



# REDEVELOPMENT AUTHORITY MEETING AGENDA

August 08, 2024 at 5:15 PM

Kronenwetter Municipal Center - 1582 Kronenwetter Drive Board Room (Lower Level)

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**1. CALL MEETING TO ORDER**

- A. Pledge of Allegiance
- B. Roll Call

**2. ANNOUNCEMENT OF CLOSED SESSION**

**3. PUBLIC COMMENT**

Please be advised per State Statute Section 19.84(2), information will be received from the public. It is the policy of this Village that Public Comment will take no longer than 15 minutes with a three-minute time period, per person, with time extension per the Chief Presiding Officer's discretion. Be further advised that there may be limited discussion on the information received, however, no action will be taken under public comments.

**4. REPORTS FROM STAFF AND VENDORS**

**5. NEW BUSINESS**

- C. Discussion & Possible Action: Project Updates presented by RPS
- D. Discussion & Possible Action: TID #2 Project Plan Amendment - Phase 1 - Feasibility presented by Ehlers
- E. Discussion & Possible Action: 2024 Street and Sewerage System Projects - Financing Plan - Presented by Ehlers

**6. OLD BUSINESS**

**7. PREVIOUS MEETING MINUTES FROM COMMISSIONS AND COMMITTEES**

- F. July 11, 2024 Meeting Minutes

**8. CLOSED SESSION**

CONSIDERATION OF MOTION TO CONVENE INTO CLOSED SESSION PURSUANT TO WIS. STAT. 19.85(1)(G); CONFERRING WITH LEGAL COUNSEL FOR THE GOVERNMENTAL BODY WHO IS RENDERING ORAL OR WRITTEN ADVICE CONCERNING STRATEGY TO BE ADOPTED BY THE BODY WITH RESPECT TO LITIGATION IN WHICH IT IS OR IS LIKELY TO BECOME INVOLVED. - TO WIT LEASE AND DEVELOPMENT AGREEMENT FOR POLZER HOLDINGS, LLC.

**9. RECONVENE OPEN SESSION**

Consideration of motion to reconvene into open session.

**10. ACTION AFTER CLOSED SESSION**

**11. CONSIDERATION OF ITEMS FOR FUTURE AGENDA**

**12. ADJOURNMENT**

**NOTE: Requests from persons with disabilities who need assistance to participate in this meeting or hearing should be made at least 24 hours in advance to the Village Clerk's office at (715) 693-4200 during business hours.**

Posted: 08/05/2024 Kronenwetter Municipal Center and [www.kronenwetter.org](http://www.kronenwetter.org)

Faxed: WAOW, WSAU, City Pages, Mosinee Times | Emailed: Wausau Daily Herald, WSAW, WAOW, Mosinee



## PROJECT STATUS MEMO TID2 PROJECTS

### LIFT STATION 8 UPGRADE ROAD REHAB - KRONENWETTER DRIVE SOUTH ROAD REHAB - PINEDALE, SEDONA, WEDGEWOOD, OAKDALE & WINDWOOD

To: Village of Kronenwetter RDA  
From: Robert J. Roth, PE  
Re: TID2 Projects  
Date: August 2, 2024

**BACKGROUND.** The Village of Kronenwetter had previously commissioned the design of LS8 along with the design/planning for certain roads within the TID2 Finance District. Design has commenced to the 90% stage. The purpose of this memo is to summarize the information available at this time, and to communicate project costs at this stage.

Plans for each project, along with the updated project estimates are attached for reference. That information is summarized within this document.

**CURRENT STATUS.** All projects have reached a 90% design status. As such, we have completed estimates and only have minor details, coordination and permitting remaining as we move towards bidding and contracting. As we finalize the plans in preparation for bidding, we may make adjustments for cost savings.

**SCOPE.** The following key design elements are included in the TID2 projects:

1. LS8 – upgrade with new forcemain route beyond LS4 & LS5, to discharge to a point upstream of LS7.
2. LS8 – upgrade system electrical and valve system, new above-ground valve vault.
3. LS8 – upgrade to size for future capacity within the TID2.
4. LS8 – extend 3-phase power and provide a generator.
5. LS8 – all costs are TID2 eligible including the 8” forcemain (16,000’+)
6. Road Rehab - address road conditions for level of traffic received, additional truck traffic on Kronenwetter Drive.

- 7. Road Rehab - maintain roadway width and functionality, with allowance for heavier traffic.
- 8. Road Rehab - rebuild portions of the roadway to increase base support and structure on Kronenwetter Drive, while improving base drainage and minimizing freeze-thaw effect in key areas.
- 9. Road Rehab - address roadway design elements where necessary (culverts, shoulders, sight vision, pavement markings, signage, etc.).
- 10. Road Rehab – costs are TID2 eligible within the TID2 district boundary. For the purpose of the scope, we have not extended road costs to the ½-mile offset because the justification for TID2 eligibility is questionable since the roads also serve other purposes. If this is desired by the Village, we will need specific direction to do so.

**PRELIMINARY PROJECT COST.** Project costs are summarized below for the projects, these numbers have been provided to Ehlers for analysis in the TID2 plan and for feasibility as of July 24, 2024:

|                                                                                  | Lift Station #8<br>Upgrade<br>TID2 | Kronenwetter Drive<br>South Portion<br>TID2 | Local Roads<br>TID2 |
|----------------------------------------------------------------------------------|------------------------------------|---------------------------------------------|---------------------|
| 90% Design Construction Cost<br>Estimate Including Contingencies<br>& Soft Costs | \$1,900,000                        | \$2,300,000                                 | \$2,100,000         |

**NEXT STEPS.** From the project engineering standpoint, we will release the public involvement plan as the next step, set up a public involvement meeting, initiate permitting and pursue finalization of the construction bid package.

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Finalization of Plans, Permitting   | August -mid-September 2024        |
| Bidding                             | Mid-September to Mid-October 2024 |
| Special Meetings for Contract Award | Late October 2024                 |
| Contract Signing                    | On or before November 3, 2024     |

There are steps that Ehlers and the Village will need to take regarding the TID2 amendment which will be covered by Brian Roemer of Ehlers.

Please contact me with any questions or if additional information is needed. I will be available for further discussion at the RDA meeting.

Sincerely,

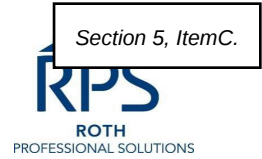
**ROTH PROFESSIONAL SOLUTIONS**



Robert J. Roth, PE  
Project Engineer



**ENGINEER'S PRELIMINARY COST ESTIMATE**  
**Wednesday, July 31, 2024**  
**Village of Kronenwetter - Lift Station 8 Upgrade Project**



**OVERALL PROJECT - Lift Station, Forcemain, Power, Generato**

|                           |    |                                                                                  |        |          |              |           |
|---------------------------|----|----------------------------------------------------------------------------------|--------|----------|--------------|-----------|
| <b>Construction Costs</b> | 1  | Erosion Control Items & Maintenance During Construction                          | 1      | Lump Sum | \$2,500.00   | \$2,500   |
|                           | 2  | Unclassified Excavation-Non Paved Areas                                          | 110    | CY       | \$15.00      | \$1,650   |
|                           | 3  | Remove Asphalt Pavement                                                          | 32     | SY       | \$4.00       | \$128     |
|                           | 4  | Sawcut Asphalt Pavement                                                          | 30     | LF       | \$1.50       | \$45      |
|                           | 5  | Topsoil removal                                                                  | 14,570 | SY       | \$2.00       | \$29,140  |
|                           | 6  | 8 ft dia mh w/lid & base only                                                    | 1      | LS       | \$28,000.00  | \$28,000  |
|                           | 7  | Wet well liftstation Complete                                                    | 1      | LS       | \$175,000.00 | \$175,000 |
|                           | 8  | Excavation, installation wetwell, dewatering                                     | 1      | LS       | \$190,000.00 | \$190,000 |
|                           | 9  | Granular backfill/ liftstation & MH's                                            | 100    | CY       | \$50.00      | \$5,000   |
|                           | 10 | Generator - 40 KW for 15 Hp Pump                                                 | 1      | EA       | \$40,000.00  | \$40,000  |
|                           | 11 | Generator Electrician & Controls - Complete                                      | 1      | LS       | \$20,000.00  | \$20,000  |
|                           | 12 | Abandon ex. Ls/ electrical complete                                              | 1      | LS       | \$10,000.00  | \$10,000  |
|                           | 13 | Abandon existing Structure & Pad                                                 | 1      | LS       | \$5,000.00   | \$5,000   |
|                           | 14 | 3/4" Crushed Aggregate for roadway, 8" thick                                     | 32     | SY       | \$15.00      | \$480     |
|                           | 15 | 18" Breaker Run for Roadway                                                      | 32     | SY       | \$18.00      | \$576     |
|                           | 16 | HMA Asphalt Pavement 2" Surface Course                                           | 32     | SY       | \$22.00      | \$704     |
|                           | 17 | HMA Asphalt Pavement 2" Binder Course                                            | 32     | SY       | \$20.00      | \$640     |
|                           | 18 | Hot Tar Butt Joint Sealer                                                        | 14     | LF       | \$2.00       | \$28      |
|                           | 19 | 3/4" Crushed Aggregate for Drive Shoulder, 2' wide x 6" thick                    | 5      | CY       | \$50.00      | \$250     |
|                           | 19 | Concrete gen pad/ Elec pad                                                       | 7      | CY       | \$300.00     | \$2,100   |
|                           | 20 | Gas Meter stand                                                                  | 1      | EA       | \$250.00     | \$250     |
|                           | 21 | Topsoil, Seed & E-Mat all Disturbed areas,                                       | 15000  | SY       | \$2.00       | \$30,000  |
|                           | 22 | Install Base, Pole, & Fixture for Street Lights (Light Type Assumed)             | 1      | EA       | \$4,500.00   | \$4,500   |
|                           | 23 | Electrical in Conduit for Street Lights                                          | 1      | LS       | \$1,500.00   | \$1,500   |
|                           | 24 | 12" D.I san sewer                                                                | 18     | LF       | \$50.00      | \$900     |
|                           | 25 | 12" PVC SDR 21 type                                                              | 49     | LF       | \$50.00      | \$2,450   |
|                           | 26 | 8" FM C900 DR18 pipe (includes pipe in boring)                                   | 16649  | LF       | \$30.00      | \$499,470 |
|                           | 27 | 8" FM Trench excavation/backfill,                                                | 16391  | LF       | \$15.00      | \$245,865 |
|                           | 28 | 20-21" steel casing bore under I-39                                              | 258    | LF       | \$150.00     | \$38,700  |
|                           | 29 | Air release valve & manhole Complete                                             | 1      | EA       | \$8,000.00   | \$8,000   |
|                           | 30 | Driveway 18' x 25' for Air mh site, Complete (grading,fill,wisdot fence,&Gravel) | 1      | LS       | \$4,000.00   | \$4,000   |
|                           | 31 | Insulation (4x8x2") over fm marked area, all culverts                            | 1,800  | LF       | \$4.00       | \$7,200   |
|                           | 32 | Relocate hydrant                                                                 | 1      | LS       | \$750.00     | \$750     |
|                           | 33 | Pavement marking at Kowalski Rd                                                  | 120    | LF       | \$5.00       | \$600     |
|                           | 34 | 3-Phase Power Extension and Setup                                                | 1      | LS       | \$60,000.00  | \$60,000  |
|                           | 35 | Connect new 8" fm into existing mh, core opening.                                | 1      | LS       | \$2,500.00   | \$2,500   |
|                           | 36 | Abandon existing Structure & pads                                                | 1      | LS       | \$5,000.00   | \$5,000   |
|                           | 37 | Connect Existing Sewers                                                          | 2      | Ea       | \$1,000.00   | \$2,000   |
|                           | 38 | Gas allowance                                                                    | 1      | LS       | \$15,000.00  | \$15,000  |
|                           | 39 | Internet allowance                                                               | 1      | LS       | \$5,000.00   | \$5,000   |
|                           | 40 | Cleanout Manholes for FM Pigging                                                 | 4      | LS       | \$5,000.00   | \$20,000  |
|                           | 41 | WisDOT Fence Removal, Install(if needed)                                         | 50     | LF       | \$50.00      | \$2,500   |

**T2 SubTotal Road Construction & Utility Costs \$1,467,426**

**Option T3 - Open cut Kowalski Rd crossing \$45,526 \$1,512,952**

**Base Bid T4 - Direction Bore Kowalski Rd Crossing \$35,973 \$1,503,399**

|                                  |    |                                                                                  |     |   |      |           |
|----------------------------------|----|----------------------------------------------------------------------------------|-----|---|------|-----------|
| <b>Percentage Allocations On</b> | A1 | Performance & Payment bonds                                                      | 2   | % | ---- | \$31,300  |
| <b>Construction Subtotal</b>     | A2 | Mobilization/Demobilization                                                      | 3   | % | ---- | \$46,900  |
|                                  | A3 | Funding Requirements                                                             | 0.0 | % | ---- | \$0       |
|                                  | A4 | Construction Contingencies                                                       | 10  | % | ---- | \$156,300 |
|                                  | A5 | Geotechnical                                                                     | 0   | % | ---- | \$0       |
|                                  | A6 | Constr. Engineering, Permitting, Coordination, Construction Admin. Going Forward | 4   | % | ---- | \$62,600  |
|                                  | A7 | Surveying (Staking) & Lega                                                       | 2   | % | ---- | \$31,300  |

**T5 Subtotal on Construction Allocations (does not include Options costs) \$328,400**

**T6 TOTAL PROJECT SUBTOTAL (includes Base bid T4) \$1,900,000**



ENGINEER'S PRELIMINARY COST ESTIMATE  
Wednesday, July 31, 2024  
Village of Kronenwetter - Kronenwetter Dr. Rehabilitation South (TID 2 Portion)  
Approx. 8,836 LF Road,  
OVERALL PROJECT  
STREET REHABILITATION

|                                                    | #  | Item                                                                   | Item<br>Quantity | Units    | Unit Cost   | Total Cost  |
|----------------------------------------------------|----|------------------------------------------------------------------------|------------------|----------|-------------|-------------|
| Project Development Costs                          | a  | Comprehensive Mapping & Surveying                                      | ----             | ---      | ----        | \$39,000    |
|                                                    | b  | Planning, Coordination, Engineering & Administration                   | ----             | ---      | ----        | \$114,000   |
|                                                    | c  | Legal Services To-Date                                                 | ----             | ---      | ----        | ----        |
|                                                    | d  | Title Services To-Date                                                 | ----             | ---      | ----        | ----        |
|                                                    | e  | Land Acquisition (Prof. Fees & Land Rights) Estimate                   | ----             | ---      | ----        | ----        |
|                                                    | T1 | Subtotal Project Development Costs                                     |                  |          |             | \$153,000   |
| Roadway Construction Costs                         | 1  | Erosion Control Items & Maintenance During Construction                | 1                | Lump Sum | \$10,000.00 | \$10,000    |
|                                                    | 2  | Unclassified excavation for Roadway                                    | 12,400           | SY       | \$5.00      | \$62,000    |
|                                                    | 3  | Remove Asphalt Pavement, Roadway STA 0+00 TO 36+13.5, intersections    | 12,400           | SY       | \$3.00      | \$37,200    |
|                                                    | 4  | Pulverize pavement Roadway STA 38+61.60 TO 50+09.36                    | 3,977            | SY       | \$1.00      | \$3,977     |
|                                                    | 5  | Crack Fill & Seal Coat Pavement, Main Roadway STA 50+09.36 to 62+36.00 | 4,689            | SY       | \$2.50      | \$11,723    |
|                                                    | 6  | Mill 2" off Roadway STA 64+23.00 to 90+22.28                           | 10,725           | SY       | \$3.00      | \$32,175    |
|                                                    | 7  | Remove Asphalt Pavement, Side streets & Driveways                      | 220              | SY       | \$5.00      | \$1,100     |
|                                                    | 8  | Remove Concrete Driveway                                               | 165              | SY       | \$7.00      | \$1,155     |
|                                                    | 9  | Repair Culvert Endwalls                                                | 9                | EA       | \$500.00    | \$4,500     |
|                                                    | 10 | Sawcut Asphalt Pavement                                                | 405              | LF       | \$1.50      | \$608       |
|                                                    | 11 | Topsoil removal                                                        | 4,000            | SY       | \$2.50      | \$10,000    |
|                                                    | 12 | Unclassified Excavation for Driveways                                  | 115              | CY       | \$10.00     | \$1,150     |
|                                                    | 13 | Remove beam guard, Re-install                                          | 1                | LS       | \$5,000.00  | \$5,000     |
|                                                    | 14 | Medium Rip Rap over Fabric for Storm Sewer Endwalls                    | 150              | CY       | \$75.00     | \$11,250    |
|                                                    | 15 | 3/4" Crushed Aggregate for Driveway as Needed                          | 100              | CY       | \$50.00     | \$5,000     |
|                                                    | 16 | 12" Breaker Run                                                        | 4,200            | CY       | \$15.00     | \$63,000    |
|                                                    | 17 | Geogrid                                                                | 13750            | SY       | \$3.00      | \$41,250    |
|                                                    | 18 | Open Graded Drainage Layer (Assume 50%)                                | 12,400           | SY       | \$20.00     | \$248,000   |
|                                                    | 19 | 6" Crushed Aggregate Base Course, Compacted-Road & Intersections       | 12,400           | SY       | \$8.00      | \$99,200    |
|                                                    | 20 | HMA Asphalt Pavement 1.75" Surface Course-Intersections                | 12,400           | SY       | \$12.00     | \$148,800   |
|                                                    | 21 | HMA Asphalt Pavement 1.75" Binder Course-Intersections                 | 12,400           | SY       | \$12.00     | \$148,800   |
|                                                    | 22 | HMA 1.75" Asphalt Pavement Surface over Pulverized                     | 3,977            | SY       | \$12.00     | \$47,724    |
|                                                    | 23 | HMA 1.75" Asphalt Pavement Binder over Pulverized                      | 3,977            | SY       | \$12.00     | \$47,724    |
|                                                    | 24 | HMA Asphalt Pavement 3" over mill                                      | 10,725           | SY       | \$16.00     | \$171,600   |
|                                                    | 25 | Hot Tar Butt Joint Sealer                                              | 330              | LF       | \$5.00      | \$1,650     |
|                                                    | 26 | 3/4" Crushed Aggregate for Road Shoulder, 2' wide x 6" thick           | 500              | CY       | \$50.00     | \$25,000    |
|                                                    | 27 | 6" Concrete Driveway                                                   | 165              | SY       | \$25.00     | \$4,125     |
|                                                    | 28 | 6" Concrete Bridge Approaches                                          | 120              | SY       | \$50.00     | \$6,000     |
|                                                    | 29 | HMA Asphalt-2" for path & driveways                                    | 220              | SY       | \$20.00     | \$4,400     |
|                                                    | 30 | Topsoil, Seed & E-Mat all Disturbed areas,                             | 8000             | SY       | \$2.75      | \$22,000    |
|                                                    | 31 | Street Lights, Upgrades or Rehabilitations                             | 20               | LS       | \$7,500.00  | \$150,000   |
|                                                    | 32 | Various Electrical in Conduit for Street Lights                        | 20               | LS       | \$ 1,000.00 | \$20,000    |
|                                                    | 33 | Cut in Ditch excavation                                                | 1000             | LF       | \$ 5.00     | \$5,000     |
|                                                    | 34 | Traffic Control                                                        | 1                | LS       | \$ 2,000.00 | \$2,000     |
|                                                    | 35 | Reset Valve lids & Manhole Covers                                      | 1                | LS       | \$ 5,000.00 | \$5,000     |
|                                                    | T2 | SubTotal Road Construction & Utility Costs                             |                  |          |             | \$1,500,000 |
| Percentage Allocations On<br>Construction Subtotal | A1 | Performance & Payment bonds                                            | 2                | %        | ----        | \$30,000    |
|                                                    | A2 | Mobilization/Demobilization                                            | 3                | %        | ----        | \$45,000    |
|                                                    | A3 | Funding Requirements                                                   | 0.0              | %        | ----        | \$0         |
|                                                    | A4 | Construction Contingencies                                             | 5                | %        | ----        | \$75,000    |
|                                                    | A5 | Geotechnical                                                           | 0                | %        | ----        | \$0         |
|                                                    | A6 | Construction Engineering, Admin. Construction Admin.                   | 3                | %        | ----        | \$45,000    |
|                                                    | A7 | Surveying (Staking) & Legal                                            | 3                | %        | ----        | \$45,000    |
|                                                    | T3 | Subtotal on Construction Allocations                                   |                  |          |             | \$300,000   |
|                                                    | T4 | TOTAL PROJECT SUBTOTAL                                                 |                  |          |             | \$2,000,000 |



ENGINEER'S PRELIMINARY COST ESTIMATE

Wednesday, July 31, 2024

Village of Kronenwetter - Sedona Ct., Pinedale Lane, Windwood Road, Oakdale Lane, & Wedgewood Dr.

22' wide pavement

OVERALL PROJECT

STREET REHABILITATION

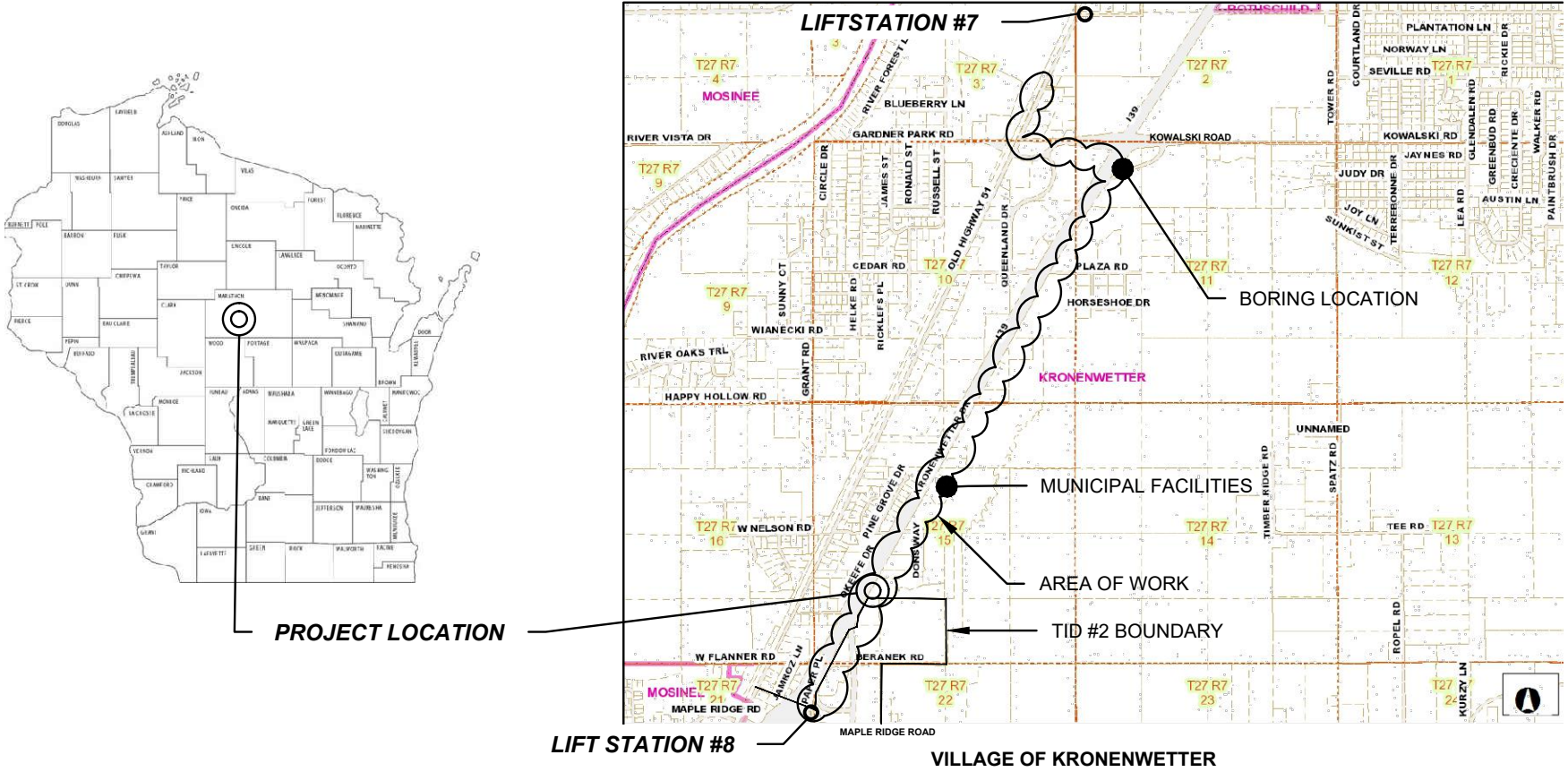
|                                                    | #                                    | Item                                                                          | Item<br>Quantity | Units    | Unit Cost   | Total Cost  |
|----------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------|------------------|----------|-------------|-------------|
| Project Development Costs                          | a                                    | Comprehensive Mapping & Surveying (See Kronenwetter Drive)                    | ----             | ---      | ----        | \$14,500    |
|                                                    | b                                    | Planning, Coordination, Engineering & Administration (See Kronenwetter Drive) | ----             | ---      | ----        | \$57,000    |
|                                                    | c                                    | Legal Services To-Date                                                        | ----             | ---      | ----        | ----        |
|                                                    | d                                    | Title Services To-Date                                                        | ----             | ---      | ----        | ----        |
|                                                    | e                                    | Land Acquisition (Prof. Fees & Land Rights) Estimate                          | ----             | ---      | ----        | ----        |
|                                                    | T1                                   | Subtotal Project Development Costs                                            |                  |          |             |             |
| Roadway Construction Costs                         | 1                                    | Erosion Control Items & Maintenance During Construction                       | 1                | Lump Sum | \$10,000.00 | \$10,000    |
|                                                    | 2                                    | Unclassified excavation for Roadway                                           | 8,100            | CY       | \$15.00     | \$121,500   |
|                                                    | 3                                    | Remove Asphalt Pavement, Main Roadway                                         | 23,223           | SY       | \$5.00      | \$116,115   |
|                                                    | 4                                    | Remove Asphalt Pavement, Side streets & Driveways                             | 160              | SY       | \$5.00      | \$800       |
|                                                    | 5                                    | Remove existing culverts                                                      | 5                | EA       | \$500.00    | \$2,500     |
|                                                    | 6                                    | Sawcut Asphalt Pavement                                                       | 890              | LF       | \$1.50      | \$1,335     |
|                                                    | 7                                    | Topsoil removal                                                               | 4,000            | SY       | \$2.50      | \$10,000    |
|                                                    | 8                                    | Unclassified Excavation for Driveways                                         | 328              | CY       | \$10.00     | \$3,280     |
|                                                    | 9                                    | Medium Rip Rap over Fabric for Storm Sewer Endwalls                           | 150              | CY       | \$75.00     | \$11,250    |
|                                                    | 10                                   | 3/4" Crushed Aggregate for Driveway as Needed                                 | 328              | CY       | \$50.00     | \$16,400    |
|                                                    | 11                                   | 18" Breaker Run (50%)                                                         | 4423.5           | CY       | \$15.00     | \$66,353    |
|                                                    | 12                                   | Geogrid (50%)                                                                 | 11611.5          | SY       | \$3.00      | \$34,835    |
|                                                    | 13                                   | Open Graded Drainage Layer (Assume 50%)                                       | 8000             | SY       | \$20.00     | \$160,000   |
|                                                    | 14                                   | 1.5" Crushed Aggregate Base Course, 8" Compacted-Road & Intersections         | 23223            | SY       | \$8.00      | \$185,784   |
|                                                    | 15                                   | HMA Asphalt Pavement 2" Surface Course-Intersections                          | 23223            | SY       | \$15.00     | \$348,345   |
|                                                    | 16                                   | HMA Asphalt Pavement 2" Binder Course-Intersections                           | 23223            | SY       | \$12.00     | \$278,676   |
|                                                    | 17                                   | Hot Tar Butt Joint Sealer                                                     | 1440             | LF       | \$5.00      | \$7,200     |
|                                                    | 18                                   | 3/4" Crushed Aggregate for Road Shoulder, 2' wide x 6" thick                  | 737              | CY       | \$50.00     | \$36,850    |
|                                                    | 19                                   | HMA Asphalt-2" for path & driveways                                           | 986              | SY       | \$20.00     | \$19,720    |
|                                                    | 20                                   | Topsoil, Seed & E-Mat all Disturbed areas,                                    | 11100            | SY       | \$2.75      | \$30,525    |
|                                                    | 21                                   | Install Base, Pole, & Fixture for Street Lights (Light Type Assumed)          | 40               | EA       | \$4,500.00  | \$180,000   |
|                                                    | 22                                   | Electrical in Conduit for Street Lights                                       | 40               | LS       | \$ 1,500.00 | \$60,000    |
|                                                    | 23                                   | Install 12" CMP & endwalls - Avg 40 LF                                        | 5                | EA       | \$ 1,500.00 | \$7,500     |
|                                                    | 24                                   | Traffic Control                                                               | 1                | LS       | \$ 2,000.00 | \$2,000     |
|                                                    | 25                                   | Reset Valve lids & Manhole Covers                                             | 1                | LS       | \$ 5,000.00 | \$5,000     |
|                                                    | T2                                   | SubTotal Road Construction & Utility Costs                                    |                  |          |             |             |
| Percentage Allocations On<br>Construction Subtotal | A1                                   | Performance & Payment bonds                                                   | 2                | %        | ----        | \$34,000    |
|                                                    | A2                                   | Mobilization/Demobilization                                                   | 3                | %        | ----        | \$51,000    |
|                                                    | A3                                   | Funding Requirements                                                          | 0.0              | %        | ----        | \$0         |
|                                                    | A4                                   | Construction Contingencies                                                    | 5                | %        | ----        | \$85,000    |
|                                                    | A5                                   | Geotechnical                                                                  | 0                | %        | ----        | \$0         |
|                                                    | A6                                   | Engineering, Permitting, Coordination, Construction Admin.                    | 3                | %        | ----        | \$51,000    |
|                                                    | A7                                   | Surveying (Staking) & Legal                                                   | 3                | %        | ----        | \$51,000    |
| T3                                                 | Subtotal on Construction Allocations |                                                                               |                  |          |             | \$300,000   |
| T4                                                 | TOTAL PROJECT SUBTOTAL               |                                                                               |                  |          |             | \$2,100,000 |

# LIFT STATION #8 UPGRADE PROJECT TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, WISCONSIN

| SHEET No.           | SHEET NAME                            |
|---------------------|---------------------------------------|
| T 1.0               | TITLE PAGE                            |
| T 1.1               | NOTES, ABBREVIATIONS, LEGEND          |
| LIFT STATION SHEETS |                                       |
| B 1.0               | LIFTSTATION #8 SECTION                |
| B 3.0               | LIFTSTATION #8 PUMP SECTION           |
| CIVIL SHEETS        |                                       |
| C 1.0               | OVERALL PROJECT PLAN                  |
| C 1.1*              | PLAN & PROFILE - STA 0+00 TO 10+00    |
| C 1.2*              | PLAN & PROFILE - STA 10+00 TO 32+00   |
| C 1.3*              | PLAN & PROFILE - STA 32+00 TO 54+00   |
| C 1.4*              | PLAN & PROFILE - STA 54+00 TO 76+00   |
| C 1.5*              | PLAN & PROFILE - STA 76+00 TO 98+00   |
| C 1.6*              | PLAN & PROFILE - STA 98+00 TO 120+00  |
| C 1.7*              | PLAN & PROFILE - STA 120+00 TO 141+00 |
| C 1.8*              | PLAN & PROFILE - STA 141+00 TO 152+00 |
| C 1.9*              | PLAN & PROFILE - STA 152+00 TO 166+48 |
| C 2.0               | #8 LS EXISTING SITE PLAN              |
| C 2.1*              | #8 LS PROPOSED SITE PLAN              |
| DETAILS             |                                       |
| D 1.0-1.3           | EROSION CONTROL DETAILS               |
| D 2.0               | WATER MAIN DETAILS                    |
| D 3.0-3.1           | SANITARY SEWER DETAILS                |
| D 4.0               | ABOVE GROUND VALVE VAULT DETAIL       |
| ELECTRICAL          |                                       |
| E 1.0               | ELECTRICAL ONE-LINE DIAGRAM           |
| E 1.1               | ELECTRICAL ONE-LINE DIAGRAM           |
| E 2.0               | ELECTRICAL PANEL DIAGRAM              |
| UTILITIES           |                                       |
| F 1.0               | GAS SERVICE DETAILS                   |

\* EROSION CONTROL ON THESE SHEETS



**OWNER:**  
VILLAGE OF KRONENWETTER  
MARATHON COUNTY, WISCONSIN  
1582 KRONENWETTER DR  
KRONENWETTER, WISCONSIN,  
54465  
(715)693-4200 EXT. 1731  
CHRIS VOLL, VILLAGE PRESIDENT  
cvoll@kronenwetter.org

**OPERATOR:**  
MARK MACKEY  
VILLAGE OF KRONENWETTER  
1582 KRONENWETTER DRIVE  
KRONENWETTER, WISCONSIN 54465  
(715)574-3868  
mmackey@kronenwetter.org

**ENGINEER / DESIGNER:**  
ROTH PROFESSIONAL SOLUTIONS  
ROBERT J. ROTH, PE  
315 DEWITT, ST.  
PORTAGE, WI 53901  
(608)571-3205  
robert@rpsprofessionalsolutions.com

**PUBLIC WORKS CREW LEADER:**  
BRAD JACOBSON  
VILLAGE OF KRONENWETTER  
1582 KRONENWETTER DRIVE  
KRONENWETTER, WISCONSIN 54465  
(715)574-3868  
bjacobson@kronenwetter.org

**ELECTRIC & GAS:**  
WISCONSIN PUBLIC SERVICE (WPS)  
P.O. BOX 19001  
GREENBAY WI. 54307-9001  
(800)242-9772  
newserviceinstallation@wisconsinpublicservice.com

**CABLE/TELEPHONE:**  
SPECTRUM BUSINESS  
SPECTRUM OF WISCONSIN

**APPLICABLE CODES:**  
ZONING ORDINANCE, CHAPTER 485  
WDNR EROSION CONTROL=NR 216  
WDNR SANITARY SEWERS=NR110  
WDNR WATER = NR811  
VILLAGE WATER & SEWER, CHAPTER 508  
VILLAGE STREETS, CHAPTER 454  
EROSION CONTROL, CHAPTER 270  
NEC 2017  
ELECTRICAL SPS=316  
INTERNATIONAL FUEL GAS CODE= IFGC2015

**PROJECT ADDRESS:**  
LS #8 = 1210 KRONENWETTER DRIVE

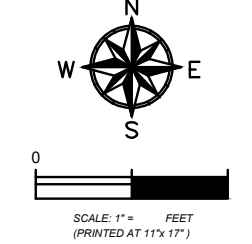


Section 5, Item C.



**TITLE SHEET**  
LIFT STATION #8 UPGRADE PROJECT  
TAX INCREMENTAL FINANCE DISTRICT #2  
VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 08/01/24



PROJECT NO: 2023-020 (F)

DATE: 12/15/23

DESIGNED BY: RJR

DRAWN BY: WAC

SHEET: 8

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GENERAL NOTES:

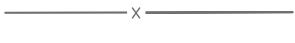
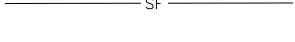
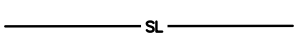
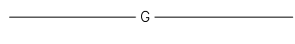
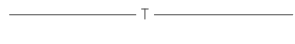
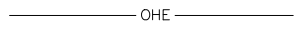
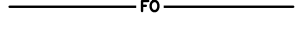
1. OWNER/CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT SAFETY AND SAFETY COMPLIANCE.
2. CONSIDER ALL EXISTING UTILITY LOCATIONS SHOWN ON THE DRAWINGS AS APPROXIMATE AND NOT NECESSARILY COMPLETE. THE CONTRACTOR SHALL OBTAIN UTILITY LOCATES AT LEAST 24 HOURS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO VERIFY EXACT LOCATIONS OF ALL BURIED UTILITIES. PROTECT AND RESTORE ALL UTILITIES TO THE UTILITY OWNERS SATISFACTION. CONTACT THE APPROPRIATE UTILITY FOR A FIELD LOCATION PRIOR TO STARTING ANY CONSTRUCTION .
3. WORK LIMITS ARE IDENTIFIED AS THE OUTER PROPERTY BOUNDARY. NOTIFY THE OWNER OR ENGINEER 24 HOURS PRIOR TO DISTURBING ANY AREA OUTSIDE THE CONSTRUCTION LIMITS. DAMAGE OR DISTURBANCE OUTSIDE OF THE CONSTRUCTION LIMITS SHALL BE REPAIRED INKIND.
4. ALL WORK SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL LAWS, RULES AND REGULATIONS IN FORCE AT THE TIME OF CONSTRUCTION.
5. THE OWNER/GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTIONS OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OF DISCREPANCY BETWEEN THESE PLANS AND/OR PLANS PREPARED BY OTHERS. IF ANY ERRORS, DISCORDANCES, OR OMISSIONS BECOME APPARENT, THESE SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER OR ENGINEER PRIOR TO CONSTRUCTION OF ANYTHING AFFECTED SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. THE CONTRACTOR SHALL MAINTAIN A PEDESTRIAN FENCE AROUND ALL SIGNIFICANT EXCAVATION TO BE LEFT OPEN DURING WORK OR OVERNIGHT

ABBREVIATIONS

|        |                            |
|--------|----------------------------|
| AC     | ASPHALT CONCRETE           |
| BLDG   | BUILDING                   |
| CMP    | CORRUGATED METAL PIPE      |
| C.O.   | CLEAN OUT                  |
| DPW    | DEPARTMENT OF PUBLIC WORKS |
| DIA.   | DIAMETER                   |
| DI     | DUCTILE IRON PIPE          |
| E      | EAST                       |
| EA.    | EACH                       |
| ELEV.  | ELEVATION                  |
| ESMT.  | EASEMENT                   |
| EX     | EXISTING                   |
| EOP    | EDGE OF PAVEMENT           |
| FFE    | FINISH FLOOR ELEVATION     |
| FG     | FINISH GRADE               |
| GAL.   | GALLON                     |
| GV/VB  | GATE VALVE/VALVE BOX       |
| HORZ.  | HORIZONTAL                 |
| INV.   | INVERT                     |
| L      | LENGTH                     |
| L.F.   | LINEAR FEET                |
| MBW    | MODULAR BLOCK WALL         |
| MAX.   | MAXIMUM                    |
| MIN.   | MINIMUM                    |
| N      | NORTH                      |
| A.A.A. | NOT IN CONTRACT            |
| N.T.S. | NOT TO SCALE               |
| OHE    | OVERHEAD ELECTRIC          |
| R      | RADIUS                     |
| RMV    | REMOVE                     |
| S      | SOUTH                      |
| SB     | SOIL BORING                |
| SCH    | SCHEDULE                   |
| SHT.   | SHEET                      |
| SS     | STAINLESS STEEL            |
| S.M.D. | STANDARD MAXIMUM DENSITY   |
| STA.   | STATION                    |
| SVC    | SERVICE                    |
| TC     | TOP CONCRETE OR CURB       |
| TH     | TEST HOLE                  |
| TP     | TOP OF PAVEMENT            |
| TSW    | TOP OF SIDEWALK            |
| TYP.   | TYPICAL                    |
| U.G.   | UNDERGROUND                |
| VERT.  | VERTICAL                   |
| w/     | WITH                       |
| w      | Water                      |
| W      | WEST                       |
| WV     | WATER VALVE                |

|                                                                                       |                       |
|---------------------------------------------------------------------------------------|-----------------------|
|    | YARD PUMP             |
|    | GAS VALVE             |
|    | WATER VALVE           |
|    | LIGHT POLE            |
|    | SIGN                  |
|    | TELEPHONE PEDESTAL    |
|    | TEST HOLE             |
|    | EXISTING MANHOLE      |
|    | PROPOSED MANHOLE      |
|    | POLE                  |
|    | GUY WIRE              |
|    | WATER HYDRANT         |
|    | WATER BOX             |
|    | DECIDUOUS TREES       |
|   | CONIFEROUS TREES      |
|  | CONCRETE SURFACE      |
|  | GRAVEL SURFACE        |
|  | ASPHALT SURFACE       |
|  | POND                  |
|  | SAND/BEACH            |
|  | BUFFER                |
|  | RV SITES 12-18 PAVING |
|  | DRAINFIELD            |
|  | WETLAND               |
|  | DRAINAGE DIRECTION    |
|  | TRAFFIC FLOW          |

LEGEND

|                                                                                       |                      |
|---------------------------------------------------------------------------------------|----------------------|
|    | EXISTING FENCE       |
|    | PROPOSED FENCE       |
|    | SILT FENCE           |
|    | SILT LOG             |
|    | WATER LINE           |
|    | GAS LINE             |
|    | FORCE MAIN           |
|    | SANITARY SEWER       |
|    | STORM SEWER          |
|    | TELEPHONE LINE       |
|    | OVERHEAD ELECTRIC    |
|    | UNDERGROUND ELECTRIC |
|    | FIBER OPTICS         |
|    | GRADING LIMITS       |
|   | GUARD RAIL           |
|  | TAX PARCEL LINES     |
|  | COMMUNICATION LINE   |

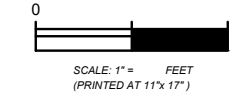
NOTES, ABBREVIATIONS, LEGEND

LIFT STATION #8 UPGRADE PROJECT

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/20/24



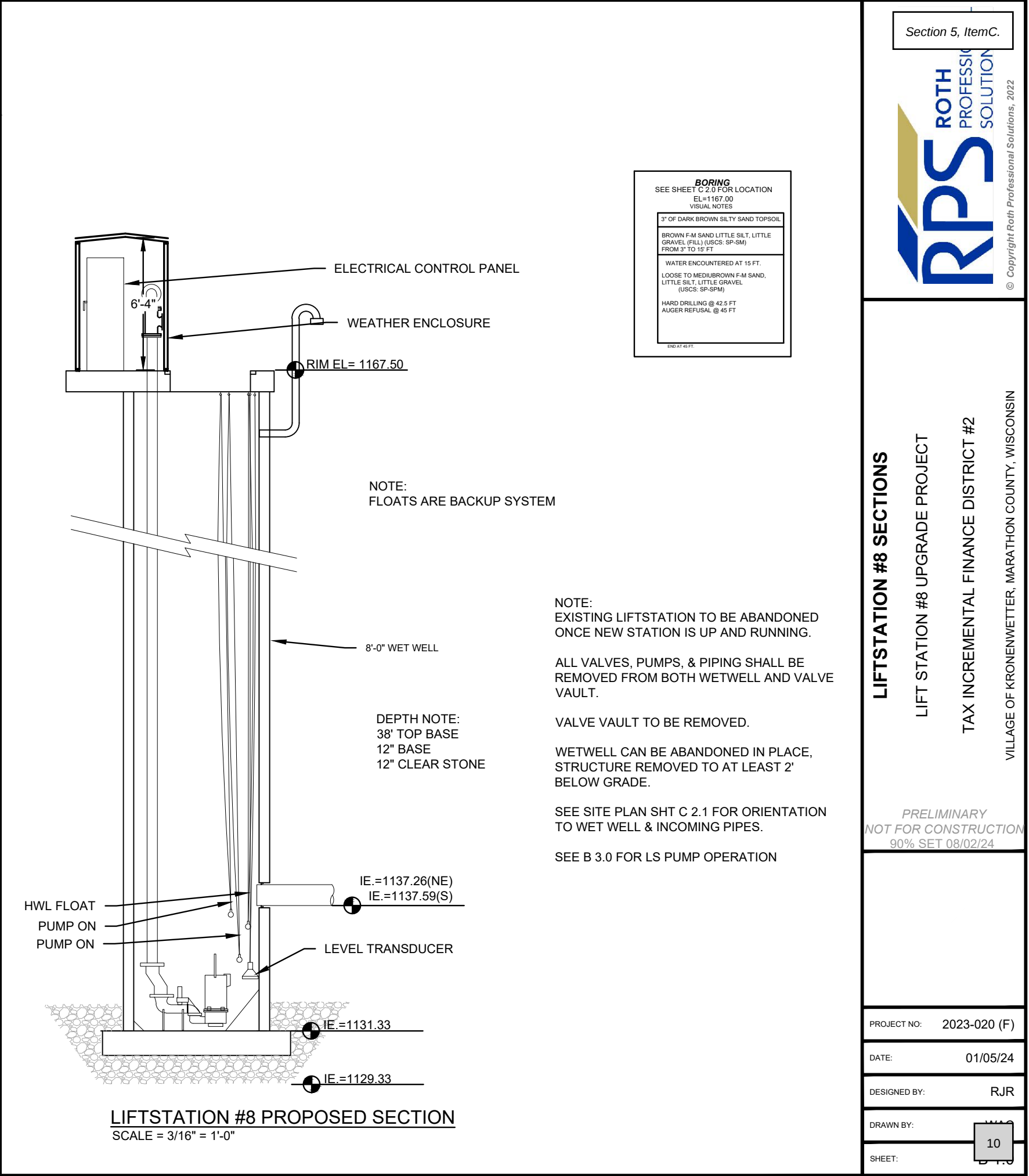
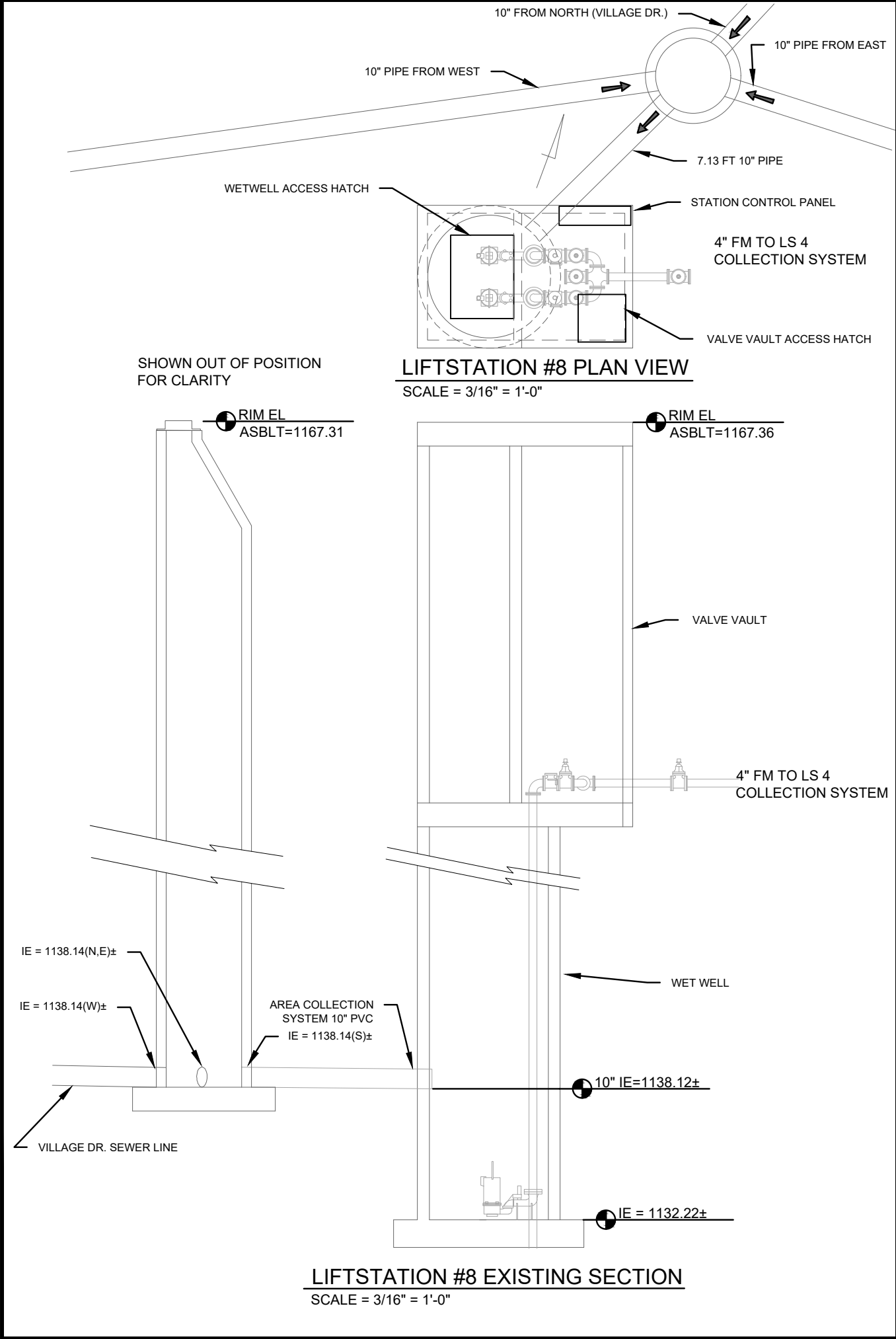
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DATE: 01/05/24

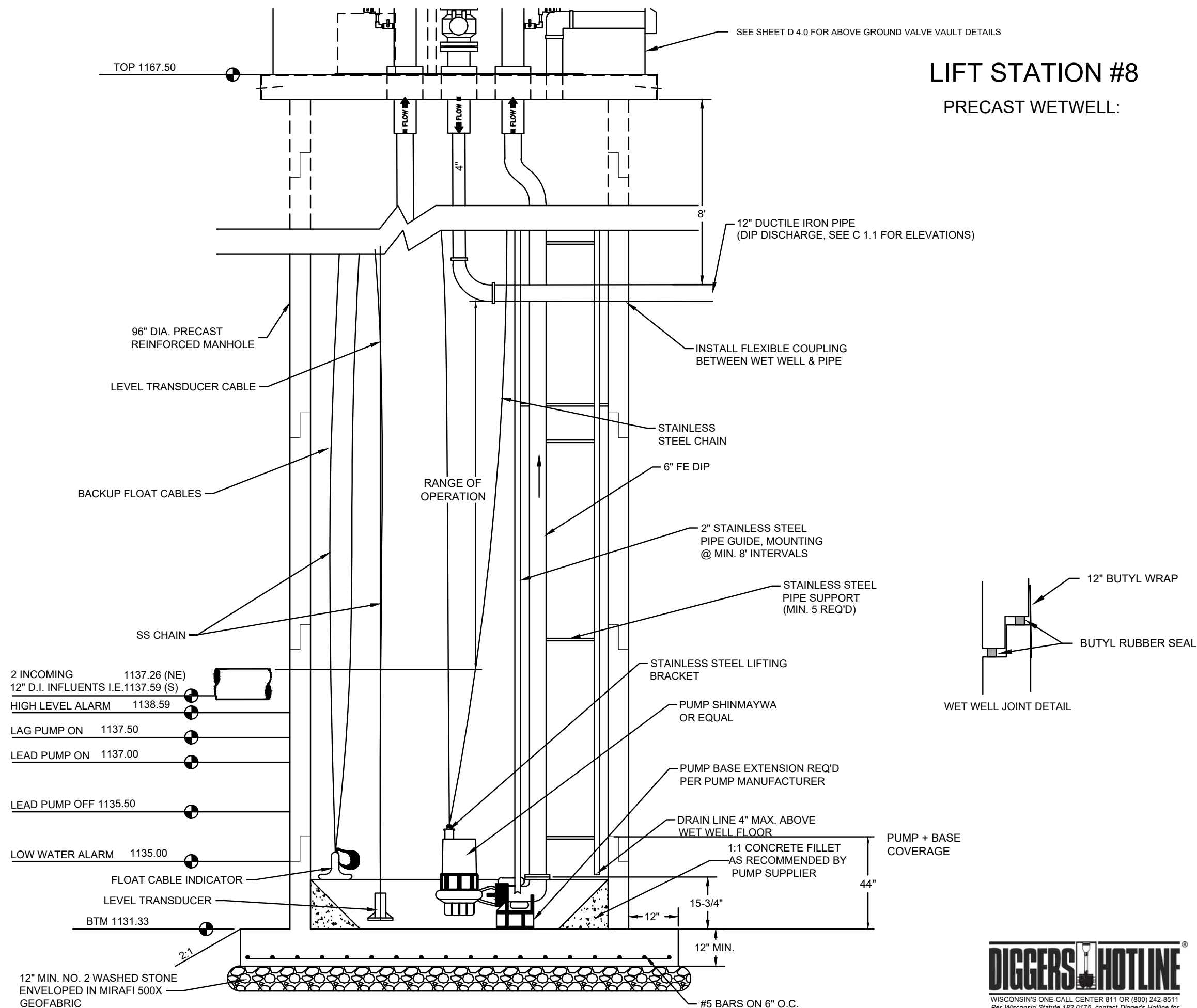
DESIGNED BY: RJR

DRAWN BY: WAC

SHEET: 9



LIFT STATION #8  
PRECAST WETWELL:



**LIFTSTATION #8 PUMP SECTION**

LIFT STATION #8 UPGRADE PROJECT

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 08/01/24

PROJECT NO: 2023-020 (F)

DATE: 01/05/24

DESIGNED BY: RJR

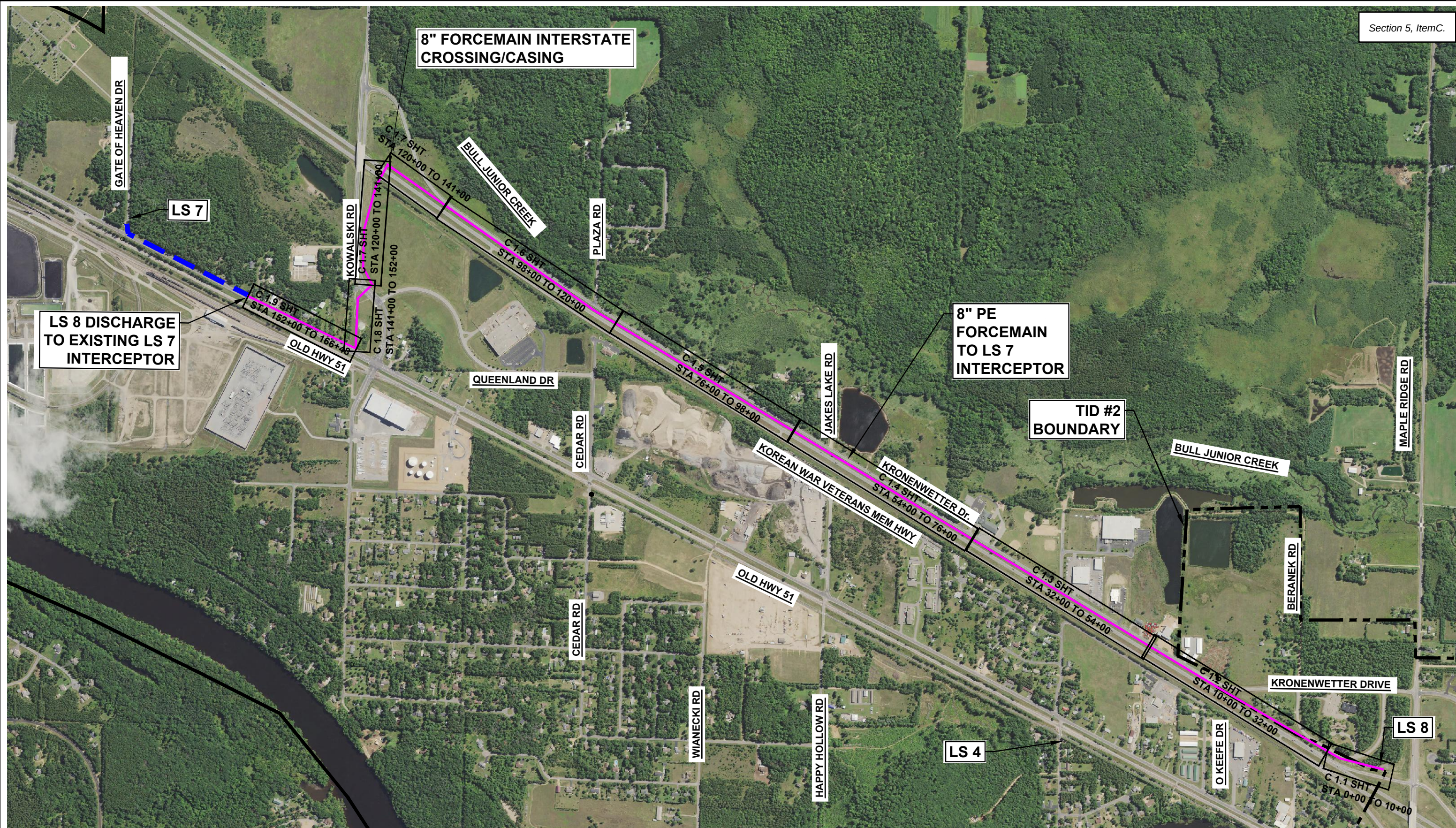
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SHEET: 11

