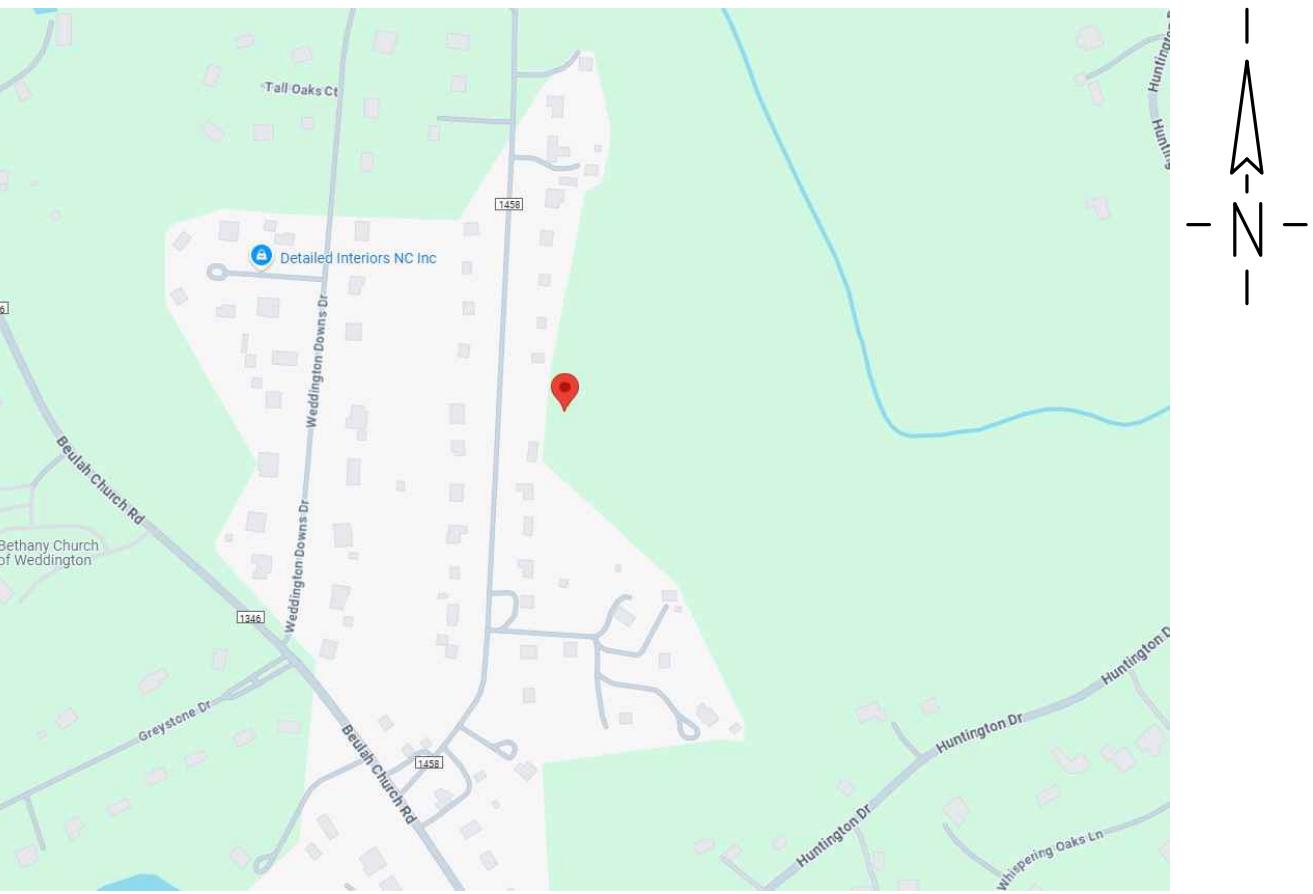


GENERAL NOTES:

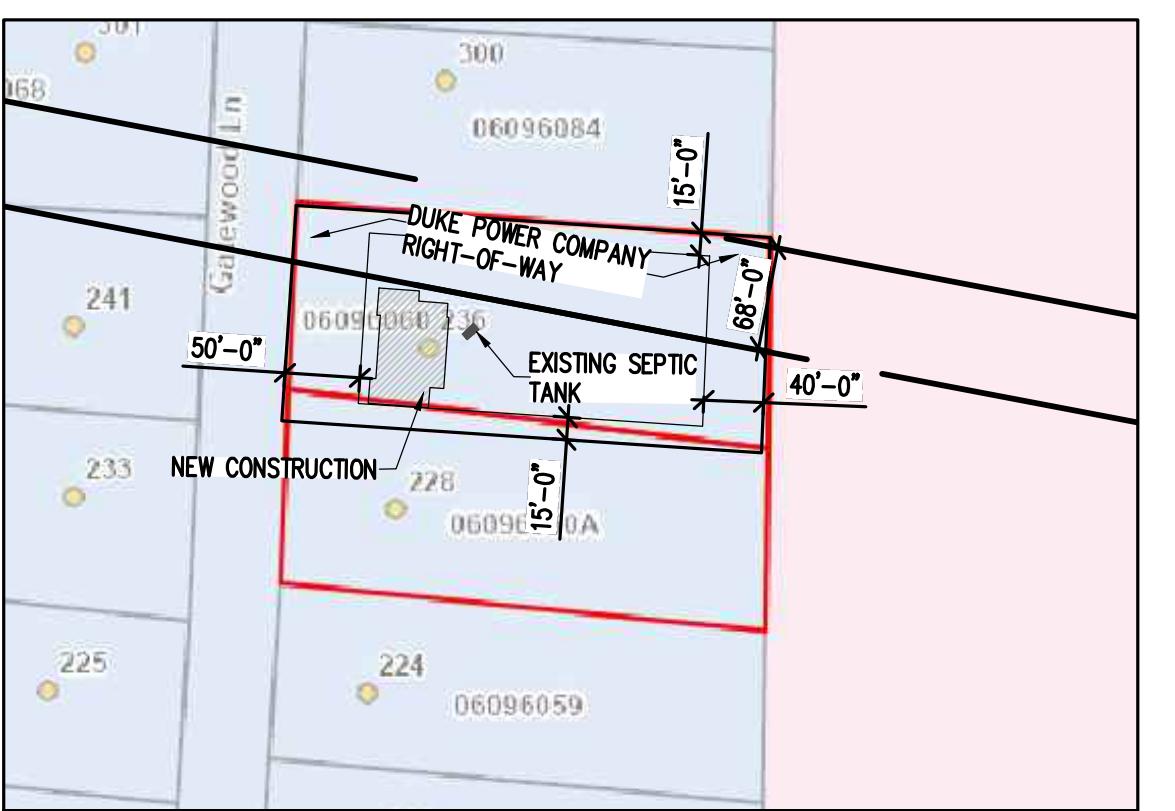
- DROPPED CEILINGS BELOW WOOD JOISTS OR ATTACHED DIRECTLY TO WOOD FLOOR TRUSSES SHALL BE DRAFT STOPPED AT 1000 SF. INTERVALS AND PARALLEL TO FRAMING MEMBERS. A 22" X 30" MINIMUM ACCESS OPENING IS REQUIRED FOR ATTIC AREAS WHICH HAVE A CLEAR HEIGHT OF AT LEAST 30". ACCESS DOORS IN DRAFT STOPPING SHALL BE SELF-CLOSING AND OF APPROVED MATERIALS.
- SOFITS AND DROPPED CEILINGS SHALL BE FIRESTOPPED.
- DRYWALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE GYPSUM ASSOC. RECOMMENDED PRACTICES AS TO THICKNESS, NAILING, AND TAPING ON CORRECT STUD SPACING.
- WATER RESISTANT GYPSUM BACKER BOARD IS REQUIRED IN ALL BATHTUB AREAS, SHOWER AREAS AND ALL WALLS WITH PLUMBING PENETRATIONS.
- GARAGE CEILING TO HAVE 5/8" TYPE "X" DRYWALL.
- WALLS SEPARATING ADJACENT LIVING SPACE AND GARAGE LIVING SPACE AND ABOVE AND LIVING SPACE TO BE ONE HOUR FIRE RATED. MUST HAVE AT LEAST 1/2" TYPE "X" DRYWALL ON BOTH SIDES WALLS. OTHER GARAGE WALLS CAN BE 1/2" DRYWALL INTERIOR SIDE.
- FIRE RATED DRYWALL ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH SPECIFICATIONS OF APPROVED TEST ASSEMBLY.
- FIREBLOCKING REQUIRED BETWEEN STAIRWAY STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
- SPACES BEHIND WOOD STUDS AND FOUNDATION WALL MUST BE FIRE BLOCKED FROM BOTTOM PLATE TO TOP PLATE EVERY 10 FT. OF WALL LENGTH. THE GAP BETWEEN THE TOP PLATE (WHETHER METAL OR WOOD) AND BOTTOM FLOOR JOIST MUST BE FIRE BLOCKED.
- SMOKE DETECTORS SHALL BE AC POWERED, UL APPROVED WITH BATTERY BACKUP AND INSTALLED PER NFPA 72 - 99. DETECTORS SHALL BE INTERCONNECTED SO THAT ALL UNITS GO OFF SIMULTANEOUSLY.
- C.O. SENSORS REQUIRED IN ALL BEDROOMS.
- SMOKE DETECTORS ARE REQUIRED IN ALL BEDROOMS AND WITHIN 10' OF EXTERIOR SIDE OF ALL BEDROOM DOORS.
- CAULKING AND SEALANTS: EXTERIOR JOINTS AROUND WINDOWS AND DOOR FRAMES, BETWEEN WALL CAVITIES AND WINDOW OR DOOR FRAMES, BETWEEN WALL AND ROOF, BETWEEN WALL PANELS AT ROOFS AND ALL OTHER OPENINGS IN THE EXTERIOR ENVELOPE SHALL BE SEALED IN AN APPROVED MANNER.
- INSULATION: CONTRACTOR SHALL USE EXPANDING FOAM AROUND WINDOWS AND DOORS SO THAT NO AIR FLOWS IN AROUND WINDOWS AND DOORS. FILL Voids COMPLETELY AND INCLUDE FACING IF NECESSARY TO HOLD INSULATION IN PLACE. ALL CORNERS AND HEADERS IN FRAMING SHALL BE COMPLETELY FILLED WITH INSULATION.
- R-38 MIN. INSULATION REQUIRED AT CEILINGS. CONTRACTOR OPTION TO USE R-30CI INSULATION IN CEILING. R-15 AT EXTERIOR WALLS. R-13 IN FINISHED BASEMENT WALL AREAS AND R-5 IN UNFINISHED BASEMENT WALL AREAS.
- VAPOR RETARDER SHALL BE STAPLED TO INTERIOR OF ALL EXTERIOR WALLS, AND FASTENED CLOSELY TO FLOOR. SEAL WITH DUCT TAPE OR TREMCO ACOUSTICAL SEALANT. LAPPED AREAS OF VAPOR RETARDER SHEETS.
- MOISTURE BARRIER (14LB. FELT OR EQUIVALENT) REQUIRED ON SHEATHING BEHIND EXTERIOR WALL VENEER.
- BATHROOMS REQUIRE 50 CFM MINIMUM EXHAUST FROM VENT TO EXTERIOR.
- KITCHEN REQUIRES 100 CFM MINIMUM EXHAUST FROM VENT TO EXTERIOR.
- CLOTHES DRYERS SHALL BE INDEPENDENT OF ALL OTHER SYSTEMS AND EXHAUST SHALL BE TO EXTERIOR. DRYER DUCT SHALL BE METAL WITH SMOTH INTERIOR AND CANNOT EXCEED 25' IN TOTAL LENGTH FROM DRYER LOCATION TO OUTLET TERMINAL UNLESS A CLOTHES DRYER BOOSTER FAN IS USED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER.
- ALL KITCHEN RECEPTACLES USED TO SERVE COUNTER TOP SURFACES MUST BE GFI.
- EXTERIOR RECEPTACLES TO BE WEATHER-PROOF AND GFCI. TWO (2) REQUIRED—ONE IN FRONT AND ONE IN BACK OF DWELLING.
- ALL READILY ACCESSIBLE GARAGE RECEPTACLES TO BE GFCI.
- ALL MAN DOORS TO HAVE EXTERIOR LIGHTS WITH INTERIOR SWITCHES.
- ALL LIGHT SWITCHES TO BE LOCATED IN THE SAME ROOM AS THE LIGHT FIXTURES.
- ALL LIGHT FIXTURES ABOVE TUB AREAS AND IN SHOWER STALLS TO BE RECESSED AND MOISTURE PROOF.
- ALL BATHROOM RECEPTACLES TO BE GFCI TYPE.
- EACH GAS APPLIANCE SHALL HAVE A GROUND JOINT UNION AND ACCESSIBLE GAS SHUTOFF VALVE WITHIN 6' OF, AND IN THE SAME ROOM AS THE APPLIANCE. A SEDIMENT TRAP IS REQUIRED AT EACH APPLIANCE OR GROUP OF APPLIANCES.
- MANUFACTURED MATERIALS AND EQUIPMENT SHALL BE INSTALLED, CONNECTED OR ERECTED AS PER MANUFACTURERS RECOMMENDATIONS, UNLESS SPECIFIED DIFFERENTLY IN THE CONTRACT DOCUMENTS.
- SLOPE PORCH FLOOR 1/4" 12".
- LEAD FREE SOLDER IS REQUIRED ON ALL COPPER WATER SUPPLY.
- EXTERIOR HOSE BIBBS TO BE FREEZE-PROOF TYPE WITH VACUUM BREAKERS.
- CONTRACTOR SHALL INSTALL SPLASH BLOCKS AT ALL NEW DOWNSPOUT LOCATIONS.
- GARAGE ATTIC TO HAVE 2' X 2' VENTS ON OPPOSITE ENDS OF GARAGE TO PROVIDE CROSS VENTILATION.
- WATER-HAMMER ARRESTORS ARE REQUIRED WHERE QUICK CLOSING VALVES ARE USED.
- SADDLE TYPE VALVES ARE NOT ALLOWED FOR ANY TYPE INSTALLATION.

