AGENDA

Executive Session 5:00 | Town Council Regular Meeting 5:30

Wednesday, October 16, 2024

Town Hall / Council Chambers - 302 Pine St Minturn, CO

The agenda is subject to change, including the addition of items 24 hours in advance or the deletion of items at any time. The order of agenda items listed are approximate.
This agenda and meetings can be viewed at www.minturn.org.

MEETING ACCESS INFORMATION AND PUBLIC PARTICIPATION:

This will be an in-person meeting with access for the public to attend in person or via the Zoom link included. Zoom Link: https://us02web.zoom.us/j/83000445993

Zoom Call-In Information: 1 651 372 8299 or 1 301 715 8592 **Webinar ID:** 830 0044 5993

Please note: All virtual participants are muted. In order to be called upon an unmuted, you will need to use the "raise hand" feature in the Zoom platform. When it's your turn to speak, the moderator will unmute your line and you will have five (5) minutes for public comment.

Public Comments: If you are unable to attend, public comments regarding any items on the agenda can be submitted to Jay Brunvand, Town Clerk, prior to the meeting and will be included as part of the record.

1. CALL TO ORDER

2. ROLL CALL AND PLEDGE OF ALLEGIANCE

3. EXECUTIVE SESSION 5:00 PM

A. For discussion of a personnel matter under CRS Section 24-6-402 (4)(f) and not involving: any specific employees who have requested discussion of the matter in open session; any member of this body or any elected official; the appointment of any person to fill an office of this body or of an elected official; or personnel policies that do not require the discussion of matters personal to particular employees. – Town Administrator review.

4. APPROVAL OF CONSENT AGENDA

Consent agenda items are routine Town business, items that have received clear direction previously from the council, final land-use file documents after the public hearing has been closed, or which do not require council deliberation.

A. 10-02-2024 Minutes

B. 996 Main Street - Changes to Approved Plans

C. 0013 Belden Way - New Single Family Residence

D. 0015 Belden Way - New Single Family Residence

E. Liquor License: El Fraile, DBA The Mexican Bar & Grill. Annual Renewal of a Hotel & Restaurant Liquor License, Juan Estrada, Owner / Manager, 160 Railroad Ave.

5. APPROVAL OF REGULAR AGENDA

Opportunity for amendment or deletions to the agenda.

6. DECLARATION OF CONFLICTS OF INTEREST

7. PUBLIC COMMENT

Citizens are invited to comment on any item on the Consent Agenda, or not on the regular Agenda subject to a public hearing. Please limit your comments to five (5) minutes per person unless arrangements have been made for a presentation with the Town Clerk. Those who are speaking are requested to state their name and address for the record.

8. COUNCIL COMMENTS & COMMITTEE REPORTS

9. STAFF REPORTS

A. Town Manager's Report

B. Planning Dept. Report

10. SPECIAL PRESENTATIONS

Presentations are limited to 5 minutes. Invited presentations are limited to 10 minutes if prior arrangements are made with the Town Clerk.

11. BUSINESS ITEMS

Items and/or Public Hearings listed under Business Items may be old or new and may require review or action by the Council.

A. Ordinance 11 - Series 2024 (Second Reading) An Ordinance Amending the Town's Historic Register to Add 151 Main Street

B. Ordinance 12 - Series 2024 (Second Reading) An Ordinance Amending the Town's Historic Register to Add 155 Main Street

C. Proclamation for High Five Access Media Day

D. Resolution 53 - Series 2024 A Resolution Supporting a Grant Application for Planning Funds to Design and Engineer the Repair/Replacement of Bellm Bridge

E. Resolution 54 - Series 2024 A Resolution Approving the Renewal of CU 02-2018 for Cozzens Construction

F. Resolution 55 - Series 2024 A Resolution Approving the Renewal of CU 01-2018 for Minturn Builders Alliance Cooperative

G. Resolution 56 - Series 2024 A Resolution Approving the Renewal of CU 03-2018 for Burke Harrington Construction

H. Resolution 57 - Series 2024 A Resolution Approving the Renewal of CU 01-2020 for Burke Harrington Construction and Darin Tucholke

I. Resolution 58 - Series 2024 A Resolution Approving the Renewal of CU 04-2018 for Minturn Mountain Motel

12. DISCUSSION / DIRECTION ITEMS

A. Western Rail Coalition/Greater Denver Transit Support Letter

13. FUTURE AGENDA ITEMS

A. Future Meeting Topics

14. ADJOURN

INFORMATIONAL ONLY ITEMS

Upcoming Council Meetings and Events:

-- October 30, 2024 - Minturn Halloween

-- November 1, 2024 - First Friday at Mexican Bar & Grill

-- November 6, 2024 - Town Council Meeting

-- November 11, 2024 - Town Hall Closed - Veterans Day

-- November 20, 2024 - Town Council Meeting

-- November 28 & 29, 2024, Town Hall Closed - Thanksgiving

-- December 4, 2024 - Town Council Meeting

OFFICIAL MINUTES
Town Council Regular Meeting

Wednesday, October 02, 2024 – 5:30pm

Town Hall / Council Chambers - 302 Pine St Minturn, CO

The agenda is subject to change, including the addition of items 24 hours in advance or the deletion of items at any time. The order of agenda items listed are approximate.
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MEETING ACCESS INFORMATION AND PUBLIC PARTICIPATION:

This will be an in-person meeting with access for the public to attend in person or via the Zoom link included. Zoom Link: https://us02web.zoom.us/j/82460590052

Zoom Call-In Information: 1 651 372 8299 or 1 301 715 8592 **Webinar ID:** 824 6059 0052

Please note: All virtual participants are muted. In order to be called upon an unmuted, you will need to use the "raise hand" feature in the Zoom platform. When it's your turn to speak, the moderator will unmute your line and you will have five (5) minutes for public comment.

Public Comments: If you are unable to attend, public comments regarding any items on the agenda can be submitted to Jay Brunvand, Town Clerk, prior to the meeting and will be included as part of the record.

1. CALL TO ORDER

Mayor Earle B. called the meeting to order at 5:30pm.

2. ROLL CALL AND PLEDGE OF ALLEGIANCE

Council present Mayor Earle Bidez, Mayor Pro Eric Gotthelf, Town Council members Lynn Feiger, Gusty Kanakis, Tom Priest, Brian Rodine and Kate Schifani.

Staff present: Town Planner Madison Harris Michael Sawyer, Town Manager Michelle Metteer, and Town Clerk Jay Brunvand (zoom).

3. APPROVAL OF CONSENT AGENDA

Consent agenda items are routine Town business, items that have received clear direction previously from the council, final land-use file documents after the public hearing has been closed, or which do not require council deliberation.

A. 09-18-2024 Minutes
B. Resolution 52 - Series 2024 A Resolution Supporting a Sales Tax increase to benefit the Eagle River Fire Protection District

Motion by Gusty K., second by Eric G., to approve the Consent Agenda of October 2, 2024, as presented. Motion passed 7-0.

4. APPROVAL OF REGULAR AGENDA

Opportunity for amendment or deletions to the agenda.

Motion by Kate S., second by Eric G., to approve the Agenda of October 2, 2024, as presented. Motion passed 7-0.

5. DECLARATION OF CONFLICTS OF INTEREST

6. PUBLIC COMMENT

Citizens are invited to comment on any item on the Consent Agenda, or not on the regular Agenda subject to a public hearing. Please limit your comments to five (5) minutes per person unless arrangements have been made for a presentation with the Town Clerk. Those who are speaking are requested to state their name and address for the record.

Tim McMann, Avon Chicken Man, discussed speed in town and related issues. He also stated he was looking for funding for a sign to deter suicides off the Green Bridge in Red Cliff.

Mr. Larry Stone, 221 Main Street, discussed the need to harmonize the business community, the citizens, and the council, noting how we could be working together better.

Ms. Lynn Teach, 252 Main St, discussed a recent newspaper article.

7. COUNCIL COMMENTS & COMMITTEE REPORTS

8. STAFF REPORTS

A. Manager's Report

Bellm Bridge Feasibility Study & Grant Opportunity 9/18/2024:

Jeff Spanel, Inter-Mountain Engineering and I met with SEH Engineering who is conducting the Bellm Bridge Feasibility Study as well as Sarah Marin, with Sustainable Strategies who is tasked with Minturn's grant application for any bridge repairs. The group reviewed the current progress of the Feasibility Study along with the timeline for the CDOT Bridge grant application.

The above group has tentatively scheduled to bring this matter before the Council at the October 2, 2024, meeting for consideration of either a repair or replacement of the bridge. The grant application process is highly competitive and the costs for either repair or replacement will be extensive – meaning, at this point, Minturn will not be able to conduct the infrastructure improvements without a loan or a grant.

10/2/2024:
SEH Engineers are not yet prepared to bring materials forward for discussion. The Town is hopeful these materials will be available by the October 16, 2024, Council meeting as the grant application is due by November 1, 2024. More to come.

HWY 24/Main Street Phase II Sidewalk Project Update
CDOT engineers continue to add additional scope and material requirements to the project, further limiting the amount of sidewalk that can be installed with the limited funds available. Both InterMountain Engineering and Stolfus Engineering will continue to work with CDOT representatives toward finding ways to thoughtfully address ongoing concerns while being a efficient and fiduciarily responsible with the public funds available.

Tank #2 (Steel Bolted Tank) Lining Project
Colorado Department of Public Health and Environment (CDPHE) has updated their tank permitting requirements. Jarod Limke with HDR, Inc. is now reviewing how these permitting updates impact the Town's ability to rehabilitate tank #2. A memo from HDR, Inc with an analysis of these impacts is forthcoming.

Public Utilities Commission (PUC) – Railroad Ave Pedestrian Improvements Application
The application for installing a sidewalk over the rail line at Railroad Ave and Taylor St has been submitted to the PUC. Once approved, the Town can move forward with the pedestrian safety improvements awarded through the CDOT Revitalization grant, however this may not begin until the spring of 2025.

Membrane Water treatment Plant Funding Analysis
I have begun the final analysis of all remaining funding opportunities toward the construction of a new membrane water treatment plant (WTP). Efforts underway include the consideration of the value a sale of the Highlands Parcels 1 & 2 for the purpose of a conservation easement would create financially for the Town. This work is being considered/analyzed by the Eagle Valley Land Trust and further discussions surrounding this option will be vetted with findings coming to Council by December.

An additional review of all potential grant applications is forthcoming with a detailed memo by Sustainable Strategies, Minturn's contracted grant writing and lobbying firm. This memo will also be provided to the Town Council for review.

Minturn Market
Staff continues to review the validity and value of the Minturn Market. There are extensive benefits that come with the annual summertime event, however the cost to the Market Fund remains uncertain and the bandwidth required of staff can stretch thin. Vendor recruitment remains a

challenge, and much is dependent on acquiring sponsorships. We will keep the Council appraised of progress for the 2025 summer season.

B. Minturn North Construction Co. CUP – Update

The Town Council granted a Conditional Use Permit to the Minturn North Construction Company via Resolution 27 - Series 2024 on June 5th, 2024. As part of that approval and the conditions attached to it, staff is required to submit to Council a quarterly review for the first year of operation, and subsequent years shall be subject to a yearly review. Staff has received no complaints regarding this CUP since it started being operational. They appear to keep the equipment and materials stored in an orderly fashion within the confines of the fence. The CUP holder, Minturn North Construction Company, has been issued no warnings and received no violations

Brian R. discussed comments he had received regarding the back up alarm on the large excavator and it is a nuisance.

9. SPECIAL PRESENTATIONS

Presentations are limited to 5 minutes. Invited presentations are limited to 10 minutes if prior arrangements are made with the Town Clerk.

10. BUSINESS ITEMS

Items and/or Public Hearings listed under Business Items may be old or new and may require review or action by the Council.

A. Ordinance 11 - Series 2024 (First Reading) An Ordinance Amending the Town's Historic Register to Add 151 Main Street

Council initially took this Ordinance up at their June 5, 2024 regular meeting. They continued the first reading hearing to August 7, 2024, with a work session to take place on July 17, 2024 to discuss options to help give property owners certainty concerning historic preservation. It was again continued to September 3, 2024 and then to October 2, 2024 in order to give staff time to bring an ordinance addressing the options through HPC, Planning Commission, and Council.

At the June 5, 2024 meeting Council discussed balancing historic preservation, economic feasibility, and the utilization of property, particularly in the Town’s downtown, commercial generating area. In response to this a work session was scheduled at the July 17, 2024 meeting. During the work session staff brought forth nine different ideas for Council to discuss and give direction on. Staff was directed to bring back an ordinance addressing Options 1-7:

- Option 1: Eliminate the requirement for two sets of design review guidelines
- Option 2: Eliminating potentially redundant approval requirements
- Option 3: Allow for historically designated structures in the downtown corridor to have the immediate ability to functions as short term rentals on all floors
- Option 4: Encourage historic preservation reinvestment as part of the Downtown Development Authority Operations Plan

- Option 5: Require a minimum of two nominators for a structure to be nominated for historic designation
- Option 6: Create a process whereby property owners can determine if their structure would be historically designated without necessarily "supporting" such a designation
- Option 7: Allow residential in the Downtown Character Area on the back 50% ground floor of historically designated commercial buildings to create live/work opportunities

Several of these options, should they be implemented, should provide additional flexibility and stability to individual property owners within the 100 Block and throughout the rest of Town. That ordinance (Ordinance 20 - Series 2024) was reviewed on first reading Tuesday, September 3, 2024 and second reading was September 18, 2024. The ordinance passed with all directed options included.

In hopes that concrete answers have been provided for the owner of 151 Main Street via Ordinance 20 - Series 2024, staff suggests that Ordinance 11 - Series 2024, the nomination and designation of 151 Main Street, should be reviewed in accordance with the designation process.

Public Hearing Opened

Ms. Jan Aiello, 30 Mann Ave, discussed the town's historical significance and the importance of keeping the charm of Minturn. She also read a letter from her daughter, Neilly. Both were in support of the historical preservation.

Mr. Marco Tonazzi, owner of 151 Main St. He discussed Option #6 stating this means the owner does have a say. He felt the property character has been maintained but feels the additional restrictions of historical designation would impede his use of the property. He is opposed to the designation. He said rules are not made for those that respect them, rather for those that don't.

Mr. Ken Halliday, 811 Main St., spoke in support of the designation and the need for the ability to designate buildings to preserve our history.

Ms. Lynn Teach, 253 Pine St, spoke in support and discussed comments she has received regarding the historical significance of Minturn.

Mr. Larry Stone, 152 Main St, spoke of a remodel he did with his house but spoke about how mandating someone's private property infringes on their property rights.

Mr. John Hoich, 175 Williams St (Molly G Building), spoke opposed to the historical designation program.

Mr. Tom Sullivan, 116 Nelson Ave, agreed we should encourage the historical value. He stated we changed the parking to work with the historical structures. If we don't have historical designations, we need to change the parking requirements so to not have lot line to lot line buildings with no parking requirements. He said we are the only old town at this end of the valley and that needs to be preserved.

Tracy Anderson, 1016 Mountain Dr, submitted a letter online in support of the need for historical designations. This letter was read by the Town Clerk.

Public Hearing Closed

Council Comments:

Gusty K. noted we have modified the rules over the summer, and they are beneficial to the properties. He didn't want this work to go to waste.

Brian R. noted if the property owner did not support the designation on their building, he would not support it. He felt a nice building was more important than preservation against the owners wishes.

Tom P. felt supporting the owner was a cornerstone of the discussion. He felt the need to be uniform in the code throughout the town.

Lynn F. felt maintaining the property by the owner is not the same as protecting the historical value. She noted the previous structure on 161 Main St and how it was lost. She stated what one owner might feel is important to maintain as a historical value might not be the feeling of the next owner. We should encourage growth but not at the expense of the historical value.

Kate S. stated we want Minturn to grow but often you don't recognize the importance of something until it is gone.

Eric G. thanked all for the good discussion and noted the difficult decision at hand.

Earle B. noted that when 161 Main was torn down it was a loss to the town's character. He felt the historical feel of the town was as important as the economic viability of the property. He felt the two structures (151 and 155 Main) should be designated. He felt new structures should work within the design guidelines to encourage the character of the

Tom P. noted that he was suggesting that we are invoking two sets of rules by having two separate standards for the 100 block and the rest of town. We are inflicting additional rules because it is in the 100 block of Main Street.

Motion by Lynn T., second by Gusty K., to approve Ordinance 11 - Series 2024 (First Reading) An Ordinance Amending the Town's Historic Register to Add 151 Main Street as presented. Motion passed 5-2. (Nay: Brian R. and Tom P.)

B. Ordinance 12 - Series 2024 (First Reading) An Ordinance Amending the Town's Historic Register to Add 155 Main Street

Council initially took this Ordinance up at their June 5, 2024 regular meeting. They continued the first reading hearing to August 7, 2024, with a work session to take place on July 17, 2024 to discuss options to help give property owners certainty concerning historic preservation. It was

again continued to September 3, 2024 and then to October 2, 2024 in order to give staff time to bring an ordinance addressing the options through HPC, Planning Commission, and Council.

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In hopes that concrete answers have been provided for the owner of 155 Main Street via Ordinance 20 - Series 2024, staff suggests that Ordinance 12 - Series 2024, the nomination and designation of 155 Main Street, should be reviewed in accordance with the designation process.

Public Hearing Opened

Mr. Larry Stone, 152 Main St., noted 151 Main is empty because the rental rates are low for very expensive properties, and it just doesn't math out feasibly. He asked if we are willing to adjust our Ordinance to make rental more viable as this would help both 151 and 155. This was discussed.

Ms. Lynn Teach, 253 Pine St, rented this building for years for her business. She felt it had minimal issues and confirmed that they are in good shape and worthy of historical designation.

Mr. Tom Warren, representing MR MINTURN, felt the concessions in the Ordinance does change their desire to support of the designation.

Motion by Gusty K., second by Eric G., to approve Ordinance 12 - Series 2024 (First Reading) An Ordinance Amending the Town's Historic Register to Add 155 Main Street as presented. Motion passed 7-0.

C. Motion to accept the 2025 Annual Budget

As required by Colorado State law, the Council must accept the proposed budget for the following year no later than October 15 of the preceding year. This budget recognizes revenues and expenses for the forthcoming year in a manner responsive to Council discussions over the past several months. Over the coming meetings, Council will have other discussions on this budget as well as Public Hearings before it is finalized and approved during the December 4, 2024 Council Meeting. In August, the state legislature held a Special Session to consider and eventually adopt a compromise deal and led to the removal of two ballot initiatives. The new bill, which was quickly signed into law by the Governor, lowers residential assessments rates from 7.15% to 6.25% for property taxes going to local governments as well as lowers commercial assessment rates from 29% to 25%. In late August, the town received our preliminary Assessed Valuation where our Property Tax revenues are anticipated to remain almost flat. This budget reflects the legislative actions; however, because this was directly on the heels of the legislative session. It is probable that the final Assessed Valuation will further impact or revenue. During the upcoming council meetings, Council will have an opportunity to review the budget, special projects, and legislative effects. Please reference the Budget Schedule and Calendar included on pages 74-82. This will give you a clear vision of which meetings will include budget discussions, public hearings, and approvals. We all know the budget includes the operational items like electric bills and general day-to-day items. My intent is not to review that material in detail, rather to highlight some of the recent items of note in our General Fund revenues and expenses and allow for council and pubic questions.

Motion by Tom P., second by Brian R., to accept the Fiscal Year 2025 Draft Annual Budget and set Public Hearing at 5:30pm on November 6, 2024 to be held in the Council Chambers and via ZOOM at 302 Pine St, Minturn.

11. DISCUSSION / DIRECTION ITEMS

12. FUTURE AGENDA ITEMS

A. Future Agenda Items

- Scholarship member appointment
- Bellm Bridge cost update
- Funding an HPC budget

13. ADJOURN

Motion by Kate S., second by Tom P., to adjourn at 7:26pm.

INFORMATIONAL ONLY ITEMS

Upcoming Council Meetings:
-- October 16, 2024
-- November 6, 2024
-- November 20, 2024

Minturn Planning Department
Minturn Town Center
301 Boulder St. #309
Minturn, CO 81645
970-827-5645
planner1@minturn.org
www.minturn.org

Minturn Planning Commission
Chair – Lynn Teach
Jeff Armistead
Michael Boyd
Amanda Mire
Eric Rippeth
Darell Wegert

MEMORANDUM

Date: September 19, 2024

To: Minturn Planning Commission

From: Scot Hunn, Consulting Planning Director

RE: 996 Main Street – Bovino-Young Residence Change to Approved Plans

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The Bovino-Young Residence, a single-family home located at 996 Main Street, received DRB approval in April 2021. Construction was commenced and certain amendments to approved plans were later approved in October 2021 to allow for minor modifications to finished floor heights, revisions to the basement/crawlspace level, and the rear deck/patio area.

The building has been under construction since that time and Town staff were asked to perform a final (Certificate of Occupancy) inspection in July of this year. Upon inspection of the residence, several substantive changes were observed including changes to exterior materials, window and door placement, changes to the driveway design, and changes to the rear yard (patio and hot tub placement).

Staff also observed the installation of a hot tub in the rear yard. While hot tubs are permitted, staff was concerned about the revisions to the patio and the placement of the hot tub in an area that appeared to be in proximity to the 30-foot live stream setback. A portion of the patio also encroaches into a sewer line easement for Eagle River Water and Sanitation District (ERWSD). Those concerns have now been addressed:

1. The provision of an updated Improvement Location Survey (ILC) by Kipp Land Surveying has confirmed that the revisions to patio and the location of the hot tub do not encroach within the live stream setback.
2. The provision of an encroachment agreement by and between the property owner and ERWSD confirms approval for the location of the patio within the sewer line easement.

Overall, staff is supportive of the various changes around the exterior of the residence; the overall design has not changed significantly and all materials changes are still in keeping with the Town's design standards (Chapter 16, Appendix B).

Additionally, staff had initial concerns related to the increased size of the rear patio in context to allowable impervious coverage on the lot. However, the patio area is comprised of sand set pavers which have been interpreted in the past as being pervious or permeable (allowing infiltration of water) and, therefore, not counting toward impervious coverage limits.

In summary, staff is supportive of the changes to approved plans which have been found to be in compliance with applicable zoning, dimensional limitation (i.e. setbacks and impervious coverage), and design standards.

Attached under cover of this memo are updated plans for the residence (floor plans, site and landscape plans, turning radii drawing for driveway, and exterior elevation drawings), updated survey, and a copy of an executed and recorded encroachment agreement for improvements within a sewer line easement.

LETTER

mpp design sh

PO Box 288
Gypsum, CO 81637
(970) 390-4931
michael@mppdesignshop.com

August 09, 2024
Revised: September 06, 2024

Town of Minturn
Attention: Planning Department
302 Pine Street
P.O. Box 309
Minturn, CO 81645
Tel: (970) 827-5645
Fax: (970) 827-5545
e-mail: planner@minturn.org

Regarding: Young Residence

Location: 996 Main Street
Minturn, CO 81645
Parcel Number: 2103-351-02-060
Lot 2, South Minturn Addition, A Re-subdivision

This application is for Design Review Board review and approval of revisions to the approved design. The design changes are as follows:

- There are no changes to the building footprint or building height.
- Exterior materials
  - The majority of the exterior walls are vertical wood siding with a gray stain color.
  - The walls at the Entry, Stair Tower and Chimney are horizontal wood siding, stained black.
  - The column piers at the entry are clad with sandstone tile, gray color.
  - The extents of the rusted corrugated siding at the base of the walls has been reduced in scope.
- Exterior doors & windows
  - At the east elevation, the layout and size of the windows and doors has been revised. The doors and windows are larger in size.
  - At all elevations, the header between upper and lower windows has been removed. The upper windows are larger in size.
- The patio on the east side is 32' wide north-to-south and 18' deep east-to-west.
  - The patio encroaches into and over the Eagle River Water and Sanitation District's sanitary Sewer Easement and sewer line. And Encroachment Agreement was entered into by the Owner and ERWSD. This agreement has been recorded, and provided to the Town of Minturn under separate cover as part of the Conditions of Approval.
- A hot tub on grade has been added on the east side.
- The driveway is shared by Lots 1 & 2. The final driveway will not be installed until at least until sometime in 2025, when the construction of the structure on Lot 1 is completed.
  - Until that time, a gravel parking area is provided in front of the garage.
  - The number of parking spaces remains the same at 4, with 2 in the garage and 2 surface.

LETTER

mpp design sh

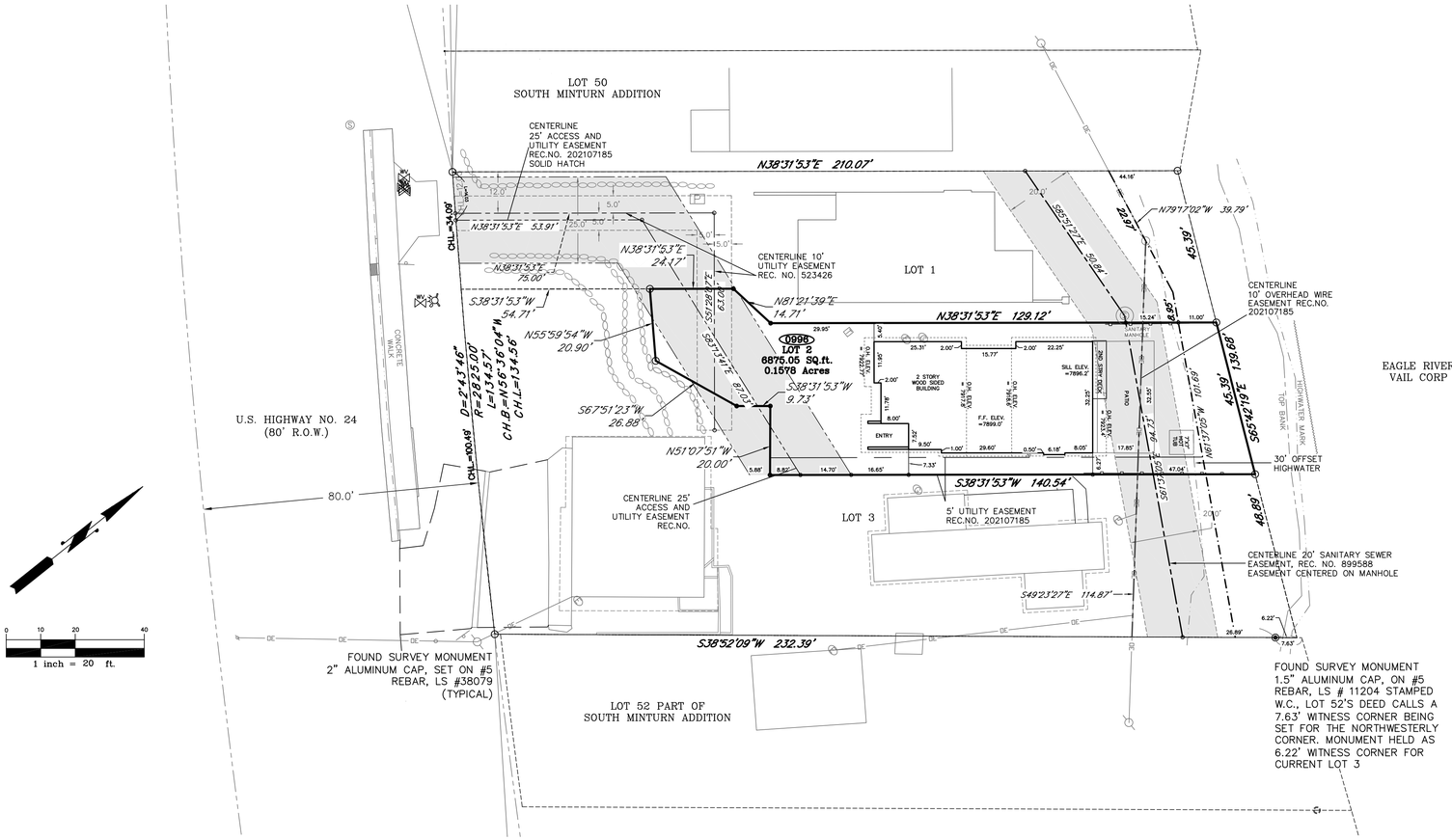
PO Box 288
Gypsum, CO 81637
(970) 390-4931
michael@mppdesignshop.com

- The patio on-grade at the east side of the house is requested to be considered a permeable surface, and not counted towards the Impervious Surface Coverage allowance.
    - The patio constructed of 1" x 18" x 30" bluestone pavers set in a sand bed with sand joints. Bluestone is a natural stone that is quarried.
    - Existing grade has been built-up with compacted granular fill material, that is consistent with local building and landscaping practices.
    - Rain water is able to penetrate through the joint between the bluestone pavers and filter into the ground.
- The driveway layout has been revised from that which was submitted on 08/09/2024.
    - The driveway layout can accommodate a fire truck turn-around.
    - Alpine Engineering has stated that the distance from the street to the fire truck staging area is less than 150', so the IFC does not require a turn-around.
    - A turning radius analysis has been done and is provided with this application.

Thank you for your consideration.

SIGNED: Michael Pukas

IMPROVMENT LOCATION CERTIFICATE
LOT 2, SOUTH MINTURN ADDITION
A RESUBDIVISION OF LOT 51
TOWN OF MINTURN, COUNTY OF EAGLE, COLORADO



PROPERTY DESCRIPTION:

LOT 2, SOUTH MINTURN ADDITION, A RESUBDIVISION OF LOT 51, according to the final plat thereof recorded March 30, 2021 as Rec.No. 202107185 at the Eagle County Clerk and Recorders Office, County of Eagle, State of Colorado.

NOTES:

1) DATE OF SURVEY: October 31, 2022

2) STREET ADDRESS: 996 Main Street (U.S. Highway 24) Not Posted

3) Location of improvements and lot lines are based upon the above referenced Final Plat and survey monuments found at the time of this survey. Kipp Land Surveying previously performed a Improvement Survey Plat and Final Plat for this property.

4) Exterior building dimensions to finished siding.

4) Notice; According to Colorado Law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect, in no event, may any action based upon any defect in this survey be commenced more than ten years from the date of certification shown hereon.

CERTIFICATION:

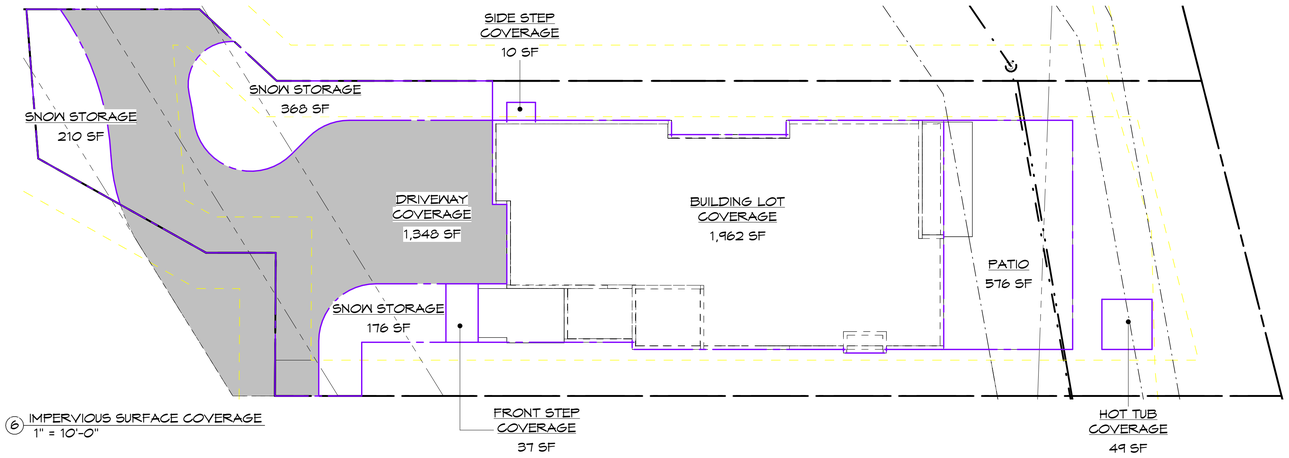
I hereby certify that this Improvement Location Certificate was prepared for Mark William Young and Beth Ann Bovino, and this is NOT a Land Survey Plat or Improvement Survey Plat, and that it is not to be relied upon for the establishment of fence, building, or other future improvements lines. This certificate is valid only for use by Mark William Young and Beth Ann Bovino and describes the parcels appearance on August 22, 2024.

I further certify that the improvements on the above described parcel on this date, August 22, 2024, except utility connections, are entirely within the boundaries of the parcel, except as shown, that there are no encroachments upon the described premises by improvements on any adjoining premises, except as indicated, and that there is no apparent evidence or sign of any easement crossing or burdening any part of said parcel, except as noted

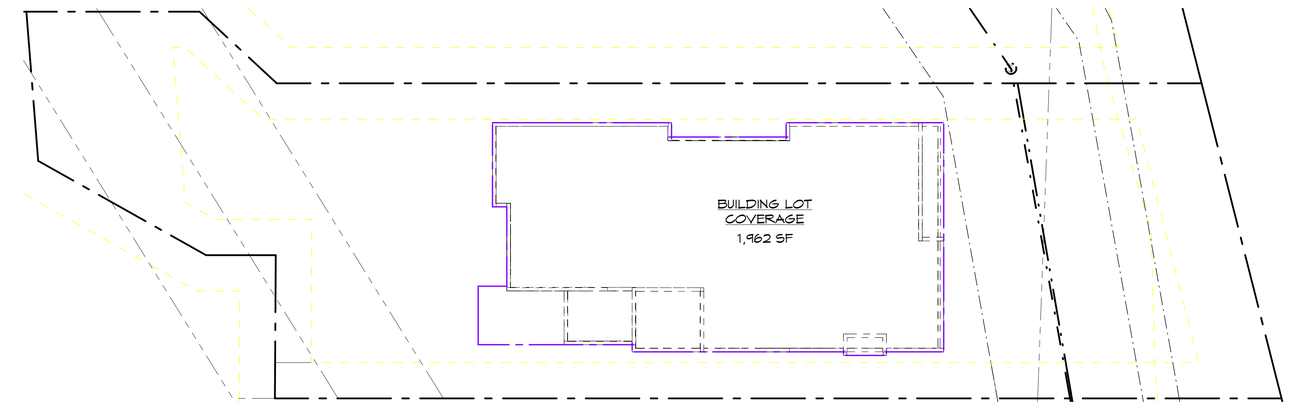
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RANDALL P. KIPP
38079
PROFESSIONAL LAND SURVEYOR
8-22-24

Randall P. Kipp P.L.S. #38079
Colorado Professional
Land Surveyor

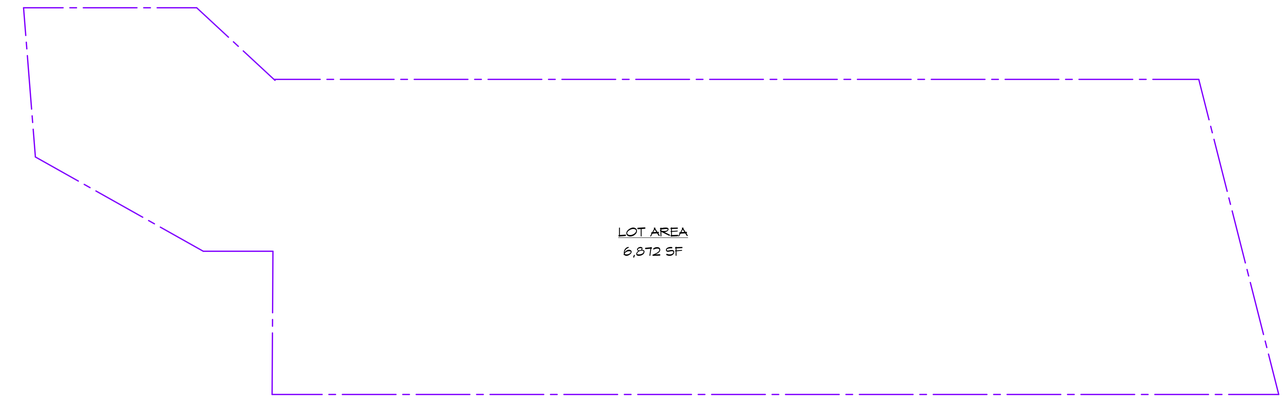
Improvement Location Certificate LOT 2, *South Minturn Addition* *A Resubdivision of Lot 51* *Town of Minturn, County of Eagle, Colorado*	*KIPP LAND SURVEYING*
JOB NO.: 201129 / DATE: 08-22-2024	*RANDY KIPP P.L.S.* *P.O. Box 3154* *Eagle, CO 81631* *(970) 390-9540* *email: randy@kipplandsurveying.com* *web: kipplandsurveying.com*
SHEET 1 OF 1 / DWG NAME: 201129-LOT 2 SMA ILC	



6 IMPERVIOUS SURFACE COVERAGE
1" = 10'-0"



5 BUILDING LOT COVERAGE
1" = 10'-0"



4 LOT AREA
1" = 10'-0"

BUILDING LOT COVERAGE

BUILDING LOT COVERAGE	1,962 SF
	1,962 SF

LOT AREA & ALLOWABLE COVERAGE

LOT AREA	BUILDING LOT COVERAGE 40%	IMPERVIOUS SURFACE COVERAGE 55%
6,872 SF	2,092 SF	3,780 SF

IMPERVIOUS SURFACE COVERAGE

DRIVEWAY COVERAGE	Not Placed
DRIVEWAY COVERAGE	Not Placed
BUILDING LOT COVERAGE	1,962 SF
DRIVEWAY COVERAGE	1,348 SF
FRONT STEP COVERAGE	37 SF
HOT TUB COVERAGE	49 SF
SIDE STEP COVERAGE	10 SF
	3,406 SF

SNOW STORAGE

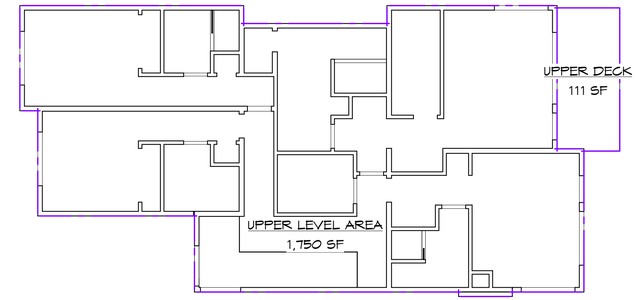
SNOW STORAGE	176 SF
SNOW STORAGE	368 SF
SNOW STORAGE	210 SF
	755 SF

LIVEABLE FLOOR AREA

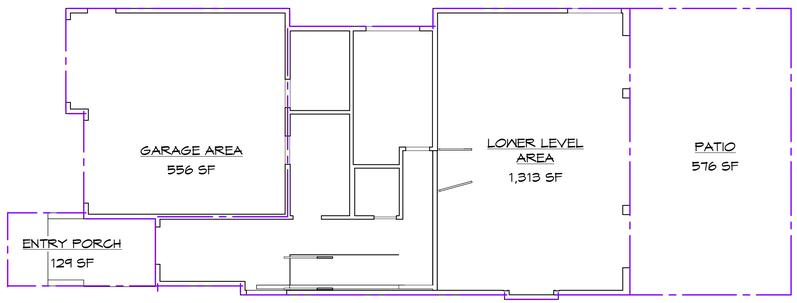
LOWER LEVEL AREA	1,313 SF
UPPER LEVEL AREA	1,750 SF
	3,063 SF

TOTAL BUILDING AREA

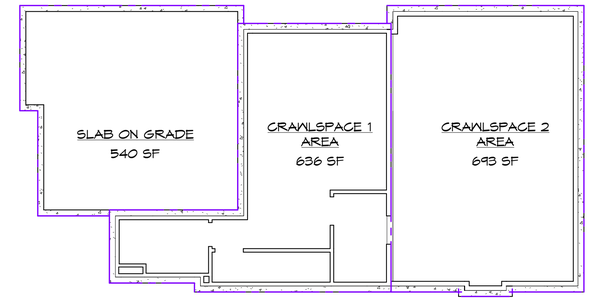
GARAGE AREA	556 SF
LOWER LEVEL AREA	1,313 SF
UPPER LEVEL AREA	1,750 SF
TOTAL BUILDING AREA	3,619 SF



3 UPPER LEVEL AREA PLAN
1/8" = 1'-0"



2 LOWER LEVEL AREA PLAN
1/8" = 1'-0"



1 BASEMENT LEVEL AREA PLAN
1/8" = 1'-0"

mpp design shop, inc.
PO Box 288
Gypsum, CO 81637
(970) 390-4931
michael@mppdesignshop.com

Bovino-Young Residence

996 Main Street
Minturn, CO 81645
Parcel number: 2103-351-02-060
Lot 2, South Minturn Addition, A Resub of Lot 51

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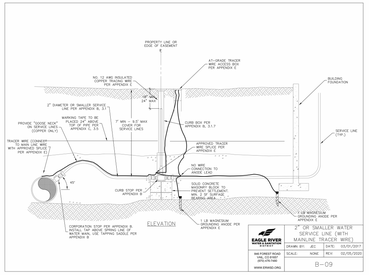
#	Description	Date
1	Progress	03/29/21
2	Building Permit	07/13/21
3	Foundation Revisions	08/01/21
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14	Driveway Revisions	09/06/24

Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

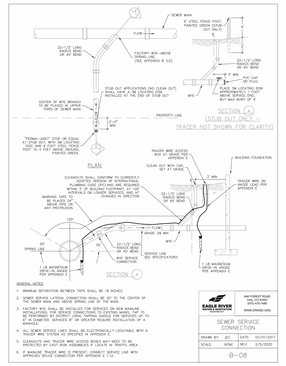
LOT & BUILDING ANALYSIS, AREAS

A001

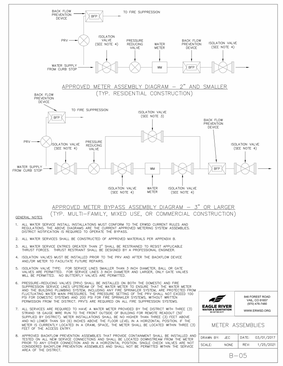
18



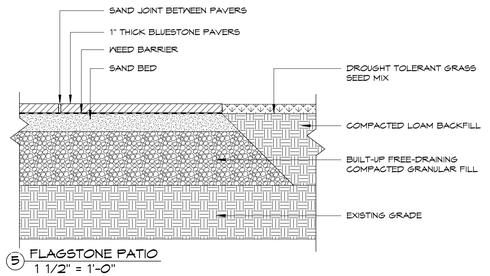
4 ERWSD DETAIL B-09



3 ERWSD DETAIL B-08



2 ERWSD DETAIL B-05



5 FLAGSTONE PATIO
1 1/2" = 1'-0"

SITE AND LANDSCAPE NOTES

1. ALL DISTURBED GROUND SURFACE WITHIN 30' LIVE STREAM SETBACK TO BE REVEGETATED WITH NATIVE GRASS AND WILD FLOWER SEED MIX; PROVIDE TEMP IRRIGATION FOR 2YR MIN, OR UNTILL ESTABLISHED.
2. ALL DISTURBED GROUND SURFACE OUTSIDE OF 30' LIVE STREAM SETBACK TO BE SEEDED WITH DROUGHT-TOLERANT BLUE GRASS SEED MIX. PROVIDE PERMANENT IRRIGATION WITH CLOCK TIMER.
3. ALL NEW TREE, SHRUB, FLOWER BED, ETC. PLANTINGS TO HAVE PERMANENT DRIP AND/OR SPRAY IRRIGATION WITH CLOCK TIMER.

POINT OF BEGINNING FOUND SURVEY MONUMENT 1.5" ALUMINUM CAP ON #5 REBAR, LS #38079

TOW 7903.1'
BOW 7901.3'
TOW 7848.9'
BOW 7847.9'
TOW 7900.0'
BOW 7847.5'
TOW 7848.3'
BOW 7847.8'

BASIS OF BEARINGS

FOUND SURVEY MONUMENT 1.5" ALUMINUM CAP ON #5 REBAR, LS #38079

Graphic Scale: 1 inch = 10 feet
0 10' 20' 30' 40'

0994
LOT 1
8581.54 SQ.ft.
0.1970 Acres

PROPOSED ASPHALT DRIVE

WATER AND GAS LINE TO BE BURIED UNDER DRIVEWAY CENTERLINE; CONNECTION TO EXISTING MAIN SERVICE LINES AT STREET

BOW 7904.8'
TOW 7906.1'

15' ACCESS EASEMENT CREATED BY THIS PLAT

FUTURE SHARED CONCRETE DRIVEWAY

SNOW STORAGE

PROVIDE 20'x20' GRAVEL PARKING AREA FOR LOT 2 TO BE INSTALLED FOR FINAL CoFO. WHEN FINAL SHARED DRIVEWAY INSTALLATION IS TO BE COMPLETED, GRAVEL TO BE REPLACED WITH CONCRETE IN SAME SIZE AND CONFIGURATION AS SHOWN

EXISTING CONCRETE WALK

U.S. HIGHWAY NO. 24 (80' R.O.W.) C.D.O.T. FAP NO.292-B

ROOF: 7920.6'
FG: 7894.2'
EG: 7892.9'
MID-POINT OF ROOF
6' TALL WOOD FENCE W/ 6x6 POSTS
SITE BENCHMARK SANITARY MANHOLE RIM ELEV. 7889.45
EG: 7892.3'
7894.8'
30' SETBACK
(E) OVERHEAD ELECTRIC POWER LINES TO BE BURIED UNDERGROUND UNDER SEPARATE FUTURE CONTRACT
EAGLE RIVER VAIL CORP BOOK 217 PAGE 120
CENTERLINE 10' OVERHEAD WIRE EASEMENT CREATED BY THIS PLAT
CENTERLINE 20' SANITARY SEWER EASEMENT, REC. NO. 8595188 EASEMENT CENTERED ON THIS PLAT SOLID HATCH
FIELD LOCATED MAIN SEWER LINE
10.0' SETBACK
FLAGSTONE PATIO ON-GRADE
SANITARY SEWER LINE FROM RESIDENCE TO CONNECT TO EXISTING SANITARY SEWER SERVICE LINE
15' HIGH +/- BOULDER RETAINING WALL
HOT TUB
FLAGSTONE STEP
FLAGSTONE PATIO
20' - 0"
PARKING SPACE 8' x 18' 3%
PARKING SPACE 8' x 18' 3%
5%
R 8.0'
R 14.0'
R 20.0'
R 45.0'
12' - 0"
FLAGSTONE STEP SNOW STORAGE
GAS & ELECTRIC METER LOCATION
MID-POINT OF ROOF
ROOF: 7922.6'
FG: 7894.1'
EG: 7894.6'
MID-POINT OF ROOF (SEE SOUTH ELEVATION FOR HEIGHT)
FG: 7894.2'
EG: 7893.0'
FG: 7894.3'
6' TALL WOOD FENCE W/ 6x6 POSTS
EG: 7892.4'
PROPOSED UNDERGROUND ELECTRIC LINE CONNECTION TO EXISTING ELECTRIC SERVICE LINE
FLAGSTONE PATIO
EXISTING CONCRETE WALK
0996
LOT 2
6872.05 SQ.FT.
0.1578 Acres

1 SITE PLAN
1" = 10'-0"

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Bovino-Young Residence

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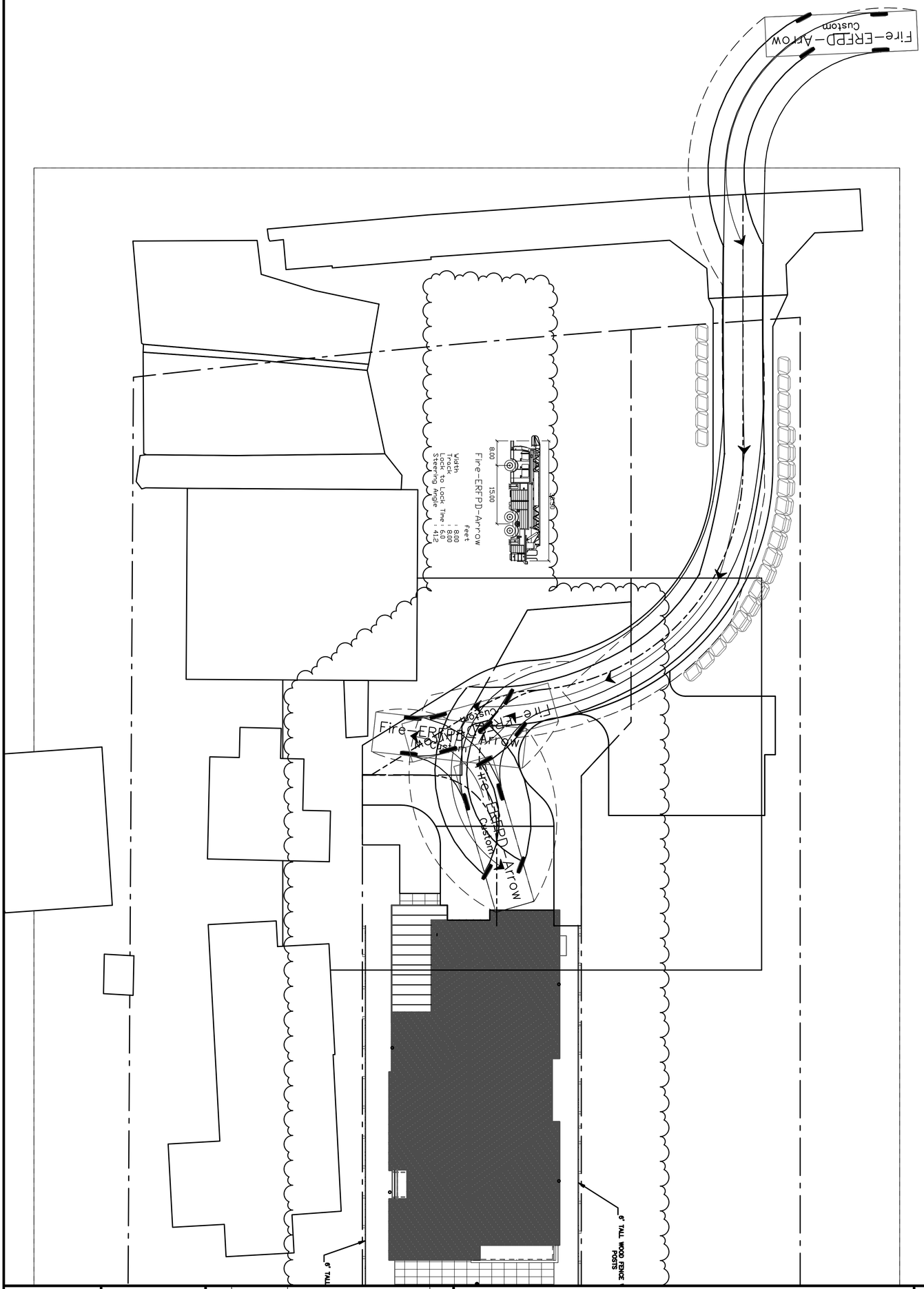
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Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

SITE PLAN

AS101



SHEET C1.0	DESIGNED XXX DRAWN XXX CHECKED XXX JOB NO. XXX DATE XX/XX/XXXX	NO. / DATE / REVISIONS / BY	**996 MAIN ST** MINTUNRN, CO FIRE EXHIBIT	ALPINE ENGINEERING INC. 34510 HWY 6 / UNIT A9 / PO BOX 97 EDWARDS CO 81632 / 970.926.3373 WWW.ALPINECIVIL.COM

GENERAL NOTES

1. ALL WORK SHALL BE AS SPECIFIED AND IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL CODES, LAWS, PERMITS AND ORDINANCES, AND SHALL BE PERFORMED TO THE HIGHEST STANDARDS OF CRAFTSMANSHIP BY JOURNEYMEN OF THE APPROPRIATE TRADES.
2. THESE DOCUMENTS ARE NOT INTENDED TO INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES REQUIRED TO COMPLETE ALL WORK DESCRIBED HEREIN. THE GENERAL CONTRACTOR (G.C.) SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK.
3. IT IS THE RESPONSIBILITY OF THE G.C. TO BRING TO THE ATTENTION OF THE ARCHITECT ANY CONDITIONS WHICH WILL NOT PERMIT CONSTRUCTION ACCORDING TO THE INTENTIONS OF THESE CONTRACT DOCUMENTS (CDS), AND TO NOTIFY THE ARCHITECT AT ONCE IF ANY DISCREPANCIES APPEAR IN THE CDS, OR BETWEEN THE CD'S AND EXISTING CONDITIONS. IT IS THE RESPONSIBILITY OF THE ARCHITECT TO PROVIDE DETAILS AND/OR DIRECTIONS REGARDING DESIGN INTENT WHERE IT IS ALTERED BY EXISTING CONDITIONS OR WHERE NEGLECTED IN THE DOCUMENTS.
4. SHOULD A CONFLICT OCCUR IN OR BETWEEN DRAWINGS AND SPECIFICATIONS, THE SPECIFICATIONS SHALL TAKE PRECEDENCE, UNLESS A WRITTEN DECISION FROM THE ARCHITECT HAS BEEN OBTAINED WHICH DESCRIBES A CLARIFICATION OR ALTERNATE METHOD AND/OR MATERIALS.
5. DIMENSIONS: A) ALL DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.; B) ALL PLAN DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF STUD, AND CENTER LINE OF COLUMN/BEAM, U.O.N.; C) FLOOR TO FLOOR DIMENSIONS ARE FROM TOP OF PLYWOOD SUBSURFACE TO TOP OF PLYWOOD SUBSURFACE, U.O.N.; D) VERIFY IN FIELD (V.I.F.) ALL EXISTING CONDITIONS DIMENSIONS, LOCATIONS AND SITE CONDITIONS PRIOR TO NEW CONSTRUCTION.
6. THE G.C. SHALL SUBMIT SAMPLES OF ANY MATERIALS PROPOSED FOR SUBSTITUTION TO THE ARCHITECT FOR REVIEW AND APPROVAL BEFORE THE WORK IS TO BE PERFORMED. WORK SHALL CONFORM TO THE APPROVED SAMPLES.
7. THE G.C. SHALL SUBMIT REQUIRED SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW AND APPROVAL BEFORE THE WORK IS TO BE PERFORMED. WORK SHALL CONFORM TO THE APPROVED SHOP DRAWINGS.
8. THE G.C. SHALL BE RESPONSIBLE FOR THE SAFETY AND CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION. FOR COMPLIANCE WITH FEDERAL AND STATE O.S.H.A. REGULATIONS, AND FOR THE PROTECTION OF ALL WORK UNTIL IT IS DELIVERED COMPLETED TO THE OWNER.
9. THE G.C. SHALL VERIFY AND COORDINATE ALL OPENINGS THROUGH FLOORS, CEILINGS, AND WALLS WITH ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
10. THE JOB SITE SHALL BE MAINTAINED IN A CLEAN, ORDERLY CONDITION, FREE OF DEBRIS AND LITTER, AND SHALL NOT BE UNREASONABLY ENCUMBERED. EACH SUB-CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS AS OF RESULT OF HIS/HER OPERATION UPON COMPLETION OF HIS-HER WORK.
11. THE G.C. SHALL PERFORM ALL PHASES OF CONSTRUCTION SUCH THAT ALL NEW CONSTRUCTION FITS FLUSH AND SEAMLESSLY WITH ADJACENT EXISTING CONDITIONS, AND SHALL NOT ENDANGER ANY EXISTING CONDITIONS OR OTHER WORK.
12. THE G.C. SHALL PROVIDE ALL NEGESSARY BLOCKING, BACKING, AND FRAMING FOR LIGHT FIXTURES, ELECTRICAL UNITS, A.C. EQUIPMENT, RECESSED ITEMS, AND ALL OTHER ITEMS AS REQUIRED.
13. ALL CONSTRUCTION, STAGING, CONTRACTOR PARKING AND MATERIALS STORAGE SHALL BE CONFINED TO THE LIMITS OF THE EXISTING DRIVEWAY AND THE IMMEDIATE PERIMETER OF THE EXISTING BUILDING. ALL ACTIVITY PERFORMED AS PART OF THIS PROJECT SHALL BE CONTAINED ON THE PROJECT PROPERTY.
14. CHANGES TO THESE CONTRACT DOCUMENTS SHALL BE NOTED IN THE FIELD AND MAINTAINED ON-SITE FOR THE DURATION OF THE PROJECT FOR CONSTRUCTION OBSERVATION.
15. AS-BUILT DRAWINGS WILL BE PROVIDED TO THE TOWN/COUNTY, IF REQUIRED.
16. UTILITY METER LOCATIONS TO BE APPROVED BY UTILITY COMPANIES.
17. ALL INTERIOR NON-BEARING WALLS TO BE 2x4, U.O.N.
18. ALL INTERIOR BEARING WALLS TO BE 2x6, U.O.N. SEE STRUCTURAL DNG'S FOR SPEC'S
19. ALL EXTERIOR WALLS TO BE 2x6, U.O.N. SEE STRUCTURAL DNG'S FOR SPEC'S
20. ALL HORIZONTAL FRAMING DIMENSIONS ARE TO THE FACE OF WOOD FRAMING, U.O.N.
21. ALL VERTICAL FRAMING DIMENSIONS ARE FROM THE T.O. PLYWOOD, U.O.N.
22. ALL HORIZONTAL DIMENSIONS FOR OPENINGS ARE TO THE CENTER LINE OF R.O.
23. ALL VERTICAL DIMENSIONS FOR OPENINGS ARE TO THE TOP OF R.O.

SITE NOTES

1. THE GENERAL CONTRACTOR SHALL PROVIDE EROSION CONTROL IN CONFORMANCE WITH TOWN/COUNTY GUIDELINES.
2. THE CONSTRUCTION LIMIT LINE IS THE CONTRACT LINE. DO NOT DISTURB ANY EXISTING TREES OR VEGETATION DESIGNATED TO REMAIN OR LOCATED OUTSIDE OF THE CONSTRUCTION LIMIT LINE WITHOUT APPROVAL OF THE OWNER AND THE TOWN/COUNTY.
3. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING SITE INFORMATION, INCLUDING STRUCTURES, UTILITIES, PROPERTY LINES, LIMITS OF ROADWAYS, AND CURBS AND GUTTERS THAT MAY AFFECT THE SCOPE OF WORK PRIOR TO BEGINNING SITE CONSTRUCTION.
4. EXISTING UTILITIES ARE INDICATED FOR INFORMATION ONLY AND NOT INTENDED TO SHOW EXACT LOCATION. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES, OR ANYTHING NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACT. THE GENERAL CONTRACTOR SHALL LOCATE ALL UTILITIES AND MAINTAIN THE LOCATION DURING ALL PHASES OF THE WORK. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO UTILITIES OR STRUCTURES AND ANY INJURIES THEREFROM. RESTORATION OF ANY UTILITIES DAMAGED BY THE GENERAL CONTRACTOR SHALL BE AT THE GENERAL CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
5. CONFORM TO EAGLE RIVER WATER AND SANITATION DISTRICT SPECIFICATIONS FOR SEWER CONSTRUCTION. PROVIDE SEWER CLEANOUT WITH LOCATION TO BE REVIEWED BY TOWN ENGINEER.
6. THE GENERAL CONTRACTOR SHALL PROVIDE DRAWINGS SHOWING PROPOSED UTILITY SERVICE CONNECTIONS FOR THE ENGINEER'S REVIEW PRIOR TO CONSTRUCTION.
7. ROAD CUTS AND ANY OTHER CONSTRUCTION IN ROAD RIGHT-OF-WAY SHALL CONFORM TO TOWN GUIDELINES.
8. ALL COMPACTION SHALL BE IN ACCORDANCE WITH THE SOILS REPORT PREPARED BY THE GEOTECHNICAL ENGINEER.
9. PROVIDE WRITTEN NOTIFICATION OF ALL DISCREPANCIES BETWEEN EXISTING AND PROPOSED SITE IMPROVEMENTS.
10. CONTRACTOR(S) SHALL TAKE ALL NECESSARY STEPS AS REQUIRED TO PROPERLY PROTECT AND MAINTAIN HIS WORK FOR THE DURATION OF THIS CONTRACT.
11. THESE DRAWINGS DO NOT SPECIFY SAFETY MATERIALS, EQUIPMENT, METHODS OR SEQUENCING, TO PROTECT PERSONS AND PROPERTY. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DIRECT AND IMPLEMENT SAFETY OPERATIONS AND PROCEDURES TO PROTECT THE OWNER, OTHER CONTRACTORS, THE PUBLIC AND OTHERS.
12. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.
13. CONTRACTOR(S) SHALL EMPLOY A LICENSED SURVEYOR TO ESTABLISH ALL WORK LINES.
14. CONTRACTOR(S) SHALL STAKE OUT ALL AREAS, INCLUDING WALKS, PAVEMENTS, WALLS, POOLS AND FENCES AND SHALL OBTAIN THE APPROVAL OF THE ARCHITECT PRIOR TO PROGEEDING WITH THE WORK.
15. CONFLICTS OR DISCREPANCIES WITH GRADES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY AND PRIOR TO PROCEEDING WITH WORK.
16. ALL FINISHED GRADES SHALL PROVIDE FOR NATURAL RUNOFF OF WATER WITHOUT LON SPOTS OR POCKETS. SET FLOW LINES ACCURATELY AND PROVIDE A MINIMUM 2.5% GRADIENT UNLESS OTHERWISE NOTED.
17. GRADUALLY ROUND OFF TOPS AND TOES OF ALL PLANTED SLOPES, UNLESS SHOWN OTHERWISE IN GRADING DETAILS.
18. GRADE AWAY FROM ALL BUILDINGS AT A MINIMUM SLOPE OF 10% IN UNPAVED AREAS AND MINIMUM SLOPE OF 2% IN PAVED AREAS.
19. CLEANOUTS SHALL BE PROVIDED FOR ALL CHANGES IN LINES AND/OR GRADE OR THE SANITARY SEWER SERVICE.
20. CONFORM TO TOWN/COUNTY STANDARDS FOR WATER CONSTRUCTION. MAINTAIN 10 FEET MINIMUM SEPARATION BETWEEN WATER AND SEWER UNDERGROUND SERVICE PIPES. MAINTAIN SEVEN FEET MINIMUM COVER AT UNDERGROUND WATER SERVICE AND ASSOCIATED LINES. NEW CURB STOPS AND SERVICE LINES SHALL BE INSTALLED FOR EACH UNIT. CURB STOPS SHALL LOCATED ON THE PROPERTY LINE IN A SPOT APPROVED BY THE TOWN PUBLIC WORKS DIRECTOR.
21. IF UTILITY CONNECTION POINTS ARE NOT KNOWN AT THE TIME OF BUILDING PERMIT SUBMISSION, LOCATIONS TO BE COORDINATED AND APPROVED BY TOWN/COUNTY AND SERVICE PROVIDERS IN ADVANCE.

ENERGY CODE NOTES

GC TO COMPLY WITH ALL REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING CODE, THE 2018 INTERNATIONAL RESIDENTIAL CODE, AND THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, AS WELL AS ANY AMENDMENTS ADOPTED BY THE TOWN'S AND/OR COUNTY'S MUNICIAPL CODE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO;

CLIMATE ZONE	6B
FENESTRATION U-FACTOR	0.30
SKYLIGHT U-FACTOR	0.55
CEILING R-VALUE	49
WOOD FRAME WALL R-VALUE	20+5 OR 13+10 - CAVITY + CONTINUOUS EXTERIOR
MASS WALL R-VALUE	15/20
FLOOR R-VALUE	30
BASEMENT WALL R-VALUE	15/19 - CONTINUOUS + CAVITY
SLAB R-VALUE & DEPTH	10, 4'
CRAWL SPACE WALL R-VALUE	15/19 - CONTINUOUS + CAVITY
HEATED SLAB ON GRADE R-VALUE	5, 4'

ABBREVIATIONS

#	AND
@	AT
AB	ANCHOR BOLT
AC	AIR CONDITIONING
ACC	ACCESSIBLE
ACOUST	ACOUSTICAL
ACT	ACOUSTIC CEILING TILE
AD	AREA DRAIN
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AGGR	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APC	ACOUSTICAL PANEL CEILING
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT
ATTN	ATTENTION
AUTO	AUTOMATIC
AV	AUDIOVISUAL
BD	BOARD
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BRKT	BRACKET
BSMNT	BASEMENT
C	CHANNEL
CAB	CABINET
CAT	CATEGORY
CB	CATCH BASIN
CB	CEMENT BOARD
CBU	CEMENTITIOUS BACKER UNIT
CC	CENTER TO CENTER
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CER	CERAMIC
CG	CORNER GUARD
CH	CHILLER
CI	CAST IRON
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CNTR	COUNTER
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CTSK	COUNTERSUNK
CW	COLD WATER
(D)	DEMOLISH OR DEMOLITION
D	DEEP, DEPTH
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLISH OR DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DIMS	DIMENSIONS
DISP	DISPENSER
DIV	DIVISION
DMPF	DAMP PROOFING
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DRN	DRAIN
DS	DOWNSPOUT
DS	DOWN SPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER
(E)	EXISTING
CMU	CONCRETE MASONRY UNIT
E	EAST
EA	EACH
EB	EXPANSION BOLT
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENG	ENGINEER
EP	ELECTRICAL PANEL
EPDM	ETHYLENE PROPYLENE DIENE M-CLASS
EQ	EQUAL
EQUIP	EQUIPMENT
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FB	FACE BRICK
FD	FLOOR DRAIN
FD	FLOOR DRAIN OR FIRE DEPARTMENT
FDC	FIRE DEPARTMENT CONNECTION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF&E	FURNITURE, FIXTURES AND EQUIPMENT
FFB	FLUSH FLOOR BOX
FFEL	FINISH FLOOR ELEVATION
FH	FLAT HEAD
FHC	FIRE HOSE CABINET
FIN	FINISH
FIXT	FIXTURE
FLASH	FLASHING
FLR	FLOOR
FLUOR	FLUORESCENT

ABBREVIATIONS

FND	FOUNDATION
FO	FACE OF
FP	FIRE PROTECTION
FPG	FIREPROOFING
FR	FIRE RESISTANT
FRC	FIBER REINFORCED CONCRETE
FRT	FIRE RETARDANT TREATED
FT	FEET/FOOT
FTG	FOOTING
FURN	FURNITURE
FURR	FURRING
FVC	FABRIC WALL GOVERING
FWP	FABRIC WRAPPED PANEL
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACT(OR)
GEN	GENERAL
GFRC	GLASS FIBER REINFORCED CONCRETE
GL	GLASS
GLAZ	GLAZING
GRAN	GRANULAR
GRD	GROUND
GRFG	GLASS FIBER REINFORCED GYPSUM
GSM	GALVANIZED SHEET METAL
GV	GAS VALVE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	HIGH/HEIGHT
HB	HOSE BIBB
HC	HANDICAPPED
HDWD	HARDWOOD
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HNDRL	HANDRAIL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HR	HOUR
HRC	HOSE REEL CABINET
HTG	HEATING
HVAC	HEATING VENTILATION AND AIR CONDITIONING
HW	HOT WATER
ID	INSIDE DIAMETER
IN	INCH/INCHES
INCAND	INCANDESCENT
INCL	INCLUDED/INCLUDING
INFO	INFORMATION
INSUL	INSULATION
INSUL	INSULATED OR INSULATION
INT	INTERIOR
INTERM	INTERMEDIATE
INV	INVERT
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
KIT	KITCHEN
KO	KNOCK OUT
LAM	LAMINATE
LAV	LAVATORY
LB	POUNDS
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT	LIGHT
MAS	MASONRY
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM
MEMBR	MEMBRANE
MFR	MANUFACTURER
MH	MAN HOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MULL	MULLION
(N)	NEW
N	NORTH
NA	NOT APPLICABLE
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NON	NON COMBUSTIBLE
COMB	
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OD	OVERFLOW DRAIN
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFF	OFFICE
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
P	PAINT
PAV	PAVING
PBD	PARTICLE BOARD
PC	PRECAST
PDF	POWER DRIVEN FASTENER
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT OR PAINTED
POL	POLISHED

ABBREVIATIONS

PR	PAIR
PREFAB	PREFABRICATED
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PT	POINT
PT	PRESSURE TREATED
PTD	PAINTED
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
QT	QUARRY TILE
QTY	QUANTITY
R	RADIUS/RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
RECPT	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED REINFORCING
REL	RELOCATE
REM	REMOVABLE
REQM	RECOMMENDED
REQ	REQUIRE/REQUIRED
REQD	REQUIRED
RESIL	RESILIENT
REV	REVISION/REVISED
RM	ROOM
RO	ROUGH OPENING
RTD	RATED
RTG	RATING
RWL	RAIN WATER LEADER
S	SOUTH
SA	SUPPLY AIR
SAF	SELF ADHERED FLASHING
SC	SOLID CORE
SCHED	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SF	SQUARE FEET/FOOT
SH	SPRINKLER HEAD
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SM	SHEET METAL
SM	SURFACE MOUNTED
SP	STANDPIPE
SPEC	SPECIFIED OR SPECIFICATION
SPK	SPRINKLER OR SPEAKER
SPKR	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
SSK	SERVICE SINK
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT
STL	STEEL
STOR	STORAGE
STRG	STRINGER
STRUCT	STRUCTURE OR STRUCTURAL
SUBCAT	SUBCATEGORY
SUSP	SUSPENDED
SYM	SYMMETRICAL
SYS	SYSTEM
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TOWEL BAR
TEL	TELEPHONE/TELECOM
TELE	TELEPHONE
TEMP	TEMPERATURE
TEMP	TEMPORARY
THK	THICKNESS
THRU	THROUGH
TKBD	TACK BOARD
TLT	TOILET
TMPD	TEMPERED
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TS	TUBE STEEL
TV	TELEVISION
TYP	TYPICAL
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
URNL	URINAL
VAC	VENTILATION AND AIR CONDITIONING
VAR	VARIES
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VISION PANEL
VR	VAPOR RETARDER
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	WIDE/WEST
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WIN	WINDOW
WM	WIRE MESH
WP	WATERPROOF/WATERPROOFING
WPM	WATERPROOF MEMBRANE
WS	WEATHER-STRIPPING
WSCT	WAINSCOT
WT	WEIGHT
WV	WATER VALVE
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH

PROJECT DIRECTORY

Project Address
996 Main Street
Minturn, CO 81645
Parcel Number: 2103-351-02-060
Lot 2, South Minturn Addition, A Resubdivision of Lot 51

Owner
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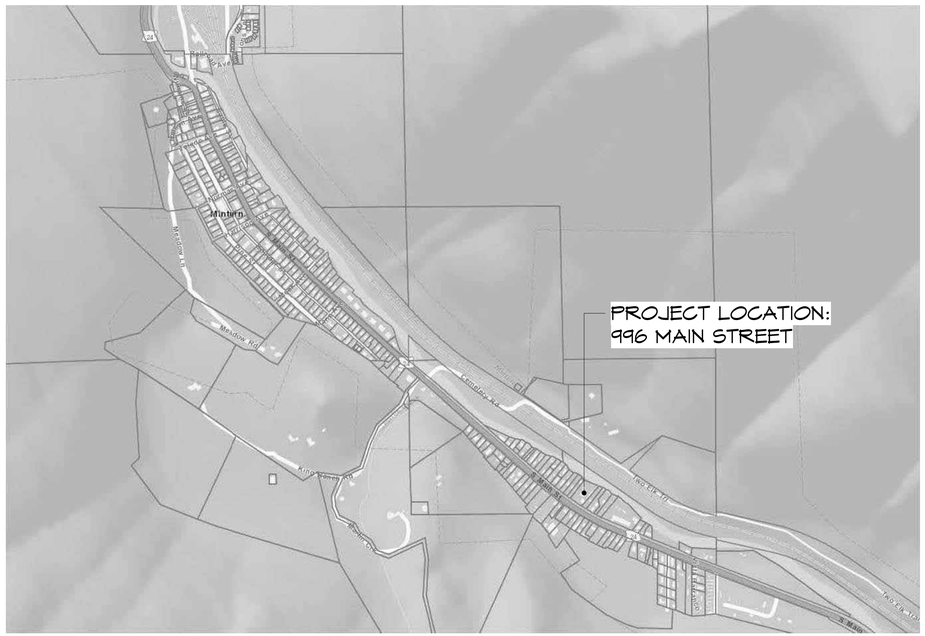
SHEET INDEX - Revisions

.	COVER
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AS101	SITE PLAN
AS102	LANDSCAPE PLAN
A001	LOT & BUILDING ANALYSIS, AREAS
A103	LOWER LEVEL FLOOR PLAN
A104	UPPER LEVEL FLOOR PLAN
A105	ROOF PLAN
A201	WEST & NORTH ELEVATIONS
A202	EAST & SOUTH ELEVATIONS



ENERGY CODE COMPLIANCE NOTES

1. ENERGY CODE REQUIREMENTS TO BE MET USING THE PRESCRIPTIVE METHOD AS OUTLINED IN THE 2018 INTERNATIONAL BUILDING CODE, THE 2018 INTERNATIONAL RESIDENTIAL CODE AND THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE
2. IRC TABLE N1102.1.2 (R402.1.2):
   A. ALL EXTERIOR WINDOWS AND DOORS TO HAVE A U-FACTOR OF <=0.30
   B. UNVENTED CEILINGS TO RECEIVE 5" R-35 SPRAY FOAM CAVITY INSULATION PLUS R-19 UNFACED BATT CAVITY INSULATION FOR TOTAL VALUE OF R-54
   C. ALL EXTERIOR WALLS TO BE 2x6 @ 16" O.C. WOOD FRAMED WITH R-23 MIN B.I.B. CAVITY INSULATION
   D. ALL CONCRETE WALLS ADJACENT TO CONDITIONED INTERIOR LIVING SPACE TO RECEIVE 2x4 @ 24" O.C. FURRED WALL WITH 1" MIN AIR SPACE, R-19 MIN CAVITY BATT INSULATION
   E. FLOORS OVER UNCONDITIONED CRAWL SPACES TO RECEIVE R-38 UNFACED BATT CAVITY INSULATION
   F. ALL CRAWL SPACE WALLS TO RECEIVE R-15 CONTINUOUS BLANKET INSULATION FROM TOP OF FOOTING TO UNDERSIDE OF FLOOR FRAMING
3. IRC 402.4.1.1: ALL AIR BARRIER AND THERMAL BARRIERS TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS
4. IRC 402.4.5: ALL IC-RATED RECESSED LIGHTING FIXTURES TO BE SEALED AT HOUSING/INTERIOR FINISH AND LABELED TO INDICATE <= 2.0 CFM LEAKAGE AT 75 Pa.
5. IRC 403.6: AUTOMATIC OR GRAVITY DAMPERS ARE INSTALLED ON ALL OUTDOORS AIR INTAKES AND EXHAUSTS
6. IRC 402.4.1.2: BLOWER DOOR TEST @ 50 Pa. <=5 ACH IN CLIMATE ZONE 7
7. IRC 303.2: CONDITIONED BASEMENT WALL INSULATION INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
8. IRC 303.2: UNVENTED CRAWL SPACE WALL INSULATION INSTALLED PER MANUFACTURER'S INSTRUCTIONS
9. IRC 303.2, 402.2.1: FLOOR INSULATION INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND IN SUBSTANTIAL CONTACT WITH THE UNDERSIDE OF THE SUBFLOOR, OR FLOOR FRAMING CAVITY INSULATION IS IN CONTACT WITH THE TOP SIDE OF SHEATHING, OR CONTINUOUS INSULATION IS INSTALLED ON THE UNDERSIDE OF FLOOR FRAMING AND EXTENDS FROM THE BOTTOM TO THE TOP OF ALL PERIMETER FLOOR FRAMING MEMBERS
10. IRC 303.2: WALL INSULATION TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS
11. IRC 303.1.1.1, 303.2: CEILING INSULATION INSTALLED PER MANUFACTURER'S INSTRUCTIONS. BLOWN INSULATION MARKED EVERY 300 FT2
12. IRC 402.2.4: ATTIC ACCESS HATCH AND DOOR INSULATION => R-VALUE OF THE ADJACENT ASSEMBLY


PROJECT LOCATION:
996 MAIN STREET
Minturn
Meadow Rd
Eagle River
Minturn Rd
Main St
Boneyard Rd
Eagle River
Eagle River
Eagle River



4 AERIAL VIEW NORTHWEST



2 AERIAL VIEW NORTHEAST



3 AERIAL VIEW SOUTHWEST



1 AERIAL VIEW SOUTHEAST

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(970) 390-4931
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Section 4, ItemB.

Bovino-Young Residence

996 Main Street
Minturn, CO 81645
Parcel number: 2103-351-02-060
Lot 2, South Minturn Addition, A Resub of Lot 51

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#	Description	Date
1	Progress	03/29/21
2	Building Permit	07/13/21
3	Foundation Revisions	08/01/21
5	Framing Set	01/05/22
7	Window Revisions	03/21/22
12	Exterior Revisions	08/15/22
16	Exterior Revisions	01/04/23
18	Design Revisions	08/09/24

Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

AERIAL VIEWS

01



4 PERSPECTIVE NORTHWEST



2 PERSPECTIVE NORTHEAST



3 PERSPECTIVE SOUTHWEST



1 PERSPECTIVE SOUTHEAST

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7	Window Revisions	03/21/22
12	Exterior Revisions	08/15/22
16	Exterior Revisions	01/04/23
18	Design Revisions	08/09/24

Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

PERSPECTIVE VIEWS

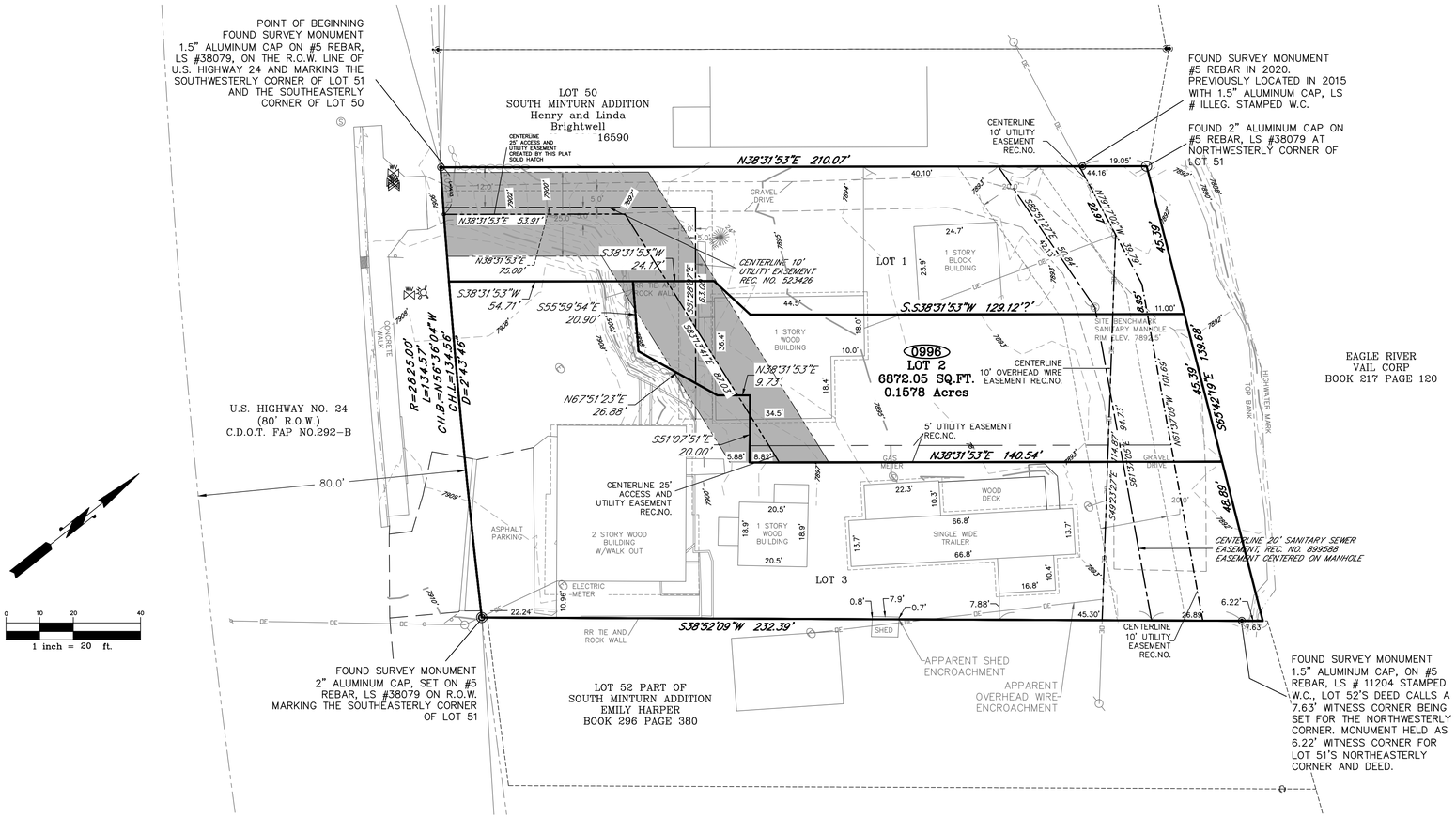
02

TOPOGRAPHIC SURVEY

LOT 2

SOUTH MINTURN ADDITION, A RESUBDIVISION LOT 51

TOWN OF MINTURN, COUNTY OF EAGLE, STATE OF COLORADO



PROPERTY DESCRIPTION:

LOT 2, SOUTH MINTURN ADDITION, A RESUBDIVISION OF LOT 51, according to the final plat thereof recorded _____ at Rec.No. _____ at the Eagle County Clerk and Recorders Office, County of Eagle, State of Colorado.

NOTES:

1) DATE OF SURVEY: SEPTEMBER 15, 2020

2) STREET ADDRESS: 996 Main Street (U.S. Highway 24) Not Posted

3) Location of improvements and lot lines are based upon the above said final plat, the Annexation Plat of South Minturn Addition to the Town of Minturn, recorded in Rec.No. 163774, C.D.O.T. Project No. FAP NO.292-B and Survey Monuments found at the time of this survey. Title Commitment provided by Land Title Guarantee Company, Order No. V50057057 with an effective date of 6-10-2020 was provided for this survey. Kipp Land Surveying also performed an Improvement Survey Plat to be recorded at the Eagle County Engineering Office.

4) BASIS OF BEARINGS: Between a 1.5" Aluminum Cap on #5 Rebar, LS #38079 marking the Northwesterly corner of Said Lot 51 being the Southwesterly corner of Said Lot 50 and a #5 Rebar Witness Corner, being a point on line for said Lots 50 and 51, bearing N38°31'53"E as shown hereon.

5) BENCHMARK: NGS Monument S-280. Elev. = 7894.2' NAVD 88.

7) U.S Survey Feet was used for this Survey.

8) Notice; According to Colorado Law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect, in no event, may any action based upon any defect in this survey be commenced more than ten years from the date of certification shown hereon.

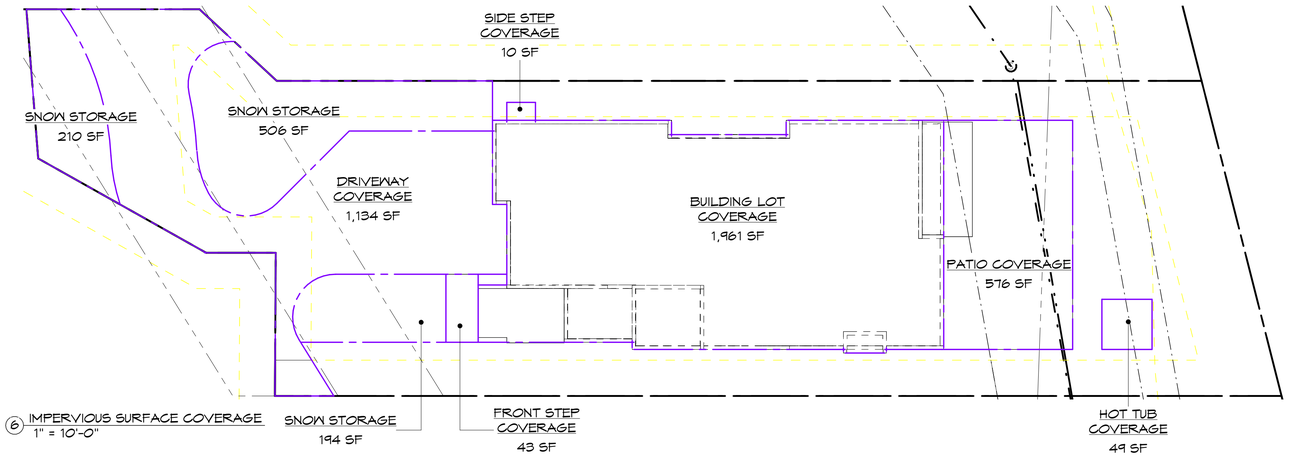
CERTIFICATION:

I, Randall P. Kipp, a Registered Professional Land Surveyor in the State of Colorado, hereby certify that this TOPOGRAPHIC SURVEY was done by me or under my direct supervision, and that it was performed using the standard care and practice used in the area at the time of the survey. The Notes hereon are a part of this certification.

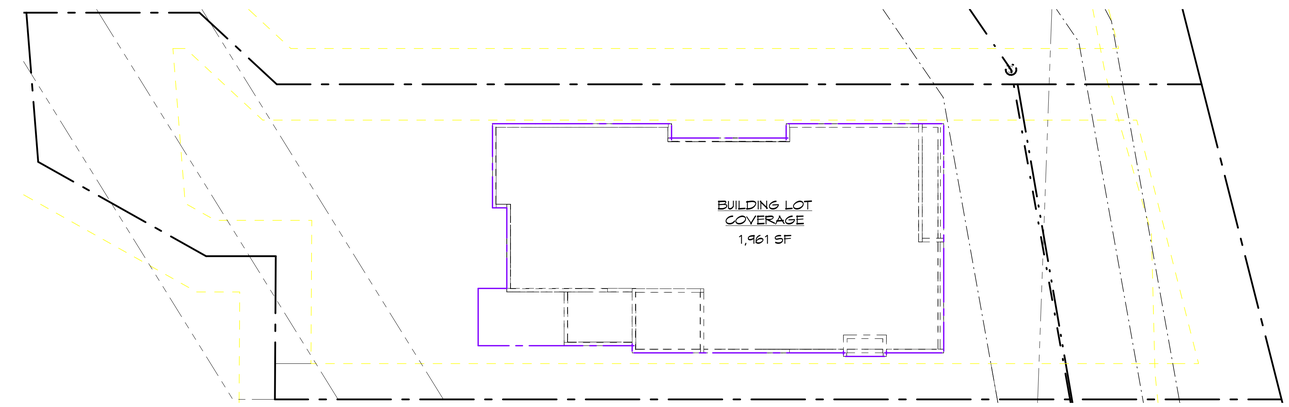
COLORADO LICENSED
RANDALL P. KIPP
38079
4-5-21
PROFESSIONAL LAND SURVEYOR

Randall P. Kipp
P.L.S. No. 38079
Colorado Professional
Land Surveyor

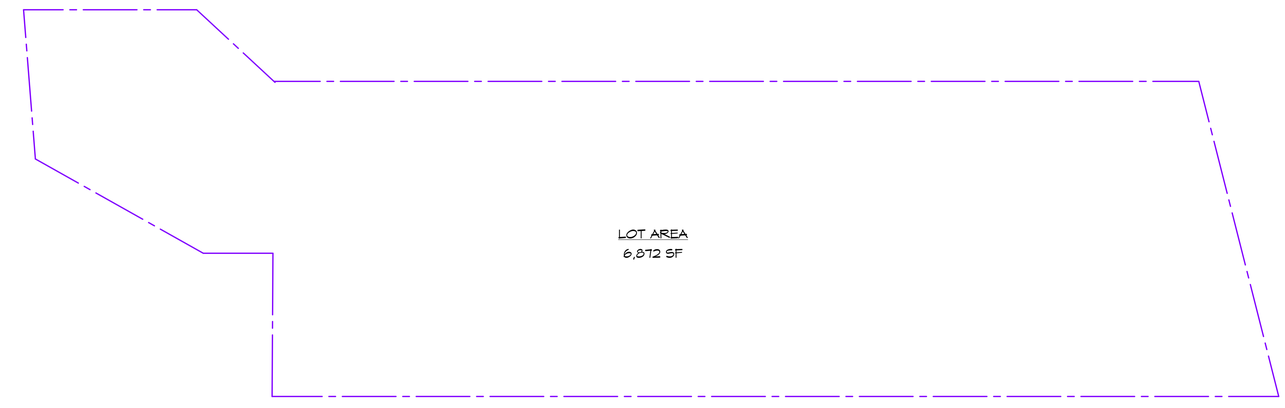
Topographic Survey LOT 2 *South Minturn Addition* *A Resubdivision of Lot 51* *Town of Minturn, County of Eagle, Colorado*	*KIPP LAND SURVEYING* *RANDY KIPP P.L.S.* *P.O. Box 3154* *Eagle, CO 81631* *(970) 390-9540* *email: randy@kipplandsurveying.com* *web: kipplandsurveying.com*
JOB NO.: 201129 *DATE: 04-05-21*	
SHEET 1 OF 1 *DWG NAME: 201129-LOT 2 SMA Topo2*	



6 IMPERVIOUS SURFACE COVERAGE
1" = 10'-0"



5 BUILDING LOT COVERAGE
1" = 10'-0"



4 LOT AREA
1" = 10'-0"

BUILDING LOT COVERAGE

BUILDING LOT COVERAGE	1,961 SF
	1,961 SF

LOT AREA & ALLOWABLE COVERAGE

LOT AREA	BUILDING LOT COVERAGE 40%	IMPERVIOUS SURFACE COVERAGE 55%
6,872 SF	2,092 SF	3,780 SF

IMPERVIOUS SURFACE COVERAGE

DRIVEWAY COVERAGE	Not Placed
BUILDING LOT COVERAGE	1,961 SF
DRIVEWAY COVERAGE	1,134 SF
FRONT STEP COVERAGE	43 SF
HOT TUB COVERAGE	49 SF
PATIO COVERAGE	576 SF
SIDE STEP COVERAGE	10 SF
	3,772 SF

SNOW STORAGE

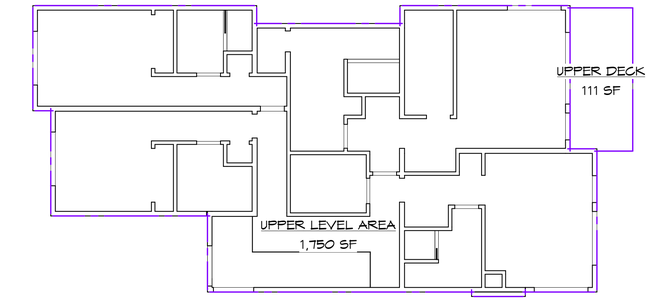
SNOW STORAGE	194 SF
SNOW STORAGE	506 SF
SNOW STORAGE	210 SF
	911 SF

LIVEABLE FLOOR AREA

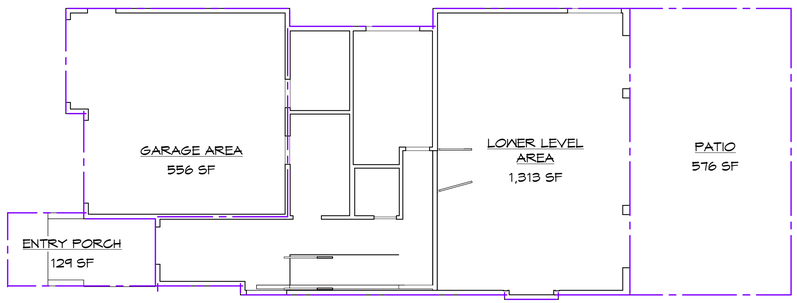
LOWER LEVEL AREA	1,313 SF
UPPER LEVEL AREA	1,750 SF
	3,063 SF

TOTAL BUILDING AREA

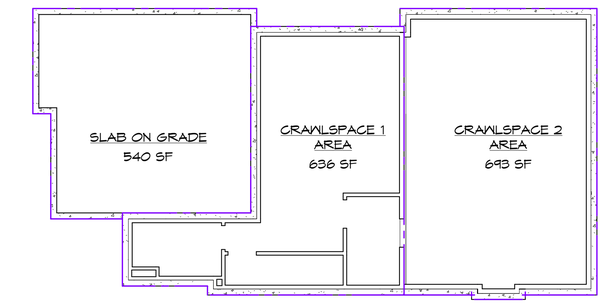
GARAGE AREA	556 SF
LOWER LEVEL AREA	1,313 SF
UPPER LEVEL AREA	1,750 SF
TOTAL BUILDING AREA	3,619 SF



3 UPPER LEVEL AREA PLAN
1/8" = 1'-0"



2 LOWER LEVEL AREA PLAN
1/8" = 1'-0"



1 BASEMENT LEVEL AREA PLAN
1/8" = 1'-0"

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Bovino-Young Residence

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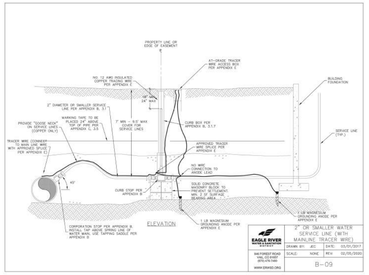
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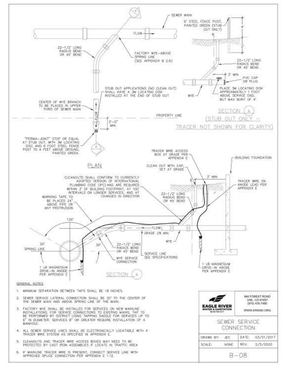
Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

LOT & BUILDING ANALYSIS, AREAS

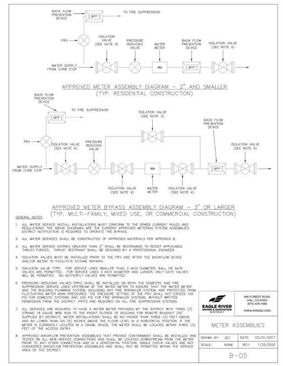
A001



4 ERWSD DETAIL B-09



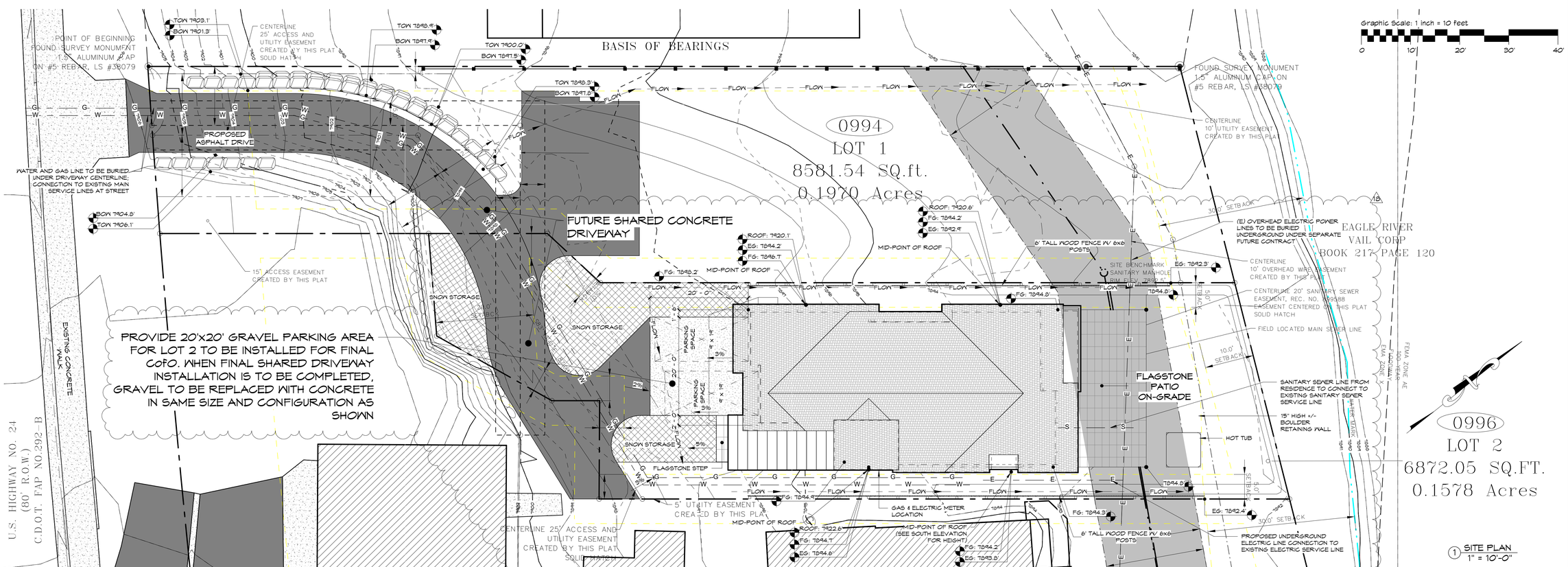
3 ERWSD DETAIL B-08



2 ERWSD DETAIL B-05

SITE AND LANDSCAPE NOTES

1. ALL DISTURBED GROUND SURFACE WITHIN 30' LIVE STREAM SETBACK TO BE REVEGETATED WITH NATIVE GRASS AND WILD FLOWER SEED MIX; PROVIDE TEMP IRRIGATION FOR 2YR MIN, OR UNTILL ESTABLISHED.
2. ALL DISTURBED GROUND SURFACE OUTSIDE OF 30' LIVE STREAM SETBACK TO BE SEEDED WITH DROUGHT-TOLERANT BLUE GRASS SEED MIX. PROVIDE PERMANENT IRRIGATION WITH CLOCK TIMER.
3. ALL NEW TREE, SHRUB, FLOWER BED, ETC. PLANTINGS TO HAVE PERMANENT DRIP AND/OR SPRAY IRRIGATION WITH CLOCK TIMER.



mpp design shop, inc.
PO Box 288
Gypsum, CO 81637
(970) 390-4931
michael@mppdesignshop.com

Bovino-Young Residence

996 Main Street
Minturn, CO 81645
Parcel number: 2103-351-02-060
Lot 2, South Minturn Addition, A Resub of Lot 51

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#	Description	Date
1	Progress	03/29/21
2	Building Permit	07/13/21
3	Foundation Revisions	08/01/21
5	Framing Set	01/28/22
1B	Design Revisions	08/09/24

Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

SITE PLAN

AS101

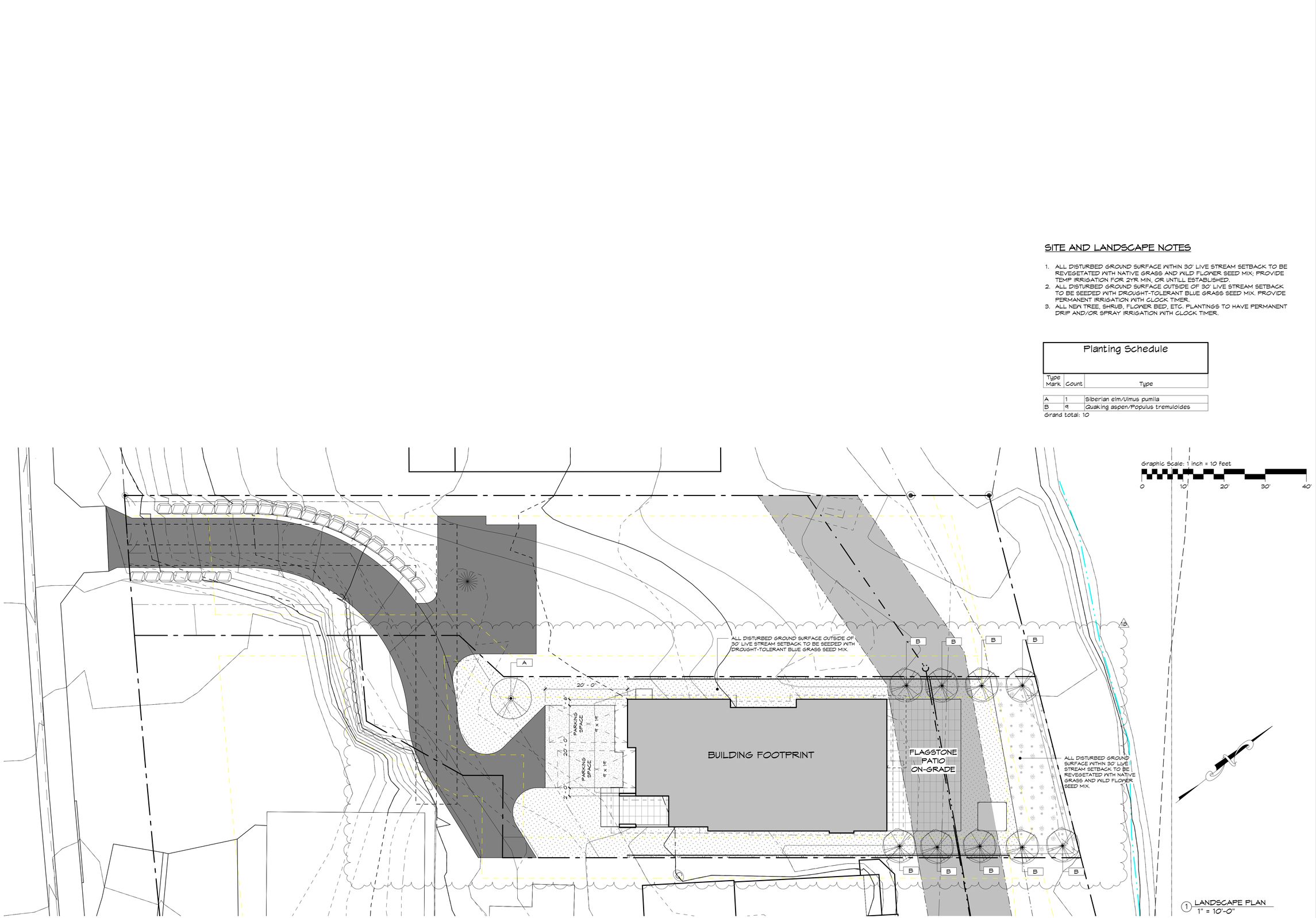
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Planting Schedule

Type Mark	Count	Type
A	1	Siberian elm/Ulmus pumila
B	9	Quaking aspen/Populus tremuloides

Grand total: 10



1 LANDSCAPE PLAN
1" = 10'-0"

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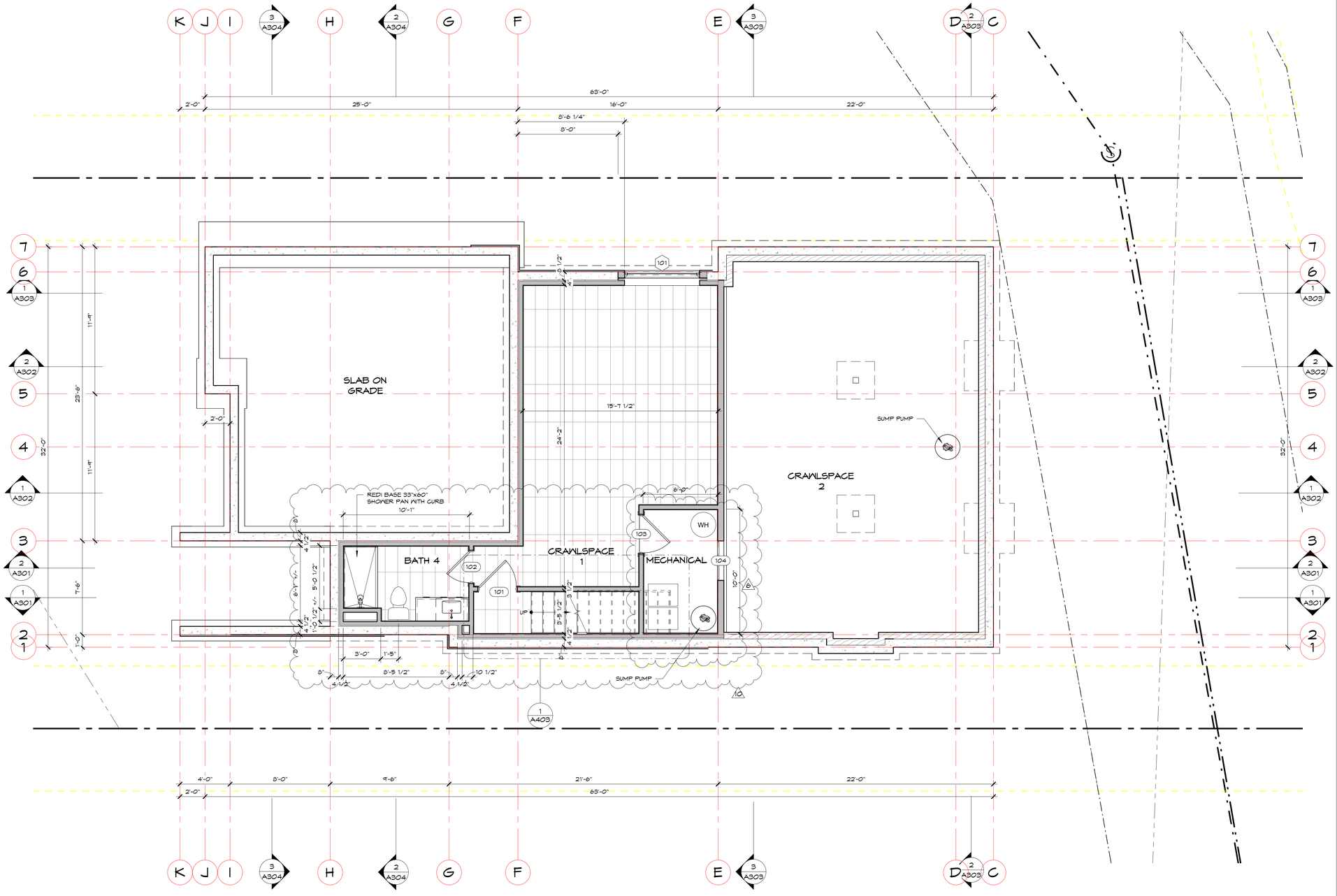
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#	Description	Date
2	Building Permit	07/13/21
3	Foundation Revisions	08/01/21
5	Framing Set	01/05/22
18	Design Revisions	08/09/24

Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

LANDSCAPE PLAN

AS102



1 BASEMENT FLOOR PLAN
1/4" = 1'-0"

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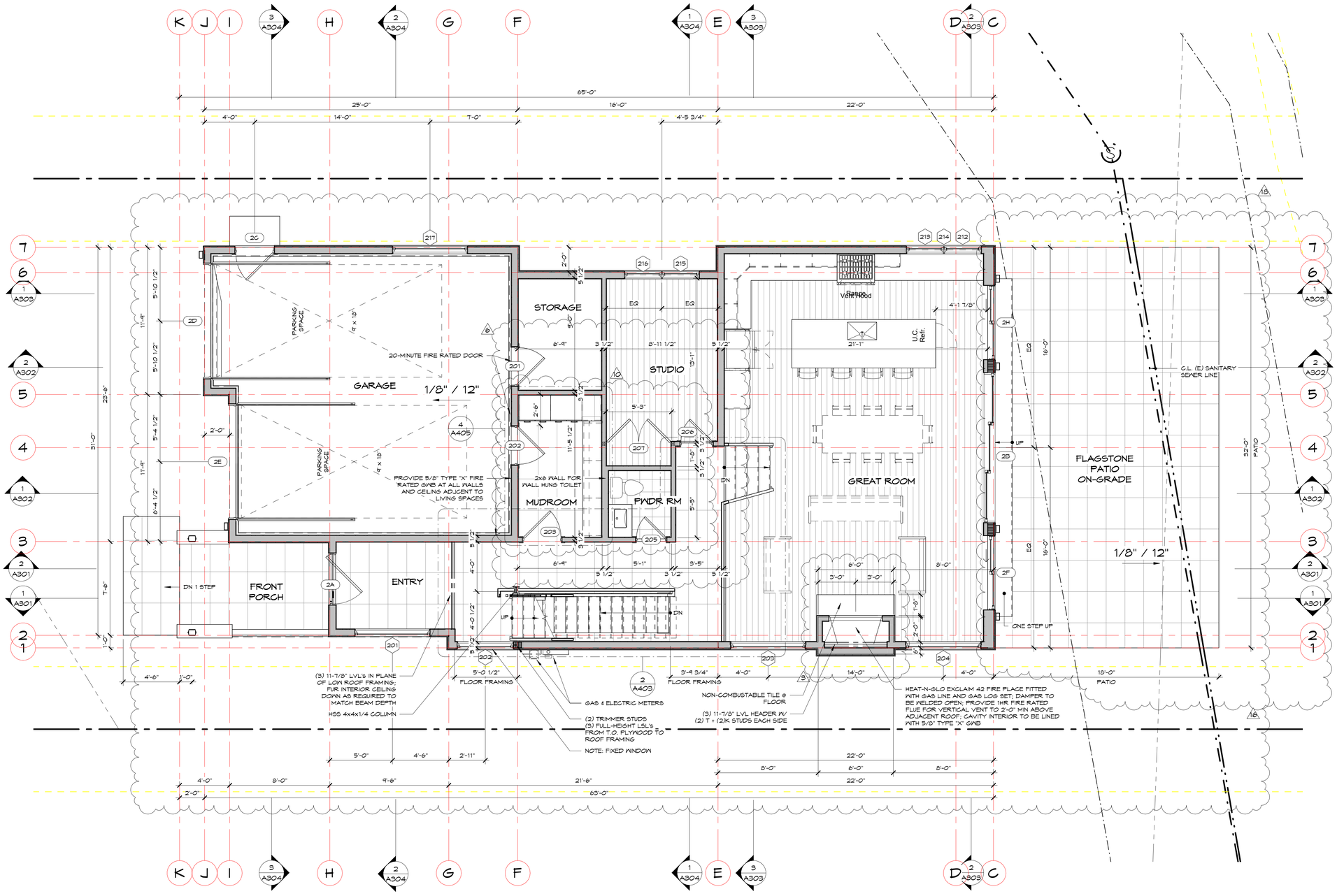
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#	Description	Date
1	Progress	03/29/21
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3	Foundation Revisions	08/01/21
5	Framing Set	01/05/22
6	Interior Door Schedule	01/26/22
7	Window Revisions	03/21/22
8	Interior Doors	05/26/22
10	Framing Revisions	07/12/22
12	Exterior Revisions	08/15/22
16	Exterior Revisions	01/04/23
18	Design Revisions	08/09/24

Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

BASEMENT FLOOR PLAN

A102



1 LOWER LEVEL FLOOR PLAN
1/4" = 1'-0"

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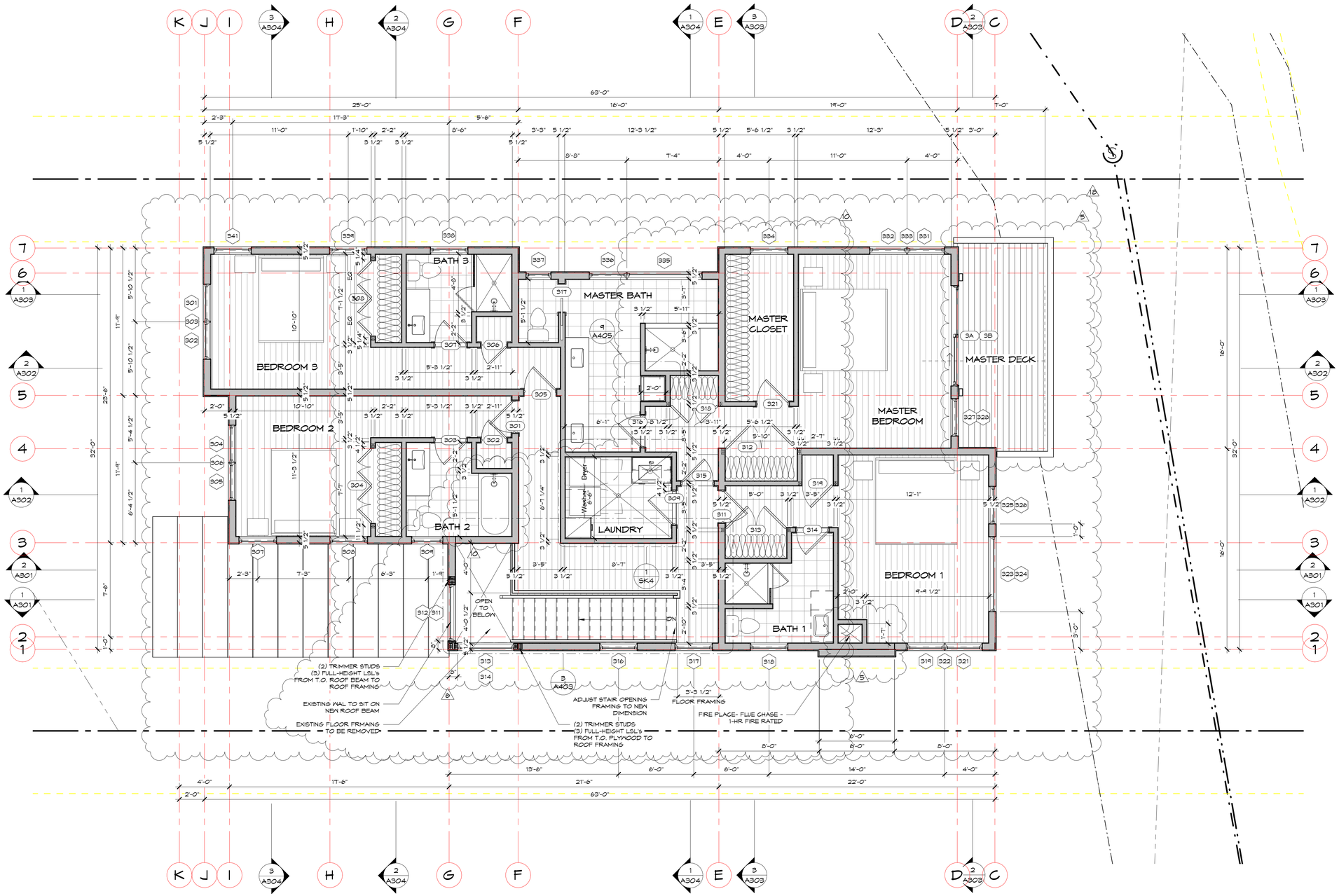
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12	Exterior Revisions	08/15/22
16	Exterior Revisions	01/04/23
18	Design Revisions	08/09/24

Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

LOWER LEVEL FLOOR PLAN

A103



1 UPPER LEVEL FLOOR PLAN
1/4" = 1'-0"

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Bovino-Young Residence

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Parcel number: 2103-351-02-060
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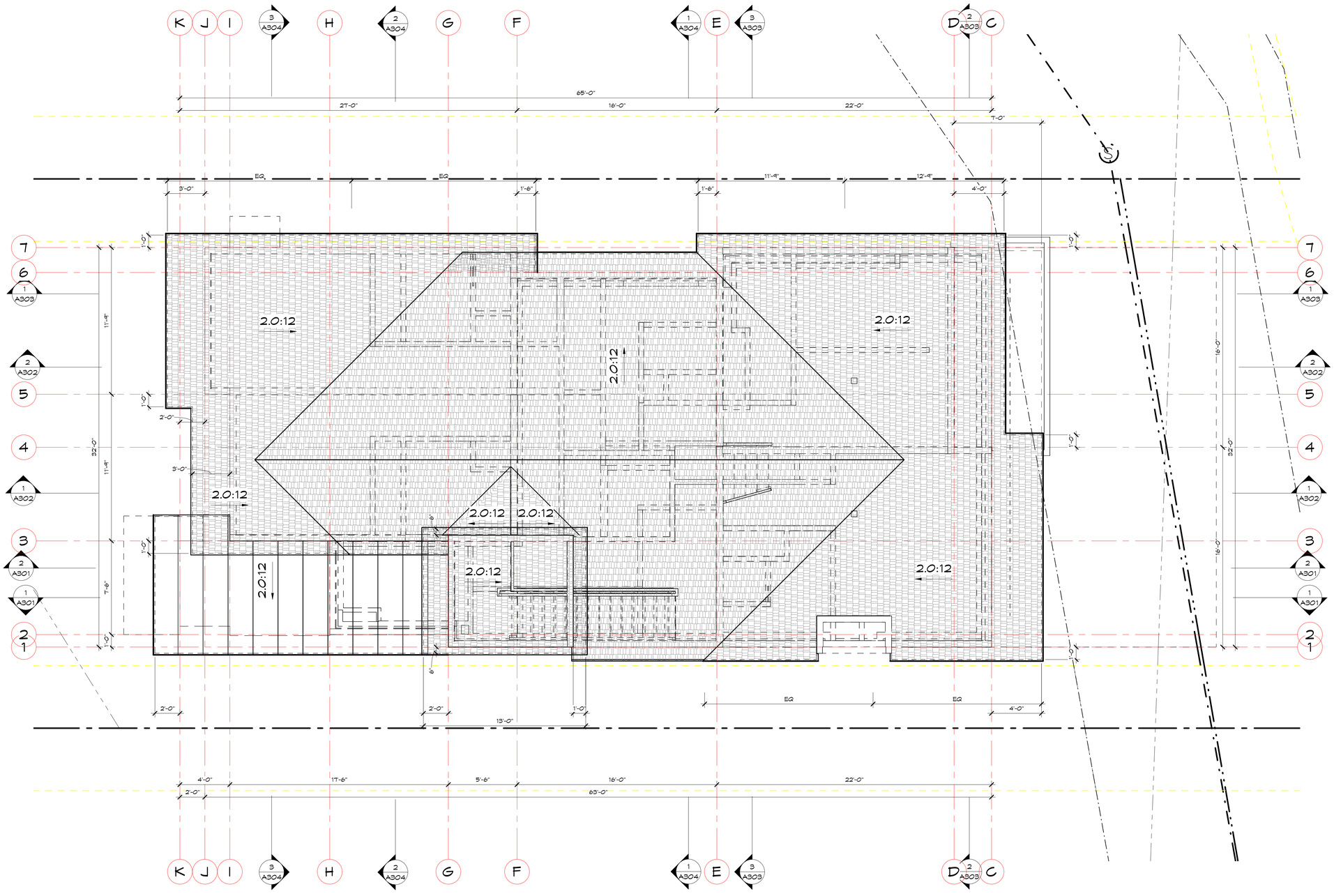
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16	Exterior Revisions	01/04/23
18	Design Revisions	08/09/24

Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

UPPER LEVEL FLOOR PLAN

A104



1 ROOF PLAN
1/4" = 1'-0"

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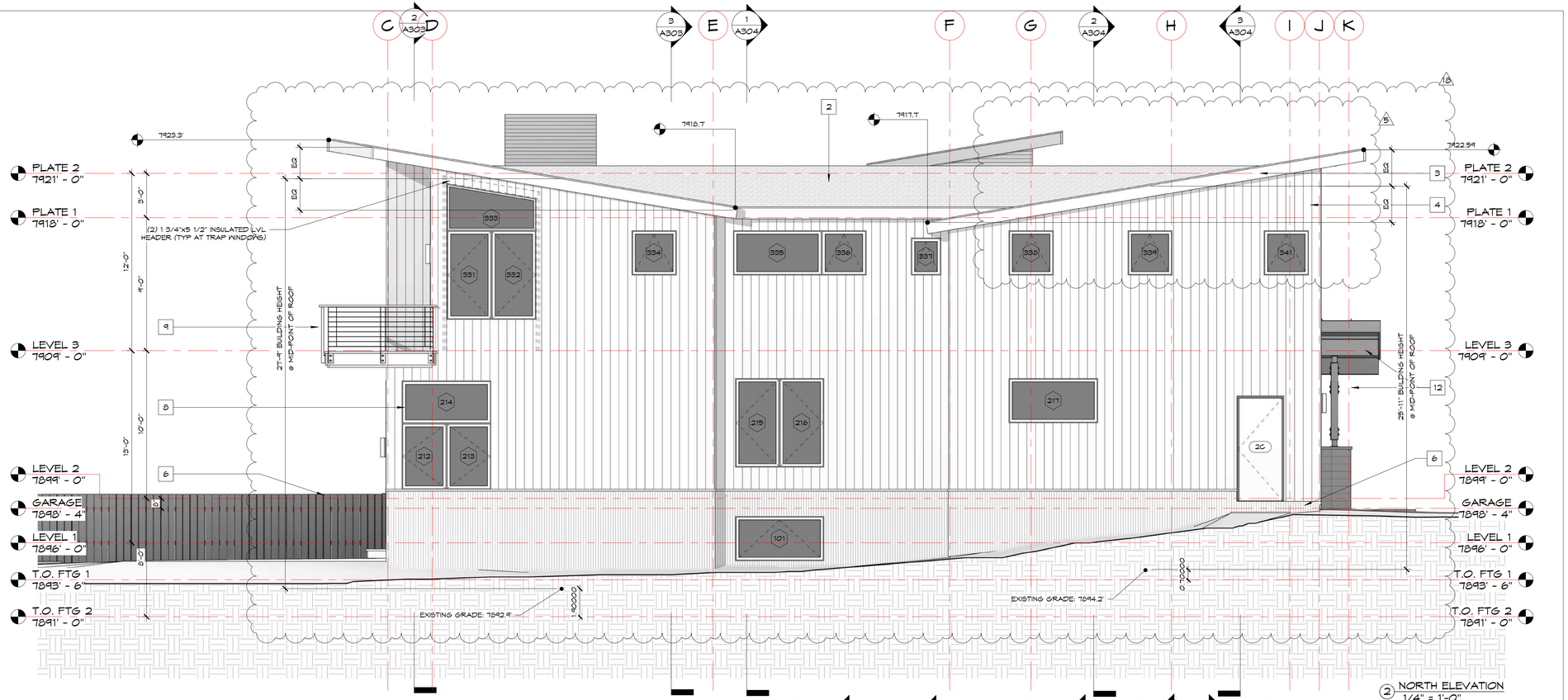
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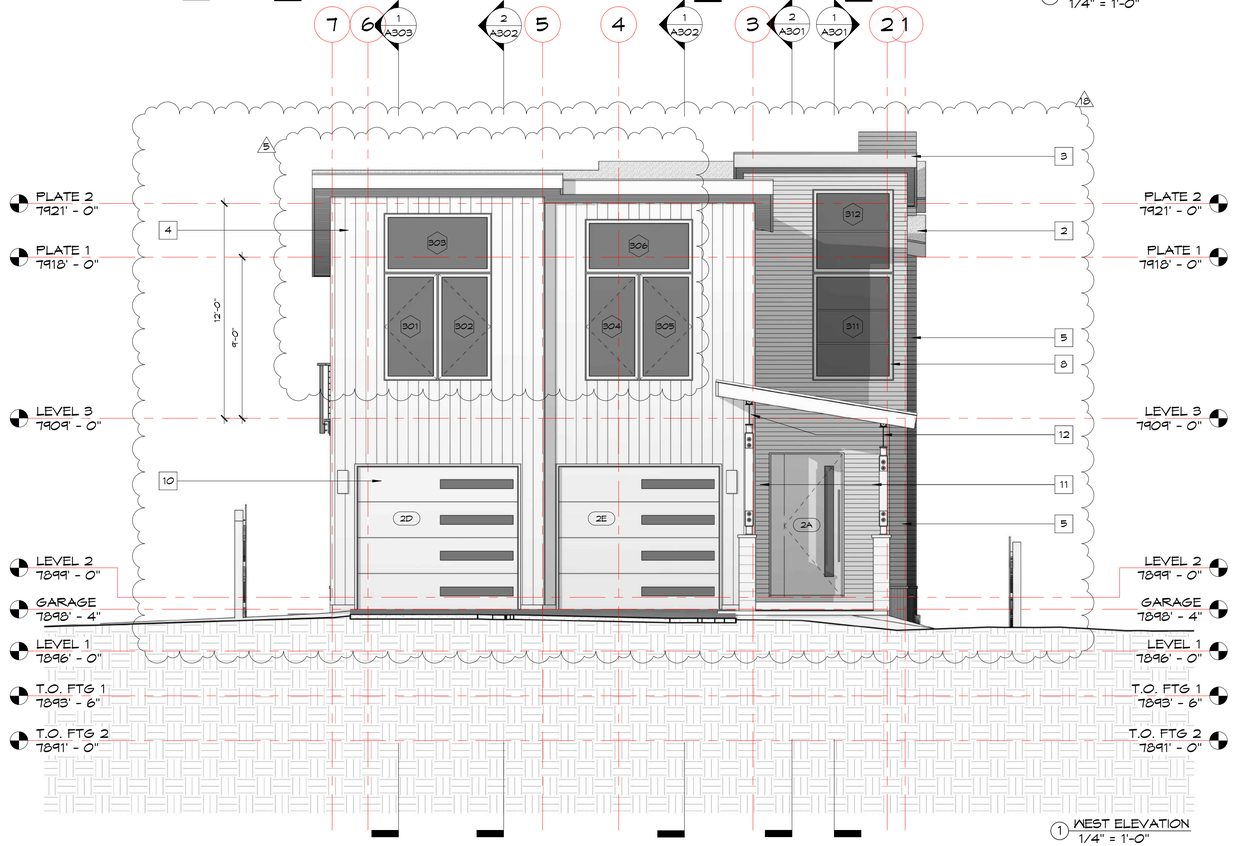
Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

ROOF PLAN

A105



② NORTH ELEVATION
1/4" = 1'-0"



① WEST ELEVATION
1/4" = 1'-0"

EXTERIOR METERIAL LEGEND

Key	Material	Manufacturer	Model	Color	Finish	Notes
1	STANDING SEAM METAL ROOF			DARK GRAY	PRE-FINISHED PAINT	
2	ASPHALT SHINGLE ROOF			DARK GRAY		
3	2x10 FASCIA, WOOD			STAINED BLACK	OPAQUE STAIN	
4	VERTICAL WOOD SIDING		1x8, NICKEL GAP	STAINED WHEATHERED GRAY	OPAQUE STAIN	
5	HORIZONTAL WOOD SIDING		1x4, NICKEL GAP	STAINED BLACK	OPAQUE STAIN	
6	CORRUGATED METAL SIDING			RUST	PRE-PATINAED, CLEAR SEALER	
8	WOOD FRAME ALUMNIUM CLAD WINDOWS			BLACK	PRE-FINISHED PAINT	
9	METAL RAILING			BLACK	POWDER COATED	
10	GARAGE DOORS W/ METAL PANEL			BLACK		
11	EXTERIOR LIGHTING			BLACK	PAINT	EXTERIOR FULL CUT OFF, DARK SKY COMPLIANT WALL SCONCE
12	STEEL COLUMNS & BEAMS			BLACK	PAINT	

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Section 4, ItemB.

Bovino-Young Residence

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Minturn, CO 81645
Parcel number: 2103-351-02-060
Lot 2, South Minturn Addition, A Resub of Lot 51

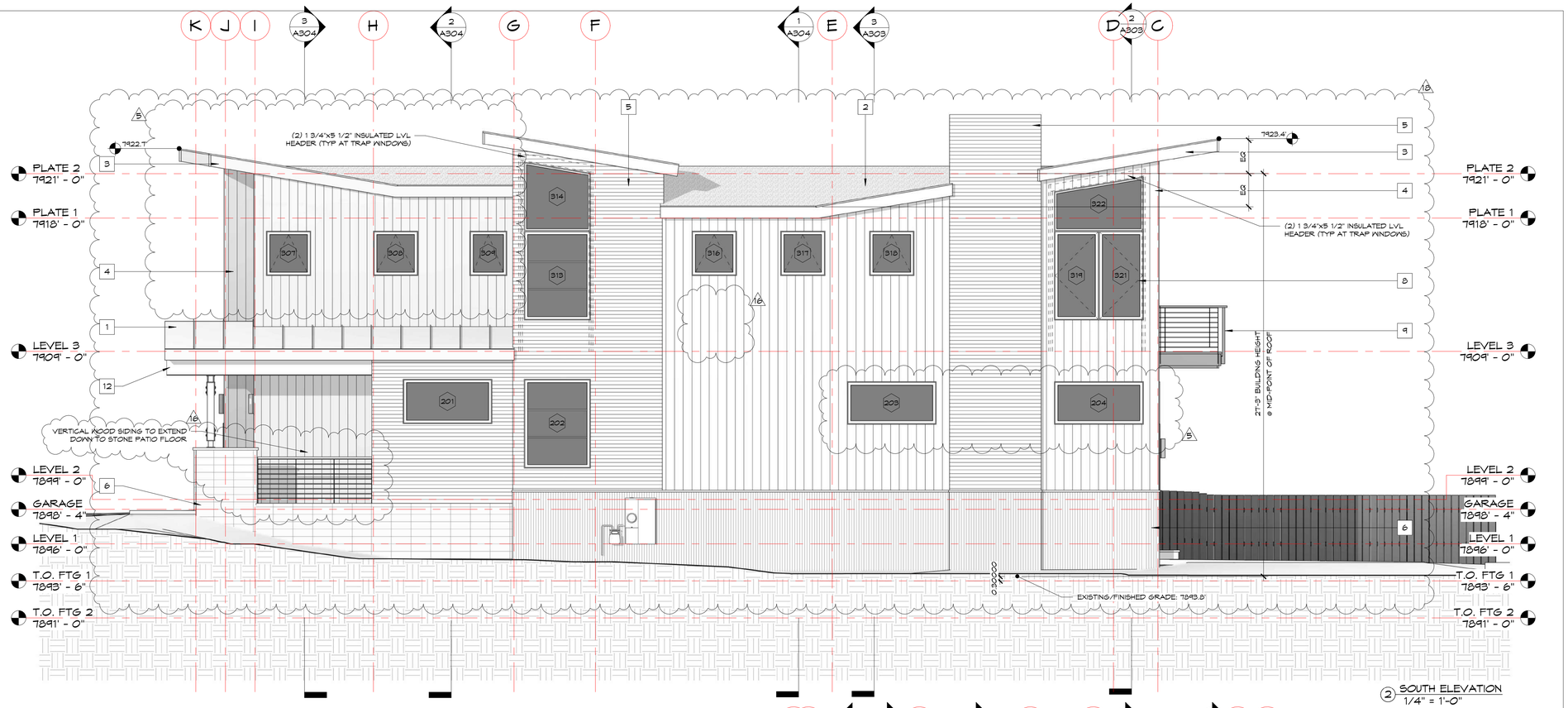
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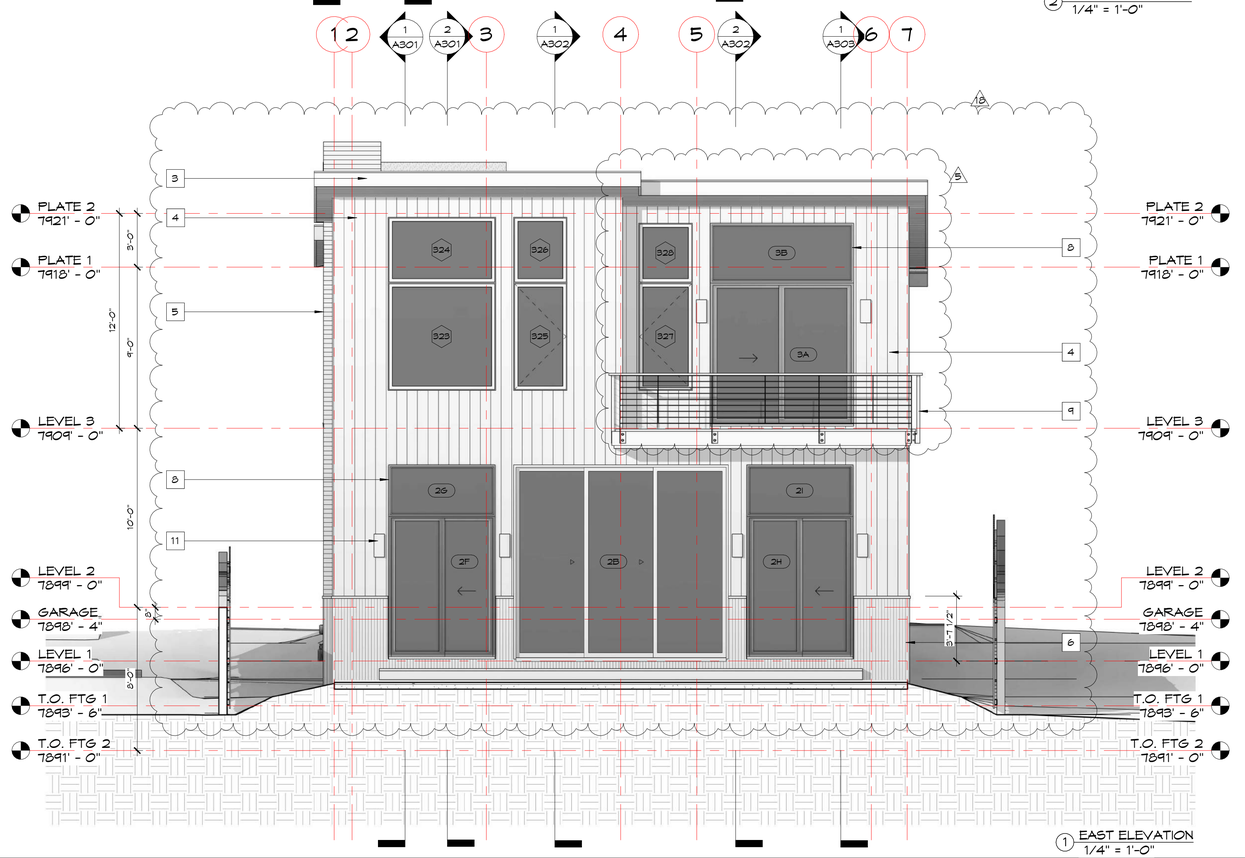
Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

WEST & NORTH ELEVATIONS

A201



② SOUTH ELEVATION
1/4" = 1'-0"



① EAST ELEVATION
1/4" = 1'-0"

EXTERIOR METERIAL LEGEND

Key	Material	Manufacturer	Model	Color	Finish	Notes
1	STANDING SEAM METAL ROOF			DARK GRAY	PRE-FINISHED PAINT	
2	ASPHALT SHINGLE ROOF			DARK GRAY		
3	2x10 FASCIA, WOOD			STAINED BLACK	OPAQUE STAIN	
4	VERTICAL WOOD SIDING		1x8, NICKEL GAP	STAINED WHEATHERED GRAY	OPAQUE STAIN	
5	HORIZONTAL WOOD SIDING		1x4, NICKEL GAP	STAINED BLACK	OPAQUE STAIN	
6	CORRUGATED METAL SIDING			RUST	PRE-PATINAED, CLEAR SEALER	
8	WOOD FRAME ALUMNIUM CLAD WINDOWS			BLACK	PRE-FINISHED PAINT	
9	METAL RAILING			BLACK	POWDER COATED	
10	GARAGE DOORS W/ METAL PANEL			BLACK		
11	EXTERIOR LIGHTING			BLACK	PAINT	EXTERIOR FULL CUT OFF, DARK SKY COMPLIANT WALL SCONCE
12	STEEL COLUMNS & BEAMS			BLACK	PAINT	

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16	Exterior Revisions	01/04/23
18	Design Revisions	08/04/24

Project Number:	2010
Designed by:	mpp
Drawn by:	mpp
Checked by:	mpp

EAST & SOUTH ELEVATIONS

A202

Eagle County, CO
Regina O'Brien
Pgs: 14
REC: $78.00
DOC: $0.00

202218534
12/02/2
03:18:28 PM

ENCROACHMENT LICENSE AGREEMENT

This Encroachment License Agreement ("Agreement") is entered into this 2 day of December, 2022, by and between the **EAGLE RIVER WATER AND SANITATION DISTRICT**, a political subdivision of the State of Colorado ("Licensor") and **Mark William Young and Beth Ann Bovino** ("Licensee" and, together with Licensor, the "Parties").

WHEREAS, Licensor is the owner of a sewer easement recorded in the public records of the Eagle County, Colorado, Clerk and Recorder's Office, at Reception No. 899588, and described on **Exhibit A** attached hereto (collectively, the "Easement"); and

WHEREAS, Licensee is the fee owner of real property encumbered by the Easement (the "Property") which is located at **Lot 2A, a Re-subdivision of Lot 51 of the South Minturn Addition Subdivision (also known as: 996 Main St, Minturn, CO)**; and

WHEREAS, Licensee proposes to encroach upon Licensor's Easement for the benefit of Licensee's Property by locating a flagstone patio and step and a roof overhang, improvements thereon, the area, nature, and purpose of the encroachment ("Encroachment") being more fully described on **Exhibit B** attached hereto (the area of the Encroachment being referred to as the "Encroachment Area"); and

WHEREAS, Licensor generally prohibits encroachments into Licensor's easements, but recognizes extenuating circumstances occasionally make such an encroachment appropriate; and

WHEREAS, Licensor has, in this case, determined to consent to the Encroachment upon the terms and conditions contained herein;

NOW, THEREFORE, in consideration of the terms and conditions hereinafter set forth, the Parties agree as follows:

1. Consent to Encroachment. Licensor hereby consents to the Encroachment as fully described on Exhibit B. Any and all rights granted to Licensee under this Agreement shall be exercised at Licensee's sole cost, risk, and expense, and shall be subject to the dominant and continuing right of Licensor to use any and all of the Encroachment Area for Licensor's purposes; and shall further be subject to all prior deeds, easements, dedications, conditions, franchises, covenants, restrictions, encroachments and claims of title of record that may affect the Encroachment Area. Nothing contained in this Agreement shall be deemed to grant, convey, create, or vest in Licensee any real property interest in the land; including, but not limited to, any fee, leasehold interest, easement, servitude, or irrevocable license.

2. Use of Encroachment Area. Licensee agrees that it will utilize the Encroachment Area solely for the Encroachment purposes described on Exhibit B, and for no other purpose.