# DIGGERS HOTLINE

WISCONSIN'S ONE-CALL CENTER 811 OR (800) 242-8511

*Per Wisconsin Statute 182.0175, contact Digger's Hotline for a utility locate a minimum of three business days prior to beginning excavation*

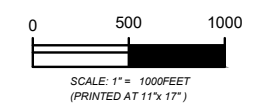
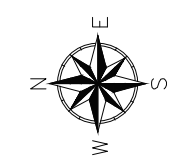


OVERALL PLAN SHEET LAYOUT

LIFT STATION #8 UPGRADE PROJECT

TAX INCREMENTAL FINANCE DISTRICT #2

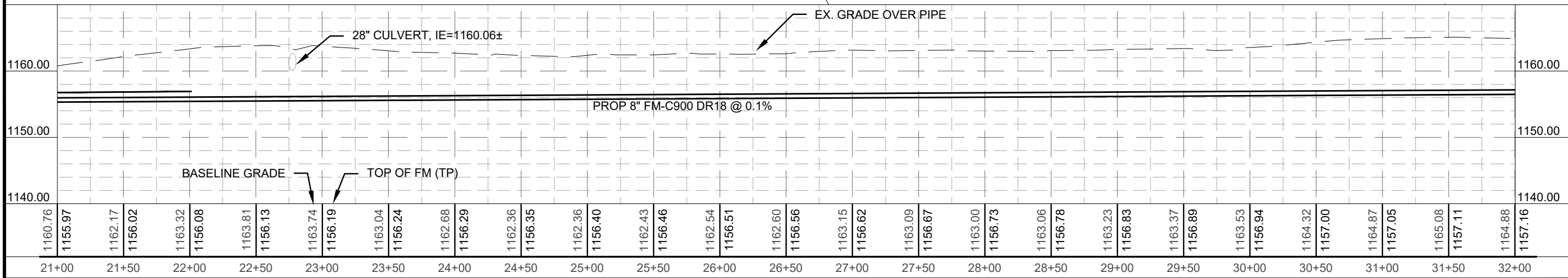
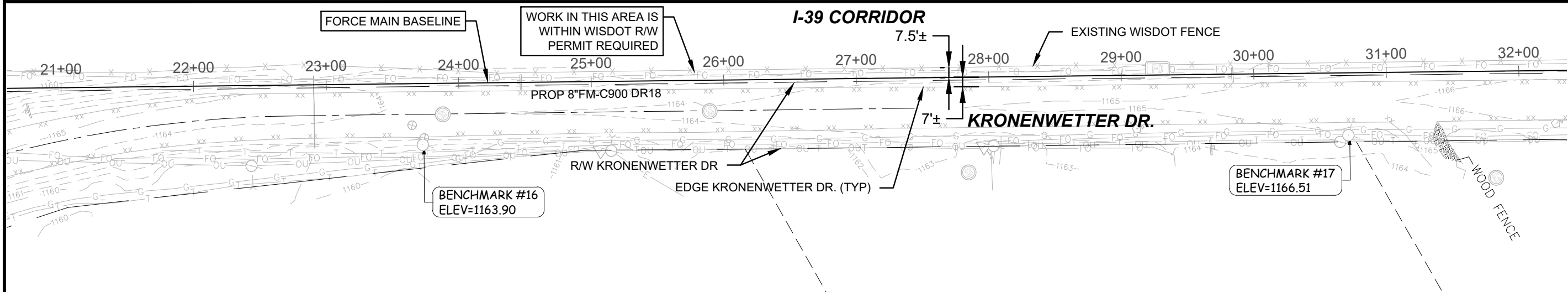
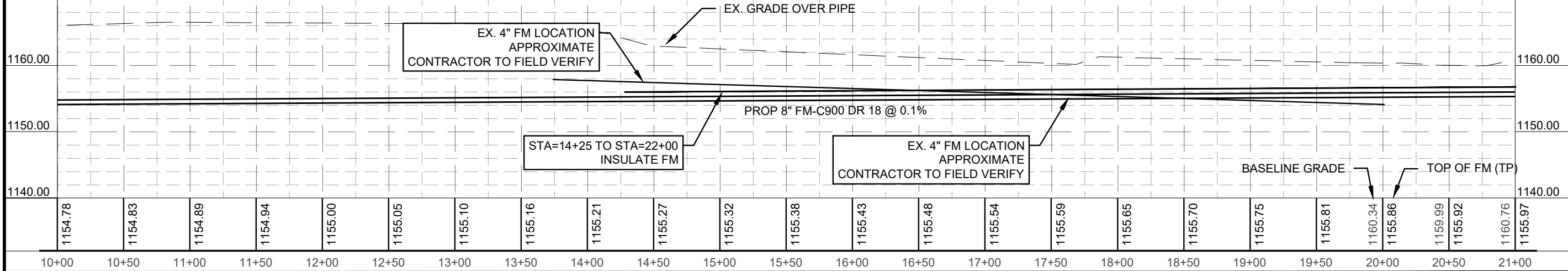
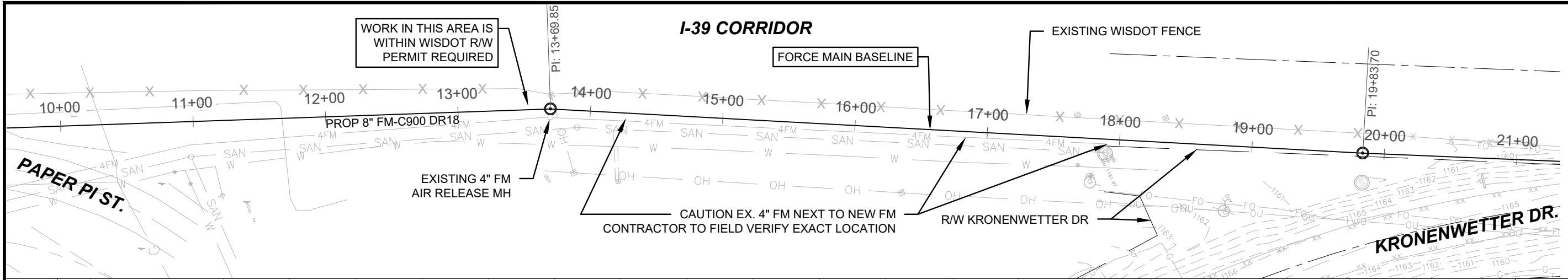
VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN



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| DRAWN BY:    | WAC          |
| PROJECT NO:  | 2023-020 (F) |
| SHEET:       | 12           |



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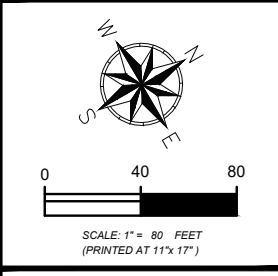
**PLAN & PROFILE**

LIFT STATION #8 UPGRADE PROJECT

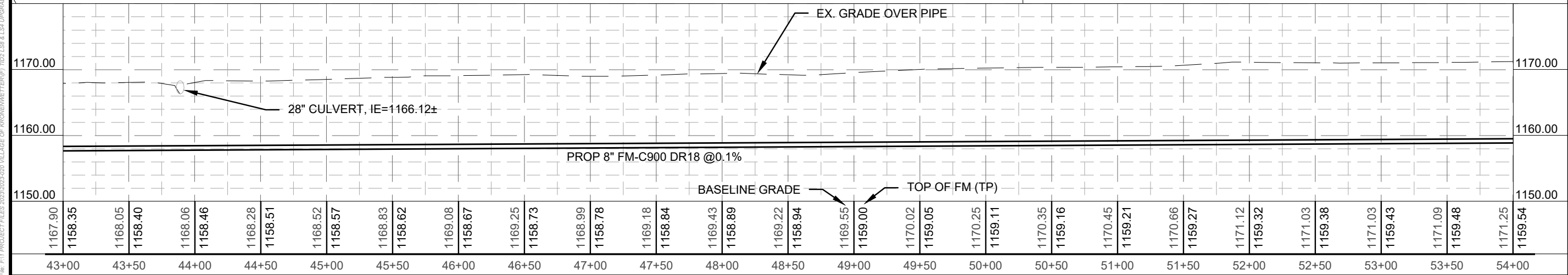
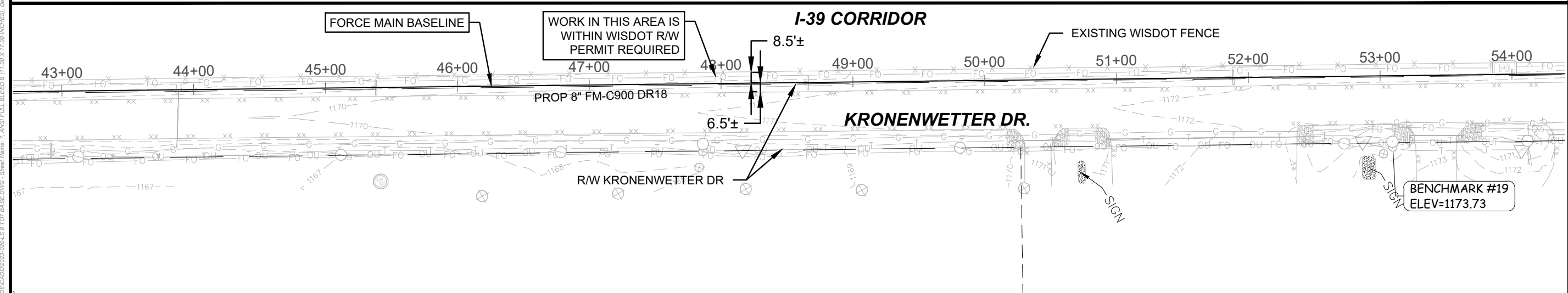
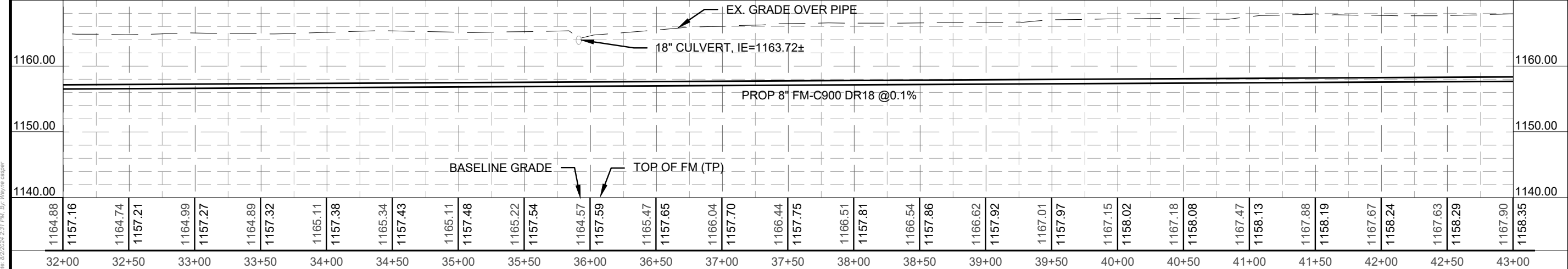
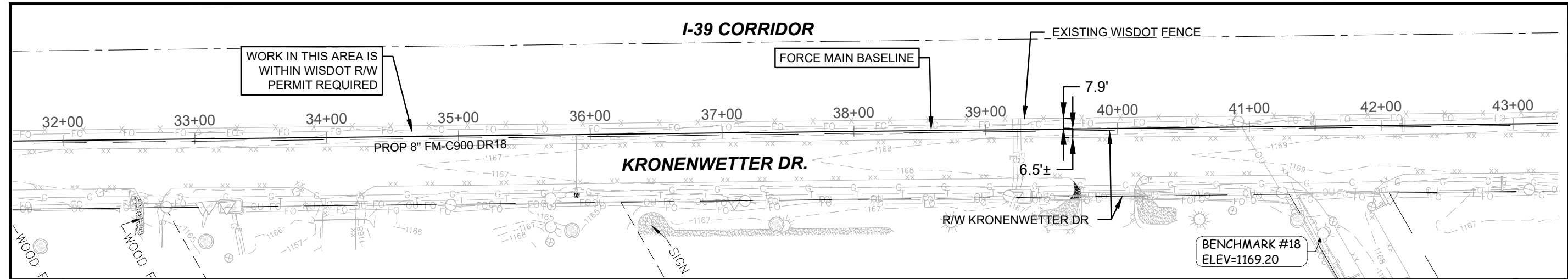
TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

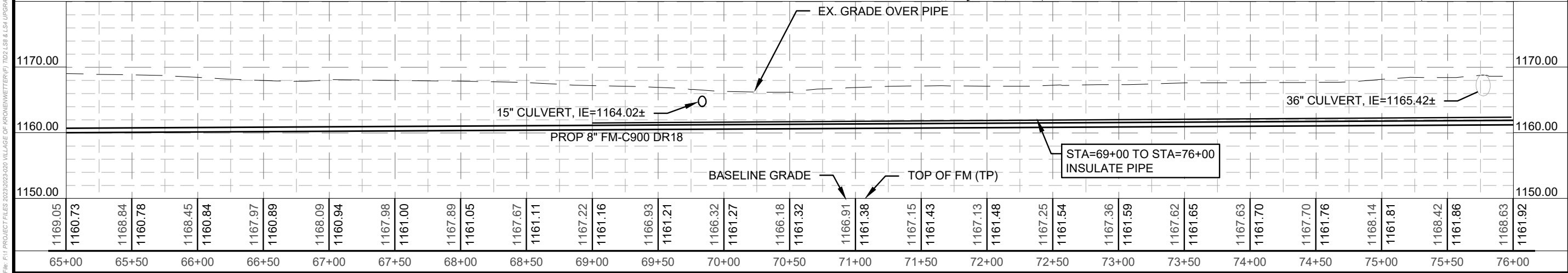
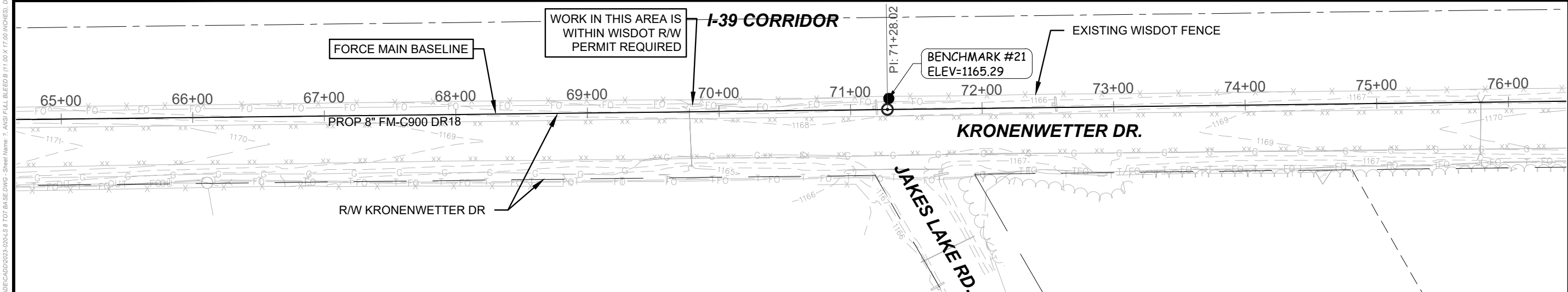
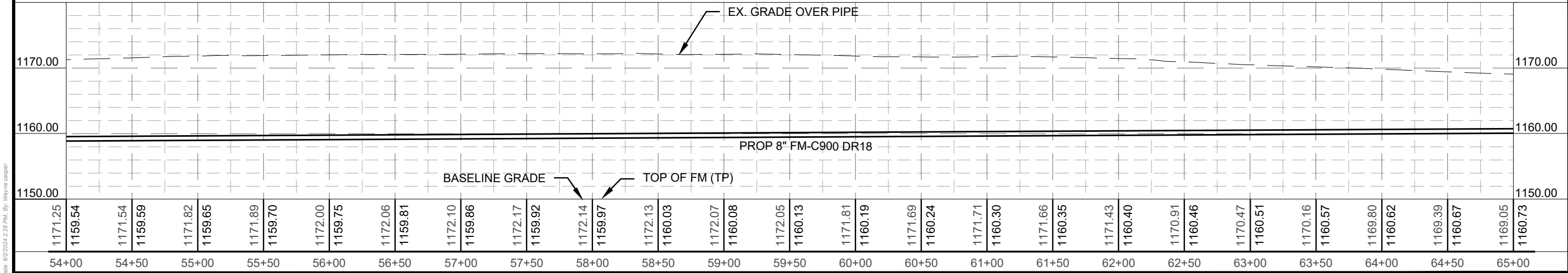
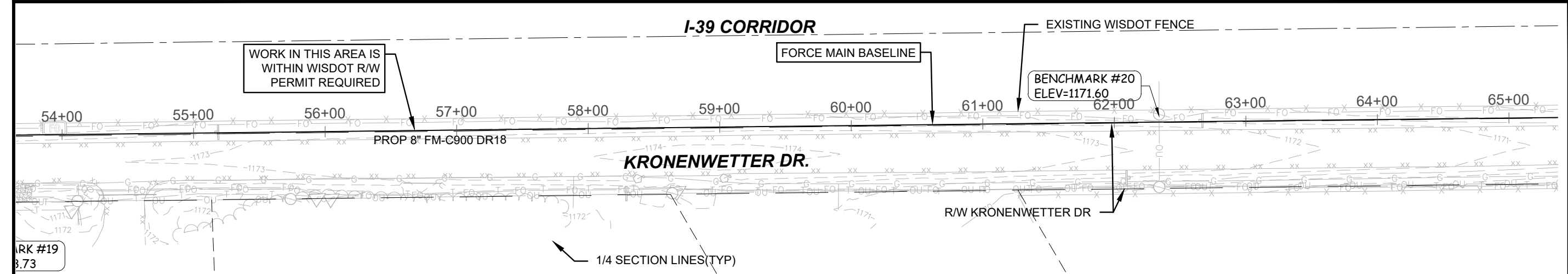
PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/25/24



|              |              |
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| PROJECT NO:  | 2023-020 (F) |
| DATE:        | 01/05/24     |
| DESIGNED BY: | RJR          |
| DRAWN BY:    | WAC          |
| SHEET:       | 14           |



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Section 5, Item C.

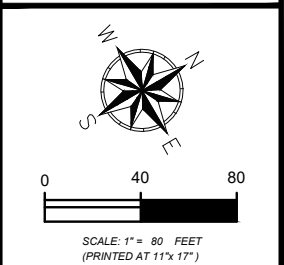


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**PLAN & PROFILE**

LIFT STATION #8 UPGRADE PROJECT  
TAX INCREMENTAL FINANCE DISTRICT #2  
VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 08/01/24



PROJECT NO: 2023-020 (F)

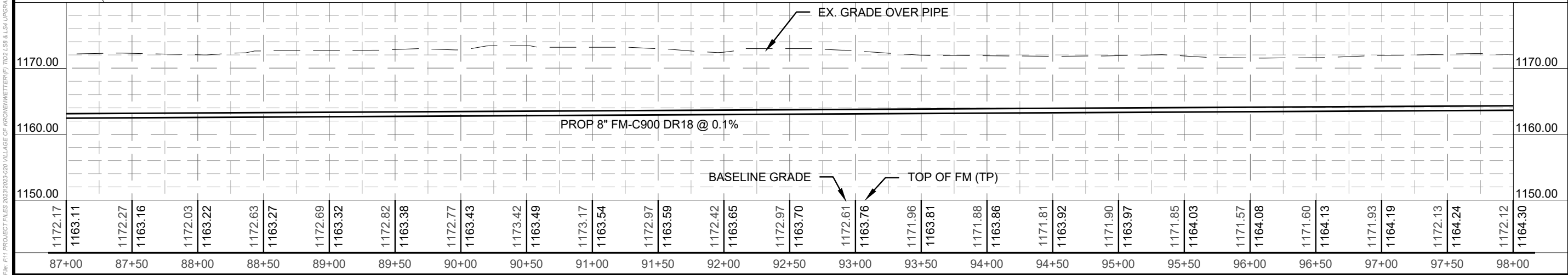
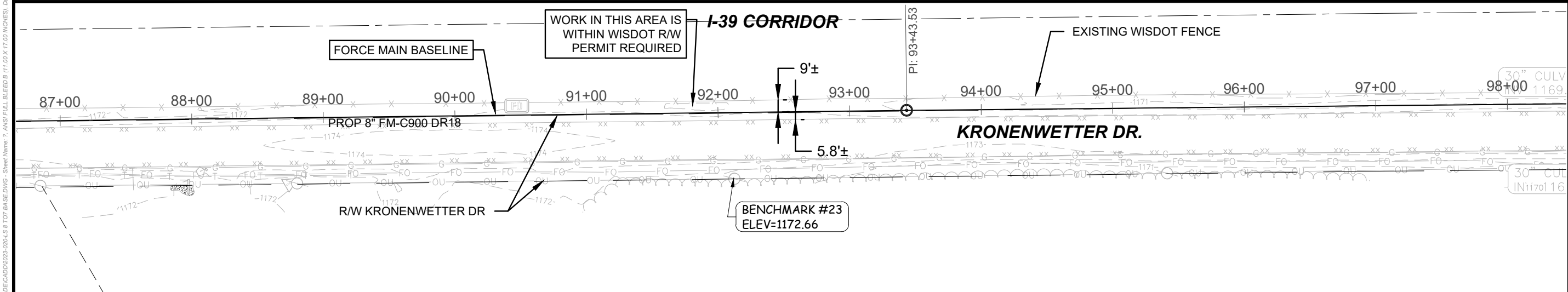
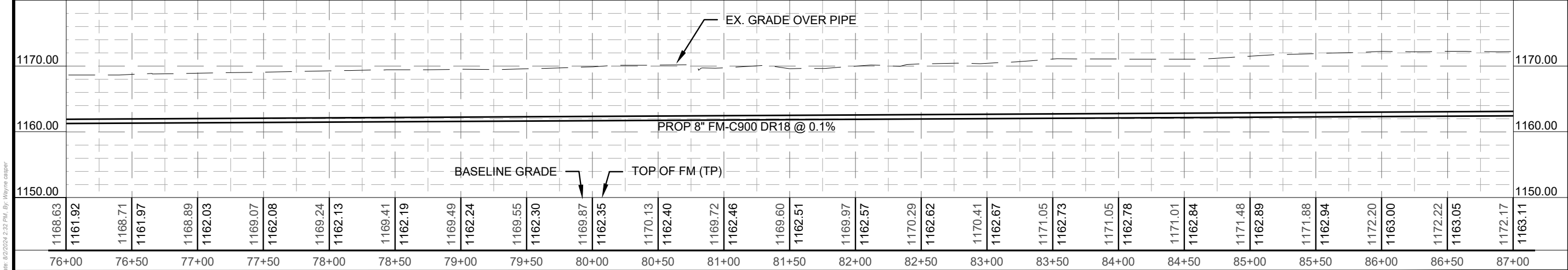
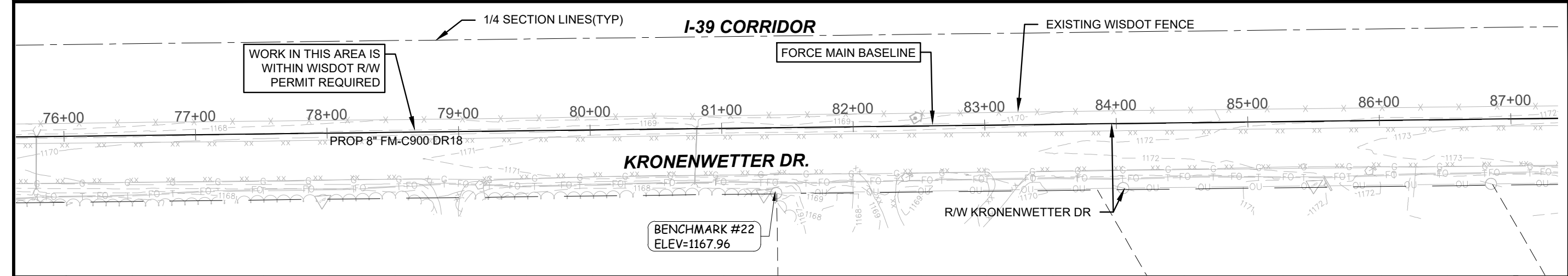
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DESIGNED BY: RJR

DRAWN BY: WAC

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Section 5, Item C.



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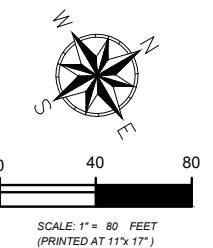
## PLAN & PROFILE

LIFT STATION #8 UPGRADE PROJECT

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/25/24



PROJECT NO: 2023-020 (F)

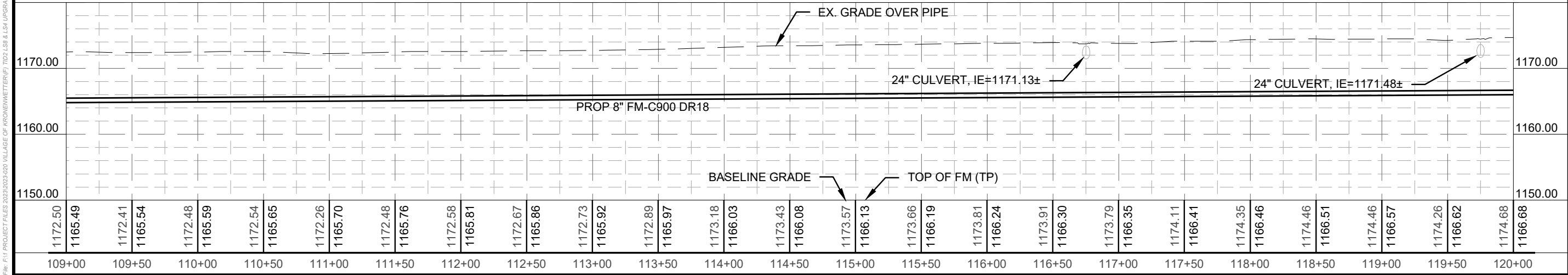
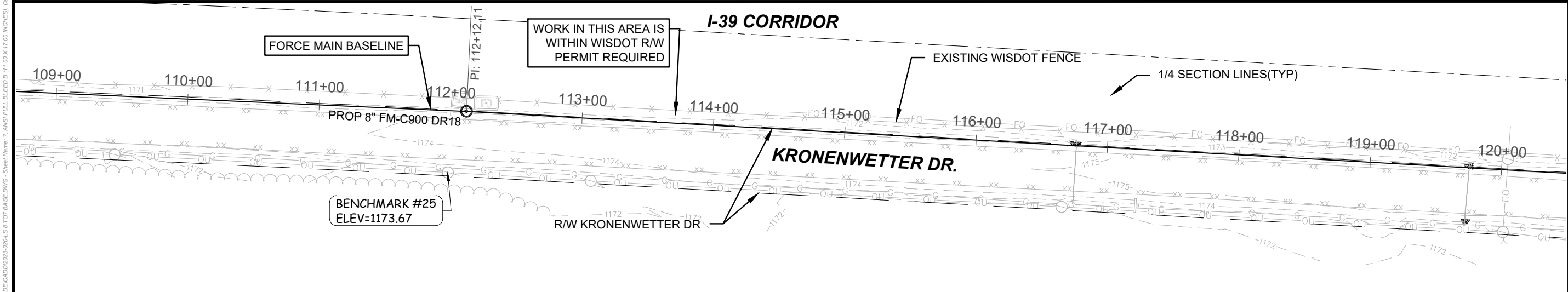
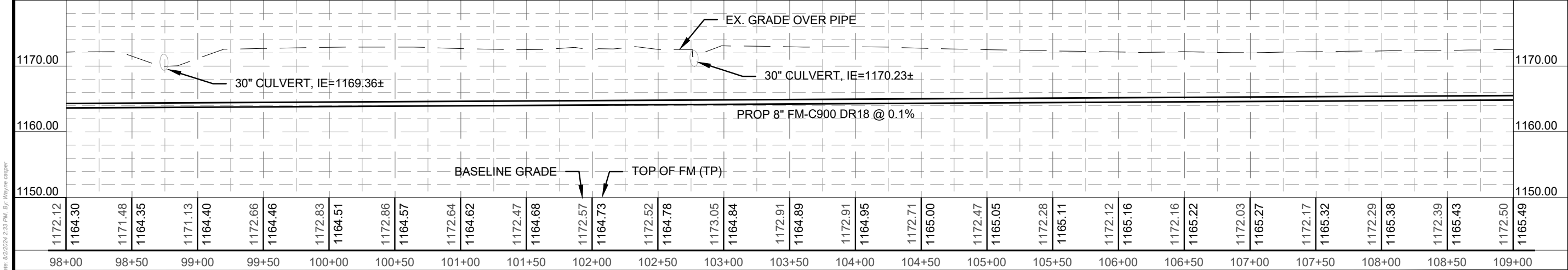
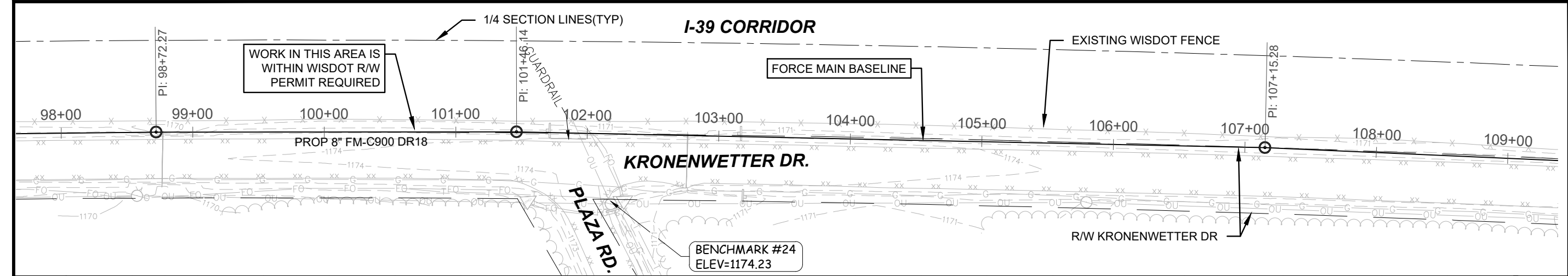
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DESIGNED BY: RJR

DRAWN BY: WAC

SHEET: 17

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Section 5, Item C.



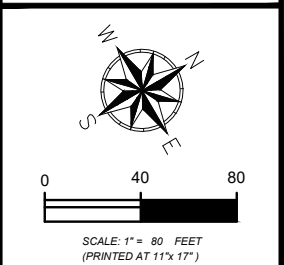
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**PLAN & PROFILE**

LIFT STATION #8 UPGRADE PROJECT  
TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
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PROJECT NO: 2023-020 (F)

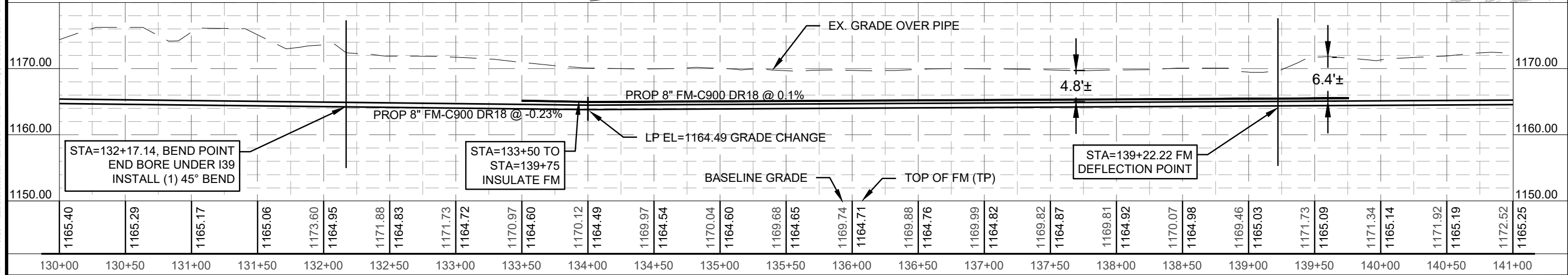
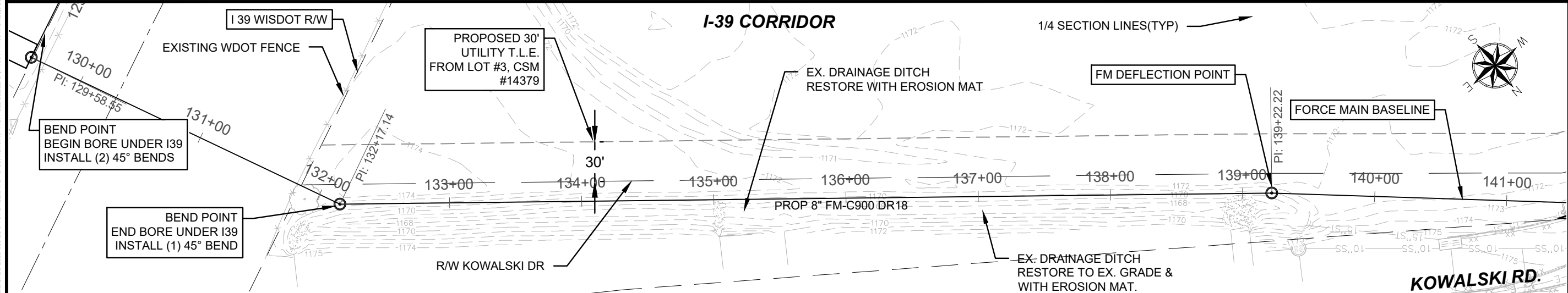
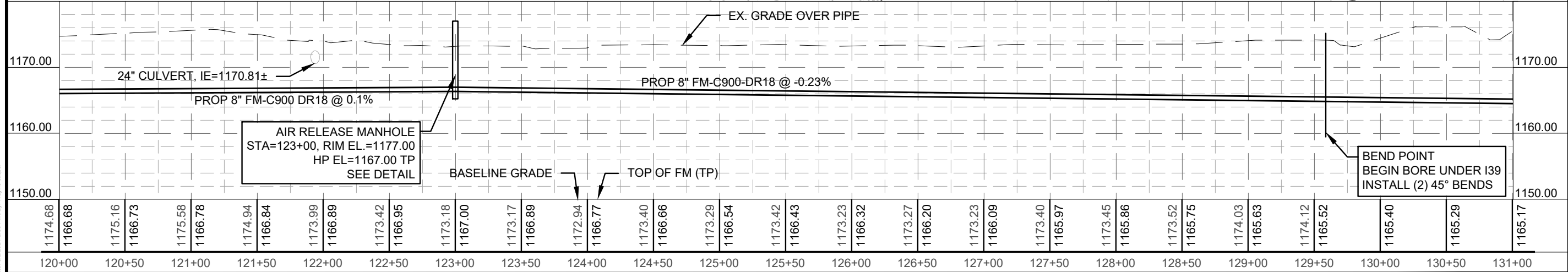
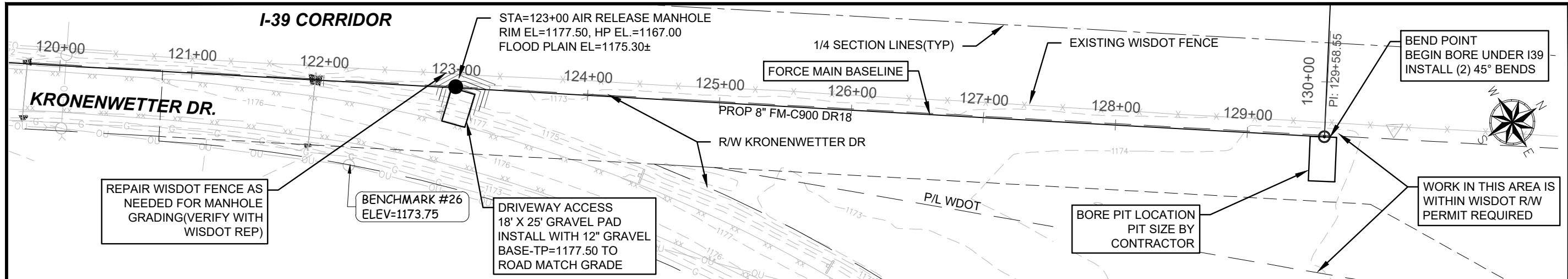
DATE: 01/05/24

DESIGNED BY: RJR

DRAWN BY: WAC

SHEET: 18

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Section 5, Item C.



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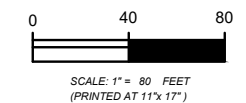
**PLAN & PROFILE**

LIFT STATION #8 UPGRADE PROJECT

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/25/24



PROJECT NO: 2023-020 (F)

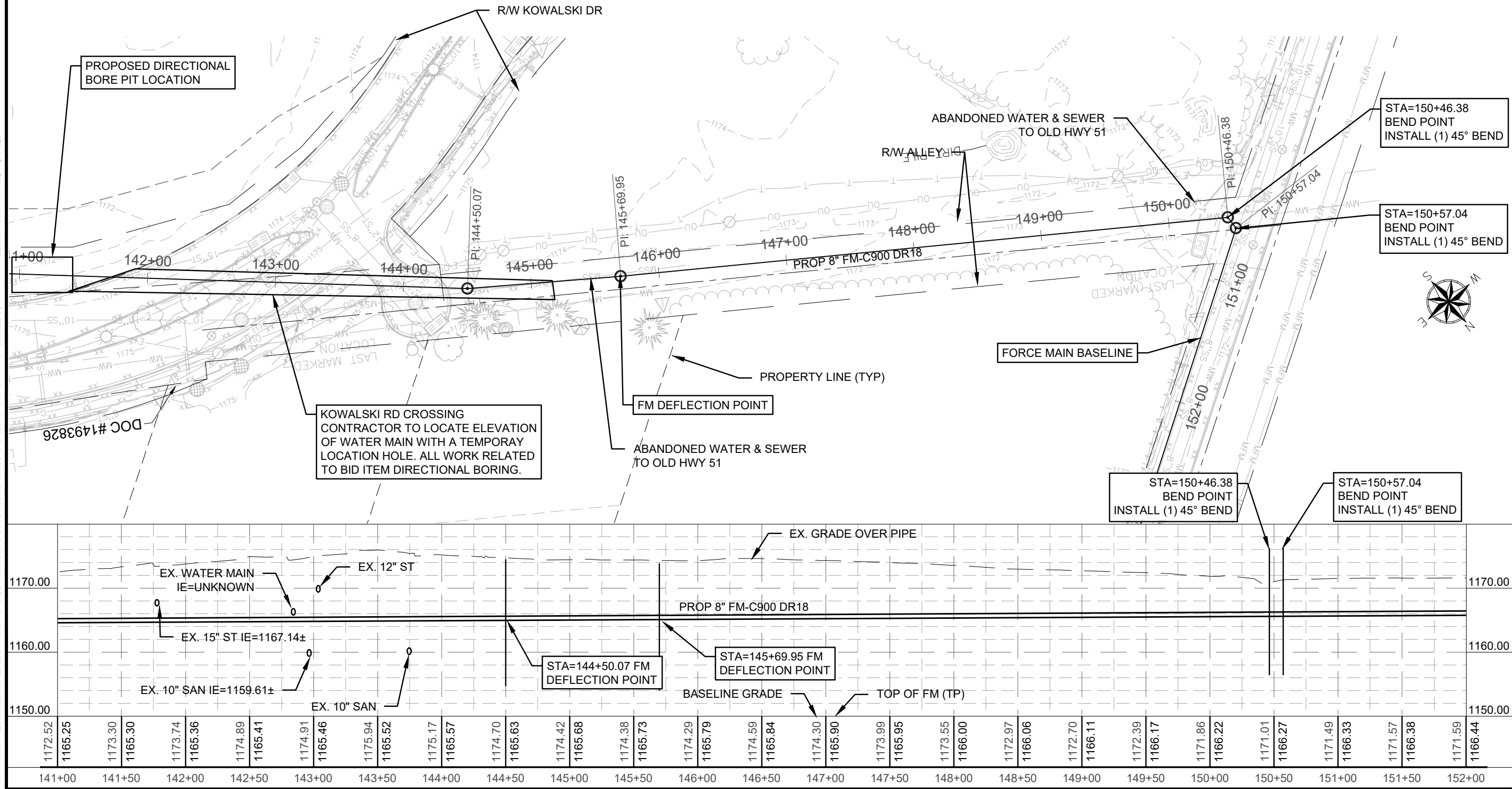
DATE: 01/05/24

DESIGNED BY: RJR

DRAWN BY: WAC

SHEET: 19

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Section 5, Item C.



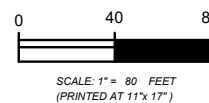
PLAN & PROFILE

LIFT STATION #8 UPGRADE PROJECT

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/25/24



PROJECT NO: 2023-020 (F)

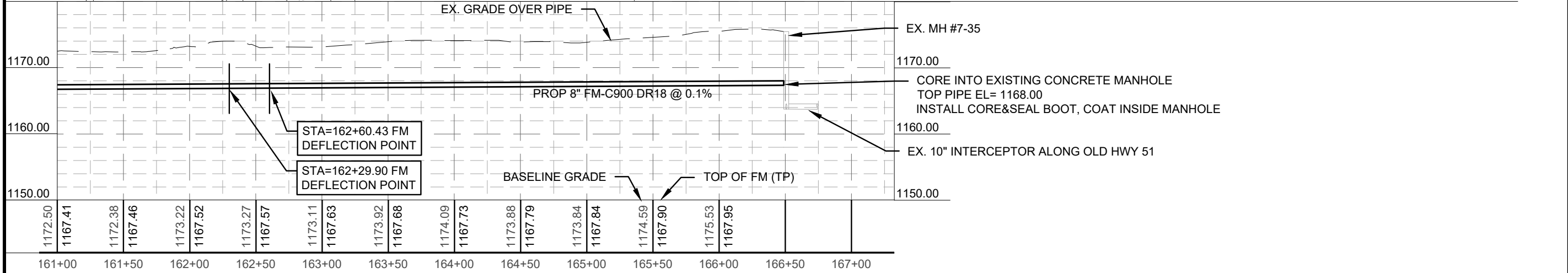
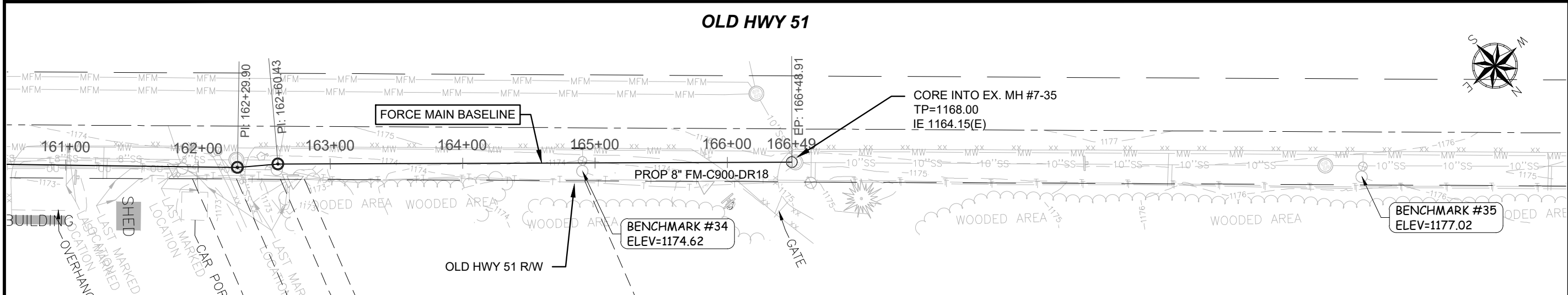
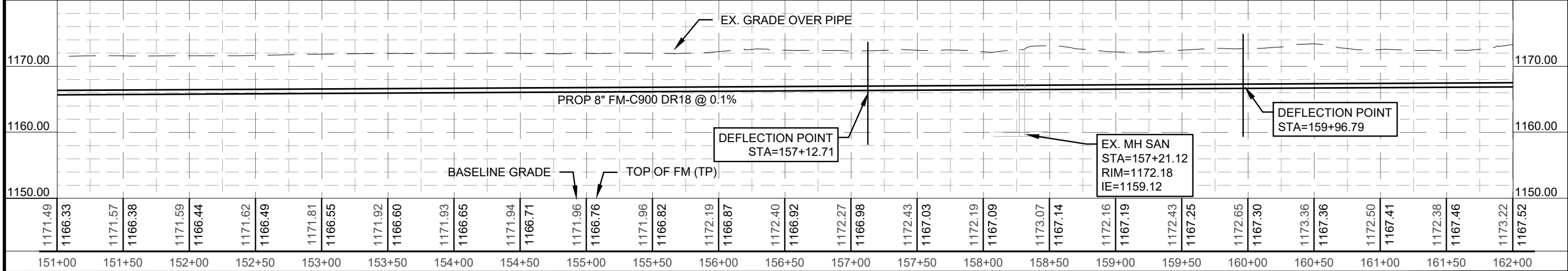
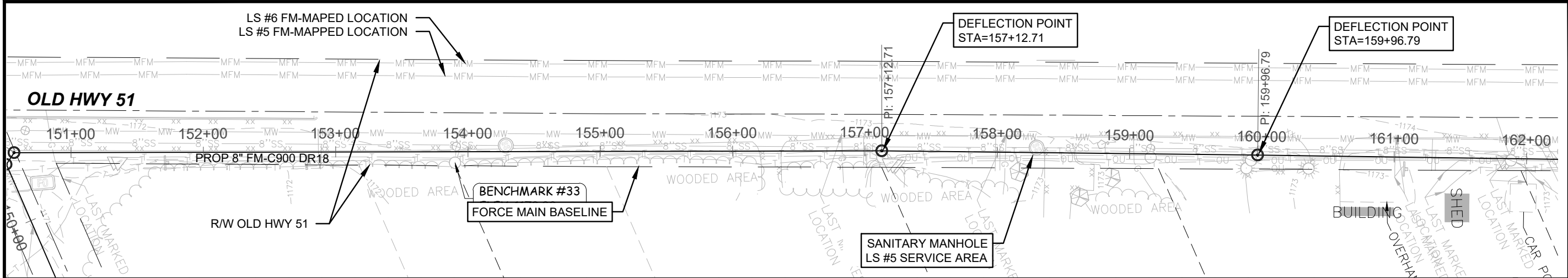
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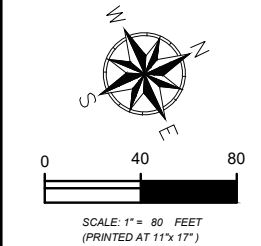
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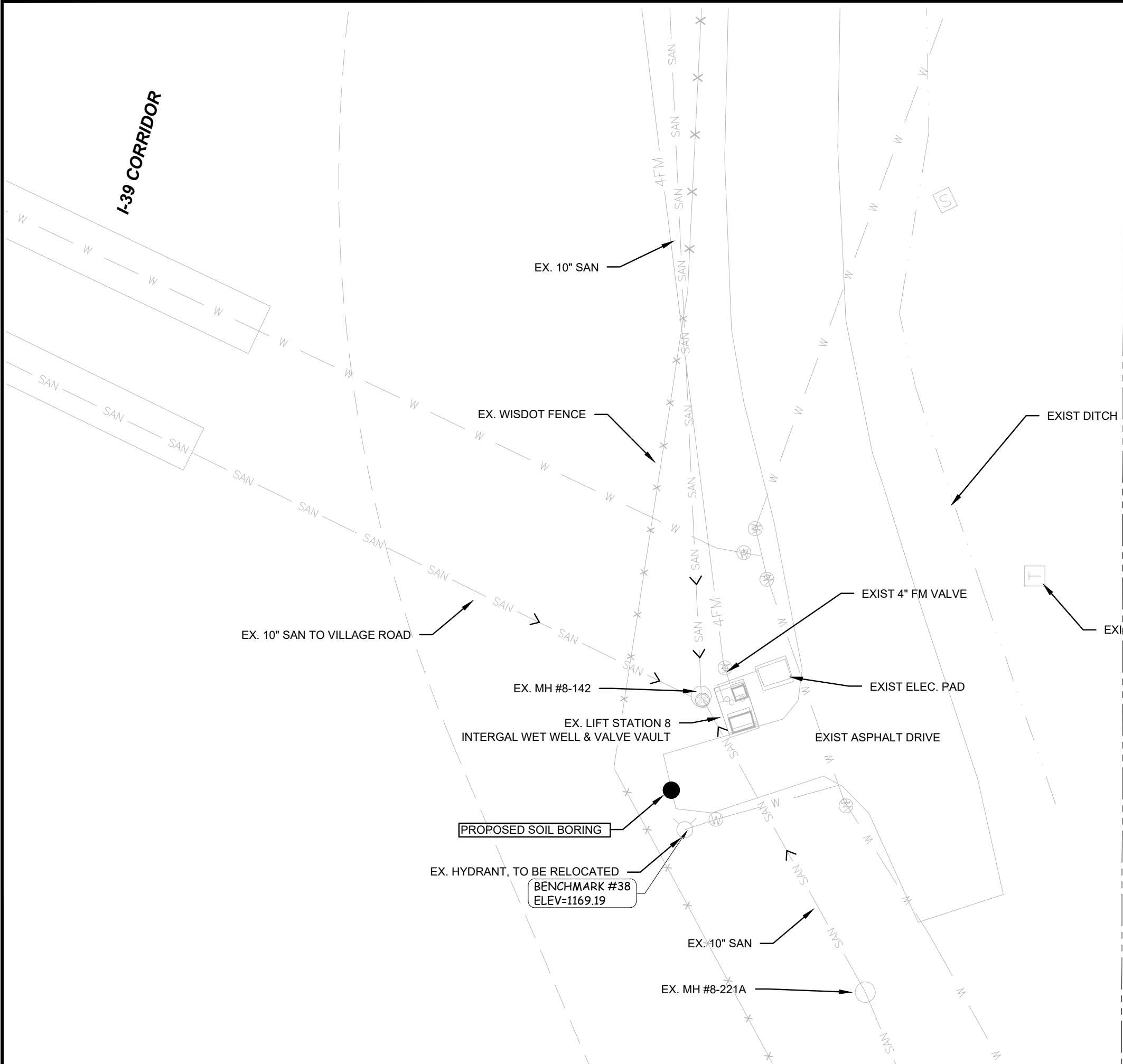
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PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/25/24



FILE: F11 PROJECT FILES 2023\2023-020 VILLAGE OF KRONENWETTER\1\T021.SB & 1\4 UPGRADE\CAADD\2023-020-LS & TOT BASE.DWG - Street Name: 2, ANSI FULL BLEED.B (11.00 X 17.00 INCHES) Date: 7/30/2024 4:27 PM By: Wayne Casper



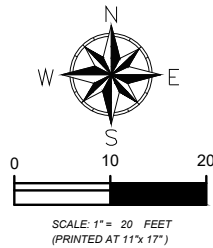
**#8 LS EXISTING SITE PLAN**

LIFT STATION #8 UPGRADE PROJECT

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 08/01/24



PROJECT NO: 2023-020

DATE: 01/05/24

DESIGNED BY: RJR

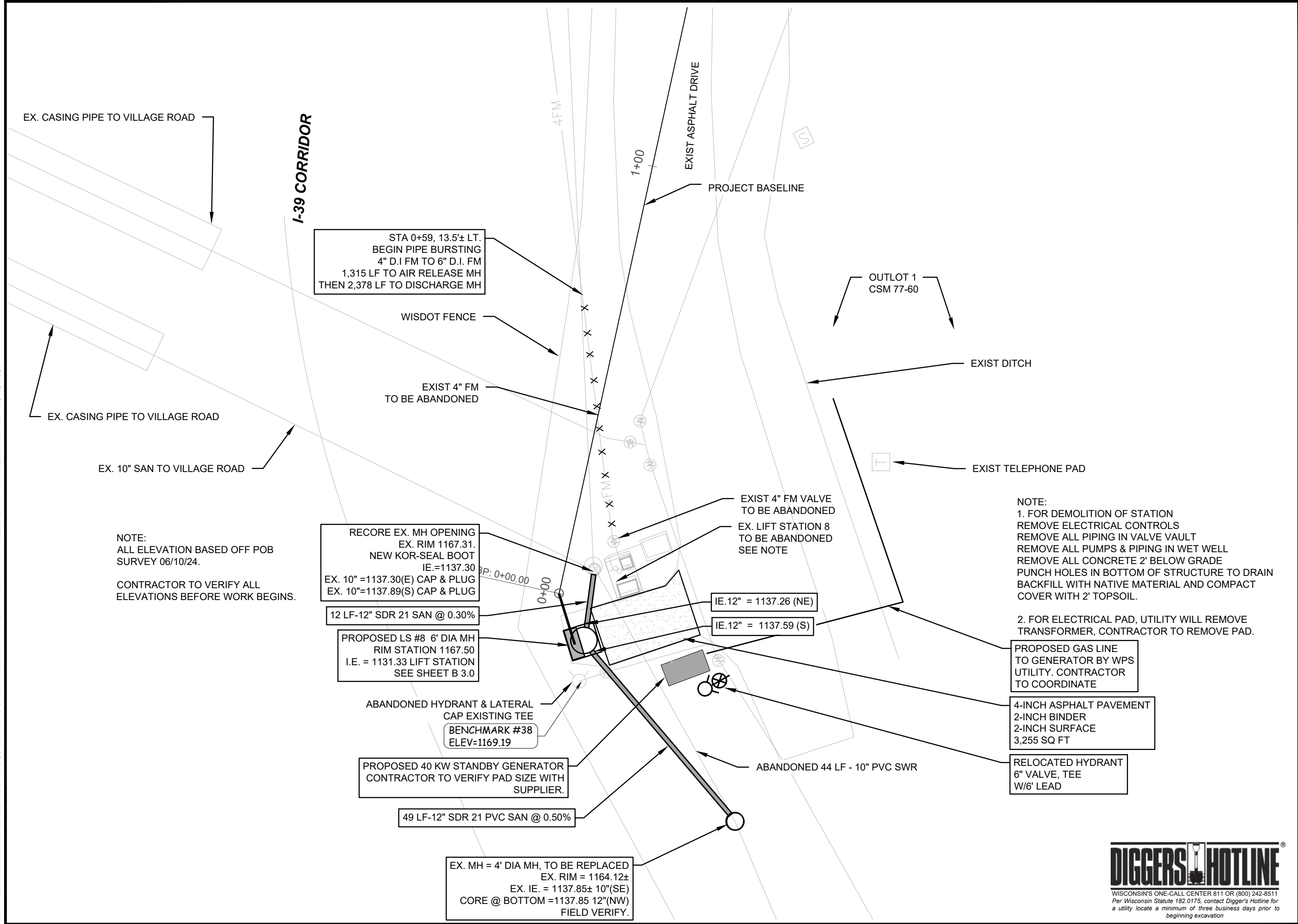
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22

SHEET: 22



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Section 5, Item C.