ELECTRICAL NOTES

- ALL LIGHT SWITCHES TO BE LOCATED IN SAME ROOM AS LIGHT FIXTURES.
- LIGHT FIXTURES ABOVE TUB AREAS AND IN SHOWER STALLS TO BE RECESSED AND MOISTURE PROOF.
- ALL BATHROOM RECEPTACLES TO BE GFCI TYPE.
- ALL MAN DOORS TO HAVE EXTERIOR LIGHTS WITH INTERIOR SWITCHES.
- ALL KITCHEN RECEPTACLES USED TO SERVE COUNTER TOP SURFACES MUST BE GFCI.
- ALL READILY ACCESSIBLE GARAGE RECEPTACLES TO BE GFCI.
- ALL UNFINISHED BASEMENT RECEPTACLES TO BE GFCI.
- ALL EXTERIOR RECEPTACLES TO BE GFCI.
- ALL BEDROOM RECEPTACLES TO BE TAMPER-RESISTANT.
- BRANCH CIRCUITS THAT SUPPLY OUTLETS TO ALL FINISHED AREAS MUST BE ARC-FAULT CIRCUIT INTERRUPTER PROTECTED.
- SMOKE DETECTOR IN FURNACE ROOM.
- C.O. SENSORS IN ALL BEDROOMS WITHIN 10' OF ALL BEDROOM DOORS. MUST BE UL 2034 COMPLIANT.
- VOLTAGE DROP ON BRANCH CIRCUITS EXCEEDING FIFTY (50 FT.) MAY REQUIRE ONE OR MORE INCREASES IN WIRE SIZE.



1 VICINITY MAP
A001
SCALE: NOT TO SCALE



2 SITE PLAN
A001
SCALE: 1/128'=1'-0"

GENERAL CONDITIONS AND STATEMENTS:

- THESE NOTES SHALL APPLY UNLESS OTHERWISE INDICATED BY DRAWINGS OR SPECIFICATIONS
- STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH SPECIFIC STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON THE DRAWINGS.
- THE STRUCTURE SHOWN ON THESE DRAWINGS IS STRUCTURALLY SOUND ONLY IN ITS COMPLETED FORM. THE CONTRACTOR SHALL TEMPORARILY BRACE ALL EARTH, FORMS, CONCRETE, STEEL, WOOD, TO RESIST GRAVITY, EARTH, WIND, AND CONSTRUCTION LOADS DURING CONSTRUCTION.
- WHERE A DETAIL, TYPICAL DETAIL, SECTION, TYPICAL SECTION OR AS NOTED IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.

FOUNDATIONS:

- FOUNDATION DESIGN BASED ON AN ASSUMED SOIL BEARING PRESSURE OF 2,000 PSF. ALL FOOTINGS AND SLAB ON GRADE SHALL BEAR ON UNDISTurbed RESIDUAL SOIL OR STRUCTURAL COMPACTED FILL. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER/TESTING AGENCY PRIOR TO PLACING CONCRETE FOR FOUNDATIONS.
- NO UNBALANCED BACKFILLING SHALL BE DONE AGAINST BASEMENT WALLS UNLESS WALLS ARE BRAZED BY TEMPORARY BRACING OR BY PERMANENT CONSTRUCTION.

- COORDINATE FOUNDATION WORK WITH EXISTING UTILITIES. FOUNDATIONS SHALL BE LOWERED WHERE REQUIRED TO AVOID UTILITIES. NOTIFY PROJECT ARCHITECT AND STRUCTURAL ENGINEER TO PROVIDE REINFORCED CONCRETE PIER FOR COLUMN FOOTINGS.
- UNLESS NOTED OTHERWISE COLUMN CENTERLINES SHALL BE CENTERLINES OF COLUMN FOOTINGS.

CONCRETE:

- CONCRETE SHALL BE PROPORTIONED TO MEET THE REQUIREMENTS OF THE FOLLOWING:

ELEMENT	28-DAY STRENGTH (PSI)	SLUMP RANGE (IN.)	UNIT WEIGHT (PCF)
COLUMN FOOTINGS	3000	3-5	150
WALL FOOTINGS	3000	3-5	150
SLAB ON GRADE	3000	3-4	150
EXTERIOR CONCRETE	4000	3-5	150

- PORTLAND CEMENT SHALL BE ASTM C 150, TYPE I. FLY ASH SHALL BE ASTM C 618, CLASS F AND SHALL NOT EXCEED 25% OF CEMENT CONTENT BY WEIGHT. NORMAL WEIGHT AGGREGATE SHALL BE ASTM C 33.

- CONCRETE AGGREGATE GRADATION SHALL BE IN ACCORDANCE WITH ASTM C33 SPECIFICATION. "SPECIFICATION FOR CONCRETE AGGREGATE", FINE AGGREGATE SHALL CONSIST OF NATURAL SAND OR A COMBINATION THEREOF, WITH A FINENESS MODULUS BETWEEN 2.3 AND 3.1. COURSE AGGREGATE CONTENT IS TO BE BETWEEN 35% AND 45% BY WEIGHT OR VOLUME OF THE TOTAL AGGREGATE CONTENT. LARGER COURSE AGGREGATE MIXES UP TO #67 ARE ACCEPTABLE FOR FLOOR SLAB CONCRETE TO MINIMIZE SHRINKAGE CRACKING.

- FLY ASH SHALL NOT BE PERMITTED IN CONCRETE PLACED SUBJECT TO COLD WEATHER PLACEMENT PROCEDURES.

- CONCRETE EXCEEDING THE SPECIFIED SLUMP RANGES SHALL BE RETURNED. DO NOT ADD WATER TO THE CONCRETE MIX AT THE JOB SITE WITHOUT THE WRITTEN PERMISSION FROM THE STRUCTURAL ENGINEER.

- ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. ALL WELDED WIRE FABRIC (WWF) SHALL BE ASTM A82 AND A185 COLD DRAWN STEEL WIRE. WWF SHALL BE DELIVERED TO THE JOB SITE IN FLAT SHEETS (NO ROLLS). PLACE SHEETS ON BOLSTERS AT 48" MAXIMUM TO LOCATE IN UPPER THIRD OF SLAB.

- LAP CONTINUOUS REINFORCING BARS 36 BAR DIAMETERS UNLESS NOTED OTHERWISE. PROVIDE CORNER BARS IN ALL WALLS AND FOOTINGS.

- BAR SUPPORTS, DESIGN, DETAILING, FABRICATION, AND PLACING OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH THE ACI CODE AND DETAILING MANUAL AND CRSI'S "MANUAL OF STANDARD PRACTICE".

- MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE:

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3"

CONCRETE EXPOSED TO EARTH OR WEATHER:

No. 6 THROUGH No. 18 BARS 2"

No. 5 AND SMALLER 1 1/2"

CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:

SLABS, WALLS AND JOISTS:

No. 14 AND No. 18 BARS 1 1/2"

No. 11 AND SMALLER 3/4"

BEAMS AND COLUMNS:

PRIMARY REINFORCEMENT, TIES, STIRRUPS AND SPIRALS 1 1/2"

- ANCHOR RODS FOR COLUMNS SHALL BE POSITIONED WITH A TEMPLATE PRIOR TO PLACING CONCRETE IN PIER OR FOOTING. NUTS SHALL BE TIGHTENED ON EACH SIDE OF THE TEMPLATE TO HOLD THE ANCHOR BOLTS IN PLACE.

- CONCRETE DESIGN AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318-02) AND WITH "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" (ACI 315-02). CONCRETE PLACED DURING HOT WEATHER AND COLD WEATHER SHALL MEET THE RECOMMENDATIONS OF ACI/PCA/TCI.

- CONCRETE MIXES SHALL BE DESIGNED IN ACCORDANCE WITH ACI 301. WATER SHALL NOT BE ADDED TO THE CONCRETE MIX AT THE JOB SITE WITHOUT THE PRIOR WRITTEN PERMISSION OF THE STRUCTURAL ENGINEER.

- UNLESS OTHERWISE SHOWN ON ARCHITECTURAL DRAWINGS, PROVIDE 3/4" CHAMFER AT ALL COLUMN, WALL SLAB AND BEAM EDGES THAT ARE EXPOSED TO VIEW IN THE FINAL STRUCTURE.

- FIBER REINFORCEMENT — POLYPROPYLENE FIBRILLATED FIBERS USE AT 1.5 POUNDS PER CUBIC YARD WITH A MINIMUM AVERAGE RESIDUAL STRENGTH OF 45 PSI IN ACCORDANCE WITH ASTM 1399 TESTING — FIBREWEAVE 300 OR EQUIVALENT. FIBER REINFORCEMENT — AN ENGINEERED BLEND OF COLD DRAWN STEEL WIRE FIBER (23 lbs.) AND A GRADED MULTIFILAMENT POLYPROPYLENE FIBER (1 lb.) AT 1 BAG (24 lbs.) PER CUBIC YARD — NOVAMESH 850 OR EQUIVALENT.

