Agenda HISTORIC DISTRICT COMMISSION

Regular meeting 6:30 p.m. September 3, 2025 Board Meeting Room of Town Hall Annex, 105 E. Corbin St.

Public charge: The Hillsborough Historic District Commission pledges to the community of Hillsborough its respect. The commission asks members of the public to conduct themselves in a respectful, courteous manner with the commission members and with fellow community members. At any



time should any member of the commission or community fail to observe this public charge, the chair or the chair's designee will ask the offending person to leave the meeting until that individual regains personal control. Should decorum fail to be restored, the chair or the chair's designee will recess the meeting until such time that a genuine commitment to this public charge can be observed.

Public comment guidelines: All meetings shall be open to the public. The public may attend, but public comment shall be limited to those members of the public who have expert testimony or factual evidence directly related to an application on the agenda. Other public comments are permissible at the discretion of the Chair but shall not be used to render the Commission's decision on an agenda item. At the discretion of the Chair, a time limit may be placed on speakers other than the applicant to afford each citizen an equitable opportunity to speak in favor of, or in opposition to, an application.

1. Call to order, roll call, and confirmation of quorum

2. Commission's mission statement

To identify, protect, and preserve Hillsborough's architectural resources and to educate the public about those resources and preservation in general. The Hillsborough Historic District presents a visual history of Hillsborough's development from the 1700s to the 1960s. In 1973, the town chose to respect that history through the passage of the preservation ordinance creating the historic district.

3. Agenda changes

4. Minutes review and approval

Approve minutes from regular meeting on August 6, 2025

5. Written decision review and approval

Approve written decision from regular meeting on August 6, 2025

6. Old business

A. Certificate of Appropriateness Application: **311 W. Orange St.** - New construction house (PIN 9864883297)

7. New business

A. Certificate of Appropriateness Application: **208 S. Cameron St.** - West-facing addition in existing courtyard area (PIN 9874153612)

8. General updates

9. Adjournment

Interpreter services or special sound equipment for compliance with the American with Disabilities Act is available on request. If you are disabled and need assistance with reasonable accommodations, call the Town Clerk's Office at 919-296-9443 a minimum of one business day in advance of the meeting.

Minutes

HISTORIC DISTRICT COMMISSION

Regular meeting

6:30 p.m. Aug. 6, 2025

Board Meeting Room of Town Hall Annex, 105 E. Corbin St.

Present: Chair Will Senner and members G. Miller, Sara Riek, Bill Warren

and Daniel Widis

Absent: Vice Chair Hannah Peele

Staff: Planner Joseph Hoffheimer and Town Attorney Bob Hornik

1. Call to order, roll call, and confirmation of quorum

Chair Will Senner called the meeting to order at 6:30 p.m. He called the roll and confirmed the presence of a quorum.

2. Commission's mission statement

Senner read the statement.

3. Agenda changes

There were no changes to the agenda.

4. Minutes review and approval

Minutes from special meeting on July 16, 2025.

Motion: Member G. Miller moved to approve the minutes from the special meeting on July 16, 2025, as

submitted. Member Sara Riek seconded.

Vote: 5-0.

5. Written decision review and approval

Written decision from special meeting on July 16, 2025.

Motion: Miller moved to approve the written decision from the special meeting on July 16, 2025, as

submitted. Riek seconded.

Vote: 5-0.

6. New business

A. Certificate of Appropriateness Application: 326 N. Cameron St.

Add rear second story shed dormer and replace greenhouse with screened porch (PIN 9874185204).

Senner opened the public hearing. He asked if there were any conflicts of interest or bias among the commissioners. None were disclosed. All commissioners disclosed that they had visited the site in preparation for reviewing the application.

Planner Joseph Hoffheimer was sworn in. David Cates was sworn in to speak on behalf of the application.



Hoffheimer introduced the application by presenting the staff report. He noted that the inventory information, application materials, and applicable design standards would be entered into the record as evidence. He provided the staff comments:

- The greenhouse proposed to be replaced dates to 2010 and is not historic.
- The interior brick chimney proposed to be removed is likely historic. The commission has recently allowed the removal of similar brick chimneys in two other locations.
- No standards directly address skylight removal, but the Roofs and Sustainability and Energy Retrofit standards encourage installing new skylights on non-character-defining elevations. They are not typically encouraged on street-facing elevations.
- The Porches, Entrances, and Balconies standards do not directly address the construction of new porches, so staff encourage using the Additions to Residential Buildings standards for the proposed screened porch.

The commissioners expressed appreciation for the thorough application. They reviewed the front elevation. The skylight and chimney removal were discussed. Both were determined to be not character-defining elements. The chimney was observed to be a secondary chimney, and less character-defining than the chimney on the side of the house. Cates explained that the chimney is not currently in use and is very similar to other chimneys the commission has approved removal of.

Cates confirmed the side porch will be sited on the same footprint as the greenhouse. He clarified that the columns on the side porch will be wood. He also clarified that the doors drawn on the front of the side porch are screen doors toward the back of the porch as the viewer looks through it.

The commissioners reviewed the left elevation. Cates said the ceiling inside the dormer is just barely measuring seven feet high, which is why the pitch of the dormer roof is shallow. He said a similarly shallow rear porch roof on East Queen Street was approved by the commission, and that the shelter over the top of Paynter Law office also has a low pitch. It was observed that the pitch seems similar to the 216 S. Occoneechee St. example provided. It was noted that the property in question is a corner lot, so it is more visible from the street. The commissioners agreed that the proposed slope and ridgeline could be viewed as sub-optimal in relation to the design standards and the character of the district, but not necessarily incongruous. Cates referred to the rear box addition at the corner of West Tryon Street and Wake Street, which also has a roof with a low pitch.

There was discussion of the ridgeline of the addition meeting the existing ridgeline of the house. There was discussion of the difference in application of the design standards between a gabled ridgeline on an addition and a descending slope of a shed dormer.

The commissioners reviewed the rear elevation.

The commissioners reviewed the right elevation. Cates said the roof will be metal because the pitch of the porch roof, which he believed to be around 2:12, is too shallow to be considered appropriate for shingles.

Cates confirmed there will be no new hardscapes.

Cates confirmed that the porch will extend above the roofline of the main building, though the existing greenhouse to be replaced currently reaches below the roofline. He said he does not know how the greenhouse is attached, but any damage to existing materials would be replaced in-kind. He confirmed no new vinyl will be introduced.

Cates said the existing house has three different styles of window, and all the windows behind the screen of the porch will remain.

Cates said the site is fairly clear, and no trees will be affected.

Senner summarized the commissioners' discussion: The commissioners did not find the proposed work to be incongruent with the historic district. The skylight and chimney are not character-defining elements of the front facade. The greenhouse to be removed was not historic, and the proposed porch is in the same footprint and is consistent with the design standards for Additions to Residential Buildings and has compatible materials. The dormer is not incongruent with the historic district.

Senner closed the public hearing.

Motion: Riek moved to find as fact that the 326 N Cameron St. application is in keeping with the

overall character of the Historic District and complies with all relevant standards of evaluation based on the commission's discussion of the application and the standards of evaluation in Section 3.12.3 of the Unified Development Ordinance because the plans are consistent with the Historic District Design Standards: Masonry; Exterior Walls; Porches, Entrances, and Balconies; Sustainability and Energy Retrofit; and Additions to Residential

Buildings. Miller seconded.

Vote: 5-0.

Motion: Member Daniel Widis moved to approve the application as submitted. Miller seconded.

Vote: 5-0

B. Certificate of Appropriateness Application: 311 W. Orange St. New construction house (PIN 9864883297).

No one was present to speak on behalf of the application. The commissioners decided to review the application and compile questions for the applicant for future discussion.

Senner opened the public hearing and asked whether there were any conflicts of interest or bias among the commissioners. None were disclosed. All commissioners disclosed that they had visited the site in preparation for reviewing the application.

Hoffheimer introduced the application by presenting the staff report. He noted that the inventory information, application materials, and applicable design standards would be entered into the record as evidence. He provided the staff comments:

- The site plan appears to indicate that four trees with diameters over 24 inches will be removed for construction of the house, and one will be removed for the septic drain field. Some of those trees are in the public right-of-way but were indicated on the site plan. The applicant can propose to remove those for this review, and after that they would go to the Public Space and Sustainability Division, who would approve the removal if the proposed removal had received a Certificate of Appropriateness from the Historic District Commission. Staff are not aware of any recent new construction for which that many trees of that size were removed.
- The design standards prohibit painting historic brick but do not restrict painting new brick.
- The approximately 30-foot height of the roof is taller than the roofs of the adjacent houses on West Orange Street and to the south on West Union Street. The new house at 320 B W. Orange

St. that the commission recently approved has a similar roof height but is set back further from the street.

- The roof pitches for both street-facing gables are relatively narrow in comparison to most roof pitches in the historic district.
- The application describes the design as reminiscent of houses from the early 1900s. The Historic District Commission is tasked with evaluating the proposal's compatibility with the historic district rather than what general era the design is intended to evoke.
- There are scattered examples of street-facing garages in the historic district, but staff are not aware of any existing garages that extend in front of the front line of the house or comprise as much of the front elevation as the proposed design does.
- Any railing materials and light fixtures can be confirmed with staff later in the process.

Hoffheimer said staff had discussions with the applicant about the removal of the trees, the design of the garage, and the overall application requirements. Senner expressed his strong encouragement that the applicants attend the next meeting ready to address how the items in the staff's comments are consistent with the design standards and congruent with the district, especially the tree removal, the garage, and the pitch and height of the roof and roof elements.

There was discussion of the house's proposed foundation and its setback compared to nearby houses. It was generally agreed that the setback is fairly consistent with neighboring houses.

The commissioners reviewed the site plan. The commissioners noted the absence of materials listed for the new walk from the drive to the house. Hoffheimer confirmed that the shed on the site plan is existing. The commissioners observed that the drive may fit between the 24-inch elm and 40-inch oak without removing either one and wondered why the applicant did not take that approach.

There was discussion of the recent history of the ownership and plans for the zoning of the lot.

It was observed that the plans are missing a materials listing for the garage door. There were questions about the intent of the screened porch being marked as "optional."

The commissioners said they would like to see as much supporting evidence as possible to show that this architectural style and design is congruent with the district. They also said that they would like to see how these plans are congruent without trying to imitate a home of an earlier era. The commissioners had concerns about the curve and pitch of the roof. They said they would like to see clear thought and strategy for how the house and driveway could be sited to minimize disruption to the site in terms of trees and grading.

The commissioners reviewed the front elevation. They had concerns about the prominence of the garage and its compatibility with the district. The commissioners also had concerns about the difference in material between the brick front facade and lap siding for the rest of the house. They said they would like to see evidence that the use of a different material on the front facade from the rest of the house is not incongruous with the rest of the district.

Victoria Matheson, a neighbor, was sworn in to provide public comment. She expressed concern about the removal of the trees and its impact on stormwater drainage in the neighborhood.

The commissioners discussed the potential need for grading the site to build the house on a flat foundation as rendered. They requested that a grading plan be submitted and the elevations be drawn as accurately as possible with regard to the slope of the site.

There was discussion of the septic drain field. Hoffheimer said that the applicant is building a septic system because the site is over 100 feet away from a sewer line. It was noted that the trees within the septic field are not indicated for removal on the site plan, but the commissioners speculated that they would have to be removed for that purpose. Town attorney Bob Hornik clarified that because the site is over a certain distance from the sewer line, connection to the town's sewer system is not required for this site, though it is possible. He added that if the site were to connect to the town sewer, a pump would be required. Hoffheimer noted that many of these changes could fall under New Construction of Primary Residential Buildings Standards 2-5.

There was additional discussion about clearing the site and its congruity with the district. There was mention that some removal of trees has been allowed in the past when there has been no alternative way to develop a site. Hoffheimer said that other houses of similar designs in the district avoided tree removal and that there have not been many houses of styles similar to this one that involved significant amounts of tree removal and site disturbance.

There was further discussion of stormwater. Hoffheimer said there was a letter from the Stormwater and Environmental Services Division evaluating the site and its relationship to a stream at the bottom of the hill. Hornik added that the site has previously been evaluated by planning and utilities staff.

There was discussion about the process for communicating questions to the applicant and strong encouragement for the applicant to attend the September meeting.

Motion: Senner moved to continue the application to the September meeting. Member Bill

Warren seconded.

Vote: 5-0.

7. Certified Local Government (CLG) training update

Hoffheimer gave an update about upcoming in-person Certified Local Government trainings.

8. General updates

Hoffheimer informed the commissioners about recent inquiries regarding temporary utilitarian fencing and light-gauge wire fencing being used in the district. There was discussion of the updated ordinary maintenance fencing standards.

There was discussion of a vacant seat on the commission.

Town Attorney Bob Hornik informed the commission that the applicants for the after-the-fact Certificate of Appropriateness that was approved with conditions at 117 N. Wake St. have filed an appeal with the North Carolina Superior Court.

Hoffheimer gave an update on the property at 207 W. Corbin St., the owners of which had purchased the property not knowing its accessory dwelling unit was in violation of the design standards. He said the vinyl windows have been replaced with aluminum-clad wood, and the property now has a Certificate of Occupancy.

9. Adjournment

Senner adjourned the meeting at 7:35 p.m. without a vote.

Respectfully submitted,

Joseph Hoffheimer

Planner

Staff support to the Historic District Commission

Gosph Offlier

Approved: Month X, 202X

BEFORE THE HILLSBOROUGH HISTORIC DISTRICT COMMISSION

) Application for) Certificate of Appropriateness) 326 N. Cameron Street)

This request for a Certificate of Appropriateness ("COA") to add a rear second story shed dormer and replace the greenhouse with a screened porch at 326 N. Cameron Street (the "Application") came before the Hillsborough Historic District Commission (the "HDC") on August 6, 2025. The HDC held a quasi-judicial hearing and, based on the competent, material, and substantial evidence presented at the hearing, voted 5-0 to approve the Application. In support of that decision, the HDC makes the following Findings of Fact and Conclusions of Law:

FINDINGS OF FACT

- 1. The property at issue (the "Property") is located at 326 N. Cameron Street in the Town of Hillsborough. The Owners and Applicants are Geoffrey and Gail Greene (the "Applicants").
- 2. The Application requests that the HDC grant a Certificate of Appropriateness to:
- a. Construct a second story shed dormer (standing seam roof material) off the existing ridge of the house towards the rear of the house; The dormer will have

Hardie board siding and Miratec trim (smooth side out) as well as aluminum clad simulated divided lite windows.

- b. Replace the greenhouse on the south side of the house with a shed roofed screen porch (standing seam roof material) with fiberglass columns, wood railings, pickets, foundation posts and horizontal screening; All siding, trim, columns, railings, pickets, posts and screening will be painted white to match the existing; All existing shingles will be replaced with GAF Timberline "Appalachian sky".
- c. Remove the existing front-facing skylight and utilitarian chimney but retain the architecturally significant chimney on the south gable end.

All work will be in accordance with the drawings and plans entered into evidence at the hearing.

- 3. The Property is in the Hillsborough Historic District, designated by Ordinance No. 4.3.1.2. The Hillsborough Historic District Design Standards, specifically the standards for *Masonry; Exterior Walls; Porches, Entrances, and Balconies; Sustainability and Energy Retrofit;* and *Additions to Residential Buildings* were used to evaluate this request, and the Application is consistent with these standards for the following reasons:
 - a. The skylight and chimney are not character-defining elements of the front façade.
 - b. The greenhouse to be removed is not historic, and the proposed porch is in the same footprint and has compatible materials.
 - c. The rear dormer is not incongruous with other rear dormers in the historic district.

4. The following individual(s) testified during the evidentiary hearing:

a. Joseph Hoffheimer, Staff Support to the Historic District Commission,

presented the staff report and comments.

b. David Cates, presenter for the Applicants, appeared to present testimony

and evidence in support of the Application.

CONCLUSIONS OF LAW

Based on the foregoing FINDINGS OF FACT, the HDC makes the following

CONCLUSIONS OF LAW:

1. The Application is not incongruous with the special character of the

Hillsborough Historic District. Therefore, the COA is hereby approved with the

following conditions:

a. All necessary permits required by law must be obtained before work may

commence. Town staff must be consulted prior to making any alterations to the approved plans. Any unapproved changes observed on a final inspection will be subject to additional fees and must be resolved prior to Town sign-off

on the Certificate of Occupancy.

This the 3rd day of September, 2025.

Will Senner, Chair

Hillsborough Historic District Commission

11

APPEALS

A decision of the Commission on an application for a Certificate of Appropriateness may be appealed to the Orange County Superior Court by an aggrieved party. Such appeal shall be made within thirty (30) days of filing of the decision in the office of the Planning Director or the delivery of the notice required in Section 3.12.11, whichever is later. Such appeals to the Orange County Superior Court are in the nature of certiorari and the court shall determine such appeals based on the record generated before the Commission.

ITEM #7. A:

Address: 311 W. Orange St.

Year Built: NA (new construction)

Historic Inventory Information (2013): NA (new construction)

Proposed work

New construction house

Application materials

- COA application
- Narrative
- List of materials
- Elevations
- Floor plans
- Site plan

Applicable Design Standards

- New Construction of Primary Residential Buildings: 1-11
- New Construction of Outbuildings and Garages: 1-7, 9, 10
- Walkways, Driveways, and Off-Street Parking: 8-10

Staff Comments

- This application is being continued from the August HDC meeting. At that meeting, the commission requested the following additional information from the applicant:
 - Confirmation of materials for the walk between the driveway and the house
 - Confirmation of garage door materials
 - Rationale for the driveway location and if the driveway can fit between the 24inch elm and 40-inch oak without removing either one
 - Whether the house will include the screened porch (if the applicant later chooses not to build it, that is usually just a staff-level approval)
 - Additional supporting evidence showing that the architectural style and design are congruent with the local historic district (this can be done by providing photo documentation of similar buildings in the district). Namely, the commission wanted to see justification for the following design elements:
 - The curve and pitch of the roof
 - The prominence of the garage
 - The difference in material between the brick front façade and the lap siding for the rest of the house
 - Explanation for how the house and driveway minimize disruption to the site in terms of trees and grading
 - o A grading plan and elevations drawn to reflect the slope of the site

• Staff have communicated the items listed above to the applicant, and the applicant is aware of the requests. As of August 28, 2025, staff have not received any additional submittal documents, but staff find that at least some of the requested information can be confirmed verbally through the applicant's attendance at the September meeting.



APPLICATION

Certificate of Appropriateness and Minor Works

Planning and Economic Development Division 101 E. Orange St., PO Box 429, Hillsborough, NC 27278 919-296-9470 | Fax: 919-644-2390 planning@hillsboroughnc.gov www.hillsboroughnc.gov

R-20 9864 88 3297 311 W. Orange St. Orange County Parcel ID Number Address of Project **Zoning District** Hoeken Design Build HTKT Investments, LLC Property Owner (if different than applicant) **Applicant Name** 126 quade dr. 6324 Falls of the neuse rd Applicant's Mailing Address Property Owner's Mailing Address Cary, NC 27513 Raleigh, NC 27609 City, State ZIP City, State ZIP 919-439-9682 919-818-8408 **Applicant Phone Number** Property Owner's Phone Number harris@quickoffer.com uriah@hoekendesignbuild.com Property Owner's Email Applicant's Email Description of Proposed Work: New construction single family home Estimated Cost of Construction: \$_450,000

The Historic District Design Standards, Exterior Materials Compatibility Matrix, and Certificate of Appropriateness application process can be found on the Town of Hillsborough's website: https://www.hillsboroughnc.gov/hdc.

Applicant and Owner Acknowledgment and Certification

I am aware that Historic District Design Standards, Exterior Materials Compatibility Matrix, and Unified Development Ordinance requirements are the criteria by which my proposal will be evaluated for compatibility, and I certify that I, and/or my design professional under my direction, have reviewed my application materials with Planning Staff for compliance to the standards in those adopted documents. I understand that I, or my representative, must attend the HDC meeting where this application will be reviewed. I further understand that town employees and/or commissioners may need access to my property with reasonable notice to assess current conditions, and to assist them in making evidence-based decisions on my application and that I am not to speak to any commissioner about my project until the public meeting at which it is under consideration.

Applicant's Signature (Optional)

6/24/2025

Date

Property Owner's Signature (Required)

6/24/2025

Last revised: December 2023

Submittal Requirements

The following documents and plans are required to accompany your COA application in order for it to be deemed complete and scheduled for commission review. Planning staff will determine when all submittal requirements have been met. The first FOUR complete COA applications submitted by the deadline will be heard on any HDC agenda.