3. No Interference. All costs associated with modification, removal or damage to Licensee's Encroachment by the Licensor related to Licensor's use of the Easement (and all incremental costs initially incurred by Licensor in attempting to avoid the modification, removal, or damage to Licensee's Encroachment) shall be solely the responsibility of Licensee. Licensee, in the performance and exercise of its rights under this Agreement, shall not damage or interfere in any way with the use, operation, maintenance, repair, or replacement of any facility that is owned, operated, and maintained by Licensor or its assignees within the Easement. Should Licensee's Encroachment cause Licensor's use of the Easement and related facilities to be more costly, or to be interfered with or damaged, Licensee shall, within thirty (30) days of billing, pay all costs and expenses associated with Licensor's more costly use or with Licensor's repair of any damage to Licensor's facilities or removal of any interference. Under any and all circumstances, all work that is necessary to repair any damage to or remove any interference with the Licensor's facilities shall be at Licensee's sole cost and expense. Licensor, in emergency situations, may, at Licensee's sole cost and expense, repair any and all damage to and remove any and all interference with the Licensor's facilities without prior notice to Licensee. In using its Easement, Licensor agrees to make a reasonable effort to avoid damage to Licensee's Encroachment, but Licensor shall not be liable for any damage to the Encroachment. In the event Licensor incurs additional costs as a result of any efforts to avoid damage to Licensee's Encroachment, Licensee shall within thirty (30) days of billing, pay all costs and expenses associated with such efforts.

4. Compliance with Laws. Licensee shall comply with all federal, state, and local laws in the exercise and performance of its rights and obligations under this Encroachment Agreement.

5. Encroachment Policy. This Encroachment Agreement is subject to the reasonable terms and conditions of any encroachment policy as it may now exist or may subsequently be amended by the Licensor at its sole discretion and without notice.

6. Indemnification and Waiver. To the extent authorized by law Licensee hereby agrees to indemnify, defend, protect, and hold harmless Licensor, its officers, and employees, from and against any and all claims, damages, losses, liabilities, fines, penalties, of whatsoever kind or nature, including, but not limited to reasonable attorneys' fees that are incurred by Licensor and that arise in connection with Licensee's activities that are undertaken, authorized or obligated pursuant to this Agreement. Such liability shall specifically, without limitation, extend to claims of third parties arising from the presence of the Licensee's Encroachment

7. Limitation on Licensor's Liability. Licensor shall have no liability to Licensee or third persons related to Licensee's Encroachment, including, but not limited to, damages to the Licensee's improvements resulting from Licensor's dominant use of the Encroachment Area or from the repair of Licensor facilities or the installation of any additional facilities in the future within the Easement.

8. Termination. Licensor may terminate this Agreement at any time, without notice, by recording in the Eagle County, Colorado, Clerk and Recorder's Office a notice of termination of Encroachment License Agreement if Licensor determines that the Licensee's improvements interfere with Licensor's current or prospective use of the Easement. Licensor shall endeavor, but not be obligated, to provide Licensee with thirty (30) days' notice of its intent to terminate the Agreement.

9. Successors and Assigns. The rights and obligations of this Agreement shall be appurtenant to and deemed to run with the Property, or until such earlier time as the Licensor terminates this Agreement or abandons the Easement. This Agreement shall be recorded against the Property in accordance with the laws of the State of Colorado.

10. Integrated Agreement. This Agreement contains the entire understanding between the Parties hereto with respect to the subject matter hereof. There are no representations, agreements, or understandings (whether oral or written) between or among the Parties relating to the subject matter of this Agreement which are not fully expressed herein.

11. Property Access. Independent of any other rights held by Licensor, Licensee grants Licensor the right to access the Easement for maintenance, repair, and replacement on and across the Property.

IN WITNESS WHEREOF, and in order to bind themselves legally to the terms and conditions of this Agreement, duly authorized representatives of the Parties have executed this Agreement as of the date first set forth above.

LICENSOR

By: J Linn Brooks
Linn Brooks, General Manager of Eagle River Water and Sanitation District

LICENSEE

By: William Mark Young
Name: WILLIAM MARK YOUNG
Title: OWNER

ACKNOWLEDGEMENT

STATE OF ~~COLORADO~~ New York)
) ss.
COUNTY OF New York)

The foregoing instrument was acknowledged before me this 30 day of November, 2022, by William Mark Young as ~~[redacted]~~ of LICENSEE.

Witness my hand and official seal.

My commission expires: 12-26-25

Constance Andonian
Notary Public

CONSTANCE ANDONIAN
Notary Public, State of New York
No. 01AN4960360
Qualified in Westchester County
Commission Expires December 26, 2025

EXHIBIT A

(Description of Easement)

CLAIM OF EASEMENTS

WHEREAS, the Eagle River Water and Sanitation District ("District") operates and maintains underground sewer lines and appurtenances across and under certain real property situated in the County of Eagle, State of Colorado, including that area primarily located within the Town of Minturn and described in the Exhibits attached hereto, which consist of the following:

Exhibit A. Legal description of the sewer main, ten (10) feet each side of which the District claims a sewer easement (the "Sewer Easements").

Exhibit B. (B-1 and B-2) Two survey maps showing the location of the sewer main and the Sewer Easements which the District claims; with certain shaded areas showing previously recorded sewer easements.

Exhibit C. List of Property Owners, which list is keyed by number to the Lots on Exhibit B.

Exhibit D. (D-1 through D-41) Forty-one (41) specific lot-by-lot descriptions of the Sewer Easements being claimed; and

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Teak J Simonton Eagle, CO 173

WHEREAS, the District has operated and maintained the sewer main facilities shown on Exhibits A, B and D openly for over thirty (30) years of uninterrupted adverse use, greatly exceeding the eighteen (18) year period under § 38-41-101(1), C.R.S., giving rise by statute to this claim of prescriptive easement rights; and

WHEREAS, in the alternative, the owners of the properties affected by the Sewer Easements, or the predecessors in title (collectively "Owners") knew of and acquiesced to the District's original construction of the sewer facilities within the Sewer Easements giving rise to the claim of easement by acquiescence; and

WHEREAS, the District believes the Owners have known of the continuing existence of the sewer main as a result of the District's regular open operation and maintenance of the sewer facilities in the Sewer Easements, and the existence of manholes locating the sewer mains, which findings thereby together establish by Colorado law, an easement by acquiescence, by prescription, or otherwise.

NOW THEREFORE, the District claims non-exclusive, perpetual Sewer Easements ten (10) feet each side of the sewer main described in Exhibit A, and generally drawn as shown on Exhibit B and Exhibits D-1 through D-41; based upon the law of Prescription and Acquiescence. The Sewer Easements burden each of the properties shown on Exhibits A, B and D-1 through D-41, and shall run with the land and shall constitute a continuing burden against the property interests encumbered by the Sewer Easements.

Pursuant to this claim of Sewer Easements, the District claims the right to construct, remove, replace, add to, maintain, repair, operate, change or alter underground sewer lines and appurtenances on and across the Sewer Easements, which are ten (10) feet on each side of the existing sewer main as described on the Exhibits attached hereto.

The address and facsimile number for purposes of notice to the District is as follows:

Eagle River Water and Sanitation District
846 Forest Road
Vail, Colorado 81657
Fax: (970) 476-4089

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Approved this 23rd day of Sept., 2004 by the Board of Directors of the Eagle River Water and Sanitation District.

By: Frederick S. Sackbauer
Frederick S. Sackbauer, President

ATTEST:

Patrick Dauphinais, Secretary

STATE OF COLORADO)
) ss.
COUNTY OF EAGLE)

The above Easement Claim was subscribed and sworn to before me this 23rd day of September, 2004.

Witness my hand and official seal.

My commission expires: May 16, 2006

Notary Public

JANET S. TRUEBLOOD NOTARY PUBLIC STATE OF COLORADO
MY COMMISSION EXPIRES MAY 16, 2006

EXHIBIT A

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Legal Description

A 20.0 foot wide sanitary sewer easement lying 10.0' on both sides of the following described centerline of an existing sanitary sewer line which the side lines are shortened or lengthened at the intersection with the following recorded properties located in the Southwest Quarter of Section 26, Township 5 South, Range 81 West of the 6th Principal Meridian, Block C, Booco's Addition to Minturn, as recorded February 14, 1891 in Book 248 at Page 15, 210 Eagle Street as recorded February 2001 at Reception No. 749569, Lot 2, 292 Main Street Minor Subdivision as recorded December 6, 1996 at Reception No. 609199, Lot 10-12, Block G, Booco's Addition to Minturn as recorded June 19, 1996 at Reception No. 593842, a Parcel of land recorded July 1, 1998 at Reception No. 661584, a Parcel of land recorded July 1, 1998 at Reception No. 661584, a Parcel of land recorded May 2, 1979 at Reception No. 181292 in the Offices of the Eagle County Clerk and Recorders Office; Town of Minturn, County of Eagle, State of Colorado, being more particularly described as follows:

Commencing at the Southeast corner of Lot 11 Block 2, per the Plat of Booco's 2nd Addition to Minturn as recorded October 10, 1901 in Plat Book 23 in the Offices of the Eagle County Clerk and Recorders Office, whence the Southeast corner of Lot 2 Block 2 of said Booco's 2nd Addition to Minturn bears N 45°20'00" W a distance of 465.00 feet forming the basis of bearing for this description; thence S 68°20'38" E a distance of 352.97 feet to a point on the Easterly boundary line of Lot 6, Block 3, said Booco's 2nd Addition to the town of Minturn, also being the True Point of Beginning for this description; thence along an existing sanitary sewer line the following sixteen (16) courses:

1) N 48°30'54" W a Distance of 57.95 feet to an existing sanitary manhole thence;
2) N 37°06'54" W a Distance of 186.25 feet to an existing sanitary manhole thence;
3) N 37°27'10" W a Distance of 49.93 feet to an existing sanitary manhole thence;
4) N 17°29'29" W a Distance of 37.89 feet to an existing sanitary manhole thence;
5) N 40°03'20" W a Distance of 102.27 feet to an existing sanitary manhole thence;
6) N 41°50'49" W a Distance of 313.74 feet to an existing sanitary manhole thence;
7) N 44°58'46" W a Distance of 122.03 feet to an existing sanitary manhole thence;
8) N 19°20'51" W a Distance of 29.32 feet to an existing sanitary manhole thence;
9) N 39°14'08" W a Distance of 152.83 feet to an existing sanitary manhole thence;
10) N 38°16'23" W a Distance of 279.72 feet to an existing sanitary manhole thence;
11) N 30°01'59" W a Distance of 234.95 feet to an existing sanitary manhole thence;
12) N 29°58'12" W a Distance of 189.72 feet to an existing sanitary manhole thence;
13) N 25°19'11" W a Distance of 221.11 feet to an existing sanitary manhole thence;
14) N 26°01'42" W a Distance of 168.71 feet to an existing sanitary manhole thence;
15) N 47°27'35" W a Distance of 106.08 feet to an existing sanitary manhole thence;
16) S 88°44'20" W a Distance of 102.90 feet to an existing sanitary manhole, said manhole being the point of Terminus for this description.

Excepting those portions lying within said Block C, Booco's Addition to Minturn, as recorded February 14, 1891 in Book 248 at Page 15, 210 Eagle Street as recorded February 2001 in Reception No. 749569, Lot 2, 292 Main Street Minor Subdivision as recorded December 6, 1996 in Reception No. 609199, Lot 10-12, Block G Booco's Addition to Minturn as recorded June 19, 1996 in Reception No. 593842, a Parcel of land recorded July 1, 1998 in Reception No. 661584, a Parcel of land recorded July 1, 1998 in Reception No. 661584, a Parcel of land recorded May 2, 1979 in Reception No. 181292, Public Rights-of-Ways and U.S. Highway No. 24.

COLORADO REGISTERED GORDON S. PAGE III 29648 PROFESSIONAL LAND SURVEYOR

Gordon S. Page III, PLS#29648
For and on the behalf of
Peak Land Consultants, Inc.

EXHIBIT D-36
#36

Legal Description Lot 51

A 20.00 foot wide Sanitary Sewer Easement lying 10.00 feet Northerly and Southerly of the following described centerline of an Existing Sanitary Sewer line, located in the Lot 51, Per the Annexation Plat of the South Mintum Addition to the Town of Mintum, Colorado, as recorded March 1, 1978, in Book 267, Page 397, also being part of the Northeast Quarter of Section 35, Township 5 South, Range 81 West of the 6th Principal Meridian, Town of Mintum, County of Eagle, State of Colorado, the sides of said Easement lengthens and shortens at its Boundaries, said centerline being more particularly described as follows:

Commencing at the Southwesterly corner of Lot 51, per the Annexation Plat of the South Mintum Addition to the Town of Mintum; Whence the Northwesterly corner of Lot 51 bears N 38° 31'53" E a distance of 209.92 feet, said line being the Basis of Bearing for this description; Thence N 38°31'53" E a distance of 164.0 feet more or less to a point on the centerline of an existing sanitary sewer main, said point also being the True Point of Beginning; Thence along the centerline of said existing sanitary sewer main S 85°51'27" E a distance of 49.54 feet; Thence S 61°37'05" E a distance of 94.58 feet to the Point of Terminus said Parcel containing 0.017 Acres more or less.

Gordon S. Page III PLS 29048
For and on the behalf of
Peak Land Consultants, Inc.

COLORADO REGISTERED GORDON S. PAGE III 29048 PROFESSIONAL LAND SURVEYOR 9/2/04

NOTE: Peak Land Surveying has relied upon the Annexation Plat of the South Mintum Addition for the properties as described hereon. The recorded deeds for the each parcel contains errors and insufficient dimensions to accurately place said deed for the descriptions and exhibits attached. A Land Survey is required to accurately place said deeds.

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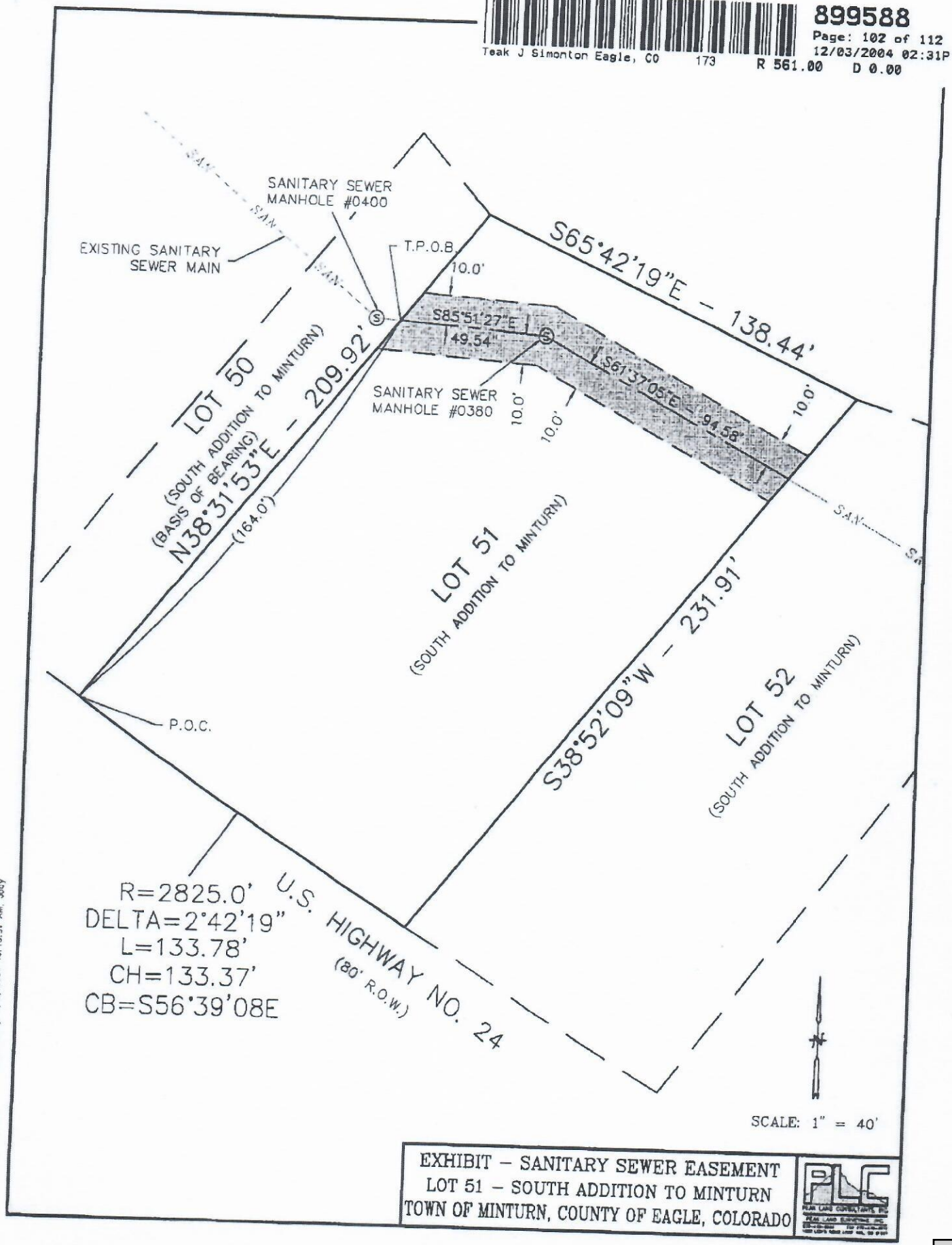


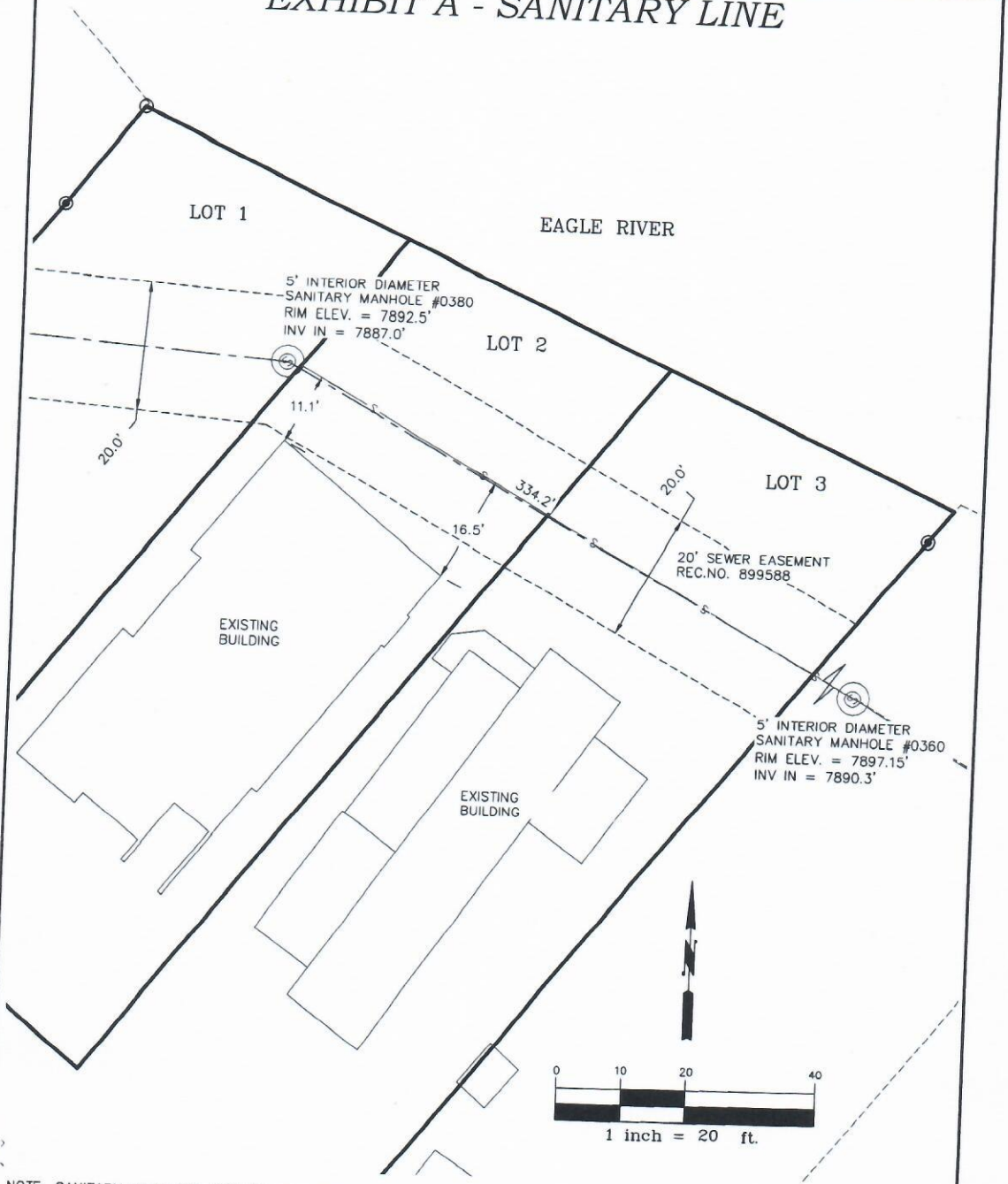
EXHIBIT – SANITARY SEWER EASEMENT
LOT 51 – SOUTH ADDITION TO MINTURN
TOWN OF MINTURN, COUNTY OF EAGLE, COLORADO

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EXHIBIT B

(Description of Encroachment)

EXHIBIT A - SANITARY LINE

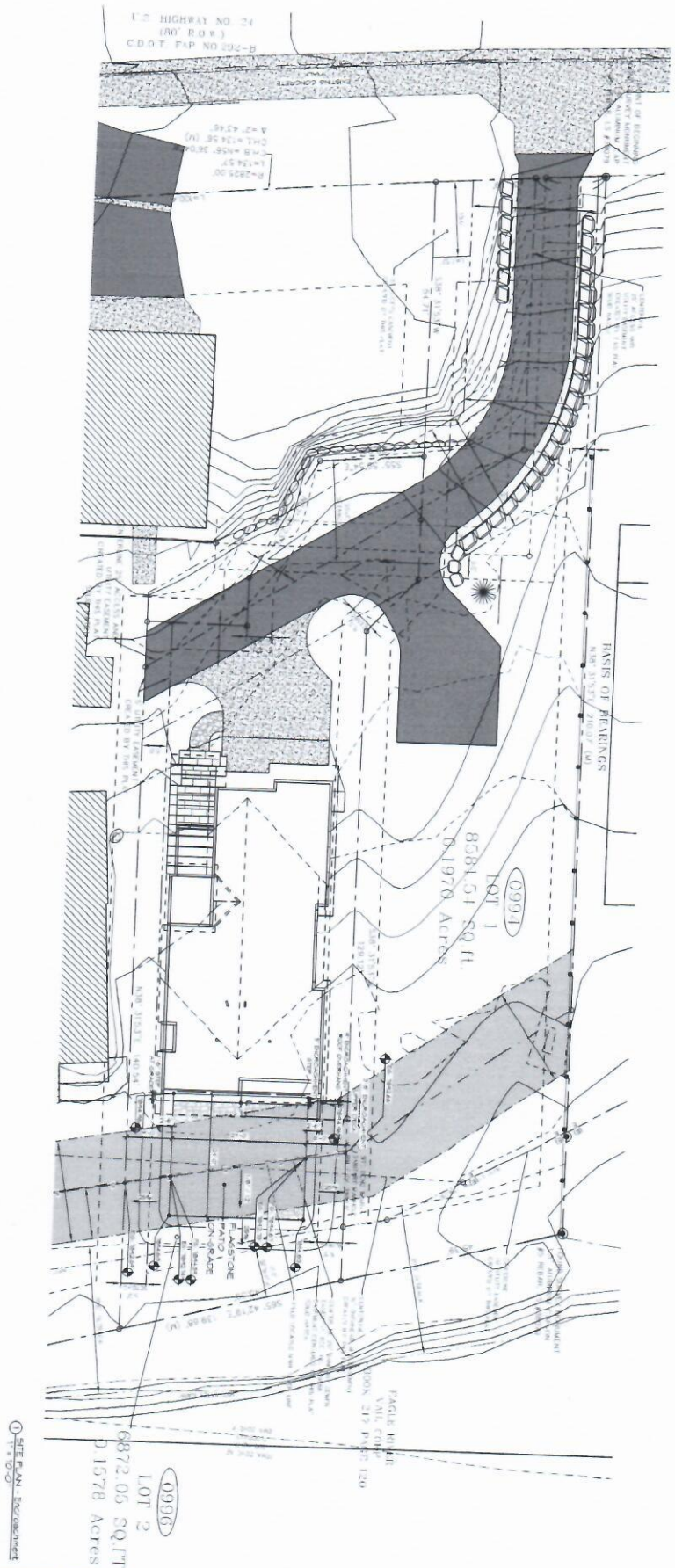


NOTE: SANITARY MAIN LINE LOCATION IS BASED ON ACTUAL FIELD LOCATION AND MEASUREMENTS PERFORMED ON 10-19-22.

COLORADO LICENSED
RANDALL P. KIPP
38079
10-20-22
PROFESSIONAL LAND SURVEYOR

EXHIBIT A - SANITARY LINE Lot 1-3, South Minturn Addition, A Resubdivision of Lot 51 South Minturn Addition Town of Minturn, County of Garfield, State of Colorado	KIPP LAND SURVEYING
DRAWN BY: RPK	DATE: 10-20-22
SHEET 1 OF 1	DWG NAME: 201129-SMA San Line

RANDY KIPP P.L.S.
P.O. Box 3154
Eagle, CO 81631
(970) 390-9540
email: randy@kipplandsurveying.com
web: kipplandsurveying.com



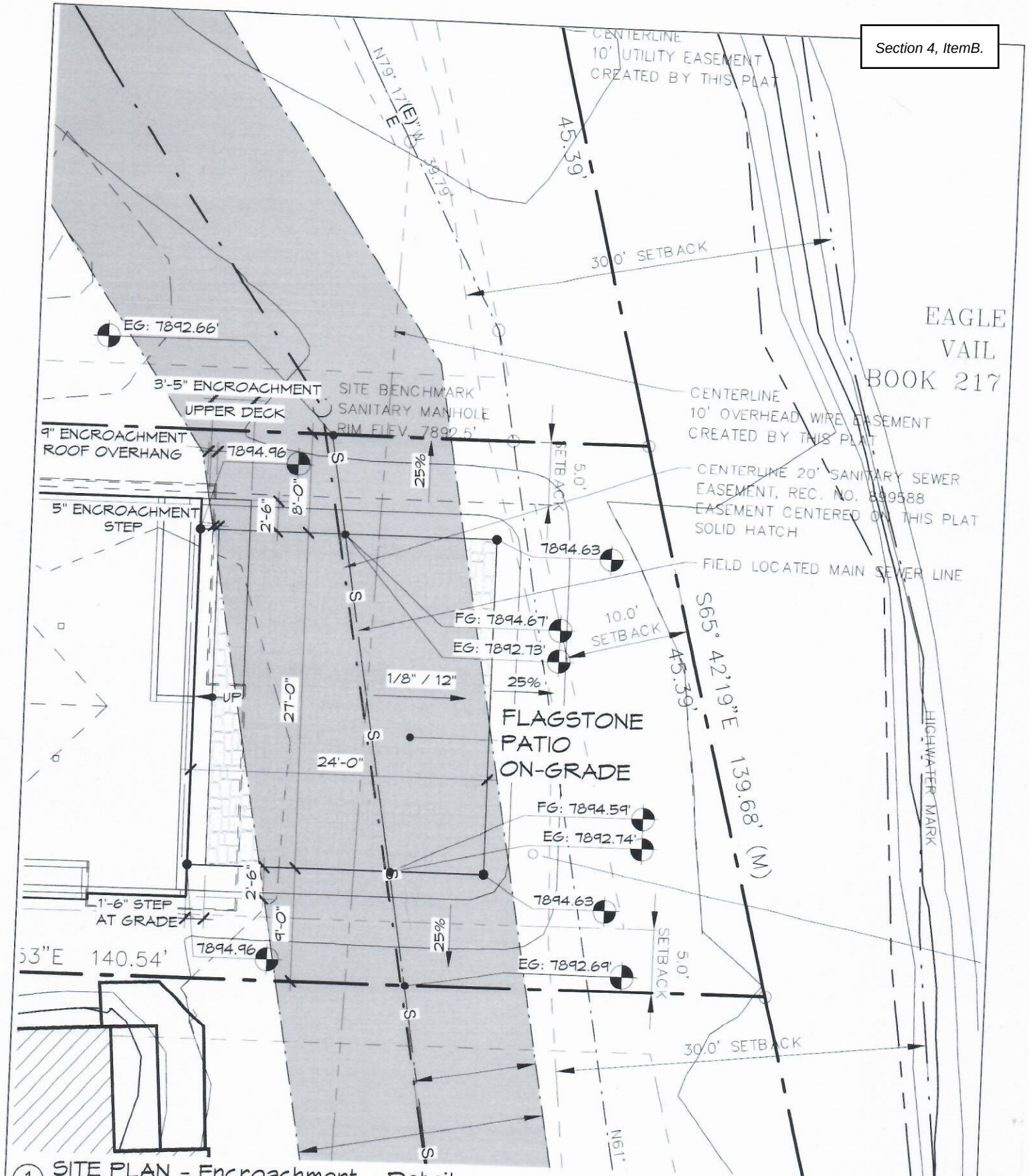
A1

SITE PLAN

Bovino-Young Residence

Parcel number: 2103-351-02-060
South Minturn Addition, Lot 2 A Resub of Lot 51
996 Main Street
Minturn, CO 81645

mpp design shop, inc.
PO Box 288
Gypsum, CO 81637
(970) 390-4931
michael@mppdesignshop.com



1 SITE PLAN - Encroachment - Detail
1" = 10'-0"

Project #:	2010
Date:	11/07/22
Drawn by:	mpp

A2

Bovino-Young Residence

Parcel number: 2103-351-02-060
South Minturn Addition, Lot 2 A Resub of Lot 51
996 Main Street
Minturn, CO 81645

mpp design shop, inc.
PO Box 288
Gypsum, CO 81637
(970) 390-4931
michael@mppdesignshop.com

Minturn Planning Department
Minturn Town Center
302 Pine Street
Minturn, Colorado 81645

Minturn Planning Commission
Chair – Lynn Teach
Jeff Armistead
Michael Boyd
Amanda Mire
Eric Rippeth
Darell Wegert

Design Review Board Hearing

Final Plan Review for New Single Family Residence

0013 Belden Way

Hearing Date:	September 25, 2024
File Name and Process:	Single Family Residence Final Plan Review
Owner/Applicant:	Alison Perry, Miners Base Camp LLC
Representative:	Greg Macik, TAB Associates, Inc.
Legal Description:	Subdivision: BELDEN PLACE PUD Lot: 16
Address:	0013 Belden Way
Zoning:	South Town Character Area – Belden Place PUD Zone District
Staff Member:	Madison Harris, Planner I
Recommendation:	**Approval**

Staff Report

I. Summary of Request:

The Applicant, Alison Perry, requests Final Plan review of a four bedroom, 3,193 (gross) square foot single-family building located at 0013 Belden Way in the South Town Belden Place PUD Zone District. The Applicant's representative, Greg Macik of TAB Associates Inc., has been proactive in meeting with Town staff prior to submitting plans for the new structure and has provided a relatively complete and thorough set of site, landscaping, and architectural plans.

Proposed Plans
The plans show a three-story with a basement single family residence with a maximum building height - measured via a weighted height calculation approved in the Belden Place PUD Guide – of 27 feet and 11 inches, under the maximum allowable 28-foot limit within the South Town Belden Place PUD Zone District for single-family units.

Additionally, the massing, forms, and scale of the proposed structure, as well as proposed exterior materials, textures and detailing also appear to achieve the design objectives of Appendix B – *Design Guidelines and Standards*, Minturn Municipal Code.

Parking is adequate, with three off-street spaces, one of which is provided within the garage and two at surface level in front of the garage. The plans show the three levels plus a basement.

According to staff's analysis of development standards and dimensional limitations in Section III below the project appears to meet the Town's standards.

Overall, staff believes that the Applicants and their representative have provided a complete, detailed set of plans necessary to complete a thorough final plan review.

As a reminder, the Planning Commission has the option to review the proposal as a "conceptual" plan review if the Commission feels that the plans are *not* sufficient or are in need of revisions and additional review prior to final plan approval; or the Commission may take action to approve, approve with conditions, or deny the Final Plans.

Staff is **recommending approval**.

II. Summary of Process and Code Requirements:

These plans are being presented by the Applicant as "Final Plan" level of review for a new single-family residential structure on a legally created lot within the Town of Minturn. This is a formal hearing providing the Applicant and staff the opportunity to discuss the proposal with the Planning Commission, acting as the Design Review Board, and to address the DRB's concerns or feedback regarding suggested revisions to the project.

If the DRB feels that the plans are complete, appropriate, and meet the intent and purposes of the Minturn Municipal Code, Chapter 16, the DRB has the option to take final action to approve the plans without conditions, or to approve with specific conditions and giving the Applicant and staff clear direction on any recommended revisions, additions or updates to the plans.
No variances are required or requested at this time.

Design Review Process
Appendix 'B' of the Minturn Municipal Code, Section 16-21-615 - *Design Review Applications*, subsection "d" below outlines the criteria and findings necessary for DRB review and approval of all new, major development proposals:

(d) Administrative procedure.

(1) Upon receipt of a completed and proper application, the application for Design Review will be scheduled for a public hearing. The hearing will be conducted in accordance with the procedures set forth in this Chapter.

(2) Criteria and findings. Before acting on a Design Review application, the Planning Commission, acting as the Design Review Board (DRB), shall consider the following factors with respect to the proposal:

a. The proposal's adherence to the Town's zoning regulations.
b. The proposal's adherence to the applicable goals and objectives of the Community Plan.
c. The proposal's adherence to the Design Standards.

(3) Necessary findings. The Design Review Board shall make the following findings before approving a Design Review application:

a. That the proposal is in conformance with the Town zoning regulations.
b. That the proposal helps achieve the goals and objectives of the Community Plan.
c. That the proposal complies with the Design Standards.

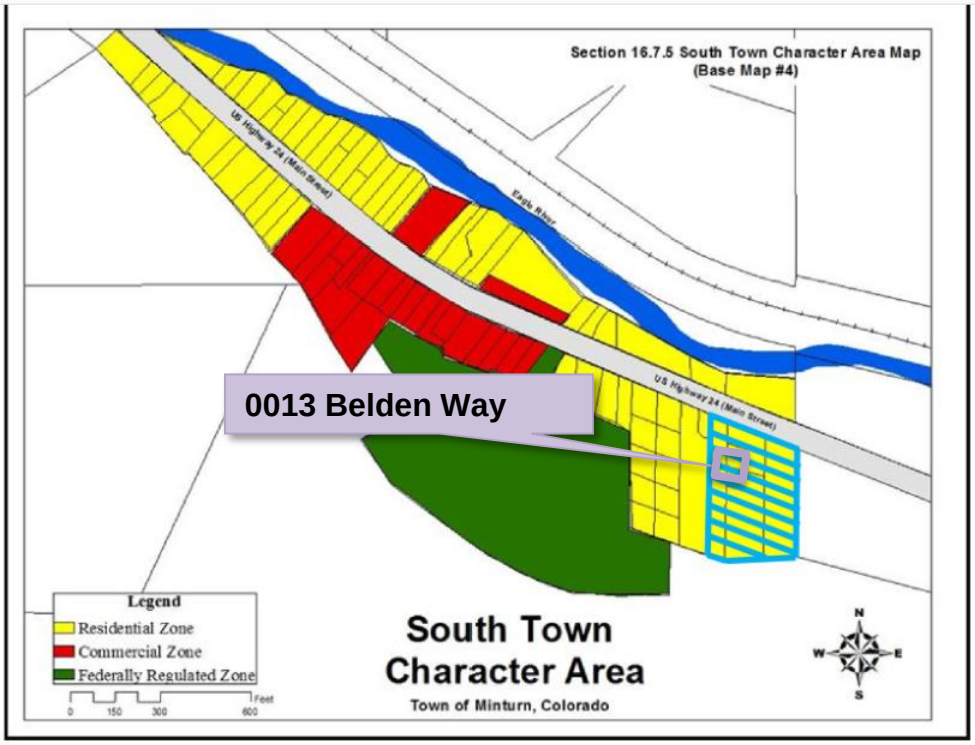
Staff suggests that the final plans for 0013 Belden Way meet the required findings 'a,' 'b,' and 'c' or subparagraph 3 – *Necessary findings*.

III. Zoning Analysis:

Zoning

The subject property is located within the "South Town Character Area" Belden Place PUD Zone District

Figure 1: Game Creek Character Area Zoning Map



- PUD Overlay Zoning

Dimensional Limitations and Development Standards

The following table summarizes the lot, development and dimensional standards and limitations applicable to the subject property pursuant the approved Final Development Plan for the Belden Place PUD.

Regulation	Allowed/Required	Proposed/Existing
Minimum Lot Area:	2,212 sq. ft.	2,212 sq. ft. (.051 ac.)
Maximum Building Height:	28 feet	27 feet – 11 inches
Minimum Front Setback:	10.68 feet	10.68+ feet
Minimum Side Setback:	5 feet	5* feet
Minimum Rear Setback:	5 feet	5+ feet
Maximum Lot Coverage:	60% (1,327.2 sq. ft.)	922 sq. ft. (41.68%) Proposed
Maximum Impervious Coverage:	60% (1,327.2 sq. ft.)	1,026 sq. ft. (46.38%) Proposed

Minimum Snow Storage Area:	5% of Lot Area (2,212 sq. ft. x .05 = 110.6 sq. ft.)	112 sq. ft.
Parking:	3 spaces	3 spaces

*Per the approved PUD Guide, staircases are allowed to encroach into the side setback as long as it is not within 24" of the property line. The staircase encroaches approximately half a foot (.5') and remains 4.5' away from the property line.

IV. Applicable Standards and Design Guideline Criteria:

Design
In addition to the development standards listed above, the following general design principles are provided for reference.

Final Site, Grading and Drainage Design
The Minturn Design Guidelines encourage designs that integrate or account for site topography and existing conditions, surrounding conditions, solar orientation, placement on lots relative to streets and natural features, snow storage and snow shed from roof structures.

Mass and Form
The following excerpt from the Design Guidelines is applicable to the proposed home design:

"c. Massing and Scale

> *"**A simple central form with additive features shall be designed. This style creates visual interest and is appropriate for the community due to its compatibility with existing structures. Buildings and improvements should complement, rather than overpower, the adjacent natural and built environment.** Homes are encouraged to be sheltering in nature, with consistent setbacks from the street with prominent porches or overhanging eaves.*
>
> *"Building mass, form, length and height shall be designed to provide variety and visual interest while maintaining a scale that is similar or compatible to adjacent structures."*
>
> *-Town of Minturn Design Guidelines*

Staff Response:
Staff believes that the design and scale of the proposed structure incorporates a simple central form with additive features and is complementary to adjacent residential structures and character on nearby parcels. Staff further suggests that the scale of the project is appropriate and will not overpower surrounding natural and built environments. Proposed roof forms and pitches, materials and textures are compatible and complementary to the surrounding built and natural environments.

V. Items of Note:

Items of Note
Staff has identified no items of note.

VI. Staff Recommendation:

Staff suggests that the Final Plans for 0013 Belden Way generally **comply** with or exceed the applicable provisions and/or minimum standards of Chapter 16 and the Town of Minturn Design Standards (Appendix 'B') of the Minturn Town Code.

Staff is **recommending approval** of the plans.

TAB Associates, Inc.
The Architectural Balance

56 Edwards Village Blvd
Edwards, Colorado 81632
(970) 766-1471 fax
www.tabassociates.com tab@vail.net

Memo

Project: Belden Place – Lot 16 Project No: **2215**

Date: August 6, 2024

RE: Design Review Submittal

FROM:
Greg Macik, Principal

TO:
Town of Minturn DRB

VIA:
Email and Hard Copies

Remarks:

We are submitting for review Lot 16 Belden Place for Design Review.

This is a new Single Family Residence within the Belden Place PUD.

Greg Macik, Principal
TAB Associates, Inc.

S:\2215 Belden Place Phase 2\02 Proj Info\07 Approval Agencys\01 Design Review Board\Lot 16\Belden Lot 16 - Memo.doc

DESIGN REVIEW APPLICATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
P.O. Box 309 302 Pine Street Minturn, Colorado 81649-0309
Phone: 970-827-5645 Fax: 970-827-5545 Email: planner@minturn.org

Project Name:

Belden Place - Single Family Lot 16

Project Location

Street Address: 0013 Beldan Way

Zoning:	Parcel Number(s):
PUD	Not assigned

Application Request:

Design review for a single family home.

Applicant:

Name: Greg Macik, TAB Associates, Inc.

Mailing Address: 56 Edwards Village Blvd, Suite 210, Edwards, CO 81632

Phone:	Email:
970-766-1470 x107	greg@tabassociates.com

Property Owner:

Name: Alison Perry, Miners Base Camp LLC

Mailing Address: PO Box 1134 Minturn, CO 81645

Phone:	Email:
970-306-2264	perry@vailland.com

Required Information:

Lot Size: 2212 sf	Type of Residence (Single Family, ADU, Duplex) Single Family	# of Bedrooms 4	# On-site Parking Spaces 3
# of Stories: 3	Snow storage sq ft: 112	Building Footprint sq ft: 776	Total sq ft Impervious Surface: 776

Signature:

Fee Paid:_____ **Date Received:**_____ **Planner:**_____

DESIGN REVIEW APPLICATION

SUBMITTAL CHECKLIST REQUIREMENTS
(TO BE INCLUDED WITH APPLICATION)

Applicant	Staff	
☑	☐	**Application Fee** (Non-Refundable application fee shall be collected) • Design Review Board - $200.00
☑	☐	**Letter of Intent** -- What is the purpose of the project including; • Relevant Background • Current Status of the Site • All Proposed Uses and Structures • How the Proposal Differs from what already exists • Information regarding Easements or Dedicated Tracts, etc.
☑	☐	**Vicinity Map** -- Directional Map indicating how to get to the Property involved in the request. • Zoning of Property
☑	☐	**Improvement Location Certificate of Survey (ILC or ILS)**

☑	☐	**Site Plan showing Precise Nature of the Proposed Use – To Scale**
		•
		• Scaled Drawings of Proposed Design of Structure
		  ○ Plan View and Sections
		• Building Heights – all 4 directions N/S/E/W
		• topography
		• Building Location
		• Setbacks
		• River or Creek Setbacks
		• Parking Plan
		• Traffic Circulation
		  ○ Location and Width of Existing and Proposed Access Points
		  ○ Location of Existing Driveways and Intersections
		• Landscaped Area – Plan
		• Approximate Location of Existing Wooded Areas and Rock Outcrops
		• Location and Type of Existing and Proposed Easements
		• Utility Easements
		• Drainage Features

☑	☐	**Preliminary Building Plans and Elevations** • Indicates Dimensions • General Appearance • Scale • Interior Plan for the Buildings

☑ ☐ **Elements needed on the Site Plan**

- Scale
- North Arrow
- Date Prepared
- Lot Dimensions, Area, Entire Site Acreage

☑ ☐ **Architecture Details – Materials Board**

- Windows – Placement and Color
- Doors – Placement and Color
- Siding – Type and Color
- Roof Material – Type and Color
- Paint Color

PLANNING COMMISSION
DESIGN REVIEW PROCESS

Applicants requesting a Design Review Board, Planning and Zoning Commission, and/or Town Council Review must submit to a pre-submittal conference and complete a formal application. The pre-submittal review process is completed within a period of 14 working days depending on the day of pre-submittal. The pre-submittal review provides valuable information regarding Town requirements for the formal application.

The Town Planner shall have the following powers and duties:

- **Zoning Compliance** – To review, consider, and approve, approve with conditions, or deny applications for building permits, limited use permits, conditional use permits, and temporary use permits based on compliance with this Section.
- **Process Applications** – To receive applications for development permits for processing pursuant to the terms of Section 16 of the Minturn Municipal Code.

Planning Commission as Design Review Board

Powers and Duties
The Planning Commission is hereby established as the Town of Minturn Design Review Board. The Design Review Board shall have the following powers and duties under the provisions of this Code.

1. To prepare, or cause to be prepared or amended, the Design Review Standards and Guidelines or any element or portion thereof, for adoption by the Town Council.

2. To hear, review, consider and approve, approve with conditions, or disapprove applications for Design Review Approval.

3. To hear and decide upon appeals on design review decisions made by the Zoning Administrator.

Board Procedure
The Town staff will forward applications (other than minor design applications), and recommendations, to the DRB.

The DRB shall review the application and supporting material submitted by the applicant, as well as the staff recommendation. After review, the DRB, through a formal motion, seconded and passed by a majority of the members present, shall take one of the following courses of action:

1. **Table the application**. The application may be tabled for a period not to exceed thirty (30) days if the application is incomplete or if the DRB determines that changes are required to bring the application into compliance with design standards and guidelines or other regulations of the Town. The Board may specify additional requirements for the applicant is to bring to the future meeting. These requirements may include additional information necessary to determine whether the application complies with all zoning, building, design codes adopted by the Town, and may include plans, reports, surveys or other documents completed by registered architects, surveyors, engineers or other professionals in order to indicate conformance with such codes. The DRB may also table the application if it determines that changes in the application are required which would bring the proposed project into compliance with zoning, building, design codes, and other regulations of the Town.

2. **Conceptual/Preliminary approval.** The DRB may grant conceptual approval to applicants who in a general fashion appear to meet design and other regulations of the Town but submit applications inadequate to warrant final approval. Conceptual approvals are also appropriate where a complete application has not been submitted, or where an applicant wishes to obtain a preliminary review of a sketch plan. A conceptual approval does not deem final approval of an application, nor does it deem that an application conforms to design or other regulations, nor shall it bind the DRB to grant final approval to a completed or final application.

3. **Disapproval of application.** If an application is found to conflict with the purposes and/or any one (1) or more of the design guidelines, codes or any other regulations of the Town, the DRB shall disapprove the application. Any disapproval shall be in writing and shall specifically describe the reasons upon which the disapproval is based.

4. **Approval of application.** If the application is complete and is found to comply with the design standards codes and other regulations of the Town, the DRB shall approve the project. The DRB shall keep a record of all such approvals, and the applicant should keep a copy of the approval. The DRB may approve an application with conditions or modifications. The DRB shall not approve an application that does not meet the requirements of the Town or any other provision required to ensure compliance with the design standards and guidelines, codes and other regulations of the Town.

If a motion for approval, for conceptual approval, or to table an application results in a tie vote, the motion will fail.

DESIGN REVIEW CRITERIA

1. SITE DESIGN

Site planning involves the design and location of buildings and other improvements on a property. General principles include the maximization of site attributes such as views and solar orientation while minimizing adverse impacts to adjacent properties and natural features. Design of the building(s) shall consider the following criteria:

a. Natural Features

(1) Topography

A building site that is flat or gently sloping at less than 10% shall comply with applicable minimum standards for setbacks as defined in Chapter 16.

A building site that slopes at greater than 10% is urged to consider "stepping" the structure rather than grading the site to allow for traditional building layout. The intent is to avoid large cuts and/or fills as well as retaining walls, and to avoid the need for additional erosion control measures.

Setbacks may be increased for lots that slope greater than 30%.

(2) Water Bodies

Setbacks from water bodies shall include consideration of the Eagle River, tributary creeks, ponds, and wetlands. In addition to the regulatory setbacks, the Town of Minturn encourages conformance with the Eagle River Watershed Plan and sensitive design to protect the riparian areas and to utilize the water bodies for passive recreational purposes. The Town discourages "turning your back" on the Eagle River, one of Minturn's greatest assets.

Site grading and drainage plans shall be submitted with design review applications that are adjacent to or within fifty (50) feet of a water body.

b. Orientation

The orientation of improvements shall consider adjacent properties as well as snow storage, snow shedding, and solar orientation. Another important component of orientation is drainage impact to adjacent properties, water bodies and streets.

Snow Storage, Snow Shedding and Solar Orientation

The atmospheric and weather-related elements common of the Town of Minturn justify the added dimension of sitting improvements to minimize the impact of the environment.

Adequate snow storage area(s) or provisions for removal shall be provided. The total area may be broken up or provided as a whole. Location within the required setbacks shall be permitted provided it does not impede adequate and safe access to the structure(s). Landscape areas may also be used for snow storage purposes.

Snow shedding shall be considered in the use of material and pitch of the roof, as well as the location of windows, door and walkways. In no case shall snow shedding be permitted to occur onto an adjacent property.

Solar orientation shall be considered in the siting of the structures as well as in the landscaping of the lot or parcel. Orientation of the structure, as well as placement of trees, can be utilized to block prevailing winds in the winter and to provide shade in the summer. The structure should be placed on the lot in a manner that will not cast substar

shadows over adjacent properties. Walkway and driveway location shall consider snowmelt in d location. These considerations include locating driveways, walkways, and structures, so that they are sheltered from the wind, and oriented to the east or south, where possible, to aid quicker snow and ice melt.

The front of the structure and its primary entrance shall be oriented to the street.

c. Massing and Scale

A simple central form with additive features shall be designed. This style creates visual interest and is appropriate for the community due to its compatibility with existing structures.
Buildings and improvements should complement, rather than overpower, the adjacent natural and built environment. Homes are encouraged to be sheltering in nature, with consistent setbacks from the street with prominent porches or overhanging eaves.

Building mass, form, length and height shall be designed to provide variety and visual interest while maintaining a scale that is similar or compatible to adjacent structures.

2. ARCHITECTURAL ELEMENTS

a. Roof Pitch and Form

Roofs are a very prominent visual element and can be used to provide strong unifying characteristics between buildings. The use of consistent roof form, materials, slope and direction can create a cohesive appearance to a neighborhood even when the architectural styles vary. Roof pitch and form are an important element of building design in the Town.

The incorporation of dormers into the roof form can be utilized to provide individual identity and to create and delineate upper living areas or lofts. Dormer roofs shall be similar in slope and material with the primary roof form. See Illustration.

Roofs shall be designed with consideration to snow accumulation and shedding. Entryways, garages and pedestrian areas shall be protected from potential snow shedding.

Chimneys may also be utilized as a unifying element. The size, location, and shape of chimney can be mimicked to provide a common feature in adjacent structures that have different architectural styles.

b. Facade

Vast expanses of a blank facade are not considered appropriate in Minturn due the mass and scale of the existing buildings in the Town. Therefore, facades must be interrupted every 15' at minimum. This interruption can occur through the use of projections and recessions for doors and windows, balconies or porches or any other element that creates visual interest. The use of architectural elements such as horizontal and vertical architectural details and floor articulation (delineation of 'floors' in a building) can be utilized to create a vertical human scale to the structure.

Windows and doors offer the opportunity to provide individual character and refinement of scale by introducing openings and patterns on otherwise blank walls. Consideration should be given to locating doors and windows in order to establish symmetry on primary facades, while being responsive to interior functions and views. The location of windows and doors can also be utilized as a unifying element with adjacent structures.

In order to maintain a smaller scale and to avoid the use of vast expanses of large windows, window openings should be composed of multiple panes of glass that are consistent with the scale of the building. Mirrored or reflective glass is prohibited.

Shutters and window boxes are encouraged to create visual interest and to reinforce the Town ambiance.

c. Building Details

The requirement for a simple building form allows for the introduction of building details to create character and interest. These details may include elements such as accents to doors and windows, porches, gates, dormers and chimneys.

3. MATERIALS AND SCREENING

a. Materials

The use of building materials is essential to the design and appearance of a structure, therefore the use of materials is indicative of the adjacent community character. Materials shall be consistent with adjacent properties and the natural environment. The Town of Minturn does not seek to limit or prohibit the use of specific building materials

however the use of non-reflective materials are strongly encouraged. Highly reflective roofing m allowed.

The historic character of Minturn is exhibited in the use of wood siding and native stone, therefore the use of these particular materials are encouraged. Many modern equivalents can be found which mimic the natural materials, and the Design Review Board may approve such materials if their appearance is found to be compatible with adjacent material and consistent with the intent of these standards and guidelines.

b. Streetscape and Landscape Design

Small towns evoke many images, but one that appears to be consistent with many residents is the neighborliness of the area. Porches, plaza, parks and simply strolling down the street allow neighbors and visitors to meet and greet each other and to get to know one another. The Town encourages the man-made elements that promote these activities, and in some instances the Design Review Board shall require the provision of streetscape improvements to encourage and reinforce the small town atmosphere.

Porches and awnings are encouraged for all residential design as these elements create and encourage a human scale that is consistent with the small town image. Commercial structures, particularly those that are located in renovated residential units, shall maintain these elements and incorporate the use of pedestrian walkways, street furniture such as benches and trashcans where possible. Commercial developments that exceed 2500 square feet of gross leasable area shall be required to provide a plaza area that incorporates these elements.

Landscape standards are defined in Section 16.17.14, 15 and 16 and shall be reviewed with all applications for design review. Compliance with the minimum standards defined within those sections shall be required. The Design Review Board shall review the list of plant material to be utilized, particularly for determination of irrigation requirements. Exhibit B lists plant materials that are suitable for use in the Town, drought-resistant and therefore their use is encouraged. Other plant materials listed that require substantial water and therefore the Design Review Board may require the provision of an irrigation system and the provision of collateral to assure its completion.

c. Screening

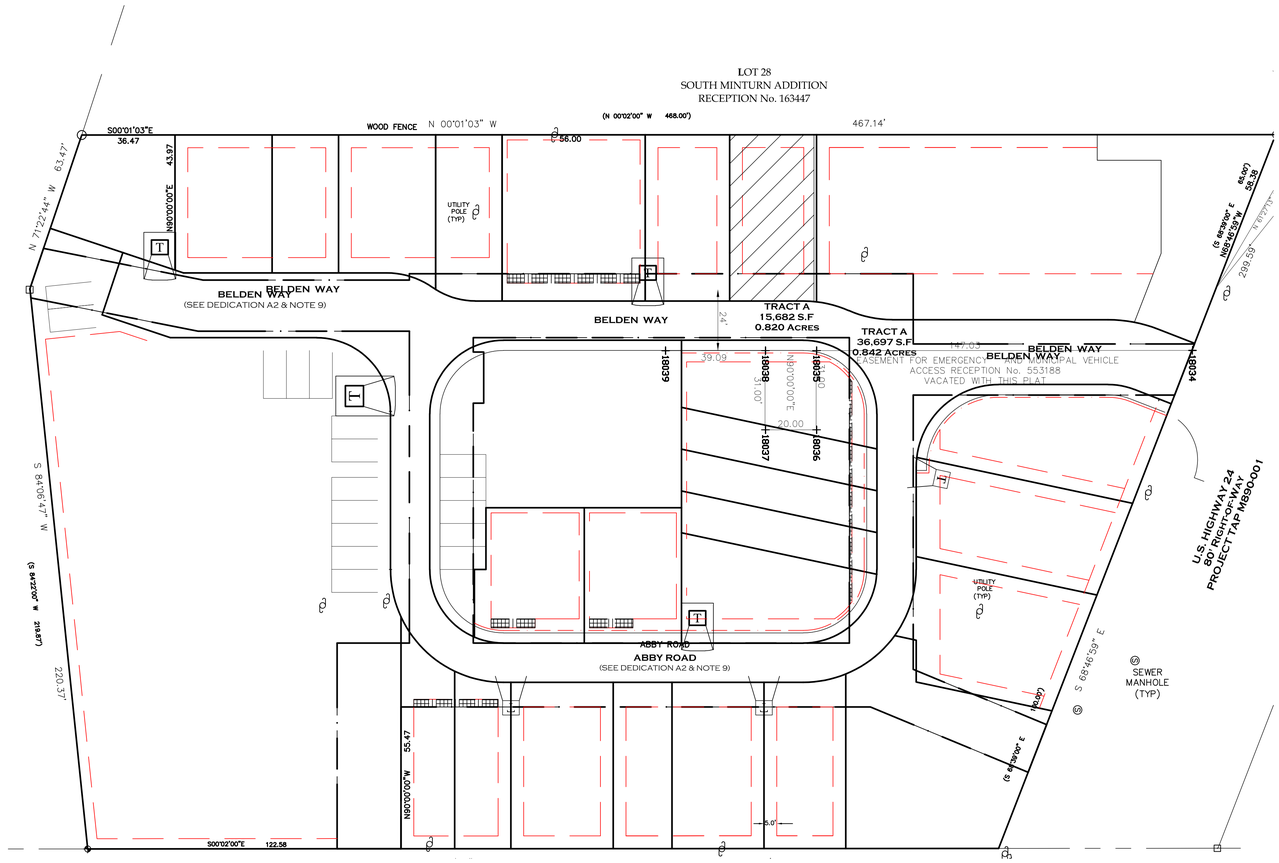
Both residential and commercial areas within the Town shall be required to screen certain visually obtrusive areas, including, but not limited to, refuse storage, general storage, loading areas, mechanical equipment and parking areas.

The screening may occur with landscaping, compliant with Section 16.17.14. 15 and 16, or these uses may be screened with fencing or by containing the uses within a structure or parapet walls. Fences shall not exceed 3-feet in height for opaque fences and 4 feet in height for fences with you can see through. Higher fences may be used to screen the sides and rear of the lot but should not exceed 6 feet in height. In no case shall a fence or screening structure obstruct a driver's view of an intersection.

Additional information regarding the Design Review processes and guidelines including the Character Areas can be found in Chapter 16, Appendix B of the Minturn Town Code.

Belden Place

Lot 16 - 0013 Beldan Way
Single Family Residences
Minturn, Colorado 81645



Design Review Submittal - Revised
09/13/2024



Vicinity Map

A0.00	COVER SHEET
A0.02	PUD GUIDE INFORMATION
	FINAL PLAT
C1.110	SURVEY
C1.111	OVERALL DEVELOPMENT SITE PLAN
C.1	SITE PLAN
C.2	DETAILS AND CROSS SECTION
A1.1	LANDSCAPE PLAN AND DETAILS
A2.1	FLOOR PLANS
A2.2	ROOF PLAN
A3.1	EXTERIOR ELEVATIONS
A3.2	MATERIALS
A3.3	RENDERINGS
A4.1	SECTIONS
A5.01	DETAILS
A5.02	DETAILS
A5.03	DETAILS

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Civil Engineer:
Timberline Engineering
(970) 963 8869
Structural Engineer:
KRM Consultants, Inc,
(970) 949-9391

Seal

Belden Place - Single FAmil
Lot 16 - 0013 Beldan Way
Minturn, Colorado 81645

Revisions:

Issue Dates:
20220509 Struct Coord
DRB-11/28/2023
DRB-09/13/224

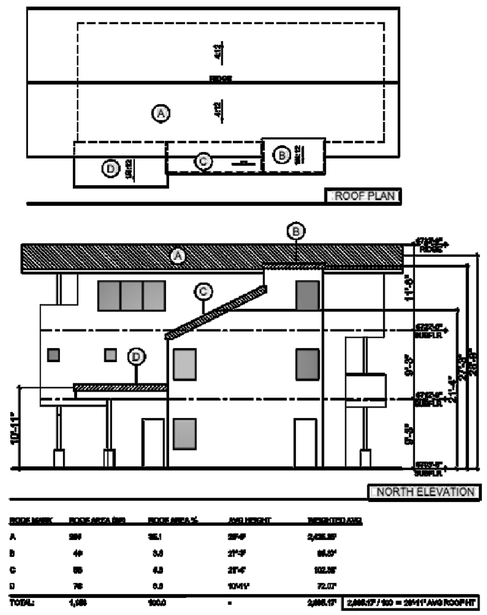
Sheet Title:
Cover

Project No:
2215

Sheet No:
A0.0

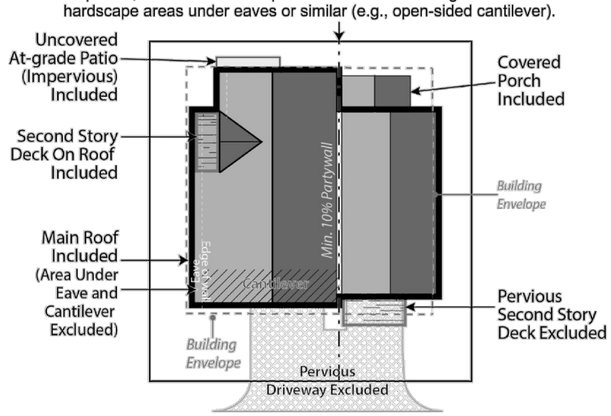
BELDEN PLACE PUD GUIDE INFORMATION
The following is an abrieviated verision of information found in the PUD guide.

Building Height. Determining building height uses a weighted height calculation as measured from final/finished grade. Max heights - 28' for single famil and duplex, 35' for Row Houses and Flats.



ROOF MASS	ROOF AREA (SF)	ROOF AREA %	AVG HEIGHT	WEIGHTED AVG
A	589	38.1	28'-0"	2,436.20'
B	49	3.2	27'-3"	86.07'
C	126	8.2	27'-4"	102.26'
D	78	5.0	10'41"	72.07'
TOTAL	1,555	100.0	-	2,696.17' / 100 = 26'-11" AVG ROOFHT

Site Coverage. Site coverage means the portion of a lot covered by materials forming any unbroken surface, impervious to water including, but not limited to: buildings, streets, slab on-grade patios, exterior fireplaces, and other hardscape materials. Site coverage excludes non-hardscape areas under eaves or similar (e.g., open-sided cantilever).



BUILDING PLACEMENT AND ENVELOPES
Residential building envelopes are necessary in order to maximize the buildability and economic viability of the lots while offering greenspace and or space between neighbors to the greatest extent possible. All portions of structure- including fireplaces, chimneys, window wells, eaves, overhangs, etc. must be contained within property lines; however, with the platted building envelope acting as building setbacks for each lot, encroachments are available for certain features.

The following encroachments are permitted beyond the platted building envelope:

Unenclosed or uncovered decks; deck supports; eaves up to 18" beyond the envelope; porches, patios and landings less than 30" above the surrounding natural or finished grade; window or light wells; heat or A/C units; residential solar alternative energy installations; fences; counterforts below grade; staircases (enclosed or otherwise); structures of less than 6" in height; landscaping and drainage features. No encroachment may be located within 24" from the property line or directly on top of in-ground utility easements. Underground parking elements and staircases may encroach within 12" of the most southern property line on Lot 7.

1. SINGLE-FAMILY DETACHED

a. Style
(1) Residences with the same architectural elevations and coloring shall not be placed adjacent to each other or directly across the street from one another.
(2) Each residential unit type shall have at least two (2) elevations to provide stylistic diversity. This may include:
i. Roof forms/lines and profiles
ii. Varied window and door styles
iii. Varied entry treatments and locations including porches, columns, etc.
iv. Two or three story homes
v. Second or third story decks or balconies

b. Building Form
(1) The mass of the residence should strongly reflect the architectural style and be scaled to provide visual interest and depth, reduce boxiness and achieve an articulated form on the front and sides of the homes.
(2) Roofs shall be designed and pitched accordingly in consideration of solar technology and/or drainage.
(3) Roof-top decks are permitted only on certain lots as established by developer and cannot be added on buildings not constructed with this initial feature.

2. DUPLEX/TRI-PLEX or MULTIFAMILY STRUCTURES

a. Style
(1) Structures shall have at least two (2) elevations to provide stylistic diversity.
(2) Units may be multi-stories.
(3) Units may be divided horizontally (townhomes) or vertically (flats).
(4) Second story decks or balconies permitted.
(5) Units have no minimum length of connection and may be joined via shared walls of the garage, external staircases, or main living area wall(s) or floors.

b. Building Form
(1) The mass of the residence should strongly reflect the architectural style and be scaled to provide visual interest and depth, reduce boxiness and achieve an articulated form on the front of the homes.
(2) Roofs shall be designed and pitched accordingly in consideration of solar technology and/or drainage.
(3) Roof-top decks are permitted only on certain lots as established by developer and cannot be added on buildings not constructed with this initial feature.

3. MATERIALS

a. Roofing materials are limited to the following:
(1) Artificial wood shingle (to mimic wood shake shingle). Treated wood shake shingles or any other combustible material is prohibited.
(2) Standing seam metal.
(3) Asphalt shingles.
(4) Imitation (composite or similar); or, real slate tiles.
(5) Non-reflective solar tiles that mimic the above-mentioned products
(6) Any other recommended FireWise materials similar to the above-mentioned products.

b. Siding materials are limited to the following:
(1) Metal
(2) Wood
(3) Composite siding
(4) Fiber cement board (commonly known as "Hardie Board")
(5) Stucco.
(6) Any other recommended FireWise materials similar to the above-mentioned products.
(7) All siding materials to have non-reflective finishes.

c. Doors and Windows:
(1) Structures with multiple garage doors must always have identical, matching doors.
(2) All replacement windows shall be consistent and match the aesthetic of previous windows unless otherwise approved by the design review board. Skylight or solar tubes permitted.
(3) Screen or storm doors, in addition to typical front doors are permitted. Screen or storm doors cannot replace front doors at any time.

d. Design Elements. This development may incorporate mountain appropriate design elements into the buildings, including, but not limited to, exposed heavy timber beams as accent elements or entry features, walls faced with wood, stone, faux stone or cultured stone, metal railings or accents. Stucco may only be utilized in small quantities on building facades and is not to be used as a primary material for home.

e. Building materials for residential exteriors shall include at least two (2) types of materials as part of the building façade.

I. LANDSCAPING – *See also PUD Landscaping Plan*
Shall not interfere with any drainage way, utility, pedestrian access, or entry into any structure. Landscaping shall not obscure windows, be installed under gas fireplace or dryer vents, nor shall any landscaping material overtake any yard, or spread into any common or neighboring yards.

Landscaping minimums:
1. At least one (1) tree per 1,200 sf of lot area and two (2) shrubs for all lots. *See also official Landscaping Plan for Belden Place.*
2. All landscaping proposed on the approved Landscaping Plan shall be installed initially with expectations for maintenance.
3. No exposed soil is permitted. Soil must be covered in groundcover that may consist of seed (includes wildflower seed), cobble, perennials, mulch, or similar.
4. All dead materials must be replaced during the same season death occurs.

TAB Associates
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fax: (970) 766-1471
email: tab@vail.net
www.tabassociates.com
Civil Engineer:
Timberline Engineering
(970) 963 9669
Structural Engineer:
KRM Consultants, Inc,
(970) 949-9391

Seal

Belden Place - Single Family
Lot 16 - 0013 Beldan Way
Minturn, Colorado 81645

Revisions:

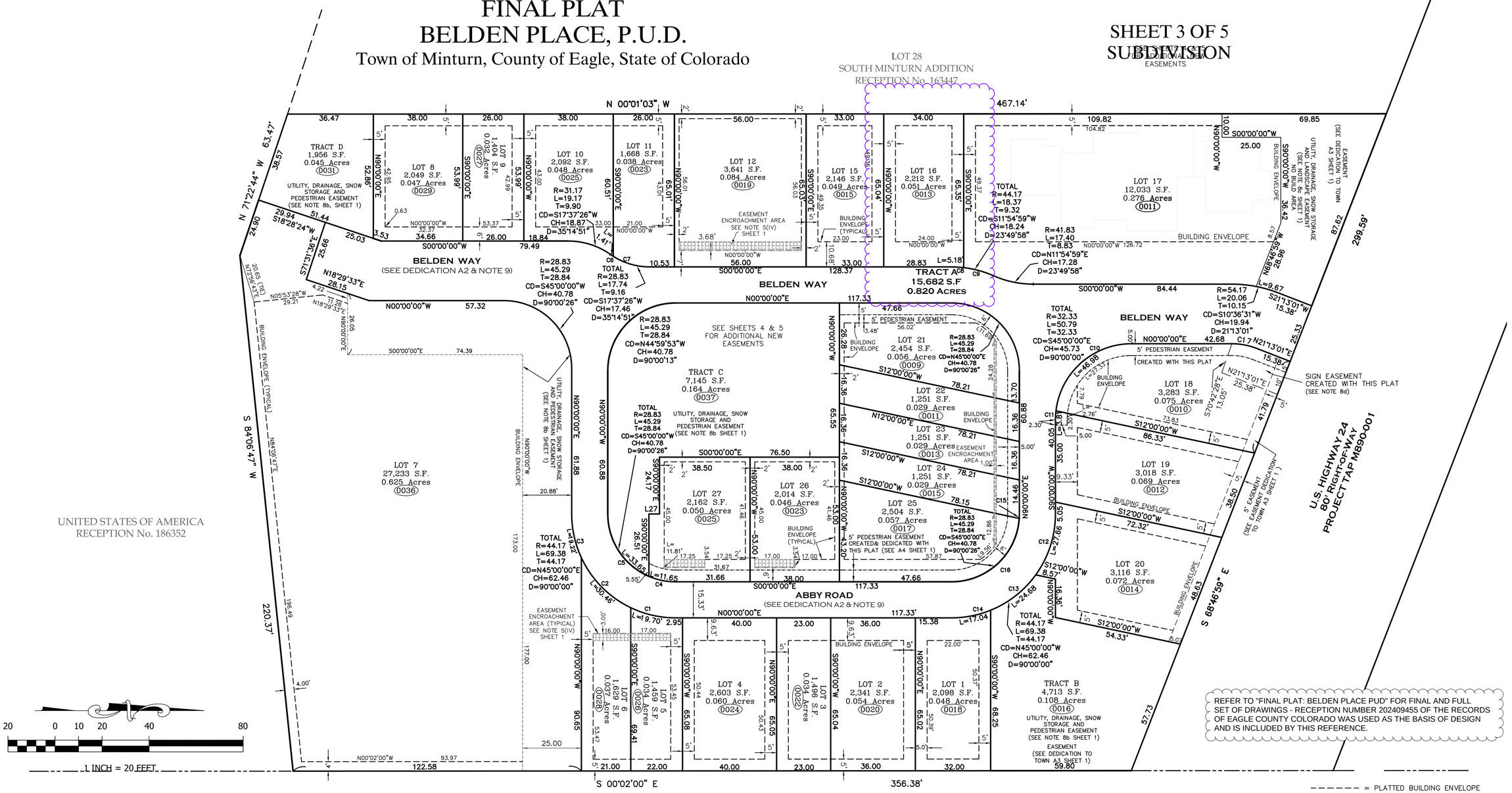
Issue Dates:
20220509 Struct Coord
DRB-11/28/2023
CDs - 03/11/2024

Sheet Title:
PUD Information

Project No:
2215

Sheet No:
A0.2

FINAL PLAT
BELDEN PLACE, P.U.D.
Town of Minturn, County of Eagle, State of Colorado



REFER TO "FINAL PLAT: BELDEN PLACE PUD" FOR FINAL AND FULL SET OF DRAWINGS - RECEPTION NUMBER 202409455 OF THE RECORDS OF EAGLE COUNTY COLORADO WAS USED AS THE BASIS OF DESIGN AND IS INCLUDED BY THIS REFERENCE.

= PLATTED BUILDING ENVELOPE

= PEDESTRIAN EASEMENT

= EASEMENT ENCROACHMENT AREA SEE NOTE 5(IV)

L27 = S00°00'00"W 4.50

CURVE TABLE						
CURVE	LENGTH	RADIUS	Tangent	Chord	Chd Brng	Delta
C1	19.70	44.17	10.01	19.53	N12°46'33"E	25°33'06"
C2	30.46	44.17	15.86	29.86	N45°18'32"E	39°30'53"
C3	19.22	44.17	9.76	19.07	N77°31'59"E	24°56'01"
C4	11.65	28.83	5.91	11.57	N11°34'15"E	23°08'56"
C5	33.65	28.83	19.03	31.77	N56°34'28"E	66°51'30"
C6	1.41	28.83	0.71	1.41	N33°50'32"E	2°48'39"
C7	16.32	28.83	8.39	16.11	N16°13'06"E	32°26'12"
C8	5.18	44.17	2.59	5.18	S03°21'35"W	6°43'11"
C9	13.19	44.17	6.65	13.14	S15°16'34"W	17°06'47"
C10	46.98	32.33	28.73	42.95	S41°37'23"E	83°14'46"
C11	3.81	32.33	1.91	3.81	S86°37'23"E	6°45'14"
C12	27.66	44.17	14.30	27.21	N72°03'40"W	35°52'40"
C13	24.68	44.17	12.67	24.36	N38°06'40"W	32°01'20"
C14	17.04	44.17	8.63	16.93	N11°03'00"W	22°06'00"
C15	1.89	28.83	0.94	1.89	N88°07'42"W	3°45'03"
C16	43.41	28.83	27.01	39.42	N43°07'29"W	86°15'24"
C17	10.68	28.83	5.40	10.62	N10°36'31"E	21°13'28"

UNITED STATES OF AMERICA
RECEPTION No.246983

07-09-2024

PRELIMINARY

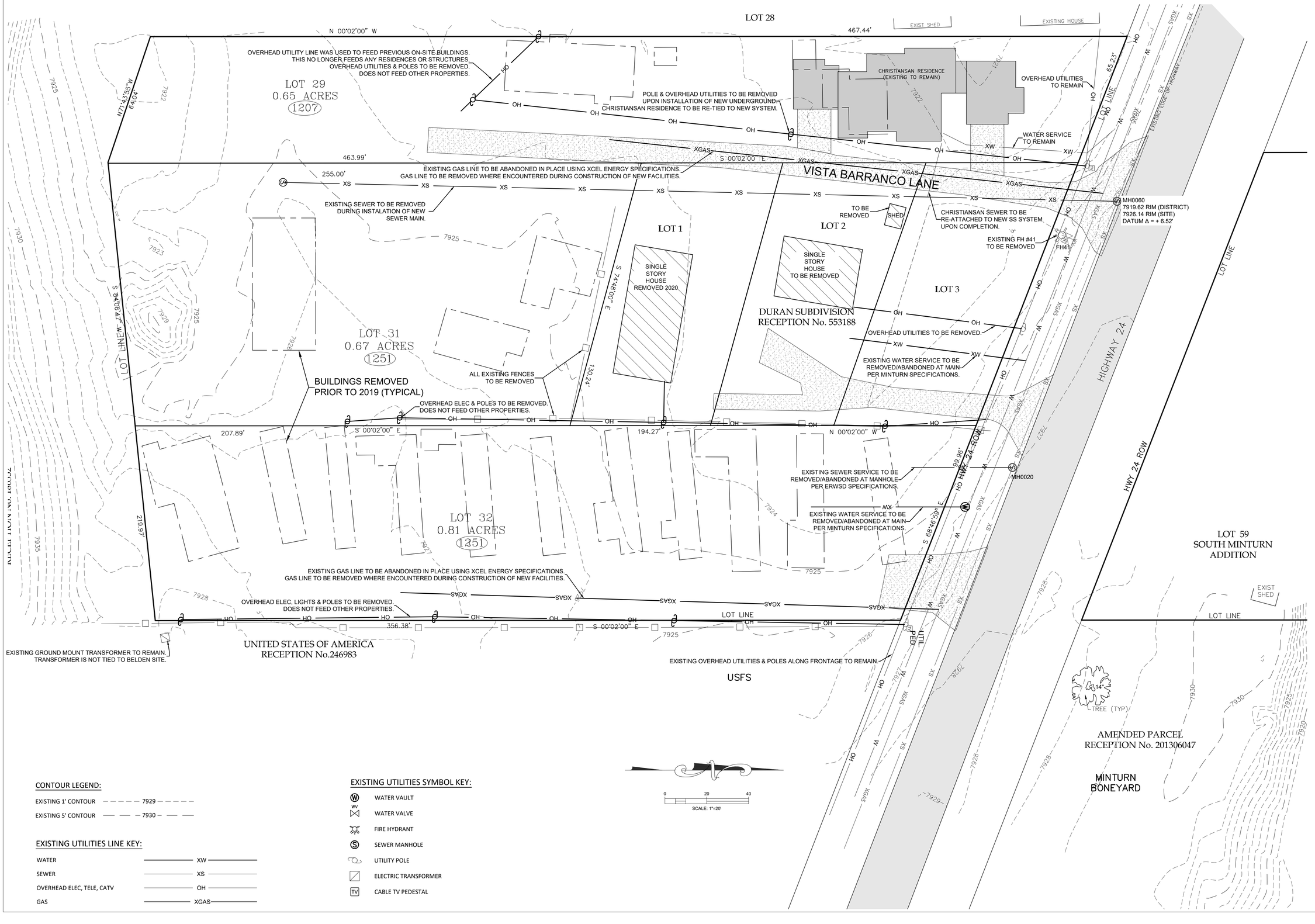
Matthew S. Slagle PLS 34998
Professional Land Surveyor
State of Colorado

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVERED SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF CERTIFICATION SHOWN HEREON.

SLAGLE SURVEY SERVICES
800 Castle Drive - P.O. Box 751 Eagle, Colorado 81631
970.471.1499 Office matthew@slaglesurvey.com
www.SlagleSurvey.com

FINAL PLAT
BELDEN PLACE, P.U.D.
Town of Minturn, County of Eagle, State of Colorado

DRAWN BY:	JOB NUMBER:	DRAWING NAME:
MSS	18029	18029_PUD-23.dwg
SHEET 3 OF 5		DATE: 11-11-2023



CONTOUR LEGEND:

EXISTING 1' CONTOUR ——— 7929 ———

EXISTING 5' CONTOUR —— —— 7930 —— ——

EXISTING UTILITIES LINE KEY:

WATER	XW
SEWER	XS
OVERHEAD ELEC, TELE, CATV	OH
GAS	XGAS

EXISTING UTILITIES SYMBOL KEY:

- WATER VAULT
- WV WATER VALVE
- FIRE HYDRANT
- SEWER MANHOLE
- UTILITY POLE
- ELECTRIC TRANSFORMER
- TV CABLE TV PEDESTAL

0 20 40

SCALE: 1"=20'

TIMBERLINE ENGINEERING llc CIVIL STRUCTURAL
218 E. Valley Rd. p 970.963.9869
SITE 104-PMB 177 81623
Carbondale, Colorado
timberlineengineering@gmail.com

COLORADO REGISTERED DAVID JOHN ANDERSON 39276 PROFESSIONAL ENGINEER

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Belden Place - 12 Plex (Flats)
Lot 7

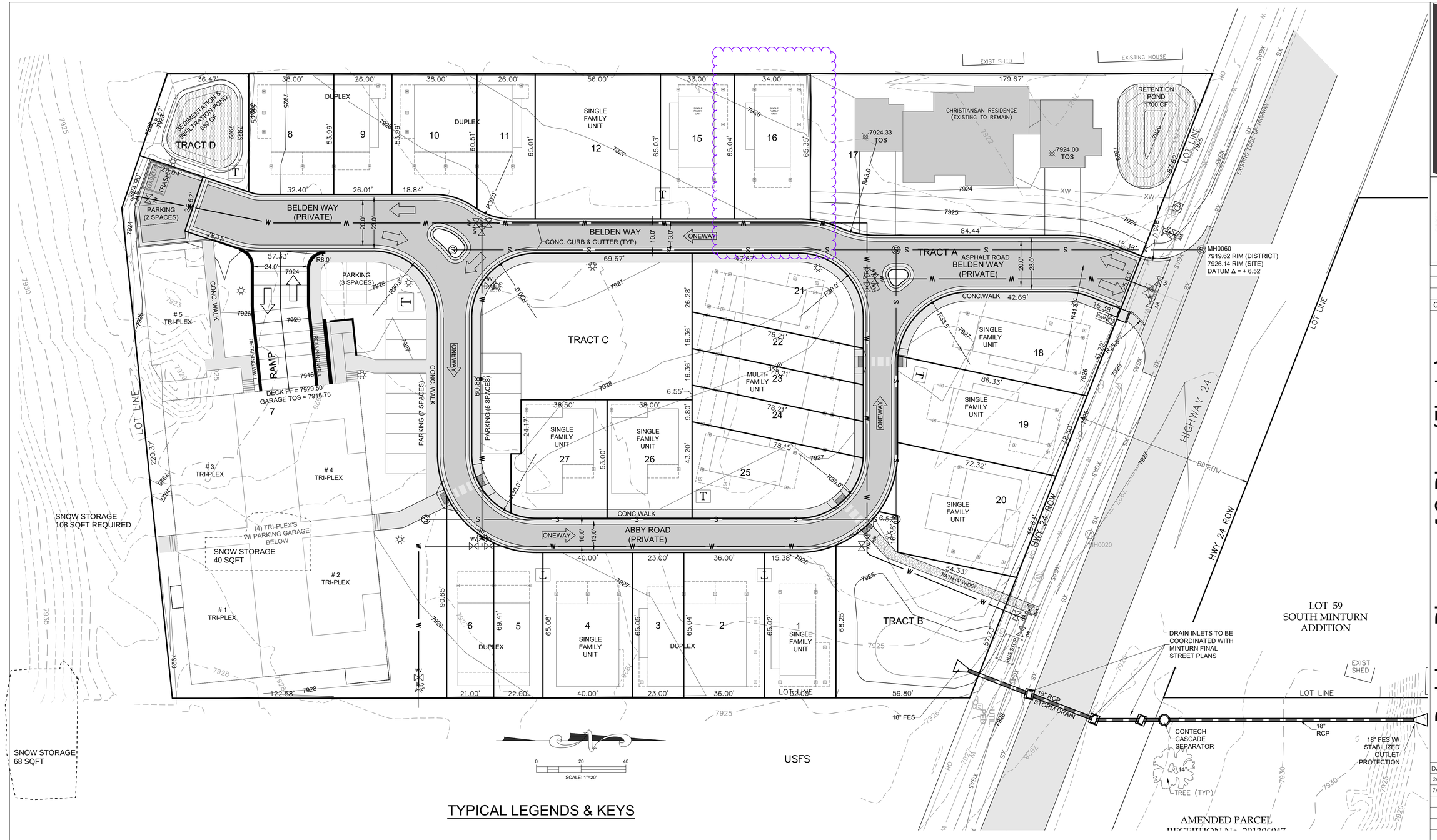
0036 Abby Road, Minturn, Colorado 81645

NOT FOR CONSTRUCTION

DATE	REVISION
2/15/22	Permit Set
7/29/24	Review comments 1

Title: EXISTING SITE & DEMOLITION PLAN

Sheet: C.110



TYPICAL LEGENDS & KEYS

AD	= AREA DRAIN
CFS	= CUBIC FEET PER SECOND
CONC	= CONCRETE
EC	= EDGE OF CONCRETE
EOA	= EDGE OF ASPHALT
EP	= EDGE OF PAVEMENT
EX	= EXISTING
FF	= FINISHED FLOOR
FG	= FINISHED GRADE
FL	= FLOW LINE
GD	= GRADE/GROUND
HP	= HIGH POINT
LP	= LOW POINT
TBC	= TOP BACK OF CURB
TD	= TRENCH DRAIN
TOS	= TOP OF SLAB
TOW	= TOP OF WALL
TYP	= TYPICAL
WH	= WALL HEIGHT
TOW	= TOP BACK OF WALK
EL	= ELEVATION
TOP	= TOP OF PIPE

CONTOUR LEGEND:

- EXISTING 1' CONTOUR — 7929
- EXISTING 5' CONTOUR — 7930
- PROPOSED 1' CONTOUR — 7929
- PROPOSED 5' CONTOUR — 7930

EXISTING UTILITIES LINE KEY:

- WATER — XW
- SEWER — XS
- OVERHEAD ELEC, TELE, CATV — OH
- GAS — XGAS

EXISTING UTILITIES SYMBOL KEY:

- WATER VAULT
- WATER VALVE
- FIRE HYDRANT
- SEWER MANHOLE
- UTILITY POLE
- ELECTRIC TRANSFORMER
- CABLE TV PEDESTAL

PROPOSED UTILITY SYMBOL KEY:

- WATER VAULT
- WATER VALVE
- FIRE HYDRANT
- SEWER MANHOLE
- UTILITY POLE
- ELECTRIC TRANSFORMER
- CABLE TV PEDESTAL
- ELECTRIC SPLICE VAULT
- STREET LIGHT

INDICATES DIRECTION OF TRAFFIC FLOW

LINE KEY:

- WATER — W
- SEWER — S

PARKING NOTES:

PARKING SPACES 9' X 18' MIN.

REFER TO "BELDEN PLACE PUD - FINAL PLAN SUBMITTAL" FOR FULL DEVELOPMENT SITE PLANE, PREPARED BY TIMBERLINE ENGINEERING DATE JULY 12, 2024, WAS USED AS THE BASIS OF DESIGN AND IS INCLUDED BY THE REFERENCE.

EARTHWORK:
5175 CYD CUT
8130 CYD FILL
2955 CYD NET <FILL>
(DOES NOT INCLUDE ONSITE HAUL-IN ±1000 CYD)

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Belden Place - 12 Plex (Flats)
Lot 7

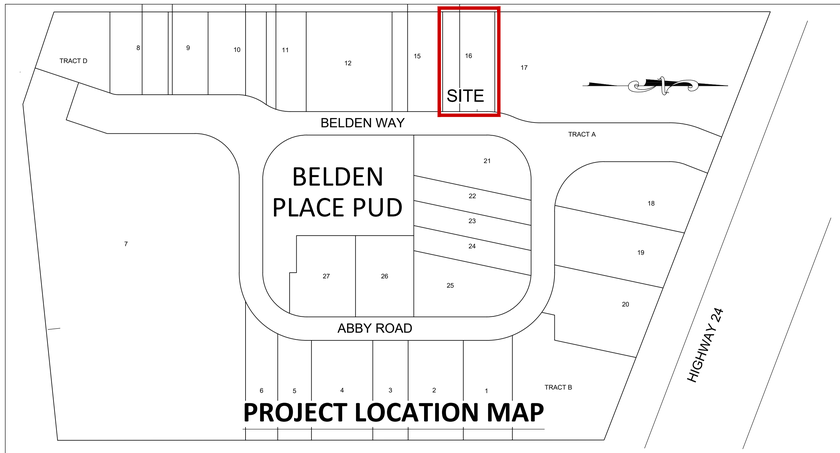
0036 Abby Road, Minturn, Colorado 81645

NOT FOR CONSTRUCTION

DATE	REVISION
2/15/22	Permit Set
7/29/24	Review comments 1

Title: PROPOSED SITE PLAN

Sheet: C.111



PROJECT LOCATION MAP

UNIT 16

SHEET INDEX:

C.1 SITE PLAN
C.3 DETAILS & CROSS SECTION

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timberlineengineering@gmail.com

COLORADO REGISTERED DAVID JOHN ANDREWS 39276 PROFESSIONAL ENGINEER

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ABBREVIATION KEY

AD	= AREA DRAIN
CFS	= CUBIC FEET PER SECOND
CONC	= CONCRETE
EC	= EDGE OF CONCRETE
EOA	= EDGE OF ASPHALT
EP	= EDGE OF PAVEMENT
EX	= EXISTING
FF	= FINISHED FLOOR
FG	= FINISHED GRADE
FL	= FLOW LINE
GD	= GRADE/GROUND
HP	= HIGH POINT
LP	= LOW POINT
TBC	= TOP BACK OF CURB
TD	= TRENCH DRAIN
TOS	= TOP OF SLAB
TOW	= TOP OF WALL
TYP	= TYPICAL
WH	= WALL HEIGHT
TOW	= TOP BACK OF WALK
EL	= ELEVATION
TOP	= TOP OF PIPE
WV	= WATER VALVE
WW	= WINDOW WELL

CONTOUR LEGEND:

EXISTING 1' CONTOUR	7929
EXISTING 5' CONTOUR	7930
PROPOSED 1' CONTOUR	7929
PROPOSED 5' CONTOUR	7930

LINE KEY:

WATER	W
SEWER	S
ELECTRIC	UEL
GAS	GAS
TELEPHONE	TEL
CATV	CTV
PROPERTY LINE	PL

PROPOSED UTILITY SYMBOL KEY:

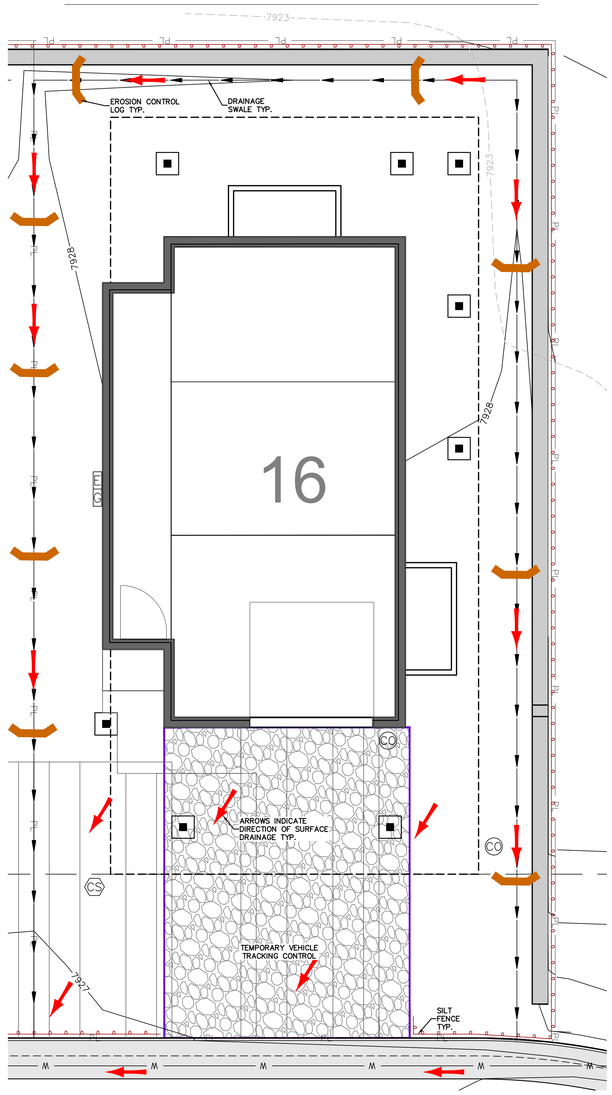
- WATER VAULT
- WATER VALVE
- FIRE HYDRANT
- SEWER MANHOLE
- UTILITY POLE
- ELECTRIC TRANSFORMER
- CABLE TV PEDESTAL
- ELECTRIC SPLICE VAULT
- WATER SERVICE CURB STOP
- SANITARY SEWER CLEANOUT
- STREET LIGHT

SITE CALCULATIONS - 16

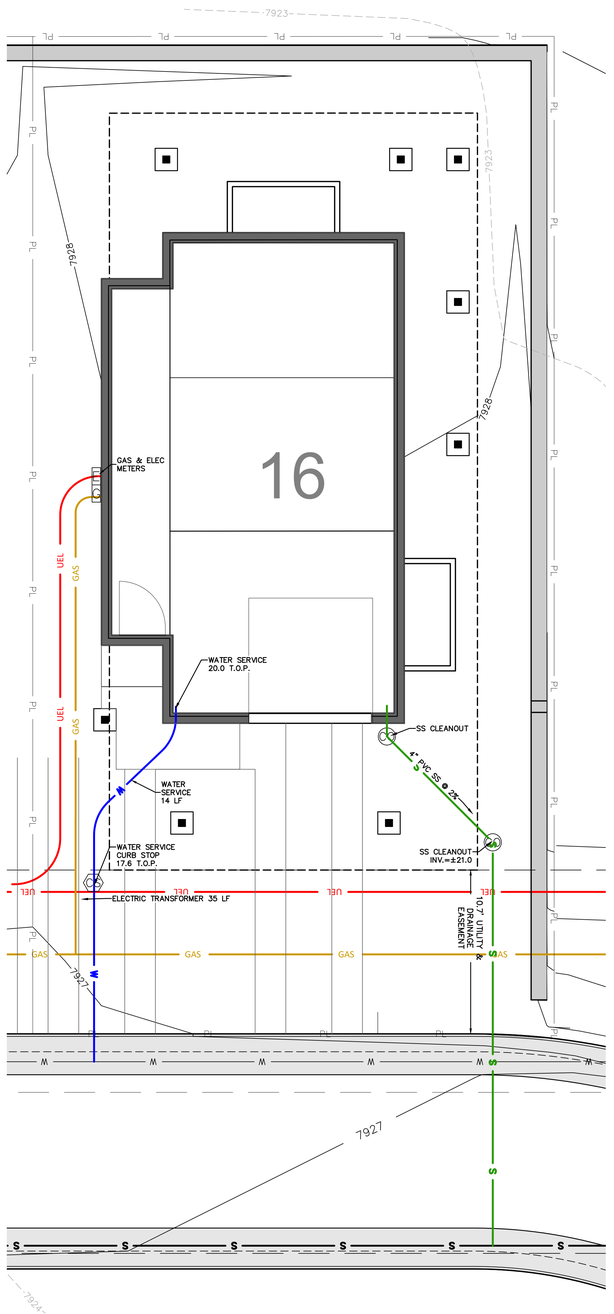
SITE SQFT	2,212 SQFT
BUILDING COVERAGE	922 SQFT
IMPERVIOUS COVERAGE (Includes Building)	1,026 SQFT
SITE COVERAGE ALLOWED	60%
SITE COVERAGE	46.4%

0 4 8 Feet

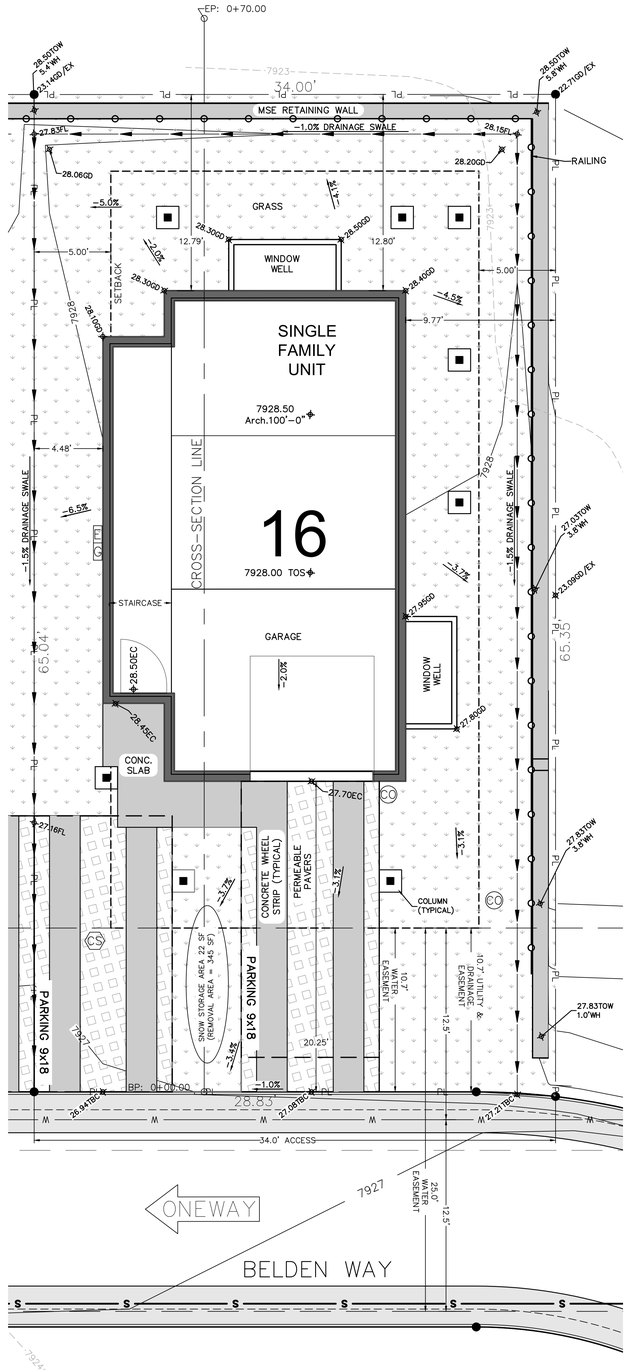
DRAINAGE & EROSION CONTROL PLAN



UTILITY PLAN



SITE PLAN WITH GRADING



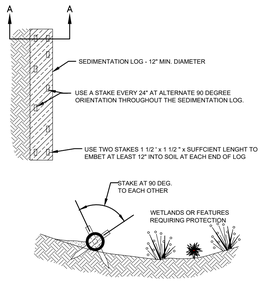
Belden Place
UNIT 16 SINGLE FAMILY RESIDENCE
Minturn, Colorado

NOT FOR CONSTRUCTION

DATE	REVISION
1/2/24	DRB Coordination
9/27/24	DRB Comments

Title: SITE PLAN

Sheet: C.1



SECTION A - A

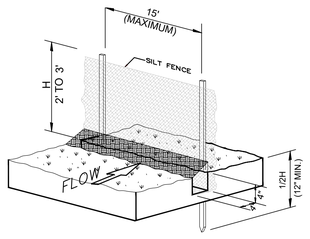
SEDIMENT CONTROL LOG INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATION AND LENGTH OF SEDIMENT CONTROL LOG.
2. SEDIMENT CONTROL LOGS INDICATED ON INITIAL SWMP PLAN SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
3. SEDIMENT CONTROL LOGS SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.
4. NOT FOR USE IN CONCENTRATED FLOW AREAS.
5. THE SEDIMENT CONTROL LOG SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 2".

SEDIMENT CONTROL LOG MAINTENANCE NOTES

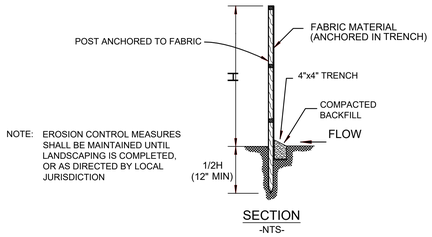
1. THE SWMP MANAGER SHALL INSPECT SEDIMENT CONTROL LOGS DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF SEDIMENT CONTROL LOGS SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT DEPTH IS WITHIN ½ THE HEIGHT OF THE CREST OF LOG.
3. SEDIMENT CONTROL LOG SHALL BE REMOVED AT THE END OF CONSTRUCTION. IF ANY DISTURBED AREA EXISTS AFTER REMOVAL, IT SHALL BE COVERED WITH TOP SOIL, DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

EROSION CONTROL LOG DETAIL



SILT FENCE INSTALLATION

-NTS-

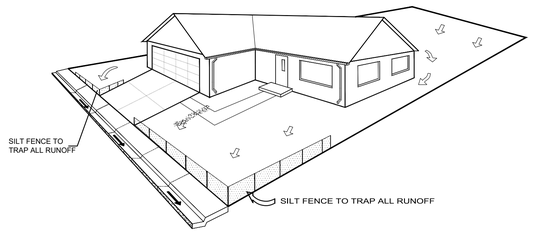


NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL LANDSCAPING IS COMPLETED, OR AS DIRECTED BY LOCAL JURISDICTION

SECTION

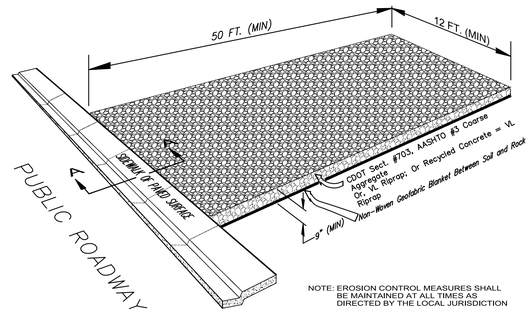
-NTS-

SILT FENCE INSTALLATION DETAIL

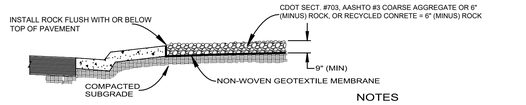


NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES AS DIRECTED BY LOCAL JURISDICTION

SILT FENCE PLACEMENT DETAIL



NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES AS DIRECTED BY THE LOCAL JURISDICTION



SECTION A-A

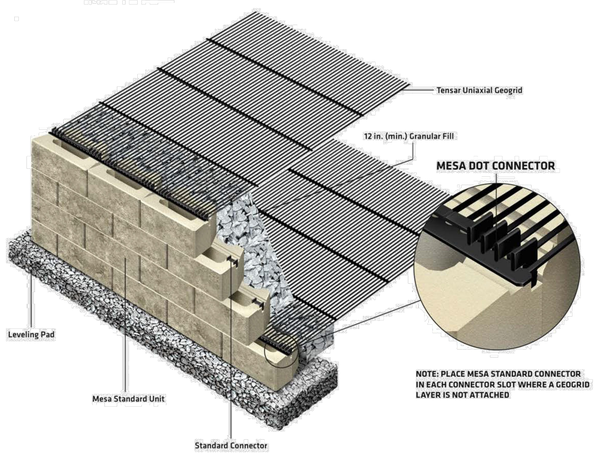
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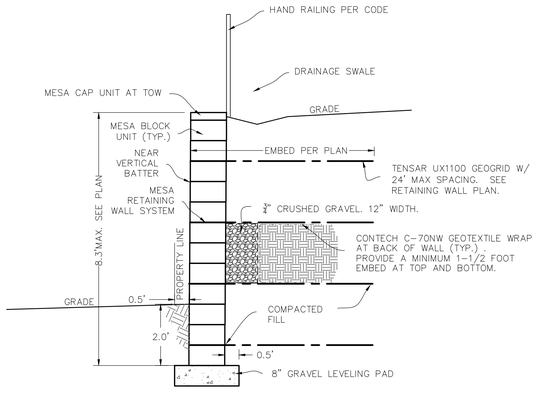
NOTES

1. ALL ROCK TO BE REMOVED UPON COMPLETION OF CONSTRUCTION.
2. PUBLIC ROADWAY TO BE KEPT CLEAN AND FREE OF MUD, DIRT AND DEBRIS AT ALL TIMES.

TEMPORARY VEHICLE TRACKING CONTROL DETAIL

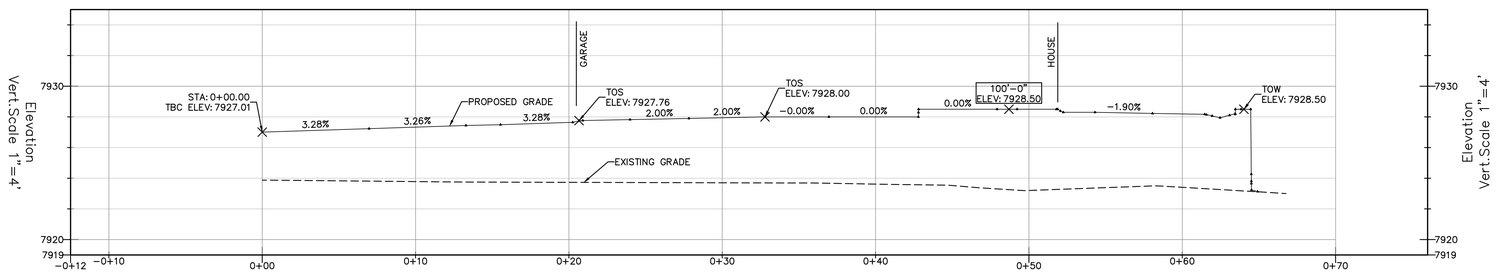
MESA® SYSTEM NEAR VERTICAL SETBACK WITH DOT CONNECTOR





RETAINING WALL DETAIL

LOT 16 SECTION



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CIVIL STRUCTURAL
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Belden Place
UNIT 16 SINGLE FAMILY RESIDENCE
Minturn, Colorado

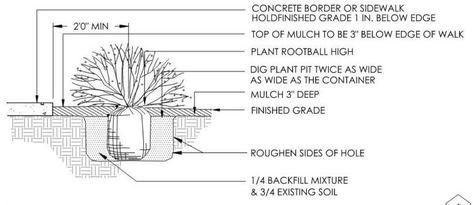
NOT FOR CONSTRUCTION

DATE	REVISION
1/2/24	DRB Coordination
9/27/24	DRB Comments

Title: DETAILS & CROSS SECTION

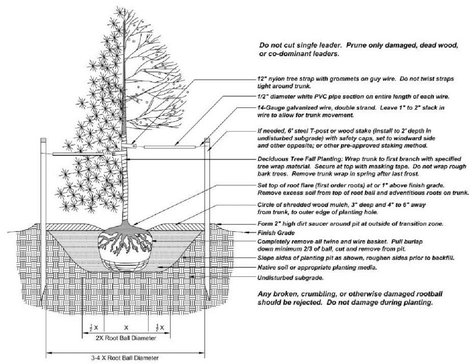
Sheet: C.2

PRUNE ALL DAMAGED OR DEAD WOOD IMMEDIATELY PRIOR TO PLANTING



1 SHRUB PLANTING
SCALE: 3/4" = 1'-0"

1



3 TREE PLANTING
SCALE: N.T.S.

3

NOTES:
1. CONTRACTOR TO SUBMIT SAMPLE PRIOR TO ORDERING MATERIAL OR DELIVERING TO SITE.
2. NO EDGER REQUIRED WHEN MULCH IS ADJACENT TO PAVEMENT, BORDER, OR WALLS.
3. SET ALL EDGING 1/2" ABOVE FINISH GRADE AS SHOWN.
4. EDGING SHALL ABUT ALL CONCRETE CURBS AND WALKS PERPENDICULAR, AND FLUSH W/ GRADES OF CONCRETE.
5. ALL JOINTS TO BE SECURELY STAKED.
6. CONTRACTOR SHALL CUT TOP EDGE(S) AS NEEDED TO BE PARALLEL WITH GRADE.

8 METAL EDGER
SCALE: 3/4" = 1'-0"

8

GENERAL NOTES:

1. CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL CODES AND REGULATIONS.
2. CONTRACTOR TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO BEFORE DIGGING, INCLUDING BUT NOT LIMITED TO, TRENCHING, SHRUB AND TREE PLANTING PITS. IF UTILITIES OCCUR WITHIN (3) THREE FEET OF PROPOSED FOOTINGS, THE CONTRACTOR SHALL REPORT SUCH CONDITIONS TO THE OWNER.
3. CONTRACTOR IS RESPONSIBLE FOR FULL ON-SITE INVESTIGATIONS AS NEEDED IN ORDER TO GAIN A FULL UNDERSTANDING OF EXISTING CONDITIONS PRIOR TO CONSTRUCTION. FAILURE TO INSPECT THE SITE PRIOR TO CONSTRUCTION SHALL NOT BE CAUSE FOR REQUESTING ADDITIONAL MONIES BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL OBTAIN, AT HIS EXPENSE, ALL PERMITS WHICH ARE NECESSARY TO PERFORM THE PROPOSED WORK.
5. THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR FOR SAFETY PRECAUTIONS OR PROBLEMS UTILIZED IN CONNECTION WITH THE WORK, AND HE/SHE WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. VERIFY ALL CONDITIONS AT THE JOB SITE AND NOTIFY LANDSCAPE ARCHITECT AND THE OWNER'S REP. IMMEDIATELY OF ANY DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES PRIOR TO ANY DEMOLITION OR CONSTRUCTION.

SIGHT TRIANGLE NOTES:

PEDESTRIAN SIGHT TRIANGLES: NO ITEMS THAT ARE WIDER THAN 18" MAY BE TALLER THAN 30" WITHIN THE PEDESTRIAN SIGHT TRIANGLE.

CORNER SIGHT TRIANGLES: NO ITEMS TALLER THAN 30" MAY BE PLACED WITHIN THE CORNER SIGHT TRIANGLE, EXCEPT FOR TRAFFIC CONTROL DEVICES AND EQUIPMENT. TREES MUST BE LIMBED TO 8 FEET AT ADEQUATE MATURITY. TREES SHALL BE PLANTED A MINIMUM OF 10 FEET FROM LIGHT OR UTILITY POLES.

ROADWAY SIGHT TRIANGLES: NO ITEMS THAT ARE WIDER THAN 18" MAY BE TALLER THAN 30" WITHIN THE ROADWAY SIGHT TRIANGLE EXCEPT FOR STREET TREES AND TRAFFIC CONTROL DEVICES AND EQUIPMENT.

TREE PROTECTION ZONE (TPZ) NOTES:

1. CONTRACTOR SHALL VERIFY FINAL BOUNDARIES OF TPZ PRIOR TO COMMENCEMENT OF CONSTRUCTION/DEMOLITION ACTIVITIES. EXCESSIVE BRANCH PRUNING ON EXISTING TREES FOR CONSTRUCTION CLEARANCE WILL NOT BE PERMITTED. PRUNING FOR BUILDING CLEARANCE SHALL BE MINIMIZED, DUE TO SCOPE OF CONSTRUCTION AND SIZE OF EX. ROW TREES, USE CHAIN LINK FENCING TO ESTABLISH TPZ.
2. THE TREE LAWN WITHIN THE BOUNDARY OF THE TREE DRIPLINE SHALL NOT BE ROTOTILLED AT ANY TIME. ROTOTILLING IS ONLY PERMITTED IN AREAS OUTSIDE OF EXISTING TREE DRIPLINE WHERE CONCRETE & HARDSCAPE ARE REMOVED.

ORNAMENTAL TREES

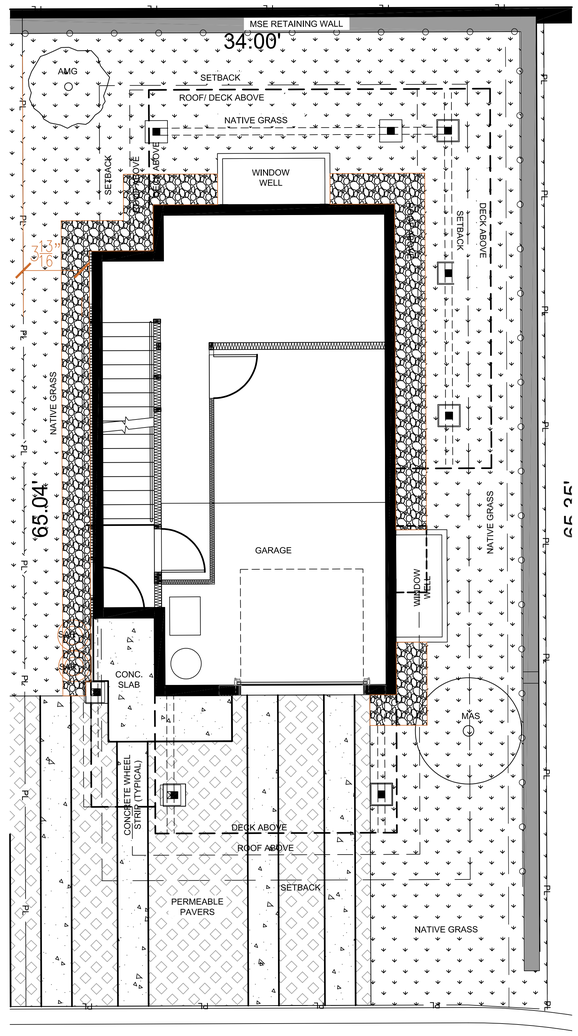
ABB.	BOTANIC	COMMON	SPACING	SIZE	QTY
AMG	*Amelanchier x grandiflora*	Autumn Brilliance Serviceberry	as shown	8' clump	21
CMT	*Crataegus x mordenensis 'Toba'*	Toba Hawthorn	as shown	2" Cal	5
MAS	*Malus x 'Spring Snow'*	Spring Snow Crabapple	as shown	2" Cal	8
MAT	*Malus 'Thunderchild'*	Thunderchild Crabapple	as shown	2" Cal	5
QUG	*Quercus gambelii*	Gambel Oak	as shown	8' clump	11

DECIDUOUS SHRUBS

ABB.	BOTANIC	COMMON	SPACING	SIZE	QTY
SAR	*Salix repens*	Creeping Willow	as shown	5 Gal.	9
SOS	*Sorbaria sorbifolia*	Ash-leaf Spirea	as shown	5 Gal.	6
SPM	*Syringa patula 'Miss Kim'*	Miss Kim Lilac	as shown	5 Gal.	9
SYO	*Symphoricapos occidentalis*	Western Snowberry	as shown	5 Gal.	4

LANDSCAPE NOTES:

1. ALL NEW LANDSCAPE AND IRRIGATION SHALL BE UNDER WARRANTY FOR A PERIOD OF (1) ONE YEAR. THE WARRANTY PERIOD SHALL COMMENCE ONCE ALL PUNCH LIST ITEMS ARE SATISFACTORY COMPLETED AND A LETTER OF FINAL COMPLETION IS PROVIDED FROM THE OWNER'S REPRESENTATIVE. ALL LANDSCAPE AND IRRIGATION MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR 1 YEAR AFTER THE FINAL COMPLETION IS PROVIDED IN WRITING.
2. PLANT MATERIAL AND BED LOCATIONS TO BE STAKED BY THE LANDSCAPE CONTRACTOR FOR REVIEW BY THE OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT. ALL ADJUSTMENTS SHALL BE MADE BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT DIG PLANT PITS UNTIL LOCATIONS ARE APPROVED.
3. ROUGH GRADING TO PLUS OR MINUS ONE TENTH OF A FOOT BY GENERAL CONTRACTOR. LANDSCAPE CONTRACTOR TO PROVIDE FINISH GRADING IN ALL LANDSCAPE AREAS. LANDSCAPE CONTRACTOR TO APPROVE ROUGH GRADES PRIOR TO MOBILIZATION. MOBILIZATION ON THE PART OF THE LANDSCAPE CONTRACTOR WILL INDICATE THAT ROUGH GRADING IS ACCEPTABLE TO THE LANDSCAPE CONTRACTOR, AND THEREFORE BE RESPONSIBLE FOR PROVIDING ALL FINISHED GRADES TO MEET THE CIVIL GRADING PLANS.
4. TREES AND SHRUBS WILL BE INSPECTED ON-SITE. LANDSCAPE PLANT MATERIALS MAY BE REJECTED AT ANY TIME DUE TO ISSUES OF QUALITY.
5. ALL NEW LANDSCAPE AREAS SHALL BE IRRIGATED BY A COMMERCIAL GRADE, FULLY AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. TREES, SHRUBS, AND DECORATIVE GRASSES SHALL BE IRRIGATED BY A SEPARATE ZONE FROM SOD/GRASS; THIS INCLUDES TREES PLANTED IN SOD/GRASS AREA. THE IRRIGATION SYSTEM IS TO HAVE A RAIN SENSOR SHUTOFF INSTALLED. IRRIGATION TO BE DESIGN/BUILD, CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH ARCHITECT, LANDSCAPE ARCHITECT, AND MECHANICAL AND FOR GENERATION OF AN IRRIGATION PLAN FOR REVIEW WITH AS BUILT PLAN AS REQUIRED.
6. ALL PLANT MATERIAL SHALL MEET OR EXCEED CURRENT AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1 AND THE COLORADO NURSERY ACT AND ACCOMPANYING RULE AND REGULATIONS.
7. TRUNK-WRAP TAPE: TWO LAYERS OF CRINKLED PAPER CEMENTED TOGETHER WITH BITUMINOUS MATERIAL, 4 INCHES (102 MM) WIDE MIN.
8. WRAPPING TREE TRUNKS: WRAP TREES WITH TRUNK-WRAP TAPE. START AT BASE OF TRUNK AND SPIRAL COVER TRUNK TO HEIGHT OF FIRST BRANCHES. OVERLAP WRAP, EXPOSING HALF THE WIDTH, AND SECURELY ATTACH WITHOUT CAUSING GIRDLING. DO NOT USE STAPLES. INSPECT TREE TRUNKS FOR INJURY, IMPROPER PRUNING, AND INSECT INFESTATION AND TAKE CORRECTIVE MEASURES REQUIRED BEFORE WRAPPING. DO NOT WRAP ROUGH BARK, POPULUS OR GLEDITSIA TREES. REMOVE WRAP IN SPRING.
   - 8.1. NO TREE SHALL BE WRAPPED AFTER MAY 21 OR BEFORE NOVEMBER 1.
   - 8.2. ALL DECIDUOUS TREES SHALL BE WRAPPED BY NOV. 15. REMOVE TREE WRAP BY MAY 15.
   - 8.3. CONTRACTOR SHALL BE RESPONSIBLE FOR WRAPPING AND UNWRAPPING TREES DURING THE WARRANTY PERIOD.
9. FIBER MULCH AT PLANTING BEDS: ORGANIC MULCH FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF TREES AND SHRUBS, CONSISTING OF SHREDDED REDWOOD MULCH NOT LARGER THAN FOUR INCHES (4") IN LENGTH. SUBMIT 1.0 CF SAMPLE FOR APPROVAL.



1 ENLARGED LANDSCAPE PLAN
A1.1 1/4"=1'-0"

SOIL PREPARATION:

SOIL SHALL BE AMENDED BASED ON THE SOIL TEST RECOMMENDATIONS (TO ADDRESS SPECIFIC DEFICIENCIES & ISSUES IN EXISTING SOIL). THE FOLLOWING INCLUDES THE SOIL TEST REQUIREMENTS AND RECOMMENDATIONS TO BE USED IN CONJUNCTION WITH THE SOIL TEST RESULTS:

1. SOIL ANALYSIS, BULK DENSITY TESTING AND REMEDIATION REQUIRED. SOIL ANALYSIS FROM A LOCAL ACCREDITED SOIL ANALYSIS LABORATORY WITH EXPERIENCE IN LOCAL URBAN SOILS SHALL BE REQUIRED WHEN PLANTS ARE TO BE INSTALLED IN GREEN SPACE. ALL SOIL REMEDIATION SHALL BE BASED ON THE SOIL ANALYSIS.
   - 1.1. MINIMUM SOIL ANALYSIS MUST DETERMINE SOIL TEXTURE AND STRUCTURE, PH BALANCE, SOIL SALINITY, FREE LIME, ORGANIC MATTER (OM) CONTENT, PLANT AVAILABLE NUTRIENTS AND COMPACTION.
   - 1.2. DEPTH OF LANDSCAPE SOIL ANALYSIS SHALL BE 24IN FOR TREES AND 8IN FOR ALL OTHER AREAS
   - 1.3. SOIL REMEDIATION REQUIRED BASED ON SOIL ANALYSIS.

2. COMPOSTED MATERIAL SHALL CONSIST OF AGED ORGANIC MATTER, FREE OF WEED OR OTHER NOXIOUS PLANT SEEDS, LUMPS, STONES, OR OTHER FOREIGN CONTAMINANTS HARMFUL TO PLANT LIFE, AND HAVING THE FOLLOWING CHARACTERISTICS BASED ON A NUTRIENT TEST PERFORMED NO LONGER THAN 3 MONTHS PRIOR TO ITS INCORPORATION INTO THE PROJECT:
   - 1.1. ORGANIC MATTER: 25% MINIMUM.
   - 1.2. SALT CONTENT: 5.0 MMHOS/CM MAXIMUM.
   - 1.3. PH: 8.5 MAXIMUM.
   - 1.4. CARBON TO NITROGEN RATIO OF 10:1 TO 20:1.
   - 1.5. PARTICLE SIZE NO PARTICLE SMALLER THAN SILT OR CLAY SIZE, OR LARGER THAN ½" DIAMETER
   - 1.6. ACCEPTABLE COMPOST PRODUCT: CLASS I COMPOST, SUCH AS ECOGRO OR BIO-COMP, AS PROVIDED BY A1 ORGANICS, EATON, CO, OR APPROVED EQUAL.

2. FINISH GRADE TO BE BELOW THE EDGE OF PAVEMENT PRIOR TO SODDING OR PLANTING:
   - 1.1. SEEDED/SODDED AREAS: ALLOW 1 INCH FOR SOD.
   - 1.2. PLANTED AREAS: ALLOW 3 INCHES FOR MULCH.

4. AFTER APPLYING SOIL CONDITIONER AND FERTILIZER, THOROUGHLY TILL AREA TO DEPTH OF 6" MINIMUM UNTIL SOIL IS WELL PULVERIZED AND THOROUGHLY MIXED.

NATIVE GRASS

2" GRAVEL DRIP LINE MULCH

CONC. PARKING STRIP

PERMEABLE PAVERS

SITE CALCULATIONS - 16

SITE SQFT	2,212 SQFT
BUILDING COVERAGE	922 SQFT
IMPERVIOUS COVERAGE (Includes Building)	1,026 SQFT
SITE COVERAGE ALLOWED	60%
SITE COVERAGE	46.4%



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Timberline Engineering
(970) 963 9869
Structural Engineer:
KRM Consultants, Inc.
(970) 949-9391

Seal

Revisions:

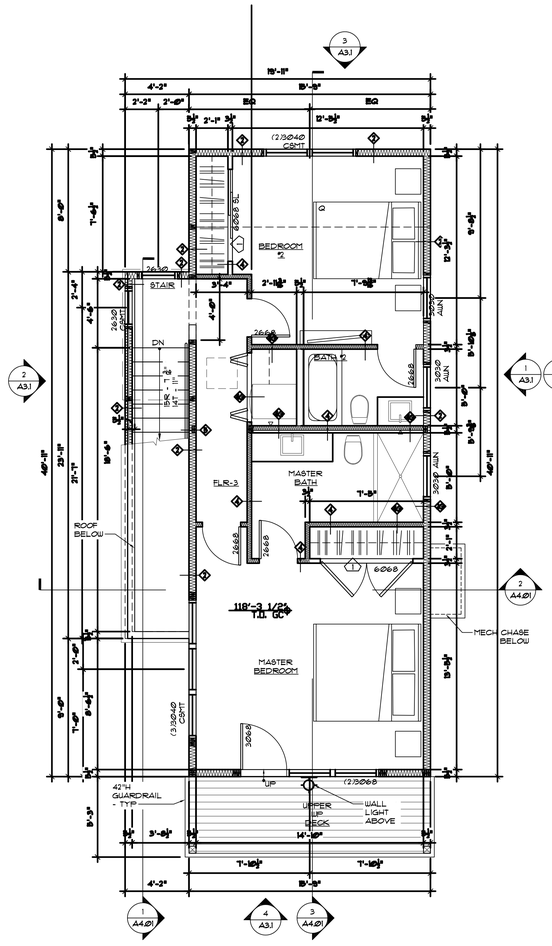
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20220509 Struct Coord
DRB-09/13/224

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Landscape Plan

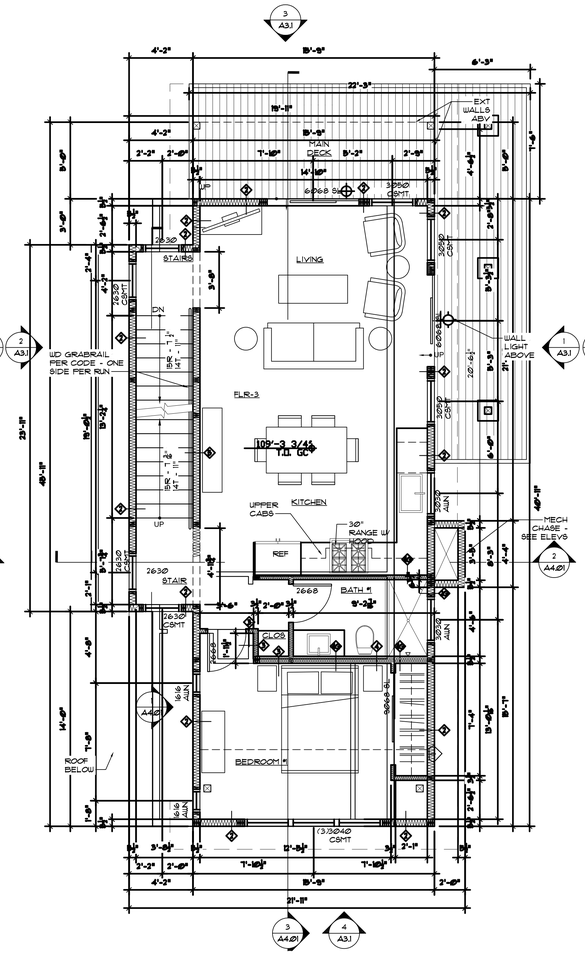
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2215

Sheet No:
A1.1

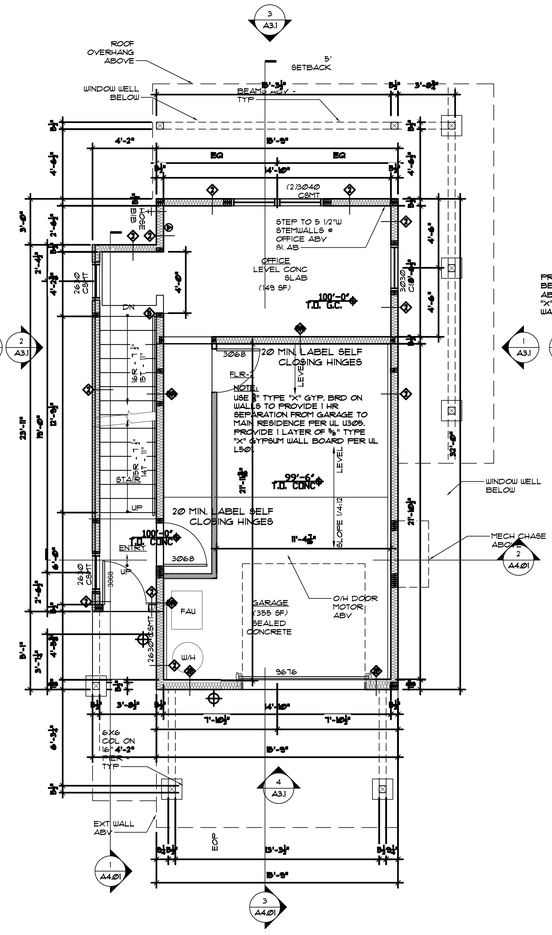
Belden Place - Single Family
Lot 16 - 0013 Beldan Way
Minturn, Colorado 81645



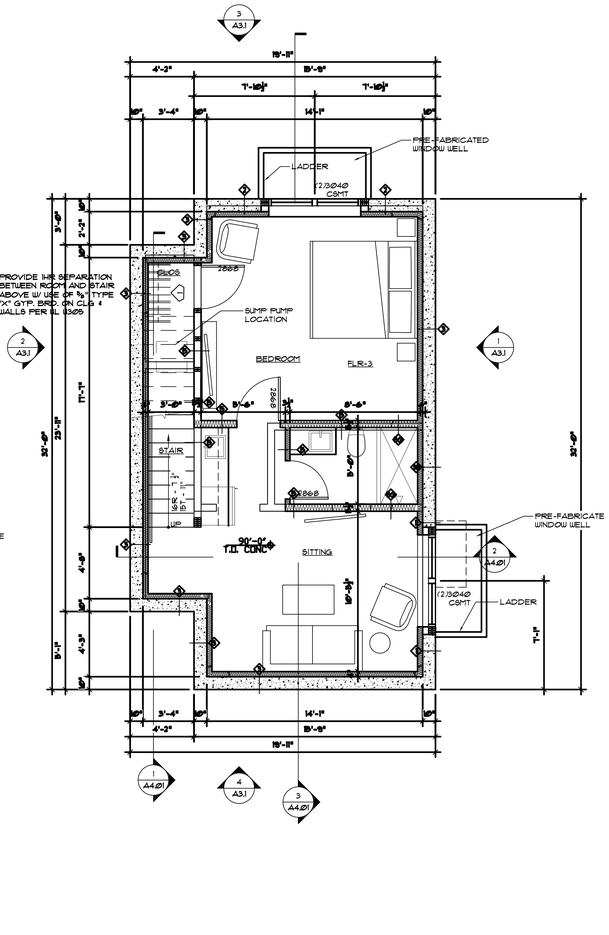
4 A2.1 UPPER LEVEL FLOOR PLAN
1/4"=1'-0"



3 A2.1 MAIN LEVEL FLOOR PLAN
1/4"=1'-0"



2 A2.1 LOWER LEVEL PLAN
1/4"=1'-0"



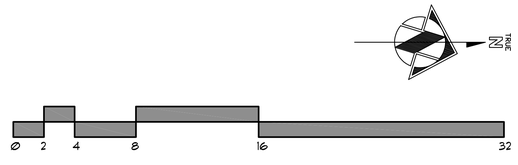
1 A2.1 BASEMENT FLOOR PLAN
1/4"=1'-0"

CLOSET NOTES:

1. SINGLE HANGING: DESIGNATED BY SINGLE DASHED LINE IN CLOSETS TO BE: 16" SHELF @ 1'-0" AFF, 15" SHELF & ROD @ 5'-6" AFF.
2. DOUBLE HANGING: DESIGNATED BY DOUBLE DASHED LINE IN CLOSETS TO BE: 16" SHELF & ROD @ 1'-0" AFF, 12" SHELF & ROD @ 5'-6" AFF.
3. SHELVES @ WALK-IN CLOSETS: @ - 16" SHELVES @ 1'-2" OC, 1st SHELF @ 1'-2" AFF, SHELF WIDTH TO BE CLOSET WIDTH, LESS 4'-0" OR AS OTHERWISE INDICATED.
4. LINEN SHELVES: @ SHELVES, WIDTH AS NOTED, @ 1'-2" OC, 1st SHELF @ 1'-2" AFF, FULL CLOSET WIDTH.
5. STORAGE SHELVES: @ - 16" SHELVES @ 1'-2" OC, 1st SHELF @ 1'-2" AFF, FULL CLOSET WIDTH.

GENERAL CLOSET NOTES:

1. ALL SHELVES & VERTICAL DIVIDERS TO BE AC PLYWOOD WITH 1x2 EDGE, SPECIES TO BE SPECIFIED BY DEVELOPER.
2. CLEATS TO BE 1x3 CLEAR PINE.
3. PROVIDE ROD SUPPORTS @ 36" OC MAX.
4. ALL TO BE STAINED TO MATCH CASE & BASE.



SCALE: ¼"=1'-0"

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KRM Consultants, Inc.
(970) 949-9391

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Belden Place - Single Family
Lot 16 - 0013 Beldan Way
Minturn, Colorado 81645

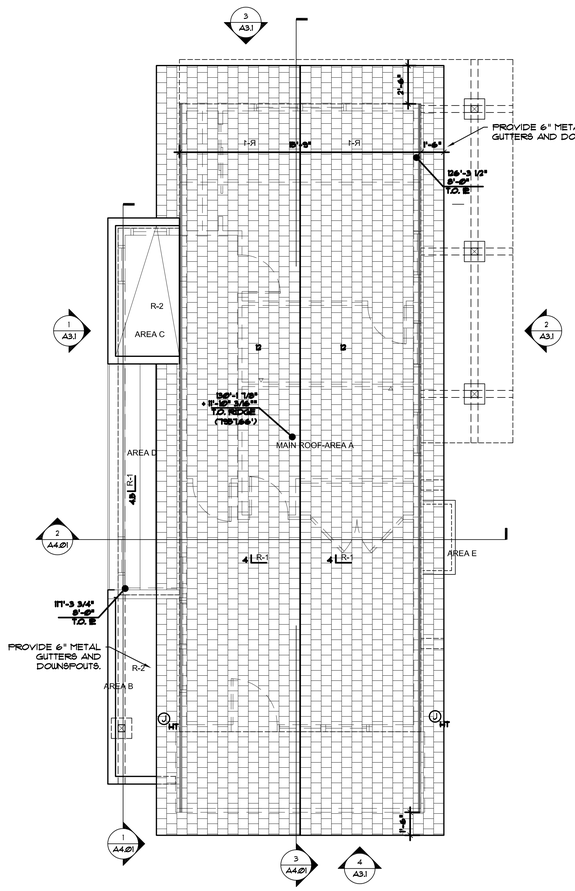
Revisions:

Issue Dates:
20230609 Struct Coord
DRB-11/08/2023
CDs - 03/11/2024

Sheet Title:
Floor Plans

Project No:
2215

Sheet No:
A2.1



1 A2.1 ROOF PLAN
1/4"=1'-0"

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Revisions:

Issue Dates:
20220909 Strut Coord
DRB-11/28/2023

Sheet Title:
Roof Plan

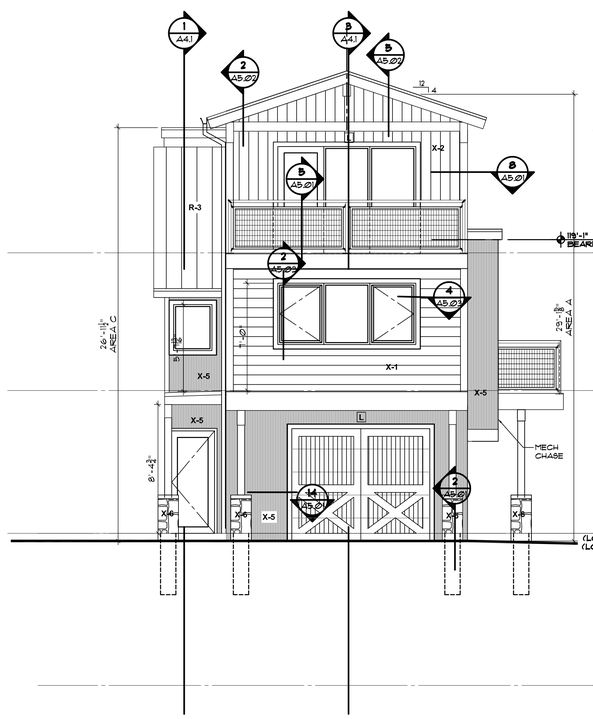
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Project No:
2215

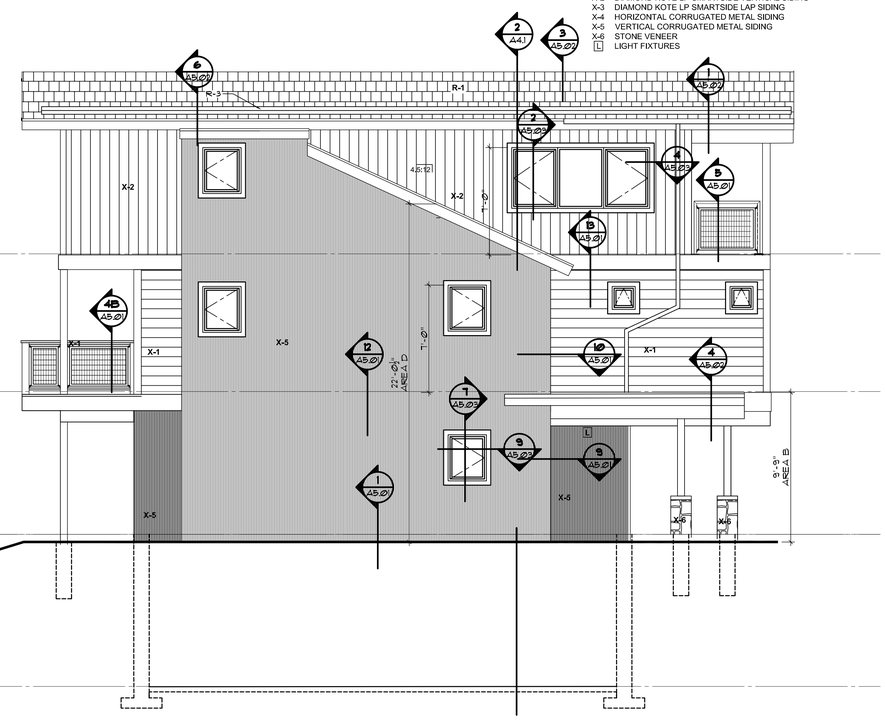
Sheet No:
A2.2

MATERIAL LEGEND

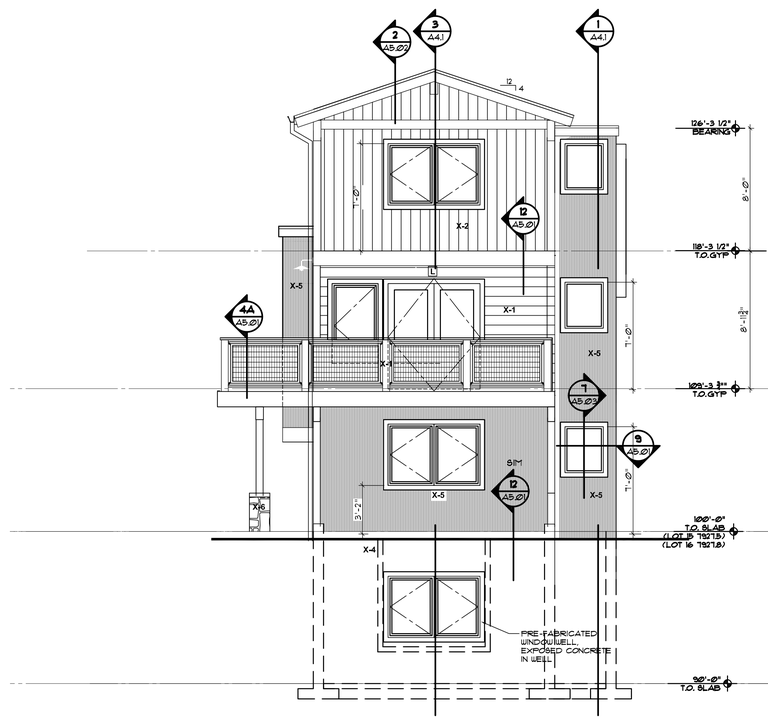
R-1: ASPHALT SHINGLE ROOF
R-2: LOW SLOPE EPDM
R-3: STANDING SEAM METAL ROOFING
X-1 DIAMOND KOTE LP SMARTSIDE LAP SIDING
X-2 DIAMOND KOTE LP SMARTSIDE VERTICAL SIDING
X-3 DIAMOND KOTE LP SMARTSIDE LAP SIDING
X-4 HORIZONTAL CORRUGATED METAL SIDING
X-5 VERTICAL CORRUGATED METAL SIDING
X-6 STONE VENEER
L LIGHT FIXTURES



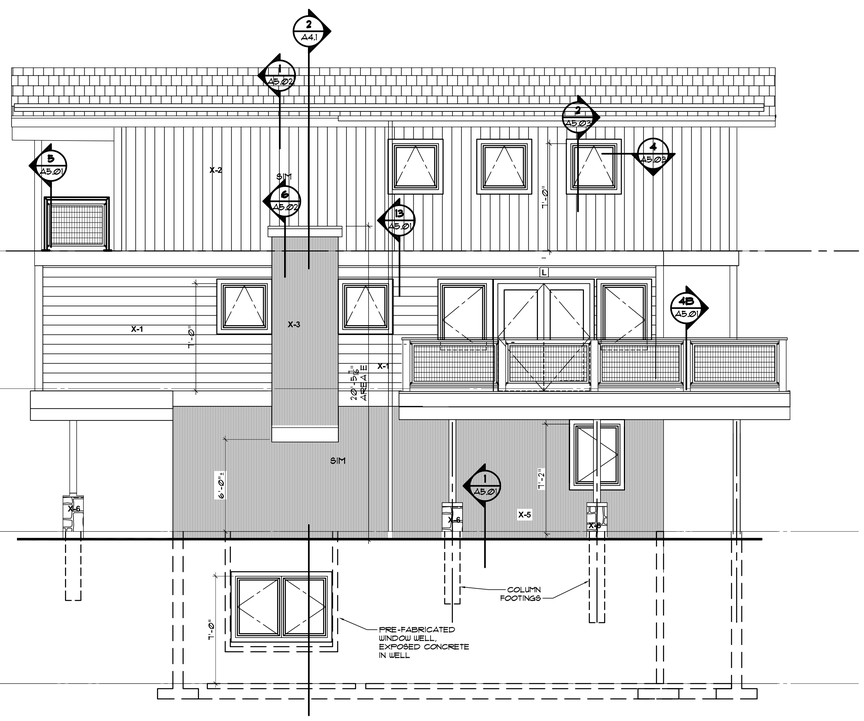
TYPICAL FRONT ELEVATION
4 A3.1



TYPICAL LEFT SIDE ELEVATION
2 A3.1



TYPICAL REAR ELEVATION
3 A3.1



TYPICAL RIGHT SIDE ELEVATION
1 A3.1

Roof Mark	Roof Area (SF)		Roof Area %		Avg Hgt (Ft)		Weighted Avg (Ft)	
A	925.00	/ by total	89.31	X	29.14	=	2602.54	
B	57.00	/ by total	5.50	X	9.75	=	53.66	
C	45.00	/ by total	4.34	X	26.96	=	117.14	
D	4.70	/ by total	0.45	X	22.04	=	10.00	
E	4.00	/ by total	0.39	X	20.45	=	7.90	
	1035.70		100.00		108.34		2791.24	27.91
								27' 11"

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Revisions:

Issue Dates:
20220509 Struct Coord
DRB-11/28/2023

Sheet Title:
Exterior Elevations

Project No:
2215

Sheet No:
A3.1



X-1
1 A3.1 LAP SIDING

SIMILAR TO DIAMOND KOTE LP
8" LAP SIDING
COLOR: WHITE



LAP SIDING EXAMPLE
MATERIAL EXAMPLE ONLY
NOT FOR COLOR

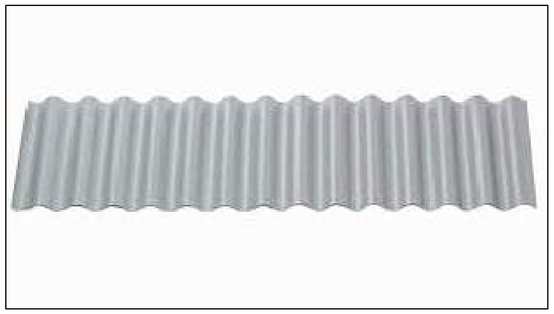


X-2
2 A3.1 VERTICAL SIDING

SIMILAR TO DIAMOND KOTE LP
VERTICAL GROOVED SIDING
COLOR: GRIZZLY



VERTICAL SIDING EXAMPLE
MATERIAL EXAMPLE ONLY
NOT FOR COLOR



X-4
4-5 A3.1 HORIZONTAL CORRUGATED PANELS
X-5
VERTICAL CORRUGATED PANELS

SIMILAR TO WESTERN STATES METAL
ROOFING - GALVANIZED 7/8"
CORRUGATED PANELS



X-6
6 A3.1 STONE VENEER - THIN VENEER

SIMILAR TO GALLEGOS - #366
COURTLAND LOW RISE



R-1
7 A3.1 ROOFING

SIMILAR GAF DESIGNER SHINGLES
WOODLAND "CASTLEWOOD GRAY"



R-3
7B A3.1 ROOFING

SIMILAR WESTERN STATES
2" STANDING SEAM - 12" WIDTH
COLOR: GALVANIZED TO MATCH
CORRUGATED PANELS

GENERATION LIGHTING

8637401-12: Medium One Light Outdoor Wall Lantern



Dimensions:

Diameter:	12"	**Extends:**	17 1/8"
Width:	12"	**Extends Max:**	23 1/8"
Height:	10 5/8"	**Wire:**	6 1/2" (color/Black/White)
Weight:	1.8 lbs.	**Mounting Proc.:**	Cap Nuts
		Connection:	Mounted To Box

Bulbs:
1 - Medium A19 75w Max. 120v - Not included

Features:
- Dark sky friendly. Designed to emit no light above the 90° horizontal plane. Photometry unavailable.
- Easily converts to LED with optional replacement lamps
- Meets Title 24 energy efficiency standards
- Title 24 compliant if used with Joint Appendix (JA8) approved light bulbs listed in the California Energy Commission Appliance database.