PROPERTY DESCRIPTION

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GIS ID: 06096080

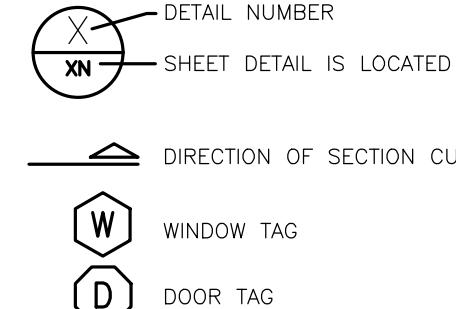
ZONING ORDINANCE DATA:

ZONING SINGLE FAMILY RESIDENTIAL

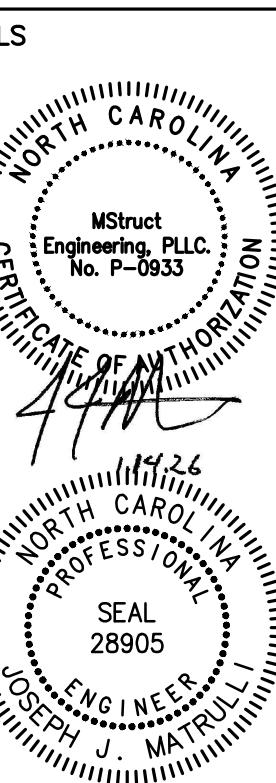
BUILDING SITE ACREAGE: = 1.05 +/- ACRES GIS CALC. ACRES
BUILDING DEPTH: = 53'-2"
BUILDING WIDTH: = 76'-5"
BUILDING HEIGHT: = 36'-6"

NOTE:
ALL LIGHT, SWITCH, OUTLET, AND FAN LOCATIONS, TYPE AND STYLE
TO BE VERIFIED WITH OWNER AND BE INSTALLED PER 2017 NEC CODE.

DRAWING LEGEND:



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DESIGN CODES AND STANDARD SPECIFICATIONS

DESIGN CONFORMS TO THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE

CLIMATE ZONE 3

WINDOWS: GLAZED FENESTRATION SHGC FENESTRATION U-FACTOR 0.30 0.35

INSULATION: CEILING R-VALUE 38 WOOD FRAMED WALL R-VALUE 15 OR 13+2.5

MASS R-VALUE 5/13

FLOOR R-VALUE 19

SLAB R-VALUE 0

CRAM. SPACE WALL R-VALUE 5/13

DESIGN CODES AND STANDARD SPECIFICATIONS

BUILDING CODE: STRUCTURAL DESIGN CONFORMS TO THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL BUILDING CODE, 2018 EDITION AND ASCE 7-10.

DESIGN LIVE LOADS: ROOF LIVE LOAD 20 PSF SNOW 10 PSF

FLOOR LIVE LOADS 40 PSF

ULTIMATE WIND SPEED 115 MPH IMPORTANCE FACTOR 1 C EXPOSURE

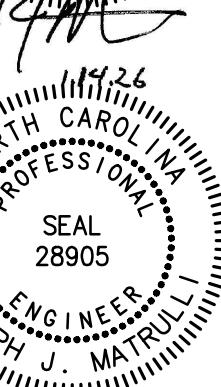
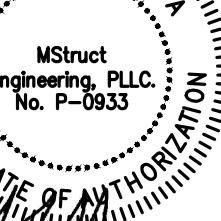
NUMBER	DATE	DESIGN UPDATE
2	1-14-20	

PROJECT #	23-25
PROJECT ENGINEER:	JJM
DRAWN BY:	WG
ISSUE DATE:	082025
CAD FILE:	MA25.JOB#23-25-25-25-BUILDING
Sheet Title:	Notes
Sheet:	5001



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NUMBER	DATE	DESIGNER	EDITION
2	1-14-25	DESIGN UPDATE	

PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 082025
CAD FILE: MA25.JOB5125-25/23-25/A002.DWG
SHEET TITLE: SITE PLAN

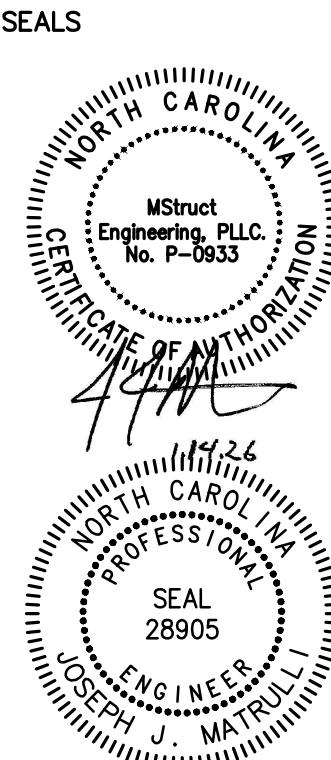


1 SITE PLAN
A002
SCALE: 3/32"=1'-0"

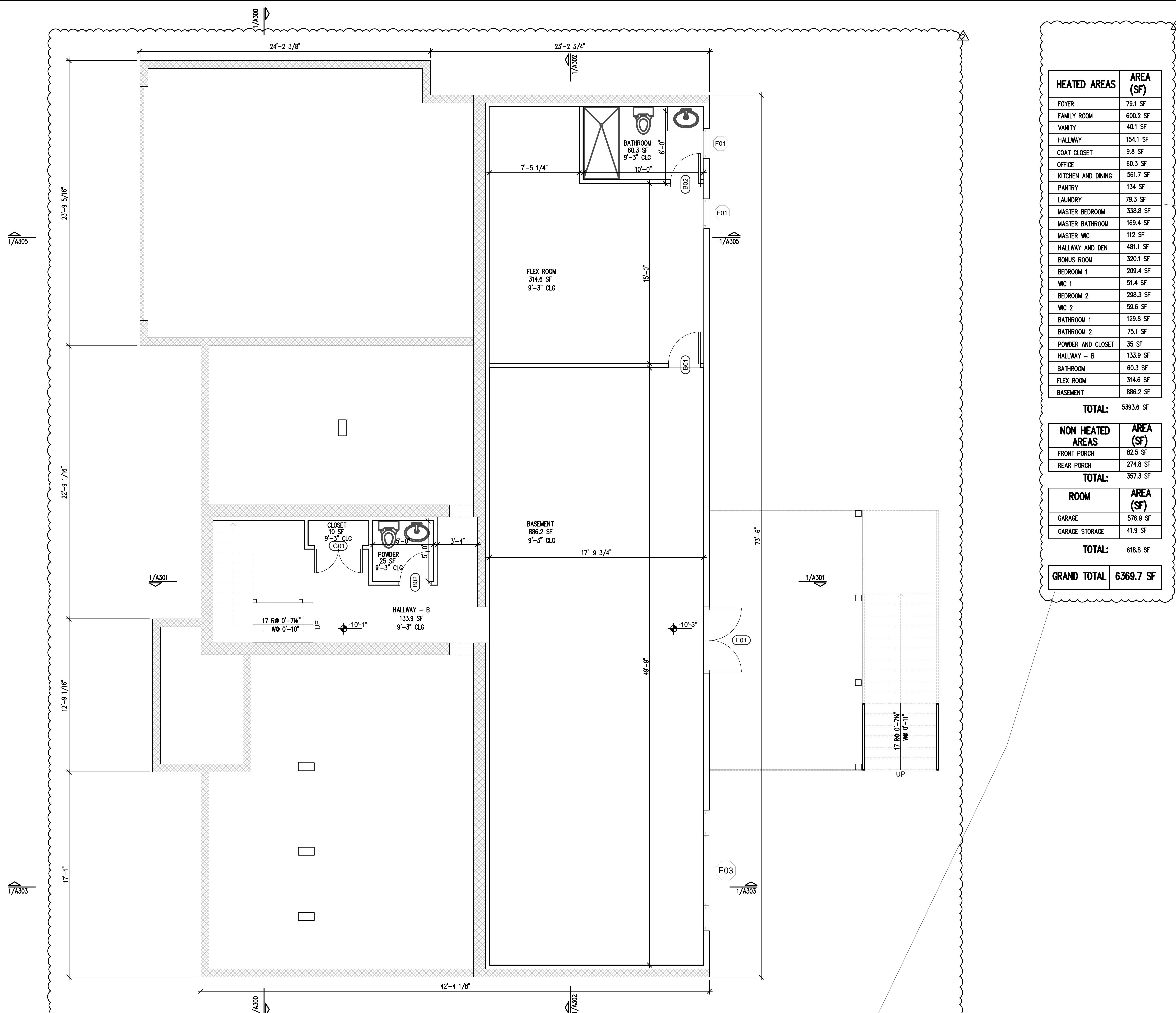
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A002



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HEATED AREAS	AREA (SF)
FOYER	79.1 SF
FAMILY ROOM	600.2 SF
VANITY	40.1 SF
HALLWAY	154.1 SF
COAT CLOSET	9.8 SF
OFFICE	60.3 SF
KITCHEN AND DINING	561.7 SF
PANTRY	134 SF
LAUNDRY	79.3 SF
MASTER BEDROOM	338.8 SF
MASTER BATHROOM	169.4 SF
MASTER WIC	112 SF
HALLWAY AND DEN	481.1 SF
BONUS ROOM	320.1 SF
BEDROOM 1	209.4 SF
WC 1	51.4 SF
BEDROOM 2	298.3 SF
WC 2	59.6 SF
BATHROOM 1	129.8 SF
BATHROOM 2	75.1 SF
POWDER AND CLOSET	35 SF
HALLWAY - B	133.9 SF
BATHROOM	60.3 SF
FLEX ROOM	314.6 SF
BASEMENT	886.2 SF
TOTAL:	5393.6 SF

NON HEATED AREAS	AREA (SF)
FRONT PORCH	82.5 SF
REAR PORCH	274.8 SF
TOTAL:	357.3 SF

ROOM	AREA (SF)
GARAGE	576.9 SF
GARAGE STORAGE	41.9 SF
TOTAL:	618.8 SF

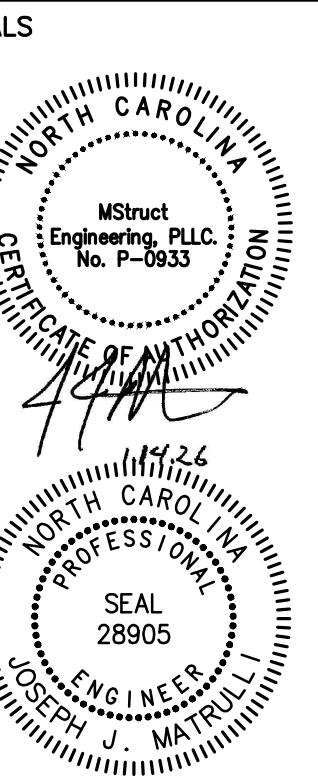
GRAND TOTAL **6369.7 SF**

NUMBER	23-25
PROJECT DATE	
PROJECT ENGINEER	JJM
DRAWN BY	WG
ISSUE DATE	082025
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SHEET TITLE	BASEMENT PLAN