All applications must include the following documents and plans:

(Provide a digital copy if plans are larger than 11"x17")

- Detailed narrative describing the proposed work and how it complies with all adopted standards.
- **Existing and Proposed Dimensioned Plans (see below):**
 - Site Plan (if changing building footprint or adding new structures, impervious areas or site features, including hardscaping)
 - Scaled Architectural Plans (if changing building footprint or new construction)
 - Scaled Elevations (if adding or changing features of a structure)
 - Landscaping Plans (required for all new construction and for significant landscaping or tree removal and re-planting)
 - Tree Survey (required for new construction when trees over 12" diameter at breast height are on site show both existing and those to be removed)
 - Sign Specifications (if adding, changing, or replacing signage)
- Itemized list of existing and proposed exterior materials including photos and specifications, colors, etc. (Siding, trim and fascia, roof and foundation materials, windows, shutters, awnings, doors, porch and deck flooring, handrails, columns, patios, walkways, driveways, fences and walls, and signs, etc.).
- Photographs, material samples, examples of comparable properties in the district (if using them as basis for specific designs), plans, or drawings that will help to clarify the proposal, if applicable, or if required by staff as part of the review.

Staff Use Only:

• • • •	per \$1000 of construction cos s fee (\$1 per \$1000 of constru	- ·	Amount: \$
☐ After-the	-fact application (\$300):		Amount: \$
			Total Due: \$
Receipt #:	Re	ceived by:	Date:
	on meets all Unified Developn ce with all approved materials	•	s and has been reviewed
□ N/A	☐ Yes	Zoning Officer:	
This applicati	on meets public space divisior	requirements.	
□ N/A	☐ Yes Pu	ublic Space Manger:	
Historic Arch	itectural Inventory Information	on	
Original date	of Construction:		
Description o	f the Property:		
Other review		t □ Orange County Buildir	ng Permit
	S Certificate of Appropriatene d □ Referred to HDC	ss Application Decision	
Minor Works	Reference(s):		_
Certificate of	Appropriateness Decision Denied	Commission Vote:	
Conditions or	Modifications (if applicable):		
		Historic District Staff Sig	nature Date

311 W. Orange St. Hillsborough - Detailed Narrative

We are proposing to build a new construction home roughly 2600 sqft. We have taken care to remove as few trees as possible to ensure a wooded feel to the property keeping with the surrounding properties.

Exterior materials are aligned with the compatibility matrix provided by staff. The brick front and swooping architectural elements are reminiscent of homes built in the early 1900's. Adorning the home will be black clad windows of high quality. If rails are required we will use hand made wrought iron for a classic historic look. Please see the Itemized list of exterior materials for a breakdown of exterior selections.

311 W. Orange, Hillsborough - Itemized list of exterior materials

Siding: hardie plank cedar mill siding

Corner Boards: hardie plank

Fascia: hardie plank Soffit: hardie plank

Window material: fiberglass or aluminum clad

Window trim: hardie plank Front Porch columns: n/a Front Porch rails: metal

Front porch steps: masonry brick painted Foundation front: masonry brink painted Foundation sides and rear: parged block

Garage door:

Rear deck: Pressure treated lumber **Rear deck rails**: pressure treated lumber

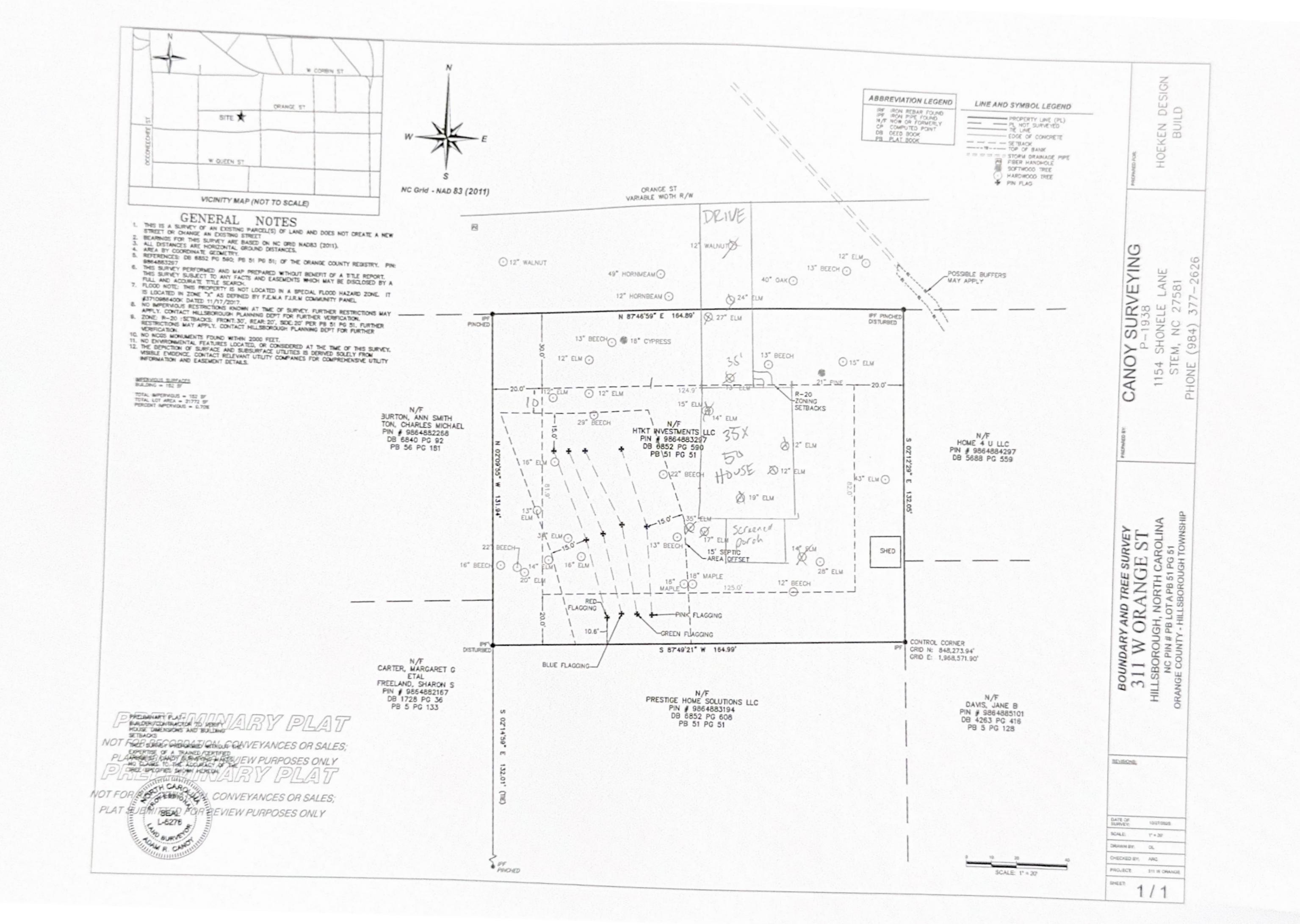
Roof: GAF weathered wood 30 yr architectural shingle

Gutters: black aluminum

Front door: TDL mahogany wood

Side door: Steel Driveway: Concrete





ELEVATION 1



RIGHT

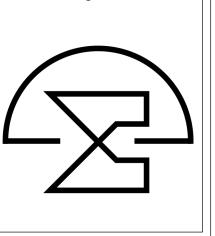




<u>REAR</u> <u>LEFT</u>

illan Design est Business Park, Suite 10

Make Forest Busines Wake Forest, N



Precipice Properties

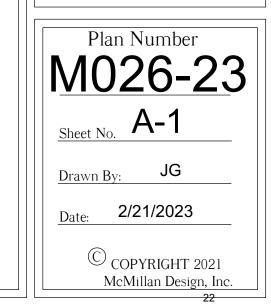
Build to Rent

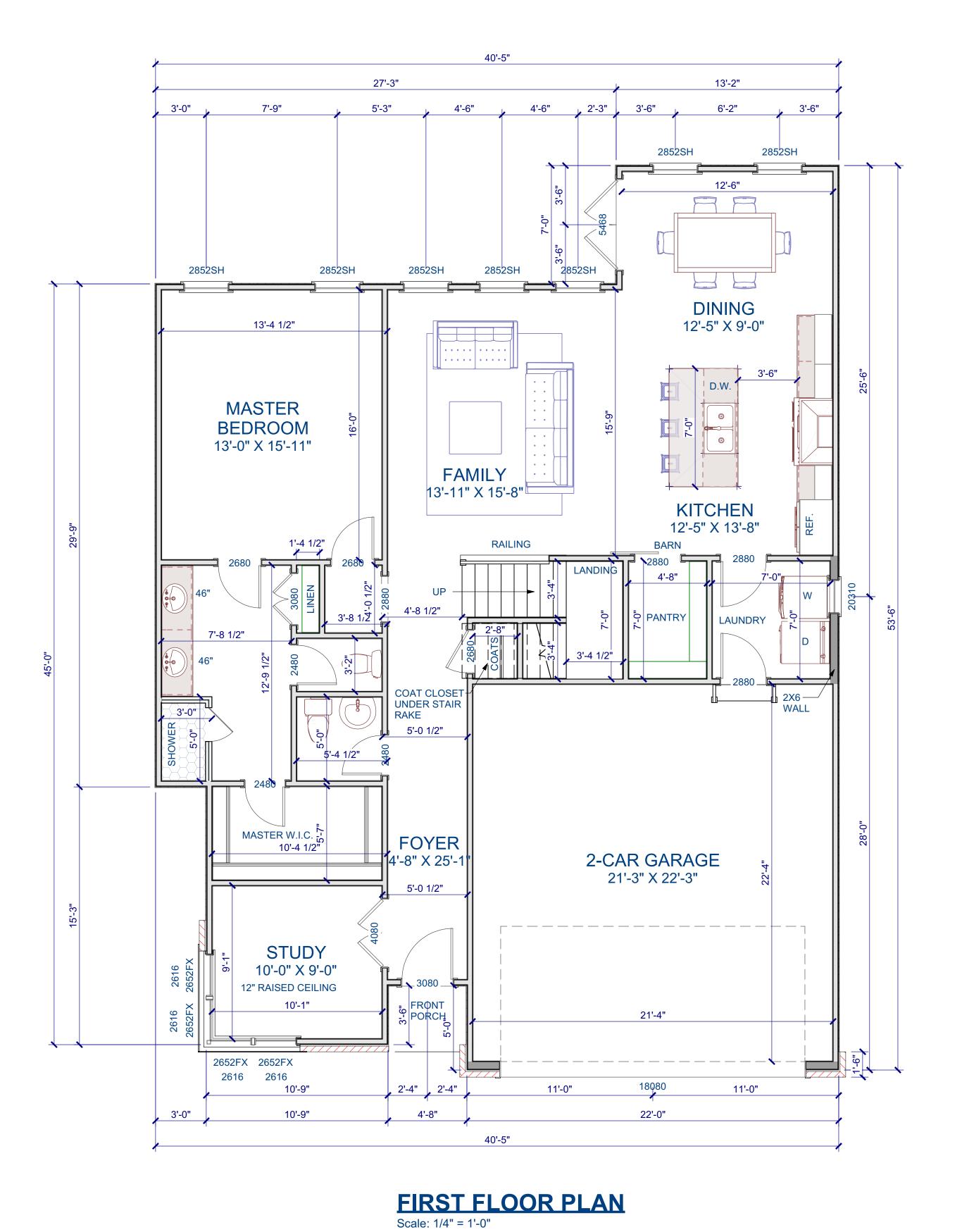
Cliff

Sheet Title:
Exterior
Elevations

REVIS	SIONS
NUMBER	DATE

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said location McMillan Design assumes
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these plans. Contractor or Builder shall
verify all dimensions and conditions prior
to construction. Caution must be
exercised when making modifications to
these drawings. If changes are made to
these drawings, contact McMillan Design.





Square Footage

equal of cottage	
Heated Square Footage	
First Floor	1,375
Second Floor	1,183
Total Heated	2,558
Unfinished Square Footage	
Front Porch	19
Two Car Garage	472
Total Unfinished	49

GENERAL NOTES

WALLS

ALL WALLS ARE DRAWN 3.5" WIDE (2X4) OR 5.5" WIDE (2X6) U.N.O. ANGLED WALL ARE DRAWN @45° U.N.O. EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING. INTERIOR DIMENSIONS ARE TO FACE OF STUD.

SMOKE DETECTORS

LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.

EGRESS

ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO R-310 OF THE N.C. BLDG. CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFATURERS VARY.

ATTIC ACCESS

MIN. ATTIC ACCESS SHALL BE PROVIDED BY BUILDER AND LOCATED ON SITE.

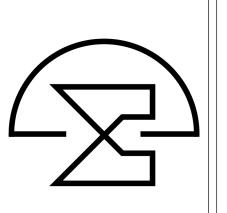
WALL/CEILING HEIGHT

WALL AND CEILING HEIGHT NOTES ARE BASED ON NOMINAL WALL SIZE. KNEE WALL HEIGHT LABELS FOR WALLS UNDER RAFTERS ASSUME AN EXTRA 2" FOR FURRING (IN HEATED SPACES) FOR INSULATION. THE WALL HEIGHT REFERS TO THE HGT. FROM THE FLOOR DECKING TO THE BOTTOM OF THE FURRING.

WINDOW NOTE LEGEND

DH DOUBLE HUNG
SH SINGLE HUNG
FX FIXED
SC SINGLE CASEMENT
DC DOUBLE CASEMENT
TC TRIPLE CASEMENT

CMillan Design ake Forest Business Park, Suite 1 Wake Forest, NC 27587

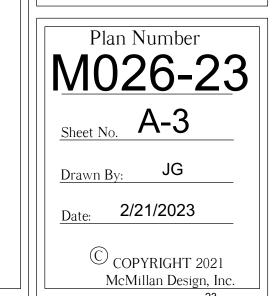


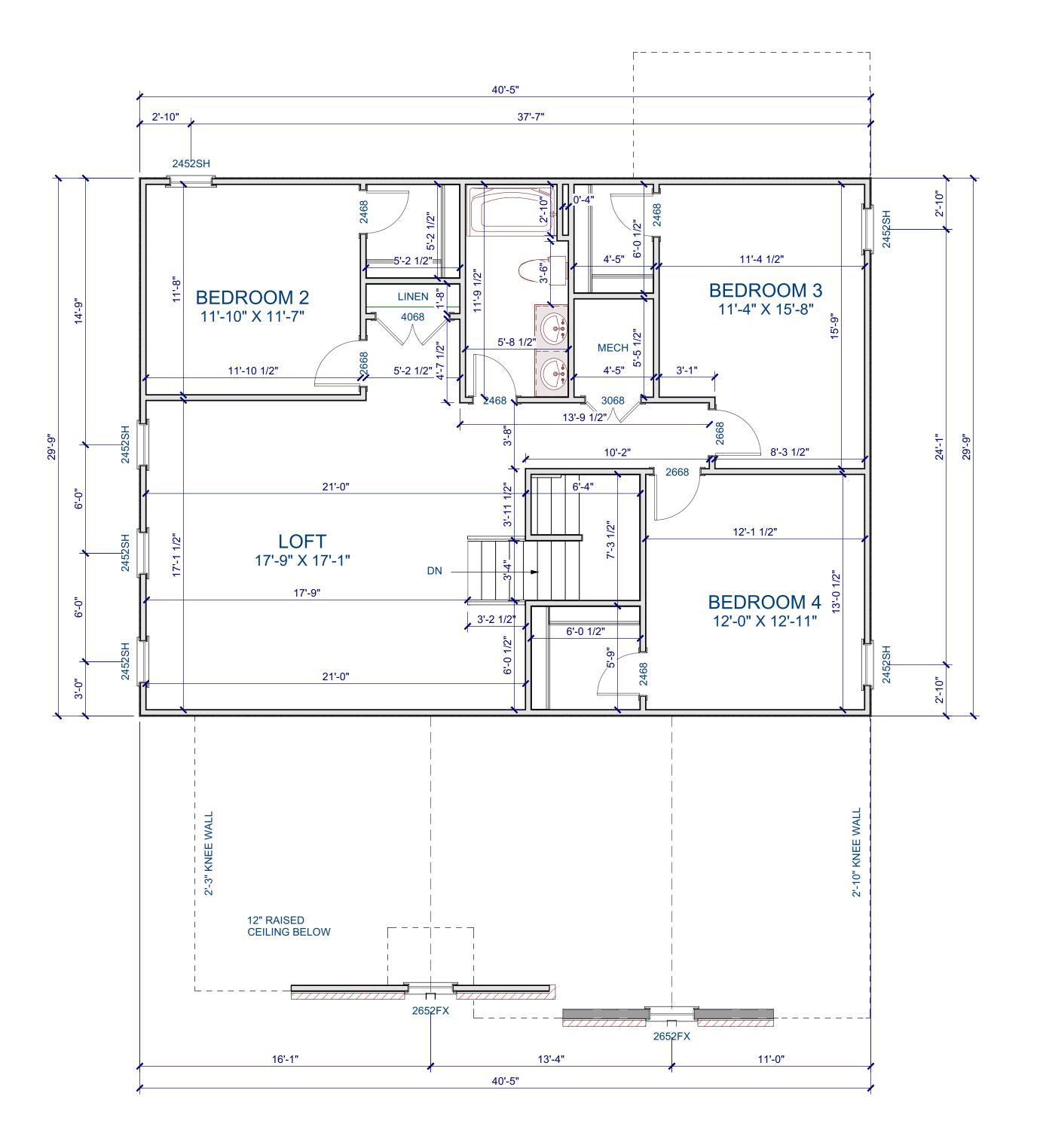
Precipice Properties Build to Rent Cliff

First Floor Plan

REVISIONS					
NUMBER DATE					

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SECOND FLOOR PLAN Scale: 1/4" = 1'-0"

GENERAL NOTES

WALLS

ALL WALLS ARE DRAWN 3.5" WIDE (2X4) OR 5.5" WIDE (2X6) U.N.O. ANGLED WALL ARE DRAWN @45° U.N.O. EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING. INTERIOR DIMENSIONS ARE TO FACE OF STUD.

SMOKE DETECTORS

LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.

ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO R-310 OF THE N.C. BLDG. CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFATURERS VARY.

ON SITE.

MIN. ATTIC ACCESS SHALL BE PROVIDED BY BUILDER AND LOCATED

WALL/CEILING HEIGHT

WALL AND CEILING HEIGHT NOTES ARE BASED ON NOMINAL WALL SIZE. KNEE WALL HEIGHT LABELS FOR WALLS UNDER RAFTERS ASSUME AN EXTRA 2" FOR FURRING (IN HEATED SPACES) FOR INSULATION. THE WALL HEIGHT REFERS TO THE HGT. FROM THE FLOOR DECKING TO THE BOTTOM OF THE FURRING.