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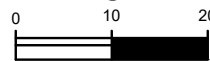
## #8 PROPOSED SITE PLAN

LIFT STATION #8 UPGRADE PROJECT

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/25/24



SCALE: 1" = 20 FEET  
(PRINTED AT 11"x17")

PROJECT NO: 2023-020 (F)

DATE: 07/15/24

DESIGNED BY: RJR

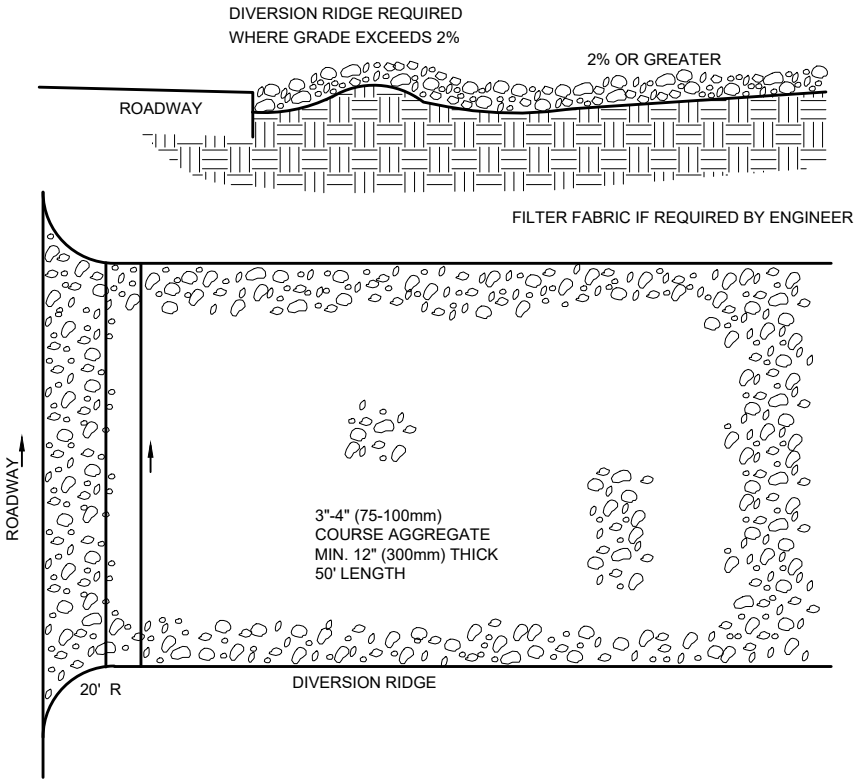
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SHEET: 23



EROSION CONTROL NOTES

1. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
2. CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
3. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
4. WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
5. INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
6. INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060.
7. STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
8. INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
9. REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
10. INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS # 1071.
11. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
12. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
13. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
14. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY ENGINEER. SEPARATE SWEEPED MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
15. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES # 1068.
16. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
17. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS [SPECIFY CLASS I, II, OR III] TYPE [SPECIFY TYPE A, B, OR C] EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
18. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE EROSION CONTROL MATTING AS DIRECTED BY ENGINEER. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
19. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
20. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES (SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATTLES, SWALES, ETC.), OR AS DIRECTED BY ENGINEER.
21. NOTIFY ENGINEER IF THERE IS A DISCHARGE OF SEDIMENT AND/OR OTHER CONTAMINANTS. A SPILL PLAN IS REQUIRED IF THERE IS POTENTIAL TO DISCHARGE CONTAMINANTS TO WATERS OF THE STATE.



- NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT ANY MEASURES USED TO TRAP SEDIMENT.
  2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
  3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
  4. IF TRACKING PAD IS FILLED WITH SEDIMENT REMOVE AND REPLACE COURSE AGGREGATE.

ROCK CONSTRUCTION ENTRANCE

WISCONSIN'S ONE-CALL CENTER 811 OR (800) 242-8511  
Per Wisconsin Statute 182.0175, contact Digger's Hotline for  
a utility locate a minimum of three business days prior to  
beginning excavation

Section 5, Item C.



EROSION CONTROL DETAILS

LIFT STATION #8 UPGRADE  
TAX INCREMENTAL FINANCE DISTRICT #2  
VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/24/24

PROJECT NO: 2023-020 (F)

DATE: 10/01/23

DESIGNED BY: RJR

DRAWN BY:

24

SHEET:

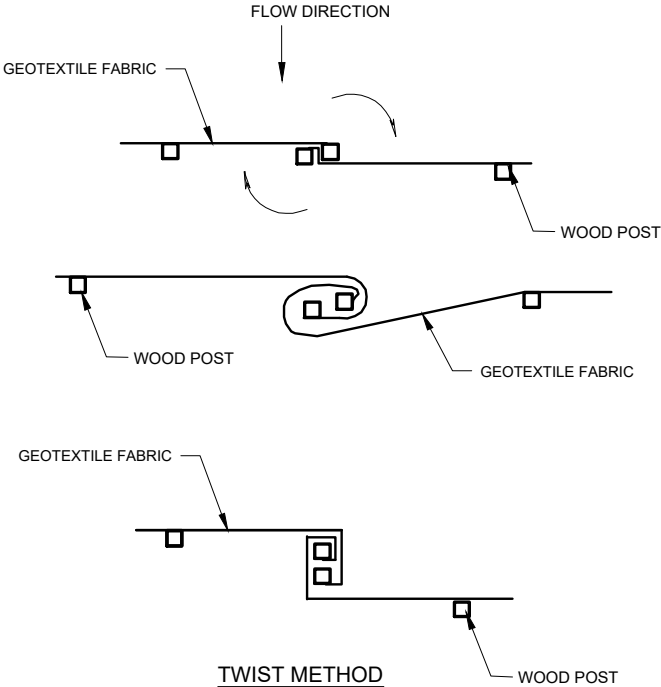
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GENERAL NOTES

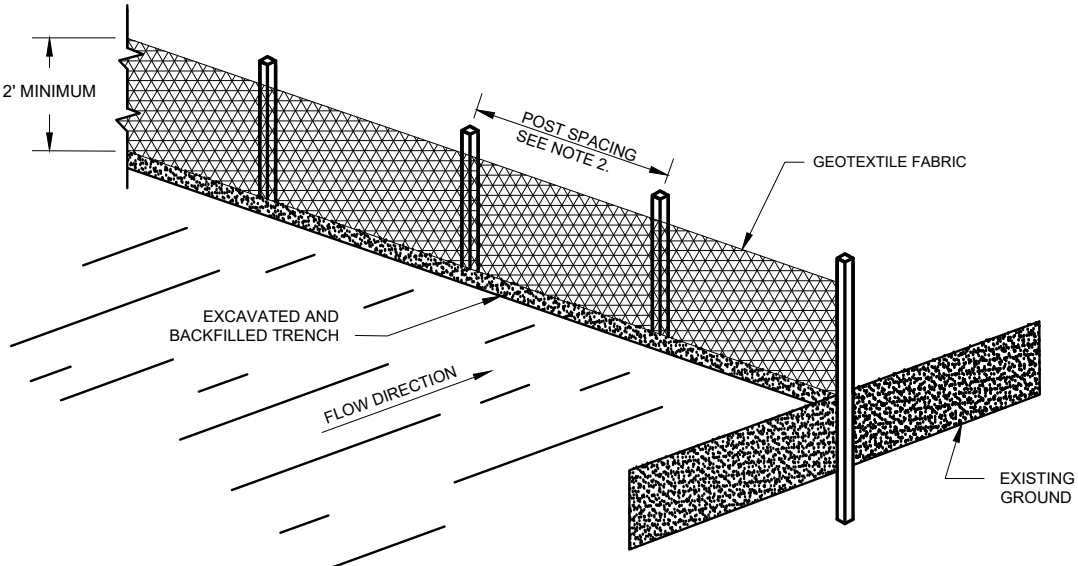
| TEST REQUIREMENT                                                                                | METHOD      | VALUE *                                                               |
|-------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------|
| MINIMUM GRAB TENSILE STRENGTH<br>IN THE MACHINE DIRECTION                                       | ASTM D 4632 | 120 LBS.                                                              |
| MINIMUM GRAB TENSILE STRENGTH<br>IN THE CROSS MACHINE DIRECTION                                 | ASTM D 4632 | 100 LBS.                                                              |
| MAXIMUM APPARENT OPENING SIZE<br>EQUIVALENT STANDARD SIEVE                                      | ASTM D 4751 | NO. 30                                                                |
| MINIMUM PERMITTIVITY                                                                            | ASTM D 4491 | 0.05 SEC <sup>-1</sup>                                                |
| MAXIMUM PERMITTIVITY                                                                            | ASTM D 4491 | 0.135 SEC. <sub>1</sub><br>OR 10 gpm/sq ft at 50<br>mm constant head. |
| MINIMUM ULTRAVIOLET STABILITY<br>PERCENTAGE OF STRENGTH RETAINED<br>AFTER 500 HOURS OF EXPOSURE | ASTM D 4355 | 70%                                                                   |

\* ALL NUMERICAL VALUES REPRESENT MINIMUM/MAXIMUM AVERAGE ROLL VALUES. (FOR EXAMPLE, THE AVERAGE OF MINIMUM TEST RESULTS ON ANY ROLL IN A LOT SHOULD MEET OR EXCEED THE MINIMUM SPECIFIED VALUES.)

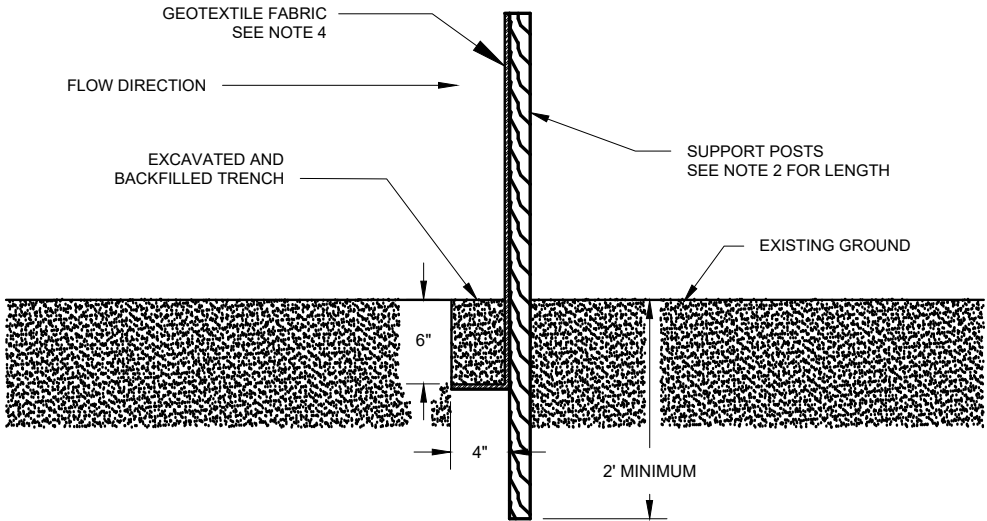
1. THE GEOTEXTILE FABRIC SHALL BE PLACED IN THE EXCAVATED TRENCH, BACKFILLED, AND COMPACTED TO THE EXISTING GROUND SURFACE.
2. WOODEN SUPPORT POSTS SHALL BE A MINIMUM DIMENSION OF 1-1/8" x 1-1/8" AIR OR KILN DRIED OF HICKORY OR OAK AND 4 FEET LONG. STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER LINEAL FOOT AND 5 FEET LONG. POST SPACING SHALL BE A MAXIMUM OF 8 FEET FOR WOVEN FABRIC AND 3 FEET FOR NON-WOVEN FABRIC.
3. THE GEOTEXTILE FABRIC SHALL BE ATTACHED DIRECTLY TO THE UPSLOPE SIDE OF WOODEN POSTS WITH 0.5 INCH STAPLES IN AT LEAST 3 PLACES, OR WITH WOODEN LATH AND NAILS. ATTACHMENT TO STEEL POSTS WILL BE BY WIRE FASTENERS OR 50 POUND PLASTIC TIE STRAPS ON THE UPSLOPE SIDE.
4. THE GEOTEXTILE FABRIC SHALL CONSIST OF EITHER WOVEN OR NON-WOVEN POLYESTER, POLYPROPYLENE, STABILIZED NYLON, POLYETHYLENE, OR POLYVINYLIDENE CHLORIDE. NON-WOVEN FABRIC MAY BE NEEDLE PUNCHED, HEAT BONDED, RESIN BONDED, OR COMBINATIONS THEREOF. ALL FABRIC SHALL MEET THE FOLLOWING REQUIREMENTS:



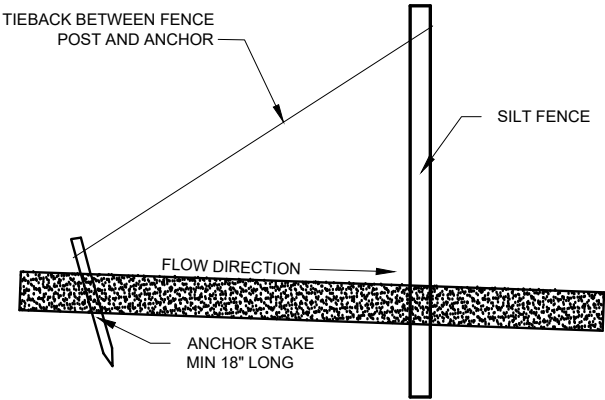
JOINING TWO LENGTHS OF SILT FENCE



SILT FENCE TYPICAL INSTALLATION



SILT FENCE TYPICAL INSTALLATION



SILT FENCE TIE BACK  
(WHEN ADDITIONAL SUPPORT REQUIRED)

WISCONSIN'S ONE-CALL CENTER 811 OR (800) 242-8511  
Per Wisconsin Statute 182.0175, contact Digger's Hotline for  
a utility locate a minimum of three business days prior to  
beginning excavation

Section 5, Item C.



EROSION CONTROL DETAILS

LIFT STATION #8 UPGRADE  
TAX INCREMENTAL FINANCE DISTRICT #2  
VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/24/24

PROJECT NO: 2023-020 (F)

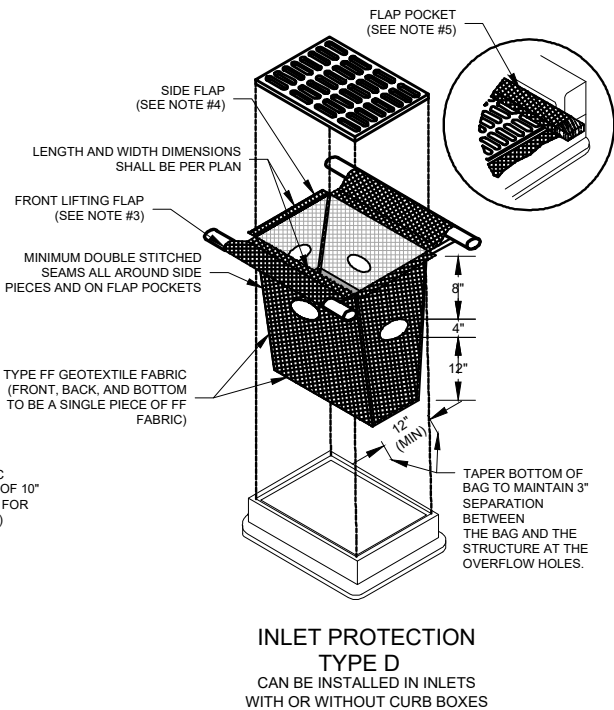
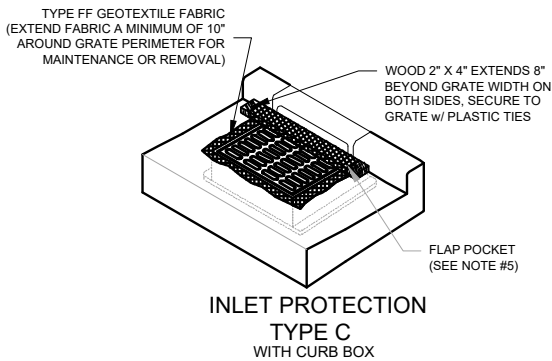
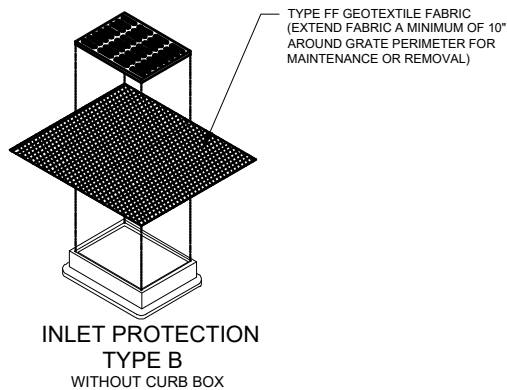
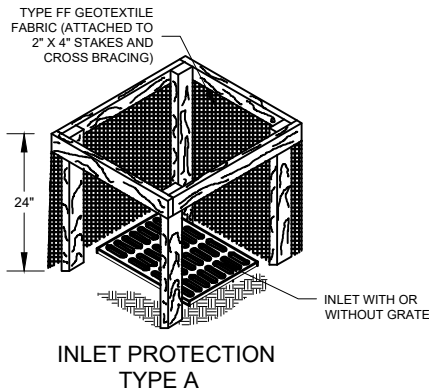
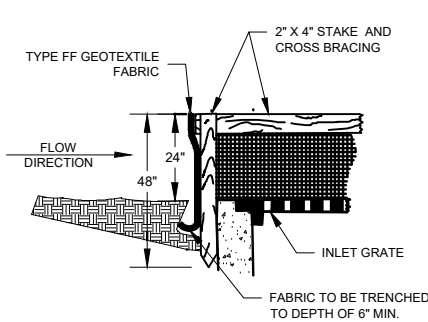
DATE: 10/01/23

DESIGNED BY: RJR

DRAWN BY: WAC

SHEET: 25

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MAINTENANCE NOTES:

1. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.

NOTES:

1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
2. GEOTEXTILE FABRIC TYPE FF FOR FLAPS, TOP AND BOTTOM OF OUTSIDE OF FILTER BAG, FRONT, BACK, AND BOTTOM OF FILTER BAG BEING ONE PIECE.
3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" X 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.

INLET PROTECTION TYPES A, B, C, AND D

Section 5, Item C.



EROSION CONTROL DETAILS

LIFT STATION #8 UPGRADE  
TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/24/24

PROJECT NO: 2023-020 (F)

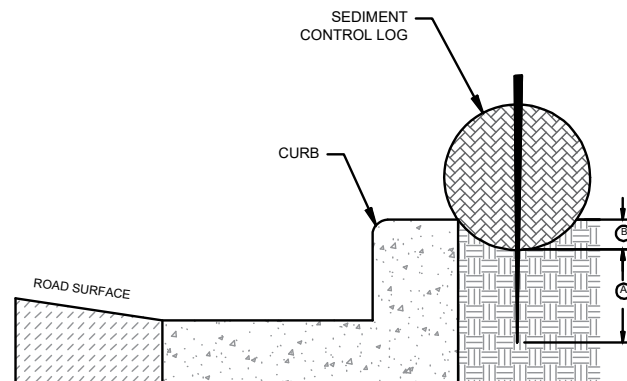
DATE: 10/01/23

DESIGNED BY: RJR

DRAWN BY: WAC

SHEET: 26

WISCONSIN'S ONE-CALL CENTER 811 OR (800) 242-8511  
Per Wisconsin Statute 182.0175, contact Digger's Hotline for a utility locate a minimum of three business days prior to beginning excavation

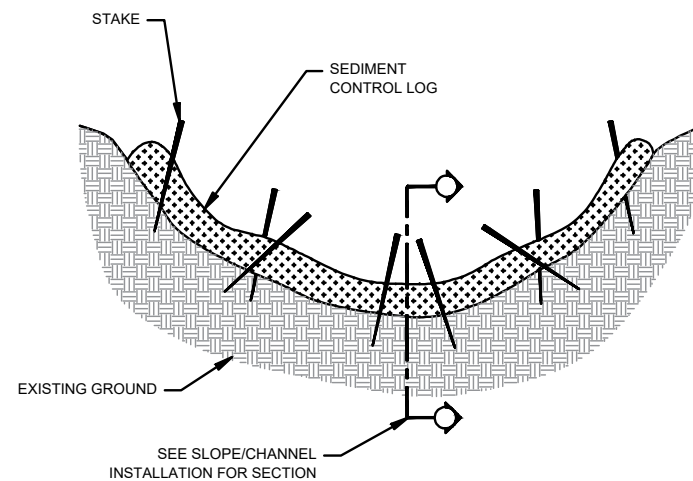


**NOTE:**

- (A) 12" MINIMUM STAKE DEPTH  
 (B) SET LOG IN TRENCH 3 INCHES DEEP AND BACKFILL

SECTION VIEW

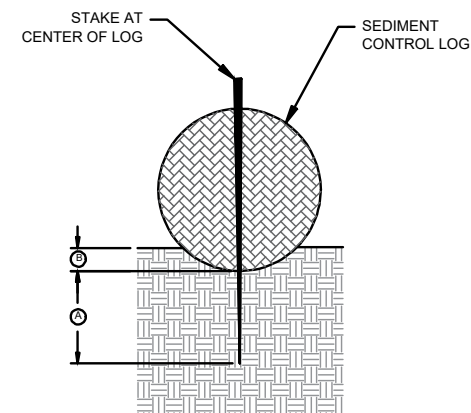
## CURBSIDE INSTALLATION



**DO NOT ALLOW FLOW TO OVERTOP INSTALLATION**

CROSS-SECTION VIEW

## CHANNEL INSTALLATION



**NOTE:**

- (A) 12" MINIMUM STAKE DEPTH  
 (B) SET LOG IN TRENCH 3" DEEP AND BACKFILL

SECTION VIEW

## FLAT GROUND INSTALLATION

### TEMPORARY DITCH CHECKS

**PURPOSE & OPERATION:** PRODUCTS IN THIS CATEGORY ARE INTENDED FOR USE AT THE BOTTOM OF FILL SLOPES AND IN CHANNELS TO INTERCEPT AND POND SEDIMENT-LADEN RUNOFF. PONDING THE WATER REDUCES THE VELOCITY OF THE INCOMING FLOW AND ALLOWS MOST OF SEDIMENTS TO SETTLE OUT. WATER EXITS THE CHECK BY EITHER FILTERING THROUGH OR FLOWING OVER THE TOP.

CONSTRUCTION METHODS. THIS WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR HIGHWAY AND STRUCTURE CONSTRUCTION AND THE STANDARD DETAIL DRAWING IN THE WISDOT FACILITY DEVELOPMENT MANUAL. IN ADDITION TO THE ABOVE, TEMPORARY DITCH CHECKS SHALL BE PLACED PERPENDICULAR TO THE FLOW LINE OF THE DITCH AND SHALL EXTEND FAR ENOUGH SO THAT THE GROUND LEVEL AT THE ENDS OF THE CHECKS ARE HIGHER THAN THE LOW POINT OF THE CREST OF THE CHECK. THE INSTALLED MATERIAL SHALL HAVE A MINIMUM HEIGHT OF 10 INCHES ABOVE THE FLOW LINE IN THE INSTALLED CONDITION. ALL PRODUCTS SHALL BE ENTRENCHED A MINIMUM OF 6 INCHES OF THE DITCH CHECK IS INSTALLED IN A CHANNEL THAT IS CONTINUOUSLY LINED WITH EROSION MAT. NEED NOT BE ENTRENCHED IF INSTALLED OVER THE TOP OF THE EROSION MAT. INSTALLATIONS SHALL HAVE STACKS ON THE DOWNSTREAM SIDE OF THE TEMPORARY DITCH CHECK AND SHALL NOT REDUCE THE HEIGHT OF THE TEMPORARY DITCH CHECK. FABRIC TYPE PRODUCTS MAY BE ENTRENCHED WITH A NARROW CHECK SLOT ON THE UPSTREAM SIDE.

APPROVED MANUFACTURED ALTERNATIVES TO THE DEPARTMENT'S DETAILS ARE LISTED BELOW.

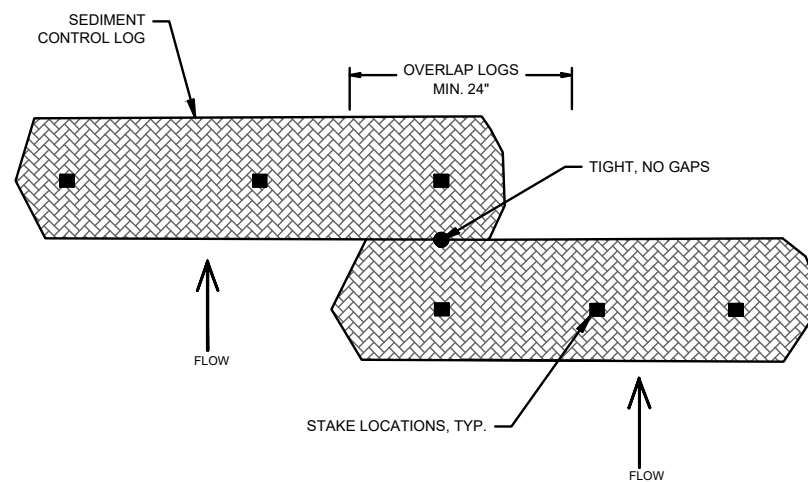
### APPROVED TEMPORARY DITCH CHECKS

| PRODUCT                            | MANUFACTURER               |
|------------------------------------|----------------------------|
| <b>CURLEX 12 INCH SEDIMENT LOG</b> | <b>AMERICAN EXCELSIOR</b>  |
| <b>CURLEX 30 INCH SEDIMENT LOG</b> | <b>AMERICAN EXCELSIOR</b>  |
| <b>AEC PREMIER 12 INCH WATTLE</b>  | <b>AMERICAN EXCELSIOR</b>  |
| <b>AEC PREMIER 30 INCH WATTLE</b>  | <b>AMERICAN EXCELSIOR</b>  |
| STENLOG 12                         | EOSION CONTROL BLANKET.COM |
| TRIANGULAR SILT DIKE               | TRIANGULAR SILT DIKE       |
| ASPEN XCEL EXCELSIOR LOG           | WESTERN EXCELSIOR          |
| DICH CHEXX                         | FILTREXX                   |
| BIO-D SILT CHECK                   | RO LANKA                   |
| WS-12                              | NORTH AMERICAN GREEN       |

## INSULATION INSTRUCTIONS - LOGS AND WATTLES

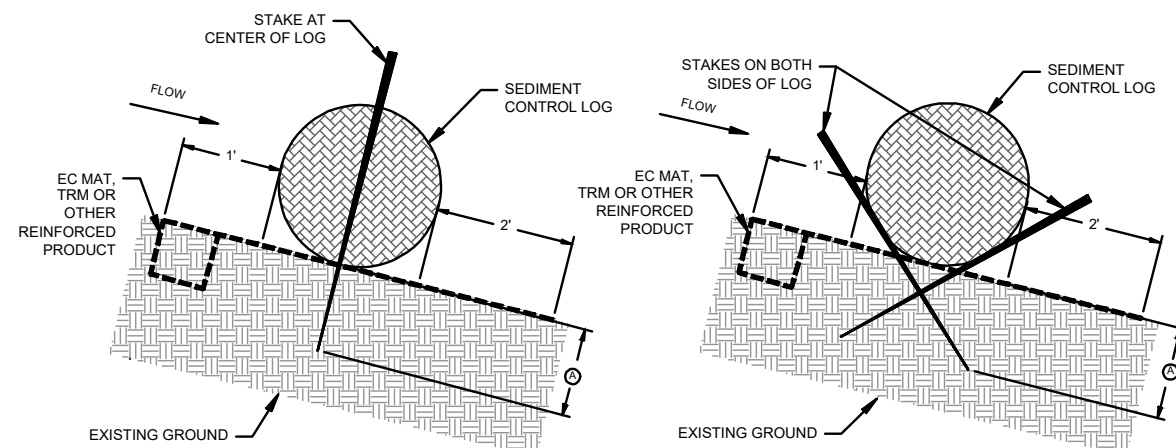
1. **SITE PREPARATION:** PREPARE SITE TO DESIGN PROFILE AND GRADE. REMOVE DEBRIS, ROCKS, CLOUDS, ETC. GROUND SURFACE SHOULD BE SMOOTH PRIOR TO INSTALLATION TO ENSURE LOG REMAINS IN CONTACT WITH SLOPE.
2. **STAPLE SELECTION:** AT A MINIMUM, 1" LONG BY 1" BY 24", STAKES ARE TO BE USED TO SECURE THE LOG TO THE GROUND SURFACE. INSTALLATION IN ROCKY, SANDY OR OTHER LOOSE SOIL MAY REQUIRE LONGER STAKES.
3. **SLOPE INSTALLATION:** PLACE RECP ALONG SLOPE TO PROVIDE UPSTREAM APRON FOR LOG. SECURE RECP ACCORDING TO STANDARD SLOPE INSTALLATION INSTRUCTIONS INCLUDING UPSTREAM ANCHOR TRENCH. SECURE LOG TO BLANKET, ENSURING LOG REMAINS IN INTIMATE CONTACT WITH THE RECP OVER THE LENGTH OF THE INSTALLATION. A MINIMUM ONE FOOT UPSTREAM APRON AND TWO FOOT DOWNSTREAM APRON ARE REQUIRED FOR INSTALLATION. SUBSEQUENT, DOWNSLOPE ROWS OF LOGS SHOULD BE SPACED APPROPRIATELY FOR SITE CONDITIONS TO MINIMIZE ACCELERATION OF FLOW. FURTHER, LOG SEAMS ARE TO BE OFFSET TO ENSURE CONTINUOUS FILTRATION. FIGURE A PRESENTS A SCHEMATIC OF A SLOPE INSTALLATION IN PROFILE VIEW.
4. **CHANNEL INSTALLATION:** PLACE RECP ALONG CHANNEL TO PROVIDE UPSTREAM AND DOWNSTREAM APRON FOR LOG IDENTICALLY TO SLOPE INSTALLATION. SECURE LOG TO BLANKET, ENSURING LOG REMAINS IN INTIMATE CONTACT WITH THE RECP OVER THE LENGTH OF THE INSTALLATION. A MINIMUM OF ONE FOOT UPSTREAM APRON AND TWO FOOT DOWNSTREAM APRON ARE REQUIRED FOR INSTALLATION. SUBSEQUENT, DOWNSLOPE ROWS OF LOGS SHOULD BE SPACED APPROPRIATELY FOR SITE CONDITIONS TO MINIMIZE ACCELERATION OF FLOW. FURTHER, LOG SEAMS ARE TO BE OFFSET TO ENSURE CONTINUOUS FILTRATION. FIGURE A AND FIGURE C PRESENT A SCHEMATIC OF A CHANNEL INSTALLATION.
5. **DRAIN FILTER INSTALLATION:** SURROUND DRAIN INLET TO BE PROTECTED WITH LOG, ENSURING SEAMS ARE OVERLAPPING TO MINIMIZE FLOW CIRCUMVENTING LOG. SECURE LOGS TO GROUND SURFACE ENSURING THE LOG REMAINS IN INTIMATE CONTACT WITH THE GROUND SURFACE OVER THE ENTIRE INSTALLATION. PROVIDE RECP APRON SECURED TO THE GROUND SURFACE BETWEEN DRAIN AND LOG.

WISCONSIN'S ONE-CALL CENTER 811 OR (800) 242-8511  
Per Wisconsin Statute 182.0175, contact Digger's Hotline for  
a utility locate a minimum of three business days prior to  
beginning excavation



### PLAN VIEW

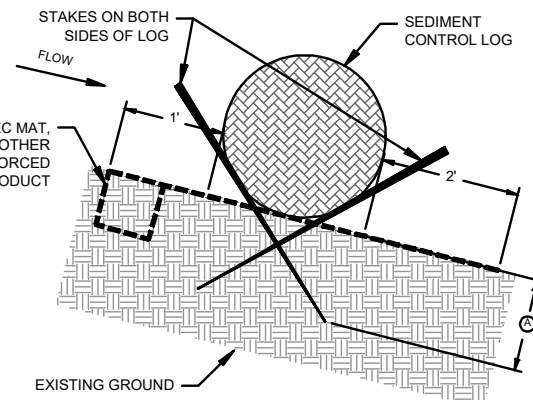
## LOG OVERLAP DETAIL



**NOTE:**

- Ⓐ 12" MINIMUM STAKE DEPTH

**ONE-STAKE SECTION VIEW**



**TWO-STAKE SECTION VIEW**

## SLOPE/ CHANNEL INSTALLATION

Section 5, Item C.

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## SILT LOG DETAILS

LIFT STATION #8 UPGRADE

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/24/2024

PROJECT NO: 2023-020 (F)

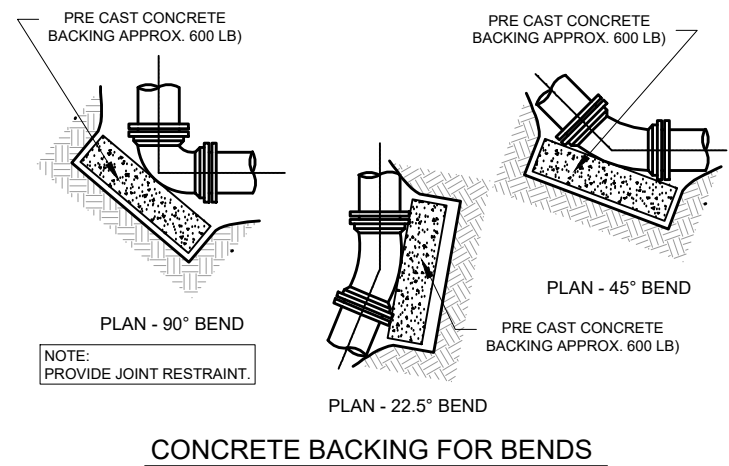
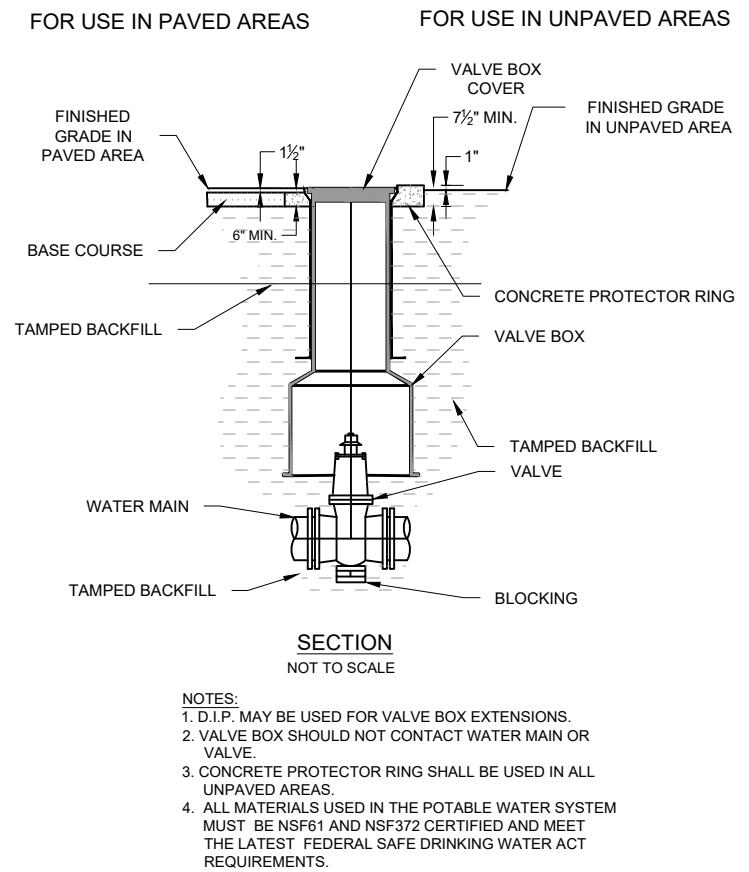
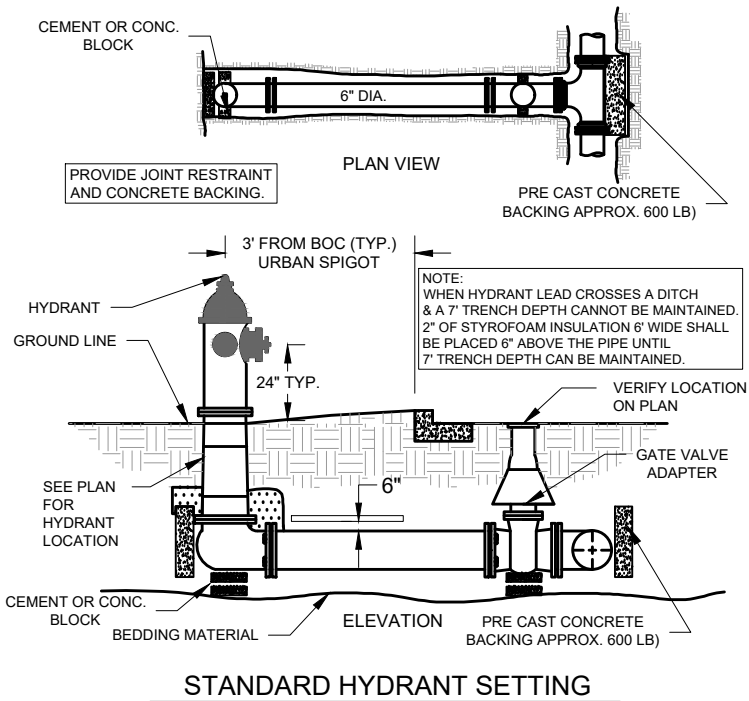
DATE: 07/24/2024

DESIGNED BY: RJR

DRAWN BY: SHEET: 

21

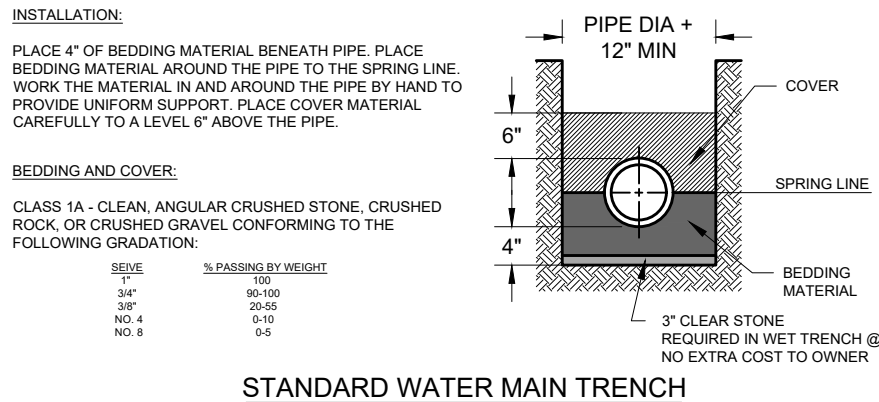
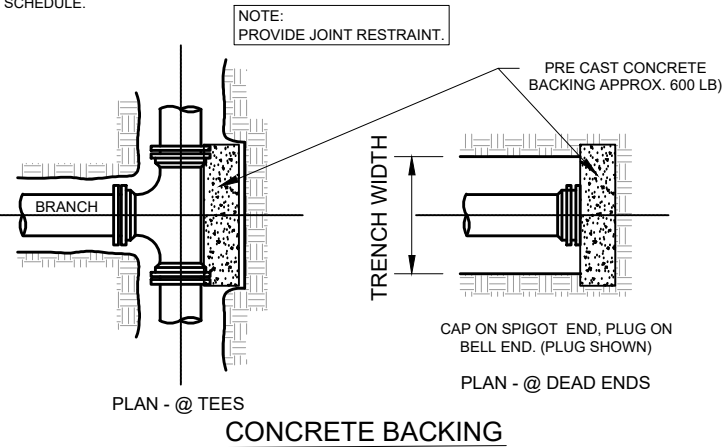
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NOTES:

1. CONCRETE SHALL BE 3,000 PSI MIN.
2. CONCRETE FOR THRUST BLOCKING SHALL BE KEPT FAIRLY DRY, THUS MAKING THE CONCRETE WEDGE SHAPE MORE EASILY FORMED WITH THE WIDEST PART (BLOCKING AREA) AGAINST UNDISTURBED SOIL.
3. NO CONCRETE SHALL COVER ANY BOLTS OR GLANDS.
4. ALL FITTING AND ACCESSORIES TO BE WRAPPED WITH 10 MIL POLYETHYLENE PRIOR TO POURING BLOCKING.
5. VOLUME OF THRUST BLOCKING SHALL BE AS SHOWN ON THE THRUST BLOCKING SCHEDULE.

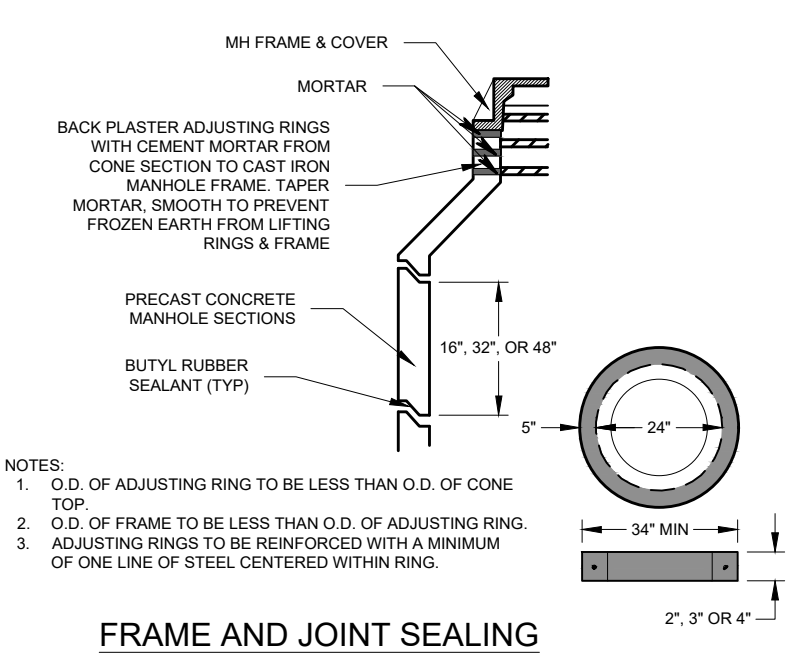
| PIPE SIZE | 90° BEND |     | 45° BEND |     | 22 1/2° BEND |     | 11 1/4° BEND |     | TEE |     | PLUS |     |
|-----------|----------|-----|----------|-----|--------------|-----|--------------|-----|-----|-----|------|-----|
|           | A        | B   | A        | B   | A            | B   | A            | B   | A   | B   | C    | D   |
| 4"        | 8"       | 12" | 8"       | 8"  | 8"           | 8"  | 8"           | 8"  | 8"  | 9"  | 10"  | 16" |
| 6"        | 10"      | 12" | 8"       | 10" | 8"           | 8"  | 8"           | 8"  | 10" | 10" | 12"  | 18" |
| 8"        | 15"      | 13" | 10"      | 10" | 8"           | 8"  | 8"           | 8"  | 10" | 12" | 12"  | 24" |
| 10"       | 16"      | 14" | 10"      | 12" | 8"           | 10" | 8"           | 10" | 11" | 14" | 14"  | 25" |
| 12"       | 20"      | 16" | 12"      | 14" | 8"           | 12" | 8"           | 12" | 14" | 16" | 16"  | 30" |
| 14"       | 22"      | 18" | 14"      | 16" | 10"          | 14" | 10"          | 14" | 16" | 18" | 18"  | 34" |
| 16"       | 26"      | 20" | 16"      | 18" | 12"          | 16" | 12"          | 16" | 18" | 20" | 20"  | 36" |
| 20"       | 36"      | 26" | 24"      | 18" | 18"          | 13" | 12"          | 9"  | 19" | 18" | 24"  | 48" |
| 24"       | 48"      | 33" | 30"      | 21" | 18"          | 18" | 15"          | 11" | 21" | 21" | 28"  | 56" |



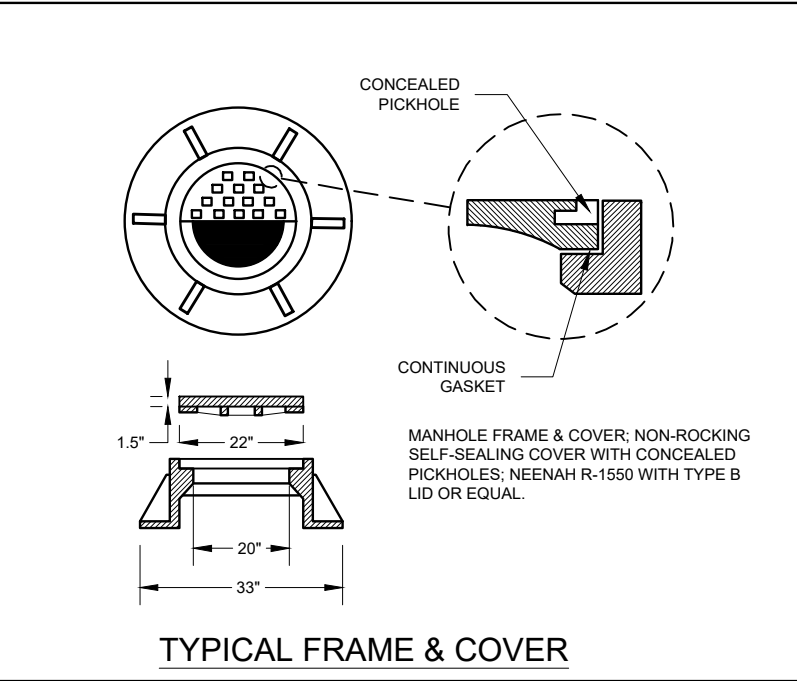
WISCONSIN'S ONE-CALL CENTER 811 OR (800) 242-8511  
Per Wisconsin Statute 182.0175, contact Digger's Hotline for a utility locate a minimum of three business days prior to beginning excavation

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/24/24

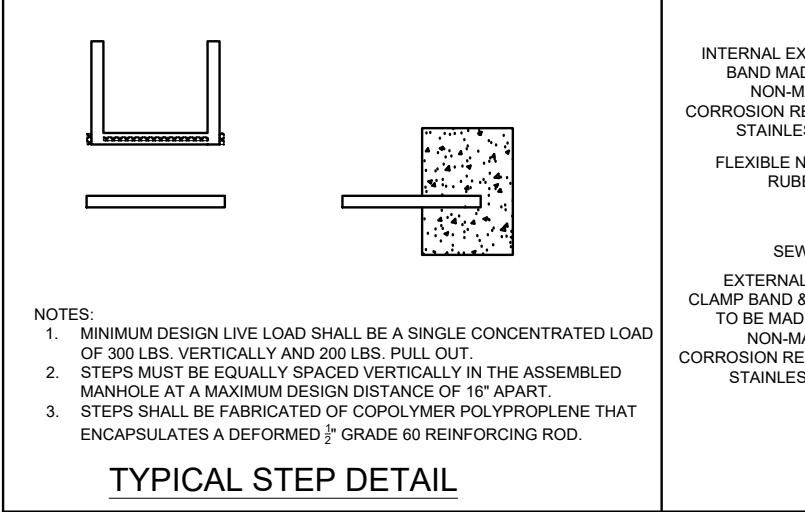
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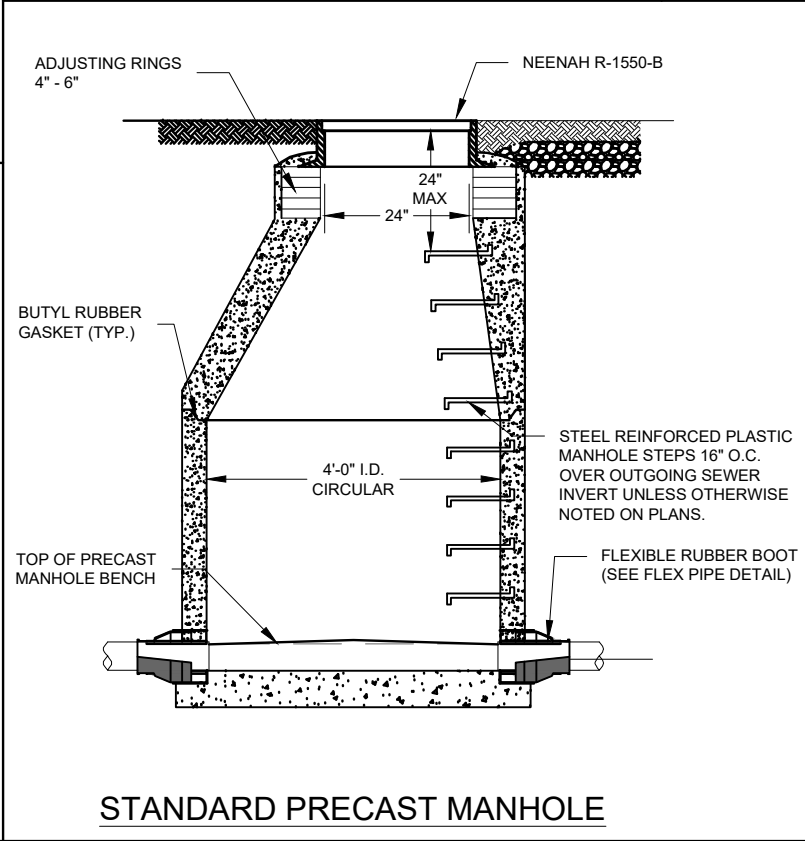
FRAME AND JOINT SEALING



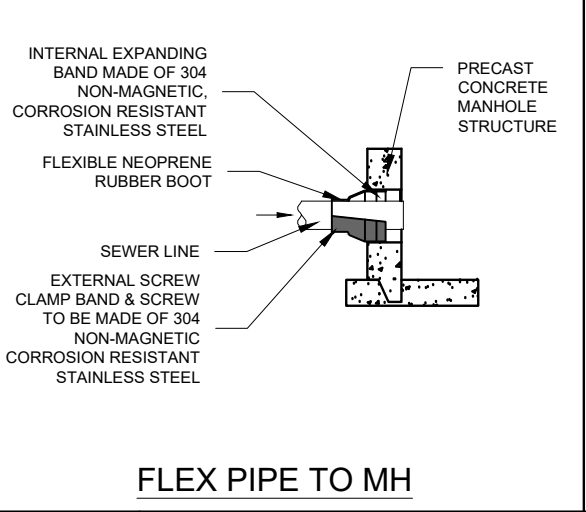
TYPICAL FRAME & COVER



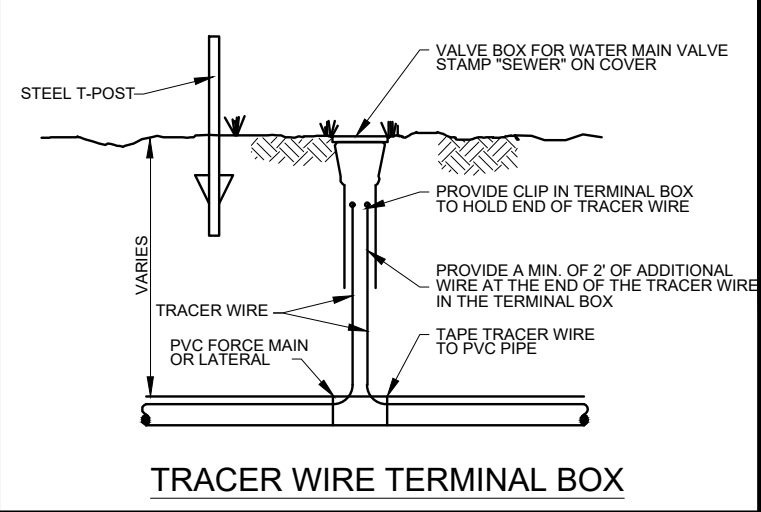
TYPICAL STEP DETAIL



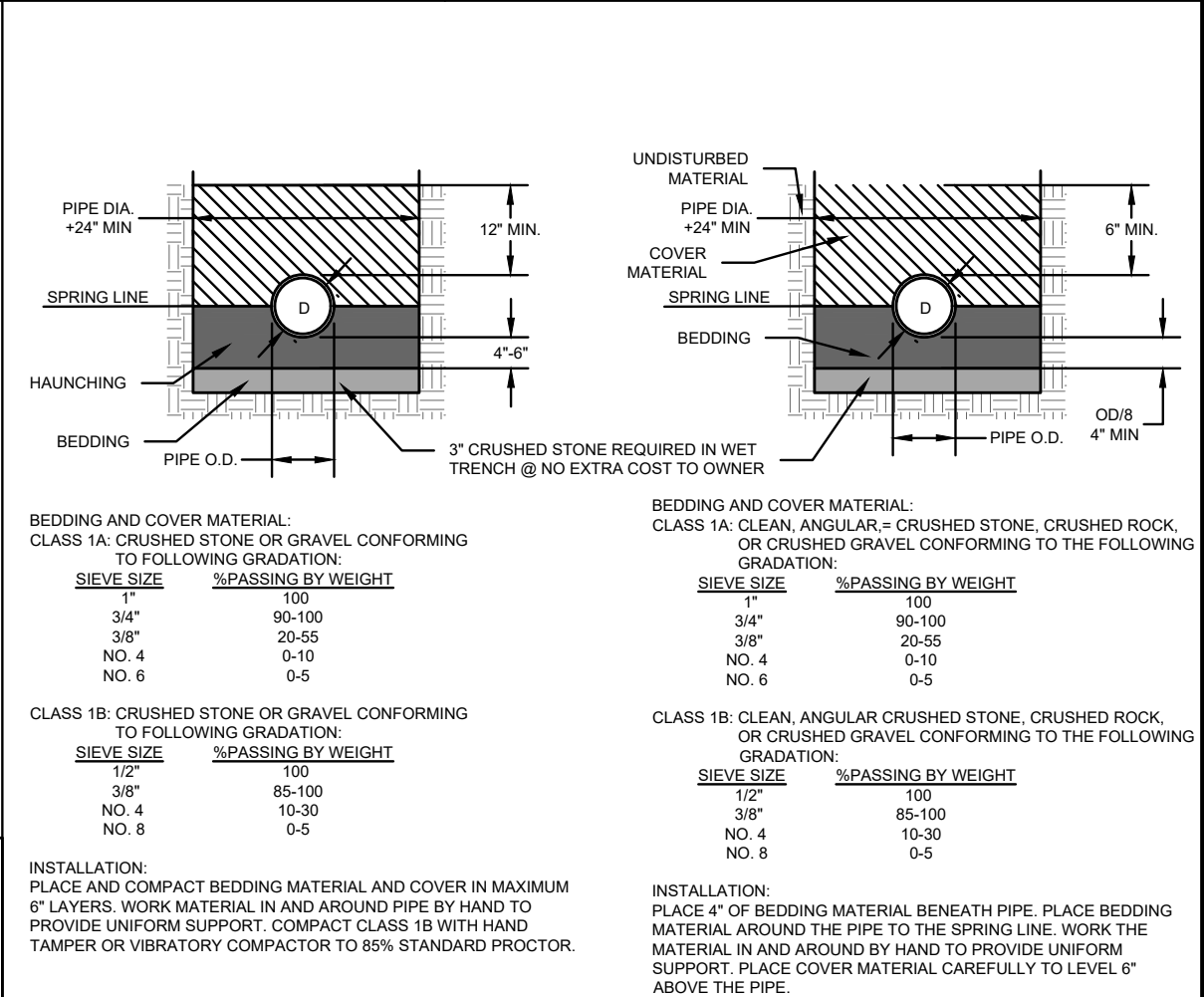
STANDARD PRECAST MANHOLE



FLEX PIPE TO MH

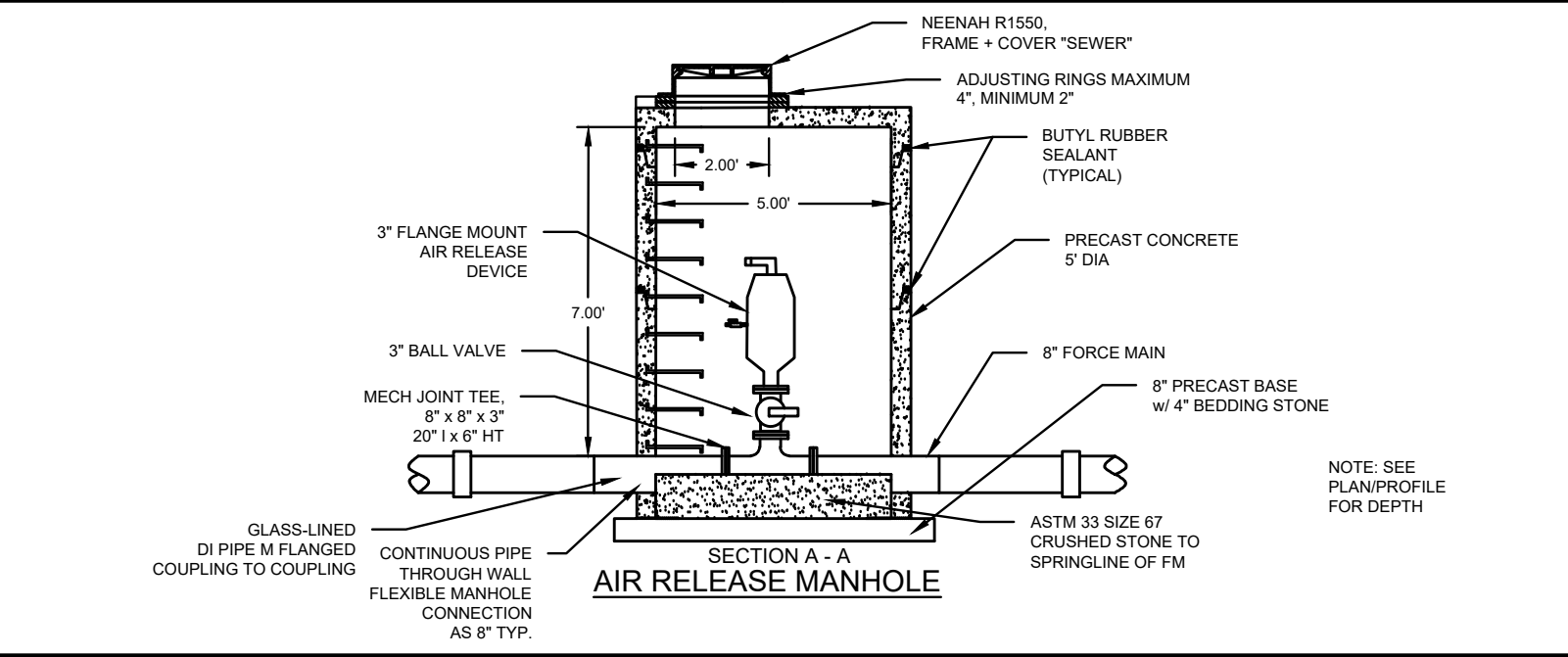


TRACER WIRE TERMINAL BOX



FLEXIBLE PIPE BEDDING (INC. CMP)

RIGID PIPE BEDDING (RCP)



SECTION A - A  
AIR RELEASE MANHOLE

Section 5, Item C.