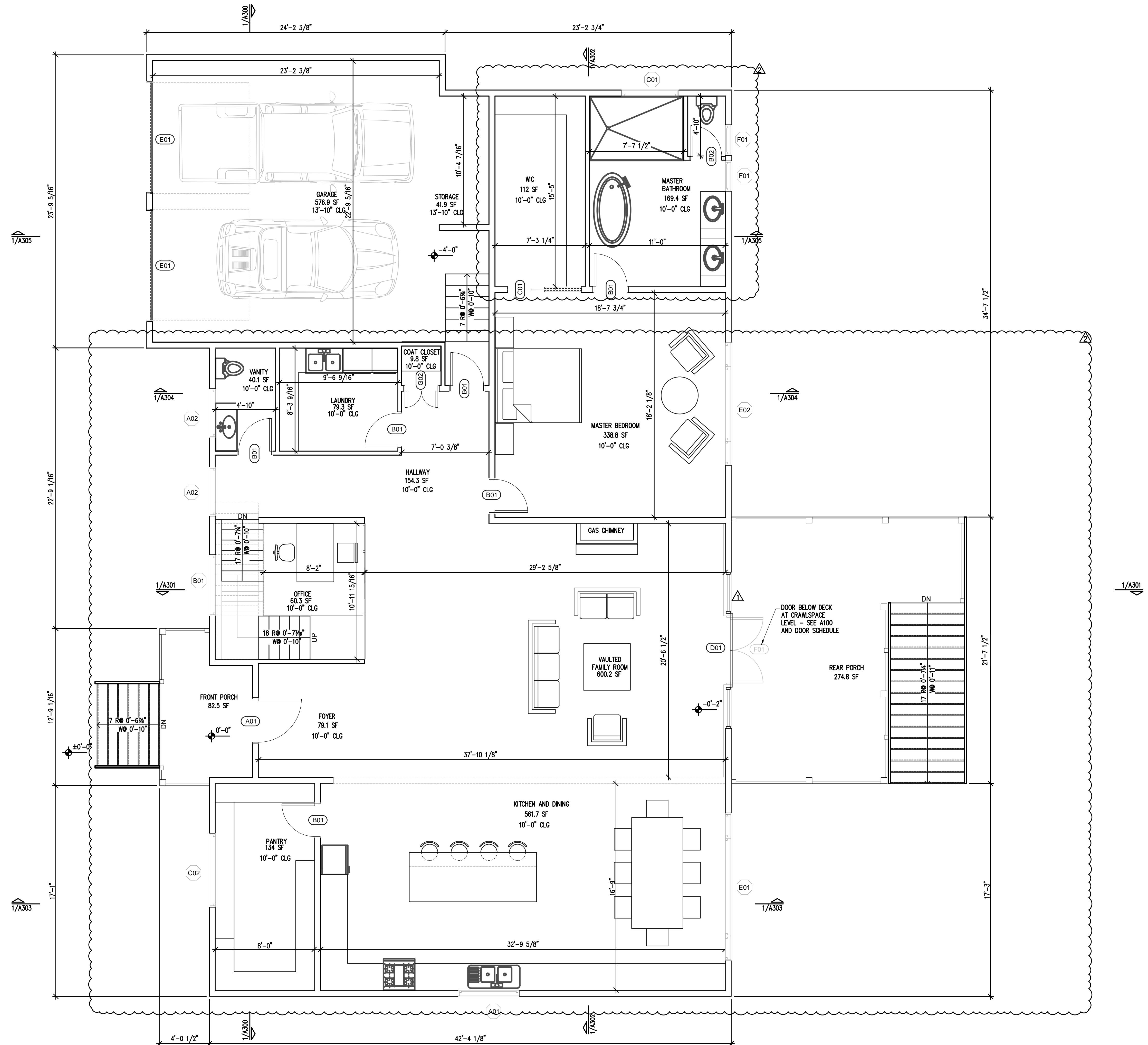
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1 FIRST FLOOR PLAN
A101

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

NOTES:

1. EXTERIOR DIMENSIONS FROM STUD FACE TO STUD FACE.
2. SEE A300 FOR WINDOWS AND DOOR SCHEDULE.
3. INTERIOR DIMENSIONS ARE FROM $\frac{1}{2}$ " FINISH TO $\frac{1}{2}$ " FINISH TO SEE ACTUAL ROOM SPACE.

NUMBER	DATE	DESIGN	UPDATE
1	12-01-25	1-14-25	
2			

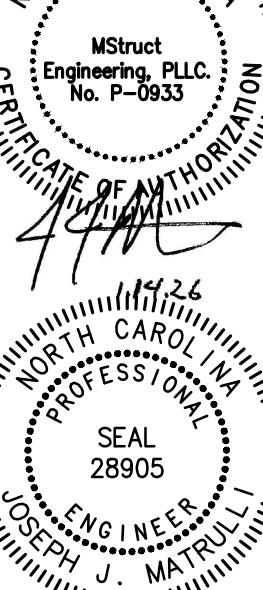
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PROJECT ENGINEER: **JJM**
DRAWN BY: **WG**
ISSUE DATE: **082025**
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SHEET TITLE: **FIRST FLOOR PLAN**

Sheet
A101



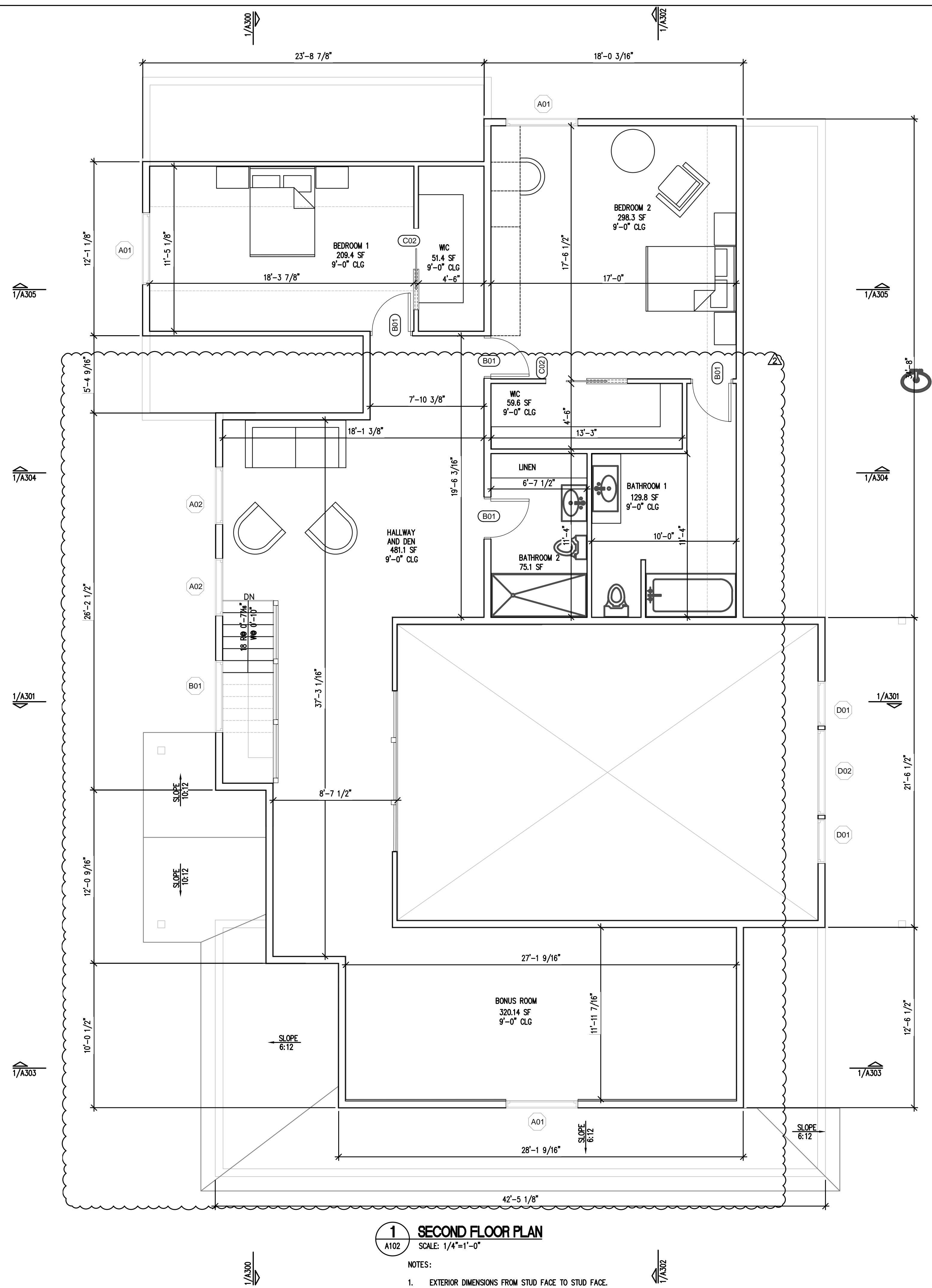
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NUMBER	DATE	DESIGNATION
1	1-14-25	DESIGN UPDATE
2		
PROJECT # 23-25		
PROJECT ENGINEER: JJM		
DRAWN BY: WG		
ISSUE DATE: 082025		
CAD FILE: M25-JOB8128-25-23-25-A102.DWG		
SHEET TITLE: SECOND FLOOR PLAN		





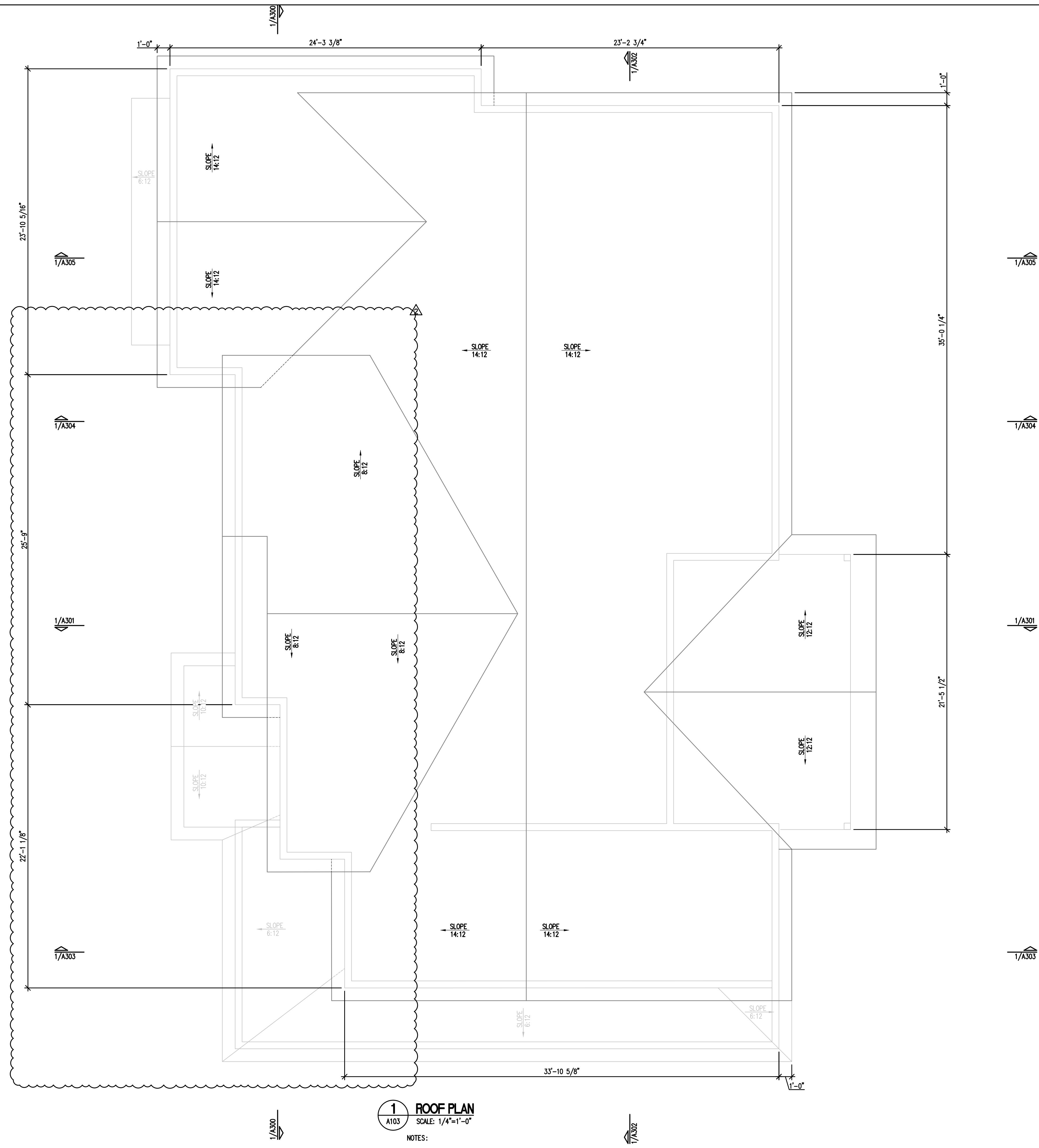
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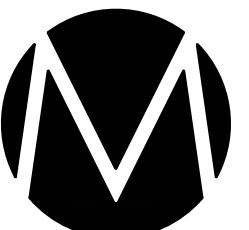
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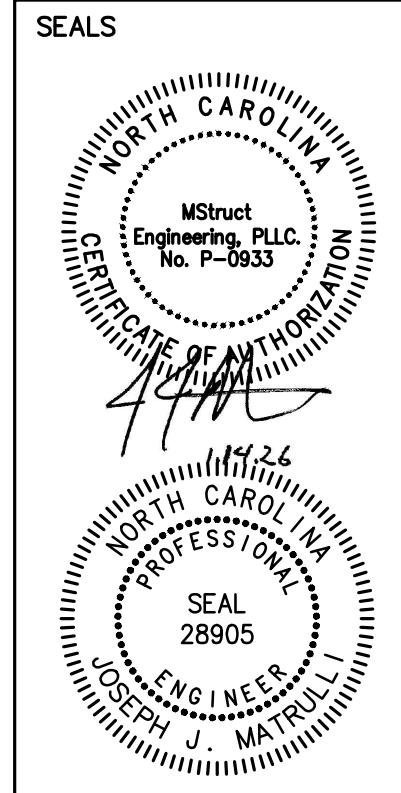
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NUMBER	DATE	DESIGNER
2	1-14-26	JJM
PROJECT # 23-25		
PROJECT ENGINEER: JJM		
DRAWN BY:	WG	ISSUE DATE: 082025
CAD FILE: M25 JOBS123-25\23-25\A103.DWG		
SHEET TITLE: ROOF PLAN		