WINDOW NOTE LEGEND

DOUBLE HUNG SH SINGLE HUNG FX SC **FIXED** SINGLE CASEMENT DC

DOUBLE CASEMENT TRIPLE CASEMENT

est Busine 2 Forest, N 919.263.1

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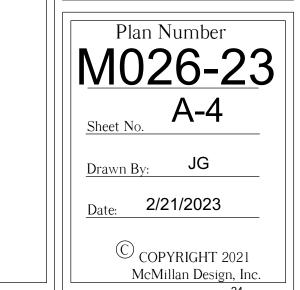
|cMillan|

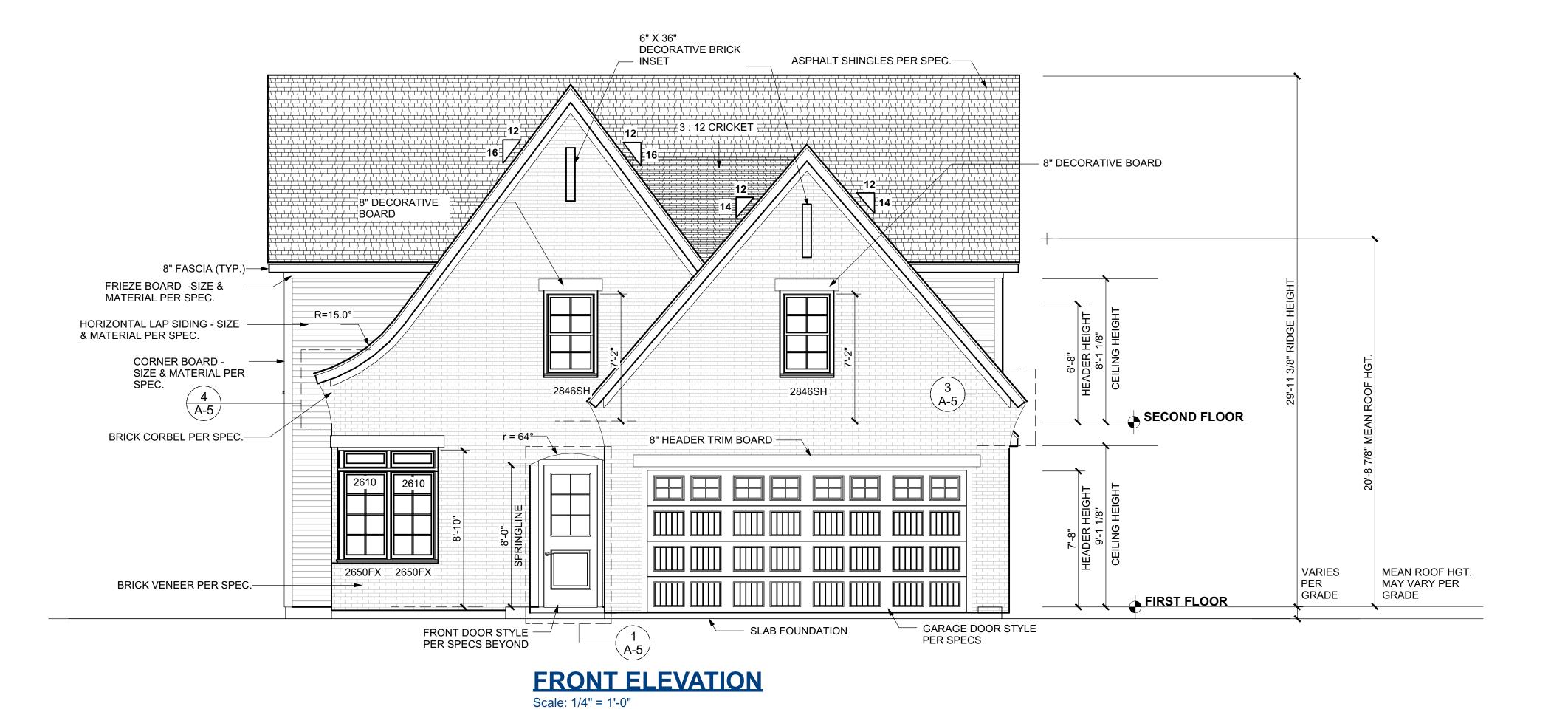
operties Pr en Precipice Build to R Cliff

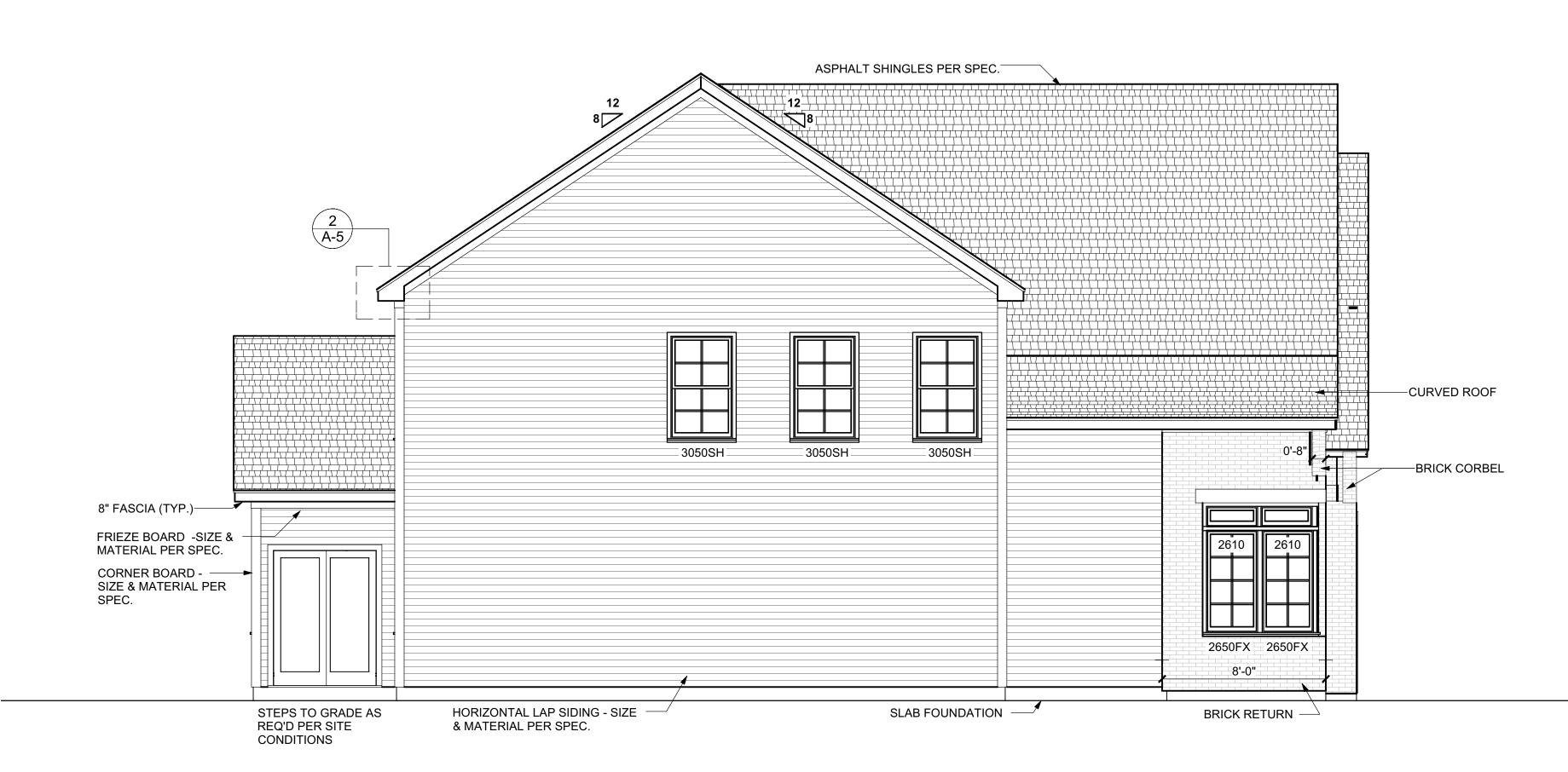
Second Floor Plan

REVIS	SIONS
NUMBER	DATE

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OPTIONAL SCREENED PORCH

Scale: 1/4" = 1'-0"

LEFT ELEVATION Scale: 1/4" = 1'-0"

ELEVATION NOTES

BUILDING CODES
THIS PLAN HAS BEEN DESIGNED UNDER THE NC BUILDING CODES, 2018

RESIDENTIAL EDITION.

ICE GUARDS:

ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12), DOUBLE UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.

VENTING CALCULATIONS

CORNICE VENTS.

ATTIC VENTILATION
3073 SQ. FT. OF ATTIC / 300 = 10.2 SQ. FT. OF INLET AND OUTLET. VENTILATION MAY BE REDUCED 50% WHEN VENTILATORS ARE USED AT LEAST 3'-0" ABOVE THE

esign

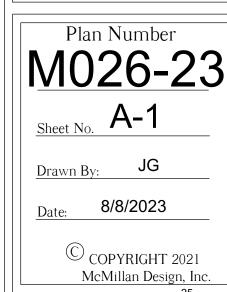
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RIGH Pr en

Exterior Elevations

REVIS	SIONS
NUMBER	DATE

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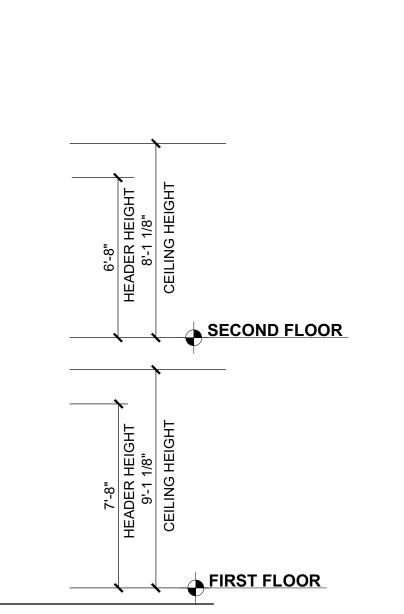
ELEVATION NOTES

BUILDING CODES
THIS PLAN HAS BEEN DESIGNED UNDER THE NC BUILDING CODES, 2018
RESIDENTIAL EDITION.

ICE GUARDS:

ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF TWO UNITS

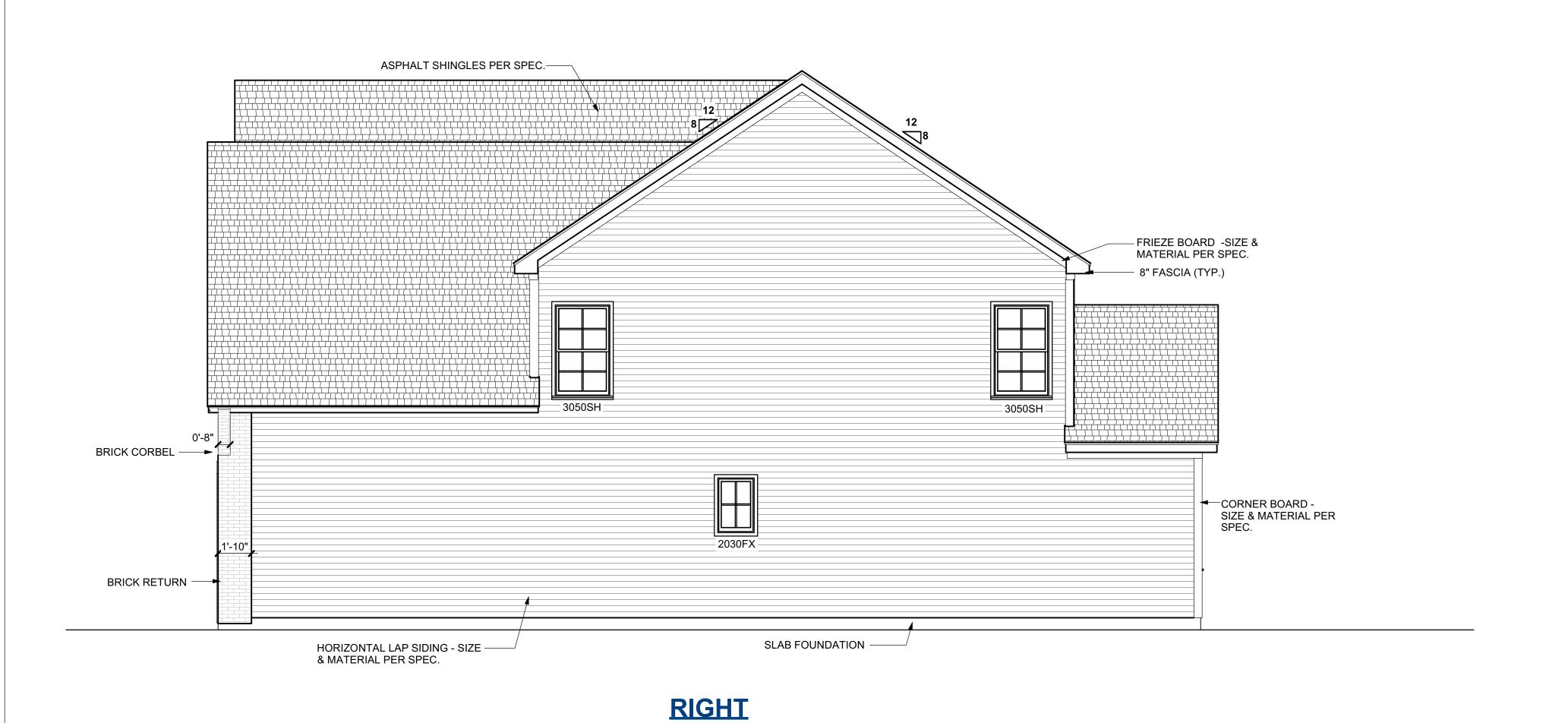
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12), DOUBLE UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.



REAR ELEVATION Scale: 1/4" = 1'-0"

ASPHALT SHINGLES PER SPEC.

OPTIONAL SCREENED PORCH Scale: 1/4" = 1'-0"



ELEVATION

Scale: 1/4" = 1'-0"

8" FASCIA (TYP.)-

HORIZONTAL LAP SIDING - — SIZE & MATERIAL PER SPEC.

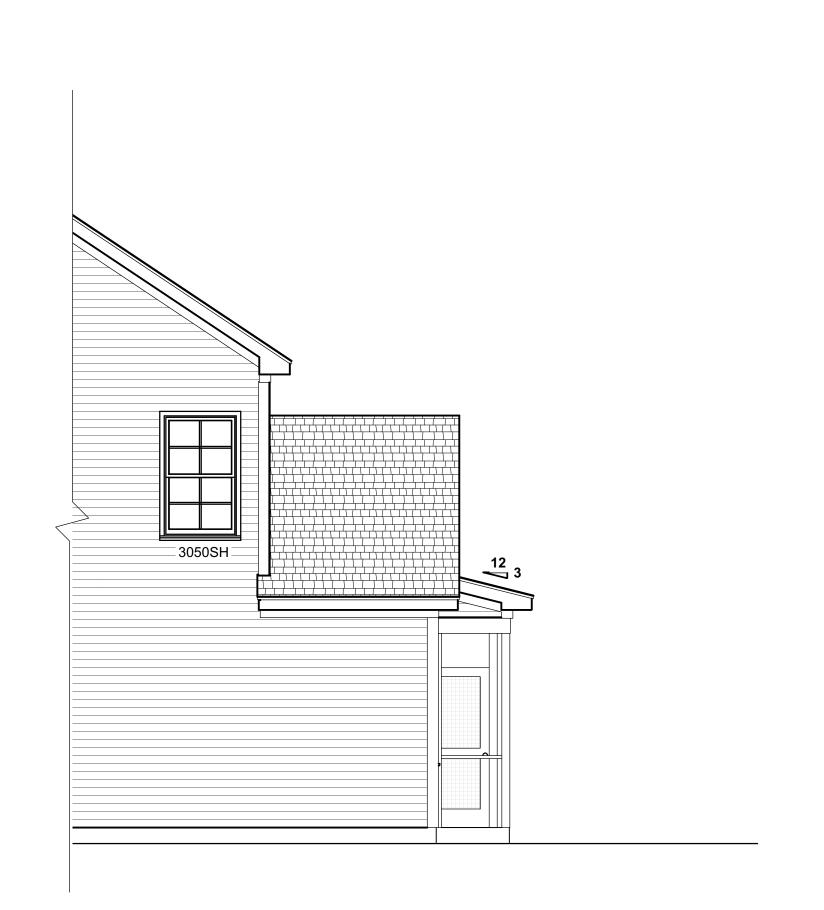
BRICK CORBEL BEYOND-

CORNER BOARD - SIZE & MATERIAL PER

SPEC.

BRICK RETURN BEYOND -

FRIEZE BOARD -SIZE & -MATERIAL PER SPEC.



OPTIONAL SCREENED PORCHScale: 1/4" = 1'-0"

RIGHT Pro en recipice

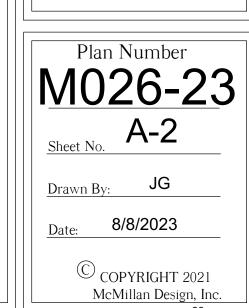
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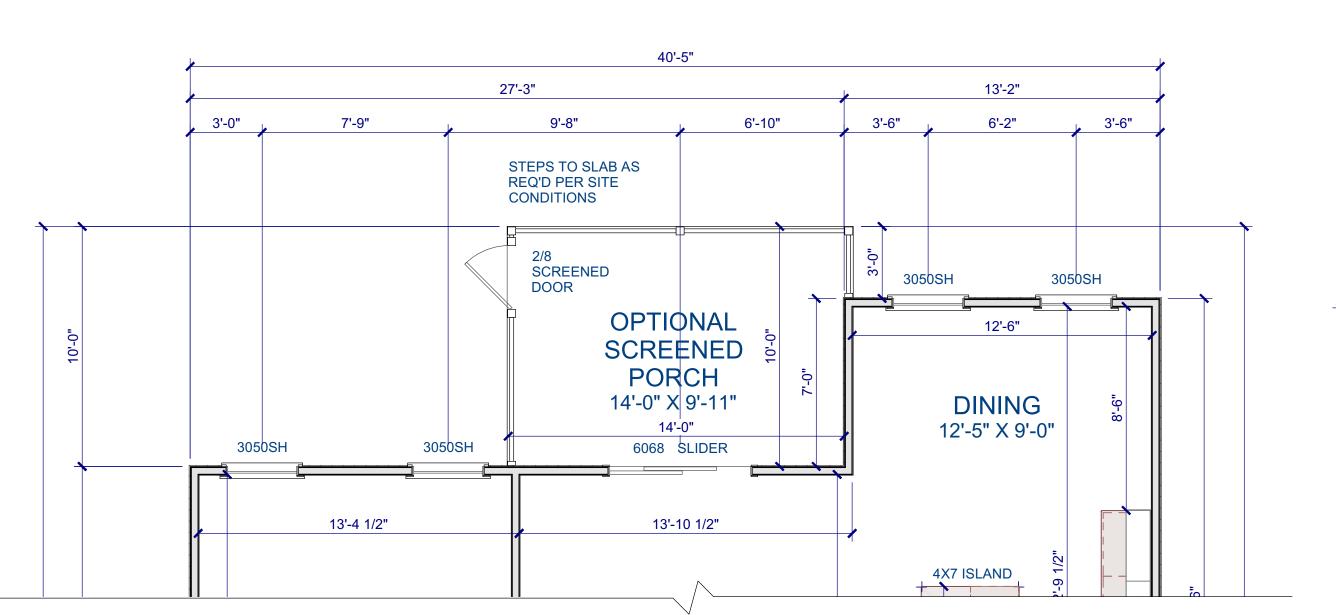
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Exterior Elevations

REVISIONS						
NUMBER DATE						
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OPTIONAL SCREENED PORCH Scale: 1/4" = 1'-0"

GENERAL NOTES

WINDOW NOTE LEGEND

DOUBLE HUNG SH SINGLE HUNG

FIXED

FX SC

SINGLE CASEMENT DC DOUBLE CASEMENT TRIPLE CASEMENT

WALLS

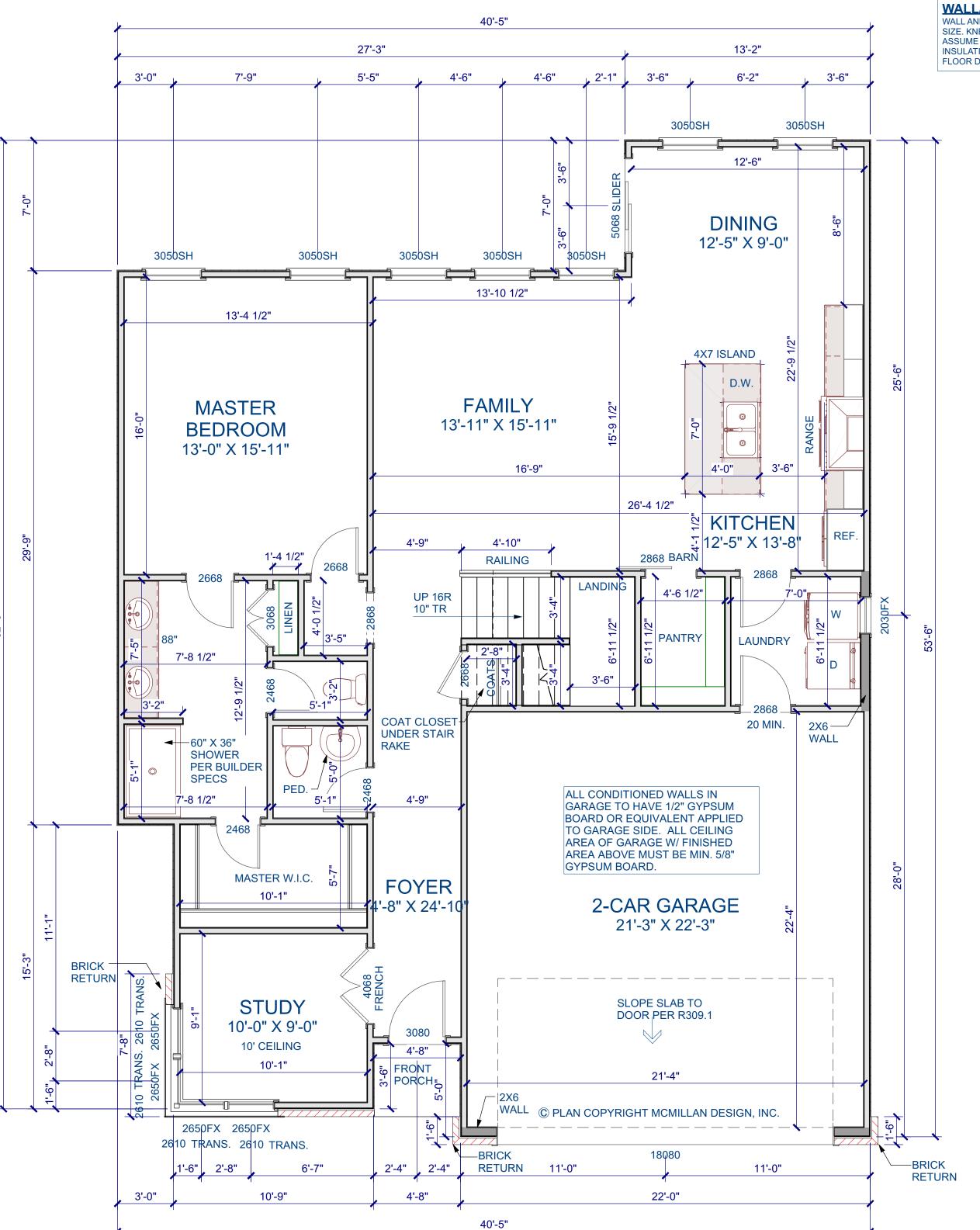
ALL WALLS ARE DRAWN 3.5" WIDE (2X4) OR 5.5" WIDE (2X6) U.N.O. ANGLED WALL ARE DRAWN @45° U.N.O. EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING. INTERIOR DIMENSIONS ARE TO FACE OF STUD.

LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.

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MIN. ATTIC ACCESS SHALL BE PROVIDED BY BUILDER AND LOCATED ON SITE.

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FIRST FLOOR PLAN
Scale: 1/4" = 1'-0"

Square Footage

Heated Square Footage	
First Floor	1,388
Second Floor	1,196
Total Heated	2,58
Unfinished Square Footage	
Front Porch	19
Optional Screened-In Porch	144
Two Car Garage	453

First Floor Plan

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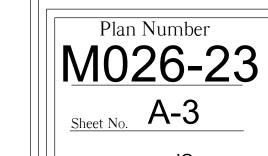
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REVIS	SIONS
NUMBER	DATE

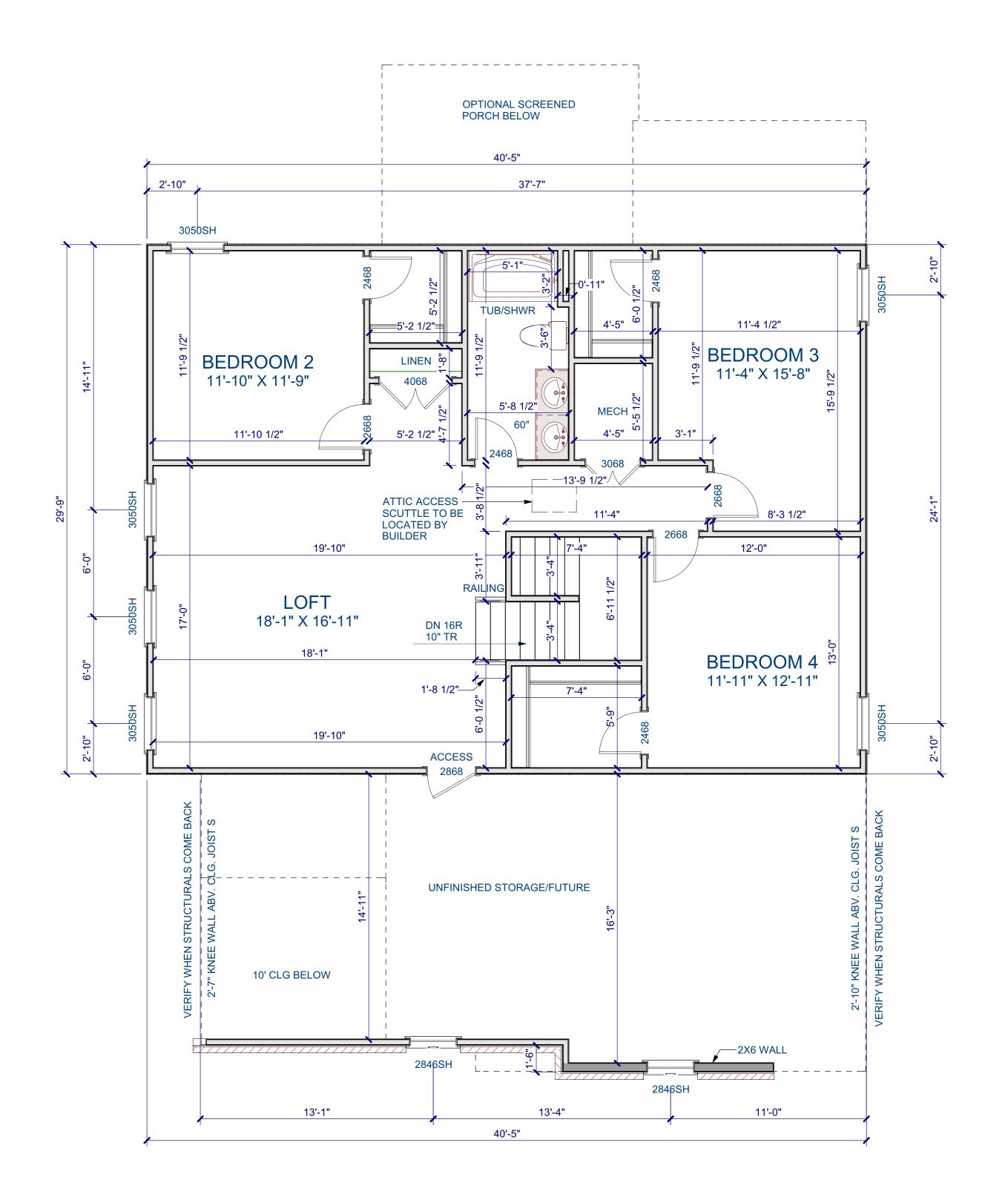
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Drawn By: JG 8/8/2023

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SECOND FLOOR PLAN Scale: 1/4" = 1'-0"

GENERAL NOTES

WALL

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SMOKE DETECTORS

LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.

ECDESS

ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO R-310 OF THE N.C. BLDG. CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFATURERS VARY.

ATTIC ACCES

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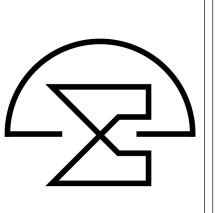
WINDOW NOTE LEGEND

TRIPLE CASEMENT

DH DOUBLE HUNG
SH SINGLE HUNG
FX FIXED
SC SINGLE CASEMENT
DC DOUBLE CASEMENT

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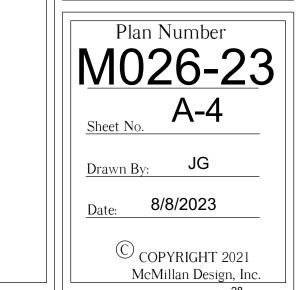


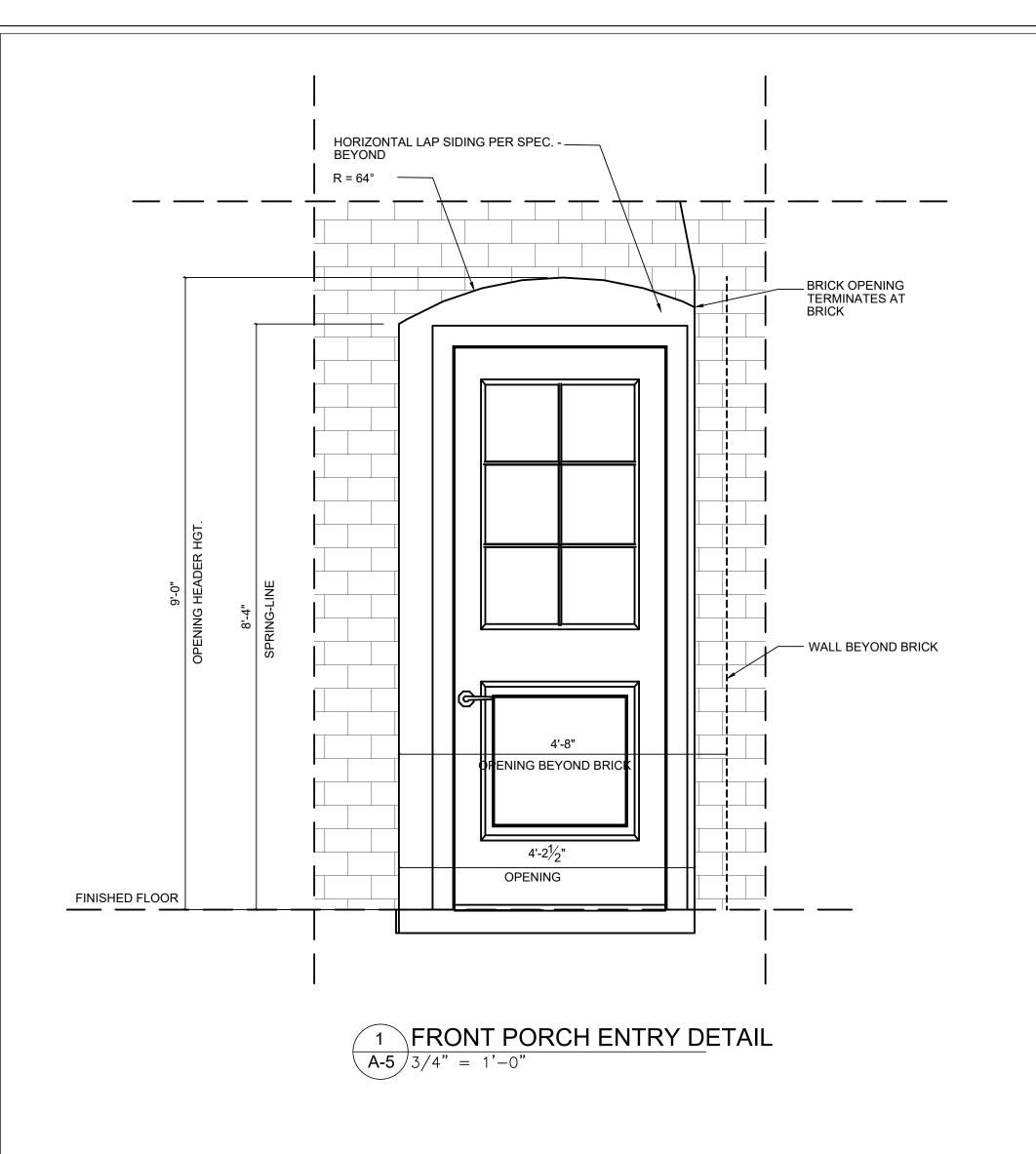
Precipice Properties Build to Rent Cliff Option A - RIGHT

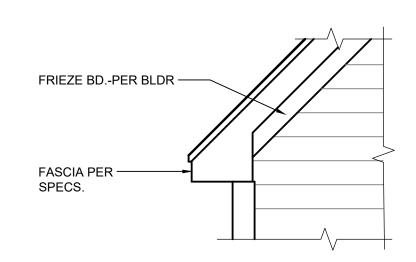
Second Floor Plan

REVIS	SIONS
NUMBER	DATE

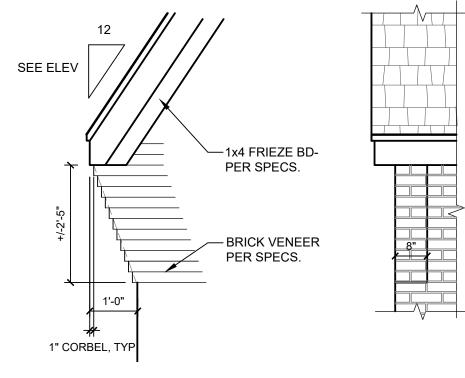
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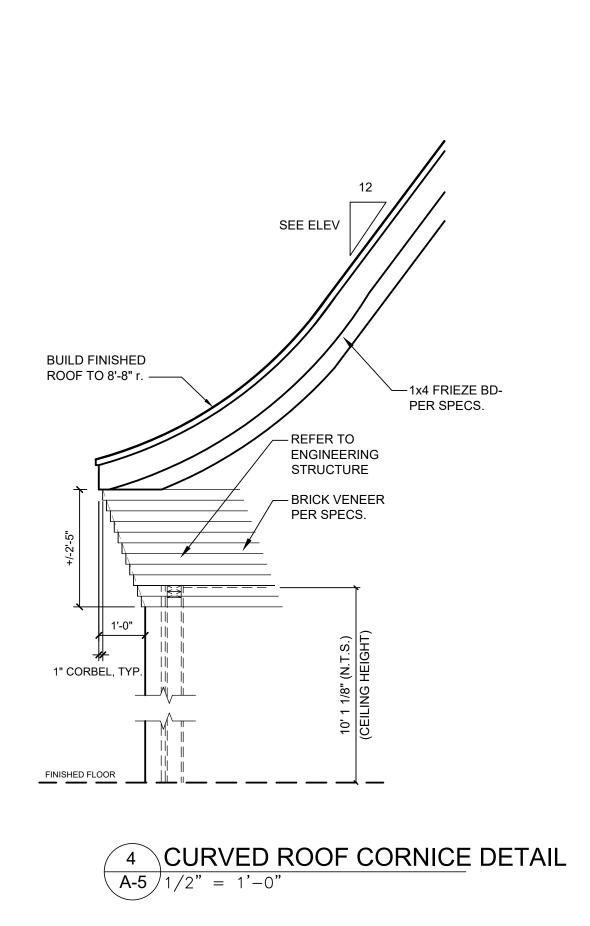


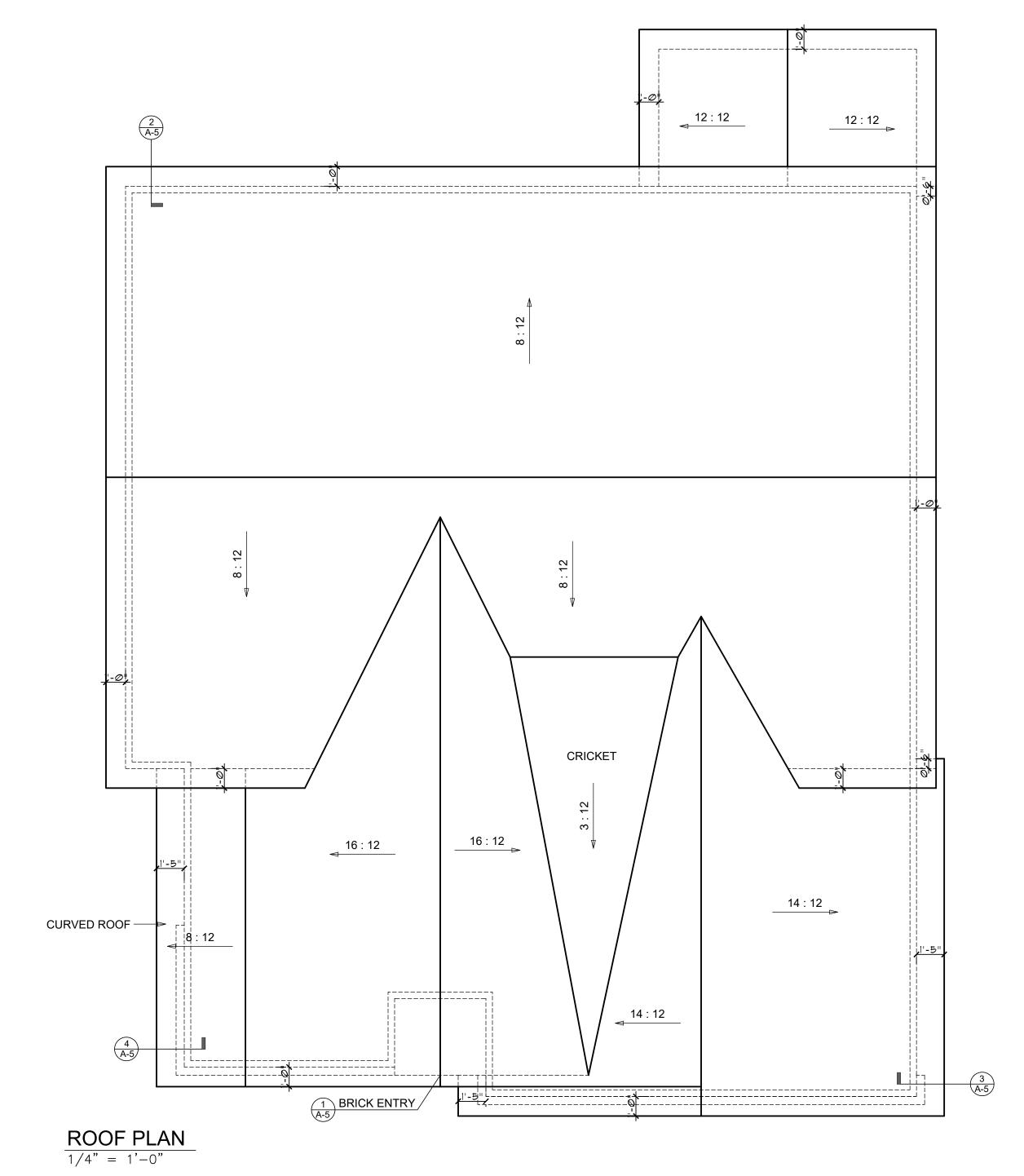
2 TYPICAL CORNICE DETAIL A-5 1/2" = 1'-0"



BRICK CORNICE DETAIL

A-5 1/2" = 1'-0"







and only for said location

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Plan Number M026-23

Sheet No. A-5

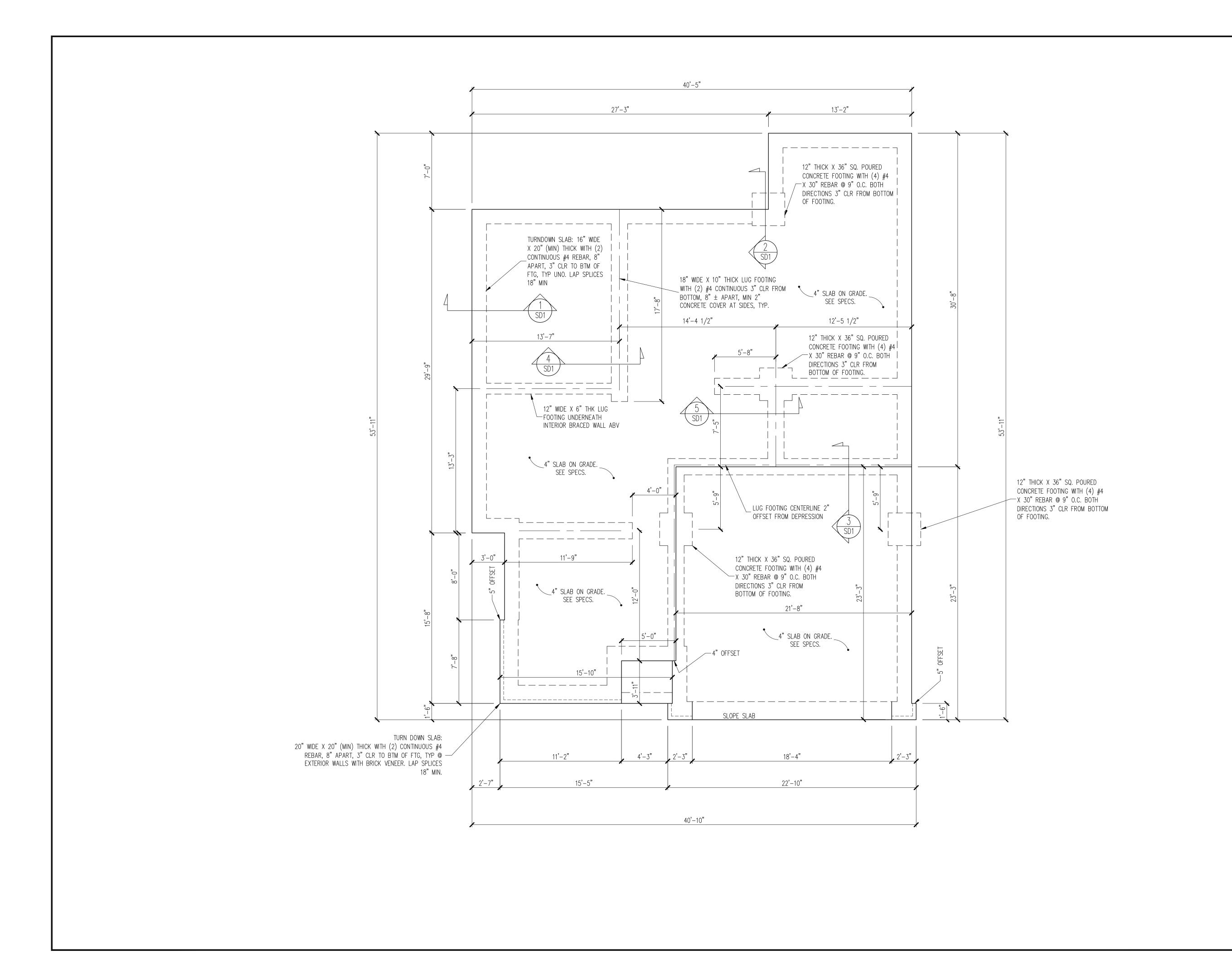
Drawn By: MMc.