Material List:
1 Body - Aluminum - Black

Safety Listing:
Safety Listed for Wet Locations

Instruction Sheets:
Trilingual (English, Spanish, and French) (990W8_37401-BRL)

Collection: Barn Light

Featured in the decorative Barn Light collection

1 A19 Medium 75 watt light bulb

Dark sky friendly. Designed to emit no light above the 90° horizontal plane. Photometry unavailable.

Easily converts to LED with optional replacement lamps

Meets Title 24 energy efficiency standards

UPC #:785652069352

Finish: Black (12)

Backplate / Canopy Details:

Type	Height / Length	Width	Depth	Diameter	Outlet Box Up	Outlet Box Down
Back Plate			1 1/4	5	4 1/8	6 1/2

Shipping Information:

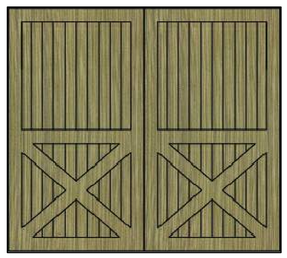
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Individual	8537401EN3-12	1	785652069352	16.75	14.58	13.25	1.873	4.1	250	Yes
NJ Pallet		45		48	40	77	85.556	184		No
NV Pallet		40		48	40	77	85.556	160		No

9 A3.1 LIGHT FIXTURE

SW 7069
Iron Ore
Interior / Exterior

PAINTED ITEMS:
SHERWIN WILLIAMS 7069 - IRON ORE
TRIM, WOOD BEAMS, GUTTERS AND
OTHER METALS

WINDOWS SIMILAR TO:
SIERRA PACIFIC "BLACK"
WOOD CLAD WINDOWS





8 A3.1 GARAGE DOOR

SIMILAR RAYNOR ST AUGUSTINE (PANEL
PATTERN)
TEXTURED PANELS
COLOR: WALNUT

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Revisions:

Issue Dates:
2020808 Struct Coord
DRB-11/23/2020

Sheet Title:
Materials

Project No:
2215

Sheet No:
A3.2



TYPICAL FRONT ELEVATION
4 A3.1



TYPICAL LEFT SIDE ELEVATION
2 A3.1

RENDERINGS ARE FOR GENERAL UNDERSTANDING OF THE COLOR LOCATIONS. DETAILS MAY DIFFER FROM ELEVATIONS ON SHEET A3.1. IF THERE ARE DIFFERENCES A3.1 IS CORRECT.



TYPICAL REAR ELEVATION
3 A3.1



TYPICAL RIGHT SIDE ELEVATION
1 A3.1

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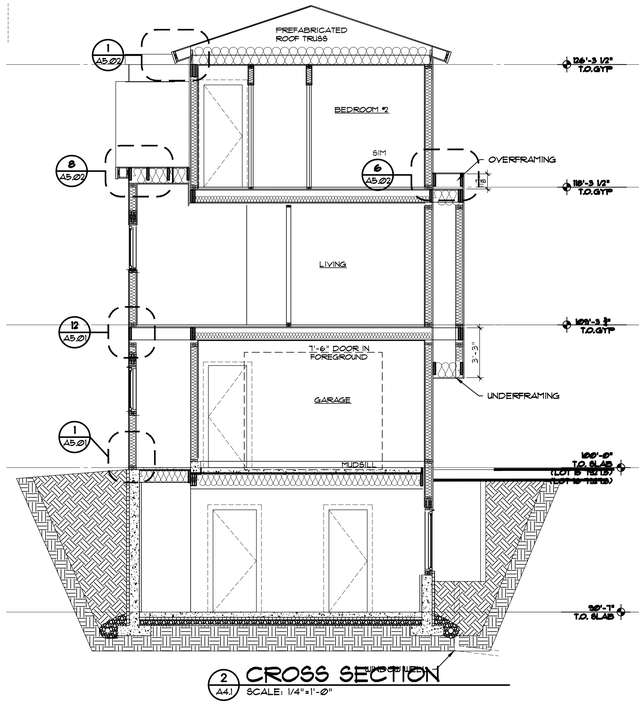
Revisions:

Issue Dates:
20220509 Struct Coord
DRB-11/28/2023

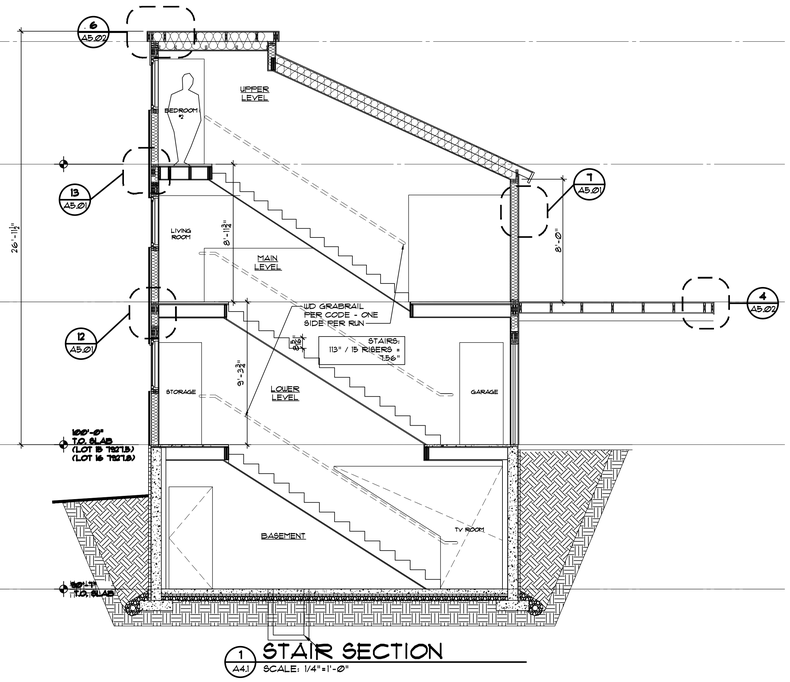
Sheet Title:
Renderings

Project No:
2215

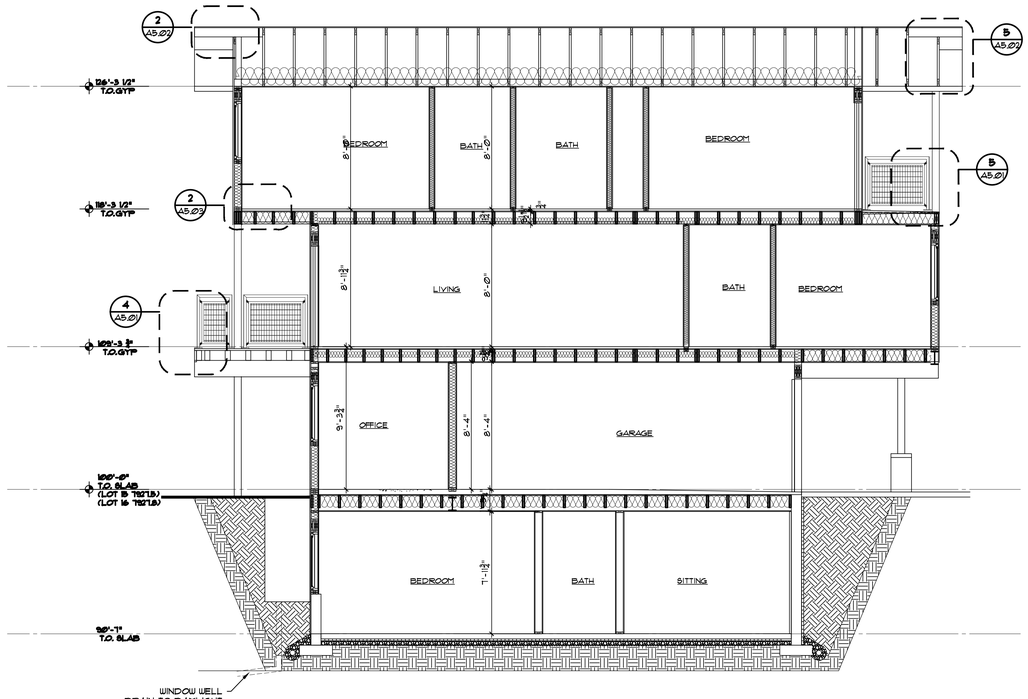
Sheet No:
A3.3



2 A4.1 CROSS SECTION
SCALE: 1/4"=1'-Ø"



1 A4.1 STAIR SECTION
SCALE: 1/4"=1'-Ø"



3 A4.1 CROSS SECTION
SCALE: 1/4"=1'-Ø"

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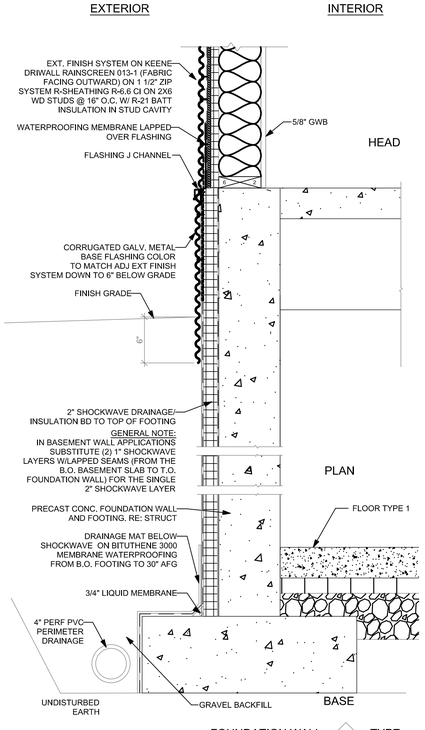
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Issue Dates:
20220509 Struct Coord
CDs - 08/15/2022

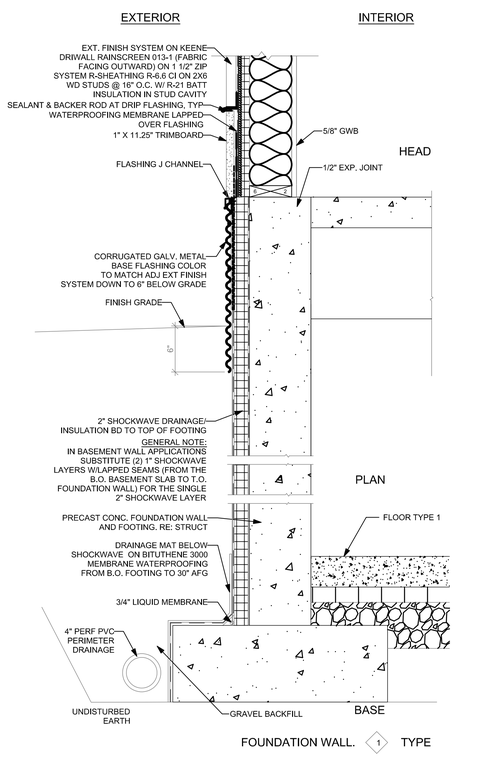
Sheet Title:
Building Sections

Project No:
2215

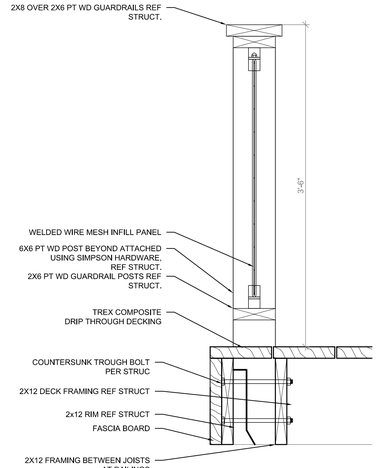
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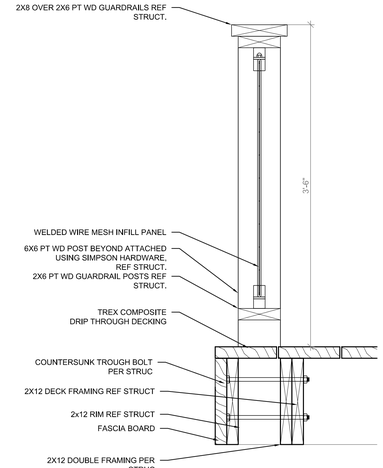
1 A5.01 SECTION DETAIL - CORRUGATED SIDING
SCALE: 3"=1'-0"



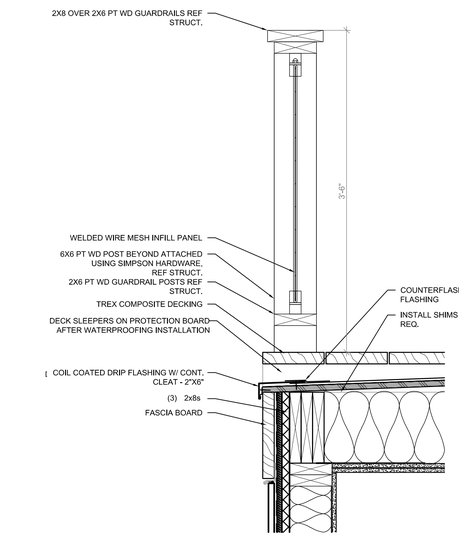
2 A5.01 SECTION DETAIL - WOOD SIDING
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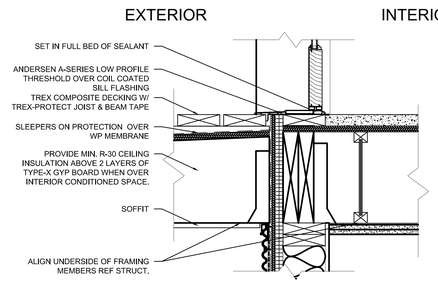
4A A5.01 DRIP THRU DECK RAILING
SCALE: 1 1/2"=1'-0"



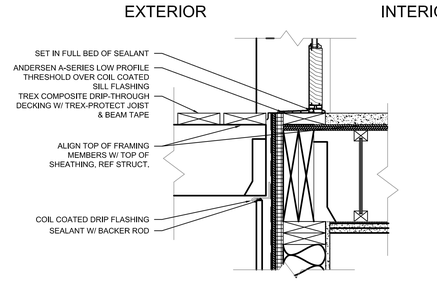
4B A5.01 DRIP THRU DECK RAILING
SCALE: 1 1/2"=1'-0"



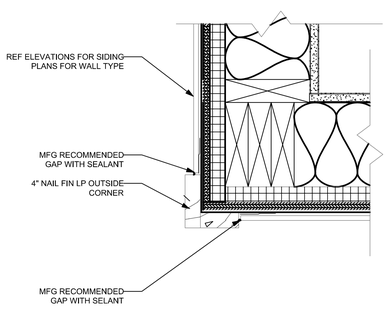
5 A5.01 WP DECK RAILING
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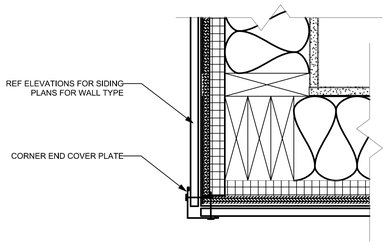
6 A5.01 SECTION DETAIL - W.W.M. GUARDRAIL
SCALE: 1 1/2"=1'-0"



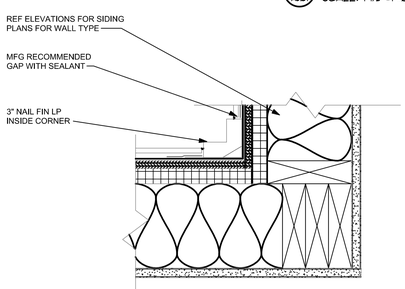
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SCALE: 1 1/2"=1'-0"



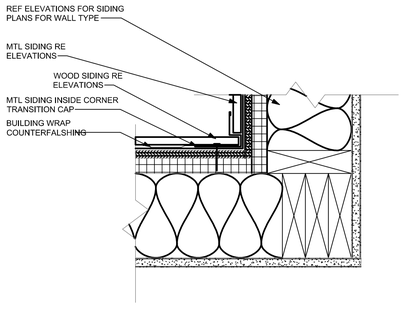
8 A5.01 PLAN DETAIL - CORNER TRIM
SCALE: 3"=1'-0"



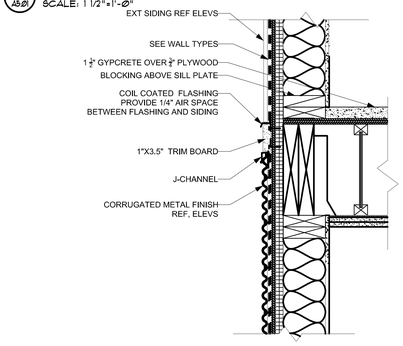
9 A5.01 PLAN DETAIL - CORNER TRIM
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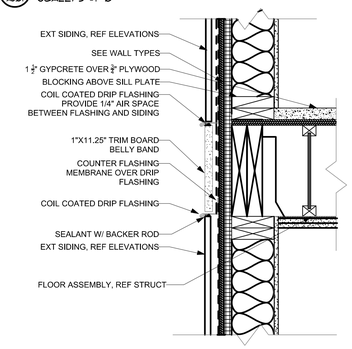
10 A5.01 PLAN DETAIL - CORNER TRIM
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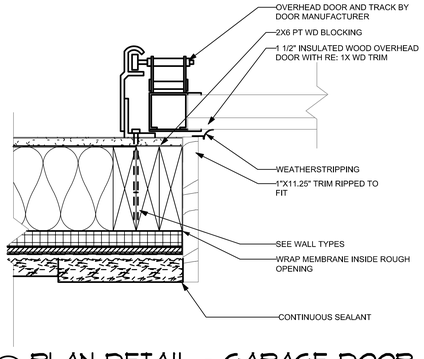
11 A5.01 INTERIOR CORNER TRIM
SCALE: 3"=1'-0"



12 A5.01 SECTION DETAIL - FLOOR TRANSITION
SCALE: 1 1/2"=1'-0"



13 A5.01 SECTION DETAIL - FLOOR TRANSITION
SCALE: 1 1/2"=1'-0"



14 A5.01 PLAN DETAIL - GARAGE DOOR
SCALE: 3"=1'-0"

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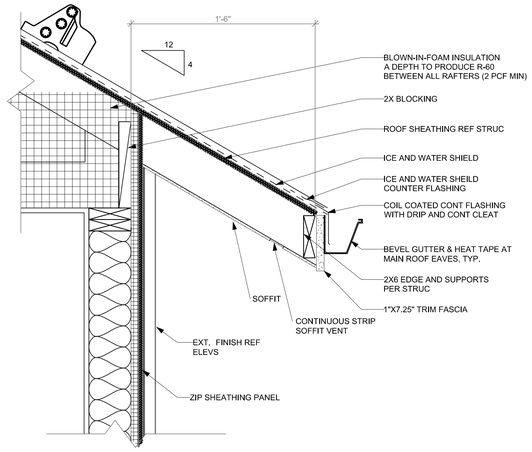
Revisions:

Issue Dates:
20220509 Struct Coord
DRB-11/28/2023

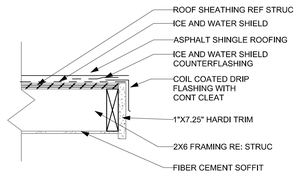
Sheet Title:
Details

Project No:
2215

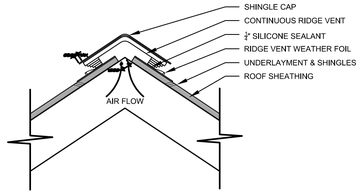
Sheet No:
A5.1



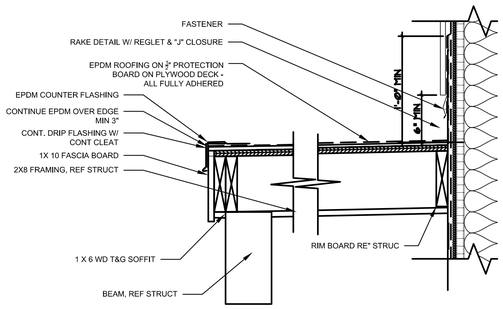
1 A5.01 **SECTION DETAIL - FASCIA**
SCALE: 1 1/2"=1'-0"



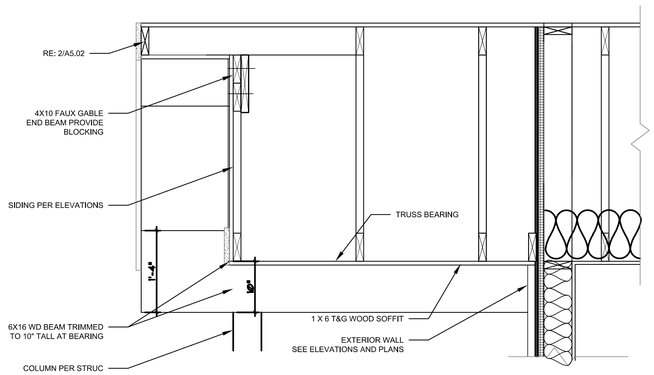
2 A5.01 **SECTION DETAIL - EAVE**
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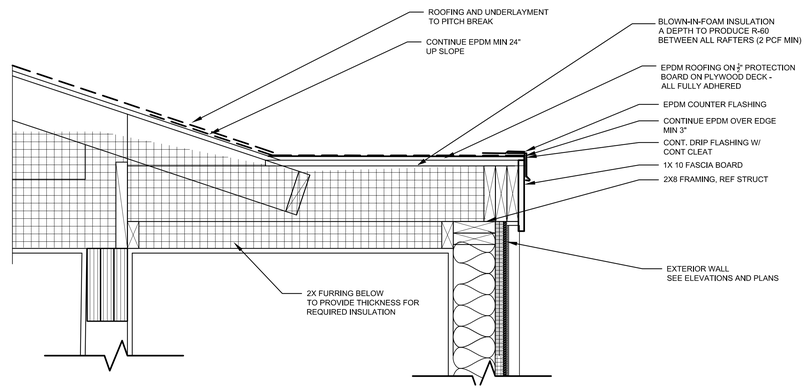
3 A5.01 **SECTION DETAIL - RIDGE**
SCALE: 1 1/2"=1'-0"



4 A5.01 **SECTION DETAIL - COVERED WALKWAY**
SCALE: 1 1/2"=1'-0"



5 A5.01 **SECTION DETAIL - GABLE END**
SCALE: 1"=1'-0"



6 A5.01 **STAIR ROOF - LOW SLOPE**
SCALE: 1 1/2"=1'-0"

TAB Associates
The Architectural Balance
0056 Edwards Village Blvd.
Edwards, CO 81632
(970) 766-1470
fax: (970) 766-1471
email: tab@vail.net
www.tabassociates.com
Civil Engineer:
Timberline Engineering
(970) 963 9869
Structural Engineer:
KRM Consultants, Inc,
(970) 949-9391

Seal

Belden Place - Single Family
Lot 16 - 0013 Beldan Way
Minturn, Colorado 81645

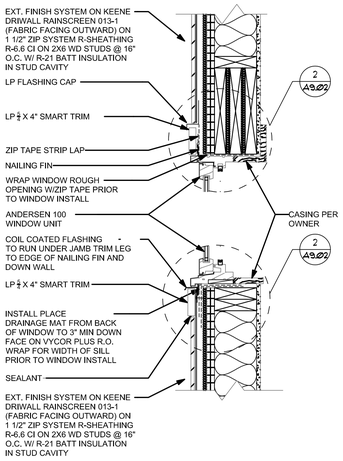
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Issue Dates:
20220509 Struct Coord
DRB-11/28/2022

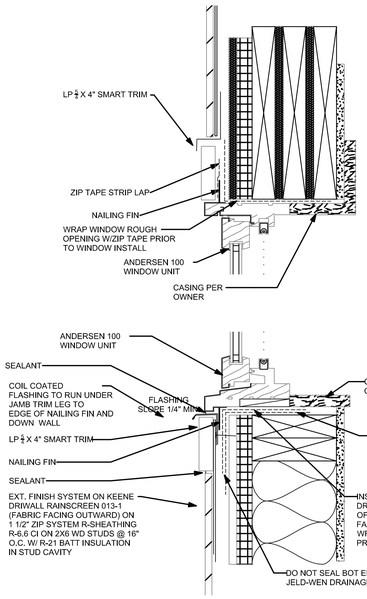
Sheet Title:
Details

Project No:
2215

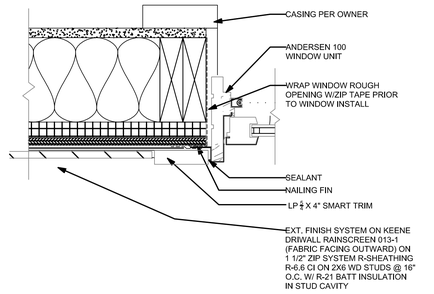
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A5.2



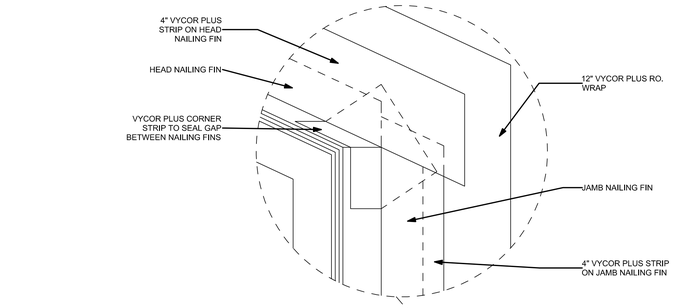
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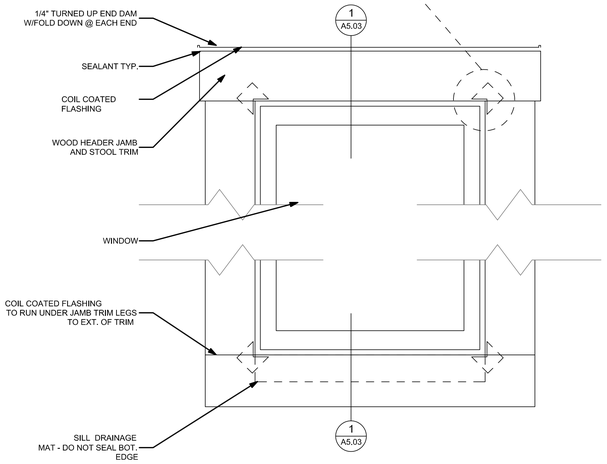


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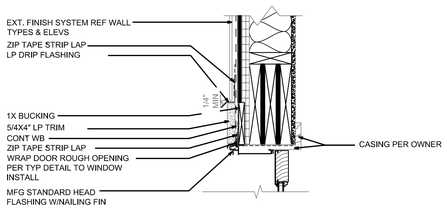
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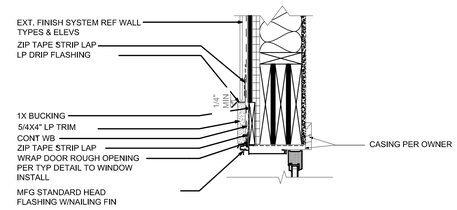


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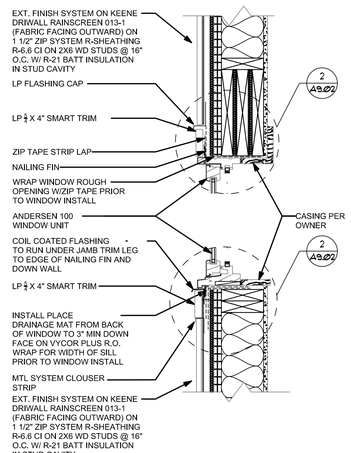
EXTERIOR INTERIOR



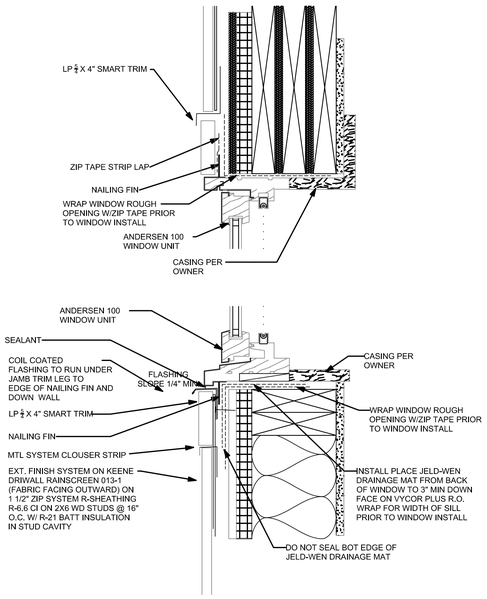
5 A5.03 DOOR DETAIL - INSWING HEAD TYP.
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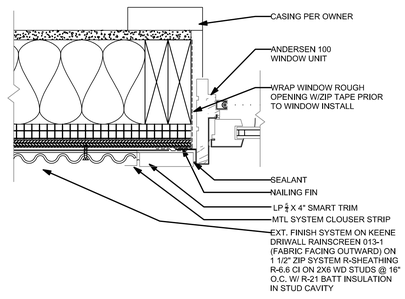
6 A5.03 DOOR DETAIL - SLIDER HEAD TYP.
SCALE: 1 1/2"=1'-0"



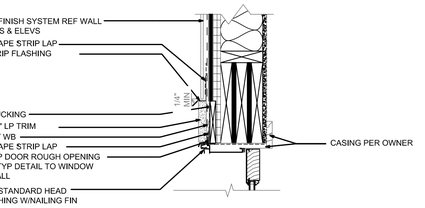
7 A5.03 WINDOW DETAIL - HEAD/SILL
SCALE: 1 1/2"=1'-0"



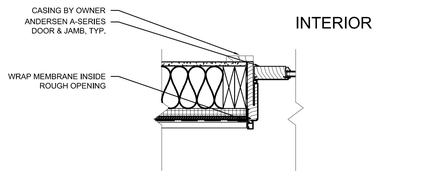
8 A5.03 WINDOW DETAIL - HEAD/SILL
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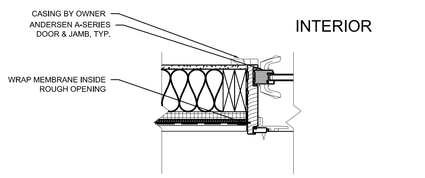
9 A5.03 WINDOW DETAIL - JAMB
SCALE: 3"=1'-0"



10 A5.03 DOOR DETAIL - INSWING HEAD TYP.
SCALE: 1 1/2"=1'-0"



11 A5.03 DOOR DETAIL - INSWING JAMB, TYP.
SCALE: 1 1/2"=1'-0"



12 A5.03 DOOR DETAIL - SLIDER JAMB, TYP.
SCALE: 1 1/2"=1'-0"

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Seal

Belden Place - Single Family
Lot 16 - 0013 Belden Way
Mintum, Colorado 81645

Revisions:

Issue Dates:
20220609 Struct Coord
DRB-11/28/2022

Sheet Title:
Details

Project No:
2215

Sheet No:
A5.3

Inter-Mountain ENGINEERING
Civil Engineers & Surveyors

September 18, 2024

Madison Harris
Town of Minturn Planner
PO Box 309
Minturn, CO 81645

Re: 0013 Belden Way
Lot 16, Belden Place PUD
DRB Resubmittal Review
Project No. 24-0001

Dear Madison:

We reviewed the plans entitled *"Belden Place; Lot 16 – 0013 Beldan (sp) Way, Minturn Colorado"* prepared September 13, 2024, by TAB Associates (Plans) included in the DRB application for Lot 33, Minturn North PUD. Our review was for compliance with the engineering requirements of Section 16-21-615: Design Review applications of the Minturn Municipal Code (MMC).

General:

1. The plans should be spell checked – Beldan should be Belden.

MMC Section 16-21-615 Section C:

Section (C) (2) Boundary Survey:

Paragraphs a through e:

~~Sheet 3 of 5 of the *"Final Plat: Belden Place PUD"* has been included as the Boundary Survey. The entire recorded Plat for Belden Place (5 sheets) should be included in the submittal. This plat and associated title commitment were reviewed by the Town and if included, suitable as the Boundary Survey for this application.~~ **Resolved**. A note was added to Sheet 3 of 5 incorporating the complete "*Final Plat, Beden Place PUD*" by reference as part of the Application. The Plat and associated title commitment were reviewed by the Town and fulfill the requirements as the Boundary Survey for this application.

Paragraphs f through l:

~~Sheets C.110 and C.111 of the *"Belden Place PUD – Final Plan Submittal*" prepared by Timberline Engineering have been included in the application. Sheets C.200 (Overall Utility Plan) and Sheet C.300 (Grading and Drainage Plan) should also be included to reflect the basis for design and fulfill the requirements of Paragraphs f through i.~~ **Resolved.** A note was added to Sheet C.111 incorporating the complete "*Belden Place PUD – Final Plan*

Madison Harris
Re: 0013 Belden Way
Lot 16, Belden Plane PUD
DRB Resubmittal Review
Project No. 24-0001

Submittal" by reference a part of the Application. These plans are the basis of the design and fulfil the requirements of paragraph f through i.

Section (C) (3) Site Plan:

Sheet C.1 of the Plans "*Belden Place – Unit 16 Single Family Residence"* prepared by Timberline Engineering dated 9/27/24(?) presents the proposed site grading. The following elements from the MMC should be added:

a. ~~The Site Plan should show dimensioned property lines, easements, setbacks and include dimensions locating the building.~~ **Resolved**. Sheet C1 of the Plans *"Belden Place – Unit 16 Single Family Residence"* prepared by Timberline Engineering (dated September 27,2024) has been revised to provide the required information.
b. ~~The building appears to encroach into the side setback.~~ . **Resolved**. The PUD Guide allows stairs to encroach into the setback.
c. Sheet A3.1 provides Building height information for Planning Staff review.

Section (C) (4) Grading & Drainage Plan:

Sheet C.1 of the Plans "*Belden Place – Unit 16 Single Family Residence"* prepared by Timberline Engineering dated 9/27/24 (?) presents the proposed site grading. The following elements from the MMC should be added:

~~a. Existing and proposed contour lines.~~
~~e. Temporary and permanent erosion controls specific to Lot 16.~~

Resolved. Sheets C1 and C2 of the Plans *"Belden Place – Unit 16 Single Family Residence"* prepared by Timberline Engineering (dated September 27,2024) have been revised to provide the required information.

Review by Inter-Mountain Engineering is for general conformance with Minturn Municipal Code requirements and is not a peer review. Review by Inter-Mountain Engineering in no way relieves any responsibilities of design professionals associated with the project. Please feel free to contact us if you have additional questions.

Respectfully,
Inter-Mountain Engineering (Town Engineer)



Jeffery M. Spanel PE

CC: Scot Hunn, Arnold Martinez

Minturn Planning Department
Minturn Town Center
302 Pine Street
Minturn, Colorado 81645

Minturn Planning Commission
Chair – Lynn Teach
Jeff Armistead
Michael Boyd
Amanda Mire
Eric Rippeth
Darell Wegert

Design Review Board Hearing

Final Plan Review for New Single Family Residence

0015 Belden Way

Hearing Date:	September 25, 2024
File Name and Process:	Single Family Residence Final Plan Review
Owner/Applicant:	Alison Perry, Miners Base Camp LLC
Representative:	Greg Macik, TAB Associates, Inc.
Legal Description:	Subdivision: BELDEN PLACE PUD Lot: 15
Address:	0015 Belden Way
Zoning:	South Town Character Area – Belden Place PUD Zone District
Staff Member:	Madison Harris, Planner I
Recommendation:	**Approval**

Staff Report

I. Summary of Request:

The Applicant, Alison Perry, requests Final Plan review of a four bedroom, 3,040 (gross) square foot single-family building located at 0015 Belden Way in the South Town Belden Place PUD Zone District. The Applicant's representative, Greg Macik of TAB Associates Inc., has been proactive in meeting with Town staff prior to submitting plans for the new structure and has provided a relatively complete and thorough set of site, landscaping, and architectural plans.

Proposed Plans
The plans show a three-story with a basement single family residence with a maximum building height - measured via a weighted height calculation approved in the Belden Place PUD Guide – of 27 feet and 11 inches, under the maximum allowable 28-foot limit within the South Town Belden Place PUD Zone District for single-family units.

Additionally, the massing, forms, and scale of the proposed structure, as well as proposed exterior materials, textures and detailing also appear to achieve the design objectives of Appendix B – *Design Guidelines and Standards*, Minturn Municipal Code.

Parking is adequate, with three off-street spaces, one of which is provided within the garage and two at surface level in front of the garage. The plans show the three levels plus a basement.

According to staff's analysis of development standards and dimensional limitations in Section III below the project appears to meet the Town's standards.

Overall, staff believes that the Applicants and their representative have provided a complete, detailed set of plans necessary to complete a thorough final plan review.

As a reminder, the Planning Commission has the option to review the proposal as a "conceptual" plan review if the Commission feels that the plans are *not* sufficient or are in need of revisions and additional review prior to final plan approval; or the Commission may take action to approve, approve with conditions, or deny the Final Plans.

Staff is **recommending approval**.

II. Summary of Process and Code Requirements:

These plans are being presented by the Applicant as "Final Plan" level of review for a new single-family residential structure on a legally created lot within the Town of Minturn. This is a formal hearing providing the Applicant and staff the opportunity to discuss the proposal with the Planning Commission, acting as the Design Review Board, and to address the DRB's concerns or feedback regarding suggested revisions to the project.

If the DRB feels that the plans are complete, appropriate, and meet the intent and purposes of the Minturn Municipal Code, Chapter 16, the DRB has the option to take final action to approve the plans without conditions, or to approve with specific conditions and giving the Applicant and staff clear direction on any recommended revisions, additions or updates to the plans.
No variances are required or requested at this time.

Design Review Process
Appendix 'B' of the Minturn Municipal Code, Section 16-21-615 - *Design Review Applications*, subsection "d" below outlines the criteria and findings necessary for DRB review and approval of all new, major development proposals:

(d) Administrative procedure.

(1) Upon receipt of a completed and proper application, the application for Design Review will be scheduled for a public hearing. The hearing will be conducted in accordance with the procedures set forth in this Chapter.

(2) Criteria and findings. Before acting on a Design Review application, the Planning Commission, acting as the Design Review Board (DRB), shall consider the following factors with respect to the proposal:

a. The proposal's adherence to the Town's zoning regulations.
b. The proposal's adherence to the applicable goals and objectives of the Community Plan.
c. The proposal's adherence to the Design Standards.

(3) Necessary findings. The Design Review Board shall make the following findings before approving a Design Review application:

a. That the proposal is in conformance with the Town zoning regulations.
b. That the proposal helps achieve the goals and objectives of the Community Plan.
c. That the proposal complies with the Design Standards.

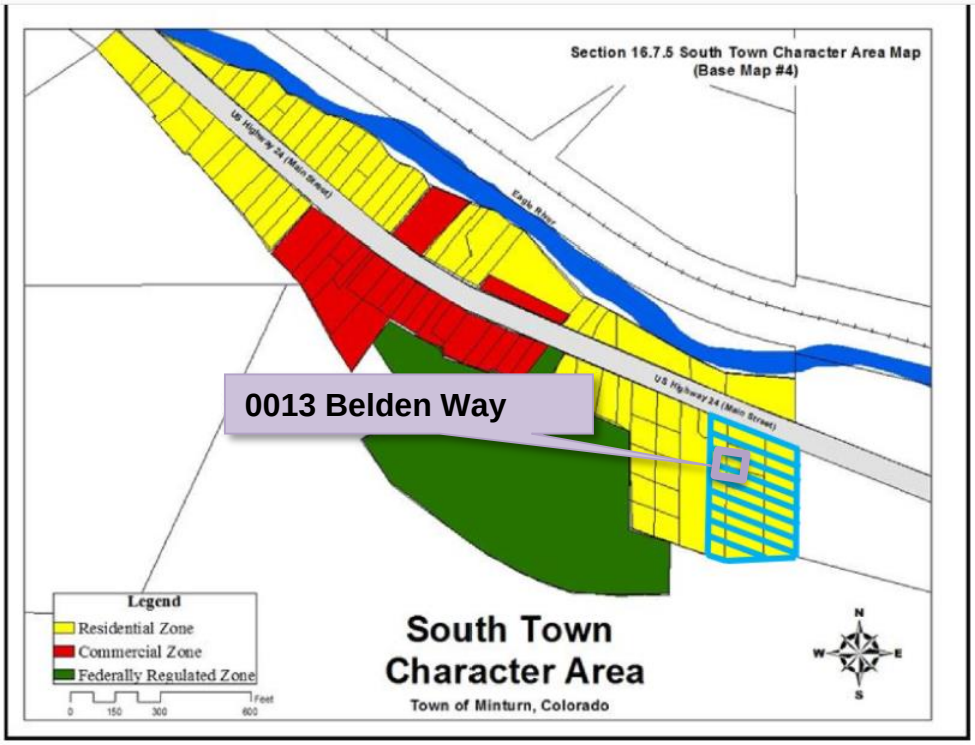
Staff suggests that the final plans for 0015 Belden Way meet the required findings 'a,' 'b,' and 'c' or subparagraph 3 – *Necessary findings*.

III. Zoning Analysis:

Zoning

The subject property is located within the "South Town Character Area" Belden Place PUD Zone District

Figure 1: Game Creek Character Area Zoning Map



- PUD Overlay Zoning

Dimensional Limitations and Development Standards

The following table summarizes the lot, development and dimensional standards and limitations applicable to the subject property pursuant the approved Final Development Plan for the Belden Place PUD.

Regulation	Allowed/Required	Proposed/Existing
Minimum Lot Area:	2,146 sq. ft.	2,146 sq. ft. (.049 ac.)
Maximum Building Height:	28 feet	27 feet – 11 inches
Minimum Front Setback:	10.68 feet	10.68+ feet
Minimum Side Setback:	5 feet	5* feet
Minimum Rear Setback:	5 feet	5+ feet
Maximum Lot Coverage:	60% (1,287.6 sq. ft.)	922 sq. ft. (42.96%) Proposed
Maximum Impervious Coverage:	60% (1,287.6 sq. ft.)	1,026 sq. ft. (47.81%) Proposed

Minimum Snow Storage Area:	5% of Lot Area (2,146 sq. ft. x .05 = 107 sq. ft.)	107 sq. ft.
Parking:	3 spaces	3 spaces

*Per the approved PUD Guide, staircases are allowed to encroach into the side setback as long as it is not within 24" of the property line. The staircase encroaches approximately one and a half feet (1.5') and remains 3.5' away from the property line.

IV. Applicable Standards and Design Guideline Criteria:

Design
In addition to the development standards listed above, the following general design principles are provided for reference.

Final Site, Grading and Drainage Design
The Minturn Design Guidelines encourage designs that integrate or account for site topography and existing conditions, surrounding conditions, solar orientation, placement on lots relative to streets and natural features, snow storage and snow shed from roof structures.

Mass and Form
The following excerpt from the Design Guidelines is applicable to the proposed home design:

"c. Massing and Scale

> *"**A simple central form with additive features shall be designed. This style creates visual interest and is appropriate for the community due to its compatibility with existing structures. Buildings and improvements should complement, rather than overpower, the adjacent natural and built environment.** Homes are encouraged to be sheltering in nature, with consistent setbacks from the street with prominent porches or overhanging eaves.*
>
> *"Building mass, form, length and height shall be designed to provide variety and visual interest while maintaining a scale that is similar or compatible to adjacent structures."*
>
> *-Town of Minturn Design Guidelines*

Staff Response:
Staff believes that the design and scale of the proposed structure incorporates a simple central form with additive features and is complementary to adjacent residential structures and character on nearby parcels. Staff further suggests that the scale of the project is appropriate and will not overpower surrounding natural and built environments. Proposed roof forms and pitches, materials and textures are compatible and complementary to the surrounding built and natural environments.

V. Items of Note:

Items of Note
Staff has identified no items of note.

VI. Staff Recommendation:

Staff suggests that the Final Plans for 0015 Belden Way generally **comply** with or exceed the applicable provisions and/or minimum standards of Chapter 16 and the Town of Minturn Design Standards (Appendix 'B') of the Minturn Town Code.

Staff is **recommending approval** of the plans.

TAB Associates, Inc.
The Architectural Balance

56 Edwards Village Blvd
Edwards, Colorado 81632
(970) 766-1471 fax
www.tabassociates.com tab@vail.net

Memo

Project: Belden Place – Lot 15 Project No: **2215**

Date: August 6, 2024

RE: Design Review Submittal

FROM:
Greg Macik, Principal

TO:
Town of Minturn DRB

VIA:
Email and Hard Copies

Remarks:

We are submitting for review Lot 15 Belden Place for Design Review.

This is a new Single Family Residence within the Belden Place PUD.

Greg Macik, Principal
TAB Associates, Inc.

S:\2215 Belden Place Phase 2\02 Proj Info\07 Approval Agencys\01 Design Review Board\Lot 15\Belden Lot 15 - Memo.doc

DESIGN REVIEW APPLICATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
P.O. Box 309 302 Pine Street Minturn, Colorado 81649-0309
Phone: 970-827-5645 Fax: 970-827-5545 Email: planner@minturn.org

Project Name:
Belden Place - Single Family Lot 15

Project Location
Street Address: 0015 Beldan Way

Zoning:	Parcel Number(s):
PUD	Not assigned

Application Request:
Design review for a single family home.

Applicant:
Name: Greg Macik, TAB Associates, Inc.

Mailing Address: 56 Edwards Village Blvd, Suite 210, Edwards, CO 81632

Phone:	Email:
970-766-1470 x107	greg@tabassociates.com

Property Owner:
Name: Alison Perry, Miners Base Camp LLC

Mailing Address: PO Box 1134 Minturn, CO 81645

Phone:	Email:
970-306-2264	perry@vailland.com

Required Information:

Lot Size: 2146 sf	Type of Residence (Single Family, ADU, Duplex) Single Family	# of Bedrooms 4	# On-site Parking Spaces 3
# of Stories: 3	Snow storage sq ft: 107	Building Footprint sq ft: 776	Total sq ft Impervious Surface: 776

Signature:

Fee Paid:_____ **Date Received:**_____ **Planner:**_____

DESIGN REVIEW APPLICATION

SUBMITTAL CHECKLIST REQUIREMENTS

(TO BE INCLUDED WITH APPLICATION)

Applicant	Staff	
☑	☐	**Application Fee** (Non-Refundable application fee shall be collected) • Design Review Board - $200.00
☑	☐	**Letter of Intent** -- What is the purpose of the project including; • Relevant Background • Current Status of the Site • All Proposed Uses and Structures • How the Proposal Differs from what already exists • Information regarding Easements or Dedicated Tracts, etc.
☑	☐	**Vicinity Map** -- Directional Map indicating how to get to the Property involved in the request. • Zoning of Property
☑	☐	**Improvement Location Certificate of Survey (ILC or ILS)**

☑	☐	**Site Plan showing Precise Nature of the Proposed Use – To Scale**
		•
		• Scaled Drawings of Proposed Design of Structure
		  ○ Plan View and Sections
		• Building Heights – all 4 directions N/S/E/W
		• topography
		• Building Location
		• Setbacks
		• River or Creek Setbacks
		• Parking Plan
		• Traffic Circulation
		  ○ Location and Width of Existing and Proposed Access Points
		  ○ Location of Existing Driveways and Intersections
		• Landscaped Area – Plan
		• Approximate Location of Existing Wooded Areas and Rock Outcrops
		• Location and Type of Existing and Proposed Easements
		• Utility Easements
		• Drainage Features

☑	☐	**Preliminary Building Plans and Elevations** • Indicates Dimensions • General Appearance • Scale • Interior Plan for the Buildings

☐ ☐ **Elements needed on the Site Plan**

- Scale
- North Arrow
- Date Prepared
- Lot Dimensions, Area, Entire Site Acreage

☑ ☐ **Architecture Details – Materials Board**

- Windows – Placement and Color
- Doors – Placement and Color
- Siding – Type and Color
- Roof Material – Type and Color
- Paint Color

PLANNING COMMISSION
DESIGN REVIEW PROCESS

Applicants requesting a Design Review Board, Planning and Zoning Commission, and/or Town Council Review must submit to a pre-submittal conference and complete a formal application. The pre-submittal review process is completed within a period of 14 working days depending on the day of pre-submittal. The pre-submittal review provides valuable information regarding Town requirements for the formal application.

The Town Planner shall have the following powers and duties:

- **Zoning Compliance** – To review, consider, and approve, approve with conditions, or deny applications for building permits, limited use permits, conditional use permits, and temporary use permits based on compliance with this Section.
- **Process Applications** – To receive applications for development permits for processing pursuant to the terms of Section 16 of the Minturn Municipal Code.

Planning Commission as Design Review Board

Powers and Duties
The Planning Commission is hereby established as the Town of Minturn Design Review Board. The Design Review Board shall have the following powers and duties under the provisions of this Code.

1. To prepare, or cause to be prepared or amended, the Design Review Standards and Guidelines or any element or portion thereof, for adoption by the Town Council.

2. To hear, review, consider and approve, approve with conditions, or disapprove applications for Design Review Approval.

3. To hear and decide upon appeals on design review decisions made by the Zoning Administrator.

Board Procedure
The Town staff will forward applications (other than minor design applications), and recommendations, to the DRB.

The DRB shall review the application and supporting material submitted by the applicant, as well as the staff recommendation. After review, the DRB, through a formal motion, seconded and passed by a majority of the members present, shall take one of the following courses of action:

1. **Table the application**. The application may be tabled for a period not to exceed thirty (30) days if the application is incomplete or if the DRB determines that changes are required to bring the application into compliance with design standards and guidelines or other regulations of the Town. The Board may specify additional requirements for the applicant is to bring to the future meeting. These requirements may include additional information necessary to determine whether the application complies with all zoning, building, design codes adopted by the Town, and may include plans, reports, surveys or other documents completed by registered architects, surveyors, engineers or other professionals in order to indicate conformance with such codes. The DRB may also table the application if it determines that changes in the application are required which would bring the proposed project into compliance with zoning, building, design codes, and other regulations of the Town.

2. **Conceptual/Preliminary approval.** The DRB may grant conceptual approval to applicants who in a general fashion appear to meet design and other regulations of the Town but submit applications inadequate to warrant final approval. Conceptual approvals are also appropriate where a complete application has not been submitted, or where an applicant wishes to obtain a preliminary review of a sketch plan. A conceptual approval does not deem final approval of an application, nor does it deem that an application conforms to design or other regulations, nor shall it bind the DRB to grant final approval to a completed or final application.

3. **Disapproval of application.** If an application is found to conflict with the purposes and/or any one (1) or more of the design guidelines, codes or any other regulations of the Town, the DRB shall disapprove the application. Any disapproval shall be in writing and shall specifically describe the reasons upon which the disapproval is based.

4. **Approval of application.** If the application is complete and is found to comply with the design standards codes and other regulations of the Town, the DRB shall approve the project. The DRB shall keep a record of all such approvals, and the applicant should keep a copy of the approval. The DRB may approve an application with conditions or modifications. The DRB shall not approve an application that does not meet the requirements of the Town or any other provision required to ensure compliance with the design standards and guidelines, codes and other regulations of the Town.

If a motion for approval, for conceptual approval, or to table an application results in a tie vote, the motion will fail.

DESIGN REVIEW CRITERIA

1. SITE DESIGN

Site planning involves the design and location of buildings and other improvements on a property. General principles include the maximization of site attributes such as views and solar orientation while minimizing adverse impacts to adjacent properties and natural features. Design of the building(s) shall consider the following criteria:

a. Natural Features

(1) Topography

A building site that is flat or gently sloping at less than 10% shall comply with applicable minimum standards for setbacks as defined in Chapter 16.

A building site that slopes at greater than 10% is urged to consider "stepping" the structure rather than grading the site to allow for traditional building layout. The intent is to avoid large cuts and/or fills as well as retaining walls, and to avoid the need for additional erosion control measures.

Setbacks may be increased for lots that slope greater than 30%.

(2) Water Bodies

Setbacks from water bodies shall include consideration of the Eagle River, tributary creeks, ponds, and wetlands. In addition to the regulatory setbacks, the Town of Minturn encourages conformance with the Eagle River Watershed Plan and sensitive design to protect the riparian areas and to utilize the water bodies for passive recreational purposes. The Town discourages "turning your back" on the Eagle River, one of Minturn's greatest assets.

Site grading and drainage plans shall be submitted with design review applications that are adjacent to or within fifty (50) feet of a water body.

b. Orientation

The orientation of improvements shall consider adjacent properties as well as snow storage, snow shedding, and solar orientation. Another important component of orientation is drainage impact to adjacent properties, water bodies and streets.

Snow Storage, Snow Shedding and Solar Orientation

The atmospheric and weather-related elements common of the Town of Minturn justify the added dimension of sitting improvements to minimize the impact of the environment.

Adequate snow storage area(s) or provisions for removal shall be provided. The total area may be broken up or provided as a whole. Location within the required setbacks shall be permitted provided it does not impede adequate and safe access to the structure(s). Landscape areas may also be used for snow storage purposes.

Snow shedding shall be considered in the use of material and pitch of the roof, as well as the location of windows, door and walkways. In no case shall snow shedding be permitted to occur onto an adjacent property.

Solar orientation shall be considered in the siting of the structures as well as in the landscaping of the lot or parcel. Orientation of the structure, as well as placement of trees, can be utilized to block prevailing winds in the winter and to provide shade in the summer. The structure should be placed on the lot in a manner that will not cast substar

shadows over adjacent properties. Walkway and driveway location shall consider snowmelt in d location. These considerations include locating driveways, walkways, and structures, so that they are sheltered from the wind, and oriented to the east or south, where possible, to aid quicker snow and ice melt.

The front of the structure and its primary entrance shall be oriented to the street.

c. Massing and Scale

A simple central form with additive features shall be designed. This style creates visual interest and is appropriate for the community due to its compatibility with existing structures.
Buildings and improvements should complement, rather than overpower, the adjacent natural and built environment. Homes are encouraged to be sheltering in nature, with consistent setbacks from the street with prominent porches or overhanging eaves.

Building mass, form, length and height shall be designed to provide variety and visual interest while maintaining a scale that is similar or compatible to adjacent structures.

2. ARCHITECTURAL ELEMENTS

a. Roof Pitch and Form

Roofs are a very prominent visual element and can be used to provide strong unifying characteristics between buildings. The use of consistent roof form, materials, slope and direction can create a cohesive appearance to a neighborhood even when the architectural styles vary. Roof pitch and form are an important element of building design in the Town.

The incorporation of dormers into the roof form can be utilized to provide individual identity and to create and delineate upper living areas or lofts. Dormer roofs shall be similar in slope and material with the primary roof form. See Illustration.

Roofs shall be designed with consideration to snow accumulation and shedding. Entryways, garages and pedestrian areas shall be protected from potential snow shedding.

Chimneys may also be utilized as a unifying element. The size, location, and shape of chimney can be mimicked to provide a common feature in adjacent structures that have different architectural styles.

b. Facade

Vast expanses of a blank facade are not considered appropriate in Minturn due the mass and scale of the existing buildings in the Town. Therefore, facades must be interrupted every 15' at minimum. This interruption can occur through the use of projections and recessions for doors and windows, balconies or porches or any other element that creates visual interest. The use of architectural elements such as horizontal and vertical architectural details and floor articulation (delineation of 'floors' in a building) can be utilized to create a vertical human scale to the structure.

Windows and doors offer the opportunity to provide individual character and refinement of scale by introducing openings and patterns on otherwise blank walls. Consideration should be given to locating doors and windows in order to establish symmetry on primary facades, while being responsive to interior functions and views. The location of windows and doors can also be utilized as a unifying element with adjacent structures.

In order to maintain a smaller scale and to avoid the use of vast expanses of large windows, window openings should be composed of multiple panes of glass that are consistent with the scale of the building. Mirrored or reflective glass is prohibited.

Shutters and window boxes are encouraged to create visual interest and to reinforce the Town ambiance.

c. Building Details

The requirement for a simple building form allows for the introduction of building details to create character and interest. These details may include elements such as accents to doors and windows, porches, gates, dormers and chimneys.

3. MATERIALS AND SCREENING

a. Materials

The use of building materials is essential to the design and appearance of a structure, therefore the use of materials is indicative of the adjacent community character. Materials shall be consistent with adjacent properties and the natural environment. The Town of Minturn does not seek to limit or prohibit the use of specific building materials

however the use of non-reflective materials are strongly encouraged. Highly reflective roofing m allowed.

The historic character of Minturn is exhibited in the use of wood siding and native stone, therefore the use of these particular materials are encouraged. Many modern equivalents can be found which mimic the natural materials, and the Design Review Board may approve such materials if their appearance is found to be compatible with adjacent material and consistent with the intent of these standards and guidelines.

b. Streetscape and Landscape Design

Small towns evoke many images, but one that appears to be consistent with many residents is the neighborliness of the area. Porches, plaza, parks and simply strolling down the street allow neighbors and visitors to meet and greet each other and to get to know one another. The Town encourages the man-made elements that promote these activities, and in some instances the Design Review Board shall require the provision of streetscape improvements to encourage and reinforce the small town atmosphere.

Porches and awnings are encouraged for all residential design as these elements create and encourage a human scale that is consistent with the small town image. Commercial structures, particularly those that are located in renovated residential units, shall maintain these elements and incorporate the use of pedestrian walkways, street furniture such as benches and trashcans where possible. Commercial developments that exceed 2500 square feet of gross leasable area shall be required to provide a plaza area that incorporates these elements.

Landscape standards are defined in Section 16.17.14, 15 and 16 and shall be reviewed with all applications for design review. Compliance with the minimum standards defined within those sections shall be required. The Design Review Board shall review the list of plant material to be utilized, particularly for determination of irrigation requirements. Exhibit B lists plant materials that are suitable for use in the Town, drought-resistant and therefore their use is encouraged. Other plant materials listed that require substantial water and therefore the Design Review Board may require the provision of an irrigation system and the provision of collateral to assure its completion.

c. Screening

Both residential and commercial areas within the Town shall be required to screen certain visually obtrusive areas, including, but not limited to, refuse storage, general storage, loading areas, mechanical equipment and parking areas.

The screening may occur with landscaping, compliant with Section 16.17.14. 15 and 16, or these uses may be screened with fencing or by containing the uses within a structure or parapet walls. Fences shall not exceed 3-feet in height for opaque fences and 4 feet in height for fences with you can see through. Higher fences may be used to screen the sides and rear of the lot but should not exceed 6 feet in height. In no case shall a fence or screening structure obstruct a driver's view of an intersection.

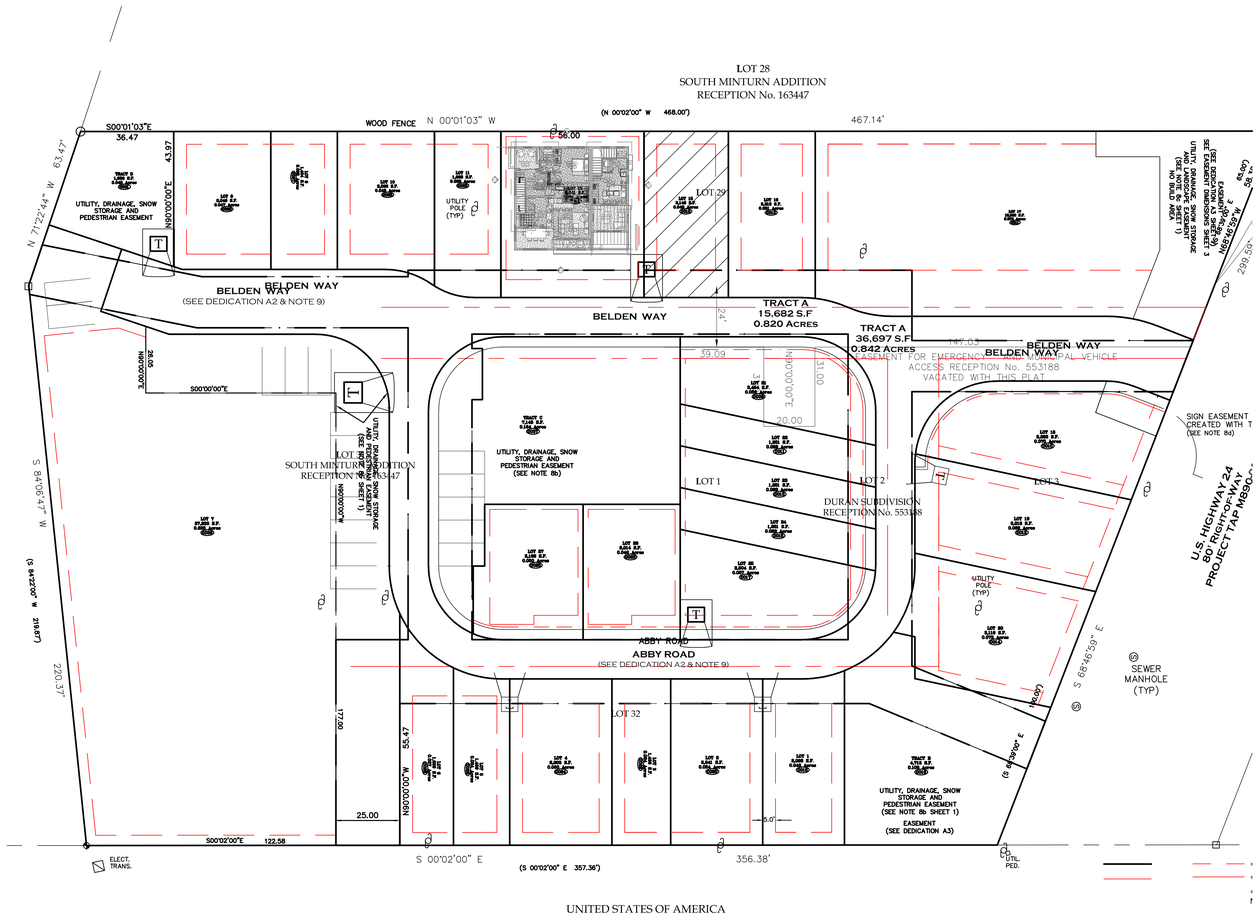
Additional information regarding the Design Review processes and guidelines including the Character Areas can be found in Chapter 16, Appendix B of the Minturn Town Code.

Belden Place

Lot 15 - 0015 Beldan Way

Single Family Residences

Minturn, Colorado 81645



UNITED STATES OF AMERICA
RECEPTION No.246983

Design Review Submittal - Revised 09/13/2024

A0.00	COVER SHEET
A0.02	PUD GUIDE INFORMATION
	FINAL PLAT
C1.110	SURVEY
C1.111	OVERALL DEVELOPMENT SITE PLAN
C.1	SITE PLAN
C.2	DETAILS AND CROSS SECTION
A1.1	LANDSCAPE PLAN AND DETAILS
A2.1	FLOOR PLANS
A2.2	ROOF PLAN
A3.1	EXTERIOR ELEVATIONS
A3.2	MATERIALS
A3.3	RENDERINGS
A4.1	SECTIONS
A5.01	DETAILS
A5.02	DETAILS
A5.03	DETAILS



Vicinity Map

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Edwards, CO 81632
(970) 766-1470
fax: (970) 766-1471
email: tab@vail.net
www.tabassociates.com
Civil Engineer:
Timberline Engineering
(970) 963 9889
Structural Engineer:
KRM Consultants, Inc.
(970) 949-9391

Seal

Belden Place - Single FAmil
Lot 15 - 0015 Beldan Way
Minturn, Colorado 81645

Revisions:

Issue Dates:
20220509 Struct Coord
DRB-11/28/2023
DRB-09/13/2024

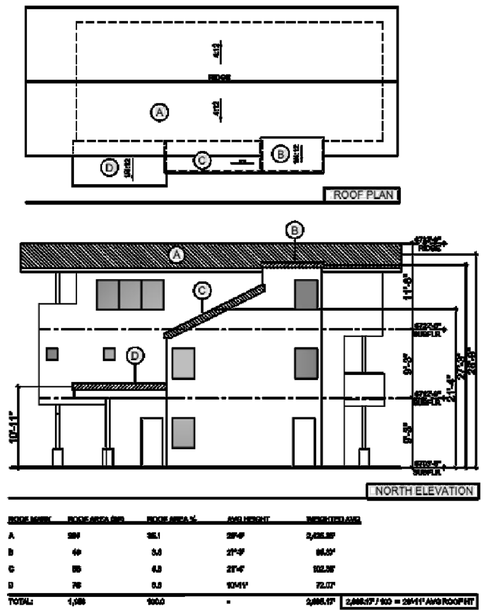
Sheet Title:
Cover

Project No:
2215

Sheet No:
A0.0

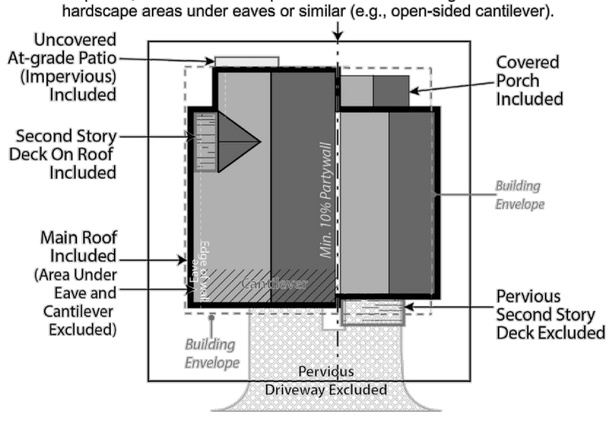
BELDEN PLACE PUD GUIDE INFORMATION
The following is an abrieviated verision of information found in the PUD guide.

Building Height. Determining building height uses a weighted height calculation as measured from final/finished grade. Max heights - 28' for single famil and duplex, 35' for Row Houses and Flats.



ROOF MARK	ROOF AREA (SF)	ROOF AREA %	AVG HEIGHT	WEIGHTED AVG
A	994	35.1	29'-9"	2,436.39'
B	99	3.5	27'-9"	66.57'
C	85	4.3	23'-4"	102.56'
D	76	2.5	10'-11"	72.07'
TOTAL:	1,189	100.0	-	2,668.57' / 100 = 26'-8 1/2" AVG ROOFHT

Site Coverage. Site coverage means the portion of a lot covered by materials forming any unbroken surface, impervious to water including, but not limited to: buildings, streets, slab on-grade patios, exterior fireplaces, and other hardscape materials. Site coverage excludes non-hardscape areas under eaves or similar (e.g., open-sided cantilever).



BUILDING PLACEMENT AND ENVELOPES
Residential building envelopes are necessary in order to maximize the buildability and economic viability of the lots while offering greenspace and or space between neighbors to the greatest extent possible. All portions of structure- including fireplaces, chimneys, window wells, eaves, overhangs, etc. must be contained within property lines; however, with the platted building envelope acting as building setbacks for each lot, encroachments are available for certain features.

The following encroachments are permitted beyond the platted building envelope:

Unenclosed or uncovered decks; deck supports; eaves up to 18" beyond the envelope; porches, patios and landings less than 30" above the surrounding natural or finished grade; window or light wells; heat or A/C units; residential solar alternative energy installations; fences; counterforts below grade; staircases (enclosed or otherwise); structures of less than 6" in height; landscaping and drainage features. No encroachment may be located within 24" from the property line or directly on top of in-ground utility easements. Underground parking elements and staircases may encroach within 12" of the most southern property line on Lot 7.

1. SINGLE-FAMILY DETACHED

a. Style
(1) Residences with the same architectural elevations and coloring shall not be placed adjacent to each other or directly across the street from one another.
(2) Each residential unit type shall have at least two (2) elevations to provide stylistic diversity. This may include:
i. Roof forms/lines and profiles
ii. Varied window and door styles
iii. Varied entry treatments and locations including porches, columns, etc.
iv. Two or three story homes
v. Second or third story decks or balconies

b. Building Form
(1) The mass of the residence should strongly reflect the architectural style and be scaled to provide visual interest and depth, reduce boxiness and achieve an articulated form on the front and sides of the homes.
(2) Roofs shall be designed and pitched accordingly in consideration of solar technology and/or drainage.
(3) Roof-top decks are permitted only on certain lots as established by developer and cannot be added on buildings not constructed with this initial feature.

2. DUPLEX/TRI-PLEX or MULTIFAMILY STRUCTURES

a. Style
(1) Structures shall have at least two (2) elevations to provide stylistic diversity.
(2) Units may be multi-stories.
(3) Units may be divided horizontally (townhomes) or vertically (flats).
(4) Second story decks or balconies permitted.
(5) Units have no minimum length of connection and may be joined via shared walls of the garage, external staircases, or main living area wall(s) or floors.

b. Building Form
(1) The mass of the residence should strongly reflect the architectural style and be scaled to provide visual interest and depth, reduce boxiness and achieve an articulated form on the front of the homes.
(2) Roofs shall be designed and pitched accordingly in consideration of solar technology and/or drainage.
(3) Roof-top decks are permitted only on certain lots as established by developer and cannot be added on buildings not constructed with this initial feature.

3. MATERIALS

a. Roofing materials are limited to the following:
(1) Artificial wood shingle (to mimic wood shake shingle). Treated wood shake shingles or any other combustible material is prohibited.
(2) Standing seam metal.
(3) Asphalt shingles.
(4) Imitation (composite or similar); or, real slate tiles.
(5) Non-reflective solar tiles that mimic the above-mentioned products
(6) Any other recommended FireWise materials similar to the above-mentioned products.

b. Siding materials are limited to the following:
(1) Metal
(2) Wood
(3) Composite siding
(4) Fiber cement board (commonly known as "Hardie Board")
(5) Stucco.
(6) Any other recommended FireWise materials similar to the above-mentioned products.
(7) All siding materials to have non-reflective finishes.

c. Doors and Windows:
(1) Structures with multiple garage doors must always have identical, matching doors.
(2) All replacement windows shall be consistent and match the aesthetic of previous windows unless otherwise approved by the design review board. Skylight or solar tubes permitted.
(3) Screen or storm doors, in addition to typical front doors are permitted. Screen or storm doors cannot replace front doors at any time.

d. Design Elements. This development may incorporate mountain appropriate design elements into the buildings, including, but not limited to, exposed heavy timber beams as accent elements or entry features, walls faced with wood, stone, faux stone or cultured stone, metal railings or accents. Stucco may only be utilized in small quantities on building facades and is not to be used as a primary material for home.

e. Building materials for residential exteriors shall include at least two (2) types of materials as part of the building façade.

I. LANDSCAPING – *See also PUD Landscaping Plan*
Shall not interfere with any drainage way, utility, pedestrian access, or entry into any structure. Landscaping shall not obscure windows, be installed under gas fireplace or dryer vents, nor shall any landscaping material overtake any yard, or spread into any common or neighboring yards.

Landscaping minimums:
1. At least one (1) tree per 1,200 sf of lot area and two (2) shrubs for all lots. *See also official Landscaping Plan for Belden Place.*
2. All landscaping proposed on the approved Landscaping Plan shall be installed initially with expectations for maintenance.
3. No exposed soil is permitted. Soil must be covered in groundcover that may consist of seed (includes wildflower seed), cobble, perennials, mulch, or similar.
4. All dead materials must be replaced during the same season death occurs.

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The Architectural Balance
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Edwards, CO 81632
(970) 766-1470
fax: (970) 766-1471
email: tab@vail.net
www.tabassociates.com
Civil Engineer:
Timberline Engineering
(970) 963 9869
Structural Engineer:
KRM Consultants, Inc.
(970) 949-9391

Seal

Belden Place - Single Family
Lot 15 - 0015 Belden Way
Minturn, Colorado 81645

Revisions:

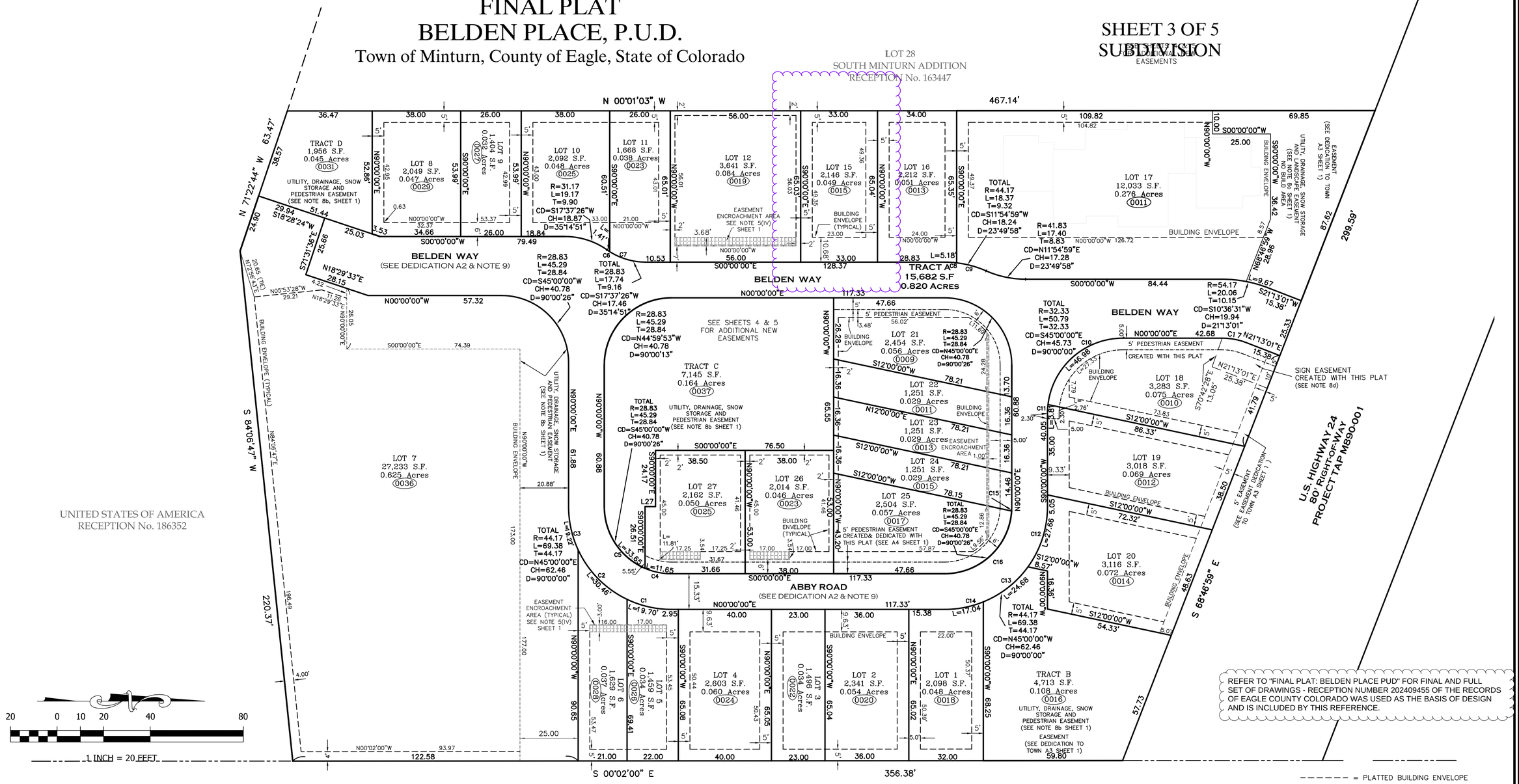
Issue Dates:
20220509 Struct Coord
DRB-11/28/2023
CDs-03/11/2024

Sheet Title:
PUD Information

Project No:
2215

Sheet No:
A0.2

FINAL PLAT
BELDEN PLACE, P.U.D.
Town of Minturn, County of Eagle, State of Colorado



L27 = S00°00'00"W 4.50

CURVE TABLE						
CURVE	LENGTH	RADIUS	Tangent	Chord	Chd Brng	Delta
C1	19.70	44.17	10.01	19.53	N12°46'33"E	25°33'06"
C2	30.46	44.17	15.86	29.86	N45°18'32"E	39°30'53"
C3	19.22	44.17	9.76	19.07	N77°31'59"E	24°56'01"
C4	11.65	28.83	5.91	11.57	N11°34'15"E	23°08'56"
C5	33.65	28.83	19.03	31.77	N56°34'28"E	66°51'30"
C6	1.41	28.83	0.71	1.41	N33°50'32"E	2°48'39"
C7	16.32	28.83	8.39	16.11	N16°13'06"E	32°26'12"
C8	5.18	44.17	2.59	5.18	S03°21'35"W	6°43'11"
C9	13.19	44.17	6.65	13.14	S15°16'34"W	17°06'47"
C10	46.98	32.33	28.73	42.95	S41°37'23"E	83°14'46"
C11	3.81	32.33	1.91	3.81	S86°37'23"E	6°45'14"
C12	27.66	44.17	14.30	27.21	N72°03'40"W	35°52'40"
C13	24.68	44.17	12.67	24.36	N38°06'40"W	32°01'20"
C14	17.04	44.17	8.63	16.93	N11°03'00"W	22°06'00"
C15	1.89	28.83	0.94	1.89	N88°07'42"W	3°45'03"
C16	43.41	28.83	27.01	39.42	N43°07'29"W	86°15'24"
C17	10.68	28.83	5.40	10.62	N10°36'31"E	21°13'28"

REFER TO "FINAL PLAT: BELDEN PLACE PUD" FOR FINAL AND FULL SET OF DRAWINGS - RECEPTION NUMBER 202409455 OF THE RECORDS OF EAGLE COUNTY COLORADO WAS USED AS THE BASIS OF DESIGN AND IS INCLUDED BY THIS REFERENCE.

= PLATTED BUILDING ENVELOPE
= PEDESTRIAN EASEMENT
= EASEMENT ENCROACHMENT AREA SEE NOTE 5(IV)

UNITED STATES OF AMERICA
RECEPTION No.246983

PRELIMINARY

COLORADO REGISTERED PROFESSIONAL LAND SURVEYOR
MATTHEW S. SLAGLE
34998
07-09-2024

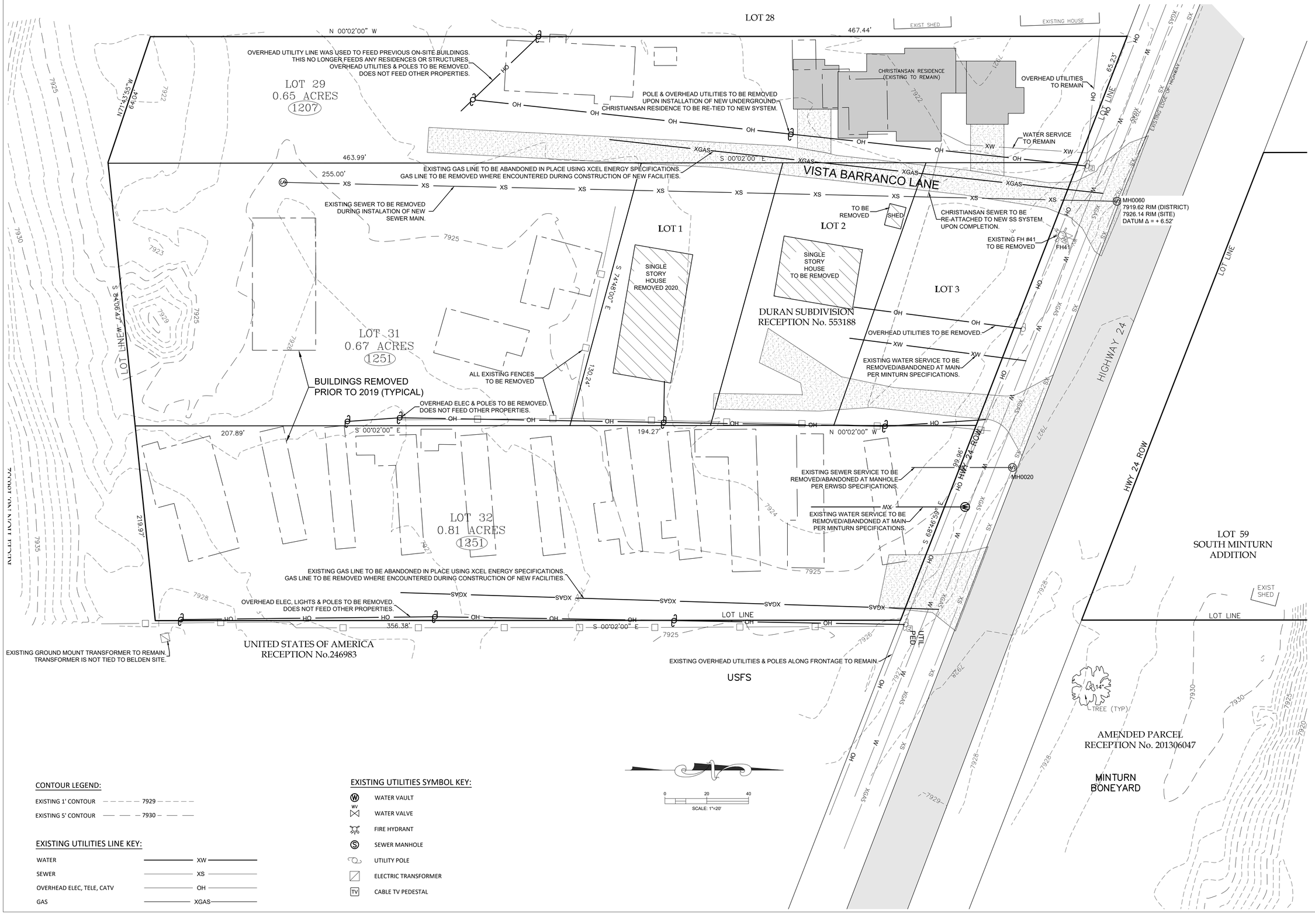
Matthew S. Slagle PLS 34998
Professional Land Surveyor
State of Colorado

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVERED SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF CERTIFICATION SHOWN HEREON.

SLAGLE SURVEY SERVICES
800 Castle Drive - P.O. Box 751 Eagle, Colorado 81631
970.471.1499 Office matthew@slaglesurvey.com
www.SlagleSurvey.com

FINAL PLAT
BELDEN PLACE, P.U.D.
Town of Minturn, County of Eagle, State of Colorado

DRAWN BY:	JOB NUMBER:	DRAWING NAME:
MSS	18029	18029_PUD-23.dwg
SHEET 3 OF 5		DATE: 11-11-2023



CONTOUR LEGEND:

EXISTING 1' CONTOUR ——— 7929 ———

EXISTING 5' CONTOUR —— —— 7930 —— ——

EXISTING UTILITIES LINE KEY:

WATER	XW
SEWER	XS
OVERHEAD ELEC, TELE, CATV	OH
GAS	XGAS

EXISTING UTILITIES SYMBOL KEY:

- WATER VAULT
- WV WATER VALVE
- FIRE HYDRANT
- SEWER MANHOLE
- UTILITY POLE
- ELECTRIC TRANSFORMER
- TV CABLE TV PEDESTAL

TIMBERLINE ENGINEERING llc CIVIL STRUCTURAL
218 E. Valley Rd. p 970.963.9869
SITE 104-PMB 177 81623
Carbondale, Colorado
timberlineengineering@gmail.com

COLORADO REGISTERED DAVID JOHN ANDERSON 39276 PROFESSIONAL ENGINEER

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Belden Place - 12 Plex (Flats)
Lot 7

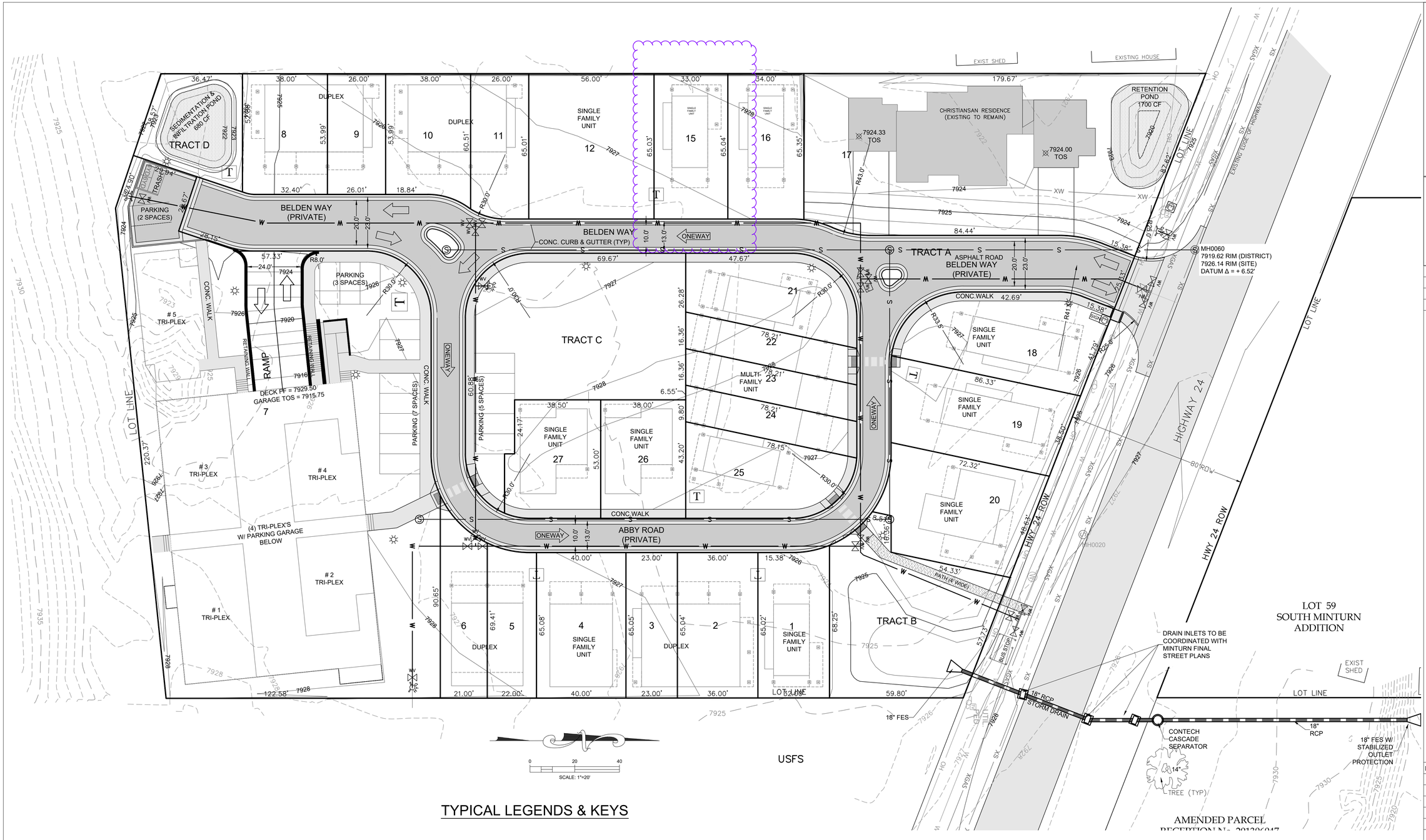
0036 Abby Road, Minturn, Colorado 81645

NOT FOR CONSTRUCTION

DATE	REVISION
2/15/22	Permit Set
7/29/24	Review comments 1

Title: EXISTING SITE & DEMOLITION PLAN

Sheet: C.110



TYPICAL LEGENDS & KEYS

AD	= AREA DRAIN
CFS	= CUBIC FEET PER SECOND
CONC	= CONCRETE
EC	= EDGE OF CONCRETE
EOA	= EDGE OF ASPHALT
EP	= EDGE OF PAVEMENT
EX	= EXISTING
FF	= FINISHED FLOOR
FG	= FINISHED GRADE
FL	= FLOW LINE
GD	= GRADE/GROUND
HP	= HIGH POINT
LP	= LOW POINT
TBC	= TOP BACK OF CURB
TD	= TRENCH DRAIN
TOS	= TOP OF SLAB
TOW	= TOP OF WALL
TYP	= TYPICAL
WH	= WALL HEIGHT
TOW	= TOP BACK OF WALK
EL	= ELEVATION
TOP	= TOP OF PIPE

CONTOUR LEGEND:

- EXISTING 1' CONTOUR — 7929
- EXISTING 5' CONTOUR — 7930
- PROPOSED 1' CONTOUR — 7929
- PROPOSED 5' CONTOUR — 7930

EXISTING UTILITIES LINE KEY:

- WATER — XW
- SEWER — XS
- OVERHEAD ELEC, TELE, CATV — OH
- GAS — XGAS

EXISTING UTILITIES SYMBOL KEY:

- WATER VAULT
- WATER VALVE
- FIRE HYDRANT
- SEWER MANHOLE
- UTILITY POLE
- ELECTRIC TRANSFORMER
- CABLE TV PEDESTAL

PROPOSED UTILITY SYMBOL KEY:

- WATER VAULT
- WATER VALVE
- FIRE HYDRANT
- SEWER MANHOLE
- UTILITY POLE
- ELECTRIC TRANSFORMER
- CABLE TV PEDESTAL
- ELECTRIC SPLICE VAULT
- STREET LIGHT

INDICATES DIRECTION OF TRAFFIC FLOW

LINE KEY:

- WATER — W
- SEWER — S

PARKING NOTES:

PARKING SPACES 9' X 18' MIN.

REFER TO "BELDEN PLACE PUD - FINAL PLAN SUBMITTAL" FOR FULL DEVELOPMENT SITE PLANE, PREPARED BY TIMBERLINE ENGINEERING DATE JULY 12, 2024, WAS USED AS THE BASIS OF DESIGN AND IS INCLUDED BY THE REFERENCE.

EARTHWORK:
5175 CYD CUT
8130 CYD FILL
2955 CYD NET <FILL>
(DOES NOT INCLUDE ONSITE HAUL-IN ±1000 CYD)

TIMBERLINE ENGINEERING llc CIVIL STRUCTURAL
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Carbondale, Colorado 81623
timberlineengineering@gmail.com

COLORADO REGISTERED DAVID JOHN ANDERSON 39276 PROFESSIONAL ENGINEER

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Belden Place - 12 Plex (Flats)
Lot 7

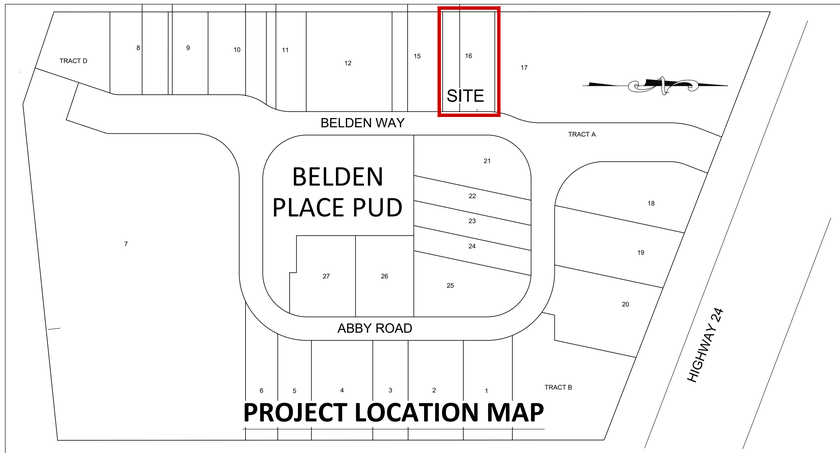
0036 Abby Road, Minturn, Colorado 81645

NOT FOR CONSTRUCTION

DATE	REVISION
2/15/22	Permit Set
7/29/24	Review comments 1

Title: PROPOSED SITE PLAN

Sheet: C.111



PROJECT LOCATION MAP

UNIT 15

SHEET INDEX:

C.1 SITE PLAN
C.3 DETAILS & CROSS SECTION

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CIVIL STRUCTURAL
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timberlineengineering@gmail.com

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ABBREVIATION KEY

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TOS	= TOP OF SLAB
TOW	= TOP OF WALL
TYP	= TYPICAL
WH	= WALL HEIGHT
TOW	= TOP BACK OF WALK
EL	= ELEVATION
TOP	= TOP OF PIPE
WV	= WATER VALVE
WW	= WINDOW WELL

CONTOUR LEGEND:

EXISTING 1' CONTOUR	7929
EXISTING 5' CONTOUR	7930
PROPOSED 1' CONTOUR	7929
PROPOSED 5' CONTOUR	7930

LINE KEY:

WATER	W
SEWER	S
ELECTRIC	UEL
GAS	GAS
TELEPHONE	TEL
CATV	CTV
PROPERTY LINE	PL

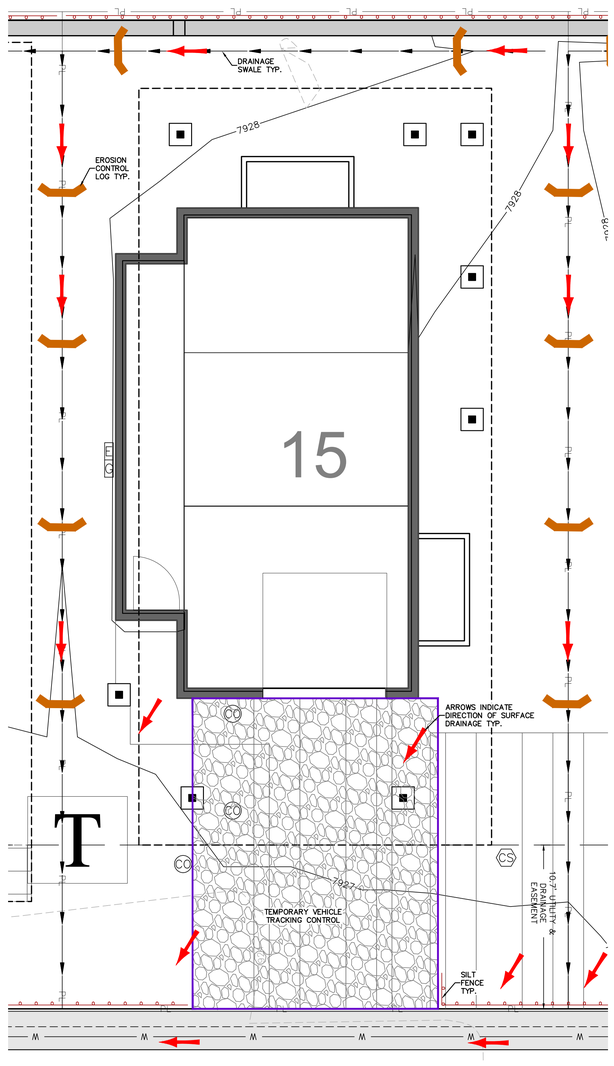
PROPOSED UTILITY SYMBOL KEY:

- WATER VAULT
- WATER VALVE
- FIRE HYDRANT
- SEWER MANHOLE
- UTILITY POLE
- ELECTRIC TRANSFORMER
- CABLE TV PEDESTAL
- ELECTRIC SPLICE VAULT
- WATER SERVICE CURB STOP
- SANITARY SEWER CLEANOUT
- STREET LIGHT

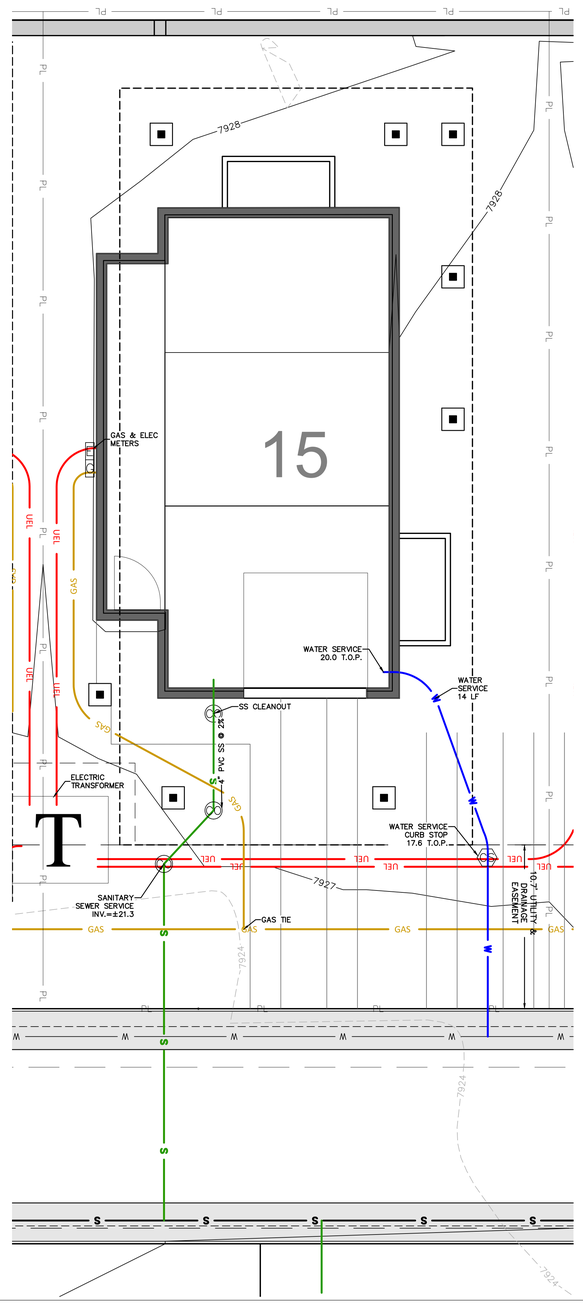
SITE COVERAGE	48.7%
SITE CALCULATIONS - 16	
SITE SQFT	2,212 SQFT
BUILDING COVERAGE	922 SQFT
IMPERVIOUS COVERAGE (Includes Building)	1,026 SQFT
SITE COVERAGE ALLOWED	60%
SITE COVERAGE	46.4%

0 4 8 Feet

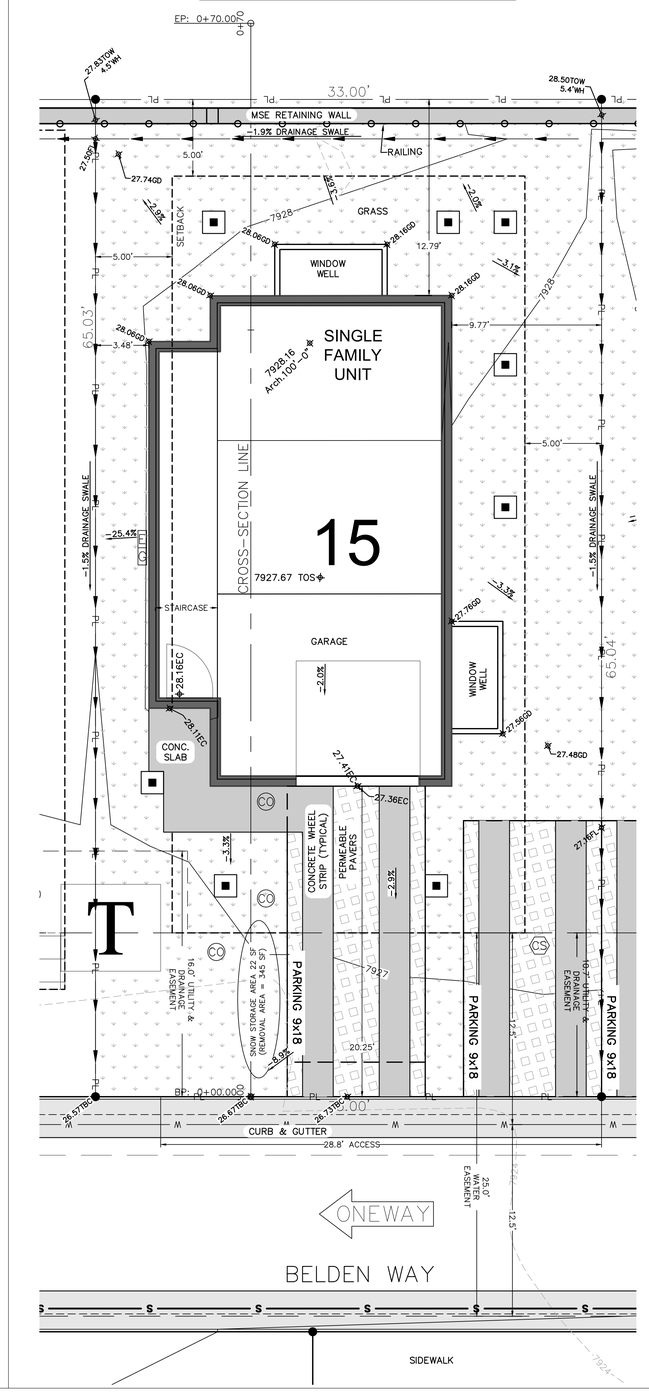
DRAINAGE & EROSION CONTROL PLAN



UTILITY PLAN



SITE PLAN WITH GRADING



Belden Place
UNIT 16 SINGLE FAMILY RESIDENCE

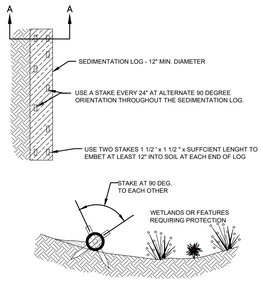
Minturn, Colorado

NOT FOR CONSTRUCTION

DATE	REVISION
1/2/24	DRB Coordination
9/27/24	DRB Comments

Title: SITE PLAN

Sheet: C.1



SECTION A - A

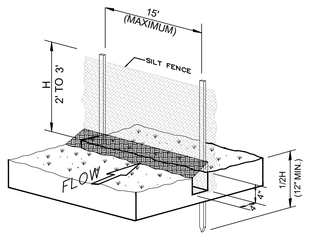
SEDIMENT CONTROL LOG INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATION AND LENGTH OF SEDIMENT CONTROL LOG.
2. SEDIMENT CONTROL LOGS INDICATED ON INITIAL SWMP PLAN SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
3. SEDIMENT CONTROL LOGS SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.
4. NOT FOR USE IN CONCENTRATED FLOW AREAS.
5. THE SEDIMENT CONTROL LOG SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 2".

SEDIMENT CONTROL LOG MAINTENANCE NOTES

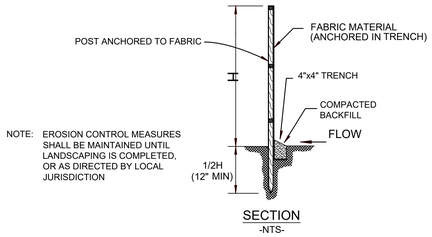
1. THE SWMP MANAGER SHALL INSPECT SEDIMENT CONTROL LOGS DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF SEDIMENT CONTROL LOGS SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT DEPTH IS WITHIN ½ THE HEIGHT OF THE CREST OF LOG.
3. SEDIMENT CONTROL LOG SHALL BE REMOVED AT THE END OF CONSTRUCTION. IF ANY DISTURBED AREA EXISTS AFTER REMOVAL, IT SHALL BE COVERED WITH TOP SOIL, DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

EROSION CONTROL LOG DETAIL



SILT FENCE INSTALLATION

-NTS-

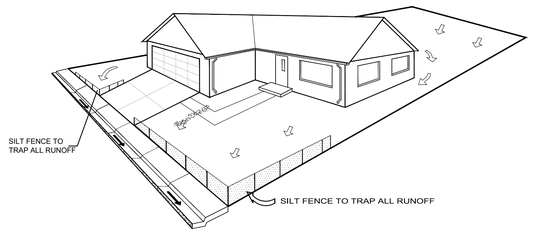


NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL LANDSCAPING IS COMPLETED, OR AS DIRECTED BY LOCAL JURISDICTION

SECTION

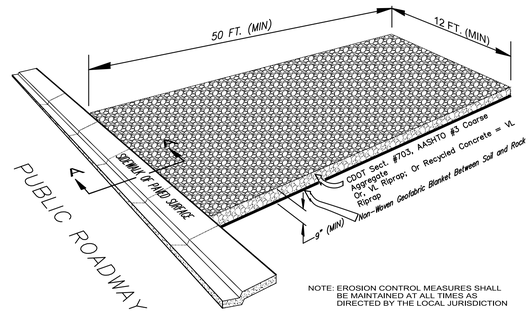
-NTS-

SILT FENCE INSTALLATION DETAIL

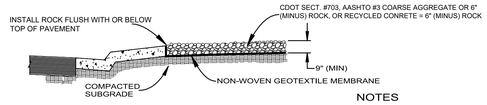


NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES AS DIRECTED BY LOCAL JURISDICTION

SILT FENCE PLACEMENT DETAIL



NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES AS DIRECTED BY THE LOCAL JURISDICTION



SECTION A-A

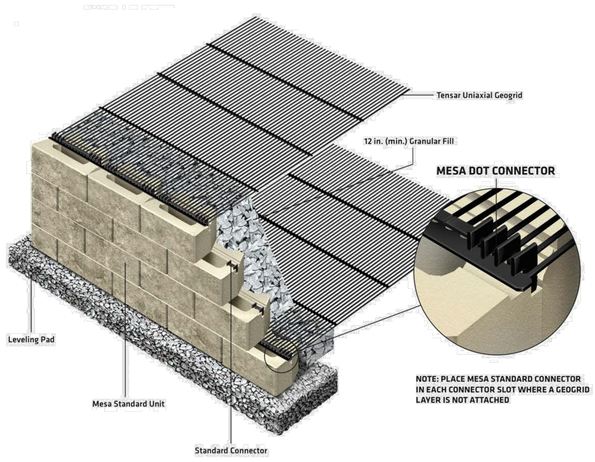
-NTS-

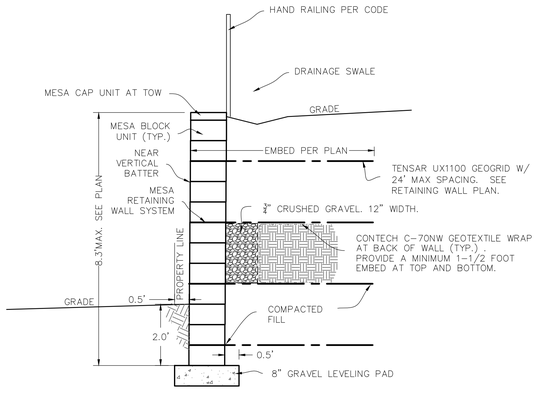
NOTES

1. ALL ROCK TO BE REMOVED UPON COMPLETION OF CONSTRUCTION.
2. PUBLIC ROADWAY TO BE KEPT CLEAN AND FREE OF MUD, DIRT AND DEBRIS AT ALL TIMES.

TEMPORARY VEHICLE TRACKING CONTROL DETAIL

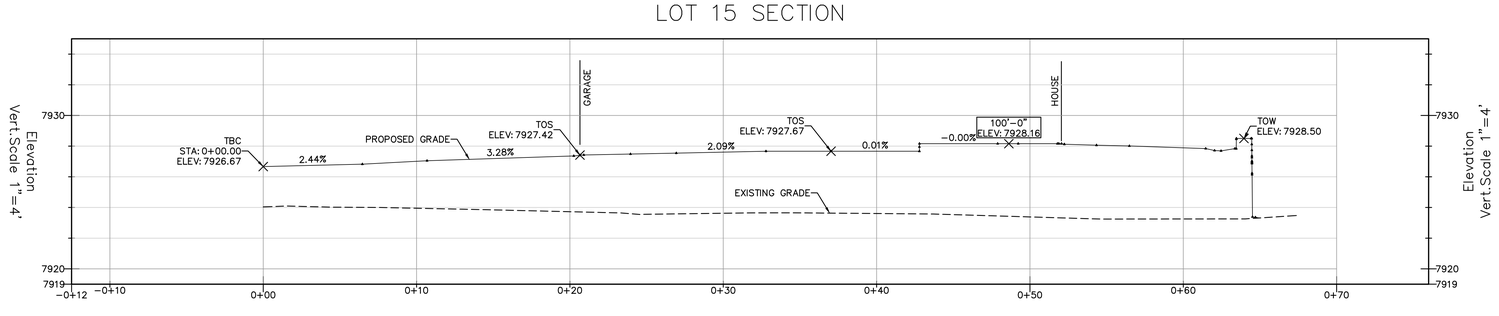
MESA® SYSTEM NEAR VERTICAL SETBACK WITH DOT CONNECTOR





RETAINING WALL DETAIL

LOT 15 SECTION



TIMBERLINE ENGINEERING LLC CIVIL STRUCTURAL
218 E. Valley Rd. p 970.963.9869
STE 104-PMB 177
Carbondale, Colorado 81623
timberlineengineering@gmail.com

COLORADO REGISTERED DAVID JOHN ANDREWS 39276 PROFESSIONAL ENGINEER

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Belden Place
UNIT 15 SINGLE FAMILY RESIDENCE
Minturn, Colorado

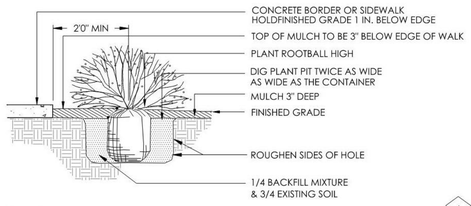
NOT FOR CONSTRUCTION

DATE	REVISION
1/2/24	DRB Coordination
9/17/24	DRB Comments

Title: DETAILS & CROSS SECTION

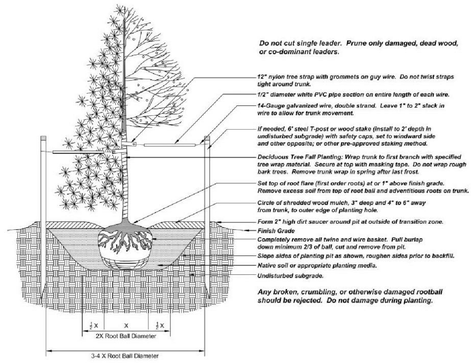
Sheet: C.2

PRUNE ALL DAMAGED OR DEAD WOOD IMMEDIATELY PRIOR TO PLANTING



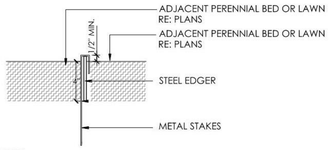
1 SHRUB PLANTING
SCALE: 3/4" = 1'-0"

1



3 TREE PLANTING
SCALE: N.T.S.

3



NOTES:
1. CONTRACTOR TO SUBMIT SAMPLE PRIOR TO ORDERING MATERIAL OR DELIVERING TO SITE.
2. NO EDGER REQUIRED WHEN MULCH IS ADJACENT TO PAVEMENT, BORDER, OR WALLS.
3. SET ALL EDGING 1/2" ABOVE FINISH GRADE AS SHOWN.
4. EDGING SHALL ABUT ALL CONCRETE CURBS AND WALKS PERPENDICULAR, AND FLUSH W/ GRADES OF CONCRETE.
5. ALL JOINTS TO BE SECURELY STAKED.
6. CONTRACTOR SHALL CUT TOP EDGE(S) AS NEEDED TO BE PARALLEL WITH GRADE.

8 METAL EDGER
SCALE: 3/4" = 1'-0"

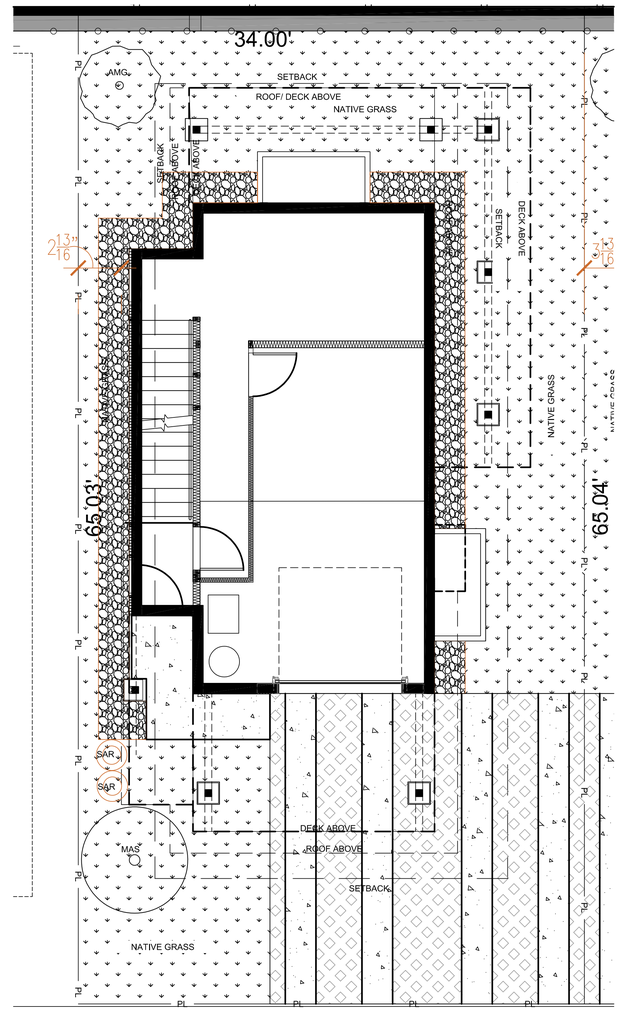
8

ORNAMENTAL TREES

ABB.	BOTANIC	COMMON	SPACING	SIZE	QTY
AMG	*Amelanchier x grandiflora*	Autumn Brilliance Serviceberry	as shown	8' clump	21
CMT	*Crataegus x mordenensis 'Toba'*	Toba Hawthorn	as shown	2" Cal	5
MAS	*Malus x 'Spring Snow'*	Spring Snow Crabapple	as shown	2" Cal	8
MAT	*Malus 'Thunderchild'*	Thunderchild Crabapple	as shown	2" Cal	5
QUG	*Quercus gambelii*	Gambel Oak	as shown	8' clump	11

DECIDUOUS SHRUBS

ABB.	BOTANIC	COMMON	SPACING	SIZE	QTY
SAR	*Salix repens*	Creeping Willow	as shown	5 Gal.	9
SOS	*Sorbaria sorbifolia*	Ash-leaf Spirea	as shown	5 Gal.	6
SPM	*Syringa patula 'Miss Kim'*	Miss Kim Lilac	as shown	5 Gal.	9
SYO	*Symphoricapos occidentalis*	Western Snowberry	as shown	5 Gal.	4



1 ENLARGED LANDSCAPE PLAN
A1.1 — 1/4" = 1'-0"

GENERAL NOTES:
1. CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL CODES AND REGULATIONS.
2. CONTRACTOR TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO BEFORE DIGGING, INCLUDING BUT NOT LIMITED TO, TRENCHING, SHRUB AND TREE PLANTING PITS. IF UTILITIES OCCUR WITHIN (3) THREE FEET OF PROPOSED FOOTINGS, THE CONTRACTOR SHALL REPORT SUCH CONDITIONS TO THE OWNER.
3. CONTRACTOR IS RESPONSIBLE FOR FULL ON-SITE INVESTIGATIONS AS NEEDED IN ORDER TO GAIN A FULL UNDERSTANDING OF EXISTING CONDITIONS PRIOR TO CONSTRUCTION. FAILURE TO INSPECT THE SITE PRIOR TO CONSTRUCTION SHALL NOT BE CAUSE FOR REQUESTING ADDITIONAL MONIES BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL OBTAIN, AT HIS EXPENSE, ALL PERMITS WHICH ARE NECESSARY TO PERFORM THE PROPOSED WORK.
5. THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR FOR SAFETY PRECAUTIONS OR PROBLEMS UTILIZED IN CONNECTION WITH THE WORK, AND HE/SHE WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. VERIFY ALL CONDITIONS AT THE JOB SITE AND NOTIFY LANDSCAPE ARCHITECT AND THE OWNER'S REP. IMMEDIATELY OF ANY DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES PRIOR TO ANY DEMOLITION OR CONSTRUCTION.

SIGHT TRIANGLE NOTES:

PEDESTRIAN SIGHT TRIANGLES: NO ITEMS THAT ARE WIDER THAN 18" MAY BE TALLER THAN 30" WITHIN THE PEDESTRIAN SIGHT TRIANGLE.

CORNER SIGHT TRIANGLES: NO ITEMS TALLER THAN 30" MAY BE PLACED WITHIN THE CORNER SIGHT TRIANGLE, EXCEPT FOR TRAFFIC CONTROL DEVICES AND EQUIPMENT. TREES MUST BE LIMBED TO 8 FEET AT ADEQUATE MATURITY. TREES SHALL BE PLANTED A MINIMUM OF 10 FEET FROM LIGHT OR UTILITY POLES.

ROADWAY SIGHT TRIANGLES: NO ITEMS THAT ARE WIDER THAN 18" MAY BE TALLER THAN 30" WITHIN THE ROADWAY SIGHT TRIANGLE EXCEPT FOR STREET TREES AND TRAFFIC CONTROL DEVICES AND EQUIPMENT.

TREE PROTECTION ZONE (TPZ) NOTES:
1. CONTRACTOR SHALL VERIFY FINAL BOUNDARIES OF TPZ PRIOR TO COMMENCEMENT OF CONSTRUCTION/DEMOLITION ACTIVITIES. EXCESSIVE BRANCH PRUNING ON EXISTING TREES FOR CONSTRUCTION CLEARANCE WILL NOT BE PERMITTED. PRUNING FOR BUILDING CLEARANCE SHALL BE MINIMIZED. DUE TO SCOPE OF CONSTRUCTION AND SIZE OF EX. ROW TREES, USE CHAIN LINK FENCING TO ESTABLISH TPZ.
2. THE TREE LAWN WITHIN THE BOUNDARY OF THE TREE DRIPLINE SHALL NOT BE ROTOTILLED AT ANY TIME. ROTOTILLING IS ONLY PERMITTED IN AREAS OUTSIDE OF EXISTING TREE DRIPLINE WHERE CONCRETE & HARDSCAPE ARE REMOVED.

LANDSCAPE NOTES:
1. ALL NEW LANDSCAPE AND IRRIGATION SHALL BE UNDER WARRANTY FOR A PERIOD OF (1) ONE YEAR. THE WARRANTY PERIOD SHALL COMMENCE ONCE ALL PUNCH LIST ITEMS ARE SATISFACTORY COMPLETED AND A LETTER OF FINAL COMPLETION IS PROVIDED FROM THE OWNER'S REPRESENTATIVE. ALL LANDSCAPE AND IRRIGATION MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR 1 YEAR AFTER THE FINAL COMPLETION IS PROVIDED IN WRITING.
2. PLANT MATERIAL AND BED LOCATIONS TO BE STAKED BY THE LANDSCAPE CONTRACTOR FOR REVIEW BY THE OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT. ALL ADJUSTMENTS SHALL BE MADE BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT DIG PLANT PITS UNTIL LOCATIONS ARE APPROVED.
3. ROUGH GRADING TO PLUS OR MINUS ONE TENTH OF A FOOT BY GENERAL CONTRACTOR. LANDSCAPE CONTRACTOR TO PROVIDE FINISH GRADING IN ALL LANDSCAPE AREAS. LANDSCAPE CONTRACTOR TO APPROVE ROUGH GRADES PRIOR TO MOBILIZATION. MOBILIZATION ON THE PART OF THE LANDSCAPE CONTRACTOR WILL INDICATE THAT ROUGH GRADING IS ACCEPTABLE TO THE LANDSCAPE CONTRACTOR. AND THEREFORE BE RESPONSIBLE FOR PROVIDING ALL FINISHED GRADES TO MEET THE CIVIL GRADING PLANS.
4. TREES AND SHRUBS WILL BE INSPECTED ON-SITE. LANDSCAPE PLANT MATERIALS MAY BE REJECTED AT ANY TIME DUE TO ISSUES OF QUALITY.
5. ALL NEW LANDSCAPE AREAS SHALL BE IRRIGATED BY A COMMERCIAL GRADE, FULLY AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. TREES, SHRUBS, AND DECORATIVE GRASSES SHALL BE IRRIGATED BY A SEPARATE ZONE FROM SOD/GRASS; THIS INCLUDES TREES PLANTED IN SOD/GRASS AREA. THE IRRIGATION SYSTEM IS TO HAVE A RAIN SENSOR SHUTOFF INSTALLED. IRRIGATION TO BE DESIGN/BUILD. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH ARCHITECT, LANDSCAPE ARCHITECT, AND MECHANICAL AND FOR GENERATION OF AN IRRIGATION PLAN FOR REVIEW WITH AS BUILT PLAN AS REQUIRED.
6. ALL PLANT MATERIAL SHALL MEET OR EXCEED CURRENT AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1 AND THE COLORADO NURSERY ACT AND ACCOMPANYING RULE AND REGULATIONS.
7. TRUNK-WRAP TAPE: TWO LAYERS OF CRINKLED PAPER CEMENTED TOGETHER WITH BITUMINOUS MATERIAL, 4 INCHES (102 MM) WIDE MIN.
8. WRAPPING TREE TRUNKS: WRAP TREES WITH TRUNK-WRAP TAPE. START AT BASE OF TRUNK AND SPIRAL COVER TRUNK TO HEIGHT OF FIRST BRANCHES. OVERLAP WRAP, EXPOSING HALF THE WIDTH, AND SECURELY ATTACH WITHOUT CAUSING GIRDLING. DO NOT USE STAPLES. INSPECT TREE TRUNKS FOR INJURY, IMPROPER PRUNING, AND INSECT INFESTATION AND TAKE CORRECTIVE MEASURES REQUIRED BEFORE WRAPPING. DO NOT WRAP ROUGH BARK, POPULUS OR GLEDITSIA TREES. REMOVE WRAP IN SPRING.
   8.1. NO TREE SHALL BE WRAPPED AFTER MAY 21 OR BEFORE NOVEMBER 1.
   8.2. ALL DECIDUOUS TREES SHALL BE WRAPPED BY NOV. 15. REMOVE TREE WRAP BY MAY 15.
   8.3. CONTRACTOR SHALL BE RESPONSIBLE FOR WRAPPING AND UNWRAPPING TREES DURING THE WARRANTY PERIOD.
9. FIBER MULCH AT PLANTING BEDS: ORGANIC MULCH FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF TREES AND SHRUBS, CONSISTING OF SHREDDED REDWOOD MULCH NOT LARGER THAN FOUR INCHES (4") IN LENGTH. SUBMIT 1.0 CF SAMPLE FOR APPROVAL.

SOIL PREPARATION:
SOIL SHALL BE AMENDED BASED ON THE SOIL TEST RECOMMENDATIONS (TO ADDRESS SPECIFIC DEFICIENCIES & ISSUES IN EXISTING SOIL). THE FOLLOWING INCLUDES THE SOIL TEST REQUIREMENTS AND RECOMMENDATIONS TO BE USED IN CONJUNCTION WITH THE SOIL TEST RESULTS:

1. SOIL ANALYSIS. BULK DENSITY TESTING AND REMEDIATION REQUIRED. SOIL ANALYSIS FROM A LOCAL ACCREDITED SOIL ANALYSIS LABORATORY WITH EXPERIENCE IN LOCAL URBAN SOILS SHALL BE REQUIRED WHEN PLANTS ARE TO BE INSTALLED IN GREEN SPACE. ALL SOIL REMEDIATION SHALL BE BASED ON THE SOIL ANALYSIS.
   1.1. MINIMUM SOIL ANALYSIS MUST DETERMINE SOIL TEXTURE AND STRUCTURE, PH BALANCE, SOIL SALINITY, FREE LIME, ORGANIC MATTER (OM) CONTENT, PLANT AVAILABLE NUTRIENTS AND COMPACTION.
   1.2. DEPTH OF LANDSCAPE SOIL ANALYSIS SHALL BE 24IN FOR TREES AND 8IN FOR ALL OTHER AREAS
   1.3. SOIL REMEDIATION REQUIRED BASED ON SOIL ANALYSIS.

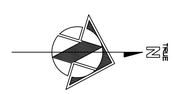
2. COMPOSTED MATERIAL SHALL CONSIST OF AGED ORGANIC MATTER, FREE OF WEED OR OTHER NOXIOUS PLANT SEEDS, LUMPS, STONES, OR OTHER FOREIGN CONTAMINANTS HARMFUL TO PLANT LIFE, AND HAVING THE FOLLOWING CHARACTERISTICS BASED ON A NUTRIENT TEST PERFORMED NO LONGER THAN 3 MONTHS PRIOR TO ITS INCORPORATION INTO THE PROJECT:
   1.1. ORGANIC MATTER: 25% MINIMUM.
   1.2. SALT CONTENT: 5.0 MMHOS/CM MAXIMUM.
   1.3. PH: 8.5 MAXIMUM.
   1.4. CARBON TO NITROGEN RATIO OF 10:1 TO 20:1.
   1.5. PARTICLE SIZE NO PARTICLE SMALLER THAN SILT OR CLAY SIZE, OR LARGER THAN ½" DIAMETER
   1.6. ACCEPTABLE COMPOST PRODUCT: CLASS I COMPOST, SUCH AS ECOGRO OR BIO-COMP, AS PROVIDED BY A1 ORGANICS, EATON, CO, OR APPROVED EQUAL.

2. FINISH GRADE TO BE BELOW THE EDGE OF PAVEMENT PRIOR TO SODDING OR PLANTING:
   1.1. SEEDED/SODDED AREAS: ALLOW 1 INCH FOR SOD.
   1.2. PLANTED AREAS: ALLOW 3 INCHES FOR MULCH.

4. AFTER APPLYING SOIL CONDITIONER AND FERTILIZER, THOROUGHLY TILL AREA TO DEPTH OF 6" MINIMUM UNTIL SOIL IS WELL PULVERIZED AND THOROUGHLY MIXED.

NATIVE GRASS
2' GRAVEL DRIP LINE MULCH
CONC. PARKING STRIP
PERMEABLE PAVERS

SITE COVERAGE	48.7%
SITE CALCULATIONS - 16 SITE SQFT	2,212 SQFT
BUILDING COVERAGE	922 SQFT
IMPERVIOUS COVERAGE (Includes Building)	1,026 SQFT
SITE COVERAGE ALLOWED	60%
SITE COVERAGE	46.4%



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Civil Engineer:
Timberline Engineering
(970) 963 9889
Structural Engineer:
KRM Consultants, Inc.
(970) 949-9391

Seal

Revisions:

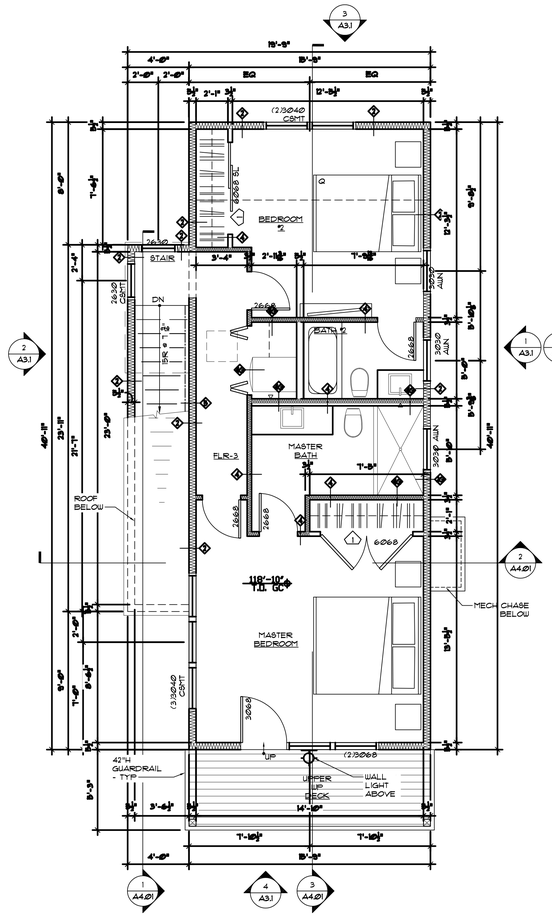
Issue Dates:
20220509 Struct Coord
DRB-11/28/2023
DRB-09/13/2024

Sheet Title:
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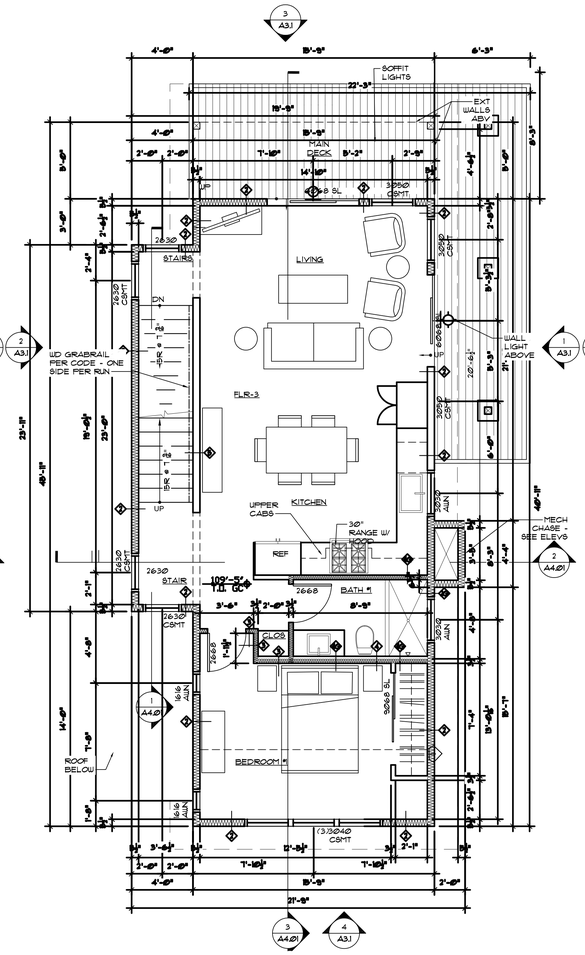
Project No:
2215

Sheet No:
A1.1

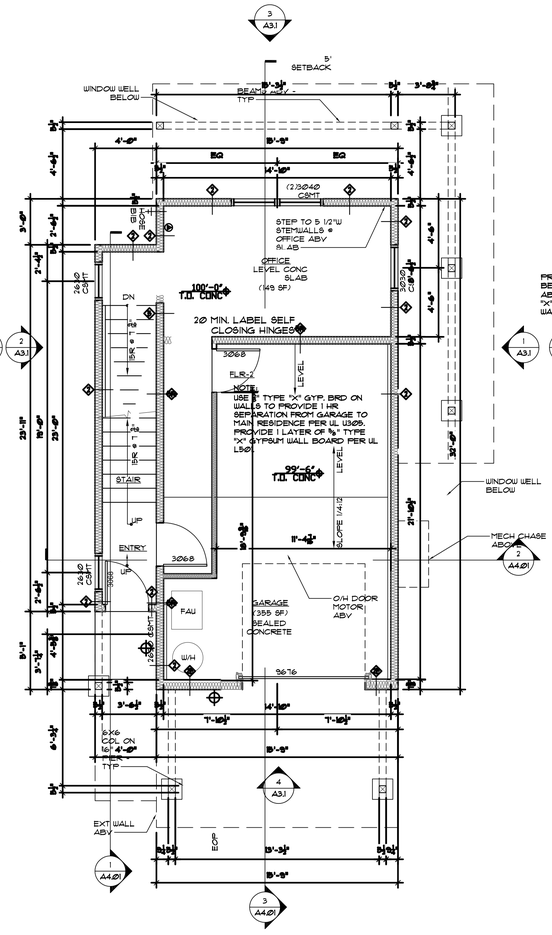
Belden Place - Single FAmil
Lot 15 - 0015 Beldan Way
Mintum, Colorado 81645



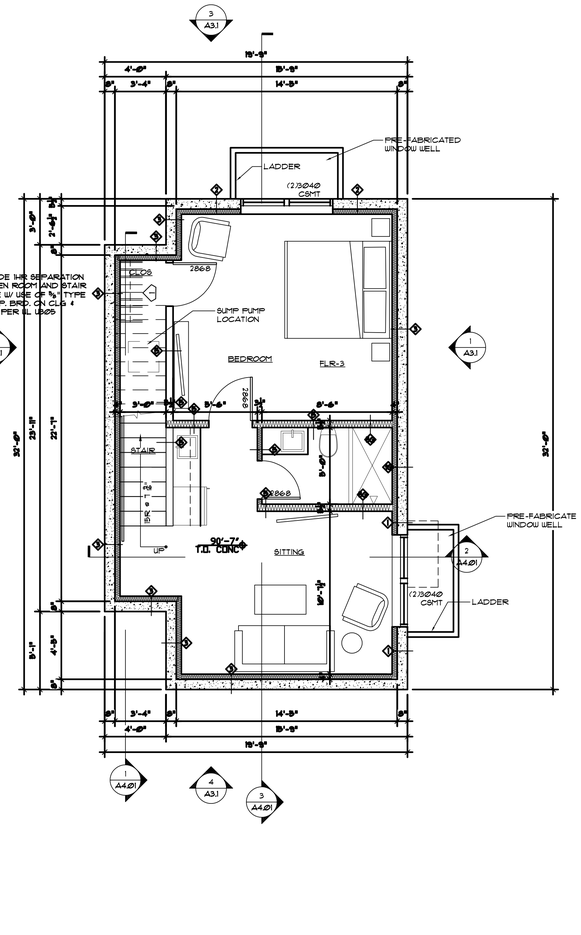
4 A2.1 UPPER LEVEL FLOOR PLAN
1/4"=1'-0"



3 A2.1 MAIN LEVEL FLOOR PLAN
1/4"=1'-0"



2 A2.1 LOWER LEVEL PLAN
1/4"=1'-0"



1 A2.1 BASEMENT FLOOR PLAN
1/4"=1'-0"

CLOSET NOTES:

1. SINGLE HANGING: DESIGNATED BY SINGLE DASHED LINE IN CLOSETS TO BE: 16" SHELF @ 7'-0" AFF, 15" SHELF & ROD @ 5'-6" AFF.
2. DOUBLE HANGING: DESIGNATED BY DOUBLE DASHED LINE IN CLOSETS TO BE: 16" SHELF & ROD @ 7'-0" AFF, 12" SHELF & ROD @ 3'-6" AFF.
3. SHELVES @ WALK-IN CLOSETS: 6 - 16" SHELVES @ 1'-2" OC, 1st SHELF @ 1'-2" AFF, SHELF WIDTH TO BE CLOSET WIDTH, LESS 4'-0" OR AS OTHERWISE INDICATED.
4. LINEN SHELVES: 6 SHELVES, WIDTH AS NOTED, @ 1'-2" OC, 1st SHELF @ 1'-2" AFF, FULL CLOSET WIDTH.
5. STORAGE SHELVES: 6 - 16" SHELVES @ 1'-2" OC, 1st SHELF @ 1'-2" AFF, FULL CLOSET WIDTH.