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1 WEST ELEVATION
A200 SCALE: 1/4"=1'-0"

NOTES:

1. DIMENSIONS FROM STUD FACE TO STUD FACE.
2. SEE A203 FOR WINDOWS AND DOOR SCHEDULE

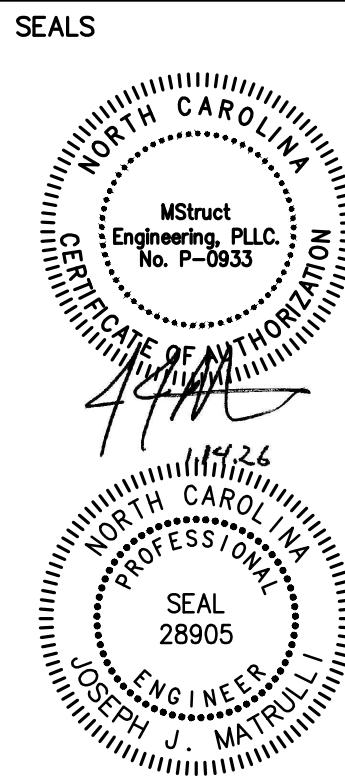
HATCH SCHEDULE	
HATCH TYPE	DESCRIPTION
	BOARD AND BATTEN SIDING
	ROOF SHINGLES
	CONCRETE FINISH

NUMBER	DATE	DESIGN	UPDATE	DESIGN	UPDATE
		12-01-25	1-14-26	12-01-25	1-14-26
1					
2					

PROJECT #	23-25
PROJECT ENGINEER:	JJM
DRAWN BY:	WG
ISSUE DATE:	082025
CAD FILE:	M23-JOB8123-25-23-A200.DWG
SHEET TITLE:	WEST ELEVATION



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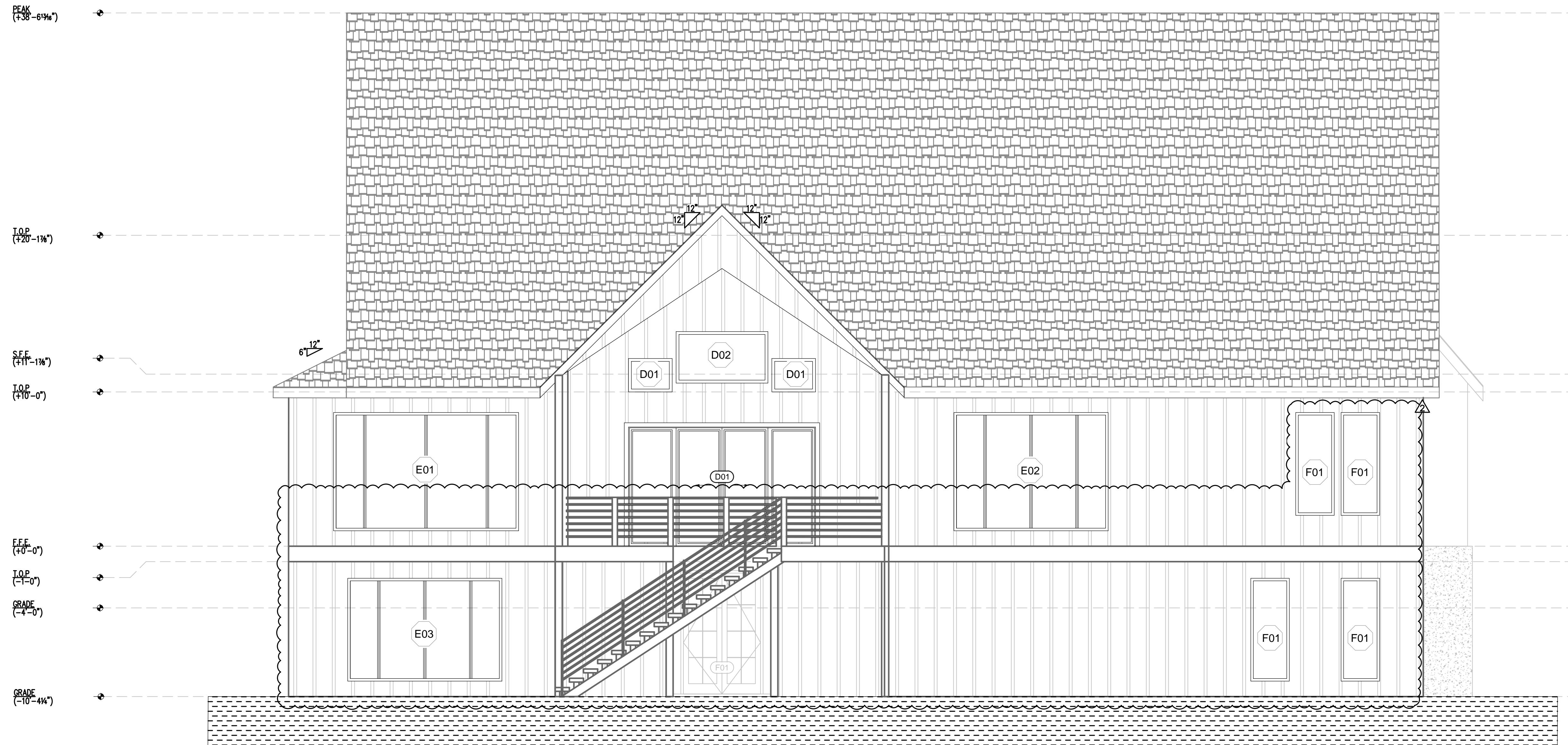
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NUMBER	DATE	DESIGN	UPDATE
		DESIGN	UPDATE
1	12-01-25		
2	1-14-26		

PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 082025
CAD FILE: M25 JOBS123-25\23-25\A201.DWG
SHEET TITLE: EAST ELEVATION

Sheet
A201

HATCH SCHEDULE	
HATCH TYPE	DESCRIPTION
	BOARD AND BATTEN SIDING
	ROOF SHINGLES
	CONCRETE FINISH



1 EAST ELEVATION

A201

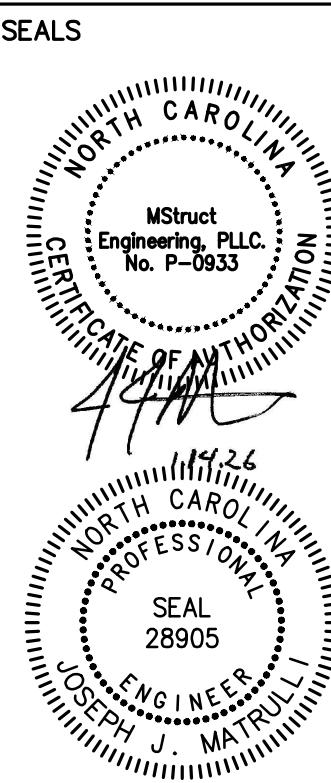
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NOTES:

1. DIMENSIONS FROM STUD FACE TO STUD FACE.
2. SEE A203 FOR WINDOWS AND DOOR SCHEDULE



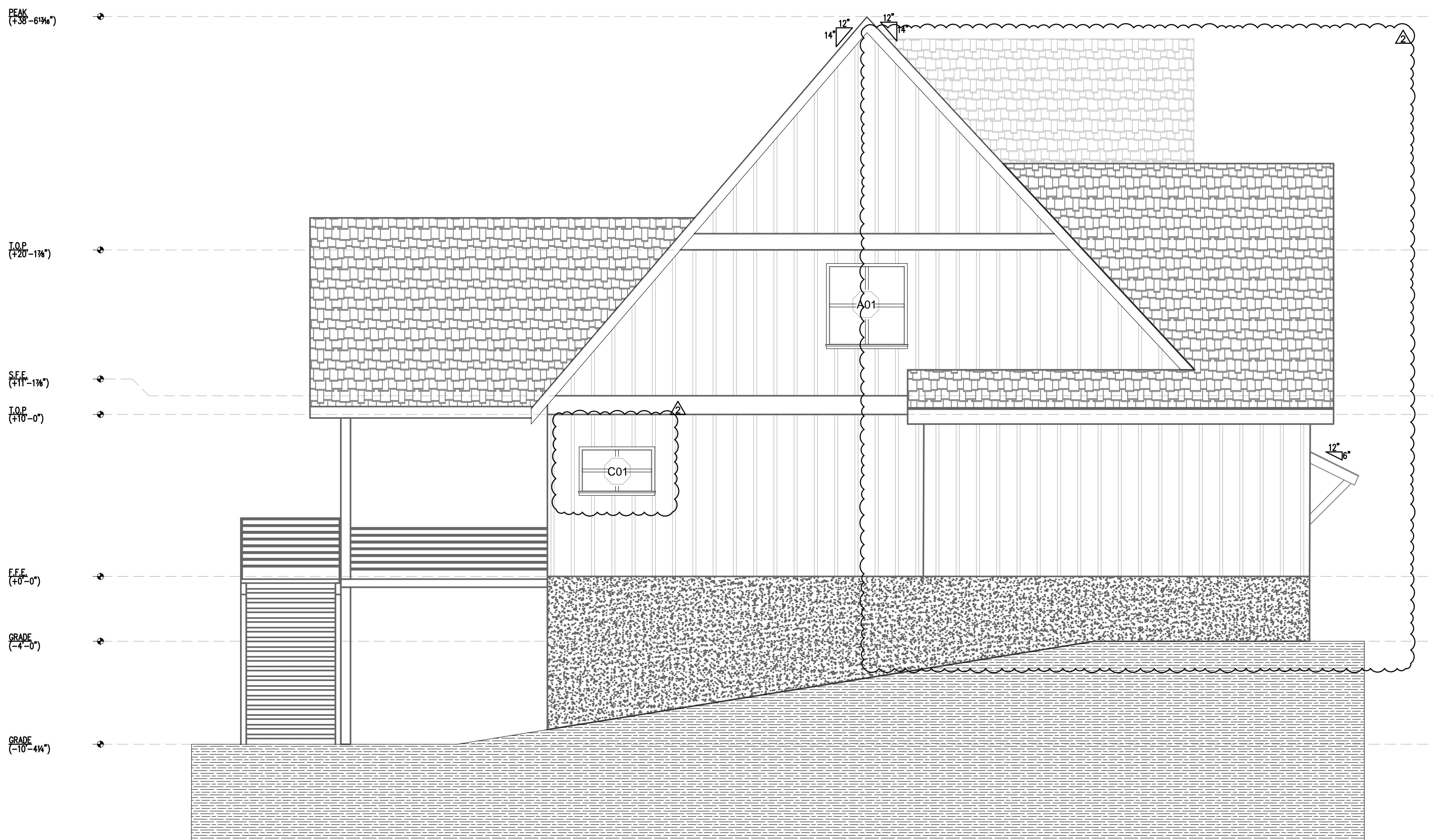
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NUMBER	DATE	DESIGN	UPDATE
2	1-14-25		

PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 082025
CAD FILE: M25.JOB&123-25-25.A202.DWG
SHEET TITLE: NORTH ELEVATION



EAST ELEVATION

A202

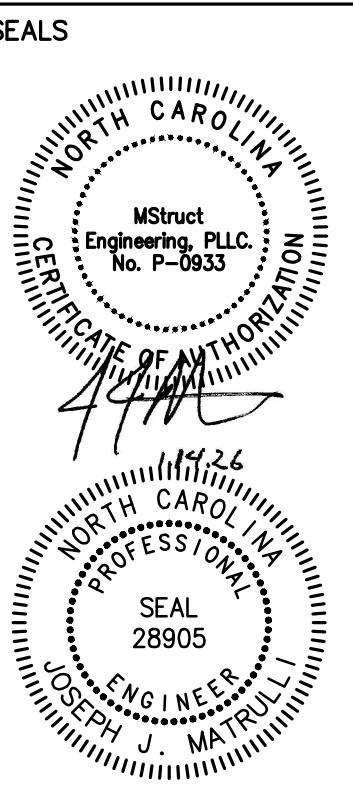
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NOTES:

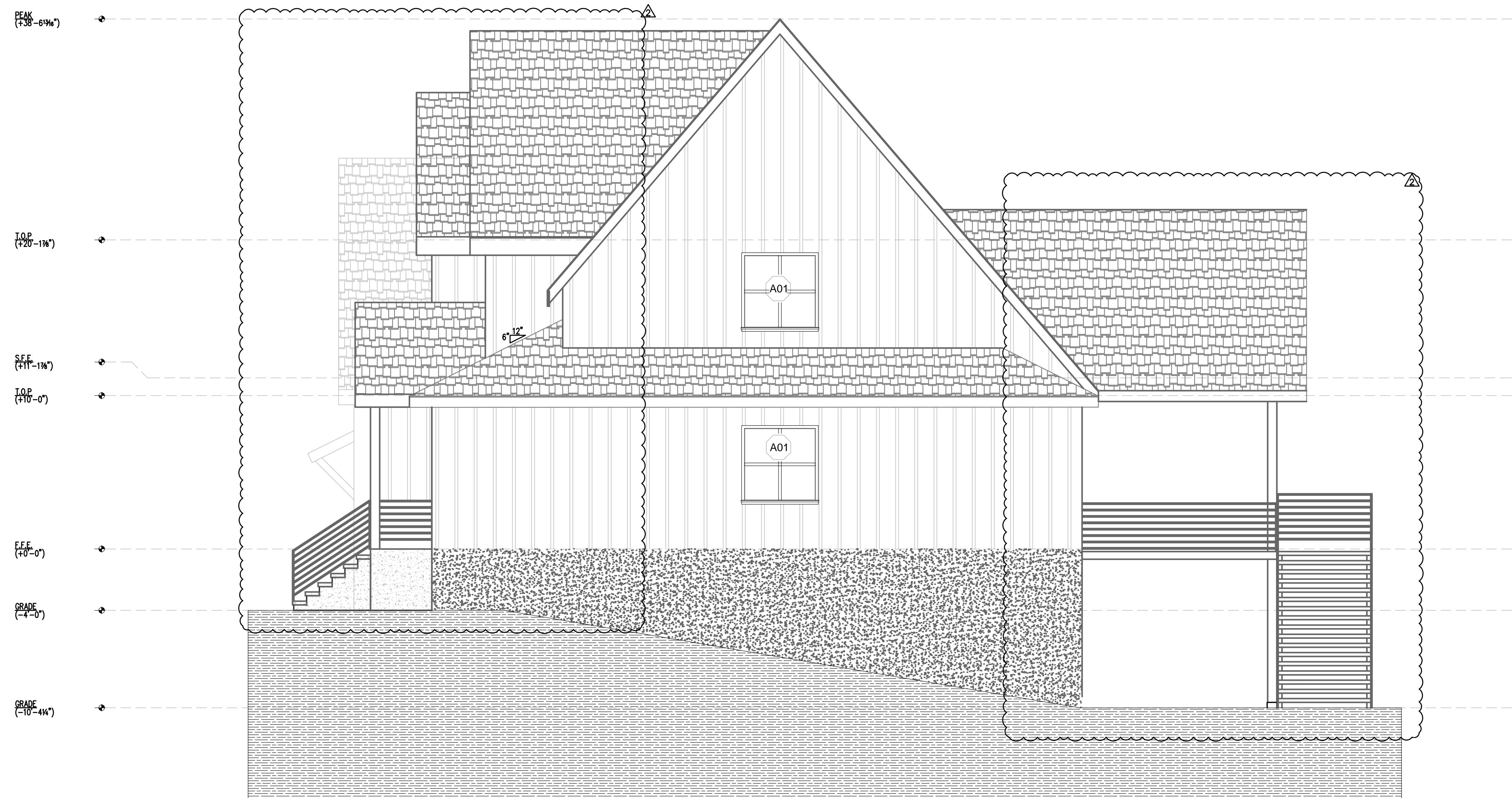
1. DIMENSIONS FROM STUD FACE TO STUD FACE.
2. SEE A203 FOR WINDOWS AND DOOR SCHEDULE



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1 WEST ELEVATION
A203

NOTES:

1. DIMENSIONS FROM STUD FACE TO STUD FACE.
2. SEE A203 FOR WINDOWS AND DOOR SCHEDULE.

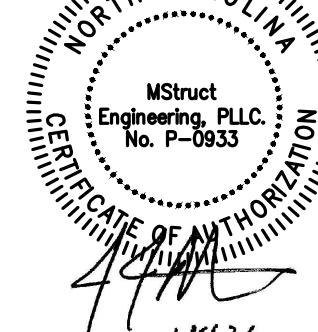
NUMBER	DATE	DESIGNER	REVIEWER
2	1-14-25		

PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 082025
CAD FILE: M25-JOB5123-25/23-A203.DWG
SHEET TITLE: SOUTH ELEVATION



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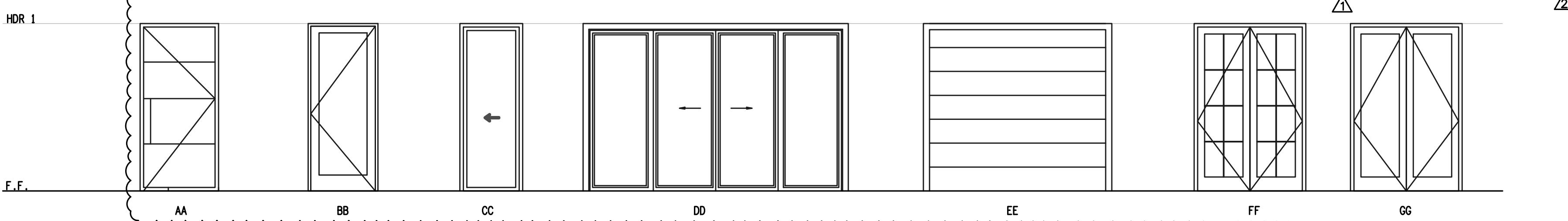
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1 DOOR AND WINDOW SCHEDULE

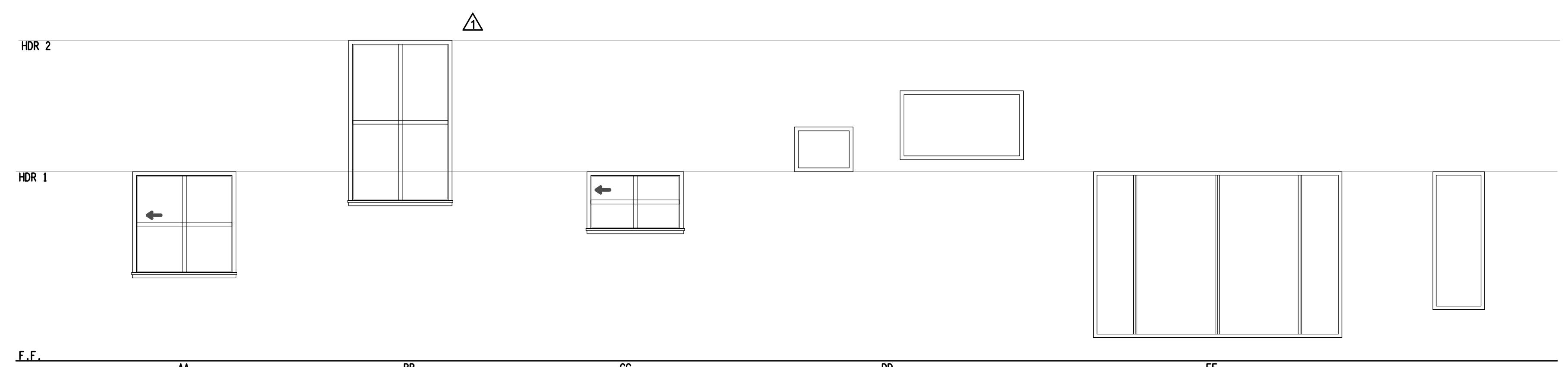
A204

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

DOOR SCHEDULE						
TYPE	DOOR TYPE	SIZE	DESCRIPTION	WIDTH	HEIGHT	COUNT
AA	A01	42" x 108"	EXTERIOR SWING DOOR	3' - 6"	8' - 0"	1
BB	B01	32" x 90"	INTERIOR SWING DOOR	2' - 8"	8' - 0"	11
	B02	30" x 90"	INTERIOR SWING DOOR	2' - 6"	8' - 0"	3
CC	C01	36" x 90"	INTERIOR POCKET DOOR	3' - 0"	8' - 0"	1
	C02	34" x 90"	INTERIOR POCKET DOOR	2' - 10"	8' - 0"	2
DD	D01	72" x 96"	EXTERIOR SLIDE DOOR	6' - 0"	8' - 0"	1
EE	E01	108" x 96"	GARAGE DOOR	9' - 0"	8' - 0"	2
FF	F01	64" x 90"	EXTERIOR DOUBLE SWING DOOR	5' - 4"	8' - 0"	1
GG	G01	48" x 90"	INTERIOR DOUBLE SWING DOOR	4' - 0"	8' - 0"	1
	G02	32" x 90"	INTERIOR DOUBLE SWING DOOR	2' - 8"	8' - 0"	1