Date: **5/19/23**

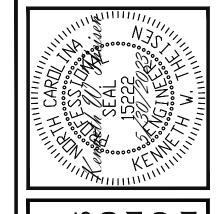
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McMillan Design

7 Wake Forest Business Park Wake Forest, NC 275, 919.263.1509



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ring STRUCTURAL ENGINEERS
License No. C-3870
318 W Millbrook Rd. Unit 201
ech Raleigh, North Carolina 27609
S. P.A. Phone (919) 844-1661

REF PROJ # DATE
23-66-279 8-22-2023
ASSOCIATES

COPE: STRUCTURAL ADDENDUM
LOC: CLIFF A MASTER PLAN

1 23-66

CONSTRUCTION SPECIFICATIONS

INSTANT REFERENCES

REFER TO THE CONSTRUCTION SPECIFICATIONS SECTIONS FOR THE FOLLOWING INFORMATION:

PART 1.01: <u>CURRENT GOVERNING CODE</u>

PART 14: <u>STUD SUPPORT FOR BEAMS</u>

PART 16.02: GENERAL WALL BRACING NOTES

PART 17: KING STUDS FOR EXTERIOR WALLS

SEE DETAIL / CONSTRUCTION SPECIFICATIONS

SHEETS FOR I-JOISTS ALLOWABLE SUBSTITUTIONS

-HEIGHT AND BACKFILL LIMITATIONS FOR FOUNDATION WALLS ARE TO BE GOVERNED

POURED CONC PIERS MAY BE USED IN LIEU

FOUNDATION PLAN

1/4" = 1'-0"

BY THE NCSBC, LATEST EDITION.
-14" SQ POURED CONC PIERS OR 16" Ø

OF 16" SQ MASONRY PIERS.

ENG: KWT/CR
DATE: 5/30/2023

PLAN

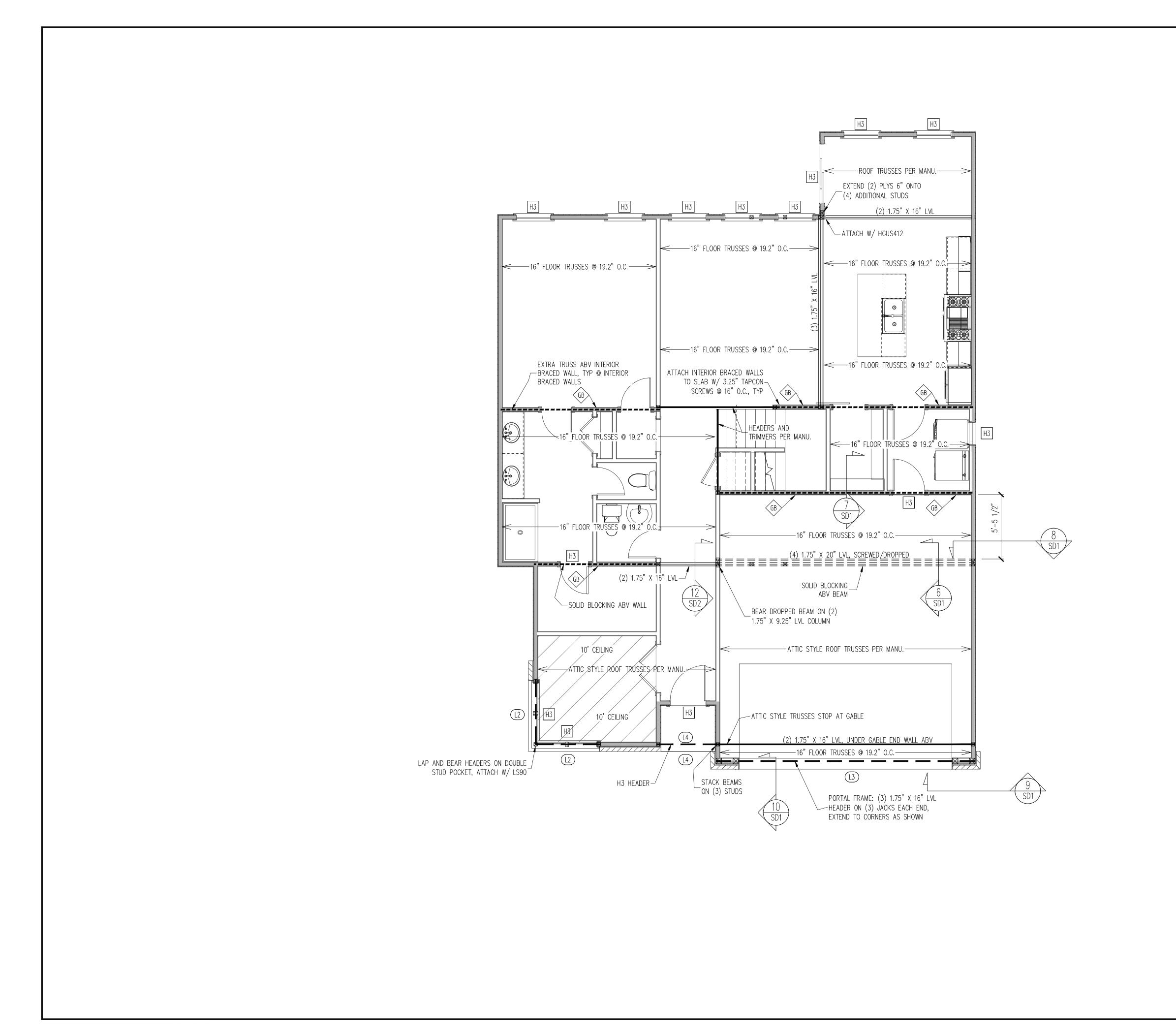
M026-23
PROJECT NO.
23-21-095GR

SHEET NO.

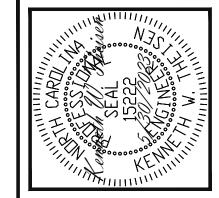
5HEET NO.

S1

1 of 7



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WALL BRACING

FIRST FLOOR ONLY

CS - ALL EXTERIOR STUD WALLS, EXTERIOR SIDE,
ARE TO BE CONTINUOUSLY SHEATHED WITH
7/16 APA RATED OSB NAILED TO STUDS WITH
8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C.
IN PANEL FIELD.

SHADED WALLS:

- WSP ONE SIDE OF INTERIOR WALL OR INSIDE OF EXTERIOR WALL WITH 3/8" MIN. THICKNESS WOOD STRUCTURAL PANELING. ATTACH WSP TO STUD WALL WITH 8d NAILS @ 4" O.C. AT PANEL EDGES, 8" O.C. IN PANEL FIELD.
- GB INTERIOR BRACED WALL. 1/2" GB SECURED PER TABLE R602.10.2 OF THE 2012 NCRBC. (FASTENERS @ 7" O.C.) BOTH SIDES OF WALL, OR (FASTENERS @ 4" O.C.) ONE SIDE OF WALL AT STAIRS

NOTES:
-PROVIDED CONTINUOUS SHEATHING = 195' MIN.

LINTEL SCHEDULE

- L1 L 3 1/2 X 3 1/2 X 1/4 TYP UNO
- L2 L 5 X 3 1/2 X 5/16
- L3 L 6 X 4 X 5/16 ATTACHED TO HEADER WITH (2) 1/2" X 3" LAG SCREWS @ 16" O.C.
- L4 16 GAGE STEEL FLEX LINTEL AT ARCH

HEADER SCHEDULE

- H1 SINGLE 2X4 TURNED FLAT (A)
- H2 (2) 2X4'S ON SINGLE JACKS (B)
- H3 (2) 2X10'S ON SINGLE JACKS (C)
- H4 (2) 1.75" X 9.25" LVL'S ON DBL JACKS
- H5 (3) 2X10'S ON SINGLE JACKS
- (A) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPENING 38" MAX.
- (B) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPNG 38" TO 74" MAX.
- (C) TYPICAL FOR ALL CONDITIONS NOT LISTED IN (A) OR (B) UNO.

OTES:

-HEADERS IN NON LOAD BEARING INTERIOR

WALLS ARE NOT LABELED.

1ST FLOOR FRAMING PLAN

WALLS AND CEILING 1/4" = 1'-0"

ENGINEERS
No. C-3870
Rd. Unit 201
arolina 27609

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318 W Millb
ech Raleigh, Nor

STRUCTURAL ADDENDUM
ASTER PLAN
1 23-66-279

COPE LOC CLIFF A

ENG: KWT/CR
DATE: 5/30/2023

PLAN

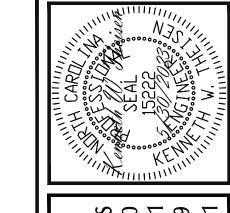
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PROJECT NO.
23-21-095GR

SHEET NO.

2 of 7

______ __PDS HEADERS AND TRIMMERS PER MANU. BUILD GABLE END WALL ON BEAM BELOW

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CS - ALL EXTERIOR STUD WALLS, EXTERIOR SIDE, ARE TO BE CONTINUOUSLY SHEATHED WITH 7/16 APA RATED OSB NAILED TO STUDS WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD. _____

WALL BRACING

SHADED WALLS:

-PROVIDED CONTINUOUS SHEATHING = 106' MIN.

HEADER SCHEDULE

- H1 SINGLE 2X4 TURNED FLAT (A)
- H2 (2) 2X4'S ON SINGLE JACKS (B)
- H3 (2) 2X10'S ON SINGLE JACKS (C)
- H4 (2) 1.75" X 9.25" LVL'S ON DBL JACKS
- H5 (3) 2X10'S ON SINGLE JACKS
- (A) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPENING 38" MAX.
- (B) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPNG 38" TO 74" MAX.
- (C) TYPICAL FOR ALL CONDITIONS NOT LISTED IN (A) OR (B) UNO.

-HEADERS IN NON LOAD BEARING INTERIOR WALLS ARE NOT LABELED.

WALLS AND CEILING 1/4" = 1'-0"

2ND FLOOR FRAMING PLAN

ENG: KWT/CR

DATE: 5/30/2023

PLAN

M026-23

PROJECT NO.

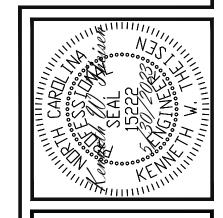
23-21-095GR

SHEET NO.

3 of 7

RIDGE VALLEY SET TRUSSES— ✓ VALLEY SET TRUSSES VALLEY SET TRUSSES— PITCH CHANGE VALLEY SET TRUSSES ■ DN 16:12 DN 16:12 DN 14:12 DN 14:12 CURVED ROOF BRICK SUPPORT PER DETAIL-STICK FRAME ROOF @ HATCHED AREA. 2X8 RAFTERS @ 16" O.C. 2X12 RIDGE —

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PRECIPICE PROPERTIES
STRUCTURAL ADDENDUM
A MASTER PLAN
1 2

ENG: KWT/CR DATE: 5/30/2023

PLAN

M026-23

PROJECT NO. 23-21-095GR

SHEET NO. of 7

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

<u>CONNECTOR</u> NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION

(1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM

ROOF ONLY

TRUSS UPLIFT CONNECTORS

EXPOSURE B, 115 MPH, ANY PITCH

24" O.C. MAX ROOF TRUSS SPACING

TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE BELOW.

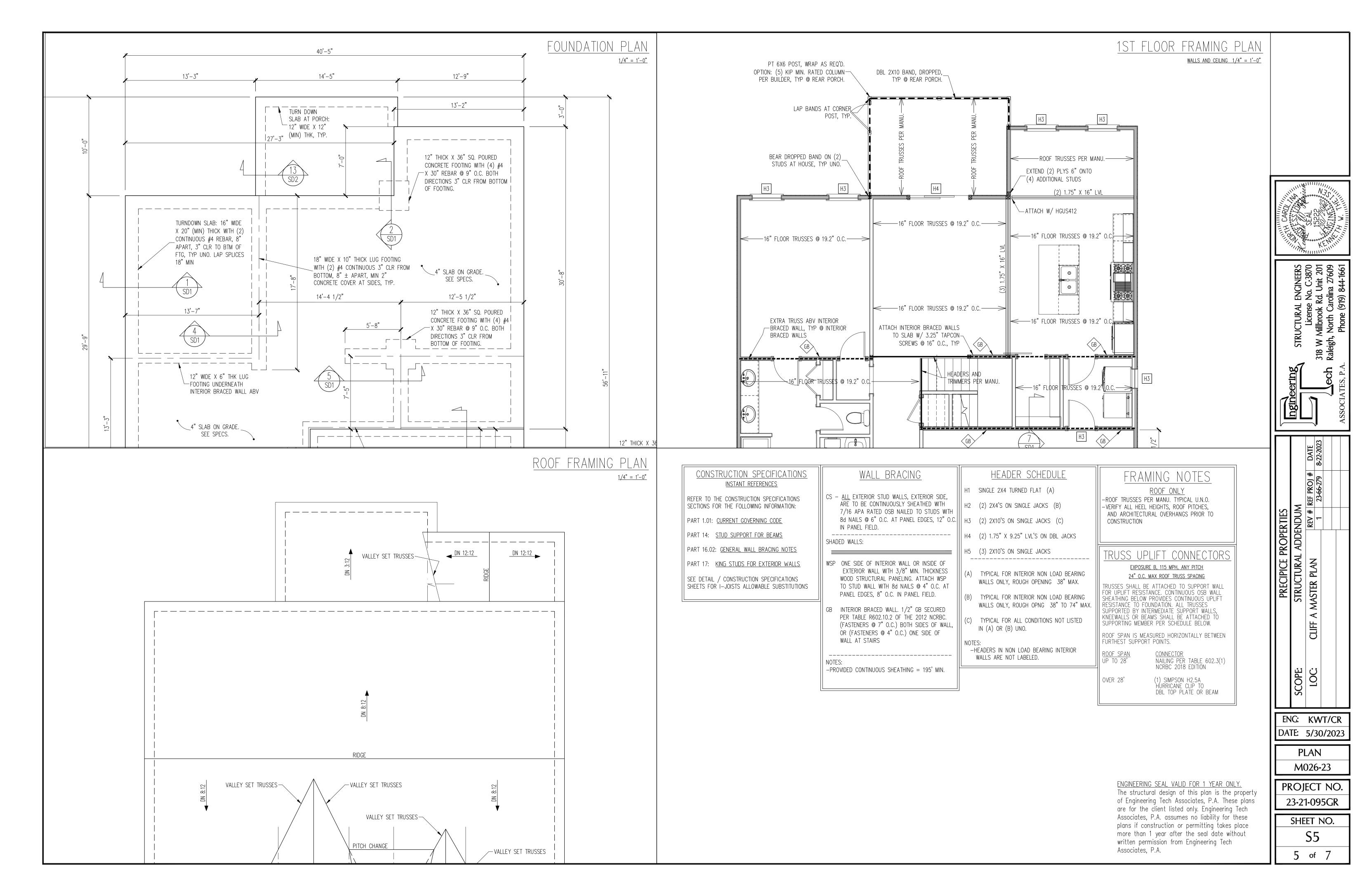
ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.

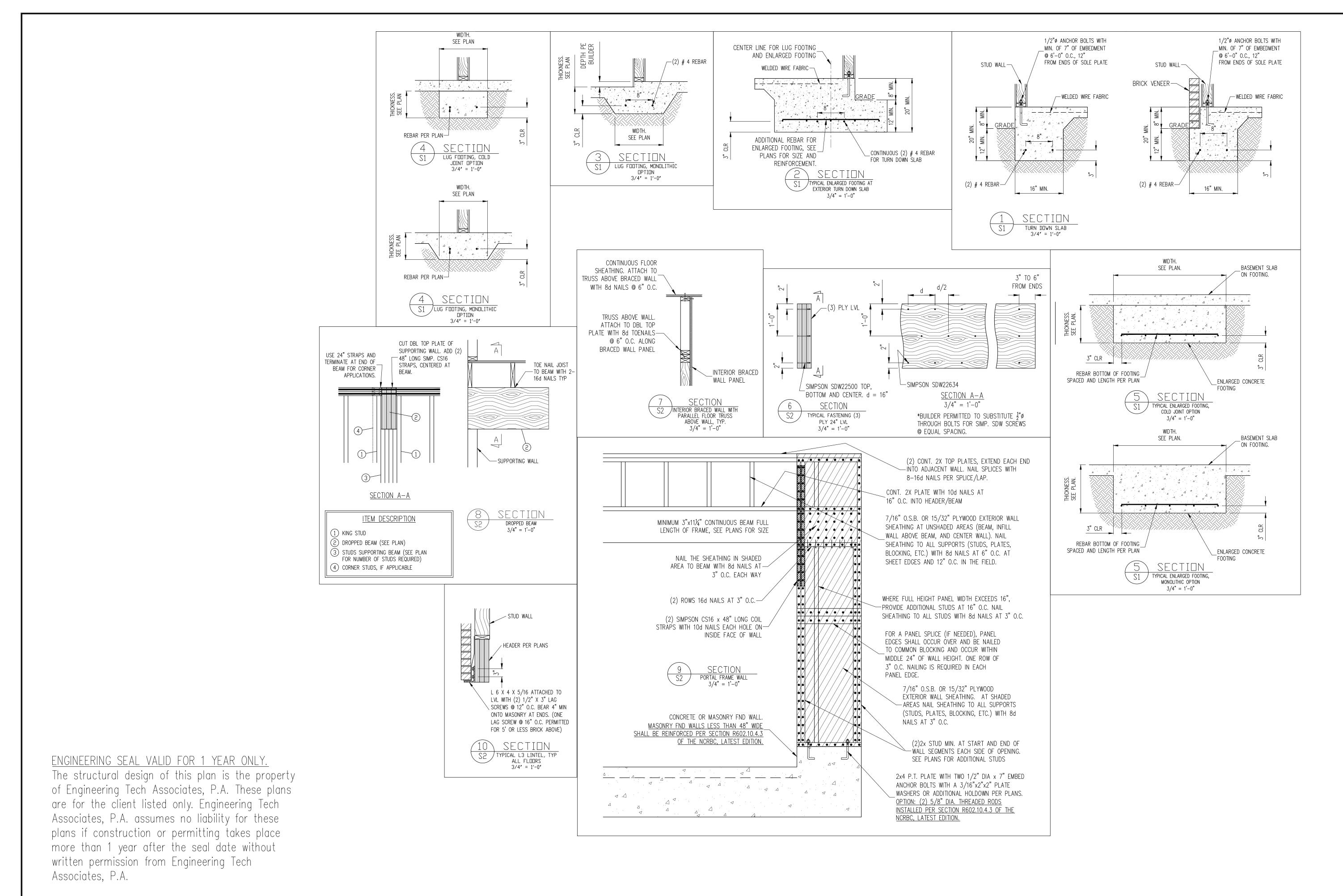
-ROOF TRUSSES PER MANU. TYPICAL U.N.O.