GENERAL CLOSET NOTES:

1. ALL SHELVES & VERTICAL DIVIDERS TO BE AC PLYWOOD WITH 1x2 EDGE, SPECIES TO BE SPECIFIED BY DEVELOPER.
2. CLEATS TO BE 1x2 CLEAR PINE.
3. PROVIDE ROD SUPPORTS @ 36" OC MAX.
4. ALL TO BE STAINED TO MATCH CASE & BASE.

TRUE N

0 2 4 8 16 32

SCALE: ¼"=1'-0"

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KRM Consultants, Inc.
(970) 949-9391

Seal

Belden Place - Single Family
Lot 15 - 0015 Beldan Way
Minturn, Colorado 81645

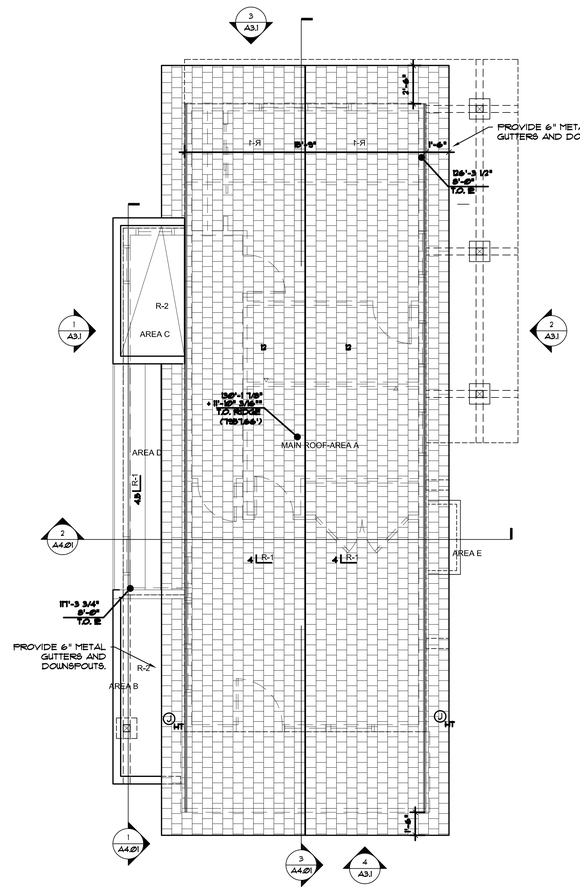
Revisions:

Issue Dates:
20230809 Struct Coord
DRB-11/28/2023
CDs - 03/11/2024

Sheet Title:
Floor Plans

Project No:
2215

Sheet No:
A2.1



1 A2.1 ROOF PLAN
1/4"=1'-0"

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Revisions:

Issue Dates:
20220909 Struct Coord
DRB-11/28/2022

Sheet Title:
Roof Plan

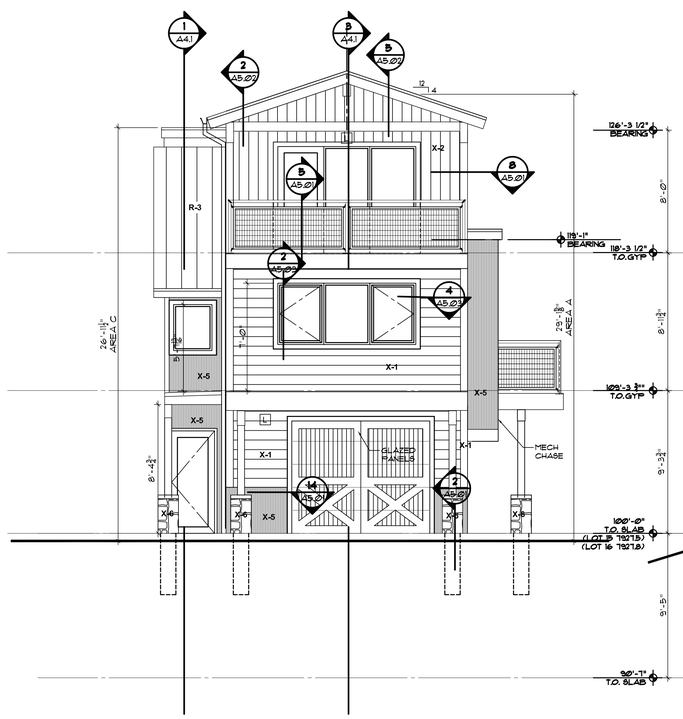
TRUE N

Project No:
2215

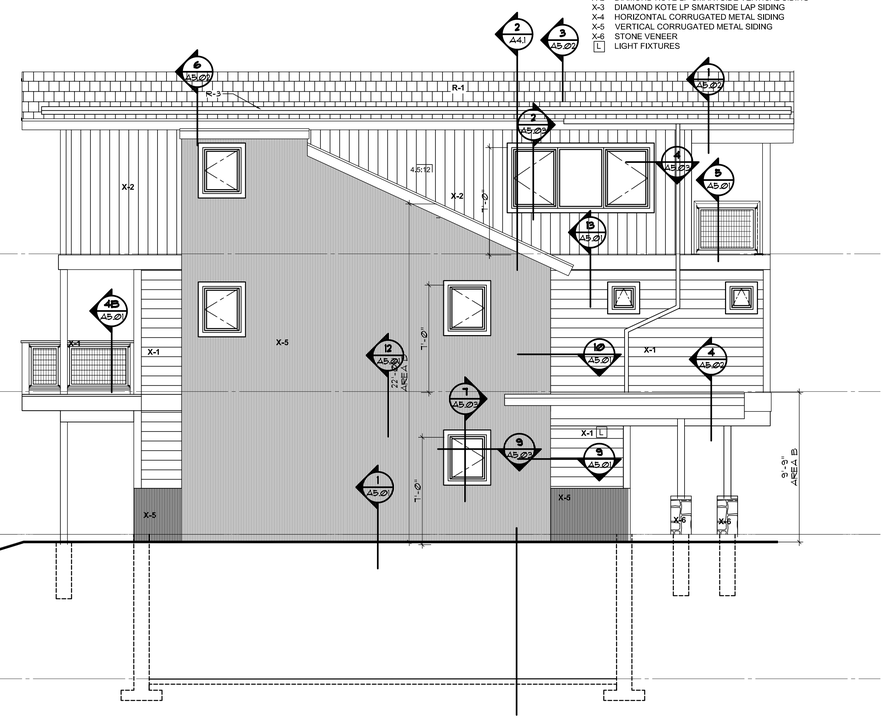
Sheet No:
A2.2

MATERIAL LEGEND

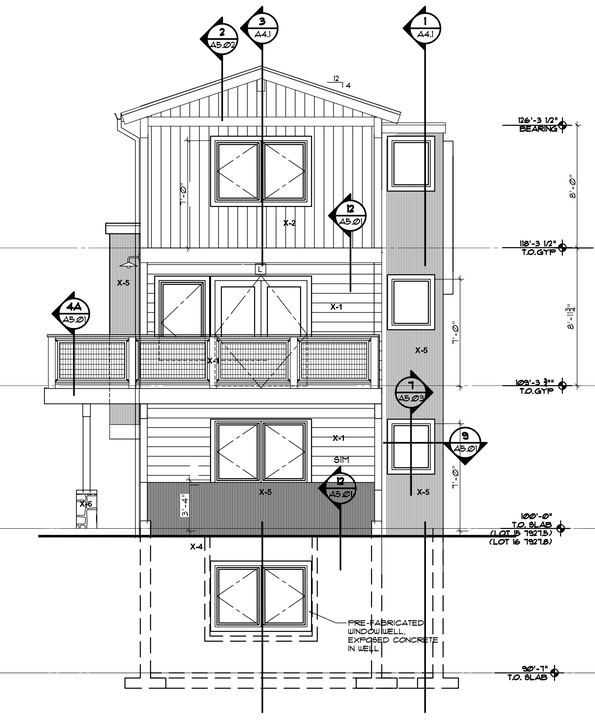
R-1: ASPHALT SHINGLE ROOF
R-2: LOW SLOPE EPDM
R-3: STANDING SEAM METAL ROOFING
X-1 DIAMOND KOTE LP SMARTSIDE LAP SIDING
X-2 DIAMOND KOTE LP SMARTSIDE VERTICAL SIDING
X-3 DIAMOND KOTE LP SMARTSIDE LAP SIDING
X-4 HORIZONTAL CORRUGATED METAL SIDING
X-5 VERTICAL CORRUGATED METAL SIDING
X-6 STONE VENEER
L LIGHT FIXTURES



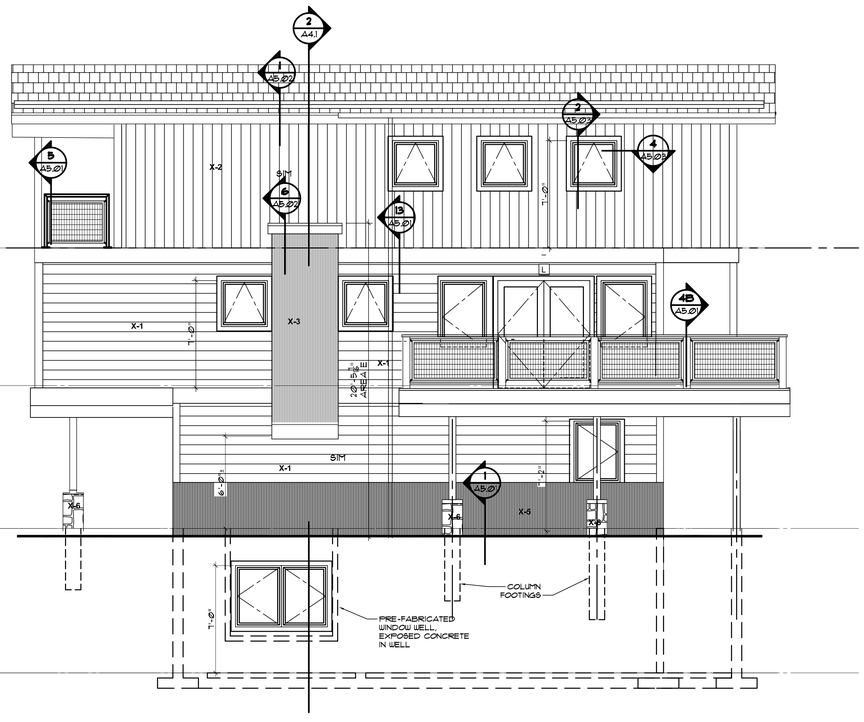
TYPICAL FRONT ELEVATION
4 A3.1



TYPICAL LEFT SIDE ELEVATION
2 A3.1



TYPICAL REAR ELEVATION
3 A3.1



TYPICAL RIGHT SIDE ELEVATION
1 A3.1

Roof Mark	Roof Area (SF)		Roof Area %		Avg Hgt (Ft)		Weighted Avg (Ft)	
A	925.00	/ by total	89.31	X	29.14	=	2602.54	
B	57.00	/ by total	5.50	X	9.75	=	53.66	
C	45.00	/ by total	4.34	X	26.96	=	117.14	
D	4.70	/ by total	0.45	X	22.04	=	10.00	
E	4.00	/ by total	0.39	X	20.45	=	7.90	
	1035.70		100.00		108.34		2791.24	27.91
								27' 11"

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Revisions:

Issue Dates:
20220509 Struct Coord
DRB-11/28/2023
CDs - 03/11/2024

Sheet Title:
Exterior Elevations

Project No:
2215

Sheet No:
A3.1



X-1
1 A3.1 LAP SIDING

SIMILAR TO DIAMOND KOTE LP
6" LAP SIDING
COLOR: ELKHORN



LAP SIDING EXAMPLE
MATERIAL EXAMPLE ONLY
NOT FOR COLOR



X-2
2 A3.1 VERTICAL SIDING

SIMILAR TO DIAMOND KOTE LP
VERTICAL GROOVED SIDING
COLOR:BORDEAUX

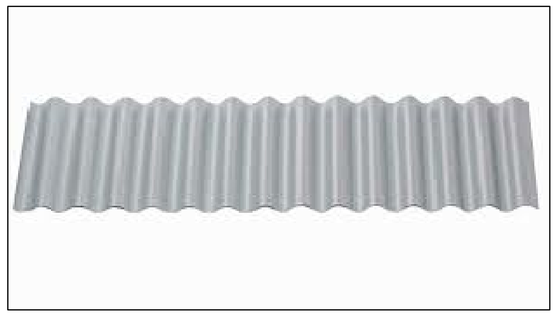


VERTICAL SIDING EXAMPLE
MATERIAL EXAMPLE ONLY
NOT FOR COLOR



R-1
1 A3.1 ROOFING

SIMILAR GAF DESIGNER SHINGLES
WOODLAND "CASTLEWOOD GRAY"



X-4
4-5 A3.1 HORIZONTAL CORRUGATED PANELS
X-5
VERTICAL CORRUGATED PANELS

SIMILAR TO WESTERN STATES METAL
ROOFING - GALVANIZED 7/8"
CORRUGATED PANELS



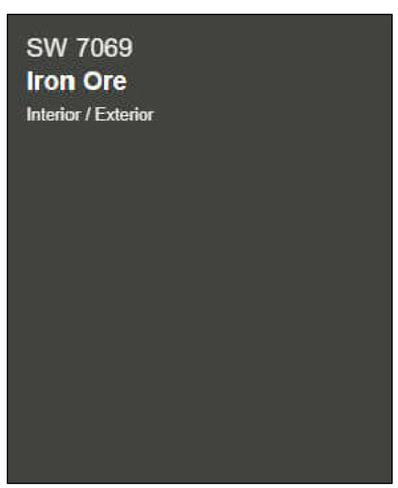
X-6
6 A3.1 STONE VENEER - THIN VENEER

SIMILAR TO GALLEGOS - #366
COURTLAND LOW RISE



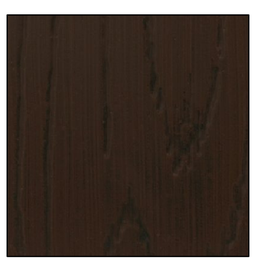
R-3
1B A3.1 ROOFING

SIMILAR WESTERN STATES
2" STANDING SEAM - 12" WIDTH
COLOR: GALVANIZED TO MATCH
CORRUGATED PANELS



PAINTED ITEMS:
SHERWIN WILLIAMS 7069 - IRON ORE
TRIM, WOOD BEAMS, GUTTERS AND
OTHER METALS





WINDOWS SIMILAR TO:
SIERRA PACIFIC "BLACK"
WOOD CLAD WINDOWS

8 A3.1 GARAGE DOOR

SIMILAR RAYNOR ST AUGUSTINE (PANEL
PATTERN)
TEXTURED PANELS
COLOR: WALNUT

GENERATION LIGHTING

8637401-12: Medium One Light Outdoor Wall Lantern



Dimensions:

Diameter:	12"	**Extends:**	17 1/8"
Width:	12"	**Extends Max:**	23 1/8"
Height:	10 5/8"	**Wire:**	6 1/2" (color/Black/White)
Weight:	1.8 lbs.	**Mounting Proc.:**	Cap Nuts
		Connection:	Mounted To Box

Bulbs:
1 - Medium A19 75w Max. 120v - Not included

Features:
- Dark sky friendly. Designed to emit no light above the 90° horizontal plane. Photometry unavailable.
- Easily converts to LED with optional replacement lamps
- Meets Title 24 energy efficiency standards
- Title 24 compliant if used with Joint Appendix (JA8) approved light bulbs listed in the California Energy Commission Appliance database.

Collection: Barn Light

Featured in the decorative Barn Light collection

1 A19 Medium 75 watt light bulb

Dark sky friendly. Designed to emit no light above the 90° horizontal plane. Photometry unavailable.

Easily converts to LED with optional replacement lamps

Meets Title 24 energy efficiency standards

UPC #:785652069352

Finish: Black (12)

Material List:
1 Body - Aluminum - Black

Safety Listing:
Safety Listed for Wet Locations

Instruction Sheets:
Trilingual (English, Spanish, and French) (990W8_37401-BRL)

Backplate / Canopy Details:

Type	Height / Length	Width	Depth	Diameter	Outlet Box Up	Outlet Box Down
Back Plate			1 1/4	5	4 1/8	6 1/2

Shipping Information:

Package Type	Product #	Quantity	UPC	Length	Width	Height	Cube	Weight	Frt. Class	UPS Ship
Individual	8537401EN3-12	1	785652069352	16.75	14.58	13.25	1.873	4.1	250	Yes
NJ Pallet		45		48	40	77	85.556	184		No
NV Pallet		40		48	40	77	85.556	160		No

9 A3.1 LIGHT FIXTURE

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Seal

Belden Place - Single Family
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Revisions:

Issue Dates:
2022030 Struct Coord
DRB-11/28/2022

Sheet Title:
Materials

Project No:
2215

Sheet No:
A3.2



TYPICAL FRONT ELEVATION
4 A3.1



TYPICAL LEFT SIDE ELEVATION
2 A3.1

RENDERINGS ARE FOR GENERAL UNDERSTANDING OF THE COLOR LOCATIONS. DETAILS MAY DIFFER FROM ELEVATIONS ON SHEET A3.1. IF THERE ARE DIFFERENCES A3.1 IS CORRECT.



TYPICAL REAR ELEVATION
3 A3.1



TYPICAL RIGHT SIDE ELEVATION
1 A3.1

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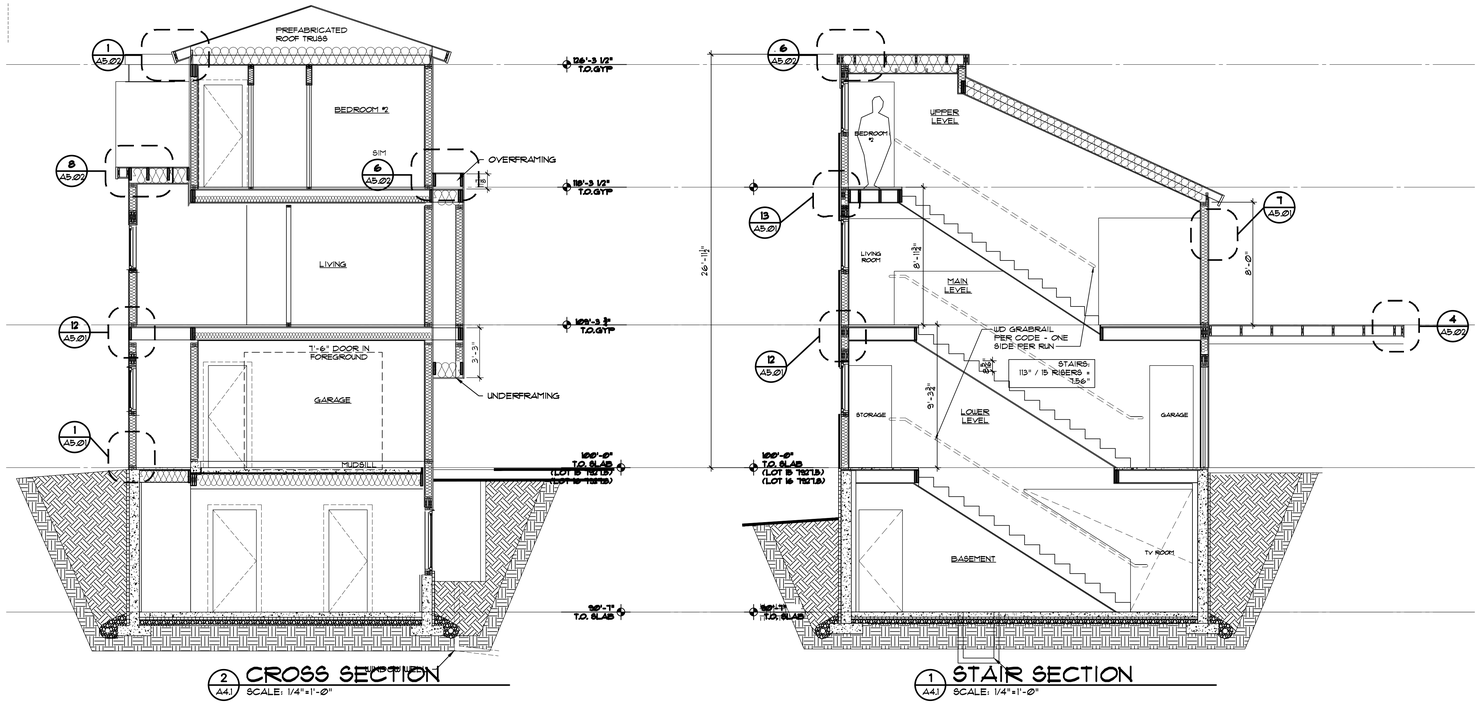
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Issue Dates:
20220509 Struct Coord
DRB-11/28/2023

Sheet Title:
Renderings

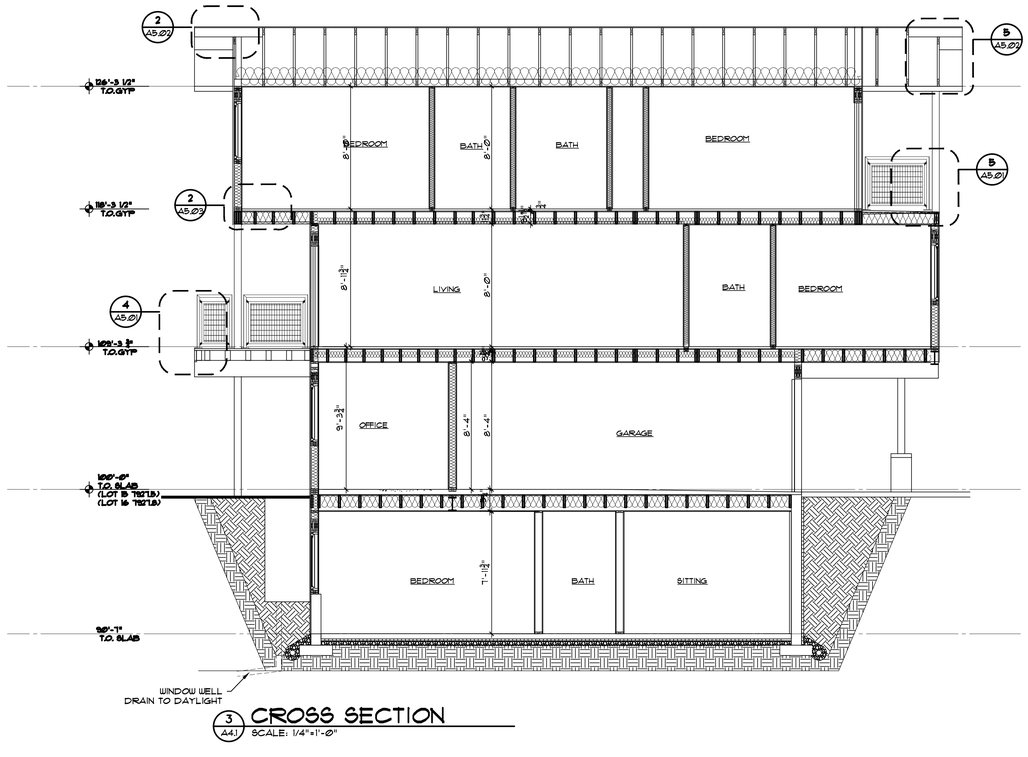
Project No:
2215

Sheet No:
A3.3



2 A4.1 CROSS SECTION
SCALE: 1/4"=1'-0"

1 A4.1 STAIR SECTION
SCALE: 1/4"=1'-0"



3 A4.1 CROSS SECTION
SCALE: 1/4"=1'-0"

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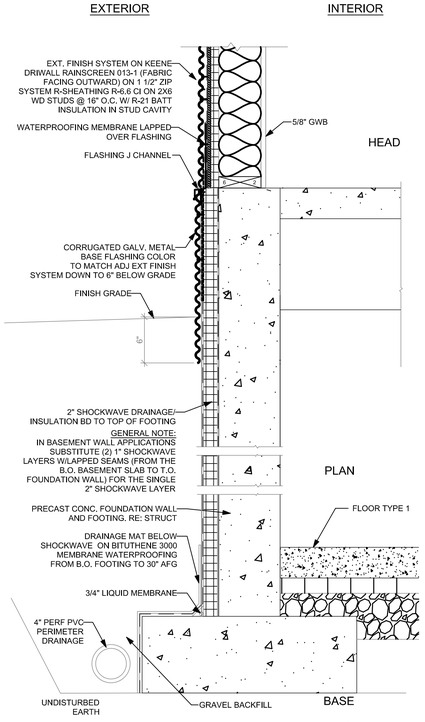
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20220509 Struct Coord
CDs - 08/15/2022

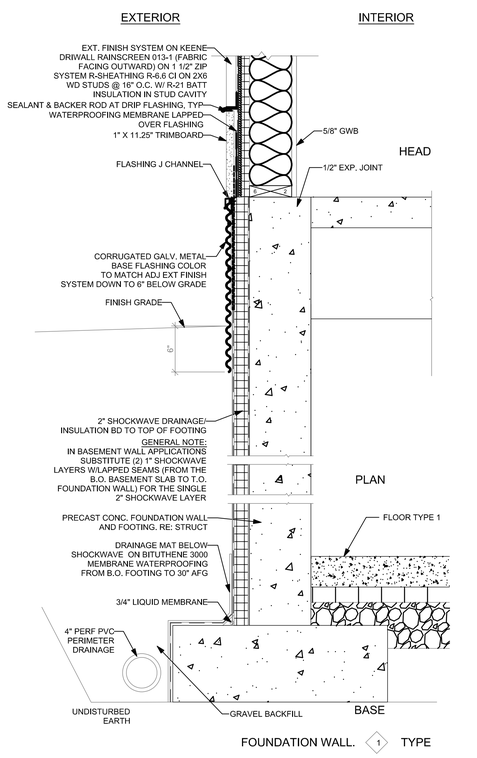
Sheet Title:
Building Sections

Project No:
2215

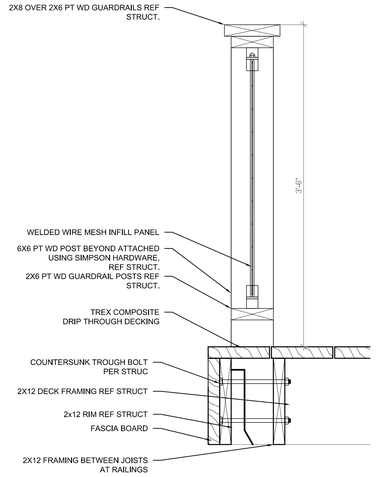
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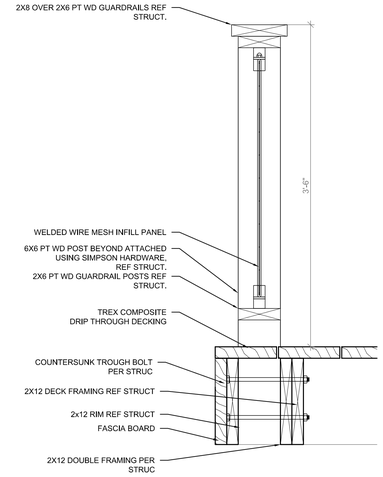
1 A5.01 SECTION DETAIL - CORRUGATED SIDING
SCALE: 3"=1'-0"



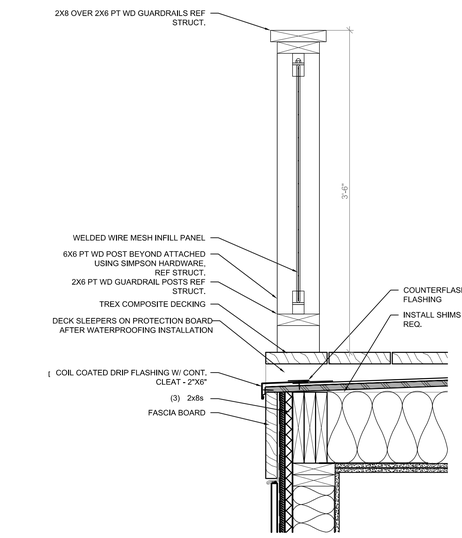
2 A5.01 SECTION DETAIL - WOOD SIDING
SCALE: 3"=1'-0"



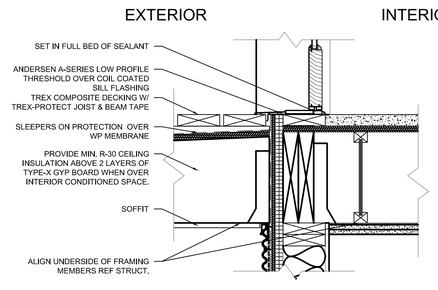
4A A5.01 DRIP THRU DECK RAILING
SCALE: 1 1/2"=1'-0"



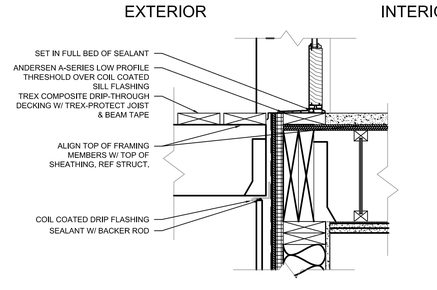
4B A5.01 DRIP THRU DECK RAILING
SCALE: 1 1/2"=1'-0"



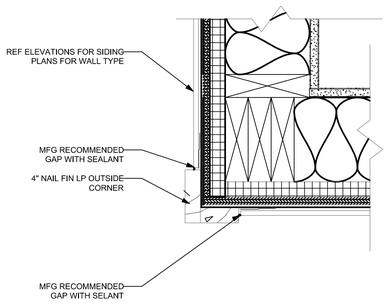
5 A5.01 WP DECK RAILING
SCALE: 1 1/2"=1'-0"



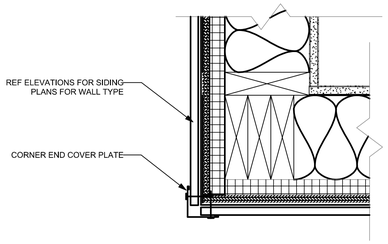
6 A5.01 SECTION DETAIL - W.W.M. GUARDRAIL
SCALE: 1 1/2"=1'-0"



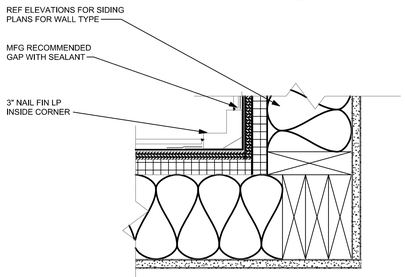
7 A5.01 SECTION DETAIL - W.W.M. GUARDRAIL
SCALE: 1 1/2"=1'-0"



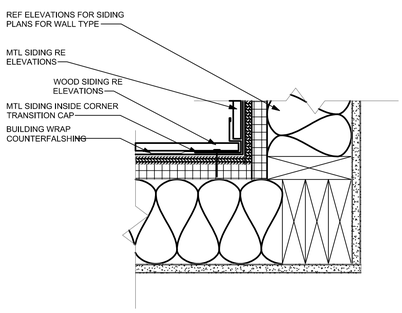
8 A5.01 PLAN DETAIL - CORNER TRIM
SCALE: 3"=1'-0"



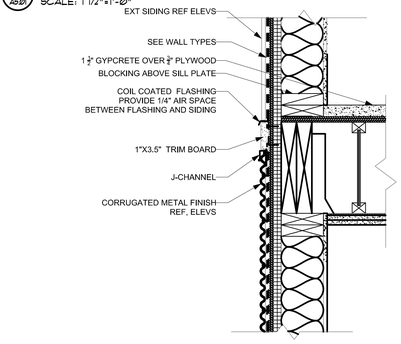
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SCALE: 3"=1'-0"



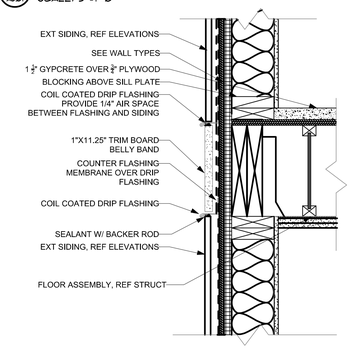
10 A5.01 PLAN DETAIL - CORNER TRIM
SCALE: 3"=1'-0"



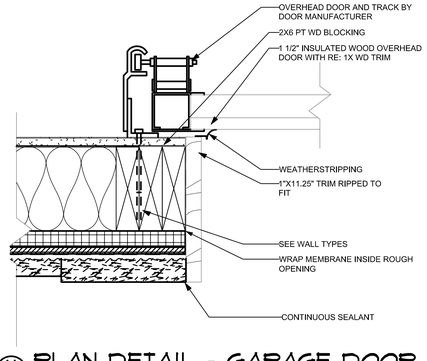
11 A5.01 INTERIOR CORNER TRIM
SCALE: 3"=1'-0"



12 A5.01 SECTION DETAIL - FLOOR TRANSITION
SCALE: 1 1/2"=1'-0"



13 A5.01 SECTION DETAIL - FLOOR TRANSITION
SCALE: 1 1/2"=1'-0"



14 A5.01 PLAN DETAIL - GARAGE DOOR
SCALE: 3"=1'-0"

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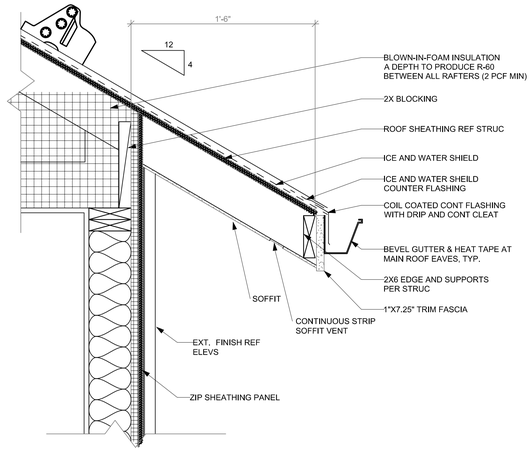
Revisions:

Issue Dates:
20220509 Struct Coord
DRB-11/28/2023

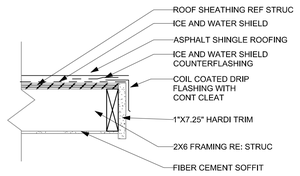
Sheet Title:
Details

Project No:
2215

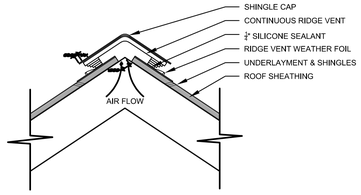
Sheet No:
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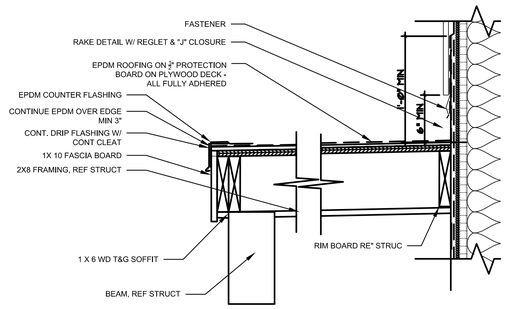
1 A5.01 **SECTION DETAIL - FASCIA**
SCALE: 1 1/2"=1'-0"



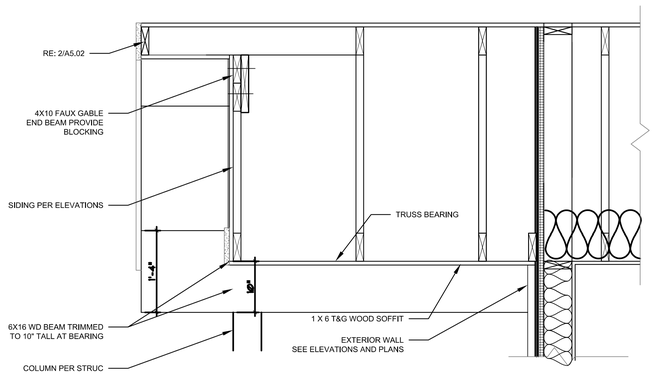
2 A5.01 **SECTION DETAIL - EAVE**
SCALE: 1 1/2"=1'-0"



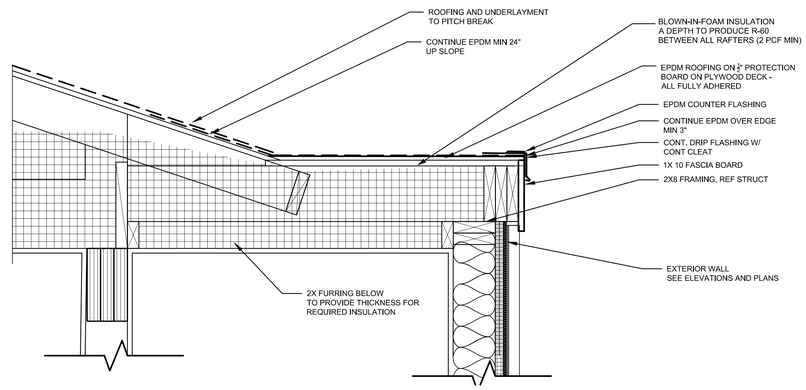
3 A5.01 **SECTION DETAIL - RIDGE**
SCALE: 1 1/2"=1'-0"



4 A5.01 **SECTION DETAIL - COVERED WALKWAY**
SCALE: 1 1/2"=1'-0"



5 A5.01 **SECTION DETAIL - GABLE END**
SCALE: 1"=1'-0"



6 A5.01 **STAIR ROOF - LOW SLOPE**
SCALE: 1 1/2"=1'-0"

TAB Associates
The Architectural Balance
0056 Edwards Village Blvd.
Edwards, CO 81632
(970) 766-1470
fax: (970) 766-1471
email: tab@vail.net
www.tabassociates.com
Civil Engineer:
Timberline Engineering
(970) 963 9869
Structural Engineer:
KRM Consultants, Inc,
(970) 949-9391

Seal

Belden Place - Single Family
Lot 15 - 0015 Beldan Way
Mintum, Colorado 81645

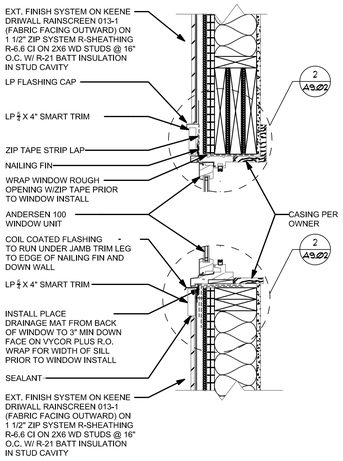
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Issue Dates:
20220509 Struct Coord
DRB-11/28/2022

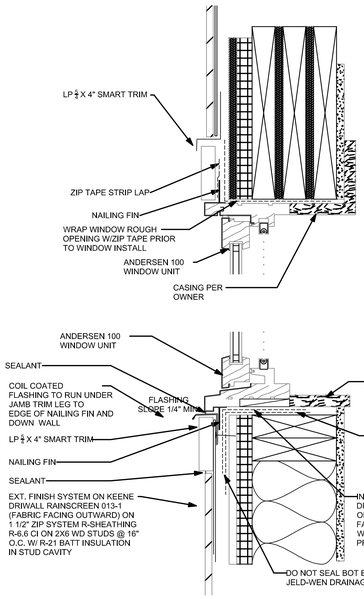
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Details

Project No:
2215

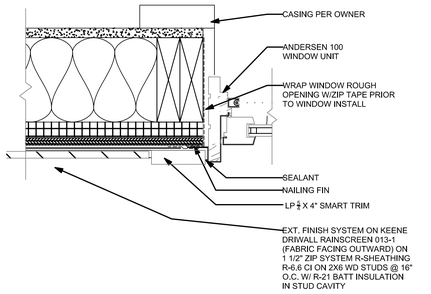
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A5.2



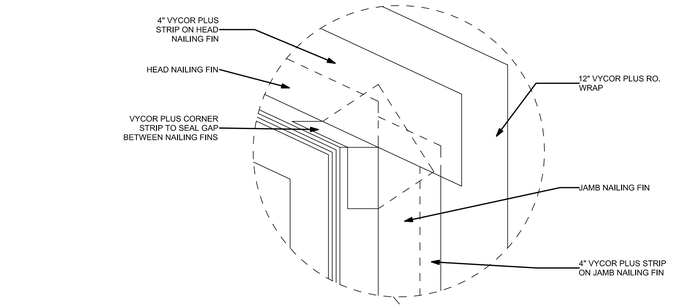
2 A5.03 WINDOW DETAIL - HEAD/SILL
SCALE: 1 1/2"=1'-0"

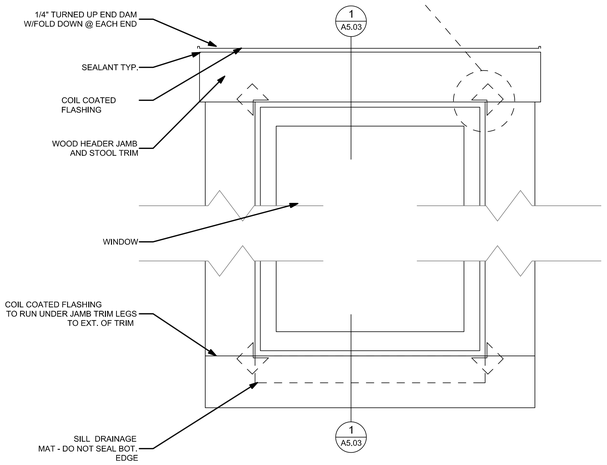


3 A5.03 WINDOW DETAIL - HEAD/SILL
SCALE: 3"=1'-0"



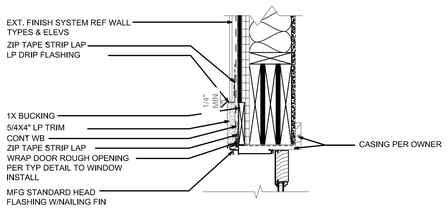
4 A5.03 WINDOW DETAIL - JAMB
SCALE: 3"=1'-0"



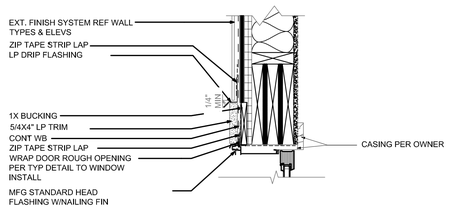


1 A5.03 WINDOW DETAIL - FLASHING
SCALE: 1 1/2"=1'-0"

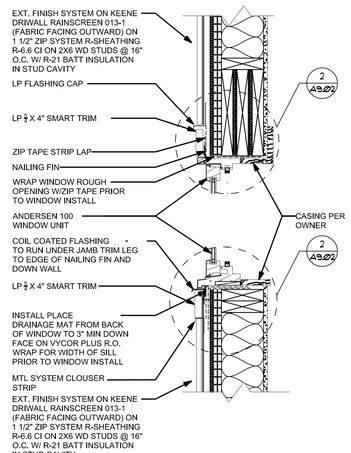
EXTERIOR INTERIOR



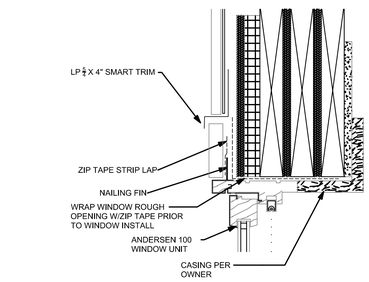
EXTERIOR INTERIOR



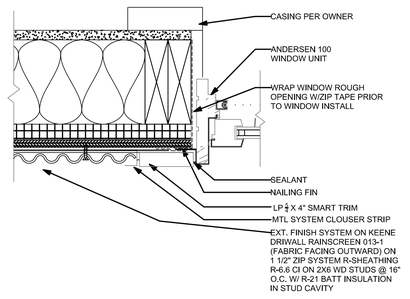
5 A5.03 DOOR DETAIL - INSWING HEAD TYP.
SCALE: 1 1/2"=1'-0"



7 A5.03 WINDOW DETAIL - HEAD/SILL
SCALE: 1 1/2"=1'-0"



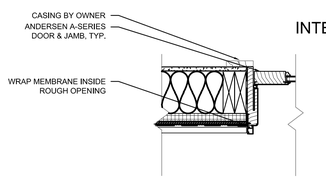
8 A5.03 WINDOW DETAIL - HEAD/SILL
SCALE: 3"=1'-0"



9 A5.03 WINDOW DETAIL - JAMB
SCALE: 3"=1'-0"

10 A5.03 DOOR DETAIL - INSWING HEAD TYP.
SCALE: 1 1/2"=1'-0"

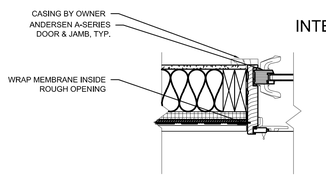
INTERIOR



EXTERIOR

11 A5.03 DOOR DETAIL - INSWING JAMB, TYP.
SCALE: 1 1/2"=1'-0"

INTERIOR



EXTERIOR

12 A5.03 DOOR DETAIL - SLIDER JAMB, TYP.
SCALE: 1 1/2"=1'-0"

TAB Associates
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Edwards, CO 81632
(970) 766-1470
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www.tabassociates.com
Civil Engineer:
Timberline Engineering
(970) 963 9869
Structural Engineer:
KRM Consultants, Inc,
(970) 949-9391

Seal

Belden Place - Single Family
Lot 15 - 0015 Belden Way
Mintum, Colorado 81645

Revisions:

Issue Dates:
2022SDS Struct Coord
DRB-11/28/2022

Sheet Title:
Details

Project No:
2215

Sheet No:
A5.3

Inter-Mountain ENGINEERING
Civil Engineers & Surveyors

September 18, 2024

Madison Harris
Town of Minturn Planner
PO Box 309
Minturn, CO 81645

Re: 0015 Belden Way
Lot 15, Belden Place PUD
DRB Resubmittal Review
Project No. 24-0001

Dear Madison:

We reviewed the plans entitled *"Belden Place; Lot 15 – 0015 Beldan (sp) Way, Minturn Colorado"* prepared September 13, 2024, by TAB Associates (Plans) included in the DRB application for Lot 33, Minturn North PUD. Our review was for compliance with the engineering requirements of Section 16-21-615: Design Review applications of the Minturn Municipal Code (MMC).

General:

1. The plans should be spell checked – Beldan should be Belden
2. Several plan sheets are titled Unit 16 – they should be revised to reference Unit 15.

MMC Section 16-21-615 Section C:

Section (C) (2) Boundary Survey:

Paragraphs a through e:

~~Sheet 3 of 5 of the *"Final Plat: Belden Place PUD"* has been included as the Boundary Survey. The entire recorded Plat for Belden Place (5 sheets) should be included in the submittal. This plat and associated title commitment were reviewed by the Town and if included, suitable as the Boundary Survey for this application.~~ . **Resolved**. A note was added to Sheet 3 of 5 incorporating the complete "*Final Plat, Beden Place PUD*" by reference as part of the Application. The Plat and associated title commitment were reviewed by the Town and fulfill the requirements as the Boundary Survey for this application.

Paragraphs f through l:

~~Sheets C.110 and C.111 of the *"Belden Place PUD – Final Plan Submittal"* prepared by Timberline Engineering have been included in the application. Sheets C.200 (Overall Utility Plan) and Sheet C.300 (Grading and Drainage Plan) should also be included to reflect the~~

Madison Harris
Re: 0015 Belden Way
Lot 15, Belden Plane PUD
DRB Resubmittal Review
Project No. 24-0001

~~basis for design and fulfill the requirements of Paragraphs f through i~~. **Resolved.** A note was added to Sheet C.111 incorporating the complete "*Belden Place PUD – Final Plan Submittal*" by reference a part of the Application. These plans are the basis of the design and fulfil the requirements of paragraph f through i.

Section (C) (3) Site Plan:

Sheet C.1 of the Plans "Belden Place – Unit 15 Single Family Residence" prepared by Timberline Engineering (not dated) presents the proposed site plan. The following elements from the MMC should be added:

a. ~~The Site Plan should show dimensioned property lines, easements, setbacks and include dimensions locating the building~~. **Resolved**. Sheet C1 of the Plans *"Belden Place – Unit 16 Single Family Residence"* prepared by Timberline Engineering (dated September 17, 2024) has been revised to provide the required information
b. ~~The building appears to encroach into the side setback~~. **Resolved**. The PUD Guide allows stairs to encroach into the setback.
c. Sheet A3.1 provides Building height information for Planning Staff review.

Section (C) (4) Grading & Drainage Plan:

Sheet C.1 of the Plans "*Belden Place – Unit 15 Single Family Residence"* prepared by Timberline Engineering (not dated) presents the proposed site grading. The following elements from the MMC should be added:

~~a. Existing and proposed contour lines.~~
~~e. Temporary and permanent erosion controls specific to Lot 15.~~

Resolved. Sheets C1 and C2 of the Plans *"Belden Place – Unit 15 Single Family Residence"* prepared by Timberline Engineering (dated September 17,2024) have been revised to provide the required information.

Review by Inter-Mountain Engineering is for general conformance with Minturn Municipal Code requirements and is not a peer review. Review by Inter-Mountain Engineering in no way relieves any responsibilities of design professionals associated with the project. Please feel free to contact us if you have additional questions.

Respectfully,
Inter-Mountain Engineering (Town Engineer)



Jeffery M. Spanel PE

CC: Scot Hunn, Arnold Martinez

To: Mayor and Council

From: Jay Brunvand

Date: October 16, 2023

Agenda Item: El Fraile llc, DBA The Mexican Bar and Grill

REQUEST:
Staff is requesting Council to review and approve the attached annual renewal of a Hotel and Restaurant Liquor License for El Fraile llc, DBA The Mexican Bar and Grill located at 160 Railroad Ave.

INTRODUCTION:
This establishment has an existing H&R License and this is the annual renewal and staff is requesting approval through the Consent Agenda.

ANALYSIS:
Not Applicable

COMMUNITY INPUT:
Not Applicable

BUDGET / STAFF IMPACT:
The applicant has submitted the required fee of $125.00.

STRATEGIC PLAN ALIGNMENT:
In accordance with Strategy #4 the Town will advance decisions/projects/initiatives that expand future opportunity and viability for Minturn. Both as an employer and a sales tax contributor these businesses each help further Minturn.

RECOMMENDED ACTION OR PROPOSED MOTION:
This item is approved through the Consent agenda and no separate motion is required.

ATTACHMENTS:
- Application and supporting documentation for the license renewal.

DR 8400 (08/23/24)
COLORADO DEPARTMENT OF REVENUE
Liquor Enforcement Division
PO BOX 17087
Denver CO 80217-0087
(303) 205-2300

Submit to Local Licensing Authority

Fees Due	
Annual Renewal Application Fee	$ 250
Renewal Fee	600
Storage Permit $100 X _____	$
Sidewalk Service Area $75.00	$
Additional Optional Premises Hotel & Restaurant $100 X _____	$
Related Facility - Campus Liquor Complex $160.00 per facility	$
Amount Due/Paid	$ 850-

Make check payable to: Colorado Department of Revenue. The State may convert your check to a one-time electronic banking transaction. Your bank account may be debited as early as the same day received by the State. If converted, your check will not be returned. If your check is rejected due to insufficient or uncollected funds, the Department may collect the payment amount directly from your banking account electronically.

Retail Liquor License Renewal Application

Please verify & update all information below. Return to city or county licensing authority by due date.

Note that the Division will not accept cash. ☒ Paid by check ☐ Paid online

Uploaded to MoveIt on Date:

Licensee Name: El Fraile LLC

Doing Business As Name (DBA):

Liquor License Number: 03-15254

License Type: Hotel & Restaurant

Sales Tax License Number: [redacted]

Expiration Date: October 28 2024

Due Date:

Business Address

Street Address: 160 Railroad Ave

Phone Number: 970-470-4309

City: Minturn

State: CO

ZIP Code: 81645

Mailing Address

Street Address: Po box 1415

City: Minturn

State: CO

ZIP Code: 81645

Email: Themexicanbg@gmail.com

Operating Manager: Juan Estrada

Date of Birth: 09-28-1983

Home Address

Street Address: 160 Railroad Ave Apt #13

Phone Number: 970-409-2568

City: Minturn

State: CO

ZIP Code: 81645

1. Do you have legal possession of the premises at the street address? ..... ◯ Yes ◉ No

   Are the premises owned or rented? ◯ Owned ◉ Rented*

   *If rented, expiration date of lease: September 2026

2. Are you renewing a storage permit, additional optional premises, sidewalk service area, or related facility? ..... ◯ Yes ◉ No

   If yes, please see the table in the upper right hand corner and include all fees due.

3. Are you renewing a takeout and/or delivery permit? ..... ◯ Yes ◉ No

   (**Note:** must hold a qualifying license type and be authorized for takeout and/or delivery license privileges)

   If selecting 'Yes', an additional $11.00 is required to renew the permit.

   If so, which are you renewing? ..... ◯ Delivery ◯ Takeout ◯ Both Takeout and Delivery

4. Since the date of filing of the last application, has the applicant, including its manager, partners, officer, directors, stockholders, members (LLC), managing members (LLC), or any other person with a 10% or greater financial interest in the applicant, been found in final order of a tax agency to be delinquent in the payment of any state or local taxes, penalties, or interest related to a business? .... ◯ Yes ◉ No

   Since the date of filing of the last application, has the applicant, including its manager, partners, officer, directors, stockholders, members (LLC), managing members (LLC), or any other person with a 10% or greater financial interest in the applicant failed to pay any fees or surcharges imposed pursuant to section 44-3-503, C.R.S.? ..... ◯ Yes ◉ No

5. Since the date of filing of the last application, has there been any change in financial interest (new notes, loans, owners, etc.) or organizational structure (addition or deletion of officers, directors, managing members or general partners)? ..... ◯ Yes ◉ No

   If yes, explain in detail and attach a listing of all liquor businesses in which these new lenders, owners (other than licensed financial institutions), officers, directors, managing members, or general partners are materially interested.

6. Since the date of filing of the last application, has the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) been convicted of a crime? ○ Yes ☒ No

If yes, attach a detailed explanation.

---

7. Since the date of filing of the last application, has the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) been denied an alcohol beverage license, had an alcohol beverage license suspended or revoked, or had interest in any entity that had an alcohol beverage license denied, suspended or revoked? ○ Yes ☒ No

If yes, attach a detailed explanation.

---

8. Does the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) have a direct or indirect interest in any other Colorado liquor license, including loans to or from any licensee or interest in a loan to any licensee? ○ Yes ☒ No

If yes, attach a detailed explanation.

---

9. I would like to apply for a Two-Year Renewal ☑ Yes ○ No

Affirmation & Consent

I declare under penalty of perjury in the second degree that this application and all attachments are true, correct and complete to the best of my knowledge.

Type or Print Name of Applicant/Authorized Agent of Business

Juan Estrada

Title

Owner

Signature

Juan Estrada

Date (MM/DD/YY)

Oct-01-2024

Report & Approval of City or County Licensing Authority

The foregoing application has been examined and the premises, business conducted and character of the applicant are satisfactory, and we do hereby report that such license, if granted, will comply with the provisions of Title 44, Articles 4 and 3, C.R.S., and Liquor Rules.

Therefore this application is approved.

Local Licensing Authority For

Title	Attest

Signature	Date (MM/DD/YY)

Local Licensing Authority Approves this license for a two-year renewal..... ◯ Yes ◯ No

If "No", please cite the law, regulation, local ordinance or resolution that gives the local licensing authority the ability to deny the applicant and grounds for denial. Also, please provide any and all investigative reports, and administrative or criminal action that relate or justify this denial.

Proof of Violation

To: Minturn Town Council
From: Michelle Metteer
Date: October 16, 2024
RE: Town Manager Update

Main Street Speed Limit Enforcement

Minturn continues to look for ways to improve the infrastructure on Main Street toward a corridor that naturally facilitates slower vehicular speeds. The bulb out infrastructure, in its presented form, was not conducive to Main Street businesses or parking in general, so all bulb outs have been removed and residents trying to enter Main Street from any side street are back to inching out onto Main Street from a side street, remaining hopeful not to be T-boned in the process. Complicating matters are Main Street drivers who speed.

One potential option for addressing speeding drivers on Main Street is the Local Agency Automated Vehicle Identification System (AVIS) program. I have included information on the VIS program as part of the Manager's report, but to summarize, the Town would work with CDOT and State Highway Patrol for approval to designate Main Street/HWY 24 as an AVI corridor which would require an Ordinance or Resolution of the Council. Upon approval, Minturn would work with CDOT for the implementation of the automated speed enforcement. Additionally, Minturn would secure a contract with a third-party vendor to manage the ticketing system. See the information flyer included for more information.

Water Fluoride Potable Water Additive

Not routinely, but has occurred, the State of Colorado inquires if Minturn's is interested in adding fluoride to our potable water system. I have rejected this concept but want to pass this along to the Council in the event I am not on the same page with the direct the leadership team would like to go regarding additives to the Town's potable water system. Please advise if Council feels otherwise and this can be added as a future Discussion/Direction agenda item.

Membrane Water treatment Plant Grant Funding

A review of all potential water treatment plant infrastructure grant applications by Sustainable Strategies has been submitted to the Town. Minturn has applied for one of the Bureau of Reclamation grants identified in the report and the grant application is included with this update for your review. The grant request is for $3M toward membrane water treatment plant construction. The Town should have the application results by March of 2025.

Minturn North Updates

I met with the construction team this week to discuss the Minturn North Fall project schedule and next steps. We covered the following topics:

- **Security fence & Snow Removal Plan**: Taylor St residents already ignore the current restrictions and walk through the opening of the fence at the 4th Street intersection creating a very dangerous situation whereby the public and large machinery are coming into conflict. I say this to indicate that it's unlikely Taylor residents will voluntarily follow any requests to stay out of the construction area and with massive holes in the project now, the fence will need to remain over the winter season. I am working with public works on the snow removal plan for Taylor St which I expect will include the purchasing of a second large blade for the front loader Michael Martinez operates. This is a $75k cost that will come out of the capital improvements line-item budget and was a long-term purchase needing to be made. I expect this purchase in the 2024 budget in preparation for this snow season.
- **Minturn Rd paving** – We have continued to wait on utility work in the road prior to paving the southern portion of Minturn Road. We are still waiting for Xcel Energy and Comcast. With this in

mind, direction has been given to pave in the spring of 2025. This includes the remainder of the county-paid portion of the ECO Trail.

Local Agency Automated Vehicle Identification System (AVIS - CRS 42-4-110.5) Corridor Procedure for State and US Highways

Also referred to as Speed Safety Camera Corridors by FHWA

Release Version: September 2024 (9/30/2024)

Colorado Revised Statute 42-4-110.5 identifies automated vehicle identification systems (AVIS) as a statewide concern and an area where uniform state standards are necessary. This document serves as the Colorado Department of Transportation's (CDOT's) procedure for implementing AVIS for increased law enforcement by local agency jurisdictions on state or US highways.

Definitions:

- AVIS is a Colorado legal term for automated speed photo enforcement that also is synonymous with Speed Safety Cameras as used by the Federal Highway Administration (FHWA). (https://highways.dot.gov/safety/proven-safety-countermeasures)
- An AVIS is, as defined by C.R.S. 42-4-110.5, an automated vehicle identification (AVI) system; a machine used to automatically detect a violation of traffic regulations and simultaneously record a photograph of the vehicle and the license plate of the vehicle.
- An AVIS is a temporary, mobile, or permanent system used to detect speeding violations within a highway maintenance, repair, construction zone, school zone, next to a park, or within an AVI Corridor.
- An AVI Corridor is a designated street or portion of a street that a county or municipality, by ordinance or by a resolution of its governing body, defines as an AVI Corridor on which an AVI system may be located to detect violations of a county or municipal traffic regulation or a traffic violation under state law, specifically for speed violations.

Local agencies shall coordinate with CDOT to implement automated speed enforcement as designated by local agency ordinance per the current Model Traffic Code for all areas along state and US highways. Eligible areas for automated speed enforcement include:

- School zones;
- maintenance, repair or, work zones;
- by municipal parks; or
- within AVI corridors.

AVI Corridors must be approved by CDOT and Colorado State Patrol (CSP) per CRS 2-4-110.5.

Section 1: Overview of AVI Corridor Application (Appendix A):

Instructions and the application forms for a request for an AVI Corridor or multiple AVI Corridors on the state and US highways are available from your CDOT Region Traffic Office or on the CDOT Speed Management Website: https://www.codot.gov/safety/traffic-safety/operations/speed-management-program.



Local Agencies interested in implementing AVI Corridors on state or US highway facilities must complete the following steps:

1. Contact the CDOT Region Traffic Engineer, per Appendix B below, to coordinate with CDOT, CSP, and Local Agency Law Enforcement.
2. Review the AVIS application attached in Appendix A and gather the required data for a complete application.
3. Submit an AVIS application with complete checklists, required data, and the signatures of authorized city, town, or county officials, a CSP representative, a CDOT Region Traffic Engineer, and the CDOT State Traffic Engineer. CDOT will take care of the coordination with state agencies for approval.
4. Submit a CDOT special use permit request with the regional permit manager after approval of the AVIS application, if needed. A CDOT Special Use Permit is required unless another signed agreement (Senate Bill 8, Maintenance Agreement, Intergovernmental Agreement, etc.) specifically allows installation of new signs or cameras on state and US highways.

Once CDOT receives an AVI Corridor application, the Region, HQ, and CSP will review the application to confirm that an AVI Corridor is warranted. The review process will include review of the application for completeness, review of the special use permit application, and identifying other AVI Corridors that may overlap with other automated license plate reader systems including school zones, work zones, and radar speed feedback systems. This justification is crucial to ensure that AVI Corridors and AVIS units are implemented for safety and speeding reduction, not revenue generation.

Additional Guidelines:

- Local agency AVIS infrastructure cannot be installed on CDOT infrastructure or structures unless there is a signed agreement (Senate Bill 8, Maintenance Agreement, Intergovernmental Agreement, etc.) specifically allowing installation.
- A local agency cannot start the implementation of an AVI Corridor or deploy speed safety cameras on state and US highways until both the AVIS application and the special use permit are approved.
- Should operational, safety, or AVIS compliance issues arise from the AVI Corridor, the CDOT Region Traffic Engineer reserves the right to remove all equipment at the expense of the local agency within CDOT Right-Of-Way.
- Local Agencies are required to cover all ongoing costs of their AVIS implementations.

Please address any questions regarding these guidelines to the CDOT Region Traffic Engineer.

Appendix A: AVIS Corridor Implementation Application

Local Agency Contact Information:

(Please type or print all information except the signature of the representative authorized to sign for the town, city, or county)

Local Agency Name: _____

Local Agency Authorized Representative: _____

Local Agency Address: _____

Local Agency Website: _____

Representative Phone Number: _____

Representative Email: _____

Signature of the Local Agency Authorized Representative

_____

AVI Corridor Location: CDOT Region: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

AVI Corridor Request Checklist:

- **Notify CDOT by contacting the Region Traffic Engineer.**
- **Pass an AVI Corridor Ordinance or Resolution.**
- **Fill out and sign the AVI Corridor Application (include the ordinance/resolution).**
- **Prepare AVI Corridor Data Package.**
- **Submit the AVI Corridor application and Data to the Region Traffic Engineer. CDOT will coordinate with the State Traffic Engineer and CSP for application approval.**
- **Submit a Special Use Permit to the Region Permit Office, if required.**

If approved, the local agency is required to:

1. Continue coordination with all impacted law enforcement agencies and CDOT so implementations and changes to corridors can be made public.

2. Obtain any required electrical power service for permanent AVIS deployments. Local agencies are responsible for all ongoing costs associated with electrical power service.

3. Install CDOT standard traffic signs for AVI Corridors at appropriate locations and distances from AVIS (Speed Safety Cameras).

4. Track and post citation and revenue data on the local agency website by February 1st of the following year that the AVI Corridor has been in operation.

Roadway Information: *OTIS Link: https://dtdapps.coloradodot.info/otis

1. **Highway: _____ Mile Marker Start: _____ Mile Marker End: _____ Roadway Direction: _____**
2. **Highway: _____ Mile Marker Start:_____ Mile Marker End:_____ Roadway Direction: _____**
3. **Highway: _____ Mile Marker Start:_____ Mile Marker End: _____ Roadway Direction: _____**
4. **Highway: _____ Mile Marker Start:_____ Mile Marker End: _____ Roadway Direction: _____**

Application Required Documents:

☐ A copy of the approved Ordinance or Resolution for the designation of speed enforcement or an AVI Corridor on state or US highway that adheres to all current C.R.S. § 42-4-110.5 requirements, and any CDOT AVI Corridor rules (unless an AVI Corridor exists or is planned by ordinance pre-January 1st, 2025). Local agencies should plan for future revisions to their ordinance or resolution if state laws change.

- Per C.R.S. § 42-4-110.5, a data package in an easy-to-review PDF or Microsoft Excel format includes **one or more** of the following datasets gathered in the past five years.
  - ☐ Minimum three (3) years of recent corridor-related crash data before the date of request (included in data package);
  - ☐ Minimum of three (3) years of Citation Data for reckless and/or speeding (included in data package);
  - ☐ Minimum of three (3) years of record of Citizen Complaints (dates, milepost location, etc.) (included in data package); and/or
  - ☐ Results of at least one week of Speed Compliance Data gathered within the six (6) months before the date of AVI Corridor application submission to CDOT (included in data package).

- A written operations and maintenance plan that includes compliance with relevant requirements in C.R.S. 42-4-110.5 that include but are not limited to:
  - ☐ A plan for warning and citation administration, including hearings, adjudications, appeals, etc., including the beginning and ending of the warning period and the date when citations will start to be issued. Please note the requirements for notification and payment deadlines for citations in 42-4-110.5 to ensure your ordinances comply.
  - ☐ A visual representation of the location of the speed enforcement locations or AVI Corridor that includes the mile markers, proposed speed enforcement system locations, sign locations (is not fewer than 200’ and not more than 500’ from each camera location and 300’ or less before the start of AVI Corridor), and with lettering that is at least four (4) inches for uppercase letters and two and nine-tenths inches high for lower case letters. All AVIS systems that also detect disobedience to a traffic control signal, another violation of Article 4, or a local traffic ordinance shall not be used unless the state, county, city, and county, or municipality using such system conspicuously posts a sign notifying the public that an AVIS is in use immediately ahead. See *Appendix B* of this document for sign standards for use on state or US highways.
  - ☐ A plan for the public outreach campaign that includes a public announcement on the county or municipal website at least thirty (30) days before the implementation of the speed enforcement warning period.
  - ☐ A schedule showing the thirty (30) day website announcement, thirty (30) days warning notice period, and the start of the violation period.
  - ☐ Scheduled dates for publishing reporting on the local agency website disclosing the number of citations, crash data, and revenue generated by the AVI Corridor, and use of the revenue.
  - ☐ Evidence that submitted plan complies with all requirements of an approved Special Use Permit for any permanent sign or camera locations.
  - ☐ Commitment, by way of signed letter of support from the town, city, or county, to continue coordination with all impacted law enforcement agencies and CDOT.
  - ☐ Evidence that a Special Permit application was submitted to the Region Permit Office, if required. A CDOT Special Use Permit is required unless there is another signed agreement (Senate Bill 8, Maintenance Agreement, Intergovernmental Agreement, etc.) specifically allowing installation of new signs or cameras on state and US highways.

CSP AND CDOT Approval Section:

Per Colorado Revised Statutes 42-4-110.5, the designation and operation of automated vehicle identification systems (AVIS) Corridors require CDOT and CSP approval.

CDOT Region Review and Approval **Date:**_____

CDOT Approving Region and Representative: _____

CDOT Region Traffic Engineer Signature: _____

Approved: ☐ Not-Approved: ☐

Justification Section:

CDOT HQ Review and Approval **Date:**_____

CDOT State Traffic Representative: _____

CDOT State Traffic Engineering Signature: _____

Approved: ☐ Not-Approved: ☐

Justification Section:

CSP Review and Approval **Date:**_____

CSP Representative: _____

CSP Signature: _____

Approved: ☐ Not-Approved: ☐

Justification Section:

Appendix B: Speed Safety Camera (AVIS) Resources

Part I: CDOT Region and Headquarters Resources

CDOT Traffic Engineer Office Contacts:

Region 1:
Alazar Tesfaye, P.E.
2829 W Howard Pl., Denver, CO 80204
Ph: 303-365-7318
Email: Alazar.Tesfaye@state.co.us

Region 2:
Jason Nelson, P.E.
5615 Wills Blvd., Pueblo, CO 81008
Ph: 719-546-5411
Email: Jason.Nelson@state.co.us

Region 3:
Zane Znamenacek, P.E.
222 South 6th St., Room 100, Grand Junction, CO 81501
Ph: 970-683-6275
Email: Zane.Znamenacek@state.co.us

Region 4:
Katrina Kloberdanz, P.E.
10601 W. 10th St., Greeley, CO 80634
Ph: 970-302-6724
Email: Katrina.Kloberdanz@state.co.us

Region 5:
Jennifer Allison, P.E.
3803 N. Main Ave., Suite 100, Durango, CO 81301
Ph: 970-385-1449
Email: Jennifer.Allison@state.co.us

CDOT Traffic Safety and Engineering Services

State Traffic Engineer
San Lee, P.E.
2829 W Howard Pl., Denver, CO 80204
Ph: 303-757-9345
Email: San.Lee@state.co.us

AVIS Program Manager
Benjamin Acimovic, P.E.
2829 W Howard Pl., Denver, CO 80204
Ph: 720-951-6151
Email: Benjamin.Acimovic@state.co.us

CDOT Utility Permit Program Office Contacts:

Region 1:
Jacquelyn Jobe
2829 W Howard Pl., Denver, CO 80204
Ph: 303-512-4272
Email: Jacquelyn.Jobe@state.co.us

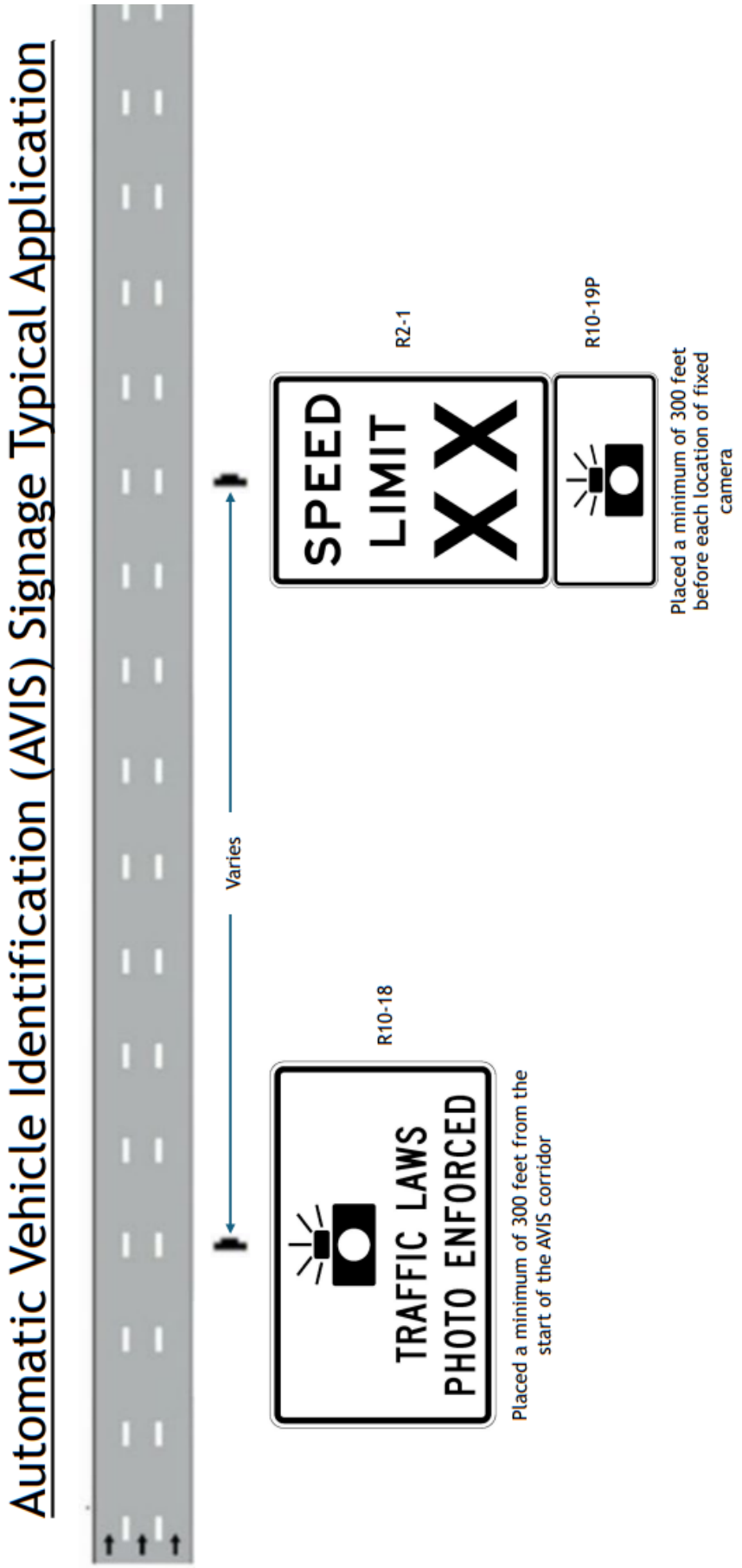
Region 2:
Adam Lancaster
5615 Wills Blvd., Pueblo, CO 81008
Ph: 719-562-554
Email: adam.lancaster@state.co.us

Region 3:
Joel Berschauer
222 South 6th St., Room 100, Grand Junction, CO 81501
Ph: 970-683-6288
Email: joel.berschauer@state.co.us

Region 4:
Dustin Steelman
10601 W. 10th St., Greeley, CO 80634
Ph: 970-373-7736
Email: dustin.steelman@state.co.us

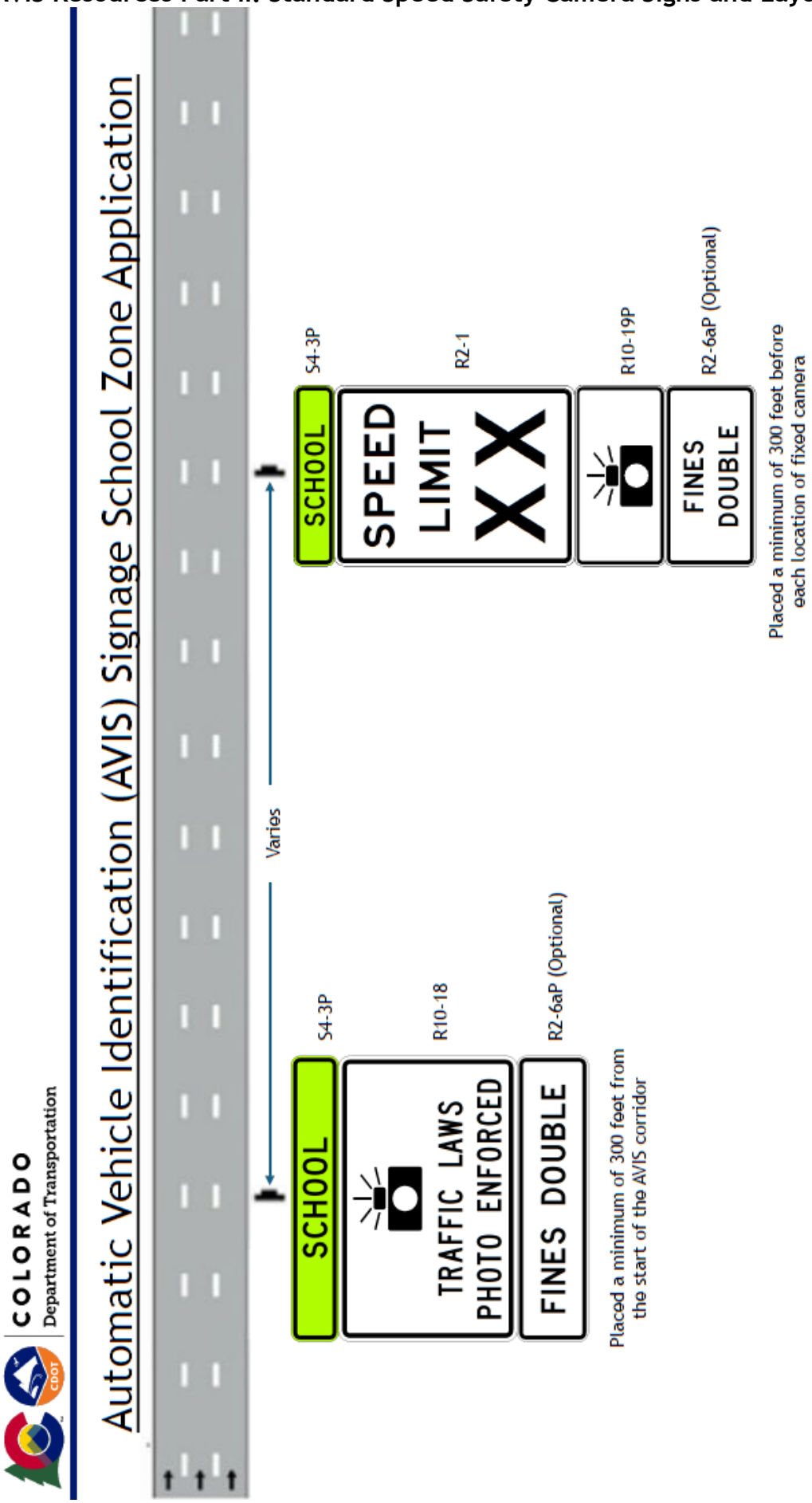
Region 5:
Randee Reider
3803 N. Main Ave., Suite 100, Durango, CO 81301
Ph: 970-385-8361
Email: randee.reider@state.co.us

AVIS Resources Part II: Standard Speed Safety Camera Signs and Layouts:



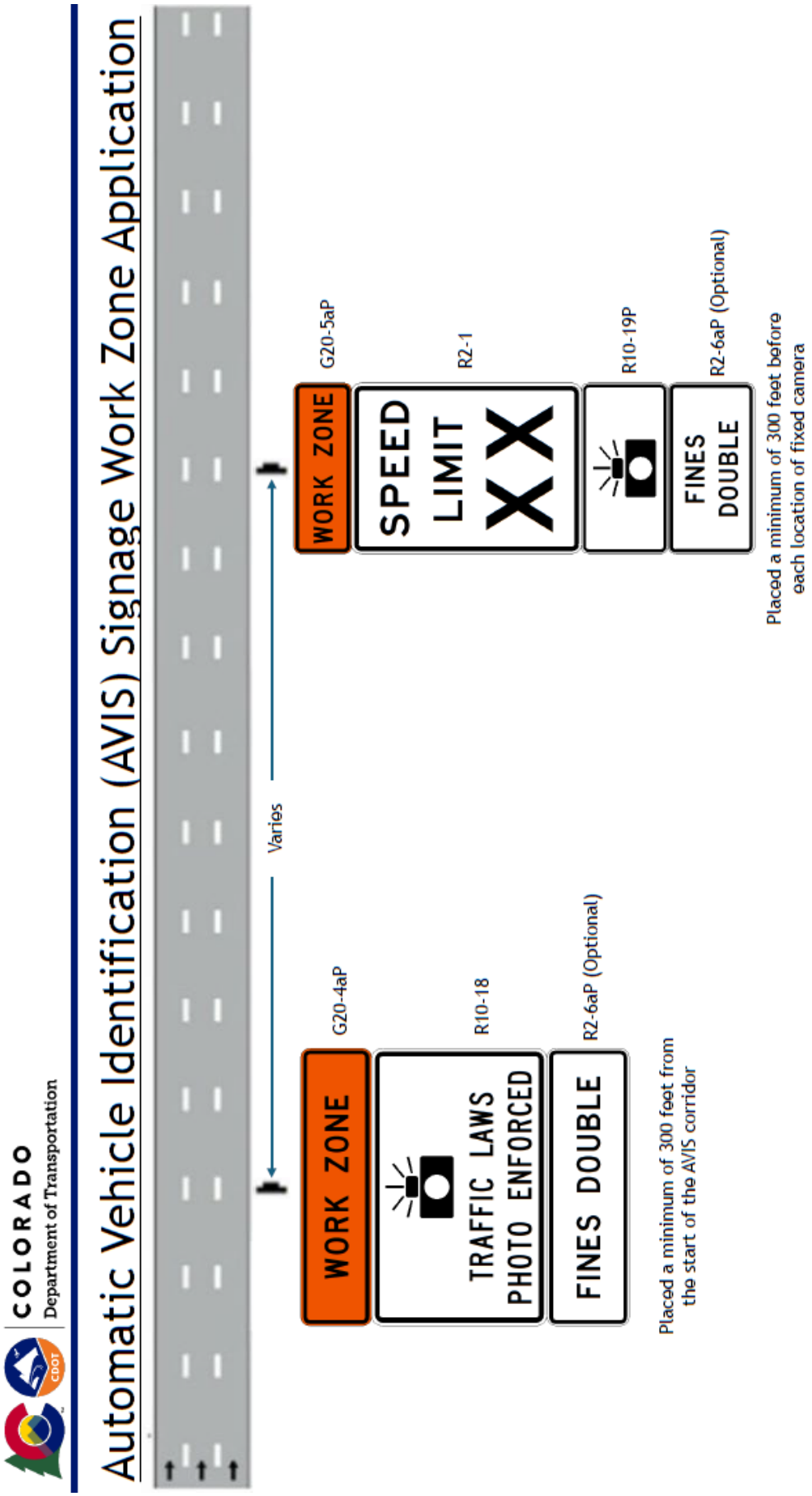
Note: CDOT recommends the placement of multiple R10-18 signs at strategic locations for longer AVI Corridors.

AVIS Resources Part II: Standard Speed Safety Camera Signs and Layouts:



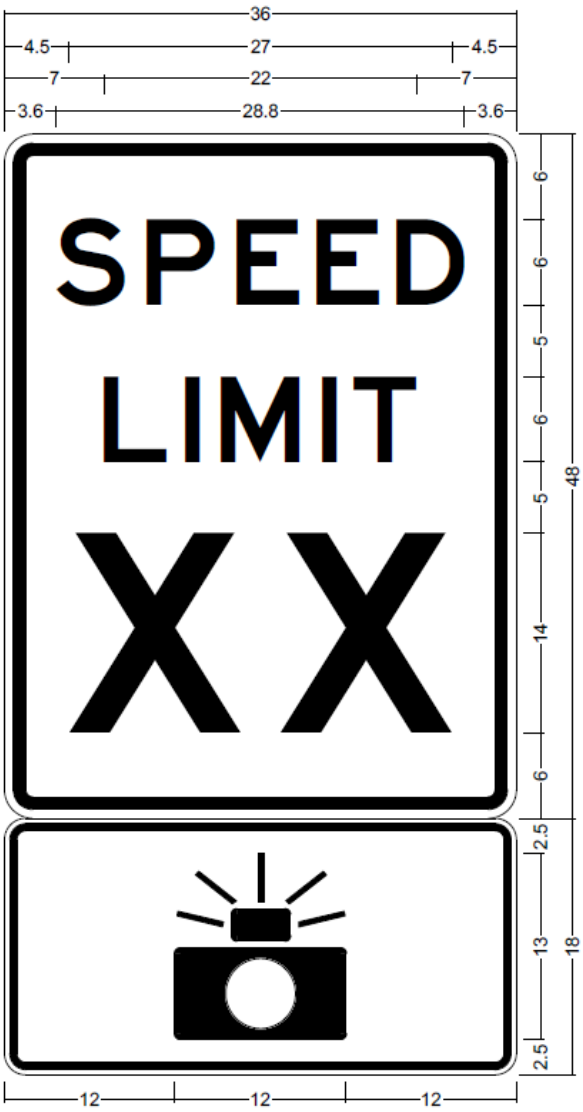
Note: CDOT recommends the placement of multiple R10-18 signs at strategic locations for longer AVI Corridors.

AVIS Resources Part II: Standard Speed Safety Camera Signs and Layouts:



Note: CDOT recommends the placement of multiple R10-18 signs at strategic locations for longer AVI Corridors.

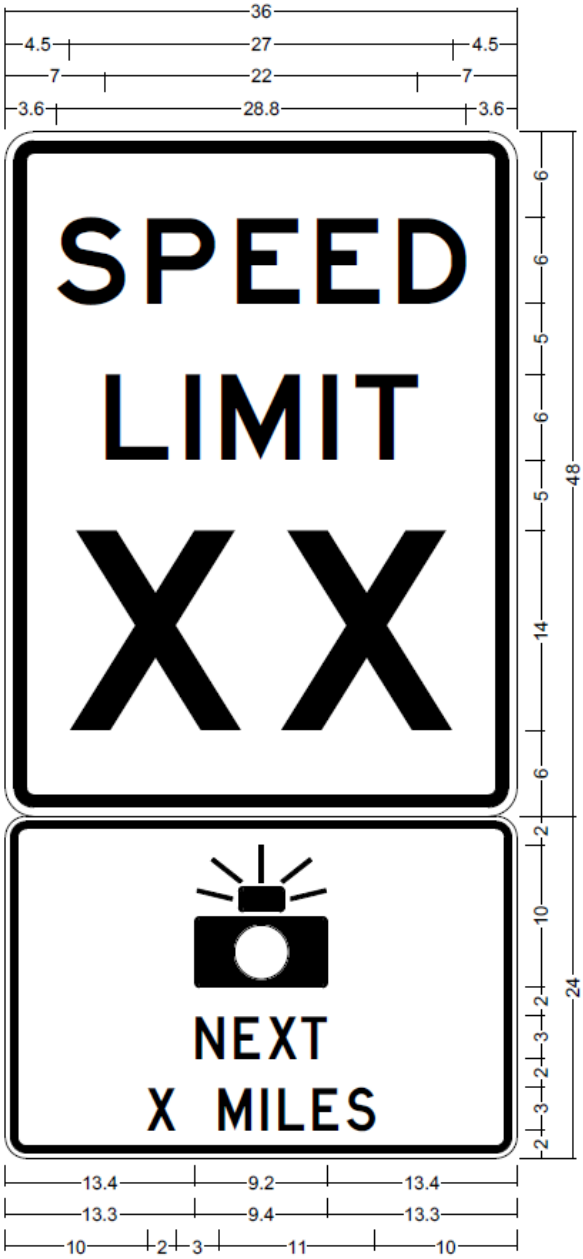
Resources Part II: Standard Speed Safety Camera Signs and Layouts (SignCAD Available by Request):



R2-1;
2.0" Radius, 0.9" Border, 0.6" Indent, Black on White;
"SPEED", E; "LIMIT", E; "XX", E;

R10-19P;
1.5" Radius, 0.5" Border, 0.4" Indent, Black on White;
Table of distances between letter and object lefts

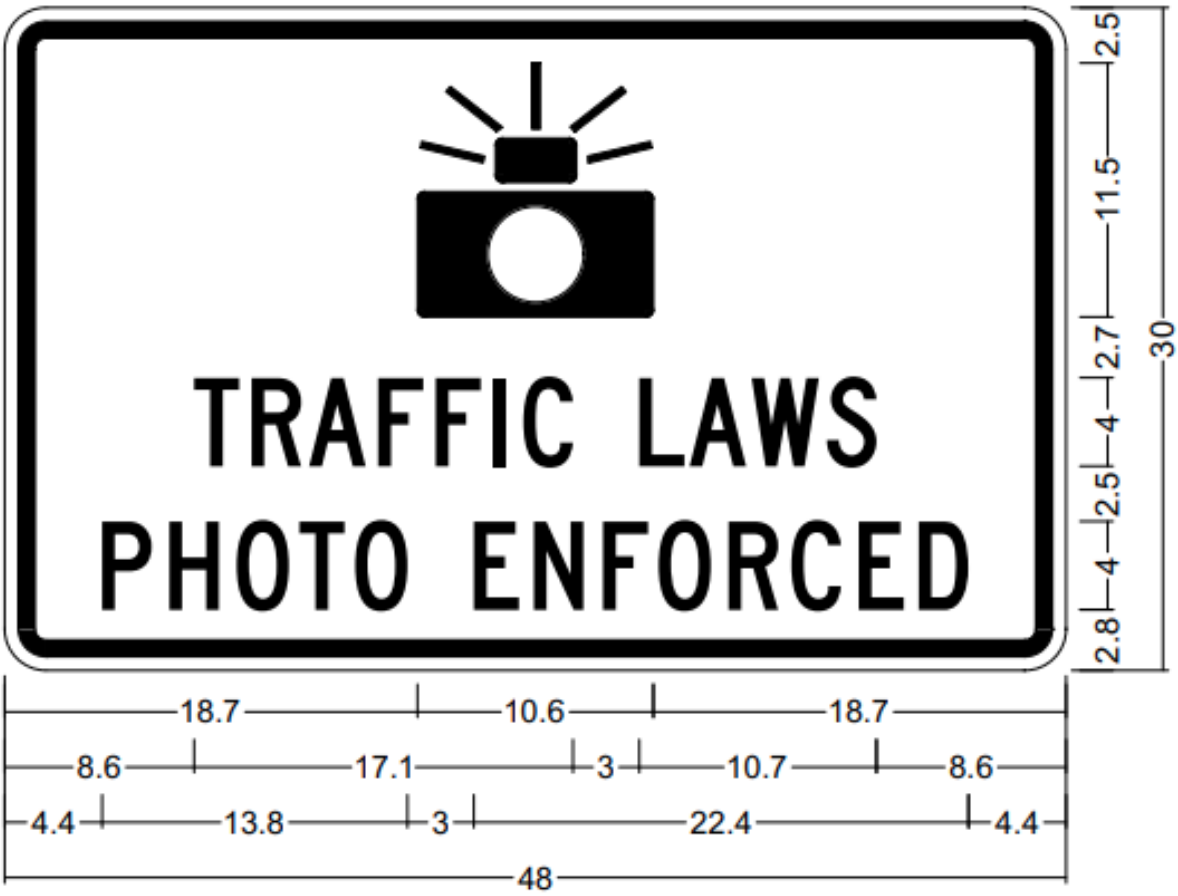
3.6	S 6.4	P 6.3	E 5.6	E 5.7	D 4.8	3.6
7.0	L 5.7	I 2.5	M 7.1	I 2.3	T 4.4	7.0
4.5	X 14.9	X 12.1	4.5			
12.0	12.0	12.0				



R2-1;
2.0" Radius, 0.9" Border, 0.6" Indent, Black on White;
"SPEED", E; "LIMIT", E; "XX", E;

R10-19qP;
1.5" Radius, 0.5" Border, 0.4" Indent, Black on White;
"NEXT", D; "X MILES", D;
Table of distances between letter and object lefts

3.6	S 6.4	P 6.3	E 5.6	E 5.7	D 4.8	3.6
7.0	L 5.7	I 2.5	M 7.1	I 2.3	T 4.4	7.0
4.5	X 14.9	X 12.1	4.5			
13.4	9.2	13.4				
13.3	N 2.8	E 2.3	X 2.4	T 1.9	13.3	
10.0	X 5.0	M 3.0	I 1.2	L 2.4	E 2.4	S 2.0	10.0



R10-18_48x30;
1.9" Radius, 0.8" Border, 0.6" Indent, Black on White;
"TRAFFIC", C 2K specified length; "LAWS", C 2K specified length;
"PHOTO", C 2K specified length;
"ENFORCED", C 2K specified length;
Table of distances between letter and object lefts

18.7	10.6	18.7

8.6	T 2.6	R 2.6	A 3.1	F 2.6	F 2.6	I 1.4	C 5.2	L 2.3	A 2.8	W 3.4	S 2.2	8.6

4.4	P 3.1	H 3.0	O 2.8	T 2.6	O 5.3	E 2.7	N 3.2	F 2.5	O 3.1	R 2.9	C 3.0	E 2.7	D 2.3	4.4



G20-5aP_48x12;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
"WORK ZONE", D;
Table of distances between letter and object lefts

	W	O	R	K	Z	O	N	E	
8.2	4.2	3.8	3.6	6.8	3.4	3.8	3.6	2.4	8.2



G20-5aP_36x12;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
"WORK ZONE", D;
Table of distances between letter and object lefts

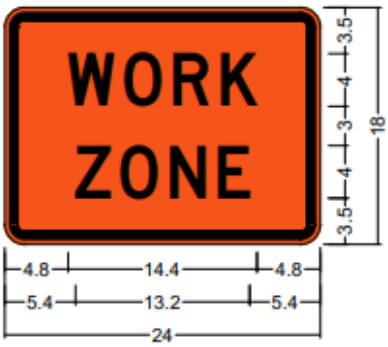
	W	O	R	K	Z	O	N	E	
2.2	4.2	3.8	3.6	6.8	3.4	3.8	3.6	2.4	2.2



G20-5aP_30x18;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
"WORK", D; "ZONE", D;
Table of distances between letter and object lefts

	W	O	R	K	
7.8	4.3	3.7	3.6	2.8	7.8

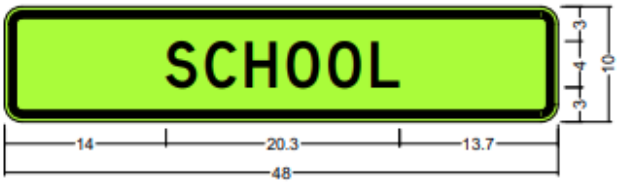
	Z	O	N	E	
8.4	3.4	3.8	3.6	2.4	8.4



G20-5aP_24x18;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
"WORK", D; "ZONE", D;
Table of distances between letter and object lefts

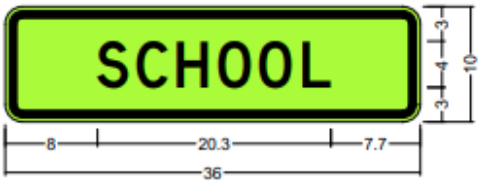
	W	O	R	K	
4.8	4.3	3.7	3.6	2.8	4.8

	Z	O	N	E	
5.4	3.4	3.8	3.6	2.4	5.4



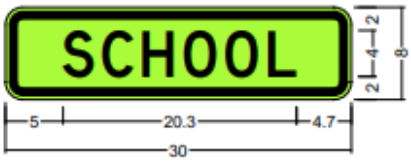
S4-3P_48x12;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on Bright yellow green;
"SCHOOL", D;
Table of distances between letter and object lefts

	S	C	H	O	O	L	
14.0	3.4	3.5	3.6	3.6	3.7	2.5	13.7



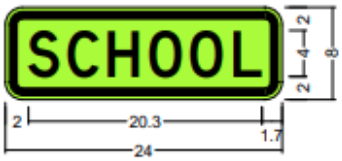
S4-3P_36x12;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on Bright yellow green;
"SCHOOL", D;
Table of distances between letter and object lefts

	S	C	H	O	O	L	
8.0	3.4	3.5	3.6	3.6	3.7	2.5	7.7



S4-3P_30x8;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on Bright yellow green;
"SCHOOL", D;
Table of distances between letter and object lefts

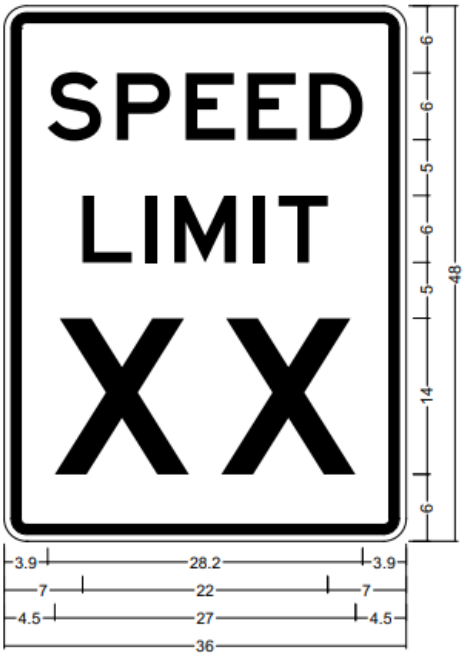
	S	C	H	O	O	L	
5.0	3.4	3.5	3.6	3.6	3.7	2.5	4.7



S4-3P_24x8;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on Bright yellow green;
"SCHOOL", D;
Table of distances between letter and object lefts

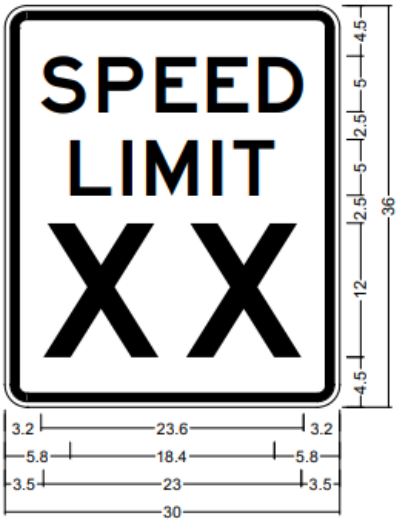
	S	C	H	O	O	L	
2.0	3.4	3.5	3.6	3.6	3.7	2.5	1.7

AVIS Resources Part II: Standard Speed Safety Camera Signs and Layouts (SignCAD Available by Request):



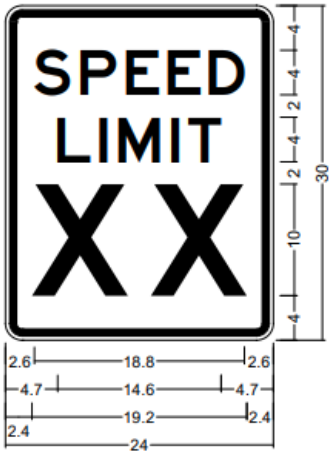
R2-1_36x48;
2.0" Radius, 0.9" Border, 0.6" Indent, Black on White;
"SPEED", E specified length;
"LIMIT", E specified length; "XX", E;
Table of distances between letter and object lefts

3.9	S 6.2	P 6.2	E 5.5	E 5.5	D 4.8	3.9
7.0	L 5.7	I 2.5	M 7.1	I 2.3	T 4.4	7.0
4.5	X 14.9	X 12.1	4.5			



R2-1_30x36;
2.0" Radius, 0.8" Border, 0.5" Indent, Black on White;
"SPEED", E specified length;
"LIMIT", E specified length; "XX", E;
Table of distances between letter and object lefts

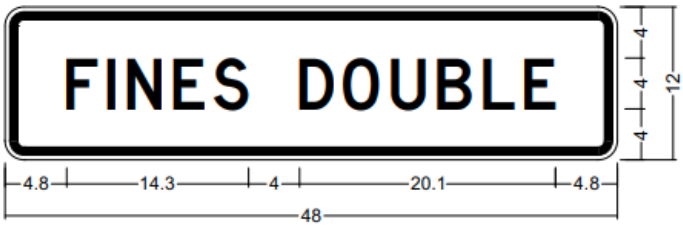
3.2	S 5.2	P 5.2	E 4.6	E 4.6	D 4.0	3.2	
5.8	L 4.7	I 2.2	M 5.9	I 1.9	T 3.7	5.8	
3.5	X 12.7	X 10.3	3.5				



R2-1_24x30;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
"SPEED", E specified length;
"LIMIT", E specified length;
"XX", E;
Table of distances between letter and object lefts

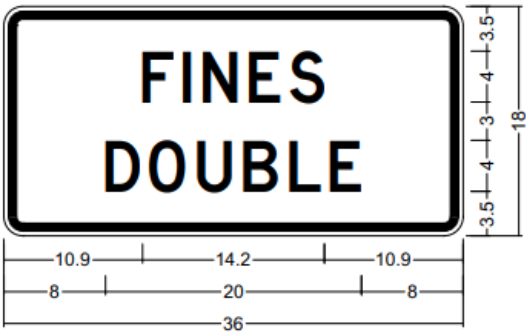
2.6	S 4.1	P 4.1	E 3.7	E 3.7	D 3.2	2.6	
4.7	L 3.7	I 1.8	M 4.7	I 1.5	T 2.9	4.7	
2.4	X 10.6	X 8.6	2.4				

AVIS Resources Part II: Standard Speed Safety Camera Signs and Layouts (SignCAD Available by Request):



R2-6aP_48x12;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
"FINES DOUBLE", D;
Table of distances between letter and object lefts

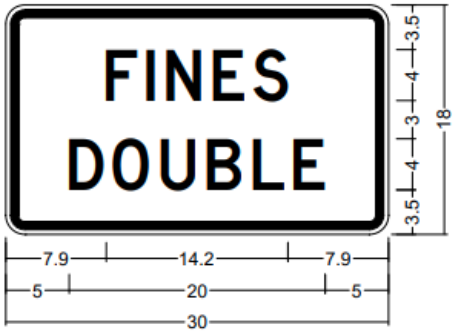
4.8	F 3.2	I 1.6	N 3.6	E 3.2	S 6.7	D 3.4	O 3.8	U 3.6	B 3.6	L 3.2	E 2.5	4.8



R2-6aP_36x18;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
"FINES", D; "DOUBLE", D;
Table of distances between letter and object lefts

10.9	F 3.2	I 1.5	N 3.7	E 3.1	S 2.7	10.9

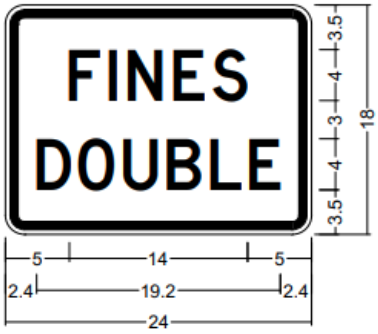
8.0	D 3.4	O 3.8	U 3.6	B 3.6	L 3.2	E 2.4	8.0



R2-6aP_30x18;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
"FINES", D; "DOUBLE", D;
Table of distances between letter and object lefts

7.9	F 3.2	I 1.5	N 3.7	E 3.1	S 2.7	7.9

5.0	D 3.4	O 3.8	U 3.6	B 3.6	L 3.2	E 2.4	5.0



R2-6aP_24x18;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
"FINES", D specified length;
"DOUBLE", D specified length;
Table of distances between letter and object lefts

5.0	F 3.1	I 1.5	N 3.6	E 3.1	S 2.7	5.0

2.4	D 3.3	O 3.6	U 3.4	B 3.4	L 3.0	E 2.5	2.4

Resources Part III: Speed Safety Cameras Best Practices and Resources

Speed Safety Cameras: Federal Highway Administration: FHWA-SA-21-07:

- https://highways.dot.gov/safety/proven-safety-countermeasures/speed-safety-cameras
- https://www.towardzerodeaths.org/nhtsa-fhwa-speed-safety-camera/

Speed Safety Cameras: Governor's Highway Safety Association

- https://www.ghsa.org/state-laws/issues/speed%20and%20red%20light%20cameras

Setting Speeds:

- N.A.C.T.O.: https://nacto.org/program/setting-safer-speed-limits/
- WHO: https://www.who.int/publications/m/item/speed-management--a-road-safety-manual-for-decision-makers-and-practitioners. 2nd-edition
- F.H.W.A.: Setting Speed Limits for Safety | F.H.W.A. (dot.gov)

Application Questions:

Q: Do we need to apply to use AVIS on local roadways?
A: No. The application is only for state and US highways.

Q: Can we deploy speed safety cameras on interstate highways?
A: No. CRS 42-4-110.5 only allows CDOT or CSP to deploy speed safety cameras on interstate highways.

Q: Can we use the application for multiple corridors?
A: Yes. You can use one application for multiple corridors or one application per corridor.

Q: Do we need to apply if we are deploying AVIS in work zones, school zones, or next to municipal parks?
A: No. However, if permanent cameras or signs are deployed, the local agency shall submit a special use permit application to the region permit office.

Q: Can we use new or existing red-light running cameras for speed enforcement on AVI corridors?
A: Yes. Existing red light running cameras are already pre-approved. New red-light running cameras must be approved through a separate application process. Red-light running applications are available at the CDOT Region Traffic Office.

Q: When do we need to submit a special use permit application?
A: An approved special use permit is required for any AVIS implementation that requires permanent signage or camera locations unless there is another signed agreement (Senate Bill 8, Maintenance Agreement, Intergovernmental Agreement, etc.) explicitly allowing the installation of new signs or cameras on state and US highways.

Q: How do we submit the application?
A: Please submit your application via email to your region traffic engineer from the list in Appendix B: Speed Safety Camera (AVIS) Resources.

Q: Who can sign the application?
A: Only an authorized local agency representative who can legally sign documents can sign the application.

Q: Can the plan for warning and citation administration, including hearings, adjudications, appeals, etc., including the beginning and end of the warning period and the date when citations will start to be issued, be a high-level plan?
A: Yes, as long as it complies with 42-4-110.5.

Q: Does a local agency have to reapply yearly for an AVI corridor?
A: No. Unless an AVI corridor is decommissioned and removed, it is active indefinitely once a corridor is approved.

Q: What do we need to do if speed limits are changed?
A: At a minimum, CDOT recommends a new announcement on the local agency website and a new 30-day warning period.

Data Questions:

Q: What is the maximum age of data required by the application and statute?
A: Data collected for AVIS corridors must be under five (5) years old.

Q: Our segments vary in length. Does it matter where/how much we collect data?
A: No. CDOT recommends collecting data where the cameras or AVIS will most likely be deployed.

Q: Do we need all the listed data sets for an AVI corridor application?
A: No. Only one data set is required per 42-4-110.5.

Q: Is one week of speed data enough for the AVI corridor application?
A: Yes. CDOT recommends at least one week of data that includes weekends and weekdays. CDOT also recommends collecting data for 24-hour periods if possible.

Signage Questions

Q: How detailed does the visual representation need to be? Can it be created on GIS/PowerPoint to show aerial and high-level locations of the van/cameras, signs, and mile markers?
A: CDOT does not have any required formatting. An aerial view showing the locations of the van/cameras, signs, mile markers, and distances is adequate.

Q: Do we have to follow the CDOT sign standards for AVIS corridors on state and US highways?
A: Yes. CDOT sign standards were developed for statewide consistency on state and US highways.

Q: What exactly do we need for photo radar vans?
A: For typical implementations, one R2-1 with an R10-19P placed a minimum of 300' conspicuously before the photo radar van. The minimum dimensions of the lettering are at least four (4) inches for uppercase letters and two and nine-tenths inches high for lowercase letters. Please use the appropriate add-on sign placards for school and work zone corridors.

Q: Do we need to double the signs when a corridor changes from a state or US highway to a city, town or county roadway?
A: No. Please have one sign, a single R10-18, at the beginning of the corridor in either direction.

Q: How detailed does the maintenance plan for signs and equipment need to be?
A: The plan should detail how often permanent signs and cameras will be replaced. A simple statement that the local agency agrees to maintain AVIS and signage that follows its maintenance plan is enough.

Q: Do we need extra signage for streets joining into the enforced corridor?
A: 42-4-110.5 does not require extra signage for streets joining the enforced corridor. CDOT recommends adding signage to the corridor's major ingresses, but that is up to the local agency.

Public Outreach:

Q: Can we do a mass public outreach to capture all locations?
A: CRS 42-4-110.5 requires a public announcement on a local agency website before the agency implements any new AVIS on any roadway. CDOT recommends an announcement for all new corridors.

Q: Do we have to do it before every single deployment?
A: No. The statute website announcement before the first deployment or implementation in the corridor. CDOT recommends robust and frequent public outreach so the public is well informed.

Q: What must be posted on the website for AVIS corridor reporting?
A: 42-4-110.5 requires local agencies, CSP, or CDOT to report, at a minimum, the number of citations and revenue. Other agencies report the number of deployments, before and after safety statistics, where revenue goes, and the status of corridors. More outreach and transparency show better public acceptance and results.

Enforcement Location Questions:

Q: Does the warning period have to be for every van location in the same corridor? Vans are mobile and do not sit for 30 days straight, so it would take months to fulfill a 30-day warning.
A: 42-4-110.5 as follows: “(B) For the first thirty days after the system is installed or deployed, only warnings may be issued for violations of a county or municipal traffic regulation or traffic violation under state law detected by the system.” The local agency needs to determine how best to meet the statute.

Q: If CDOT requires removing the AVIS infrastructure on any state or US highway, can the local agency turn off the equipment within sixty (60) days and cover the cameras if removal is impossible within the time limit.
A: The local agency can turn off the equipment and cover signs and/or cameras until removal is completed. Written notification for the decommissioning and removal of signs and/or cameras can be submitted to the region's CDOT traffic office.

Colo. Rev. Stat. § 42-4-110.5

Section 42-4-110.5 - Automated vehicle identification systems - exceptions to liability - penalty - limits on use of photographs and video - rules - legislative declaration - definitions

(1) The general assembly hereby finds and declares that the enforcement of traffic laws through the use of automated vehicle identification systems under this section is a matter of statewide concern and is an area in which uniform state standards are necessary.

(1.1) As used in this section, unless the context otherwise requires:

(a)

(I) "Automated vehicle identification system" means a system whereby:

(A) A machine is used to automatically detect a violation of a traffic regulation and simultaneously record a photograph of the vehicle and the license plate of the vehicle; and

(B) A notice of violation or civil penalty assessment notice may be issued to the registered owner of the motor vehicle.

(II) "Automated vehicle identification system" includes a system used to detect a violation of part 11 of this article 4 or a local speed ordinance, a system used to detect violations of traffic restrictions imposed by traffic signals or traffic signs, and a system used to detect violations of bus lane or bicycle lane restrictions.

(b) "State", notwithstanding section 42-1-102 (95), means the state of Colorado acting through the Colorado state patrol in the department of public safety or the department of transportation.

(c) "State highway" means any highway that is owned by or maintained by the state. "State highway" does not include a public highway operated by a public highway authority in accordance with the "Public Highway Authority Law", part 5 of article 4 of title 43.

(1.4) Nothing in this section applies to the use of automated vehicle identification systems for the purpose of collecting tolls, fees, or civil penalties in accordance with part 5 of article 4 of title 43 and section 43-4-808.

(1.5) Except for the authorization contained in subsection (1.7) of this section, nothing in this section applies to a violation detected by an automated vehicle identification system for driving twenty-five miles per hour or more in excess of the reasonable and prudent speed or twenty-five miles per hour or more in excess of the maximum speed limit of seventy-five miles per hour detected by the use of an automated vehicle identification system.

(1.7) [Repealed by 2024 amendment]

(2)A county, city and county, or municipality may adopt an ordinance authorizing the use of an automated vehicle identification system to detect violations of traffic regulations adopted by the county, city and county, or municipality, or the state, a county, a city and county, or a municipality may utilize an automated vehicle identification system to detect traffic

violations under state law, subject to the following conditions and limitations and, as applicable, the requirements for state highways set forth in and any rules adopted by the department of transportation pursuant to subsection (2.5) of this section

(a)

(I) (Deleted by amendment, l. 2002, p. 570, § 1, effective May 24, 2002.)

(II) If the state, a county, a city and county, or a municipality detects any alleged violation of a county or municipal traffic regulation or a traffic violation under state law through the use of an automated vehicle identification system, then the state, county, city and county, or municipality shall issue, or cause its vendor to issue, to the registered owner of the motor vehicle involved in the alleged violation, by first-class mail, personal service, or by any mail delivery service offered by an entity other than the United States postal service that is equivalent to or superior to first-class mail with respect to delivery speed, reliability, and price, a notice of violation:

(A) Within thirty days after the alleged violation occurred if the motor vehicle involved in the alleged violation is registered in the state; or

(B) Within sixty days after the alleged violation occurred if the motor vehicle involved in the alleged violation is registered outside of the state.

(III) The notice of violation must contain:

(A) The name and address of the registered owner of the motor vehicle involved in the alleged violation;

(B) The license plate number of the motor vehicle involved in the alleged violation;

(C) The date, time, and location of the alleged violation;

(D) The amount of the civil penalty prescribed for the alleged violation;

(E) The deadline for payment of the prescribed civil penalty and for disputing the alleged violation; and

(F) Information on how the registered owner may either dispute the alleged violation in a hearing or pay the prescribed civil penalty.

(IV) If the state, a county, a city and county, or a municipality does not receive the prescribed civil penalty or a written notice requesting a hearing to dispute the alleged violation by the deadline stated on the notice of violation, which deadline must not be less than forty-five days after the issuance date on the notice of violation, the state, county, city and county, or municipality shall issue, or cause its vendor to issue, by first-class mail, personal service, or by any mail delivery service offered by an entity other than the United States postal service that is equivalent to or superior to first-class mail with respect to delivery speed, reliability, and price, a civil penalty assessment notice for the alleged violation to the registered owner of the motor vehicle involved in the alleged violation no later than thirty days after the deadline on the notice of violation.

(V) The civil penalty assessment notice must contain:

(A) The name and address of the registered owner of the motor vehicle involved in the alleged violation;

(B) The license plate of the motor vehicle involved in the alleged violation;

(C) The date, time, and location of the alleged violation;

(D) The amount of the civil penalty prescribed for the alleged violation;

(E) The deadline for payment of the prescribed civil penalty;

(F) Information on how to pay the prescribed civil penalty.

(VI) If the registered owner of the motor vehicle fails to request a hearing to dispute the alleged violation by the deadline stated in the notice of violation, the registered owner waives any right to contest the violation or the amount of the prescribed civil penalty.

(VII) If the registered owner of the motor vehicle fails to pay in full the prescribed civil penalty by the deadline stated in the civil penalty assessment notice, a final order of liability shall be entered against the registered owner of the vehicle.

(VIII) Final orders may be appealed as to matters of law and fact to the county court in the county where the alleged violation or the municipal court in the municipality where the alleged violation occurred. The registered owner of the motor vehicle may assert in an appeal that a notice of violation served by first-class mail or other mail delivery service was not actually delivered. The appeal shall be a de novo hearing.

(IX) the state, a county, a city and county, or a municipality shall not initiate or pursue a collection action against a registered owner of a motor vehicle for a debt resulting from an unpaid penalty assessed pursuant to this section unless the registered owner is personally served the notice of violation or the final order of liability.

(X) If the registered owner of a motor vehicle involved in a traffic violation under state law or under traffic regulations adopted by a county, city and county, or municipality is engaged in the business of leasing or renting motor vehicles, the registered owner remains liable for payment of the civil penalty even if the registered owner was not driving the motor vehicle but may obtain payment from the lessor or renter of the motor vehicle and forward the payment to the state or the county, city and county, or municipality imposing the civil penalty.

(b) Notwithstanding any other provision of the statutes to the contrary, the state, a county, a city and county, or a municipality shall not report to the department any conviction or entry of judgment against a defendant for violation of a county or municipal traffic regulation or a traffic violation under state law if the violation was detected through the use of an automated vehicle identification system.

(c) Repealed.

(d)

(I) The state, a county, a city and county, or a municipality shall not use an automated vehicle identification system to detect a violation of part 11 of this article 4 or a local speed ordinance unless there is posted an appropriate temporary or permanent sign in a conspicuous place not fewer than three hundred feet before the area in which the automated vehicle identification system is to be used notifying the public that an automated vehicle identification system is in use immediately ahead. The requirement of this subsection (2)(d)(I) shall not be deemed satisfied by the posting of a permanent sign or signs at the borders of a county, city and county, or municipality, nor by the posting of a permanent sign in an area in which an automated vehicle identification system is to be used, but this subsection (2)(d)(I) shall not be deemed a prohibition against the posting of such permanent signs.

(II) Except as provided in subsection (2)(d)(I) of this section, an automated vehicle identification system designed to detect disobedience to a traffic control signal or another violation of this article 4 or a local traffic ordinance shall not be used unless the state, county, city and county, or municipality using such system conspicuously posts a sign notifying the public that an automated vehicle identification system is in use immediately ahead. The sign shall:

(A) Be placed in a conspicuous location not fewer than two hundred feet nor more than five hundred feet before the automated vehicle identification system; and

(B) Use lettering that is at least four inches high for upper case letters and two and nine-tenths inches high for lower case letters.

(e)

(I) If the state, county, city and county, or municipality implements a new automated vehicle identification system after July 1, 2023, that is not a replacement of an automated vehicle identification system:

(A) The agency responsible for the automated vehicle identification system shall publicly announce the implementation of the system through its website for at least thirty days prior to the use of the system; and

(B) For the first thirty days after the system is installed or deployed, only warnings may be issued for violations of a county or municipal traffic regulation or traffic violation under state law detected by the system.

(II) A state, county, city and county, or municipality may conduct an extended public information campaign or warning period for systems installed or deployed either before or after July 1, 2023.

(f) [Deleted by 2023 amendment.]

(g)

(I) The state, a county, a city and county, or a municipality shall not issue a notice of violation or civil penalty assessment notice for a violation detected using an automated vehicle identification system unless the violation occurred within a school zone, as defined in section 42-4-615; within a residential neighborhood; within a maintenance,

construction, or repair zone designated pursuant to section 42-4-614; along a street that borders a municipal park; or along a street or portion of a street that a county, city and county, or municipality, by ordinance or by a resolution of its governing body, designates as an automated vehicle identification corridor, on which designated corridor the county, city and county, or municipality may locate an automated vehicle identification system to detect violations of a county, city and county, or municipal traffic regulation or a traffic violation under state law.

(A)

(B)

(C)

(I.3) Before a county, a city and county, or a municipality designates an automated vehicle identification corridor on a state highway, the county, city and county, or municipality shall notify the department of transportation. If a county, city and county, or municipality designates an automated vehicle identification corridor on a state highway by ordinance or resolution before January 1, 2025, it may proceed without having provided this notification to the department of transportation.

(I.4) After a county, city and county, or a municipality designates an automated vehicle identification corridor on a state highway, the county, city and county, or municipality shall coordinate with the department of transportation. Coordination must include demonstrating that the requirements set forth in subsection (2)(g)(I.7)(B) of this section have been met and, if needed, applying for a special use permit to install any devices or signage on department of transportation right-of-way if the segment of highway in question is maintained by the state. A county, city and county, or municipality shall alert the department of transportation when the automated vehicle identification corridor begins operations or permanently ceases operations on a state highway. The department of transportation shall notify the Colorado state patrol when a county, city and county, or municipality coordinates with the department of transportation to establish an automated vehicle identification corridor on a state highway.

(I.5) Before a county, city and county, or municipality begins the operation of an automated vehicle identification system in an automated vehicle identification corridor on a county road, the county, city and county, or municipality shall notify the Colorado state patrol.

(I.6) Before the state designates an automated vehicle identification corridor on a state highway located within the boundaries of a county, a city and county, or a municipality, and before the state begins operation of an automated vehicle identification corridor on a state highway, the state shall coordinate with the respective county, city and county, or municipality.

(I.7) Before the state, a county, city and county, or municipality begins operation of an automated vehicle identification system in an automated vehicle identification corridor, the state, county, city and county, or municipality must:

(A) Post a permanent sign in a conspicuous place not fewer than three hundred feet before the beginning of the corridor; and

(B) Post a permanent sign not fewer than three hundred feet before each static camera within the corridor thereafter or a temporary sign not fewer than three hundred feet before any mobile camera; except that, for an automated vehicle identification corridor on which an automated vehicle identification system is used on transit vehicles for the purpose of detecting unauthorized use of a transit-only lane, post permanent signs at one-half mile or more frequent intervals; and

(C) Illustrate, through data collected within the past five years, incidents of crashes, speeding, reckless driving, or community complaints on a street designated as an automated vehicle identification corridor unless the automated vehicle identification system will be used exclusively to detect unauthorized usage of one or more transit-only lanes.

(II) As used in this subsection (2)(g), unless the context otherwise requires, "residential neighborhood" means any block on which a majority of the improvements along both sides of the street are residential dwellings and the speed limit is thirty-five miles per hour or less.

(III) This subsection (2)(g) does not apply to an automated vehicle identification system designed to detect disobedience to a traffic control signal.

(IV) The state, a county, a city and county, or a municipality implementing an automated vehicle identification corridor pursuant to subsection (2)(g)(I) of this section shall publish a report on its website disclosing the number of citations and revenue generated by the automated vehicle identification corridor.

(V)

(A) Notwithstanding the provisions of subsection (2)(g)(I) of this section, the state may locate an automated vehicle identification system on a highway that is a part of the federal interstate highway system and may issue a notice of violation or a civil penalty assessment notice for a traffic violation under state law detected using the automated vehicle identification system.

(B) A county, a city and county, or a municipality shall not locate an automated vehicle identification system or create an automated vehicle identification corridor on any highway that is a part of the federal interstate highway system.

(h) the state, A county, a city and county, or a municipality shall not require a registered owner of a vehicle to disclose the identity of a driver of the vehicle who is detected through the use of an automated vehicle identification system. However, the registered owner may be required to submit evidence that the owner was not the driver at the time of the alleged violation.

(2.5)

(a) The state may use an automated vehicle identification system on any portion of a state highway. The department of transportation may promulgate rules to implement the provisions of this section relating to the use of automated vehicle identification systems by the department of transportation on state highways and prioritization for the use of automated vehicle identification systems by other entities on state highways, including but not limited to rules that:

(I) Specify prioritization criteria that the department of transportation will use to determine which entity is authorized to use an automated vehicle identification system if multiple entities seek authorization to use an automated vehicle identification system on the same portion of a state highway. The criteria must specify that the department of transportation must give preference to an entity that has the primary responsibility for regulation and enforcement of traffic restrictions on the portion of a state highway on which an automated vehicle identification system is to be used.

(II) Specify, consistent with the requirements of subsection (2)(a) of this section, the process that the state will use to notify a county, city and county, or municipality that the state will be using an automated vehicle identification system within its jurisdiction and the administrative and enforcement process that the department of transportation will use to administer, hear, and resolve a traffic violation detected through the use by the department of transportation of an automated vehicle identification system;

(III) Establish, subject to the caps set forth in subsections (4)(b) and (4.5) of this section and any other provision of law, the amount of civil penalties imposed for traffic violations detected through the use by the department of transportation of an automated vehicle identification system;

(IV) Establish an administrative hearing process that complies with subsections (2)(a)(IV) through (2)(a)(VIII) of this section, including the ability to retain and contract with impartial hearing officers and the ability for impartial hearing officers to issue final orders required by subsection (2)(a)(VII) of this section; and

(V) Provide, consistent with this section, any additional requirements, guidance, or clarification that the department of transportation deems necessary or appropriate to implement this section.

(b) It is the intent of the general assembly that the department of transportation consult with the Colorado state patrol when promulgating rules relating to the use of automated vehicle identification systems and before authorizing the use of an automated vehicle identification system by the state or a county, a city and county, or a municipality on any portion of a state highway. It is also the intent of the general assembly that the department of transportation consult with counties, city and counties, and municipalities when promulgating rules relating to the use of automated vehicle identification systems.

(c) The provisions of this subsection (2.5) do not apply to an automated vehicle identification system on a state highway that a county, city and county, or municipality has implemented or designated by ordinance or resolution before January 1, 2025, or before the department of transportation adopts rules pursuant to subsection (2.5)(a) of this

section, whichever occurs later. This subsection (2.5) does not require a county, city and county, or municipality to remove or stop the implementation of an automated vehicle identification system that was placed on any portion of a state highway or designated by ordinance or resolution before January 1, 2025, or before the department of transportation adopts rules pursuant to subsection (2.5)(a) of this section, whichever occurs later.

(3) The department has no authority to assess any points against a license under section 42-2-127 upon entry of a conviction or judgment for a violation of a county or municipal traffic regulation or a traffic violation under state law if the violation was detected through the use of an automated vehicle identification system. The department shall not keep any record of such violation in the official records maintained by the department under section 42-2-121.

(4)

(a) If the state, a county, a city and county, or a municipality detects a speeding violation of less than ten miles per hour over the reasonable and prudent speed under a county or municipal traffic regulation or under state law through the use of an automated vehicle identification system and the violation is the first violation by the registered owner that the state, county, city and county, or municipality has detected using an automated vehicle identification system, then the state, county, city and county, or municipality may mail the registered owner a warning regarding the violation, but the state, county, city and county, or municipality shall not impose any penalty or surcharge for such first violation.

(b)

(I) If the state, a county, a city and county, or a municipality detects a second or subsequent speeding violation under a county or municipal traffic regulation or under state law by the registered owner, or a first such violation by the registered owner, if the provisions of subsection (4)(a) of this section do not apply, through the use of an automated vehicle identification system, then, except as may be permitted in subsection (4)(b)(II) of this section, the maximum penalty that the state, county, city and county, or municipality may impose for such violation, including any surcharge, is forty dollars.

(II) If any violation described in subsection (4)(b)(I) of this section occurs within a school zone, as defined in section 42-4-615, the maximum penalty that may be imposed shall be doubled.

(III) Subsection (4)(b)(I) of this section does not apply within a maintenance, construction, or repair zone designated pursuant to section 42-4-614 or a school zone, as defined in section 42-4-615 (2).

(4.5)

(a) If the state, a county, a city and county, or a municipality detects a violation of a county, city and county, or municipal traffic regulation or traffic violation under state law for disobedience to a traffic control signal through the use of an automated vehicle identification system, the maximum civil penalty that the state, a county, a city and county, or a municipality may impose for such violation, including any surcharge, is seventy-five dollars.

(b) Subsection (4.5)(a) of this section does not apply within a maintenance, construction, or repair zone designated pursuant to section 42-4-614 or a school zone, as defined in section 42-4-615 (2).

(4.7) If a registered owner fails to pay a penalty imposed for a violation of a county or municipal traffic regulation or a traffic violation under state law detected using an automated vehicle identification system, the state, a county, a city and county, or a municipality shall not attempt to enforce such a penalty by immobilizing the registered owner's vehicle.

(5) If the state, a county, a city and county, or a municipality has established an automated vehicle identification system for the enforcement of county or municipal traffic regulations or state traffic laws, then no portion of any fine collected through the use of such system may be paid to the manufacturer or vendor of the automated vehicle identification system equipment. The compensation paid by the state, county, city and county, or municipality for such equipment shall be based upon the value of such equipment and the value of any services provided to the state, county, city and county, or municipality and may not be based upon the number of traffic citations issued or the revenue generated by such equipment or services.

(6) [Repealed by 2024 amendment]

(7) the state, county, city and county, or municipality and any vendor operating an automated vehicle identification system shall, unless otherwise provided in this section:

(a) Program the automated vehicle identification system to retain data only when a violation of a county or municipal traffic regulation or traffic violation under state law occurs;

(b) Treat all photographs and video collected by the automated motor vehicle identification system as confidential and exempt from disclosure and inspection pursuant to the "Colorado Open Records Act", part 2 of article 72 of title 24;

(c) Not use, disclose, sell, or permit access to photographs, video, or personal identifiable data collected by the automated motor vehicle identification system except to the extent necessary to operate the program, including for purposes of processing violations, for other law enforcement purposes, for transferring data to a new vendor or operating system, or, pursuant to a court order, for use in unrelated legal proceedings; and

(d) Destroy any photographs and video of a violation collected by the automated vehicle identification system within three years after the final disposition of the violation unless the photographs or video are maintained in a separate system for other purposes allowed by law.

(8) Notwithstanding any other provision of law, the aggregate amount of revenue, exclusive of court and operations costs, collected by the state as civil penalties for violations detected by automated vehicle identification systems must be credited to the state highway fund and used by the department only to fund road safety projects, as defined in section 43-4-803 (21), of the type described in section 43-4-803 (21)(b). The department shall prioritize

funding to those road safety projects with the highest potential to reduce vulnerable road user injuries and fatalities while taking into account the planning capacity of each region.

C.R.S. § 42-4-110.5

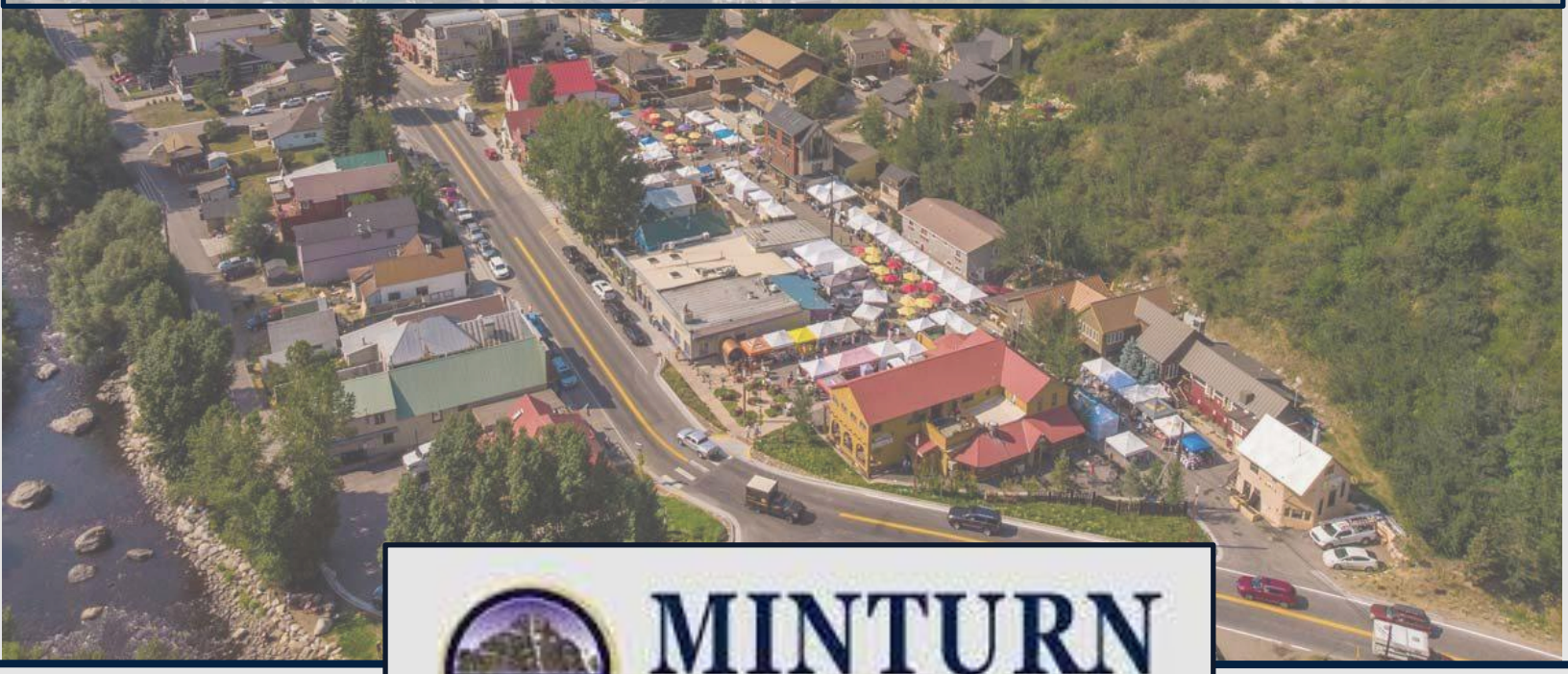
Amended by 2024 Ch. 432,§ 1, eff. 6/5/2024.
Amended by 2023 Ch. 354,§ 1, eff. 6/5/2023 except that subsection (3) takes effect 1/1/2024.
Amended by 2021 Ch. 460, § 16, eff. 1/1/2022.
L. 97: Entire section added, p. 1667, § 1, effective June 5. L. 99: (1.5) and (4.5) added and (2), (4), and (5) amended, p. 612, § 1, effective May 17. L. 2002: (2)(a), (2)(d), and (4.5) amended and (2)(f), (2)(g), and (4.7) added, pp. 570, 572, §§ 1, 2, effective May 24. L. 2004: (2)(d) amended, p. 351, § 1, effective August 4. L. 2008: (1.5) and (2)(g)(I) amended and (1.7) and (4)(b)(III) added, pp. 2080, 2081, §§ 4, 5, effective June 3. L. 2009: (2)(d) amended, (SB 09-222), ch. 629, p. 629, § 1, effective August 5. L. 2021: (2)(c) repealed, (HB 21-1314), ch. 3101, p. 3101, § 16, effective 1/1/2022.

Section 22 of chapter 460 (HB 21-1314), Session Laws of Colorado 2021, provides that the act changing this section applies to offenses committed and applications submitted on or after January 1, 2022.

Section 1 of chapter 412, Session Laws of Colorado 2008, provides that the act amending subsections (1.5) and (2)(g)(I) and enacting subsections (1.7) and (4)(b)(III) shall be known and may be cited as the "Charles Mather Highway Safety Act".

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MINTURN WATER TREATMENT PLANT MODERNIZATION INITIATIVE



MINTURN
COLORADO

USBR WaterSMART Drought Response Program:
Drought Resiliency Projects for Fiscal Year 2025

Town of Minturn, Colorado
302 Pine Street, PO Box 309
Minturn, CO 81654

Project Manager:
Michelle Metteer, Town Manager
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(970) 445-2418

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Executive Summary

Date: October 2, 2024
Applicant Name: Town of Minturn, CO
Town: Minturn
County: Eagle
State: Colorado

Applicant Eligibility: The Town of Minturn, a unit of local government with water delivery authority in the State of Colorado, is eligible for this Drought Resilience funding as a ***Category A applicant***.

Task: The Town of Minturn, CO, seeks WaterSMART: Drought Resiliency Project funding to modernize its 60+-year-old water treatment plant (WTP) under ***Drought Resiliency Projects Task A: Increasing the Reliability of Water Supplies Through Infrastructure Improvements***.

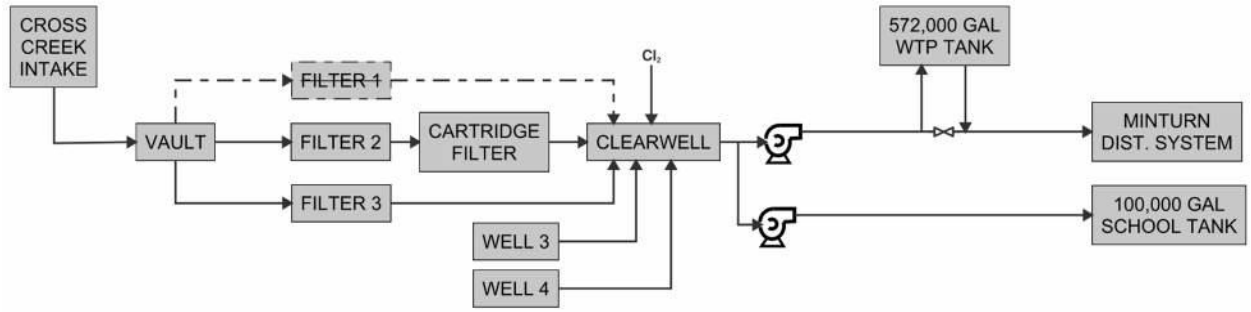
Funding Group: The Town of Minturn seeks WaterSMART funding under ***Funding Group II,*** with a request of $3 million for a project that will be completed within three years of award.

Project Summary: The Town of Minturn seeks $3 million in U.S. Bureau of Reclamation (USBR) WaterSMART Drought Resiliency funding with $10,103,325 in match to modernize and enhance the efficiency and capacity of its over 60-year-old water treatment plant. Minturn is a one-of-a-kind Rocky Mountain town in Eagle County, CO, with a vibrant sense of community. The Town of Minturn has been evaluating the best way to improve the reliability of water production at its existing slow sand direct filtration water treatment plant (WTP). The Town has completed an alternatives analysis to determine the best path forward to ensuring reliability of its water supplies amid worsening drought conditions. According to the Eagle County Community Resilience Plan, the County has experienced an estimated 6-8% decline in water supply since 1980, with drought conditions as recently as 2020 resulting in low streamflows and wildfires. By 2050, Colorado's average annual statewide temperature is projected to increase by 3.5°F to 6.5°F. Due to climate change, drought conditions vary yearly, and projections indicate that precipitation patterns will become more variable for Eagle County over the coming decades. This change and continual climactic variations add complexity to water supply, quality, and demand, affecting water operations in Minturn and presenting challenges related to inadequate streamflows to fulfill the Town's normal water consumption needs. The Town is now at 30% design and engineering for the construction of a new WTP with membrane filtration. Membranes represent best available filtration technology that offers an absolute barrier to particles and pathogens common in surface water while reducing the need for chemical use. This WTP modernization project is supported by recommendations in the 2023 WTP Alternatives Analysis Report, the Town of Minturn's 2019 Water System Capital Improvement Plan, the 2023 Imagine Minturn Community Plan, and the Eagle River Community Water Plan (CWP), among others.