RPS

ROTH PROFESSIONAL SOLUTION

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SANITARY SEWER DETAILS

LIFT STATION #8 UPGRADE

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/24/24

PROJECT NO: 2023-020 (F)

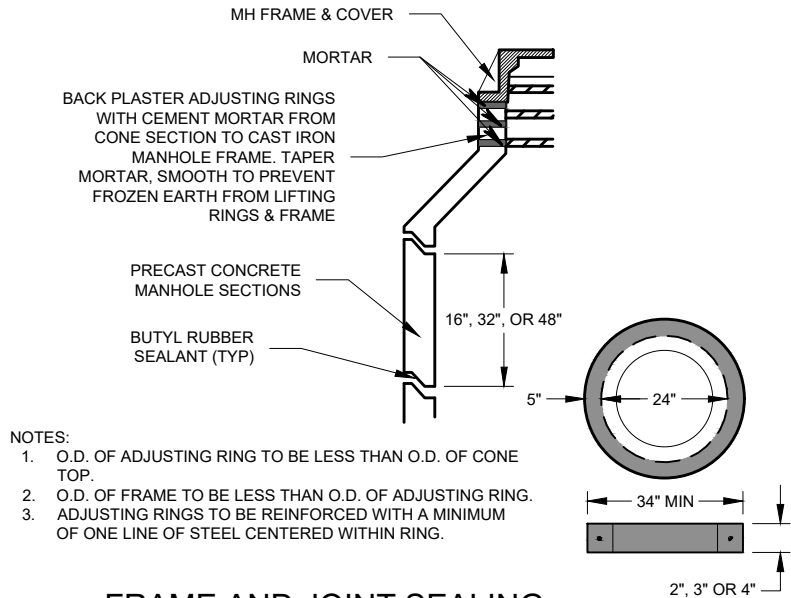
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DESIGNED BY: RJR

DRAWN BY: WAC

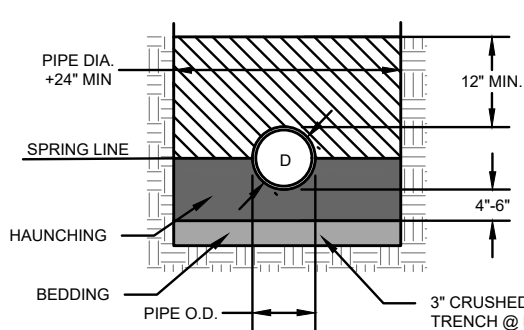
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- NOTES:
1. O.D. OF ADJUSTING RING TO BE LESS THAN O.D. OF CONE TOP.
  2. O.D. OF FRAME TO BE LESS THAN O.D. OF ADJUSTING RING.
  3. ADJUSTING RINGS TO BE REINFORCED WITH A MINIMUM OF ONE LINE OF STEEL CENTERED WITHIN RING.

FRAME AND JOINT SEALING



BEDDING AND COVER MATERIAL:  
CLASS 1A: CRUSHED STONE OR GRAVEL CONFORMING TO FOLLOWING GRADATION:

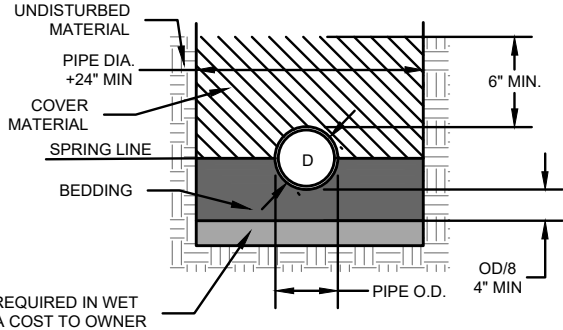
| SIEVE SIZE | %PASSING BY WEIGHT |
|------------|--------------------|
| 1"         | 100                |
| 3/4"       | 90-100             |
| 3/8"       | 20-55              |
| NO. 4      | 0-10               |
| NO. 6      | 0-5                |

CLASS 1B: CRUSHED STONE OR GRAVEL CONFORMING TO FOLLOWING GRADATION:

| SIEVE SIZE | %PASSING BY WEIGHT |
|------------|--------------------|
| 1/2"       | 100                |
| 3/8"       | 85-100             |
| NO. 4      | 10-30              |
| NO. 8      | 0-5                |

INSTALLATION:  
PLACE AND COMPACT BEDDING MATERIAL AND COVER IN MAXIMUM 6" LAYERS. WORK MATERIAL IN AND AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT. COMPACT CLASS 1B WITH HAND TAMPER OR VIBRATORY COMPACTOR TO 85% STANDARD PROCTOR.

FLEXIBLE PIPE BEDDING (INC. CMP)



BEDDING AND COVER MATERIAL:  
CLASS 1A: CLEAN, ANGULAR, CRUSHED STONE, CRUSHED ROCK, OR CRUSHED GRAVEL CONFORMING TO THE FOLLOWING GRADATION:

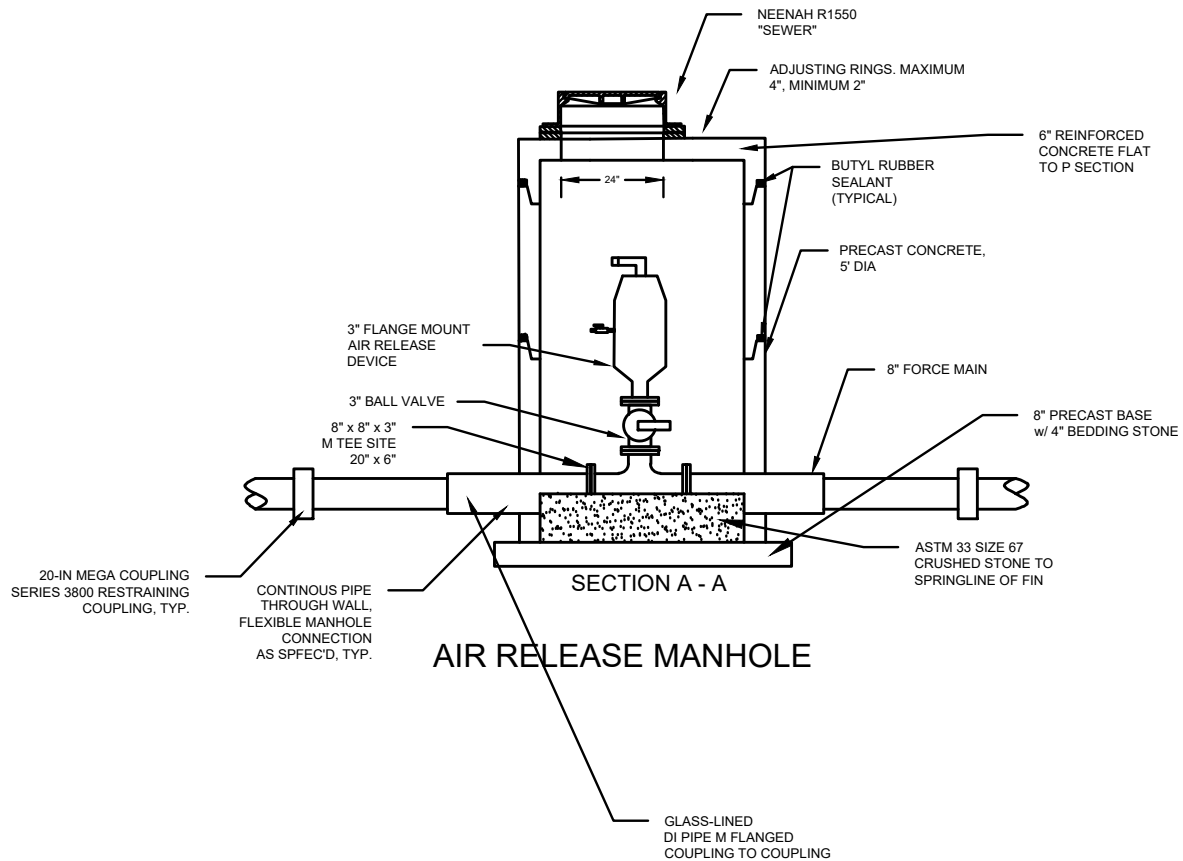
| SIEVE SIZE | %PASSING BY WEIGHT |
|------------|--------------------|
| 1"         | 100                |
| 3/4"       | 90-100             |
| 3/8"       | 20-55              |
| NO. 4      | 0-10               |
| NO. 6      | 0-5                |

CLASS 1B: CLEAN, ANGULAR CRUSHED STONE, CRUSHED ROCK, OR CRUSHED GRAVEL CONFORMING TO THE FOLLOWING GRADATION:

| SIEVE SIZE | %PASSING BY WEIGHT |
|------------|--------------------|
| 1/2"       | 100                |
| 3/8"       | 85-100             |
| NO. 4      | 10-30              |
| NO. 8      | 0-5                |

INSTALLATION:  
PLACE 4" OF BEDDING MATERIAL BENEATH PIPE. PLACE BEDDING MATERIAL AROUND THE PIPE TO THE SPRING LINE. WORK THE MATERIAL IN AND AROUND BY HAND TO PROVIDE UNIFORM SUPPORT. PLACE COVER MATERIAL CAREFULLY TO LEVEL 6" ABOVE THE PIPE.

RIGID PIPE BEDDING (RCP)



Section 5, Item C.



SANITARY SEWER DETAILS

LIFT STATION #8 UPGRADE  
TAX INCREMENTAL FINANCE DISTRICT #2  
VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/24/24

PROJECT NO: 2023-020 (F)

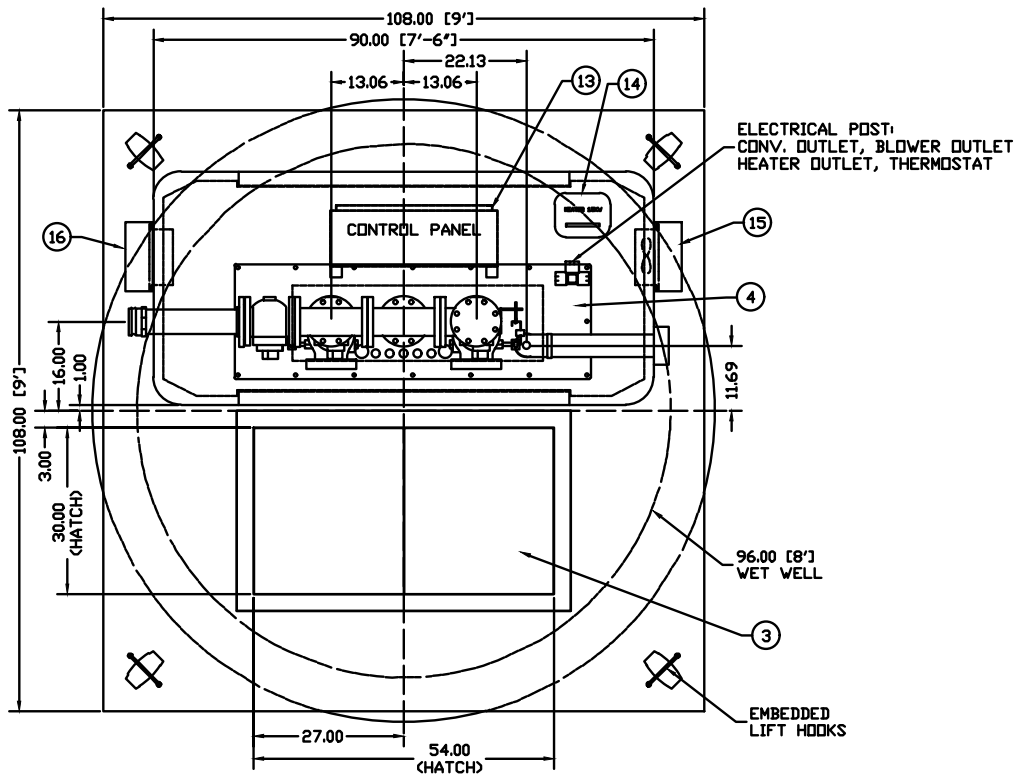
DATE: 10/01/23

DESIGNED BY: RJR

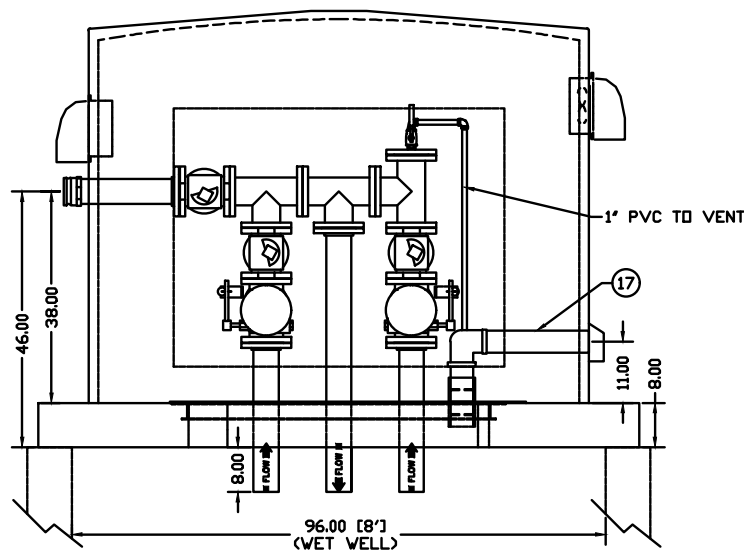
DRAWN BY: WAC

SHEET: 30

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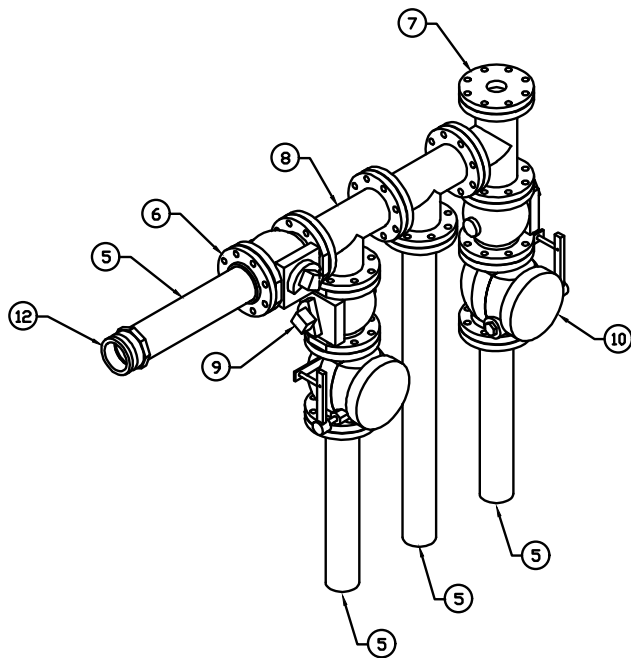
PLAN VIEW



FRONT VIEW

NOTES:

- 1) POWER ENTRANCE INTO ENCLOSURE AND CONDUIT TO PANEL TO BE PROVIDED BY OTHERS.
- 2) WIRE PENETRATIONS:
  - PUMP CABLE - 1.5' COUPLING @2
  - LEVEL TRANSDUCER & FLOATS - .75' COUPLING @5
- 3) LIFT HOOK LOCATIONS SUBJECT TO CHANGE PER CONCRETE MANUFACTURER



SIDE VIEW

|      |          |                                                                                |
|------|----------|--------------------------------------------------------------------------------|
| -    | -        | PAINT, DEVOE                                                                   |
| -    | -        |                                                                                |
| 18   | 1        | HAND LAMP W/ 25' CORD                                                          |
| 17   | 1        | PVC WET WELL VENT W/SCREENED RAIN HOOD                                         |
| 16   | 1        | VENTILATION INLET, DAYTON 2C517 LOUVER & RAIN HOOD                             |
| 15   | 1        | VENTILATION BLOWER, DAYTON 1HLA1, W/DAYTON 2C517 LOUVER & RAIN HOOD            |
| 14   | 1        | HEATER, 1.5 KW                                                                 |
| -    | -        |                                                                                |
| 13   | 1        | CONTROL PANEL, 42x30x10" (PROVIDED BY B&M TECHNICAL SERVICE, INSTALLED BY DPI) |
| -    | -        | LEVEL SENSING & ALARM EQUIPMENT (PROVIDED BY B&M TECHNICAL SERVICE)            |
| -    | 1        | THERMOSTAT, VENTILATION BLOWER CONTROL                                         |
| -    | 1        | CONVENIENCE OUTLET                                                             |
| -    | -        | CONDUIT, PVC                                                                   |
| -    | -        |                                                                                |
| 12   | 1        | COUPLING, 4" PT QUICK CONNECT                                                  |
| 11   | 1        | VALVE, 1" BALL, SMITH COOPER                                                   |
| 10   | 2        | VALVE, 4" CHECK, PRATT 8001 W/ LEVER AND SPRING                                |
| 9    | 3        | VALVE, 4" PLUG, MILLIKEN W/ LEVER                                              |
| -    | -        | HARDWARE, NUTS, BOLTS, GR. 2 ZINC PLATED STEEL                                 |
| -    | -        | GASKET, RED RUBBER RING (.06")                                                 |
| -    | -        |                                                                                |
| 8    | 3        | TEE, 4x4x4" D.I.                                                               |
| 7    | 1        | FLANGE, 4" ANSI 150#, BLIND W/2" NPT HOLE                                      |
| -    | -        |                                                                                |
| 6    | 4        | FLANGE, 4" ANSI 150#, 304 STAINLESS STEEL                                      |
| 5    | 117"     | PIPE, 4" SCH 40, 304 STAINLESS STEEL                                           |
| -    | -        |                                                                                |
| 4    | 1        | PIPE PENETRATION PLATE, .25" 304 STAINLESS STEEL                               |
| 3    | 1        | HATCH, 30x54", HALLIDAY PRODUCTS                                               |
| 2    | 1        | ENCLOSURE, FIBERGLASS, 90x42x71", 2 DOORS, WHITE                               |
| 1    | 1        | CONCRETE BASE, 9'x9'x8", EMBEDDING LIFT HOOKS, LINE-X COATING                  |
| ITEM | QUANTITY | DESCRIPTION                                                                    |

**DIGGERS HOTLINE**  
WISCONSIN'S ONE-CALL CENTER 811 OR (800) 242-8511  
Per Wisconsin Statute 182.0175, contact Digger's Hotline for a utility locate a minimum of three business days prior to beginning excavation.

TYPICAL ABOVE GROUND VALVE VAULT DETAILS

LIFT STATION #8 UPGRADE PROJECT  
TAX INCREMENTAL FINANCE DISTRICT #2  
VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 08/01/24

PROJECT NO: 2023-020 (F)

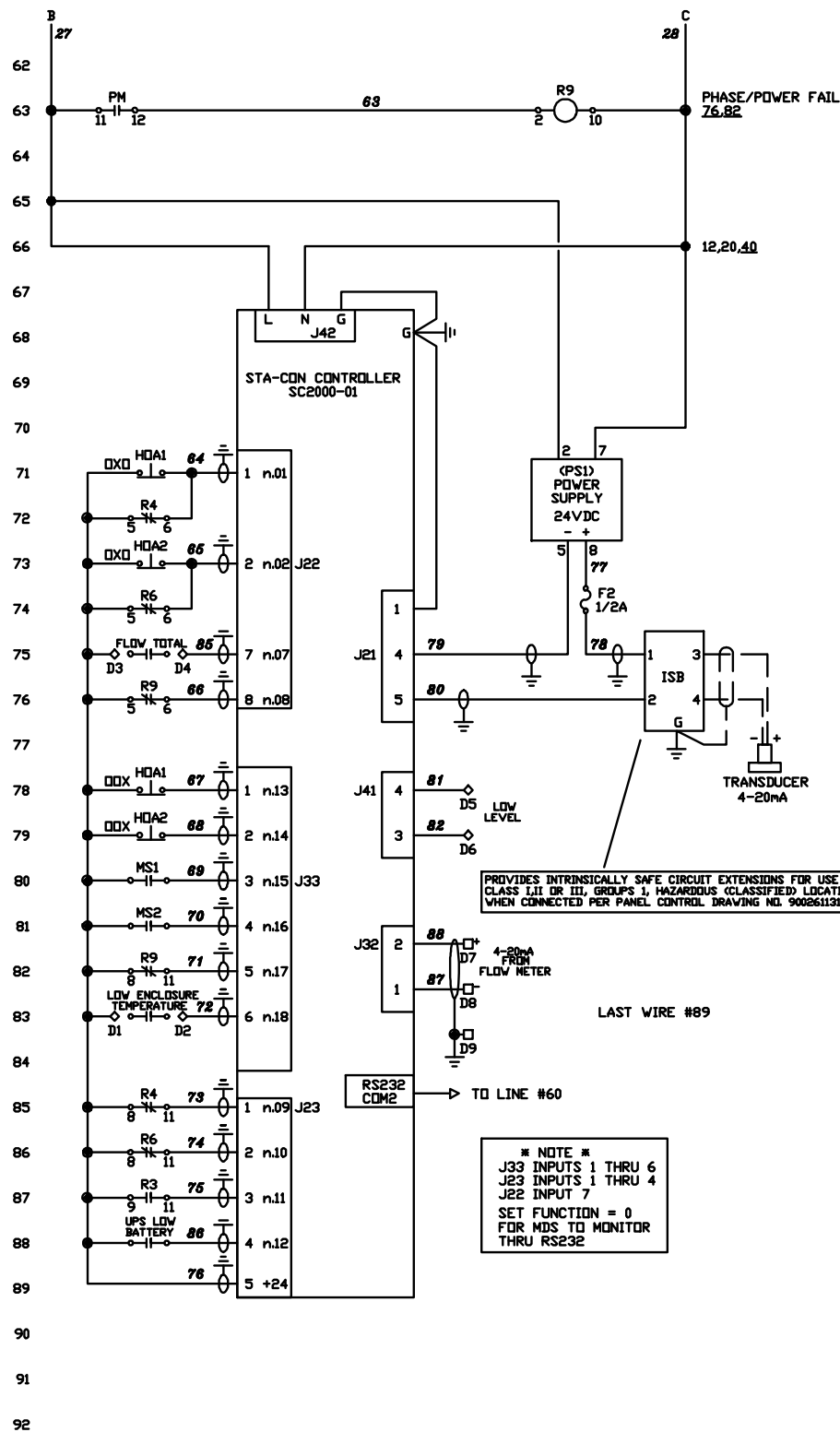
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DESIGNED BY: RJR

DRAWN BY: CSS

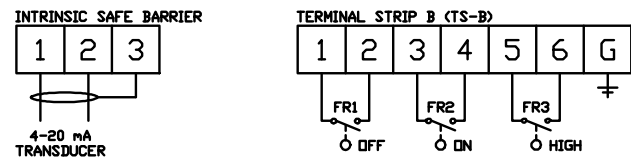
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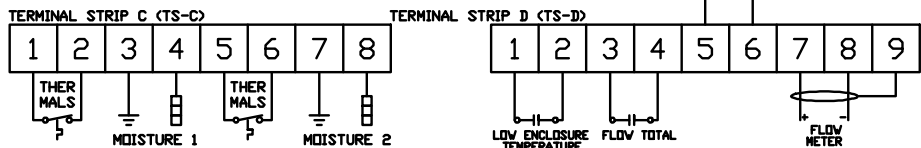
DEVICES ON THE BOTTOM OF THE TERMINAL STRIP ARE REMOTE COMING INTO CONTROL PANEL. DEVICES ON THE TOP OF THE TERMINAL STRIP ARE CONTACTS LEAVING THE CONTROL PANEL.

Intrinsically safe wiring terminals  
Install in accordance with Article 504 of the National Electrical Code.



Nonintrinsically safe wiring terminals

Nonintrinsically safe wiring terminals

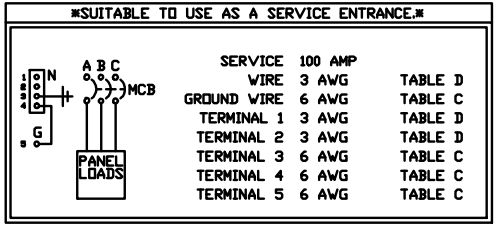


| SQD Ground Busbar<br>PK7CTA, PK12CTA, PK15CTA |           |               |
|-----------------------------------------------|-----------|---------------|
| Wire Range                                    | AVG CU-AL | Torque lb-in. |
| 14-10 CU, 12-10 AL                            | 20        | 40            |
| 8                                             | 25        | 50            |
| 6-4                                           | 35        | 50            |
| Two 14 or 12 CU, Two 12 or 10 AL              | 25        | 50            |

| Panduit Ground Lug<br>One-Barrel |        |               |
|----------------------------------|--------|---------------|
| Wire Range                       | AVG CU | Torque lb-in. |
| (LAMA2-14-GY) 12-14              | 15     | 40            |
| (LAMA2-14-GY) 6-10               | 40     | 50            |
| (LAMA1/0-14-GY) 10-14            | 35     | 40            |
| (LAMA250-56-GY) 2-6              | 275    | 375           |
| (LAMA350-38-GY) 2-6              | 275    | 375           |
| (LAMA600-38-GY) 600-4            | 500    | 500           |
| Two-Barrel                       |        |               |
| (LAMA21/0-14-GY) 10-14           | 35     | 40            |
| (LAMA21/0-14-GY) 4-6             | 45     | 45            |

| SQD Terminal Block<br>GR6 + GR6 |        |               |
|---------------------------------|--------|---------------|
| Wire Range                      | AVG CU | Torque lb-in. |
| (Type GR6) 22-10                | 11-12  | 18-20         |
| (Type GR6) 22-8                 | 18-20  | 18-20         |

CUSTOMER VILLAGE OF KRONENWETTER  
JOB NAME LIFT STATION #8 REPLACEMENT  
ENCLOSURE UL TYPE RATING: UL TYPE 1  
VOLTAGE 240 PHASE 3 HZ 60  
H.P. 22 22  
F.L.A. 22 22  
TOTAL F.L.A. 74  
SERIAL # 14- DATE: 03/21/2024  
SCCR: 10KA SYMMETRICAL @ 240V RMS  
MANUFACTURED BY: STA CON INC 2525 S. DRT APOPKA FL 32703



CUSTOMER VILLAGE OF KRONENWETTER  
JOB NAME LIFT STATION #4 REPLACEMENT  
ENCLOSURE UL TYPE RATING: UL TYPE 1  
VOLTAGE 240 PHASE 3 HZ 60  
H.P. 22 22  
F.L.A. 22 22  
TOTAL F.L.A. 74  
SERIAL # 14- DATE: 03/21/2024  
SCCR: 10KA SYMMETRICAL @ 240V RMS  
MANUFACTURED BY: STA CON INC 2525 S. DRT APOPKA FL 32703

**DIGGERS HOTLINE**  
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Per Wisconsin Statute 182.0175, contact Digger's Hotline for a utility locate a minimum of three business days prior to beginning excavation

## ELECTRICAL ONE-LINE DIAGRAM

LIFT STATION #8 UPGRADE PROJECT

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 08/01/24

PROJECT NO: 2023-020 (F)

DATE: 01/05/24

DESIGNED BY: RJR

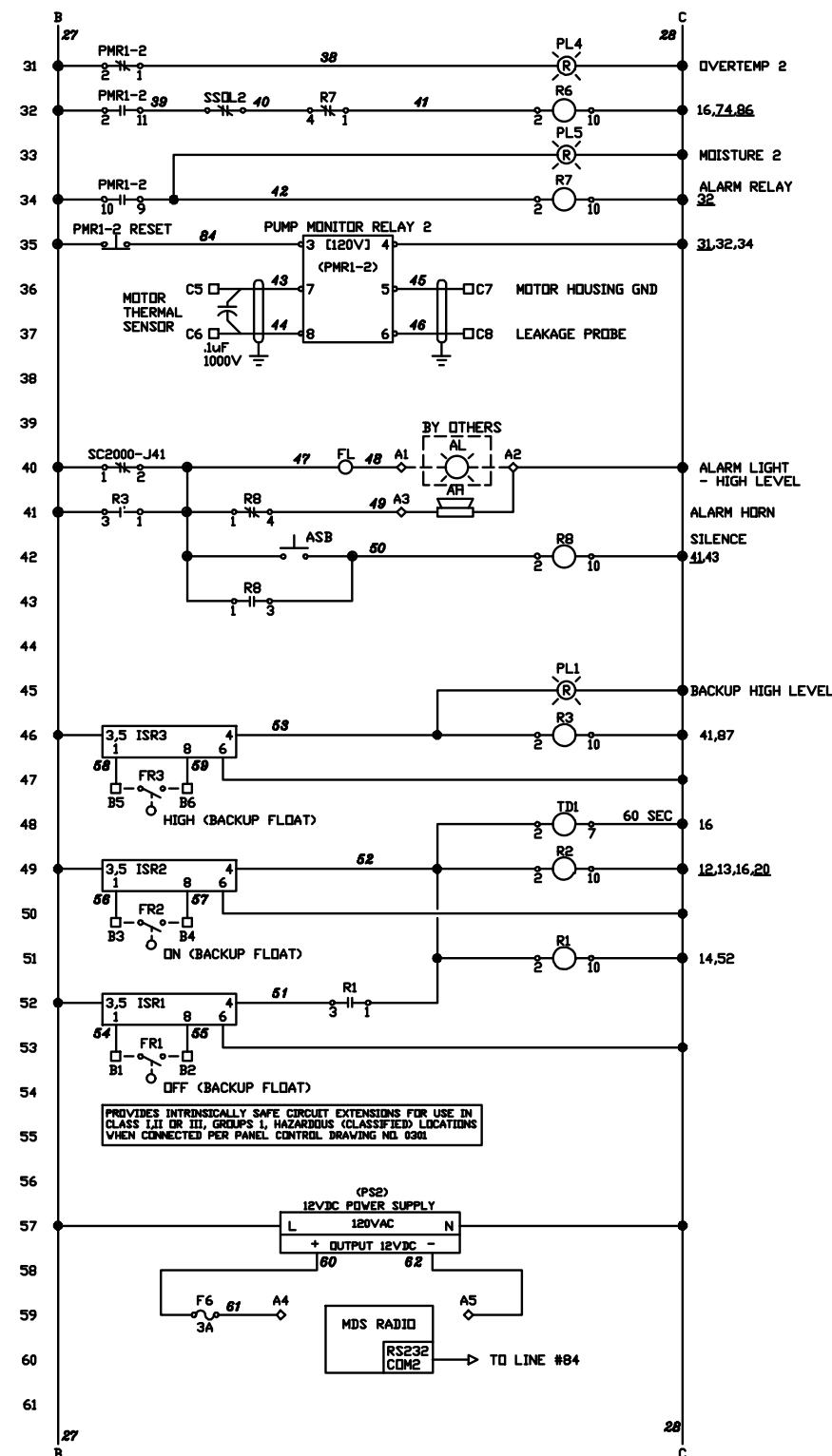
DRAWN BY:

SHEET:

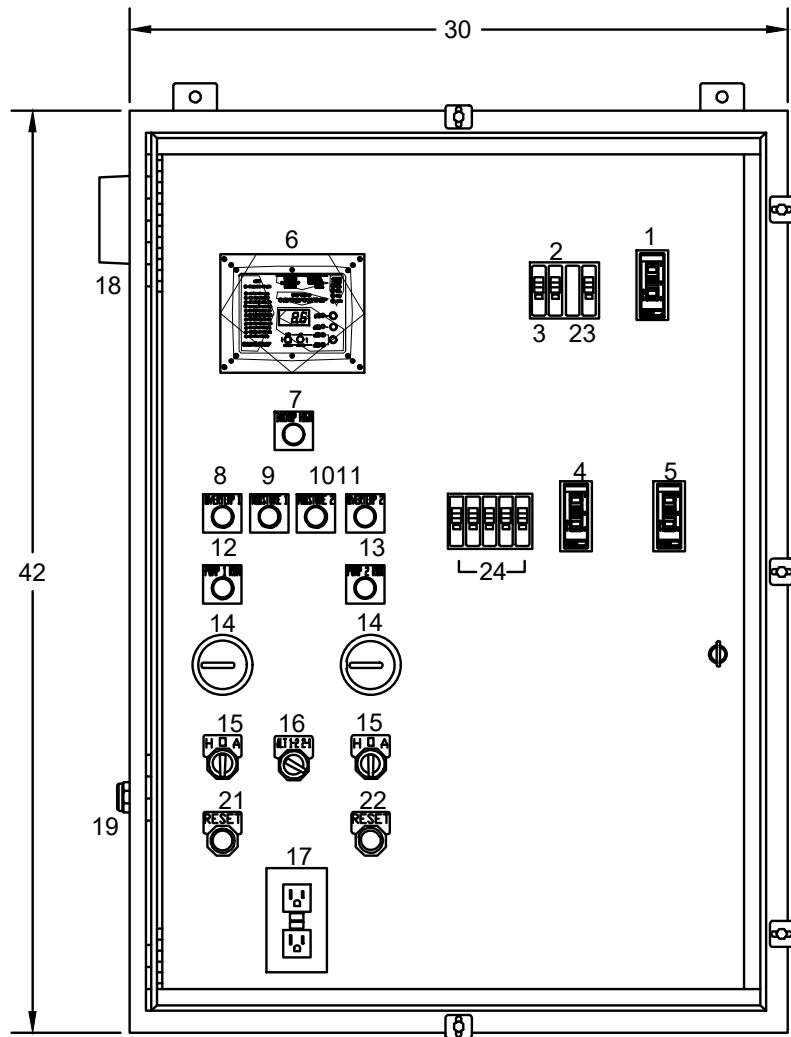
LIFT STATION #8 UPGRADE PROJECT

## VILLAGE OF KRONENWETTER MARATHON COUNTY WISCONSIN

33

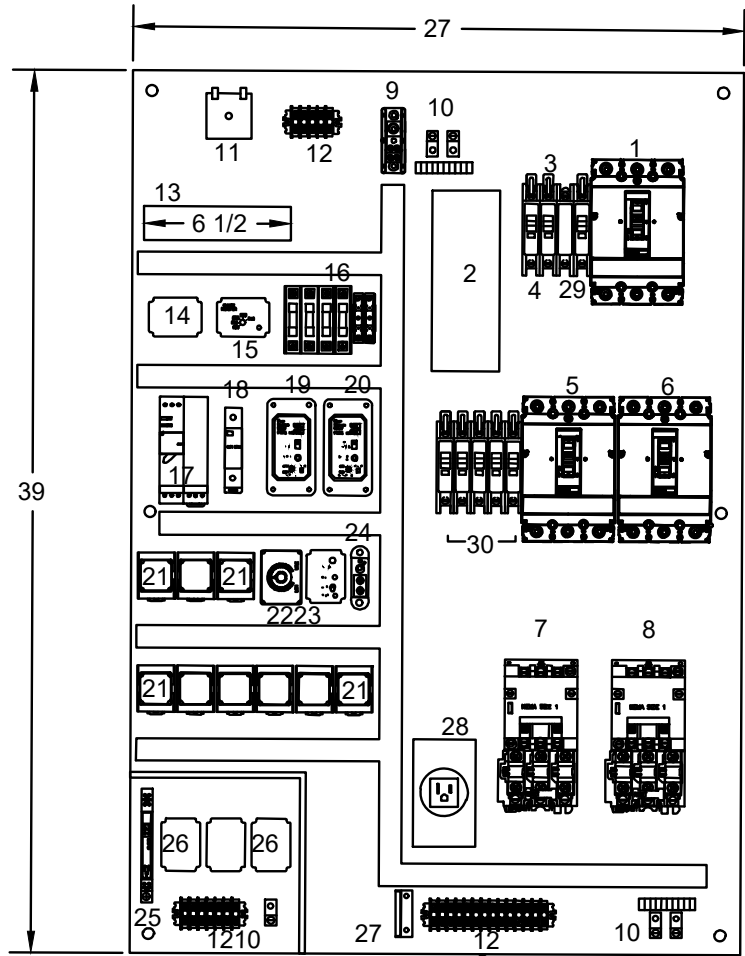
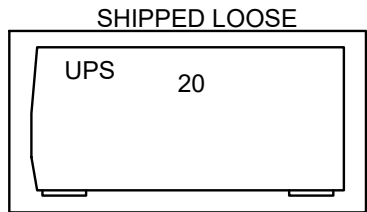


File: F:\1 PROJECT FILES\2023\2023-020 VILLAGE OF KRONENWETTER\1\T02 08 & 04 UPS\GRADE\CD\KRONVELECT SECTIONS STATION DWG - Sheet Name: 2, AISC FULL BLEED 8 (11.00 X 17.00 INCHES). Date: 7/20/2024 9:46 AM. By: Wayne Casper



OUTER DOOR HAS BEEN REMOVED FOR CLARITY

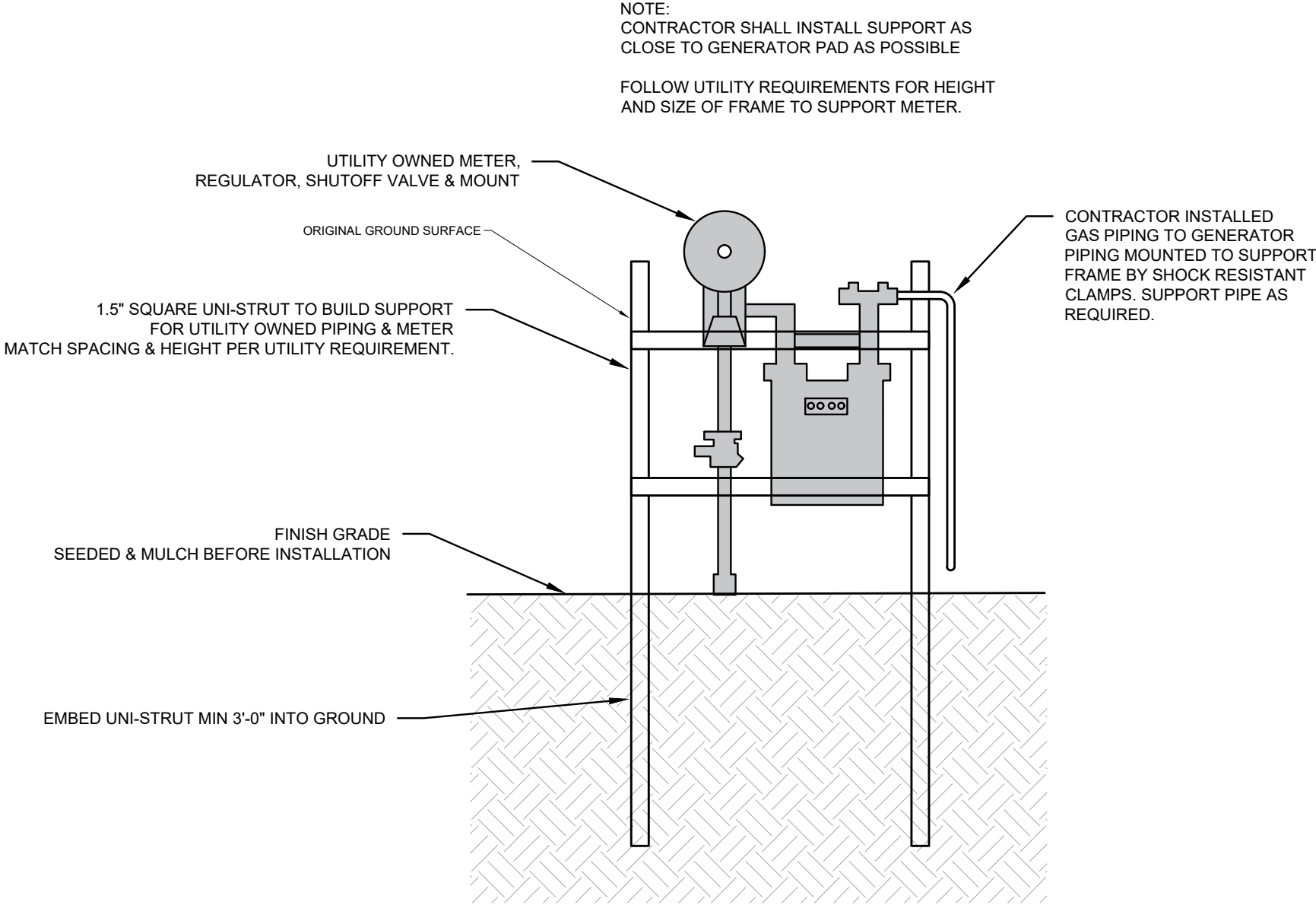
- 1 - MCB MAIN CIRCUIT BREAKER
- 2 - CCB CONTROL BREAKER
- 3 - DRB RECEPTACLE BREAKER
- 4 - MB1 MOTOR BREAKER 1
- 5 - MB2 MOTOR BREAKER 2
- 6 - SC2000 CONTROLLER
- 7 - PL1 BACKUP HIGH LEVEL LIGHT
- 8 - PL2 OVERTEMP 1 LIGHT
- 9 - PL3 MOISTURE 1 LIGHT
- 10 - PL5 MOISTURE 2 LIGHT
- 11 - PL4 OVERTEMP 2 LIGHT
- 12 - RL1 PUMP 1 RUN LIGHT
- 13 - RL2 PUMP 2 RUN LIGHT
- 14 - ETM ELAPSED TIME METERS
- 15 - HOA HAND-OFF-AUTO SELECTOR SWITCHES
- 16 - PAM PUMP ALTERNATOR SELECTOR SWITCH
- 17 - DR GFI DUPLEX RECEPTACLE
- 18 - AH ALARM HORN
- 19 - ASB ALARM SILENCE BUTTON
- 20 - UPS UNINTERRUPTIBLE POWER SUPPLY
- 21 - PMR1-1 RESET
- 22 - PMR1-2 RESET
- 23 - LPM LIGHT PANEL BREAKER
- 24 - CB1-5 CIRCUIT BREAKERS



LAYOUT MAY VARY

- 1 - MCB MAIN CIRCUIT BREAKER
- 2 - SPD1 SURGE ARRESTOR
- 3 - CCB CONTROL BREAKER
- 4 - DRB RECEPTACLE BREAKER
- 5 - MB1 MOTOR BREAKER 1
- 6 - MB2 MOTOR BREAKER 2
- 7 - MS1 MOTOR STARTER 1
- 8 - MS2 MOTOR STARTER 2
- 9 - N NEUTRAL
- 10 - G GROUND
- 11 - FL FLASHER
- 12 - TS TERMINAL STRIP
- 13 - RADIO
- 14 - PS1 POWER SUPPLY 1
- 15 - PM PHASE MONITOR
- 16 - FUSE HOLDERS
- 17 - PS2 POWER SUPPLY 2
- 18 - SPD2 SURGE ARRESTOR
- 19 - PMR1-1 PUMP MONITOR RELAY 1
- 20 - PMR1-2 PUMP MONITOR RELAY 2
- 21 - R RELAYS
- 22 - TD TIME DELAY
- 23 - ALT AUTO ALTERNATOR
- 24 - TH THERMOSTAT
- 25 - ISB INTRINSICALLY SAFE BARRIER
- 26 - ISR INTRINSICALLY SAFE RELAYS
- 27 - HT HEATER
- 28 - RECEPTACLE FOR UPS
- 29 - LPM LIGHT PANEL BREAKER
- 30 - CB1-5 CIRCUIT BREAKERS

File: F:\PROJECT FILES\2023\2023-020 VILLAGE OF KRONENWETTER\F\T02.LS&4.LS\UPGRADE\CD\2023-020 (F) DETAILS.DWG - Sheet Name: 2, ANSI FULL BLEED 8 (11.00 X 17.00 INCHES), Date: 7/24/2024 7:21 PM, By: Wayne Cager



**GAS SERVICE @ GENERATOR SITE**

WISCONSIN'S ONE-CALL CENTER 811 OR (800) 242-8511  
Per Wisconsin Statute 182.0175, contact Digger's Hotline for  
a utility locate a minimum of three business days prior to  
beginning excavation

Section 5, Item C.



**GAS SERVICE DETAIL**

LIFT STATION #8 UPGRADE

TAX INCREMENTAL FINANCE DISTRICT #2

VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
90% SET 07/24/24

PROJECT NO: 2023-020 (F)

DATE: 10/01/23

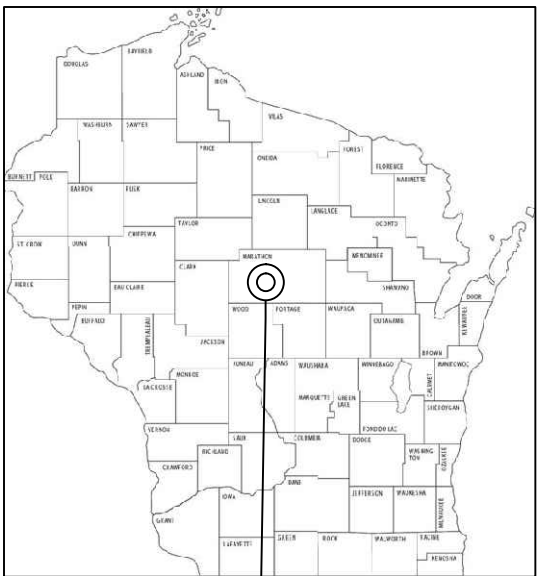
DESIGNED BY: RJR

DRAWN BY: WAC

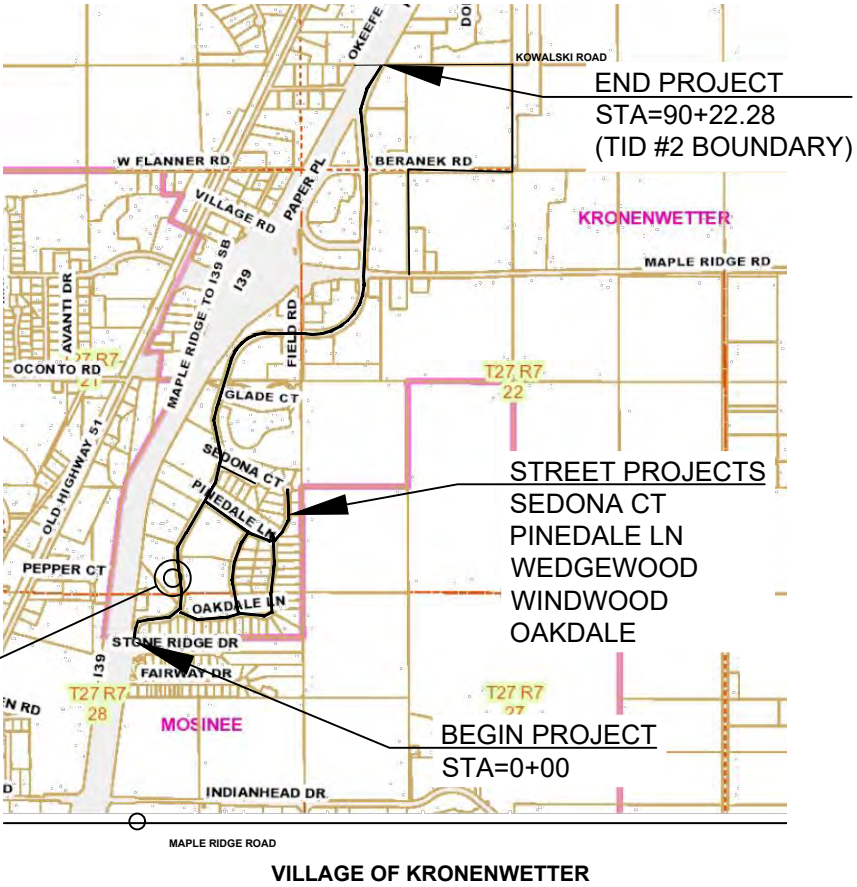
SHEET: 35

# KRONENWETTER DRIVE SOUTH CORPORATE BOUNDARY TO TID #2 BOUNDARY

VILLAGE OF KRONENWETTER, WISCONSIN



PROJECT LOCATION



## ORDER OF SHEETS

|             |   |                              |
|-------------|---|------------------------------|
| Section No. | 1 | Title                        |
| Section No. | 2 | Typical Sections and Borings |
| Section No. | 3 |                              |
| Section No. | 4 | Plans                        |
| Section No. | 5 | Plan & Profile               |
| Section No. | 6 |                              |
| Section No. | 7 |                              |
| Section No. | 8 |                              |
| Section No. | 9 |                              |

TOTAL SHEETS = 39 SHEETS

**OWNER:**  
VILLAGE OF KRONENWETTER  
MARATHON COUNTY, WISCONSIN  
1582 KRONENWETTER DR  
KRONENWETTER, WISCONSIN,  
54465  
(715)693-4200 EXT. 1731  
CHRIS VOLL, VILLAGE PRESIDENT  
cvoll@kronenwetter.org

**OPERATOR:**  
MARK MACKEY  
VILLAGE OF KRONENWETTER  
1582 KRONENWETTER DRIVE  
KRONENWETTER, WISCONSIN 54465  
(715)574-3868  
mmackey@kronenwetter.org

**ENGINEER / DESIGNER:**  
ROTH PROFESSIONAL SOLUTIONS  
ROBERT J. ROTH, PE  
315 DEWITT, ST.  
PORTAGE, WI 53901  
(608)571-3205  
robert@rpsprofessionalsolutions.com

**PUBLIC WORKS CREW LEADER:**  
BRAD JACOBSON  
VILLAGE OF KRONENWETTER  
1582 KRONENWETTER DRIVE  
KRONENWETTER, WISCONSIN 54465  
(715)574-3868  
bjacobson@kronenwetter.org

**ELECTRIC & GAS:**  
WISCONSIN PUBLIC SERVICE (WPS)  
P.O. BOX 19001  
GREENBAY WI. 54307-9001  
(800)242-9772  
newserviceinstallation@wisconsinpublicservice.com

**CABLE/TELEPHONE:**  
SPECTRUM BUSINESS  
SPECTRUM OF WISCONSIN

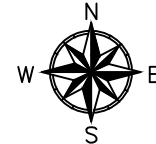
**APPLICABLE CODES:**  
ZONING ORDINANCE, CHAPTER 485  
WDNR EROSION CONTROL=NR 216  
WDNR SANITARY SEWERS=NR110  
WDNR WATER = NR811  
VILLAGE WATER & SEWER, CHAPTER 508  
VILLAGE STREETS, CHAPTER 454  
EROSION CONTROL, CHAPTER 270  
NEC 2017  
ELECTRICAL SPS=316  
INTERNATIONAL FUEL GAS CODE= IFGC2015

Section 5, Item C.