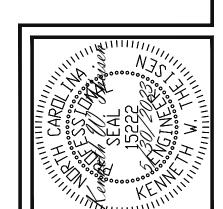
-VERIFY ALL HEEL HEIGHTS, ROOF PITCHES, AND ARCHITECTURAL OVERHANGS PRIOR TO

CONSTRUCTION

|| OVER 28'







STRUCTURAL ENGINEERS
License No. C-3870
318 W Millbrook Rd. Unit 201
ech Raleigh, North Carolina 27609
Phone (919) 844-1661

STRUCTURAL ADDENDUM

IFF A MASTER PLAN

IFF A MASTER PLAN

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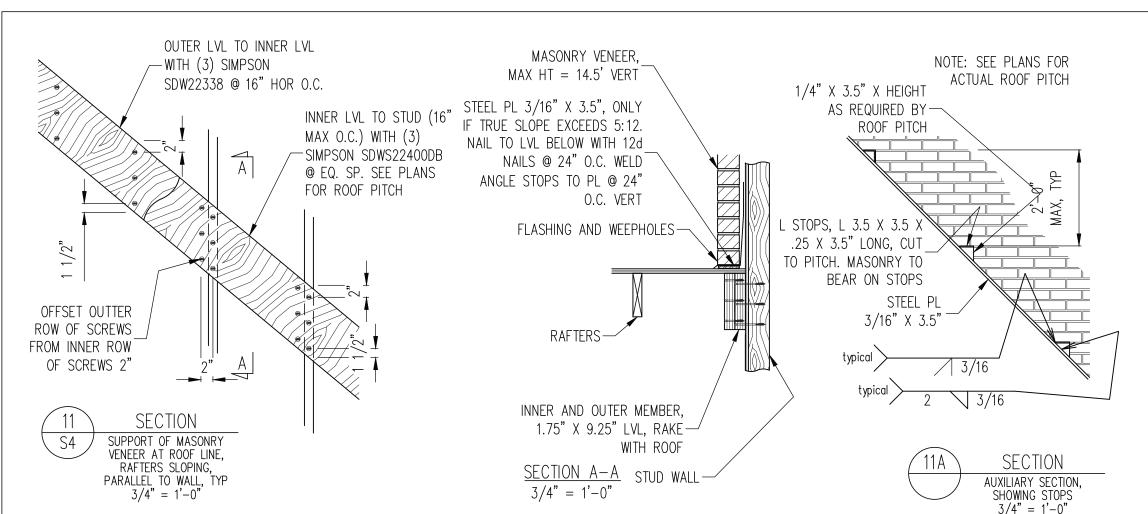
ENG: KWT/CR
DATE: 5/30/2023

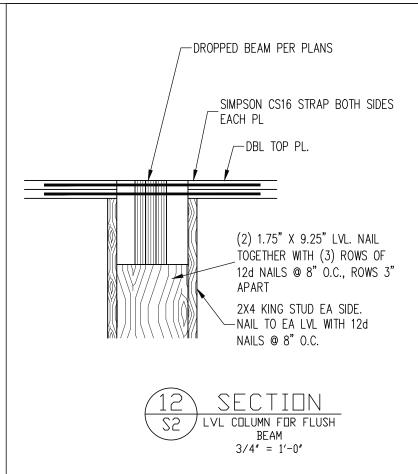
PLAN

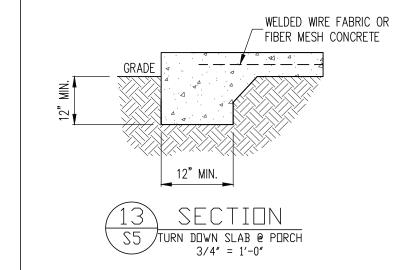
M026-23
PROJECT NO.
23-21-095GR

SHEET NO.
SD1
6 of 7

35







CONSTRUCTION SPECIFICATIONS

- .01 CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL | 7.02 CLAY MASONRY UNITS SHALL CONFORM TO ASTM C62-17 GRADE SW CODE, 2018 EDITION.
- .02 DIMENSIONS SHOWN SHALL GOVERN OVER SCALE ON THESE DRAWINGS.
- INSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION. PART 2: DESIGN LOADS
- 2.01 DESIGN LOADS SHALL CONFORM WITH THE TABLE BELOW:

USE	LIVE LOAD (PSF)	DEAD LOAD (PSF)	0.01	STEEL WASHERS (ASTM F844-07a) FOR THE NUT / BOLT HEAD WHEN BOLTING WOOD MEMBERS. HOLES FOR BOLTS SHALL BE AISC STANDARD HOLES UNO	
LCONIES, DECKS, ATTICS WITH FIXED STAIR					
CESS, DWELLING UNITS INCLUDING ATTICS WITH ED STAIR ACCESS, STAIRS, FIRE ESCAPES	ł 40	10	8.02	LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1-1981. PILOT HOLES SHALL BE USED FOR LAG SCREW INSTALLATION AND SHALL BE BORED ACCORDING TO	
GARAGES (PASSENGER CARS ONL	Y) 50			NDS SPECIFICATIONS. INSTALL STANDARD STEEL WASHERS (ASTM F844-07a) FOR SCREW HEAD	

20 10 (15 FOR VAULTS)

NOTES: - INDIVIDUAL STAIR TREADS ARE TO BE DESIGNED FOR THE UNIFORMLY DISTRIBUTED LIVE LOAD OF 40 PSF OR A 300 LB. CONCENTRATED LOAD ACTING OVER AN AREA OF 4 SQ. WHICHEVER PRODUCES THE GREATER STRESS.

ATTICS (WITH STORAGE)

2.02 INTERIOR WALLS: 5 PSF LATERAL.

THESE CONDITIONS

- .03 BASIC WIND DESIGN VELOCITY OF 120 MPH.
- 2.04 SOIL BEARING CAPACITY 2000 PSF (PRESUMPTIVE).
- 3.01 WIDE FLANGE BEAMS AND TEE SECTIONS SHALL CONFORM TO ASTM A992 MINIMUM
- 3.03 STEEL PIPE SHALL CONFORM TO ASTM A53 GRADE B, TYPE S, MINIMUM GRADE
- 5.05 STRUCTURAL STEEL CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL

- PART 5: CONCRETE AND SLABS ON GRADE CAST IN PLACE CONCRETE SHALL BE OF NORMAL WEIGHT, 4-6% AIR ENTRAINMENT, FOR
- ACCORDANCE WITH THE SPECIFICATIONS OF ACI 318, LATEST EDITION.
- POLYPROPYLENE FIBRILLATED MICRO FIBERS, FIBER LENGTH 1 1/2", DOSAGE RATE 1 1/2 LBS/CU YD. SLAB TO BE PLACED ON A 6 MIL VAPOR BARRIER ON 4" MIN GRANULAR FILL ON SOIL WITH 90% MIN STANDARD PROCTOR DENSITY. VAPOR BARRIER MAY BE OMITTED FOR SLABS NOT IN ENCLOSED AREAS

PART 6: REBAR AND WIRE REINFORCEMENT

- 6.01 REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615 GRADE 60 TYP UNO 6.02 LAP SPLICES SHALL BE CLASS B AS DEFINED BY ACI 318, TYP UNO
- 6.03 WIRE REINFORCEMENT SHALL BE 9 GA AND SHALL CONFORM TO ASTM A1064. PART 7: MASONRY
- 7.01 CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND C55, NORMAL WEIGHT,

NOTES

THE BUILDER IS RESPONSIBLE FOR REVIEWING PLANS PRIOR TO CONSTRUCTION. THE BUILDER

SHALL IMMEDIATELY CONTACT THE ENGINEER OF RECORD (EOR) BEFORE PROCEEDING IF THE

ANY ERRORS DUE TO A FAILURE TO FOLLOW THE ABOVE PROCEDURES SHALL NOT BE THE

RESPONSIBILITY OF THE EOR. FURTHERMORE, IT IS THE RESPONSIBILITY OF THE BUILDER TO

ENSURE THAN ANY REVISIONS ISSUED BY THE EOR ARE PROMPLY DISTRIBUTED TO THE

THE EOR DOES NOT PERFORM FENESTRATION OR VENTING CALCULATIONS OR ANY OTHER

ROOF AND FLOOR TRUSSES TO BE DESIGNED BY AN ENGINEER REGISTERED BY THE STATE. FINAL FL PL FLITCH PLATE FLOOR

CALCULATIONS THAT ARE NOT DIRECTLY RELATED TO STRUCTURAL ENGINEERING.

FOLLOWING CONDITIONS ARE NOTED BEFORE OR DURING CONSTRUCTION:

2) THE PLANS CONTAIN DISCREPANT OR INCOMPLETE INFORMATION

) THE WORKING PLANS DO NOT BEAR THE SEAL OF THE EOR

TRUSS DRAWING SHOULD BE SUBMITTED TO THE EOR FOR REVIEW

f'M = 1,500 PSI MIN

- 1.05 METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR, WHO SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND TO THE SPECIFICATIONS OF ACI 530

USE	LIVE LOAD (PSF)	DEAD LOAD (PSF)		STEEL WASHERS (ASTM F844- MEMBERS. HOLES FOR BOLTS
BALCONIES, DECKS, ATTICS WITH FIXED STAIR ACCESS, DWELLING UNITS INCLUDING ATTICS WIT	ΓH		8.02	LAG SCREWS SHALL CONFORM
FIXED STAIR ACCESS, STAIRS, FIRE ESCAPES	40	10		SHALL BE USED FOR LAG SO
GARAGES (PASSENGER CARS ON	LY) 50			NDS SPECIFICATIONS. INSTAL SCREW HEAD
ATTICS (NO STORAGE, LESS THAN 5' HEADROO	OM) 10	10	8 03	VINCHUB BUDS VIN BULLS S

- BUILDER TO VERIFY DEAD LOAD DOES NOT EXCEED 10 PSF WHEN HEAVY FLOOR OR ROOF FINISHES SUCH AS TILE OR SLATE ARE UTILIZED. NOTIFY ENGINEERING UNDER

PART 3: STRUCTURAL STEEL

- 3.02 SQUARE AND RECTANGULAR TUBING SHALL CONFORM TO ASTM A500 GRADE B MINIMUM
- 3.04 ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 MINIMUM GRADE

- .01 WELDING ELECTRODES SHALL BE E70XX AND ALL WELDING SHALL BE PERFORMED BY AN 13.01 FLITCH PLATE BEAMS SHALL CONSIST OF A CONTINUOUS STEEL PLATE BOLTED BETWEEN AWS CERTIFIED WELDER
- EXTERIOR CONCRETE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS TYP UNO. ALL ITEMS NOTED AS 'CONCRETE' ARE TO BE CAST IN PLACE,
- 5.02 REINFORCED CAST IN PLACE CONCRETE SHALL BE PROPORTIONED, MIXED AND PLACED IN
- 03 SLABS ON GRADE, IF ANY, SHALL BE CAST IN PLACE, CONTAIN SYNTHETIC

- 7.03 MORTAR SHALL BE TYPE S. MORTAR AND GROUT SHALL CONFORM TO ASTM C476, MIN
- COMPRESSIVE STRENGTH OF 2000 PSI.
 - 7.05 LADDER WIRE REINFORCEMENT SHALL CONFORM TO ASTM A951. 6" MIN LAPS FOR CONTINUOUS WALL APPLICATIONS

PART 8: BOLTS AND LAG SCREWS

- 8.01 BOLTS SHALL CONFORM TO ASTM A307 MINIMUM GRADE TYP UNO. INSTALL STANDARD FOR THE NUT / BOLT HEAD WHEN BOLTING WOOD BE AISC STANDARD HOLES UNO ANSI/ASME STANDARD B18.2.1-1981. PILOT HOLES
- 8.03 ANCHOR RODS AND BOLTS SHALL CONFORM TO ASTM F1554-15 GRADE 36 UNO. BENT
- ANCHOR BOLTS SHALL HAVE A 2" MIN HOOK UNO PART 9: DRIVEN FASTENERS
- NAILS, SPIKES AND STAPLES SHALL CONFORM TO ASTM F 1667- 05. NAILS ARE TO BE COMMON WIRE OR BOX
- 10.01 SOLID SAWN WOOD FRAMING DESIGN IS BASED ON NO. 2 SPRUCE PINE FIR OR SYP #2 FOR JOISTS, RAFTERS, GIRDERS, BEAMS, STUDS, ETC. MINIMUM ALLOWABLE DESIGN PROPERTIES ARE AS FOLLOWS: E= 1,400,000 PSI, F_c perp = 425 PSI, F_v = 285 PSI, SPECIFIC GRAVITY = 0.42 MIN

$F_b = 875 \text{ PSI FOR } 2X4, 2X6, 2X8. F_b = 800 \text{ PSI FOR } 2X10\text{'S}, 750 \text{ PSI FOR } 2X12\text{'S}$ PART 11: ENGINEERED LUMBER

- 11.01 LVL OR PSL MINIMUM ALLOWABLE DESIGN PROPERTIES ARE AS FOLLOWS: = 1,900,000 PSI, F_b = 2600 PSI, F_v = 285 PSI, F_c perp = 750 PSI .SL MINIMUM ALLOWABLE DESIGN STRESSES ARE AS FOLLOWS: $E= 1.3 \text{ X } 10E6 \text{ PSI}, F_b = 1700 \text{ PSI}, F_v = 400 \text{ PSI}, F_c \text{ perp} = 680 \text{ PSI}$
- 1.02 LVL OR PSL MEMBERS MAY BE RIPPED FROM DEEPER MEMBERS TO MATCH THE MEMBER DEPTH SPECIFIED IN THE PLANS

PART 12: PRESSURE TREATED LUMBER

2.01 LUMBER IN CONTACT WITH THE GROUND, CONCRETE OR MASONRY SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD C-15. ALL OTHER EXPOSED LUMBER SHALL BE TREATED IN ACCORDANCE WITH AWPA STANDARD C-2 OR BY ANY METHOD SIVING EQUAL PROTECTION. THE BUILDING CODE OFFICE MAY ALSO APPROVE A NATURAL

PART 13: STEEL FLITCH PLATE BEAMS

DECAY RESISTANT WOOD PER SECTION 19-6(A)

TWO PIECES OF CONTINUOUS LUMBER AS SIZED ON THE PLANS. BOLT PIECES TOGETHER USING 1/2" Ø BOLTS SPACED AT 16" O.C. STAGGERED TOP TO BOTTOM OF THE BEAM. MAINTAIN A 2" EDGE DISTANCE. PLACE TWO BOLTS, ONE ABOVE THE OTHER, 16" MAX FROM EACH END OF THE BEAM. TYP UNO

PART 14: STUD SUPPORTS FOR BEAMS

B. BOTH

BTWN BETWEEN

CONC CONCRETE

DIA DIAMETER

DBL DOUBLE

EQ EQUAL

EA EACH

FLG FLANGE

B.E. BOTH ENDS

CIP CAST IN PLACE

DJ DOUBLE JOIST

DSP DBL STUD POCKET

CS CONTINUOUS SHEATHING

- 4.01 STEEL, ENGINEERED LUMBER, AND FLITCH PLATE BEAMS BEARING ON A STUD WALL SHALL BEAR AS FOLLOWS: -WHEN THE BEAM IS PERPENDICULAR TO, OR SKEWED RELATIVE TO THE WALL, THE BEAM SHALL BEAR FULL WIDTH ON THE SUPPORTING WALL INDICATED AND SHALL BE SUPPORTED BY A MINIMUM OF THREE GANGED STUDS, OR A GANGED STUD COLUMN WITH A NUMBER OF STUDS SUCH THAT THE STUD COLUMN IS AT LEAST AS WIDE AS THE TRUE WIDTH OF
- THE BEAM BEING SUPPORTED, WHICHEVER IS GREATER, TYP UNO. FOR THE SKEWED CONDITION PARTICULAR CARE SHALL BE TAKEN TO ENSURE STUD COLUMN IS CENTERED ON 2-BEAMS BEARING ONTO THE END OF A STUD WALL PARALLEL TO THE BEAM SHALL BEAR
 A MINIMUM OF 4 1/2" ONTO THE WALL AND BE SUPPORTED BY A TRPL STUD GANGED COLUMN TYP UNO.

TO BE SUPPORTED BY (3) STUDS). FOR THE SKEWED CONDITION PARTICULAR CARE SHALL BE TAKEN TO ENSURE STUD COLUMN IS CENTERED ON THE BEAM

ABBREVIATIONS

TJ TRIPLE JOIST

UNO UNLESS NOTED

OTHERWISE

XJ EXTRA JOIST

TSP TRIPLE STUD POCKE

TYP TYPICAL

TRPL TRIPLE

FND FOUNDATION

HDG HOT DIPPED

GALVANIZED

LUMBER

O.C. ON CENTER

NTS NOT TO SCALE

LUMBER PT PRESSURE TREATED

QJ QUAD JOIST

SQ SQUARE

LVL LAMINATED VENEER

PSL PARALLEL STRAND

SP SPACE (OR SPACING)

SSP SINGLE STUD POCKET

FTG FOOTING

HGR HANGER

4.02 DIMENSIONAL LUMBER BEAMS BEARING ON A STUD WALL SHALL BEAR AS FOLLOWS: -WHEN THE BEAM IS PERPENDICULAR TO, OR SKEWED RELATIVE TO THE WALL, THE BEAM SHALL BEAR FULL WIDTH ON THE SUPPORTING WALL INDICATED (LESS 1 1/2" TO ALLOW FOR A CONTINUOUS RIM JOIST WHERE APPLICABLE) AND SHALL BE SUPPORTED BY A GANGED STUD COLUMN THE SAME WIDTH AS THE BEAM TYP UNO. (E.G. A TRIPLE 2X10 IS

- -BEAMS BEARING ONTO THE END OF A STUD WALL PARALLEL TO THE BEAM SHALL BEAR A MINIMUM OF 3" ONTO THE WALL AND BE SUPPORTED BY A DBL STUD GANGED COLUMN
- 14.03 EXTRA JOISTS BEARING ON A STUD WALL PERPENDICULAR TO OR SKEWED RELATIVE TO THE BEAM SHALL BE SUPPORTED BY ONE ADDITIONAL STUD.
- 14.04 STUDS THAT ARE GANGED TO FORM A COLUMN SHALL HAVE ADJACENT STUDS WITHIN THE COLUMN NAILED TOGETHER WITH ONE ROW OF 10d NAILS AT 8" O.C. (TWO ROWS OF 10d NAILS @ 8" O.C., 3" APART, FOR 2X8 OR 2X10 STUDS) ALL COLUMNS SHALL BE CONTINUOUS DOWN TO THE FOUNDATION OR OTHER PROPERLY DESIGNED STRUCTURAL ELEMENT SUCH AS A BEAM. COLUMNS TRANSFERRING LOADS THROUGH FLOOR LEVELS SHALL BE SOLIDLY BLOCKED FOR THE FULL WIDTH OF THE STUD COLUMN WITHIN THE CAVITY FORMED BY THE

PART 15: NAILING OF MULTI PLY WOOD BEAMS

FLOOR JOISTS.