Project Start & Completion Dates:
October 2025 - September 2028 (includes permitting and construction)

Located on Federal Land/Facility: N/A

Background: The Town of Minturn presently operates a direct filtration WTP and over 7 miles of potable water distribution piping. The WTP consists of an intake structure off of Cross Creek, two groundwater wells (Well 3 and 4), Filters 1 and 2, which are earthen pits located outdoors, Filter 3, which is a below-grade concrete tank located indoors, miscellaneous yard piping, and a 572,000-gallon unbaffled concrete storage tank. One slow sand filter (Filter 3) is capable of producing 60 gpm as well as one 1.0-micron cartridge filter (Harmsco PPFS-HC-170-1) that is fed by Filter 2 and is capable of producing 50 gpm of treated water. A process flow diagram of the existing process is presented below. Water treated through Filter #3, and the cartridge filter comes from a surface water diversion on Cross Creek. During spring runoff, turbidity increases in Cross Creek, and Filter 3 struggles to maintain turbidity compliance at higher solid loading levels. Filter 3 is subsequently taken offline for filter skimming (approx. 2-3 months). Groundwater is used as the source of supply during these events. Groundwater wells #3 and #4 provide water to the WTP clearwell where chlorine is applied for disinfection. Wells #3 and #4 can produce up to 80 gpm each (approx. 0.25 mgd).



Process Flow Diagram - Existing WTP Process



Minturn's Existing Slow Sand Filter (Filter 3)

Minturn assigns Single Family Equivalents Equivalent Residential Units (SFEs) to its customers and the Eagle River Water and Sanitation District (ERWSD) handles the billing for the Town,

which also provides records for SFE counts. Currently, there are approximately a total of 730 SFEs served by Minturn, 35.6 SFEs of which are in the Maloit Park Service Area and 693 SFEs in the Town Service Area. The primary water uses for WTP customers are commercial, mixed-use, and residential. No agricultural producers utilize water from the Minturn WTP. In 2023, approximately 134.6 acre-feet of drinking water was treated and distributed.

The Town is at a crossroads and has limited ability to meet additional demand with current water resources and treatment capacity. At over 60 years old, the existing plant struggles to meet Colorado Department of Public Health & Environment (CDPHE) regulations, limiting the quantity of water it can produce. While the Town has addressed the immediate need to bring the plant into compliance with CDPHE, the age and deficiencies at the plant have strained Minturn's water system. The Town installed a cartridge filter to treat surface water diverted from Cross Creek; it is limited to about 50 gallons per minute and is only used in emergencies. It does not provide adequate treatment during spring runoff when there's an abundance of turbidity in the Cross Creek surface water. Minturn is limited in its ability to produce water under its most constrained scenario due to removing two slow sand filters from service due to liner deficiencies. In a worst-case scenario where only one well is operational while Cross Creek is simultaneously experiencing high turbidity, the town cannot meet its average daily water demands.

The slow sand filtration used by the WTP is a biological process that is difficult to control and is not adaptable to changing circumstances. Rehabilitation of the filters carries significant risks that will not solve the underlying issues at the plant. The Town now seeks to replace the existing slow sand filter WTP with a new WTP with a membrane filtration system that will provide resiliency to the water supply, support long-term reliability for the water system, can be modified to adapt to more stringent water quality regulations and added water sources, and provides flexibility in treatment capacity to Minturn.

Minturn Water Supplies (2014-2023):

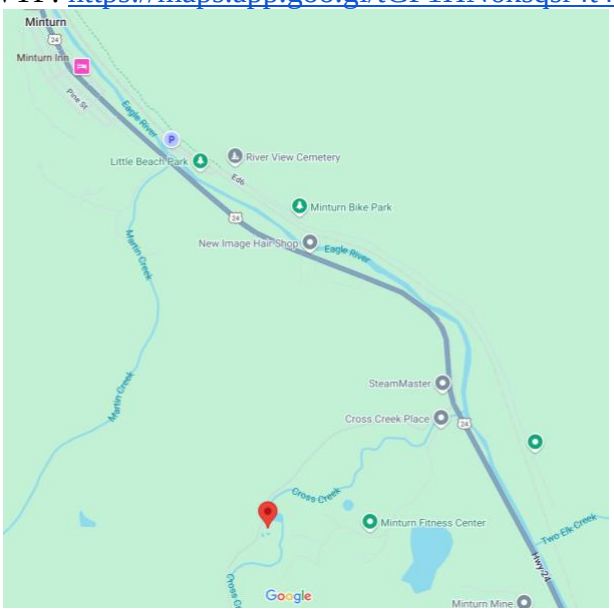
Year	Surface Water Total (acre-feet)*	Agency Groundwater (acre-feet)	Recycled M&I Water (acre-feet)	Other (acre-feet)	Total (acre-feet)
2014	75.7	82.7	0.0	0.0	148.4
2015	68.2	83.3	0.0	0.0	151.5
2016	47.8	142.7	0.0	0.0	190.5
2017	68.7	131.2	0.0	0.0	199.9
2018	106.6	77.0	0.0	0.0	183.6
2019	44.9	132.4	0.0	0.0	177.3

2020	28.6	113.4	0.0	0.0	142.0
2021	51.8	72.5	0.0	0.0	124.3
2022	52.7	106.9	0.0	0.0	159.6
2023	38.3	96.3	0.0	0.0	134.6
Total Average Annual Water Supply for 2014-2023 in AFY =					162.2

Average Annual Water Supply = 162.2 acre-feet (Divide Total Supplies for 2014-2023 above by 10)

Project Location

The Minturn Water Treatment Plant Modernization Initiative is located in Eagle County, Colorado approximately 2 miles south from Minturn's Main Street. The project latitude is [39.56509989203307 N] and longitude is [-106.4182376125237W]. The following link shows the location of the existing WTP: https://maps.app.goo.gl/tGP1HN6ksqsr4t4W9.



Minturn WTP Location Map

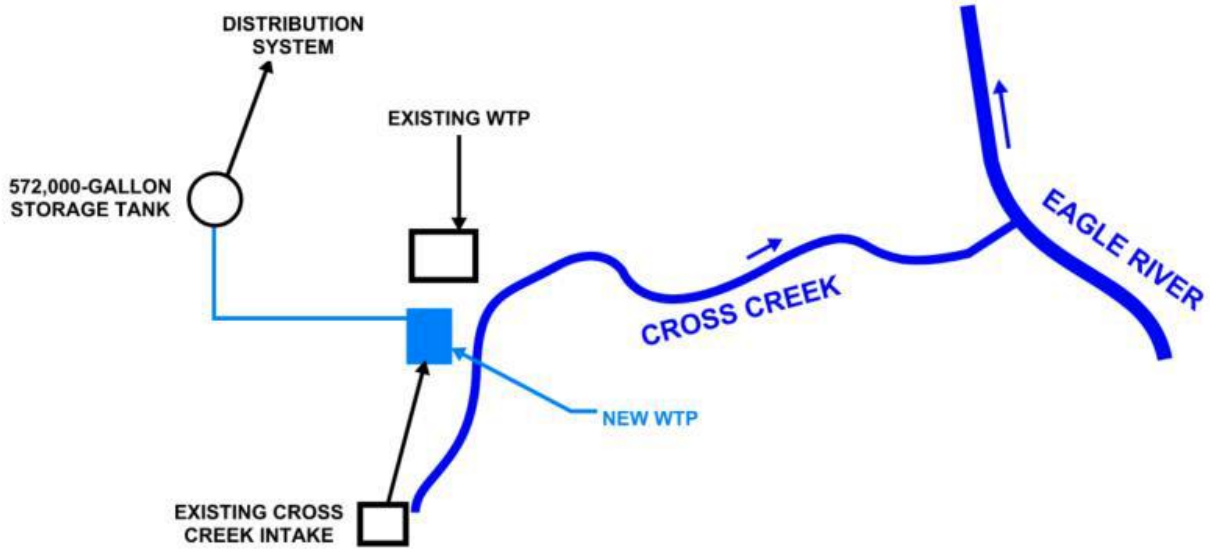


Watershed Area: Upper Eagle River: Cross Creek to Gore Creek:
https://waterplan.eagleriverco.org/reach_2.html

Project Description

The slow sand filtration WTP has served the Town for many years. However, several factors and indicators suggest this technology is dated, not sustainable, and does not reliably produce high-quality drinking water to meet CDPHE regulations and future growth. To address current and future water needs, the Town has completed a Treatment Process Alternatives Analysis as well as 30% design plans for a new membrane WTP. Minturn seeks $3 million in USBR WaterSMART funds with $10,103,325 million in match to complete the following scope of work for the establishment of a new membrane WTP to ensure efficient, manageable operations and reliable regulatory compliance:

- Install two (2) 0.3 mgd membrane skids to provide capacity to meet max day conditions equivalent to 729 SFEs
- Construct a new 3,200 sf building to house the membrane skids and requisite chemical storage systems
- Convert the existing sand filter #3 into residuals treatment for backwash waste
- Provide new diesel generator and electrical entry gear for the new building



Diagrammatic Overview of Proposed WTP

The treatment plant would include two (2) 0.3 mgd membrane skids. Membranes typically operate as a direct filtration process and can effectively operate with little to no pre-treatment, depending on the influent water quality parameters. Direct membrane filtration can effectively handle influent turbidity up to 20 NTU without the need for pre-treatment. Skids are highly automated, simplifying their operation compared to a conventional filtration treatment plant. The proposed two 0.3 mgd rated skids were selected to provide water at the design WTP capacity of 0.6 mgd. The proposed membrane skids can meet the demand of the existing Minturn distribution system with room to spare.

Direct filtration is proposed as Cross Creek water has little dissolved inorganic contaminants throughout much of the year and well usage is planned for periods of high TOC, which membranes struggle to remove without pre-treatment. This will help maintain water quality and capacity when the Cross Creek runoff is too turbid, causing the Town must use its wells, and adding pressure on a limited production capacity.

To achieve adequate disinfection of membrane-treated water with a residual of 1 mg/L chlorine, 80 minutes of disinfection contact time is required. This time is determined by dividing the CTrequired value (8) by the baffling factor (0.1). Under these conditions, the existing 572,000-gallon unbaffled storage tank provides ample contact time at the max design flow of 0.6 mgd. The use of membranes to treat surface water effectively allows the filtrate, or treated water, to have the same disinfection requirements of groundwater, which significantly simplifies the management of chlorine dosing and reporting.

Construction activities would include site civil work comprising filling in the existing slow sand filters that are out of service, new connective yard piping between the new WTP and the existing slow sand filter #3, and storage tank. A new pre-engineered metal building will provide superstructure to house the process treatment equipment, instrumentation, and analyzers which allow for process automation. The project will also include new electrical service from the existing overhead power lines to run a new pad mount transformer and a state-mandated diesel generator will be installed near the new WTP building in case of power failure.

Applicant Category and Eligibility of Applicant

The Town is a Category A applicant. The Town meets the requirements of a Category A applicant since it 1.) is municipality located in the State of Colorado; 2.) owns and manages Minturn's water utility; and 3.) possesses the authority to manage water resources within its jurisdiction.

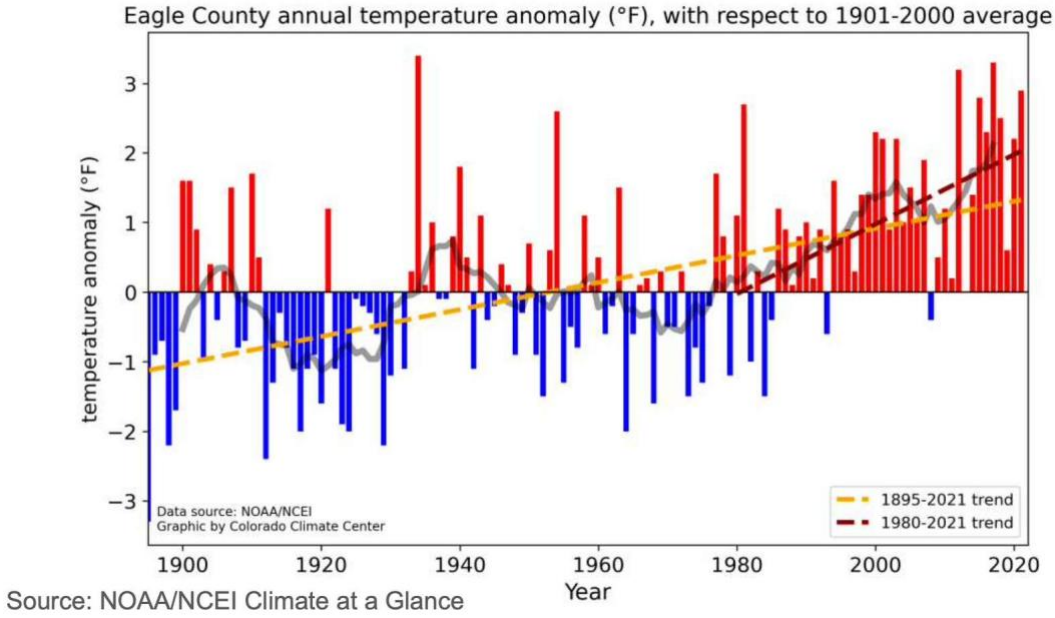
Evaluation Criteria

Evaluation Criterion A. Severity of Drought or Water Scarcity and Impacts

Drought Conditions in the Project Area: Drought conditions are the new normal in Colorado and throughout the West. According to the Eagle County Community Resilience Plan, the County has experienced an estimated 6-8% decline in water supply since 1980, with drought conditions as recently as 2002, 2012, and 2020 resulting in low streamflows and wildfires. Elevation, combined with mountain ranges, results in large statewide differences in yearly precipitation, temperature, humidity, and wind, among other variables. Minturn, with its rugged mountainous landscape, river

valleys, and dense forests, is particularly susceptible to substantial impacts during periods of drought and development conditions that have impacted water availability and flows. Upstream total maximum daily loads (TMDLs) and reservoirs have influenced changes in water flow. The frequency of the natural 1-in-4-year peak flood flow has significantly decreased compared to historical conditions due to water use and management. Peak flow magnitudes during typical and dry years have decreased by 24-30%, respectively. Total annual flow volumes in dry years have declined by 32%, based on findings from the Eagle River Water Plan.

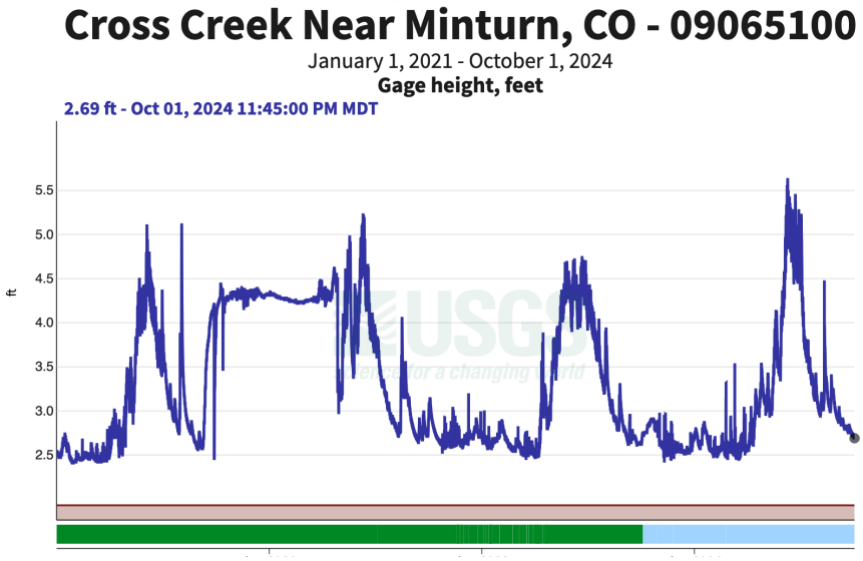
Temperatures in Colorado continue to increase, with a nearly 2-degree change over the average of 1900 to 2000. This has dramatically impacted the length and severity of drought periods. The General Manager for the Colorado River District, Andy Mueller, has noted that for every 1 degree Fahrenheit rise in temperature, streamflow in rivers is reduced by 3% to 9%, though recent studies show that 9% is the more accurate figure. Eagle County continues to experience a trend of high-temperature anomalies that have created and exacerbated drought conditions. The difference now is that even when the precipitation rate is normal or above normal, the higher temperatures cause the land to become "thirstier" and require greater amounts of water to sustain non-drought conditions. This has placed Colorado and many of the Western states in a constant state of drought for most of the 21st century, a 22-year-long "megadrought" that has surpassed the previous worst drought on record.



As record drought persists, West will have to live with less water (Vail Daily, 2022)

USGS findings for Cross Creek Near Minturn Gage height data from 2021 to the present reveal that the river experienced multiple instances of dropping below 2.5 ft. These occurrences had a significant impact on water availability, water quality, and treatment needs. The reduced water flow during these periods placed considerable strain on Minturn's water treatment facilities, exacerbating the challenges posed by the Town's already stressed water treatment capacities. This strain is particularly acute during times of drought and high water demand, as the decreased water availability limits the treatment capacity. Additionally, the low-flow conditions during these periods lead to higher pollutant concentrations, further burdening the Water Treatment Plant's

capacity. Lower river levels typically result in higher water temperatures due to shallower water, which has negative implications for the aquatic ecosystem and can promote the proliferation of harmful bacteria and algae, posing risks to drinking water safety.



USGS Gage Height Data for Cross Creek Near Minturn 1/1/2021 to 10/1/2024

Recognizing its capacity constraints, Minturn has had to limit development and existing customers are subject to water restrictions. This has prompted the Town to stop the issuance of new water tap permits to construction projects involving more than three single-family homes. That moratorium was first issued in 2020 and is ongoing.

Projected Increases in Drought Conditions/Water Scarcity: The Eagle County Community Resilience Plan found that by 2050, the average annual statewide temperature in Colorado is projected to increase by 3.5°F to 6.5°F. Due to climate change, drought conditions vary yearly, and projections indicate that precipitation patterns will become more variable for Eagle County over the coming decades. Rapid temperature escalation and continual climactic variations reduce water supplies, impair water quality, and increase potable water demand.

The slow melting of the snow in the high-country areas is crucial for maintaining consistent water flow in the mountain streams and rivers all year round. When a drought causes low snowpack, it leads to reduced streamflows. Inadequate streamflows will reduce the raw water available to meet the daily water use of Minturn. While drought is a natural phenomenon, its prolonged presence will require Minturn to diversify water sources and increase the Town's ability to process water with increased turbidity.

During the spring runoff, the raw water often becomes more turbid, leading to shorter filter run times. Historically, Minturn has not experienced turbidity levels exceeding 5 NTU in the water from Cross Creek during spring runoff. However, these conditions pose the highest challenges and coincide with the beginning of the high water demand season in Minturn. If there are disturbances in the Cross Creek watershed, such as a forest fire due to drought conditions, managing spring runoff conditions will become more difficult in the future.

Drought and Water Scarcity Impacts: Ongoing and potential drought and water scarcity impacts would further strain Minturn's already stressed and aging water treatment plant. At present, Minturn relies solely on water sourced from Cross Creek and groundwater wells and does not have a backup water source available. It is the intention of the Town to add redundancy and increase WTP capacity with a new source from the Eagle River as a later phase of development; however, the Town's location near the Eagle Mine Superfund Site has resulted in high metal levels in Eagle River waters, which would necessitate pretreatment. Additionally, the Town's water plant struggles to meet CDPHE regulations during spring runoff and is limited in the quantity of treated water it can produce. While currently able to meet demand, the Town has been forced to turn down both businesses and housing development which is further straining the Town's economy. Due to a lack of a reliable water supply, the Town has turned down a hotel development, multiple downtown commercial building sales with the potential to redevelop, and phase 2 of a workforce housing project.

This trend continues with a risk to new developments to the north and west parts of the town, which require an estimated 729 single-family equivalents (SFEs), and would provide additional housing for new residents and sources of revenue for the Town

Drought conditions would also negatively impact the Town's economy, particularly the tourism sector. As a small mountain town, Minturn's economy heavily depends on the recreation economy, including riverine activities like fishing and snow-based activities, including skiing and snowboarding, with the Vail Ski and Snowboard Academy located within the Town. These activities rely on a healthy, stable water supply and favorable weather conditions to maintain economic activity. Yet, in times of drought or water scarcity, snowfall is often reduced, resulting in smaller snowpacks and shorter seasons with limited numbers of open trails, directly reducing the number of visitors to the area and driving down sales and revenues at area businesses, including restaurants, shops, and lodging.

Other Water Related Impacts: The Town has worked through settlements and contracts on servicing and utilizing water. In recent years, the Town has settled disputes with Battle Mountain and Eagle River Water and Sanitation District (ERWSD) to reduce water-related conflicts. All parties have agreed to these conditions. The Town entered into an IGA with ERWSD in the spring of 2021 which allows for a regional water storage reservoir to be built by ERWSD and in exchange the Town will receive storage space in the reservoir for much needed augmentation water.
https://portal.laserfiche.com/Portal/DocView.aspx?id=9728&repo=r-6d769c14

Mintuan has also been supporting ERWSD's efforts to utilize historic Bolts Ditch as a means to gravity fill the future Bolts Reservoir:
https://portal.laserfiche.com/Portal/DocView.aspx?id=9950&repo=r-6d769c14;
https://www.vaildaily.com/news/eagle-county-bolts-ditch-water/

In 2024, the Town and Battle Mountain settled a years long dispute over the 2008 Annexation Agreement which was to provide a new water treatment plant and wastewater treatment plant. Although neither of those pieces of infrastructure are being provided through the settlement, the town hopes to sell parcels of land which are being conveyed and may help to bring town exceptionally high water utility rates for the residents and businesses.

https://portal.laserfiche.com/Portal/DocView.aspx?id=11126&repo=r-6d769c14

Evaluation Criterion B. Project Benefits

Sub-Criterion B.1. Project Benefits (Tasks A, B, D only)

The new water treatment plant (WTP) is anticipated to increase Minturn's water treatment capacity by 414.8% and will be capable of generating 672 AFY (0.6 million gallons per day), whereas the current WTP produces 162 AFY or 0.1 million gallons per day. This estimate was calculated based on the capacity of the lone remaining slow sand filter still in operation, which is limited to 60 gpm (or approximately 0.1 mgd). The 672 AFY is based on the assumption that the WTP will operate at maximum capacity throughout the year; however, WTPs typically adjust production to meet the system's demand. The demand aligns with the average annual supply, which is based on data collected from 2014 to 2023.

Total Project Water Yield in AFY	672
Average Annual Water Supply in AFY (From Table in *Section D.2.2.2. Technical Proposal*, Executive Summary)	162
Percentage Yield (Divide Total Project Water Yield by Average Annual Water Supply)	414.8%

Long-Term Resilience to Drought and Water Reliability Issues: The Minturn WTP Modernization Initiative is designed to significantly enhance the town's water treatment capabilities, which is crucial for building long-term resilience to drought and ensuring water reliability. By adopting an advanced membrane treatment system, this initiative addresses the challenge of increased NTU (Nephelometric Turbidity Units) in water sources, which can be a result of various factors including drought conditions that concentrate pollutants. The enhanced reliability and efficiency of the membrane treatment system mean that it can effectively remove more contaminants from the water, ensuring a consistent supply of clean, safe drinking water even under challenging conditions. This is particularly important in the context of climate change, where unpredictable weather patterns and extended periods of drought can compromise water quality and availability.

Membrane skids can also be successfully turned down to least 50% of their design flow rate, meaning that each skid could run as low as 0.15 mgd. This flexibility means that periods of low demand would not be a major issue. Further, membrane skids are highly resistant to complications associated with starting and stopping. In fact, a membrane skid may start and stop every 20 minutes as it goes through a short backwash cycle. However, membrane systems are designed for continuous operations, meaning both skids would need to run year-round, even during the winter when flows are minimal. In winter months, the two skids would operate in a cycle with one skid operating and one backwashing or primed to come online when the operating skid requires backwashing. This will ensure that both skids remain in continuous operation to reduce the likelihood of interruptions or failures.

This modernization initiative lays the groundwork for Minturn to adapt to future water demand and potential scarcity scenarios. By improving the treatment process, the town is better equipped to manage its water resources sustainably, ensuring that it can meet the needs of its population without over-relying on external water sources, which may also be under strain.

Project Useful Life: The useful life of the new membrane WTP is estimated to be 30 years. The skids include structural framing, supports, and valves that should last up to 30 years with proper maintenance. The membrane modules' expected lifespan, which comprises the skid, are approximately 7 to 10 years before needing to be replaced. The stated membrane replacement interval is typical and consistent with industry standards.

Benefits Associated with Additional Water Supplies: Minturn has had a strict water moratorium in place since 2020. Other than previously approved projects, development is allowed except for unless an existing lot has an allotted SFE or is on an empty lot where one SFE is allowable. The moratorium is in place since the community is at risk of running out of water, which is being exacerbated by increasing heat and growing irrigation needs.

Luckily, the Town has two pre-approved projects that will help support Minturn's current housing needs, the Minturn North project and the Maloit Park Workforce Housing Project. The Minturn North PUD encompasses approximately 12.581 acres stretching along the valley floor between existing Taylor Avenue and Minturn Road. The property is bifurcated by existing Fourth Street. The plan seeks to acknowledge the rich heritage of the Minturn area by providing an appropriately scaled built environment interconnected by low-impact infrastructure, appropriate drainage, cohesive streetscape, open space and community-focused play space. Resident lifestyle and service needs are fulfilled by the existing Town of Minturn commercial activities located a short walk or bike ride away. This proposal seeks to find common ground between future development, existing resident and stakeholder desires along with the need for a diverse, vibrant and eclectic Town of Minturn. The Minturn North Project includes a new 39 single-family residence neighborhood being developed by Resort Concepts. The Town of Minturn approved the Minturn North neighborhood plan on November 17, 2023. Resort Concepts purchased the property on December 12, 2023 and will be breaking ground in Spring 2024.



Minturn North Conceptual Plan

The Maloit Park Workforce Housing Project is a proposed subdivision located on approximately 19.1 acres of Tract A, a 46.9-acre parcel that was created by the 2011 Maloit Park Exemption Plat. The subdivision accommodates lots and tracts that will allow for a total of 137 housing units. This level of development was established in the 2011 Annexation Agreement that gave Eagle County School District (ECSD) the right to develop 120 housing units in addition to the 17 existing units. A combination of duplex lots and parcels for townhomes and multi-family development is proposed. The project is within the Maloit Park Character Area and is zoned mixed-use.

These projects sets the stage for a new chapter in Minturn's history, promising a harmonious blend of contemporary architecture and the pristine beauty of the Rocky Mountains and helping to combat a period of population decline due to the high cost of living. However, these new residents will require a stable, affordable source of water that Minturn now lacks. The community relies on one aging sand filter at an outdated and failing water plant. While Minturn has approved these developments, new and existing residents face an uncertain future without reliable water production. Minturn is currently declining at a rate of -2% annually, and its population has decreased by -8% since the most recent census, which recorded a population of 1,033 in 2020. At the same time, median household income in Minturn rose by over 14% from $90,521 to $103,333.

Outside of these two new developments, affordable housing badly needed by Minturn will not occur without the new water plant. Demand for housing is high and these projects illustrate how Minturn could provide affordable housing for residents, bringing down housing and cost of living for the badly cost-burdenerd community.

Project Supply Benefits: Providing adequate water supplies to the Town of Minturn is critical to buffering against water shortages and enhancing the resilience of the water system. Minturn's existing plant, at over 60-years-old has reached the end of its useful life, and due to limitations imposed by CDPHE, could face a worst-case scenario situation in which only one well is operational while Cross Creek is simultaneously experiencing high turbidity, leaving the town unable to meet its average daily water demands. The project will allow the town to lift the water moratorium it has been under since the spring of 2020 by ensuring reliable water production year-round and improving reliability for maintaining a constant maximum water storage supply. The system's resilience will be further buffered with the membrane plant which comes with replaceable parts in a timely manner, unlike slow sand filters, which can take months to return online due to bacteria regeneration. Given the costs and the risks of filter rehabilitation, the ability of membranes to manage a wide range of variable raw water parameters and the ability to easily expand plant capacity membranes are the most reliable technology to produce water for current and future conditions.

Sub-Criterion B.2. Project Benefits (Task C only)

This Minturn Water Treatment Plant Modernization Initiative is not a Task C project request.

Sub-Criterion B.3. Additional Project Benefits (All Tasks)

Sub-Criterion B.3.a. Climate Change

Upgrading the Minturn Water Treatment Plant (WTP) is crucial to prepare for and adapt to changing hazards, such as increasing drought and wildfire conditions. The Minturn WTP Modernization project aims to enhance drought resiliency and ensure that the Town has sufficient water supplies to address hazards, including wildfires. According to the USBR Water Reliability

in the West, 2021 SECURE Act Report, the Colorado River Basin has been experiencing consistent drought since 2000, with the period from 2000 through 2020 being the driest 21-year period in the Colorado River Basin in more than 100 years of record-keeping. As drought concerns become more prevalent in and around Minturn, it is essential for Minturn to upgrade its WTP to easily expand plant capacity to treat additional water from a new source, the Eagle River.

Wildfires have a range of both short- and long-term effects on watersheds, as per findings from the Water Research Foundation. In the event of a wildfire, these effects may alter source water quality and quantity enough to require utilities to adjust their treatment processes. Currently, the Town is limited to treated water from Cross Creek and two groundwater wells. Modernizing the WTP will also support risk reduction in times of flooding, when the turbidity of the Cross Creek may be high, by providing a backup source through the Eagle River. The new membrane plant brings Minturn one step closer to allowing for the treatment of a secondary water source (which a slow sand filter would be incapable of supporting). The town is currently seeking a 4.0 cfs water right on the Eagle River to create redundancy in the system by providing a secondary water source. The new membrane plant, with specific modifications, would be able to treat Eagle River water, whereas a slow sand filter could not. Therefore, ensuring redundancy in the water system is essential for adequate water supply and demand management measures and this expanded capacity could not be accomplished under present WTP conditions.

Sustainable Infrastructure: The Climate Action Collaborative completed a Water-Energy Nexus Report for the Town of Minturn to provide linkages between water and greenhouse gas emissions for the Town and offer tailored recommendations for water provider operations and customer water conservation strategies. This report found that between 2018 and 2022, emissions per kilogallon in Minturn ranged between 1.6 and 2.25 lbs CO2e. While slow sand filtration provides a less energy-intensive system than a membrane filtration WTP, the new plant will incorporate energy efficiency upgrades such as the installation of efficient technologies, including LED lighting, weatherizing the WTP building structure, and purchasing of energy-efficient all-electirc equipment, wherever possible. These upgrades will reduce associated operational emissions. Minturn is also considering utilizing energy generation from a future solar array to offset the energy consumption of water treatment operations.

Water Pollution Mitigation: The Minturn Water Treatment Plant Modernization Initiative has been designed to address the presence of water pollutants, particularly metals, in the Cross Creek River. Advanced membrane filtration systems achieve high removal efficiency while minimizing the use of chemicals, thereby effectively reducing the levels of pollutants in the water. This method is particularly effective because it targets a wide range of pollutants, ensuring a comprehensive purification process. The use of membranes to treat surface water effectively allows the filtrate, or treated water, to have the same disinfection requirements of groundwater, which significantly simplifies the management of chlorine dosing and reporting.

By minimizing chemical usage in the water treatment process, the project will contribute to the Town's overall goal of reducing water pollution. Traditional water treatment methods often rely heavily on chemicals, which can leave residual pollutants in the water and create additional environmental concerns. By limiting chemical use, the Minturn Water Treatment Plant not only addresses the existing pollution but also prevents the introduction of new pollutants, supporting

overall environmental sustainability. Combining high-efficiency pollutant removal with minimal chemical use promises to enhance the quality of water in the Cross Creek River.

Climate Change Resiliency: Improving the efficiency and capacity of the Minturn WTP is critical to ensuring climate change resilience. As drought and wildfire conditions become more frequent and intense, the Town will need to ensure it can provide an adequate, safe drinking water supply while also addressing its development needs and additional pressures on the water system. The proposed membrane skids can meet the demand of the existing Minturn distribution system with room to spare. Membrane filtration provides good resiliency and would, with proper operation, produce high-quality finished water. The new skids can also be monitored and controlled remotely, favoring Minturn's contract operations model and potentially limiting operational support and providing continuity during emergencies as operator involvement is expected to be less than a conventional treatment process.

Sub-Criterion B.3.b. Ecological Benefits

The enhanced water treatment capacity provided by the Minturn WTP Modernization Initiative will help to promote more sustainable and efficient water use practices, ensuring that the local ecosystem of Cross Creek is not over-extracted and degraded, especially in times of drought. The membrane filtration plant will have a higher water recovery rate, allowing for more efficient use of available water resources relative to the aging slow sand filtration plant. The membrane filtration plant will require fewer chemicals for disinfection, lowering the risk of chemical runoff and reducing potential harm to local ecosystems. As described above, the new plant will incorporate several energy efficiency measures designed to help reduce greenhouse gas emissions and mitigate climate impacts from plant operation as Minturn seeks to ensure that the Town remains an area of pristine wilderness.

The Town is dedicated to minimizing ecological impacts during the design and construction of the WTP. The new WTP will be constructed within the existing plant's footprint, repurposing infrastructure to support new membrane treatment and avoiding disruption to sensitive habitat and wildlife corridors. Erosion and sediment controls will be used to prevent runoff into waterways during construction to minimize impacts to soils and to avoid indirect water quality impacts to Cross Creek, located approximately 120 feet east of the project area. Wildlife-friendly fencing, noise, and light pollution controls will also be implemented to minimize project impacts and support wildlife protection. By prioritizing sustainability and ecological preservation, the project aims to protect Cross Creek in the Holy Cross Wilderness, which is home to a diverse range of aquatic and terrestrial species including 10 species listed, proposed, or candidates for listing under the Endangered Species Act (ESA) such as the Canada lynx, Mexican spotted owl, gray wolf, and yellow-billed cuckoo. The surrounding environment, from alpine meadows to dense forests, supports this diverse array of wildlife and will be further supported by the WTP modernization effort. The construction of the WTP, while near these important habitats, is not identified as critical habitat, according to the U.S. Fish and Wildlife Service (USFWS) Information Planning and Conservation (IPaC) System.

Sub-Criterion B.3.c. Other Benefits

In light of the costs and risks associated with filter rehabilitation, the use of membranes to handle a wide range of variable raw water conditions and to easily expand plant capacity makes

membranes the most reliable technology for producing water to meet both current and future demands. The anticipated expansion of the housing development in the northern region of the Town, coupled with the upcoming construction of additional housing for teachers, is expected to place additional strain on the water system, necessitating an increase to 729 single-family equivalents (SFEs). The proposed modernization of the water treatment plant (WTP), estimated at $13 million, will impose a significant financial burden on this small, rural community. Consequently, homeowners in Minturn may potentially face a substantial monthly rate increase of over $115.

Evaluation Criterion C. Planning and Preparedness

This WTP modernization project is supported by the Town of Minturn's 2019 Water System Capital Improvement Plan, the 2023 Imagine Minturn Community Plan, and the Eagle River Community Water Plan (CWP), and the WTP Alternatives Analysis Report completed in August 2023. The WTP Alternatives Analysis Report serves as the basis for this application and can be found attached as **Appendix C**. This Alternatives Analysis assessed the best path forward for improving the reliability of water production as the existing water treatment plant (WTP) is nearing the end of its serviceable life. A new WTP was proposed to replace the existing one which uses slow sand filtration to treat the surface water. Several alternative treatment process technologies are were considered by Minturn for the new WTP. The treatment technology alternatives under consideration included:

- Alternative A: Rehabilitation of existing slow sand direct filtration WTP
- Alternative B: Construction of new WTP using packaged conventional treatment units with dual-media filters
- Alternative C: Construction of a new WTP with membrane filtration with consideration for expansion and future preliminary treatment

The project team first went through a qualitative exercise to determine the top priorities for Minturn in the selection of the new treatment technology using criteria including resiliency (35%), operations and maintenance (26%), long-term reliability (22%), process modifiability (13%), and capacity flexibility (3%). Their relative importance was developed jointly by HDR and the Minturn Water Committee during a workshop on January 12th, 2023. The criteria below are listed in the order of importance to Minturn.

The Minturn Water Committee included Council members Gusty Kanakis and Lynn Feiger along with Town contract engineer Jeff Spanel, Town WTP operator John Volk and Town Manager Metteer.

The final score provides a qualitative ranking of the alternatives to showcase which treatment technology best meets the priorities of Minturn.

Criteria	Alternative A: Slow Sand Filtration	Alternative B: Packaged WTP	Alternative C: Membrane WTP
Resiliency (35%)	Moderate	Strong	Very Strong
Operations & Maintenance (26%)	Strong	Moderate	Moderate
Long Term Reliability (23%)	Strong	Strong	Strong
Process Modifiability (13%)	Very Low	Strong	Very Strong
Capacity Flexibility (3%)	Low	Moderate	Very Strong
FINAL SCORE	**56**	**64**	**75**

Based on the results of this alternative analysis, it was recommended that Minturn move forward with construction of a new membrane filtration plant. It resulted in the highest qualitative score and is recognized to best address Minturn's priorities for providing a resilient and reliable treatment system. While rehabilitation of the slow sand filters ultimately had the lowest cost of the alternatives, the drawbacks of continuing to rely on an aging technology and cutting off the option for adding Eagle River water in the future far outweigh the cost savings associated with the option. Membrane filtration allows Minturn to address the needs of its existing customers while leaving open the option for future development and water rights.

Evaluation Criterion D. Readiness to Proceed and Project Implementation

Project Schedule: Major Tasks/Milestones:

Major Tasks/Milestones	Planned Start Date	Planned Completion Date
Task 1: Project Management	November 2024	September 2028
Construction Management Contract Awarded	September 2025	
Kick Off Meeting	October 2025	
Oversight of Construction	October 2025	September 2028
Task 2: Environmental Compliance	October 2024	October 2025
NEPA Completed	October 2024	October 2025
Close Out Reporting	June 2028	September 2028
Task 3: Design and Engineering	November 2024	October 2025
60% Design	November 2024	April 2025
90% Design	April 2025	July 2025
100% Design	July 2025	October 2025
Task 4: Permitting	October 2024	May 2026
CDPHE Permit	July 2025	October 2025
Local Permits	October 2025	December 2025
Eagle County 1041 Permit	April 2025	January 2026
Army Corps 404 NWP Permit	April 2025	December 2025

Task 5: Bidding	October 2025	February 2026
Compile Bid Documents	October 2025	November 2025
Bid Released	December 2025	
Bid Awarded	February 2026	
Task 6: Construction	June 2026	September 2028
Ground Breaking	June 2026	
50% Construction	July 2026	January 2027
Construction Completed	January 2027	June 2028
Ribbon Cutting	July 2028	
Task 7: Project Close Out	July 2028	September 2028
Final Report	August 2028	September 2028

Permits and Approvals: The Town will need to obtain several permits before initiating construction and before the new water plant can be brought online. These include:

- **Environmental Protection Agency (EPA) NEPA Permit:** NEPA permitting is required as the project is anticipated to be classified as an Environmental Assessment (EA) due to increasing production capacity over 30%. Tribal consultation on the project is already underway and the Town anticipates completion of NEPA review by October 2025.
- **Colorado Department of Public Health and Environment (CDPHE) Water Quality Control Division (WQCD) Plan and Construction Approval:** Minturn will apply for a CDPHE WQCD Permit upon completion of 90% of the design in July 2025 and anticipates approval by October 2025. The Town and engineering design firm are in consultation with CDPHE concerning the design and anticipate no issues with final approval.
- **Town of Minturn Building Permit:** The Town will apply for a building permit when the design is 100% completed in October 2025. Staff anticipates that the Town Board of Trustees will approve the building permit in December 2025.
- **Eagle County 1041:** Minturn will apply for an Eagle County 1041 Permit in April 2025. The Town anticipates being approved by the County Planning Commission by January 2026.
- **US Army Corps of Engineers 404 Nationwide Permit (NWP) Preconstruction Notice:** The Town will apply for a NWP permit at 60% design in April 2025. The Town has been in communication with the Corps of Engineers and anticipates approval of the permit by December 2025.

Engineering & Design Work: The Town of Minturn has procured HDR Engineering, Inc. through a competitive public bidding process. HDR has completed a project alternatives analysis and 30% design. The Town anticipates that 60% of the design will be completed by April 2025, 90% by July 2025, and 100% by October 2025. Staff, including the Town's Manager, has a bi-weekly meeting with HDR to address on-going concerns and keep the project moving forward. Design elements will be brought to Town Council at 60% and 90%, with final staff review and approval in September 2025.

Land Acquisition: No land needs to be purchased to implement the project.

Federal Lands & Facilities: Minturn's current and proposed water plants are sited on Town-owned land adjacent to the White River National Forest. The Forest Service's Vail Area Holly Cross Office is located just outside Minturn. Many Forest Service employees live within Minturn, and the two organizations have a supportive relationship. The Federal agency supports the new water plant, which will help provide water to suppress community fires before they become wildfires. Since the project is a municipal water supply project, the Forest Service will not contribute funding and is unable to support its completion.

New Policies or Administrative Actions Required: The Town is currently pursuing State Revolving Loan Funds and private loan funds for construction that will serve as the local match. The Town Council will need to approve the final loan before project construction can move forward in mid- 2026. The Town anticipates approving the final loan in Fall 2025 after the project is bid to ensure the correct amount of funding is available to move the project forward in June 2026.

Evaluation Criterion E. Presidential and Department of the Interior Priorities

Climate change and mitigating its impacts on the water supply and region drive the need for Minturn's new water plant. Due to a warming climate, the community will see an extended fire season, decreased snowfall, and increased severity of drought, creating conditions ripe for catastrophic wildfires and increasing pollutants in the water supply. Minturn is also keenly aware of climate change's impacts on Eagle County's water supply, as discussed in **Evaluation Criterion A. Severity of Drought or Water Scarcity and Impacts.** Peak flow magnitudes during typical and dry years have declined 24-30%, respectively. Total annual flow volumes in dry years declined 32% from previous years. Minturn is preparing for a hot, dryer, more fire-prone future. The new water plant will be able to process water with increased pollutants and can be modified to treat water from the Eagle River, increasing long-term resiliency with a second source of drinking water.

As discussed below in the section on disadvantaged communities, the region is at significant risk because of wildfire, flooding, and proximity to the Eagle River Mine Superfund Site. With elevated turbidity levels in Cross Creek, Minturn's drinking water is increasingly impacted by spring runoff. The existing slow sand plant struggles to meet the permit turbidity limits during high turbidity events, forcing the Town to utilize emergency well water.

Before climate change increased temperatures and reduced precipitation in the Colorado Rocky Mountains, Minturn's elevation (7,861 feet) insulated the community's watershed from the impacts of wildfire. According to the Eagle River Fire Protection District, the region sees fires burning hotter and faster; the greatest change in that regard is occurring in areas above 8,000 feet. An example of the growing risk to elevated communities' watersheds in the White River National Forest is the Grizzly Creek Fire in Glenwood Canyon.



2020 Grizzly Creek Fire

The Grizzly Creek wildfire was the largest and most expensive fire in the White River National Forest to date, consuming over 32,000 acres and burning from 5,700 feet to over 10,000 feet. The damage from the Grizzly Creek fire was directly responsible for the major debris flows in Glenwood Canyon in 2021.



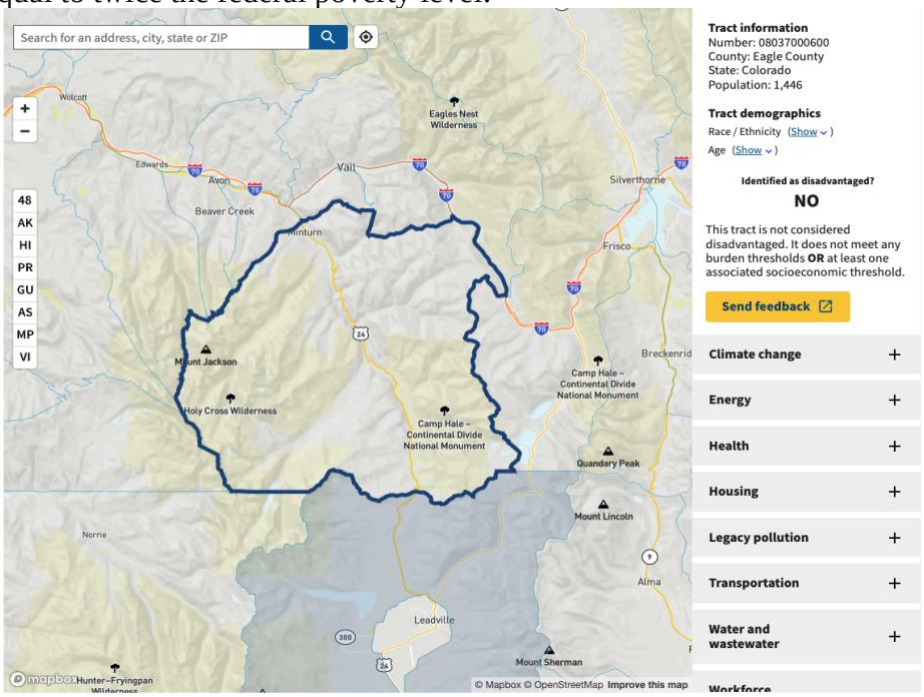
2021 Debris Flows

The Grizzly Creek Fire also burned the watershed for the City of Glenwood Springs and all municipalities that draw directly from the Colorado River. The City of Glenwood Springs had to build a new pre-treatment system and increased the community's use of a secondary water supply due to the fire.

Mintun is planning for a dryer, hotter, more fire-prone future today. The project builds resiliency in the community's water supply. The new water plant will meet the demand of existing customers and maintain treatment capacity during high turbidity events, such as spring runoff or future wildfires. The Town can add pretreatment trains to the plant, allowing future use of water from the Eagle River and a third water source for the community should the current water supply prove insufficient due to drought or untreatable due to a catastrophic wildfire.

Benefits for Disadvantaged Communities: Minturn (Census Tract 08037000600) is a small rural workforce community whose residents primarily serve the ski town of Vail. The proximity of the resort community increases residents' incomes but also exponentially raises housing prices, making the small community unaffordable. While the median household income is $103,333, residents struggle with the high cost of living since the average sales price of a residential home in 2023 was $1.35 million (REDFIN). The large gap between incomes and household expenses leaves residents struggling to pay for basic necessities and drives population decline. Since 2010, the population of Minturn has steadily declined by almost 15% (American Community Survey).

According to the White House Council on Environmental Quality's CEJST tool, Minturn residents, compared to other United States residents, are in the 99th percentile for expected population loss due to fatalities and injuries from natural hazards, the 92nd percentile for flooding, the 72nd for properties at risk from wildfires, and the 91st for homes without indoor kitchens or plumbing. The small rural community is highly vulnerable to natural hazards, and most residents lack the resources to recover following inevitable natural disasters. Latino households comprise 22% of the total population, and the community is in the 37th percentile for households that are less than or equal to twice the federal poverty level.



CEJST Map and Indicators

Income disparities and lack of housing affordability will cause large-scale displacement of residents following natural disasters. Residents who devote a significant portion of their income to housing have limited abilities to bolster their savings, leaving them with few choices following floods or fires. According to Minturn's Community Plan, over half of Minturn households are burdened with housing costs since they pay over 30% or more of their income towards housing (both renters and owners).

Pressure on housing prices also increases due to the lack of a resilient water supply. The Town has had a moratorium in place on water taps for new-build construction projects requiring more than three single-family equivalents since 2020 due to an inability to increase water production. Until Minturn is able to obtain additional potable water capacity and lift the existing water tap moratorium, significant new development is hindered, driving up housing costs and reducing affordability further.

The community also suffers from a legacy of pollution. Minturn ranks in the 86th percentile of communities within 5 kilometers of a listed Superfund or National Priorities List (NPL) site. The 235-acre Eagle Mine Superfund Site is located one mile from the Town, with the Eagle River

running through the site. Gold, silver, copper, and zinc mining and production occurred on the site at various times between the 1880s and 1984, leaving high levels of metals in soils, surface water, and groundwater. EPA placed the site on the NPL in 1986, and to date, cleanup has included the removal of contaminated soils and sediments, containment of mine seepage and runoff, monitoring of surface water, groundwater, pool water, and stream water, and land use controls.

While the CEJST Tool does not classify Minturn as a disadvantaged or historically underserved community, it is at extreme risk from natural disasters, including flooding and wildfire. These threats will make the production of drinking water more challenging and expensive for residents already struggling with basic household necessities. Minturn's new water treatment plant will be a lifeline for the community, allowing additional development, decreasing the cost of housing, increasing tax revenues, and providing safe and ample water for residents even as water grows harder to treat due to fires and flooding.

Tribal Benefits: The project does not serve or benefit a Federally Recognized Tribe.

Evaluation Criterion F. Nexus to Reclamation

The project does not have a nexus to a Reclamation Project.

Evaluation Criterion G. Stakeholder Support for Proposed Project

See **Appendix D** for letters of support from the following Stakeholders:

- Eagle River Fire Protection District
- Eagle River Coalition
- Eagle County School District
- Minturn Community Fund

Performance Measures

The project benefits will be assessed by quantifying the volume of water in acre-feet per year (AFY) to gauge the effectiveness of Task A: Drought Resiliency. This will help in evaluating the enhancements in the reliability of drinking water in Minturn. No grant funding is being requested for monitoring and data management, as the Town already keeps active records on AFY.

D.2.2.3. Budget Narrative

All costs associated with this WTP Modernization initiative are **construction costs**. Construction includes the following in alignment with the Section B of the SF424A:

Contractual Services: Construction Management, including construction oversight and inspection, is necessary to facilitate the successful implementation of this WTP modernization. Construction management was estimated at $250/hr x 4,800 hrs = $1.2 million.

Construction Materials & Equipment: The attached Opinion of Probable Cost, **(Appendix B)** provided to the Town by Glacier Construction, identifies all materials, supplies, and equipment needed for this project, estimated at $11,903,325.

The project budget includes $6 million in federal funding, including the $3 million requested from the USBR WaterSMART program and $3 million in congressionally-directed spending, EPA State and Tribal Assistance (STAG) funds. US EPA STAG funds require a $750,000 local match. In

addition, the Town plans to seek $1 million in Colorado Department of Local Affairs (DOLA) funds and apply for a $7 million loan to support construction activities, as depicted in the chart below.

Source	Federal	Non-Federal
WaterSMART Request	$3,000,000	
CDS funds	$3 million, including $1 million in FY23 funds; and $2 million in FY24 funds	$750,000
DOLA EIAF (Planned)		$1 million
SLFR or Private Loan (Planned)		$5,353,325
Total	$6,000,000	$7,103,325

D.2.2.4. Environmental and Cultural Resources Compliance

Will the proposed project impact the surrounding environment (e.g., soil [dust], air, water [quality and quantity], animal habitat)? Please briefly describe all earth-disturbing work and any work that will affect the air, water, or animal habitat in the project area. Please also explain the impacts of such work on the surrounding environment and any steps that could be taken to minimize the impacts, as well as any other past, present, or reasonably foreseeable future developments that you are aware of that will affect these same resources in the surrounding area.

All work, including earth-disturbing work, will occur within the existing Minturn Water Treatment Plant (WTP) property, which has been previously disturbed. As such, project impacts to the surrounding environment will be minimal. As discussed below under the discussion of threatened and endangered species, the area where the most ground disturbing activities will occur is where the existing filter ponds are, which will be filled and the new WTP will be constructed on top.

Earth-disturbing work within the WTP property will include some grading, excavation for the removal of existing pipe, filling of the existing filter ponds, and removal of sand, gravel, and PVC underdrain piping. Excavation will extend at least 3 feet in depth. Some soil will be removed from around the filter ponds and replaced with structural fill. While the project will include vegetation removal of grasses, forbs, and some shrubs, no tree removal will occur. These activities will temporarily disturb soils and subject them to erosion. During grading and excavating activities, erosion and sediment control measures will be implemented to minimize impacts to soils and to avoid indirect water quality impacts to Cross Creek, located approximately 120 feet east of the project area.

The new WTP will utilize the existing Cross Creek surface water intake. Compliance with all existing permit requirements for that intake will be maintained with the new WTP.

While the project will add additional impervious surface (3,200 square feet associated with the WTP building) within the project area, the development of the existing WTP has left the project area largely devoid of environmental resources. Reasonable measures have been taken to avoid environmental resource features within the project area (i.e., wetlands, trees, etc.), which could provide habitat for wildlife. The WTP design includes stormwater management measures.

Construction-related emissions from equipment and machinery and earthmoving activities would result in particulate matter from fugitive dust. Best management practices (BMPs) would be implemented during construction to reduce vehicle idle time, to ensure vehicles are well-maintained, to utilize dust reduction methods, and to utilize vehicles and machinery that comply with EPA emission standards.

With respect to other past, present, and reasonably foreseeable future developments near the project area, there is new residential development proposed in subdivisions approximately 1-2 miles away and a 250-acre expansion of the Beaver Creek Resort that was completed approximately two years ago. The Beaver Creek Expansion occurred over seven miles away from the project area and therefore did not affect the same resources. The proposed new residential development would be anticipated to impact surrounding air quality similar to the proposed WTP. Air emissions would increase temporarily during construction activities but will be below *de minimis* thresholds.

Are you aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the project area? If so, would they be affected by any activities associated with the proposed project?

According to the U.S. Fish and Wildlife Service (USFWS) Information Planning and Conservation (IPaC) System, 10 species listed, proposed, or candidate for listing under the Endangered Species Act (ESA) have the potential to occur within, or be impacted by, a project at this location (USFWS 2024a). Species include: Canada lynx (*Lynx canadensis*; Threatened), gray wolf (*Canis lupus*; Experimental Population), Mexican spotted owl (*Strix occidentalis lucida*; Threatened), yellow-billed cuckoo (*Coccyzus americanus*; Threatened), bonytail (*Gila elegans*; Endangered), Colorado pikeminnow (*Ptychocheilus Lucius*; Endangered), humpback chub (*Gila cypha*; Threatened), razorback sucker (*Xyrauchen texanus*; Endangered), monarch butterfly (*Danaus Plexippus*; Candidate), and the Ute ladies'-tresses (*Spiranthes diluvialis*; Threatened). There is no critical habitat within the project area.

Of these species, based on the habitat within and adjacent to the project area, the Canada lynx, gray wolf, Mexican spotted owl, and monarch butterfly have the potential to occur within or adjacent to the project area. The project will occur entirely within the Minturn WTP site and given the existing facilities on the site, there is limited habitat for species within the project area. While trees do occur within the project area, tree removal will not occur as part of the project. The area where the most ground disturbing activities will occur is where the existing filter ponds are, which will be filled and the new WTP will be constructed on top. The existing filter pond area is currently fenced off by a chain link fence and, combined with the lack of vegetation within that area, does not offer suitable habitat for any of the listed species. Other impacts, such as the increase of noise

during project construction, may have an effect on listed species with the potential to occur within or around the project area. However, impacts will be temporary and limited to the duration of construction activities.

Are there wetlands or other surface waters inside the project boundaries that potentially fall under CWA jurisdiction as "Waters of the United States"? If so, please describe and estimate any impacts the proposed project may have.
One potential jurisdictional Waters of the U.S. (WOTUS) feature, Cross Creek, flows adjacent to the project area, approximately 120 feet east of the project boundary. The USFWS National Wetland Inventory (NWI) identifies palustrine scrub/shrub deciduous wetlands adjacent to Cross Creek, which approach the project boundaries in some areas (USFWS, 2024b). A site visit was conducted in September 2022 to document biological resources in and surrounding the project area, including wetlands. Several wetland areas were delineated adjacent to the project area including one large wetland between the project area and Cross Creek, similar to what is shown on the NWI mapping. The results of this delineation were utilized by the project team in order to avoid impacts to wetlands during project activities. All delineated wetlands have been avoided by the current design; therefore, no direct impacts to wetlands will occur with construction of the new WTP. Indirect impacts to adjacent wetlands will be avoided through the implementation of erosion and sediment control measures and other BMPs.

When was the water delivery system constructed?
The slow-sand water filtration and treatment plant was constructed in 1965. The original outdoor filters were built in 1965, and the indoor slow-sand filter was added in the 1990s.

Will the proposed project result in any modification of or effect to, individual features of an irrigation system (e.g. headgates, canals, or flumes)? If so, state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features completed previously.
No modifications to irrigation systems are anticipated as a result of this project.

Are any buildings, structures, or features in the project area listed or eligible for listing on the National Register of Historic Places?
A review of the Colorado Office of Archaeology and Historic Preservation (OAHP) Compass database did not identify previously listed or eligible historic resources within or intersecting the project area (Colorado OAHP, 2024). While the existing water treatment plant is approximately 60 years old, no information was found indicating that this site has been previously evaluated for National Register of Historic Places (NRHP) eligibility.

Are there any known archaeological sites in the proposed project area?
Based on an archaeological review of the OAHP Compass database, two previously evaluated archaeological sites were identified within or intersecting the project area (Colorado OAHP, 2024). Both sites were determined Officially Not Eligible for listing on the National Register of Historic Places in 2020.

Will the proposed project have an adverse and disproportionate effect on communities with environmental justice concerns (as discussed in E.O. 14096)?
Based on a review of the U.S. Census Bureau's American Community Survey 2022 5-year data

for the census track and block group that covers the project area, there are no environmental justice populations present (U.S. Census Bureau, 2022).

Will the proposed project limit access to, and ceremonial use of, Indian sacred sites or result in other impacts on tribal lands?

A review of Indian sacred sites and tribal lands was conducted in accordance with the *National Register Bulletin No. 38: Guidelines for Evaluating and Documenting Traditional Cultural Properties* (National Park Service, 1998) and the "Fundamentals for Managing the Cultural Heritage Program: Traditional Cultural Places and Indian Sacred Sites" (Bureau of Land Management, 2024). There are no Indian sacred sites or tribal lands within or adjacent to the project area.

Will the proposed project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?

Noxious weed species documented near the project location include dalmatian toadflax (*Linaria dalmatica*), Canada thistle (*Cirsium arvense*), oxeye daisy (*Leucanthemum vulgare*), and scentless chamomile (*Tripleurospermum inodorum*) (near US 24) (University of Georgia, 2024). Additionally, during a site visit conducted in September 2022, common mullein (*Verbascum thapsus*), musk thistle (*Carduus nutans*), and hairy willow herb (*Epilobium hirsutum*) were observed near the project area. The implementation of BMPs to be used throughout the duration of the project will prevent the introduction or spread of noxious weeds within the project area.

References

Bureau of Land Management, 2004. "Fundamentals for Managing the Cultural Heritage Program: Traditional Cultural Places & Indian Sacred Sites." Available at: https://www.ntc.blm.gov/krc/system/files?file=legacy/uploads/18293/GuidetoTCPs%26SacredSites.pdf.Accessed October 4, 2024.

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USFWS, 2024b. "National Wetlands Inventory: Wetlands Mapper." Available at: https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/. Accessed October

2024.

D.2.2.5. Required Permits or Approvals

The Town will need to obtain several permits and approvals before initiating construction and before the new water plant can be brought online, consistent with local, state, and federal requirements. These include:

- **Environmental Protection Agency (EPA) NEPA Permit:** NEPA permitting is required as the project is anticipated to be classified as an Environmental Assessment (EA) due to increasing production capacity over 30%. Tribal consultation on the project is already underway and the Town anticipates completion of NEPA review by October 2025. **Colorado Department of Public Health and Environment (CDPHE) Water Quality Control Division (WQCD) Plan and Construction Approval:** Minturn will apply for a CDPHE WQCD Permit upon completion of 90% of the design in July 2025 and anticipates approval by October 2025. The Town and engineering design firm are in consultation with CDPHE concerning the design and anticipate no issues with final approval.
- **Town of Minturn Building Permit:** The Town will apply for a building permit when the design is 100% completed in October 2025. Staff anticipates that the Town Board of Trustees will approve the building permit in December 2025.
- **Eagle County 1041:** Minturn will apply for an Eagle County 1041 Permit in April 2025. The Town anticipates being approved by the County Planning Commission by January 2026.
- **United States Forest Service (USFS) Special Use Permit (SUP):** The Town will apply for a USFS SUP permit in October 2025 upon completion of design. Minturn anticipates having approval by May 2026. The Town has been in close communication with the Forest Service and anticipates no issues with approval.
- **US Army Corps of Engineers 404 Nationwide Permit (NWP) Preconstruction Notice:** The Town will apply for a NWP permit at 60% design in April 2025. The Town has been in communication with the Corps of Engineers and anticipates approval of the permit by December 2025.

D.2.2.6. Overlap or Duplication of Effort Statement

Minturn affirms that no overlap exists between the proposed project and any other active or anticipated proposals or projects in terms of activities, costs, or commitment of key personnel.

D.2.2.7. Conflict of Interest Disclosure Statement

Minturn affirms that there is no actual or potential conflict of interest with any employees of Minturn as it relates to this application.

D.2.2.8. Uniform Audit Reporting Statement

Minturn is not required to submit a Single Audit report in Fiscal Year 2023 as federal funding did not exceed $750,000.

D.2.2.9. Disclosure of Lobbying

Minturn has submitted a completed and signed SF-LLL: Disclosure of Lobbying Activities form.

EAGLE RIVER COALITION

Protecting Our Local Watersheds

October 3, 2024

Maria Camille Calimlim Touton
Commissioner, U.S. Bureau of Reclamation
1849 C Street NW
Washington, DC 20240

Subject: Support for the Town of Minturn's Water Treatment Modernization Initiative

Dear Commissioner Calimlim Touton,

On behalf of the Eagle River Coalition, I write to express our strong support for the Town of Minturn's *"Minturn Water Treatment Modernization Initiative,"* which is seeking U.S. Bureau of Reclamation (USBR) WaterSMART Drought Resiliency funding. With USBR support, the Town will modernize its 60+ year-old water treatment facility by building a new plant with membrane filtration and associated water utility improvements. This facility is critical to meeting the Town's current and future water needs and increasing the reliability of water supplies for this small, rural community.

Eagle River Coalition advocates for the health of the Upper Colorado and Eagle River watersheds through research, education, and restoration projects. We protect and enhance the natural, scenic, and economic values that our rivers and tributaries provide to the residents, visitors, and wildlife of Eagle County. We support the Water Treatment Plant Modernization project because improvements to the WTP are critical to not only improving water infrastructure and reliability to protect the well-being of Minturn residents, but a new membrane treatment plant will support water resilience and reliability. This goal aligns with the completed Eagle River Community Water Plan objective: Meet projected municipal water demands of expected population growth in Eagle County given the uncertainty of a changing climate.

Thank you for considering the *Minturn Water Treatment Plan Modernization Initiative. P*lease do not hesitate to contact me directly if you wish to discuss this. We also thank you for considering the Town of Minturn's funding request.

Sincerely,

James Dilzell

James Dilzell

Executive Director, Eagle River Coalition

October 2, 2024

Maria Camille Calimlim Touton
Commissioner
U.S. Bureau of Reclamation
1849 C Street NW
Washington, DC 20240

Subject: Support for the Town of Minturn's Water Treatment Modernization Initiative

Dear Commissioner Calimlim Touton,

On behalf of the Eagle River Fire Protection District, I write to express our strong support for the Town of Minturn's *"Minturn Water Treatment Modernization Initiative,"* which is seeking U.S. Bureau of Reclamation (USBR) WaterSMART Drought Resiliency funding. With USBR support, the Town will modernize its 60+ year-old water treatment facility by building a new plant with membrane filtration and associated water utility improvements. This facility is critical to meeting the Town's current and future water needs and increasing the reliability of water supplies for this small, rural community.

The Eagle River Fire Protection District supports Minturn's Water Treatment Plant Modernization project for the following reasons:

1. Enhanced Fire Safety: Modernizing the water treatment plant ensures a reliable water supply, crucial for firefighting operations, especially in emergencies. Our region is seeing fires that burn hotter and faster, and the greatest change in that regard is occurring in areas above 8,000 feet.

2. Improved Water Quality: Upgrading the plant will enhance the quality of water available to residents, reducing health risks and ensuring safe drinking water.

3. Infrastructure Reliability: The current plant, built in the 1960s, is outdated. Modernization will prevent potential failures and ensure consistent water service.

4. Economic Benefits: A modern water treatment facility can attract new businesses and residents, boost the local economy, and provide financial stability.

5. Environmental Protection: Upgrading to more efficient technology will reduce environmental impact, ensuring sustainable water management practices.

Thank you for considering the *Minturn Water Treatment Modernization Initiative Project.* Please do not hesitate to contact me directly if you wish to discuss this. We also thank you for considering the Town of Minturn's funding request.

Sincerely,



Karl Bauer, Fire Chief
M.S., CFO, EFO

Sandra Farrell, C.P.A.
Chief Operating Officer
sandra.farrell@eagleschools.net

EAGLE COUNTY SCHOOLS

October 4, 2024

Maria Camille Calimlim Touton
Commissioner
U.S. Bureau of Reclamation
1849 C Street NW
Washington, DC 20240

Re: Support for the Town of Minturn's Water Treatment Modernization Initiative

Dear Commissioner Calimlim Touton,

On behalf of the Eagle County School District RE50J, I write to express our strong support for the Town of Minturn's "Minturn Water Treatment Modernization Initiative," which is seeking U.S. Bureau of Reclamation (USBR) WaterSMART Drought Resiliency funding. With USBR support, the Town will modernize its 60+ year-old water treatment facility by building a new plant with membrane filtration and associated water utility improvements. This facility is critical to meeting the Town's current and future water needs and increasing the reliability of water supplies for this small, rural community.

Eagle County School District (ECSD) provides PK-12 public education to approximately 6,500 children in Eagle County. This includes Vail Ski and Snowboard Academy (VSSA) located in Maloit Park, Minturn and currently has over two-hundred students attending it. VSSA is a unique public school that allows serious winter sports athletes the opportunity of training and competition in their sport at Ski and Snowboard Club Vail (SSCV) in a challenging, college-preparatory academic environment. Maloit Park, which features 10 kilometers of Nordic trails, is built and maintained by SSCV. First opened in 2011, the SSCV Nordic Center has quickly become the setting for world-class training and competition as a FIS-homologated site that has played host to numerous high-level events, such as NCAA Regionals. The trails also provide a great venue for the community to enjoy the outdoor sports of Nordic skiing and snowshoeing. Other outdoor activities occur year-round on the multiple trails and throughout the open space.

ECSD supports the Minturn's Waer Treatment Modernization Initiative. Maloit Park has a small ECSD mobile home park that currently provides housing opportunities for sixteen families The district is also moving forward with housing development that will provide an additional 120 housing units for teachers and district employees over the next few years. Having access to safe drinking water for residents is a priority. The concern about the capacity to meet future development exists for the district even though these 120 units were secured prior to the moratorium. ECSD is relying on these homes to be affordable to help attract and retain staff. The fear of having significant rate increases will impact the affordability of these units. The financial impact to improve the water treatment plant is very significant so any additional resources accessible to the Town of Minturn will be beneficial to current and future residents.

pho: 970 328-6321 fax: 970 328-1024
948 Chambers Ave • PO Box 740 • Eagle, CO 81631

Sandra Farrell, C.P.A.
Chief Operating Officer
sandra.farrell@eagleschools.net

EAGLE COUNTY SCHOOLS

Thank you for considering the Minturn Water Treatment Plan Modernization Initiative. Please do not hesitate to contact me directly if you wish to discuss this. We also thank you for considering the Town of Minturn's funding request.

Regards

Sandra Farrell

Sandra Farrell
Chief Operating Officer
Eagle County School District

pc: ECSD Business Services

pho: 970 328-6321 fax: 970 328-1024
948 Chambers Ave • PO Box 740 • Eagle, CO 81631

October 2, 2024

Maria Camille Calimlim Touton
Commissioner
U.S. Bureau of Reclamation
1849 C Street NW
Washington, DC 20240

Subject: Support for the Town of Minturn's Water Treatment Modernization Initiative

Dear Commissioner Calimlim Touton,

On behalf of the Minturn Community Fund, I write to express our strong support for the Town of Minturn's *"Water Treatment Modernization Initiative,"* which is seeking U.S. Bureau of Reclamation (USBR) WaterSMART Drought Resiliency funding. With USBR support, the Town will modernize its 60+ year-old water treatment facility by building a new plant with membrane filtration and associated water utility improvements. This facility is critical to meeting the Town's current and future water needs and increasing the reliability of water supplies for this small, rural community.

The Minturn Community Fund (MCF) is a non-profit organization that was founded over 20 years ago and exists to connect the people, enhance the lives, and preserve the culture of Minturn. We have partnered with the Town since our inception and value the many collaborative projects, programs, and initiatives we have tackled together. The MCF supports this *Water Treatment Modernization Initiative* because improvements to the WTP are essential to improving water infrastructure and reliability to protect the well-being of Minturn residents. Without federal funding support, the high cost of modernizing Minturn's water infrastructure will put a significant strain on our neighbors, with homeowners facing a monthly rate increase of more than $115. Keeping Minturn an affordable place to reside and raise a family is a vital piece of "enhancing the lives" of our community.

Thank you for considering the Town of Minturn's *Water Treatment Modernization Initiative.* On behalf of the entire MCF Board, please give Minturn's application the highest consideration.

Please do not hesitate to contact me directly if you wish to discuss this further.
Sincerely,

Diana Scherr, President of the Board
970-376-4445 cell

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 10/07/2024

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Town of Minturn, Colorado

* b. Employer/Taxpayer Identification Number (EIN/TIN): 84-6000697

* c. UEI: R179TJG2WPX4

d. Address:

* Street1: 302 Pine Street
Street2: #309
* City: Minturn
County/Parish: Eagle
* State: CO: Colorado
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 81645-5016

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Michelle
Middle Name:
* Last Name: Metteer
Suffix:

Title: Town Manager

Organizational Affiliation: Town of Minturn, Colorado

* Telephone Number: 970-827-5645x8
Fax Number:

* Email: manager@minturn.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Bureau of Reclamation

11. Catalog of Federal Domestic Assistance Number:

15.514

CFDA Title:

Reclamation States Emergency Drought Relief

*** 12. Funding Opportunity Number:**

R25AS00013

* Title:

WaterSMART Drought Response Program: Drought Resiliency Projects for Fiscal Year 2025

13. Competition Identification Number:

R25AS00013

Title:

WaterSMART Drought Response Program: Drought Resiliency Projects for Fiscal Year 2025

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Minturn Water Treatment Plant (WTP) Modernization Initiative

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: CO002 * b. Program/Project: CO002

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2025 * b. End Date: 09/30/2028

18. Estimated Funding ($):

* a. Federal	6,000,000.00
* b. Applicant	750,000.00
* c. State	1,000,000.00
* d. Local	0.00
* e. Other	5,353,325.00
* f. Program Income	0.00
* g. TOTAL	13,103,325.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Madison

Middle Name:

* Last Name: Harris

Suffix:

* Title: Planner

* Telephone Number: 370-445-2429 Fax Number:

* Email: planner1@minturn.org

* Signature of Authorized Representative: Madison Harris * Date Signed: 10/07/2024

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. WaterSMART Drought Response Program: Drought Resiliency Projects for Fiscal Year 2025	15.514	$	$	$ 6,000,000.00	$ 7,103,325.00	$ 13,103,325.00
2.						
3.						
4.						
5. Totals		$	$	$ 6,000,000.00	$ 7,103,325.00	$ 13,103,325.00

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Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	WaterSMART Drought Response Program: Drought Resiliency Projects for Fiscal Year 2025				
a. Personnel	$	$	$	$	$
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction	13,103,325.00				13,103,325.00
h. Other					
i. Total Direct Charges (sum of 6a-6h)	13,103,325.00				$ 13,103,325.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 13,103,325.00	$	$	$	$ 13,103,325.00
7. Program Income	$	$	$	$	$

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Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. WaterSMART Drought Response Program: Drought Resiliency Projects for Fiscal Year 2025	$ 750,000.00	$ 1,000,000.00	$ 5,353,325.00	$ 7,103,325.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 750,000.00	$ 1,000,000.00	$ 5,353,325.00	$ 7,103,325.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 2,000,000.00	$ 500,000.00	$ 500,000.00	$ 500,000.00	$ 500,000.00
14. Non-Federal	$ 2,364,000.00	591,000.00	591,000.00	591,000.00	591,000.00
15. TOTAL (sum of lines 13 and 14)	$ 4,364,000.00	$ 1,091,000.00	$ 1,091,000.00	$ 1,091,000.00	$ 1,091,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. WaterSMART Drought Response Program: Drought Resiliency Projects for Fiscal Year 2025	$ 2,000,000.00	$ 2,000,000.00	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 2,000,000.00	$ 2,000,000.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

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Prescribed by OMB (Circular A -102)

OMB Expiration Date: 02/28/2025

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.

2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.

3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.

4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.

5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).

6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C.§§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.

8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.

10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is $10,000 or more.

11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).

12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.

13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593(identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).

14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.

15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.

16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.

17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."

18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE
Madison Harris	Planner
APPLICANT ORGANIZATION	DATE SUBMITTED
Town of Minturn, Colorado	10/07/2024

Standard Form 424B (Rev. 7-97) Back

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	$	$	$
2. Land, structures, rights-of-way, appraisals, etc.	$	$	$
3. Relocation expenses and payments	$	$	$
4. Architectural and engineering fees	$	$	$
5. Other architectural and engineering fees	$	$	$
6. Project inspection fees	$	$	$
7. Site work	$	$	$
8. Demolition and removal	$	$	$
9. Construction	$ 13,103,325.00	$	$ 13,103,325.00
10. Equipment	$	$	$
11. Miscellaneous	$	$	$
12. SUBTOTAL *(sum of lines 1-11)*	$ 13,103,325.00	$	$ 13,103,325.00
13. Contingencies	$	$	$
14. SUBTOTAL	$ 13,103,325.00	$	$ 13,103,325.00
15. Project (program) income	$	$	$
16. TOTAL PROJECT COSTS *(subtract #15 from #14)*	$ 13,103,325.00	$	$ 13,103,325.00

FEDERAL FUNDING

17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.	Enter eligible costs from line 16c Multiply X ____ %	$ 0.00

ASSURANCES - CONSTRUCTION PROGRAMS

OMB Number: 4040-0009
Expiration Date: 02/28/2025

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant:, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progressive reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards of merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29) U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statue(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statue(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.

12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.

14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is $10,000 or more.

15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).

16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.

17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq).

18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."

19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

20. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE
Madison Harris	Planner
APPLICANT ORGANIZATION	DATE SUBMITTED
Town of Minturn, Colorado	10/07/2024

SF-424D (Rev. 7-97) Back

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1238-Technical Proposal_FINAL.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

The following attachment is not included in this view since it is not a read-only PDF file.

The agency will receive all application forms and attachments without any data loss.

ProjectNarrativeAttachments_1_2-Attachments-1238-Technical Proposal_FIN AL.pdf

Budget Narrative File(s)

*** Mandatory Budget Narrative Filename:** 1234-Attachment A - Budget Detail and Narrative.xl

Add Mandatory Budget Narrative | Delete Mandatory Budget Narrative | View Mandatory Budget Narrative

To add more Budget Narrative attachments, please use the attachment buttons below.

Add Optional Budget Narrative | Delete Optional Budget Narrative | View Optional Budget Narrative

The following attachment is not included in this view since it is not a read-only PDF file.

The agency will receive all application forms and attachments without any data loss.

BudgetNarrativeAttachments_1_2-Attachments-1234-Attachment A - Budget D

etail and Narrative.xlsx

ATTACHMENTS FORM

Instructions: On this form, you will attach the various files that make up your grant application. Please consult with the appropriate Agency Guidelines for more information about each needed file. Please remember that any files you attach must be in the document format and named as specified in the Guidelines.

Important: Please attach your files in the proper sequence. See the appropriate Agency Guidelines for details.

1) Please attach Attachment 1	1235-Appendix B_WaterSMART_Mi	Add Attachment	Delete Attachment	View Attachment
2) Please attach Attachment 2	1236-Appendix C_WaterSMART_Mi	Add Attachment	Delete Attachment	View Attachment
3) Please attach Attachment 3	1237-Appendix D _WaterSMART_M	Add Attachment	Delete Attachment	View Attachment
4) Please attach Attachment 4		Add Attachment	Delete Attachment	View Attachment
5) Please attach Attachment 5		Add Attachment	Delete Attachment	View Attachment
6) Please attach Attachment 6		Add Attachment	Delete Attachment	View Attachment
7) Please attach Attachment 7		Add Attachment	Delete Attachment	View Attachment
8) Please attach Attachment 8		Add Attachment	Delete Attachment	View Attachment
9) Please attach Attachment 9		Add Attachment	Delete Attachment	View Attachment
10) Please attach Attachment 10		Add Attachment	Delete Attachment	View Attachment
11) Please attach Attachment 11		Add Attachment	Delete Attachment	View Attachment
12) Please attach Attachment 12		Add Attachment	Delete Attachment	View Attachment
13) Please attach Attachment 13		Add Attachment	Delete Attachment	View Attachment
14) Please attach Attachment 14		Add Attachment	Delete Attachment	View Attachment
15) Please attach Attachment 15		Add Attachment	Delete Attachment	View Attachment

Town of Minturn, CO WTP
30% OPC

THIS IS AN EXAMPLE BID PRICE BASED ON THE AUG 2024 30% DRAWINGS FOR WORK BEGINING IMMEDIATLEY. RECOMMEND THE TOWN CONSIDER **$12M TO $14M FOR PLANNING PURPOSES.**

			12.50%	1.00%	0.1500%	0.000%	0.000%	0.300%	0.300%	
		$ 10,242,477.91	$ 1,463,211.13	$ 118,418.71	$ 17,762.81	$ -	$ -	$ 30,727.43	$ 30,727.43	$ 11,903,325.41
BID ITEM DESCRIPTION	**QUANTITY**	**ESTIMATED COST**	**OH&P**	**BONDS**	**BLDR RISK**	**BLDG PERMIT**	**EXCISE TAX**	**PROCORE**	**WARR WORK**	**EXTENDED PRICE**
01 - General Conditions	1	$ 810,341.32	$ 115,763.05	$ 9,368.78	$ 1,405.32	$ -	$ -	$ 2,431.02	$ 2,431.02	$ 941,740.51
02 - Existing Conditions	1	$ 58,501.31	$ 8,357.33	$ 676.36	$ 101.45	$ -	$ -	$ 175.50	$ 175.50	$ 67,987.47
03 - Concrete	1	$ 562,071.51	$ 80,295.93	$ 6,498.41	$ 974.76	$ -	$ -	$ 1,686.21	$ 1,686.21	$ 653,213.04
04 - Masonry	1	$ 177,390.94	$ 25,341.56	$ 2,050.91	$ 307.64	$ -	$ -	$ 532.17	$ 532.17	$ 206,155.39
05 - Metals	1	$ 40,964.10	$ 5,852.01	$ 473.61	$ 71.04	$ -	$ -	$ 122.89	$ 122.89	$ 47,606.55
06 - Woods and Plastics	1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
07 - Thermal and Moisture	1	$ 31,264.12	$ 4,466.30	$ 361.46	$ 54.22	$ -	$ -	$ 93.79	$ 93.79	$ 36,333.69
08 - Openings	1	$ 110,958.52	$ 15,851.22	$ 1,282.85	$ 192.43	$ -	$ -	$ 332.88	$ 332.88	$ 128,950.76
09 - Finishes	1	$ 126,261.78	$ 18,037.40	$ 1,459.78	$ 218.97	$ -	$ -	$ 378.79	$ 378.79	$ 146,735.49
10 - Specialties	1	$ 4,813.83	$ 687.69	$ 55.66	$ 8.35	$ -	$ -	$ 14.44	$ 14.44	$ 5,594.41
12 - Furnishings	1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13 - Special Construction	1	$ 871,615.89	$ 124,516.56	$ 10,077.21	$ 1,511.58	$ -	$ -	$ 2,614.85	$ 2,614.85	$ 1,012,950.94
21 - Fire Suppression	1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
22 - Plumbing	1	$ 418,222.00	$ 59,746.00	$ 4,835.29	$ 725.29	$ -	$ -	$ 1,254.67	$ 1,254.67	$ 486,037.91
23 - HVAC	1	$ 306,000.00	$ 43,714.29	$ 3,537.83	$ 530.67	$ -	$ -	$ 918.00	$ 918.00	$ 355,618.79
26 - Electrical	1	$ 3,129,963.03	$ 447,137.58	$ 36,187.16	$ 5,428.07	$ -	$ -	$ 9,389.89	$ 9,389.89	$ 3,637,495.62
31 - Earthwork	1	$ 1,042,132.45	$ 148,876.06	$ 12,048.64	$ 1,807.30	$ -	$ -	$ 3,126.40	$ 3,126.40	$ 1,211,117.25
32 - Exterior Improvments	1	$ 62,636.49	$ 8,948.07	$ 724.17	$ 108.63	$ -	$ -	$ 187.91	$ 187.91	$ 72,793.18
33 - Utilites	1	$ 408,692.75	$ 58,384.68	$ 4,725.11	$ 708.77	$ -	$ -	$ 1,226.08	$ 1,226.08	$ 474,963.46
35 - Waterways & Marine	1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
40 - Process Piping	1	$ 390,799.39	$ 55,828.48	$ 4,518.24	$ 677.74	$ -	$ -	$ 1,172.40	$ 1,172.40	$ 454,168.65
41 - Material Processing & Handling Equip	1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
43 - Process Gas & Liquid Handling, Purification, Stora	1	$ 322,152.97	$ 46,021.85	$ 3,724.58	$ 558.69	$ -	$ -	$ 966.46	$ 966.46	$ 374,391.01
46 - Water & Wastewater Equipment	1	$ 1,367,695.50	$ 195,385.07	$ 15,812.65	$ 2,371.90	$ -	$ -	$ 4,103.09	$ 4,103.09	$ 1,589,471.30

Tracking Number:GRANT14273918 Funding Opportunity Number:R25AS00013 Received Date:Oct 07, 2024 03:53:19 PM EDT

#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
1	BE	01 - General Conditions	PM/PE	01 - General Requirements	PROJECT MANAGER	HR	1200				100.47		$ -	$ -	$ -	$ -	$ 120,566	$ 120,566
2	BE	01 - General Conditions	PM/PE	01 - General Requirements	PROJECT ENGINEER	HR	1200				85.27		$ -	$ -	$ -	$ -	$ 102,323	$ 102,323
3	BE	01 - General Conditions	Supervision	01 - General Requirements	GENERAL SUPERVISION	HR	2400				115.01		$ -	$ -	$ -	$ -	$ 276,034	$ 276,034
4	BE	01 - General Conditions	Supervision	01 - General Requirements	CELL PHONES SUPT'S X MO's	EA	14		25.00		80.00		$ -	$ -	$ 350	$ -	$ 1,120	$ 1,470
5	BE	01 - General Conditions	Supervision	01 - General Requirements	PICKUPS	MO	14		850.00				$ -	$ -	$ 11,900	$ -	$ -	$ 11,900
6	BE	01 - General Conditions	Supervision	01 - General Requirements	PICKUP FUEL	WK	60		150.00				$ -	$ -	$ 9,000	$ -	$ -	$ 9,000
7	BE	01 - General Conditions	Supervision	01 - General Requirements	PROJECT COORDINATOR - CERTIFIED PAYROLL REPORTING	HR	480				45.50		$ -	$ -	$ -	$ -	$ 21,840	$ 21,840
8	BE	01 - General Conditions	Office & Furnishings	01 - General Requirements	COMPUTER EQUIPMENT	MO	14		75.00				$ -	$ -	$ 1,050	$ -	$ -	$ 1,050
9	BE	01 - General Conditions	Office & Furnishings	01 - General Requirements	FIELD OFFICE CONSUMABLES	WK	60	20.00					$ -	$ 1,200	$ -	$ -	$ -	$ 1,200
10	BE	01 - General Conditions	Office & Furnishings	01 - General Requirements	OFFICE TRAILERS	MO	14	50.00			4000.00	28.00	$ 1,999	$ 700	$ -	$ -	$ 56,000	$ 58,699
11	BE	01 - General Conditions	Office & Furnishings	01 - General Requirements	OFFICE WATER COOLER	MO	14				125.00		$ -	$ -	$ -	$ -	$ 1,750	$ 1,750
12	BE	01 - General Conditions	Office & Furnishings	01 - General Requirements	POSTAGE AND OVERNIGHT	WK	60	25.00					$ -	$ 1,500	$ -	$ -	$ -	$ 1,500
13	BE	01 - General Conditions	Office & Furnishings	01 - General Requirements	TOOL TRAILERS	MO	14		2000.00				$ -	$ -	$ 28,000	$ -	$ -	$ 28,000
14	BE	01 - General Conditions	Temp. Utilities	01 - General Requirements	INTERNET HOT SPOT	MO	14				90.00		$ -	$ -	$ -	$ -	$ 1,260	$ 1,260
15	BE	01 - General Conditions	Temp. Utilities	01 - General Requirements	TEMP POWER (HOOKUP)	LS	1			2000.00			$ -	$ -	$ -	$ 2,000	$ -	$ 2,000
16	BE	01 - General Conditions	Temp. Utilities	01 - General Requirements	TEMP POWER (MNTHLY CHARGES)	MO	14				500.00		$ -	$ -	$ -	$ -	$ 7,000	$ 7,000
17	BE	01 - General Conditions	Travel	01 - General Requirements	SUPT PER DIEM	MO	14				3000.00		$ -	$ -	$ -	$ -	$ 42,000	$ 42,000
18	BE	01 - General Conditions	Safety/Security	01 - General Requirements	TRAFFIC CONTROL	WK	4	50.00	150.00	250.00		32.00	$ 2,285	$ 200	$ 600	$ 1,000	$ -	$ 4,085
19	BE	01 - General Conditions	Safety/Security	01 - General Requirements	PROJECT SPECIFIC TRAINIING	HR	210			7.00	1.00	210.00	$ 14,996	$ -	$ -	$ 1,470	$ 210	$ 16,676
20	BE	01 - General Conditions	Safety/Security	01 - General Requirements	ONSITE SAFETY ORIENTATION	HR	210					210.00	$ 14,996	$ -	$ -	$ -	$ -	$ 14,996
21	BE	01 - General Conditions	Fire Control	01 - General Requirements	FIRE EXTINGUSHERS	EA	8	100.00				8.00	$ 571	$ 800	$ -	$ -	$ -	$ 1,371
22	BE	01 - General Conditions	Photos/Videos	01 - General Requirements	INTERNAL PHOTOGRAPHS	MO	14	30.00			20.00	28.00	$ 1,999	$ 420	$ -	$ -	$ 280	$ 2,699
23	BE	01 - General Conditions	Driver	01 - General Requirements	RUNNER/WAREHOUSEMAN	HR	240		20.00		5.00	240.00	$ 17,138	$ -	$ 4,800	$ -	$ 1,200	$ 23,138
24	BE	01 - General Conditions	Site	01 - General Requirements	DUMPSTER	EA	16				600.00		$ -	$ -	$ -	$ -	$ 9,600	$ 9,600
25	BE	01 - General Conditions	Site	01 - General Requirements	FINAL CLEANING	HR	16	2.00				16.00	$ 1,143	$ 32	$ -	$ -	$ -	$ 1,175
26	BE	01 - General Conditions	Site	01 - General Requirements	SANOLET EXPENSE	MO	22			150.00	75.00		$ -	$ -	$ -	$ 3,300	$ 1,650	$ 4,950
27	BE	01 - General Conditions	Engineering/Layout	01 - General Requirements	FIELD ENGINEERING	HR	240	3.00				240.00	$ 17,138	$ 720	$ -	$ -	$ -	$ 17,858
28	BE	01 - General Conditions	Engineering/Layout	01 - General Requirements	TOTAL STATION	MO	4		750.00				$ -	$ -	$ 3,000	$ -	$ -	$ 3,000
29	BE	01 - General Conditions	Tools	01 - General Requirements	FORKLIFT	MO	8		2400.00		500.00		$ -	$ -	$ 19,200	$ -	$ 4,000	$ 23,200
30	BE												$ -	$ -	$ -	$ -	$ -	$ -
31	BE												$ -	$ -	$ -	$ -	$ -	$ -
32	BE	02 - Existing Conditions	DEMO SITE	02 - Existing Conditions	DEMO CHAIN LINK FENCE 6FT H	LF	655					98.25	$ 7,016	$ -	$ -	$ -	$ -	$ 7,016
33	BE	02 - Existing Conditions	DEMO SITE	02 - Existing Conditions	DEMO / ABANDON 15" CMP	LF	100	1.00				15.00	$ 1,071	$ 100	$ -	$ -	$ -	$ 1,171
34	BE	02 - Existing Conditions	DEMO SITE	02 - Existing Conditions	DEMO PVC UNDERDRAIN PIPING	LF	600					90.00	$ 6,427	$ -	$ -	$ -	$ -	$ 6,427
35	BE	02 - Existing Conditions	DEMO SITE	02 - Existing Conditions	EQUIP EXCAVATOR PC350	MO	0.42		11000.00		3500.00		$ -	$ -	$ 4,620	$ -	$ 1,470	$ 6,090
36	BE	02 - Existing Conditions	DEMO SITE	02 - Existing Conditions	EQUIP WHEEL LOADER 4.5 CY W/ FORKS	MO	0.42		8200.00		3500.00		$ -	$ -	$ 3,444	$ -	$ 1,470	$ 4,914
37	BE	02 - Existing Conditions	DEMO SITE	02 - Existing Conditions	DUMPSTER W/ DEMO	EA	4				600.00		$ -	$ -	$ -	$ -	$ 2,400	$ 2,400

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												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
38	BE												$ -	$ -	$ -	$ -	$ -	$ -
39	BE	02 - Existing Conditions	EXIST FLR BLDG	02 - Existing Conditions	DEMO DI PIPE, FTG, VALVE, SUPTS	LF	70	3.00				105.00	$ 7,498	$ 210	$ -	$ -	$ -	$ 7,708
40	BE	02 - Existing Conditions	EXIST FLR BLDG	02 - Existing Conditions	DEMO PARSHAL FLUME	EA	1	350.00	1500.00	7500.00	250.00	160.00	$ 11,426	$ 350	$ 1,500	$ 7,500	$ 250	$ 21,026
41	BE	02 - Existing Conditions	EXIST FLR BLDG	40 - Process Integration	DI BLIND FLANGE 8	EA	3	409.00				3.00	$ 214	$ 1,227	$ -	$ -	$ -	$ 1,441
42	BE	02 - Existing Conditions	EXIST FLR BLDG	40 - Process Integration	NBG KIT SS 8	EA	3	60.00				1.80	$ 129	$ 180	$ -	$ -	$ -	$ 309
43	BE												$ -	$ -	$ -	$ -	$ -	$ -
44	BE												$ -	$ -	$ -	$ -	$ -	$ -
45	BE	03 - Concrete	CONCRETE	03 - Concrete	MEMBRANE TREATMENT BUILDNG CONCRETE	LS	1	110215.00		6552.00		1904.00	$ 135,964	$ 110,215	$ -	$ 6,552	$ -	$ 252,731
46	BE	03 - Concrete	CONCRETE	03 - Concrete	MEMBRANE TREATMENT REBAR F & I	TN	33	2200.00		1000.00		49.50	$ 3,535	$ 72,600	$ -	$ 33,000	$ -	$ 109,135
47	BE	03 - Concrete	CONCRETE	03 - Concrete	SITE CONCRETE: STOOPS & GEN PAD	LS	1	13808.00		819.00		251.00	$ 17,924	$ 13,808	$ -	$ 819	$ -	$ 32,551
48	BE	03 - Concrete	CONCRETE	03 - Concrete	SITE REBAR	TN	4	2200.00		1000.00		6.00	$ 428	$ 8,800	$ -	$ 4,000	$ -	$ 13,228
49	BE	03 - Concrete	CONCRETE	03 - Concrete	EQUIP EXCAVATOR PC351	MO	2		11000.00		3500.00		$ -	$ -	$ 22,000	$ -	$ 7,000	$ 29,000
50	BE	03 - Concrete	CONCRETE	03 - Concrete	FORMOWRK FREIGHT	EA	4			450.00		16.00	$ 1,143	$ -	$ -	$ 1,800	$ -	$ 2,943
51	BE	03 - Concrete	CONCRETE	03 - Concrete	EQUIP AIR COMPRESSOR 175 CFM	MO	3		935.00		150.00		$ -	$ -	$ 2,805	$ -	$ 450	$ 3,255
52	BE	03 - Concrete	CONCRETE	03 - Concrete	CONCRETE BUCKETS	MO	3		150.00				$ -	$ -	$ 450	$ -	$ -	$ 450
53	BE	03 - Concrete	CONCRETE	03 - Concrete	EQUIP WHEEL LOADER 4.5 CY W/ FORKS	MO	1		8200.00		3500.00		$ -	$ -	$ 8,200	$ -	$ 3,500	$ 11,700
54	BE	03 - Concrete	CONCRETE	03 - Concrete	GENERATORS HI CYCLE	MO	3		250.00				$ -	$ -	$ 750	$ -	$ -	$ 750
55	BE	03 - Concrete	CONCRETE	03 - Concrete	VIBRATORS	MO	3		450.00				$ -	$ -	$ 1,350	$ -	$ -	$ 1,350
56	BE	03 - Concrete	CONCRETE	03 - Concrete	FIELD ENGINEERING	MO	3	250.00				120.00	$ 8,569	$ 750	$ -	$ -	$ -	$ 9,319
57	BE	03 - Concrete	CONCRETE	03 - Concrete	LEVELS	MO	3		300.00				$ -	$ -	$ 900	$ -	$ -	$ 900
58	BE	03 - Concrete	CONCRETE	03 - Concrete	OXYGEN AND ACETYLENE	MO	3	150.00					$ -	$ 450	$ -	$ -	$ -	$ 450
59	BE	03 - Concrete	CONCRETE	03 - Concrete	WELDING MACHINE	MO	3	50.00	350.00				$ -	$ 150	$ 1,050	$ -	$ -	$ 1,200
60	BE	03 - Concrete	CONCRETE	03 - Concrete	EQUIP SKID LOADER TRACKED	MO	3		3500.00		1250.00		$ -	$ -	$ 10,500	$ -	$ 3,750	$ 14,250
61	BE												$ -	$ -	$ -	$ -	$ -	$ -
62	BE	03 - Concrete	ENCASE PROCESS	03 - Concrete	PIPE ENCASEMENT CONCRETE	CY	39	300.00				48.75	$ 3,481	$ 11,700	$ -	$ -	$ -	$ 15,181
63	BE	03 - Concrete	ENCASE PROCESS	03 - Concrete	PIPE ENCASEMENT FORMWORK	SF	1163	3.00				232.60	$ 16,610	$ 3,489	$ -	$ -	$ -	$ 20,099
64	BE	03 - Concrete	ENCASE PROCESS	03 - Concrete	PIPE ENCASEMENT SUPPORTS	EA	24	200.00				72.00	$ 5,141	$ 4,800	$ -	$ -	$ -	$ 9,941
65	BE	40 - Process Piping	ENCASE PROCESS	40 - Process Integration	DI PIPE RJ 8	LF	100	70.00				18.00	$ 1,285	$ 7,000	$ -	$ -	$ -	$ 8,285
66	BE	40 - Process Piping	ENCASE PROCESS	40 - Process Integration	DI MJ 90 8	EA	4	456.00				4.00	$ 286	$ 1,824	$ -	$ -	$ -	$ 2,110
67	BE	40 - Process Piping	ENCASE PROCESS	40 - Process Integration	DI MJ SOLID SLEEVE 8	EA	3	450.00				9.00	$ 643	$ 1,350	$ -	$ -	$ -	$ 1,993
68	BE	40 - Process Piping	ENCASE PROCESS	40 - Process Integration	DI PIPE FXPE 8 X 10' 0"	EA	3	1551.00				18.00	$ 1,285	$ 4,653	$ -	$ -	$ -	$ 5,938
69	BE	40 - Process Piping	ENCASE PROCESS	40 - Process Integration	DI MEGALUG W/ ACC 8	EA	14	577.00				14.00	$ 1,000	$ 8,078	$ -	$ -	$ -	$ 9,078
70	BE	40 - Process Piping	ENCASE PROCESS	40 - Process Integration	DI PIPE RJ 4	LF	100	72.00				12.00	$ 857	$ 7,200	$ -	$ -	$ -	$ 8,057
71	BE	40 - Process Piping	ENCASE PROCESS	40 - Process Integration	DI MJ 90 4	EA	5	189.00				5.00	$ 357	$ 945	$ -	$ -	$ -	$ 1,302
72	BE	40 - Process Piping	ENCASE PROCESS	40 - Process Integration	DI MJ SOLID SLEEVE 4	EA	3	168.00				9.00	$ 643	$ 504	$ -	$ -	$ -	$ 1,147
73	BE	40 - Process Piping	ENCASE PROCESS	40 - Process Integration	DI PIPE FXPE 4 X 10' 0"	EA	3	917.00				15.00	$ 1,071	$ 2,751	$ -	$ -	$ -	$ 3,822
74	BE	40 - Process Piping	ENCASE PROCESS	40 - Process Integration	DI MEGALUG W/ ACC 4	EA	16	263.00				16.00	$ 1,143	$ 4,208	$ -	$ -	$ -	$ 5,351

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												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
75	BE												$ -	$ -	$ -	$ -	$ -	$ -
76	BE	03 - Concrete	WEATHER PROTECTION	03 - Concrete	WINTER CONDITIONS W/ CONCRETE	MO	2.5	2000.00				240.00	$ 17,138	$ 5,000	$ -	$ -	$ -	$ 22,138
77	BE	03 - Concrete	WEATHER PROTECTION	03 - Concrete	EQUIP GROUND HEATER 500K BTU	MO	1		8000.00		3500.00		$ -	$ -	$ 8,000	$ -	$ 3,500	$ 11,500
78	BE												$ -	$ -	$ -	$ -	$ -	$ -
79	BE	04 - Masonry	MASONRY	04 - Masonry	SUB MASONRY SUBCONTRACTOR	LS	1						$ -	$ -	$ -	$ -	$ -	$ -
80	BE	04 - Masonry	MASONRY	04 - Masonry	CMU 8IN	SF	2958			45.00	1.35		$ -	$ -	$ -	$ 133,110	$ 3,993	$ 137,103
81	BE	04 - Masonry	MASONRY	04 - Masonry	MASONRY REINF STEEL	TN	3.88	2200.00				11.64	$ 831	$ 8,536	$ -	$ -	$ -	$ 9,367
82	BE	04 - Masonry	MASONRY	04 - Masonry	TEMP SHORE OPENING	EA	12	65.00				48.00	$ 3,428	$ 780	$ -	$ -	$ -	$ 4,208
83	BE	04 - Masonry	MASONRY	04 - Masonry	EQUIP FORCED AIR HEATER 400K BTU	MO	2	500.00	5000.00		5000.00	80.00	$ 5,713	$ 1,000	$ 10,000	$ -	$ 10,000	$ 26,713
84	BE												$ -	$ -	$ -	$ -	$ -	$ -
85	BE	05 - Metals	METALS	05 - Metals	ALUM 2 LINE RAIL W/ TOE	LF	70	65.00				70.00	$ 4,999	$ 4,550	$ -	$ -	$ -	$ 9,549
86	BE	05 - Metals	METALS	05 - Metals	ALUM LADDER 12FT H	EA	1	4500.00				8.00	$ 571	$ 4,500	$ -	$ -	$ -	$ 5,071
87	BE	05 - Metals	METALS	05 - Metals	BOLLARD 6 X 8FT	EA	15	750.00	350.00		85.00	120.00	$ 8,569	$ 11,250	$ 5,250	$ -	$ 1,275	$ 26,344
88	BE												$ -	$ -	$ -	$ -	$ -	$ -
89	BE	07 - Thermal and Moisture	INSU	07 - Thermal and Moisture Protection	RIGID POLY INSU 2IN	SF	2816	2.35				70.40	$ 5,027	$ 6,618	$ -	$ -	$ -	$ 11,645
90	BE	07 - Thermal and Moisture	INSU	07 - Thermal and Moisture Protection	FDN DAMPROOFING	SF	1496	1.90				37.40	$ 2,671	$ 2,842	$ -	$ -	$ -	$ 5,513
91	BE	07 - Thermal and Moisture	INSU	07 - Thermal and Moisture Protection	CEIL BATTS @ OPS, ELEC, MECH	SF	735	1.50				73.50	$ 5,249	$ 1,103	$ -	$ -	$ -	$ 6,351
92	BE	07 - Thermal and Moisture	CAULKING	07 - Thermal and Moisture Protection	SEALANT / SEAL @ MAS/PEMB	LF	100	8.00				15.00	$ 1,071	$ 800	$ -	$ -	$ -	$ 1,871
93	BE	07 - Thermal and Moisture	CAULKING	07 - Thermal and Moisture Protection	MISC CAULK OPENINGS & PENETRATIONS	LF	897	0.85				56.06	$ 4,003	$ 762	$ -	$ -	$ -	$ 4,766
94	BE	07 - Thermal and Moisture	CAULKING	07 - Thermal and Moisture Protection	MISC CAULK MAS CJS	LF	152	2.00				11.40	$ 814	$ 304	$ -	$ -	$ -	$ 1,118
95	BE												$ -	$ -	$ -	$ -	$ -	$ -
96	BE	08 - Openings	DOORS	08 - Openings	DOUBLE HM DOOR	EA	6	4250.00				144.00	$ 10,283	$ 25,500	$ -	$ -	$ -	$ 35,783
97	BE	08 - Openings	DOORS	08 - Openings	SINGLE HM DOOR	EA	8	3500.00				160.00	$ 11,426	$ 28,000	$ -	$ -	$ -	$ 39,426
98	BE	08 - Openings	DOORS	08 - Openings	OH DOOR EMO 14X12	EA	1			20000.00			$ -	$ -	$ -	$ 20,000	$ -	$ 20,000
99	BE	08 - Openings	DOORS	08 - Openings	WINDOWS ~4X4	EA	7			2250.00			$ -	$ -	$ -	$ 15,750	$ -	$ 15,750
100	BE												$ -	$ -	$ -	$ -	$ -	$ -
101	BE	09 - Finishes	FRAMING	09 - Finishes	METAL FRAME STUD WALL 12FT H	SF	936	1.50				60.84	$ 4,345	$ 1,404	$ -	$ -	$ -	$ 5,749
102	BE	09 - Finishes	FRAMING	09 - Finishes	METAL CEIL JOIST 12IN??	SF	765	3.75				76.50	$ 5,463	$ 2,869	$ -	$ -	$ -	$ 8,332
103	BE	09 - Finishes	FRAMING	09 - Finishes	PLYWOOD 3/4	SF	1612	1.75				80.60	$ 5,756	$ 2,821	$ -	$ -	$ -	$ 8,577
104	BE	09 - Finishes	DRYWALL	09 - Finishes	GYP BD HANG TAPE FINISH	SF	1251	5.00				281.48	$ 20,100	$ 6,255	$ -	$ -	$ -	$ 26,355
105	BE												$ -	$ -	$ -	$ -	$ -	$ -
106	BE	09 - Finishes	COATINGS	09 - Finishes	SUB COATINGS SUBCONTRACTOR	LS	1			75000.00	2250.00		$ -	$ -	$ -	$ 75,000	$ 2,250	$ 77,250
107	BE												$ -	$ -	$ -	$ -	$ -	$ -
108	BE	10 - Specialties	SPECIALTIES	10 - Specialties	FIRE EXTINGUISHER W/ BRACKET	EA	8	200.00				16.00	$ 1,143	$ 1,600	$ -	$ -	$ -	$ 2,743
109	BE	10 - Specialties	SPECIALTIES	10 - Specialties	MISC PROCESS ID / SIGNAGE	LS	1	1500.00				8.00	$ 571	$ 1,500	$ -	$ -	$ -	$ 2,071
110	BE												$ -	$ -	$ -	$ -	$ -	$ -
111	BE	13 - Special Construction	PEMB	13 - Special Construction	SUB PRE ENGNINEERED METAL BUILDING SUBCONTRACTOR	LS	1			792385.00	15847.70		$ -	$ -	$ -	$ 792,385	$ 15,848	$ 808,233

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												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
112	BE	13 - Special Construction	PEMB	13 - Special Construction	COLUMN ANCHORS	EA	64	50.00				64.00	$ 4,570	$ 3,200	$ -	$ -	$ -	$ 7,770
113	BE	13 - Special Construction	PEMB	13 - Special Construction	CF METAL FRAME WALL F/ WAINSCOT	SF	1046	1.50				104.60	$ 7,469	$ 1,569	$ -	$ -	$ -	$ 9,038
114	BE	13 - Special Construction	PEMB	13 - Special Construction	PLYWOOD 3/4 PT	SF	1046	2.25				52.30	$ 3,735	$ 2,354	$ -	$ -	$ -	$ 6,088
115	BE	13 - Special Construction	PEMB	13 - Special Construction	ROOFING FELT 30LB	SF	1046	0.25				10.46	$ 747	$ 262	$ -	$ -	$ -	$ 1,008
116	BE	13 - Special Construction	PEMB	13 - Special Construction	VERSETTA STONE STARTER STRIP	LF	300	4.00				15.00	$ 1,071	$ 1,200	$ -	$ -	$ -	$ 2,271
117	BE	13 - Special Construction	PEMB	13 - Special Construction	VERSETTA STONE SIDING	SF	1046	32.00				52.30	$ 3,735	$ 33,472	$ -	$ -	$ -	$ 37,207
118	BE												$ -	$ -	$ -	$ -	$ -	$ -
119	BE	22 - Plumbing	PLUMBING	22 - Plumbing	SUB PLUMBING SUBCONTRACTOR	LS	1			354200.00	3542.00		$ -	$ -	$ -	$ 354,200	$ 3,542	$ 357,742
120	BE	22 - Plumbing	PLUMBING	22 - Plumbing	FD-1 FLOOR DRAIN MATERIAL	LS	1			60480.00			$ -	$ -	$ -	$ 60,480	$ -	$ 60,480
121	BE												$ -	$ -	$ -	$ -	$ -	$ -
122	BE	23 - HVAC	HVAC	23 - Heating, Ventilating, and Air-Condition	SUB HVAC SUBCONTRACTOR	LS	1			300000.00	6000.00		$ -	$ -	$ -	$ 300,000	$ 6,000	$ 306,000
123	BE												$ -	$ -	$ -	$ -	$ -	$ -
124	BE	26 - Electrical	ELECTRICAL	26 - Electrical	SUB ELECTRICAL SUBCONTRACTOR	LS	1			3057553.00	30575.53		$ -	$ -	$ -	$ 3,057,553	$ 30,576	$ 3,088,129
125	BE	26 - Electrical	ELECTRICAL	26 - Electrical	TRENCH AND BACKFILL ELEC DUCT BANK	LF	340					85.00	$ 6,070	$ -	$ -	$ -	$ -	$ 6,070
126	BE	26 - Electrical	ELECTRICAL	26 - Electrical	IMPORT BASE CLASS 6	CY	10	61.50				10.00	$ 714	$ 615	$ -	$ -	$ -	$ 1,329
127	BE	26 - Electrical	ELECTRICAL	26 - Electrical	DUCT BANK CONCRETE	CY	20	300.00				15.00	$ 1,071	$ 6,000	$ -	$ -	$ -	$ 7,071
128	BE	26 - Electrical	ELECTRICAL	26 - Electrical	DUCT BANK FORMWORK	SF	680	2.00				85.00	$ 6,070	$ 1,360	$ -	$ -	$ -	$ 7,430
129	BE	26 - Electrical	ELECTRICAL	26 - Electrical	DUCT BANK REBAR AND ACC	TN	2	2300.00				60.00	$ 4,285	$ 4,600	$ -	$ -	$ -	$ 8,885
130	BE	26 - Electrical	ELECTRICAL	26 - Electrical	EQUIP SKID LOADER TRACKED	MO	0.5		3500.00		1250.00		$ -	$ -	$ 1,750	$ -	$ 625	$ 2,375
131	BE	26 - Electrical	ELECTRICAL	26 - Electrical	EQUIP MINI-EXCAVATOR W/ BLADE	MO	0.75		3500.00		1000.00		$ -	$ -	$ 2,625	$ -	$ 750	$ 3,375
132	BE	26 - Electrical	ELECTRICAL	26 - Electrical	EQUIP COMPACTOR TRENCH 24	MO	0.5		2310.00		350.00		$ -	$ -	$ 1,155	$ -	$ 175	$ 1,330
133	BE	26 - Electrical	ELECTRICAL	26 - Electrical	EQUIP COMPACTOR JUMPIN JACK	MO	0.5		585.00		200.00		$ -	$ -	$ 293	$ -	$ 100	$ 393
134	BE	26 - Electrical	ELECTRICAL	26 - Electrical	EQUIP WATER TRUCK 2000GAL	MO	0.5		3370.00		1500.00		$ -	$ -	$ 1,685	$ -	$ 750	$ 2,435
135	BE	26 - Electrical	ELECTRICAL	26 - Electrical	STARTUP AND TRAINING	LS	1					16.00	$ 1,143	$ -	$ -	$ -	$ -	$ 1,143
136	BE												$ -	$ -	$ -	$ -	$ -	$ -
137	BE												$ -	$ -	$ -	$ -	$ -	$ -
138	BE	31 - Earthwork	EXCAVATE	31 - Earthwork	EXCAVATE TO HAUL / STOCKPILE	LCY	8438					506.28	$ 36,153	$ -	$ -	$ -	$ -	$ 36,153
139	BE	31 - Earthwork	EXCAVATE	31 - Earthwork	BLASTING F/ LARGE BOULDERS???	LS	1				25000.00		$ -	$ -	$ -	$ -	$ 25,000	$ 25,000
140	BE	31 - Earthwork	EXCAVATE	31 - Earthwork	SAFETY FENCE & T POSTS	LF	250	2.00				12.50	$ 893	$ 500	$ -	$ -	$ -	$ 1,393
141	BE	31 - Earthwork	EXCAVATE	31 - Earthwork	PRECOMPACT BASE OF FILLS	SY	2223					33.35	$ 2,381	$ -	$ -	$ -	$ -	$ 2,381
142	BE	31 - Earthwork	EXCAVATE	31 - Earthwork	IMPORT DRAIN ROCK	CY	741	71.00				185.25	$ 13,229	$ 52,611	$ -	$ -	$ -	$ 65,840
143	BE	31 - Earthwork	EXCAVATE	31 - Earthwork	EQUIP EXCAVATOR PC355	MO	1.15		11000.00		3500.00		$ -	$ -	$ 12,650	$ -	$ 4,025	$ 16,675
144	BE	31 - Earthwork	EXCAVATE	31 - Earthwork	EQUIP WHEEL LOADER 4.5 CY W/ FORKS	MO	1.15		8200.00		3500.00		$ -	$ -	$ 9,430	$ -	$ 4,025	$ 13,455
145	BE	31 - Earthwork	EXCAVATE	31 - Earthwork	EQUIP WATER TRUCK 2000GAL	MO	1.15		3370.00		750.00		$ -	$ -	$ 3,876	$ -	$ 863	$ 4,738
146	BE	31 - Earthwork	EXCAVATE	31 - Earthwork	EQUIP SKID LOADER TRACKED	MO	1.15		3500.00		1250.00		$ -	$ -	$ 4,025	$ -	$ 1,438	$ 5,463
147	BE	31 - Earthwork	EXCAVATE	31 - Earthwork	EQUIP COMPACTOR ROLLER 66	MO	0.25		4645.00		1750.00		$ -	$ -	$ 1,161	$ -	$ 438	$ 1,599
148	BE												$ -	$ -	$ -	$ -	$ -	$ -

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												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
149	BE	31 - Earthwork	EXPORT	31 - Earthwork	LOAD TRUCKS	LCY	8438					109.69	$ 7,833	$ -	$ -	$ -	$ -	$ 7,833
150	BE	31 - Earthwork	EXPORT	31 - Earthwork	EQUIP WHEEL LOADER 4.5 CY W/ FORKS	MO	0.69		8200.00		3500.00		$ -	$ -	$ 5,658	$ -	$ 2,415	$ 8,073
151	BE	31 - Earthwork	EXPORT	31 - Earthwork	EQUIP HAUL TRUCK SEMI	TPS	563			125.00			$ -	$ -	$ -	$ 70,375	$ -	$ 70,375
152	BE	31 - Earthwork	EXPORT	31 - Earthwork	DISPOSAL FEES F/ SAND/COBBLES	CY	8438				5.00		$ -	$ -	$ -	$ -	$ 42,190	$ 42,190
153	BE												$ -	$ -	$ -	$ -	$ -	$ -
154	BE	31 - Earthwork	BACKFILL	31 - Earthwork	BACKFILL	CY	9435					1226.55	$ 87,587	$ -	$ -	$ -	$ -	$ 87,587
155	BE	31 - Earthwork	BACKFILL	31 - Earthwork	IMPORT STRUCTURAL FILL	CY	9435	40.00					$ -	$ 377,400	$ -	$ -	$ -	$ 377,400
156	BE	31 - Earthwork	BACKFILL	31 - Earthwork	EQUIP EXCAVATOR PC352	MO	1.5		11000.00		3500.00		$ -	$ -	$ 16,500	$ -	$ 5,250	$ 21,750
157	BE	31 - Earthwork	BACKFILL	31 - Earthwork	EQUIP WHEEL LOADER 4.5 CY W/ FORKS	MO	1.5		8200.00		3500.00		$ -	$ -	$ 12,300	$ -	$ 5,250	$ 17,550
158	BE	31 - Earthwork	BACKFILL	31 - Earthwork	EQUIP WATER TRUCK 2000GAL	MO	1.5		3370.00		1500.00		$ -	$ -	$ 5,055	$ -	$ 2,250	$ 7,305
159	BE	31 - Earthwork	BACKFILL	31 - Earthwork	EQUIP SKID LOADER TRACKED	MO	1.5		3500.00		1250.00		$ -	$ -	$ 5,250	$ -	$ 1,875	$ 7,125
160	BE	31 - Earthwork	BACKFILL	31 - Earthwork	EQUIP COMPACTOR ROLLER 66	MO	1.5		4645.00		1750.00		$ -	$ -	$ 6,968	$ -	$ 2,625	$ 9,593
161	BE	31 - Earthwork	BACKFILL	31 - Earthwork	EQUIP COMPACTOR TRENCH 24	MO	1.5		2310.00		350.00		$ -	$ -	$ 3,465	$ -	$ 525	$ 3,990
162	BE												$ -	$ -	$ -	$ -	$ -	$ -
163	BE	31 - Earthwork	GENERAL EARTHWORK	31 - Earthwork	EQUIPMENT DELIVERY / PICKUP	EA	16			250.00			$ -	$ -	$ -	$ 4,000	$ -	$ 4,000
164	BE	31 - Earthwork	GENERAL EARTHWORK	31 - Earthwork	EQUIPMENT DELIVERY / PICKUP (LOWBOY)	HRS	80			175.00			$ -	$ -	$ -	$ 14,000	$ -	$ 14,000
165	BE	31 - Earthwork	GENERAL EARTHWORK	31 - Earthwork									$ -	$ -	$ -	$ -	$ -	$ -
166	BE	31 - Earthwork	GENERAL EARTHWORK	31 - Earthwork	WINTER CONDITIONS W/ BACKFILL	MO	1	1000.00				96.00	$ 6,855	$ 1,000	$ -	$ -	$ -	$ 7,855
167	BE	31 - Earthwork	GENERAL EARTHWORK	31 - Earthwork	EQUIP GROUND HEATER 500K BTU	MO	1		8000.00		3500.00		$ -	$ -	$ 8,000	$ -	$ 3,500	$ 11,500
168	BE												$ -	$ -	$ -	$ -	$ -	$ -
169	BE	31 - Earthwork	DEWATERING	31 - Earthwork	DEWATERING DEVELOPMENT	LS	1					80.00	$ 5,713	$ -	$ -	$ -	$ -	$ 5,713
170	BE	31 - Earthwork	DEWATERING	31 - Earthwork	DEWATERING SUMPS	EA	6					72.00	$ 5,141	$ -	$ -	$ -	$ -	$ 5,141
171	BE	31 - Earthwork	DEWATERING	31 - Earthwork	DRAINAGE TRENCHES	LF	600					48.00	$ 3,428	$ -	$ -	$ -	$ -	$ 3,428
172	BE	31 - Earthwork	DEWATERING	31 - Earthwork	FILTER FABRIC	SY	800	1.30				40.00	$ 2,856	$ 1,040	$ -	$ -	$ -	$ 3,896
173	BE	31 - Earthwork	DEWATERING	31 - Earthwork	IMPORT DRAIN ROCK	CY	115	71.00				18.40	$ 1,314	$ 8,165	$ -	$ -	$ -	$ 9,479
174	BE	31 - Earthwork	DEWATERING	31 - Earthwork	DEWATERING WELL PIPE SLOTTED	EA	2	400.00				16.00	$ 1,143	$ 800	$ -	$ -	$ -	$ 1,943
175	BE	31 - Earthwork	DEWATERING	31 - Earthwork	EQUIP EXCAVATOR PC353	MO	0.5		11000.00		3500.00		$ -	$ -	$ 5,500	$ -	$ 1,750	$ 7,250
176	BE	31 - Earthwork	DEWATERING	31 - Earthwork	EQUIP WHEEL LOADER 4.5 CY W/ FORKS	MO	0.5		8200.00		3500.00		$ -	$ -	$ 4,100	$ -	$ 1,750	$ 5,850
177	BE	31 - Earthwork	DEWATERING	31 - Earthwork	DEWATERING MAINTENANCE	MO	3					72.00	$ 5,141	$ -	$ -	$ -	$ -	$ 5,141
178	BE	31 - Earthwork	DEWATERING	31 - Earthwork	DEWATERING PUMPS & HOSES	MO	3		7000.00				$ -	$ -	$ 21,000	$ -	$ -	$ 21,000
179	BE	31 - Earthwork	DEWATERING	31 - Earthwork	DEWATERING DISCH PERMIT	LS	1				1500.00		$ -	$ -	$ -	$ -	$ 1,500	$ 1,500
180	BE	31 - Earthwork	DEWATERING	31 - Earthwork	MONITORING AND REPORTING	MO	3				100.00	12.00	$ 857	$ -	$ -	$ -	$ 300	$ 1,157
181	BE	31 - Earthwork	DEWATERING	31 - Earthwork	EQUIP GENERATOR 50KW (24/7)	MO	9		2090.00		2880.00		$ -	$ -	$ 18,810	$ -	$ 25,920	$ 44,730
182	BE	31 - Earthwork	DEWATERING	31 - Earthwork	EQUIP GENERATOR 50KW (STANDBY)	MO	3		2090.00				$ -	$ -	$ 6,270	$ -	$ -	$ 6,270
183	BE	31 - Earthwork	DEWATERING	31 - Earthwork	POWER MONITOR / TATTLE TALE	LS	1				3000.00		$ -	$ -	$ -	$ -	$ 3,000	$ 3,000
184	BE	31 - Earthwork	DEWATERING	31 - Earthwork	DEWATERING MISC	LS	1	500.00					$ -	$ 500	$ -	$ -	$ -	$ 500
185	BE	31 - Earthwork	DEWATERING	31 - Earthwork	DEWATERING CLARIFIER / SEDIMENT BAGS	LS	1	1500.00				16.00	$ 1,143	$ 1,500	$ -	$ -	$ -	$ 2,643

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												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
186	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC PIPE B&SP 6	LF	440	13.00				44.00	$ 3,142	$ 5,720	$ -	$ -	$ -	$ 8,862
187	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC 45 6	EA	6	40.00				4.50	$ 321	$ 240	$ -	$ -	$ -	$ 561
188	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC TEE 6	EA	7	62.00				5.25	$ 375	$ 434	$ -	$ -	$ -	$ 809
189	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC CAP 6	EA	2	19.00				1.50	$ 107	$ 38	$ -	$ -	$ -	$ 145
190	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC FLANGE VAN STONE 6	EA	2	44.00				1.50	$ 107	$ 88	$ -	$ -	$ -	$ 195
191	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC RED 6x3	EA	6	88.00				3.00	$ 214	$ 528	$ -	$ -	$ -	$ 742
192	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC PIPE 3	LF	140	7.00				42.00	$ 2,999	$ 980	$ -	$ -	$ -	$ 3,979
193	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC CPLG 3	EA	7	4.00				2.10	$ 150	$ 28	$ -	$ -	$ -	$ 178
194	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC 45 3	EA	16	9.00				4.80	$ 343	$ 144	$ -	$ -	$ -	$ 487
195	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC MALE ADAPTER 3	EA	6	6.00				1.80	$ 129	$ 36	$ -	$ -	$ -	$ 165
196	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC HOSE ADAPTER 3	EA	6	60.00				1.80	$ 129	$ 360	$ -	$ -	$ -	$ 489
197	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC FEMALE ADAPTER 3	EA	6	18.00				1.80	$ 129	$ 108	$ -	$ -	$ -	$ 237
198	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC BALL CHECK T 3	EA	6	521.00				3.00	$ 214	$ 3,126	$ -	$ -	$ -	$ 3,340
199	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC BV T 3	EA	6	360.00				1.80	$ 129	$ 2,160	$ -	$ -	$ -	$ 2,289
200	BE	31 - Earthwork	DEWATERING	31 - Earthwork	PVC CEMENT AND PRIMER	QT	4	80.00					$ -	$ 320	$ -	$ -	$ -	$ 320
201	BE												$ -	$ -	$ -	$ -	$ -	$ -
202	BE	32 - Exterior Improvments	GRADE & BASE SITE	32 - Exterior Improvements	IMPORT GRAVEL BASE	CY	568	61.50				62.48	$ 4,462	$ 34,932	$ -	$ -	$ -	$ 39,394
203	BE	32 - Exterior Improvments	GRADE & BASE SITE	32 - Exterior Improvements	PRECOMPACT BASE OF FILLS	SY	5166					51.66	$ 3,689	$ -	$ -	$ -	$ -	$ 3,689
204	BE	32 - Exterior Improvments	GRADE & BASE SITE	32 - Exterior Improvements	FINE GRADE SITE	SY	5166					129.15	$ 9,223	$ -	$ -	$ -	$ -	$ 9,223
205	BE	32 - Exterior Improvments	GRADE & BASE SITE	32 - Exterior Improvements	EQUIP WHEEL LOADER 4.5 CY W/ FORKS	MO	0.375		8200.00		3500.00		$ -	$ -	$ 3,075	$ -	$ 1,313	$ 4,388
206	BE	32 - Exterior Improvments	GRADE & BASE SITE	32 - Exterior Improvements	EQUIP WATER TRUCK 2000GAL	MO	0.375		3370.00		1500.00		$ -	$ -	$ 1,264	$ -	$ 563	$ 1,826
207	BE	32 - Exterior Improvments	GRADE & BASE SITE	32 - Exterior Improvements	EQUIP SKID LOADER TRACKED	MO	0.375		3500.00		1250.00		$ -	$ -	$ 1,313	$ -	$ 469	$ 1,781
208	BE	32 - Exterior Improvments	GRADE & BASE SITE	32 - Exterior Improvements	EQUIP COMPACTOR ROLLER 66 SMOOTH DRUM	MO	0.375		4480.00		1750.00		$ -	$ -	$ 1,680	$ -	$ 656	$ 2,336
209	BE												$ -	$ -	$ -	$ -	$ -	$ -
210	BE	31 - Earthwork	EROSION CONTROL	31 - Earthwork	SWMPP PERMIT FEES	LS	1				1250.00	18.00	$ 1,285	$ -	$ -	$ -	$ 1,250	$ 2,535
211	BE	31 - Earthwork	EROSION CONTROL	31 - Earthwork	BMP MAINTENANCE	MO	6	100.00				120.00	$ 8,569	$ 600	$ -	$ -	$ -	$ 9,169
212	BE	31 - Earthwork	EROSION CONTROL	31 - Earthwork	IP INLET PROTECTION	EA	6	100.00				12.00	$ 857	$ 600	$ -	$ -	$ -	$ 1,457
213	BE	31 - Earthwork	EROSION CONTROL	31 - Earthwork	SF SILT FENCE	LF	1200	0.40				60.00	$ 4,285	$ 480	$ -	$ -	$ -	$ 4,765
214	BE	31 - Earthwork	EROSION CONTROL	31 - Earthwork	EQUIP MINI EX	MO	0.25		3500.00		1000.00		$ -	$ -	$ 875	$ -	$ 250	$ 1,125
215	BE	31 - Earthwork	EROSION CONTROL	31 - Earthwork	CWA CONCRETE WASHOUT	LS	1	250.00				8.00	$ 571	$ 250	$ -	$ -	$ -	$ 821
216	BE												$ -	$ -	$ -	$ -	$ -	$ -
217	BE												$ -	$ -	$ -	$ -	$ -	$ -
218	BE	33 - Utilites	GENERAL YARD PIPE	33 - Utilities	EQUIP EXCAVATOR PC354	MO	2.5		11000.00		3500.00		$ -	$ -	$ 27,500	$ -	$ 8,750	$ 36,250
219	BE	33 - Utilites	GENERAL YARD PIPE	33 - Utilities	EQUIP WHEEL LOADER 4.5 CY W/ FORKS	MO	2.5		8200.00		3500.00		$ -	$ -	$ 20,500	$ -	$ 8,750	$ 29,250
220	BE	33 - Utilites	GENERAL YARD PIPE	33 - Utilities	EQUIP WATER TRUCK 2000GAL	MO	2.5		3370.00		1500.00		$ -	$ -	$ 8,425	$ -	$ 3,750	$ 12,175
221	BE	33 - Utilites	GENERAL YARD PIPE	33 - Utilities	EQUIP COMPACTOR JUMPIN JACK	MO	2.5		585.00		200.00		$ -	$ -	$ 1,463	$ -	$ 500	$ 1,963
222	BE	33 - Utilites	GENERAL YARD PIPE	33 - Utilities	EQUIP COMPACTOR TRENCH 24	MO	2.5		2310.00		350.00		$ -	$ -	$ 5,775	$ -	$ 875	$ 6,650

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#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
223	BE	33 - Utilites	GENERAL YARD PIPE	33 - Utilities	PRESSURE TEST PIPING	EA	12	65.00				72.00	$ 5,141	$ 780	$ -	$ -	$ -	$ 5,921
224	BE	33 - Utilites	GENERAL YARD PIPE	33 - Utilities	FLUSH AND DISINFECT	EA	6	50.00				24.00	$ 1,714	$ 300	$ -	$ -	$ -	$ 2,014
225	BE	33 - Utilites	GENERAL YARD PIPE	33 - Utilities	EQUIP FUSION MACHINE	MO	1		1200.00		500.00		$ -	$ -	$ 1,200	$ -	$ 500	$ 1,700
226	BE	33 - Utilites	GENERAL YARD PIPE	33 - Utilities	PVC CEMEENT AND PRIMER	QT	3	82.00					$ -	$ 246	$ -	$ -	$ -	$ 246
227	BE												$ -	$ -	$ -	$ -	$ -	$ -
228	BE	33 - Utilites	PRECAST DRAIN/ MH	33 - Utilities	PRECAST MH 48IN	VF	8	700.00				16.00	$ 1,143	$ 5,600	$ -	$ -	$ -	$ 6,743
229	BE	33 - Utilites	PRECAST DRAIN/ MH	33 - Utilities	PRECAST MH RING AND COVER 24	EA	1	300.00				2.00	$ 143	$ 300	$ -	$ -	$ -	$ 443
230	BE	33 - Utilites	PRECAST DRAIN/ MH	33 - Utilities	IMPORT BASE CLASS 6	CY	9	60.00				2.25	$ 161	$ 540	$ -	$ -	$ -	$ 701
231	BE	33 - Utilites	PRECAST DRAIN/ MH	33 - Utilities	PRECAST MH RAMNEK	LF	60	3.00				3.00	$ 214	$ 180	$ -	$ -	$ -	$ 394
232	BE												$ -	$ -	$ -	$ -	$ -	$ -
233	BE	33 - Utilites	6IN SS	33 - Utilities	CI PIPE B&SP 6	LF	50	57.00				7.50	$ 536	$ 2,850	$ -	$ -	$ -	$ 3,386
234	BE	33 - Utilites	6IN SS	33 - Utilities	CI HUBBED 1/8 BEND 6	EA	1	83.00				1.00	$ 71	$ 83	$ -	$ -	$ -	$ 154
235	BE	33 - Utilites	6IN SS	33 - Utilities	CI HUBBED 1/16 BEND 6	EA	1	73.00				1.00	$ 71	$ 73	$ -	$ -	$ -	$ 144
236	BE	33 - Utilites	6IN SS	33 - Utilities	FERNCO CPLG 6	EA	2	35.00				1.50	$ 107	$ 70	$ -	$ -	$ -	$ 177
237	BE	33 - Utilites	6IN SS	33 - Utilities	GROUT PIPE IN MH	EA	1	15.00				1.00	$ 71	$ 15	$ -	$ -	$ -	$ 86
238	BE	33 - Utilites	6IN SS	33 - Utilities	TRENCH AND BACKFILL 4-6	LF	50					11.00	$ 786	$ -	$ -	$ -	$ -	$ 786
239	BE	33 - Utilites	6IN SS	33 - Utilities	IMPORT PIPE BEDDING	CY	17	40.00					$ -	$ 680	$ -	$ -	$ -	$ 680
240	BE	33 - Utilites	6IN SS	33 - Utilities	PIPE WRAP 4 - 12IN	LF	50	2.50				1.25	$ 89	$ 125	$ -	$ -	$ -	$ 214
241	BE	33 - Utilites	6IN SS	33 - Utilities	TRACER WIRE	LF	50	1.50				1.25	$ 89	$ 75	$ -	$ -	$ -	$ 164
242	BE	33 - Utilites	6IN SS	33 - Utilities	TRACER WIRE RISER BOX	EA	1	93.00				1.50	$ 107	$ 93	$ -	$ -	$ -	$ 200
243	BE	33 - Utilites	6IN SS	33 - Utilities	UG DET WARNING TAPE	LF	50	0.10				1.50	$ 107	$ 5	$ -	$ -	$ -	$ 112
244	BE												$ -	$ -	$ -	$ -	$ -	$ -
245	BE	33 - Utilites	8IN RW	33 - Utilities	DI PIPE RJ 8	LF	220	70.00				39.60	$ 2,828	$ 15,400	$ -	$ -	$ -	$ 18,228
246	BE	33 - Utilites	8IN RW	33 - Utilities	DI PIPE RJ 12	EA	20	109.00				4.40	$ 314	$ 2,180	$ -	$ -	$ -	$ 2,494
247	BE	33 - Utilites	8IN RW	33 - Utilities	DI MJ SOLID SLEEVE 8	EA	2	450.00				6.00	$ 428	$ 900	$ -	$ -	$ -	$ 1,328
248	BE	33 - Utilites	8IN RW	33 - Utilities	DI MJ 90 8	EA	1	456.00				1.00	$ 71	$ 456	$ -	$ -	$ -	$ 527
249	BE	33 - Utilites	8IN RW	33 - Utilities	DI MJ 45 8	EA	2	365.00				2.00	$ 143	$ 730	$ -	$ -	$ -	$ 873
250	BE	33 - Utilites	8IN RW	33 - Utilities	DI MJ WYE 12	EA	1	2326.00				3.50	$ 250	$ 2,326	$ -	$ -	$ -	$ 2,576
251	BE	33 - Utilites	8IN RW	33 - Utilities	DI MJ SOLID SLEEVE 12	EA	2	225.00				8.00	$ 571	$ 450	$ -	$ -	$ -	$ 1,021
252	BE	33 - Utilites	8IN RW	33 - Utilities	DI MJ CAP 12	EA							$ -	$ -	$ -	$ -	$ -	$ -
253	BE	33 - Utilites	8IN RW	33 - Utilities	DI MJ RED 12 X 8	EA	1	450.00				1.50	$ 107	$ 450	$ -	$ -	$ -	$ 557
254	BE	33 - Utilites	8IN RW	33 - Utilities	DI MEGALUG W/ ACC 8	EA	9	577.00				9.00	$ 643	$ 5,193	$ -	$ -	$ -	$ 5,836
255	BE	33 - Utilites	8IN RW	33 - Utilities	DI MEGALUG W/ ACC 12	EA	8	1031.00				8.00	$ 571	$ 8,248	$ -	$ -	$ -	$ 8,819
256	BE	33 - Utilites	8IN RW	33 - Utilities	TIE TO EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
257	BE	33 - Utilites	8IN RW	33 - Utilities	POTHOLE EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
258	BE	33 - Utilites	8IN RW	33 - Utilities	CROSS EXISTING	EA	2					6.00	$ 428	$ -	$ -	$ -	$ -	$ 428
259	BE	33 - Utilites	8IN RW	33 - Utilities	SUPPORT EXISTING	EA	2	75.00				6.00	$ 428	$ 150	$ -	$ -	$ -	$ 578

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#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
260	BE	33 - Utilites	8IN RW	33 - Utilities	VALVE MJ GATE 12	EA	1	5095.00				4.00	$ 286	$ 5,095	$ -	$ -	$ -	$ 5,381
261	BE	33 - Utilites	8IN RW	33 - Utilities	VALVE BOX COMPLETE 7FT BURY	EA	1	322.00				4.00	$ 286	$ 322	$ -	$ -	$ -	$ 608
262	BE	33 - Utilites	8IN RW	33 - Utilities	VALVE STEM EXENSION	EA	1	445.00				1.00	$ 71	$ 445	$ -	$ -	$ -	$ 516
263	BE	33 - Utilites	8IN RW	33 - Utilities	TRENCH AND BACKFILL 4-6	LF	152					33.44	$ 2,388	$ -	$ -	$ -	$ -	$ 2,388
264	BE	33 - Utilites	8IN RW	33 - Utilities	TRENCH AND BACKFILL 6-8	LF	60					16.80	$ 1,200	$ -	$ -	$ -	$ -	$ 1,200
265	BE	33 - Utilites	8IN RW	33 - Utilities	IMPORT PIPE BEDDING	CY	75	40.00					$ -	$ 3,000	$ -	$ -	$ -	$ 3,000
266	BE	33 - Utilites	8IN RW	33 - Utilities	PIPE WRAP 4 - 12IN	LF	212	2.50				5.30	$ 378	$ 530	$ -	$ -	$ -	$ 908
267	BE	33 - Utilites	8IN RW	33 - Utilities	TRACER WIRE	LF	212	1.50				5.30	$ 378	$ 318	$ -	$ -	$ -	$ 696
268	BE	33 - Utilites	8IN RW	33 - Utilities	TRACER WIRE RISER BOX	EA	1	93.00				1.50	$ 107	$ 93	$ -	$ -	$ -	$ 200
269	BE	33 - Utilites	8IN RW	33 - Utilities	UG DET WARNING TAPE	LF	212	0.10				6.36	$ 454	$ 21	$ -	$ -	$ -	$ 475
270	BE												$ -	$ -	$ -	$ -	$ -	$ -
271	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	HDPE PIPE 3IN	LF	120	7.50				9.60	$ 686	$ 900	$ -	$ -	$ -	$ 1,586
272	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	HEAT FUSION BUTT JOINTS	EA	10					10.00	$ 714	$ -	$ -	$ -	$ -	$ 714
273	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	HDPE 45 BEND 3"	EA	1	17.00				1.00	$ 71	$ 17	$ -	$ -	$ -	$ 88
274	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	HDPE 22.5 BEND 3	EA	1	43.00				1.00	$ 71	$ 43	$ -	$ -	$ -	$ 114
275	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	HDPE 11.25 BEND 3	EA	1	64.00				1.00	$ 71	$ 64	$ -	$ -	$ -	$ 135
276	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	HDPE X CI ADAPTER 3	EA	1	51.00				1.00	$ 71	$ 51	$ -	$ -	$ -	$ 122
277	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	DI MJ CAP 3	EA	1	69.00				0.50	$ 36	$ 69	$ -	$ -	$ -	$ 105
278	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	DI MEGALUG W/ ACC 3	EA	1	87.00				0.50	$ 36	$ 87	$ -	$ -	$ -	$ 123
279	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	TIE TO EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
280	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	POTHOLE EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
281	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	CROSS EXISTING	EA	1					3.00	$ 214	$ -	$ -	$ -	$ -	$ 214
282	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	SUPPORT EXISTING	EA	1	75.00				3.00	$ 214	$ 75	$ -	$ -	$ -	$ 289
283	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	TRENCH AND BACKFILL 4-6	LF	70					15.40	$ 1,100	$ -	$ -	$ -	$ -	$ 1,100
284	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	TRENCH AND BACKFILL 6-8	LF	43					12.04	$ 860	$ -	$ -	$ -	$ -	$ 860
285	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	IMPORT PIPE BEDDING	CY	30	40.00					$ -	$ 1,200	$ -	$ -	$ -	$ 1,200
286	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	TRACER WIRE	LF	113	1.50				2.83	$ 202	$ 170	$ -	$ -	$ -	$ 371
287	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	TRACER WIRE RISER BOX	EA	1	93.00				1.50	$ 107	$ 93	$ -	$ -	$ -	$ 200
288	BE	33 - Utilites	3IN WELL 3 RW	33 - Utilities	UG DET WARNING TAPE	LF	113	0.10				3.39	$ 242	$ 11	$ -	$ -	$ -	$ 253
289	BE												$ -	$ -	$ -	$ -	$ -	$ -
290	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	HDPE PIPE 3IN	LF	400	7.50				32.00	$ 2,285	$ 3,000	$ -	$ -	$ -	$ 5,285
291	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	HEAT FUSION BUTT JOINTS	EA	10					10.00	$ 714	$ -	$ -	$ -	$ -	$ 714
292	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	HDPE 90 BEND 3"	EA	2	20.00				2.00	$ 143	$ 40	$ -	$ -	$ -	$ 183
293	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	HDPE 45 BEND 3"	EA	4	17.00				4.00	$ 286	$ 68	$ -	$ -	$ -	$ 354
294	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	HDPE 22.5 BEND 3	EA	2	43.00				2.00	$ 143	$ 86	$ -	$ -	$ -	$ 229
295	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	HDPE X CI ADAPTER 3	EA	1	51.00				1.00	$ 71	$ 51	$ -	$ -	$ -	$ 122
296	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	DI MJ 90 4	EA	1	189.00				1.00	$ 71	$ 189	$ -	$ -	$ -	$ 260