**TITLE SHEET**  
KRONENWETTER DRIVE SOUTH  
CORPORATE BOUNDARY TO TID #2 BOUNDARY  
VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN

PRELIMINARY  
NOT FOR CONSTRUCTION  
50% SET 07/31/24



SCALE: 1" = 100 FEET  
(PRINTED AT 11"x17")

PROJECT NO: 2024-020 (C)

DATE: 12/15/23

DESIGNED BY: RJR

DRAWN BY: WAC

SHEET: 36



STANDARD ABBREVIATIONS

|             |                                |              |                                  |             |                          |
|-------------|--------------------------------|--------------|----------------------------------|-------------|--------------------------|
| ABUT.       | Abutment                       | JT           | Joint                            | SEC         | Section                  |
| AC          | Acre                           | JCT          | Junction                         | SHLDR       | Shoulder                 |
| AGG.        | Aggregate                      | LHF          | Left-Hand Forward                | SHR         | SHRINKAGE                |
| AH          | Ahead                          | L            | Length of Curve                  | SW          | Sidewalk                 |
| <           | Angle                          | LIN FT OR LF | Linear Foot                      | S           | South                    |
| ASPH        | Asphaltic                      | LC           | Long Chord of Curve              | SQ          | Square                   |
| AVG.        | Average                        | MH           | Manhole                          | SF OR SQ FT | Square Feet              |
| A.D.T       | Average Daily Traffic          | MB           | Mailbox                          | SY or SQ YD | Square Yard              |
| BAD         | Base Aggregate Dense           | ML OR M/L    | Match Line                       | STD         | Standard                 |
| BK          | Back                           | N            | North                            | SDD         | Standard Detail Drawings |
| BF          | Back Face                      | Y            | North Grid Coordinate            | STH         | State Trunk Highway      |
| B.M.        | Bench Mark                     | OD           | Outside Diameter                 | STA         | Station                  |
| BR.         | Bridge                         | PLE          | Permanent Limited Easement       | SS          | Storm Sewer              |
| C/L         | Center Line                    | PT           | Point                            | SG          | Subgrade                 |
| CC          | Center to Center               | PC           | Point of Curvature               | SE          | Superelevation           |
| CTH         | County Trunk Highway           | PI           | Point of Intersection            | SL or S/L   | Survey Line              |
| CR.         | Creek                          | PRC          | Point of Reverse Curvature       | SV          | Septic Vent              |
| CY or CU YD | Cubic Yard                     | PT           | Point of Tangency                | T           | Tangent                  |
| CP          | Culvert Pipe                   | POC          | Point on Curve                   | TEL         | Telephone                |
| C & G       | Curb and Gutter                | PVC          | Polyvinyl Chloride               | TEMP        | Temporary                |
| D           | Degree of Curve                | PCC          | Portland Cement Concrete         | TI          | Temporary Interest       |
| DHV         | Design Hour Volume             | LB           | Pound                            | t           | Ton                      |
| DIA         | Diameter                       | PSI          | Pounds Per Square Inch           | T or TN     | Town                     |
| E           | East                           | PE           | Private Entrance                 | TRANS       | Transition               |
| X           | East Grid Coordinate           | R            | Radius                           | TL OR T/L   | Transit Line             |
| ELEC        | Electric                       | RR           | Railroad                         | T           | Trucks (percent of)      |
| EL OR ELEV  | Elevation                      | RL OR R/L    | Reference Line                   | TYP         | Typical                  |
| ESALS       | Equivalent Single Ac=xle Loads | RP           | Reference Point                  | UNCL        | Unclassified             |
| EBS         | Excavation Below Subgrade      | RCCP         | Reinforced Concrete Culvert Pipe | UG          | Underground Cable        |
| FF          | Face to Face                   | REQD         | Required                         | USH         | United States Highway    |
| FE          | Field Entrance                 | RES          | Residence or Residential         | VAR         | Variable                 |
| F           | Fill                           | RW           | Retaining Wall                   | V           | Velocity or Design Speed |
| FG          | Finished Grade                 | RT           | Right                            | VERT        | Vertical                 |
| FL or F/L   | Flow Line                      | RHF          | Right-Hand Forward               | VC          | Vertical Curve           |
| FT          | Foot                           | R/W          | Right-of-Way                     | VOL         | Volume                   |
| FTG         | Footing                        | R            | River                            | WM          | Water Main               |
| GN          | Grid North                     | RD           | Road                             | WV          | Water Valve              |
| HT          | Height                         | RDWY         | Roadway                          | W           | West                     |
| CWT         | Hundredweight                  | SALV         | Salvaged                         | WB          | Westbound                |
| HYD         | Hydrant                        | SAN S        | Sanitary Sewer                   | YD          | Yard                     |
| INL         | Inlet                          | ID           | Inside Diameter                  | INV         | Invert                   |
| IP          | Iron Pipe or Pin               | IRS          | Iron Rod Set                     |             |                          |

2

2

INDIAN HILLS-KRONENWETTER DRIVE-SOUTH

| B-1                              |                                                                                                                                          | B-2                                |                                                                                                                                              | B-3                                |                                                                                   | B-4                                 |                                                                                                                  | B-13                               |                                                                                       | B-14                               |                                                                                                                  | B-15                               |               | B-16                             |                                                                           | B-17                               |                                                                                                                   | B-18                              |                                                                                                         | B-19                              |                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------|----------------------------------|---------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------|
| STA=3+63.6, 6.9 RT<br>EL=1195.56 |                                                                                                                                          | STA=11+33.25, 13.4LT<br>EL=1190.19 |                                                                                                                                              | STA=17+34.73, 10.6RT<br>EL=1179.98 |                                                                                   | STA=23+34.23, 13.6 LT<br>EL=1175.99 |                                                                                                                  | STA=27+71.11, 10.5RT<br>EL=1184.22 |                                                                                       | STA=33+01.10, 11.4LT<br>EL=1177.11 |                                                                                                                  | STA=41+27.50, 12.4RT<br>EL=1165.96 |               | STA=47+29.38, 11LT<br>EL=1161.51 |                                                                           | STA=56+92.01, 12.2RT<br>EL=1164.25 |                                                                                                                   | STA=68+07.79, 7.9LT<br>EL=1163.31 |                                                                                                         | STA=79+75.57, 9.4RT<br>EL=1166.10 |                                                                                                          |
| DEPTH                            | VISUAL NOTES                                                                                                                             | DEPTH                              | VISUAL NOTES                                                                                                                                 | DEPTH                              | VISUAL NOTES                                                                      | DEPTH                               | VISUAL NOTES                                                                                                     | DEPTH                              | VISUAL NOTES                                                                          | DEPTH                              | VISUAL NOTES                                                                                                     | DEPTH                              | VISUAL NOTES  | DEPTH                            | VISUAL NOTES                                                              | DEPTH                              | VISUAL NOTES                                                                                                      | DEPTH                             | VISUAL NOTES                                                                                            | DEPTH                             | VISUAL NOTES                                                                                             |
| 0                                | 3.5"± ASPHALT                                                                                                                            | 0                                  | 3"± ASPHALT                                                                                                                                  | 0                                  | 3"± ASPHALT                                                                       | 0                                   | 4"± ASPHALT                                                                                                      | 0                                  | 4"± ASPHALT                                                                           | 0                                  | 3.5"± ASPHALT                                                                                                    | 0                                  | 4.5"± ASPHALT | 0                                | 4.5"± ASPHALT                                                             | 0                                  | 4.5"± ASPHALT                                                                                                     | 0                                 | 4"± ASPHALT                                                                                             | 0                                 | 4"± ASPHALT                                                                                              |
| 1                                | 8"± BASE COURSE                                                                                                                          | 1                                  | 9"± BASE COURSE                                                                                                                              | 1                                  | 9"± BASE COURSE                                                                   | 1                                   | 8"± BASE COURSE                                                                                                  | 1                                  | 8"± BASE COURSE                                                                       | 1                                  | 8"± BASE COURSE                                                                                                  | 1                                  |               | 1                                | 20"± BASE COURSE                                                          | 1                                  | 7.5"± BASE COURSE                                                                                                 | 1                                 | 8"± BASE COURSE                                                                                         | 1                                 | 8"± BASE COURSE                                                                                          |
| 2                                | LOOSE TO MEDIUM DENSE,BROWN FINE TO MEDIUM SAND<br>SOME GRAVEL, LITTLE TO SOME SILT, SCATTERED COBBLES/BOULDERS (SP-SM/SM-POSSIBLE FILL) | 2                                  | MEDIUM DENSE TO VERY DENSE, BROWN FINE TO MEDIUM SAND, SOME GRAVEL, LITTLE TO SOME SILT, SCATTERED COBBLES/BOULDERS (SP-SM/SM-POSSIBLE FILL) | 2                                  | MEDIUM DENSE, BROWN SILTY FINE SAND, SOME GRAVEL, SCATTERED COBBLES/BOULDERS (SM) | 2                                   | MEDIUM DENSE, BROWN FINE TO MEDIUM SAND, SOME GRAVEL, LITTLE TO SOME SILT, SCATTERED COBBLES/BOULDERS (SP-SM/SM) | 2                                  | MEDIUM DENSE, BROWN FINE TO MEDIUM SAND, SOME GRAVEL, LITTLE TO SOME SILT, (SP-SM/SM) | 2                                  | MEDIUM DENSE, BROWN FINE TO MEDIUM SAND, SOME GRAVEL, LITTLE TO SOME SILT, SCATTERED COBBLES/BOULDERS (SP-SM/SM) | 2                                  |               | 2                                | MEDIUM DENSE DARK BROWN FINE TO MEDIUM SAND SOME SILT TRACE ORGANICS (SM) | 2                                  | MEDIUM DENSE, BROWN FINE TO MEDIUM SAND, SOME GRAVEL, TRACE TO LITTLE SILT, SCATTERED COBBLES/BOULDERS (SP/SP-SM) | 2                                 | MEDIUM DENSE,BROWN FINE TO MEDIUM SAND, SOME GRAVEL, LITTLE SILT, SCATTERED COBBLES/BOULDERS (SP/SP-SM) | 2                                 | MEDIUM DENSE, BROWN FINE TO MEDIUM SAND, SOME GRAVEL, LITTLE SILT, SCATTERED COBBLES/BOULDERS (SP/SP-SM) |
| 3                                |                                                                                                                                          | 3                                  |                                                                                                                                              | 3                                  |                                                                                   | 3                                   |                                                                                                                  | 3                                  |                                                                                       | 3                                  |                                                                                                                  | 3                                  |               | 3                                |                                                                           | 3                                  |                                                                                                                   | 3                                 |                                                                                                         | 3                                 |                                                                                                          |
| 4                                |                                                                                                                                          | 4                                  |                                                                                                                                              | 4                                  |                                                                                   | 4                                   |                                                                                                                  | 4                                  |                                                                                       | 4                                  |                                                                                                                  | 4                                  |               | 4                                |                                                                           | 4                                  |                                                                                                                   | 4                                 |                                                                                                         | 4                                 |                                                                                                          |
| 5                                | END AT 5 FT.                                                                                                                             | 5                                  | END AT 5 FT.                                                                                                                                 | 5                                  | END AT 5 FT.                                                                      | 5                                   | END AT 5 FT.                                                                                                     | 5                                  | END AT 5 FT.                                                                          | 5                                  | END AT 5 FT.                                                                                                     | 5                                  | END AT 5 FT.  | 5                                | END AT 5 FT.                                                              | 5                                  | END AT 5 FT.                                                                                                      | 5                                 | END AT 5 FT.                                                                                            | 5                                 | END AT 5 FT.                                                                                             |

OAKDALE DRIVE

| B-5                               |                                                                                              | B-6                              |                                                                                    |
|-----------------------------------|----------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------|
| STA=303+67.5,6.29RT<br>EL=1208.54 |                                                                                              | STA=311+42.7,5.8LT<br>EL=1189.80 |                                                                                    |
| DEPTH                             | VISUAL NOTES                                                                                 | DEPTH                            | VISUAL NOTES                                                                       |
| 0                                 | 4"± ASPHALT                                                                                  | 0                                | 4"± ASPHALT                                                                        |
| 1                                 | 8"± BASE COURSE                                                                              | 1                                | 8"± BASE COURSE                                                                    |
| 2                                 | MEDIUM DENSE, GRAY FINE TO MEDIUM SAND, LITTLE SILT, TRACE OF GRAVEL (SP-SM - POSSIBLE FILL) | 2                                | FILL: MEDIUM DENSE, GRAY FINE TO MEDIUM SAND, SOME SILT AND GRAVEL                 |
| 3                                 |                                                                                              | 3                                |                                                                                    |
| 4                                 | VERY DENSE, GRAY FINE TO MEDIUM SAND, SOME SILT AND GRAVEL, SCATTEED COBBLES/BOULDERS (SM)   | 4                                | MEDIUM DENSE, BROWN FINE TO MEDIUM SAND, SOME SILT AND GRAVEL (SM - POSSIBLE FILL) |
| 5                                 | END AT 5 FT.                                                                                 | 5                                | END AT 5 FT.                                                                       |

WEDGEWOOD DRIVE

| B-7                                |                                                                                |
|------------------------------------|--------------------------------------------------------------------------------|
| STA=319+54.54,4.58RT<br>EL=1184.32 |                                                                                |
| DEPTH                              | VISUAL NOTES                                                                   |
| 0                                  | 4"± ASPHALT                                                                    |
| 1                                  | 8"± BASE COURSE                                                                |
| 2                                  | LOOSE TO MEDIUM DENSE, GRAY FINE TO MEDIUM SAND, SOME SILT, LITTLE GRAVEL (SM) |
| 3                                  |                                                                                |
| 4                                  |                                                                                |
| 5                                  | END AT 5 FT.                                                                   |

PINEDALE LANE

| B-8                               |                                                                                                 | B-9                                |                                                                                           | B-12                               |                                                                                |
|-----------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------|
| STA=514+53.00,5.6LT<br>EL=1173.75 |                                                                                                 | STA=508+33.00,4.64RT<br>EL=1184.19 |                                                                                           | STA=503+32.67,5.69LT<br>EL=1182.78 |                                                                                |
| DEPTH                             | VISUAL NOTES                                                                                    | DEPTH                              | VISUAL NOTES                                                                              | DEPTH                              | VISUAL NOTES                                                                   |
| 0                                 | 4"± ASPHALT                                                                                     | 0                                  | 4"± ASPHALT                                                                               | 0                                  | 4"± ASPHALT                                                                    |
| 1                                 | 8"± BASE COURSE                                                                                 | 1                                  | 8"± BASE COURSE                                                                           | 1                                  | 8"± BASE COURSE                                                                |
| 2                                 | LOOSE TO MEDIUM DENSE, GRAY FINE TO MEDIUM SAND, LITTLE SILT AND GRAVEL (SP-SM - POSSIBLE FILL) | 2                                  | MEDIUM DENSE, GRAY FINE TO MEDIUM SAND, LITTLE SILT, TRACE OF GRAVEL (SM - POSSIBLE FILL) | 2                                  | FILL: MEDIUM DENSE, GRAY FINE TO MEDIUM SAND, SOME SILT, TRACE GRAVEL          |
| 3                                 |                                                                                                 | 3                                  |                                                                                           | 3                                  |                                                                                |
| 4                                 | LOOSE, BROWN TO GRAY SANDY SILT, SOME GRAVEL (ML)                                               | 4                                  | MEDIUM DENSE, BROWN FINE SAND, LITTLE TO SOME SILT, TRACE GRAVEL (SP-SM/SM)               | 4                                  | LOOSE TO MEDIUM DENSE, BROWN FINE TO MEDIUM SAND, SOME SILT, TRACE GRAVEL (SM) |
| 5                                 | END AT 5 FT.                                                                                    | 5                                  | END AT 5 FT.                                                                              | 5                                  | END AT 5 FT.                                                                   |

WINDWOOD ROAD

| B-10                          |                                                                                              | B-11                              |                                                                             |
|-------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------|
| STA=408+70.82LT<br>EL=1190.06 |                                                                                              | STA=402+39.9,6.82RT<br>EL=1204.49 |                                                                             |
| DEPTH                         | VISUAL NOTES                                                                                 | DEPTH                             | VISUAL NOTES                                                                |
| 0                             | 4"± ASPHALT                                                                                  | 0                                 | 4"± ASPHALT                                                                 |
| 1                             | 8"± BASE COURSE                                                                              | 1                                 | 8"± BASE COURSE                                                             |
| 2                             | MEDIUM DENSE, GRAY FINE TO MEDIUM SAND, SOME SILT, TRACE TO LITTLE GRAVEL (SM-POSSIBLE FILL) | 2                                 | FILL: MEDIUM DENSE, GRAY FINE TO MEDIUM SAND, SOME SILT, TRACE GRAVEL       |
| 3                             |                                                                                              | 3                                 |                                                                             |
| 4                             |                                                                                              | 4                                 | MEDIUM DENSE, BROWN FINE SAND, LITTLE TO SOME SILT, TRACE GRAVEL (SP-SM/SM) |
| 5                             | END AT 5 FT.                                                                                 | 5                                 | END AT 5 FT.                                                                |

PROJECT NO: 2024-020 (C) SOUTH

HWY: KRONENWETTER DR SOUTH

COUNTY: MARATHON

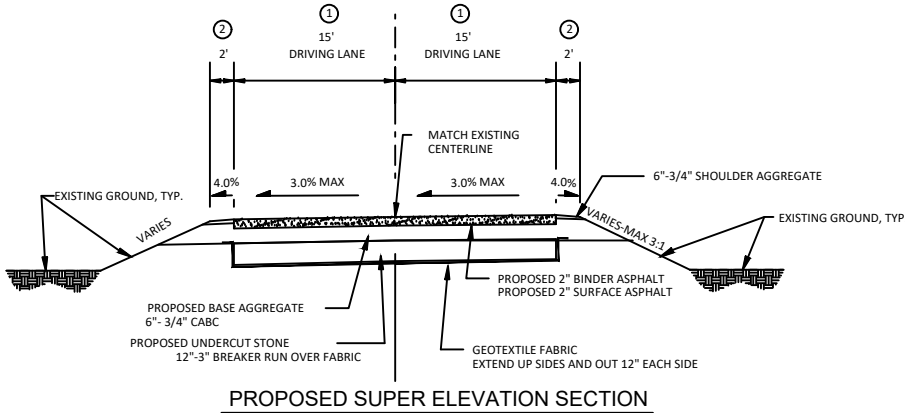
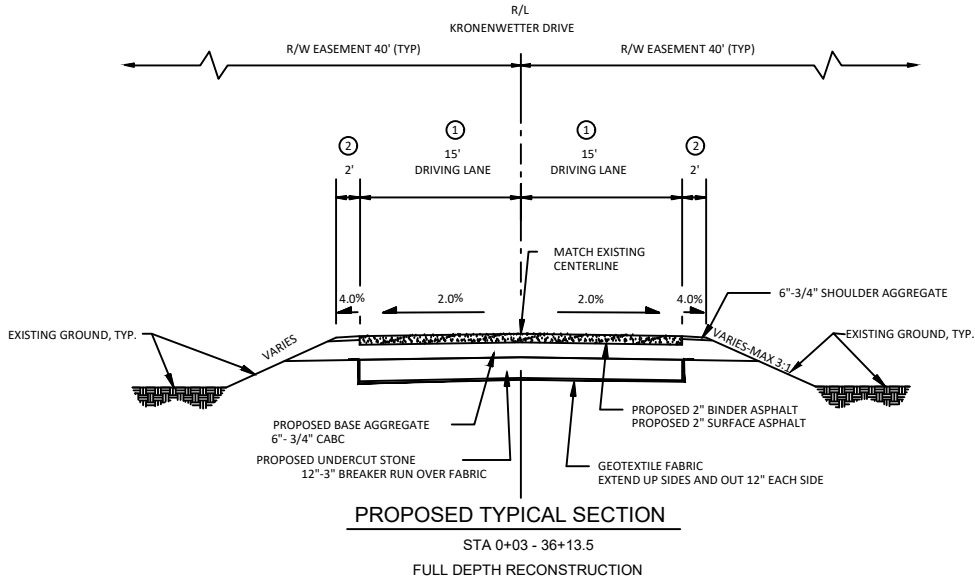
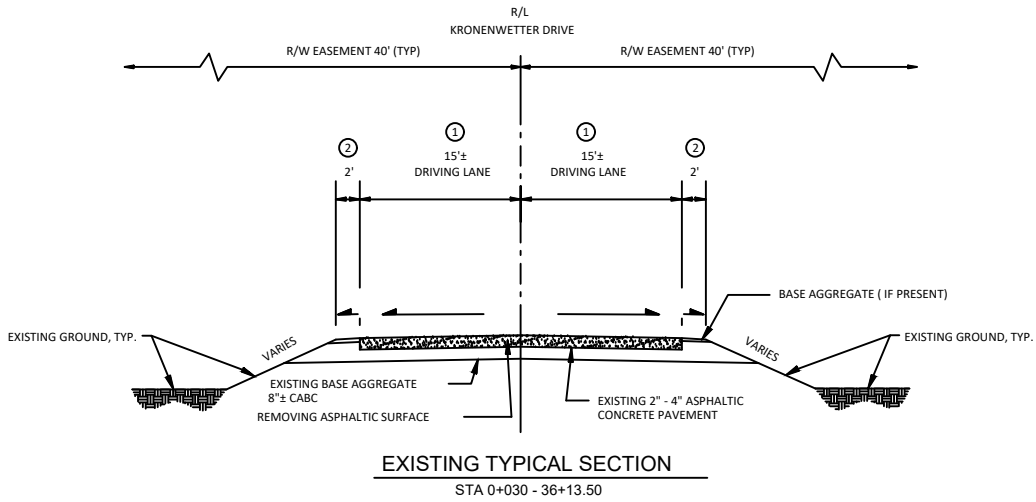
BORING LOGS

SHEET

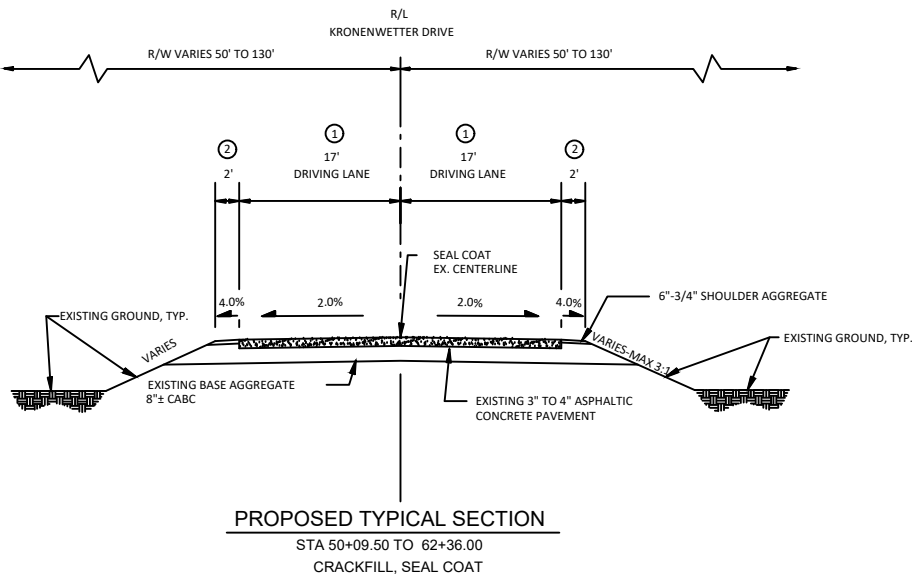
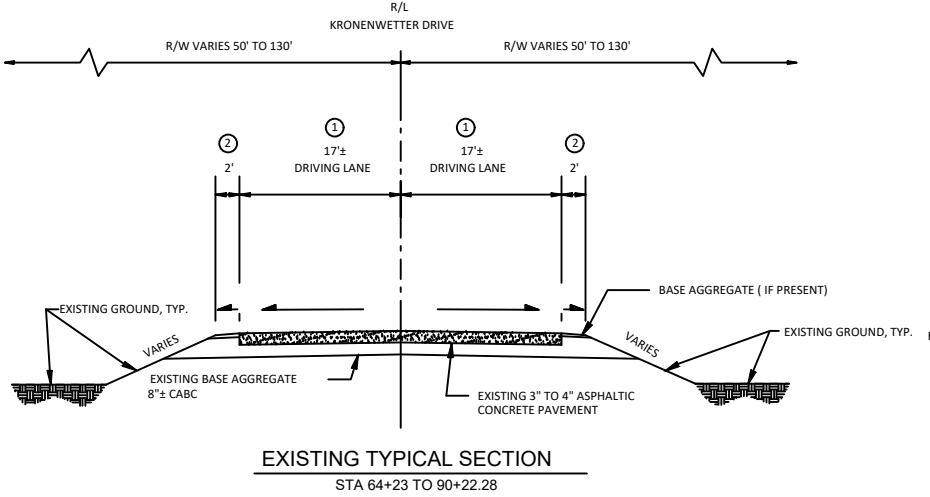
E

2

KRONENWETTER DRIVE (SOUTH)  
CITY LIMITS TO BRIDGE

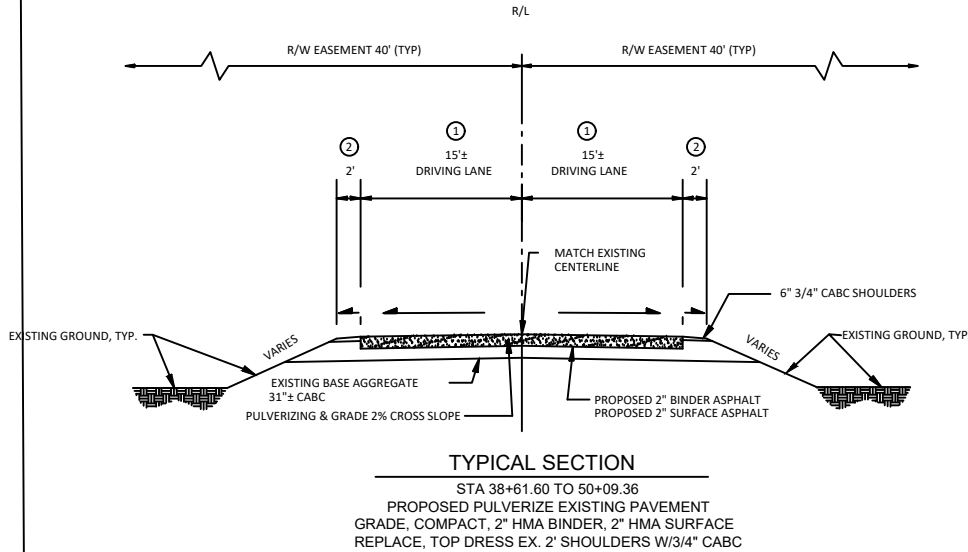


KRONENWETTER DRIVE (SOUTH)  
MAPLE RIDGE TO FIELD ROAD

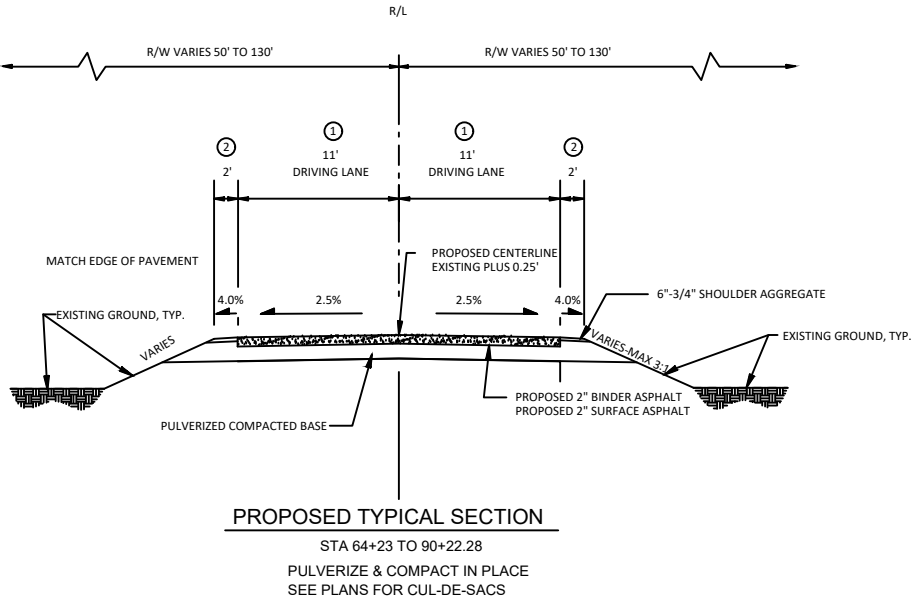
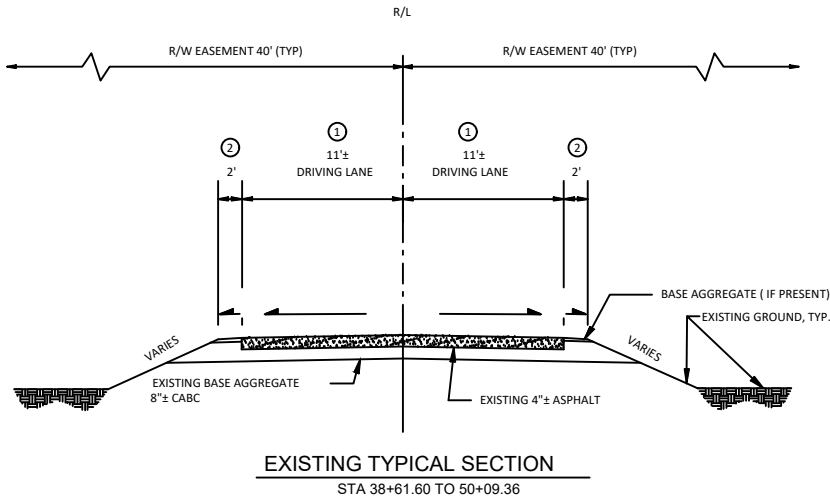


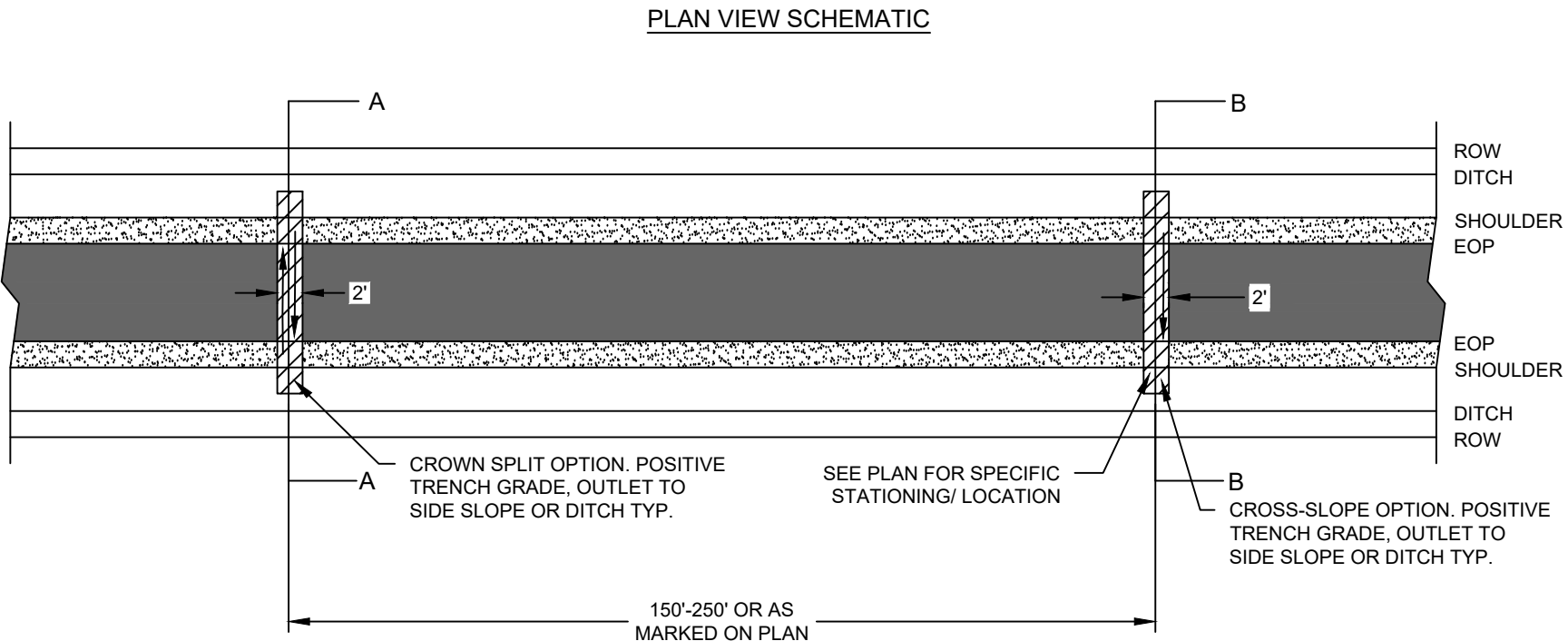
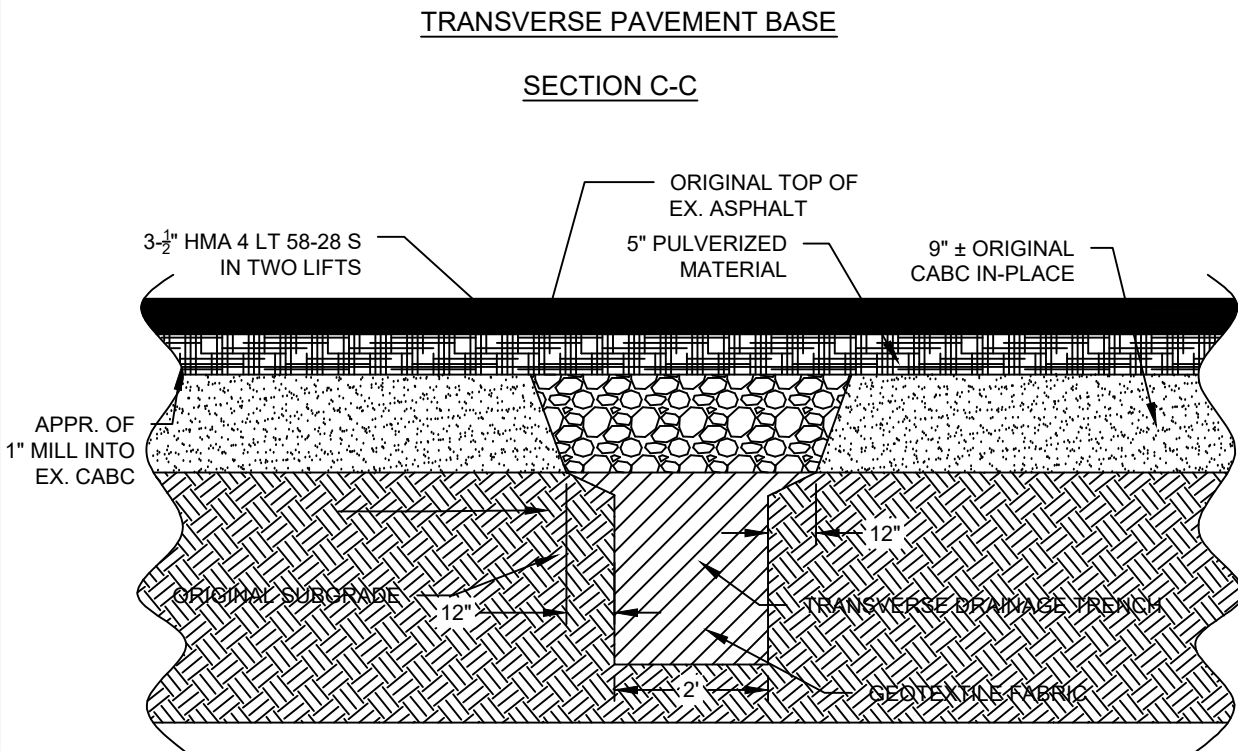
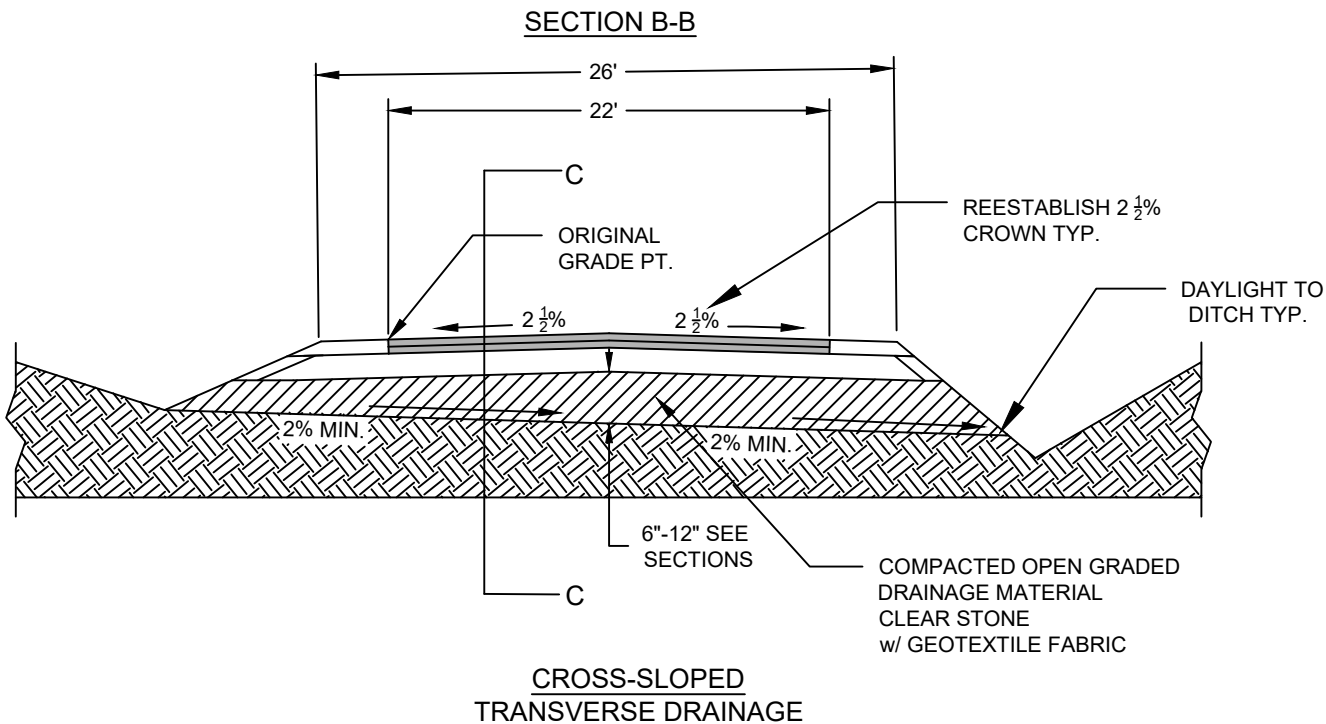
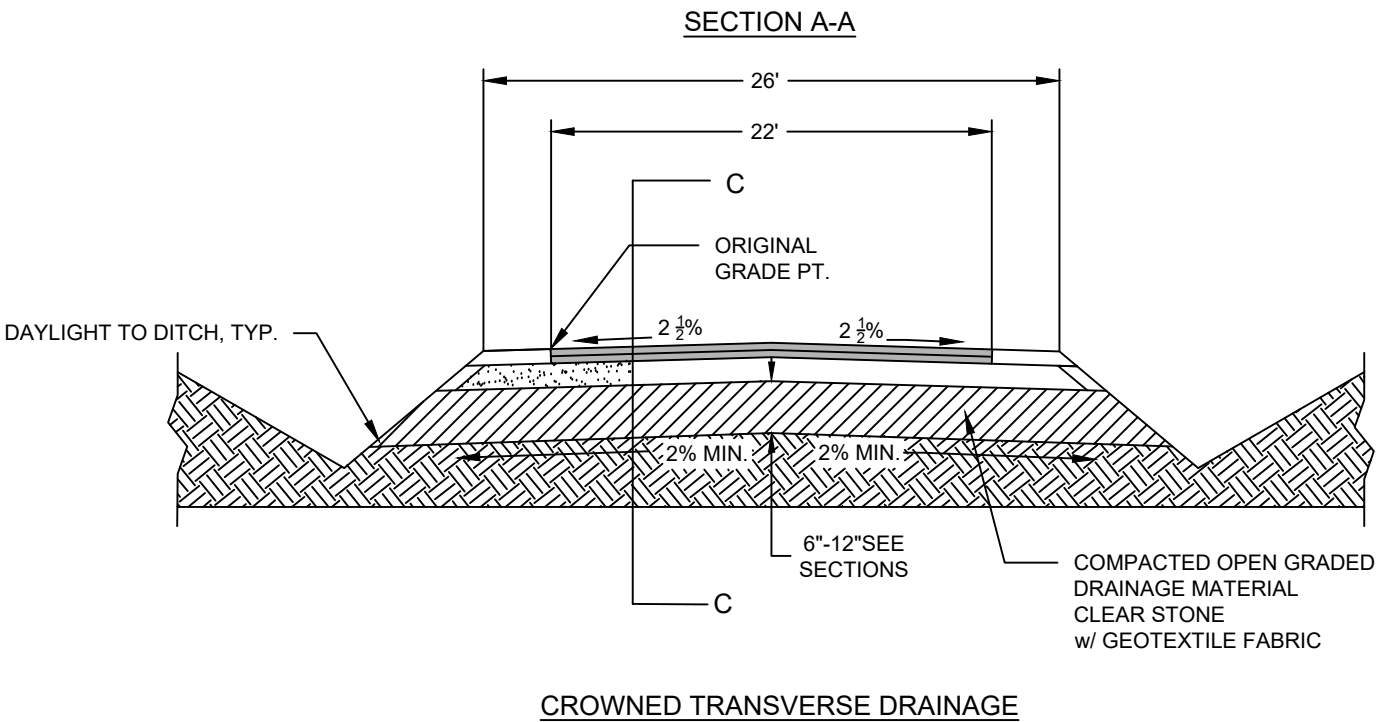
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KRONENWETTER DRIVE(SOUTH)  
BRIDGE TO FIELD ROAD



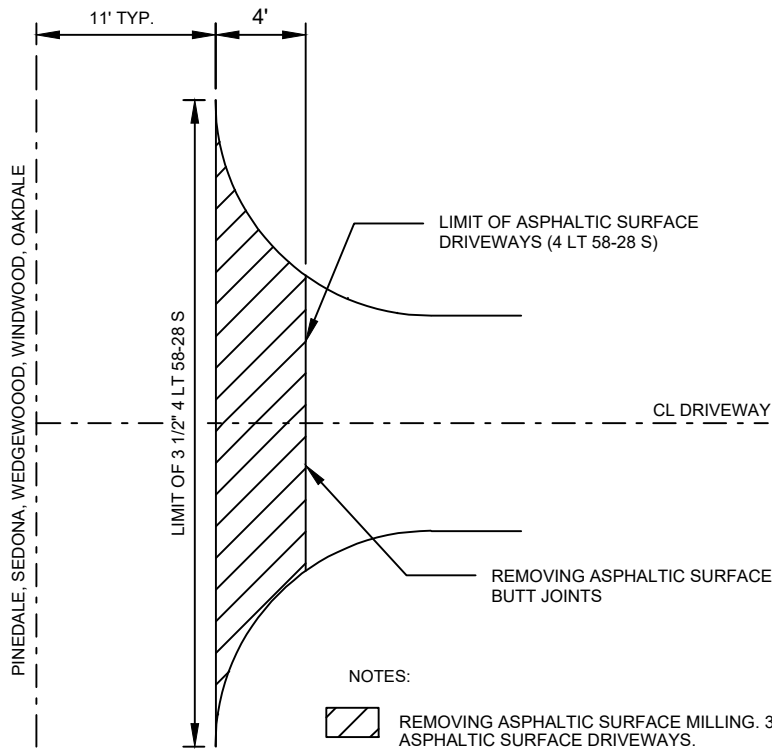
OAKDALE DR, WEDGEWOOD DR., SEDONA COURT, PINEDALE LANE, WINDWOOD RD (SOUTH)





PAVED DRIVEWAYS

PINEDALE, SEDONA, WEDGEWOOD,  
WINDWOOD, OAKDALE



NOTES:

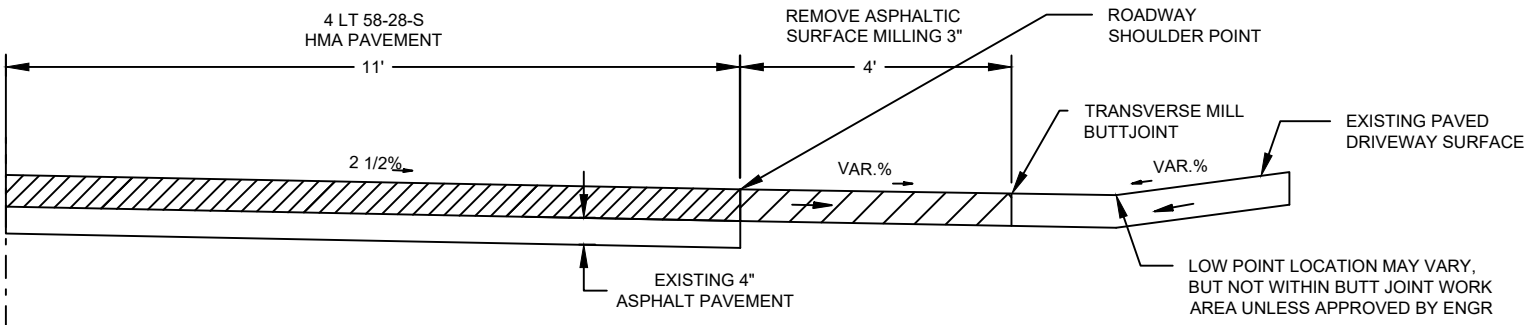


REMOVING ASPHALTIC SURFACE MILLING. 3" LAYER\*.  
ASPHALTIC SURFACE DRIVEWAYS.

MATCH EXISTING PAVED SURFACE RADII AND TAPERS.

PAVED DRIVEWAY SECTION

PINEDALE, SEDONA, WEDGEWOOD,  
WINDWOOD, OAKDALE



NOTES:



MILL AND OVERLAY 4" HMA PAVEMENT 4 LT 58-28 S (ROADWAY)



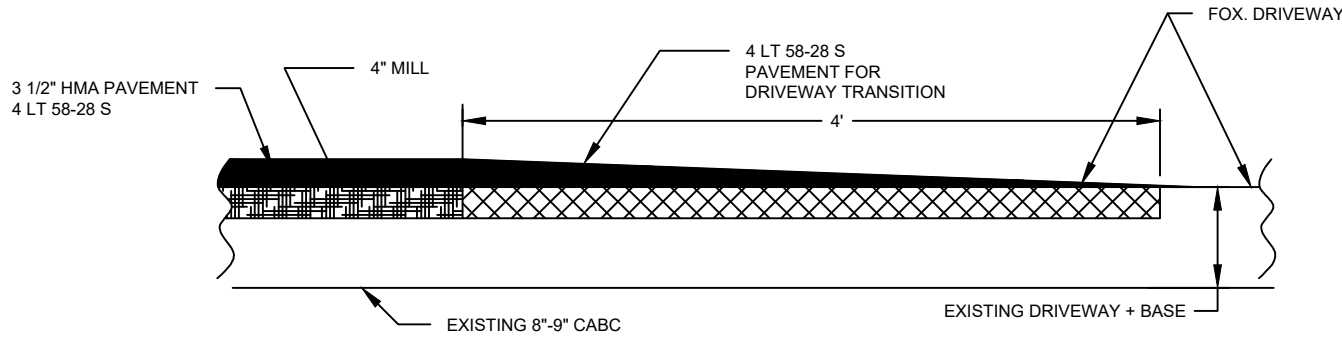
MILL BUTT JOINT WITH NEW 3" HMA PAVEMENT 4 LT 58-28 S (DRIVEWAY TRANSITION)



EXISTING 4" PAVEMENT SUBSURFACE (TO REMAIN)

NOTIFY ENGINEER IF DRIVEWAY  
IS ABOVE SHOULDER POINT

TRANSVERSE BUTT JOINT



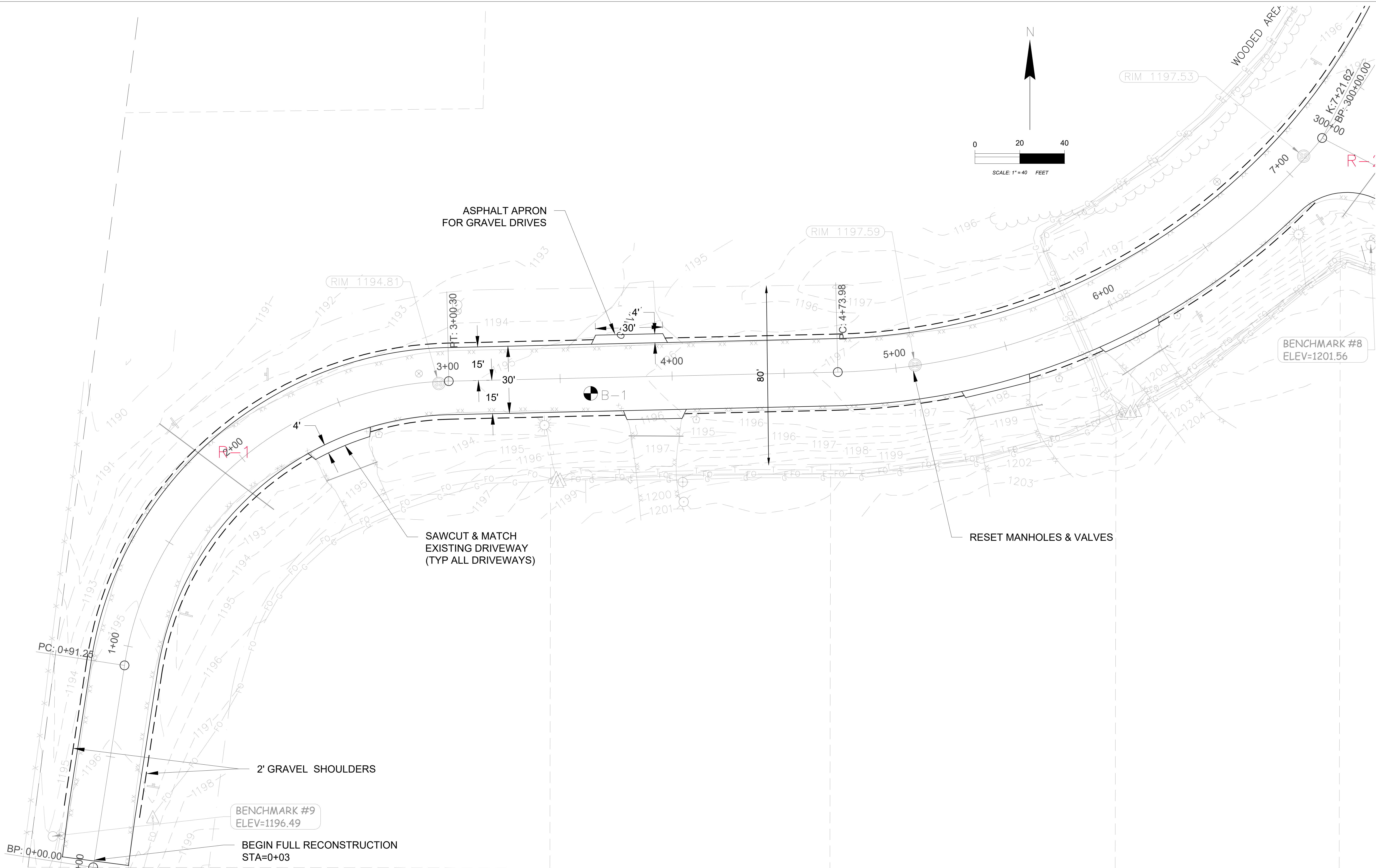
NOTES:



REMOVING ASPHALT SURFACE BUTT JOINTS, PINEDALE,  
SEDONA, WEDGEWOOD, WINDWOOD + OAKDALE

5

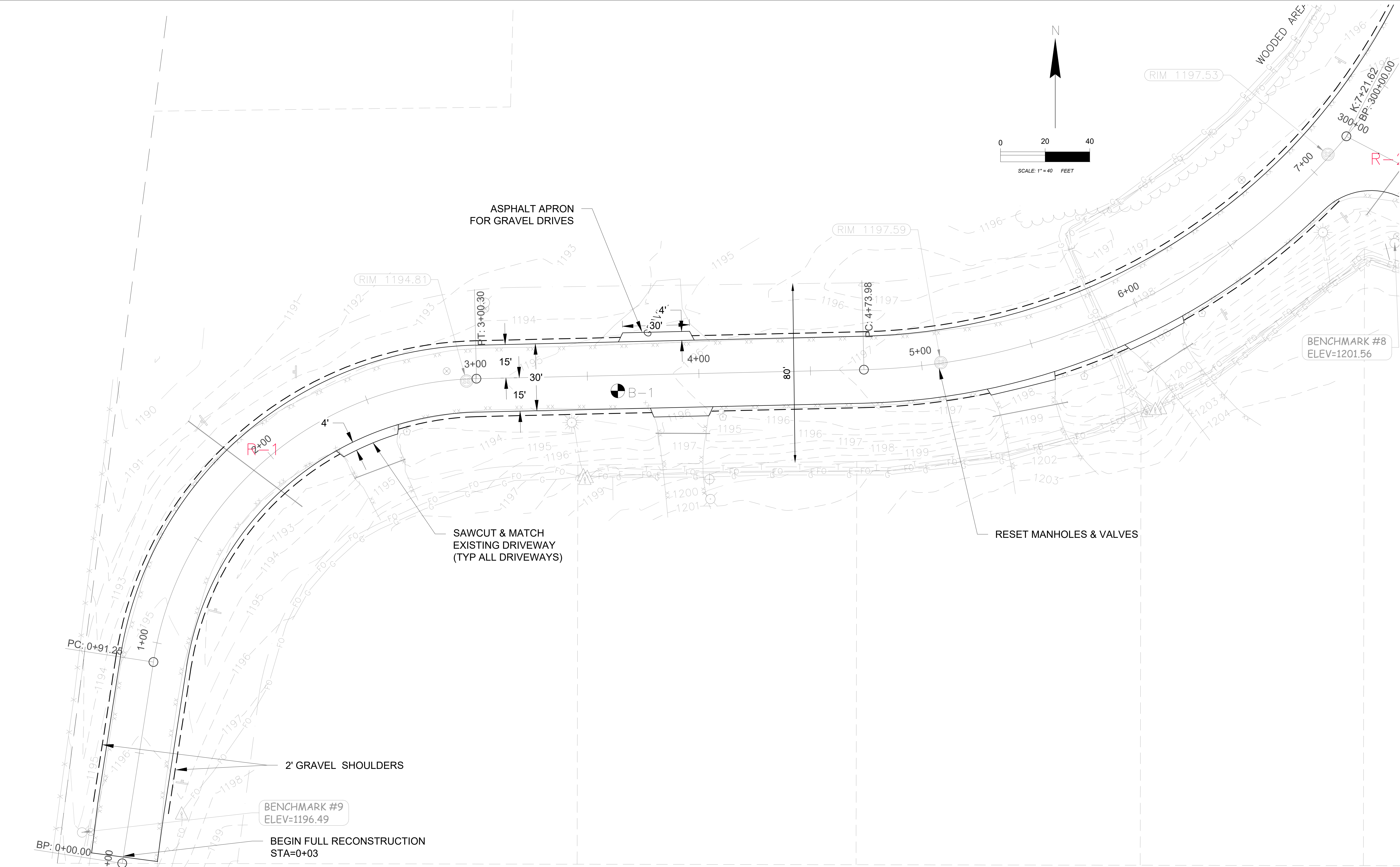
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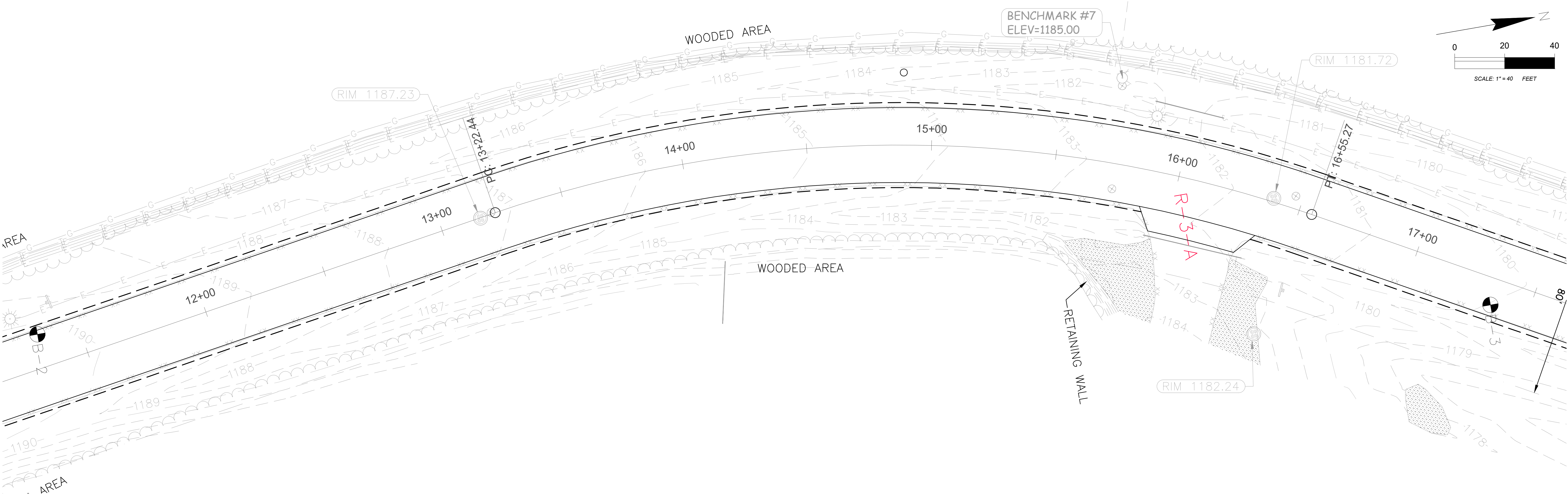
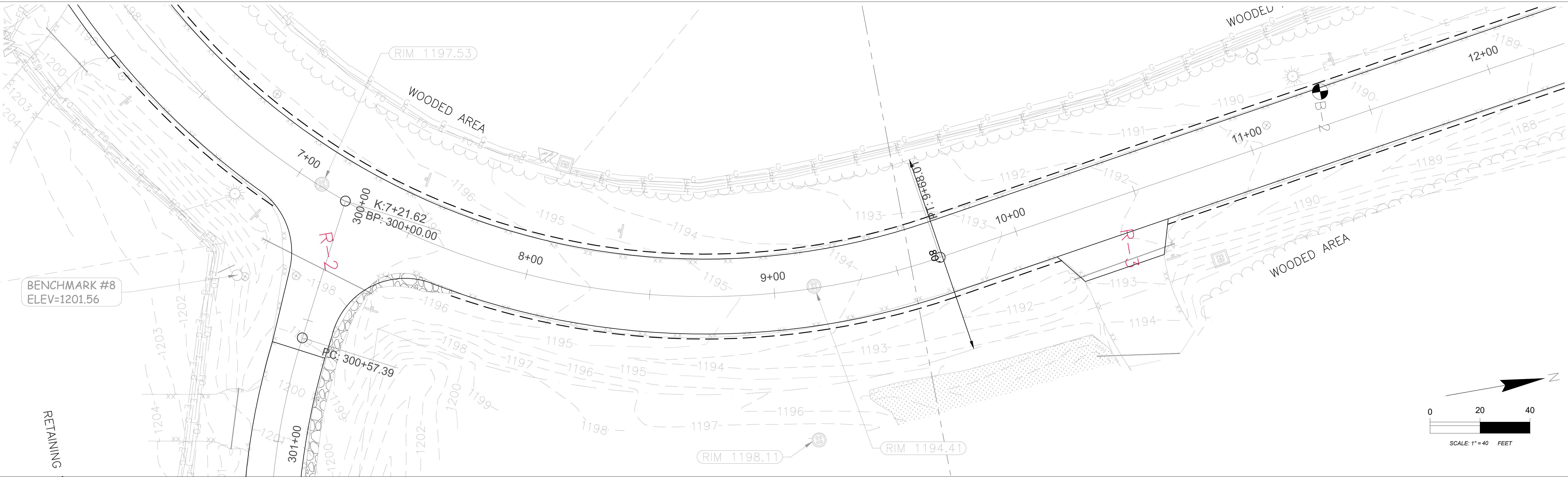


|                                                                                                                                 |  |                              |                  |                        |                      |                       |
|---------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|------------------|------------------------|----------------------|-----------------------|
| PROJECT NO: 2024-020 (C) SOUTH                                                                                                  |  | HWY: KRONENWETTER DRIVE      | COUNTY: MARATHON | PLAN                   | SHEET                | E                     |
| FILE NAME : F:\1 PROJECT FILES 2024\2024-020 (C) PHASE A-SOUTH-(D) PHASE B-NORTH ROADS\ (C) PHASE A-SOUTH\020-C-SOUTH ROADS.DWG |  | PLOT DATE : 7/2/2024 2:14 PM |                  | PLOT BY : WAYNE CASPER | PLOT NAME : PLAN 2.0 | PLOT SCALE : 1" = 40' |
| LAYOUT NAME - PLAN 2.0                                                                                                          |  | WISDOT/CADDs SHEET 44        |                  |                        |                      |                       |