- SOLID SAWN LUMBER JOISTS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM NAILED TOGETHER WITH THREE ROWS OF 10d NAILS @ 16" O.C. FOR 2X10 OR LARGER, TWO ROWS OF 10d NAILS @ 16" O.C. FOR 2X8, ONE ROW OF 10d NAILS @ 16" O.C. FOR 2X6 OR SMALLER. STAGGER ROWS 5" MIN.
- D2 LVL MEMBERS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM FASTENED TOGETHER PER MANUFACTURERS RECOMMENDATIONS, TYP

PART 16: WALL FRAMING AND BRACING

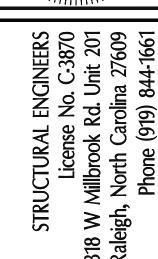
- 16.01 STUD WALLS SHALL CONSIST OF 2X4 STUDS SPACED AT 16" O.C. UNO. STUDS SHALL BE CONTINUOUS FROM SOLE PLATE AT FLOOR TO DOUBLE TOP PLATE AT THE CEILING OR ROOF. NO INTERMEDIATE BANDS OR PLATES SHALL CAUSE DISCONTINUITIES IN A STUD WALL EXCEPT AS REQUIRED FOR DOOR OR WINDOW OPENINGS. THE KING STUDS FOR SUCH OPENINGS SHALL BE CONTINUOUS, TYP UNO.
 - MAX ALLOWABLE WALL HEIGHTS FOR EXTERIOR STUD WALLS, INCLUSIVE OF SOLE PLATE AND DBL TOP PLATE AND 7/16" OSB EXTERIOR BRACING AND ROW OF 2X4 2X6 PURLINS AT 8' HEIGHT (AND AT 16' HEIGHT FOR TALL WALLS), TYP UNO: 2X4 @ 16" O.C.: 11'-1 1/2" 2X6 @ 16" O.C.: 17'-0" 2X4 @ 12" O.C.: 12'-1 1/2" 2X6 @ 12" O.C.: 18'-8" DBL 2X4 @ 16" O.C.: 13'-4" DBL 2X6 @ 16" O.C.: 21'-0"

16.02 FOR WALL BRACING THE FOLLOWING SHALL APPLY: -BLOCKING AT UNSUPPORTED PANEL EDGES IS REQUIRED TYP UNO -WALL BRACING IS BY ENGINEERED DESIGN AND NOT PRESCRIPTIVE PER SECTION 602.10 OF THE 2018 NCRC. CONTINUOUS SHEATHING HAS BEEN PROVIDED. ALONG WITH ALTERNATIVE METHODS TO INSURE THE MINIMUM INTENT OF SECTION 602.10 OF THE 2018 NCRC HAS BEEN MET AND EXCEEDED. -BRACED WALL PANELS SHALL BE FASTENED IN ACCORDANCE WITH TABLE 602.3(1) TO

- PROVIDE CONTINUOUS PANEL UPLIFT RESISTANCE AND COMPLIANCE WITH NCRBC R602.3.5 AND R802.11 UNLESS NOTED OTHERWISE ON STRUCTURAL PLANS. -MAY SUBSTITUTE WSP FOR GB -SINGLE JOIST, CONTINUOUS RIM JOIST, OR BLOCKING OF EQUAL DEPTH IS REQUIRED ABOVE AND BELOW ALL BRACED WALLS. NAIL BLOCKING ABOVE WALL TO TOP PLATE WITH 16d TOE NAILS @ 6" O.C. NAIL SOLE PLATE OF BRACED WALL TO BLOCKING BELOW WITH (3) 16d NAILS @ 16" O.C. BLOCKING AT HORIZONTAL JOINTS IN BRACED WALL LINES ONLY REQUIRED AT SHADED WALLS, UNO. PART 17: KING STUDS
- .01 KING STUDS FOR OPENINGS IN EXTERIOR WALLS SHALL BE AS FOLLOWS:

NUMBER OF KING STUDS MAX OPENING WIDTH 5'-0" 9'-0" 13'-0" 17'-0" 21'-0"

- MATERIAL OR MEMBER SIZE SUBSTITUTIONS OR PLAN DEVIATIONS REQUIRE THE WRITTEN AUTHORIZATION OF THE DESIGNERS. UNAUTHORIZED DEVIATIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- PART 19: OWNERSHIP OF STRUCTURAL DESIGN
- 19.01 THE STRUCTURAL DESIGN OF THIS PLAN IS THE PROPERTY OF ENGINEERING TECH ASSOCIATES (ETA). THESE PLANS ARE FOR THE ONE TIME USE AT THE LOCATION INDICATED AND FOR THE CLIENT LISTED. ETA ASSUMES NO LIABILITY FOR THESE PLANS IF THEY ARE REPRODUCED, IN WHOLE OR IN PART, FOR CONSTRUCTION AT ANY OTHER LOCATION WITHOUT WRITTEN PERMISSION FROM ETA





ENG: KWT/CR DATE: 5/30/2023

PLAN

PROJECT NO. 23-21-095GR

SHEET NO. SD2

M026-23

of 7

ENGINEERING SEAL VALID FOR 1 YEAR ONLY.

The structural design of this plan is the property of Engineering Tech Associates, P.A. These plans are for the client listed only. Engineering Tech Associates, P.A. assumes no liability for these plans if construction or permitting takes place more than 1 year after the seal date without written permission from Engineering Tech Associates, P.A.

I, Joseph Hoffheimer, hereby certify that all property owners within 100 feet of and the owners of PIN 9864883297 (the affected property) have been sent a letter of notification of the Certificate of Appropriateness application before the Historic District Commission by first class mail in accordance with the Hillsborough Zoning Ordinance.

7/23/2025 Joseph Hoffheimer

Date (for Hillsborough Planning Department)

PIN	OWNER1_LAST	OWNER1_FIRST	OWNER2_LAST	OWNER2_FIRST	ADDRESS1	ADDRESS2	CITY	STATE	ZIPCODE
9864881186	BROOKS	SADIE B			318 UNION ST		HILLSBOROUGH	NC	27278
9864881288	BURTON ASSETS				307 MITCHELL ST		HILLSBOROUGH	NC	272782129
9864882167	CARTER	MARGARET G ETAL	FREELAND	SHARON S	316 W UNION ST		HILLSBOROUGH	NC	27278
9864882268	BURTON	ANN SMITH	BURTON	CHARLES MICHAEL	307 MITCHELL ST		HILLSBOROUGH	NC	27278
9864882593	HEELSBOROUGH				104 FOX HILL FARM		HILLSBOROUGH	NC	27278
9864883194	HAWKSWORTH	BARBARA			312 W UNION ST		HILLSBOROUGH	NC	27278
9864883297	HTKT INVESTME				6325 FALLS OF THE	STE 35-320	RALEIGH	NC	27609
9864883584	MATTISON	WILLIAM E	MATTISON	VICTORIA P	310 W ORANGE ST		HILLSBOROUGH	NC	27278
9864884297	HOME 4 U LLC				721 BORLAND RD		HILLSBOROUGH	NC	27278
9864885101	DAVIS	JANE B			306 W UNION ST		HILLSBOROUGH	NC	27278
9864885157	WATSON	BETTY HAYES			311 N ENGLISH HII	l	HILLSBOROUGH	NC	272786508
9864885242	MADLON KAY	SETH	WALKER	ASHLEY N	405 N HASELL ST		Hillsborough	NC	27278
9864885255	BEERY	NICHOLAS P	BEERY	LAURA F	110 TRANQUILITY	1	HILLSBOROUGH	NC	27278
9864885361	LEWIS	ANNA CHRS ET AL	LEWIS	TOM ANDREW TRU	409 N HASSELL ST		HILLSBOROUGH	NC	27278
9864885594	JOHNSON	DONALD S	JOHNSON	DEBORA A	9607 HANOVER RI	I	CHARLOTTE	NC	28210



ITEM #7. A:

Address: 208 S. Cameron St.

Year Built: c. 1985

Historic Inventory Information (2013)

Symmetrical in form, the Colonial Revival-style building has a one-and-a-half-story, five-bay-wide, side-gabled core that is flanked by one-story, side-gabled hyphens that connect to one-story, front-gabled wings on the right (north) and left (south) elevations. The building has a Flemish bond brick veneer, twelve-over-twelve wood-sash windows with flat brick arches on the first floor, six-over-nine windows in the gabled dormers, and a modillion cornice. The double-leaf, twelve-light-over-one-panel doors are inset slightly in a paneled bay with a six-light transom. The entrance surround features columns supporting a classical entablature with modillion cornice. There are six-over-nine windows on the hyphens and the front-gabled wings have faux interior gable-end brick chimneystacks and eight-over-twelve wood-sash windows. The site slopes down to the rear to reveal a basement level. The building was constructed before 1988.

Proposed work

- West-facing addition in existing courtyard area
- New accessible ramp
- Loading dock

Application materials

- COA application
- Narrative
- Existing photos
- Site plan
- Floor plan
- Materials letter
- Photo examples of other additions

Applicable Design Standards

• Exterior Walls: 1,8, 11

Windows: 10 Doors: 10 Roofs: 12

Accessibility and Life Safety: 1, 4

Additions to Commercial Buildings: 1 − 14

• *Utilities:* 2-4. 7

• Walkways, Driveways, and Off-Street Parking: 8-11

• Awnings and Canopies: 6-10

Staff Comments

- Any unspecified materials still need to be confirmed.
- Other standards for *Exterior Walls, Windows, Doors,* and *Roofs* may be relevant but are oriented more toward historic structures.
- Staff had concerns about the gabled parapet (including the false louvre) and how it obstructs the existing gables on what could be considered a character-defining elevation. Staff are unaware of any similar additions in the local historic district, but the applicant has cited the old jail annex as an example.



Certificate of Appropriateness and Minor Works

Planning and Economic Development Division 101 E. Orange St., PO Box 429, Hillsborough, NC 27278 919-296-9470 | Fax: 919-644-2390 planning@hillsboroughnc.gov www.hillsboroughnc.gov

APPLICATION

TOWN OF HILLSBOROUGH

9874	_15	3612	Hillsborou	ıgh	208 S. Cameron St.		
Orange County Parcel ID Number			Zoning Distric	t	Address of Project		
Drew W	/ilgus			Orange County Asset Management (Angel Barnes)			
Applicant Na	ame			Property Owner (if different than applicant)			
4600 La	ake Bo	oone Tr., Ste 20	306 Revere Rd., A102				
Applicant's I	Mailing A	Address		Property Owner's Mailing Address			
Raleigh	, NC,	27607		Hillsborough, NC 27278			
City, State Z	IP	,		City, State ZIP			
919-455	5-422	7		919-610-8182			
Applicant Ph	one Nur	nber		Property Owner's Phone Number			
dwilgus@smithsinnett.com				abarnes@orangecountync.gov			
Applicant's Email				Property Owner's Email			
Description	Description of Proposed Work: 1,800sf infill expansion of existing building courtyard						
	Estimated Cost of Construction: \$820,000						

The Historic District Design Standards, Exterior Materials Compatibility Matrix, and Certificate of Appropriateness

application process can be found on the Town of Hillsborough's website: https://www.hillsboroughnc.gov/hdc.

Applicant and Owner Acknowledgment and Certification

I am aware that Historic District Design Standards, Exterior Materials Compatibility Matrix, and Unified Development Ordinance requirements are the criteria by which my proposal will be evaluated for compatibility, and I certify that I, and/or my design professional under my direction, have reviewed my application materials with Planning Staff for compliance to the standards in those adopted documents. I understand that I, or my representative, must attend the HDC meeting where this application will be reviewed. I further understand that town employees and/or commissioners may need access to my property with reasonable notice to assess current conditions, and to assist them in making evidence-based decisions on my application and that I am not to speak to any commissioner about my project until the public meeting at which it is under consideration.

Cingulaines for large County 8/13/2025
Property Owner's Signature (Required) Date

Submittal Requirements

The following documents and plans are required to accompany your COA application in order for it to be deemed complete and scheduled for commission review. Planning staff will determine when all submittal requirements have been met. The first FOUR complete COA applications submitted by the deadline will be heard on any HDC agenda.

All applications must include the following documents and plans: (Provide a digital copy if plans are larger than 11"x17")

- Detailed narrative describing the proposed work and how it complies with all adopted standards.
- Existing and Proposed Dimensioned Plans (see below):
 - Site Plan (if changing building footprint or adding new structures, impervious areas or site features, including hardscaping)
 - Scaled Architectural Plans (if changing building footprint or new construction)
 - Scaled Elevations (if adding or changing features of a structure)
 - Landscaping Plans (required for all new construction and for significant landscaping or tree removal and re-planting)
 - Tree Survey (required for new construction when trees over 12" diameter at breast height are on site show both existing and those to be removed)
 - Sign Specifications (if adding, changing, or replacing signage)
- ltemized list of existing and proposed exterior materials including photos and specifications, colors, etc. (Siding, trim and fascia, roof and foundation materials, windows, shutters, awnings, doors, porch and deck flooring, handrails, columns, patios, walkways, driveways, fences and walls, and signs, etc.).
- Photographs, material samples, examples of comparable properties in the district (if using them as basis for specific designs), plans, or drawings that will help to clarify the proposal, if applicable, or if required by staff as part of the review.

Staff Use Only:

COA fee (\$1 per \$1000 of construction comming Works fee (\$1 per \$1000 of constr	•	Amount: \$ <u>820</u>
☐ After-the-fact application (\$300):		Amount: \$
		Total Due: \$ <u>820</u>
Receipt #: 5HKT4NC4P7	eceived by: <u>Dakotah Kimbrou</u>	gh Date: <u>8/13/2025</u>
This application meets all Unified Develop for compliance with all approved material	•	nd has been reviewed
□ N/A □ Yes	Zoning Officer:	-
This application meets public space division	on requirements.	
□ N/A □ Yes	Public Space Manger:	MARIAMATAN NI ATTA
Historic Architectural Inventory Informat	ion	
Original date of Construction:		
Description of the Property:		
Applicable Design Standards: Other reviews needed? Hillsborough Zoning Compliance Perm	nit Orange County Building F	^p ermit □ Other:
Minor Works Certificate of Appropriaten ☐ Approved ☐ Referred to HDC	• •	
Minor Works Reference(s):		
Certificate of Appropriateness Decision ☐ Approved ☐ Denied	Commission Vote:	
Conditions or Modifications (if applicable)	:	
	Historic District Staff Signat	ure Date
	mistoric District Start Signat	uic Date



Orange County Board of Elections Expansion

208 South Cameron Street Hillsborough, NC Owner: Orange County Asset Management

Date: 8-12-2025

Submission: 8-13-2025 Certificate of Appropriateness

Project Number: 2024022

Design Narrative

Project Background:

Orange County Asset Management is seeking to expand the OC Board of Elections building located at 208 S. Cameron Street in Hillsborough. The BOE is responsible for coordinating elections for the county which includes storing and deploying voting equipment and materials. The existing building is comprised of offices, meeting rooms, workrooms and storage as well as a large unoccupied attic. The county would like to expand the building by roughly 1800sf. to enlarge the voting machine storage room and the boardroom space. The current main corridor that bisects the building and is the acting primary egress will be extended as part of the expansion, maintaining the same general exit strategy.

Currently, the building has an elevated terrace located at the rear of the building that is inset to create a courtyard. The existing courtyard space collects exiting on three sides from the building's interior which access the terrace level through separate steps, two of which have architectural awnings. The terrace is about 30 inches tall and the main floor is an additional three feet above the terrace level. The terrace walls and patio are constructed with brick. HVAC units are located in the corners of the terrace, against the building and screened with pierced brick walls.

Project Siting:

The facility shares a large downtown parcel with other government facilities (north) and is located opposite residences on the Cameron Street (east) side of the building. Parking is located at the south and west sides of the building. The expansion will infill the terrace level at the rear(west) and the building envelope will remain within the current footprint of the terrace. A pedestrian ramp will be added for accessibility along the west elevation of the building. This ramp has been determined to not be required by code which the county code official has confirmed. Therefore, the pedestrian ramp will be a design alternate for the owner to consider if budget allows once it is bid. A second ramp will be added to the south side of the building, where a public parking lot is located, for a new loading dock entrance in the voting machine storage room.

The southwest corner of the building currently resides in the 100-year flood plain and the basement level is prone to flooding. As currently designed, the only portion of new construction that encroaches on the flood plain is the loading dock ramp. The project will be seeking a variance through the Board of Adjustment to keep the ramp where currently proposed on the grounds that flooding of such an improvement would not result in any significant damage.



Guideline Conformance:

Overall, it is the intent for the design of the addition to match the existing architecture in language and material. The owner's preference for the HVAC units to be elevated and out of the flood plain drove the decision for the addition to have a low slope roof. A gabled parapet referencing the profile of the existing "wings" helps to screen the roof equipment. Since the new exterior wall is in line with the existing, insets on either side of the gable provide dimensional relief and maintain comparable scale and proportion.

Materials:

The colonial pallet will be maintained with brick that matches the existing and with Flemish bond and grapevine struck mortar joints. Parapet coping will be cast stone. New exterior carpentry will be constructed of composite fiber cement for durability. Much of the existing wood trim has water damage.

Openings:

The owner would like to salvage and reuse existing windows to be demolished for the addition which are of good quality (Pella simulated divided lite) and only five years old. Casings and trim will also be salvaged for reuse and repaired as needed. Window heads around the building have jack arch brick lintels which will be conveyed the addition. The rear entry door will match the style of the existing door. Ideally, the existing door, sidelights and transom would be reused, however hardware updates and egress sizing may not permit this. A false louver is proposed in the gable. This will be composite or aluminum construction. Loading dock door and dock leveler will be painted to match other trim and metal work.

Railings:

Existing railings are ironwork style and will be matched with updated heights for guards and handrails added.

Roofing:

White membrane over insulation.

Walkway Modifications:

New stairs will be brick. Side walls of the pedestrian ramp will be brick with concrete walkway. The walkway from curb to steps will be brick maintained as brick to match existing. The loading dock ramp will be concrete.

smithsinnett ARCHITECTURE



Overall west elevation (building rear)



Site for addition in place of existing courtyard.

smithsinnett ARCHITECTURE



Southwest corner - Location of new loading dock ramp and coiling door



Rear entrance to be salvaged or emulated

smithsinnett ARCHITECTURE



Stair and railing detail



Window and brickwork detail



Existing rear entrance to be reused or emulated Light fixture detail. Round copper gutter and downspouts

SITE PLAN REVIEW ORANGE COUNTY BOARD OF ELECTIONS

ACCESSIBLE RAMP AND LOADING DOCK HILLSBOROUGH, NORTH CAROLINA

OWNER/APPLICANT ORANGE COUNTY BOARD OF ELECTIONS

P.O. BOX 220 208 S CAMERON STREET HILLSBOROUGH, NC 27278 TEL. (919) 245-2350

ARCHITECTURAL SMITH SINNETT ARCHITECTURE

4600 LAKE BOONE TRAIL SUITE 205, RALEIGH, NC 27607 TEL. (919) 781-8582

SITE/CIVIL

FINCH & ASSOCIATES, PLLC

3010 ANDERSON DRIVE SUITE 170, RALEIGH, NC 27609 TEL. (919) 833-1212



PRIOR TO ANY CONSTRUCTION ACTIVITY, UNDERGROUND UTILITY LOCATIONS SHOULD BE REQUESTED BY CALLING THE NORTH CAROLINA ONE CALL CENTER, INC. (1-800-632-4949).



GENERAL PROJECT NOTES

BOUNDARY AND TOPOGRAPHIC INFORMATION, UTILITIES, AND EXISTING STRUCURES SHOWN HEREIN WERE TAKEN FROM A SURVEY PROVIDED BY JOSE L. TORRES DATED MAY 29, 2025.

IMMEDIATELY REPORT ANY DISCREPANCIES TO THE ENGINEER FOR ADJUSTMENT. THE CONTRACTOR SHALL VERIFY SITE SOIL CONDITIONS AND NOTIFY THE ENGINEER OF THE

LOCATIONS FOR EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO SAME. SEE GRADING NOTES ON THE DRAWINGS FOR ADDITIONAL

CONTRACTOR SHALL AT ALL TIMES MAINTAIN ADEQUATE SAFETY MEASURES, ACTIVITIES, AND BARRICADES FOR THE PROTECTION OF ALL PERSONS ON OR ABOUT THE LOCATION OF THE

CONTRACTOR SHALL DELINEATE ALL DIRECTIONAL ARROWS, LANE MARKINGS, "STOP" BARS, ETC. AS SHOWN ON THE PLANS WITH TRAFFIC MARKING PAINT ACCORDING TO MANUFACTURER'S SPECIFICATIONS. USE WHITE COLOR.

THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

CONSTRUCTION ACTIVITIES. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE CITY OF HILLSBOROUGH STANDARDS

THERE ARE NO WETLANDS WITHIN THE PROJECT AREA.

ALL DIMENSIONS AND STAKING POINTS ARE TO BACK OF CURB UNLESS NOTED OTHERWISE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES AT THE SITE AND SHALL

PRESENCE OF ANY UNSUITABLE SOILS.

REQUIREMENTS AND PRECAUTIONS.

ALL ACCESSIBLE RAMPS AND PARKING SPACES SHALL CONFORM TO ADA STANDARDS. ALL SIGNS AND PAVEMENT MARKINGS SHALL ADHERE TO ALL APPLICABLE REQUIREMENTS OF

ALL PERMITS RELATIVE TO THIS PROJECT SHALL BE OBTAINED PRIOR TO BEGINNING ANY

AND SPECIFICATIONS. FEMA MAPPED FLOOD BOUNDARIES EXIST ON THE PROJECT SITE. SCHEDULE OF DRAWINGS

9874153612

208 S CAMERON ST

HILLSBOROUGH, NC 27278

HILLSBOROUGH, NC 27278

OI (OFFICE/INSTITUTIONAL)

GOVERNMENTAL (FEDERAL, STATE, LOCAL)

113 TM RIVERWALK

ORANGE COUNTY

OVERLAY DISTRICT: HDO (HISTORIC DITSTRIC OVERLAY)

EXEMPT-IMPROVED

PHYSICAL ADDRESS:144 E MARGARET LN

MAILING ADDRESS: P.O. BOX 8181

LO COVER SHEET LI.O EXISTING CONDITIONS AND DEMOLITION PLAN L2.O SITE PLAN

L2.I SECTION VIEWS L3.0 CONSTRUCTION DETAILS

A1-03 FIRST FLOOR DIMENSION PLAN A2-01 EXTERIOR ELEVATIONS

KING ST.