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												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
297	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	DI MJ SOLID SLEEVE 4	EA	1	168.00				3.00	$ 214	$ 168	$ -	$ -	$ -	$ 382
298	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	DI MEGALUG W/ ACC 4	EA	5	263.00				5.00	$ 357	$ 1,315	$ -	$ -	$ -	$ 1,672
299	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	DI MJ RED 4 X 3	EA	1	163.00				0.75	$ 54	$ 163	$ -	$ -	$ -	$ 217
300	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	DI MEGALUG W/ ACC 3	EA	2	87.00				1.00	$ 71	$ 174	$ -	$ -	$ -	$ 245
301	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	TIE TO EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
302	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	POTHOLE EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
303	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	CROSS EXISTING	EA	6					18.00	$ 1,285	$ -	$ -	$ -	$ -	$ 1,285
304	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	SUPPORT EXISTING	EA	6	75.00				18.00	$ 1,285	$ 450	$ -	$ -	$ -	$ 1,735
305	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	TRENCH AND BACKFILL 4-6	LF	50					11.00	$ 786	$ -	$ -	$ -	$ -	$ 786
306	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	TRENCH AND BACKFILL 6-8	LF	316					88.48	$ 6,318	$ -	$ -	$ -	$ -	$ 6,318
307	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	IMPORT PIPE BEDDING	CY	85	40.00					$ -	$ 3,400	$ -	$ -	$ -	$ 3,400
308	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	TRACER WIRE	LF	366	1.50				9.15	$ 653	$ 549	$ -	$ -	$ -	$ 1,202
309	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	TRACER WIRE RISER BOX	EA	1	93.00				1.50	$ 107	$ 93	$ -	$ -	$ -	$ 200
310	BE	33 - Utilites	3IN WELL 4 RW	33 - Utilities	UG DET WARNING TAPE	LF	366	0.10				10.98	$ 784	$ 37	$ -	$ -	$ -	$ 821
311	BE												$ -	$ -	$ -	$ -	$ -	$ -
312	BE	33 - Utilites	3IN RCY	33 - Utilities	HDPE PIPE 3IN	LF	160	7.50				12.80	$ 914	$ 1,200	$ -	$ -	$ -	$ 2,114
313	BE	33 - Utilites	3IN RCY	33 - Utilities	HEAT FUSION BUTT JOINTS	EA	12					12.00	$ 857	$ -	$ -	$ -	$ -	$ 857
314	BE	33 - Utilites	3IN RCY	33 - Utilities	HDPE 90 BEND 3"	EA	3	20.00				3.00	$ 214	$ 60	$ -	$ -	$ -	$ 274
315	BE	33 - Utilites	3IN RCY	33 - Utilities	HDPE 45 BEND 3"	EA	4	17.00				4.00	$ 286	$ 68	$ -	$ -	$ -	$ 354
316	BE	33 - Utilites	3IN RCY	33 - Utilities	HDPE X CI ADAPTER 3	EA	2	51.00				2.00	$ 143	$ 102	$ -	$ -	$ -	$ 245
317	BE	33 - Utilites	3IN RCY	33 - Utilities	DI MJ RED 6 X 3	EA	1	213.00				0.75	$ 54	$ 213	$ -	$ -	$ -	$ 267
318	BE	33 - Utilites	3IN RCY	33 - Utilities	DI MEGALUG W/ ACC 6	EA	3	369.00				3.00	$ 214	$ 1,107	$ -	$ -	$ -	$ 1,321
319	BE	33 - Utilites	3IN RCY	33 - Utilities	DI MEGALUG W/ ACC 3	EA	2	87.00				1.00	$ 71	$ 174	$ -	$ -	$ -	$ 245
320	BE	33 - Utilites	3IN RCY	33 - Utilities	TIE TO EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
321	BE	33 - Utilites	3IN RCY	33 - Utilities	POTHOLE EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
322	BE	33 - Utilites	3IN RCY	33 - Utilities	CROSS EXISTING	EA	3					9.00	$ 643	$ -	$ -	$ -	$ -	$ 643
323	BE	33 - Utilites	3IN RCY	33 - Utilities	SUPPORT EXISTING	EA	3	75.00				9.00	$ 643	$ 225	$ -	$ -	$ -	$ 868
324	BE	33 - Utilites	3IN RCY	33 - Utilities	TRENCH AND BACKFILL 4-6	LF	75					16.50	$ 1,178	$ -	$ -	$ -	$ -	$ 1,178
325	BE	33 - Utilites	3IN RCY	33 - Utilities	TRENCH AND BACKFILL 6-8	LF	50					14.00	$ 1,000	$ -	$ -	$ -	$ -	$ 1,000
326	BE	33 - Utilites	3IN RCY	33 - Utilities	IMPORT PIPE BEDDING	CY	28	40.00					$ -	$ 1,120	$ -	$ -	$ -	$ 1,120
327	BE	33 - Utilites	3IN RCY	33 - Utilities	TRACER WIRE	LF	125	1.50				3.13	$ 223	$ 188	$ -	$ -	$ -	$ 411
328	BE	33 - Utilites	3IN RCY	33 - Utilities	TRACER WIRE RISER BOX	EA	2	93.00				3.00	$ 214	$ 186	$ -	$ -	$ -	$ 400
329	BE	33 - Utilites	3IN RCY	33 - Utilities	UG DET WARNING TAPE	LF	125	0.10				3.75	$ 268	$ 13	$ -	$ -	$ -	$ 280
330	BE												$ -	$ -	$ -	$ -	$ -	$ -
331	BE	33 - Utilites	2IN PW	33 - Utilities	CTS PE PIPE 2	LF	160	4.40				12.80	$ 914	$ 704	$ -	$ -	$ -	$ 1,618
332	BE	33 - Utilites	2IN PW	33 - Utilities	CTS COMPRESSION CPLG 2	EA	1	180.00				1.00	$ 71	$ 180	$ -	$ -	$ -	$ 251
333	BE	33 - Utilites	2IN PW	33 - Utilities	CTS COMPRESSION 90 BEND 2	EA	1	508.00				1.00	$ 71	$ 508	$ -	$ -	$ -	$ 579

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#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
334	BE	33 - Utilites	2IN PW	33 - Utilities	CTS COMPRESSION MPT ADPTR 2	EA	1	348.00				1.00	$ 71	$ 348	$ -	$ -	$ -	$ 419
335	BE	33 - Utilites	2IN PW	33 - Utilities	TRENCH AND BACKFILL 4-6	LF	138					30.36	$ 2,168	$ -	$ -	$ -	$ -	$ 2,168
336	BE	33 - Utilites	2IN PW	33 - Utilities	IMPORT PIPE BEDDING	CY	31	40.00					$ -	$ 1,240	$ -	$ -	$ -	$ 1,240
337	BE	33 - Utilites	2IN PW	33 - Utilities	TRACER WIRE	LF	138	1.50				3.45	$ 246	$ 207	$ -	$ -	$ -	$ 453
338	BE	33 - Utilites	2IN PW	33 - Utilities	TRACER WIRE RISER BOX	EA	1	93.00				1.50	$ 107	$ 93	$ -	$ -	$ -	$ 200
339	BE	33 - Utilites	2IN PW	33 - Utilities	UG DET WARNING TAPE	LF	138	0.10				4.14	$ 296	$ 14	$ -	$ -	$ -	$ 309
340	BE												$ -	$ -	$ -	$ -	$ -	$ -
341	BE	33 - Utilites	8IN FW	33 - Utilities	DI PIPE RJ 8	LF	300	70.00				54.00	$ 3,856	$ 21,000	$ -	$ -	$ -	$ 24,856
342	BE	33 - Utilites	8IN FW	33 - Utilities	DI PIPE RJ 12	LF	20	109.00				4.40	$ 314	$ 2,180	$ -	$ -	$ -	$ 2,494
343	BE	33 - Utilites	8IN FW	33 - Utilities	DI MJ SOLID SLEEVE 8	EA	2	450.00				6.00	$ 428	$ 900	$ -	$ -	$ -	$ 1,328
344	BE	33 - Utilites	8IN FW	33 - Utilities	DI MJ 90 8	EA	1	456.00				1.00	$ 71	$ 456	$ -	$ -	$ -	$ 527
345	BE	33 - Utilites	8IN FW	33 - Utilities	DI MJ 45 8	EA	6	365.00				6.00	$ 428	$ 2,190	$ -	$ -	$ -	$ 2,618
346	BE	33 - Utilites	8IN FW	33 - Utilities	DI MJ TEE 12 X 8	EA	1	1030.00				2.50	$ 179	$ 1,030	$ -	$ -	$ -	$ 1,209
347	BE	33 - Utilites	8IN FW	33 - Utilities	DI MJ SOLID SLEEVE 12	EA	2	225.00				8.00	$ 571	$ 450	$ -	$ -	$ -	$ 1,021
348	BE	33 - Utilites	8IN FW	33 - Utilities	DI MEGALUG W/ ACC 8	EA	20	577.00				20.00	$ 1,428	$ 11,540	$ -	$ -	$ -	$ 12,968
349	BE	33 - Utilites	8IN FW	33 - Utilities	DI MEGALUG W/ ACC 12	EA	7	1031.00				7.00	$ 500	$ 7,217	$ -	$ -	$ -	$ 7,717
350	BE	33 - Utilites	8IN FW	33 - Utilities	TIE TO EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
351	BE	33 - Utilites	8IN FW	33 - Utilities	POTHOLE EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
352	BE	33 - Utilites	8IN FW	33 - Utilities	CROSS EXISTING	EA	5					15.00	$ 1,071	$ -	$ -	$ -	$ -	$ 1,071
353	BE	33 - Utilites	8IN FW	33 - Utilities	SUPPORT EXISTING	EA	5	75.00				15.00	$ 1,071	$ 375	$ -	$ -	$ -	$ 1,446
354	BE	33 - Utilites	8IN FW	33 - Utilities	VALVE MJ GATE 8	EA	1	2583.00				3.00	$ 214	$ 2,583	$ -	$ -	$ -	$ 2,797
355	BE	33 - Utilites	8IN FW	33 - Utilities	VALVE BOX COMPLETE 7FT BURY	EA	1	322.00				4.00	$ 286	$ 322	$ -	$ -	$ -	$ 608
356	BE	33 - Utilites	8IN FW	33 - Utilities	VALVE STEM EXENSION	EA	1	445.00				1.00	$ 71	$ 445	$ -	$ -	$ -	$ 516
357	BE	33 - Utilites	8IN FW	33 - Utilities	TRENCH AND BACKFILL 4-6	LF	82					18.04	$ 1,288	$ -	$ -	$ -	$ -	$ 1,288
358	BE	33 - Utilites	8IN FW	33 - Utilities	TRENCH AND BACKFILL 6-8	LF	200					56.00	$ 3,999	$ -	$ -	$ -	$ -	$ 3,999
359	BE	33 - Utilites	8IN FW	33 - Utilities	IMPORT PIPE BEDDING	CY	100	40.00					$ -	$ 4,000	$ -	$ -	$ -	$ 4,000
360	BE	33 - Utilites	8IN FW	33 - Utilities	PIPE WRAP 4 - 12IN	LF	282	2.50				7.05	$ 503	$ 705	$ -	$ -	$ -	$ 1,208
361	BE	33 - Utilites	8IN FW	33 - Utilities	TRACER WIRE	LF	282	1.50				7.05	$ 503	$ 423	$ -	$ -	$ -	$ 926
362	BE	33 - Utilites	8IN FW	33 - Utilities	TRACER WIRE RISER BOX	EA	1	93.00				1.50	$ 107	$ 93	$ -	$ -	$ -	$ 200
363	BE	33 - Utilites	8IN FW	33 - Utilities	UG DET WARNING TAPE	LF	282	0.10				8.46	$ 604	$ 28	$ -	$ -	$ -	$ 632
364	BE												$ -	$ -	$ -	$ -	$ -	$ -
365	BE	33 - Utilites	8IN BWW	33 - Utilities	DI PIPE RJ 8	LF	100	70.00				18.00	$ 1,285	$ 7,000	$ -	$ -	$ -	$ 8,285
366	BE	33 - Utilites	8IN BWW	33 - Utilities	DI MJ SOLID SLEEVE 8	EA	2	450.00				6.00	$ 428	$ 900	$ -	$ -	$ -	$ 1,328
367	BE	33 - Utilites	8IN BWW	33 - Utilities	DI MJ 90 8	EA	1	456.00				1.00	$ 71	$ 456	$ -	$ -	$ -	$ 527
368	BE	33 - Utilites	8IN BWW	33 - Utilities	DI MJ 45 8	EA	2	365.00				2.00	$ 143	$ 730	$ -	$ -	$ -	$ 873
369	BE	33 - Utilites	8IN BWW	33 - Utilities	DI MEGALUG W/ ACC 6	EA	10	369.00				10.00	$ 714	$ 3,690	$ -	$ -	$ -	$ 4,404
370	BE	33 - Utilites	8IN BWW	33 - Utilities	TIE TO EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571

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#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
371	BE	33 - Utilites	8IN BWW	33 - Utilities	POTHOLE EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
372	BE	33 - Utilites	8IN BWW	33 - Utilities	CROSS EXISTING	EA	3					9.00	$ 643	$ -	$ -	$ -	$ -	$ 643
373	BE	33 - Utilites	8IN BWW	33 - Utilities	SUPPORT EXISTING	EA	3	75.00				9.00	$ 643	$ 225	$ -	$ -	$ -	$ 868
374	BE	33 - Utilites	8IN BWW	33 - Utilities	TRENCH AND BACKFILL 4-6	LF	42					9.24	$ 660	$ -	$ -	$ -	$ -	$ 660
375	BE	33 - Utilites	8IN BWW	33 - Utilities	TRENCH AND BACKFILL 6-8	LF	50					14.00	$ 1,000	$ -	$ -	$ -	$ -	$ 1,000
376	BE	33 - Utilites	8IN BWW	33 - Utilities	IMPORT PIPE BEDDING	CY	31	40.00					$ -	$ 1,240	$ -	$ -	$ -	$ 1,240
377	BE	33 - Utilites	8IN BWW	33 - Utilities	PIPE WRAP 4 - 12IN	LF	92	2.50				2.30	$ 164	$ 230	$ -	$ -	$ -	$ 394
378	BE	33 - Utilites	8IN BWW	33 - Utilities	TRACER WIRE	LF	92	1.50				2.30	$ 164	$ 138	$ -	$ -	$ -	$ 302
379	BE	33 - Utilites	8IN BWW	33 - Utilities	TRACER WIRE RISER BOX	EA	2	93.00				3.00	$ 214	$ 186	$ -	$ -	$ -	$ 400
380	BE	33 - Utilites	8IN BWW	33 - Utilities	UG DET WARNING TAPE	LF	92	0.10				2.76	$ 197	$ 9	$ -	$ -	$ -	$ 206
381	BE												$ -	$ -	$ -	$ -	$ -	$ -
382	BE	33 - Utilites	6IN PW	33 - Utilities	DI PIPE RJ 8	LF	20	70.00				3.60	$ 257	$ 1,400	$ -	$ -	$ -	$ 1,657
383	BE	33 - Utilites	6IN PW	33 - Utilities	DI PIPE RJ 6	LF	140	54.00				21.00	$ 1,500	$ 7,560	$ -	$ -	$ -	$ 9,060
384	BE	33 - Utilites	6IN PW	33 - Utilities	DI MJ SOLID SLEEVE 6	EA	1	280.00				3.00	$ 214	$ 280	$ -	$ -	$ -	$ 494
385	BE	33 - Utilites	6IN PW	33 - Utilities	DI MJ 90 8	EA	1	456.00				1.00	$ 71	$ 456	$ -	$ -	$ -	$ 527
386	BE	33 - Utilites	6IN PW	33 - Utilities	DI MJ 45 6	EA	2	250.00				2.00	$ 143	$ 500	$ -	$ -	$ -	$ 643
387	BE	33 - Utilites	6IN PW	33 - Utilities	DI MJ CAP 8	EA	1	206.00				0.75	$ 54	$ 206	$ -	$ -	$ -	$ 260
388	BE	33 - Utilites	6IN PW	33 - Utilities	DI MJ RED 8 X 6	EA	1	262.00				1.00	$ 71	$ 262	$ -	$ -	$ -	$ 333
389	BE	33 - Utilites	6IN PW	33 - Utilities	DI MJ PLUG 6 TAPT 2IN	EA	1	202.00				0.75	$ 54	$ 202	$ -	$ -	$ -	$ 256
390	BE	33 - Utilites	6IN PW	33 - Utilities	DI MJ TEE 6	EA	1	443.00				1.50	$ 107	$ 443	$ -	$ -	$ -	$ 550
391	BE	33 - Utilites	6IN PW	33 - Utilities	DI MEGALUG W/ ACC 8	EA	4	577.00				4.00	$ 286	$ 2,308	$ -	$ -	$ -	$ 2,594
392	BE	33 - Utilites	6IN PW	33 - Utilities	DI MEGALUG W/ ACC 6	EA	11	369.00				11.00	$ 786	$ 4,059	$ -	$ -	$ -	$ 4,845
393	BE	33 - Utilites	6IN PW	33 - Utilities	DI MJ ACC KIT 6	EA	1	65.00				0.75	$ 54	$ 65	$ -	$ -	$ -	$ 119
394	BE	33 - Utilites	6IN PW	33 - Utilities	TIE TO EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
395	BE	33 - Utilites	6IN PW	33 - Utilities	POTHOLE EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
396	BE	33 - Utilites	6IN PW	33 - Utilities	CROSS EXISTING	EA	2					6.00	$ 428	$ -	$ -	$ -	$ -	$ 428
397	BE	33 - Utilites	6IN PW	33 - Utilities	SUPPORT EXISTING	EA	2	75.00				6.00	$ 428	$ 150	$ -	$ -	$ -	$ 578
398	BE	33 - Utilites	6IN PW	33 - Utilities	FIRE HYDRANT 6IN X 7FT	EA	1	6429.00				4.00	$ 286	$ 6,429	$ -	$ -	$ -	$ 6,715
399	BE	33 - Utilites	6IN PW	33 - Utilities	VALVE MJ GATE 8	EA	1	2583.00				3.00	$ 214	$ 2,583	$ -	$ -	$ -	$ 2,797
400	BE	33 - Utilites	6IN PW	33 - Utilities	VALVE BOX COMPLETE 7FT BURY	EA	1	322.00				4.00	$ 286	$ 322	$ -	$ -	$ -	$ 608
401	BE	33 - Utilites	6IN PW	33 - Utilities	VALVE STEM EXENSION	EA	1	445.00				1.00	$ 71	$ 445	$ -	$ -	$ -	$ 516
402	BE	33 - Utilites	6IN PW	33 - Utilities	TRENCH AND BACKFILL 4-6	LF	40					8.80	$ 628	$ -	$ -	$ -	$ -	$ 628
403	BE	33 - Utilites	6IN PW	33 - Utilities	TRENCH AND BACKFILL 6-8	LF	100					28.00	$ 1,999	$ -	$ -	$ -	$ -	$ 1,999
404	BE	33 - Utilites	6IN PW	33 - Utilities	IMPORT PIPE BEDDING	CY	52	40.00					$ -	$ 2,080	$ -	$ -	$ -	$ 2,080
405	BE	33 - Utilites	6IN PW	33 - Utilities	PIPE WRAP 4 - 12IN	LF	140	2.50				3.50	$ 250	$ 350	$ -	$ -	$ -	$ 600
406	BE	33 - Utilites	6IN PW	33 - Utilities	TRACER WIRE	LF	140	1.50				3.50	$ 250	$ 210	$ -	$ -	$ -	$ 460
407	BE	33 - Utilites	6IN PW	33 - Utilities	TRACER WIRE RISER BOX	EA	1	93.00				1.50	$ 107	$ 93	$ -	$ -	$ -	$ 200

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#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
408	BE	33 - Utilites	6IN PW	33 - Utilities	UG DET WARNING TAPE	LF	140	0.10				4.20	$ 300	$ 14	$ -	$ -	$ -	$ 314
409	BE												$ -	$ -	$ -	$ -	$ -	$ -
410	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	PRECAST MH 48IN	VF	8	700.00				16.00	$ 1,143	$ 5,600	$ -	$ -	$ -	$ 6,743
411	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	PRECAST MH RING AND COVER 24	EA	1	300.00				2.00	$ 143	$ 300	$ -	$ -	$ -	$ 443
412	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	IMPORT BASE CLASS 6	CY	9	60.00				2.25	$ 161	$ 540	$ -	$ -	$ -	$ 701
413	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	PRECAST MH RAMNEK	LF	60	3.00				3.00	$ 214	$ 180	$ -	$ -	$ -	$ 394
414	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	CONC MH BASE	LS	1	1500.00				16.00	$ 1,143	$ 1,500	$ -	$ -	$ -	$ 2,643
415	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	TAPPING SERVICE 1IN ON 12IN DIP WITH CORP	EA	1	250.00			2000.00	4.00	$ 286	$ 250	$ -	$ -	$ 2,000	$ 2,536
416	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	BRONZE BV THD 1	EA	1	60.00				0.25	$ 18	$ 60	$ -	$ -	$ -	$ 78
417	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	BRASS BUSH THD 1 X 1/2	EA	1	8.00				0.25	$ 18	$ 8	$ -	$ -	$ -	$ 26
418	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	PE TUBING REINF 1/2 ID	LF	300	4.30				24.00	$ 1,714	$ 1,290	$ -	$ -	$ -	$ 3,004
419	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	PVC80 TUBE ADPTR MPT X INS 1/2	EA	2	8.00				0.42	$ 30	$ 16	$ -	$ -	$ -	$ 46
420	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	PVC80 PIPE 6	LF	240	44.10				36.00	$ 2,571	$ 10,584	$ -	$ -	$ -	$ 13,155
421	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	PVC80 CPLG 6	EA	12	90.00				6.00	$ 428	$ 1,080	$ -	$ -	$ -	$ 1,508
422	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	PVC80 45 6	EA	2	135.00				2.00	$ 143	$ 270	$ -	$ -	$ -	$ 413
423	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	PVC80 22.5 6	EA	4	135.00				4.00	$ 286	$ 540	$ -	$ -	$ -	$ 826
424	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	FERNCO CPLG 6	EA	2	35.00				1.50	$ 107	$ 70	$ -	$ -	$ -	$ 177
425	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	GROUT PIPE IN MH	EA	1	15.00				1.00	$ 71	$ 15	$ -	$ -	$ -	$ 86
426	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	POTHOLE EXISTING	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
427	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	CROSS EXISTING	EA	7					21.00	$ 1,500	$ -	$ -	$ -	$ -	$ 1,500
428	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	SUPPORT EXISTING	EA	7	75.00				21.00	$ 1,500	$ 525	$ -	$ -	$ -	$ 2,025
429	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	TRENCH AND BACKFILL 4-6	LF	40					8.80	$ 628	$ -	$ -	$ -	$ -	$ 628
430	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	TRENCH AND BACKFILL 6-8	LF	187					52.36	$ 3,739	$ -	$ -	$ -	$ -	$ 3,739
431	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	IMPORT PIPE BEDDING	CY	77	40.00					$ -	$ 3,080	$ -	$ -	$ -	$ 3,080
432	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	TRACER WIRE	LF	227	1.50				5.68	$ 405	$ 341	$ -	$ -	$ -	$ 746
433	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	TRACER WIRE RISER BOX	EA	2	93.00				3.00	$ 214	$ 186	$ -	$ -	$ -	$ 400
434	BE	33 - Utilites	1/2IN SAMPLE	33 - Utilities	UG DET WARNING TAPE	LF	227	0.10				6.81	$ 486	$ 23	$ -	$ -	$ -	$ 509
435	BE												$ -	$ -	$ -	$ -	$ -	$ -
436	BE												$ -	$ -	$ -	$ -	$ -	$ -
437	BE	40 - Process Piping	GENERAL PROCESS PIPE	40 - Process Integration	PVC CEMEENT AND PRIMER	QT	6	82.00					$ -	$ 492	$ -	$ -	$ -	$ 492
438	BE	40 - Process Piping	GENERAL PROCESS PIPE	40 - Process Integration	PIPE TAP / SADDLE	EA	2	175.00					$ -	$ 350	$ -	$ -	$ -	$ 350
439	BE	40 - Process Piping	GENERAL PROCESS PIPE	40 - Process Integration	CHEM FEED TO INJ POINT	EA	7	650.00				140.00	$ 9,997	$ 4,550	$ -	$ -	$ -	$ 14,547
440	BE	40 - Process Piping	GENERAL PROCESS PIPE	40 - Process Integration	EQUIP BOOM LIFT 45 FT	MO	1		5000.00		1000.00		$ -	$ -	$ 5,000	$ -	$ 1,000	$ 6,000
441	BE	40 - Process Piping	GENERAL PROCESS PIPE	40 - Process Integration	INST TUBING / SAMPLE LINE	EA	6	350.00				60.00	$ 4,285	$ 2,100	$ -	$ -	$ -	$ 6,385
442	BE	40 - Process Piping	GENERAL PROCESS PIPE	40 - Process Integration	TANK INST MOUNTING	EA	8	75.00				16.00	$ 1,143	$ 600	$ -	$ -	$ -	$ 1,743
443	BE	40 - Process Piping	GENERAL PROCESS PIPE	40 - Process Integration	PRESSURE TEST PIPING	EA	28	35.00				112.00	$ 7,998	$ 980	$ -	$ -	$ -	$ 8,978
444	BE	40 - Process Piping	GENERAL PROCESS PIPE	40 - Process Integration	FLUSH AND DISINFECT	EA	5	50.00				20.00	$ 1,428	$ 250	$ -	$ -	$ -	$ 1,678

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												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
445	BE	40 - Process Piping	GENERAL PROCESS PIPE	40 - Process Integration	PS PIPE SUPPORT DESIGN	LS	1				5500.00		$ -	$ -	$ -	$ -	$ 5,500	$ 5,500
446	BE												$ -	$ -	$ -	$ -	$ -	$ -
447	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXF 8 X 1' 0"	EA	1	654.00				0.75	$ 54	$ 654	$ -	$ -	$ -	$ 708
448	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXF 8 X 2' 0"	EA	1	784.00				1.00	$ 71	$ 784	$ -	$ -	$ -	$ 855
449	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXPE 8 X 2' 0"	EA	2	511.00				5.00	$ 357	$ 1,022	$ -	$ -	$ -	$ 1,379
450	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI MEGAFLANGE 8	EA	2	501.00				2.00	$ 143	$ 1,002	$ -	$ -	$ -	$ 1,145
451	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXF 8 X 2' 6"	EA	1	844.00				1.25	$ 89	$ 844	$ -	$ -	$ -	$ 933
452	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXF 8 X 7' 0"	EA	4	1477.00				14.00	$ 1,000	$ 5,908	$ -	$ -	$ -	$ 6,908
453	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI FLG 90 8	EA	2	878.00				2.00	$ 143	$ 1,756	$ -	$ -	$ -	$ 1,899
454	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI FLG TEE 8	EA	4	1309.00				6.00	$ 428	$ 5,236	$ -	$ -	$ -	$ 5,664
455	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI FLG RED CON 8 X 3	EA	1	565.00				1.00	$ 71	$ 565	$ -	$ -	$ -	$ 636
456	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI FLG RED CON 8 X 6	EA	2	602.00				2.00	$ 143	$ 1,204	$ -	$ -	$ -	$ 1,347
457	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXF 6 X 3' 0"	EA	2	630.00				4.00	$ 286	$ 1,260	$ -	$ -	$ -	$ 1,546
458	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXF 4 X 3' 0"	EA	2	511.00				4.00	$ 286	$ 1,022	$ -	$ -	$ -	$ 1,308
459	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXF 4 X 7' 0"	EA	1	823.00				3.00	$ 214	$ 823	$ -	$ -	$ -	$ 1,037
460	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXF 3 X 5' 0"	EA	2	1063.00				4.00	$ 286	$ 2,126	$ -	$ -	$ -	$ 2,412
461	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXF 3 X 18' 0"	EA	1	3207.00				6.50	$ 464	$ 3,207	$ -	$ -	$ -	$ 3,671
462	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXF 3 X 12' 0"	EA	2	2218.00				10.00	$ 714	$ 4,436	$ -	$ -	$ -	$ 5,150
463	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXPE 3 X 10' 0"	EA	1	1763.00				5.00	$ 357	$ 1,763	$ -	$ -	$ -	$ 2,120
464	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI FLG TEE 8 X 4	EA	4	1218.00				6.00	$ 428	$ 4,872	$ -	$ -	$ -	$ 5,300
465	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI FLG 90 3	EA	5	225.00				2.50	$ 179	$ 1,125	$ -	$ -	$ -	$ 1,304
466	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI MEGAFLANGE 3	EA	2	87.00				1.00	$ 71	$ 174	$ -	$ -	$ -	$ 245
467	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI PIPE FXPE 3 X 5' 0"	EA	1	1063.00				2.00	$ 143	$ 1,063	$ -	$ -	$ -	$ 1,206
468	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI FLG 90 4	EA	2	348.00				2.00	$ 143	$ 696	$ -	$ -	$ -	$ 839
469	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI BLIND FLANGE 8	EA	2	409.00				2.00	$ 143	$ 818	$ -	$ -	$ -	$ 961
470	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	VALVE FLANGE BFV 3	EA	2	1143.00				2.00	$ 143	$ 2,286	$ -	$ -	$ -	$ 2,429
471	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	DI BLIND FLANGE 3	EA	2	95.00				1.00	$ 71	$ 190	$ -	$ -	$ -	$ 261
472	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	VALVE FLANGE BFV 8	EA	3	3386.00				6.00	$ 428	$ 10,158	$ -	$ -	$ -	$ 10,586
473	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	VALVE FLANGE BFV 6	EA	2	2829.00				3.50	$ 250	$ 5,658	$ -	$ -	$ -	$ 5,908
474	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	INST MAG METER 3	EA	1					1.00	$ 71	$ -	$ -	$ -	$ -	$ 71
475	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	VALVE FLANGE BFV 4	EA	1	1886.00				1.50	$ 107	$ 1,886	$ -	$ -	$ -	$ 1,993
476	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	NBG KIT SS 8	EA	30	60.00				18.00	$ 1,285	$ 1,800	$ -	$ -	$ -	$ 3,085
477	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	NBG KIT SS 6	EA	4	68.00				2.00	$ 143	$ 272	$ -	$ -	$ -	$ 415
478	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	NBG KIT SS 4	EA	9	43.00				3.60	$ 257	$ 387	$ -	$ -	$ -	$ 644
479	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	NBG KIT SS 3	EA	16	29.00				3.36	$ 240	$ 464	$ -	$ -	$ -	$ 704
480	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	PS KNEE BRACE W/ U BOLT HDG 3IN PIPE 16IN REACH	EA	7	715.00				21.00	$ 1,500	$ 5,005	$ -	$ -	$ -	$ 6,505
481	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	PS ADJ PIPE STAND W/ U BOLT HDG 8 X 1' 6"	EA	4	250.00				12.00	$ 857	$ 1,000	$ -	$ -	$ -	$ 1,857

#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
482	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	PS ADJ PIPE STAND W/ U BOLT HDG 8 X 7' 0"	EA	3	727.00				13.50	$ 964	$ 2,181	$ -	$ -	$ -	$ 3,145
483	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	PS ADJ PIPE STAND W/ U BOLT HDG 6 X 7' 0"	EA	2	727.00				9.00	$ 643	$ 1,454	$ -	$ -	$ -	$ 2,097
484	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	PS ANCHOR	EA	64	15.00				3.20	$ 229	$ 960	$ -	$ -	$ -	$ 1,189
485	BE	40 - Process Piping	RW & RCY TO MEM SKIDS	40 - Process Integration	PS GROUT PIPE STAND	EA	11	10.00				5.50	$ 393	$ 110	$ -	$ -	$ -	$ 503
486	BE												$ -	$ -	$ -	$ -	$ -	$ -
487	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	DI PIPE FXF 8 X 7' 0"	EA	6	1477.00				21.00	$ 1,500	$ 8,862	$ -	$ -	$ -	$ 10,362
488	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	DI PIPE FXF 8 X 10' 0"	EA	8	1824.00				48.00	$ 3,428	$ 14,592	$ -	$ -	$ -	$ 18,020
489	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	DI FLG TEE 8	EA	4	1309.00				6.00	$ 428	$ 5,236	$ -	$ -	$ -	$ 5,664
490	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	DI BLIND FLANGE 8	EA	4	409.00				4.00	$ 286	$ 1,636	$ -	$ -	$ -	$ 1,922
491	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	DI FLG 90 8	EA	5	878.00				5.00	$ 357	$ 4,390	$ -	$ -	$ -	$ 4,747
492	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	VALVE FLANGE BFV 8	EA	1	3386.00				2.00	$ 143	$ 3,386	$ -	$ -	$ -	$ 3,529
493	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	DI PIPE FXPE 8 X 10' 0"	EA	2	1551.00				12.00	$ 857	$ 3,102	$ -	$ -	$ -	$ 3,959
494	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	DI MEGAFLANGE 8	EA	2	501.00				2.00	$ 143	$ 1,002	$ -	$ -	$ -	$ 1,145
495	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	NBG KIT SS 8	EA	36	60.00				21.60	$ 1,542	$ 2,160	$ -	$ -	$ -	$ 3,702
496	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	PS ADJ PIPE STAND W/ U BOLT HDG 8 X 7' 0"	EA	14	727.00				63.00	$ 4,499	$ 10,178	$ -	$ -	$ -	$ 14,677
497	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	PS ANCHOR	EA	56	15.00				2.80	$ 200	$ 840	$ -	$ -	$ -	$ 1,040
498	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	PS GROUT PIPE STAND	EA	14	10.00				7.00	$ 500	$ 140	$ -	$ -	$ -	$ 640
499	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	NBG KIT SS 6	EA	12	68.00				6.00	$ 428	$ 816	$ -	$ -	$ -	$ 1,244
500	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	EXP JOINT FLANGED W/ REST 8	EA	1	5429.00				2.50	$ 179	$ 5,429	$ -	$ -	$ -	$ 5,608
501	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	VALVE FLANGE BFV 6	EA	4	2829.00				7.00	$ 500	$ 11,316	$ -	$ -	$ -	$ 11,816
502	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	DI FLG RED CON 8 X 6	EA	4	602.00				4.00	$ 286	$ 2,408	$ -	$ -	$ -	$ 2,694
503	BE	40 - Process Piping	BWW & FLT FM MEM SKIDS	40 - Process Integration	DI PIPE FXF 6 X 3' 0"	EA	4	630.00				8.00	$ 571	$ 2,520	$ -	$ -	$ -	$ 3,091
504	BE												$ -	$ -	$ -	$ -	$ -	$ -
505	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PVC80 PIPE 3	LF	40	15.10				8.40	$ 600	$ 604	$ -	$ -	$ -	$ 1,204
506	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PVC80 CPLG 3	EA	2	22.00				0.42	$ 30	$ 44	$ -	$ -	$ -	$ 74
507	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PVC80 90 3	EA	3	27.00				0.63	$ 45	$ 81	$ -	$ -	$ -	$ 126
508	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PVC80 FLANGE VAN STONE 4 SPIG	EA	2	39.00				0.60	$ 43	$ 78	$ -	$ -	$ -	$ 121
509	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PVC80 RED CPLG 4X3	EA	2	47.00				0.50	$ 36	$ 94	$ -	$ -	$ -	$ 130
510	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PVC80 FLANGE VAN STONE 3	EA	10	26.30				2.10	$ 150	$ 263	$ -	$ -	$ -	$ 413
511	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	NBG KIT SS 4	EA	2	43.00				0.80	$ 57	$ 86	$ -	$ -	$ -	$ 143
512	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	NBG KIT SS 3	EA	10	29.00				2.10	$ 150	$ 290	$ -	$ -	$ -	$ 440
513	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PS STRUT SLOTTED SS 1-5/8	LF	20	13.00				3.00	$ 214	$ 260	$ -	$ -	$ -	$ 474
514	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PS STRUT POST BASE SS	EA	2	75.00				2.00	$ 143	$ 150	$ -	$ -	$ -	$ 293
515	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PS 2PC STUT CLAMP SS 3	EA	6	5.20				1.26	$ 90	$ 31	$ -	$ -	$ -	$ 121
516	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PS STRUT MISC FTG / HARDWARE	LS	1	100.00					$ -	$ 100	$ -	$ -	$ -	$ 100
517	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PS ANCHOR	EA	8	15.00				0.40	$ 29	$ 120	$ -	$ -	$ -	$ 149
518	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	PS GROUT PIPE STAND	EA	2	10.00				1.00	$ 71	$ 20	$ -	$ -	$ -	$ 91

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#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
519	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	VALVE FLANGE BFV 3	EA	2	1143.00				2.00	$ 143	$ 2,286	$ -	$ -	$ -	$ 2,429
520	BE	40 - Process Piping	GW LINES TO FLT TNK	40 - Process Integration	INST MAG METER 3	EA	2					2.00	$ 143	$ -	$ -	$ -	$ -	$ 143
521	BE												$ -	$ -	$ -	$ -	$ -	$ -
522	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	EXP JOINT FLANGED W/ REST 8	EA	1	5429.00				2.50	$ 179	$ 5,429	$ -	$ -	$ -	$ 5,608
523	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI MEGAFLANGE 8	EA	2	501.00				2.00	$ 143	$ 1,002.00	$ -	$ -	$ -	$ 1,145
524	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI PIPE FXPE 8 X 7' 0"	EA	1	1163.00				5.00	$ 357	$ 1,163	$ -	$ -	$ -	$ 1,520
525	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI PIPE FXPE 8 X 2' 0"	EA	1	511.00				2.50	$ 179	$ 511	$ -	$ -	$ -	$ 690
526	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI PIPE FXF 8 X 3' 0"	EA	1	914.00				1.75	$ 125	$ 914	$ -	$ -	$ -	$ 1,039
527	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI PIPE FXF 8 X 2' 6"	EA	3	844.00				3.75	$ 268	$ 2,532	$ -	$ -	$ -	$ 2,800
528	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI PIPE FXF 8 X 1' 0"	EA	1	654.00				0.75	$ 54	$ 654	$ -	$ -	$ -	$ 708
529	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI PIPE FXPE 4 X 1' 0"	EA	4	213.00				3.00	$ 214	$ 852	$ -	$ -	$ -	$ 1,066
530	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI MEGAFLANGE 4	EA	4	263.00				4.00	$ 286	$ 1,052	$ -	$ -	$ -	$ 1,338
531	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI PIPE FXF 4 X 0' 6"	EA	4	354.00				3.00	$ 214	$ 1,416	$ -	$ -	$ -	$ 1,630
532	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI FLG 45 8	EA	1	725.00				1.00	$ 71	$ 725	$ -	$ -	$ -	$ 796
533	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI FLG TEE 8 X 4	EA	4	1218.00				6.00	$ 428	$ 4,872	$ -	$ -	$ -	$ 5,300
534	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI BLIND FLANGE 8	EA	2	409.00				2.00	$ 143	$ 818	$ -	$ -	$ -	$ 961
535	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	DI FLG 90 8	EA	1	878.00				1.00	$ 71	$ 878	$ -	$ -	$ -	$ 949
536	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	VALVE FLANGE BFV 8	EA	1	3386.00				2.00	$ 143	$ 3,386	$ -	$ -	$ -	$ 3,529
537	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	VALVE FLANGE BFV 4	EA	4	1886.00				6.00	$ 428	$ 7,544	$ -	$ -	$ -	$ 7,972
538	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	VALVE FLANGE CHECK 4	EA	2	3772.00				4.00	$ 286	$ 7,544	$ -	$ -	$ -	$ 7,830
539	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	INST MAG METER 8	EA	1					2.00	$ 143	$ -	$ -	$ -	$ -	$ 143
540	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	FLUSHING CONN	EA	4	100.00				6.00	$ 428	$ 400	$ -	$ -	$ -	$ 828
541	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	NBG KIT SS 8	EA	18	60.00				10.80	$ 771	$ 1,080	$ -	$ -	$ -	$ 1,851
542	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	NBG KIT SS 4	EA	18	43.00				7.20	$ 514	$ 774	$ -	$ -	$ -	$ 1,288
543	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	PS ADJ PIPE STAND W/ U BOLT HDG 8 X 3' 6"	EA	5	515.00				15.00	$ 1,071	$ 2,575	$ -	$ -	$ -	$ 3,646
544	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	PS ADJ PIPE STAND W/ U BOLT HDG 4 X 3' 6"	EA	4	515.00				12.00	$ 857	$ 2,060	$ -	$ -	$ -	$ 2,917
545	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	PS ANCHOR	EA	36	15.00				1.80	$ 129	$ 540	$ -	$ -	$ -	$ 669
546	BE	40 - Process Piping	FW TANK TO YARD	40 - Process Integration	PS GROUT PIPE STAND	EA	9	10.00				4.50	$ 321	$ 90	$ -	$ -	$ -	$ 411
547	BE												$ -	$ -	$ -	$ -	$ -	$ -
548	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 PIPE 3	LF	20	15.10				4.20	$ 300	$ 302	$ -	$ -	$ -	$ 602
549	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 CPLG 3	EA	1	22.00				0.21	$ 15	$ 22	$ -	$ -	$ -	$ 37
550	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 90 3	EA	2	27.00				0.42	$ 30	$ 54	$ -	$ -	$ -	$ 84
551	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 45 3	EA	4	36.30				0.84	$ 60	$ 145	$ -	$ -	$ -	$ 205
552	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 FLANGE VAN STONE 3	EA	2	26.30				0.42	$ 30	$ 53	$ -	$ -	$ -	$ 83
553	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	NBG KIT SS 3	EA	2	29.00				0.42	$ 30	$ 58	$ -	$ -	$ -	$ 88
554	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 UNION S 3	EA	1	51.00				0.21	$ 15	$ 51	$ -	$ -	$ -	$ 66
555	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PS 2PC STUT CLAMP SS 3	EA	8	5.20				1.68	$ 120	$ 42	$ -	$ -	$ -	$ 162

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#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
556	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PS STRUT SLOTTED SS 1-5/8	LF	24	13.00				3.60	$ 257	$ 312	$ -	$ -	$ -	$ 569
557	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PS ANCHOR F/ STRUT	EA	16	7.00				1.60	$ 114	$ 112	$ -	$ -	$ -	$ 226
558	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PS STRUT POST BASE SS	EA	8	75.00				8.00	$ 571	$ 600	$ -	$ -	$ -	$ 1,171
559	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 CAP 3	EA	2	30.00				0.42	$ 30	$ 60	$ -	$ -	$ -	$ 90
560	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 TEE 3 X 2	EA	4	9.00				0.60	$ 43	$ 36	$ -	$ -	$ -	$ 79
561	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 PIPE 2	LF	20	7.40				4.20	$ 300	$ 148	$ -	$ -	$ -	$ 448
562	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 CPLG 2	EA	1	7.50				0.21	$ 15	$ 8	$ -	$ -	$ -	$ 22
563	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 TEE 2 X 1/2	EA	4	6.10				0.84	$ 60	$ 24	$ -	$ -	$ -	$ 84
564	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 TU BALL VALVE 2	EA	4	175.00				0.84	$ 60	$ 700	$ -	$ -	$ -	$ 760
565	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 FLANGE VAN STONE 2	EA	4	15.40				0.84	$ 60	$ 62	$ -	$ -	$ -	$ 122
566	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	NBG KIT SS 2	EA	4	27.00				0.84	$ 60	$ 108	$ -	$ -	$ -	$ 168
567	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 TU BALL CHECK 2	EA	2	215.00				0.42	$ 30	$ 430	$ -	$ -	$ -	$ 460
568	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 TU BALL VALVE 1/2	EA	4	55.00				0.84	$ 60	$ 220	$ -	$ -	$ -	$ 280
569	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PS 2PC STUT CLAMP SS 2	EA	4	3.30				0.84	$ 60	$ 13	$ -	$ -	$ -	$ 73
570	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PS GROUT PIPE STAND	EA	8	10.00				4.00	$ 286	$ 80	$ -	$ -	$ -	$ 366
571	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	DI BLIND FLANGE 8 W/ 3IN TAP	EA	1	769.00				1.00	$ 71	$ 769	$ -	$ -	$ -	$ 840
572	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	NBG KIT SS 8	EA	1	60.00				0.60	$ 43	$ 60	$ -	$ -	$ -	$ 103
573	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	PVC80 MALE ADAPTER 3	EA	2	28.00				0.42	$ 30	$ 56	$ -	$ -	$ -	$ 86
574	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	DI BLIND FLANGE 6 W/ 3IN TAP	EA	1	605.00				1.00	$ 71	$ 605	$ -	$ -	$ -	$ 676
575	BE	40 - Process Piping	RCY IN FILTER BLDG	40 - Process Integration	NBG KIT SS 6	EA	1	68.00				0.50	$ 36	$ 68	$ -	$ -	$ -	$ 104
576	BE												$ -	$ -	$ -	$ -	$ -	$ -
577	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	DI PIPE FXPE 8 X 3' 0"	EA	2	641.00				5.00	$ 357	$ 1,282	$ -	$ -	$ -	$ 1,639
578	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	DI MEGALUG W/ ACC 8	EA	4	577.00				4.00	$ 286	$ 2,308	$ -	$ -	$ -	$ 2,594
579	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	DI PIPE FXF 8 X 4' 0"	EA	1	1044.00				2.00	$ 143	$ 1,044	$ -	$ -	$ -	$ 1,187
580	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	DI FLG 90 8	EA	2	878.00				2.00	$ 143	$ 1,756	$ -	$ -	$ -	$ 1,899
581	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	NBG KIT SS 8	EA	17	60.00				10.20	$ 728	$ 1,020	$ -	$ -	$ -	$ 1,748
582	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	PS KNEE BRACE W/ U BOLT HDG 8IN PIPE 24IN REACH	EA	8	1143.00				24.00	$ 1,714	$ 9,144	$ -	$ -	$ -	$ 10,858
583	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	PS ADJ PIPE STAND W/ U BOLT HDG 8 X 1' 0"	EA	1	129.00				3.00	$ 214	$ 129	$ -	$ -	$ -	$ 343
584	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	PS ANCHOR	EA	36	15.00				1.80	$ 129	$ 540	$ -	$ -	$ -	$ 669
585	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	PS GROUT PIPE STAND	EA	1	10.00				0.50	$ 36	$ 10	$ -	$ -	$ -	$ 46
586	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	PVC80 PIPE 8	LF	80	106.00				40.00	$ 2,856	$ 8,480	$ -	$ -	$ -	$ 11,336
587	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	PVC80 FLANGE VAN STONE 8	EA	17	97.00				8.50	$ 607	$ 1,649	$ -	$ -	$ -	$ 2,256
588	BE	40 - Process Piping	BWW IN FLR BLDG	40 - Process Integration	DRILL HOLES IN PVC PIPE	EA	13					3.25	$ 232	$ -	$ -	$ -	$ -	$ 232
589	BE												$ -	$ -	$ -	$ -	$ -	$ -
590	BE	40 - Process Piping	TANK VENT	40 - Process Integration	PVC80 PIPE 4	LF	40	44.10				10.00	$ 714	$ 1,764	$ -	$ -	$ -	$ 2,478
591	BE	40 - Process Piping	TANK VENT	40 - Process Integration	PVC80 CPLG 4	EA	2	26.60				0.50	$ 36	$ 53	$ -	$ -	$ -	$ 89
592	BE	40 - Process Piping	TANK VENT	40 - Process Integration	PVC80 90 4	EA	1	40.00				0.30	$ 21	$ 40	$ -	$ -	$ -	$ 61

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#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
593	BE	40 - Process Piping	TANK VENT	40 - Process Integration	PVC80 45 4	EA	2	65.40				0.60	$ 43	$ 131	$ -	$ -	$ -	$ 174
594	BE	40 - Process Piping	TANK VENT	40 - Process Integration	PVC80 FLANGE VAN STONE 4	EA	6	33.20				1.80	$ 129	$ 199	$ -	$ -	$ -	$ 328
595	BE	40 - Process Piping	TANK VENT	40 - Process Integration	NBG KIT SS 4	EA	4	43.00				1.60	$ 114	$ 172	$ -	$ -	$ -	$ 286
596	BE	40 - Process Piping	TANK VENT	40 - Process Integration	SLEEVE ESCUCHEON BOOT 4IN	EA	2	65.00				3.00	$ 214	$ 130	$ -	$ -	$ -	$ 344
597	BE	40 - Process Piping	TANK VENT	40 - Process Integration	SLEEVE CS 6 X 14	EA	1	124.00				3.00	$ 214	$ 124	$ -	$ -	$ -	$ 338
598	BE	40 - Process Piping	TANK VENT	40 - Process Integration	LS-300 SS	EA	15	8.70				2.25	$ 161	$ 131	$ -	$ -	$ -	$ 291
599	BE	40 - Process Piping	TANK VENT	40 - Process Integration	BIRD SCREEN SS	SF	1	25.00				0.50	$ 36	$ 25	$ -	$ -	$ -	$ 61
600	BE	40 - Process Piping	TANK VENT	40 - Process Integration	PS 2PC STUT CLAMP SS 4	EA	6	13.50				1.26	$ 90	$ 81	$ -	$ -	$ -	$ 171
601	BE	40 - Process Piping	TANK VENT	40 - Process Integration	PS STRUT SLOTTED SS 1-5/8	LF	6	13.00				0.90	$ 64	$ 78	$ -	$ -	$ -	$ 142
602	BE	40 - Process Piping	TANK VENT	40 - Process Integration	PS ANCHOR F/ STRUT	EA	12	7.00				1.20	$ 86	$ 84	$ -	$ -	$ -	$ 170
603	BE												$ -	$ -	$ -	$ -	$ -	$ -
604	BE	40 - Process Piping	TANK OF	40 - Process Integration	PVC80 PIPE 6	LF	20	44.10				8.00	$ 571	$ 882	$ -	$ -	$ -	$ 1,453
605	BE	40 - Process Piping	TANK OF	40 - Process Integration	PVC80 CPLG 6	EA	1	90.00				0.40	$ 29	$ 90	$ -	$ -	$ -	$ 119
606	BE	40 - Process Piping	TANK OF	40 - Process Integration	PVC80 90 6	EA	1	112.00				0.40	$ 29	$ 112	$ -	$ -	$ -	$ 141
607	BE	40 - Process Piping	TANK OF	40 - Process Integration	PVC80 FLANGE VAN STONE 6	EA	3	52.30				1.20	$ 86	$ 157	$ -	$ -	$ -	$ 243
608	BE	40 - Process Piping	TANK OF	40 - Process Integration	NBG KIT SS 6	EA	2	68.00				1.00	$ 71	$ 136	$ -	$ -	$ -	$ 207
609	BE	40 - Process Piping	TANK OF	40 - Process Integration	RUPTURE DISC 6	EA	1	35.00				0.50	$ 36	$ 35	$ -	$ -	$ -	$ 71
610	BE	40 - Process Piping	TANK OF	40 - Process Integration	PS 2PC STUT CLAMP SS 6	EA	3	20.00				0.63	$ 45	$ 60	$ -	$ -	$ -	$ 105
611	BE	40 - Process Piping	TANK OF	40 - Process Integration	PS STRUT SLOTTED SS 1-5/8	LF	20	13.00				3.00	$ 214	$ 260	$ -	$ -	$ -	$ 474
612	BE	40 - Process Piping	TANK OF	40 - Process Integration	PS ANCHOR F/ STRUT	EA	8	7.00				0.80	$ 57	$ 56	$ -	$ -	$ -	$ 113
613	BE	40 - Process Piping	TANK OF	40 - Process Integration	PS STRUT MISC FTG / HARDWARE	LS	1	125.00					$ -	$ 125	$ -	$ -	$ -	$ 125
614	BE	40 - Process Piping	TANK OF	40 - Process Integration	PS STRUT POST BASE SS	EA	2	75.00				2.00	$ 143	$ 150	$ -	$ -	$ -	$ 293
615	BE												$ -	$ -	$ -	$ -	$ -	$ -
616	BE												$ -	$ -	$ -	$ -	$ -	$ -
617	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE TANK	43 - Process Gas and Liquid Handling, Pu	SUPPLY PKG FILTRATE TANK	LS	1	16000.00					$ -	$ 16,000	$ -	$ -	$ -	$ 16,000
618	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE TANK	43 - Process Gas and Liquid Handling, Pu	FILTRATE TANK 8000 GAL	EA	1					32.00	$ 2,285	$ -	$ -	$ -	$ -	$ 2,285
619	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE TANK	43 - Process Gas and Liquid Handling, Pu	TANK ANCHORS	EA	12	25.00				3.00	$ 214	$ 300	$ -	$ -	$ -	$ 514
620	BE												$ -	$ -	$ -	$ -	$ -	$ -
621	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE PUMPS	43 - Process Gas and Liquid Handling, Pu	SUPPLY PKG FILTRATE PUMP	LS	1	40000.00					$ -	$ 40,000	$ -	$ -	$ -	$ 40,000
622	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE PUMPS	43 - Process Gas and Liquid Handling, Pu	HORIZ CENT PUMP 15HP	EA	2					32.00	$ 2,285	$ -	$ -	$ -	$ -	$ 2,285
623	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE PUMPS	43 - Process Gas and Liquid Handling, Pu	ANCHORS F/ EQUIPMENT	EA	8	25.00				1.60	$ 114	$ 200	$ -	$ -	$ -	$ 314
624	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE PUMPS	43 - Process Gas and Liquid Handling, Pu	GROUT EQUIPMENT BASE	CF	2	125.00				6.00	$ 428	$ 250	$ -	$ -	$ -	$ 678
625	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE PUMPS	43 - Process Gas and Liquid Handling, Pu	MISC MATERIALS	LS	1	250.00					$ -	$ 250	$ -	$ -	$ -	$ 250
626	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE PUMPS	43 - Process Gas and Liquid Handling, Pu	STARTUP AND TRAINING	LS	1					6.00	$ 428	$ -	$ -	$ -	$ -	$ 428
627	BE												$ -	$ -	$ -	$ -	$ -	$ -
628	BE	43 - Process Gas & Liquid Handling, Purification, St	BW RCY PUMPS	43 - Process Gas and Liquid Handling, Pu	SUPPLY PKG RECYCLE PUMP	LS	1	20000.00					$ -	$ 20,000	$ -	$ -	$ -	$ 20,000
629	BE	43 - Process Gas & Liquid Handling, Purification, St	BW RCY PUMPS	43 - Process Gas and Liquid Handling, Pu	HORIZ CENT PUMP 1HP	EA	2					28.00	$ 1,999	$ -	$ -	$ -	$ -	$ 1,999

#	Est.	BID ITEM	LOCATION/SYSTEM	DIVISION	DESCRIPTION	UNIT	QTY	MATL UNIT	EQUIP UNIT	SUB UNIT	OTHER UNIT	MH	LABOR TOTAL	MATL TOTAL	EQUIP TOTAL	SUB TOTAL	OTHER TOTAL	DIRECT COST
												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
630	BE	43 - Process Gas & Liquid Handling, Purification, St	BW RCY PUMPS	43 - Process Gas and Liquid Handling, Pu	ANCHORS F/ EQUIPMENT	EA	8	25.00				1.60	$ 114	$ 200	$ -	$ -	$ -	$ 314
631	BE	43 - Process Gas & Liquid Handling, Purification, St	BW RCY PUMPS	43 - Process Gas and Liquid Handling, Pu	GROUT EQUIPMENT BASE	CF	1	125.00				3.00	$ 214	$ 125	$ -	$ -	$ -	$ 339
632	BE	43 - Process Gas & Liquid Handling, Purification, St	BW RCY PUMPS	43 - Process Gas and Liquid Handling, Pu	MISC MATERIALS	LS	1	100.00					$ -	$ 100	$ -	$ -	$ -	$ 100
633	BE	43 - Process Gas & Liquid Handling, Purification, St	BW RCY PUMPS	43 - Process Gas and Liquid Handling, Pu	STARTUP AND TRAINING	LS	1					6.00	$ 428	$ -	$ -	$ -	$ -	$ 428
634	BE												$ -	$ -	$ -	$ -	$ -	$ -
635	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE HYPO	43 - Process Gas and Liquid Handling, Pu	SUPPLY PKG SODIUM HYPO FEED PANEL	LS	1	19000.00					$ -	$ 19,000	$ -	$ -	$ -	$ 19,000
636	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE HYPO	43 - Process Gas and Liquid Handling, Pu	CHEM FEED SKID SODIUM HYPOCHLORITE	EA	1					12.00	$ 857	$ -	$ -	$ -	$ -	$ 857
637	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE HYPO	43 - Process Gas and Liquid Handling, Pu	CHEM FEED SUCTION PIPING	EA	1	50.00				3.50	$ 250	$ 50	$ -	$ -	$ -	$ 300
638	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE HYPO	43 - Process Gas and Liquid Handling, Pu	ANCHORS F/ EQUIPMENT	EA	4	20.00				0.80	$ 57	$ 80	$ -	$ -	$ -	$ 137
639	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE HYPO	43 - Process Gas and Liquid Handling, Pu	MISC MATERIALS	LS	1	150.00					$ -	$ 150	$ -	$ -	$ -	$ 150
640	BE	43 - Process Gas & Liquid Handling, Purification, St	FILTRATE HYPO	43 - Process Gas and Liquid Handling, Pu	STARTUP AND TRAINING	LS	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
641	BE												$ -	$ -	$ -	$ -	$ -	$ -
642	BE	43 - Process Gas & Liquid Handling, Purification, St	SODA ASH	43 - Process Gas and Liquid Handling, Pu	SUPPLY PKG SODA ASH SYSTEM	LS	1	205028.00					$ -	$ 205,028	$ -	$ -	$ -	$ 205,028
643	BE	43 - Process Gas & Liquid Handling, Purification, St	SODA ASH	43 - Process Gas and Liquid Handling, Pu	HOPPER AND SUPPORT FRAME	EA	1					64.00	$ 4,570	$ -	$ -	$ -	$ -	$ 4,570
644	BE	43 - Process Gas & Liquid Handling, Purification, St	SODA ASH	43 - Process Gas and Liquid Handling, Pu	SCREW FEEDER	EA	1					16.00	$ 1,143	$ -	$ -	$ -	$ -	$ 1,143
645	BE	43 - Process Gas & Liquid Handling, Purification, St	SODA ASH	43 - Process Gas and Liquid Handling, Pu	MIX TANK / PUMP SKID	EA	1					16.00	$ 1,143	$ -	$ -	$ -	$ -	$ 1,143
646	BE	43 - Process Gas & Liquid Handling, Purification, St	SODA ASH	43 - Process Gas and Liquid Handling, Pu	CONTROL PANEL	EA	1					4.00	$ 286	$ -	$ -	$ -	$ -	$ 286
647	BE	43 - Process Gas & Liquid Handling, Purification, St	SODA ASH	43 - Process Gas and Liquid Handling, Pu	ANCHORS F/ EQUIPMENT	EA	24	25.00				4.80	$ 343	$ 600	$ -	$ -	$ -	$ 943
648	BE	43 - Process Gas & Liquid Handling, Purification, St	SODA ASH	43 - Process Gas and Liquid Handling, Pu	GROUT EQUIPMENT BASE	CF	3	125.00				9.00	$ 643	$ 375	$ -	$ -	$ -	$ 1,018
649	BE	43 - Process Gas & Liquid Handling, Purification, St	SODA ASH	43 - Process Gas and Liquid Handling, Pu	MISC MATERIALS	LS	1	500.00					$ -	$ 500	$ -	$ -	$ -	$ 500
650	BE	43 - Process Gas & Liquid Handling, Purification, St	SODA ASH	43 - Process Gas and Liquid Handling, Pu	STARTUP AND TRAINING	LS	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
651	BE												$ -	$ -	$ -	$ -	$ -	$ -
652	BE	46 - Water & Wastewater Equipment	AUTO STRAINER	45 - Industry-Specific Manufacturing Equip	SUPPLY PKG AUTO STRAINER	LS	1	27286.00					$ -	$ 27,286	$ -	$ -	$ -	$ 27,286
653	BE	46 - Water & Wastewater Equipment	AUTO STRAINER	45 - Industry-Specific Manufacturing Equip	BASKET STRAINER FLANGED 8IN	EA	1					24.00	$ 1,714	$ -	$ -	$ -	$ -	$ 1,714
654	BE	46 - Water & Wastewater Equipment	AUTO STRAINER	45 - Industry-Specific Manufacturing Equip	CONTROL PANEL	EA	1					4.00	$ 286	$ -	$ -	$ -	$ -	$ 286
655	BE	46 - Water & Wastewater Equipment	AUTO STRAINER	45 - Industry-Specific Manufacturing Equip	ANCHORS F/ EQUIPMENT	EA	8	25.00				2.00	$ 143	$ 200	$ -	$ -	$ -	$ 343
656	BE	46 - Water & Wastewater Equipment	AUTO STRAINER	45 - Industry-Specific Manufacturing Equip	GROUT EQUIPMENT BASE	CF	1	125.00				3.00	$ 214	$ 125	$ -	$ -	$ -	$ 339
657	BE	46 - Water & Wastewater Equipment	AUTO STRAINER	45 - Industry-Specific Manufacturing Equip	MISC MATERIALS	LS	1	150.00					$ -	$ 150	$ -	$ -	$ -	$ 150
658	BE	46 - Water & Wastewater Equipment	AUTO STRAINER	45 - Industry-Specific Manufacturing Equip	STARTUP AND TRAINING	LS	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
659	BE												$ -	$ -	$ -	$ -	$ -	$ -
660	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	SUPPLY PKG MEMBRANE TREATMENT SYSTEM	LS	1	1305000.00					$ -	$ 1,305,000	$ -	$ -	$ -	$ 1,305,000
661	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	RAW WATER TURBIDIMETER PANEL	EA	1					4.00	$ 286	$ -	$ -	$ -	$ -	$ 286
662	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	MEMBRANE TREATMENT SKIDS	EA	2					64.00	$ 4,570	$ -	$ -	$ -	$ -	$ 4,570
663	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	MODULES	EA	48					24.00	$ 1,714	$ -	$ -	$ -	$ -	$ 1,714
664	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	BACKWASH SKID	EA	1					20.00	$ 1,428	$ -	$ -	$ -	$ -	$ 1,428
665	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	BACKPULSE TANK	EA	1					20.00	$ 1,428	$ -	$ -	$ -	$ -	$ 1,428
666	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	CIP TANK 6000 GAL	EA	1					24.00	$ 1,714	$ -	$ -	$ -	$ -	$ 1,714

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												12996.4	$ 928,065	$ 3,043,288	$ 394,313	$ 4,958,294	$ 918,519	$ 10,242,478
667	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	CHEM FEED SKID SODIUM HYPOCHLORITE	EA	1					12.00	$ 857	$ -	$ -	$ -	$ -	$ 857
668	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	CHEM FEED SKID CITRIC ACID	EA	1					12.00	$ 857	$ -	$ -	$ -	$ -	$ 857
669	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	CHEM FEED SKID MINERAL ACID	EA	1					12.00	$ 857	$ -	$ -	$ -	$ -	$ 857
670	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	CHEM FEED SKID SODIUM HYDROXIDE	EA	1					12.00	$ 857	$ -	$ -	$ -	$ -	$ 857
671	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	CHEM FEED SKID SODIUM BISULFITE	EA	1					12.00	$ 857	$ -	$ -	$ -	$ -	$ 857
672	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	AIR COMPRESSOR	EA	2					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
673	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	RECIEVER TANK	EA	1					8.00	$ 571	$ -	$ -	$ -	$ -	$ 571
674	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	AIR DRIER	EA	2					6.00	$ 428	$ -	$ -	$ -	$ -	$ 428
675	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	CA PIPING AND RACK	LS	1	750.00				24.00	$ 1,714	$ 750	$ -	$ -	$ -	$ 2,464
676	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	CONTROL PANEL	EA	1					4.00	$ 286	$ -	$ -	$ -	$ -	$ 286
677	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	SPARE PARTS	LS	1					4.00	$ 286	$ -	$ -	$ -	$ -	$ 286
678	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	CHEM FEED SUCTION PIPING	EA	6	50.00				21.00	$ 1,500	$ 300	$ -	$ -	$ -	$ 1,800
679	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	CHEM CONTAINMENT PALLET	EA	5	350.00				10.00	$ 714	$ 1,750	$ -	$ -	$ -	$ 2,464
680	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	ANCHORS F/ EQUIPMENT	EA	88	20.00				17.60	$ 1,257	$ 1,760	$ -	$ -	$ -	$ 3,017
681	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	GROUT EQUIPMENT BASE	CF	1	125.00				3.00	$ 214	$ 125	$ -	$ -	$ -	$ 339
682	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	MISC MATERIALS	LS	1	1500.00					$ -	$ 1,500	$ -	$ -	$ -	$ 1,500
683	BE	46 - Water & Wastewater Equipment	MEMBRANE EQUIP	45 - Industry-Specific Manufacturing Equip	STARTUP AND TRAINING	LS	1					40.00	$ 2,856	$ -	$ -	$ -	$ -	$ 2,856

The following attachment is not included in this view since it is not a read-only PDF file.

The agency will receive all application forms and attachments without any data loss.

AttachmentForm_1_2-ATT2-1236-Appendix C_WaterSMART_Minturn_Alternatives Report.pdf

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The following attachment is not included in this view since it is not a read-only PDF file.

The agency will receive all application forms and attachments without any data loss.

AttachmentForm_1_2-ATT3-1237-Appendix D _WaterSMART_Minturn_Letters of Support.pdf

OMB Number: 4040-0013
Expiration Date: 02/28/2025

CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, ''Disclosure of Lobbying Activities,'' in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, ''Disclosure of Lobbying Activities,'' in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

* APPLICANT'S ORGANIZATION	Town of Minturn, Colorado
* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE	
Prefix:	
* First Name:	Madison
Middle Name:	
* Last Name:	Harris
Suffix:	
* Title:	Planner
* SIGNATURE:	Madison Harris
* DATE:	10/07/2024

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C.1352

OMB Number: 4040-0013
Expiration Date: 02/28/2025

1. * Type of Federal Action:
- ☐ a. contract
- ☒ b. grant
- ☐ c. cooperative agreement
- ☐ d. loan
- ☐ e. loan guarantee
- ☐ f. loan insurance

2. * Status of Federal Action:
- ☐ a. bid/offer/application
- ☒ b. initial award
- ☐ c. post-award

3. * Report Type:
- ☒ a. initial filing
- ☐ b. material change

4. Name and Address of Reporting Entity:

☒ Prime ☐ SubAwardee

** Name:* Town of Minturn, Colorado

** Street 1:* 302 Pine Street *Street 2:* #309

** City:* Minturn *State:* CO: Colorado *Zip:* 81645

Congressional District, if known: CO002

5. If Reporting Entity in No.4 is Subawardee, Enter Name and Address of Prime:

6. * Federal Department/Agency:
Department of Interior, USBR

7. * Federal Program Name/Description:
Reclamation States Emergency Drought Relief

CFDA Number, *if applicable:* 15.514

8. Federal Action Number, *if known:*

9. Award Amount, *if known:*
$

10. a. Name and Address of Lobbying Registrant:

Prefix: ** First Name:* Sarah *Middle Name:*

** Last Name:* Marin *Suffix:*

** Street 1:* 200 Massachusetts Avenue NW, Suite 380 *Street 2:* Suite 380

** City:* Washington *State:* DC: District of Columbia *Zip:* 20001

b. Individual Performing Services (including address if different from No. 10a)

Prefix: ** First Name:* Sarah *Middle Name:*

** Last Name:* Marin *Suffix:*

** Street 1:* 200 Massachusetts Avenue NW, Suite 380 *Street 2:* Suite 380

** City:* Washington *State:* DC: District of Columbia *Zip:* 20001

11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when the transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

*** Signature:** Madison Harris

***Name:** *Prefix:* ** First Name:* Madison *Middle Name:*

** Last Name:* Harris *Suffix:*

Title: Planner **Telephone No.:** 370-445-2429 **Date:** 10/07/2024

Federal Use Only:

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Standard Form - LLL (Rev. 7-97)

To: Minturn Town Council
From: Scot Hunn, Consulting Planning Director
Date: October 17, 2024
RE: Planning Director Update

Minturn Forward Code Update Project:

The Planning Department continues to work with Western Slope Consulting (Matt Farrar) and the Planning Commission to develop and review new articles and sections of Chapters 16 (Zoning) and 17 (Subdivision) of the Minturn Municipal Code as part of the Minturn Forward Code Update Project. The new Chapters 16 & 17 will replace the existing Chapters upon adoption. Priority has been placed on the creation of new administrative articles and sections that will have the most impact on improving processes and the implementation of the Town's policies. Each new article or section of code has been vetted internally (by the Planning department, the Town Attorney, and the Town Engineer) prior to presenting a draft document to the Planning Commission for review. Following Planning Commission review, the draft document is then revised and represented to the Planning Commission before moving on to additional articles and sections. Articles created and reviewed since June 2024 include:

- **Article 5 – Land Use Application Requirements & Procedures**
  - This article sets forth the purposes, application submittal requirements, review criteria, and processes for each land use application type (i.e. rezoning, PUDs, zoning variances, conditional use permits, DRB applications).
  - This is considered by staff as perhaps the most critical article in the new code. This article will correct contradictions and conflicts in the current code by standardizing language, processes, and terms while clarifying the intent of each different land use application review by the Town.
  - The clarity and standardization of certain elements of the code will create efficiency for the Town and predictability for applicants.
- **Article 12 – Environmental Impact Report**
  - This article replaces the previous environmental impact report section of the code and adds clarity to the process and administrative aspects.
  - This article includes existing provisions (existing code) along with new provisions that allow the Town to evaluate potential development impacts on the natural environment.
  - This article will also address potential development impacts on social, fiscal, or cultural environments of the Town.

The Minturn Forward project was originally estimated by the planning director to be completed by December 2024. While certain articles may be completed and reviewed by the Commission by the end of 2024, work focusing on drafting of new code articles did not commence until June 2024 and the development and review of each new article has proven more time-consuming than anticipated. This is typical of any comprehensive code update or overhaul project and is also indicative of detailed and thoughtful review and critique by staff, consultants, and the Planning Commission to ensure that the new code is clear, implementable and a marked improvement over the existing code.

Therefore, staff and Western Slope Consulting have provided the Town Manager and Council with an updated schedule which organizes project into "modules" and general time frames (i.e., August 2024 – March 2025) for the drafting, review, and completion of each module. Additionally, a detailed calendar has been provided showing the due dates for preparation of draft articles as well as anticipated dates for review of articles by the Commission, the Town Council (including joint work sessions), and the public. The schedule shows an anticipated completion and adoption date of July 2025. The Town's website will be updated to reflect the schedule and key dates/milestones.

Last, Western Slope Consulting has provided a budget corresponding to the modules and the schedule to accurately reflect the workload ahead and the anticipated costs for ongoing support by Western Slope Consulting needed to complete the project. The timeline, calendar, and budget detail sheets are attached under cover of this memo.

Active Land Use Applications:

- **Midtown Village Planned Unit Development Preliminary Plan Review**
  Staff and referral agencies have been reviewing the Midtown Village Planned Unit Development (PUD) Preliminary Plan and Preliminary Plat application since late 2023. This mixed-use PUD proposal located in the 900 Block of South Minturn is primarily residential in nature but does include proposed commercial and/or civic uses. This PUD is being proposed and reviewed as a phased development plan based on availability of water. The Midtown Village Preliminary Plan will be presented to the Planning Commission on November 13, 2024 where the commission will consider the proposal and forward a recommendation for Town Council's consideration.

- **Eagle County School District – Maloit Park Preliminary Subdivision Plat Review**
  Staff has been reviewing the Eagle County School District Maloit Park Preliminary Plat for Subdivision application since late 2023. Following two rounds of review for completeness and sufficiency (ensuring that the Town has the type and level of information and details necessary to allow for a thorough review), the application has been sent to referral agencies as well as the Town's consultant team for review. Referral comments have already been received or are anticipated in the coming week. If the referral process produces substantive comments or concerns from referral agencies, the Applicant will have the opportunity to address those comments or concerns; to revise the application; and/or to request a meeting with referral agencies. Following the completion of the referral process, the subdivision application will be scheduled for a public hearing before the Planning Commission who will make a recommendation for the Council's consideration.

Other Planning Department Activities:

- **Eagle County Regional Housing Action Plan Partnership**
  The planning director has been participating alongside representatives from Eagle County, Avon, Eagle, Gypsum, Red Cliff, and Vail in a regional housing action plan task force spearheaded by Eagle County and the Town of Avon. The purpose of this effort is to create a regional housing action plan – looking at alignment between land use policies and community housing goals within and across jurisdictions, as well as identifying potential funding sources to implement priorities and projects - and is based on a housing needs assessment being finalized by Economic Planning Systems (EPS). The assessment is based on community survey work and an extensive process by EPS to work with each partner jurisdiction to compile data on existing land use and development, existing housing policies and housing units/supply in each jurisdiction, as well as demographics and market trends. The partnership will begin presenting the results of the assessment with each of the partner jurisdictions in October and November. The partnership will present its findings to the Minturn Town Council at the November 6, 2024, Council Meeting.

- **Eagle County Wildland Urban Interface (WUI) Code Working Group**
  The planning director and the code enforcement officer have been participating in a regional effort spearheaded by the Eagle County Wildfire Collaborative group to understand and discuss alternatives, pros, and cons related to the potential adoption of Wildland Urban Interface (WUI) code requirements in member jurisdictions (towns, special districts, and the fire districts). This group has been meeting since the start of 2024 and work completed to date includes sharing and analysis of each jurisdictions' existing land use, zoning, and building code regulations and policies to better understand where, if at all, there are commonalities across or among jurisdictions by way of fire or wildfire related terms, regulations, or design requirements for things like home construction, landscape design and materials, and access to private property. At their meeting on October 10, 2024, the group discussed a new state-led effort to establish minimum standards for the Wildfire Urban Interface, which will likely impact most of Eagle County. As proposed, local jurisdictions will have the option to adopt stricter codes, reflecting the diverse hazard ratings in the region. The state plans to release a draft code early next year, allowing for public input, which group members recognized as a crucial opportunity for community engagement. This topic and an update on the WUI Code Working Group's progress will be shared at the upcoming Mayors and Managers meeting of October 25, 2024.

MINTURN FORWARD SCHEDULE

Updated: October 9, 2024

MODULE 1
Sections of Land Use Code to be addressed… Article 5: Land Use Application Requirements & Procedures Article 8: Subdivision Application Requirements & Procedures Article 12: Environmental Impact Report
Tentative Timeframe: July- December 2024

MODULE 2
Sections of Land Use Code to be addressed… Article 2: Zone Districts Article 3: Use Regulations & Standards Article 4: Dimensional Requirements
Tentative Timeframe: August 2024- March 2025

MODULE 3
Sections of Land Use Code to be addressed… Article 6: Development/Design Standards Article 7: Subdivision Standards Article 9: Community Housing Standards and Guidelines
Tentative Timeframe: January- April 2025

MODULE 4
Sections of Land Use Code to be addressed… Article 1: General Provisions Article 10: Annexation Article 11: Disconnection of Land Article 13: Areas and Activities of State Interest Article 14: Terms & Definitions
Tentative Timeframe: February- May 2025

PLANNING COMMISSION & TOWN COUNCIL ADOPTION PROCESS
Tentative Timeframe: June- July 2025

OCTOBER 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	1 **Staff Check-In Meeting** • Review/revise Draft #1 of Article 5 (First Half)	2	3 **Materials for PC Packet Due** • Draft #1 of Article 12	4	5
6	7 *Work on review and update to Zone Districts, Use Regulations, and Dimensional Requirements this week --->*	8 **Staff Check-In Meeting** • Review/revise Draft #1 of Article 5 (First Half) • Review/revise Zone Districts, Use Regs & Dimensional Requirements	9 **PC Meeting** • Review Draft #1 of Article 12	10	11 **Deadline** • Staff comments on Draft #1 of Article 5 (First Half)	12
13	14 **Deadline** • Draft #1 of Article 8 made available to staff *Work on review and update to Zone Districts, Use Regulations, and Dimensional Requirements this week --->*	15 **Staff Check-In Meeting** • Revise Draft #1 of Article 12 based on PC comments • Review/revise Draft #1 of Article 5 (First Half) • Review/revise Zone Districts, Use Regs & Dimensional Requirements	16	17 **Materials for PC Packet Due** • Draft #2 of Article 12 • Draft #2 of Article 5 (First Half)	18	19
20	21 *Work on review and update to Zone Districts, Use Regulations, and Dimensional Requirements this week --->*	22 **Staff Check-In Meeting** • Review/revise Draft #1 of Article 5 (Second Half) • Review/revise Zone Districts, Use Regs & Dimensional Requirements	23 **PC Meeting** • Review Draft #2 of Article 12 • Review Draft #2 of Article 5 (First Half)	24	25	26
27	28 *Work on review and update to Zone Districts, Use Regulations, and Dimensional Requirements this week --->*	29 **Staff Check-In Meeting** • Final revisions to Article 12 based on PC comments • Review/revise Draft #1 of Article 5 (Second Half) • Review/revise Draft #1 of Article 8 • Prep for Zoning Open Houses	30 **Deadline** • Staff comments on Draft #1 of Article 5 (Second Half)	31	1	2

NOVEMBER 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27	28	29	30	31	1 **Deadline** • Staff comments on Draft #1 of Article 8	2
3	4 *Work on prep for "Zoning Open Houses" this week --->*	5 **Staff Check-In Meeting** • Review/revise Draft #1 of Article 8 • Prep for Zoning Open Houses	6	7 **Materials for PC Packet Due** • Draft #2 of Article 5 (Second Half) • Draft #1 of Article 8	8	9

NOVEMBER 2024 (continued)

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
10	11 **"Zoning Open House(s)" this week? --->**	12 **Staff Check-In Meeting**	13 **PC Meeting** • Review Draft #2 of Article 5 (Second Half) • Review Draft #1 of Article 8	14	15	16
17	18 **"Zoning Open House(s)" this week? --->**	19 **Staff Check-In Meeting** • Final revisions to Article 5 based on PC comments	20	21	22	23
24	25	26 **Staff Check-In Meeting** • Review/revise Draft #1 of Article 8 • Review/revise Draft #1 of Article 5 (Second Half) • Review/revise Zone Districts, Use Regs & Dimensional Requirements	27 **PC Meeting** • Review Draft #1 of Article 8	28 **THANKSGIVING DAY**	29	30

DECEMBER 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 **Additional "Zoning Open House(s)" this week (if needed)? --->**	3 **Staff Check-In Meeting** • Revise Draft #1 of Article 8 based on PC comments • Review/revise Zone Districts, Use Regs & Dimensional Requirements	4 **Joint Work Session?** • Review organization and format of updated Code • Review key changes to Articles 5, 8 and 12	5 **Materials for PC Packet Due** • Draft #2 of Article 8	6	7
8	9	10 **Staff Check-In Meeting** • Review/revise Zone Districts, Use Regs & Dimensional Requirements	11 **PC Meeting** • Review Draft #2 of Article 8	12	13 **Deadline** • Draft #1 of Articles 2-4 made available to staff	14
15	16	17 **Staff Check-In Meeting** • Final revisions to Article 8 based on PC comments • Review/revise Draft #1 Articles 2-4	18	19	20 **Deadline** • Staff comments on Draft #1 of Articles 2-4	21
22	23	24	25 **CHRISTMAS DAY**	26	27	28
29	30	31 **NEW YEARS EVE**	1 NEW YEARS DAY	2	3	4

JANUARY 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
29	30	31	1 **Joint Work Session?** • Discuss potential zoning changes	2 **Materials for PC Packet Due** • Draft #1 of Articles 2-4	3	4
5	6 *Work on review and update to development, subdivision, and housing standards this week ---->*	7 **Staff Check-In Meeting** • Review/revise design/development and subdivision standards	8 **PC Meeting** • Review Draft #1 of Articles 2-4	9	10	11
12	13 *Continue work on review and update to standards this week ---->*	14 **Staff Check-In Meeting** • Review/revise design/development and subdivision standards	15 **Joint Work Session?** • Discuss potential zoning changes (if necessary)	16 **Materials for PC Packet Due** • To be determined	17	18
19	20 **MLK DAY** *Continue work on review and update to standards this week ---->*	21 **Staff Check-In Meeting** • Review/revise design/development and subdivision standards	22 **PC Meeting** • Review Draft #1 of Articles 2-4	23	24	25
26	27 *Continue work on review and update to standards this week ---->*	28 **Staff Check-In Meeting** • Revise Draft #1 of Articles 2-4 based on PC comments • Review/revise design/development and subdivision standards	29	30	31 **Deadline** • Draft #1 of Articles 6, 7 & 9 made available to staff	1

FEBRUARY 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	31	1
2	3	4 **Staff Check-In Meeting** • Revise Draft #1 of Articles 2-4 based on PC comments • Review/revise Draft #1 of Articles 6, 7 & 9	5 **Joint Work Session?** • Discuss potential changes to development, subdivision, and housing standards	6 **Materials for PC Packet Due** • Draft #2 of Articles 2-4	7	8
9	10	11 **Staff Check-In Meeting** • Review/revise Draft #1 of Articles 6, 7 & 9	12 **PC Meeting** • Review Draft #2 of Articles 2-4	13	14 **Deadline** • Staff comments on Draft #1 of Articles 6, 7 & 9	15
16	17 **PRESIDENTS DAY**	18 **Staff Check-In Meeting** • Review/revise Draft #1 of Articles 6, 7 & 9	19 **Joint Work Session?** • Discuss potential changes to development, subdivision, and housing standards (if necessary)	20 **Materials for PC Packet Due** • Draft #1 of Articles 6, 7 & 9	21	22

FEBRUARY 2025 (continued)

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
23	24	25 **Staff Check-In Meeting** • To be determined	26 **PC Meeting** • Review Draft #2 of Articles 2-4 (if necessary) • Review Draft #1 of Articles 6, 7 & 9	27	28	1

MARCH 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
23	24	25	26	27	28	1
2	3	4 **Staff Check-In Meeting** • Final revisions to Articles 2-4 based on PC comments • Revise Draft #1 of Articles 6, 7 & 9 based on PC comments	5	6 **Materials for PC Packet Due** • To be determined	7 **Deadline** • Draft #1 of Articles 1, 10, 11, 13 & 14 made available to staff	8
9	10	11 **Staff Check-In Meeting** • Revise Draft #1 of Articles 6, 7 & 9 based on PC comments • Review/revise Draft #1 of Articles 1, 10, 11, 13 & 14	12 **PC Meeting** • Review Draft #1 of Articles 6, 7 & 9 (if necessary)	13	14	15
16	17	18 **Staff Check-In Meeting** • Revise Draft #1 of Articles 6, 7 & 9 based on PC comments • Review/revise Draft #1 of Articles 1, 10, 11, 13 & 14	19	20 **Materials for PC Packet Due** • Draft #2 of Articles 6, 7 & 9	21	22
23	24	25 **Staff Check-In Meeting** • Review/revise Draft #1 of Articles 1, 10, 11, 13 & 14	26 **PC Meeting** • Review Draft #2 of Articles 6, 7 & 9	27	28 **Deadline** • Staff comments on Draft #1 of Articles 1, 10, 11, 13 & 14	29
30	31	1	2	3	4	5

APRIL 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	31	1 **Staff Check-In Meeting** • Final revisions to Articles 6, 7 & 9 based on PC comments • Review/revise Draft #1 of Articles 1, 10, 11, 13 & 14	2	3 **Materials for PC Packet Due** • Draft #1 of Articles 1, 10, 11, 13 & 14	4	5
6	7	8 **Staff Check-In Meeting** • To be determined	9 **PC Meeting** • Review Draft #1 of Articles 1, 10, 11, 13 & 14	10	11	12
13	14	15 **Staff Check-In Meeting** • Revise Draft #1 of Articles 1, 10, 11, 13 & 14 based on PC comments	16	17 **Materials for PC Packet Due** • To be determined	18	19
20	21	22 **Staff Check-In Meeting** • Revise Draft #1 of Articles 1, 10, 11, 13 & 14 based on PC comments	23 **PC Meeting** • Review Draft #1 of Articles 1, 10, 11, 13 & 14	24	25	26
27	28	29 **Staff Check-In Meeting** • Revise Draft #1 of Articles 1, 10, 11, 13 & 14 based on PC comments	30	1	2	3

MAY 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27	28	29	30	1 **Materials for PC Packet Due** • Draft #2 of Articles 1, 10, 11, 13 & 14	2	3
4	5	6 **Staff Check-In Meeting** • To be determined	7 **PC Meeting** • Review Draft #2 of Articles 1, 10, 11, 13 & 14	8	9	10
11	12	13 **Staff Check-In Meeting** • To be determined	14	15 **Materials for PC Packet Due** • To be determined	16	17
18	19	20 **Staff Check-In Meeting** • To be determined	21 **PC Meeting** • Review Draft #2 of Articles 1, 10, 11, 13 & 14 (if necessary)	22	23	24

MAY 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
25	26 **MEMORIAL DAY**	27 **Staff Check-In Meeting** • Final revisions to Articles 1, 10, 11, 13 & 14 based on PC comments	28	29	30	31

Minturn Land Use Code Update Budget

(updated: October 9, 2024)

	HOURS	RATE	SUBTOTAL
Land Use Code Update Prep. Work Includes: ▪ Cursory review of existing regulations and preparation of "Code Audit" with general recommendations for Code update. ▪ Research on, and preparation and presentation of educational materials regarding, different types of Land Use Codes (Traditional, Form-Based, and Hybrid). ▪ Preparation of an online survey to gather community input on important characteristics of Minturn's neighborhoods. ▪ Preparation for, and facilitation of, open houses to gather community input on important characteristics of Minturn's neighborhoods. ▪ Analysis, summation, and reporting of community input from online survey and open houses.	130.0	$135.00	$17,500.00
Module 1 Prepare a draft version and complete one (1) round of revisions to the following Articles: ▪ Article 5: Zoning Application Requirements & Procedures ▪ Article 8: Subdivision Application Requirements & Procedures ▪ Article 12: Environmental Impact Report Includes: ▪ Weekly check-in meetings with town staff. ▪ Virtual participation in up to seven (7) two-hour meetings with the Planning & Zoning Commission. ▪ In-person participation in one (1) two-hour joint work session with the Planning & Zoning Commission and Town Council.	200	$135.00/hr	$27,000.00
Module 2 Prepare a draft version and complete one (1) round of revisions to the following Articles: ▪ Article 2: Zone Districts ▪ Article 3: Use Regulations & Standards ▪ Article 4: Dimensional Requirements Includes: ▪ Weekly check-in meetings with town staff. ▪ Virtual participation in up to four (4) two-hour meetings with the Planning & Zoning Commission. ▪ In-person participation in up to two (2) two-hour joint work sessions with the Planning & Zoning Commission and Town Council. ▪ In-person participation in up to four (4) two-hour community open houses.	120.0	$135.00/hr	$16,200.00
Module 3 Prepare a draft version and complete one (1) round of revisions to the following Articles: ▪ Article 6: Development/Design Standards ▪ Article 7: Subdivision Standards ▪ Article 9: Community Housing Standards and Guidelines Includes: ▪ Weekly check-in meetings with town staff. ▪ Virtual participation in up to four (4) two-hour meetings with the Planning & Zoning Commission. ▪ In-person participation in up to two (2) two-hour joint work sessions with the Planning & Zoning Commission and Town Council.	80.0	$135.00/hr	$10,800.00

DRAFT

	HOURS	RATE	SUBTOTAL
Module 4 Prepare a draft version and complete one (1) round of revisions to the following Articles: ▪ Article 1: General Provisions ▪ Article 10: Annexation ▪ Article 11: Disconnection of Land ▪ Article 13: Areas and Activities of State Interest ▪ Article 14: Terms & Definitions Includes: ▪ Weekly check-in meetings with town staff. ▪ Virtual participation in up to four (4) two-hour meetings with the Planning & Zoning Commission. ▪ In-person participation in one (1) two-hour joint work session with the Planning & Zoning Commission and Town Council.	60.0	$135.00/hr	$8,100.00
Educational Materials Research and prepare educational materials on topics of interest related to the Land Use Code update. For example, educational materials on the pros/cons of different approaches to off-street parking regulations	40.0	$135.00/hr	$5,400.00
Update Minturn Zoning Map Create an updated Zoning Map in GIS and a large-scale (24”x36”) printable version of the updated Zoning Map.	40.0	$135.00/hr	$5,400.00
Adoption Hearings Includes: ▪ Virtual participation in up to ten (10) two-hour adoption hearings with the Planning & Zoning Commission and/or Town Council. ▪ Limited revisions to the final draft of the updated Land Use Code required by the Planning & Zoning Commission and/or Town Council.	40.0	$135.00/hr	$5,400.00
		TOTAL	$95,850.00

DRAFT

Overview of Billables to Date

(updated: October 9, 2024)

	HOURS (approximate)	% COMPLETE (approximate)	TOTAL BILLED (approximate)
Land Use Code Update Prep. Work Includes: ▪ Cursory review of existing regulations and preparation of "Code Audit" with general recommendations for Code update. ▪ Research on, and preparation and presentation of educational materials regarding, different types of Land Use Codes (Traditional, Form-Based, and Hybrid). ▪ Preparation of an online survey to gather community input on important characteristics of Minturn's neighborhoods. ▪ Preparation for, and facilitation of, open houses to gather community input on important characteristics of Minturn's neighborhoods. ▪ Analysis, summation, and reporting of community input from online survey and open houses.	127.5	100%	$17,206.28
Module 1 Work on updates to the following Articles: ▪ Article 5: Zoning Application Requirements & Procedures ▪ Article 8: Subdivision Application Requirements & Procedures ▪ Article 12: Environmental Impact Report	105.75	53%	$14,276.25
		TOTAL	$31,482.53

DRAFT

To: Town Council
From: Madison Harris
Date: October 11, 2024
Agenda Item: Ordinance 11 - Series 2024 (Second Reading) An Ordinance Amending the Town's Historic Register to Add 151 Main Street

REQUEST:
Review the nomination to add 151 Main Street to the Town's Historic Register via Ordinance 11 - Series 2024 on Second Reading.

INTRODUCTION:
Council initially took this Ordinance up at their June 5, 2024 regular meeting. They continued the first reading hearing to August 7, 2024, with a work session to take place on July 17, 2024 to discuss options to help give property owners certainty concerning historic preservation. It was again continued to September 3, 2024 and then to October 2, 2024 in order to give staff time to bring an ordinance addressing the options through HPC, Planning Commission, and Council.

ANALYSIS:
At the June 5, 2024 meeting Council discussed balancing historic preservation, economic feasibility, and the utilization of property, particularly in the Town's downtown, commercial generating area. In response to this a work session was scheduled at the July 17, 2024 meeting.

During the work session staff brought forth nine different ideas for Council to discuss and give direction on. Staff was directed to bring back an ordinance addressing Options 1-7:

1. Option 1: Eliminate the requirement for two sets of design review guidelines
2. Option 2: Eliminating potentially redundant approval requirements
3. Option 3: Allow for historically designated structures in the downtown corridor to have the immediate ability to functions as short term rentals on all floors
4. Option 4: Encourage historic preservation reinvestment as part of the Downtown Development Authority Operations Plan
5. Option 5: Require a minimum of two nominators for a structure to be nominated for historic designation
6. Option 6: Create a process whereby property owners can determine if their structure would be historically designated without necessarily "supporting" such a designation
7. Option 7: Allow residential in the Downtown Character Area on the back 50% ground floor of historically designated commercial buildings to create live/work opportunities

Several of these options, should they be implemented, should provide additional flexibility and stability to individual property owners within the 100 Block and throughout the rest of Town. That ordinance (Ordinance 20 - Series 2024) was reviewed on first reading Tuesday, September

3, 2024 and second reading was September 18, 2024. The ordinance passed with all directed options included.

At the October 2, 2024 Council meeting there was much public comment received on this application and Council ultimately decided 5-2 to pass the ordinance amending and adding 151 Main Street to the Historic Register on first reading.

COMMUNITY INPUT:
Ongoing.

BUDGET / STAFF IMPACT: TBD

STRATEGIC PLAN ALIGNMENT:
PRACTICE FAIR, TRANSPARENT AND COMMUNICATIVE LOCAL GOVERNMENT

ATTACHMENTS:

- Designation Memo
- Application
- Public Comment
- Ordinance 11 - Series 2024

To: Town Council
From: Madison Harris
Date: May 31, 2024
Agenda Item: Landmark Designation for 151 Main Street

REQUEST:
Review the landmark designation nomination of 151 Main Street based on the criteria outlined in the Minturn Municipal Code Sec. 19-3-20, citing findings of fact, and making a decision of approval, approval with conditions, or denial.

Application: #2024L – 001
Address: 151 Main Street
Zoning: Old Town Character Area – 100 Block A
Owner: A & M LLC (locally Marco Tonazzi)
Applicant(s): Town of Minturn

CASE SUMMARY:
Staff has submitted a nomination for Historic Landmark status of 151 Main Street. The application has been reviewed, deemed complete, and to meet the Minturn landmark designation criteria. As such, staff scheduled a public hearing for the Town Council meeting on June 5, 2024. Adjacent properties and the owner of 151 Main Street were notified via certified mail, and a notice placed in the Vail Daily a minimum of 10 days before the public hearing.

DESIGNATION CRITERIA & EVALUATION; CHAPTER 19 MINTURN MUNICIPAL CODE:
To meet landmark designation criteria, in accordance with Chapter 19, Minturn Municipal Code, the application(s) must be complete, and the structure must meet the following criteria:

MMC Sec. 19-3-20. Eligibility Criteria.

a. Properties or historic districts shall be at least seventy-five (75) years old and meet one (1) or more of the following criteria in order to be considered for designation:
    1) Association with events that have made a significant contribution to history
    2) Connection with persons significant in history
    3) Distinctive characteristics of a type, period, method of construction, or artisan
    4) Geographic importance
    5) Possibility to yield important information related to prehistory or history

CRITERIA EVALUATION
Town staff found that the application for designation demonstrates that the structure meets the following criteria.

A. Connection with persons significant in history
The Nelson's were an institution for Minturn with Mr. Ben Nelson running the Nelson Dairy and Mr. Peter Nelson running the Nelson ranch starting in 1888. According to *Minturn, A*

Memoir Pete Nelson "homesteaded the ranch at the foot of Meadow Mountain where the Forest Service complex was built in the late 1980s." "The Nelsons owned all the land that was later know as Maloit Park, which they later sold to the New Jersey Zinc Co., but in the '30s they used all this land and all of the Cross Creek area for pasture and winter feeding." The Nelsons trucked lettuce to Denver weekly for several years, contributing to the unofficial title of lettuce capital of the country for Minturn.

B. Distinctive characteristics of a type, period, method of construction or artisan (exemplifies specific elements of an architectural style or period; represents a style that is particular to the Town; and, represents a built environment of a group of people in an era of history)

151 Main Street reflects the Late Victorian style of architecture, specifically Folk Victorian and Minimal Traditional that was constructed in North America in the early to mid-20th century. (Craven) Traditional Minimal became extremely popular just before and post WWII. The preference of this architecture was to make relatively simple houses out of materials that were readily available and "[as] the railroads expanded, factory-made building parts could be sent to far corners of the continents" (Craven).



Photo Credit: Nomination Application

This familiar style can be seen in many places.

C. Geographic Importance (enhances the sense of identity of the Town or community; is an established and familiar natural setting or visual feature of the Town or community)

"This is an iconic structure with it's twin sitting next door (fitting as these were houses for brothers). They are one of the first buildings one sees as they drive into the heart of Minturn. They represent a time when Minturn used to be ranches and farmland as the people who built these houses ran cattle, sheep, a dairy farm, ("Minturn, A Memoir", Burnett) and lettuce fields that contributed to Minturn being called the lettuce capital of the United States for a brief time. They have since been co-opted into commercial stores rather than residences and continue to contribute to the character of the Town. There was public outcry at the potential of this building being torn down, with a packed council room filled with community members." (Nomination Application)

This structure represents a transitional period of Minturn's history where Minturn recently incorporated as one of the oldest towns in Eagle County. 151 Main Street is a lot that is in the middle of the Town's commercial core. This building is a familiar sight to any locals and visitors who have lived in or frequented Minturn.

PUBLIC REVIEW PROCESS:
Town staff has met all posting and notification requirements delineated in Chapter 19, Sec 19-4-10 identifying legal notice procedures follow established guidelines as set forth in MMC. Sec. 16-21-610.

PUBLIC COMMENTS:
As of May 31, 2024, no public comments have been received regarding this application.

RECOMMENDED ACTION OR PROPOSED MOTION:
Approve Ordinance 11 – Series 2024 An Ordinance Amending the Town's Historic Register to Add 151 Main Street on First Reading

ATTACHMENTS:
- Historic Landmark Nomination Application for 151 Main Street
- Ordinance 11 – Series 2024 Amending the Town's Historic Register to Add 151 Main Street

REFERENCES:

Burnett, Bill. *Minturn, A Memoir*. Old Gypsum Printer/Wings Publishing, 2007.

Craven, Jackie. "House Styles from America's Founding to Present." *ThoughtCo*, 25 Sept. 2019, www.thoughtco.com/house-style-guide-american-home-4065233.

Dobroth, Kirsten. "A Quick Guide to Meadow Mountain." *Vail*, Vail-Beaver Creek Magazine, 22 Feb. 2024, www.vailmag.com/best-of-vail/a-quick-guide-to-meadow-mountain.

Gagnon, Brooke. "Keller Williams Mountain Properties." *Minturn*, www.searchvailhomes.com/community/id/1910681/area/Minturn/. Accessed 12 Apr. 2024.

History Colorado. "Field Guide Colorado's Historic Architecture ..." *History Colorado*, Colorado Historical Society, July 2008, www.historycolorado.org/sites/default/files/media/document/2017/1625Field.pdf.

Minturn, Town of. "Minturn Trails." *Minturn CO*, www.minturn.org/explore-minturn/pages/minturn-trails. Accessed 12 Apr. 2024.

Minturn, Town of. "Timelines." *Minturn CO*, www.minturn.org/historic-preservation/pages/timelines. Accessed 12 Apr. 2024.

HISTORIC LANDMARK NOMINATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
P.O. Box 309/302 Pine Street Minturn, Colorado 81645-0309
970-827-5645 | planner1@minturn.org

Section 1 - Purpose:

The purpose of Historic Preservation is to enhance the Town of Minturn's local resources and to promote the public health, safety, and welfare through:

1. The protection and preservation of the Town's architecture, culture, and heritage as embodied in historic properties and historic districts, by appropriate regulations and incentives;
2. The stabilization of historic neighborhoods;
3. The establishment of the Town's Historic Register listing historic properties and historic districts;
4. The cultivation of civic pride in the art, architecture, and accomplishments of the past;
5. The encouragement of continued private ownership and utilization of such historic properties or historic districts now so owned and used;
6. The promotion of thoughtful community planning and design; and
7. The provision of educational opportunities to increase public appreciation of the Town's unique heritage.

Section 2 - Intent:

The intention of Historic Preservation is to create a reasonable balance between private property rights and the public interest in preserving the Town's unique historic character through the nomination of buildings, structures, sites, objects, and historic districts for preservation.

Narrative Description:

Please describe the current appearance of the property and any alterations that have occurred since its original construction.

The current appearance is a small Victorian structure in a mix of the Folk Victorian and Minimal Traditional styles. It has blue siding, a green metal roof, and white trim. It has a small front porch and a large window on the street. It has a pitched roof in an L-shaped fashion. The color has changed over the years, but to my knowledge not much materially has changed.

Photographs:

Please attach current photographs of the property and, if available, copies of historic photographs. For building, structures, or objects, current photographs should show the property from all directions.

If you are not the owner of the property that is being nominated, have you discussed this application with the owner(s)? This is encouraged, but not required. Yes ☑ No

Signature:



HISTORIC LANDMARK NOMINATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
P.O. Box 309/302 Pine Street Minturn, Colorado 81645-0309
970-827-5645 | planner1@minturn.org

Section 3 - Basic Property Information:

Historic Name of Property (if applicable) and any other names:

151 Main Street - Nelson House

Address of Property

Street Address: 151 Main Street

Legal Description of Property: Subdivision: MACKEDON & RATHBURNS Block: B Lot: 6 AND:- Lot: 7 AND:- Lot: 9 N1/2 PART OF

Maps:

1. Include a location map on 8.5x11 inch page showing the property in relation to major streets
2. Include a site plan on 8.5x11 inch page showing the footprint of the building if applicable

Property Owner Information:

Name: A&M LLC (Marco Tonazzi)

Mailing Address: PO Box 4115, Vail, CO 81658-4115

Email: marco@mtimportsinc.com | Phone: 970-827-9091

Applicant Information (if different):

Name: Town of Minturn

Mailing Address: PO Box 309, Minturn, CO 81645-0309

Email: planner1@minturn.org | Phone: 970-445-2429

Is property listed on the National Register of Historic Places or the State Register of Historic Properties?

Yes ☑ No

If yes, please provide date and registration number. Date: _____ Registration #: _____

For Official Use:

Date Received: 04/01/24 Planner: Madison Harris

Historic Preservation Commission - ☐ Approval ☐ Denial

Comments:

HISTORIC LANDMARK NOMINATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
P.O. Box 309/302 Pine Street Minturn, Colorado 81645-0309
970-827-5645 | planner1@minturn.org

Section 4 - Eligibility Criteria:

Indicate how the property is significant to the Town of Minturn and its past by checking one or more of the following: Properties (*buildings, structures, sites, or objects*)or historic districts shall be at least 75 years old and meet 1 or more of the following criteria in order to be considered for designation:

- ☐ Association with events that have made a significant contribution to history;
  - ☐ Is a site of a historic event that had an effect upon society; or
  - ☐ Exemplifies cultural, political, economic, or ethnic heritage of the Town.
- ☑ Connection with persons significant in history.
- ☑ Distinctive characteristics of a type, period, method of construction, or artisan:
  - ☑ Exemplifies specific elements of an architectural style or period;
  - ☐ Is an example of the work of an architect or builder who is recognized for expertise nationally, state-wide, regionally, or locally;
  - ☐ Demonstrates superior craftsmanship or high artistic value;
  - ☑ Represents a style that is particular to the Town;
  - ☐ Represents an innovation in construction, materials, or design; or
  - ☑ Represents a built environment of a group of people in an era of history.
- ☑ Geographic importance:
  - ☑ Enhances the sense of identity of the Town or community; or
  - ☐ Is an established and familiar natural setting or visual feature of the Town or community.
- ☐ Possibility to yield important information related to prehistory or history:
  - ☐ Addresses research questions or fills recognized data gaps;
  - ☐ Embodies construction, development, or design adaptations; or
  - ☐ Informs on the development of engineering systems.

A property or historic district may be exempted from the age standard if the Town Council finds it to be exceptionally important in other criteria. *- Sec. 19-3-20 MMC*

For any eligibility criteria selected above, please provide sources and documentation below with the research and documentation for why this application should be designated historic. If this space is not enough please feel free to attach additional sheets.

According to the 1902 and 1904 assessment rolls, Peter and Ben Nelson are listed as owning sizable amounts of land in and around Minturn. Of these, a portion of the Mackedon addition was a part of the ownership tracts. (See attached pictures provided by the Eagle Valley Library District of the assessment rolls.)

According to multiple sources (minturn.org, "Minturn, A Memoir" by Bill Burnett, and vailmag.com) the Nelson's contributed heavily via land and produce to the reason why Minturn was briefly known as the lettuce capital of the United States.

The structure itself exemplifies a transitional period between late Folk Victorian and early Minimal Traditional which would eventually rise to prominence all over the country early and post WWII (thoughtco.com and History Colorado).

HISTORIC LANDMARK NOMINATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
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970-827-5645 | planner1@minturn.org

Section 5 - Category and Resources:

Category of Nomination (check one):

- [x] Building (any shelter or enclosure having a roof supported by columns or walls and intended for the shelter, housing or enclosure of any individual, animal, process, equipment, goods or materials of any kind.)
- [ ] Site (the location of a significant event; a prehistoric or historic occupation or activity; or a building, structure, or object, whether standing or vanished, where the location itself maintains historic or archeological value regardless of the value of any existing building, structure, or object.)
- [ ] Object (a material item of functional, aesthetic, cultural, historical, or scientific value that may be, by nature or design, movable yet related to a specific setting or environment.)
- [ ] District (a geographically definable area including a concentration, linkage, or continuity of properties within a specified period of significance and may include within its geographic boundaries one (1) or more contributing properties, which has been designated by the Town Council)
- [ ] Structure (anything constructed or erected, the use of which requires location on or in the ground, for purposes other than shelter of humans, animals, or chattels.)

Narrative Statement of Significance:

Please describe how this property contributes to the history of Minturn. Why should the property be landmarked? For any category selected above, please provide sources and documentation below with the research and documentation for why this application should be designated historic. If this space is not enough please feel free to attach additional sheets.

This is an iconic structure with it's twin sitting next door (fitting as these were houses for brothers). They are one of the first buildings one sees as they drive into the heart of Minturn. They represent a time when Minturn used to be ranches and farmland as the people who built these houses ran cattle, sheep, a dairy farm, ("Minturn, A Memoir", Burnett) and lettuce fields that contributed to Minturn being called the lettuce capital of the United States for a brief time. They have since been co-opted into commercial stores rather than residences and continue to contribute to the character of the Town. There was public outcry at the potential of this building being torn down, with a packed council room filled with community members.
Built in 1917, this structure represents a transitional period for all, but especially for Minturn. The building is a mix of Folk Victorian (1870-1910) and Minimal Traditional (1935-1950) with its simple form, low pitched roof, and front porch. ("House Style Guide to the American Home", Craven) This structure was build only 13 years after the Town officially incorporated in 1904 as one of the oldest towns in Eagle County (minturn.org).

HISTORIC LANDMARK NOMINATION

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P.O. Box 309/302 Pine Street Minturn, Colorado 81645-0309
970-827-5645 | planner1@minturn.org

Section 6 - Description:

Architectural Description:

If property is a building, please describe the predominate architectural style such as Victorian or Mid-Century Modern.

This is a Late Victorian structure built in a mix of Folk Victoria and Minimal Traditional.

List of References:

Please cite the books, articles, personal contacts, and other sources used in preparing this application.

Minturn, A Memoir by Bill Burnett

Field Guide to Colorado's Historic Architecture & Engineering by Office of Archaeology and Historic Preservation Colorado Historical Society (https://www.historycolorado.org/sites/default/files/media/document/2017/1625Field.pdf)

House Style Guide to the American Home by Jackie Craven (https://www.thoughtco.com/house-style-guide-american-home-4065233)

A Quick Guide to Meadow Mountain by Kirsten Dobroth (https://www.vailmag.com/best-of-vail/a-quick-guide-to-meadow-mountain)

Town of Minturn Timelines (https://www.minturn.org/historic-preservation/pages/timelines)

Keller Williams Mountain Properties (https://www.searchvailhomes.com/community/id/1910681/area/Minturn/)

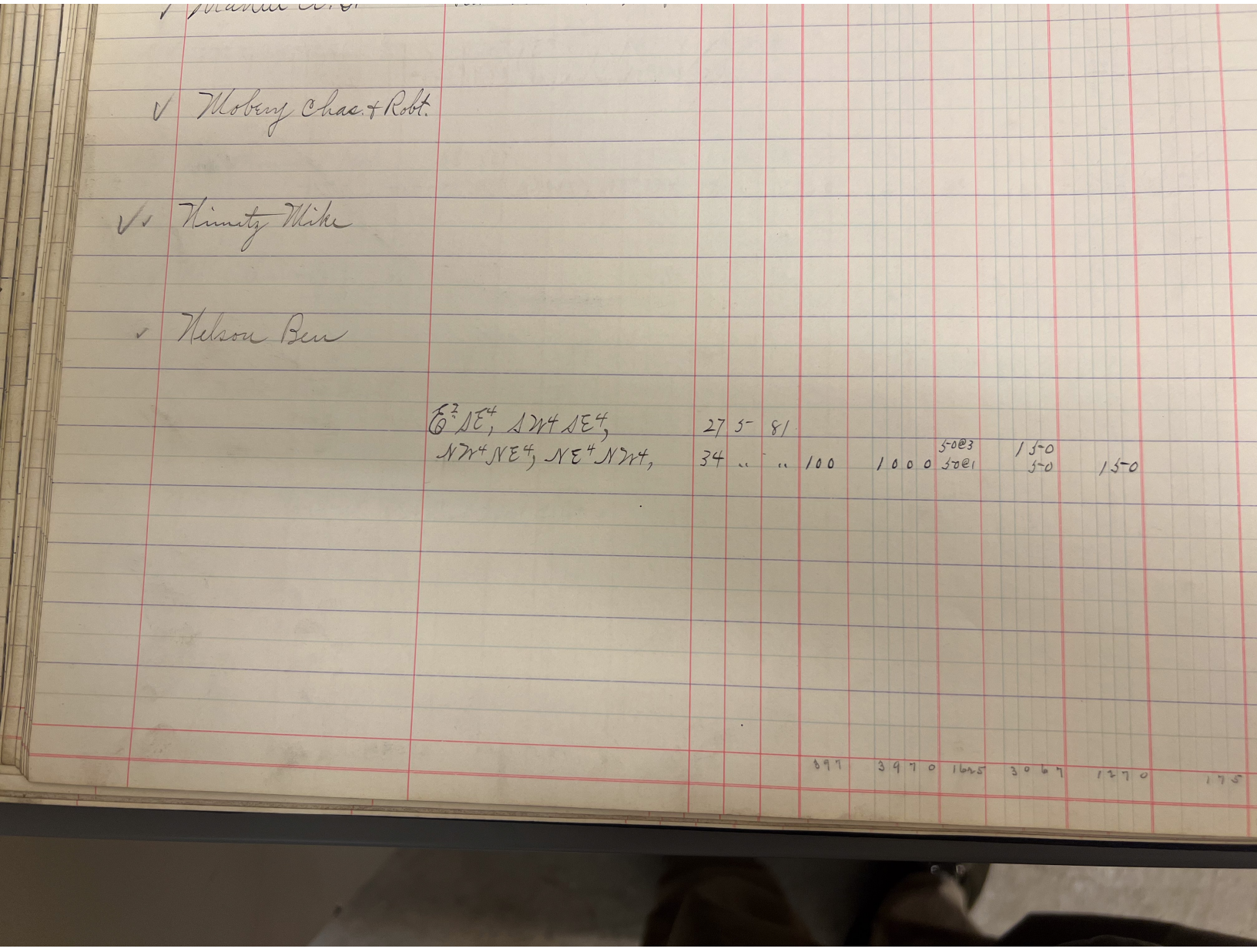
Minturn Trails by Town of Minturn (https://www.minturn.org/explore-minturn/pages/minturn-trails)

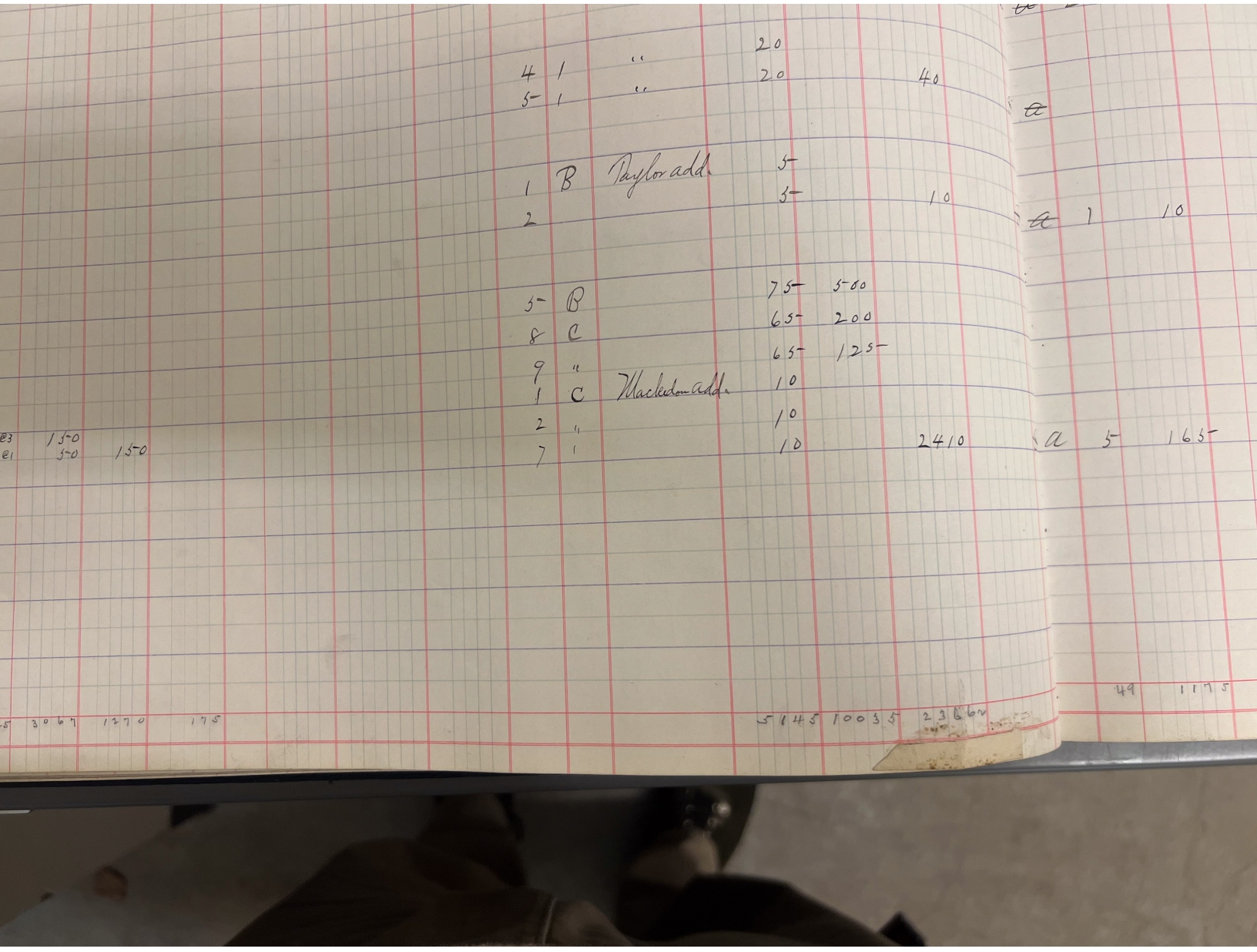
Zachary Catt, Local History/Genealogy Librarian with the Eagle Valley Library District

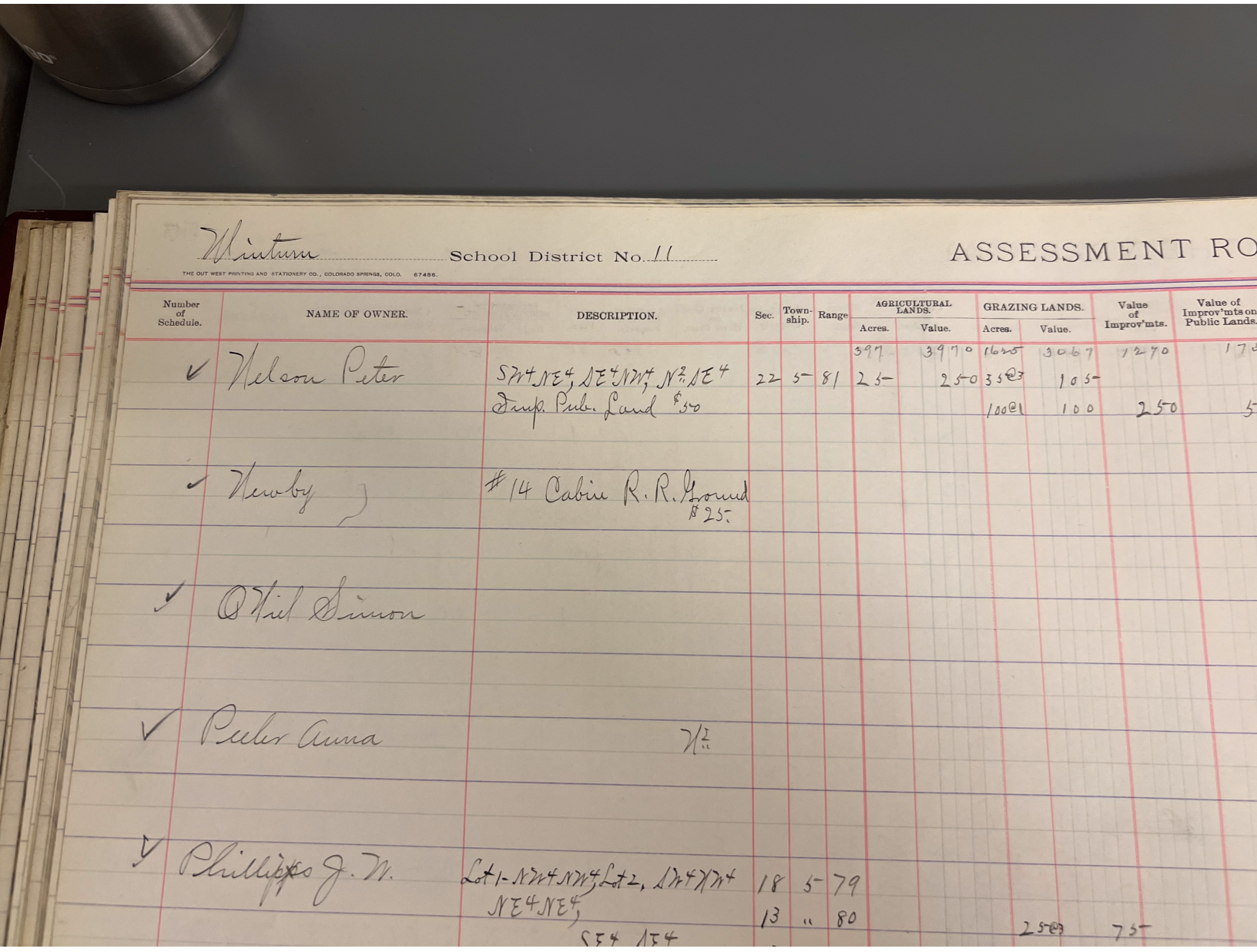
1902 and 1904 Assessment Rolls


132
121
142
109
141
152
151
156
155
117
115
107
162
116
161


MINTURN
151


✓ Mobery Chas. & Robt.
✓ Nimity Mike
✓ Nelson Ben
E½ SE¼, SW¼ SE¼, 27 5- 81
NW¼ NE¼, NE¼ NW¼, 34 " " 100 1000 5-0@3 5-0@1 15-0 5-0 15-0
897 3470 1625 3067 1270 175


4 1 " 20
5- 1 " 20 40
1 B Taylor add. 5-
2 5- 10
5- B 75- 5-80
8 C 65- 200
9 " 65- 125-
1 C Macleod add. 10
2 " 10
7 1 10 2410
1 5-0
3 5-0 1 5-0
30 67 1270 175
51145 10035 23660
49 1175
a 5- 165-



Winsum School District No. 11

ASSESSMENT RO

THE OUT WEST PRINTING AND STATIONERY CO., COLORADO SPRINGS, COLO. 67486.

Number of Schedule.	NAME OF OWNER.	DESCRIPTION.	Sec.	Township.	Range	AGRICULTURAL LANDS. Acres.	AGRICULTURAL LANDS. Value.	GRAZING LANDS. Acres.	GRAZING LANDS. Value.	Value of Improv'mts.	Value of Improv'mts on Public Lands.
						397	3970	1635	3067	1270	175
✓	Nelson Peter	S½ NE¼, SE¼ NW¼, N½ NE¼ Irrig. Publ. Land $50	22	5	81	25	250	35 @3	105		
								100 @1	100	250	50
✓	Newby	#14 Cabin R. R. Ground $25									
✓	O'Neil Simon										
✓	Peter Anna	W½ "									
✓	Phillips J. W.	Lot 1 - N½ NW¼ NW¼, Lot 2, SW¼ NW¼ NE¼ NE¼,	18	5	79						
		SE¼ NE¼	13	"	80				25 @3	75	

Michelle Metteer

From: Mire, Amanda <Amanda.Mire@truist.com>
Sent: Wednesday, August 7, 2024 3:37 PM
To: Michelle Metteer
Subject: 155 & 151 Main St.

To Whom it Concerns,
Please accept this email as support to designate 155 & 151 Main St for historical preservation.
Kindly,
Amanda and James Matthew Mire
414 Eagle St.
Minturn CO 81645

Amanda Mire
Enterprise Technology BURM Organization
CISA, CISSP, EDM
amanda.mire@truist.com
303.818.5908

TRUIST

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Madison Harris

From: Madison Harris
Sent: Wednesday, August 7, 2024 9:19 AM
To: Madison Harris
Subject: RE: Historical Preservation

From: andrew lane <andrewllane@yahoo.com>
Sent: Tuesday, August 6, 2024 7:50 AM
To: Michelle Metteer <manager@minturn.org>
Subject: Historical Preservation

Town Council and Residents of Minturn

I'm a new fulltime resident in Minturn, and was drawn to its small-town charm, location between Avon, Beaver Creek, and Vail. The unique architecture that lines Mainstreet feels so much more authentic and organic than much of the architecture that currently exists in the Valley. I believe Minturn's colorful history is reflected through its buildings.

It's a truly special town.

Its important that Minturn protect certain special buildings that visually depict the story of its past, enhancing the special character of why so many people are drawn to Minturn as a destination in itself and not just a place to rest their head and get a meal on the way to the ski resorts.

I would appreciate it if you could share my viewpoint during the Town Council meeting and recorded in the minutes.

Sincerely,

Andrew L

Madison Harris

From: Madison Harris
Sent: Thursday, July 18, 2024 9:41 AM
To: Madison Harris
Subject: RE: Minturn Main Street

From: Barbara Nelson <barbarasn@gmail.com>
Sent: Tuesday, July 16, 2024 1:57 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Minturn Main Street

Hello Michelle and the Minturn Council ~

I have been a visitor to Minturn for over 35 years, and a resident of the town for 5 years, and I hope to be able to stay in Minturn, but housing is sparse. I love the town, the character, the people, the businesses, and the location.

Regarding the discussion of 151 Main St and 155 Main Street this evening, I am concerned that too much regulation is missing opportunities.
When properties sit empty for months, they are not contributing to the economy of Minturn and other businesses.

The character and history of Minturn is unique in the Valley, and valuable. Yet it seems possible to maintain character, while also allowing more flexibility to develop structures that will provide more housing as well as new spaces for exciting new commerce.

In my opinion, not designating 151 Main and 155 Main st as historical, is a win for the town of Minturn, a win for new homeowners, and a win for new business on Main street.

Thank you for your time and consideration ~

Barbara Nelson
109 Williams St
303-881-0630

From: Chelsea Winters
To: Michelle Metteer
Subject: Commercial downtown historic preservation
Date: Friday, July 12, 2024 12:13:24 PM

Hi Michele!
I hope you are having a great summer! I just walked by Thai kitchen and I saw the flyer noting that the old uptown store and Gemini Garden are up for historic preservation. I just wanted to voice my opinion that I do believe that the commercial downtown needs to maintain the historic Minturn charm. I assume some improvements need to be made to those buildings, but keeping the character is extremely important in that downtown corridor.

I understand many of the homes that have been up for historic preservation really are tear downs and beyond our control to enforce the preservation. However, it is important that downtown stays charming and maintains a small town historic feel, rather than cookie cutter. I appreciate you passing on my opinion. Thanks Michelle!

With gratitude,

CHELSEA WINTERS

RETREAT WITH ME!

Lago Atitlan, Guatemala Nov 2024
Punta Mita, Mexico Spring 2025
Baja, Mexico Fall 2025

anahatayogacolorado@gmail.com

www.AnahataYogaCo.com

Sent from my iPhone

Madison Harris

From: Madison Harris
Sent: Wednesday, August 7, 2024 1:38 PM
To: Madison Harris
Subject: RE: Historical Preservation Support

From: Info @ Tessa Clogs <info@tessaclogs.com>
Sent: Wednesday, August 7, 2024 12:20 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Historical Preservation Support

Hi Michelle,
We are in support of the Historical Preservation of 155 and 151 Main street.
Keeping Minturns historical charm is so important and we would hate seeing it turn in to a small version of Vail and Beaver Creek.
Sincerely

Chris & Tessa Manning
293 Boulder Street
970-476-8083
info@tessaclogs.com
www.tessaclogs.com

Madison Harris

From: Madison Harris
Sent: Tuesday, July 23, 2024 8:07 AM
To: Madison Harris
Subject: RE: Historical preservation

-----Original Message-----
From: Cynthia Burr <cburr1951@gmail.com>
Sent: Monday, July 22, 2024 4:13 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Historical preservation

I strongly support the historical preservation of 155 Main St and 151 Main St, Minturn Thanks for your consideration.
Cynthia Burr
201 Main St.
Apt #5
Sent from my iPad

Madison Harris

From: Madison Harris
Sent: Wednesday, August 7, 2024 9:17 AM
To: Madison Harris
Subject: RE: Historical Preservation of 151 &155

-----Original Message-----
From: Michelle DeAvilla <mgdeavilla@icloud.com>
Sent: Monday, August 5, 2024 3:04 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Historical Preservation of 151 &155

Our family comes out to Colorado every year on vacation and we always make a point to drop by Minturn because we love the towns warm charming atmosphere mixed with all its authentic history.

We whole heartily support the historical preservation of buildings 151 & 155 Main Street !!!

Sincerely,
The DeAvilla Family
Sent from my iPhone

Madison Harris

From: Madison Harris
Sent: Tuesday, July 16, 2024 9:54 AM
To: Madison Harris
Subject: RE: Minturn - Economic Viability for Downtown Minturn

---

From: Denise Cheng <agentdenisecheng@gmail.com>
Sent: Monday, July 15, 2024 8:29 PM
To: Michelle Metteer <manager@minturn.org>
Cc: larry@thescarab.com; jeffdenise8150@gmail.com
Subject: Fwd: Minturn - Economic Viability for Downtown Minturn

To the Minturn Town Council,

I understand the dilemma facing our town regarding the historic preservation of buildings versus our economic viability. While preserving our town's charm is important, it's equally crucial to ensure Minturn thrives economically.

I appreciate the sentiment behind preserving historic buildings like Helen's House on 152 Main Street. However, as I observe several empty buildings downtown, I share concerns about our town's economic health. The lack of sufficient revenue from sales taxes and worries about water rates highlight pressing financial challenges.

As we approach the council's decision on the designation of 151 Main Street and 155 Main Street as historic, I urge you to please let the council know what you think. Designating these buildings as historic could introduce regulatory hurdles and economic obstacles, potentially leaving more buildings vacant in the 100 block of Minturn. And would cost too much for any investor to find economic viability for them.

Instead, I propose supporting new mixed-use developments that combine commercial spaces on the ground floor with residential units above. These modern structures can address our low housing inventory while fostering a more economically vibrant downtown. Such developments would not only be environmentally sound but also attract businesses and residents alike, revitalizing our community.

Therefore, I respectfully request that the council vote against preserving 151 Main Street and 155 Main Street. Let's prioritize opportunities for commercial growth and creative development that can propel Minturn's economy forward. Please vote yes to support innovative housing solutions and more business opportunities downtown.

Thank you for considering the future of Minturn with a balanced vision that respects our history while embracing our economic potential.

Sincerely,

Denise and Jeff Johnson

130 E. LIONS LANE

How to let your voice be heard: Use 1 or more options below

1. Attend and speak up at the council meeting on Wednesday, July 17th

2. Email the town manager, Michelle Metteer | manager@minturn.org

3. Call the town offices and leave a message | 970-827-5645

Be sure to ask that your message of support be read aloud at the council meeting.

Madison Harris

From: Madison Harris
Sent: Wednesday, August 7, 2024 9:20 AM
To: Madison Harris
Subject: RE: Support for Historical Preservation

From: emily lepore <emilylepore08@gmail.com>
Sent: Tuesday, August 6, 2024 5:21 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Support for Historical Preservation

Good evening,

I live in town on Main Street. My partner, Samuel and I are both born and raised in Colorado and have called Eagle County home for three years.

We both work full-time jobs in Eagle County and care deeply about the local community and its preservation.

155 Main Street and 151 Main Street Minturn should **absolutely** be preserved as historical buildings/sites.

It is no question that growth is inevitable. However, there are plenty of other places to do this outside of the historical 100 block in Main Street. This should remain untouched aside from maintenance that keeps it standing.

Thank you,

Emily Lepore

Madison Harris

From: Madison Harris
Sent: Tuesday, July 16, 2024 1:42 PM
To: Madison Harris
Subject: RE: Minturn Town Hall

From: Eric Ramsey <ramseyeric14@gmail.com>
Sent: Tuesday, July 16, 2024 12:17 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Minturn Town Hall

Good Afternoon,

As a resident of 156 Main Street, I respectfully request that the council vote against preserving 151 Main Street and 155 Main Street. Let's prioritize opportunities for commercial growth and creative development that can propel Minturn's economy forward. Please vote yes to support innovative housing solutions and more business opportunities downtown.

Thank you for considering the future of Minturn with a balanced vision that respects our history while embracing our economic potential.

Thanks,

Eric

Jan Aiello

591 Main St.

To the Minturn Town Council,

As a 45-year resident of Minturn, I would like to express my reasons for adding 151/155 Main Street to the Historical Preservation process. What drew us to Minturn was the charm and hometown feel of the quaint community. I frequently ask visitors to our town what drew them to visit Minturn. Many state it is the charm of Minturn that is lacking in the other communities around Eagle County.

My father had many friends who were with the 10th Mtn and when we bought in Minturn many of them were so excited. They shared with me that their wives lived in Leadville, but when they got a night off, they would head to Minturn to dance the night away. They loved Minturn and shared many memories with me.

As Minturn and the Valley grow, I feel it is important to retain the history of this wonderful place. Look at the Saloon; they rejuvenated without tearing down and building a modern monstrosity. They got the designation and kept the original structure while modernizing the interior. The same could be done at 151/155 Main, and they could still be commercial, bringing in tax dollars.

Once history is removed, it cannot be pulled back. This is an upfront, gotta fight for, endeavor. We should not neglect our identity for the few developers, investors, and business owners who would glean the profits. To keep the whole town business community healthy, we need to draw visitors to Minturn. Those folks do not want another Vail, Avon, or Edwards.

Thank you for your time,

Jan Aiello

Madison Harris

From: Madison Harris
Sent: Monday, July 15, 2024 1:56 PM
To: Madison Harris
Subject: RE: Historic Presevation

-----Original Message-----
From: Jane Rohr <jane@thescarab.com>
Sent: Monday, July 15, 2024 11:34 AM
To: Michelle Metteer <manager@minturn.org>
Subject: Historic Presevation

Michelle,
İt is my understanding that the council will address the 2 properties being considered for review by the HPC.
İ have been following the developments and am grateful for the handful of individuals in our community who have put energy and time into this organization. İ am and always have been a supporter of Minturn remaining in its integrity and having a process in place for those applying to make changes to their buildings, apply for business license or want to add a new business to our town. What worries me about the specific "historic preservation" process is the broad nature of it, leaving us as a community limited by predetermined guidelines and regulations. İ would like to create our own case specific guidelines rather than the ones that are regulated by such an organization. The intent behind this movement came from some of our historic building being torn down by new owners and being disposed of without a conscious effort to preserve integrity and our towns' history.
İm not sure if this is the appropriate time to put this in my letter, but, i am remembering discussions we have had during our MCF meetings to designate the downtown as an arts district. This would have created an opportunity for us to write our own by- laws regarding tear down/ restoration etc.
The cost of real estate and the obligation of new buyers to have hurdles such as the ones lined out by the HPS, will create a lapse in the economy and the managed growth of our downtown. As a business and homeowner in the downtown, my partner and i have endured and survived over 30 years of challenges of small town economics and honestly, at times,received very little support to create a healthy economical flow to our small community. This has changed drastically in the last few years and we are grateful more people are stepping up to help with our future culture. The businesses who are in town im sure can agree that more businesses create more business, the theory of economics that has proven successful in many towns throughout the world… that being said, i know it is imperative at the moment for us to create our own "culture" as the seeds of growth have already been planted by the incoming developers who are busy building. We do not want anything to slip through cracks and micro- focus and waste valuable time.
İ am not in favor of historic designation as i understand it. İ am open to hearing if im missing something in my interpretation and will be available to discuss.
İ think there are ways we can manage and create what we want without these so discussed laws.
İ thank you for your time.
For the love of minurn,
Jane Rohr

Sent from my iPhone

Madison Harris

From: Madison Harris
Sent: Wednesday, July 17, 2024 3:14 PM
To: Madison Harris
Subject: RE: Historical Preservation

From: Jean Flaherty <jlf56@comcast.net>
Sent: Wednesday, July 17, 2024 1:59 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Historical Preservation

We would like to voice our support of historical designation of 151 & 155 Main St.
We have very few historical buildings throughout Minturn and would like to see these remain.
I remember having Christmas dinner at Bertha & Smokey's at 155 Main. Jean & Hawkeye

Jean Flaherty
jlf56@comcast.net

Madison Harris

From: Madison Harris
Sent: Wednesday, August 7, 2024 9:19 AM
To: Madison Harris
Subject: RE: 155 & 151 Main St Support

From: J. Cotter Studio <studio@jcottergallery.com>
Sent: Tuesday, August 6, 2024 2:39 PM
To: Michelle Metteer <manager@minturn.org>
Subject: 155 & 151 Main St Support

I am writing to voice my support for the historic preservation of 155 and 151 Main Street. We should preserve the history and authenticity of Minturn by preserving our town as best we can.

As I cannot attend the town meeting, please read my email and allow my voice to be heard.

Best,
Jim Cotter

J. Cotter Studio
663 Boulder St, Minturn, CO 81645
(970) 827-4222

To the Minturn Town Council,

I understand the dilemma facing our town regarding the historic preservation of buildings versus our economic viability. While preserving our town's charm is important, it's equally crucial to ensure Minturn thrives economically.

I appreciate the sentiment behind preserving historic buildings like Helen's House on 152 Main Street. However, as I observe several empty buildings downtown, I share concerns about our town's economic health. The lack of sufficient revenue from sales taxes and worries about water rates highlight pressing financial challenges.

As we approach Minturn's decision, this Wednesday evening 7/17/24, on the designation of 151 Main Street and 155 Main Street as historic, I urge you to please consider the consequences of historic designation. Designating these buildings as historic could introduce regulatory hurdles and economic obstacles, potentially leaving more buildings vacant in the 100 block of Minturn. In short, historic designation would create burdensome costs detouring investors from finding a worthwhile opportunity to invest in Minturn.

Instead, I propose supporting new mixed-use developments that combine commercial spaces on the ground floor with residential units above. These modern structures can address our low housing inventory while fostering a more economically vibrant downtown. Such developments would not only be environmentally sound but also attract businesses and residents alike, revitalizing our community.

Therefore, **I respectfully request that the council vote against preserving 151 Main Street and 155 Main Street.** Let's prioritize opportunities for commercial growth and creative development that can propel Minturn's economy forward. Please vote yes to support innovative housing solutions and more business opportunities downtown.

Thank you for considering the future of Minturn with a balanced vision that respects our history while embracing our economic potential.

Sincerely,

John C Hoich

owner Molly G. Building
John C. Hoich
Charles E Lakin Foundation Inc.
Vice President
402-677-4848
JHoich@Lakinfdn.org

Madison Harris

From: Minturn CO <noreply@civicplus.com>
Sent: Tuesday, August 6, 2024 4:44 PM
To: Madison Harris
Subject: 151 & 155 Main Street

Name: Justine & Nathan LaCross
Email: justinefurseth@yahoo.com

Message: Hello, Hoping it is not too late to be included in the 8/7 meeting information. We are writing today to voice support for the preservation of the homes at 151 & 155 Main street. These historical homes represent the quaint Town of Minturn and what makes it special from the rest of the valley. We have lived in Minturn for over 25 years. 5 of those years we lived across the street from the homes. We enjoyed waking up to the homes and sorry that we previously lost 1 of the homes on Main Street before this preservation society was formed. Thank you, Justine & Nathan 

Madison Harris

From: Madison Harris
Sent: Wednesday, August 7, 2024 9:17 AM
To: Madison Harris
Subject: FW: Please read at minutes on August 7th
Attachments: IMG_20230531_080041.jpg; IMG_20230227_141206.jpg

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From: Partin Ranch <partinranch@gmail.com>
Sent: Saturday, August 3, 2024 10:56 AM
To: Michelle Metteer <manager@minturn.org>
Subject: Please read at minutes on August 7th

This is in preservation support of properties located at 155 Main St. & 151 Main St. Minturn.
I am President of the Kosse Heritage Society in Kosse Texas. Our small towns are in danger of all the latest and greatest in building technology coming our way.
A lot of folks look at old structures as an "eye sore" but the reality of it is, old structures have great bones, character and most importantly history. We can not lose our old structures,history and the such. Whatever is obtainable to save these old houses should be given an effort.
The history of structures and places is so alluring for tourists. Not all tourists, but eventually,hopefully ....; "those" tourists will come around as well! Best of luck with your decisions and efforts!

Ps. I was a tourist. I have attached a project of ours, the before and ongoing!