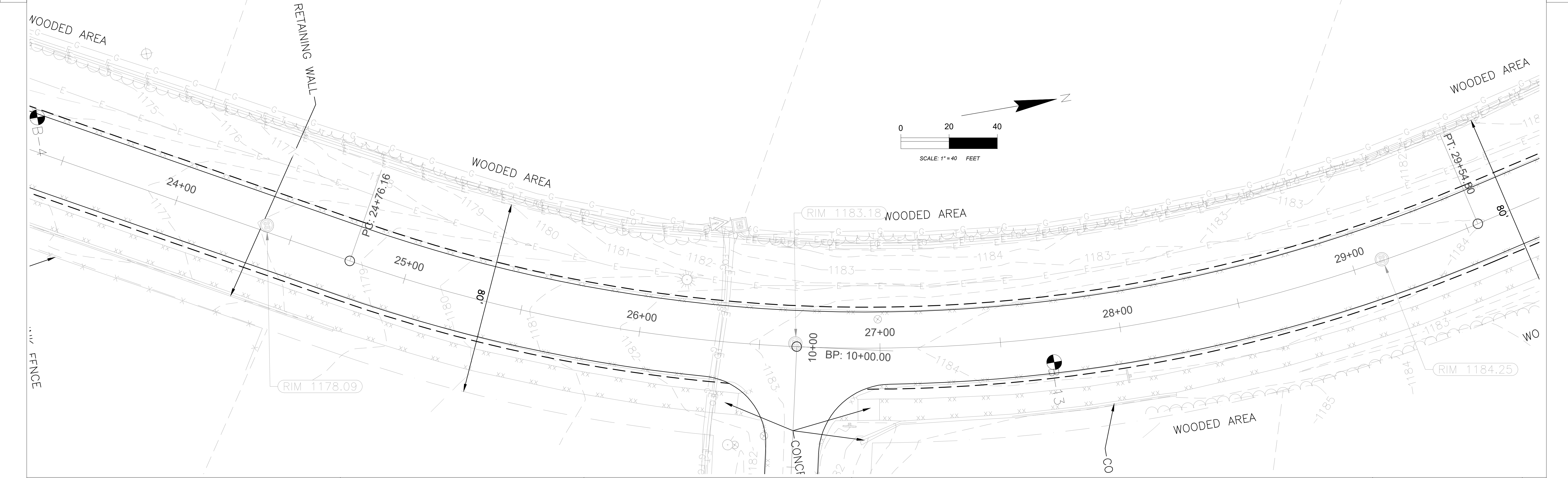
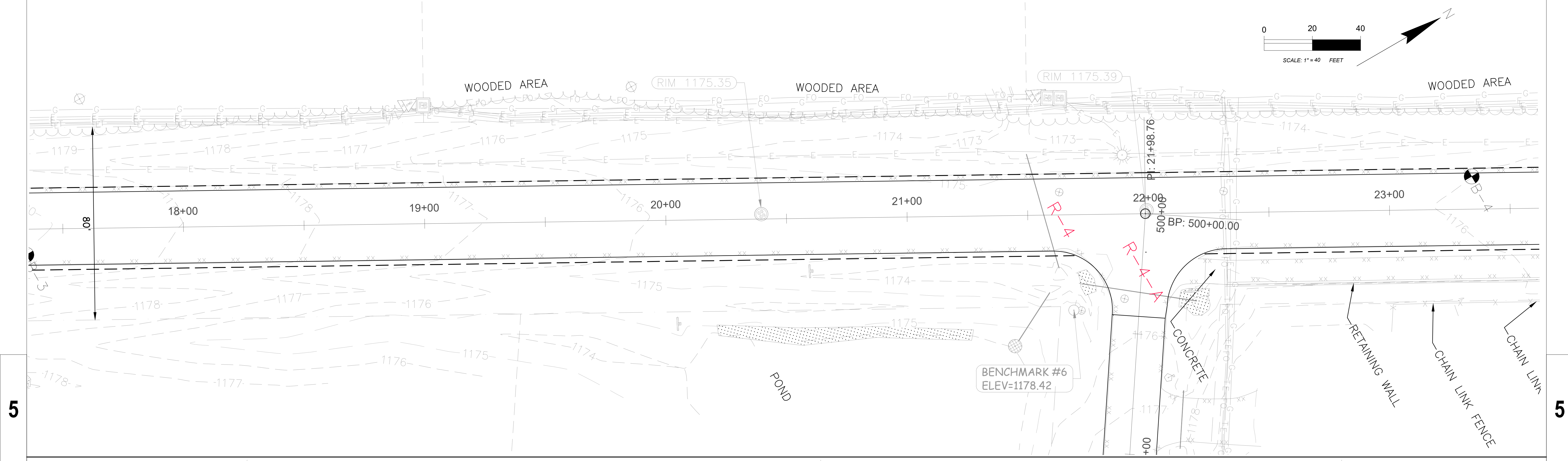
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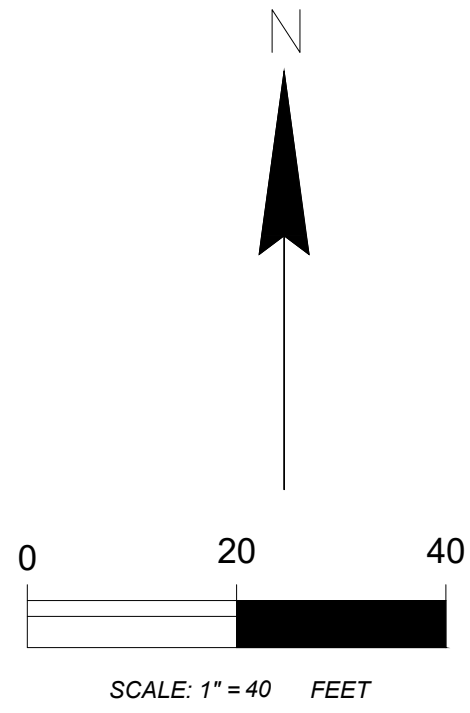
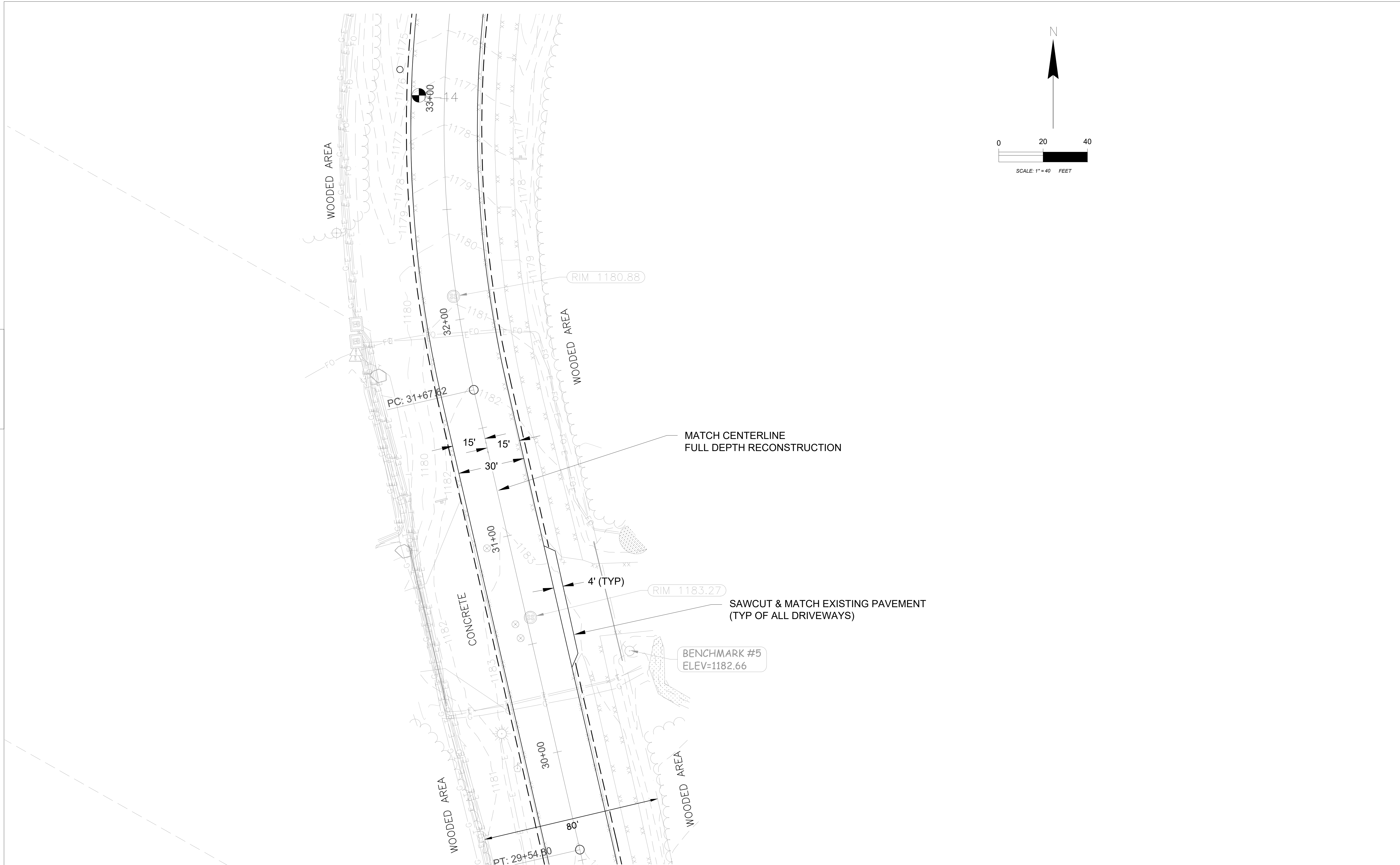


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|-------------|--------------------|------|--------------------|---------|----------|------|--|-------|---|
| PROJECT NO: | 2024-020-(C) SOUTH | HWY: | KRONENWETTER DRIVE | COUNTY: | MARATHON | PLAN |  | SHEET | E |
|-------------|--------------------|------|--------------------|---------|----------|------|--|-------|---|

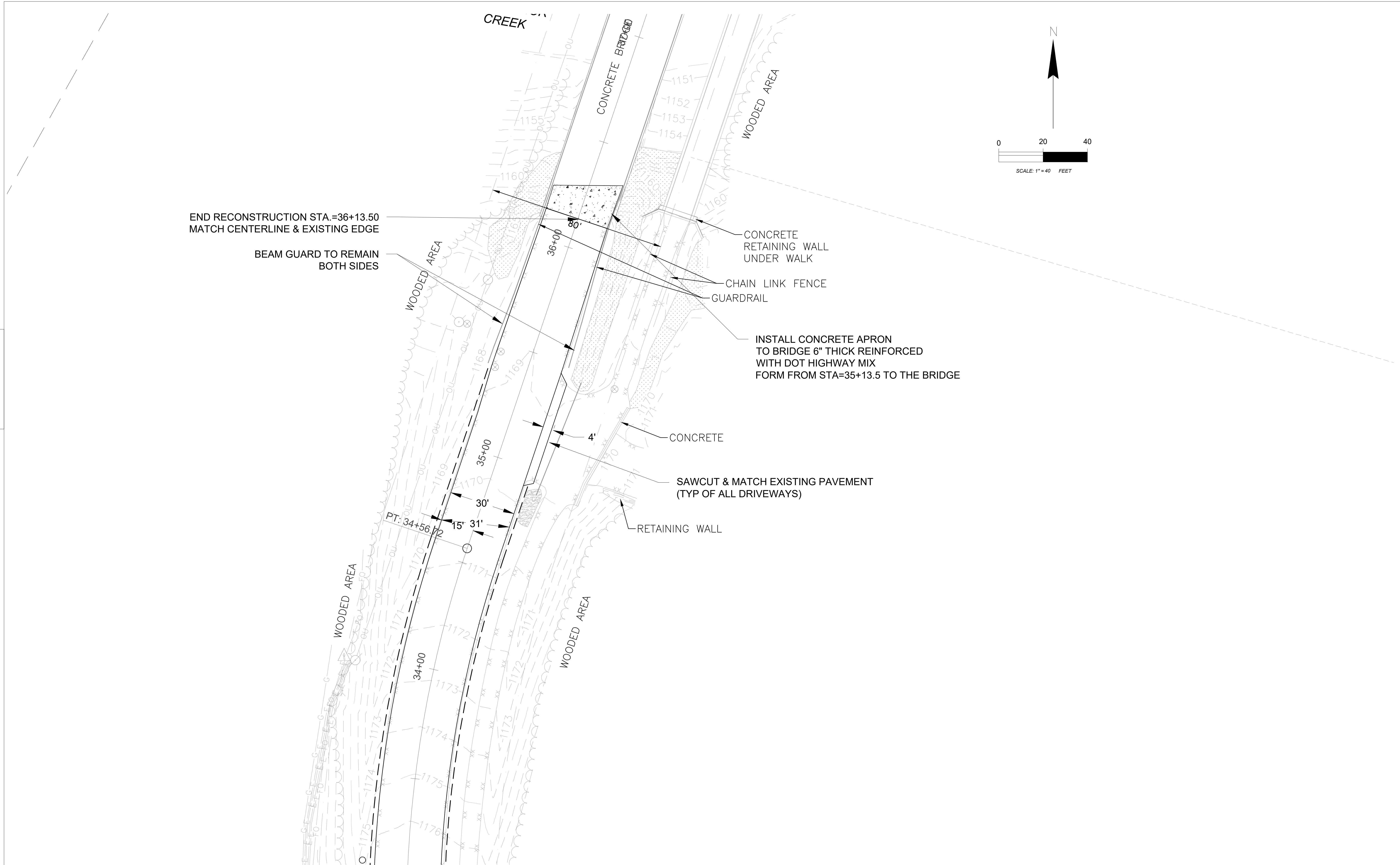


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|-------------|--------------------|-------------------------|------------------|------|-------|---|
| PROJECT NO: | 2024-020-(C) SOUTH | HWY: KRONENWETTER DRIVE | COUNTY: MARATHON | PLAN | SHEET | E |
|-------------|--------------------|-------------------------|------------------|------|-------|---|

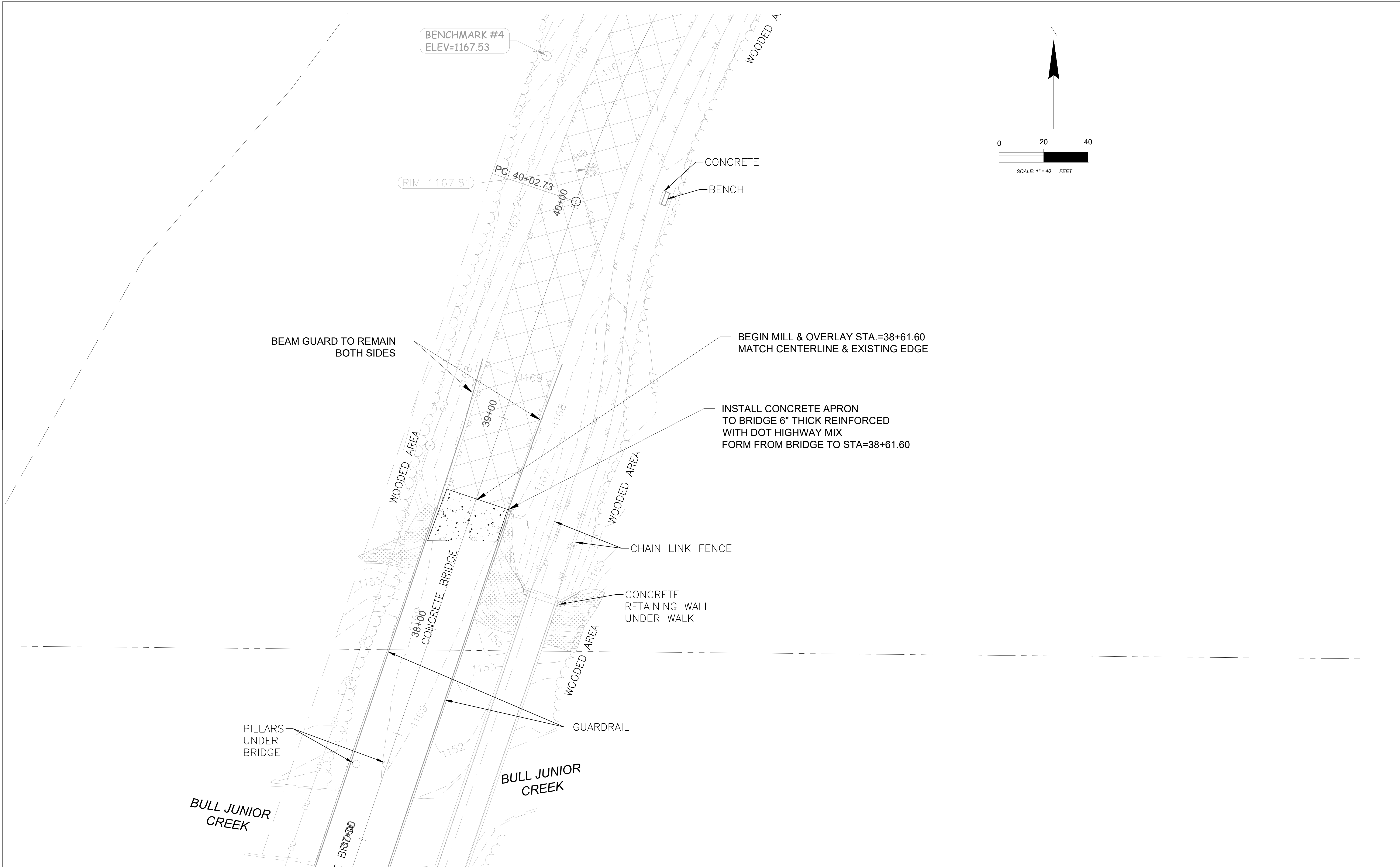
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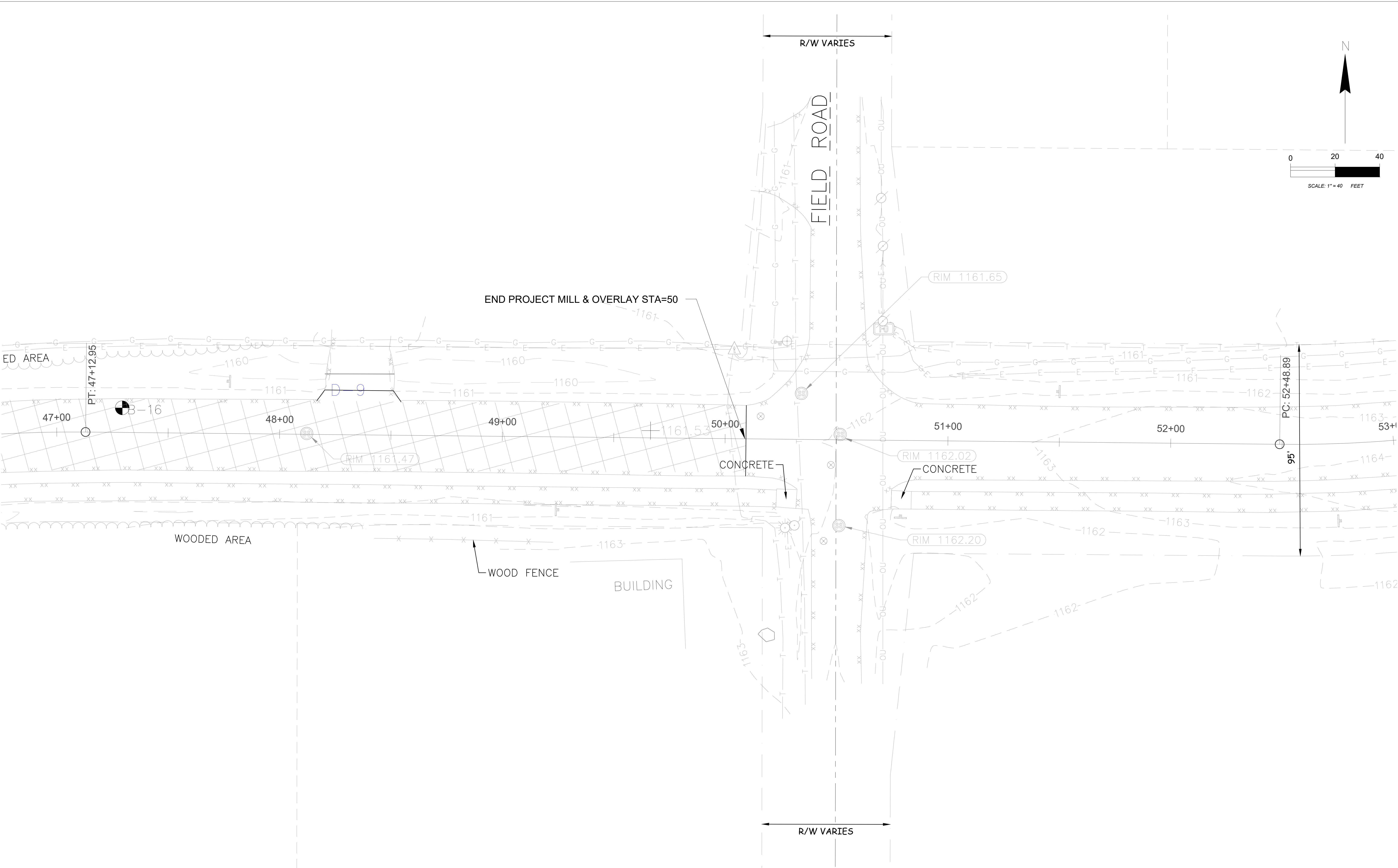
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| PROJECT NO: | 2024-020 (C) SOUTH | HWY: KRONENWETTER DRIVE | COUNTY: MARATHON | PLAN | SHEET | E |
|-------------|--------------------|-------------------------|------------------|------|-------|---|



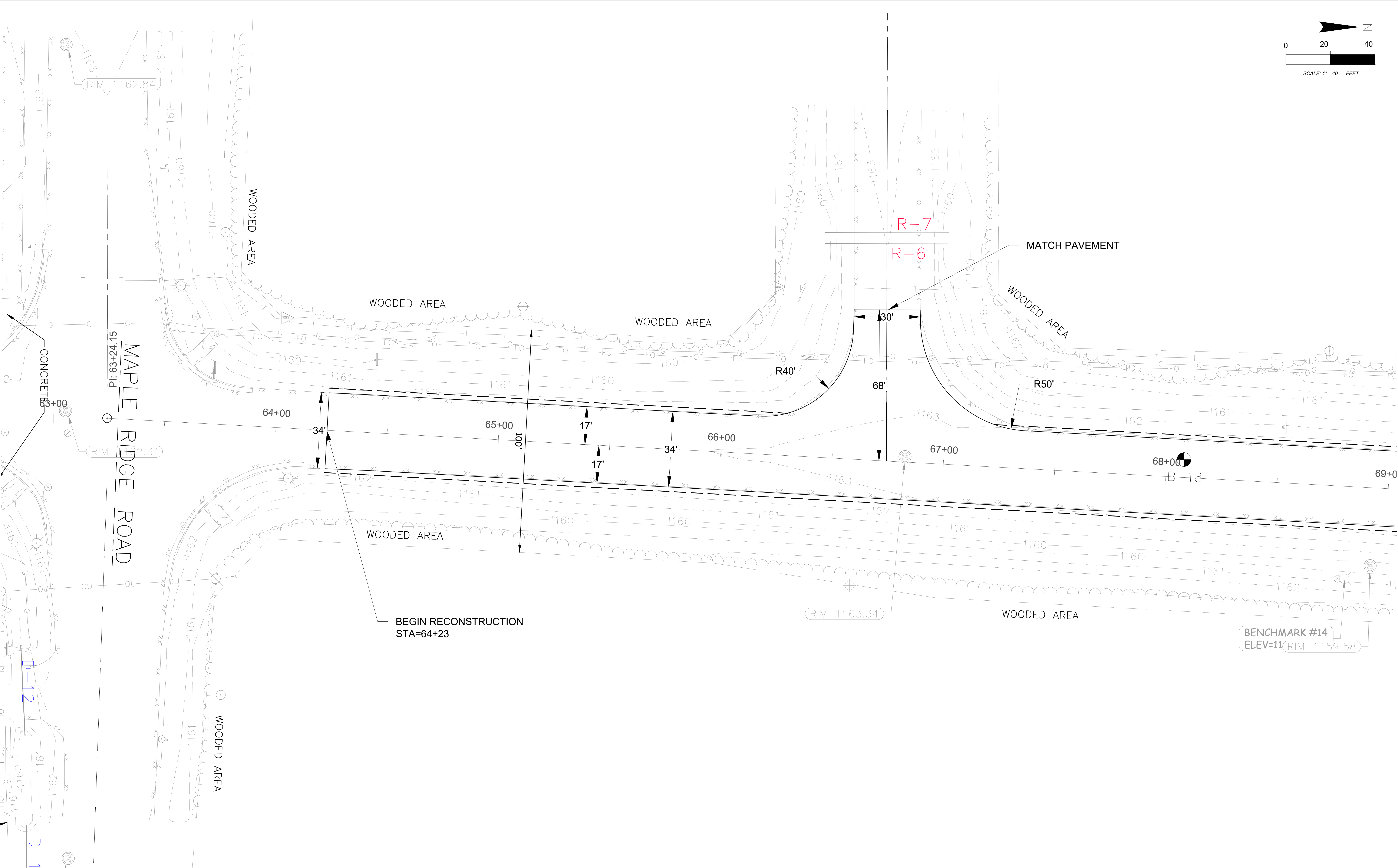
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| PROJECT NO: | 2024-020 (C) SOUTH | HWY: | KRONENWETTER DRIVE | COUNTY: | MARATHON | PLAN |  | SHEET | E |
|-------------|--------------------|------|--------------------|---------|----------|------|--|-------|---|



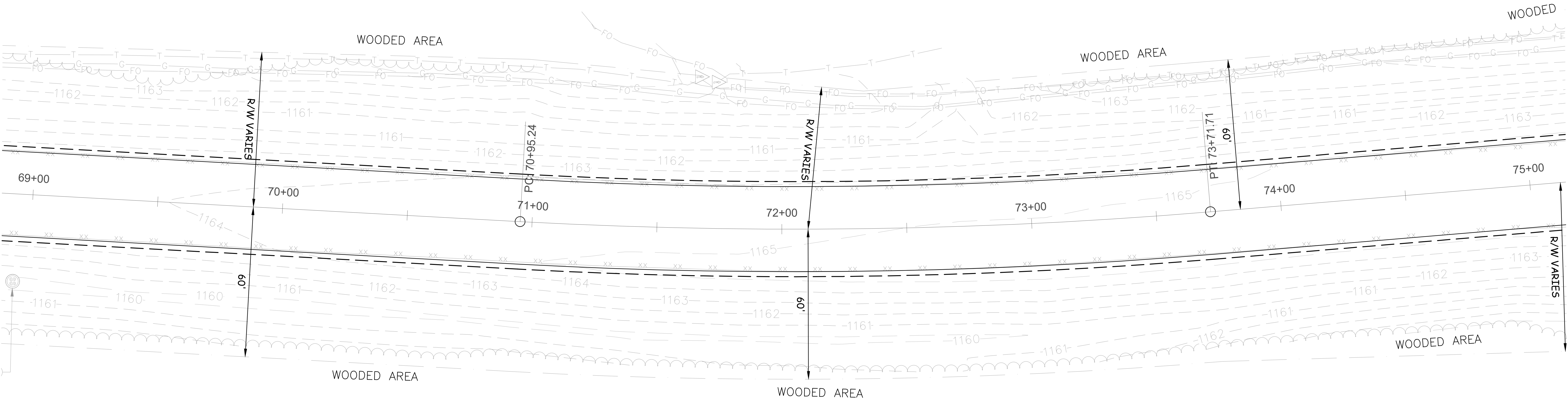
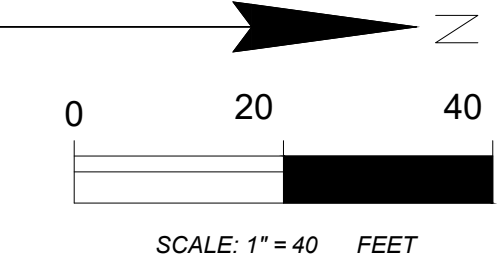
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| PROJECT NO: | 2024-020 (C) SOUTH | HWY: KRONENWETTER DRIVE | COUNTY: MARATHON | PLAN | SHEET | E |
|-------------|--------------------|-------------------------|------------------|------|-------|---|

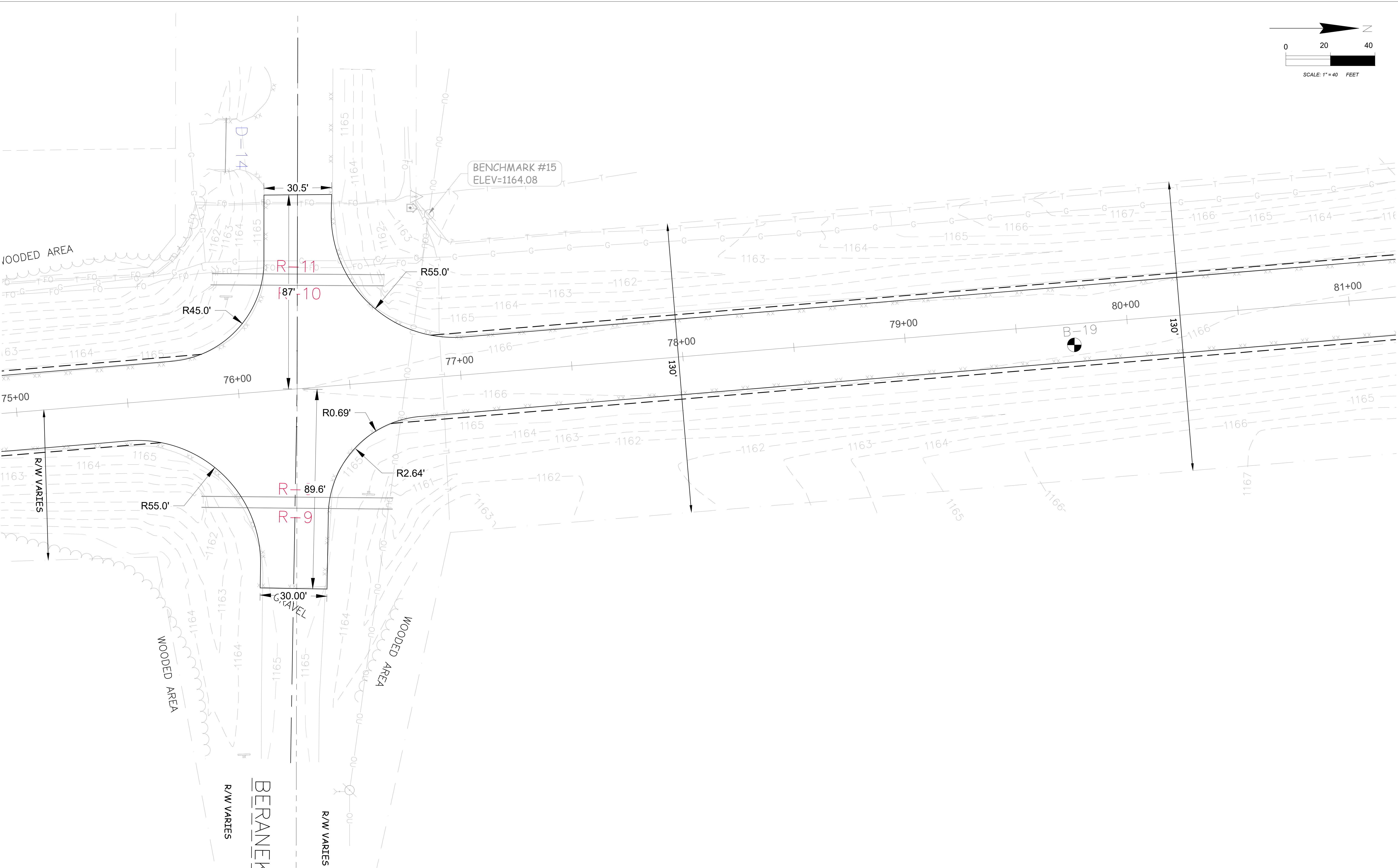
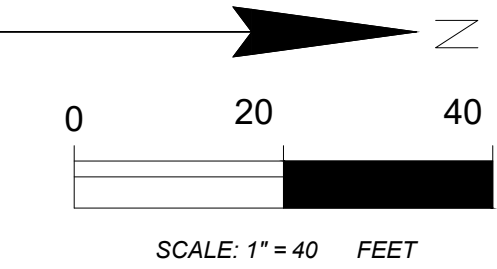


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| PROJECT NO: | 2024-020 (C) SOUTH | HWY: | KRONENWETTER DRIVE | COUNTY: | MARATHON | PLAN | SHEET | E |
|-------------|--------------------|------|--------------------|---------|----------|------|-------|---|

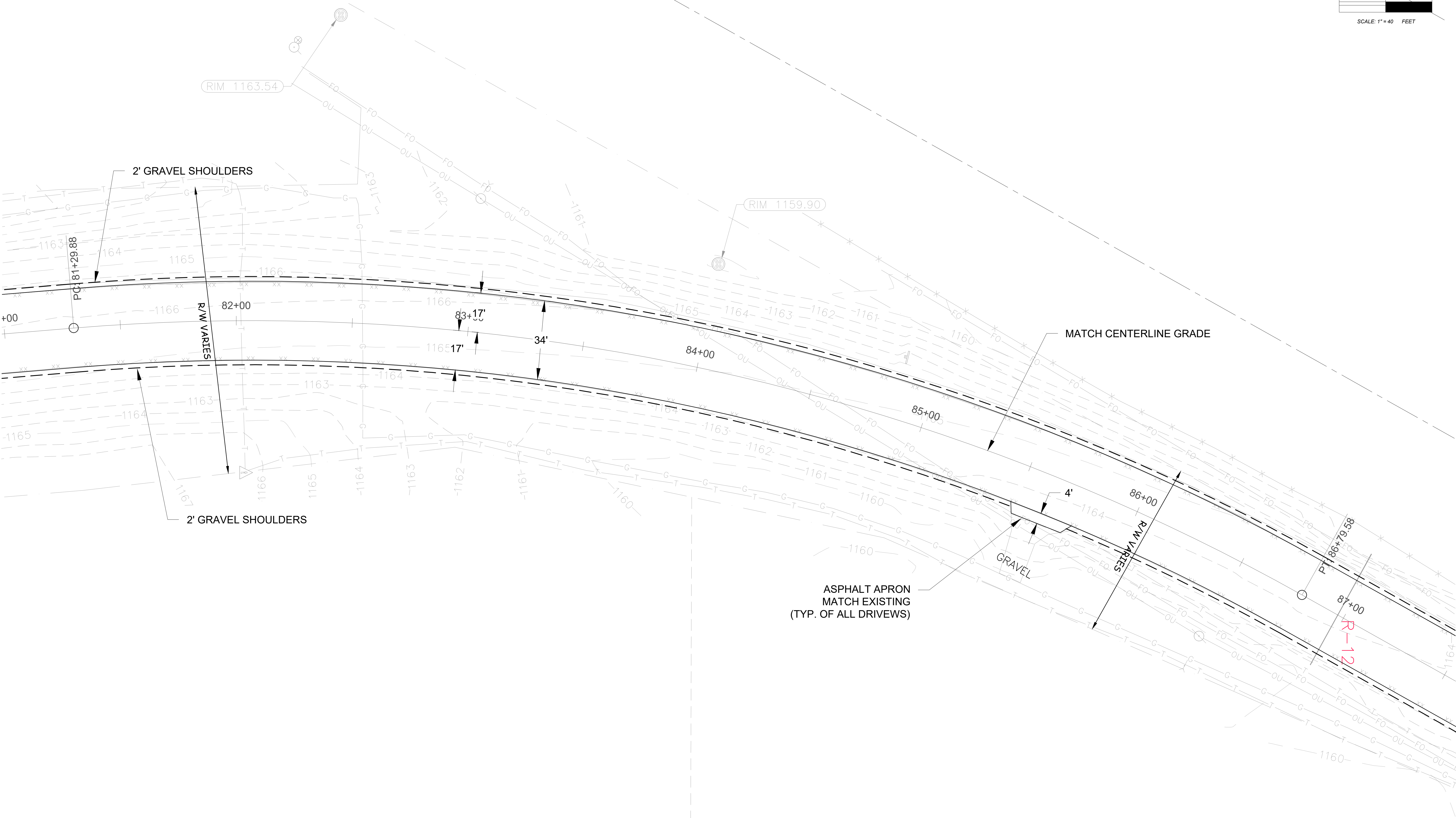
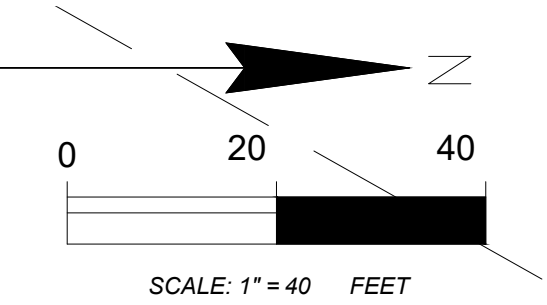


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| PROJECT NO: | 2024-020 (C) SOUTH | HWY: KRONENWETTER DRIVE | COUNTY: MARATHON | PLAN | SHEET | E |
|-------------|--------------------|-------------------------|------------------|------|-------|---|

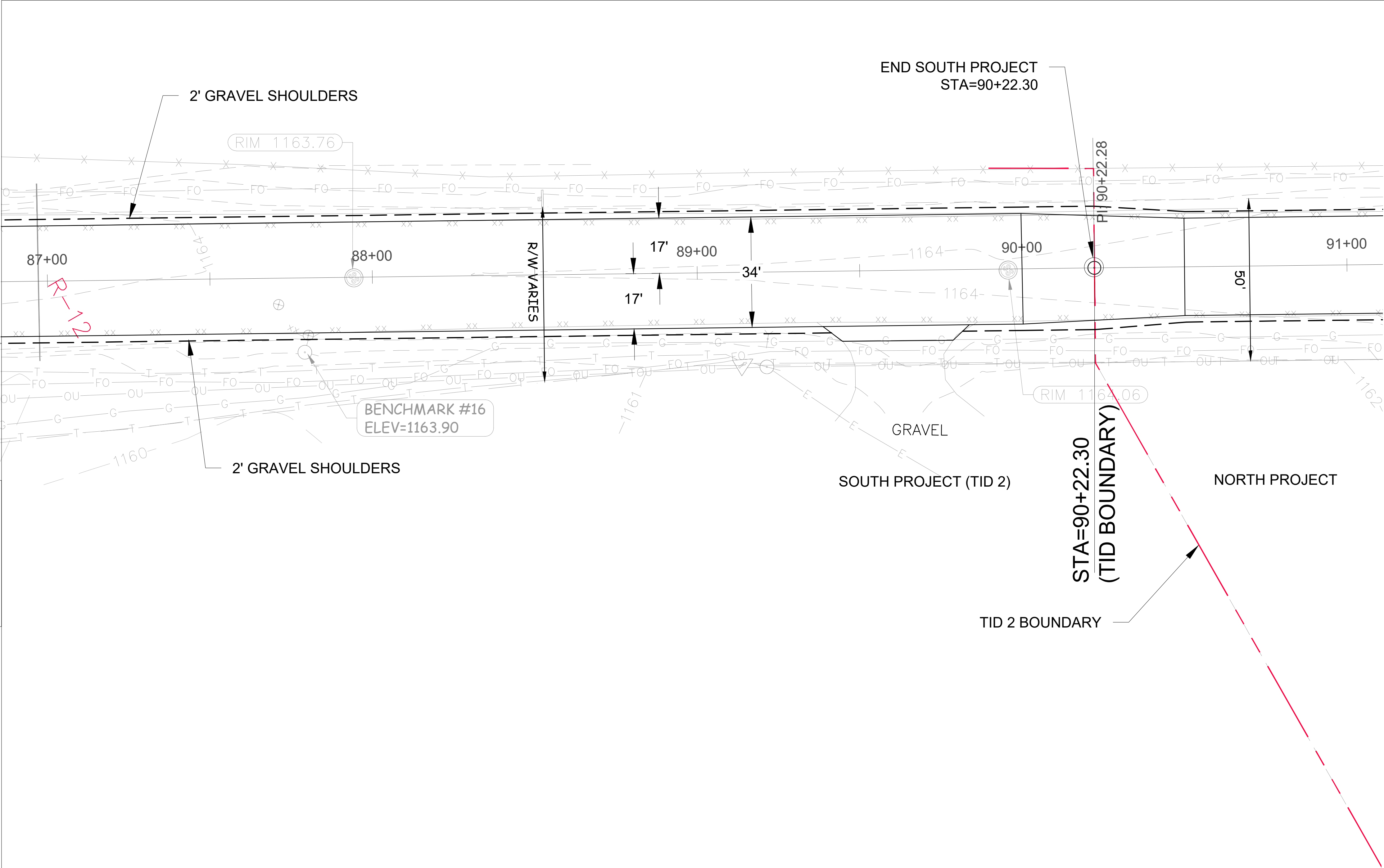
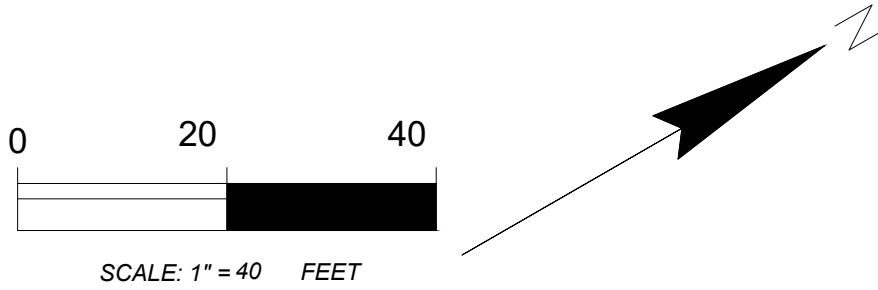




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| PROJECT NO: | 2024-020 (C) SOUTH | HWY: | KRONENWETTER DRIVE | COUNTY: | MARATHON | PLAN |  | SHEET | E |
|-------------|--------------------|------|--------------------|---------|----------|------|--|-------|---|

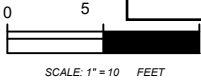


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| PROJECT NO: 2024-020 (C) SOUTH | HWY: KRONENWETTER DRIVE | COUNTY: MARATHON | PLAN | SHEET | E |
|--------------------------------|-------------------------|------------------|------|-------|---|

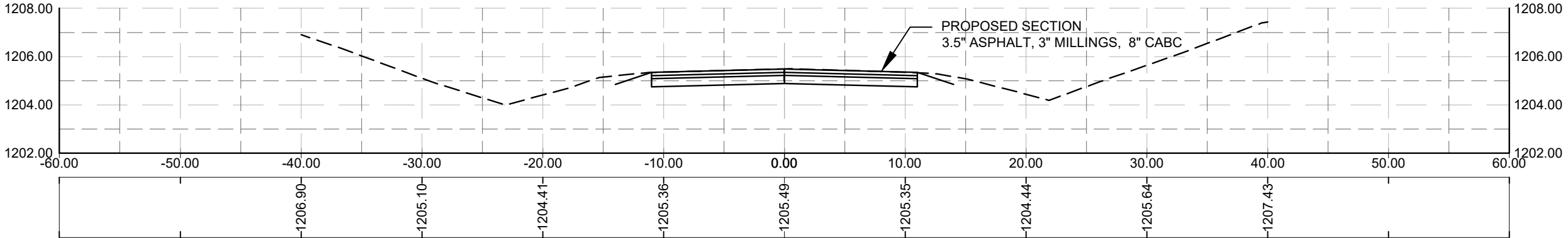


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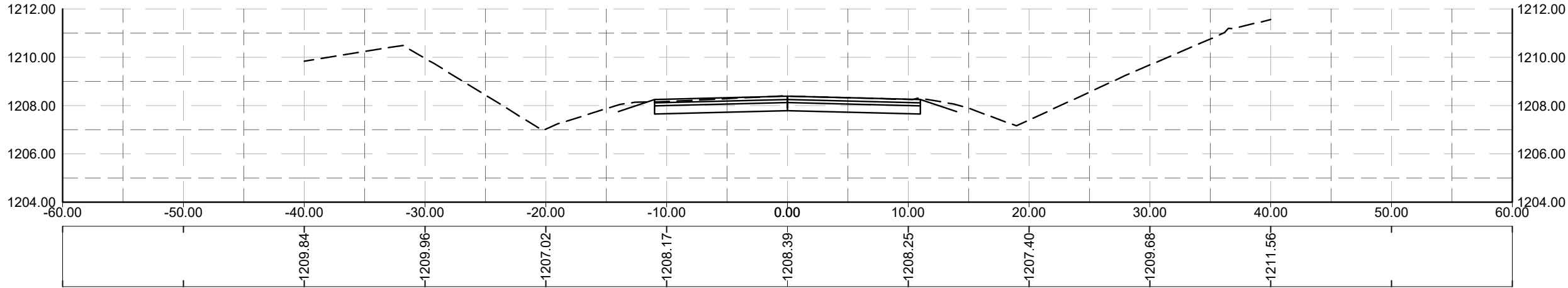
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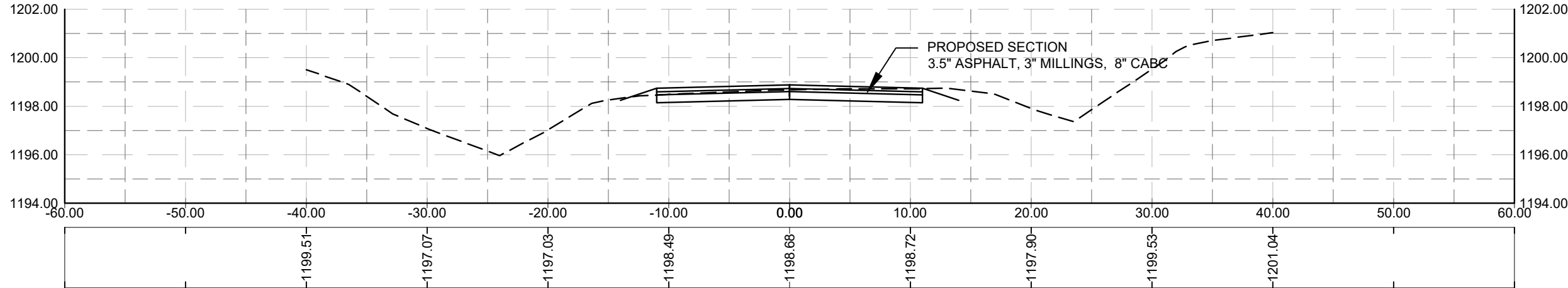
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303+50.00

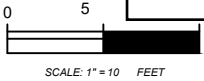


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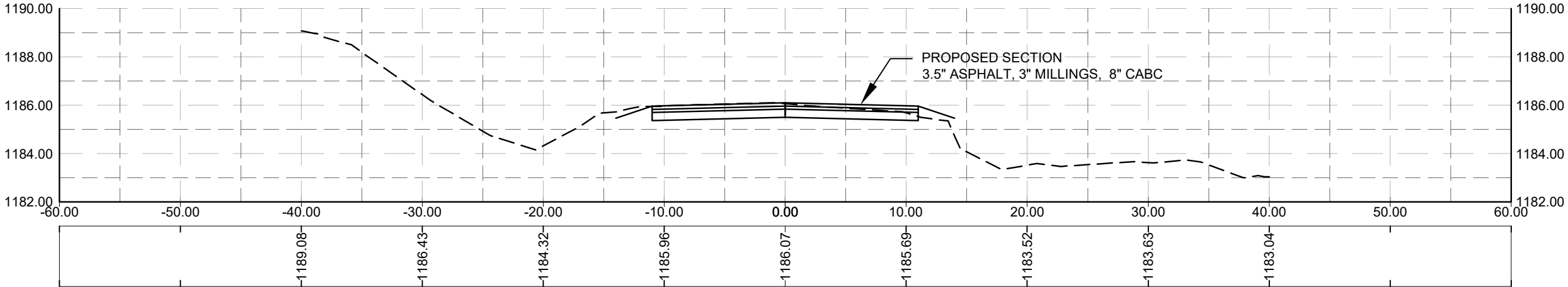


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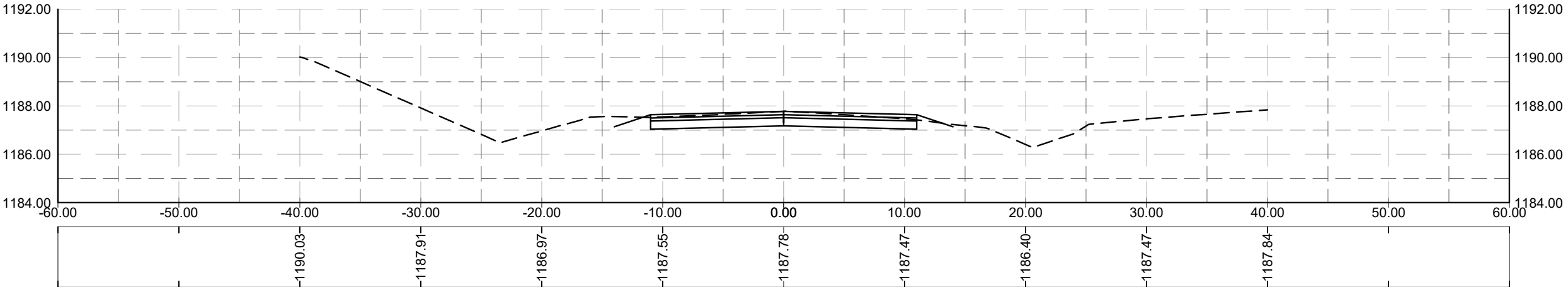
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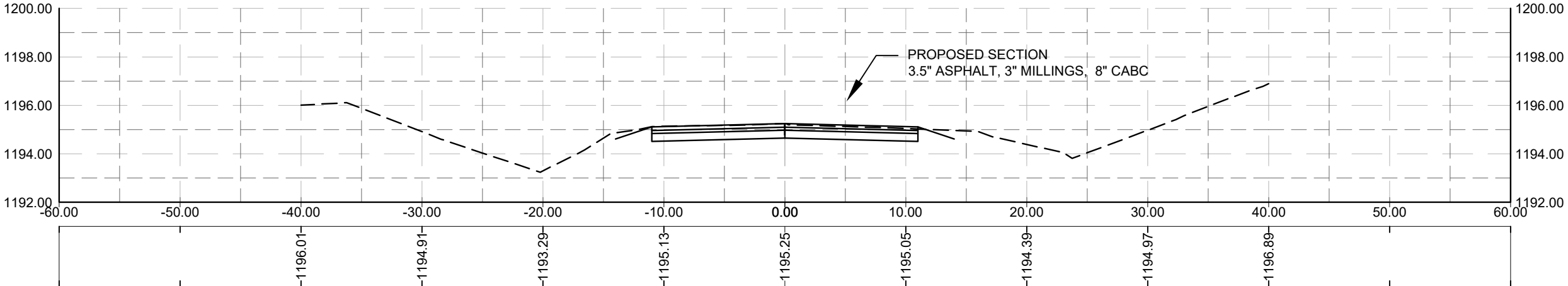
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312+15.00

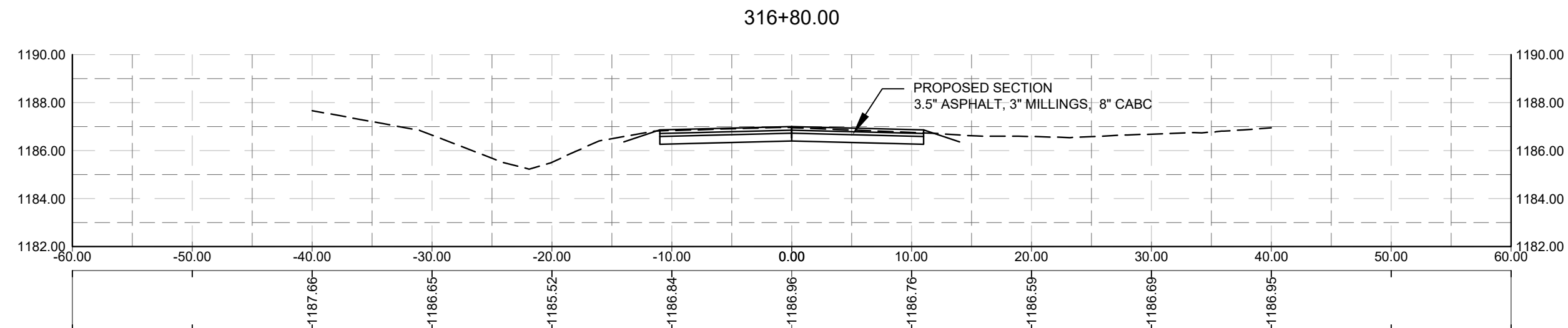
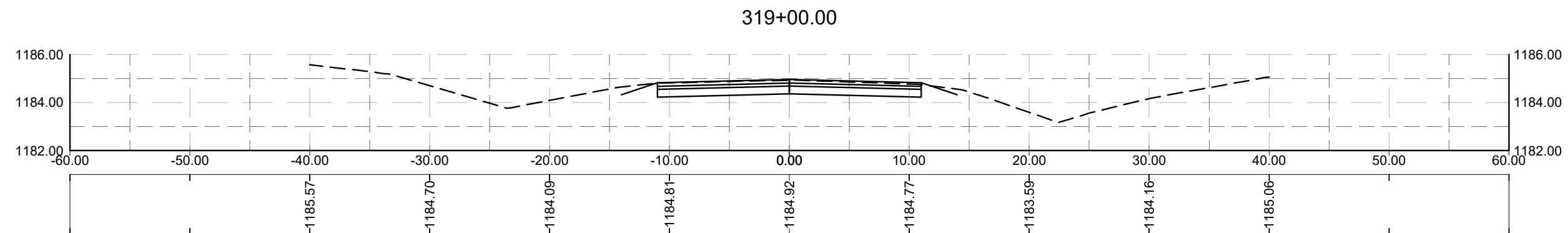
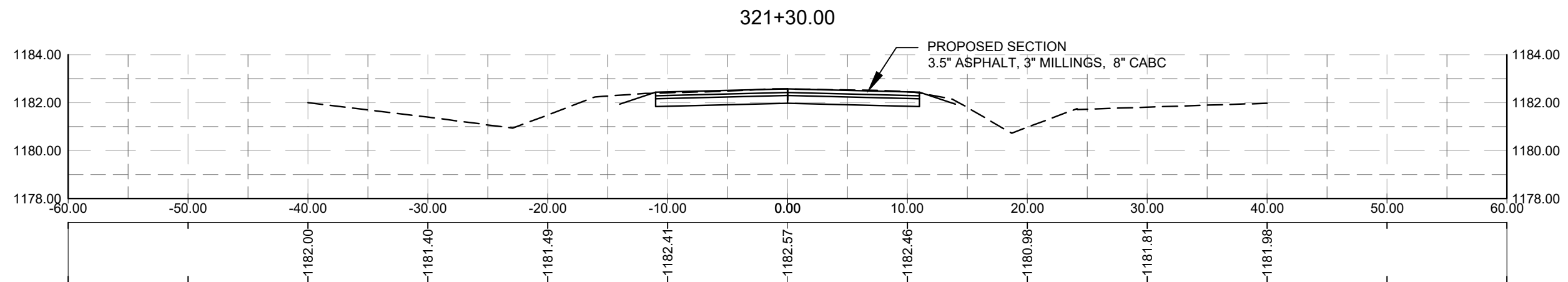
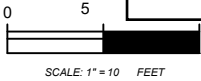