MARGARET L

SITE DATA

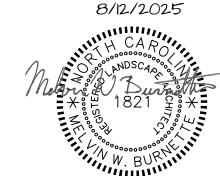
OWNER:

ZONING:

PROPERTY LUC:

EXEMPT TYPE:

A2-02 3D VIEWS



ECKED BY JFW ROJ. NO. **250**37 8/12/2025

GEOTHERMAL WELL FIELD

PB IIO PG 9I

RIM = 504.73 IN = 499.06

OUT = 499.06

REVISIONS

 \mathcal{C}

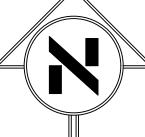
 $\mathcal{C}_{\mathcal{I}}$

O = O

₹ Ш

PROPOSED FINISHED BUILDING UDO REQUIREMENTS: I PARKING SPACE PER 300 SQ FT GFA (GROSS FLOOR AREA)

REQUIRED: 9,089/300= 31



SYMBOL	DESCRIPTION
/-12	CONTOURS
茶	ELECTRIC UTILITY
•	STORM STRUCTURE
	BUFFER
	EASEMENT
	RIVER
100-YR-	100- YEAR FLOOD
500-YR-	500- YEAR FLOOD
	STORM STRUCTURE
E	POWER STRUCTURE
T	POWER STRUCTURE
	SIGN
T	UNDERGROUND TELEPHONE
	UNDERGROUND ELECTRIC
— – –SS—	SANITARY SEWER PIPE
	MANHOLE

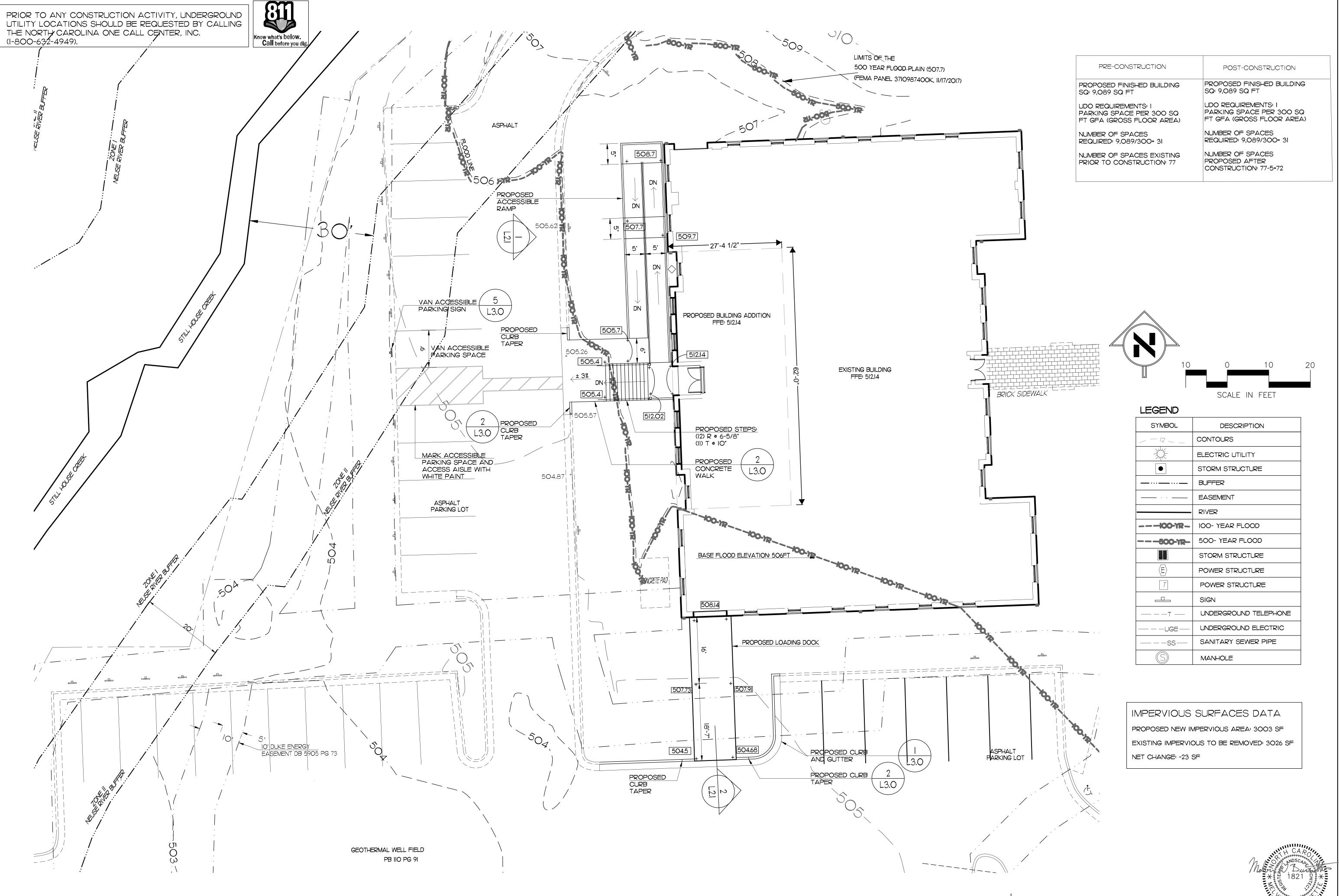
- TITLE REPORT, THEREFORE, THERE MAY BE ENCUMBERANCES

- THE CONTRACTOR SHALL REMOVE EXISTING STRUCTURES AND

- THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS PRIOR

8/12/2025

RAWN BY **MWE** HECKED BY JFW ROJ. NO. **250**37 8/12/2025 LI.O



REVISIONS

Finch & Associates 3010 Anderson Drive, Ste 170 | Raleigh, NC 27609 | T 919 | 833-1212 | F 919 | 834-3203 | NCBELS Lic. No. P-1845 | NCBOLA Lic. No. C-656

N G H & ASSOCIATES

BOARD OF ELECTIONS SAMERON ST, HILLSBOROUGH, NORTH CAR

DRAWN BY MWB
CHECKED BY JFW
PROJ. NO. 25037
DATE 8/12/2025

L2.O

ADA EXPANSION FOR ORANGE COUNTY
BOARD OF ELECTIONS
208 S CAMERON ST, HILLSBOROUGH, NC 27278

8/12/2025

DRAWN BY MWB

CHECKED BY JFW

PROJ. NO. 25037

DATE 8/12/2025

DRAWN BY MWB

REVISIONS

Finch & Associates 3010 Anderson Drive, Ste 1 Raleigh, NC 27609 T 919 | 833-1212 F 919 | 834-3203 NCBELS Lic. No. P-1845 NCBOLA Lic. No. C-656 4000 PSI CONCRETE

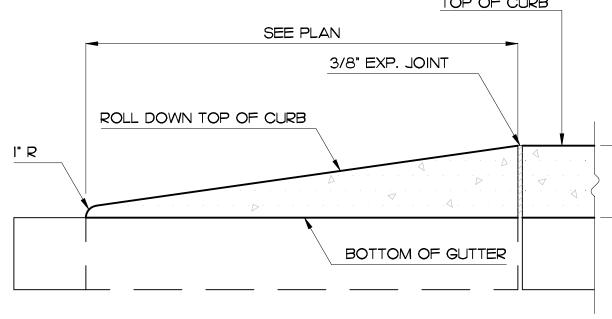
NOTES

PLACE CONTRACTION JOINTS AT IO' INTERVALS IF FORMED, OR 15' IF MACHINE PLACED.

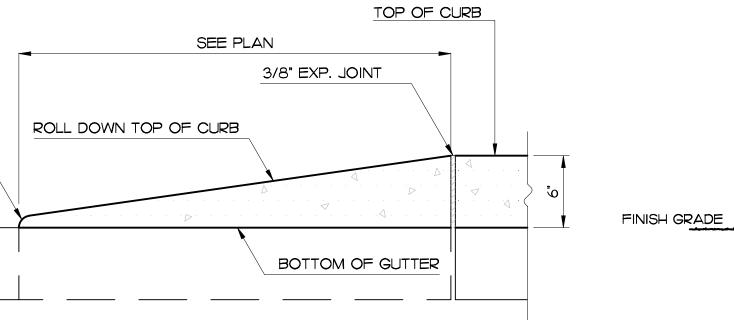
- 2. CONTRACTION JOINTS MAY BE INSTALLED WITH THE USE OF TEMPLATES. NON-TEMPLATE FORMED JOINTS SHALL BE A MINIMUM OF 1-1/2" DEEP.
- 3. CONSTRUCTION JOINTS SHALL BE FILLED WITH JOINT FILLER AND SEALER. 4. EXPANSION JOINTS (1/2") SHALL BE SPACED AT 90' INTERVALS, AND SHALL BE FILLED WITH JOINT FILLER AND SEALER.
- 5. TO INSURE PROPER DRAINAGE, CONSTRUCT CURB AND GUTTER WITH DEPRESSED GUTTER SECTION IN ANY LOCATIONS WHERE SURFACE OF ADJOINING PAVING SLOPES AWAY FROM THE CURB AND GUTTER.



24" CURB AND GUTTER SCALE: |" = |'-0"



CURB TAPER SCALE: I-1/2" = I'-O"



SECTION - WALK AT GRADE CONCRETE WALK

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

2) WALKS SHALL HAVE BROOM FINISH

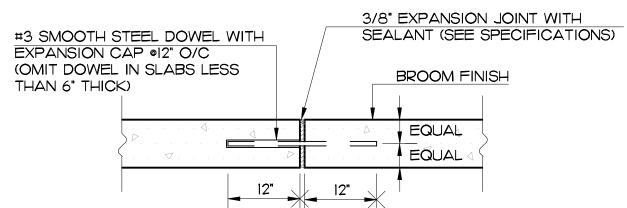
UNLESS OTHERWISE NOTED

3) SEE JOINTING DETAIL 4/L3.0

AS SHOWN ON PLAN

SLOPE I/4" PER FT.

BROOM FINISH SAW-CUT OR TOOLED JOINT DEPTH: 1/4 SLAB THICKNESS CONTRACTION JOINT



EXPANSION JOINT

NOTES

FINISH GRADE

I. ON CONCRETE WALKS, CONTRACTION JOINTS SHALL BE SPACED AT AN INTERVAL EQUAL TO THE WIDTH OF THE WALK, BUT SHALL NOT EXCEED 6' O.C. 2. ON CONCRETE WALKS, EXPANSION JOINTS SHALL BE PLACED AT A MAXIMUM

OF 30' O.C.

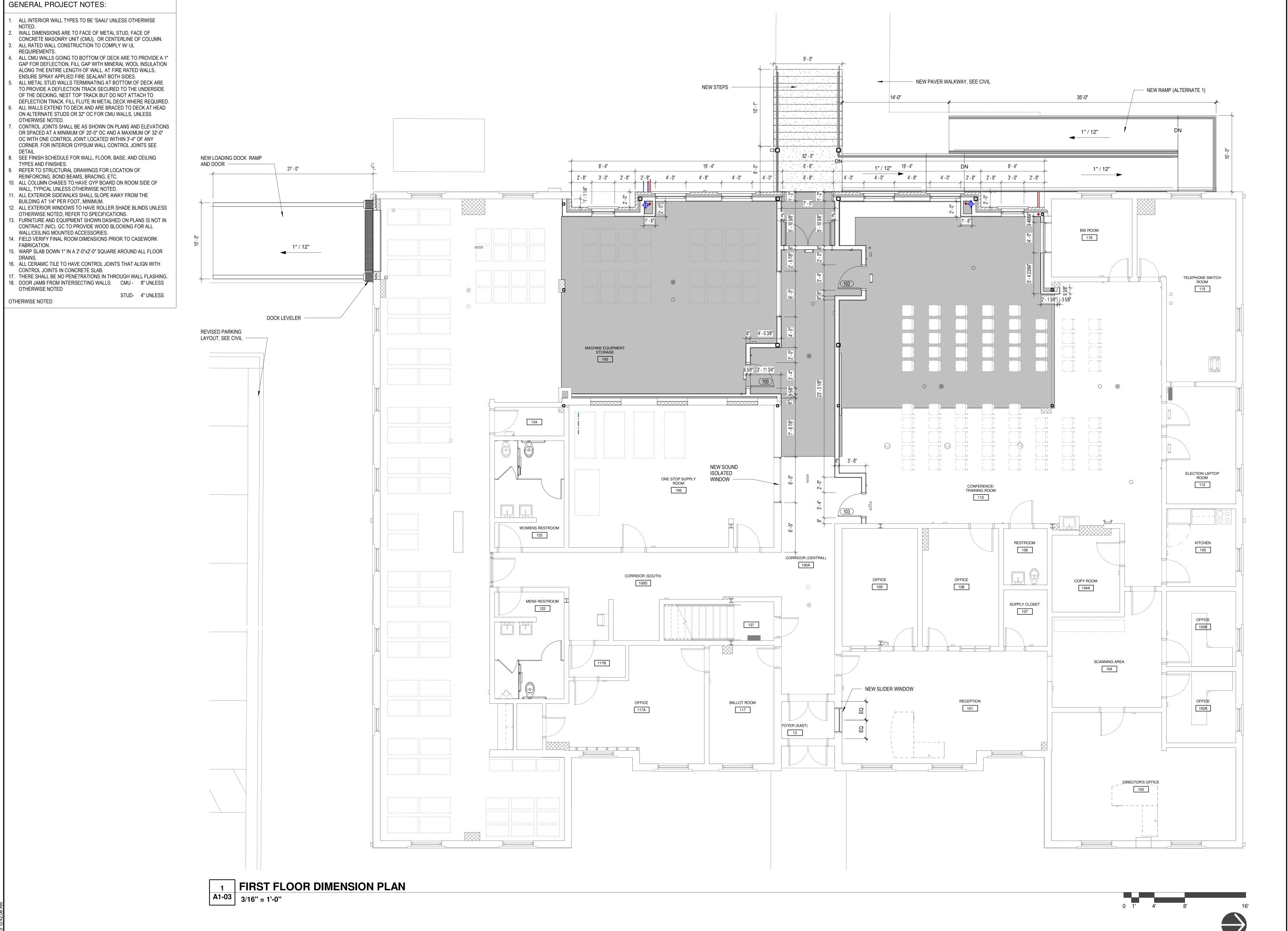


REVISIONS

Finch & Associates 3010 Anderson Drive, Raleigh, NC 27609 T 919 | 833-1212 F 919 | 834-3203 NCBELS Lic. No. P-13 NCBOLA Lic. No. C-6

27278

8/12/2025





T 919 781 8582 F 919 781 3979 4600 Lake Boone Trail Suite 205 Raleigh, NC 27607 info@smithsinnett.com



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THIS DRAWING IS FORMATTED TO BE

OF ELECTIONS BUILDING EXPANSION

ORANGE

ID DATE DESCRIPTION

DRAWN BY: NB/AH
CHECKED BY: DW
FIRST FLOOR
DIMENSION PLAN

2024022 01 JUL 2025

A1-03





3 WEST ELEVATION
A2-02



1 3D VIEW 01 A2-02



4 3D RENDER IMAGE 02 A2-02 1" = 1'-0"



2 3D RENDER IMAGE 01 A2-02 1" = 1'-0"

ID DATE DESCRIPTION

DRAWN BY: CHECKED BY:

3D VIEWS



August 28, 2025

RE: Orange County Board of Elections Expansion – Certificate of Appropriateness 208 South Cameron Street, Hillsborough, NC Orange County Asset Management Proj. # 2024022

Mr. Hoffheimer,

Thank you for your email requesting additional information about the materials proposed for the Orange County Board of Elections Expansion project. Please find the below response and do not hesitate to contact me with any additional requests.

Materials

A. Exterior Wall Assembly:

Outside

- a. Brick Flemish bond to match existing Basis of Design Triangle Brick, "Full Color Antique" (closest match).
- b. Air space
- c. 2" Rigid Insulation Board
- d. Fluid-applied Air Barrier
- e. 5/8" Glass Fiber Reinforced Gypsum Sheathing
- f. 6" Metal Stud Framing
- g. Gypsum Wall Board

Inside

Notes:

- 1. Backside of parapet Hardy panel rainscreen cladding painted white: The parapet will be too tall for roofing membrane cover.
- 2. Cast stone wall cap is proposed for the parapet section. Color: Limestone
- 3. Formed metal coping is proposed for top of inset walls on either side of the gable. Color to match existing edge metal (Dark Bronze)

B. Exterior Wood Carpentry

- a. Paneling, tongue and groove soffits(awning), trim board, molding. Composite Fiber cement. Painted to match existing trim.
- b. Window trim To be salvaged and reinstalled, any necessary replacement to match existing.

C. Roof Assembly:

- a. Existing and new awning: Existing shingle roofs shall remain. Back entrance awning shall have a shingle roof to match existing shingle roof. Headwall flashing copper
- b. Expansion Roof, Low slope: Single-ply membrane PVC roofing over coverboard over tapered roof insulation over metal deck.
- c. Gutters and downspouts: existing copper to remain or be modified with existing material.



D. Windows:

a. Salvaged and reinstalled: 8 windows are being demolished and 6 will be reused. All casings and trim to be salvaged and reused.

E. Exterior Doors:

- a. Door, transom and side lites salvaged from existing exit to be demolished Repaired as needed and updated with appropriate exit device for egress.
- F. Overhead coiling door at loading dock: Basis of design: Overhead Door, Model 627 Stormtite
- G. Dock Leveler: Basis of design: Global Industrial, Edge-of Dock Leveler FM-2072

Drew WilgusArchitect, Associate
SMITHSINNETTarchitecture





I, Joseph Hoffheimer, hereby certify that all property owners within 100 feet of and the owners of PIN 9874153612 (the affected property) have been sent a letter of notification of the Certificate of Appropriateness application before the Historic District Commission by first class mail in accordance with the Hillsborough Zoning Ordinance.

<u>8/20/2025</u> <u>Joseph Hoffheimer</u>

Date (for Hillsborough Planning Department)

PIN	OWNER1_LAST	OWNER1_FIRST	OWNER2_LAS	OWNER2_FIRS	ADDRESS1	ADDRESS2	CITY	STATE	ZIPCODE
9874058688	ORANGE	COUNTY			PO BOX 8181		HILLSBOROUGH	NC	27278
9874069059	ORANGE	COUNTY			PO BOX 8181		HILLSBOROUGH	NC	27278
9874140569	JONES	CHARLOTTE KOON			P O BOX 549		HILLSBOROUGH	NC	272780549
9874148912	TOWN OF HILLSOB				PO BOX 429	PUBLIC SPACE DI	HILLSBOROUGH	NC	27278
9874152266	TUSCANY LLC				330 WEST KING		HILLSBOROUGH	NC	27278
9874153612	ORANGE	COUNTY			PO BOX 8181		HILLSBOROUGH	NC	27278
9874155274	HOLSINGER	SARAH	HOLSINGER	LANEY	303 MARINA VIE		SOUTHPORT	NC	28461
9874155366	REEVES	MICHAEL SPENCER	REEVES	JULIE MACKLE	211 S CAMERON		HILLSBOROUGH	NC	27278
9874156692	MALONE	DAVID	MANSFIELD	SARAH	107 INISH PLAC		HILLSBOROUGH	NC	27278
9874157839	BROWN	PAUL W	BROWN	LESLIE C	201 S CAMERON		HILLSBOROUGH	NC	27278
9874159130	KADIS	DANIELS			2704 PEACHTRE		RALEIGH	NC	27608
9874160014	ORANGE	COUNTY			PO BOX 8181		HILLSBOROUGH	NC	27278
9874161145	UNITED STATES PO				PO BOX 9998		HILLSBOROUGH	NC	27278
9874163117	ORANGE	COUNTY			PO BOX 8181		HILLSBOROUGH	NC	27278
9874262348	ORANGE COUNTY E	EDUCATION			200 EAST KING		HILLSBOROUGH	NC	27278