Regards,
Karen Partin
Kosse Heritage Society


Hearn-G



Madison Harris

From: Madison Harris
Sent: Wednesday, July 17, 2024 3:15 PM
To: Madison Harris
Subject: RE: Historic Preservation. 151 & 155 Main St

From: k.mintz@verizon.net <k.mintz@verizon.net>
Sent: Tuesday, July 16, 2024 4:03 PM
To: Michelle Metteer <manager@minturn.org>
Cc: kenneth mintz <k.mintz@verizon.net>
Subject: Historic Preservation. 151 & 155 Main St

Hi Michelle,
Hope you are well.

I support the "historic" designation of these 2 wonderful iconic Minturn properties. The downtown area would lose its charm and historic character if these buildings and those great cottonwood trees were not there.
Please mention my support to Council and that my support be added and read into the minutes of Council meetings on 7/17/24 and 8/7/24.

Hope to see you soon.
Best, Ken Mintz

Madison Harris

From: Madison Harris
Sent: Wednesday, August 7, 2024 9:19 AM
To: Madison Harris
Subject: RE: Historic Preservation of 155 Main St and 151 Main St

-----Original Message-----
From: Linda Brodin <ljbrodin@icloud.com>
Sent: Tuesday, August 6, 2024 9:41 AM
To: Michelle Metteer <manager@minturn.org>
Subject: Historic Preservation of 155 Main St and 151 Main St

I would like to voice my support of these two buildings situated in the commercial core of Minturn Colorado for Historic Preservation.
Please read my support into the minutes of the Town Council Meeting on August 7,2024

These two buildings in the Commercial Core of Downtown Minturn originated as residential homes in the downtown core of the "Railroad Town" of Minturn, Colorado.

"Minturn was a railroad town where locomotives whistled shrilly, and heaven help the wife who had left her wash out on the line when a train was passing through, because those coal fires spit out smoke an cinders." Those cinders were even put on roads, to dampen the mud and dust. No Minturn was not a Leadville, with its fancy Tabor Opera House, and certainly not a Vail, a place at its inception of recreation and leisure, nor was it an Eagle, which really was a ranching town. Minturn was a blue-collar railroad town, where jobs were hard and dangerous."
(MINTURN,A MEMOIR Written by Bill Burnett)

Let's don't lose this connection to our past, let's embrace it!

Madison Harris

From: Madison Harris
Sent: Monday, July 15, 2024 4:57 PM
To: Madison Harris
Subject: RE: Historic designation of 151 and 155 Main St

-----Original Message-----
From: Linda Osterberg <lindalevberg@gmail.com>
Sent: Monday, July 15, 2024 3:53 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Historic designation of 151 and 155 Main St

Hi Michelle,

I hope all is well with you. I do not see the benefit of historic designation for these properties. Is there a way to allow for redevelopment and overlay an architectural design review for them (the 100 block?) that maintains the feel of old downtown?

Thanks for your consideration,
Linda

Linda Osterberg
970-376-2245

Town of Minturn

We would like to see the two buildings at 151 Mainst and 155 Main St To become Historical, I have seen Lots of change and would like To See these buildings become Historical. Lets Keep Minturn the Wanderful Town it has been.

Lorraine Vasquez
Roy Vasquez
61 Toledo

Madison Harris

From: Madison Harris
Sent: Monday, July 15, 2024 9:39 AM
To: Madison Harris
Subject: FW: Historical Designation of 151 and 155 Main St

From: Young, Mark <MarkYoung@andrewskurth.com>
Sent: Monday, July 15, 2024 8:12 AM
To: Michelle Metteer <manager@minturn.org>
Cc: Young, Mark <MarkYoung@andrewskurth.com>
Subject: Historical Designation of 151 and 155 Main St

My wife and I own a home in Minturn at 996 Main St. I am writing to express our very strong support for historical designation of both 151 Main St and 155 Main St. Both of these properties are quintessential Minturn. They are, in our view, two of the foundational structures defining the historical character of Main St in the middle of town. It would be an absolute tragedy for either of these structures to ever be demolished or materially altered.

We will be unable to attend the Town Council Meetings on July 17 and August 7, and respectfully request that our support for the historical designation of these two properties be added to and read into the minutes of these Town Council meetings.

Sincerely,
Mark Young

Madison Harris

From: Madison Harris
Sent: Thursday, July 18, 2024 9:40 AM
To: Madison Harris
Subject: RE: Minturn Historical Designation

-----Original Message-----
From: matt@wildmountaincellars.com <matt@wildmountaincellars.com>
Sent: Tuesday, July 16, 2024 2:04 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Minturn Historical Designation

Dear Michelle,

My opinion is that the historical designation of 151 Main St and 155 Main St limits the economical growth of the 100 block of Minturn, because of the restrictions with the designation.

As a business owner on Main Street, I believe the town could increase workable and more modern spaces for thriving businesses, which will bring increase in revenue to other businesses as well as the town of Minturn.

Thank you ~

Matt Deem
Wild Mountain Cellars
152 Main St
970-376-8835

Madison Harris

From: Michael Gottino <mthhoa.pres@gmail.com>
Sent: Wednesday, July 17, 2024 5:17 PM
To: Madison Harris; Michelle Metteer
Subject: Vote no (against) Preserving 151 Main Street and 155 Main Street

To the Minturn Town Council,

I recognize the difficult decision our town faces between preserving historic buildings and ensuring our economic growth. While maintaining Minturn's charm is vital, it's just as important to foster economic prosperity.

I value the intention behind preserving historic sites like Helen's House at 152 Main Street. Nonetheless, observing several vacant buildings downtown raises concerns about our economic situation. The insufficient revenue from sales taxes and the apprehensions about water rates underscore our financial difficulties.

Declaring these buildings as historic may introduce regulatory challenges and financial burdens, potentially resulting in more vacant properties in the 100 block of Minturn and making it too costly for any investor to achieve economic viability. How many developers have tried to improve our town? How many have sold and turned their away? How many roadblocks and hurdles must future developers endure to accomplish reasonable and sustainable growth?

Please take a step of courage where many council members before you chose the status quo and not only promote but spark new mixed-use developments that integrate commercial spaces on the ground floor with residential units above. These contemporary structures can assist with housing while contributing to a more dynamic downtown economy. This type of forward thinking becomes sustainable whereas the vision of the past are relics and no longer sustainable.

I strongly urge the council to vote NO (against) preserving 151 Main Street and 155 Main Street. Let’s prioritize opportunities for commercial growth and innovative development that can advance Minturn's economy. Please vote in favor of supporting new housing solutions and increased business opportunities downtown.

Empower a new vision where Minturn attracts businesses and residents where the future can look back and say well done!

Thank you for considering Minturn's future with a balanced approach that honors our history while embracing our economic potential.

Sincerely,

Michael Gottino

110 Taylor St.

Madison Harris

From: Madison Harris
Sent: Wednesday, August 7, 2024 5:56 PM
To: Madison Harris
Subject: RE: Historic Minturn

From: Mona Bellantonio <mona_bellantonio@msn.com>
Sent: Wednesday, August 7, 2024 2:35 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Historic Minturn

Greetings,
I am writing to tell you that I love Minturn, the views, the historic buildings, small town feel and visiting the town because it is Historical. Please keep the old historic buildings the way they are, it's important and it brings tourism to your town. You should see the mess Buena Vista let happen on its Historical Main Street! Let's hope this won't happen to your town.
Best regards,
Mona Bellantonio
Buena Vista, CO

Madison Harris

From: Madison Harris
Sent: Friday, August 2, 2024 8:55 AM
To: Madison Harris
Subject: RE: The Historic Designation of 151 and 155 Main Street...

From: Nancy Richards <nancy@vailbunkhouse.com>
Sent: Monday, July 29, 2024 5:39 PM
To: Michelle Metteer <manager@minturn.org>
Subject: The Historic Designation of 151 and 155 Main Street...

To the Minturn Town Council -

I will traveling during the next meeting considering the historic designation of properties 151 and 155 Main Street, but would like to share my thoughts via email. I love Minturn and the it's unique character. It is actually what drew our business here in 2016. That being said, I believe our community would be better served with new development versus historic preservation in regards to these downtown properties. I agree we should absolutely maintain our small town character, appearance, and appeal but this is already being accomplished by our current codes. Officially designating these buildings as historic will only increase cost and red tape for new potential buyers and businesses. I would hate to see these properties to continue to sit vacant. Please vote against the official historic designation of 151 and 155 Main Street.

Sincerely,
Nancy Richards

Nancy Richards

Owner and Operator

The Bunkhouse, LLC

970-393-9003





Nella Trail
30 Mann Avenue
Minturn, CO

To the members of council,

I have lived in Minturn my whole life, watching it grow beyond measure in the last 39 years. Overwhelmingly, when you ask someone visiting from out of town what their favorite thing about Minturn is, the answer is usually the small town charm, uniqueness and history as it pertains to both railroad and mining. As a longtime local, it is befuddling to me when buildings like 155 and 151 Main Street are not automatically protected from destruction and redevelopment. There is somewhat of an epidemic we have on a national scale where we find it commonplace to sell, tear down and redevelop buildings that are in many cases, able to be revitalized and preserved for another generation of use. In this instance, you have what was originally built for residence, two buildings that out of need for the town to have more commerce, a rezoning of these two humble and charming structures for multi use purposes. There is a story behind that, if only there was a way to preserve that part of Minturn history?

As a whole, the character of this town is changing with all the new development on both the north and south end of town. Too many structures taking up the whole blueprint of the plots, built as high as possible, taking away from the small town charm and character Minturn has as a turn of the century railroad town. If we do not take steps to preserve downtown, the uniqueness of Minturn will continue to fade away due to greed. Many of us live and choose to stay in Minturn because of that small town charm and feel. The last thing downtown needs is for someone to redevelop anything sky high with no parking. We don’t need a repeat of Hotel Minturn. Historical preservation is a necessary step to take in keeping Minturn, Minturn.

Lastly, I think it's deplorable to hear rumblings that there are folks on the Historic Preservation Commission who speak from both sides of the mouth and approve and then renege the approval of said preservation for their own greedy agenda. I see you, I don’t approve.

Please preserve 155 & 151 Main Street, the charm of Minturn needs it.

Thank you for your time.

Nella

Madison Harris

From: Madison Harris
Sent: Monday, July 29, 2024 4:59 PM
To: Madison Harris
Subject: RE: 151 Main Street and 155 Main Street

-----Original Message-----
From: Robert Roschman <rjr@roschman.com>
Sent: Thursday, July 25, 2024 10:14 PM
To: Michelle Metteer <manager@minturn.org>
Subject: 151 Main Street and 155 Main Street

To whom it concerns,
I own property in Minturn at 585 Taylor St. I'm writing to express my concern in keeping the historic designation. Designating these buildings would impose regulatory hurdles and economic hardship, potentially making it more difficult to lease these buildings to viable tenants. Thereby having vacant buildings . Minturn should consider allowing for a more robust redevelopment that would provide for growing the tax base .
Regards
Robert Roschman

Minturn Planning Department
Minturn Town Center
302 Pine Street
Minturn, Colorado 81645

Minturn Historic Preservation Commission
Chair – Ken Halliday
Tracy Andersen
Robert Creasy
Lynn Teach
Kelly Toon

To: Town Council

From: Madison Harris, Planner I

Date: August 7, 2024

Re: Public Comment Received on Ord. 11 & 12 - 2024 - Roy Vasquez

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Roy Vasquez, 61 Toledo Avenue, called on Wednesday, August 7th at approximately 9:00 a.m. and left a voicemail verbally expressing support for the historic designation of 151 Main Street and 155 Main Street.

Madison Harris

From: Madison Harris
Sent: Wednesday, August 7, 2024 9:20 AM
To: Madison Harris
Subject: RE: Support-151 & 155 Main

From: Susan Morrison <wtfm412@gmail.com>
Sent: Wednesday, August 7, 2024 12:48 AM
To: Michelle Metteer <manager@minturn.org>
Subject: Support-151 & 155 Main

I am writing in support of 151 and 155 Main Street as historical buildings. These beautiful old houses are a part of the minturn history and overall feel of downtown, they contribute to its charm and unique nature of a mountain town. While growth is necessary, retaining the towns historical quaint buildings is very important, throughout town, and especially in the downtown district. I feel the town has done a good job of blending growth and "keeping Minturn, Minturn" 151 and 154 Main Street are important buildings in our downtown landscape in that effort. It would be great if as a town we could figure out a way to help owners/ businesses to thrive in these historical buildings, as the two businesses prior did for many years, bringing people to Minturn.

Thank you,
Susan Morrison
272 Main Street

Please share with the council

Madison Harris

From: Madison Harris
Sent: Wednesday, August 7, 2024 9:20 AM
To: Madison Harris
Subject: RE: Historical Preservation

From: Tammy Montavy <tammymontavy@gmail.com>
Sent: Wednesday, August 7, 2024 7:05 AM
To: Michelle Metteer <manager@minturn.org>
Subject: Historical Preservation

Town of Minturn Council

I want to express my support to the historical preservation of the buildings at 155 Main St and 151 Main St. They are lovely buildings and represent what makes Minturn unique. I have been able to stay in Minturn several times over the past couple of years and love the atmosphere the town presents. Minturn and the historical buildings make it a unique town to visit and different from the surrounding towns.

Sincerely,
Tammy Montavy

Madison Harris

From: Madison Harris
Sent: Monday, July 15, 2024 11:20 AM
To: Madison Harris
Subject: RE: Historic Preservation

From: Tim Campbell <tim@eseventh.com>
Sent: Monday, July 15, 2024 11:16 AM
To: Michelle Metteer <manager@minturn.org>
Subject: Historic Preservation

I request that the council vote against preserving 151 155 Main Street as a matter of commercial growth and creative development for our commercial district. Please read aloud.
Sincerely,
Tim Campbell 512 Main Street Minturn

--
Tim Campbell
President Creative Director
eSeventh.com
970-401-3480

Madison Harris

From: Madison Harris
Sent: Thursday, July 18, 2024 9:40 AM
To: Madison Harris
Subject: RE: Historic Designation

From: tim simon <simonpropertyservices@gmail.com>
Sent: Wednesday, July 17, 2024 3:42 PM
To: Michelle Metteer <manager@minturn.org>
Subject: Historic Designation

Good day Michelle, Thanks for all you do for Minturn. You do a very good job at it. I would like to voice that I oppose the designation of 151 and 155 Main Street as historic buildings. My buildings at 122 and 132 Main Street are a mix of 3 residential and 2 commercial spaces. This mix has proven to be very successful and has created a vibrancy in that area of town. Some of my tenants work in Sunrise Cafe and most of them are very well connected to all things Minturn. The studies that Minturn undertook a while back on what the future prospects for new development options in downtown may look like had incorporated residential and commercial mixes, with commercial on the street level and residential above. Having empty of run down historic buildings serves very little purpose to create economic viability downtown. The Town needs this forward thinking concept to revitalize the downtown. Regards, Tim Simon

Madison Harris

From: Madison Harris
Sent: Monday, July 15, 2024 9:42 AM
To: Madison Harris
Subject: FW: Historical preservation

From: Vicki Wrosch <wrosch@cofo.edu>
Sent: Wednesday, July 10, 2024 10:44 AM
To: Michelle Metteer <manager@minturn.org>
Subject: Historical preservation

I'm sending this email in support of the preservation of 155 main St. and 151 Main St in Minturn, CO.

I've had multiple surgeries at the Steadman Clinic and each time I've come to Colorado I stay in Minturn and love the history the town provides. It is a wonderful, down to earth down and I would hate to see it loose two of its historical buildings. When we tear down our past you forget where you come from plus the warmth of old buildings attract businesses and tourist. You need a uniqueness that is not provided in Vail.

Vicki Wrosch
College Of the Ozarks
Director HR/Insurance
417.690.2205
417.690.2199 (fax)

Our vision: to develop citizens of Christ-like character who are well-educated, hard-working, and patriotic.

*******Private and Confidential*******

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*******Private and Confidential*******

TOWN OF MINTURN, COLORADO
ORDINANCE NO. 11 – SERIES 2024

AN ORDINANCE OF THE TOWN OF MINTURN, COLORADO AMENDING THE TOWN'S HISTORIC REGISTER ADDING 151 MAIN STREET – PARCEL NUMBER: 2103-263-10-003

WHEREAS, the Town of Minturn ("Town") is a Colorado home rule municipality organized pursuant to Article XX of the Colorado Constitution and with the authority of the Town of Minturn Home Rule Charter for which the Minturn Town Council ("Town Council") is authorized to act; and

WHEREAS, the Town of Minturn has established the Town of Minturn Register of Historic Places (the "Town's Historic Register") in Section 19-3-10 of the Minturn Municipal Code ("Code"); and

WHEREAS, pursuant to Code Sec. 19-4-30 the Historic Preservation Commission ("HPC") has transmitted to the Town Council a proposed designation of a structure for preservation; and

WHEREAS, based upon evidence received by the HPC at a hearing on April 16, 2024, the staff report and evidence received at the hearings before Town Council on October 2, 2024 and October 16, 2024, 151 Main Street which is 1,092 square foot building, located at Parcel Number 2103-263-10-003 meets the criteria for designation as a structure for preservation as set out in Code Sec. 19-3-20 by:

(a) Properties or historic districts shall be at least seventy-five (75) years old and meet one (1) or more of the following criteria in order to be considered for designation:
(2) Connection with persons significant in history.
(3) Distinctive characteristics of a type, period, method of construction, or artisan:
a. Exemplifies specific elements of an architectural style or period;
d. Represents a style that is particular to the Town;
f. Represents a built environment of a group of people in an era of history.
(4) Geographic importance;
a. Enhances the sense of identity of the Town or community;
b. Is an established and familiar natural setting or visual feature of the Town or community.

WHEREAS, the Nomination Application indicates that: "This is an iconic structure with it's twin sitting next door (fitting as these were houses for brothers). They are one of the first buildings one sees as they drive into the heart of Minturn. They represent a time when Minturn used to be ranches and farmland as the people who built these houses ran cattle, sheep, a dairy farm, ("Minturn, A Memoir", Burnett) and lettuce fields that contributed to Minturn being called

the lettuce capital of the United States for a brief time. They have since been co-opted into commercial stores rather than residences and continue to contribute to the character of the Town…"; and

WHEREAS, 151 Main Street is an iconic historic structure that is emblematic of the architecture of Minturn's heritage; and

WHEREAS, 151 Main Street is part of the sense of community that makes up the Town of Minturn and provides an important bridge to the Town's past.

NOW THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO:

SECTION 1. The foregoing recitals are incorporated herein as if set forth in full.

SECTION 2. That based upon the analysis reference above, and the evidence received at the public hearings, certain property herein called 151 Main Street, a 1,092 square foot building, located at Parcel Number 2103-263-10-003, separate from all improvements situated and located thereon, be and the same is hereby designated as a structure for preservation and inclusion on the Town's Historic Register.

SECTION 3. The effect of this designation may enhance the value of the property and of the structure, but may delay or require denial of building permits found unacceptable by the Historic Preservation Commission under the criteria contained in Chapter 19 of the Minturn Municipal Code.

SECTION 4. This ordinance shall be recorded among the records of the Clerk and Recorder of Eagle County.

INTRODUCED, READ BY TITLE, APPROVED ON THE FIRST READING AND ORDERED PUBLISHED BY TITLE ONLY AND POSTED IN FULL ON THE OFFICIAL TOWN WEBSITE THE 2nd DAY OF OCTOBER 2024. A PUBLIC HEARING ON THIS ORDINANCE SHALL BE HELD AT THE REGULAR MEETING OF THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO ON THE 16th DAY OF OCTOBER 2024 AT 5:30 p.m. AT THE MINTURN TOWN HALL 302 PINE STREET, MINTURN COLORADO 81645.

TOWN OF MINTURN, COLORADO

Earle Bidez, Mayor

ATTEST:

By: _____
Jay Brunvand, Town Clerk

TOWN OF MINTURN, COLORADO SEAL 1904

THE TOWN OF MINTURN, COLORADO, ORDAINS THIS ORDINANCE ENACTED ON SECOND READING AND ORDERED PUBLISHED BY TITLE ONLY AND POSTED IN FULL ON THE OFFICIAL TOWN WEBSITE THIS 16th DAY OF OCTOBER 2024.

TOWN OF MINTURN, COLORADO

_____
Earle Bidez, Mayor

ATTEST:

By:_____
Jay Brunvand, Town Clerk

First Reading

TOWN OF MINTURN, COLORADO ORDINANCE NO. 11 – SERIES 2024 AN ORDINANCE OF THE TOWN OF MINTURN, COLORADO AMENDING THE TOWN'S HISTORIC REGISTER ADDING 151 MAIN STREET – PARCEL NUMBER: 2103-263-10-003

INTRODUCED, READ BY TITLE, APPROVED ON THE FIRST READING AND ORDERED PUBLISHED BY TITLE ONLY AND POSTED IN FULL ON THE OFFICIAL TOWN WEBSITE THE 2 nd DAY OF OCTOBER 2024. A PUBLIC HEARING ON THIS ORDINANCE SHALL BE HELD AT THE REGULAR MEETING OF THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO ON THE 16 th DAY OF OCTOBER 2024 AT 5:30 p.m. AT THE MINTURN TOWN HALL 302 PINE STREET, MINTURN COLORADO 81645.

TOWN OF MINTURN, COLORADO

Earle Bidez, Mayor

ATTEST: By: Jay Brunvand, Town Clerk

TOWN OF MINTURN, COLORADO ORDINANCE NO. 12 – SERIES 2024 AN ORDINANCE OF THE TOWN OF MINTURN, COLORADO AMENDING THE TOWN'S HISTORIC REGISTER ADDING 155 MAIN STREET – PARCEL NUMBER: 2103-263-10-004

INTRODUCED, READ BY TITLE, APPROVED ON THE FIRST READING AND ORDERED PUBLISHED BY TITLE ONLY AND POSTED IN FULL ON THE OFFICIAL TOWN WEBSITE THE 2 nd DAY OF OCTOBER 2024. A PUBLIC HEARING ON THIS ORDINANCE SHALL BE HELD AT THE REGULAR MEETING OF THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO ON THE 16 th DAY OF OCTOBER 2024 AT 5:30 p.m. AT THE MINTURN TOWN HALL 302 PINE STREET, MINTURN COLORADO 81645.

TOWN OF MINTURN, COLORADO

Earle Bidez, Mayor

ATTEST: By: Jay Brunvand, Town Clerk

PUBLISHED IN THE VAIL DAILY ON SATURDAY, OCTOBER 5, 2024.

To: Town Council
From: Madison Harris
Date: October 11, 2024
Agenda Item: Ordinance 12 - Series 2024 (Second Reading) An Ordinance Amending the Town's Historic Register to Add 155 Main Street

REQUEST:
Review the nomination to add 155 Main Street to the Town's Historic Register via Ordinance 12 - Series 2024 on Second Reading.

INTRODUCTION:
Council initially took this Ordinance up at their June 5, 2024 regular meeting. They continued the first reading hearing to August 7, 2024, with a work session to take place on July 17, 2024 to discuss options to help give property owners certainty concerning historic preservation. It was again continued to September 3, 2024 and then to October 2, 2024 in order to give staff time to bring an ordinance addressing the options through HPC, Planning Commission, and Council.

ANALYSIS:
At the June 5, 2024 meeting Council discussed balancing historic preservation, economic feasibility, and the utilization of property, particularly in the Town's downtown, commercial generating area. In response to this a work session was scheduled at the July 17, 2024 meeting.

During the work session staff brought forth nine different ideas for Council to discuss and give direction on. Staff was directed to bring back an ordinance addressing Options 1-7:

1. Option 1: Eliminate the requirement for two sets of design review guidelines
2. Option 2: Eliminating potentially redundant approval requirements
3. Option 3: Allow for historically designated structures in the downtown corridor to have the immediate ability to functions as short term rentals on all floors
4. Option 4: Encourage historic preservation reinvestment as part of the Downtown Development Authority Operations Plan
5. Option 5: Require a minimum of two nominators for a structure to be nominated for historic designation
6. Option 6: Create a process whereby property owners can determine if their structure would be historically designated without necessarily "supporting" such a designation
7. Option 7: Allow residential in the Downtown Character Area on the back 50% ground floor of historically designated commercial buildings to create live/work opportunities

Several of these options, should they be implemented, should provide additional flexibility and stability to individual property owners within the 100 Block and throughout the rest of Town. That ordinance (Ordinance 20 - Series 2024) was reviewed on first reading Tuesday, September

3, 2024 and second reading was September 18, 2024. The ordinance passed with all directed options included.

At the October 2, 2024 Council meeting there was much public comment received on this application and Council ultimately decided unanimously to pass the ordinance amending and adding 155 Main Street to the Historic Register on first reading.

COMMUNITY INPUT:
Ongoing.

BUDGET / STAFF IMPACT: TBD

STRATEGIC PLAN ALIGNMENT:
PRACTICE FAIR, TRANSPARENT AND COMMUNICATIVE LOCAL GOVERNMENT

ATTACHMENTS:

- Designation Memo
- Application
- Public Comment
- Ordinance 12 - Series 2024

To: Town Council
From: Madison Harris
Date: May 31, 2024
Agenda Item: Landmark Designation for 155 Main Street

REQUEST:
Review the landmark designation nomination of 155 Main Street based on the criteria outlined in the Minturn Municipal Code Sec. 19-3-20, citing findings of fact, and making a decision of approval, approval with conditions, or denial of the nomination.

Application: #2024L – 002
Address: 155 Main Street
Zoning: Old Town Character Area – 100 Block A
Owner: MR Minturn LLC
Applicant(s): Town of Minturn

CASE SUMMARY:
Staff has submitted a nomination for Historic Landmark status of 155 Main Street. The application has been reviewed, deemed complete, and to meet the Minturn landmark designation criteria. As such, staff scheduled a public hearing for the Town Council to review on June 5, 2024. Adjacent properties and the owner of 155 Main Street were notified via certified mail, and a notice placed in the Vail Daily a minimum of 10 days before the public hearing.

DESIGNATION CRITERIA & EVALUATION; CHAPTER 19 MINTURN MUNICIPAL CODE:
To meet landmark designation criteria, in accordance with Chapter 19, Minturn Municipal Code, the application(s) must be complete, and the structure must meet the following criteria:

MMC Sec. 19-3-20. Eligibility Criteria.

a. Properties or historic districts shall be at least seventy-five (75) years old and meet one (1) or more of the following criteria in order to be considered for designation:
    1) Association with events that have made a significant contribution to history
    2) Connection with persons significant in history
    3) Distinctive characteristics of a type, period, method of construction, or artisan
    4) Geographic importance
    5) Possibility to yield important information related to prehistory or history

CRITERIA EVALUATION
Town staff found that the application for designation demonstrates that the structure meets the following criteria.

A. Connection with persons significant in history
The Nelson's were an institution for Minturn with Mr. Ben Nelson running the Nelson Dairy and Mr. Peter Nelson running the Nelson ranch starting in 1888. According to *Minturn, A*

Memoir Pete Nelson “homesteaded the ranch at the foot of Meadow Mountain where the Forest Service complex was built in the late 1980s.” “The Nelsons owned all the land that was later know as Maloit Park, which they later sold to the New Jersey Zinc Co., but in the ‘30s they used all this land and all of the Cross Creek area for pasture and winter feeding.” The Nelsons trucked lettuce to Denver weekly for several years, contributing to the unofficial title of lettuce capital of the country for Minturn.

B. Distinctive characteristics of a type, period, method of construction or artisan (exemplifies specific elements of an architectural style or period; represents a style that is particular to the Town; and, represents a built environment of a group of people in an era of history)

155 Main Street reflects the Late Victorian style of architecture, specifically Folk Victorian and Minimal Traditional that was constructed in North America in the early to mid-20th century. (Craven) Traditional Minimal became extremely popular just before and post WWII. The preference of this architecture was to make relatively simple houses out of materials that were readily available and “[as] the railroads expanded, factory-made building parts could be sent to far corners of the continents” (Craven).



Photo Credit: Nomination Application

This familiar style can be seen in many places.

C. Geographic Importance (enhances the sense of identity of the Town or community; is an established and familiar natural setting or visual feature of the Town or community)

“This is an iconic structure with it's twin sitting next door (fitting as these were houses for brothers). They are one of the first buildings one sees as they drive into the heart of Minturn. They represent a time when Minturn used to be ranches and farmland as the people who built these houses ran cattle, sheep, a dairy farm, ("Minturn, A Memoir", Burnett) and lettuce fields that contributed to Minturn being called the lettuce capital of the United States for a brief time. They have since been co-opted into commercial stores rather than residences and continue to contribute to the character of the Town.” (Nomination Application)

This structure represents a transitional period of Minturn’s history where Minturn recently incorporated as one of the oldest towns in Eagle County. 155 Main Street is a lot that is in the middle of the Town’s commercial core. This building is a familiar sight to any locals and visitors who have lived in or frequented Minturn.

PUBLIC REVIEW PROCESS:
Town staff has met all posting and notification requirements delineated in Chapter 19, Sec 19-4-10 identifying legal notice procedures follow established guidelines as set forth in MMC. Sec. 16-21-610.

PUBLIC COMMENTS:
As of May 31, 2024, no public comments have been received regarding this application.

RECOMMENDED ACTION OR PROPOSED MOTION:
Approve Ordinance 12 – Series 2024 Amending the Town's Historic Register to Add 155 Main Street on first reading.

ATTACHMENTS:
- Historic Landmark Nomination Application for 155 Main Street
- Ordinance 12 – Series 2024 Amending the Town's Historic Register to Add 155 Main Street

REFERENCES:

Burnett, Bill. *Minturn, A Memoir*. Old Gypsum Printer/Wings Publishing, 2007.

Craven, Jackie. "House Styles from America's Founding to Present." *ThoughtCo*, 25 Sept. 2019, www.thoughtco.com/house-style-guide-american-home-4065233.

Dobroth, Kirsten. "A Quick Guide to Meadow Mountain." *Vail*, Vail-Beaver Creek Magazine, 22 Feb. 2024, www.vailmag.com/best-of-vail/a-quick-guide-to-meadow-mountain.

Gagnon, Brooke. "Keller Williams Mountain Properties." *Minturn*, www.searchvailhomes.com/community/id/1910681/area/Minturn/. Accessed 12 Apr. 2024.

History Colorado. "Field Guide Colorado's Historic Architecture ..." *History Colorado*, Colorado Historical Society, July 2008, www.historycolorado.org/sites/default/files/media/document/2017/1625Field.pdf.

Minturn, Town of. "Minturn Trails." *Minturn CO*, www.minturn.org/explore-minturn/pages/minturn-trails. Accessed 12 Apr. 2024.

Minturn, Town of. "Timelines." *Minturn CO*, www.minturn.org/historic-preservation/pages/timelines. Accessed 12 Apr. 2024.

HISTORIC LANDMARK NOMINATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
P.O. Box 309/302 Pine Street Minturn, Colorado 81645-0309
970-827-5645 | planner1@minturn.org

Section 1 - Purpose:

The purpose of Historic Preservation is to enhance the Town of Minturn's local resources and to promote the public health, safety, and welfare through:

1. The protection and preservation of the Town's architecture, culture, and heritage as embodied in historic properties and historic districts, by appropriate regulations and incentives;
2. The stabilization of historic neighborhoods;
3. The establishment of the Town's Historic Register listing historic properties and historic districts;
4. The cultivation of civic pride in the art, architecture, and accomplishments of the past;
5. The encouragement of continued private ownership and utilization of such historic properties or historic districts now so owned and used;
6. The promotion of thoughtful community planning and design; and
7. The provision of educational opportunities to increase public appreciation of the Town's unique heritage.

Section 2 - Intent:

The intention of Historic Preservation is to create a reasonable balance between private property rights and the public interest in preserving the Town's unique historic character through the nomination of buildings, structures, sites, objects, and historic districts for preservation.

Narrative Description:

Please describe the current appearance of the property and any alterations that have occurred since its original construction.

The current appearance is a small Victorian structure in a mix of the Folk Victorian and Minimal Traditional styles. It has yellow siding, a gray metal roof, and green trim. It has a small front porch that is uncovered and a bay window on the street. It has a pitched roof in an L-shaped fashion. The color has changed over the years, but to my knowledge not much materially has changed.

Photographs:

Please attach current photographs of the property and, if available, copies of historic photographs. For building, structures, or objects, current photographs should show the property from all directions.

If you are not the owner of the property that is being nominated, have you discussed this application with the owner(s)? This is encouraged, but not required. Yes ☐ No ☑

Signature:



HISTORIC LANDMARK NOMINATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
P.O. Box 309/302 Pine Street Minturn, Colorado 81645-0309
970-827-5645 | planner1@minturn.org

Section 3 - Basic Property Information:

Historic Name of Property (if applicable) and any other names:

155 Main Street - Nelson House

Address of Property

Street Address: 155 Main Street

Legal Description of Property: SSubdivision: MACKEDON & RATHBURNS Block: B Lot: 7 AND:- Lot: 8 S1/2 OF

Maps:

1. Include a location map on 8.5x11 inch page showing the property in relation to major streets
2. Include a site plan on 8.5x11 inch page showing the footprint of the building if applicable

Property Owner Information:

Name: MR Minturn LLC (Representative: Tom Warren)

Mailing Address: 5161 Collins Ave PH D, Miami Beach, FL 33140-2723

Email: trw@morganreed.com | Phone:

Applicant Information (if different):

Name: Town of Minturn

Mailing Address: PO Box 309, Minturn, CO 81645-0309

Email: planner1@minturn.org | Phone: 970-445-2429

Is property listed on the National Register of Historic Places or the State Register of Historic Properties?

☐ Yes ☑ No

If yes, please provide date and registration number. Date: _____ Registration #: _____

For Official Use:

Date Received: 04/01/24 Planner: Madison Harris

Historic Preservation Commission - ☐ Approval ☐ Denial

Comments:

HISTORIC LANDMARK NOMINATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
P.O. Box 309/302 Pine Street Minturn, Colorado 81645-0309
970-827-5645 | planner1@minturn.org

Section 4 - Eligibility Criteria:

Indicate how the property is significant to the Town of Minturn and its past by checking one or more of the following: Properties (*buildings, structures, sites, or objects*)or historic districts shall be at least 75 years old and meet 1 or more of the following criteria in order to be considered for designation:

- ☐ Association with events that have made a significant contribution to history;
  - ☐ Is a site of a historic event that had an effect upon society; or
  - ☐ Exemplifies cultural, political, economic, or ethnic heritage of the Town.
- ☑ Connection with persons significant in history.
- ☑ Distinctive characteristics of a type, period, method of construction, or artisan:
  - ☑ Exemplifies specific elements of an architectural style or period;
  - ☐ Is an example of the work of an architect or builder who is recognized for expertise nationally, state-wide, regionally, or locally;
  - ☐ Demonstrates superior craftsmanship or high artistic value;
  - ☑ Represents a style that is particular to the Town;
  - ☐ Represents an innovation in construction, materials, or design; or
  - ☑ Represents a built environment of a group of people in an era of history.
- ☑ Geographic importance:
  - ☑ Enhances the sense of identity of the Town or community; or
  - ☐ Is an established and familiar natural setting or visual feature of the Town or community.
- ☐ Possibility to yield important information related to prehistory or history:
  - ☐ Addresses research questions or fills recognized data gaps;
  - ☐ Embodies construction, development, or design adaptations; or
  - ☐ Informs on the development of engineering systems.

A property or historic district may be exempted from the age standard if the Town Council finds it to be exceptionally important in other criteria. *- Sec. 19-3-20 MMC*

For any eligibility criteria selected above, please provide sources and documentation below with the research and documentation for why this application should be designated historic. If this space is not enough please feel free to attach additional sheets.

According to the 1902 and 1904 assessment rolls, Peter and Ben Nelson are listed as owning sizable amounts of land in and around Minturn. Of these, a portion of the Mackedon addition was a part of the ownership tracts. (See attached pictures provided by the Eagle Valley Library District of the assessment rolls.)

According to multiple sources (minturn.org, "Minturn, A Memoir" by Bill Burnett, and vailmag.com) the Nelson's contributed heavily via land and produce to the reason why Minturn was briefly known as the lettuce capital of the United States.

The structure itself exemplifies a transitional period between late Folk Victorian and early Minimal Traditional which would eventually rise to prominence all over the country early and post WWII (thoughtco.com and History Colorado).

HISTORIC LANDMARK NOMINATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
P.O. Box 309/302 Pine Street Minturn, Colorado 81645-0309
970-827-5645 | planner1@minturn.org

Section 5 - Category and Resources:

Category of Nomination (check one):

- [x] Building (any shelter or enclosure having a roof supported by columns or walls and intended for the shelter, housing or enclosure of any individual, animal, process, equipment, goods or materials of any kind.)
- [ ] Site (the location of a significant event; a prehistoric or historic occupation or activity; or a building, structure, or object, whether standing or vanished, where the location itself maintains historic or archeological value regardless of the value of any existing building, structure, or object.)
- [ ] Object (a material item of functional, aesthetic, cultural, historical, or scientific value that may be, by nature or design, movable yet related to a specific setting or environment.)
- [ ] District (a geographically definable area including a concentration, linkage, or continuity of properties within a specified period of significance and may include within its geographic boundaries one (1) or more contributing properties, which has been designated by the Town Council)
- [ ] Structure (anything constructed or erected, the use of which requires location on or in the ground, for purposes other than shelter of humans, animals, or chattels.)

Narrative Statement of Significance:

Please describe how this property contributes to the history of Minturn. Why should the property be landmarked? For any category selected above, please provide sources and documentation below with the research and documentation for why this application should be designated historic. If this space is not enough please feel free to attach additional sheets.

This is an iconic structure with it's twin sitting next door (fitting as these were houses for brothers). They are one of the first buildings one sees as they drive into the heart of Minturn. They represent a time when Minturn used to be ranches and farmland as the people who built these houses ran cattle, sheep, a dairy farm, ("Minturn, A Memoir", Burnett) and lettuce fields that contributed to Minturn being called the lettuce capital of the United States for a brief time. They have since been co-opted into commercial stores rather than residences and continue to contribute to the character of the Town.
Built in 1914, this structure represents a transitional period for all, but especially for Minturn. The building is a mix of Folk Victorian (1870-1910) and Minimal Traditional (1935-1950) with its simple form, low pitched roof, and front porch. ("House Style Guide to the American Home", Craven) This structure was build only 10 years after the Town officially incorporated in 1904 as one of the oldest towns in Eagle County (minturn.org).

HISTORIC LANDMARK NOMINATION

TOWN OF MINTURN PLANNING AND ZONING DEPARTMENT
P.O. Box 309/302 Pine Street Minturn, Colorado 81645-0309
970-827-5645 | planner1@minturn.org

Section 6 - Description:

Architectural Description:

If property is a building, please describe the predominate architectural style such as Victorian or Mid-Century Modern.

This is a Late Victorian structure built in a mix of Folk Victoria and Minimal Traditional.

List of References:

Please cite the books, articles, personal contacts, and other sources used in preparing this application.

Minturn, A Memoir by Bill Burnett

Field Guide to Colorado's Historic Architecture & Engineering by Office of Archaeology and Historic Preservation Colorado Historical Society (https://www.historycolorado.org/sites/default/files/media/document/2017/1625Field.pdf)

House Style Guide to the American Home by Jackie Craven (https://www.thoughtco.com/house-style-guide-american-home-4065233)

A Quick Guide to Meadow Mountain by Kirsten Dobroth (https://www.vailmag.com/best-of-vail/a-quick-guide-to-meadow-mountain)

Town of Minturn Timelines (https://www.minturn.org/historic-preservation/pages/timelines)

Keller Williams Mountain Properties (https://www.searchvailhomes.com/community/id/1910681/area/Minturn/)

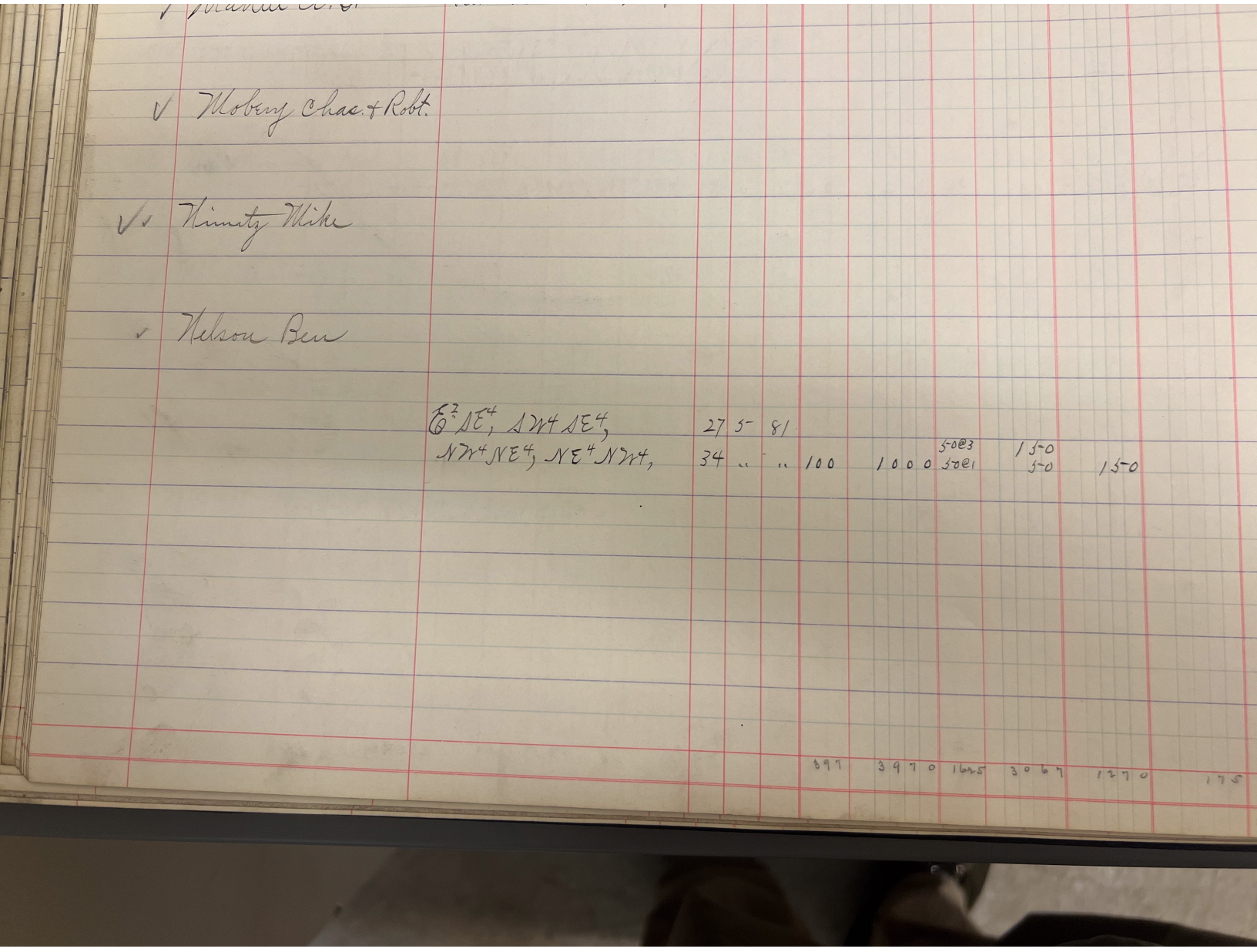
Minturn Trails by Town of Minturn (https://www.minturn.org/explore-minturn/pages/minturn-trails)

Zachary Catt, Local History/Genealogy Librarian with the Eagle Valley Library District

1902 and 1904 Assessment Rolls


151
155
156
115
167
161
161


HERE TO CORNER
2 HOUR PARKING
7AM-7PM
NO PARKING
SALE
GEMINI GARDENS
50% OFF ALL MERCHANDISE



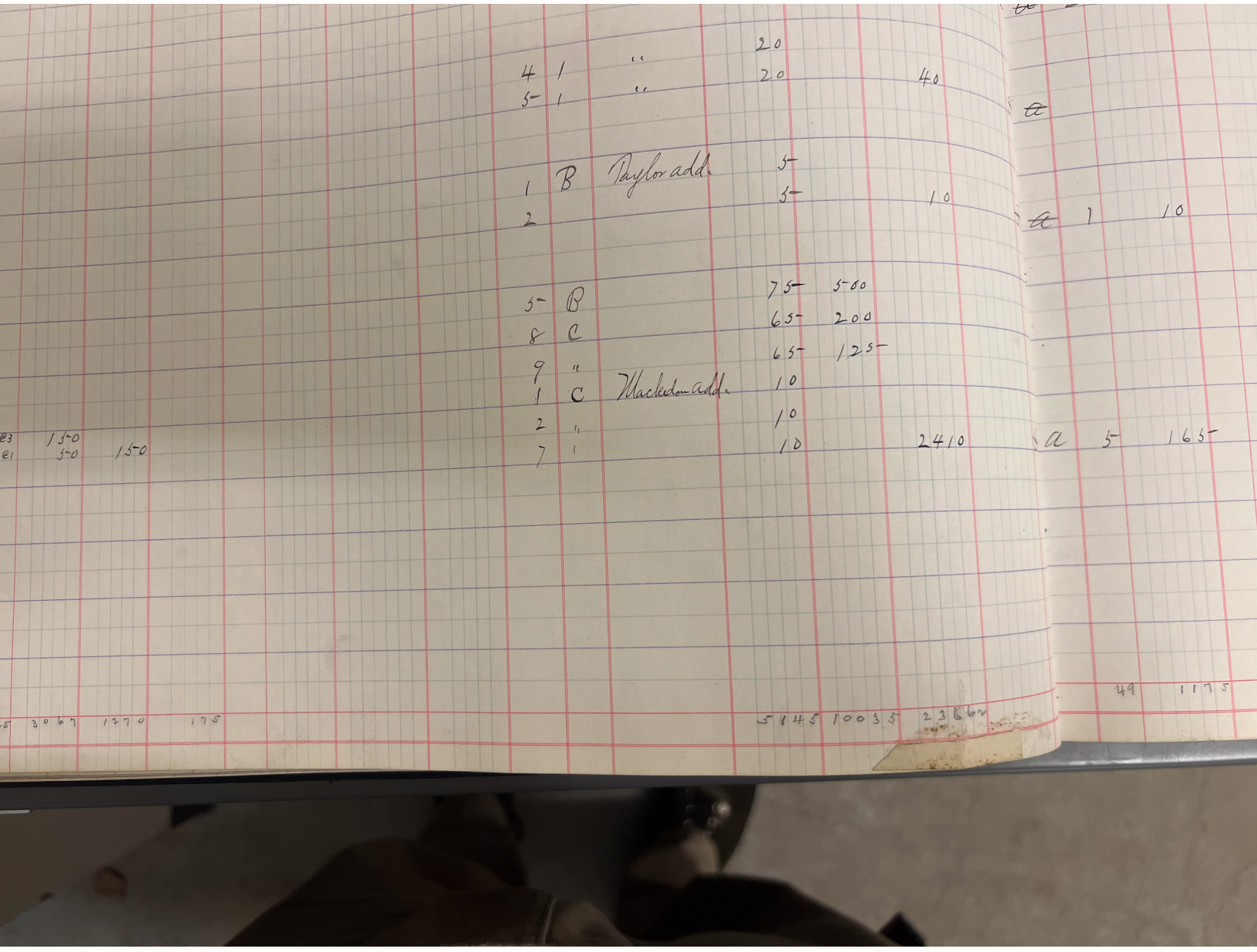
✓ Mobery Chas. & Robt.

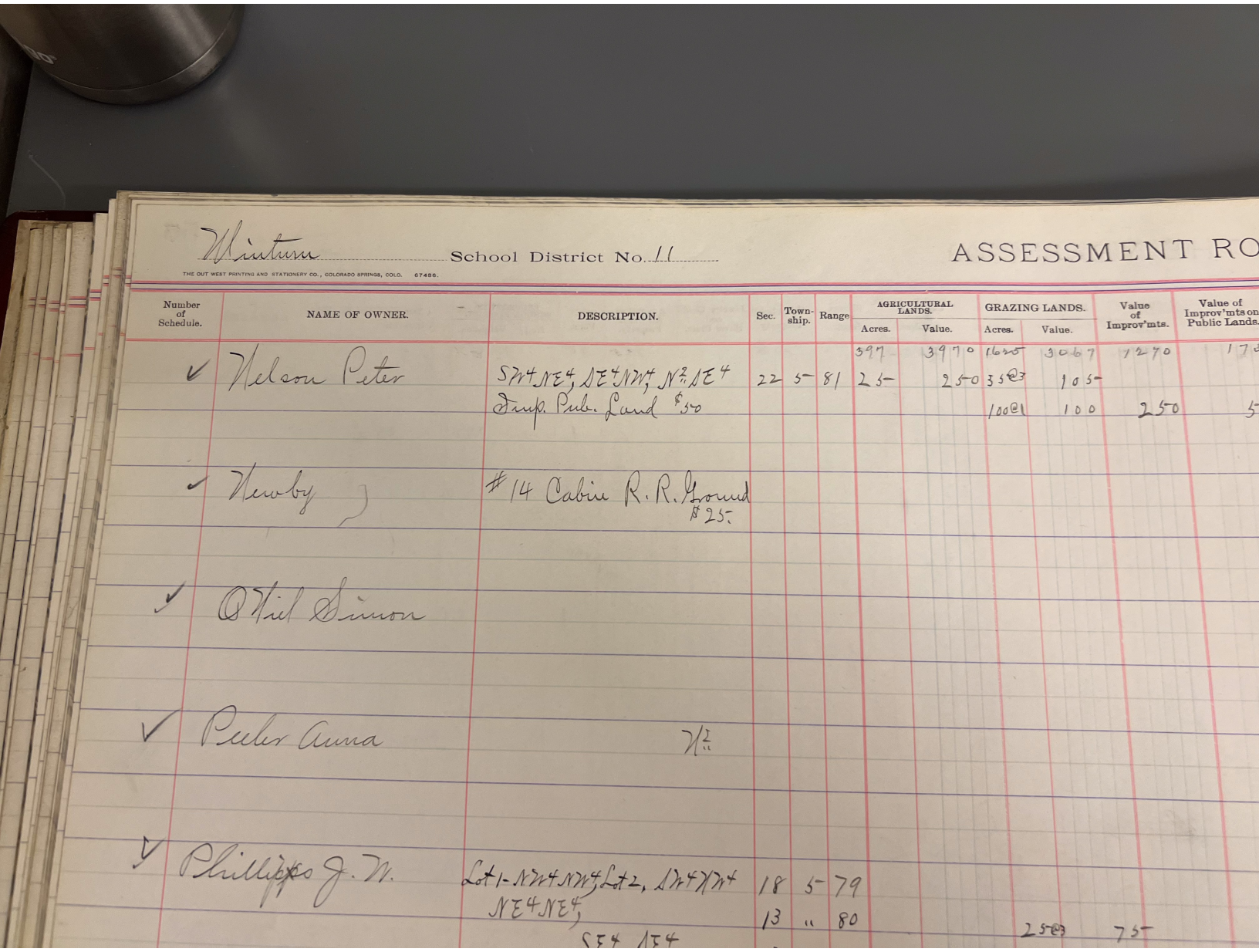
✓ Ninety Mike

✓ Nelson Ben

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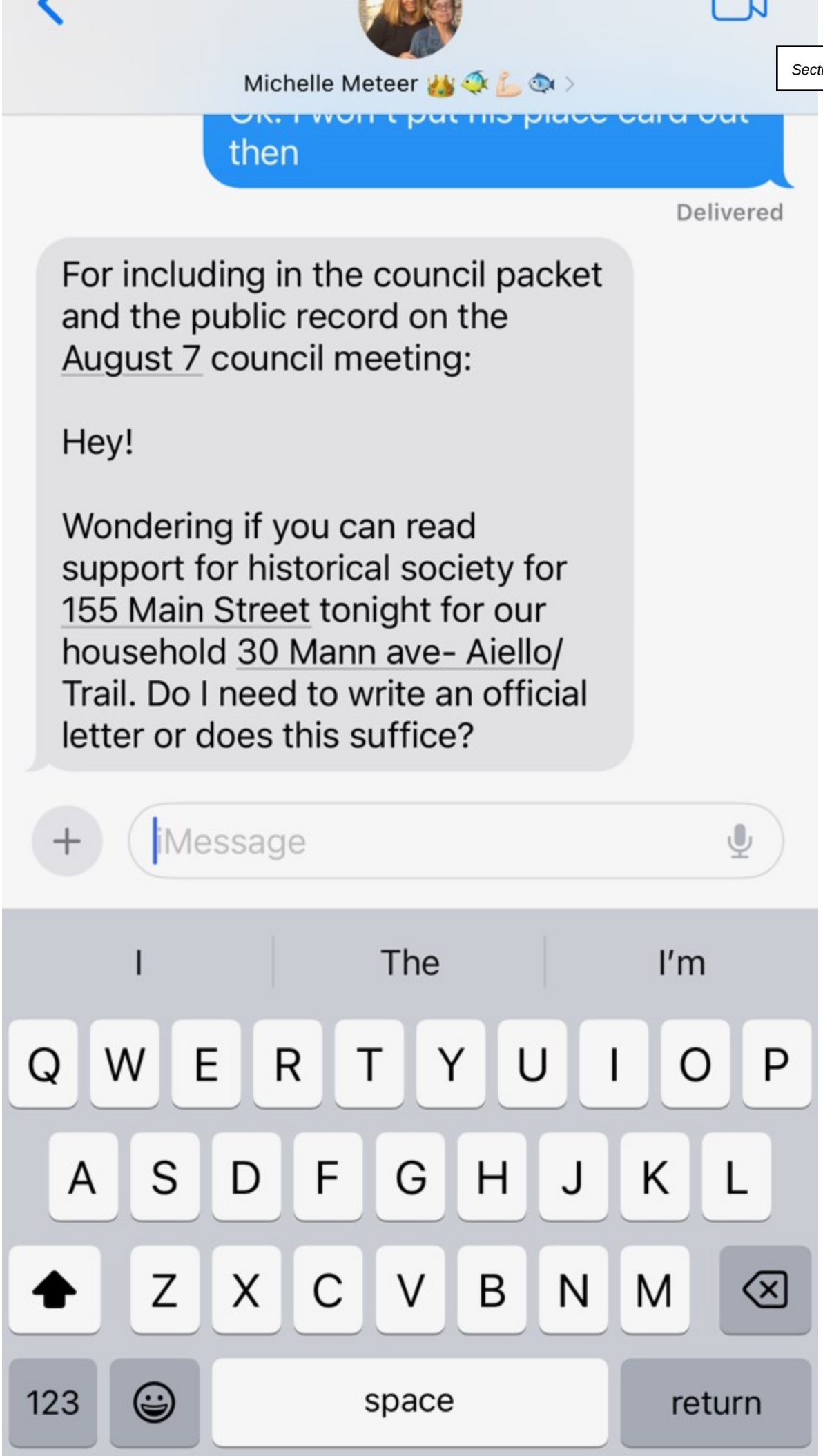


Winsum School District No. 11

ASSESSMENT RO

THE OUT WEST PRINTING AND STATIONERY CO., COLORADO SPRINGS, COLO. 67486.

Number of Schedule.	NAME OF OWNER.	DESCRIPTION.	Sec.	Township.	Range	AGRICULTURAL LANDS. Acres.	AGRICULTURAL LANDS. Value.	GRAZING LANDS. Acres.	GRAZING LANDS. Value.	Value of Improv'mts.	Value of Improv'mts on Public Lands.
						397	3970	1625	3067	1270	175
✓	Nelson Peter	S½NE¼, SE¼NW¼, N½NE¼ Dup. Pub. Land $50	22	5	81	25	250	35 @3	105		
								100 @1	100	250	50
✓	Newby	#14 Cabin R. R. Ground $25									
✓	O'Neil Simon										
✓	Peter Anna	W½ "									
✓	Phillips J. W.	Lot 1-NW¼NW¼, Lot 2, SW¼NW¼ NE¼NE¼,	18	5	79						
		SE¼ NE¼	13	"	80				25 @3	75	


Michelle Meteer
then
Delivered
For including in the council packet and the public record on the August 7 council meeting:
Hey!
Wondering if you can read support for historical society for 155 Main Street tonight for our household 30 Mann ave- Aiello/ Trail. Do I need to write an official letter or does this suffice?
iMessage
I
The
I'm
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123
space
return

TOWN OF MINTURN, COLORADO
ORDINANCE NO. 12 – SERIES 2024

AN ORDINANCE OF THE TOWN OF MINTURN, COLORADO AMENDING THE TOWN'S HISTORIC REGISTER ADDING 155 MAIN STREET – PARCEL NUMBER: 2103-263-10-004

WHEREAS, the Town of Minturn ("Town") is a Colorado home rule municipality organized pursuant to Article XX of the Colorado Constitution and with the authority of the Town of Minturn Home Rule Charter for which the Minturn Town Council ("Town Council") is authorized to act; and

WHEREAS, the Town of Minturn has established the Town of Minturn Register of Historic Places (the "Town's Historic Register") in Section 19-3-10 of the Minturn Municipal Code ("Code"); and

WHEREAS, pursuant to Code Sec. 19-4-30 the Historic Preservation Commission ("HPC") has transmitted to the Town Council a proposed designation of a structure for preservation; and

WHEREAS, based upon evidence received by the HPC at a hearing on April 16, 2024, the staff report and evidence received at the hearings before Town Council on October 2, 2024 and October 16, 2024, 155 Main Street which is 980 square foot building, located at Parcel Number 2103-263-10-004 meets the criteria for designation as a structure for preservation as set out in Code Sec. 19-3-20 by:

(a) Properties or historic districts shall be at least seventy-five (75) years old and meet one (1) or more of the following criteria in order to be considered for designation:
(2) Connection with persons significant in history.
(3) Distinctive characteristics of a type, period, method of construction, or artisan:
a. Exemplifies specific elements of an architectural style or period;
d. Represents a style that is particular to the Town;
f. Represents a built environment of a group of people in an era of history.
(4) Geographic importance;
a. Enhances the sense of identity of the Town or community;
b. Is an established and familiar natural setting or visual feature of the Town or community.

WHEREAS, the Nomination Application indicates that: "This is an iconic structure with it's twin sitting next door (fitting as these were houses for brothers). They are one of the first buildings one sees as they drive into the heart of Minturn. They represent a time when Minturn used to be ranches and farmland as the people who built these houses ran cattle, sheep, a dairy farm, ("Minturn, A Memoir", Burnett) and lettuce fields that contributed to Minturn being called

the lettuce capital of the United States for a brief time. They have since been co-opted into commercial stores rather than residences and continue to contribute to the character of the Town…"; and

WHEREAS, 155 Main Street is an iconic historic structure that is emblematic of the architecture of Minturn's heritage; and

WHEREAS, 155 Main Street is part of the sense of community that makes up the Town of Minturn and provides an important bridge to the Town's past.

NOW THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO:

SECTION 1. The foregoing recitals are incorporated herein as if set forth in full.

SECTION 2. That based upon the analysis reference above, and the evidence received at the public hearings, certain property herein called 155 Main Street, a 980 square foot building, located at Parcel Number 2103-263-10-004, separate from all improvements situated and located thereon, be and the same is hereby designated as a structure for preservation and inclusion on the Town's Historic Register.

SECTION 3. The effect of this designation may enhance the value of the property and of the structure, but may delay or require denial of building permits found unacceptable by the Historic Preservation Commission under the criteria contained in Chapter 19 of the Minturn Municipal Code.

SECTION 4. This ordinance shall be recorded among the records of the Clerk and Recorder of Eagle County.

INTRODUCED, READ BY TITLE, APPROVED ON THE FIRST READING AND ORDERED PUBLISHED BY TITLE ONLY AND POSTED IN FULL ON THE OFFICIAL TOWN WEBSITE THE 2nd DAY OF OCTOBER 2024. A PUBLIC HEARING ON THIS ORDINANCE SHALL BE HELD AT THE REGULAR MEETING OF THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO ON THE 16th DAY OF OCTOBER 2024 AT 5:30 p.m. AT THE MINTURN TOWN HALL 302 PINE STREET, MINTURN COLORADO 81645.

TOWN OF MINTURN, COLORADO

Earle Bidez, Mayor

ATTEST:

By: _____
Jay Brunvand, Town Clerk

TOWN OF MINTURN, COLORADO SEAL 1904

THE TOWN OF MINTURN, COLORADO, ORDAINS THIS ORDINANCE ENACTED ON SECOND READING AND ORDERED PUBLISHED BY TITLE ONLY AND POSTED IN FULL ON THE OFFICIAL TOWN WEBSITE THIS 16th OCTOBER OF JUNE 2024.

TOWN OF MINTURN, COLORADO

_____
Earle Bidez, Mayor

ATTEST:

By:_____
Jay Brunvand, Town Clerk

TOWN OF MINTURN, COLORADO ORDINANCE NO. 11 – SERIES 2024 AN ORDINANCE OF THE TOWN OF MINTURN, COLORADO AMENDING THE TOWN'S HISTORIC REGISTER ADDING 151 MAIN STREET – PARCEL NUMBER: 2103-263-10-003

INTRODUCED, READ BY TITLE, APPROVED ON THE FIRST READING AND ORDERED PUBLISHED BY TITLE ONLY AND POSTED IN FULL ON THE OFFICIAL TOWN WEBSITE THE 2 nd DAY OF OCTOBER 2024. A PUBLIC HEARING ON THIS ORDINANCE SHALL BE HELD AT THE REGULAR MEETING OF THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO ON THE 16 th DAY OF OCTOBER 2024 AT 5:30 p.m. AT THE MINTURN TOWN HALL 302 PINE STREET, MINTURN COLORADO 81645.

TOWN OF MINTURN, COLORADO

Earle Bidez, Mayor

ATTEST: By: Jay Brunvand, Town Clerk

TOWN OF MINTURN, COLORADO ORDINANCE NO. 12 – SERIES 2024 AN ORDINANCE OF THE TOWN OF MINTURN, COLORADO AMENDING THE TOWN'S HISTORIC REGISTER ADDING 155 MAIN STREET – PARCEL NUMBER: 2103-263-10-004

INTRODUCED, READ BY TITLE, APPROVED ON THE FIRST READING AND ORDERED PUBLISHED BY TITLE ONLY AND POSTED IN FULL ON THE OFFICIAL TOWN WEBSITE THE 2 nd DAY OF OCTOBER 2024. A PUBLIC HEARING ON THIS ORDINANCE SHALL BE HELD AT THE REGULAR MEETING OF THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO ON THE 16 th DAY OF OCTOBER 2024 AT 5:30 p.m. AT THE MINTURN TOWN HALL 302 PINE STREET, MINTURN COLORADO 81645.

TOWN OF MINTURN, COLORADO

Earle Bidez, Mayor

ATTEST: By: Jay Brunvand, Town Clerk

PUBLISHED IN THE VAIL DAILY ON SATURDAY, OCTOBER 5, 2024.

Proclamation of the Town of Minturn
HIGH FIVE ACCESS MEDIA DAY

WHEREAS, the sharing of ideas and information helps to empower the local community as well as build common understanding and common values within a community; and

WHEREAS, community media organizations provide a means for diverse communities to tell their stories, hear each other's stories, and create new stories together; and

WHEREAS, community media organizations provide people with the skills necessary for the creation, sharing, and consumption of knowledge and ideas through media; and

WHEREAS, community media is an important resource for participating in local democratic policy and processes; and

WHEREAS, community media connects community organizations, schools, and local governments to their constituents so that they can become civically engaged, express ideas, and advocate for causes; and

WHEREAS, in many communities, people are not aware of the diverse and valuable programming on public, education, and government access channels or community radio channels; and

WHEREAS, communities will benefit from increased general awareness of, viewing audiences for, and creators of media content created by and for the community;

NOW, THEREFORE, BE IT RESOLVED that October 20, 2024 is hereby proclaimed as High Five Access Media Day within the Town of Minturn, and all people are hereby called upon to promote the importance of community media, training available at High Five Access Media, and programming available on channel 5.

BE IT FURTHER RESOLVED, that High Five Access Media plays a vital role in the building our community by broadcasting local government meeting to locals, second-home owners and visitors alike as well as encouraging conversations about our common interests, increasing discourse around policy issues, fostering understanding of local cultures, broadcasting local events and sharing information to improve our lives.

TOWN OF MINTURN

By: _____
Earle Bidez, Mayor

ATTEST:

_____
Jay Brunvand, Town Clerk

Building a Better World for All of Us®

MEMORANDUM

TO: Michelle Metteer

FROM: Parsa Kolahi, PE

DATE: October 10, 2024

RE: Recommended Bellm Bridge Improvements
SEH No. MINTU 178861

Dear Ms. Metteer,

This memorandum is intended to provide the Town of Minturn (Town) with the engineer's recommendations for the Bellm Bridge improvements.

Overview

Short Elliott Hendrickson Inc. (SEH) was selected to perform a feasibility study with a life-cycle cost analysis on Bellm Bridge (Taylor St over Eagle River) located in Minturn, CO.

A preliminary evaluation of the collected data was performed, and five bridge Alternatives were developed for the bridge improvements. See Attachment 1 for the proposed bridge alternatives.

A preliminary construction cost estimate was then developed for each alternative with a life-cycle cost analysis for the anticipated service life of each alternative. The estimate costs are summarized in the table presented in Attachment 2 for comparison.

Additionally, a Decision Matrix was developed comparing the performance of the five alternatives in several different categories (key factors) as listed below. See Attachment 3 for the Decision Matrix.

- Construction Cost
- ROW Impacts
- Aesthetics
- Hydraulic Parameters
- Channel / Environmental Impacts
- Longevity
- Constructability
- Construction Duration
- Maintenance Costs
- Load Capacity and Safety

The matrix includes an Overall Ranking calculated for each alternative, which was the primary basis for the recommended actions below.

Recommended Improvements

A major bridge rehabilitation option was considered in order to improve the safety and service life of Bellm Bridge. However, due to the complexity of the construction work, the estimated service life, and the estimated construction cost, the proposed bridge rehabilitation (Alternative 1) does not appear to be a viable option. Therefore, a bridge replacement option is recommended.

Limited calculations, preliminary evaluations, and coordination with the Town contributed to recommending **Bridge Alternative 2 (Prefabricated Truss Structure)** as the most feasible replacement option for Bellm Bridge. This bridge alternative offers the second lowest estimated construction cost among the replacement alternatives, a clear span that limits in-channel construction work, the shortest construction duration with an Accelerated Bridge Construction (ABC) approach, the largest freeboard improvement, and an aesthetically pleasing appearance as the Town of Minturn's gateway.

Sincerely,

SHORT ELLIOT HENDRICKSON, INC.

Parsa Kolahi, PE
Project Manager, Client Service Manager

Attachments:

1. Bridge Alternatives
2. Cost Comparison
3. Decision Matrix

\\sehinc.com\panzura\pzprojects\ko\m\mintu\178861\4-prelim-dsgn-rpts\feasibility study report\178861_bellm bridge improvement recommendation memo_town council meeting.docx

Attachment 1

Bridge Alternatives

Bellm Bridge

Town of Minturn, CO

Date: 9/26/2024

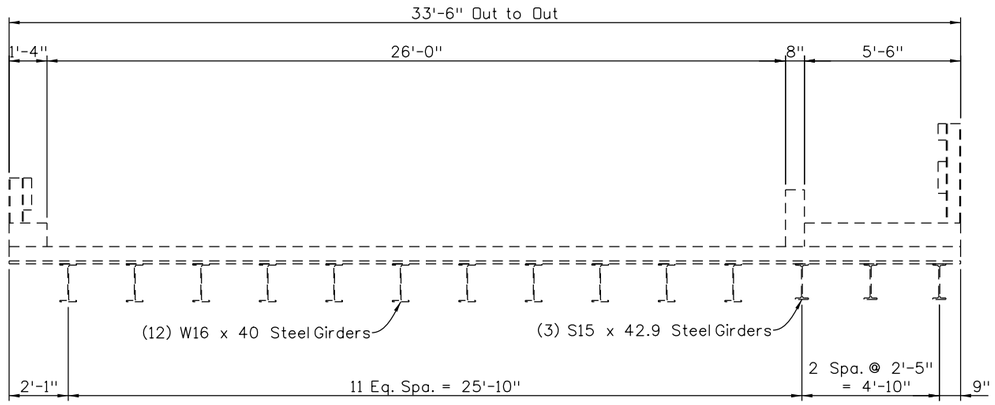
Prepared by:

Alternative 1	**Bridge Rehabilitation:** - Replace bridge deck, bridge rails, bridge sidewalk, and approach guardrail. - Clean and repaint steel girders. - Place channel scour countermeasure around the supports' footings.

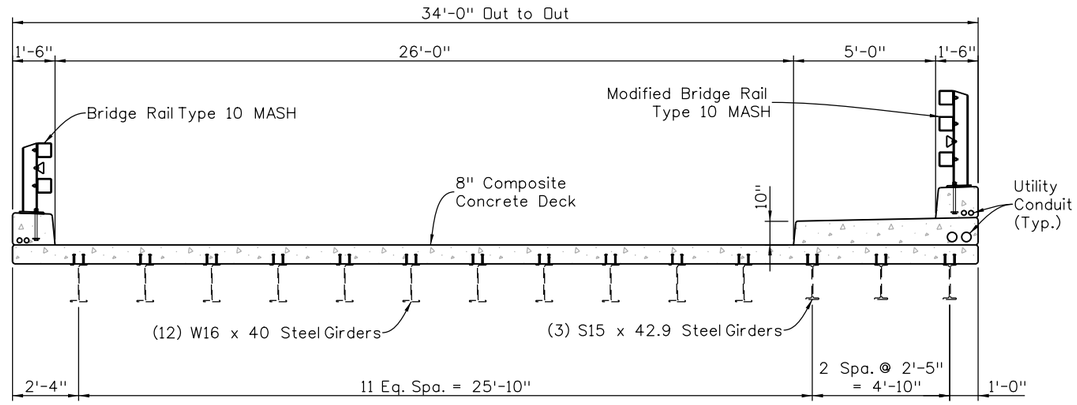


ALTERNATIVE 1

DECK REPLACEMENT

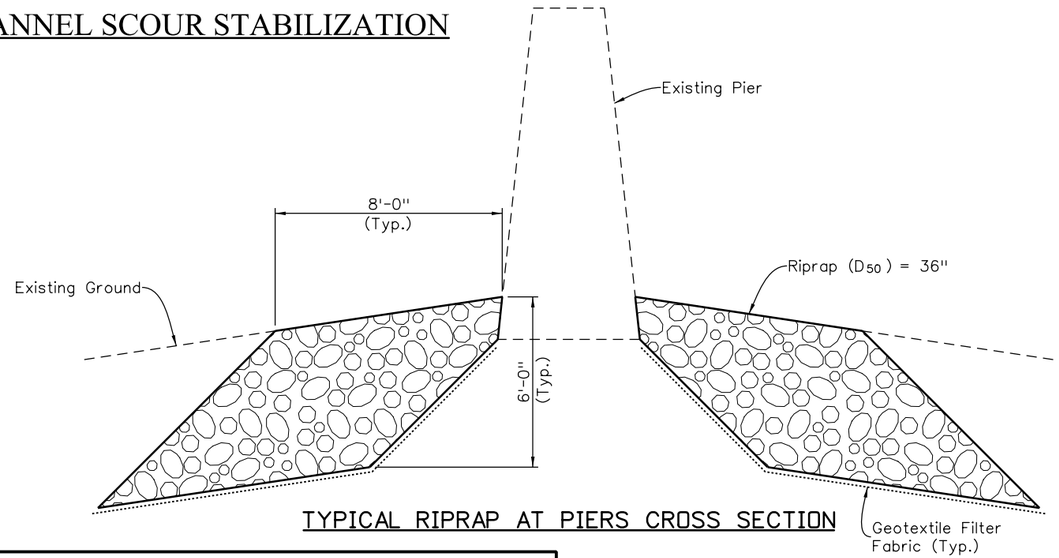


EXISTING TYPICAL SECTION
(Looking North)

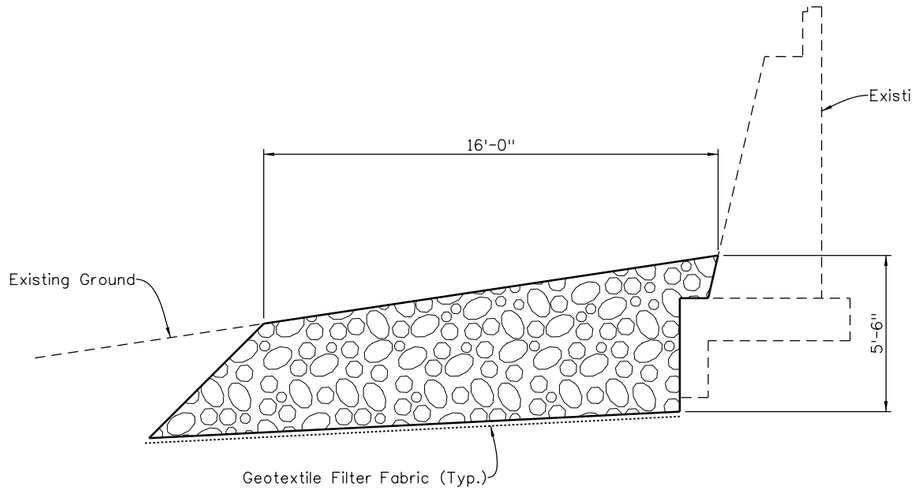


PROPOSED TYPICAL SECTION
(Looking North)

CHANNEL SCOUR STABILIZATION



TYPICAL RIPRAP AT PIERS CROSS SECTION



TYPICAL RIPRAP AT ABUTMENTS CROSS SECTION

CONCEPTUAL DESIGN NOT FOR CONSTRUCTION

Print Date: 10/10/2024	Sheet Revisions	Town of Minturn Public Works Department	As Constructed
File Name: 178661_ALT1.dgn	Date: / Comments / Init.	Minturn Town Hall, 302 Pine Street, Minturn, CO 81645	No Revisions:
Horiz. Scale: 1:5.3333 Vert. Scale: As Noted		(970) 445-2416	Revised:
Unit Information Unit Leader Initials			Void:
Short Elliott Hendrickson Inc., Colorado Center Tower One, Suite 6000, 2000 South Colorado Boulevard, Denver, CO 80222-7900, Tele. (720) 540-6800, (800) 490-4966, Fax (720) 540-6801			

ALTERNATIVE 1			Project No./Code
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Detailer: DS			-
Sheet Subset: ALT	Subset Sheets: 1 of 9		Sheet Number

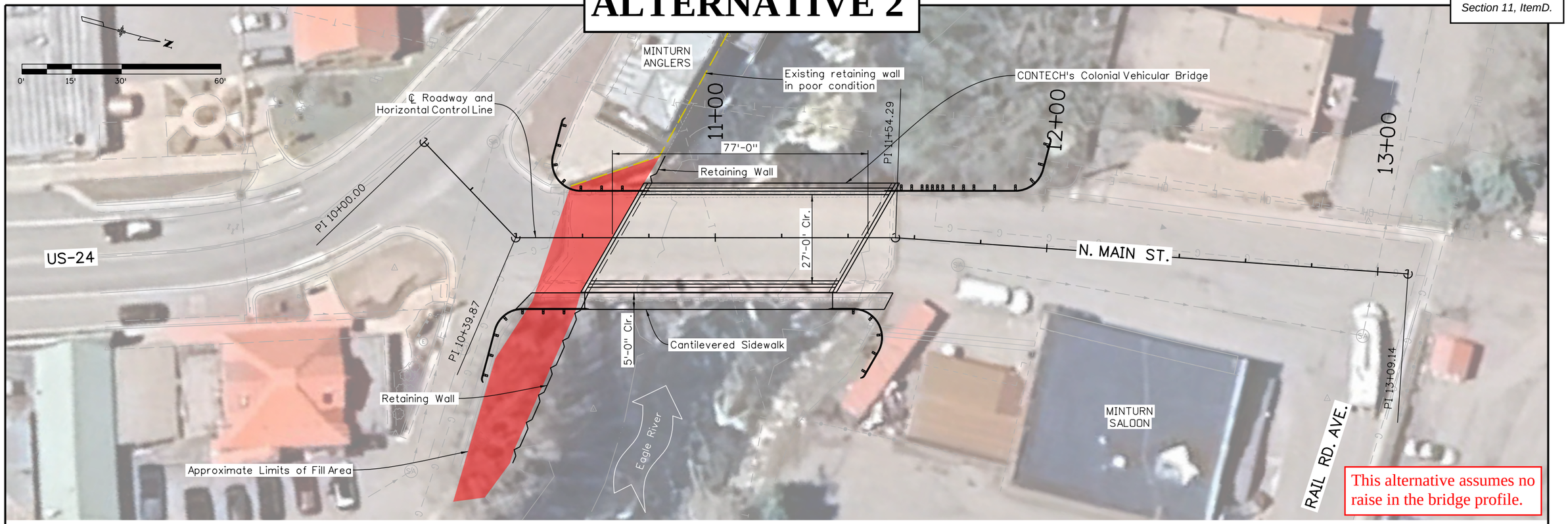
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Alternative 2

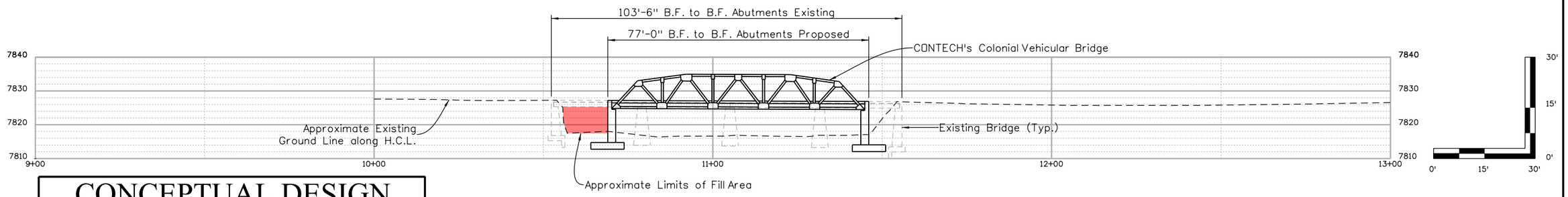
Bridge Replacement:
- Remove the existing bridge and replace it with a **single span prefabricated truss** bridge.



ALTERNATIVE 2



PLAN



PROFILE

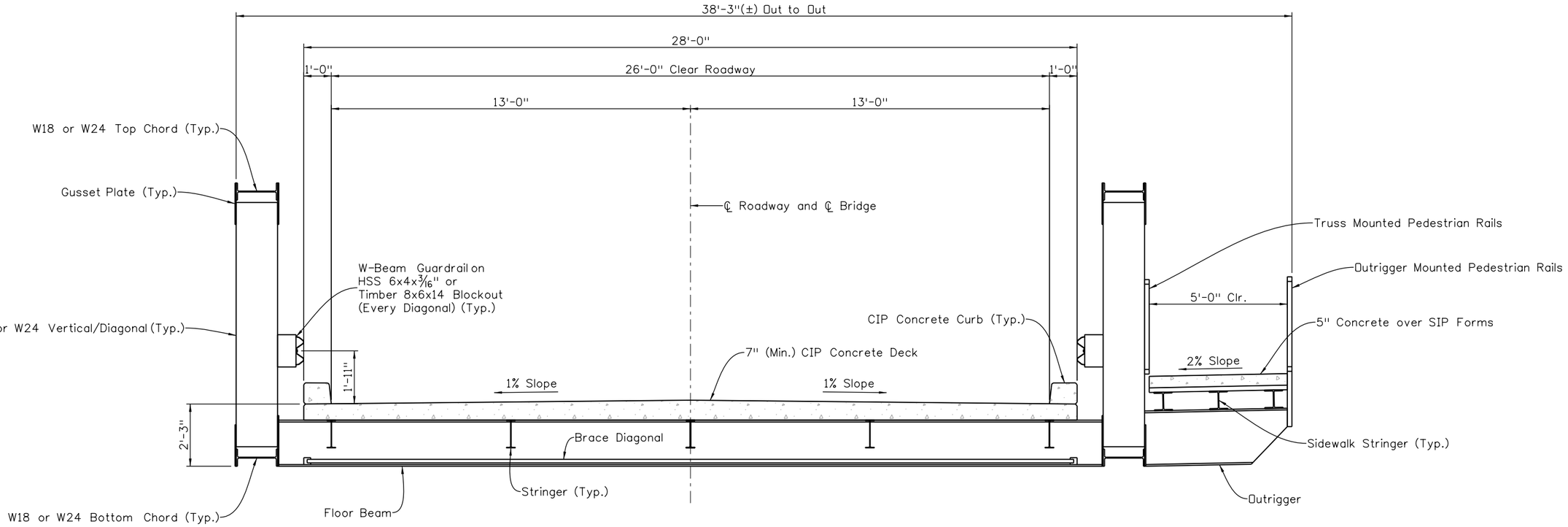
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Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801					

ALTERNATIVE 2 PLAN AND PROFILE				Project No./Code
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ALTERNATIVE 2



ALTERNATIVE 2 - BRIDGE TYPICAL SECTION

(Looking North)

CONCEPTUAL DESIGN
NOT FOR CONSTRUCTION

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Unit Information Unit Leader Initials						Void:
Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801						

ALTERNATIVE 2 BRIDGE TYPICAL SECTION				Project No./Code
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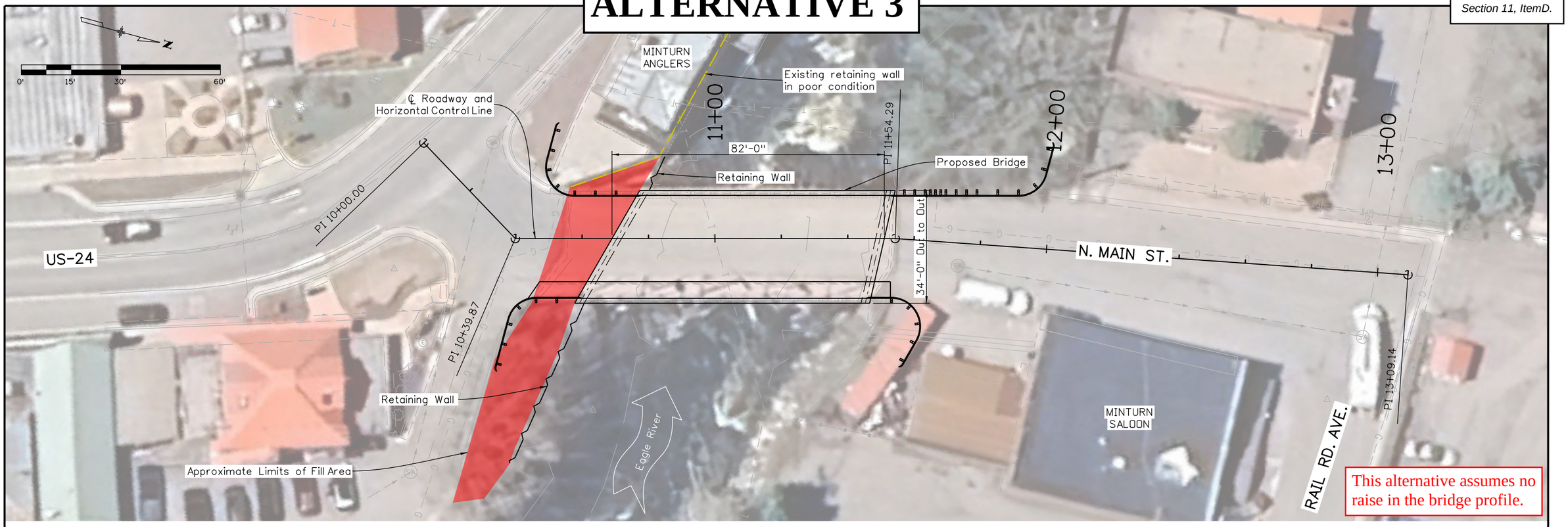
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Alternative 3

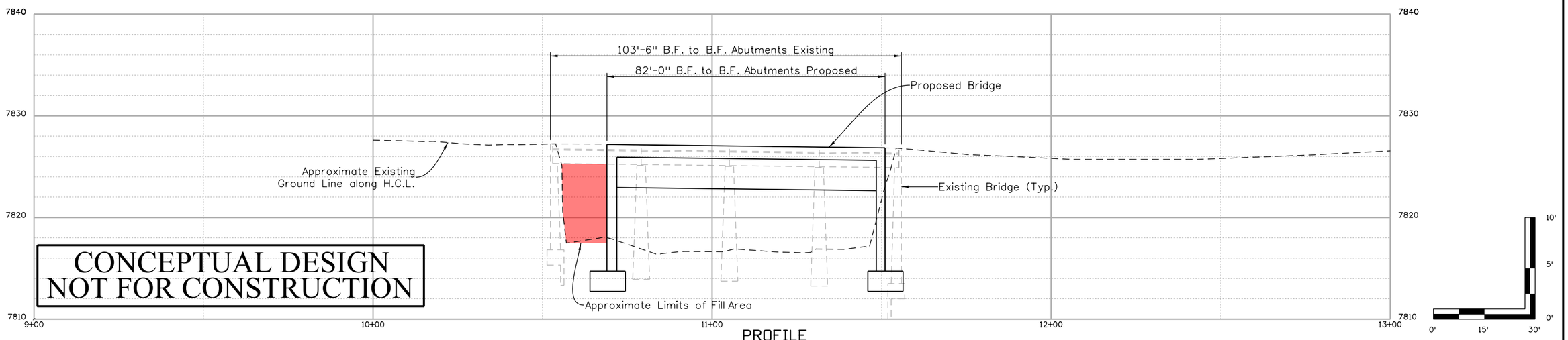
Bridge Replacement:
- Remove the existing bridge and replace it with a **single span steel girder** bridge.



ALTERNATIVE 3



PLAN



PROFILE

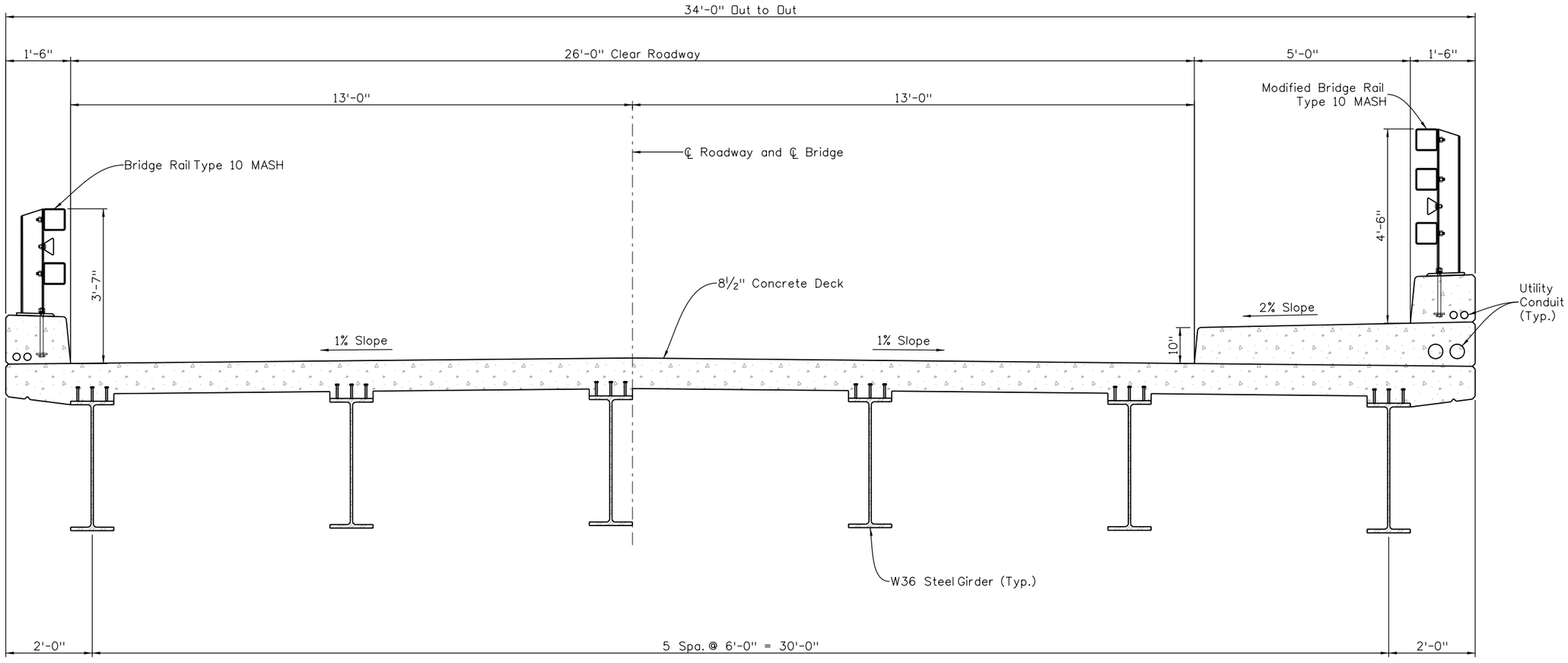
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Unit Information Unit Leader Initials					Void:	Sheet Subset: ALT
Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801						Structure Numbers: MINTRN-TAYLORST Subset Sheets: 4 of 9

Project No./Code: 178861 | - | Sheet Number

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ALTERNATIVE 3



ALTERNATIVE 3 - BRIDGE TYPICAL SECTION
(Looking North)

CONCEPTUAL DESIGN
NOT FOR CONSTRUCTION

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Unit Information Unit Leader Initials					Void:
Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801					

ALTERNATIVE 3 BRIDGE TYPICAL SECTION				Project No./Code
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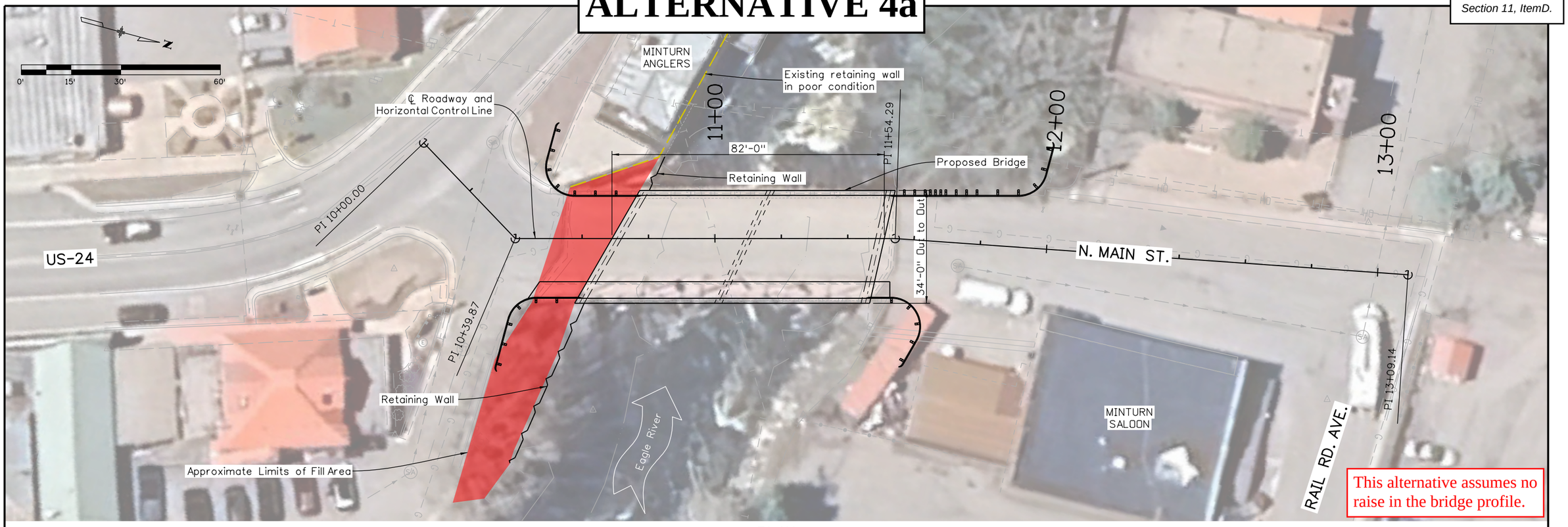
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Alternative 4a

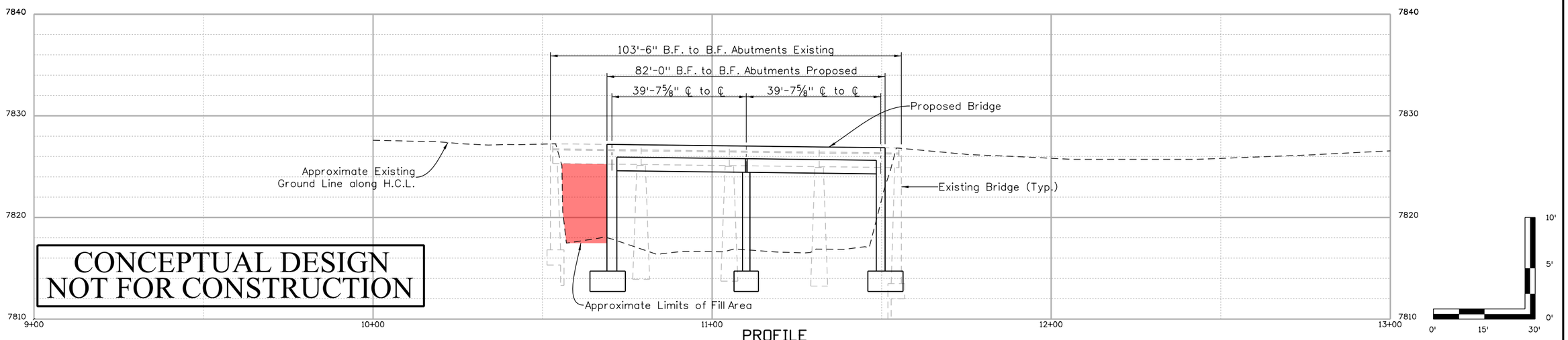
Bridge Replacement:
- Remove the existing bridge and replace it with a **two-span steel girder** bridge.



ALTERNATIVE 4a



PLAN



PROFILE

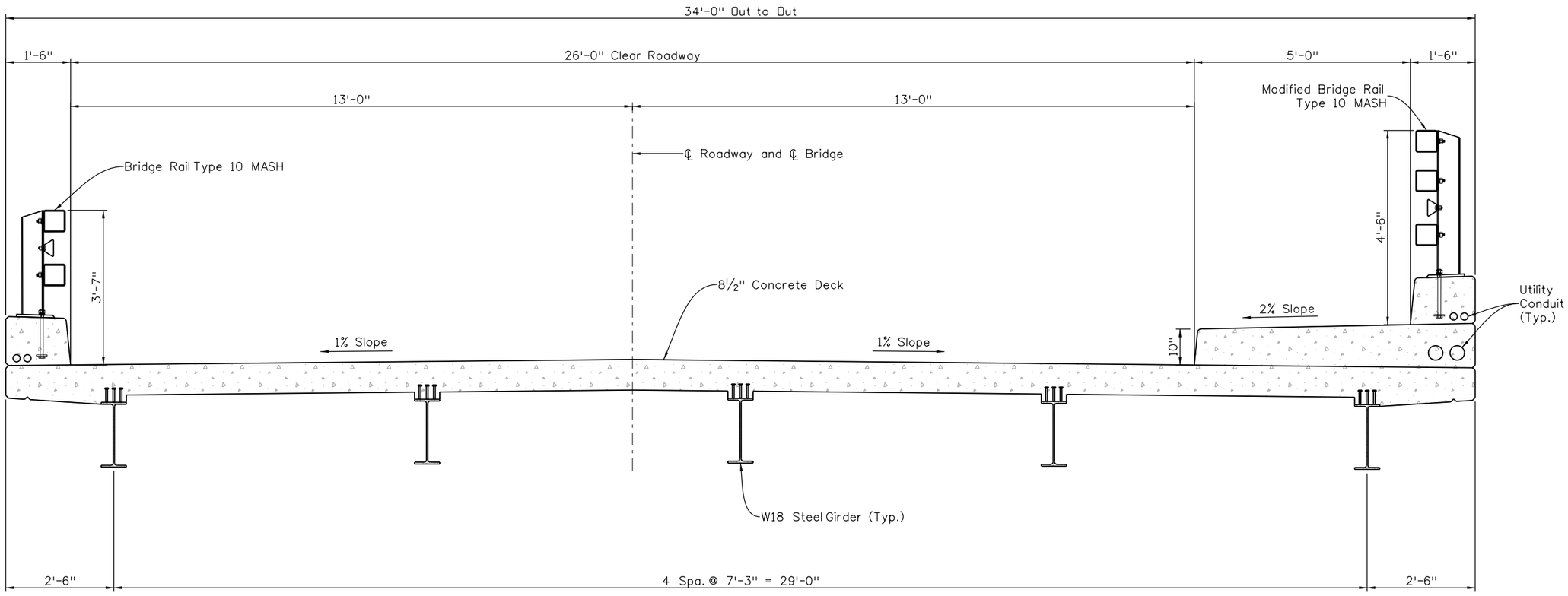
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ALTERNATIVE 4a



ALTERNATIVE 4a - BRIDGE TYPICAL SECTION
(Looking North)

CONCEPTUAL DESIGN
NOT FOR CONSTRUCTION

Print Date: 10/9/2024		Sheet Revisions			Town of Minturn Public Works Department	As Constructed	ALTERNATIVE 4a BRIDGE TYPICAL SECTION	Project No./Code
File Name: 178661_SECTION-ALT4a.dgn		Date:	Comments	Init.	Minturn Town Hall 302 Pine Street Minturn, CO 81645 (970) 445-2416	No Revisions:	Designer: PK	178861
Horiz. Scale: 1:2.66667 Vert. Scale: As Noted						Revised:	Detailer: DS	Structure Numbers: MINTRN-TAYLORST
Unit Information Unit Leader Initials						Void:	Sheet Subset: ALT	Subset Sheets: 7 of 9
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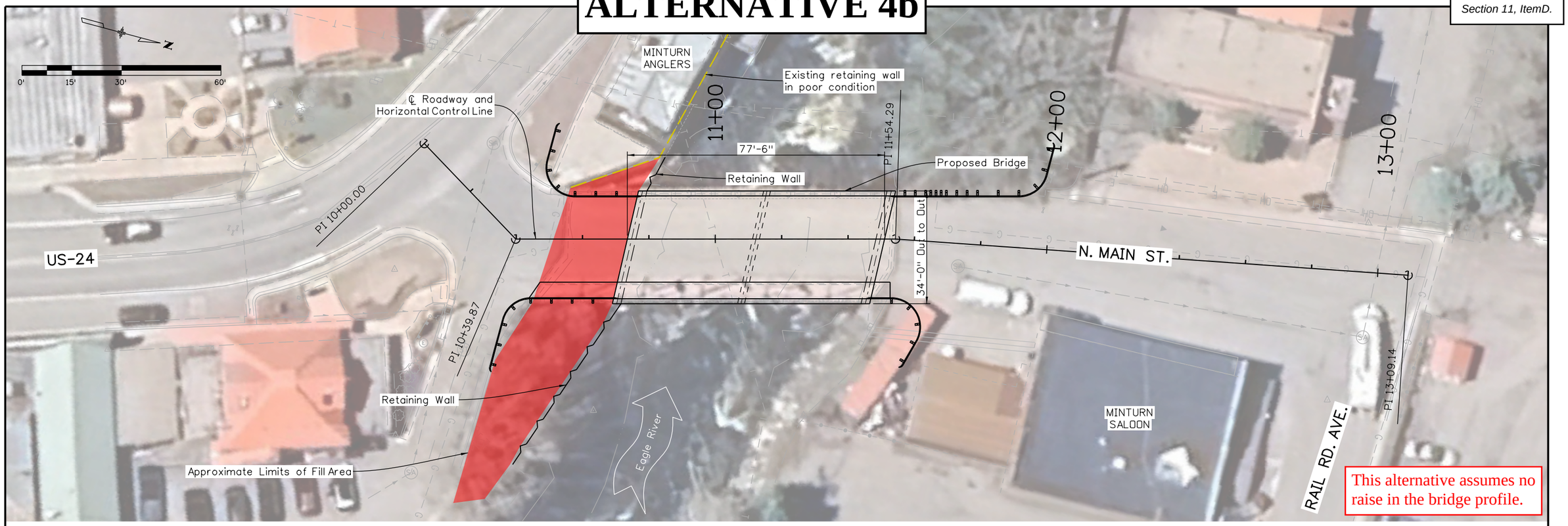
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Alternative 4b

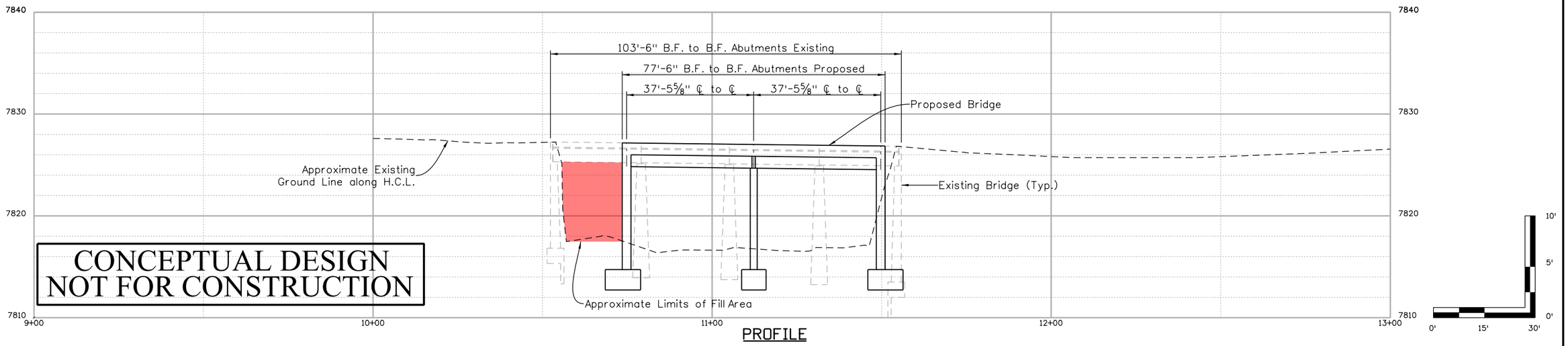
Bridge Replacement:
- Remove the existing bridge and replace it with a **two-span prestressed concrete girder** bridge.



ALTERNATIVE 4b



PLAN



PROFILE

CONCEPTUAL DESIGN
NOT FOR CONSTRUCTION

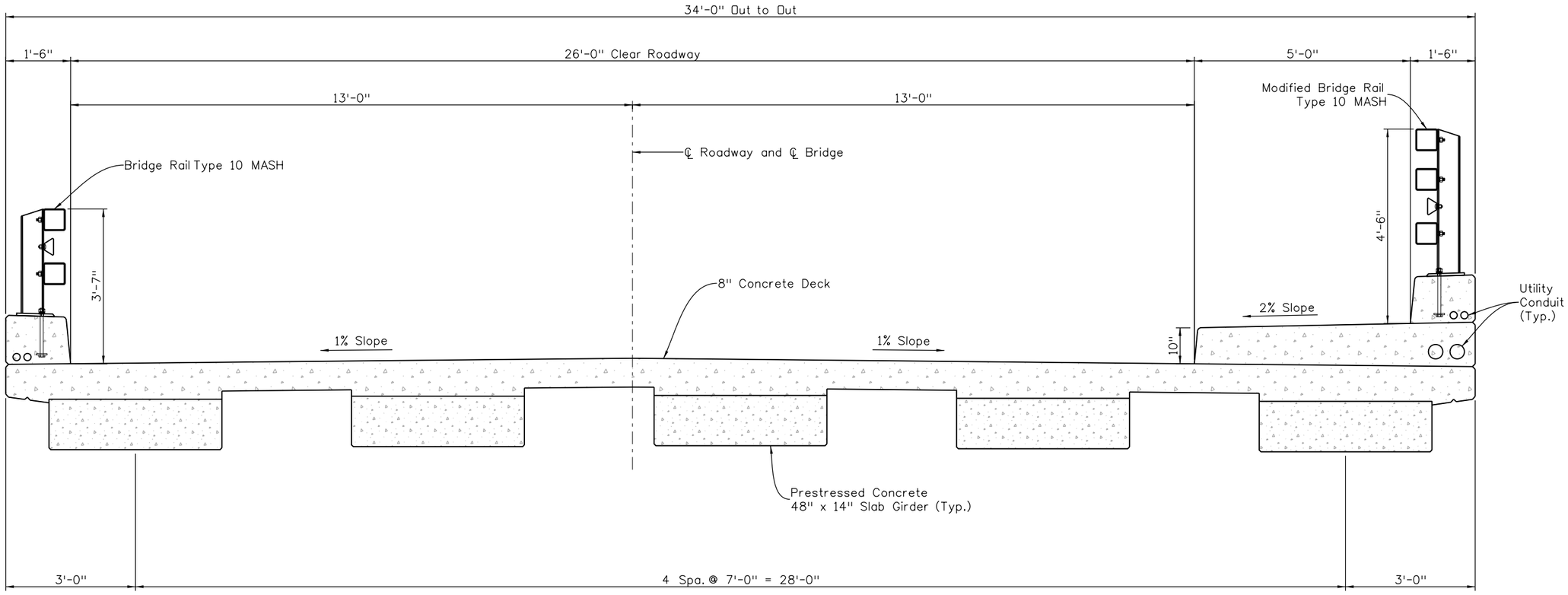
This alternative assumes no raise in the bridge profile.

Print Date: 10/10/2024	Sheet Revisions			Town of Minturn Public Works Department	As Constructed
File Name: 178661_P&P-ALT4b.dgn	Date:	Comments	Init.	Minturn Town Hall 302 Pine Street Minturn, CO 81645 (970) 445-2416	No Revisions:
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Unit Information Unit Leader Initials					Void:
Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801					

ALTERNATIVE 4b PLAN AND PROFILE				Project No./Code
Designer: PK	Structure Numbers	MINTRN-TAYLORST		178861
Detailer: DS				-
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ALTERNATIVE 4b



ALTERNATIVE 4b - BRIDGE TYPICAL SECTION
(Looking North)

CONCEPTUAL DESIGN
NOT FOR CONSTRUCTION

Print Date: 10/3/2024		Sheet Revisions			Town of Minturn Public Works Department	As Constructed	ALTERNATIVE 4b BRIDGE TYPICAL SECTION	Project No./Code
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Horiz. Scale: 1:2.66667 Vert. Scale: As Noted						Revised:	Detailer: DS	-
Unit Information Unit Leader Initials						Void:	Sheet Subset: ALT / Subset Sheets: 9 of 9	Sheet Number
Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801								

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Attachment 2

Bridge Alternative Cost Comparison

Bellm Bridge

Town of Minturn, CO

Date: 9/26/2024

Prepared by:

Anticipated average annual inflation rate	4.00%
Maintenance cost increase per year due to aging	3.00%
Anticipated Rehabilitation Service Life	13
Anticipated Replacement Service Life	75
Years Until 1st Construction Phase	2
Years Until 2nd Construction Phase	14

	Alternative 1 Rehab	**Alternative 2** Truss	**Alternative 3** Single Span Steel	**Alternative 4a** Two-Span Steel	**Alternative 4b** Two-Span Concrete
Estimated SEH Design Cost (in 2025)*	$ 327,470	$ 347,220	$ 514,110	$ 575,610	$ 440,820
Bridge Only Construction Cost	$ 1,913,601	$ 3,114,823	$ 3,346,441	$ 3,341,461	$ 2,810,184
Erosion Control Cost	$ 133,952	$ 155,741	$ 167,322	$ 167,073	$ 140,509
Traffic Control Cost	$ 229,632	$ 373,779	$ 501,966	$ 501,219	$ 337,222
Town Utility Protection/Relocation Cost	$ 10,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
Mobilization Cost	$ 287,040	$ 467,223	$ 501,966	$ 501,219	$ 421,528
Construction Engineering Cost	$ 325,312	$ 373,779	$ 501,966	$ 501,219	$ 421,528
Contingency Cost	$ 434,931	$ 540,641	$ 604,759	$ 603,863	$ 498,117
Current Construction Cost (in 2024)	$ 3,334,468	$ 5,045,986	$ 5,644,421	$ 5,636,054	$ 4,649,088
Total Construction Cost (in 2026)	**$ 3,606,560**	**$ 5,457,738**	**$ 6,105,006**	**$ 6,095,956**	**$ 5,028,453**
Total Construction Cost (in 2038)	N/A	$ 8,738,015	$ 9,774,311	$ 9,759,822	$ 8,050,715
Maintenance Cost / Year (in 2024)	$ 25,000	$ 10,000	$ 10,000	$ 10,000	$ 7,000
Maintenance Cost after Rehab / Year (in 2024)	$ 12,000	N/A	N/A	N/A	N/A
Maintenance Costs at the end of year 2	$ 54,080	N/A	N/A	N/A	N/A
Maintenance Costs at the end of year 14	$ 433,194	$ 360,995	$ 360,995	$ 360,995	$ 252,696

		Projected Const. + Maint. Costs in 2038	**Approx. Remaining Service Life in 2038**	**Scenario Description**
Scenario 1	Alternative 1	$ 4,093,834	1 years	Construction in 2026 + Maint. Costs Until 2038
Scenario 2	Alternative 2	$ 5,872,813	63 years	Construction in 2026 + Maint. Costs Until 2038
Scenario 3	Alternative 3	$ 6,520,081	63 years	Construction in 2026 + Maint. Costs Until 2038
Scenario 4	Alternative 4a	$ 6,511,031	63 years	Construction in 2026 + Maint. Costs Until 2038
Scenario 5	Alternative 4b	$ 5,335,229	63 years	Construction in 2026 + Maint. Costs Until 2038
Scenario 6	Alternative 1 + Alternative 2	$ 12,777,768	75 years	Rehab in 2026 + Maint. Costs Until 2038, Replace in 2038
Scenario 7	Alternative 1 + Alternative 3	$ 13,814,065	75 years	Rehab in 2026 + Maint. Costs Until 2038, Replace in 2038
Scenario 8	Alternative 1 + Alternative 4a	$ 13,799,576	75 years	Rehab in 2026 + Maint. Costs Until 2038, Replace in 2038
Scenario 9	Alternative 1 + Alternative 4b	$ 12,090,469	75 years	Rehab in 2026 + Maint. Costs Until 2038, Replace in 2038

*Design costs are preliminary and intended for informational purposes only. Design costs include project management, structure design, hydraulic design, erosion control design, SWMP, utility locating and coordination, environmental permitting, geotechnical investigation, services during bidding, and Other Direct Costs (ODCs).

Attachment 3

Bridge Alternative Decision Matrix

Bellm Bridge (Taylor St over Eagle River)
Town of Minturn, CO
Date: 10/10/2024

Prepared by: SEH

Weight (Typ.) 1 - 10 based on importance

	Alternatives	8	Construction Cost	5	ROW Impacts	9	Aesthetics	6	Hydraulic Parameters	3	Channel / Environmental Impacts	7	Longevity	8	Constructability	7	Construction Duration	8	Maintenance Costs	10	Load Capacity and Safety	Overall Ranking (33-100)
Rehabilitation	**Alternative 1** **Deck Replacement Scour Repair**	Green	Lowest construction cost compared to the replacement options, because this Alternative does not include bridge removal or new substructure and superstructure, which are typically high-value items.	Green	No ROW impacts are anticipated for this alternative.	Yellow	A new bridge deck, sidewalk, and rails as well as a fresh paint on the girders can significantly improve the new bridge appearance while the existing piers represent the historical characteristic of the structure.	Red	The existing bridge has the lowest freeboard[1] value and the least desirable hydraulic conveyance due to the piers' layout. This alternative does not significantly alter the geometric characteristics of the channel, hydraulic opening, or existing piers.	Red	Debris containment criteria during deck replacement and in-water construction activities will likely require additional permits and clearances. Additional permits may also increase project duration and/or agency review times. This alternative requires the most in-channel construction work.	Red	The proposed rehabilitation work is intended to improve superstructure service life and address scour in channel. Substructure is believed to significantly reduce the overall service life of the bridge. No improvements to the substructure seem economically justified at this time. This alternative does not address the adjacent concrete retaining wall at southwest corner of bridge that is currently in poor condition.	Red	This rehabilitation scope includes deck replacement which requires a temporary containment system preventing construction debris from falling into channel. Scour repair may require extensive earthwork within channel, maintaining structural stability of the piers during excavation, and complete dewatering of the river prior to construction, which can be challenging and costly.	Red	An accurate estimate of the construction duration for bridge rehabilitation projects is challenging due to frequent unexpected issues that often arise during construction. This inherent uncertainty, the extensive in-channel construction work, and potential need for multiple dewatering/diversion phases are the reasons for the low score assigned to this factor.	Red	Higher maintenance costs are expected even after a bridge rehabilitation due to the age of steel girders and the concrete substructure.	Yellow	New bridge rails and sidewalk provide safer conditions for pedestrian and vehicular traffic using the structure. However, the load capacity of the girders are limited to the existing members, unless additional structural improvements are added to the rehabilitation scope.	**54.5**
Replacement	**Alternative 2** **Pre-fabricated Steel Truss**	Yellow	Second lowest construction cost among the replacement options due to shorter construction duration and lower superstructure costs (pre-fabricated steel segments delivered to construction site vs on-site assembly of bridge members).	Yellow	Due to the congested construction site and surrounding buildings and obstacles, ROW impacts seem inevitable for this proposed alternative.	Green	Visible truss structure provides aesthetic element with open framework of members. Weathering steel is known for its unique, rustic appearance thanks to a natural patina that is developed over time, blending harmoniously with nature and the surrounding environment.	Green	This alternative proposes the most ideal hydraulic parameters for the following reasons: - No intermediate piers. - Shallower structure depth leading to the largest freeboard improvement without raising the roadway profile.	Green	Single span bridges often involve less in-water construction activity, reducing the disturbance to aquatic habitats and water quality during construction. With fewer piers, there is less long-term impact on the riverbed and aquatic ecosystems.	Green	The design life of a new bridge is 75 years, according to the AASHTO LRFD Bridge Design Specifications. All replacement options address the adjacent concrete retaining wall at southwest corner of bridge that is currently in poor condition.	Green	These bridges are designed for rapid on-site assembly due to the pre-fabrication of components. Pre-fabricated components can be large and heavy, requiring careful planning for transportation and lifting. Replacement alternatives may require temporary shoring and precise utility coordination.	Green	CONTECH's truss products qualify as an Accelerated Bridge Construction (ABC) method because they are pre-fabricated and modular, allowing for rapid on-site assembly and installation. This approach significantly reduces construction time and minimizes traffic disruptions. This option also has no intermediate piers, reducing construction time in channel.	Green	Generally lower than traditional steel bridges due to the use of weathering steel, which forms a protective rust layer that reduces the need for painting and other maintenance.	Green	All new structures are designed according to the latest AASHTO LRFD Specifications and CDOT Bridge Design Manual.	**93.9**
	Alternative 3 **Single Span Steel Girder**	Red	Alternatives 3 and 4a have the highest construction costs due to higher cost of structural steel and longer construction duration for on-site assemblies. This alternative includes an intermediate concrete pier supported on deep foundation that also contributes to total construction cost.	Yellow	Due to the congested construction site and surrounding buildings and obstacles, ROW impacts seem inevitable for this proposed alternative.	Yellow	Girder bridges are often considered less aesthetically pleasing than trusses because they lack the intricate and open framework. However, a newly constructed bridge, regardless of structure type, will certainly improve the appearance at this crossing.	Red	Although offers no intermediate supports within channel, this alternative has the largest structure depth which significantly reduces the bridge freeboard. If the profile of the road could be raised, this option may be more feasible, but because of the approach alignment raising the road does not appear to be feasible.	Green	Single span bridges often involve less in-water construction activity, reducing the disturbance to aquatic habitats and water quality during construction. With fewer piers, there is less long-term impact on the riverbed and aquatic ecosystems.	Green	The design life of a new bridge is 75 years, according to the AASHTO LRFD Bridge Design Specifications. All replacement options address the adjacent concrete retaining wall at southwest corner of bridge that is currently in poor condition.	Yellow	Steel girders typically require precise alignment and connection of girders. Transporting long steel girders can be challenging, and on-site welding requires skilled labor and safety precautions. Replacement alternatives may require temporary shoring and precise utility coordination.	Yellow	Longest anticipated construction duration. Steel girder bridges often require more extensive on-site assembly and welding, which can extend the construction timeline. This option also has no intermediate piers, reducing construction time in channel.	Yellow	Higher than pre-fabricated truss bridges, especially if not using weathering steel. Regular painting and protective coatings are necessary to prevent corrosion. The use of galvanized steel can reduce maintenance costs for a higher upfront cost of material.	Green	All new structures are designed according to the latest AASHTO LRFD Specifications and CDOT Bridge Design Manual.	**69.5**
	Alternative 4a **Two-Span Steel Girder**	Red	Alternatives 3 and 4a have the highest construction costs due to higher cost of structural steel and longer construction duration for on-site assemblies. This alternative includes an intermediate concrete pier supported on deep foundation that also contributes to total construction cost.	Yellow	Due to the congested construction site and surrounding buildings and obstacles, ROW impacts seem inevitable for this proposed alternative.	Yellow	Girder bridges are often considered less aesthetically pleasing than trusses because they lack the intricate and open framework. However, a newly constructed bridge, regardless of structure type, will certainly improve the appearance at this crossing.	Yellow	An intermediate support in the channel divides the bridge into two shorter spans which allows for shallower girders compared to a clear span of the same structure type.	Yellow	Bridges with intermediate piers involve more construction activity within the channel causing disturbance to aquatic habitats. This may require temporary dewatering and/or diversion and monitoring the water quality during construction.	Green	The design life of a new bridge is 75 years, according to the AASHTO LRFD Bridge Design Specifications. All replacement options address the adjacent concrete retaining wall at southwest corner of bridge that is currently in poor condition.	Red	Steel girders typically require precise alignment and connection of girders. Transporting long steel girders can be challenging, and on-site welding requires skilled labor and safety precautions. Replacement alternatives may require temporary shoring and precise utility coordination. Alternatives 4a and 4b will likely require temporary dewatering and/or diversion for pier construction.	Red	Longest anticipated construction duration. Steel girder bridges often require more extensive on-site assembly and welding, which can extend the construction timeline. Intermediate pier increases construction duration due to in-channel work including dewatering and/or diversion.	Red	See Alternative 3. Additionally, the intermediate pier can increase the potential for scour and erosion and create more opportunities for debris accumulation.	Green	All new structures are designed according to the latest AASHTO LRFD Specifications and CDOT Bridge Design Manual.	**60.1**
	Alternative 4b **Two-Span PS Concrete Girder**	Yellow	Lowest construction cost among the replacement options due to shorter construction duration and lower superstructure fabrication costs.	Yellow	Due to the congested construction site and surrounding buildings and obstacles, ROW impacts seem inevitable for this proposed alternative.	Yellow	Girder bridges are often considered less aesthetically pleasing than trusses because they lack the intricate and open framework. However, a newly constructed bridge, regardless of structure type, will certainly improve the appearance at this crossing.	Yellow	An intermediate support in the channel divides the bridge into two shorter spans which allows for shallower girders compared to a clear span of the same structure type.	Yellow	Bridges with intermediate piers involve more construction activity within the channel causing disturbance to aquatic habitats. This may require temporary dewatering and/or diversion and monitoring the water quality during construction.	Green	The design life of a new bridge is 75 years, according to the AASHTO LRFD Bridge Design Specifications. All replacement options address the adjacent concrete retaining wall at southwest corner of bridge that is currently in poor condition.	Red	Prestressed concrete girders are pre-fabricated, transported to site, and lifted into place, which requires heavy lifting equipment. Transporting and handling heavy concrete girders require planning and specialized equipment. Replacement alternatives may require temporary shoring and precise utility coordination. Alternatives 4a and 4b will likely require temporary dewatering and/or diversion for pier construction.	Yellow	Prestressed concrete girders can be pre-fabricated off-site and then transported to the construction site for quick assembly, reducing on-site construction time. In contrast, steel girder bridges often require more extensive on-site assembly and welding, which can extend the construction timeline. Intermediate pier increases construction duration due to in-channel work including dewatering and/or diversion.	Yellow	Maintenance cost is typically lower than steel bridges due to the durability of concrete and resistance to corrosion. Also requires less frequent maintenance compared to steel bridges. However, the intermediate pier can increase the potential for scour and erosion and create more opportunities for debris accumulation.	Green	All new structures are designed according to the latest AASHTO LRFD Specifications and CDOT Bridge Design Manual.	**70.9**

Green	Best performance of the design alternative for the decision matrix criteria.	**Green = 3**
Yellow	Intermediate performance between green and red of the design alternative for the decision matrix criteria.	**Yellow = 2**
Red	Worst performance of the design alternative for the decision matrix criteria.	**Red = 1**

Overall Ranking = Total weighted score for the proposed Alternative

Example calculation of the Overall Ranking (**Alternative 1**)

Step (1) the weight (Construction Cost Weight = 8) is converted to a percentage: (weight / sum of all weights) x 100 = (8 / 71) x 100 = 11.27%
Step (2) the calculated percentage is multiplied by the assigned score (Construction Cost Score = 3 for Green): 11.27 x 3 = 33.8
Step (3) previous steps are repeated for all other key factors and the sum of results is calculated: 33.8 + 21.1 + 25.4 + 8.5 + 4.2 + 9.9 + 11.3 + 9.9 + 11.3 + 28.2 = 163.4
Step (4) then the value calculated in Step (3) is divided by the highest possible score (3 for Green) to calculate the **Overall Ranking** between 33 and 100: 163.4 / 3 = **54.5**

[1] Freeboard is the vertical distance between the design water surface elevation (typically for the 100-year flood event) and the lowest point of the bridge superstructure, typically referred to as "bridge low chord". This clearance is crucial for accommodating hydrologic uncertainties, wave action, ice, and debris. Freeboard for the 100-year flood event with the existing bridge conditions is estimated to be -0.76. The negative amount means that the water surface elevation of the 100-year event is higher than bridge low chord.

FOR INFORMATION ONLY

Alternative 1 - Bridge Rehabilitation

Deck/railing/sidewalk replacement, scour repair, steel girder cleaning and re-coating

Item No.	Description	Unit	Quantity	Unit Price	Cost
202	Removal of Asphalt Mat	SY	67	$ 35	$ 2,333
202	Removal of Bridge Railing	LF	204	$ 15	$ 3,060
202	Removal of Guardrail	LF	65	$ 20	$ 1,300
202	Removal of Portions of Present Structure (Bridge Curb and Sidewalk)	LS	1	$ 7,000	$ 7,000
202	Removal of Portions of Present Structure (Deck)	SF	3324	$ 13	$ 43,212
202	Sandblasting	SF	4641	$ 15	$ 69,615
203	Unclassified Excavation	CY	250	$ 95	$ 23,750
211	Temporary Dewatering/Cofferdam	LS	1	$ 350,000	$ 350,000
403	Hot Mix Asphalt (Special)	TON	19	$ 20	$ 370
420	Geotextile	SY	376	$ 5	$ 1,878
506	Riprap (36 Inch)	CY	905	$ 450	$ 407,250
508	Paint Structural Steel (Girders) (Special)	LF	1428	$ 120	$ 171,360
509	Structural Steel (Headed Studs)	LB	7300	$ 25	$ 182,500
518	Bridge Expansion Device	LF	74	$ 390	$ 28,782
601	Concrete Class D (Bridge Deck, Bridge Sidewalk)	CY	106	$ 1,850	$ 196,708
602	Reinforcing Steel (Epoxy Coated) (Bridge Deck, Bridge Sidewalk)	LB	10633	$ 2.5	$ 26,582
606	Bridge Rail Type 10 MASH	LF	204	$ 400	$ 81,600
606	End Anchorage Type 3K	EACH	4	$ 3,800	$ 15,200
606	Guardrail Type 3 (6-3 Post Spacing)	LF	70	$ 130	$ 9,100
606	Transition Type 3G	EACH	4	$ 5,500	$ 22,000
606	Transition Type 3J	EACH	4	$ 5,000	$ 20,000
607	Scaffolding, Containment, and Disposal	LS	1	$ 250,000	$ 250,000
					$ 1,913,601

FOR INFORMATION ONLY

Alternative 2 - Bridge Replacement: Single Span Prefabricated Steel Truss

Item No.	Description	Unit	Quantity	Unit Price	Cost
202	Removal of Bridge	LS	1	$ 400,000	$ 400,000
202	Removal of Asphalt Mat	SY	160	$ 35	$ 5,600
202	Removal of Guardrail	LF	65	$ 20	$ 1,300
206	Filter Material (Class B)	CY	34	$ 300	$ 10,133
206	Mechanical Reinforcement of Soil	CY	365	$ 90	$ 32,832
206	Structure Backfill (Class 1)	CY	365	$ 120	$ 43,776
206	Structure Backfill (Class 2)	CY	17	$ 200	$ 3,378
206	Structure Excavation	CY	304	$ 120	$ 36,480
203	Unclassified Excavation	CY	160	$ 95	$ 15,200
206	Temporary Excavation Support	LS	1	$ 403,200	$ 403,200
211	Temporary Dewatering/Cofferdam	LS	1	$ 350,000	$ 350,000
403	Hot Mix Asphalt (Special)	TON	50	$ 350	$ 17,596
502	Steel Piling (HP 12x74)	LF	160	$ 160	$ 25,600
506	Riprap (36 Inch)	CY	701	$ 450	$ 315,259
601	Concrete Class D (Bridge)	CY	131	$ 1,850	$ 242,819
602	Reinforcing Steel (Epoxy Coated)	LB	17645	$ 2.5	$ 44,111
601	Concrete Retaining Wall	SF	495	$ 250	$ 123,750
606	End Anchorage Type 3K	EACH	4	$ 3,800	$ 15,200
606	Guardrail Type 3 (6-3 Post Spacing)	LF	70	$ 130	$ 9,100
606	Transition (Special)	EACH	4	$ 6,000	$ 24,000
606	Transition Type 3J	EACH	4	$ 5,000	$ 20,000
950	Prefabricated Steel Truss Bridge (by CONTECH®)	LS	1	$ 650,325	$ 650,325
950	Truss Erection	LS	1	$ 325,163	$ 325,163
					$ 3,114,823

FOR INFORMATION ONLY

Alternative 3 - Bridge Replacement: Single Span Steel Girder

Item No.	Description	Unit	Quantity	Unit Price	Cost
202	Removal of Bridge	EACH	1	$ 400,000	$ 400,000
202	Removal of Asphalt Mat	SY	136	$ 35	$ 4,760
202	Removal of Guardrail	LF	65	$ 20	$ 1,300
206	Filter Material (Class B)	CY	30	$ 300	$ 9,067
206	Mechanical Reinforcement of Soil	CY	326	$ 90	$ 29,376
206	Structure Backfill (Class 1)	CY	326	$ 120	$ 39,168
206	Structure Backfill (Class 2)	CY	15	$ 200	$ 3,022
206	Structure Excavation	CY	272	$ 120	$ 32,640
203	Unclassified Excavation	CY	228	$ 95	$ 21,674
206	Temporary Excavation Support	LS	1	$ 403,200	$ 403,200
211	Temporary Dewatering/Cofferdam	LS	1	$ 350,000	$ 350,000
403	Hot Mix Asphalt (Special)	TON	45	$ 350	$ 15,744
502	Steel Piling (HP 12x74)	LF	140	$ 160	$ 22,400
506	Riprap (36 Inch)	CY	228	$ 450	$ 102,667
509	Structural Steel	LB	107453	$ 15	$ 1,611,792
512	Bearing Device (Type I)	EACH	6	$ 3,500	$ 21,000
512	Bearing Device (Type II)	EACH	6	$ 8,500	$ 51,000
601	Concrete Class D (Bridge)	CY	168	$ 1,850	$ 311,528
602	Reinforcing Steel (Epoxy Coated)	LB	21182	$ 2.5	$ 52,954
601	Concrete Retaining Wall	SF	525	$ 250	$ 131,250
606	Bridge Rail Type 10MASH	LF	164	$ 400	$ 65,600
606	End Anchorage Type 3K	EACH	4	$ 3,800	$ 15,200
606	Guardrail Type 3 (6-3 Post Spacing)	LF	70	$ 130	$ 9,100
606	Transition Type 3G	EACH	4	$ 5,500	$ 22,000
606	Transition Type 3J	EACH	4	$ 5,000	$ 20,000
					$ 3,346,441

FOR INFORMATION ONLY

Alternative 4a - Bridge Replacement: 2-Span Steel Girder

Item No.	Description	Unit	Quantity	Unit Price	Cost
202	Removal of Asphalt Mat	SY	136	$ 35	$ 4,760
202	Removal of Bridge	EACH	1	$ 400,000	$ 400,000
202	Removal of Guardrail	LF	65	$ 20	$ 1,300
206	Filter Material (Class B)	CY	30	$ 300	$ 9,067
206	Mechanical Reinforcement of Soil	CY	326	$ 90	$ 29,376
206	Structure Backfill (Class 1)	CY	326	$ 120	$ 39,168
206	Structure Backfill (Class 2)	CY	15	$ 200	$ 3,022
206	Structure Excavation	CY	272	$ 120	$ 32,640
203	Unclassified Excavation	CY	342	$ 95	$ 32,511
206	Temporary Excavation Support	LS	1	$ 403,200	$ 403,200
211	Temporary Dewatering/Cofferdam	LS	1	$ 450,000	$ 450,000
403	Hot Mix Asphalt (Special)	TON	45	$ 350	$ 15,744
502	Steel Piling (HP 12x74)	LF	480	$ 160	$ 76,800
506	Riprap (36 Inch)	CY	342	$ 450	$ 154,000
509	Structural Steel	LB	52152	$ 15	$ 782,280
512	Bearing Device (Type I)	EACH	5	$ 3,500	$ 17,500
512	Bearing Device (Type II)	EACH	10	$ 8,500	$ 85,000
601	Concrete Class D (Bridge)	CY	252	$ 1,850	$ 465,472
602	Reinforcing Steel (Epoxy Coated)	LB	30588	$ 2.5	$ 76,471
601	Concrete Retaining Wall	SF	525	$ 250	$ 131,250
606	Bridge Rail Type 10MASH	LF	164	$ 400	$ 65,600
606	End Anchorage Type 3K	EACH	4	$ 3,800	$ 15,200
606	Guardrail Type 3 (6-3 Post Spacing)	LF	70	$ 130	$ 9,100
606	Transition Type 3G	EACH	4	$ 5,500	$ 22,000
606	Transition Type 3J	EACH	4	$ 5,000	$ 20,000
					$ 3,341,461

FOR INFORMATION ONLY

Alternative 4b - Bridge Replacement: 2-Span PS Concrete Girder

Item No.	Description	Unit	Quantity	Unit Price	Cost
202	Removal of Asphalt Mat	SY		$ 35	$ -
202	Removal of Bridge	EACH	1	$ 400,000	$ 400,000
202	Removal of Guardrail	LF	65	$ 20	$ 1,300
206	Filter Material (Class B)	CY	30	$ 300	$ 9,067
206	Mechanical Reinforcement of Soil	CY	326	$ 90	$ 29,376
206	Structure Backfill (Class 1)	CY	326	$ 120	$ 39,168
206	Structure Backfill (Class 2)	CY	15	$ 200	$ 3,022
206	Structure Excavation	CY	272	$ 120	$ 32,640
203	Unclassified Excavation	CY	342	$ 95	$ 32,511
206	Temporary Excavation Support	LS	1	$ 403,200	$ 403,200
211	Temporary Dewatering/Cofferdam	LS	1	$ 450,000	$ 450,000
403	Hot Mix Asphalt (Special)	TON	45	$ 350	$ 15,744
502	Steel Piling (HP 12x74)	LF	480	$ 160	$ 76,800
506	Riprap (36 Inch)	CY	342	$ 450	$ 154,000
512	Bearing Device (Type I)	EACH	30	$ 3,500	$ 105,000
601	Concrete Class D (Bridge)	CY	255	$ 1,850	$ 471,871
602	Reinforcing Steel (Epoxy Coated)	LB	30934	$ 2.5	$ 77,336
601	Concrete Retaining Wall	SF	525	$ 250	$ 131,250
606	Bridge Rail Type 10MASH	LF	164	$ 400	$ 65,600
606	End Anchorage Type 3K	EACH	4	$ 3,800	$ 15,200
606	Guardrail Type 3 (6-3 Post Spacing)	LF	70	$ 130	$ 9,100
606	Transition Type 3G	EACH	4	$ 5,500	$ 22,000
606	Transition Type 3J	EACH	4	$ 5,000	$ 20,000
618	Prestressed Concrete Slab (Depth 14 Inch)	SF	1640	$ 150	$ 246,000
					$ 2,810,184

TOWN OF MINTURN, COLORADO
RESOLUTION NO. 53 – SERIES 2024

A RESOLUTION IN SUPPORT OF THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) OFF-SYSTEM BRIDGE PROGRAM (BRO) FUNDING FOR THE PLANNING AND DESIGN OF THE REPLACEMENT OF THE BELLM BRIDGE (MINTRN-TAYLORST) WITHIN THE TOWN OF MINTURN, COLORADO

WHEREAS, The Town of Minturn, recognizing the importance of maintaining safe and efficient infrastructure, has determined that the planning and design for the replacement of the Bellm Bridge, an off-system bridge (MINTRN-TAYLORST), is crucial to ensuring the success of future construction efforts aimed at public safety and transportation efficiency; and

WHEREAS, the current condition of the Bellm Bridge has been assessed and determined to be in need of replacement due to scouring, structural deficiencies, safety concerns, and its inability to meet current transportation demands; and

WHEREAS, the Off-System Bridge Program (BRO) administered by Colorado Department of Transportation (CDOT) offers funding opportunities for infrastructure improvements, including the planning and design for the replacement and rehabilitation of deficient bridges; and

WHEREAS, the Town of Minturn is committed to providing a local match of 20% of the total project cost for the planning and design phase as required by the grant guidelines; and

WHEREAS, the CDOT, grant administrator, requests notice of support of any such grant prior to receipt; and

WHEREAS, The Town of Minturn estimates the total cost of the planning and design phase for the Bellm Bridge replacement project is $373,779, of which the Town of Minturn is committed to providing $75,955.80 as local match resources, equivalent to 20%, with the remaining $297,823 to be requested through the Off-System Bridge Program, and

WHEREAS, the Town of Minturn believes that the planning and design phase will lay a critical foundation for the successful and efficient replacement of the Bellm Bridge, thereby significantly enhancing the long-term functionality of the local transportation system;

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO:

1. The Minturn Town Council supports any potential grant awarded by Colorado Department of Transportation to the Town of Minturn for the planning and design phase of the Bellm Bridge replacement.
2. The Minturn Town Council commits to providing the required 20% local match for the planning and design phase, and
3. The Town of Minturn has the capacity and expertise to execute the planning and

design project upon grant award.

INTRODUCED, READ, APPROVED, ADOPTED AND RESOLVED this 16th day of October 2024.

TOWN OF MINTURN

By:_____
Earle Bidez, Mayor

ATTEST:

_____
Jay Brunvand, Town Clerk

To: Mayor and Council
From: Madison Harris, Planner I
Date: October 10, 2024
Agenda Item: Review of Conditional Use Permits held on the Railroad Property

REQUEST:
Discuss current Conditional Use Permits (CUP) held on the Railroad Property.

INTRODUCTION:
As agreed upon in the terms attached to each Conditional Use Permit held on the Railroad Property that was issued in 2018 and 2020, and renewed in 2021, part of terms is *"Lessees to meet with Town Council every 3 years for CUP review."* It has been 3 years since the renewals of the CUPs.

ANALYSIS:
Staff suggests that there be a review of the Conditional Use Permits that are held on the Railroad Property and for it to be determined whether or not the existing conditions are clear and communicative on how to address any issues that should arise for both the CUP holders as well as Staff.

COMMUNITY INPUT:
Ongoing.

BUDGET / STAFF IMPACT:
TBD.

STRATEGIC PLAN ALIGNMENT:
The Town Council's actions with regard to the public process of reviewing these Conditional Use Permits, particularly when focused on ensuring that conditions attached support a realistic, fair and consistent treatment aligns with the following key strategies:

PRACTICE FAIR, TRANSPARENT AND COMMUNICATIVE LOCAL GOVERNMENT

The Town will seek to make informed, data-based decisions with a standard of "doing it right." With an honest approach to all aspects of local government and a focus on the public process, the Town Council and staff are committed to serving Minturn with the honesty and integrity expected of a small-town government.

SUSTAIN AND INVEST IN THE THINGS THAT DEFINE MINTURN AS A PROUD, STURDY MOUNTAIN TOWN TO "KEEP MINTURN MINTURN"

The ability for Minturn to approach development as resilient, sustainable, creative and diverse will allow the town to continue embracing what has "made Minturn, Minturn." The town can further leverage its crossroads location as a valley-wide benefit and competitive advantage.

RECOMMENDED ACTION OR PROPOSED MOTION:
Approve the following resolutions:

1. Resolution 54 – Series 2024: A resolution approving the renewal of Conditional Use Application CU 02 – 2018 for Cozzens Construction

2. Resolution 55 – Series 2024: A resolution approving the renewal of Conditional Use Application CU 01 – 2018 for Minturn Builders Alliance Cooperative
3. Resolution 56 – Series 2024: A resolution approving the renewal of Conditional Use Application CU 03 – 2018 for Burke Harrington Construction
4. Resolution 57 – Series 2024: A resolution approving the renewal of Conditional Use Application CU 01 – 2020 for Burke Harrington Construction and Darin Tucholke

ATTACHMENTS:

- Staff report
- Resolution 54 – Series 2024
- Resolution 55 – Series 2024
- Resolution 56 – Series 2024
- Resolution 57 – Series 2024

Minturn Planning Department
Minturn Town Center
302 Pine Street
Minturn, Colorado 81645

Minturn Planning Commission
Chair – Lynn Teach
Jeff Armistead
Michael Boyd
Amanda Mire
Eric Rippeth
Darell Wegert

2024 Union Pacific Railroad Property Conditional Use Permit Reviews: Cozzens Construction, Minturn Builders Alliance, Burke Harrington Construction, and Burke Harrington Construction and Darin Tucholke

Overview of Zoning, the CUP Process, and Enforcement Issues

Zoning: Game Creek Character Area PUD Holding Zone

Staff: Madison Harris, Planner I

Staff Report

I. Overview:

The following sections outline the Conditional Use Permit review process, the requirements and necessary findings of the Minturn Municipal Code, and a summary of enforcement chronology and issues associated with historic storage and parking uses on leased Union Pacific Railroad (UP) property located on the north side of the Town.