310+00.00



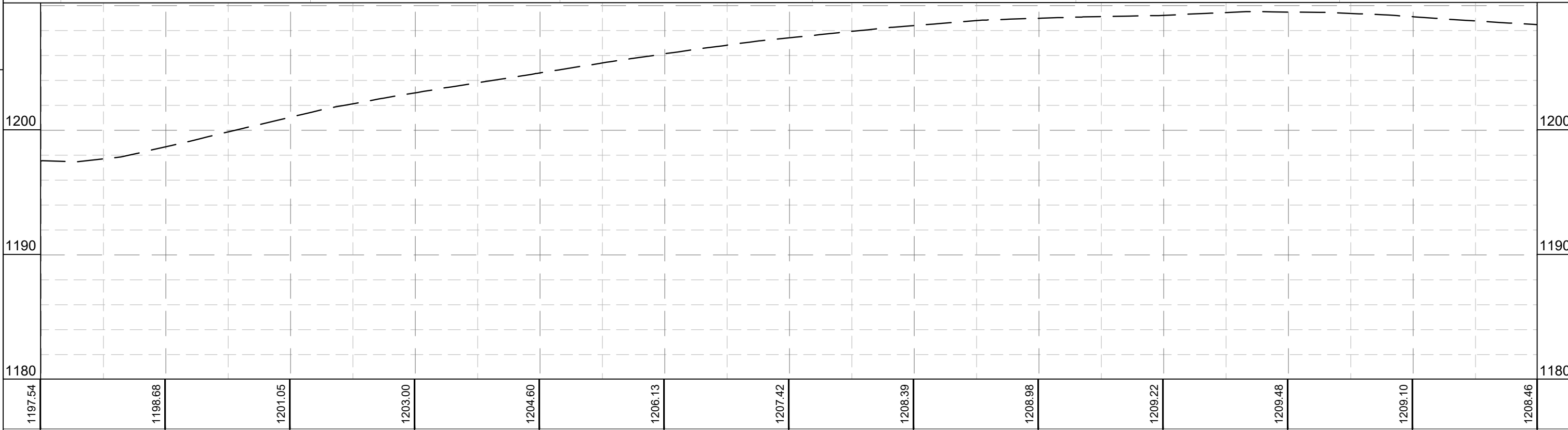
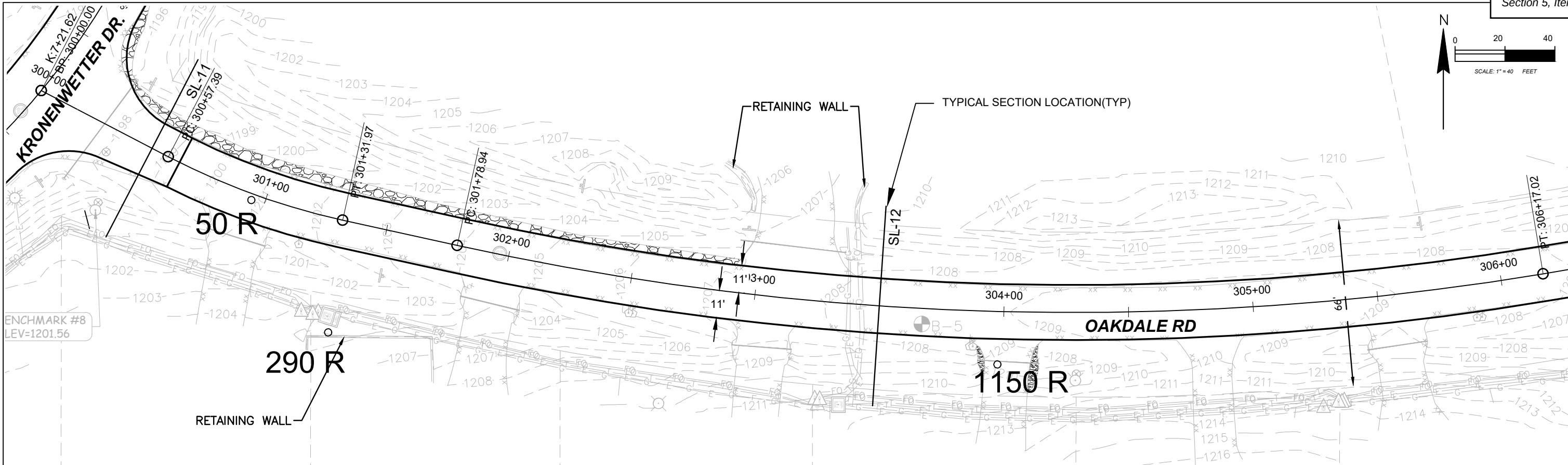
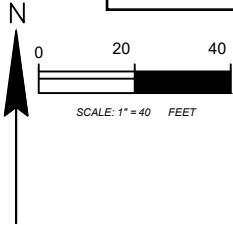
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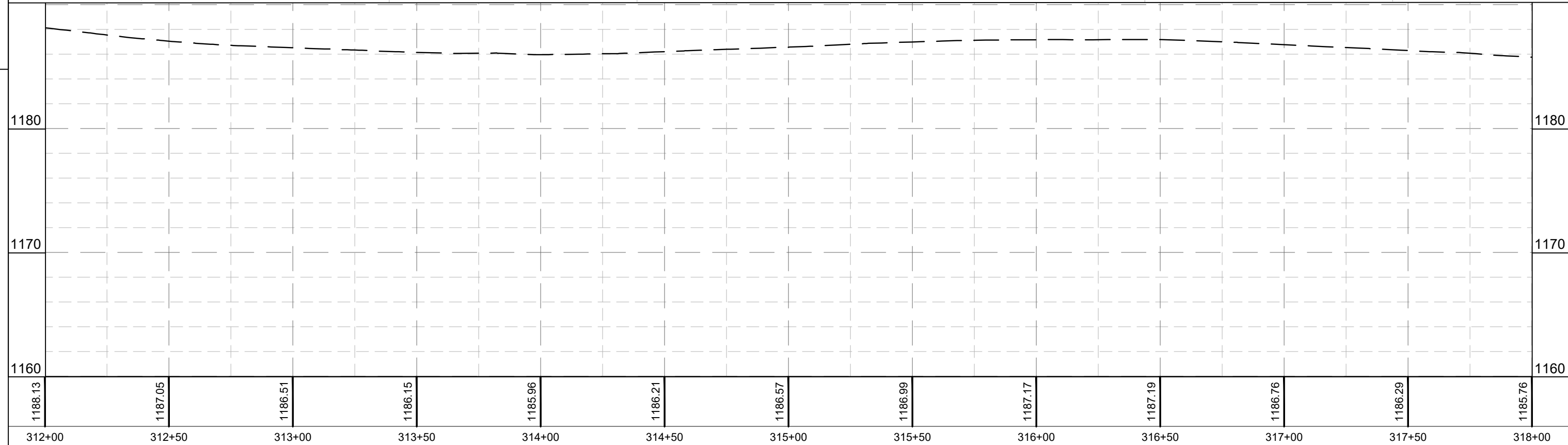
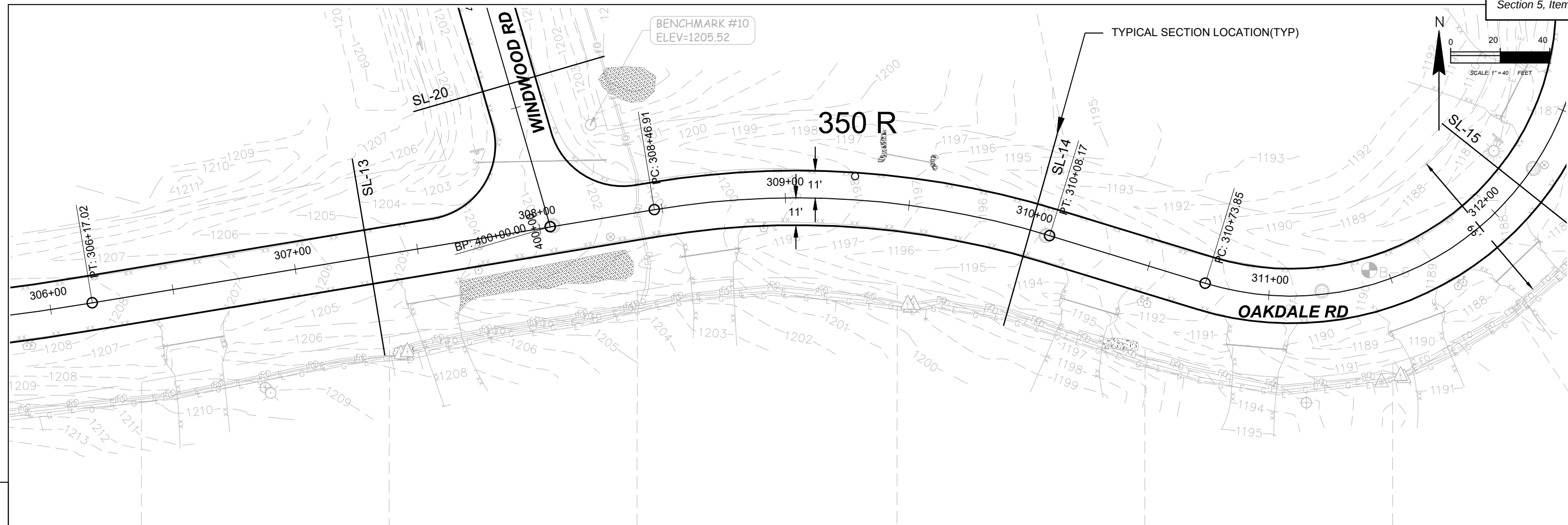


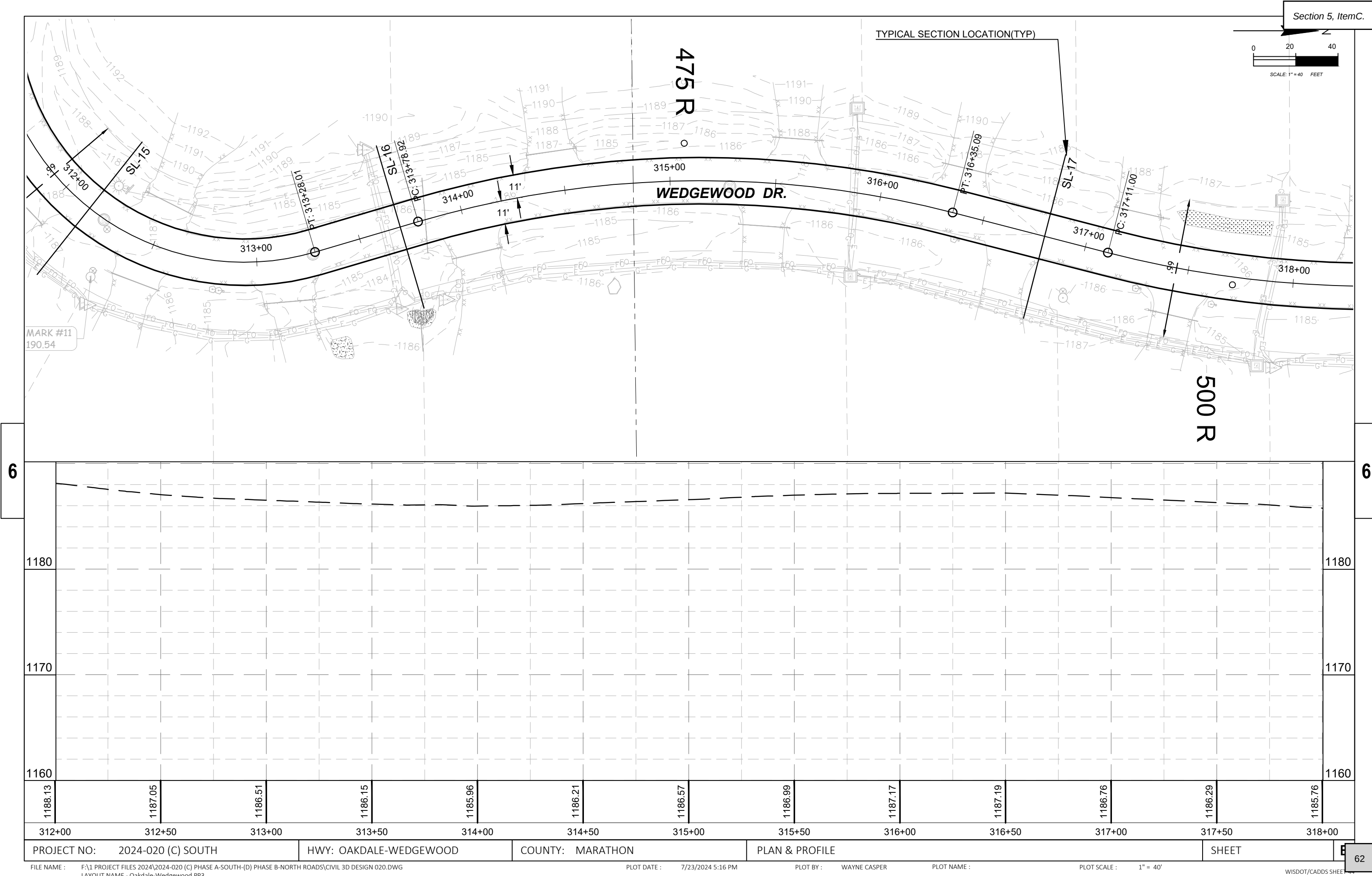
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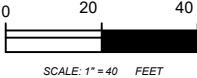
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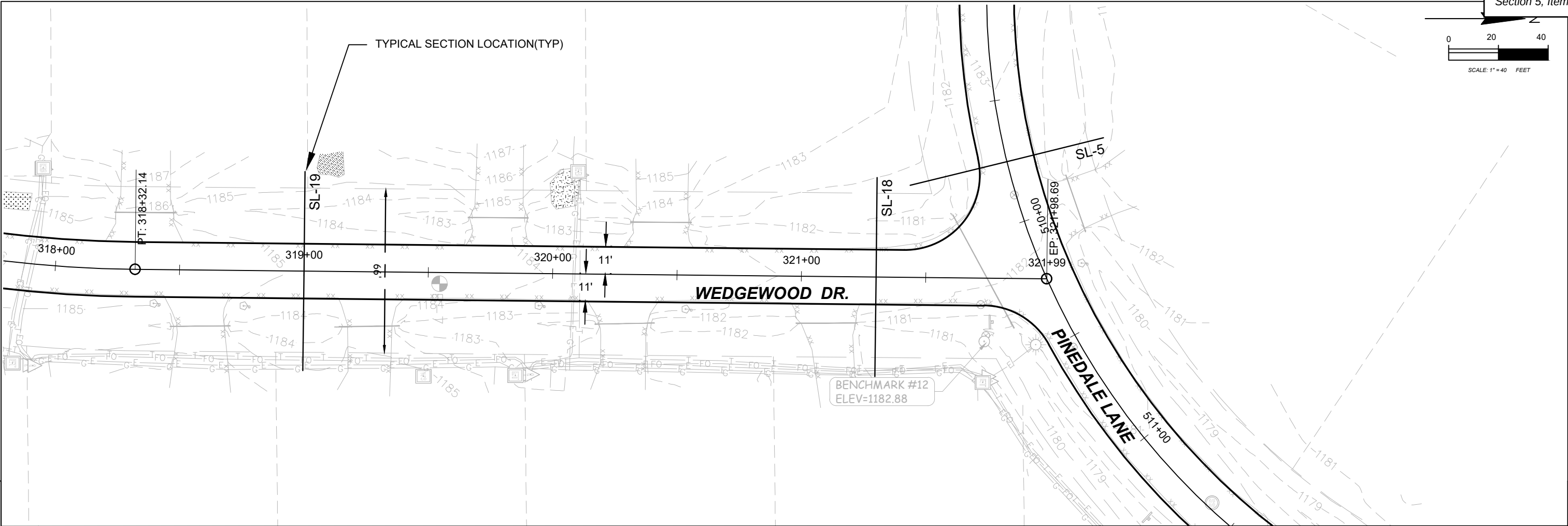
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|-------------|--------------------|------|-------------------|---------|----------|----------------|-------|----|
| PROJECT NO: | 2024-020 (C) SOUTH | HWY: | OAKDALE-WEDGEWOOD | COUNTY: | MARATHON | PLAN & PROFILE | SHEET | 60 |
|-------------|--------------------|------|-------------------|---------|----------|----------------|-------|----|





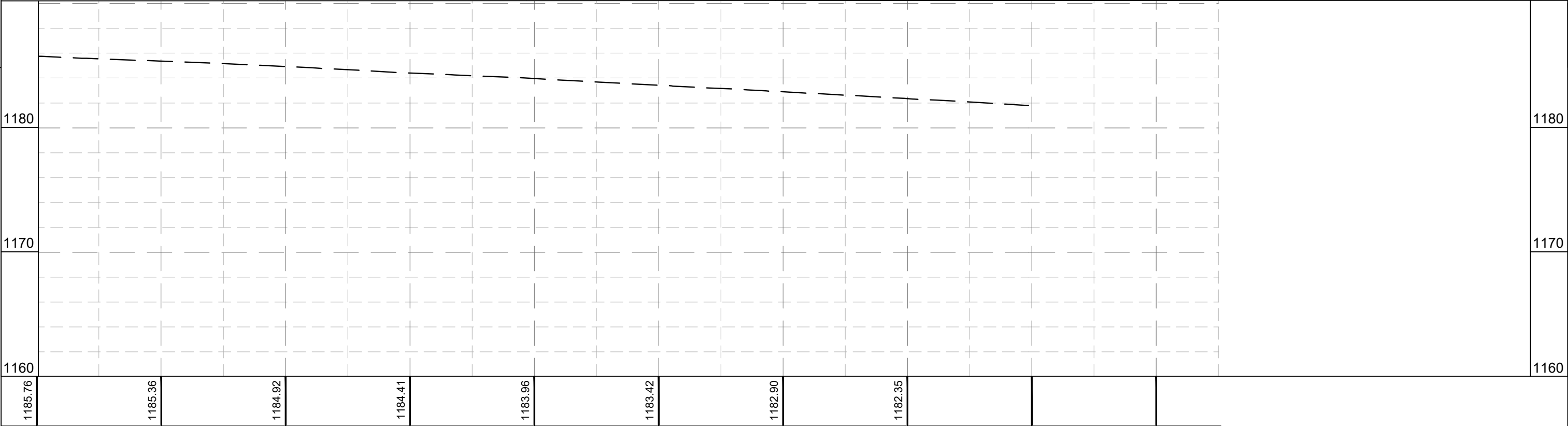


TYPICAL SECTION LOCATION(TYP)

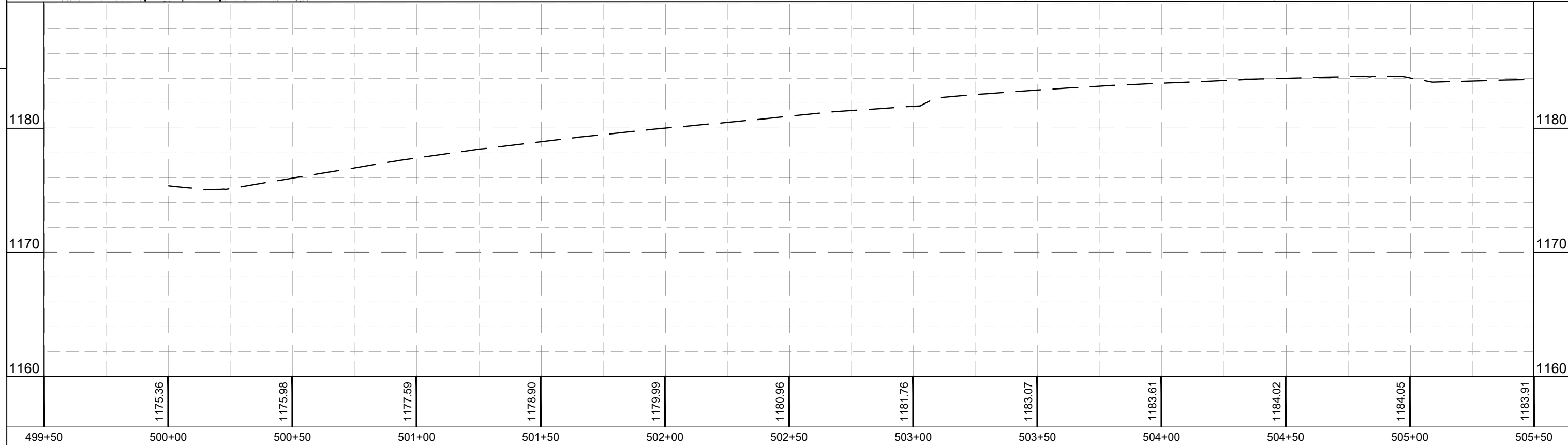
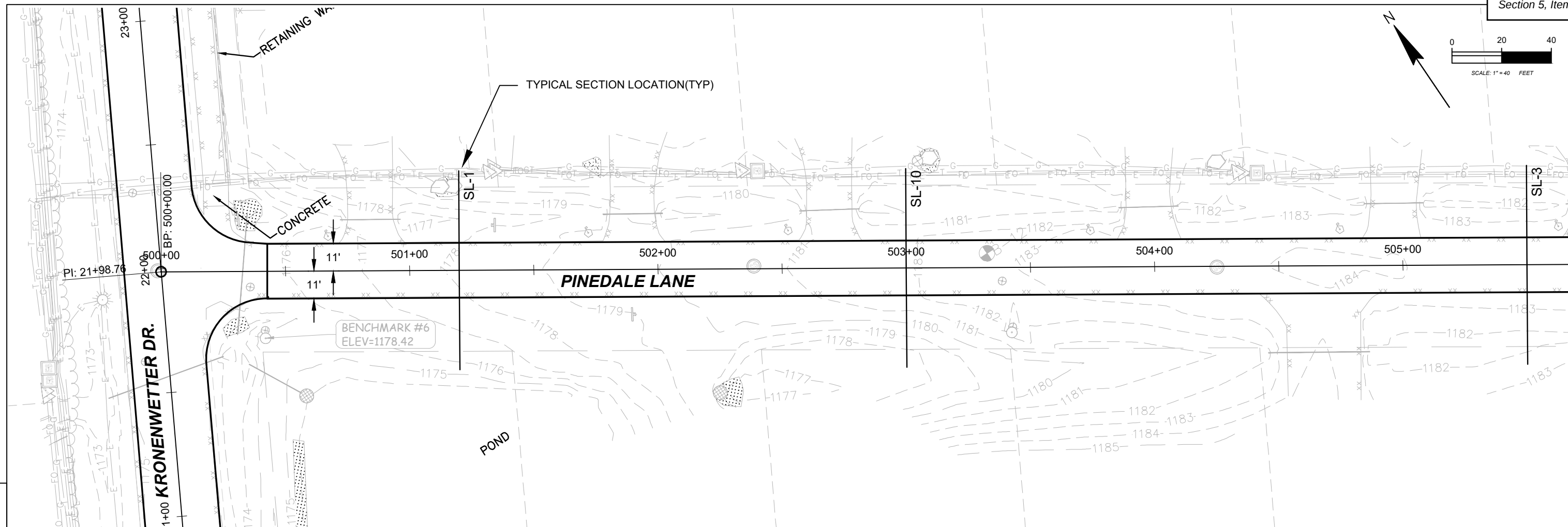


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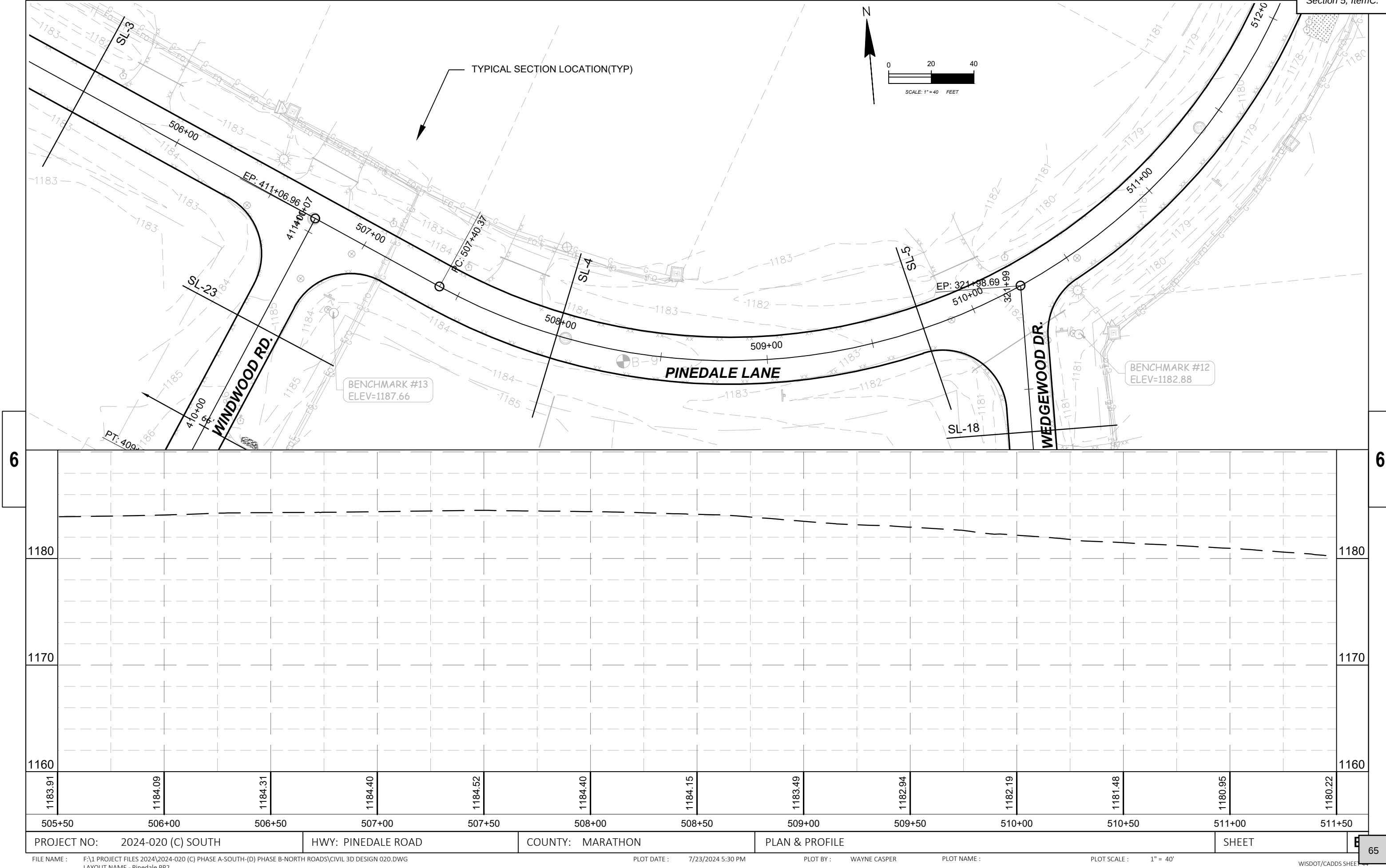
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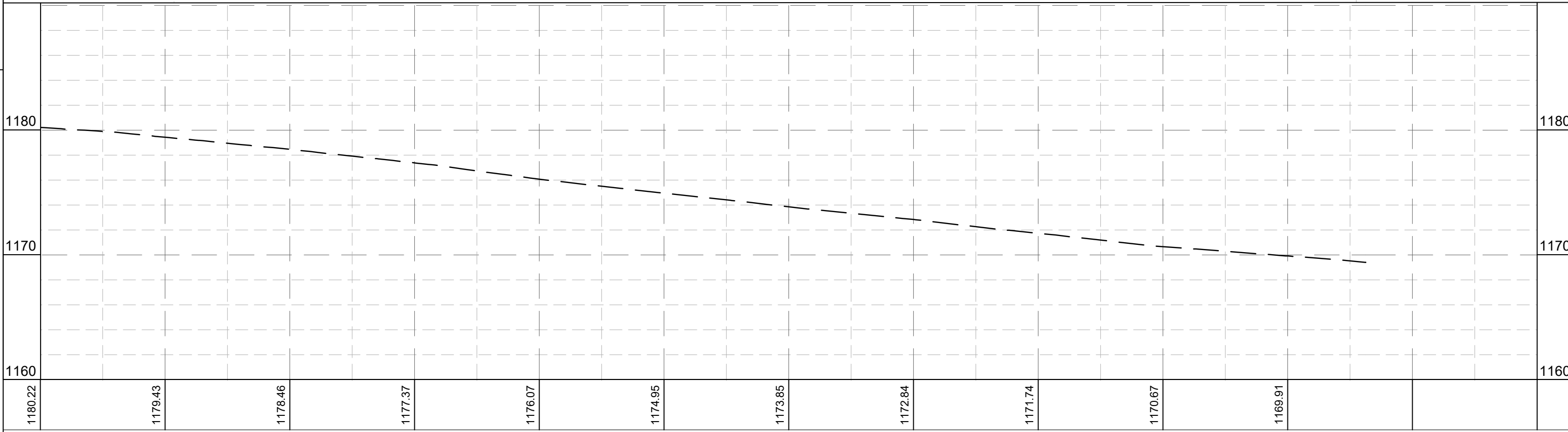
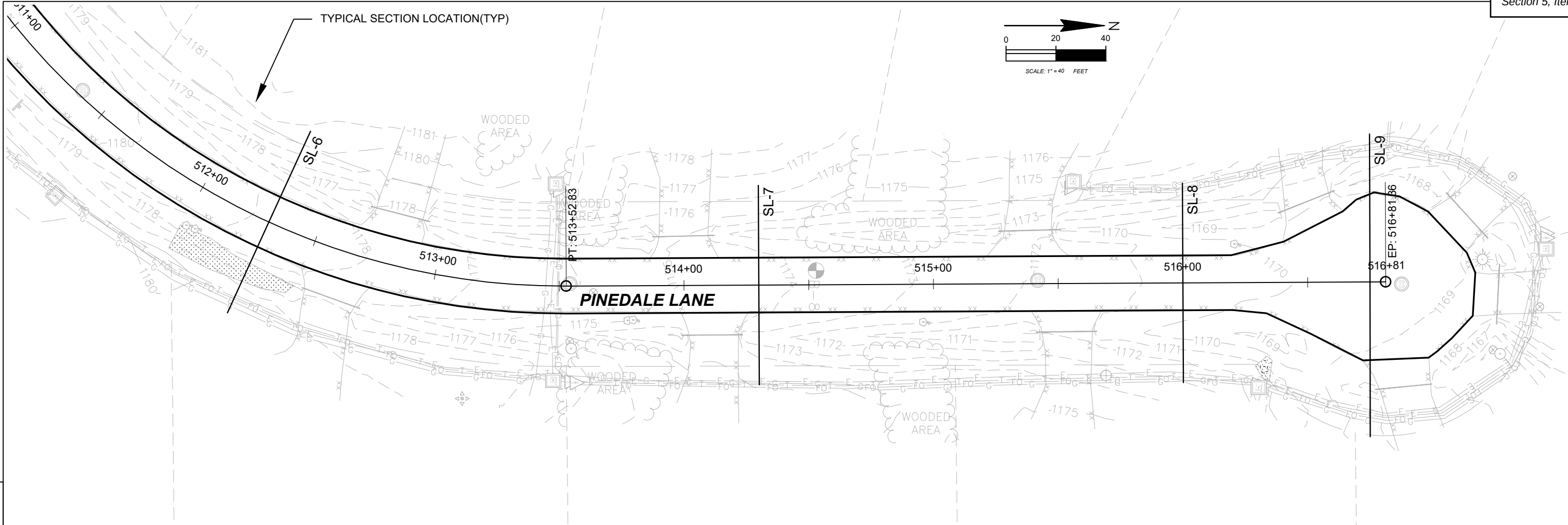


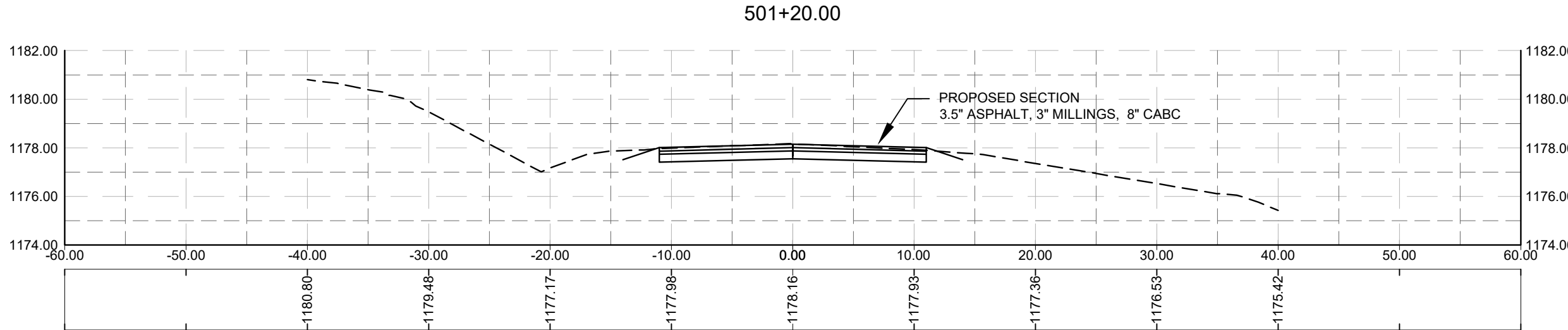
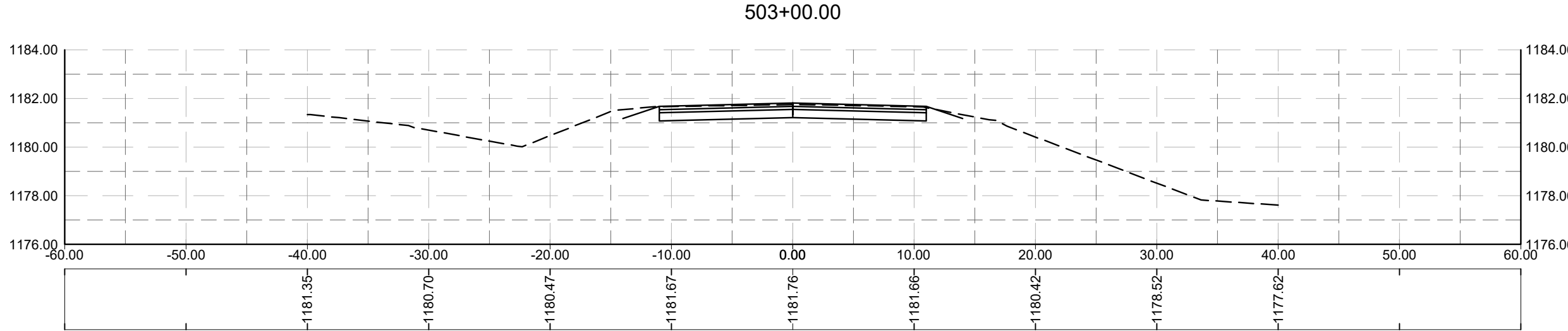
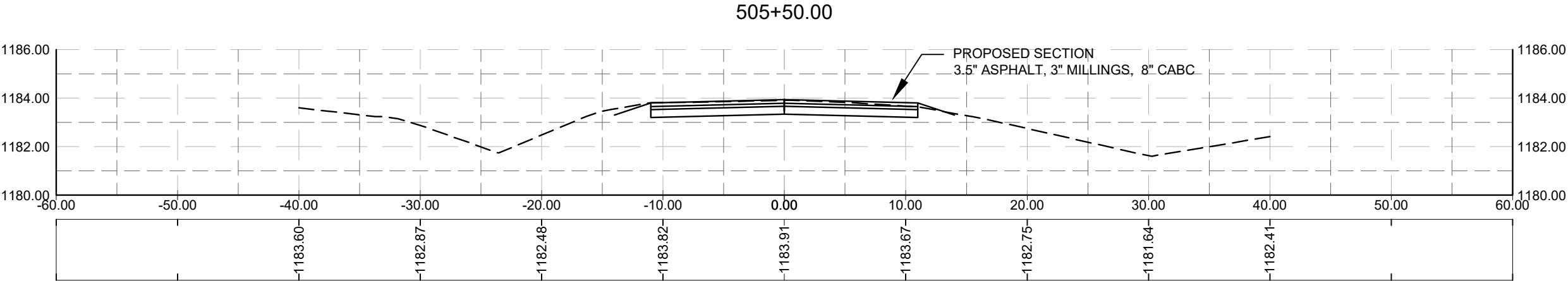
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|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--|
| 1185.76 | 1185.36 | 1184.92 | 1184.41 | 1183.96 | 1183.42 | 1182.90 | 1182.35 |        |        |  |
| 318+00  | 318+50  | 319+00  | 319+50  | 320+00  | 320+50  | 321+00  | 321+50  | 322+00 | 322+50 |  |



|                                |                    |                  |                |       |  |
|--------------------------------|--------------------|------------------|----------------|-------|--|
| PROJECT NO: 2024-020 (C) SOUTH | HWY: PINEDALE ROAD | COUNTY: MARATHON | PLAN & PROFILE | SHEET |  |
|--------------------------------|--------------------|------------------|----------------|-------|--|

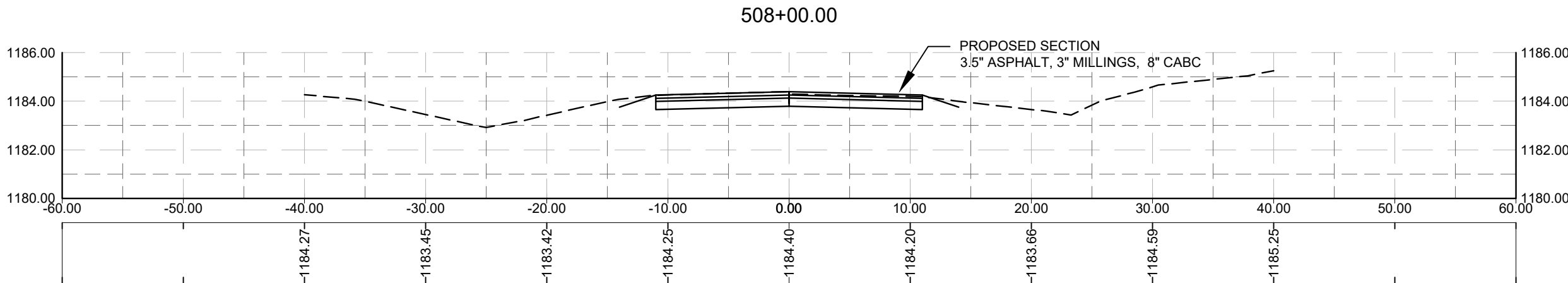
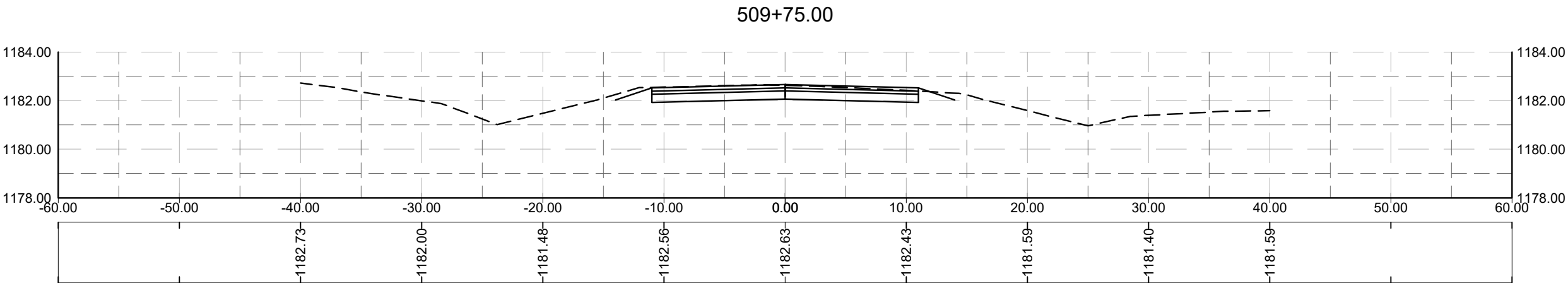
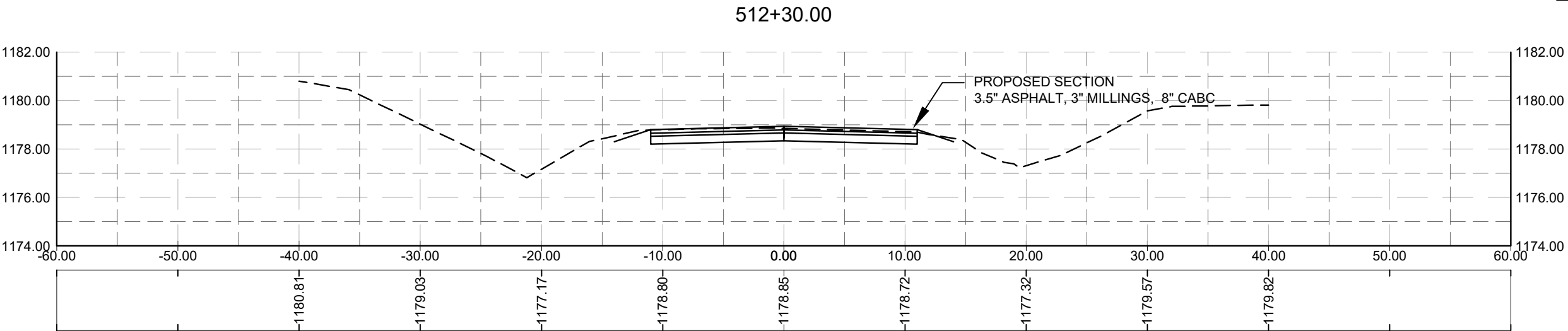
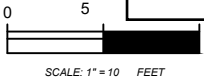






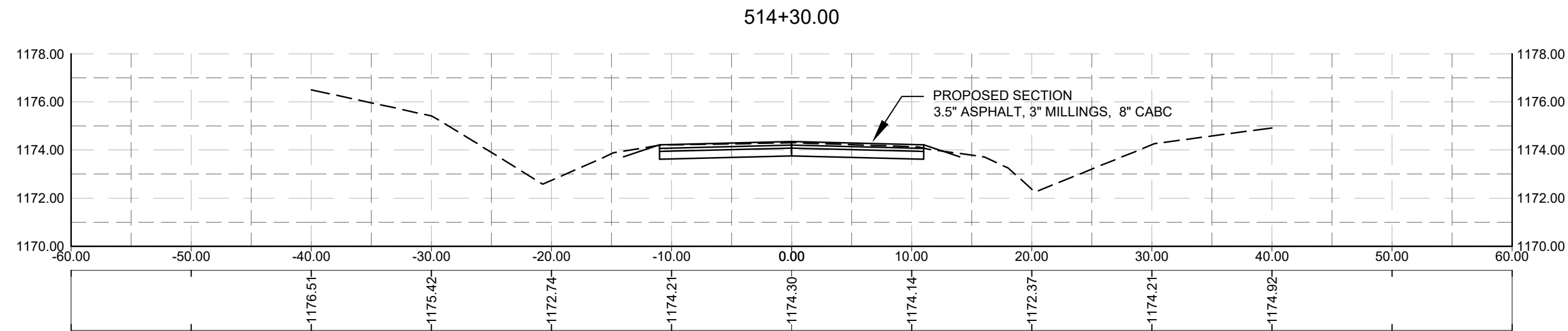
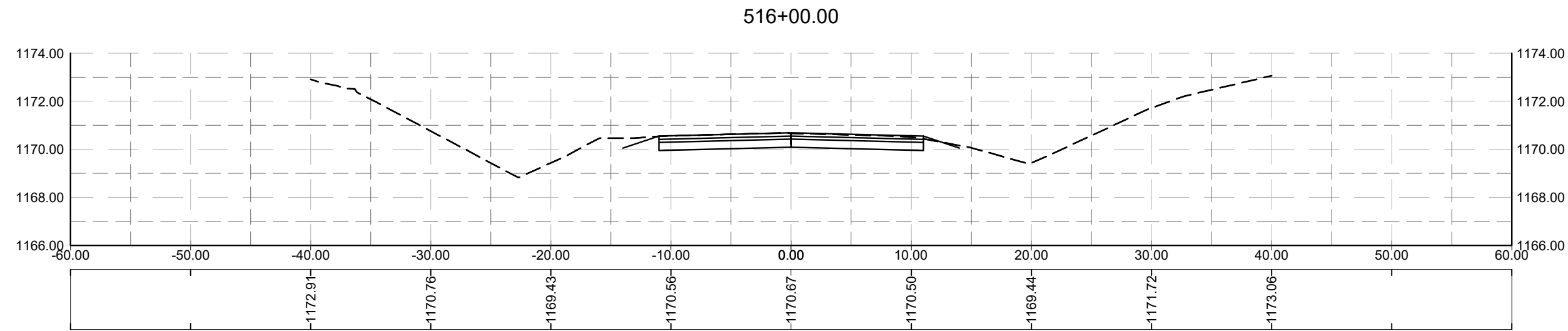
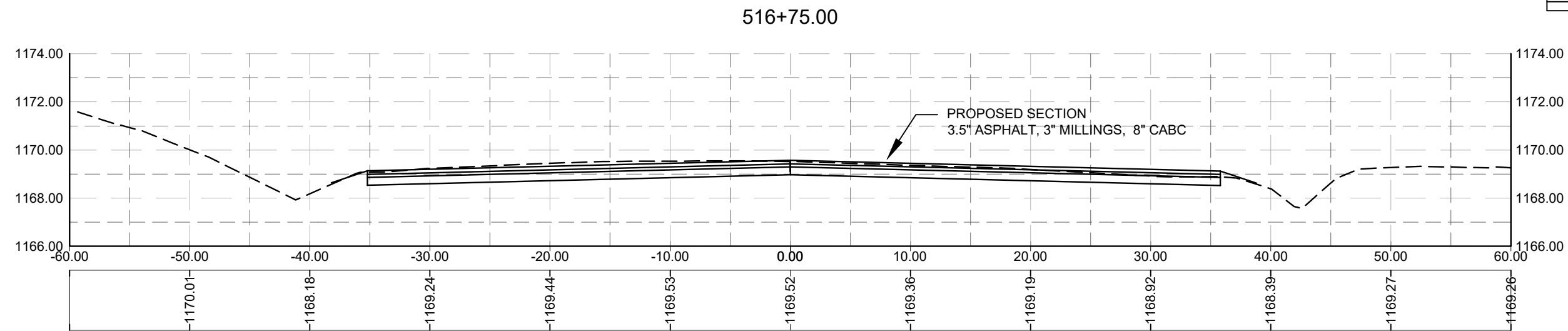
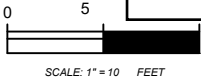
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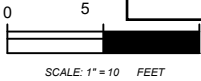
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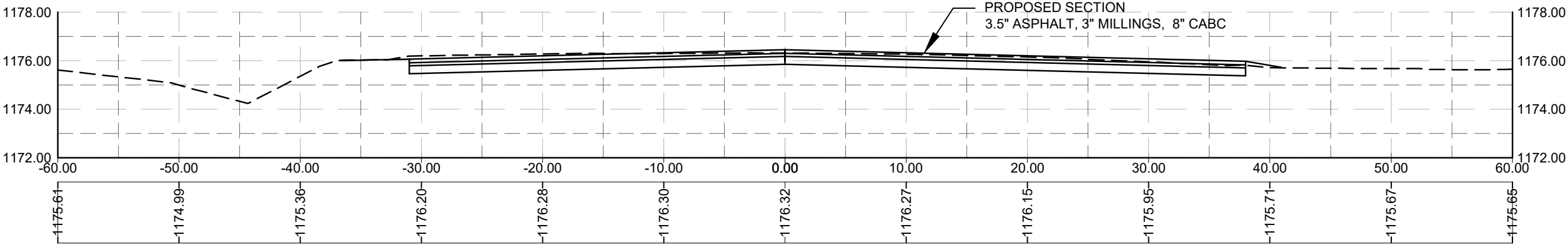


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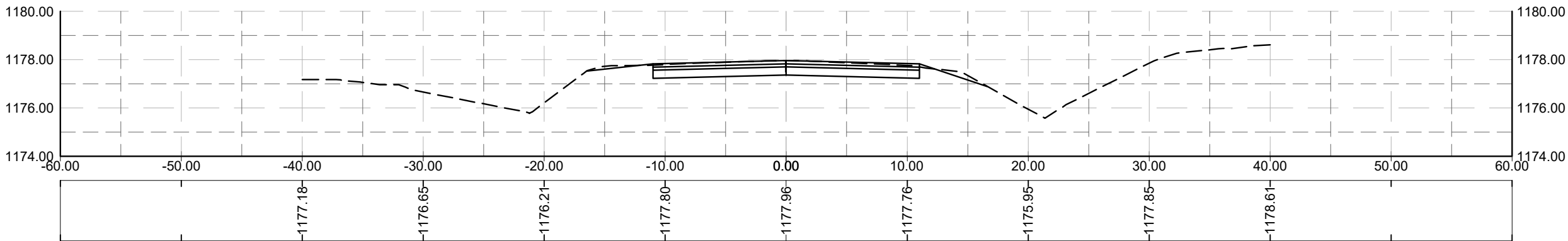
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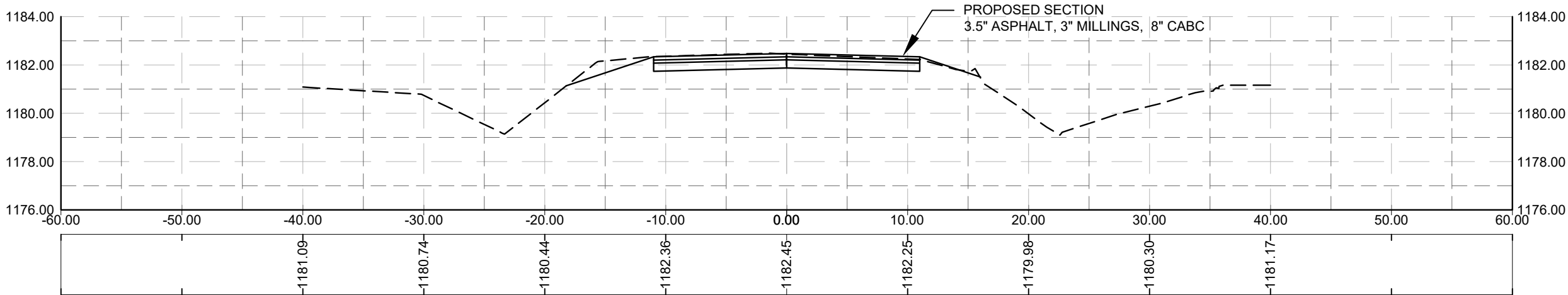
14+70.00



13+60.00



11+60.00



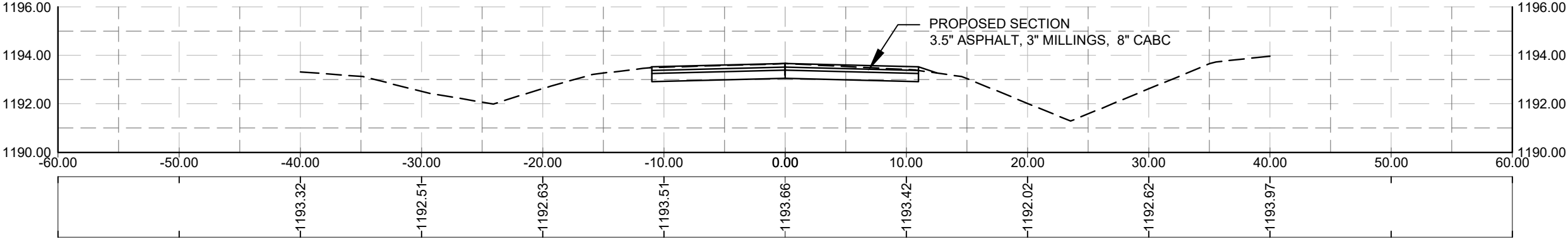
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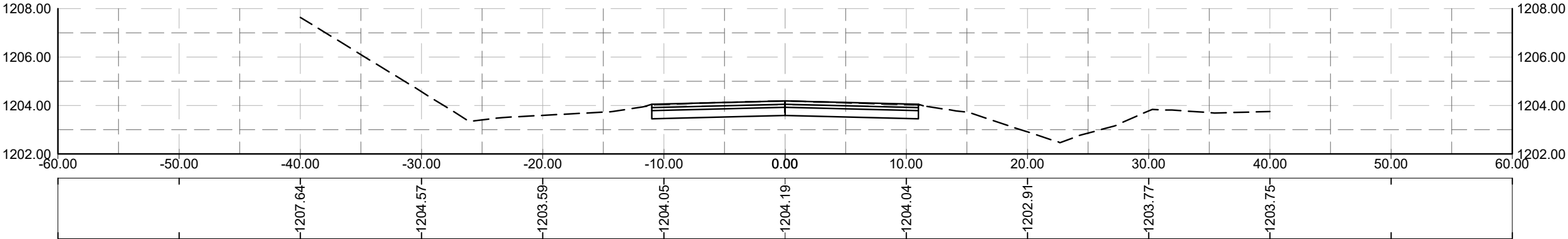




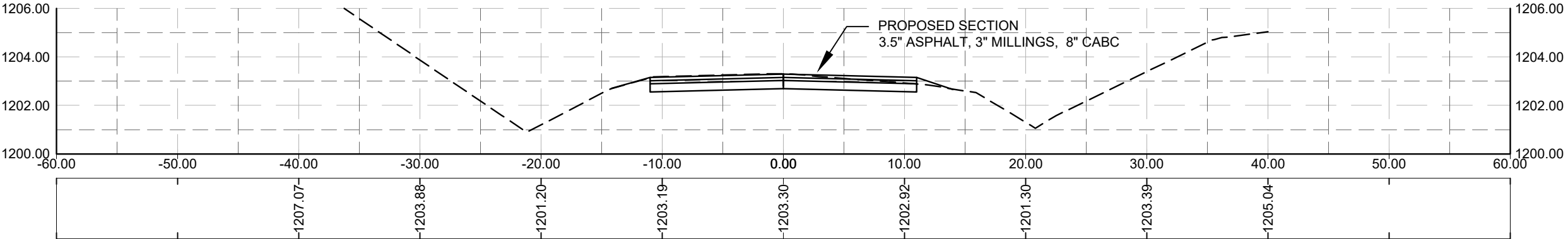
407+70.00



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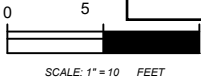


400+60.00



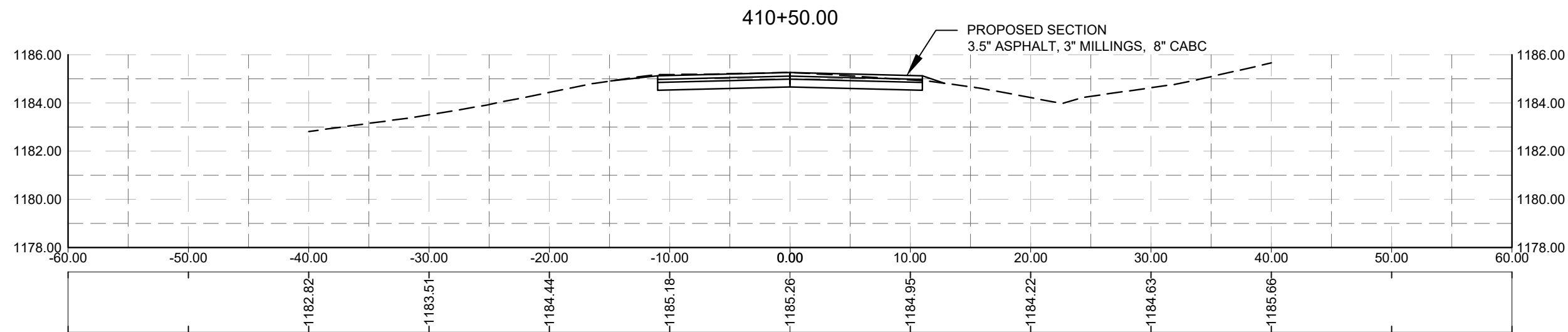
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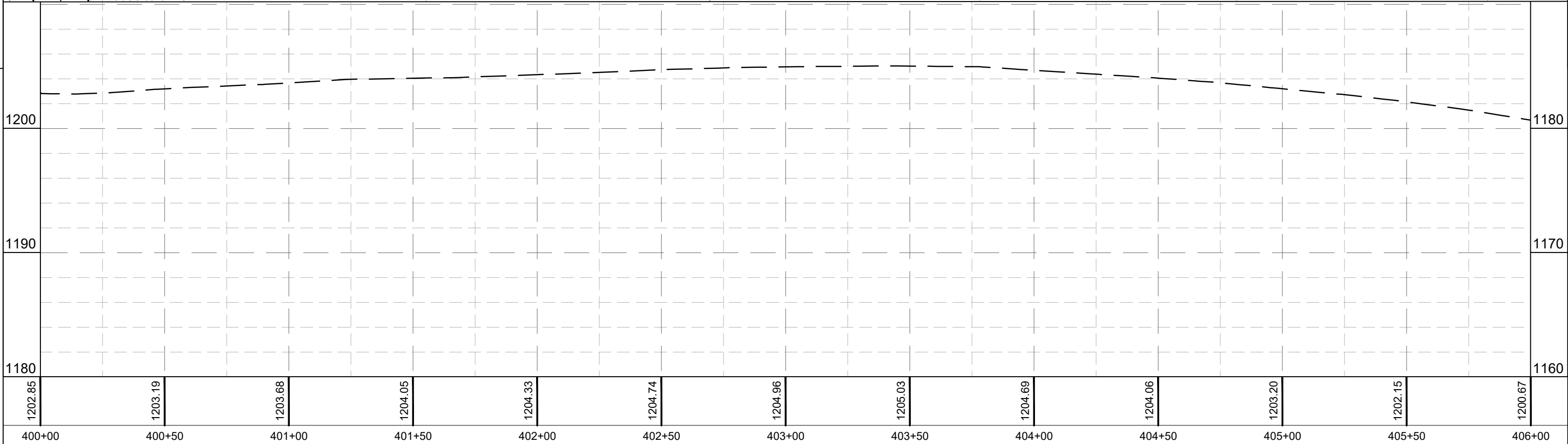
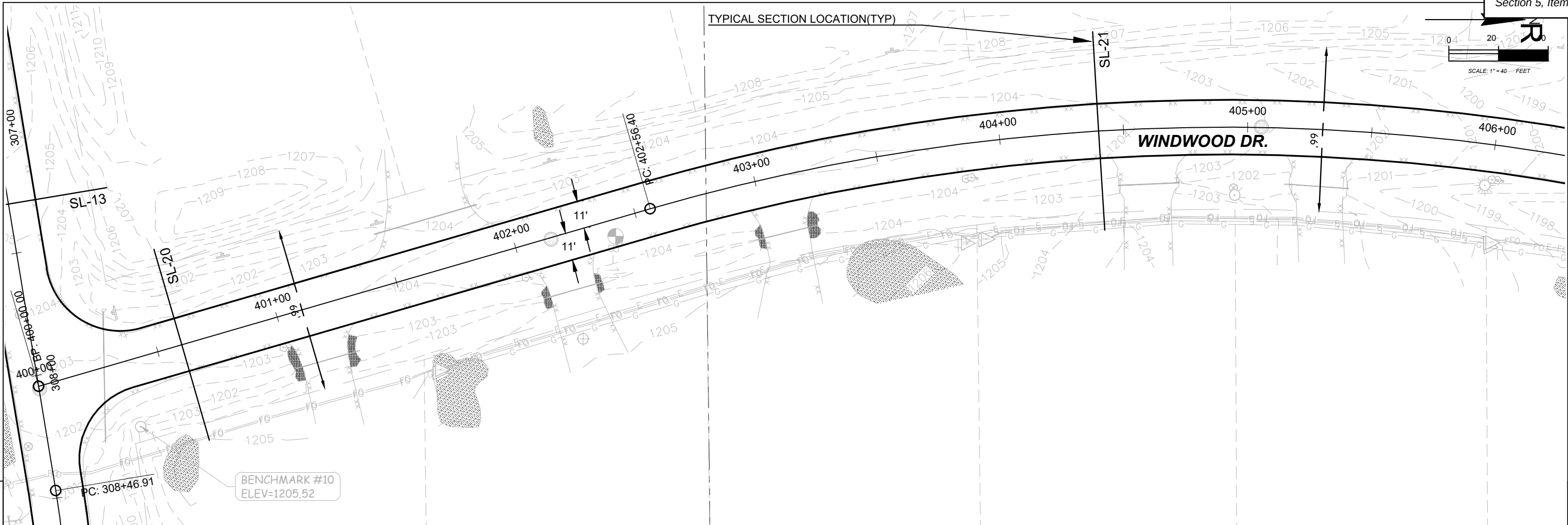
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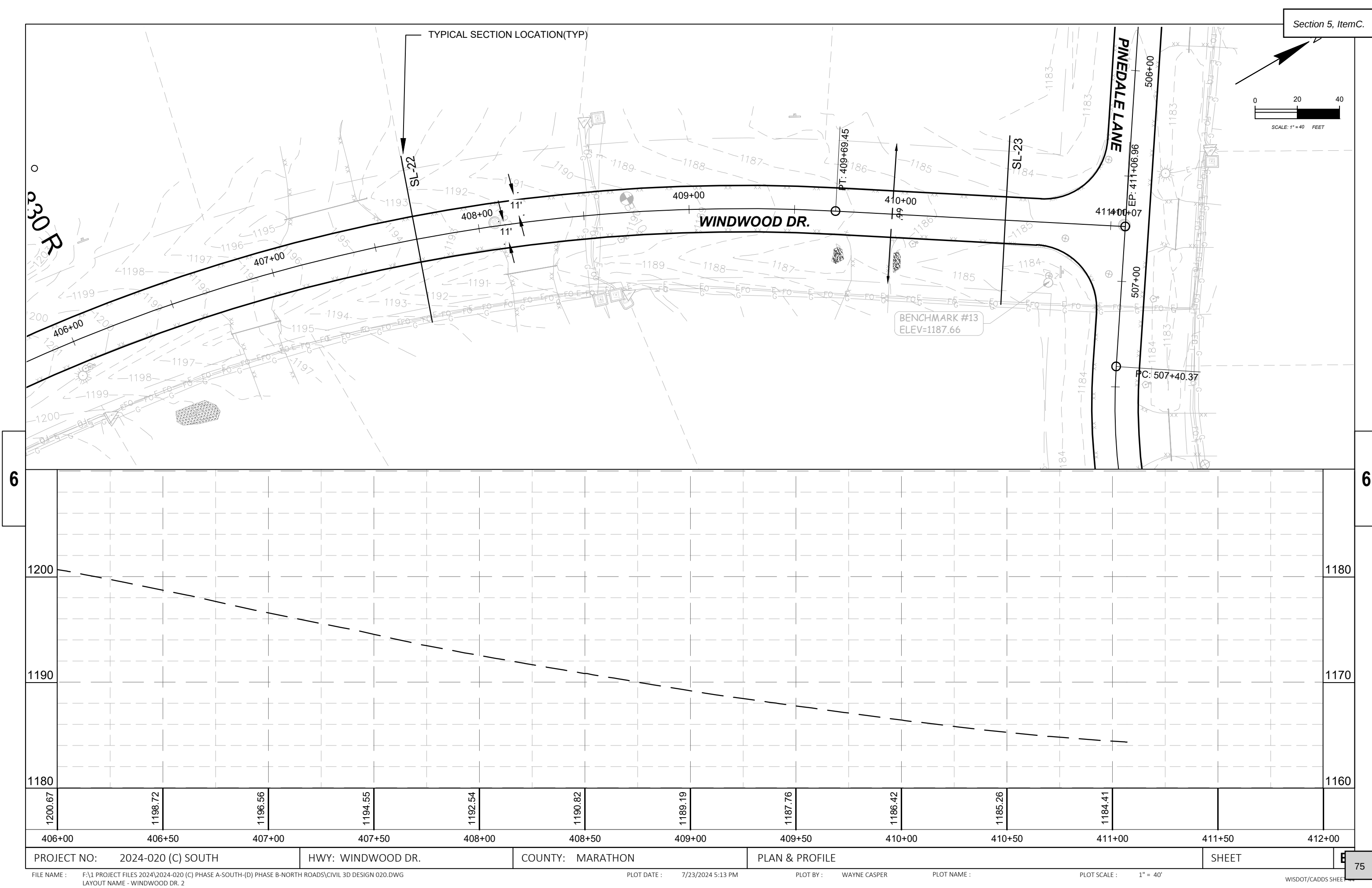
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|             |                    |      |              |         |          |                |       |    |
|-------------|--------------------|------|--------------|---------|----------|----------------|-------|----|
| PROJECT NO: | 2024-020 (C) SOUTH | HWY: | WINDWOOD DR. | COUNTY: | MARATHON | PLAN & PROFILE | SHEET | 74 |
|-------------|--------------------|------|--------------|---------|----------|----------------|-------|----|





# **Village of Kronenwetter, WI**

## **2024 TID #2 Project Plan Amendment**

### **Phase 1: Feasibility**

August 8, 2024 Village Meeting

# Agenda

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*Section 5, Item D.*

- Current Position of TID 2
- Amendment Feasibility
- Moving Forward



2024 TID #2 Amendment

# CURRENT POSITION

# TID #2

Section 5, ItemD.

- Coming up on expenditure period 11/3/24
- Once past it cannot engage in new costs
- Opportunity to maximize eligible projects to continue development for this District
- Cash flow on next page w/ no amendment

Type of District  
District Creation Date  
Valuation Date  
Max Life (Years)  
Expenditure Period/Termination  
Revenue Periods/Final Year

| Special          |           |
|------------------|-----------|
| November 3, 2004 |           |
| Jan 1,           | 2005      |
| 25               |           |
| 20               | 11/3/2024 |
| 24               | 2029      |

Village of Kronenwetter, Wisconsin

Tax Increment District #2

Cash Flow Projection

| Year  | Projected Revenues |           |               |               |                | Expenditures        |           |                                           |           |       |                            |                      |           |           |           |                |                    | Balances               |             |             | Year |            |
|-------|--------------------|-----------|---------------|---------------|----------------|---------------------|-----------|-------------------------------------------|-----------|-------|----------------------------|----------------------|-----------|-----------|-----------|----------------|--------------------|------------------------|-------------|-------------|------|------------|
|       |                    |           |               |               | Total Revenues | Actual Debt Service |           | G.O. Promissory Notes, 2013B<br>1,067,000 |           |       | GO Notes, Series 2024<br>0 |                      |           |           |           |                | Total Expenditures |                        |             |             |      |            |
|       | Tax Increments     | Intergov. | Other Revenue | Debt Proceeds |                | Principal           | Interest  | Dated Date: 11/12/13                      | Principal | Rate  | Interest                   | Dated Date: 11/01/24 | Principal | Est. Rate | Interest  | Capital Outlay |                    | Other/TID 4<br>Sharing | Admin.      | Annual      |      | Cumulative |
| 2016  | 455,030            | 66,816    | 188,073       |               | 709,919        | 365,000             | 84,429    |                                           |           |       |                            |                      |           |           | 49,598    |                | 38,188             | 537,215                | 172,704     | 1,122,730   |      | 2016       |
| 2017  | 394,084            | 40,221    | 491,714       |               | 926,019        | 110,000             | 81,400    |                                           |           |       |                            |                      |           |           | 60,773    |                | 28,502             | 280,675                | 645,344     | 1,768,074   |      | 2017       |
| 2018  | 435,327            | 40,812    | 57,756        |               | 533,895        | 110,000             | 78,925    |                                           |           |       |                            |                      |           |           | 14,998    |                | 102,412            | 306,335                | 227,560     | 1,995,634   |      | 2018       |
| 2019  | 523,316            | 44,825    | 50,397        |               | 618,538        | 110,000             | 76,318    |                                           |           |       |                            |                      |           |           | 170,313   |                | 87,621             | 444,252                | 174,286     | 2,169,920   |      | 2019       |
| 2020  | 727,516            | 44,295    | 16,819        |               | 788,630        | 110,000             | 73,287    |                                           |           |       |                            |                      |           |           | 950,247   | 236,000        | 14,954             | 1,384,488              | (595,858)   | 1,574,062   |      | 2020       |
| 2021  | 864,178            | 43,766    | 7,616         |               | 915,560        | 2,608,000           | 41,163    |                                           |           |       |                            |                      |           |           | 15,229    | 1,014,141      | 2,044              | 3,680,577              | (2,765,017) | (1,190,955) |      | 2021       |
| 2022  | 739,897            | 44,295    | 7,920         |               | 792,112        |                     |           | 187,000                                   | 3.25%     | 3,039 |                            |                      |           |           | 3,500     |                | 19,915             | 213,454                | 578,658     | (612,297)   |      | 2022       |
| 2023  | 951,013            | 44,295    | 24,986        |               | 1,020,295      |                     |           |                                           |           |       |                            |                      |           |           |           |                | 33,448             | 33,448                 | 986,847     | 374,550     |      | 2023       |
| 2024  | 844,012            | 44,300    | 24,000        |               | 912,312        |                     |           |                                           |           |       |                            |                      |           |           |           | 0              | 294,699            | 294,699                | 617,613     | 992,163     | 0    | 2024       |
| 2025  | 844,012            |           |               |               | 844,012        |                     |           |                                           |           |       |                            |                      |           |           |           | 0              | 5,000              | 5,000                  | 839,012     | 1,831,175   | 0    | 2025       |
| 2026  | 844,012            |           |               |               | 844,012        |                     |           |                                           |           |       |                            |                      |           |           |           | 36,691         | 5,000              | 41,691                 | 802,321     | 2,633,496   | 0    | 2026       |
| 2027  | 844,012            |           |               |               | 844,012        |                     |           |                                           |           |       |                            |                      |           |           |           | 39,491         | 5,000              | 44,491                 | 799,521     | 3,433,017   | 0    | 2027       |
| 2028  | 844,012            |           |               |               | 844,012        |                     |           |                                           |           |       |                            |                      |           |           |           | 38,891         | 15,000             | 53,891                 | 790,121     | 4,223,138   | 0    | 2028       |
| 2029  | 844,012            |           |               |               | 844,012        |                     |           |                                           |           |       |                            |                      |           |           |           | 0              |                    | 0                      | 844,012     | 5,067,150   | 0    | 2029       |
| 2030  | 844,012            |           |               |               | 844,012        |                     |           |                                           |           |       |                            |                      |           |           |           | 0              |                    | 0                      | 844,012     | 5,911,162   | 0    | 2030       |
| 2031  | 844,012            |           |               |               | 844,012        |                     |           |                                           |           |       |                            |                      |           |           |           |                |                    | 0                      | 844,012     | 6,755,175   | 0    | 2031       |
| 2032  | 844,012            |           |               |               | 844,012        |                     |           |                                           |           |       |                            |                      |           |           |           |                |                    | 0                      | 844,012     | 7,599,187   | 0    | 2032       |
| 2033  | 844,012            |           |               |               | 844,012        |                     |           |                                           |           |       |                            |                      |           |           |           |                |                    | 0                      | 844,012     | 8,443,199   | 0    | 2033       |
| 2034  | 844,012            |           |               |               | 844,012        |                     |           |                                           |           |       |                            |                      |           |           |           |                |                    | 0                      | 844,012     | 9,287,211   | 0    | 2034       |
| Total | 15,614,588         | 760,278   | 6,546,469     | 8,913,000     | 31,834,335     | 16,044,287          | 2,211,137 | 187,000                                   |           | 3,039 |                            |                      | 0         | 0         | 2,905,129 | 1,365,214      | 830,738            | 23,546,545             |             |             |      | Total      |

Notes:

Years prior to 2016 hidden for depiction purposes.  
Option 2 Capital Projects from Village staff 1/3/24 email to Ehlers.  
Debt Proceeds includes 4% Costs of Issuance.

Projected TID Closure



2024 TID #2 Amendment

# AMENDMENT FEASIBILITY

# Tests

---

Section 5, Item D.

- Not amending boundary
  - ✓ no 12% or other use tests applied
- Projects Eligible under statute
  - ✓ attorney finding and memorialized in Phase 2

# Eligible Costs Beyond Exp. Period

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Section 5, Item D.

- To be an eligible expense:
  - ✓ Included in Project Plan (Amendment)
  - ✓ Current cost prior to expenditure period
    - Either the physical project is started, or one of the following must be in place:
      - Established financing
      - Signed contract
      - Signed developer's agreement
- And can the TID afford it....

Village of Kronenwetter, Wisconsin

Tax Increment District #2

Cash Flow Projection - Option 2 2024 Capital Projects

| Year  | Projected Revenues |           |               |               |                | Expenditures        |           |                                           |          |           |                                    |          |             |           |           |           |                    | Balances    |                |                        | Year |        |
|-------|--------------------|-----------|---------------|---------------|----------------|---------------------|-----------|-------------------------------------------|----------|-----------|------------------------------------|----------|-------------|-----------|-----------|-----------|--------------------|-------------|----------------|------------------------|------|--------|
|       |                    |           |               |               | Total Revenues | Actual Debt Service |           | G.O. Promissory Notes, 2013B<br>1,067,000 |          |           | GO Notes, Series 2024<br>6,360,000 |          |             |           |           |           | Total Expenditures |             |                |                        |      |        |
|       | Tax Increments     | Intergov. | Other Revenue | Debt Proceeds |                | Principal           | Interest  | Dated Date:                               | 11/12/13 | Principal | Rate                               | Interest | Dated Date: | 11/01/24  | Principal | Est. Rate |                    | Interest    | Capital Outlay | Other/TID 4<br>Sharing |      | Admin. |
| 2016  | 455,030            | 66,816    | 188,073       |               | 709,919        | 365,000             | 84,429    |                                           |          |           |                                    |          |             | 49,598    |           | 38,188    | 537,215            | 172,704     | 1,122,730      |                        |      | 2016   |
| 2017  | 394,084            | 40,221    | 491,714       |               | 926,019        | 110,000             | 81,400    |                                           |          |           |                                    |          |             | 60,773    |           | 28,502    | 280,675            | 645,344     | 1,768,074      |                        |      | 2017   |
| 2018  | 435,327            | 40,812    | 57,756        |               | 533,895        | 110,000             | 78,925    |                                           |          |           |                                    |          |             | 14,998    |           | 102,412   | 306,335            | 227,560     | 1,995,634      |                        |      | 2018   |
| 2019  | 523,316            | 44,825    | 50,397        |               | 618,538        | 110,000             | 76,318    |                                           |          |           |                                    |          |             | 170,313   |           | 87,621    | 444,252            | 174,286     | 2,169,920      |                        |      | 2019   |
| 2020  | 727,516            | 44,295    | 16,819        |               | 788,630        | 110,000             | 73,287    |                                           |          |           |                                    |          |             | 950,247   | 236,000   | 14,954    | 1,384,488          | (595,858)   | 1,574,062      |                        |      | 2020   |
| 2021  | 864,178            | 43,766    | 7,616         |               | 915,560        | 2,608,000           | 41,163    |                                           |          |           |                                    |          |             | 15,229    | 1,014,141 | 2,044     | 3,680,577          | (2,765,017) | (1,190,955)    |                        |      | 2021   |
| 2022  | 739,897            | 44,295    | 7,920         |               | 792,112        |                     |           | 187,000                                   | 3.25%    | 3,039     |                                    |          |             | 3,500     |           | 19,915    | 213,454            | 578,658     | (612,297)      |                        |      | 2022   |
| 2023  | 951,013            | 44,295    | 24,986        |               | 1,020,295      |                     |           |                                           |          |           |                                    |          |             |           |           | 33,448    | 33,448             | 986,847     | 374,550        |                        |      | 2023   |
| 2024  | 844,012            | 44,300    | 24,000        | 6,360,000     | 7,272,312      |                     |           |                                           |          |           |                                    |          |             | 6,408,123 | 0         | 294,699   | 6,702,823          | 569,490     | 944,039        | 6,360,000              |      | 2024   |
| 2025  | 844,012            |           |               |               | 844,012        |                     |           |                                           |          |           | 555,000                            | 3.56%    | 193,469     |           | 0         | 5,000     | 753,469            | 90,543      | 1,034,582      | 5,805,000              |      | 2025   |
| 2026  | 844,012            |           |               |               | 844,012        |                     |           |                                           |          |           | 560,000                            | 3.53%    | 191,523     |           | 36,691    | 5,000     | 793,214            | 50,799      | 1,085,380      | 5,245,000              |      | 2026   |
| 2027  | 844,012            |           |               |               | 844,012        |                     |           |                                           |          |           | 580,000                            | 3.48%    | 171,547     |           | 39,491    | 5,000     | 796,038            | 47,975      | 1,133,355      | 4,665,000              |      | 2027   |
| 2028  | 844,012            |           |               |               | 844,012        |                     |           |                                           |          |           | 600,000                            | 3.45%    | 151,105     |           | 38,891    | 5,000     | 794,996            | 49,017      | 1,182,372      | 4,065,000              |      | 2028   |
| 2029  | 844,012            |           |               |               | 844,012        |                     |           |                                           |          |           | 620,000                            | 3.45%    | 130,060     |           | 0         | 5,000     | 755,060            | 88,953      | 1,271,324      | 3,445,000              |      | 2029   |
| 2030  | 844,012            |           |               |               | 844,012        |                     |           |                                           |          |           | 640,000                            | 3.45%    | 108,325     |           | 0         | 5,000     | 753,325            | 90,688      | 1,362,012      | 2,805,000              |      | 2030   |
| 2031  | 844,012            |           |               |               | 844,012        |                     |           |                                           |          |           | 665,000                            | 3.45%    | 85,813      |           |           | 5,000     | 755,813            | 88,199      | 1,450,211      | 2,140,000              |      | 2031   |
| 2032  | 844,012            |           |               |               | 844,012        |                     |           |                                           |          |           | 690,000                            | 3.45%    | 62,440      |           |           | 5,000     | 757,440            | 86,573      | 1,536,784      | 1,450,000              |      | 2032   |
| 2033  | 844,012            |           |               |               | 844,012        |                     |           |                                           |          |           | 710,000                            | 3.47%    | 38,219      |           |           | 15,000    | 763,219            | 80,794      | 1,617,577      | 740,000                |      | 2033   |
| 2034  | 844,012            |           |               |               | 844,012        |                     |           |                                           |          |           | 740,000                            | 3.50%    | 12,950      |           |           |           | 752,950            | 91,062      | 1,708,639      | 0                      |      | 2034   |
| Total | 15,614,588         | 760,278   | 6,546,469     | 15,273,000    | 38,194,335     | 16,044,287          | 2,211,137 | 187,000                                   |          | 3,039     | 6,360,000                          |          | 1,145,448   | 9,313,252 | 1,365,214 | 855,738   | 37,485,116         |             |                |                        |      | Total  |

Notes:

Years prior to 2016 hidden for depiction purposes.  
Option 2 Capital Projects from Village staff 1/3/24 email to Ehlers.  
Debt Proceeds includes 4% Costs of Issuance.

Projected TID Closure



2024 TID #2 Amendment

# MOVING FORWARD

TAX INCREMENTAL DISTRICT NO. 2  
PROJECT PLAN AMENDMENT IN ORDER TO AMEND THE PROJECTS & C  
VILLAGE OF KRONENWETTER, WISCONSIN

Section 5, Item D.

*Proposed Timetable - 7/1/24*

*RDA meets: Third Monday's  
Village Board meets: Second Monday's*

*Official Village Newspaper is: Wausau Dailey Herald & publishes Su - Fr, with a deadline of at least 3 days prior. The Village must request the publication themselves on the Newspaper On-Line Portal*

| ACTION DATE                                                  | STEP                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| June                                                         | «Village» will provide Ehlers with the maps, list of projects and costs, etc.                                                                                                                                                                                                                                                                                           |
|                                                              | Ehlers will prepare & provide the «Village» with a feasibility analysis report, options, and/or draft project plan document.                                                                                                                                                                                                                                            |
|                                                              | «RDA» makes a motion to call for a public hearing (optional)                                                                                                                                                                                                                                                                                                            |
| Sept. 4                                                      | Village will e-mail a Notice to Official Village Newspaper of organizational JRB meeting & public hearing. (cc: Ehlers). Ehlers will provide the Village with the legal notice to use.                                                                                                                                                                                  |
|                                                              | Ehlers will e-mail & mail notification letters, along with required enclosures, to overlapping taxing jurisdictions of JRB organizational meeting & public hearing, as well as the agenda - to be posted by the «Village». (cc: «Village» & attorney) (Letters must be postmarked prior to first publication).                                                          |
| Sept.                                                        | Ehlers will provide «Village», overlapping taxing entities, and/or «Village» Attorney with [revised] draft Project Plan document, if not yet provided and/or necessary, as well as agenda language («Village» to post) & resolution («Village» to distribute) for first meetings, and will also request legal opinion of the plan.                                      |
| Sept. 9                                                      | Publication of Public Hearing & JRB Meeting Notice (At least 7 days prior to public hearing & at least 5 days prior to JRB meeting)                                                                                                                                                                                                                                     |
| Sept. 16 @ 5                                                 | Joint Review Board meets to review plan, appoint chairperson and public member and set next meeting date. (Prior to public hearing & within 14 days of the public hearing notice publication)                                                                                                                                                                           |
| Sept. 16 @ 6                                                 | «RDA» Public Hearing on Project Plan and District amendment. (Within 14 days of publication)                                                                                                                                                                                                                                                                            |
|                                                              | «RDA» reviews Project Plan & approval of District Project Plan amendment.                                                                                                                                                                                                                                                                                               |
| Sept.                                                        | Ehlers will provide «Village» & «Village» Attorney with revised draft Project Plan, if necessary, as well as agenda language («Village» to post) & resolution («Village» to distribute) for «Village Board» meeting. Also request legal opinion from «Village» Attorney approving the Project Plan (to be inserted into the plan prior to the «Village Board» meeting). |
| Oct. 8                                                       | «Village Board» reviews Project Plan & adopts resolution approving District Project Plan amendment.                                                                                                                                                                                                                                                                     |
| Oct. 15                                                      | Village will e-mail a Class 1 Notice to Official Village Newspaper of JRB meeting. (cc: Ehlers) Ehlers will provide the Village with the legal notice language.                                                                                                                                                                                                         |
|                                                              | Ehlers will mail notices & required attachments to JRB of the final meeting, along with the Agenda («Village» to post). (cc: «Village» & Attorney) (Letters/documents are not required to be sent prior to the meeting).                                                                                                                                                |
| Oct. 11                                                      | Publication of JRB Meeting Notice (At least 5 days prior to meeting)                                                                                                                                                                                                                                                                                                    |
| Oct. 16 - 25                                                 | Joint Review Board meets to consider approval of District Project Plan amendment. (Within 45 days of notification of meeting / receipt of «RDA» & «Village Board» resolutions)                                                                                                                                                                                          |
| Must be filed prior to 11/3/24 (max expenditure period date) | Ehlers will submit all required documents to the DOR, within 60 days of JRB approval, no later than 12/31.                                                                                                                                                                                                                                                              |



# Your Presenter

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Section 5, Item D.



**Brian Roemer**  
Senior Municipal Advisor  
[broemer@ehlers-inc.com](mailto:broemer@ehlers-inc.com)  
262-796-6178

# Important Disclosures

Section 5, Item D.

Ehlers is the joint marketing name of the following affiliated businesses (collectively, the “Affiliates”): Ehlers & Associates, Inc. (“EA”), a municipal advisor registered with the Municipal Securities Rulemaking Board (“MSRB”) and the Securities and Exchange Commission (“SEC”); Ehlers Investment Partners, LLC (“EIP”), an SEC registered investment adviser; and Bond Trust Services Corporation (“BTS”), a holder of a limited banking charter issued by the State of Minnesota.

Where an activity requires registration as a municipal advisor pursuant to Section 15B of the Exchange Act of 1934 (Financial Management Planning and Debt Issuance & Management), such activity is or will be performed by EA; where an activity requires registration as an investment adviser pursuant to the Investment Advisers Act of 1940 (Investments and Treasury Management), such activity is or will be performed by EIP; and where an activity requires licensing as a bank pursuant to applicable state law (paying agent services shown under Debt Issuance & Management), such activity is or will be performed by BTS. Activities not requiring registration may be performed by any Affiliate.

This communication does not constitute an offer or solicitation for the purchase or sale of any investment (including without limitation, any municipal financial product, municipal security, or other security) or agreement with respect to any investment strategy or program. This communication is offered without charge to clients, friends, and prospective clients of the Affiliates as a source of general information about the services Ehlers provides. This communication is neither advice nor a recommendation by any Affiliate to any person with respect to any municipal financial product, municipal security, or other security, as such terms are defined pursuant to Section 15B of the Exchange Act of 1934 and rules of the MSRB. This communication does not constitute investment advice by any Affiliate that purports to meet the objectives or needs of any person pursuant to the Investment Advisers Act of 1940 or applicable state law.

August 1, 2024

2024 PRELIMINARY FINANCING PLAN:

# Village of Kronenwetter, WI

## 2024 Street and Sewerage System Projects



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Prepared by:

Ehlers  
N19W24400 Riverwood Drive,  
Suite 100  
Waukesha, WI 53188

Advisors:

Brian Roemer  
*Senior Municipal Advisor*  
Ariana Schmidt  
*Financial Specialist*

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**BUILDING COMMUNITIES. IT'S WHAT WE DO.**

## Table 1 Existing G.O. Debt Base Case

*Village of Kronenwetter, WI*

| Year Ending | Existing Debt            |              |              |                           |                                    |                           |                      |                             | Year Ending |
|-------------|--------------------------|--------------|--------------|---------------------------|------------------------------------|---------------------------|----------------------|-----------------------------|-------------|
|             | Total G.O. Debt Payments | Less: TID #4 | Less: TID #1 | Net Debt Service Tax Levy | Change from prior year DS tax levy | Equalized Value (TID OUT) | Tax Rate Per \$1,000 | Annual Taxes \$325,000 Home |             |
| 2023        | 1,173,725                | (197,600)    | (257,850)    | 700,000                   |                                    | 727,900,700               | \$0.96               | \$312.54                    | 2023        |
| 2024        | 1,196,028                | (201,200)    | (262,400)    | 732,428                   | 32,428                             | 808,175,800               | \$0.91               | \$294.54                    | 2024        |
| 2025        | 1,192,953                | (199,500)    | (256,700)    | 736,753                   | 4,325                              | 843,939,433               | \$0.87               | \$283.72                    | 2025        |
| 2026        | 1,193,653                | (197,600)    | (261,050)    | 735,003                   | (1,750)                            | 881,285,688               | \$0.83               | \$271.05                    | 2026        |
| 2027        | 1,173,428                | (200,400)    | (260,050)    | 712,978                   | (22,025)                           | 920,284,601               | \$0.77               | \$251.79                    | 2027        |
| 2028        | 1,149,703                | (199,800)    | (258,900)    | 691,003                   | (21,975)                           | 961,009,305               | \$0.72               | \$233.69                    | 2028        |
| 2029        | 553,478                  | (200,950)    | (262,500)    | 90,028                    | (600,975)                          | 1,003,536,170             | \$0.09               | \$29.16                     | 2029        |
| 2030        | 399,428                  | (202,000)    | 0            | 197,428                   | 107,400                            | 1,047,944,947             | \$0.19               | \$61.23                     | 2030        |
| 2031        | 198,728                  | 0            | 0            | 198,728                   | 1,300                              | 1,094,318,915             | \$0.18               | \$59.02                     | 2031        |
| 2032        | 194,928                  |              |              | 194,928                   | (3,800)                            | 1,142,745,036             | \$0.17               | \$55.44                     | 2032        |
| 2033        | 196,028                  |              |              | 196,028                   | 1,100                              | 1,193,314,125             | \$0.16               | \$53.39                     | 2033        |
| 2034        | 102,000                  |              |              | 102,000                   | (94,028)                           | 1,246,121,011             | \$0.08               | \$26.60                     | 2034        |
| 2035        | 0                        |              |              | 0                         | (102,000)                          | 1,301,264,724             | \$0.00               | \$0.00                      | 2035        |
| Total       | 7,550,353                | (1,401,450)  | (1,561,600)  | 4,587,303                 |                                    |                           |                      |                             | Total       |

### Notes:

### Legend:

Represents +/- 25% Change over previous year

## Table 2

### Capital Improvement Plan & Funding Uses

*Village of Kronenwetter, WI*

| Projects                       | Purpose/Dept. | Plan Issue      | Funding   | 2024             | Totals           |
|--------------------------------|---------------|-----------------|-----------|------------------|------------------|
| Lift Station and Force Main    | TID 2         | 2024 G.O. Notes | G.O. Debt | 1,857,599        | 1,857,599        |
| Kronenwetter Drive TID 2       | TID 2         | 2024 G.O. Notes | G.O. Debt | 2,300,000        | 2,300,000        |
| Local Roads Phase I            | TID 2         | 2024 G.O. Notes | G.O. Debt | 2,100,000        | 2,100,000        |
| Kronenwetter Drive North Phase | Levy          | 2024 G.O. Notes | G.O. Debt | 2,000,000        | 2,000,000        |
| <b>Actual CIP Costs</b>        |               |                 |           | <b>8,257,599</b> | <b>8,257,599</b> |

| <b>Sources of Funding</b> |  |  |  |                  |                  |
|---------------------------|--|--|--|------------------|------------------|
| G.O. Debt                 |  |  |  | 8,257,599        | 8,257,599        |
| Revenue Debt              |  |  |  | 0                | 0                |
| Grants/Aids               |  |  |  | 0                | 0                |
| Cash                      |  |  |  | 0                | 0                |
| <b>Total</b>              |  |  |  | <b>8,257,599</b> | <b>8,257,599</b> |

| <b>Debt Obligations</b> |  |  |  |                  |                  |
|-------------------------|--|--|--|------------------|------------------|
| 2024 G.O. Notes         |  |  |  | 8,257,599        | 8,257,599        |
| <b>Total</b>            |  |  |  | <b>8,257,599</b> | <b>8,257,599</b> |

Notes:

## Table 3

### Capital Improvements Financing Plan

*Village of Kronenwetter, WI*

|                                    | 2024             |                  |                  |
|------------------------------------|------------------|------------------|------------------|
|                                    | G.O. Notes       | TID 2 Portion    | Levy Portion     |
| <b>CIP Projects<sup>1</sup></b>    |                  |                  |                  |
| Lift Station and Force Main        | 1,857,599        | 1,857,599        |                  |
| Kronenwetter Drive TID 2           | 2,300,000        | 2,300,000        |                  |
| Local Roads Phase I                | 2,100,000        | 2,100,000        |                  |
| Kronenwetter Drive North Phase     | 2,000,000        |                  | 2,000,000        |
| <b>Subtotal Project Costs</b>      | <b>8,257,599</b> | <b>6,257,599</b> | <b>2,000,000</b> |
| <b>CIP Projects<sup>1</sup></b>    | <b>8,257,599</b> | <b>6,257,599</b> | <b>2,000,000</b> |
| <b>Estimated Issuance Expenses</b> | <b>198,688</b>   | <b>150,524</b>   | <b>48,163</b>    |
| Municipal Advisor (Ehlers)         | 47,900           | 36,289           | 11,611           |
| Bond Counsel                       | 25,000           | 18,940           | 6,060            |
| Rating Fee                         | 20,000           | 15,152           | 4,848            |
| Maximum Underwriter's Discount     | 12.50 104,938    | 79,500           | 25,438           |
| Paying Agent                       | 850              | 644              | 206              |
| <b>Subtotal Issuance Expenses</b>  | <b>198,688</b>   | <b>150,524</b>   | <b>48,163</b>    |
| <b>TOTAL TO BE FINANCED</b>        | <b>8,456,287</b> | <b>6,408,123</b> | <b>2,048,163</b> |
| Estimated Interest Earnings        | 3.00% (61,932)   | (46,932)         | (15,000)         |
| Assumed spend down (months)        | 3.00             |                  |                  |
| Rounding                           | 645              | (1,191)          | 1,837            |
| <b>NET BOND SIZE</b>               | <b>8,395,000</b> | <b>6,360,000</b> | <b>2,035,000</b> |

**Notes:**

1) Project Total Estimates furnished from Village.

## Table 4

### Allocation of Debt Service - 2024 G.O. Notes

*Village of Kronenwetter, WI*

| Year<br>Ending | TID 2 Portion |                        |           |           | Levy Portion |           |          |           |
|----------------|---------------|------------------------|-----------|-----------|--------------|-----------|----------|-----------|
|                | Principal     | Est. Rate <sup>1</sup> | Interest  | Total     | Principal    | Est. Rate | Interest | Total     |
| 2024           |               |                        |           | 0         |              |           |          | 0         |
| 2025           | 555,000       | 3.56%                  | 193,469   | 748,469   | 0            | 3.56%     | 65,164   | 65,164    |
| 2026           | 560,000       | 3.53%                  | 191,523   | 751,523   | 0            | 3.53%     | 70,874   | 70,874    |
| 2027           | 580,000       | 3.48%                  | 171,547   | 751,547   | 20,000       | 3.48%     | 70,526   | 90,526    |
| 2028           | 600,000       | 3.45%                  | 151,105   | 751,105   | 40,000       | 3.45%     | 69,488   | 109,488   |
| 2029           | 620,000       | 3.45%                  | 130,060   | 750,060   | 440,000      | 3.45%     | 61,208   | 501,208   |
| 2030           | 640,000       | 3.45%                  | 108,325   | 748,325   | 345,000      | 3.45%     | 47,666   | 392,666   |
| 2031           | 665,000       | 3.45%                  | 85,813    | 750,813   | 355,000      | 3.45%     | 35,591   | 390,591   |
| 2032           | 690,000       | 3.45%                  | 62,440    | 752,440   | 270,000      | 3.45%     | 24,810   | 294,810   |
| 2033           | 710,000       | 3.47%                  | 38,219    | 748,219   | 175,000      | 3.47%     | 17,116   | 192,116   |
| 2034           | 740,000       | 3.50%                  | 12,950    | 752,950   | 175,000      | 3.50%     | 11,018   | 186,018   |
| 2035           | 0             | 3.70%                  | 0         | 0         | 215,000      | 3.70%     | 3,978    | 218,978   |
| 2036           | 0             | 3.70%                  | 0         | 0         | 0            | 3.70%     | 0        | 0         |
| 2037           | 0             | 3.90%                  | 0         | 0         | 0            | 3.90%     | 0        | 0         |
| 2038           | 0             | 3.90%                  | 0         | 0         | 0            | 3.90%     | 0        | 0         |
| 2039           | 0             | 4.10%                  | 0         | 0         | 0            | 4.10%     | 0        | 0         |
| 2040           | 0             | 4.10%                  | 0         | 0         | 0            | 4.10%     | 0        | 0         |
| 2041           | 0             | 4.25%                  | 0         | 0         | 0            | 4.25%     | 0        | 0         |
| 2042           | 0             | 4.25%                  | 0         | 0         | 0            | 4.25%     | 0        | 0         |
| 2043           | 0             | 4.35%                  | 0         | 0         | 0            | 4.35%     | 0        | 0         |
| 2044           | 0             | 4.35%                  | 0         | 0         | 0            | 4.35%     | 0        | 0         |
| Total          | 6,360,000     |                        | 1,145,448 | 7,505,448 | 2,035,000    |           | 477,437  | 2,512,437 |

| Year<br>Ending | Totals          |           |            |
|----------------|-----------------|-----------|------------|
|                | Principal (4/1) | Interest  | Total      |
| 2024           | 0               | 0         | 0          |
| 2025           | 555,000         | 258,634   | 813,634    |
| 2026           | 560,000         | 262,396   | 822,396    |
| 2027           | 600,000         | 242,072   | 842,072    |
| 2028           | 640,000         | 220,592   | 860,592    |
| 2029           | 1,060,000       | 191,267   | 1,251,267  |
| 2030           | 985,000         | 155,991   | 1,140,991  |
| 2031           | 1,020,000       | 121,405   | 1,141,405  |
| 2032           | 960,000         | 87,250    | 1,047,250  |
| 2033           | 885,000         | 55,335    | 940,335    |
| 2034           | 915,000         | 23,968    | 938,968    |
| 2035           | 215,000         | 3,978     | 218,978    |
| 2036           | 0               | 0         | 0          |
| 2037           | 0               | 0         | 0          |
| 2038           | 0               | 0         | 0          |
| 2039           | 0               | 0         | 0          |
| 2040           | 0               | 0         | 0          |
| 2041           | 0               | 0         | 0          |
| 2042           | 0               | 0         | 0          |
| 2043           | 0               | 0         | 0          |
| 2044           | 0               | 0         | 0          |
| Total          | 8,395,000       | 1,622,885 | 10,017,885 |

**Notes:**

1) Estimated Rate assumes AA- sale of 7/23/24 + .35

## Table 5 Financing Plan Tax Impact

Village of Kronenwetter, WI

| Year<br>Ending | Existing Debt               |                                   |                              |                         |                                   | Proposed Debt                                                                   |                                  |                                   |                                   |                                       |                                   |                                             | Year<br>Ending |
|----------------|-----------------------------|-----------------------------------|------------------------------|-------------------------|-----------------------------------|---------------------------------------------------------------------------------|----------------------------------|-----------------------------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------------|----------------|
|                | Net Debt<br>Service<br>Levy | Change<br>From Prior<br>Year Levy | Equalized Value<br>(TID OUT) | Tax Rate<br>Per \$1,000 | Annual Taxes<br>\$325,000<br>Home | 2024 G.O. Notes<br>8,395,000<br>Dated: 10/30/2024<br>Total Prin. (4/1) and Int. | Abatements<br><br>Less:<br>TID 2 | Debt Service Levy                 |                                   | Taxes                                 |                                   |                                             |                |
|                |                             |                                   |                              |                         |                                   |                                                                                 |                                  | Total<br>Net Debt<br>Service Levy | Levy Change<br>from Prior<br>Year | Total Tax<br>Rate for<br>Debt Service | Annual Taxes<br>\$325,000<br>Home | Annual Taxes<br>Difference<br>From Existing |                |
| 2024           | 732,428                     |                                   | 808,175,800                  | \$0.91                  | \$295                             | 0                                                                               | 0                                | 732,428                           |                                   | \$0.91                                | \$295                             | \$0                                         | 2024           |
| 2025           | 736,753                     | 4,325                             | 843,939,433                  | \$0.87                  | \$284                             | 813,634                                                                         | (748,469)                        | 801,917                           | 69,489                            | \$0.95                                | \$309                             | \$25                                        | 2025           |
| 2026           | 735,003                     | (1,750)                           | 881,285,688                  | \$0.83                  | \$271                             | 822,396                                                                         | (751,523)                        | 805,876                           | 3,959                             | \$0.91                                | \$297                             | \$26                                        | 2026           |
| 2027           | 712,978                     | (22,025)                          | 920,284,601                  | \$0.77                  | \$252                             | 842,072                                                                         | (751,547)                        | 803,503                           | (2,373)                           | \$0.87                                | \$284                             | \$32                                        | 2027           |
| 2028           | 691,003                     | (21,975)                          | 961,009,305                  | \$0.72                  | \$234                             | 860,592                                                                         | (751,105)                        | 800,490                           | (3,013)                           | \$0.83                                | \$271                             | \$37                                        | 2028           |
| 2029           | 90,028                      | (600,975)                         | 1,003,536,170                | \$0.09                  | \$29                              | 1,251,267                                                                       | (750,060)                        | 591,235                           | (209,255)                         | \$0.59                                | \$191                             | \$162                                       | 2029           |
| 2030           | 197,428                     | 107,400                           | 1,047,944,947                | \$0.19                  | \$61                              | 1,140,991                                                                       | (748,325)                        | 590,094                           | (1,141)                           | \$0.56                                | \$183                             | \$122                                       | 2030           |
| 2031           | 198,728                     | 1,300                             | 1,094,318,915                | \$0.18                  | \$59                              | 1,141,405                                                                       | (750,813)                        | 589,319                           | (775)                             | \$0.54                                | \$175                             | \$116                                       | 2031           |
| 2032           | 194,928                     | (3,800)                           | 1,142,745,036                | \$0.17                  | \$55                              | 1,047,250                                                                       | (752,440)                        | 489,738                           | (99,581)                          | \$0.43                                | \$139                             | \$84                                        | 2032           |
| 2033           | 196,028                     | 1,100                             | 1,193,314,125                | \$0.16                  | \$53                              | 940,335                                                                         | (748,219)                        | 388,144                           | (101,594)                         | \$0.33                                | \$106                             | \$52                                        | 2033           |
| 2034           | 102,000                     | (94,028)                          | 1,246,121,011                | \$0.08                  | \$27                              | 938,968                                                                         | (752,950)                        | 288,018                           | (100,127)                         | \$0.23                                | \$75                              | \$49                                        | 2034           |
| 2035           | 0                           | (102,000)                         | 1,301,264,724                | \$0.00                  | \$0                               | 218,978                                                                         | 0                                | 218,978                           | (69,040)                          | \$0.17                                | \$55                              | \$55                                        | 2035           |
| 2036           | 0                           | 0                                 | 1,358,848,672                | \$0.00                  | \$0                               | 0                                                                               | 0                                | 0                                 | (218,978)                         | \$0.00                                | \$0                               | \$0                                         | 2036           |
| 2037           | 0                           | 0                                 | 1,418,980,842                | \$0.00                  | \$0                               | 0                                                                               | 0                                | 0                                 | 0                                 | \$0.00                                | \$0                               | \$0                                         | 2037           |
| 2038           | 0                           | 0                                 | 1,481,773,999                | \$0.00                  | \$0                               | 0                                                                               | 0                                | 0                                 | 0                                 | \$0.00                                | \$0                               | \$0                                         | 2038           |
| 2039           | 0                           | 0                                 | 1,547,345,896                | \$0.00                  | \$0                               | 0                                                                               | 0                                | 0                                 | 0                                 | \$0.00                                | \$0                               | \$0                                         | 2039           |
| Total          | 4,587,303                   |                                   |                              |                         |                                   | 10,017,885                                                                      | (7,505,448)                      |                                   |                                   |                                       |                                   | \$759.70                                    | Total          |

### Notes:

1) Projected TID OUT EV based on 1/1/2023 actual plus discounted 5-year average (or 4.43% annual inflation).

**Total Cost of new financing to sample taxpayer over 11 years**

## Table 6

### General Obligation Debt Capacity Analysis - Impact of Financing Plan

*Village of Kronenwetter, WI*

| Existing Debt |                                                 |                         |                                |            | Proposed Debt   |                                        |            |                   |             |
|---------------|-------------------------------------------------|-------------------------|--------------------------------|------------|-----------------|----------------------------------------|------------|-------------------|-------------|
| Year Ending   | Projected Equalized Value (TID IN) <sup>1</sup> | Debt Limit <sup>2</sup> | Existing Principal Outstanding | % of Limit | 2024 G.O. Notes | Combined Principal Existing & Proposed | % of Limit | Residual Capacity | Year Ending |
| 2023          | 895,765,200                                     | 44,788,260              | 6,712,208                      | 15%        |                 | \$6,712,208                            | 15%        | \$38,076,052      | 2023        |
| 2024          | 964,532,600                                     | 48,226,630              | 5,731,108                      | 12%        | 8,395,000       | \$14,126,108                           | 29%        | \$34,100,522      | 2024        |
| 2025          | 1,008,646,443                                   | 50,432,322              | 4,717,595                      | 9%         | 7,840,000       | \$12,557,595                           | 25%        | \$37,874,728      | 2025        |
| 2026          | 1,054,777,875                                   | 52,738,894              | 3,666,506                      | 7%         | 7,280,000       | \$10,946,506                           | 21%        | \$41,792,388      | 2026        |
| 2027          | 1,103,019,174                                   | 55,150,959              | 2,597,814                      | 5%         | 6,680,000       | \$9,277,814                            | 17%        | \$45,873,145      | 2027        |
| 2028          | 1,153,466,836                                   | 57,673,342              | 1,516,415                      | 3%         | 6,040,000       | \$7,556,415                            | 13%        | \$50,116,927      | 2028        |
| 2029          | 1,206,221,770                                   | 60,311,089              | 1,007,246                      | 2%         | 4,980,000       | \$5,987,246                            | 10%        | \$54,323,843      | 2029        |
| 2030          | 1,261,389,504                                   | 63,069,475              | 640,112                        | 1%         | 3,995,000       | \$4,635,112                            | 7%         | \$58,434,363      | 2030        |
| 2031          | 1,319,080,388                                   | 65,954,019              | 464,938                        | 1%         | 2,975,000       | \$3,439,938                            | 5%         | \$62,514,081      | 2031        |
| 2032          | 1,379,409,820                                   | 68,970,491              | 286,606                        | 0%         | 2,015,000       | \$2,301,606                            | 3%         | \$66,668,885      | 2032        |
| 2033          | 1,442,498,479                                   | 72,124,924              | 100,000                        | 0%         | 1,130,000       | \$1,230,000                            | 2%         | \$70,894,924      | 2033        |
| 2034          | 1,508,472,559                                   | 75,423,628              | 0                              | 0%         | 215,000         | \$215,000                              | 0%         | \$75,208,628      | 2034        |
| 2035          | 1,577,464,028                                   | 78,873,201              |                                | 0%         | 0               | \$0                                    | 0%         | \$78,873,201      | 2035        |
| 2036          | 1,649,610,890                                   | 82,480,544              |                                | 0%         | 0               | \$0                                    | 0%         | \$82,480,544      | 2036        |
| 2037          | 1,725,057,459                                   | 86,252,873              |                                | 0%         | 0               | \$0                                    | 0%         | \$86,252,873      | 2037        |

#### Notes:

- 1) Projected TID IN EV based on 1/1/2024 actual plus discounted 5-year average (or 4.57% annual inflation).
- 2) All municipalities are limited to 5% of TOTAL Equalized Value in G.O. Principal Outstanding. Test applied at time of financing.



# **(REVISED) REDEVELOPMENT AUTHORITY MEETING MINUTES**

**July 11, 2024 at 5:15 PM**

**Kronenwetter Municipal Center - 1582 Kronenwetter Drive Board Room (Lower Level)**

---

**1. CALL MEETING TO ORDER**

@5:15PM

A. Pledge of Allegiance

B. Roll Call

PRESENT

Village President Chris Voll @ 5:36PM

Trustee Chris Eiden

Pat Kilsdonk

Randy Fifrick

Lane Loveland

ABSENT

Terry Radtke

Lee Pastika

**2. ANNOUNCEMENT OF CLOSED SESSION**

**3. PUBLIC COMMENT**

Please be advised per State Statute Section 19.84(2), information will be received from the public. It is the policy of this Village that Public Comment will take no longer than 15 minutes with a three-minute time period, per person, with time extension per the Chief Presiding Officer's discretion. Be further advised that there may be limited discussion on the information received, however, no action will be taken under public comments.

No Public Comment

**4. APPROVAL OF MEETING MINUTES**

C. May 9, 2024, Meeting minutes

Motion made by Fifrick, Seconded by Kilsdonk.

Voting Yea: Village President Voll, Trustee Eiden, Kilsdonk, Fifrick, Loveland

**5. REPORTS FROM STAFF AND VENDORS**

D. Treasurer's Report

Eiden questioned the negative balance.

**6. NEW BUSINESS**

E. Discussion & Possible Action: Increase of Committee Member Compensation

Committee discussion on member compensation to \$40.00 per meeting.

Motion made by Kilsdonk, Seconded by Fifrick.  
Voting Yea: Trustee Eiden, Kilsdonk, Fifrick, Loveland

- F. Discussion & Possible Action: Ehlers TID2 Project Plan Amendment #4  
Possible joint meeting with VB to update on project plan amendments from Ehlers. No Action taken.
- G. Discussion & Possible Action: Review Approved Budget Amendment #5  
Review options for budget amendment. Committee agreed on option 1 (Land Account)  
Motion made by Kilsdonk.  
Voting Yea: Village President Voll, Trustee Eiden, Kilsdonk, Fifrick, Loveland
- H. Discussion: RPS Update  
Concerns were brought up on Wedgewood, but the cost is high. Committee wants to make sure that Kronenwetter drive has the ability to handle large trucks. Also, that the TID covers the cost to the correct area.

## 7. OLD BUSINESS

- 8. **CONSIDERATION OF MOTION TO CONVENE INTO CLOSED SESSION PURSUANT TO WIS. STAT. 19.85(1)(G); CONFERRING WITH LEGAL COUNSEL FOR THE GOVERNMENTAL BODY WHO IS RENDERING ORAL OR WRITTEN ADVICE CONCERNING STRATEGY TO BE ADOPTED BY THE BODY WITH RESPECT TO LITIGATION IN WHICH IT IS OR IS LIKELY TO BECOME INVOLVED. - TO WIT LEASE AND DEVELOPEMENT AGREEMENT FOR POLZER HOLDINGS, LLC.**

**CONSIDERATION OF MOTION TO CONVENE INTO CLOSED SESSION PURSUANT TO WIS. STAT. 19.85(1)(e) DELIBERATING OR NEGOTATING THE PURCHASING OF PUBLIC PROPERTIES, THE INVESTING OF PUBLIC FUNDS, OR CONDUCTING OTHER SPECIFIED PUBLIC BUSINESS, WHENEVER COMPETITIVE OR BARGAINING REASONS REQUIRE A CLOSED SESSION.** Purchase of the Joe Swiderski Jr owned parcel on Indianhead (145-2707-281-0998)

Closed session is cancelled due to the update to the agenda not allowing for a 24-hour time period.

## 9. RECONVENE INTO OPEN SESSION

## 10. ACTION AFTER CLOSED SESSION

- I. Discussion and Possible Action - TID #4 Lease and Development Agreement for POLZER HOLDING, LLC.  
No Action.
- J. Discussion & Possible Action - Purchase of the Joe Swiderski Jr owned parcel on Indianhead (145-2707-281-0998)  
No Action

## 11. CONSIDERATION OF ITEMS FOR FUTURE AGENDA

Closed Session

RPS-Robert Roth to speak to committee.

## 12. ADJOURNMENT

@6:03PM

Motion made by Village President Voll, Seconded by Fifrick.

Voting Yea: Village President Voll, Trustee Eiden, Kilsdonk, Fifrick, Loveland

***NOTE: Requests from persons with disabilities who need assistance to participate in this meeting or hearing should be made at least 24 hours in advance to the Village Clerk's office at (715) 693-4200 during business hours.***

**Posted: 07/11/2023 Kronenwetter Municipal Center and [www.kronenwetter.org](http://www.kronenwetter.org)**

**Faxed: WAOW, WSAU, City Pages, Mosinee Times | Emailed: Wausau Daily Herald, WSAW, WAOW, Mosinee Times, Wausau Pilot and Review, City Pages**