This overview is provided for the Council's benefit and use in reviewing four separate CUPs for parking and contractor storage uses occurring on the UP property. Importantly, the standards and findings listed below are germane to each of the four CUP reviews before the Council at the October 16, 2024 regular meeting.

II. Background:

In 2017, the Minturn Town Council listed compliance and enforcement of the Minturn Municipal Code, as well as adherence to recommendations of the 2009 Community Plan, as a priority for the entire town. In doing so, the Council also focused on uses and, in certain instances, ongoing code enforcement and nuisance-related issues occurring at the UP properties located within the "Game Creek Character Area PUD Holding Zone District" which is generally situated north of the Eagle River Inn and Saloon buildings, west of Taylor Avenue, and east of the Eagle River.

In order to address such issues and concerns, the Town initiated outreach to existing leaseholders on UP property in 2017 with several existing lease holders operating contractor storage, as well as commercial uses (Turn Table Restaurant and lodging uses) on UP property with the goal to allow

those uses to continue, but only via the approval of Conditional Use Permits (CUPs) as a means to regulate those uses more closely through the imposition and enforcement of "conditions" or standards for storage (fencing, screening, parking, hours of operation, for instance).

According to the Minturn Municipal Code, any uses occurring on the UP properties – located within the "Game Creek Character Area PUD Holding Zone District" - require the approval of a Planned Unit Development (PUD), or, if master planning the UP property is not proposed, a Conditional Use Permit. Unfortunately, UP has been largely uninvolved in the CUP process; typically, UP executes leases for various lease areas within the railroad property without communication with the Town, leaving the Town to discover 1) new leases and uses occurring in the railyard through code enforcement activity, and 2) changes in lessors (subleasing) making it difficult for the Town to determine who to contact as a matter of code compliance.

After an extensive public process with hours of public comments submitted, Conditional Use Permits were ultimately issued in late 2018 for the following business entities operating with leases on the UP property:

- Burke Harrington Construction (BHC)
- Happy Hammer Carpentry (Cozzens Construction)
- The Turntable Restaurant / Minturn Mountain Motel
- Minturn Builders Alliance Cooperative (MBA)

Three CUPs (BHC, Cozzens Construction, and MBA) were approved with the following conditions or standards:

1. Request that only business- related items related to the expressed business be located on leased property. No vehicle shall exceed 40' 2" in length.
2. No recreational vehicles or ATV' s of any kind. Not limited to boats, snowmobiles, ATV' s. RV' s, campers, pop-ups, conversion vans, trailers, un-related work vehicles, etc.
3. No inoperable / unlicensed vehicles kept on property for longer than five (5) days. Sec. 7-2-70.
4. Leased lots to be maintained in a clean and orderly condition, permitting no deposit or accumulation of refuse or materials other than those ordinarily attendant upon the use for which such premises are legally intended. Sec. 7- 4- 50.
5. Lessees are to maintain business in contained areas only.
6. Annual report by the Code Compliance Officer to Council — re: Violations
    a. 3 violations in 1 year
    b. Recommendation to Council to revoke CUP
7. Lessees to meet with Town Council every 3 years for CUP review.
    a. Report from Code Compliance Office
    b. Report from Planning Director
8. Hours of operation: 7 days a week. 7:00 a.m. to 7:00 p.m.
9. Maintain noise and vibration standards. Sec. 16-18-30
10. All leased areas to be fenced and screened (Green covering) on all perimeter fencing of leased property
11. Supplies, parking, vehicles, and equipment within fenced area or designated leased area only

12. Proper fuel containment/inspected by Eagle River Fire Protection District for small volume (less than 100 gallons) in OSHA approved containers.
13. All parking must be done within the fenced yard and/or building
14. Any chemical storage will require material safety data sheets. No chemical storage within 30’ river setback
15. Emergency access of 20’ through the yard and at both access gates
16. Off-season use will require site storage of snow and keeping emergency access cleared.
    a. Maintain proper snow storage or sufficient snow removal
17. Conditional use granted as long as the applicant complies with the conditions and has a valid lease agreement with the owner of the property.
18. Town staff inspects the site for compliance at any time.

One CUP (BHC/Darin Tucholke – Issued 2020) was approved with the following conditions or standards:

1. All material representations made by the Applicant as part of the application and during public hearings on the matter shall become conditions of approval and enforceable by the Town.
2. Only business-related items related to the expressed business activities approved with this CUP shall be located on leased property. No vehicle shall exceed 40' 2" in length. This restriction does not apply to storage containers that may be used for storage of materials and equipment associated with or incidental to the business operations approved under this CUP. Such container(s) must be maintained in an orderly manner; must be contained and screened to the greatest extent possible with fencing and green mesh screening materials; and, shall not be stacked.
3. No recreational vehicles or ATVs of any kind are permitted within lease areas. Such restriction includes but is not limited to boats, snowmobiles, ATVs, RV's, campers, pop-ups campers, conversion vans, as well as trailers, and/or vehicles unrelated to the permitted business activities.
4. No inoperable or unlicensed vehicles are to be kept on the property for longer than five (5) days (pursuant to Section 7-2-70 Minturn Municipal Code).
5. Leased lots associated with the CUP are to be maintained in a clean and orderly condition, permitting no deposit or accumulation of refuse or materials other than those ordinarily attendant upon the use for which such premises are legally intended (pursuant to Section 7- 4- 50 Minturn Municipal Code).
6. CUP holders are to maintain and conduct business within the lease areas associated with the approved and valid CUP only.
7. Each CUP will be subject to annual review by the Town staff with regard to compliance with the terms of use and conditions of approval associated with the CUP. The Town staff shall provide a report to the Town Council following such annual review. The report shall, in a general manner, provide updates on the following:
    a. Any violations or other incidences requiring staff response and Town resources out of the ordinary course of Town business and services.
    b. Compliance with the overall terms of use permitted by the CUP as well as observations regarding the condition of the lease/CUP area.
    c. Any changes in i) Lessee/Sub-Lessee; and, ii) uses within CUP area.
    d. Any recommendation to Council to amend, suspend or revoke the CUP.

8. Lessees are required to meet with the Town Council every three (3) years for CUP review. The review shall include but not be limited to inspections by Town staff and the following reporting:
    a. Report from Code Compliance Office
    b. Report from Planning Director
9. Hours of operation: 6 days per week (M-Sat); 7:00 a.m. to 7:00 p.m., unless otherwise approved by the Town Council as part of the CUP approval and terms of use on a case by case basis.
10. All uses and occupancy associated with activities approved for each individual CUP shall adhere at all times with the noise and vibration standards of the Town (pursuant to Section 16-18-30, Minturn Municipal Code).
11. All leased areas associated with the CUP must be fenced and screened (green mesh screening materials) along the perimeter of leased property.
12. Supplies, parking, vehicles, and equipment associated with the approved CUP and business activities therein shall be located only within fenced and screened areas.
13. Proper fuel containment (to be inspected by Eagle River Fire Protection District for small volumes (less than 100 gallons) shall be required in OSHA approved containers.
14. All parking must be located within the fenced yard and/or building(s) associated with the approved CUP.
15. Any chemical storage will require material safety data sheets be maintained on the lease site at all times. No chemical storage is permitted within the 30' live stream setback areas along the Eagle River and/or Game Creek.
16. Emergency access of 20' through the Union Pacific railyard and at both access gates shall be maintained.
17. Off-season use will require site storage of snow and keeping emergency access cleared.
    a. Maintain proper snow storage or sufficient snow removal.
18. Conditional Use Permit is granted conditional upon the applicant complying with these standards and so long as the grantee maintains a valid lease agreement with the owner of the property.
19. Town staff may inspect the site for compliance at any time.

In 2021 the four CUPs mentioned (BHC, BHC/Darin Tucholke, Cozzens Construction, and MBA) went through the renewal process, and updated all of their conditions to be as follows:

1. No vehicle shall exceed 40'2" in length. This restriction does <u>not</u> apply to storage containers that may be used for storage of materials and equipment associated with or incidental to the business operations approved under this CUP. Such container(s) must be maintained in an orderly manner; must be contained and screened to the greatest extent possible with fencing and green mesh screening materials; and, shall not be stacked.
2. No storage of RV's, campers, pop-ups, conversion vans, trailers, or similar camping related vehicles is permitted. Storage of snowmobiles, ATV's, dirt bikes, and other personal recreational vehicles is permitted.
3. No inoperable or unlicensed vehicles are to be kept on the property for longer than five (5) days. (Pursuant to Section7-2-70 Minturn Municipal Code).
4. Leased lots associated with the CUP are to be maintained in a clean and orderly condition, permitting no deposit or accumulation of refuse or materials other than those ordinarily attendant upon the use for which such premises are legally intended. (Pursuant to Section 7-4-50 Minturn Municipal Code).

5. CUP holders are to maintain and conduct business within the lease areas associated with the approved and valid CUP only.
6. Violations. The following schedule of fines for violations not remedied within 30 days:
    a. The first violation will be fined $100.
    b. The second violation will be fined $250.
    c. The third and subsequent violations will be fined $500.
7. Each CUP will be subject to annual review by the Town staff with regard to compliance with the terms of use and conditions of approval associated with the CUP. The Town staff shall provide a report to the Town Council following such annual review. The report shall, in a general manner, provide updates on the following:
    a. Any violations or other incidences requiring staff response and Town resources out of the ordinary course of Town business and services. A violation will only be counted if the infraction has not been corrected within 30 days of notice being sent to the CUP holder.
    b. Compliance with the overall terms of use permitted by the CUP as well as observations regarding the condition of the lease/CUP area.
    c. Any changes in i) Lessee/Sub-Lessee; and, ii) uses within CUP area.
    d. At staff's discretion, a recommendation may be made to Council to revoke the CUP having accumulated three violations in a calendar year (Jan 1 to Dec 31).
8. Lessees are required to meet with the Town Council every three (3) years for CUP review. The review shall include but not be limited to inspections by Town staff and the following reporting:
    a. Report from Code Compliance Office
    b. Report from Planning Department
9. Hours of operation: 7 days a week. 7:00 a.m. to 7:00 p.m.
10. Uses must be in compliance with the applicable laws, including Minturn Municipal Code, state and federal law. A violation of any law within the permitted premises shall be considered a violation of the CUP.
11. All uses and occupancy associated with activities approved for each individual CUP shall adhere at all times with the noise and vibration standards of the Town (pursuant to Section 16-18-30, Minturn Municipal Code).
12. All leased areas associated with the CUP must be fenced and screened (green mesh screening materials) along the perimeter of leased property.
13. Supplies, parking, vehicles, truck containers, and equipment within fenced area or designated leased area only.
14. Proper fuel containment / inspected by Eagle River Fire Protection District for small volume (less than 100 gallons) in OSHA approved containers.
15. All overnight parking must be done within the fenced yard and/or building(s) associated with the approved CUP.
16. Any chemical storage will require material safety data sheets. No chemical storage within 30' live stream setback areas along the Eagle River and/or Game Creek.
17. Emergency access of 20' through the Union Pacific railyard and at both access gates shall be maintained.
18. Off-season use will require site storage of snow and keeping emergency access cleared.
    a. Maintain proper snow storage or sufficient snow removal
19. Conditional use granted as long as the applicant complies with the conditions and has a valid lease agreement with the owner of the property.

20. Town staff inspects the site for compliance at any time.

III. Staff Findings and Analysis:

The following section provides staff responses to each of the applicable Conditional Use criteria.

a. The relationship and impact of the use on the community development objectives of the Town.

Staff Response:
Under Chapter 1: Smart Land Use & Practical Zoning of the 2023 Imagine Minturn Community Plan (the Town's comprehensive plan), the Recommended Town Zoning Detail Map on pg. 24 calls out this area as Mixed-Use 1 which is recommended as – *"The intent for this area is to contain a mix of residential and commercial uses, in a pedestrian-oriented environment in keeping with Minturn's historic character"*

Under Chapter 3: An Economically Vibrant Community of the 2023 Plan, it states, in part, that *"In Minturn, construction and related trades make up almost 40% of jobs in the town compared to 10% in Eagle County…Construction and trades again represent a large proportion of businesses, ranging from general contracting and construction businesses to heavy construction, as well as high-end custom woodworking, cabinetry, and flooring"*

In 2018, the intent of the Town – working *with* existing lease holders to identify and propose solutions to existing conditions and issues – was to conduct the CUP process so that existing uses could continue as a means to protect existing business operations in the Town while also allowing the Town to regulate such uses and enforce Town Code provisions for safety, nuisances, and general aesthetics. Ultimately, the goals of this process were to:

- Maintain the diversity and mix of businesses
- Contribute to the year-round economy
- Protect the health, safety, welfare, and the aesthetics of the town.

Testimony and participation at public hearings before approval of the CUPs led to the development of the contractor storage standards and terms of use that were attached to the CUPs as conditions of approval.

In accordance with the terms of CUP approvals for the contractor storage uses on UP property, the Town is conducting reviews of each existing CUP.

b. The effect of the use on distribution of population, transportation, utilities, schools, parks and recreational facilities and other public facilities and public facility needs.

Staff Response:
The current operations on UP property, inclusive of parking and requested storage uses within the lease boundaries, have minimal material impact or effect on the distribution of population, transportation, utilities, schools, parks and recreational facilities and other public facilities and/or needs.

c. The effect upon traffic, with particular reference to congestion, automotive and pedestrian safety, traffic flow and control, access, maneuverability and snow removal.

Staff Response:

Use of the leased areas for contractor storage associated with an existing business in close proximity to an existing storage site does not result in a material increase in local traffic, congestion, pedestrian safety, traffic flow and control, access, maneuverability and snow removal in the immediate vicinity of the subject property.

d. The effect upon the character of the area in which the proposed use is to be located, including the scale and bulk of the proposed use in relation to surrounding uses, the amount of noise, lighting and glare, dust and compatibility of the use with the Character Area it is in and surrounding areas.

Staff Response:

Until the late 1990's the character of the area in question had been a working railyard. This railyard was established prior to the town becoming incorporated in 1904 and prior to a majority of the homes being built along Taylor Avenue.

Staff believes that the main factor impacting the character of the surrounding area or, importantly, the compatibility of the use within the Game Creek Character Area is the visual or aesthetic quality of the lease area. Fencing/screening has been erected around the leased areas boundaries.

e. Necessary findings. The Planning Commission and Town Council shall make the following findings before making a recommendation or decision that a conditional use permit be granted:

1. That the proposed location of the use is in accordance with the purposes of this Chapter, the Community Plan and the purposes of the zone in which the site is located.

Staff Response:

Generally, the subject site is located within a historically industrial and commercial area. Yet, Chapter 16 - Zoning of the Minturn Municipal Code describes the character area characteristics for the Game Creek Character PUD Holding Zone as anticipating the discontinuance of industrial uses in favor of commercial and residential re-development:

> *"The Game Creek Character Area is visually prominent from the north entryway into the Town. The area is predominantly devoted to railroad use and will require a comprehensive planning effort prior to redevelopment. In addition to the rail yard, the area contains the Taylor Avenue neighborhood, some commercial uses and a community parking lot. The area is bisected by the railroad right-of-way, which is intended to remain as a continuous transportation corridor. Most of the area lacks adequate street rights-of-way and utilities. The Community Plan has identified this area as an appropriate area for extension of the Old Town commercial core, mixed-use and residential development; however, high impact*

industrial uses are discouraged. Enhancement of the Eagle River corridor is a community priority."

- *Town of Minturn Municipal Code Section 16-12-10*

It should be noted that the Community Plan does provide goals geared toward supporting existing businesses, and the uses proposed for these CUPs primarily include storage within leased areas. As such, staff suggests that the use does not constitute "high impact industrial uses."

2. ***That the proposed location of the use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety or welfare, or materially injurious to properties or improvements in the vicinity.***

Staff Response:
Generally, the location and uses, if properly conditioned, should not be detrimental to the public health, safety or welfare, nor should they be materially injurious to the properties or improvements in the vicinity if the site is maintained in accordance with the standards of the Minturn Municipal Code and any conditions of approval.

3. ***That the proposed use will comply with each of the applicable provisions of this Chapter.***

Staff Response:
If appropriate conditions of approval are attached with any granting of a CUP in this instance, and if such conditions are enforceable (jointly) by the Town and the Applicant, staff believes that this finding can be met.

IV. Items of Note:

Enforcement

During 2023, staff conducted inspections and discovered that all four referenced CUPs in this staff report had unlicensed vehicles on the property and one had a camper. Per their approved CUPs, each CUP holder was given 30 days to correct the issue, otherwise a formal violation notice would be sent. All corrected the issue and so no violations were issued.

Green screening continues to be a struggle, most likely due to the harsh weather conditions i.e. snow, rain, and the occasional gale force winds. Staff notifies the CUP holders when it is noticed that the screening is pulled down or torn up, and they have been responsive to correct the issue within the 30 days given before a formal violation is issued.

CUP Condition 1

This item is specific to the Burke Harrington Construction and Darin Tucholke CUP.

Condition 1 states "No vehicle shall exceed 40'2" in length. This restriction does not apply to storage containers that may be used for storage of materials and equipment associated with or incidental to the business operations approved under this CUP. Such container(s) must be

maintained in an orderly manner; must be contained and screened to the greatest extent possible with fencing and green mesh screening materials; and, shall not be stacked."

Pictured below is a structure of sorts that has been constructed by using the storage containers on either side as support. The structure is about 18" taller than the containers, and so staff does not believe this violates the intent of Condition 1 which limits height within the storage yards by not allowing containers to be stacked and this does not come close to that height, however, staff would like Council's input on whether this should continued to be allowed, or if Condition 1 should be modified to be specific on the height limitations within the storage areas.



V. Staff Recommendation:

Approval with conditions.

Madison Harris

From: david clapp <mixdbclapp@yahoo.com>
Sent: Friday, September 20, 2024 11:29 AM
To: Michelle Metteer; Scot Hunn; Madison Harris
Subject: Railroad/junkyard

Hi Michelle,
I hope you are enjoying the beautiful day! I took these pictures this morning while walking the dog. This is not how Scot described the new plans for the railroad property when we did a walkthrough 6 or 7 years ago. It has turned into personal landfills. Is it time for the every three year town meeting about subject? When it is, could you please advertise it like the Taylor Street paving project? I think there are many concerned residents on Taylor Street that don't want to wait for Minturn North's HOA to have the area cleaned up.
Thank you,
David

Sent from my iPad

Begin forwarded message:

> **From:** David Clapp <mixdbclapp@yahoo.com>
> **Date:** September 20, 2024 at 10:59:06 AM MDT
> **To:** David Clapp <mixdbclapp@yahoo.com>













Sent from my iPhone

TOWN OF MINTURN, COLORADO
RESOLUTION NO. 54 – SERIES 2024

A RESOLUTION RENEWING CONDITIONAL USE APPLICATION CU 02 – 2018 FOR COZZENS CONSTRUCTION, UPRR RAILROAD AVE, TOWN OF MINUTURN

WHEREAS, Cozzens Construction submitted a land use application for a Conditional Use Permit ("CUP") to allow for construction storage in August of 2018; and

WHEREAS, the Town of Minturn (the "Town") granted the requested CUP through Resolution 27 – Series 2018; and

WHEREAS, The Town Council is commissioned with certain powers and duties contained in the Minturn Municipal Code Sec. 16.21.30; and

WHEREAS, public notice was given pursuant to Minturn Municipal Code Sec. 16.21.610; and

WHEREAS, condition 7 of Resolution 27 – Series 2018 requires review and renewal of the CUP on a 3 year basis; and

WHEREAS, the Town Council renewed CU 02 – 2018 via Resolution 41 – Series 2021 on October 20, 2021; and

WHEREAS, The Town Council may approve the renewal as submitted or may approve the renewal subject to such modifications or conditions as it deems necessary to accomplish the purpose of this Article, or the Town Council may deny the renewal including the following findings:

1) Upon receipt of a completed and proper application, the Planning Director shall set a public hearing for the Planning Commission and give public notice as required by this Chapter.

2) Criteria; findings. Before acting on a conditional use permit application, the Planning Commission and Town Council shall consider the following factors with respect to the proposed use:

   a. The relationship and impact of the use on the community development objectives of the Town.

   b. The effect of the use on distribution of population, transportation, utilities, schools, parks and recreational facilities and other public facilities and public facility needs.

   c. The effect upon traffic, with particular reference to congestion, automotive and pedestrian safety, traffic flow and control, access, maneuverability and snow removal.

d. The effect upon the character of the area in which the proposed use is to be located, including the scale and bulk of the proposed use in relation to surrounding uses, the amount of noise, lighting and glare, dust and compatibility of the use with the Character Area it is in and surrounding areas.

e. Necessary findings. The Planning Commission and Town Council shall make the following findings before making a recommendation or decision that a conditional use permit be granted:

1. That the proposed location of the use is in accordance with the purposes of this Chapter, the Community Plan and the purposes of the zone in which the site is located.

2. That the proposed location of the use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety or welfare, or materially injurious to properties or improvements in the vicinity.

3. That the proposed use will comply with each of the applicable provisions of this Chapter.

NOW THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO HEREBY AND HEREWITH:

Section 1. That the renewal for a Conditional Use Permit for File No. CU 02 – 2018 be approved subject to the following conditions:

1. No vehicle shall exceed 40’2” in length. This restriction does not apply to storage containers that may be used for storage of materials and equipment associated with or incidental to the business operations approved under this CUP. Such container(s) must be maintained in an orderly manner; must be contained and screened to the greatest extent possible with fencing and green mesh screening materials; and, shall not be stacked.

2. No storage of RV’s, campers, pop-ups, conversion vans, trailers, or similar camping related vehicles is permitted. Storage of snowmobiles, ATV’s, dirt bikes, and other personal recreational vehicles is permitted.

3. No inoperable or unlicensed vehicles are to be kept on the property for longer than five (5) days. (Pursuant to Section7-2-70 Minturn Municipal Code).

4. Leased lots associated with the CUP are to be maintained in a clean and orderly condition, permitting no deposit or accumulation of refuse or materials other than those ordinarily attendant upon the use for which such premises are legally intended. (Pursuant to Section 7-4-50 Minturn Municipal Code).

5. CUP holders are to maintain and conduct business within the lease areas associated with the approved and valid CUP only.

6. Violations. The following schedule of fines for violations not remedied within 30 days:
    a. The first violation will be fined $100.
    b. The second violation will be fined $250.
    c. The third and subsequent violations will be fined $500.

7. Each CUP will be subject to annual review by the Town staff with regard to compliance with the terms of use and conditions of approval associated with the CUP. The Town staff shall provide a report to the Town Council following such annual review. The report shall, in a general manner, provide updates on the following:
    a. Any violations or other incidences requiring staff response and Town resources out of the ordinary course of Town business and services. A violation will only be counted if the infraction has not been corrected within 30 days of notice being sent to the CUP holder.
    b. Compliance with the overall terms of use permitted by the CUP as well as observations regarding the condition of the lease/CUP area.
    c. Any changes in i) Lessee/Sub-Lessee; and, ii) uses within CUP area.
    d. At staff's discretion, a recommendation may be made to Council to revoke the CUP having accumulated three violations in a calendar year (Jan 1 to Dec 31).

8. Lessees are required to meet with the Town Council every three (3) years for CUP review. The review shall include but not be limited to inspections by Town staff and the following reporting:
    a. Report from Code Compliance Office
    b. Report from Planning Department

9. Hours of operation: 7 days a week. 7:00 a.m. to 7:00 p.m.

10. Uses must be in compliance with the applicable laws, including Minturn Municipal Code, state and federal law. A violation of any law within the permitted premises shall be considered a violation of the CUP.

11. All uses and occupancy associated with activities approved for each individual CUP shall adhere at all times with the noise and vibration standards of the Town (pursuant to Section 16-18-30, Minturn Municipal Code).

12. All leased areas associated with the CUP must be fenced and screened (green mesh screening materials) along the perimeter of leased property.

13. Supplies, parking, vehicles, truck containers, and equipment within fenced area or designated leased area only

14. Proper fuel containment / inspected by Eagle River Fire Protection District for small volume (less than 100 gallons) in OSHA approved containers.

15. All overnight parking must be done within the fenced yard and/or building(s) associated with the approved CUP.

16. Any chemical storage will require material safety data sheets. No chemical storage within 30’ live stream setback areas along the Eagle River and/or Game Creek.

17. Emergency access of 20' through the Union Pacific railyard and at both access gates shall be maintained.

18. Off-season use will require site storage of snow and keeping emergency access cleared.
    a. Maintain proper snow storage or sufficient snow removal

19. Conditional use granted as long as the applicant complies with the conditions and has a valid lease agreement with the owner of the property.

20. Town staff inspects the site for compliance at any time.

INTRODUCED, READ, APPROVED, ADOPTED AND RESOLVED this 16TH day of October, 2024.

TOWN OF MINTURN

By: _____
Earle Bidez, Mayor

ATTEST:

_____
Jay Brunvand, Town Clerk

TOWN OF MINTURN, COLORADO
RESOLUTION NO. 55 – SERIES 2024

A RESOLUTION RENEWING CONDITIONAL USE APPLICATION CU 01 – 2018 FOR MINTURN BUILDERS ALLIANCE COOPERATIVE, UPRR RAILROAD AVE, TOWN OF MINUTURN

WHEREAS, The Minturn Builders Alliance Cooperative submitted a land use application for a Conditional Use Permit ("CUP") to allow for construction storage in August of 2018; and

WHEREAS, the Town of Minturn (the "Town") granted the requested CUP through Resolution 26 – Series 2018; and

WHEREAS, The Town Council is commissioned with certain powers and duties contained in the Minturn Municipal Code Sec. 16.21.30; and

WHEREAS, public notice was given pursuant to Minturn Municipal Code Sec. 16.21.610; and

WHEREAS, condition 7 of Resolution 26 – Series 2018 requires review and renewal of the CUP on a 3 year basis; and

WHEREAS, the Town Council renewed CU 01 – 2018 via Resolution 40 – Series 2021 on October 20, 2021: and

WHEREAS, The Town Council may approve the renewal as submitted or may approve the renewal subject to such modifications or conditions as it deems necessary to accomplish the purpose of this Article, or the Town Council may deny the renewal including the following findings:

1) Upon receipt of a completed and proper application, the Planning Director shall set a public hearing for the Planning Commission and give public notice as required by this Chapter.

2) Criteria; findings. Before acting on a conditional use permit application, the Planning Commission and Town Council shall consider the following factors with respect to the proposed use:

   a. The relationship and impact of the use on the community development objectives of the Town.

   b. The effect of the use on distribution of population, transportation, utilities, schools, parks and recreational facilities and other public facilities and public facility needs.

   c. The effect upon traffic, with particular reference to congestion, automotive and pedestrian safety, traffic flow and control, access, maneuverability and snow removal.

d. The effect upon the character of the area in which the proposed use is to be located, including the scale and bulk of the proposed use in relation to surrounding uses, the amount of noise, lighting and glare, dust and compatibility of the use with the Character Area it is in and surrounding areas.

e. Necessary findings. The Planning Commission and Town Council shall make the following findings before making a recommendation or decision that a conditional use permit be granted:

1. That the proposed location of the use is in accordance with the purposes of this Chapter, the Community Plan and the purposes of the zone in which the site is located.

2. That the proposed location of the use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety or welfare, or materially injurious to properties or improvements in the vicinity.

3. That the proposed use will comply with each of the applicable provisions of this Chapter.

NOW THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO HEREBY AND HEREWITH:

Section 1. That the renewal for a Conditional Use Permit for File No. CU 01 – 2018 be approved subject to the following conditions:

1. No vehicle shall exceed 40’2” in length. This restriction does not apply to storage containers that may be used for storage of materials and equipment associated with or incidental to the business operations approved under this CUP. Such container(s) must be maintained in an orderly manner; must be contained and screened to the greatest extent possible with fencing and green mesh screening materials; and, shall not be stacked.

2. No storage of RV’s, campers, pop-ups, conversion vans, trailers, or similar camping related vehicles is permitted. Storage of snowmobiles, ATV’s, dirt bikes, and other personal recreational vehicles is permitted.

3. No inoperable or unlicensed vehicles are to be kept on the property for longer than five (5) days. (Pursuant to Section7-2-70 Minturn Municipal Code).

4. Leased lots associated with the CUP are to be maintained in a clean and orderly condition, permitting no deposit or accumulation of refuse or materials other than those ordinarily attendant upon the use for which such premises are legally intended. (Pursuant to Section 7-4-50 Minturn Municipal Code).

5. CUP holders are to maintain and conduct business within the lease areas associated with the approved and valid CUP only.

6. Violations. The following schedule of fines for violations not remedied within 30 days:
    a. The first violation will be fined $100.
    b. The second violation will be fined $250.
    c. The third and subsequent violations will be fined $500.

7. Each CUP will be subject to annual review by the Town staff with regard to compliance with the terms of use and conditions of approval associated with the CUP. The Town staff shall provide a report to the Town Council following such annual review. The report shall, in a general manner, provide updates on the following:
    a. Any violations or other incidences requiring staff response and Town resources out of the ordinary course of Town business and services. A violation will only be counted if the infraction has not been corrected within 30 days of notice being sent to the CUP holder.
    b. Compliance with the overall terms of use permitted by the CUP as well as observations regarding the condition of the lease/CUP area.
    c. Any changes in i) Lessee/Sub-Lessee; and, ii) uses within CUP area.
    d. At staff's discretion, a recommendation may be made to Council to revoke the CUP having accumulated three violations in a calendar year (Jan 1 to Dec 31).

8. Lessees are required to meet with the Town Council every three (3) years for CUP review. The review shall include but not be limited to inspections by Town staff and the following reporting:
    a. Report from Code Compliance Office
    b. Report from Planning Department

9. Hours of operation: 7 days a week. 7:00 a.m. to 7:00 p.m.

10. Uses must be in compliance with the applicable laws, including Minturn Municipal Code, state and federal law. A violation of any law within the permitted premises shall be considered a violation of the CUP.

11. All uses and occupancy associated with activities approved for each individual CUP shall adhere at all times with the noise and vibration standards of the Town (pursuant to Section 16-18-30, Minturn Municipal Code).

12. All leased areas associated with the CUP must be fenced and screened (green mesh screening materials) along the perimeter of leased property.

13. Supplies, parking, vehicles, truck containers, and equipment within fenced area or designated leased area only

14. Proper fuel containment / inspected by Eagle River Fire Protection District for small volume (less than 100 gallons) in OSHA approved containers.

15. All overnight parking must be done within the fenced yard and/or building(s) associated with the approved CUP.

16. Any chemical storage will require material safety data sheets. No chemical storage within 30’ live stream setback areas along the Eagle River and/or Game Creek.

17. Emergency access of 20' through the Union Pacific railyard and at both access gates shall be maintained.

18. Off-season use will require site storage of snow and keeping emergency access cleared.
    a. Maintain proper snow storage or sufficient snow removal

19. Conditional use granted as long as the applicant complies with the conditions and has a valid lease agreement with the owner of the property.

20. Town staff inspects the site for compliance at any time.

INTRODUCED, READ, APPROVED, ADOPTED AND RESOLVED this 16TH day of October, 2024.

TOWN OF MINTURN

By: _____
Earle Bidez, Mayor

ATTEST:

_____
Jay Brunvand, Town Clerk

TOWN OF MINTURN, COLORADO
RESOLUTION NO. 56 – SERIES 2024

A RESOLUTION RENEWING CONDITIONAL USE APPLICATION CU 03 – 2018 FOR BURKE HARRINGTON CONSTRUCTION, UPRR RAILROAD AVE, TOWN OF MINUTURN

WHEREAS, Burke Harrington Construction submitted a land use application for a Conditional Use Permit ("CUP") to allow for construction storage in August of 2018; and

WHEREAS, the Town of Minturn (the "Town") granted the requested CUP through Resolution 28 – Series 2018; and

WHEREAS, The Town Council is commissioned with certain powers and duties contained in the Minturn Municipal Code Sec. 16.21.30; and

WHEREAS, public notice was given pursuant to Minturn Municipal Code Sec. 16.21.610; and

WHEREAS, condition 7 of Resolution 28 – Series 2018 requires review and renewal of the CUP on a 3 year basis; and

WHEREAS, the Town Council renewed CU 03 – 2018 via Resolution 42 – Series 2021 on October 20, 2021; and

WHEREAS, The Town Council may approve the renewal as submitted or may approve the renewal subject to such modifications or conditions as it deems necessary to accomplish the purpose of this Article, or the Town Council may deny the renewal including the following findings:

1) Upon receipt of a completed and proper application, the Planning Director shall set a public hearing for the Planning Commission and give public notice as required by this Chapter.

2) Criteria; findings. Before acting on a conditional use permit application, the Planning Commission and Town Council shall consider the following factors with respect to the proposed use:

   a. The relationship and impact of the use on the community development objectives of the Town.

   b. The effect of the use on distribution of population, transportation, utilities, schools, parks and recreational facilities and other public facilities and public facility needs.

   c. The effect upon traffic, with particular reference to congestion, automotive and pedestrian safety, traffic flow and control, access, maneuverability and snow removal.

d. The effect upon the character of the area in which the proposed use is to be located, including the scale and bulk of the proposed use in relation to surrounding uses, the amount of noise, lighting and glare, dust and compatibility of the use with the Character Area it is in and surrounding areas.

e. Necessary findings. The Planning Commission and Town Council shall make the following findings before making a recommendation or decision that a conditional use permit be granted:

1. That the proposed location of the use is in accordance with the purposes of this Chapter, the Community Plan and the purposes of the zone in which the site is located.

2. That the proposed location of the use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety or welfare, or materially injurious to properties or improvements in the vicinity.

3. That the proposed use will comply with each of the applicable provisions of this Chapter.

NOW THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO HEREBY AND HEREWITH:

Section 1. That the renewal for a Conditional Use Permit for File No. CU 03 – 2018 be approved subject to the following conditions:

1. No vehicle shall exceed 40’2” in length. This restriction does not apply to storage containers that may be used for storage of materials and equipment associated with or incidental to the business operations approved under this CUP. Such container(s) must be maintained in an orderly manner; must be contained and screened to the greatest extent possible with fencing and green mesh screening materials; and, shall not be stacked.

2. No storage of RV’s, campers, pop-ups, conversion vans, trailers, or similar camping related vehicles is permitted. Storage of snowmobiles, ATV’s, dirt bikes, and other personal recreational vehicles is permitted.

3. No inoperable or unlicensed vehicles are to be kept on the property for longer than five (5) days. (Pursuant to Section7-2-70 Minturn Municipal Code).

4. Leased lots associated with the CUP are to be maintained in a clean and orderly condition, permitting no deposit or accumulation of refuse or materials other than those ordinarily attendant upon the use for which such premises are legally intended. (Pursuant to Section 7-4-50 Minturn Municipal Code).

5. CUP holders are to maintain and conduct business within the lease areas associated with the approved and valid CUP only.

6. Violations. The following schedule of fines for violations not remedied within 30 days:
    a. The first violation will be fined $100.
    b. The second violation will be fined $250.
    c. The third and subsequent violations will be fined $500.

7. Each CUP will be subject to annual review by the Town staff with regard to compliance with the terms of use and conditions of approval associated with the CUP. The Town staff shall provide a report to the Town Council following such annual review. The report shall, in a general manner, provide updates on the following:
    a. Any violations or other incidences requiring staff response and Town resources out of the ordinary course of Town business and services. A violation will only be counted if the infraction has not been corrected within 30 days of notice being sent to the CUP holder.
    b. Compliance with the overall terms of use permitted by the CUP as well as observations regarding the condition of the lease/CUP area.
    c. Any changes in i) Lessee/Sub-Lessee; and, ii) uses within CUP area.
    d. At staff's discretion, a recommendation may be made to Council to revoke the CUP having accumulated three violations in a calendar year (Jan 1 to Dec 31).

8. Lessees are required to meet with the Town Council every three (3) years for CUP review. The review shall include but not be limited to inspections by Town staff and the following reporting:
    a. Report from Code Compliance Office
    b. Report from Planning Department

9. Hours of operation: 7 days a week. 7:00 a.m. to 7:00 p.m.

10. Uses must be in compliance with the applicable laws, including Minturn Municipal Code, state and federal law. A violation of any law within the permitted premises shall be considered a violation of the CUP.

11. All uses and occupancy associated with activities approved for each individual CUP shall adhere at all times with the noise and vibration standards of the Town (pursuant to Section 16-18-30, Minturn Municipal Code).

12. All leased areas associated with the CUP must be fenced and screened (green mesh screening materials) along the perimeter of leased property.

13. Supplies, parking, vehicles, truck containers, and equipment within fenced area or designated leased area only

14. Proper fuel containment / inspected by Eagle River Fire Protection District for small volume (less than 100 gallons) in OSHA approved containers.

15. All overnight parking must be done within the fenced yard and/or building(s) associated with the approved CUP.

16. Any chemical storage will require material safety data sheets. No chemical storage within 30’ live stream setback areas along the Eagle River and/or Game Creek.

17. Emergency access of 20' through the Union Pacific railyard and at both access gates shall be maintained.

18. Off-season use will require site storage of snow and keeping emergency access cleared.
    a. Maintain proper snow storage or sufficient snow removal

19. Conditional use granted as long as the applicant complies with the conditions and has a valid lease agreement with the owner of the property.

20. Town staff inspects the site for compliance at any time.

INTRODUCED, READ, APPROVED, ADOPTED AND RESOLVED this 16TH day of October, 2024.

TOWN OF MINTURN

By: _____
Earle Bidez, Mayor

ATTEST:

_____
Jay Brunvand, Town Clerk

TOWN OF MINTURN, COLORADO
RESOLUTION NO. 57 – SERIES 2024

A RESOLUTION RENEWING CONDITIONAL USE APPLICATION CU 01 – 2020 FOR BURKE HARRINGTON CONSTRUCTION AND DARIN TUCHOLKE, UPRR RAILROAD AVE, TOWN OF MINUTURN

WHEREAS, Burke Harrington Construction and Darin Tucholke submitted a land use application for a Conditional Use Permit ("CUP") to allow for construction storage in July of 2020; and

WHEREAS, the Town of Minturn (the "Town") granted the requested CUP through Resolution 24 – Series 2020; and

WHEREAS, The Town Council is commissioned with certain powers and duties contained in the Minturn Municipal Code Sec. 16.21.30; and

WHEREAS, public notice was given pursuant to Minturn Municipal Code Sec. 16.21.610; and

WHEREAS, condition 7 of Resolution 24 – Series 2020 requires review and renewal of the CUP on a 3 year basis; and

WHEREAS, the Town Council renewed CU 01 – 2020 via Resolution 43 – Series 2021 on October 20, 2021; and

WHEREAS, The Town Council may approve the renewal as submitted or may approve the renewal subject to such modifications or conditions as it deems necessary to accomplish the purpose of this Article, or the Town Council may deny the renewal including the following findings:

1) Upon receipt of a completed and proper application, the Planning Director shall set a public hearing for the Planning Commission and give public notice as required by this Chapter.

2) Criteria; findings. Before acting on a conditional use permit application, the Planning Commission and Town Council shall consider the following factors with respect to the proposed use:

   a. The relationship and impact of the use on the community development objectives of the Town.

   b. The effect of the use on distribution of population, transportation, utilities, schools, parks and recreational facilities and other public facilities and public facility needs.

c. The effect upon traffic, with particular reference to congestion, automotive and pedestrian safety, traffic flow and control, access, maneuverability and snow removal.

d. The effect upon the character of the area in which the proposed use is to be located, including the scale and bulk of the proposed use in relation to surrounding uses, the amount of noise, lighting and glare, dust and compatibility of the use with the Character Area it is in and surrounding areas.

e. Necessary findings. The Planning Commission and Town Council shall make the following findings before making a recommendation or decision that a conditional use permit be granted:

1. That the proposed location of the use is in accordance with the purposes of this Chapter, the Community Plan and the purposes of the zone in which the site is located.

2. That the proposed location of the use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety or welfare, or materially injurious to properties or improvements in the vicinity.

3. That the proposed use will comply with each of the applicable provisions of this Chapter.

NOW THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO HEREBY AND HEREWITH:

Section 1. That the renewal for a Conditional Use Permit for File No. CU 01 – 2020 be approved subject to the following conditions:

1. No vehicle shall exceed 40’2” in length. This restriction does not apply to storage containers that may be used for storage of materials and equipment associated with or incidental to the business operations approved under this CUP. Such container(s) must be maintained in an orderly manner; must be contained and screened to the greatest extent possible with fencing and green mesh screening materials; and, shall not be stacked.

2. No storage of RV’s, campers, pop-ups, conversion vans, trailers, or similar camping related vehicles is permitted. Storage of snowmobiles, ATV’s, dirt bikes, and other personal recreational vehicles is permitted.

3. No inoperable or unlicensed vehicles are to be kept on the property for longer than five (5) days. (Pursuant to Section7-2-70 Minturn Municipal Code).

4. Leased lots associated with the CUP are to be maintained in a clean and orderly condition, permitting no deposit or accumulation of refuse or materials other than those ordinarily attendant upon the use for which such premises are legally intended. (Pursuant to Section 7-4-50 Minturn Municipal Code).

5. CUP holders are to maintain and conduct business within the lease areas associated with the approved and valid CUP only.

6. Violations. The following schedule of fines for violations not remedied within 30 days:
    a. The first violation will be fined $100.
    b. The second violation will be fined $250.
    c. The third and subsequent violations will be fined $500.

7. Each CUP will be subject to annual review by the Town staff with regard to compliance with the terms of use and conditions of approval associated with the CUP. The Town staff shall provide a report to the Town Council following such annual review. The report shall, in a general manner, provide updates on the following:
    a. Any violations or other incidences requiring staff response and Town resources out of the ordinary course of Town business and services. A violation will only be counted if the infraction has not been corrected within 30 days of notice being sent to the CUP holder.
    b. Compliance with the overall terms of use permitted by the CUP as well as observations regarding the condition of the lease/CUP area.
    c. Any changes in i) Lessee/Sub-Lessee; and, ii) uses within CUP area.
    d. At staff's discretion, a recommendation may be made to Council to revoke the CUP having accumulated three violations in a calendar year (Jan 1 to Dec 31).

8. Lessees are required to meet with the Town Council every three (3) years for CUP review. The review shall include but not be limited to inspections by Town staff and the following reporting:
    a. Report from Code Compliance Office
    b. Report from Planning Department

9. Hours of operation: 7 days a week. 7:00 a.m. to 7:00 p.m.

10. Uses must be in compliance with the applicable laws, including Minturn Municipal Code, state and federal law. A violation of any law within the permitted premises shall be considered a violation of the CUP.

11. All uses and occupancy associated with activities approved for each individual CUP shall adhere at all times with the noise and vibration standards of the Town (pursuant to Section 16-18-30, Minturn Municipal Code).

12. All leased areas associated with the CUP must be fenced and screened (green mesh screening materials) along the perimeter of leased property.

13. Supplies, parking, vehicles, truck containers, and equipment within fenced area or designated leased area only

14. Proper fuel containment / inspected by Eagle River Fire Protection District for small volume (less than 100 gallons) in OSHA approved containers.

15. All overnight parking must be done within the fenced yard and/or building(s) associated with the approved CUP.

16. Any chemical storage will require material safety data sheets. No chemical storage within 30’ live stream setback areas along the Eagle River and/or Game Creek.

17. Emergency access of 20' through the Union Pacific railyard and at both access gates shall be maintained.

18. Off-season use will require site storage of snow and keeping emergency access cleared.
    a. Maintain proper snow storage or sufficient snow removal

19. Conditional use granted as long as the applicant complies with the conditions and has a valid lease agreement with the owner of the property.

20. Town staff inspects the site for compliance at any time.

INTRODUCED, READ, APPROVED, ADOPTED AND RESOLVED this 16TH day of October, 2024.

TOWN OF MINTURN

By: _____
Earle Bidez, Mayor

ATTEST:

_____
Jay Brunvand, Town Clerk

To:	Mayor and Council
From:	Madison Harris, Planner I
Date:	October 11, 2024
Agenda Item:	Review of Minturn Mountain Motel Conditional Use Permit held on the Railroad Property

REQUEST:
Discuss current Conditional Use Permit (CUP) held on the Railroad Property.

INTRODUCTION:
As agreed upon in the terms attached to the Conditional Use Permit held by the Minturn Mountain Motel that was issued in 2018, part of terms is *"Lessees to meet with Town Council every 3 years for CUP review."* It has been 3 years since the approval of the CUP.

ANALYSIS:
Staff suggests that there be a review of the Conditional Use Permit that is held by the Minturn Mountain Motel and for it to be determined whether or not the existing conditions are clear and communicative on how to address any issues that should arise for both the CUP holder as well as Staff.

COMMUNITY INPUT:
Ongoing.

BUDGET / STAFF IMPACT:
TBD.

STRATEGIC PLAN ALIGNMENT:
The Town Council's actions with regard to the public process of reviewing this Conditional Use Permit, particularly when focused on ensuring that conditions attached support a realistic, fair and consistent treatment aligns with the following key strategies:

PRACTICE FAIR, TRANSPARENT AND COMMUNICATIVE LOCAL GOVERNMENT

The Town will seek to make informed, data-based decisions with a standard of "doing it right." With an honest approach to all aspects of local government and a focus on the public process, the Town Council and staff are committed to serving Minturn with the honesty and integrity expected of a small-town government.

SUSTAIN AND INVEST IN THE THINGS THAT DEFINE MINTURN AS A PROUD, STURDY MOUNTAIN TOWN TO "KEEP MINTURN MINTURN"

The ability for Minturn to approach development as resilient, sustainable, creative and diverse will allow the town to continue embracing what has "made Minturn, Minturn." The town can further leverage its crossroads location as a valley-wide benefit and competitive advantage.

RECOMMENDED ACTION OR PROPOSED MOTION:

Approve the following resolution:

1. Resolution 58 – Series 2024: A resolution renewing Conditional Use Application CU 04 – 2018 for Minturn Mountain Motel

ATTACHMENTS:

- Staff report
- Resolution 58 – Series 2024

Minturn Planning Department
Minturn Town Center
302 Pine Street
Minturn, Colorado 81645

Minturn Planning Commission
Chair – Lynn Teach
Jeff Armistead
Michael Boyd
Amanda Mire
Eric Rippeth
Darell Wegert

2024 Union Pacific Railroad Property Conditional Use Permit Review
Minturn Mountain Motel

Overview of Zoning, the CUP Process, and Enforcement Issues

Zoning: Game Creek Character Area PUD Holding Zone

Staff: Madison Harris, Planner I

Staff Report

I. Overview:

The following sections outline the Conditional Use Permit review process, the requirements and necessary findings of the Minturn Municipal Code, and a summary of enforcement chronology and issues associated with historic storage and parking uses on leased Union Pacific Railroad (UP) property located on the north side of the Town.

This overview is provided for the Council's benefit and use in reviewing a CUP for vehicle storage uses occurring on the UP property on a lease held by the Minturn Mountain Motel. Importantly, the standards and findings listed below are germane to the CUP review before the Council at the October 16, 2024 regular meeting.

II. Chronology/Background:

In 2017, the Minturn Town Council listed compliance and enforcement of the Minturn Municipal Code, as well as adherence to recommendations of the 2009 Community Plan, as a priority for the entire town. In doing so, the Council also focused on uses and, in certain instances, ongoing code enforcement and nuisance-related issues occurring at the UP properties located within the "Game Creek Character Area PUD Holding Zone District" which is generally situated north of the Eagle River Inn and Saloon buildings, west of Taylor Avenue, and east of the Eagle River.

In order to address such issues and concerns, the Town initiated outreach to existing leaseholders on UP property in 2017 with several existing lease holders operating contractor storage, as well as commercial uses (Turn Table Restaurant and lodging uses) on UP property with the goal to allow those uses to continue, but only via the approval of Conditional Use Permits (CUPs) as a means to

regulate those uses more closely through the imposition and enforcement of "conditions" or standards for storage (fencing, screening, parking, hours of operation, for instance).

According to the Minturn Municipal Code, any uses occurring on the UP properties – located within the "Game Creek Character Area PUD Holding Zone District" - require the approval of a Planned Unit Development (PUD), or, if master planning the UP property is not proposed, a Conditional Use Permit. Unfortunately, UP has been largely uninvolved in the CUP process; typically, UP executes leases for various lease areas within the railroad property without communication with the Town, leaving the Town to discover 1) new leases and uses occurring in the railyard through code enforcement activity, and 2) changes in lessors (subleasing) making it difficult for the Town to determine who to contact as a matter of code compliance.

After an extensive public process with hours of public comments submitted, Conditional Use Permits were ultimately issued in late 2018 for the following business entities operating with leases on the UP property:

- Burke Harrington Construction (BHC)
- Happy Hammer Carpentry (Cozzens Construction)
- The Turntable Restaurant / Minturn Mountain Motel
- Minturn Builders Alliance Cooperative (MBA)

The Turntable Restaurant/Minturn Mountain Motel was approved with the following conditions or standards:

1. All parking must be within the leased area;
2. The restaurant and motel cannot be sub-leased as stated in the lease contract without prior consent of the Union Pacific Railroad;
3. Restaurant and Motel must maintain the required number of parking spaces as required by Chapter 16, Article 16 (Off-Street Parking and Loading) of the Town of Minturn Municipal Code. (The purpose is to ensure that the use is served by an adequate supply of well-planned and designed parking, and to assure that the owner/operator of the use provides sufficient parking spaces for the use);
4. The restaurant and motel must be maintained in accordance with Chapter 7, Article 2 (Nuisances) of the Town of Minturn Municipal Code (The purpose is to ensure that the use operates in a manner that is not harmful to the surrounding uses and the process in which a nuisance is declared for a specific use);
5. Emergency access of 20' through the leased area;
6. Any dumpsters containing or temporarily storing refuse/trash material outside the restaurant and motel must be stored on property and must be properly screened;
7. The leased area used for parking must be policed and maintained by the lessee (restaurant and motel owner);
8. Trash and junk accumulating in the parking area must be picked up and disposed properly within seven (7) days;
9. The parking area must not be used for repair, maintenance or storage of vehicles;
10. Letter stating the hour and dates of operation to staff;
11. All-season use will require site storage of snow and keeping emergency access cleared.
12. No recreational vehicles or ATV's of any kind. Not limited to boats, snowmobiles, ATV's. RV's, campers, pop-ups, conversion vans, trailers, un-related work vehicles, etc.

13. No inoperable / unlicensed vehicles kept on property for longer than five (5) days. Sec.7-2-70
14. Annual report by the Code Compliance Officer to Council – re: Violations
    a. 3 violations in 1 year
    b. Recommendation to Council to revoke CUP
15. Lessees to meet with Town Council every 3 years for CUP review.
    a. Report from Code Compliance Office
    b. Report from Planning Department

In 2021, the Minturn Mountain Motel's CUP went through the renewal process and updated the conditions as follows:

1. All parking must be within the leased area;
2. The restaurant and motel cannot be sub-leased as stated in the lease contract without prior consent of the Union Pacific Railroad;
3. Restaurant and Motel must maintain the required number of parking spaces as required by Chapter 16, Article 16 (Off-Street Parking and Loading) of the Town of Minturn Municipal Code. (The purpose is to ensure that the use is served by an adequate supply of well-planned and designed parking, and to assure that the owner/operator of the use provides sufficient parking spaces for the use);
4. The restaurant and motel must be maintained in accordance with Chapter 7, Article 2 (Nuisances) of the Town of Minturn Municipal Code (The purpose is to ensure that the use operates in a manner that is not harmful to the surrounding uses and the process in which a nuisance is declared for a specific use);
5. Emergency access of 20' through the leased area shall be maintained;
6. Any dumpsters containing or temporarily storing refuse/trash material outside the restaurant and motel must be stored on property and must be properly screened;
7. The leased area used for parking must be policed and maintained by the lessee (restaurant and motel owner);
8. Trash and junk accumulating in the parking area must be picked up and disposed properly within seven (7) days;
9. The parking area must not be used for repair, maintenance or storage of vehicles;
10. Letter stating the hour and dates of operation to staff;
11. All-season use will require site storage of snow and keeping emergency access cleared;
12. No recreational vehicles or ATV's of any kind. Not limited to boats, snowmobiles, ATV's. RV's, campers, pop-ups, conversion vans, trailers, non-work-related vehicles, etc.
13. No inoperable or unlicensed vehicles kept on property for longer than five (5) days. Sec.7-2-70.
14. Violations. The following schedule of fines shall apply for violations not remedied within 30 days:
    a. The first violation will be fined $100.
    b. The second violation will be fined $250.
    c. The third and subsequent violations will be fined $500.
15. Each CUP will be subject to annual review by the Town staff with regard to compliance with the terms of use and conditions of approval associated with the CUP. The Town staff shall provide a report to the Town Council following such annual review. The report shall, in a general manner, provide updates on the following:

a. Any violations or other incidences requiring staff response and Town resources out of the ordinary course of Town business and services. A violation will only be counted if the infraction has not been corrected within 30 days of notice being sent to the CUP holder.
b. Compliance with the overall terms of use permitted by the CUP as well as observations regarding the condition of the lease/CUP area.
c. Any changes in i) Lessee/Sub-Lessee; and, ii) uses within CUP area.

At staff's discretion, a recommendation may be made to Council to revoke the CUP having accumulated three violations in a calendar year (Jan 1 to Dec 31).

16. Lessees are required to meet with the Town Council every three (3) years for CUP review. The review shall include but not be limited to inspections by Town staff and the following reporting:
    a. Report from Code Compliance Office
    b. Report from Planning Department
17. Uses must be in compliance with the applicable laws, including Minturn Municipal Code, state and federal law. A violation of any law within the permitted premises shall be considered a violation of the CUP.

III. Staff Findings and Analysis:

The following section provides staff responses to each of the applicable Conditional Use criteria.

a. The relationship and impact of the use on the community development objectives of the Town.

Staff Response:

Under Chapter 1: Smart Land Use & Practical Zoning of the 2023 Imagine Minturn Community Plan (the Town's comprehensive plan), the Recommended Town Zoning Detail Map on pg. 24 calls out this area as Mixed-Use 1 which is recommended as – *"The intent for this area is to contain a mix of residential and commercial uses, in a pedestrian-oriented environment in keeping with Minturn's historic character"*

Under Chapter 3: An Economically Vibrant Community of the 2023 Plan, Action 3.1.3 states, "*Continue to support the development of lodging concentrated in the 100 Block and Old Town areas as well as for future development in the Dowd Junction area."*

In 2018, the intent of the Town – working *with* existing lease holders to identify and propose solutions to existing conditions and issues – was to conduct the CUP process so that existing uses could continue as a means to protect existing business operations in the Town while also allowing the Town to regulate such uses and enforce Town Code provisions for safety, nuisances, and general aesthetics. Ultimately, the goals of this process were to:

- Maintain the diversity and mix of businesses
- Contribute to the year-round economy
- Protect the health, safety, welfare, and the aesthetics of the town.

Testimony and participation at public hearings before approval of the CUPs led to the development of the contractor storage standards and terms of use that were attached to the CUPs as conditions of approval.

In accordance with the terms of CUP approvals for the contractor storage uses on UP property, the Town is conducting reviews of each existing CUP. Staff has put forth amended conditions or standards/terms of use.

b. The effect of the use on distribution of population, transportation, utilities, schools, parks and recreational facilities and other public facilities and public facility needs.

Staff Response:
The current operations on UP property, inclusive of parking and requested storage uses within the lease boundaries, have minimal material impact or effect on the distribution of population, transportation, utilities, schools, parks and recreational facilities and other public facilities and/or needs.

c. The effect upon traffic, with particular reference to congestion, automotive and pedestrian safety, traffic flow and control, access, maneuverability and snow removal.

Staff Response:
Use of the leased areas for contractor storage associated with an existing business in close proximity to an existing storage site does not result in a material increase in local traffic, congestion, pedestrian safety, traffic flow and control, access, maneuverability and snow removal in the immediate vicinity of the subject property.

d. The effect upon the character of the area in which the proposed use is to be located, including the scale and bulk of the proposed use in relation to surrounding uses, the amount of noise, lighting and glare, dust and compatibility of the use with the Character Area it is in and surrounding areas.

Staff Response:
Until the late 1990's the character of the area in question had been a working railyard. This railyard was established prior to the town becoming incorporated in 1904 and prior to a majority of the homes being built along Taylor Avenue.

Staff believes that the main factor impacting the character of the surrounding area or, importantly, the compatibility of the use within the Game Creek Character Area is the visual or aesthetic quality of the lease area. Fencing/screening has already been erected around the leased areas boundaries.

e. Necessary findings. The Planning Commission and Town Council shall make the following findings before making a recommendation or decision that a conditional use permit be granted:

1. That the proposed location of the use is in accordance with the purposes of this Chapter, the Community Plan and the purposes of the zone in which the site is located.

Staff Response:
Generally, the subject site is located within a historically industrial and commercial area. Yet, Chapter 16 – Zoning of the Minturn Municipal Code describes the character area characteristics for the Game Creek Character PUD Holding Zone as anticipating the discontinuance of industrial uses in favor of commercial and residential re-development:

> *"The Game Creek Character Area is visually prominent from the north entryway into the Town. The area is predominantly devoted to railroad use and will require a comprehensive planning effort prior to redevelopment. In addition to the rail yard, the area contains the Taylor Avenue neighborhood, some commercial uses and a community parking lot. The area is bisected by the railroad right-of-way, which is intended to remain as a continuous transportation corridor. Most of the area lacks adequate street rights-of-way and utilities. The Community Plan has identified this area as an appropriate area for extension of the Old Town commercial core, mixed-use and residential development; however, high impact industrial uses are discouraged. Enhancement of the Eagle River corridor is a community priority."*
>
> - *Town of Minturn Municipal Code Section 16-12-10*

It should be noted that the Community Plan does provide goals geared toward supporting existing businesses, and the uses proposed for these CUPs primarily include storage within leased areas. As such, staff suggests that the use does not constitute "high impact industrial uses."

2. ***That the proposed location of the use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety or welfare, or materially injurious to properties or improvements in the vicinity.***

Staff Response:
Generally, the location and uses, if properly conditioned, should not be detrimental to the public health, safety or welfare, nor should they be materially injurious to the properties or improvements in the vicinity if the site is maintained in accordance with the standards of the Minturn Municipal Code and any conditions of approval.

3. ***That the proposed use will comply with each of the applicable provisions of this Chapter.***

Staff Response:
If appropriate conditions of approval are attached with any granting of a CUP in this instance, and if such conditions are enforceable (jointly) by the Town and the Applicant, staff believes that this finding can be met.

IV. Items of Note:

Enforcement

At the beginning of 2023, the Town received a complaint that the required number of ADA accessible parking spaces were not being provided. Staff notified the CUP holder of the complaint. As they have 79 parking spaces between the restaurant and the motel, there needs to be five accessible parking spaces. This was corrected within the 30 days given and they were not issued a formal violation.

Staff conducted an inspection and sent notice in September 2024 for accumulation of refuse and noxious weeds. The CUP holder addressed those concerns within the 30 days, and was not issued a formal violation.

V. Staff Recommendation:

Approval with conditions.

TOWN OF MINTURN, COLORADO
RESOLUTION NO. 58 – SERIES 2024

A RESOLUTION RENEWING AN EXISTING CONDITIONAL USE APPLICATION CU 04 – SERIES 2018 FOR MINTURN MOUNTAIN MOTEL, UPRR RAILROAD AVE, TOWN OF MINUTURN

WHEREAS, The Minturn Mountain Motel has submitted a land use application for renewal and modification of a Conditional Use Permit to allow subleasing for vehicle and recreational equipment storage; and

WHEREAS, the applicant applied for and received a Conditional Use Permit ("CUP") by virtue of Resolution No. 29, Series 2018; and

WHEREAS, The Town of Minturn Town Council is commissioned with certain powers and duties contained in the Minturn Municipal Code Sec. 16.21.30; and

WHEREAS, public notice was given pursuant to Minturn Municipal Code Sec. 16.21.610; and

WHEREAS, the Town Council renewed CU 04 – 2018 via Resolution 44 – Series 2018 on October 20, 2021; and

WHEREAS, The Town Council may approve the renewal as submitted or may approve the renewal subject to such modifications or conditions as it deems necessary to accomplish the purpose of this Article, or the Town Council may deny the renewal including the following findings:

1) Upon receipt of a completed and proper application, the Planning Director shall set a public hearing for the Planning Commission and give public notice as required by this Chapter.

2) Criteria; findings. Before acting on a conditional use permit application, the Planning Commission and Town Council shall consider the following factors with respect to the proposed use:

   a. The relationship and impact of the use on the community development objectives of the Town.

   b. The effect of the use on distribution of population, transportation, utilities, schools, parks and recreational facilities and other public facilities and public facility needs.

   c. The effect upon traffic, with particular reference to congestion, automotive and pedestrian safety, traffic flow and control, access, maneuverability and snow removal.

d. The effect upon the character of the area in which the proposed use is to be located, including the scale and bulk of the proposed use in relation to surrounding uses, the amount of noise, lighting and glare, dust and compatibility of the use with the Character Area it is in and surrounding areas.

e. Necessary findings. The Planning Commission and Town Council shall make the following findings before making a recommendation or decision that a conditional use permit be granted:

1. That the proposed location of the use is in accordance with the purposes of this Chapter, the Community Plan and the purposes of the zone in which the site is located.

2. That the proposed location of the use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety or welfare, or materially injurious to properties or improvements in the vicinity.

3. That the proposed use will comply with each of the applicable provisions of this Chapter.

NOW THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF MINTURN, COLORADO HEREBY AND HEREWITH:

Section 1. That the application for a Conditional Use Permit for File No. CU 04-2018 be approved with the following conditions:

1. All parking must be within the leased area;

2. The restaurant and motel cannot be sub-leased as stated in the lease contract without prior consent of the Union Pacific Railroad;

3. Restaurant and Motel must maintain the required number of parking spaces as required by Chapter 16, Article 16 (Off-Street Parking and Loading) of the Town of Minturn Municipal Code. (The purpose is to ensure that the use is served by an adequate supply of well-planned and designed parking, and to assure that the owner/operator of the use provides sufficient parking spaces for the use);

4. The restaurant and motel must be maintained in accordance with Chapter 7, Article 2 (Nuisances) of the Town of Minturn Municipal Code (The purpose is to ensure that the use operates in a manner that is not harmful to the surrounding uses and the process in which a nuisance is declared for a specific use);

5. Emergency access of 20’ through the leased area shall be maintained;

6. Any dumpsters containing or temporarily storing refuse/trash material outside the restaurant and motel must be stored on property and must be properly screened;

7. The leased area used for parking must be policed and maintained by the lessee (restaurant and motel owner);

8. Trash and junk accumulating in the parking area must be picked up and disposed properly within seven (7) days;

9. The parking area must not be used for repair, maintenance or storage of vehicles;

10. Letter stating the hour and dates of operation to staff;

11. All-season use will require site storage of snow and keeping emergency access cleared.

12. No recreational vehicles or ATV's of any kind. Not limited to boats, snowmobiles, ATV's. RV's, campers, pop-ups, conversion vans, trailers, non-work-related vehicles, etc.

13. No inoperable or unlicensed vehicles kept on property for longer than five (5) days. Sec.7-2-70.

14. Violations. The following schedule of fines shall apply for violations not remedied within 30 days:
    a. The first violation will be fined $100.
    b. The second violation will be fined $250.
    c. The third and subsequent violations will be fined $500.

15. Each CUP will be subject to annual review by the Town staff with regard to compliance with the terms of use and conditions of approval associated with the CUP. The Town staff shall provide a report to the Town Council following such annual review. The report shall, in a general manner, provide updates on the following:
    a. Any violations or other incidences requiring staff response and Town resources out of the ordinary course of Town business and services. A violation will only be counted if the infraction has not been corrected within 30 days of notice being sent to the CUP holder.
    b. Compliance with the overall terms of use permitted by the CUP as well as observations regarding the condition of the lease/CUP area.
    c. Any changes in i) Lessee/Sub-Lessee; and, ii) uses within CUP area.

    At staff's discretion, a recommendation may be made to Council to revoke the CUP having accumulated three violations in a calendar year (Jan 1 to Dec 31).

16. Lessees are required to meet with the Town Council every three (3) years for CUP review. The review shall include but not be limited to inspections by Town staff and the following reporting:
    a. Report from Code Compliance Office
    b. Report from Planning Department

17. Uses must be in compliance with the applicable laws, including Minturn Municipal Code, state and federal law. A violation of any law within the permitted premises shall be considered a violation of the CUP.

INTRODUCED, READ, APPROVED, ADOPTED AND RESOLVED this 16th day of October, 2024.

TOWN OF MINTURN

By: _____
Earle Bidez, Mayor

ATTEST:

_____
Jay Brunvand, Town Clerk

Western Rail Coalition Letter - Eagle River Valley Service - DRAFT

Dear Governor Polis,

Colorado's Western Rail Coalition urges your support to expand CDOT's Mountain Rail concept to include frequent, quiet, and low-emission passenger rail service in the Eagle River Valley and Arkansas River Valley in the near term at a very economical cost.

Advocacy Context

While our coalition is 100% supportive of the existing Mountain Rail project between Denver and Craig, we believe that such a limited scope cannot be the extent of our state's short-term ambitions. These ambitions should include far more of the Western Slope and Arkansas River Valley. Our coalition has a grounded vision which can quickly tap into high-potential existing rail assets for the people of Colorado and its visitors.

Why prioritize the Eagle River Valley?

Today, there is a monumental but time-limited opportunity to work with private rail carriers who are equipped to and interested in supplying new local passenger rail service between Leadville and Glenwood Springs, what we are calling the Eagle River Valley service. Union Pacific's out-of-service Tennessee Pass Line (dormant since 1997) is currently leased to a passenger rail operator, Rio Grande Pacific Railroad, which is interested in running a local passenger service on the line with quiet, modern, and low-emission rail vehicles. However, their plan relies on support from CDOT and locals such as area municipalities to bring the line back for the benefit of the public; they may not renew their lease with the Union Pacific Railroad if support for passenger rail is not evident.

Where would trains run?:

This service will connect Leadville, Minturn, Avon/Beaver Creek, Edwards, Eagle, Eagle County Regional Airport, Gypsum, and potentially other Eagle Valley workforce communities such as Dotsero with hourly-or-better rail service to/from Glenwood Springs. The Beaver Creek Riverfront Gondola located immediately next to the existing tracks and Avon transit station enables a seamless connection between the rail, the incredibly popular ski slopes, as well as one of the valley's new busiest Core Transit Authority bus hubs. Additionally, linking the service to Glenwood Springs connects the Eagle River Valley/Tennessee Pass Line to the Roaring Fork Transit Authority and existing Amtrak services, thus providing a valuable alternative to the beleaguered, traffic-choked stretch of I-70 through Glenwood Canyon and Eagle County.

What are the benefits?

The Eagle River Valley Rail Service project promises strong ridership, greater visibility for a rail success story, and will go further for each state investment dollar than nearly any other near-term mobility project. This car-competitive option will connect the dense ski resort and airport destinations of the Eagle River Valley with key communities in the Arkansas River Valley. Many of these workers and skiers currently commute by car and are plagued with weather uncertainties and parking costs. This project will be the first step in connecting

Colorado's I-70 ski resort mecca with vastly more affordable housing and transit options. The economic benefits and success of this project will hopefully lead to expanded connections in Lake, Chaffee, Fremont, and Garfield counties.

Importance to State Interests

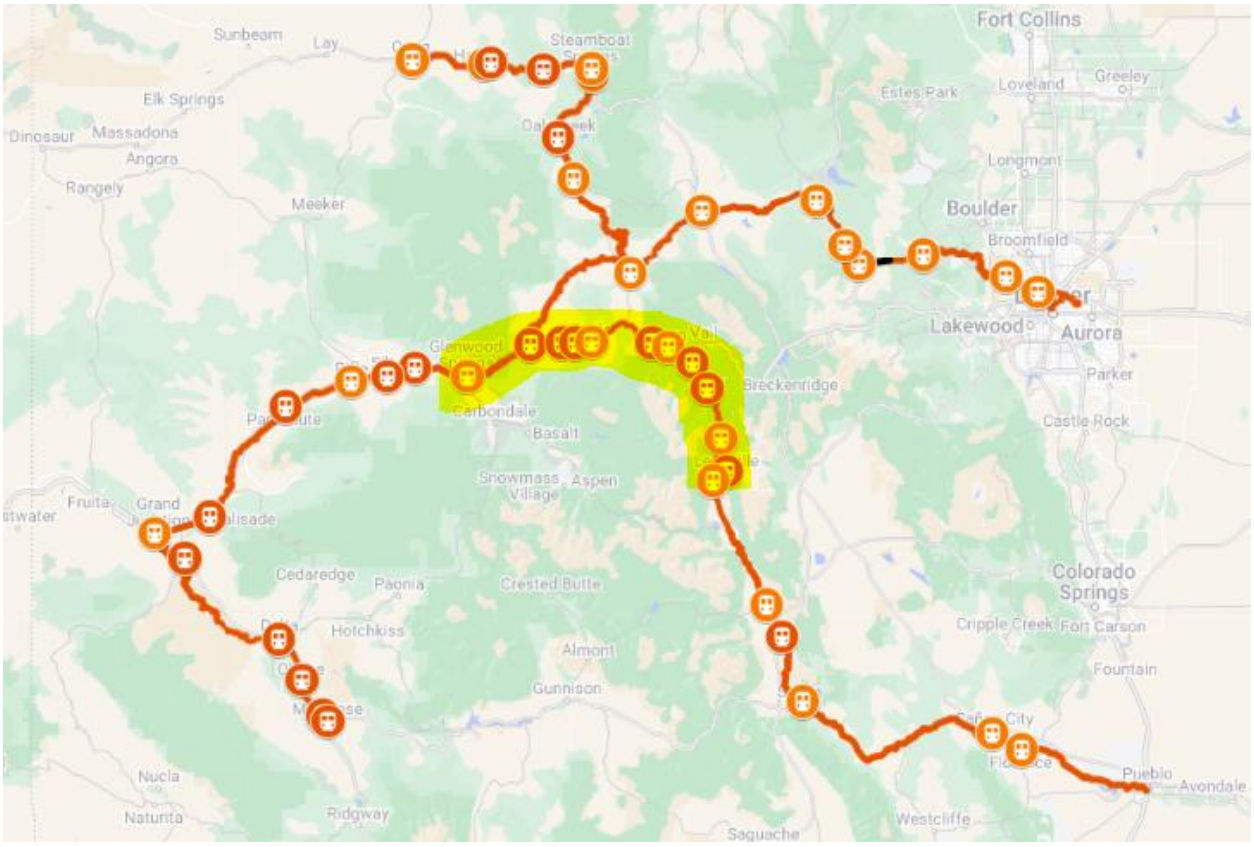
This will be the most visible and long-lasting rail win that could be attributed to your administration. Please direct CDOT to open a dialogue with the Rio Grande Pacific Railroad and to commence study in the form of a service development plan (SDP) that quantifies the actual project costs and benefits. It should be a core goal to secure the necessary funding and preparation to start construction activities within the next two years.

Sincerely,

Colorado's Western Rail Coalition

- Connor Roth, The Offgrid Urbanist
- James Flattum, Greater Denver Transit Co-Founder
- Richard Bamber, Greater Denver Transit Co-Founder
- Luke Sponable, Greater Denver Transit

Reference: Western Rail Concept (Eagle River Valley Service highlighted in Yellow)



Key: Western Rail's existing tracks are noted in orange. Dark Orange stations are contemplated as local/regional-only service and light orange stations are contemplated to host both local/regional and future longer-distance intercity passenger rail services.

Other/Q&A:

Will this project slow down or distract from Mountain Rail?

- No - this project will be complimentary of all Mountain Rail efforts, especially as much of the legwork may not need to be completed by CDOT/stage agencies.
- This is about collaborating with an existing passenger rail operator that already has a lease to the Tennessee Pass Line and is interested in operating a passenger service on this line.
- The line is intact, and for relatively modest capital investment, could be brought back into service for passenger operations that would benefit all residents.

How much will this project cost?

- The cost of the project will not be known with any precision until CDOT formally studies the line and delivers a Service Development Plan (SDP). Whilethe 2014 CDOT Advanced Guideway System (AGS) feasibility study has planted a number in the minds of Coloradans that new mountain trains will cost 10's of billions of dollars, but this is not remotely the case to leverage existing rail.
- Based on back-of-the-napkin estimates outlining the known track work, signaling installation, and fleet procurement, the cost to install a Leadville to Glenwood Springs service will cost only a tiny fraction of that amount, something between $200M and $400M, which is no small amount of money abstractly, but very affordable in relative infrastructure terms that require state resources.
- SB-230 funds could well be attributed.
- We recommend exploring untapped accommodations tax revenue or other potential tourist based revenue streams to further fund this project.

What about oil trains?

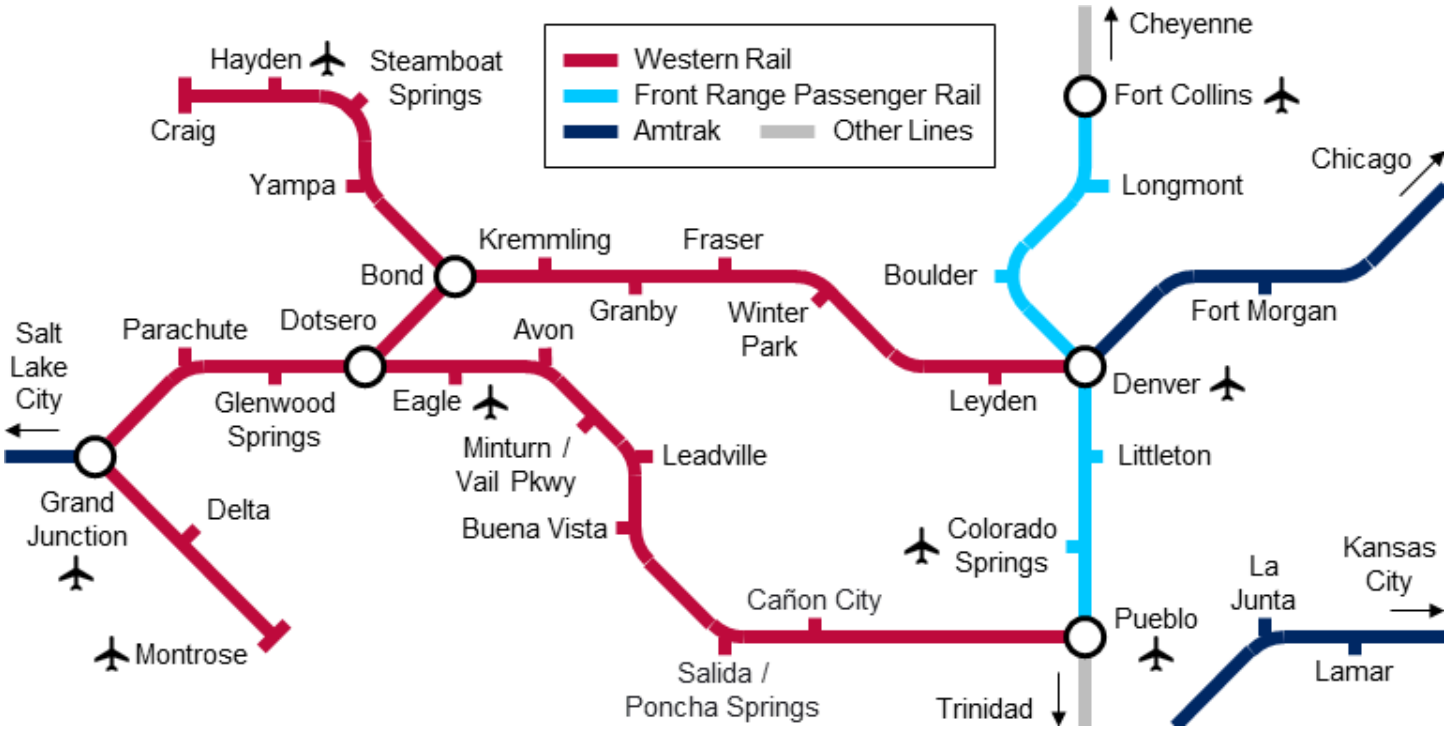
- The return of oil trains to the Tennessee Pass Line is exceedingly unlikely, and new passenger services on the line would make the prospect for any through-freight return to the line even less likely.
- The Tennessee Pass Line has not been an economical route for the operations of oil trains or any other kind of through-freight trains for nearly 30 years due to punishingly-steep grades that are far more expensive for freight rail companies to operate over when other route options are available, and the line's owner has two other choices.

- The steep climb of the Minturn to Tennessee Pass grade and the duplication of routes available (created by the Union Pacific/Southern Pacific merger) was the primary reason Union Pacific (UP) decided to cease operations in 1997 over Tennessee Pass.
- However, these steep grades are much less of a hindrance for passenger trains which can operate with much lighter, quieter, and low-carbon-impact vehicles.
- Further, the lessee who could operate the passenger services on the line is contractually prohibited from running any through-freight trains of any kind.
- A commuter overlay from Glenwood Springs to Leadville would not make Tennessee Pass a functional through-route as many more miles would still remain out of service to the active network, at Parkdale near the Royal Gorge.
- In fact, filling the existing track's capacity with frequent and quiet passenger services could be a viable alternative use of the rail line as opposed to loud and polluting through-freight.
- Quiet, modern, and low-emission passenger services offer a much greater benefit to local residents and actually makes it harder for through-trains to ever return to the line.
- This is a unique opportunity for Colorado to create an exclusive passenger rail corridor that would not have to compete with inflexible through-freight service.
- Therefore providing the opportunity for car-free ski vacations and cheaper commuting options for workers and residents alike. When the Tennessee Pass returns as a passenger line, its stunning views of the Eagle and Arkansas River Valleys will secure its status as an international rail attraction in and of itself.

GREATER DENVER TRANSIT

Western Rail Fact Sheet

We need a comprehensive rail network for Western Colorado!



The State of Colorado should establish a Colorado Rail Authority that owns, builds, and manages the operation of fast, frequent, reliable, and environmentally-sustainable passenger rail services connecting the Front Range cities with the world-renowned and high-demand mountain town destinations of Western Colorado.

We need your help!

Please support our campaign by:

- Reading our white paper
  - just scan the QR code!
- Sending an email to the Office of the Governor at **governorpolis@state.co.us**
- Writing to the Office of the Governor at **200 E. Colfax Avenue Room 136 Denver, CO 80203**
- Posting at **@coloradogov** on social media with the tag **#WesternRail**

Please visit our web page!

A Bold Vision for Western Rail
DRAFT Concept Paper: March 2024

Synopsis

The State of Colorado should establish a **Colorado Rail Authority** that owns, builds, and manages the operation of convenient, efficient, and environmentally-sustainable passenger rail service connecting the Front Range cities with the world-renowned and high-demand mountain town destinations of Colorado.

Transportation between the Front Range and the mountain towns of the Interstate 70 (I-70) corridor remains one of the largest and most visible transportation challenges faced by Coloradans today. Colorado's two densest corridors for population and tourism are the Front Range (Pueblo to Fort Collins) and the I-70 Mountain Corridor extending westward from Denver to Grand Junction. Today, road travel is the overwhelmingly dominant form of transportation between the Front Range and mountains due to historical Federal highway investment and a lack of substantial state investment in any other modes.

Expansion of I-70 highway infrastructure is not the best solution to improve connectivity between these regions. The I-70 corridor is geographically-constrained, with expansion projects costing billions. Additionally, any highway investment cannot overcome the risks and disruptions from severe mountain weather and driver error that result in accidents. Often, the highway experiences full closure for hours or days. CDOT has conducted numerous studies to find alternative modes of transportation that can relieve I-70. Sadly, none have quantified the benefits of conventional rail that utilizes primarily-existing infrastructure.

It is time for Colorado to:

1. Establish a Colorado Rail Authority, as an agency of the Colorado Department of Transportation, directed to owning and building rail infrastructure.
2. Position this Authority with funding to purchase existing rail infrastructure.
3. Introduce new passenger rail service between Denver International Airport, Union Station, and Grand Junction. Additional branch lines can serve Steamboat Springs, Craig, and Montrose.
4. Establish an I-70 Freight Traffic Bypass via a Truck-on-Train Bridge between East Denver (near Tower Road and I-70), and west of Grand Junction.



Background on Existing Infrastructure

Investments in Western Rail will facilitate safer I-70 driving conditions for cars AND offer a more affordable, attractive, and environmentally-sustainable travel option for Coloradans and out-of-state visitors.

The I-70 highway is the only major four lane highway over the Continental Divide in the State. Congestion on I-70 has currently exceeded capacity, especially during peak recreational travel times. It is prone to regular shutdowns during inclement weather. As a consequence, Colorado's mountain destinations remain insufficiently connected to the largest population centers of the Front Range.

There are two vital rail lines connecting the Front Range to the Western Slope that are ripe for public investment. The northern route extends west from Denver via the Moffat Tunnel, this is the current route of Amtrak's California Zephyr and Winter Park Express, further west it branches to Steamboat Springs and Craig. The southern route extends west from Pueblo via Tennessee Pass (out of service since 1998). Both routes converge at Dotsero along I-70 to serve Glenwood Springs and Grand Junction. Another branch line extends south from Grand Junction to Montrose.

At present, the Moffat Tunnel route is used primarily to transport unit trains of crude oil. Each of these 90 car trains contain a total of over 2.5 million gallons of HAZMAT placarded toxic crude. The trains travel through the fragile and semi-unstable canyons of the Colorado River, the Fraser River, or South Boulder Creek. More than 40 million people in the southwestern United States rely on clean water flowing in these rivers. If an oil train derails, spilling its contents into a river, the results will be catastrophic. It is unconscionable that such risks are being taken. These toxic trains should be diverted. States do not have the authority to regulate the transit of legal commodities through their territories by railroad companies, even when the train cars have HAZMAT placards. The best long-term solution is for the State of Colorado to own the line. Then the State can decide the parameters and commodities to allow over their rails.

The Solution

The State of Colorado can expand its public transportation services most efficiently by equipping itself to own and operate passenger rail services between the Front Range and Mountain Communities. Such service can be further extended by Bustang operations. The **Moffat Tunnel Line** and the out of service **Tennessee Pass Line** are under-utilized freight rail infrastructure which the state must be equipped to purchase. When owned, these routes can be employed for passenger rail operations as well as a "truck-on-train" rail bridge and still allows rail operators (UP, BNSF, Amtrak, Rocky Mountaineer, etc.) trackage rights to serve businesses in Colorado. To position Colorado for success, a state-level authority must be created with the directive and funding to acquire, build, and operate passenger rail.

While both routes have tremendous potential for passenger service, the Moffat Tunnel Line has the potential to move more than 5,000 passengers per day if emissions-free trains are employed. Rail can use low-carbon sources of energy including overhead electrification supplemented by battery and/or diesel hybrid power. Emissions-free operations doubles the capacity of the Moffat Tunnel Line by eliminating the need to vent contaminated air in the 6.2 mile long Moffat Tunnel between trains. Bus connections radiating out as "branches" from that "Railroad Trunk Line" can serve many more communities including ski resorts, using the VelociRFTA service in the Roaring Fork Valley as an excellent model of what a successful bus branch service looks like in the Colorado high country.

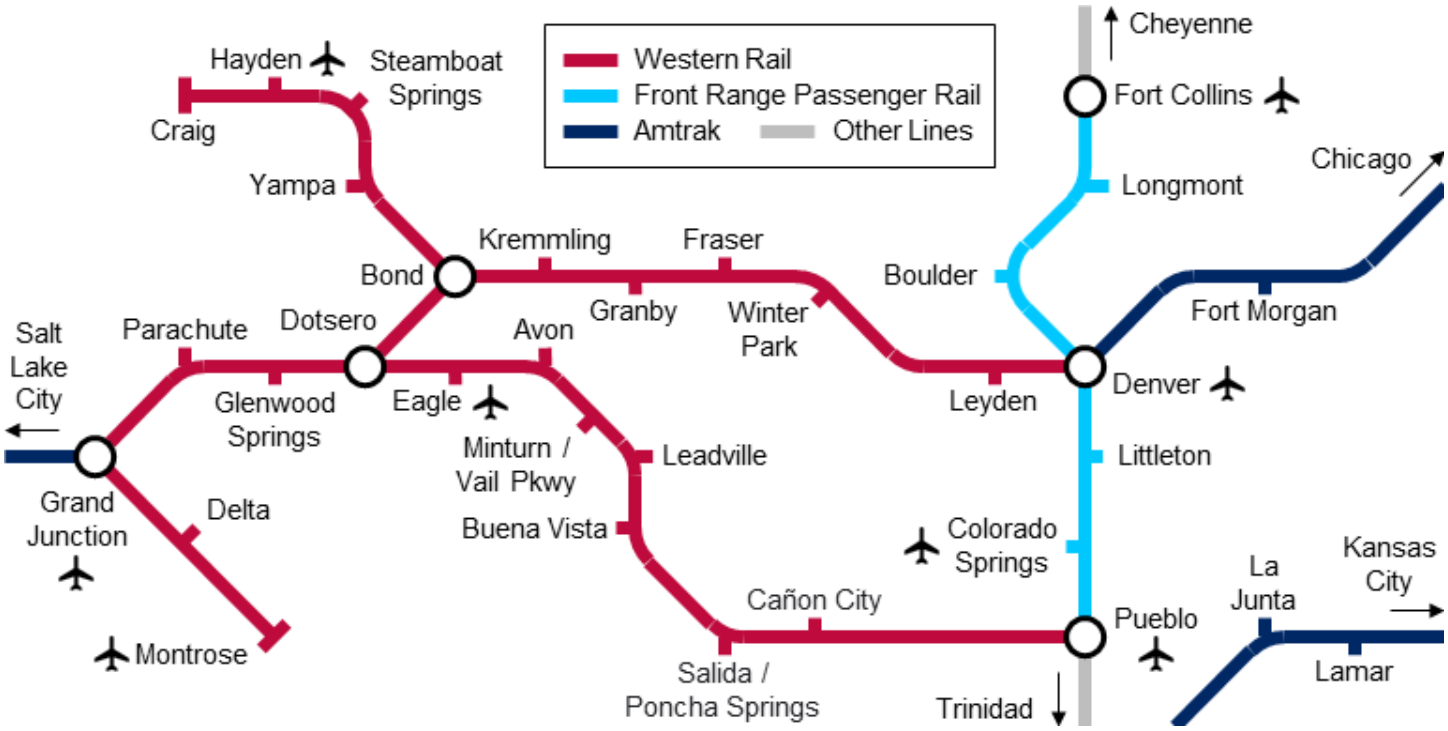
A Bold Vision for Western Rail
I-70 Traffic Relief and Alternative via Rail

I-70 driver safety can also be greatly enhanced by a semi-truck **Freight Traffic Bypass via a "Truck-on-Train Bridge"**. Such service will be capable of transporting up 1,200 big rigs and drivers per day safely over the mountains in all weather conditions without driving through Glenwood Canyon, over Vail Pass, or down from the Eisenhower/Johnson Tunnel. In addition, reopening the Tennessee Pass line between Dotsero and Pueblo will make regular daily Truck-on-Train service possible, thus relieving the I-25 corridor as well.

Reopening of the portion of Tennessee Pass from Dotsero to Leadville will allow thousands of visitors and workers in the Eagle River Valley, including to Vail / Beaver Creek, access to safe and reliable transit. Longer-distance passenger service along the full Tennessee Pass line from Pueblo to Grand Junction via Salida, Buena Vista, and Leadville would open a new accessible and sustainable door to outdoor adventure in the state.

Maximizing the potential of rail with strategic bus connections can result in 50,000 passengers per day going to 55 destinations without adding any traffic to I-70 choke-points. Rail is the obvious option that increases capacity, improves safety, protects the environment, and can be implemented on an urgent timeline.

Western Rail Map



CRUX: The most vital part of realizing such a plan is gaining enough ownership over existing rights-of-way, which are currently owned by the Union Pacific Corporation. Achieving this will require powerful and focused leadership, new funding districts, and careful coordination across state & local government agencies. If Colorado's citizens hope to realize meaningful passenger rail west of the Front Range, they cannot be subject to UPRR dispatching and freight train delays.

Currently, the UPRR dispatches about 8-10 trains per day over the Moffat line. Even with this small number, they are unable to dispatch 2 Amtrak trains a day in a timely manner. More than half the runs of the California Zephyr arrived late so far in 2024. When the Winter Park Express ski train is counted into the mix, performance drops even further. How can Colorado hope that the UPRR will do any better with the addition of multiple state-sponsored passenger trains?

If the Colorado Rail Authority is created, and they have full control over the Moffat and Tennessee Pass lines, Colorado would take the lead in the clean-transportation revolution: rail use that will achieve the lofty goals set out by the Governor of Colorado in the 2024 State of the State speech.

Therefore, we call upon Colorado's Department of Transportation to focus on providing safe, reliable, frequent, and affordable public transportation to as many communities west of Denver as possible, and to ensure freight in the western half of Colorado is ecologically safe, and maximized to the greatest good of the people of the State.

How to create a new Colorado Rail Authority (CRA)

A new Colorado Rail Authority (CRA) will be designed to identify and develop future rail corridors in the State of Colorado and work in harmony with the state Public Utilities Commission (PUC), FRA, and the various constituent transit agencies using one of two models:

1. **The "MBTA Model" - the new rail authority is owned as a branch of the state DoT (CDOT).** In Massachusetts, MassDOT owns their version of RTD Commuter Rail (MBTA) including the rails of the heavily-trafficked Northeast Corridor between Boston and the Rhode Island border where MBTA's commuter trains share track with intercity Amtrak trains. CDOT ownership would make it easier to integrate and expand intercity services if the CRA were entitled to a set percentage of annual agency capital expenditure (CAPEX) dollars, gradually phasing up from 5% to 20%. This would enforce the State's existing mandate for CDOT to expand beyond being just a highway owner and operator with the responsibility for constructing, operating, and expanding equitable and sustainable transit mobility statewide.

2. **The "Caltrain Model"** - alternatively, the CRA could be composed as a joint powers board that is appointed, administered and funded by the transit agencies along its route(s) such as RTD, Transfort, RFTA, and Mountain Metro. This requires more coordination, but should result in an organization that has a strong focus on rail.

By modeling rail service in Colorado off of successful passenger rail configurations, we can create an improved rail system for all Coloradans that is fast, efficient, and cost-effective.

The Future



With the Colorado Rail Authority established, the aforementioned existing rail purchased by the state, and passenger service established on existing rail routes (Phase 1), it will become more feasible to invest in stretches of new tracks to provide convenient rail connections from Denver (and Denver International Airport) directly to all major ski resorts and towns within Summit and Eagle Counties with speeds that can be competitive with driving (Phase 2). The Colorado Rail Authority gives CDOT the capability to complete the vision of long term congestion relief as set out in the I-70 Mountain Corridor Record of Decision/PEIS (Programmatic Environmental Impact Statement) and the I-70 AGS (Advanced Guideway Study).

Best Regards,

Brad Swartzwelter
ColoRail

Ed Callahan
ColoRail

James Flattum
Greater Denver Transit

Richard Bamber
Greater Denver Transit

BEFORE THE

SURFACE TRANSPORTATION BOARD

ENTERED
Office of Proceedings
March 15, 2021
Part of
Public Record

FINANCE DOCKET NO. 36471

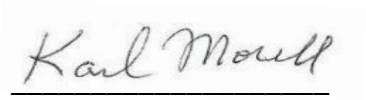
COLORADO, MIDLAND & PACIFIC RAILWAY COMPANY - LEASE AND OPERATION EXEMPTION CONTAINING INTERCHANGE COMMITMENT - UNION PACIFIC RAILROAD COMPANY

MOTION TO AMEND NOTICE OF EXEMPTION

On December 31, 2020, Colorado, Midland & Pacific Railway Company ("CMPR") filed a Notice of Exemption to permit CMPR to lease from Union Pacific Railroad Company the 163.1-mile rail line located between Milepost 171.90, at Parkdale, CO, and Milepost 335.00, near Sage, CO (the "Line"). A number of parties in this proceeding have filed in opposition to the proposed lease mainly on the erroneous contention that CMPR was intending to transport crude oil, coal or hazardous commodities over the Line. Similarly, in Finance Docket 36284, *Seven County Infrastructure Coalition – Rail Construction & Operation Exemption – In Utah, Carbon, Duchesne and Uintah Counties, Utah,* a few entities are maintaining that the Board must take into account the potential for crude oil trains from the Uintah Basin traversing the Line. *See e.g.,* the comments of the Center for Biological Diversity. These erroneous contentions are being made notwithstanding CMPR's emphatic statements that CMPR has no intent, much less ability, to transport these commodities over the Line due to features of the Line that make it logistically impractical to do so. For example, the Line has more than 11 miles of 3.0 percent grade.

In order to dispel these unwarranted concerns, CMPR respectfully requests that the Board restrict the proposed lease of the Line against the transportation of crude oil, coal and hazardous commodities. In so doing, CMPR will be authorized only to transport passengers and general commodities, except crude oil, coal and hazardous commodities over the Line. While limitations on the scope of the commodities to be handled are not usually imposed, they are not unique. *See e.g.,* STB Finance Docket No.33132, *Providence and Worcester Railroad Company – Acquisition and Operation Exemption – Certain Rights of Consolidated Rail Corporation (not printed),* served October 3, 1996 (operations limited to the transportation of sand and stone).

Respectfully submitted,



KARL MORELL
Karl Morell and Associates
Suite 440
440 1st Street, N.W.
Washington, DC 20001
(202) 595-9045

Dated March 15, 2021

All parties of record

ENTERED
Office of Proceedings
December 31, 2020
Part of
Public Record

BEFORE THE

SURFACE TRANSPORTATION BOARD

FINANCE DOCKET NO. 36471

COLORADO, MIDLAND & PACIFIC RAILWAY COMPANY
--LEASE AND OPERATION EXEMPTION CONTAINING INTERCHANGE COMMITMENT--
UNION PACIFIC RAILROAD COMPANY

VERIFIED NOTICE OF EXEMPTION
Pursuant to 49 C.F.R. § 1150.31, Et Seq.

FEE RECEIVED
December 31, 2020
SURFACE
TRANSPORTATION BOARD

F I L E D
December 31, 2020
SURFACE
TRANSPORTATION BOARD

KARL MORELL
Karl Morell and Associates
Suite 440
440 1st Street, N.W.
Washington, D.C. 20001
(202) 595-9045

Attorney for:
COLORADO, MIDLAND & PACIFIC
RAIWAY COMPANY

Dated: December 31, 2020

BEFORE THE

SURFACE TRANSPORTATION BOARD

FINANCE DOCKET NO. 36471

COLORADO, MIDLAND & PACIFIC RAIWAY COMPANY
--LEASE AND OPERATION EXEMPTION CONTAINING INTERCHANGE COMMITMENT--
UNION PACIFIC RAILROAD COMPANY

VERIFIED NOTICE OF EXEMPTION
Pursuant to 49 C.F.R. § 1150.31, Et Seq.

Colorado, Midland & Pacific Railway Company ("CMPR"), a non-carrier, files this Notice of Exemption pursuant to 49 C.F.R. Part 1150, Subpart D--Exempt Transactions, to permit CMPR to lease from Union Pacific Railroad Company ("UP") and operate approximately 163.1 route miles of rail line located in Colorado.

In support of this Notice of Exemption, CMPR submits the following information as required by 49 C.F.R. § 1150.33:

(a) Full name and address of applicant:

Colorado, Midland & Pacific Railway Company
6100 Southwest Blvd., Suite 320
Fort Worth, Texas 76109

(b) Applicant's Representative:

Karl Morell
Karl Morell and Associates
Suite 440
440 1st Street, N.W.
Washington, DC 20001
(202) 595-9045

(c) Statement of Agreement:

CMPR will shortly enter into an agreement to lease the rail line from UP.

(d) The operator of the property:

CMPR will be the operator of the leased line.

(e) Summary of proposed transaction:

(1) The name and address of the company leasing the subject property:

Union Pacific Railroad Company
1400 Douglas Street
Omaha, NE 68179

(2) The involved transaction is expected to be consummated on or shortly after the effective date of this Notice of Exemption.

(3) The 163.1-mile rail line that CMPR will lease from UP is located between Milepost 171.90, at Parkdale, Colorado, and Milepost 335.00, near Sage, Colorado in Fremont, Chaffee, Lake and Eagle Counties, Colorado.

(4) The length of the rail line being leased is approximately 163.10 miles.

(f) A map of the rail line being leased is attached as Exhibit A.

(g) CMPR hereby certifies that CMPR's projected revenues as a result of this transaction will not result in CMPR becoming a Class II or Class I rail carrier. CMPR further certifies that the projected annual revenue of CMPR will not exceed $5 million. Consequently, the requirements of 49 C.F.R. § 1150.32(e) do not apply to this transaction.

(h)(i) The Agreement between CMPR and UP contains a provision that will require CMPR to pay to UP additional charges if CMPR interchanges certain traffic with a rail carrier other than UP. The affected interchange points are Parkdale, CO and Dotsero, CO.

(ii) The Agreement is being filed with the Board under 49 C.F.R. § 1104.14(a).

(iii) There has been no traffic on the Line in over 20 years.

(iv) There has been no traffic on the Line in over 20 years.

(v) There has been no traffic on the Line in over 20 years.

(vi) BNSF Railway Company.

(vii) Information being filed under Section § 1104.14(a).

A caption summary, as required by 49 C.F.R. § 1150.34, is attached.

ENVIRONMENTAL AND HISTORIC IMPACTS

CMPR is leasing the line from UP for continued rail operations. Further Board approval is required for CMPR to discontinue any service and there are no plans to dispose of or alter properties subject to Board jurisdiction that are 50 years old or older. Hence, this Notice of Exemption does not require an historic report under 49 C.F.R. § 1105.8(b)(1).

CMPR's lease and operation of the rail line will not result in significant changes in carrier operations. There will not be a diversion of: (1) more than 1,000 rail carloads a year to motor carriage; or (2) an average of 50 carloads per mile per year for any part of this line to motor carriage. This transaction will not result in: (1) an increase in rail traffic of at least 100 percent or an increase of at least eight trains a day on any segment of the line; (2) an increase of rail yard activity of at least 100 percent; or (3) an average increase in truck traffic of more than 10 percent of the average daily traffic or 50 vehicles a day. CMPR's lease and operation of the rail line will not affect a Class I or nonattainment area under the Clean Air Act. In any event, the thresholds of 49 C.F.R. § 1105.7(e)(5)(ii) will not be exceeded. Finally, the transportation of ozone depleting materials is not contemplated. Therefore, no environmental documentation is required under 49 C.F.R. § 1105.6(c)(2).

This action will not significantly affect either the quality of the human environment or energy conservation.

Respectfully submitted,



_____

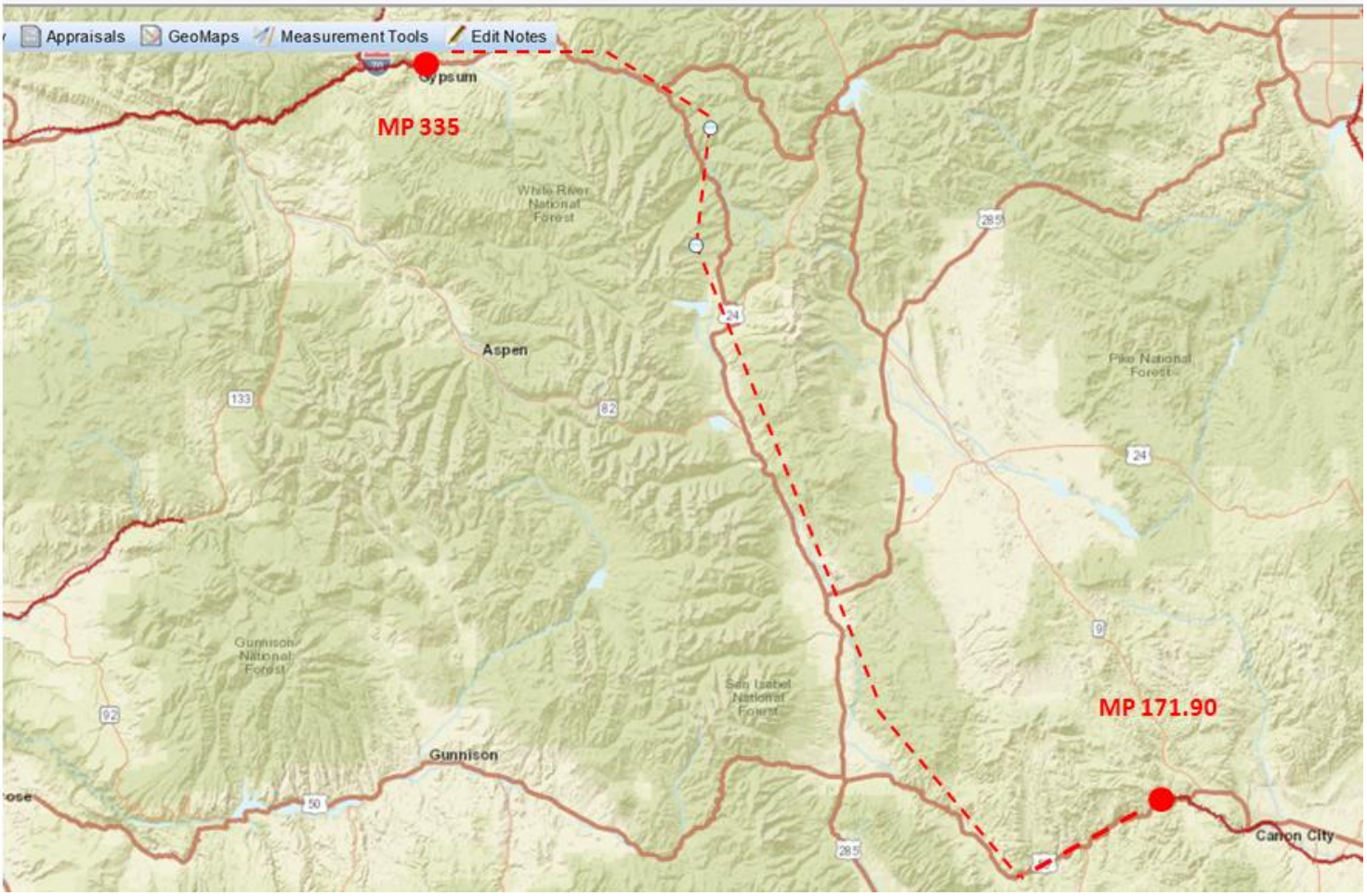
KARL MORELL
Karl Morell and Associates
Suite 440
440 1st Street, N.W.
Washington, DC 20001
(202) 595-9045

Attorney for:
COLORADO, MIDLAND & PACIFIC RAILWAY COMPANY

Dated: December 31, 2020

EXHIBIT A

EXHIBIT "1"



WARNING

IN ALL OCCASIONS, U.P. COMMUNICATIONS DEPARTMENT MUST BE CONTACTED IN ADVANCE OF ANY WORK TO DETERMINE EXISTENCE AND LOCATION OF FIBER OPTIC CABLE.
PHONE: 1-(800) 336-9193

EXHIBIT "1"
UNION PACIFIC RAILROAD COMPANY
TENNESSEE PASS SUBDIVISION
RAILROAD MP 171.90 to MP 335.00
FREMONT, CHAFFEE, LAKE, EAGLE COUNTIES, CO
Folder No. 1847-45

SURFACE TRANSPORTATION BOARD

NOTICE OF EXEMPTION

FINANCE DOCKET NO. 36471

COLORADO, MIDLAND & PACIFIC RAILWAY COMPANY
--LEASE AND OPERATION EXEMPTION CONTAINING INTERCHANGE COMMITMENT--
UNION PACIFIC RAILROAD COMPANY

Colorado, Midland & Pacific Railway ("CMPR"), a non-carrier, has filed a notice of exemption to lease from Union Pacific Railroad Company ("UP"), and operate approximately 163.10 miles of rail line. The rail line being leased is located between Milepost 171.90, at Parkdale, CO, and Milepost 335.00, near Sage Colorado, CO, in Fremont, Chaffee, Lake and Eagle Counties, CO.

Comments must be filed with the Board and served on Karl Morell, Suite 440, 440 1st Street, N.W., Washington, DC 20001, (202) 595-9045.

This notice is filed under 49 C.F.R. 1150.31. If the notice contains false or misleading information, the exemption is void ab initio. The filing of a petition to revoke will not automatically stay the transaction.

VERIFICATION

STATE MINNESOTA)
) ss.
COUNTY OF DAKOTA)

I, Robert L. Bach, being duly sworn depose and state that I am President of Colorado, Midland & Pacific Railway Company, that I am authorized to make this verification, and that I have read the foregoing Notice of Exemption and know the facts asserted therein are true and accurate as stated to the best of my knowledge, information, and belief.

Robert L Bach

SUBSCRIBED AND SWORN TO before me this 29th day of December, 2020, in the County of Dakota, State of Minnesota

My Commission Expires: 1/31/2021

Susan Joan Stevens
Notary Public

SUSAN JOAN STEVENS
NOTARY PUBLIC - MINNESOTA
My Commission Expires Jan. 31, 2021

301411

Karl Morell & Associates
440 1st Street, NW, Suite 440
Washington, DC 20001
(202) 595-9045
karlm@karlmorell.com

ENTERED
Office of Proceedings
December 31, 2020
Part of
Public Record

December 31, 2020

E-FILED

Cynthia Brown
Chief, Section of Administration
Surface Transportation Board
Office of Proceedings
395 E Street, SW
Washington, DC 20423

Re: Docket No. 36470, Rio Grande Pacific Corporation – Continuance In Control Exemption – Colorado, Midland & Pacific Railway Company

Attached for filing is a Verified Notice of Exemption under 49 C.F.R. § 1180.2(d)(2). The filing fee of $1,600 has been tendered electronically via Pay.gov.

If you have any questions, please call me.

Sincerely,

Karl Morell

Karl Morell

Enclosures

F I L E D
December 31, 2020
SURFACE
TRANSPORTATION BOARD

FEE RECEIVED
December 31, 2020
SURFACE
TRANSPORTATION BOARD

BEFORE THE

SURFACE TRANSPORTATION BOARD

FINANCE DOCKET NO. 36470

RIO GRANDE PACIFIC CORPORATION
--CONTINUANCE IN CONTROL EXEMPTION—
COLORADO, MIDLAND & PACIFIC RAILWAY COMPANY

VERIFIED NOTICE OF EXEMPTION
Pursuant to 49 C.F.R. § 1180.2(d)(2)

Karl Morell
Karl Morell and Associates
Suite 440
440 1st Street, N.W.
Washington, D.C. 20001
(202) 595-9045

Attorney for Applicant

Dated: December 31, 2020

BEFORE THE

SURFACE TRANSPORTATION BOARD

FINANCE DOCKET NO. 36470

RIO GRANDE PACIFIC CORPORATION
--CONTINUANCE IN CONTROL EXEMPTION—
COLORADO, MIDLAND & PACIFIC RAILWAY COMPANY

VERIFIED NOTICE OF EXEMPTION
Pursuant to 49 C.F.R. § 1180.2(d)(2)

Rio Grande Pacific Corporation ("RGPC"), a non-carrier holding company, files this Notice of Exemption, pursuant to 49 C.F.R. § 1180.2(d)(2), for RGPC to continue in control of Colorado, Midland & Pacific Railway Company ("CMPR"), a non-carrier, upon CMPR becoming a Class III railroad. In support of this Notice of Exemption, the following information as required by 49 C.F.R. § 1180.4(g) is submitted:

Section 1180.6 Supporting Information

(a)(1)(i) Description of Proposed Transaction

RGPC, a non-carrier, currently controls 4 Class III railroads, as follows:

Nebraska Central Railroad Company

New Orleans & Gulf Coast Railway Company

Wichita, Tillman and Jackson Railway Company

Idaho Northern and Pacific Railroad Company

RGPC also owns 100 percent of the issued and outstanding stock of CMPR, a non-carrier that was formed for the purpose of leasing and operating a rail line. Concurrently with the filing of this Notice of Exemption, CMPR is filing a Notice of Exemption in Finance Docket No. 36471, *Colorado, Midland & Pacific Railway Company – Lease and Operation Exemption Containing Interchange Commitment – Union Pacific Railroad Company*, under 49 C.F.R § 1150.31, to lease and operate a rail line owned by Union Pacific Railroad Company ("UP"). Upon consummation of the transaction in Finance Docket No. 36471, CMPR will become a Class III carrier.

The rail line to be operated by CMPR is located between Milepost 171.90, at Parkdale, Colorado and Milepost 335.00, near Sage, Colorado in Fremont, Chaffee, Lake, and Eagle Counties, Colorado.

The rail lines operated by the RGPC carriers do not connect with the rail line to be operated by CMPR. Also, the involved transaction is not part of a series of anticipated transactions that would connect the rail line to be operated by CMPR with any railroad in the RGCP corporate family. Finally, neither RGPC nor any of the carriers controlled by RGPC are Class I rail carriers. Accordingly, this transaction falls within the class of transactions described at 49 C.F.R. § 1180.2(d)(2), and exempt from prior approval by the Board.

Applicants are:

Rio Grande Pacific Corporation
6100 Southwest Blvd. Suite 320
Fort Worth, Texas 76109

Nebraska Central Railroad Company
304 N. 5th Street
Norfolk, NE 68701

New Orleans & Gulf Coast Railway Company
9387 Highway 23
Belle Chasse, LA 70037

Wichita, Tillman & Jackson Railway Company
700 Jefferson Street
Wichita Falls, TX 76304

Idaho Northern & Pacific Railroad Company
119 North Commercial Avenue
Emmett, Idaho 83617

Colorado, Midland & Pacific Railway Company
6100 Southwest Blvd. Suite 320
Fort Worth, Texas 76109

Applicants' representative:
Karl Morell
Karl Morell & Associates
440 1st Street, N.W.
Suite 440
Washington, D.C. 20001
(202) 595-9045

(a)(1)(ii) Consummation Date

The proposed transaction will be consummated on or shortly after the effective date of this Notice of Exemption and the Notice of Exemption in Finance Docket No. 36471.

(a)(1)(iii) Purpose Sought to be Accomplished

RGPC intends to reduce overhead expenses, coordinate billing, maintenance, mechanical and personnel policies and practices of its rail carrier subsidiaries and thereby improve the overall efficiency of rail service provided by the railroads in the RGPC corporate family.

(a)(5) List of States

The properties of the rail carriers controlled RGPC are located in the following states: Nebraska, Louisiana, Texas, Oklahoma, Idaho and Oregon. The rail line to be operated by CMPR is located in Colorado.

(a)(6) Map

Maps of the rail lines operated by the Class III carriers controlled by RGPC and the rail line to be operated by CMPR are attached as Exhibit 1.

(a)(7)(ii) Agreement

No agreement is necessary for RGPC to control CMPR.

LABOR PROTECTION

Under 49 U.S.C. § 10502(g), the Surface Transportation Board ("Board") may not use its exemption authority to relieve a rail carrier of its statutory obligation to protect the interests of its employees. Section 11326 (c), however, does not provide for labor protection for transactions under sections 11324 and 11325 that involve only Class III rail carriers. Because this transaction involves Class III rail carriers only, the Board, under the statute, may not impose labor protective conditions for this transaction.

ENVIRONMENTAL AND HISTORIC IMPACTS

RGPC is obtaining control of CMPR for the purpose of continued rail operations where further Board approval is required to abandon or discontinue any service, and there are no plans to dispose of or alter properties subject to Board jurisdiction that are 50 years old or older. Hence, this Notice of Exemption does not require an historic report under 49 C.F.R. § 1105.8(b)(1).

The control by RGPC of CMPR is exempt from environmental reporting pursuant to 49 C.F.R. § 1105.6(c)(2)(i) and (ii).

This action will not significantly affect the quality of the human environment or energy conservation.

Respectfully submitted,

Karl Morell

_____

KARL MORELL
Karl Morell and Associates
Suite 440
440 1st Street, N.W.
Washington, DC 20001
(202) 595-9045

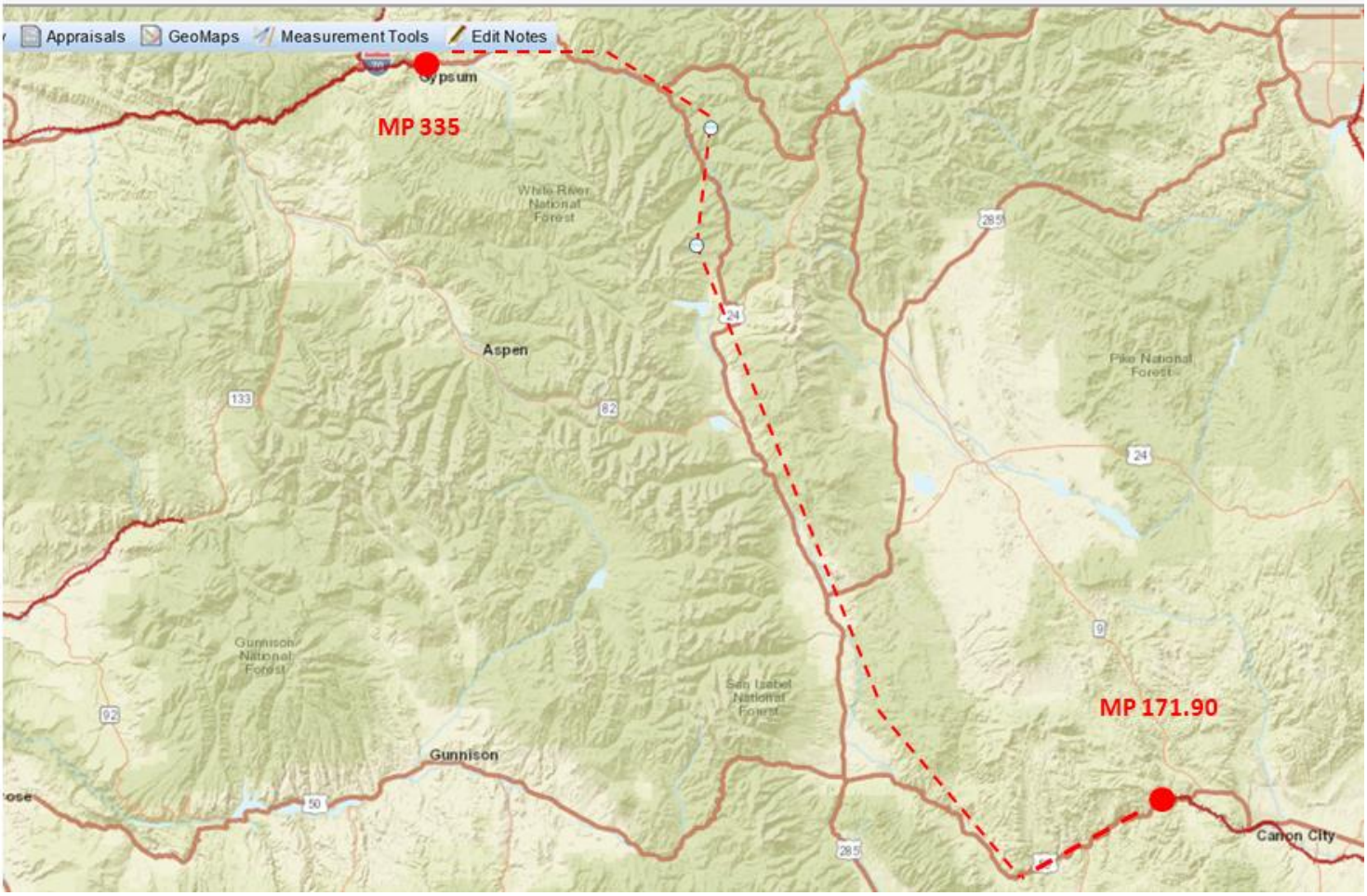
Attorney for Applicants

Dated: December 31, 2020

EXHIBIT 1

MAPS

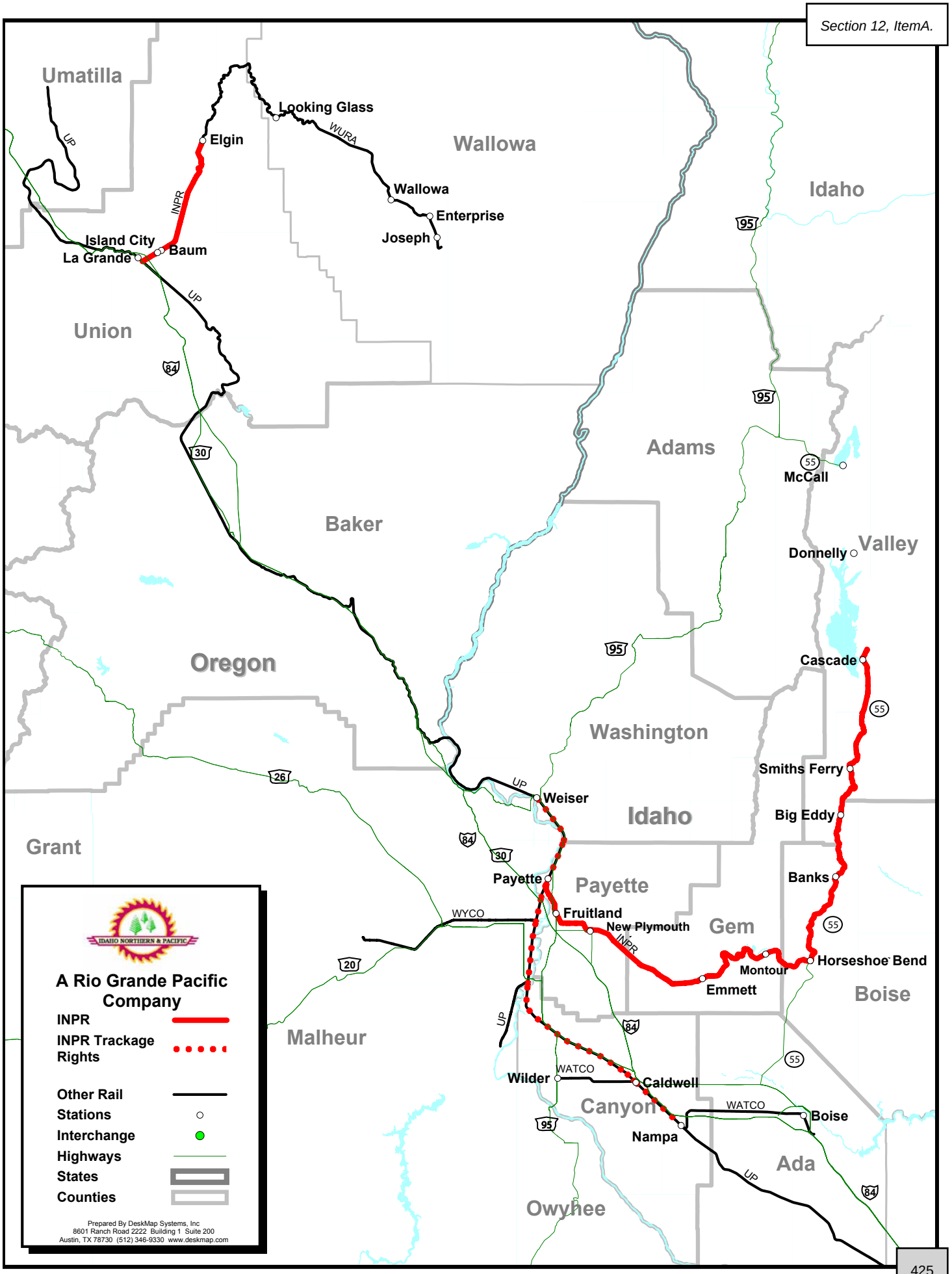
EXHIBIT "1"

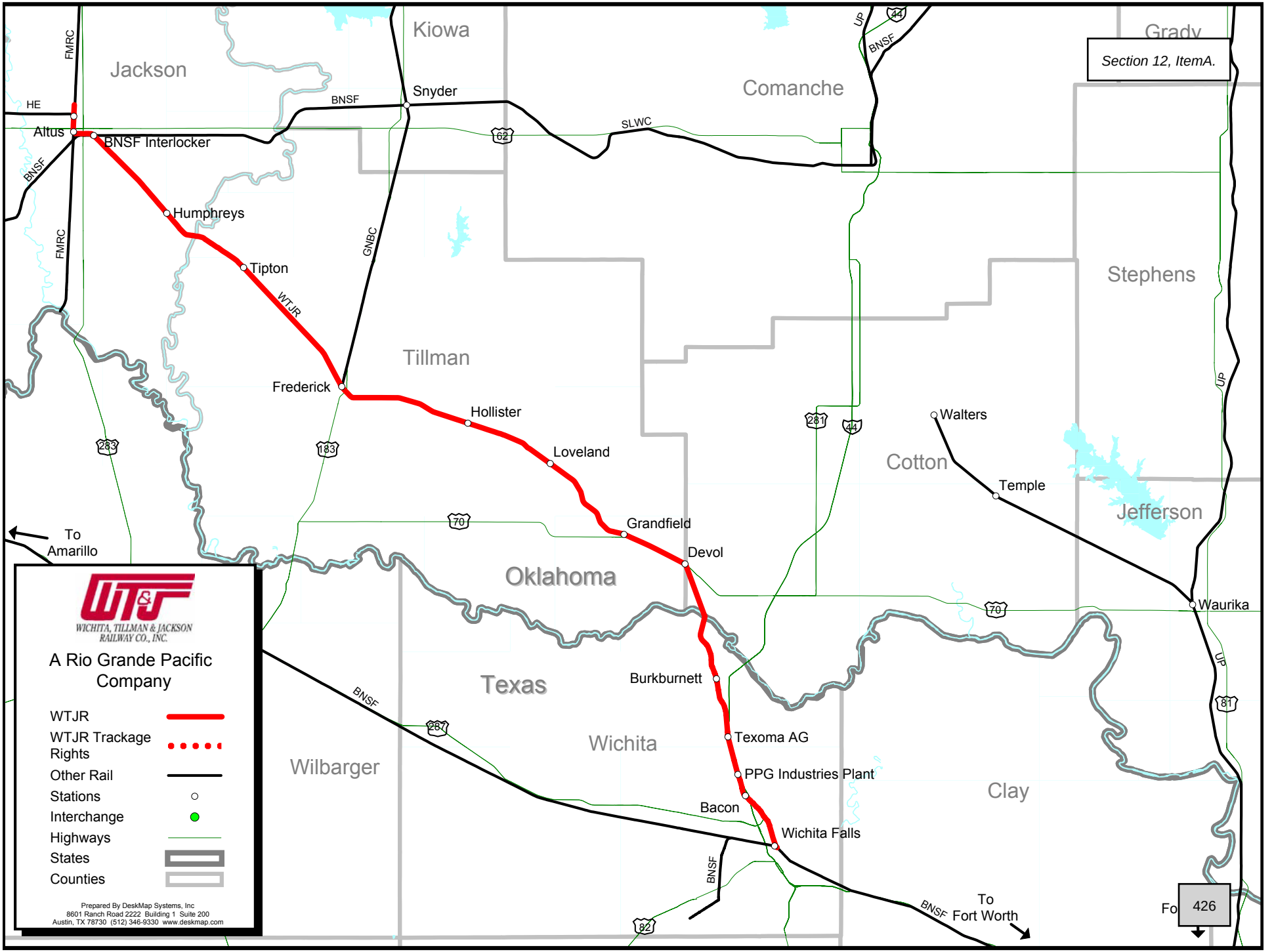


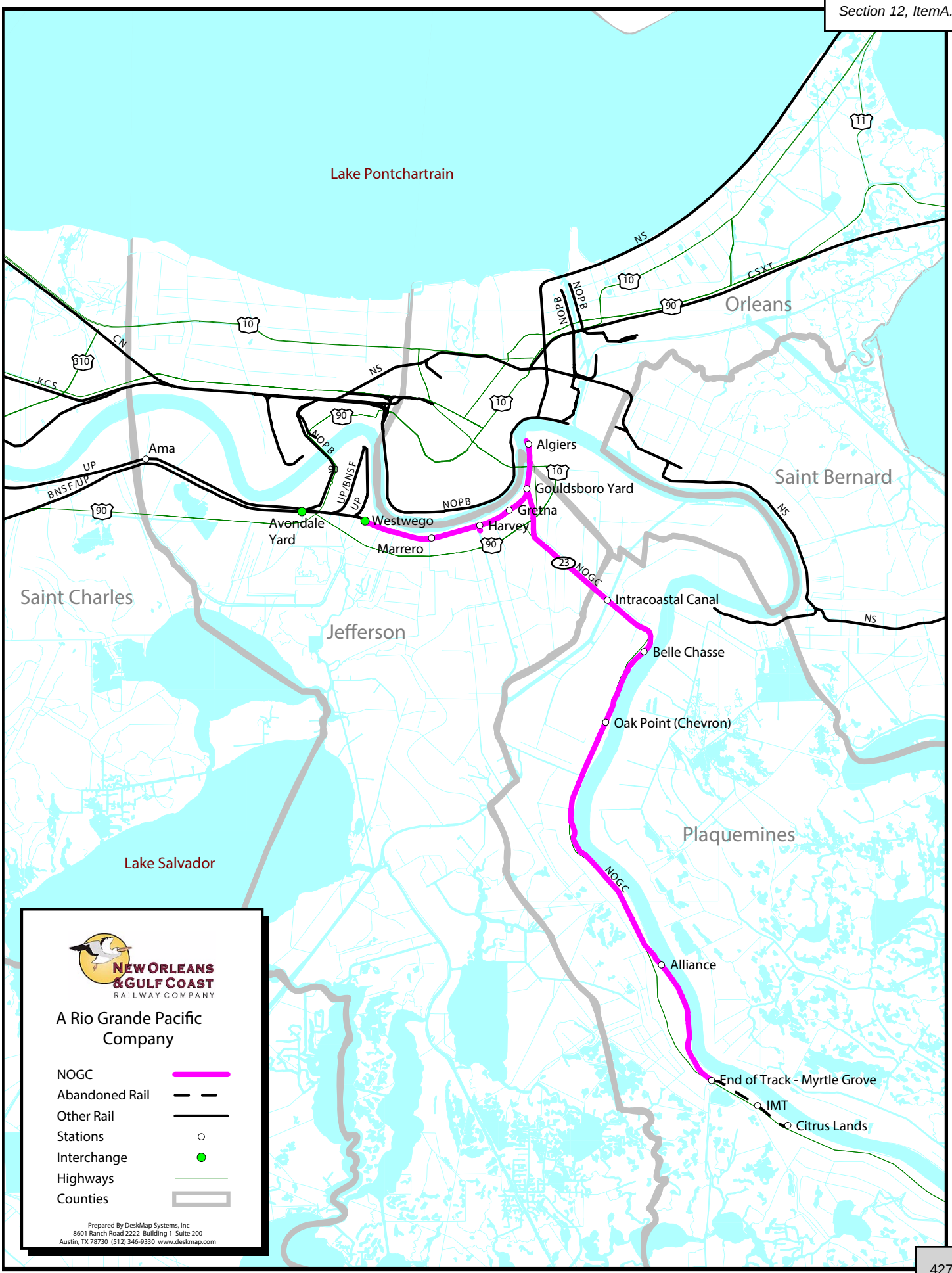
WARNING

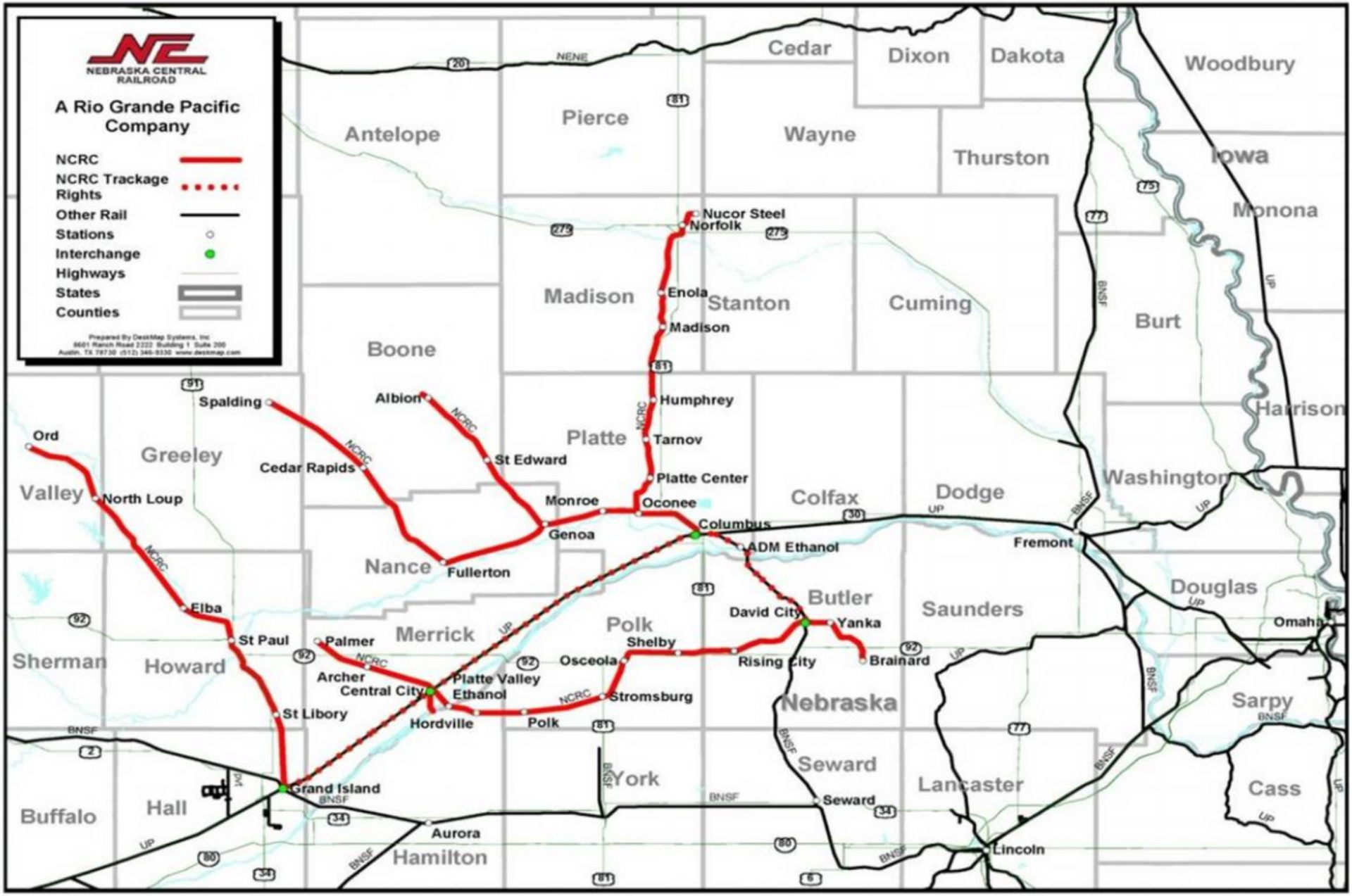
IN ALL OCCASIONS, U.P. COMMUNICATIONS DEPARTMENT MUST BE CONTACTED IN ADVANCE OF ANY WORK TO DETERMINE EXISTENCE AND LOCATION OF FIBER OPTIC CABLE.
PHONE: 1-(800) 336-9193

EXHIBIT "1"
UNION PACIFIC RAILROAD COMPANY
TENNESSEE PASS SUBDIVISION
RAILROAD MP 171.90 to MP 335.00
FREMONT, CHAFFEE, LAKE, EAGLE COUNTIES, CO
Folder No. 1847-45


Umatilla
Looking Glass
Elgin
WURA
Wallowa
Wallowa
Enterprise
Joseph
Idaho
INPR
Island City
La Grande
Baum
UP
95
Union
84
30
Adams
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McCall
Baker
Valley
Donnelly
Oregon
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Cascade
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Washington
Smiths Ferry
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UP
Weiser
Idaho
Big Eddy
Grant
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Payette
Payette
Banks
WYCO
Fruitland
New Plymouth
Gem
55
INPR
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Montour
Horseshoe Bend
Emmett
Boise
UP
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Malheur
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WATCO
Wilder
Caldwell
Canyon
WATCO
Boise
95
Nampa
Ada
UP
84
Owyhee
A Rio Grande Pacific Company
INPR
INPR Trackage Rights
Other Rail
Stations
Interchange
Highways
States
Counties
Prepared By DeskMap Systems, Inc
8601 Ranch Road 2222 Building 1 Suite 200
Austin, TX 78730 (512) 346-9330 www.deskmap.com


Jackson
Kiowa
Comanche
Grady
Stephens
Tillman
Cotton
Jefferson
Clay
Wilbarger
Wichita
Oklahoma
Texas
Altus
BNSF Interlocker
Humphreys
Tipton
Frederick
Hollister
Loveland
Grandfield
Devol
Burkburnett
Texoma AG
PPG Industries Plant
Bacon
Wichita Falls
Snyder
Walters
Temple
Waurika
HE
FMRC
BNSF
SLWC
GNBC
WTJR
UP
To Amarillo
To Fort Worth
283
183
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WICHITA, TILLMAN & JACKSON RAILWAY CO., INC.
A Rio Grande Pacific Company
WTJR
WTJR Trackage Rights
Other Rail
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Lake Pontchartrain
Orleans
Saint Bernard
Jefferson
Saint Charles
Plaquemines
Lake Salvador
Ama
Avondale Yard
Westwego
Marrero
Harvey
Gretna
Algiers
Gouldsboro Yard
Intracoastal Canal
Belle Chasse
Oak Point (Chevron)
Alliance
End of Track - Myrtle Grove
IMT
Citrus Lands
NOGC
NOPB
UP
BNSF/UP
UP/BNSF
CN
KCS
NS
CSXT
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NEW ORLEANS & GULF COAST RAILWAY COMPANY
A Rio Grande Pacific Company
NOGC
Abandoned Rail
Other Rail
Stations
Interchange
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Counties
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8601 Ranch Road 2222 Building 1 Suite 200
Austin, TX 78730 (512) 346-9330 www.deskmap.com


NEBRASKA CENTRAL RAILROAD
A Rio Grande Pacific Company
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NCRC Trackage Rights
Other Rail
Stations
Interchange
Highways
States
Counties
Cedar
Dixon
Dakota
Woodbury
Antelope
Pierce
Wayne
Thurston
Iowa
Monona
Nucor Steel
Norfolk
Madison
Enola
Stanton
Cuming
Burt
Boone
Humphrey
Tarnov
Platte
Platte Center
Harrison
Spalding
Albion
St Edward
Ord
Greeley
Cedar Rapids
Valley
North Loup
Monroe
Oconee
Colfax
Dodge
Washington
Columbus
Genoa
ADM Ethanol
Fremont
Nance
Fullerton
Butler
David City
Douglas
Saunders
Elba
Polk
Yanka
Omaha
St Paul
Palmer
Merrick
Shelby
Sherman
Howard
Archer
Central City
Platte Valley Ethanol
Osceola
Rising City
Brainard
Stromsburg
Nebraska
Sarpy
St Libory
Hordville
Polk
Grand Island
York
Seward
Lancaster
Cass
Buffalo
Hall
Seward
Aurora
Hamilton
Lincoln

VERIFICATION

I, Robert L. Bach, President of Rio Grande Pacific Corporation, hereby verify under penalty of perjury that the foregoing Notice of Exemption is true and correct as stated to the best of my knowledge, information and belief. Further, I certify that I am qualified and authorized to file the foregoing Notice of Exemption.

Executed on Dec. 29, 2020

Robert L Bach

Town of Minturn
301 Boulder St #309
Minturn, CO 81645
970-827-5645
council@minturn.org
www.minturn.org

FUTURE MEETING AGENDA ITEMS

Below reflects proposed topics to be scheduled at future Town Council meetings and is informational only. Dates and topics are subject to change.

November 6, 2024

- Special Presentation - Regional Housing Needs Assessment Update
- Special Presentation – Eagle Valley Land Trust – Keri Inouye
- FY 2024 Budget – Public Hearing
- Discussion/Direction – Phase II Main Street Sidewalks Update
- Discussion/Direction – Night Sky Compliance & Holiday Lighting

November 20, 2024

- FY 2024 1st Reading of Budget Ordinances
- Eagle County Gives Day Proclamation
- Resolution __ - Series 2024 A Resolution Adopting the 2025-2027 Minturn Strategic Plan
- Resolution __ - Series 2024 A Resolution for the Appointment of a Minturn Scholarship Fund Board Member

December 4, 2024

- FY 2024 2nd Reading of Budget Ordinances
- Resolution __ - A Resolution Approving the Updated Town of Minturn Employee Handbook
- Joint Work Session – Council/Planning Commission; Minturn Forward

Dates to be Determined:

- Discussion/Direction – Wildlife Migration Corridor/Winter Habitat Area and Approved Windows for Construction
- Discussion/Direction – Minturn North Parcel C (Town Parcel) Future Uses (Outreach / Communications Overview Only)
- Minturn Forward/Code Rewrite