WINDOW SCHEDULE							
TYPE	WNDW TYPE	SIZE	DESCRIPTION	DIMENSIONS		COUNT	CLASS
				WIDTH	HEIGHT		
AA	A01	60" x 60"	SLIDING FRENCH HORIZONTAL WINDOW	5' - 0"	5' - 0"	4	
	A02	48" x 60"	SLIDING FRENCH HORIZONTAL WINDOW	4' - 0"	5' - 0"	4	
BB	B01	60" x 96"	FRENCH VERTICAL WINDOW	5' - 0"	8' - 0"	1	
	C01	72" x 36"	SLIDING FRENCH HORIZONTAL WINDOW	4' - 8"	3' - 0"	1	
CC	C02	72" x 48"	HORIZONTAL WINDOW	6' - 0"	4' - 0"	1	
	D01	34" x 26"	SLIDING FRENCH HORIZONTAL WINDOW	2' - 10"	2' - 2"	2	
DD	D02	72" x 40"	SLIDING FRENCH HORIZONTAL WINDOW	6' - 0"	3' - 4"	1	
	E01	144" x 92"	SLIDING FRENCH HORIZONTAL WINDOW	12' - 0"	7' - 8"	1	
EE	E02	120" x 92"	SLIDING FRENCH HORIZONTAL WINDOW	10' - 0"	7' - 8"	1	
	E03	120" x 80"	SLIDING FRENCH HORIZONTAL WINDOW	10' - 0"	6' - 8"	1	
FF	F01	30" x 80"	CASEMENT WINDOW	2' - 6"	6' - 8"	4	



NUMBER	DATE	DESIGN	UPDATE	DESIGN	UPDATE
		12-01-25	1-14-26	12-01-25	1-14-26
1					
2					

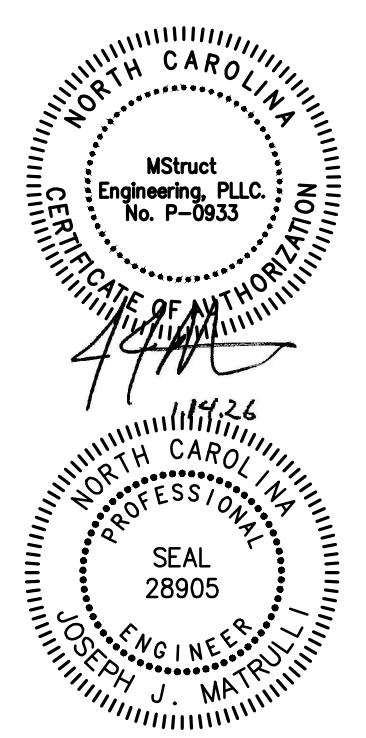
PROJECT #	23-25
PROJECT ENGINEER:	JJM
DRAWN BY:	WG
ISSUE DATE:	082025
CAD FILE:	M25-JOB8128-25/23-25-A204.DWG
SHEET TITLE:	DOOR AND WINDOW SCHEDULE

Sheet
A204

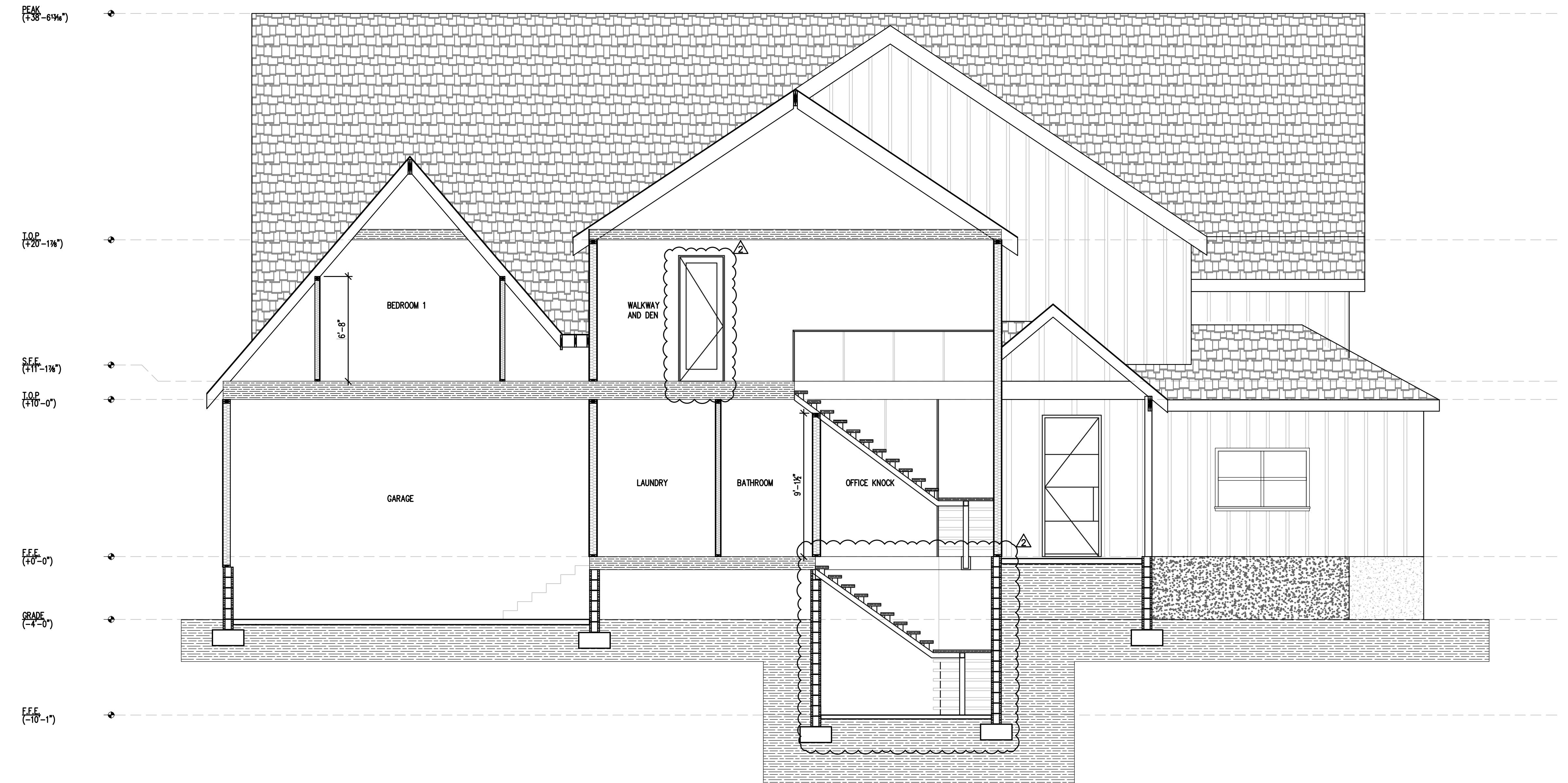


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1 SECTION
A300
SCALE: 1/4"=1'-0"

NUMBER	DATE	DESIGNER	REVIEWER
2	1-14-25	DESIGN UPDATE	

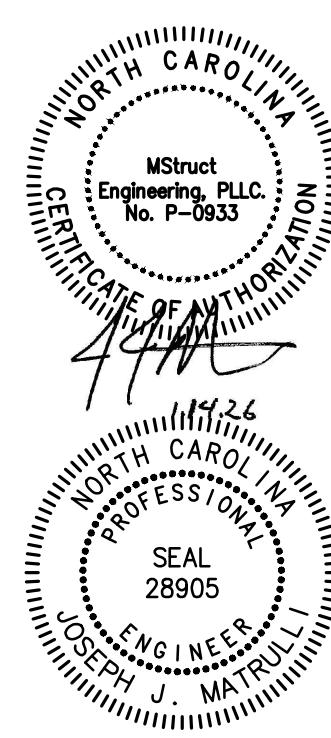
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PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 082025
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SHEET TITLE: SECTION

Sheet
A300

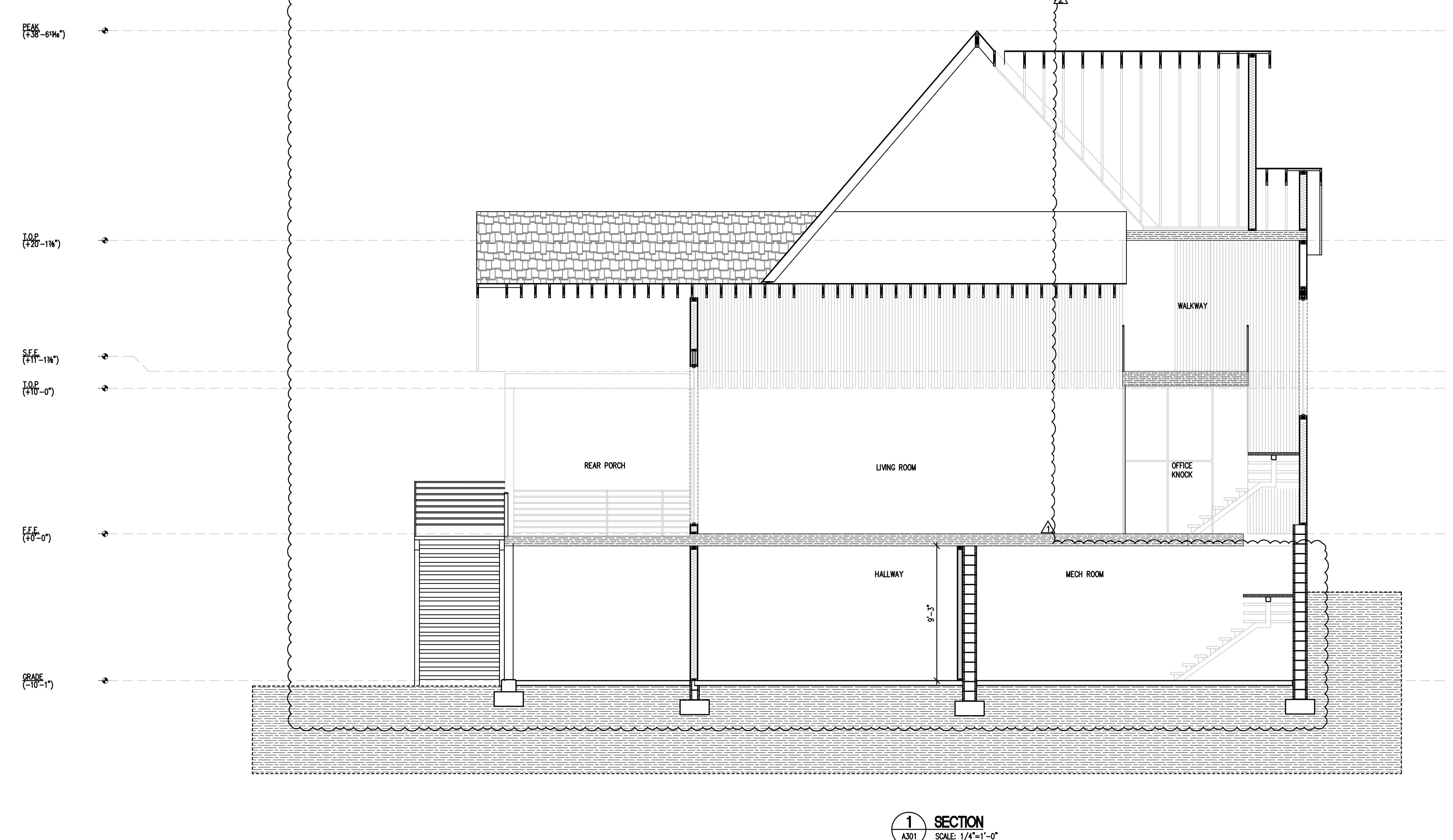


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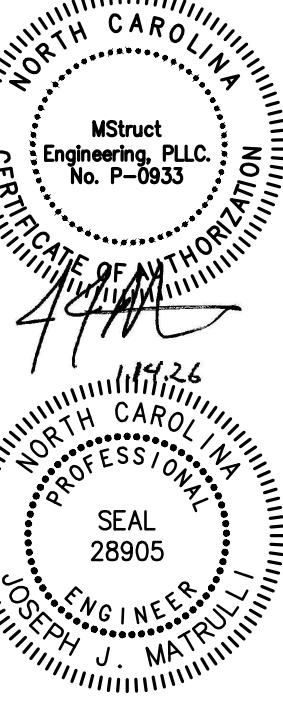
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1	12-01-25			1-14-25	
2					

PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 082025
CAD FILE: M25-JOB#23-25-A301.DWG
SHEET TITLE: SECTION

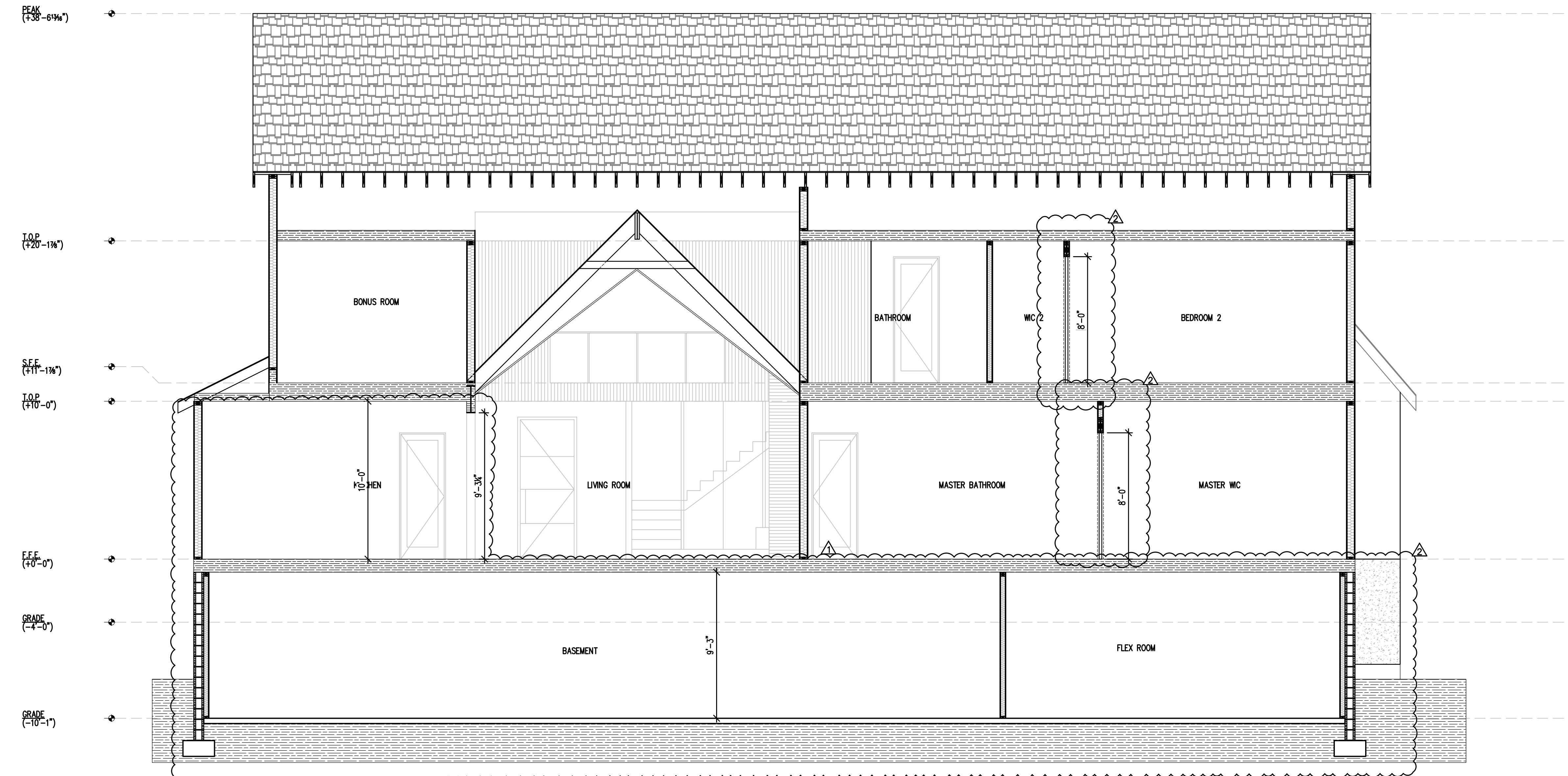


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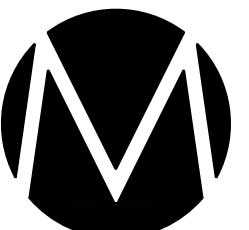


1 SECTION
A302 SCALE: 1/4"=1'-0"

NUMBER	DATE	DESIGN	UPDATE
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2	1-14-26	DESIGN	UPDATE

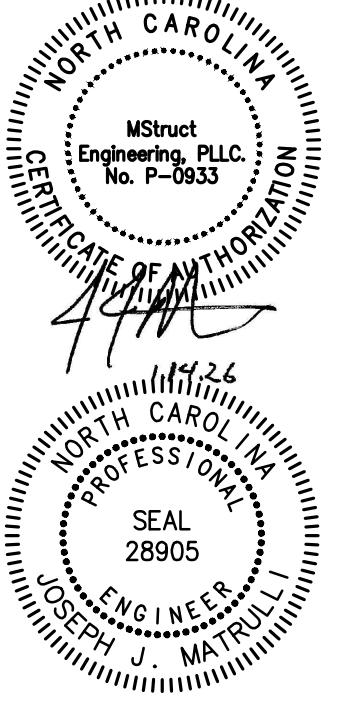
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PROJECT ENGINEER: JJM
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SHEET TITLE: SECTION

Sheet
A302

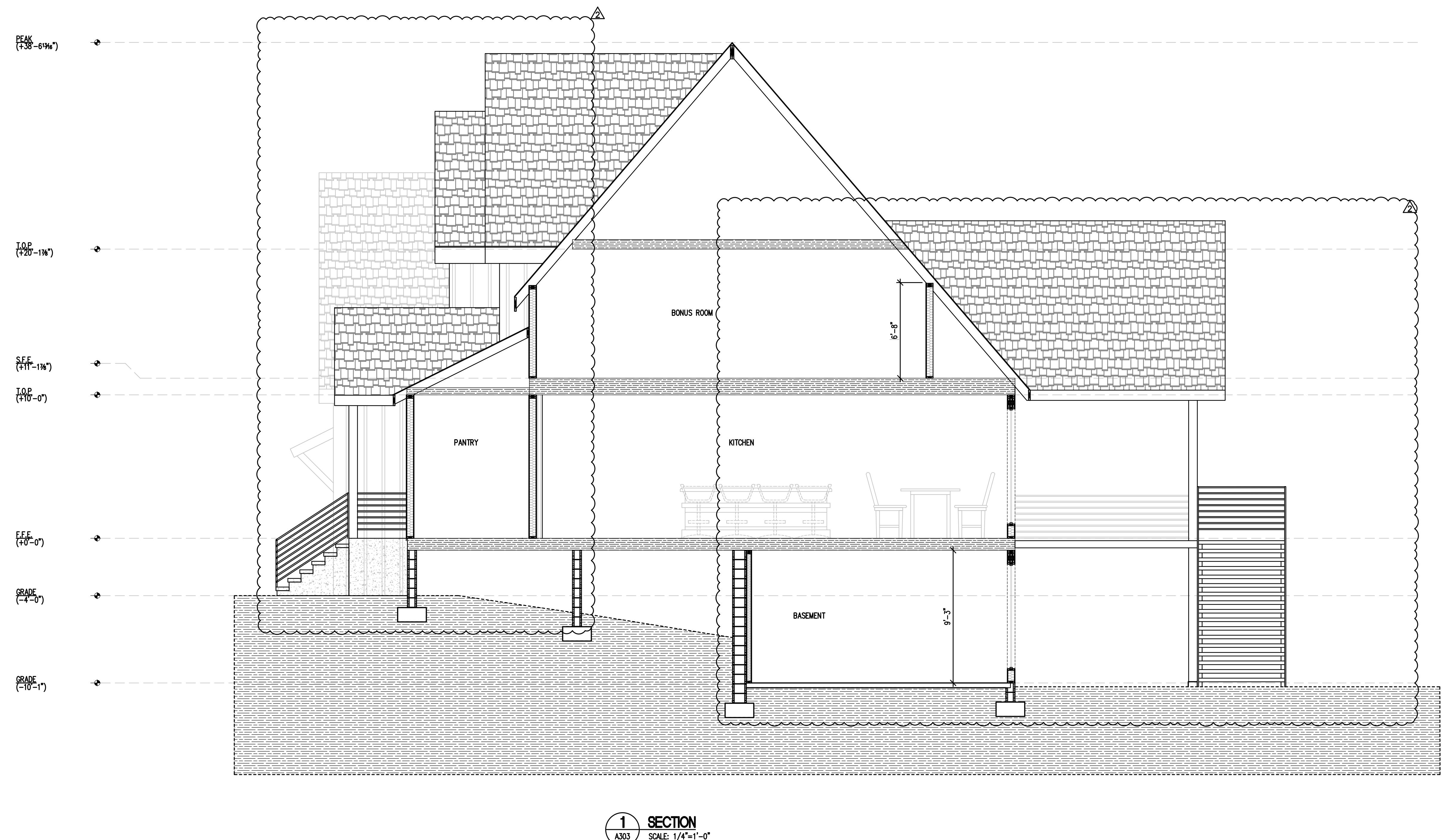


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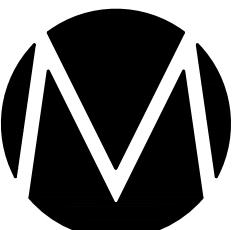
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1 SECTION
A303
SCALE: 1/4=1'-0"

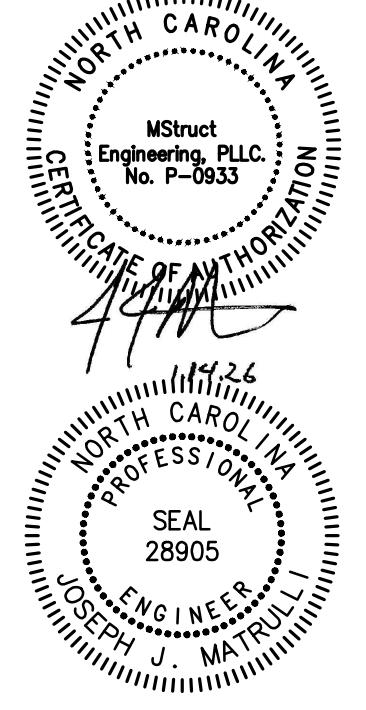
NUMBER:	23-25
PROJECT #	23-25
PROJECT ENGINEER:	JJM
DRAWN BY:	WG
ISSUE DATE:	062025
CAD FILE:	MA25-JOB8128-25\23-25-A303.DWG
SHEET TITLE:	SECTION

Sheet	A303
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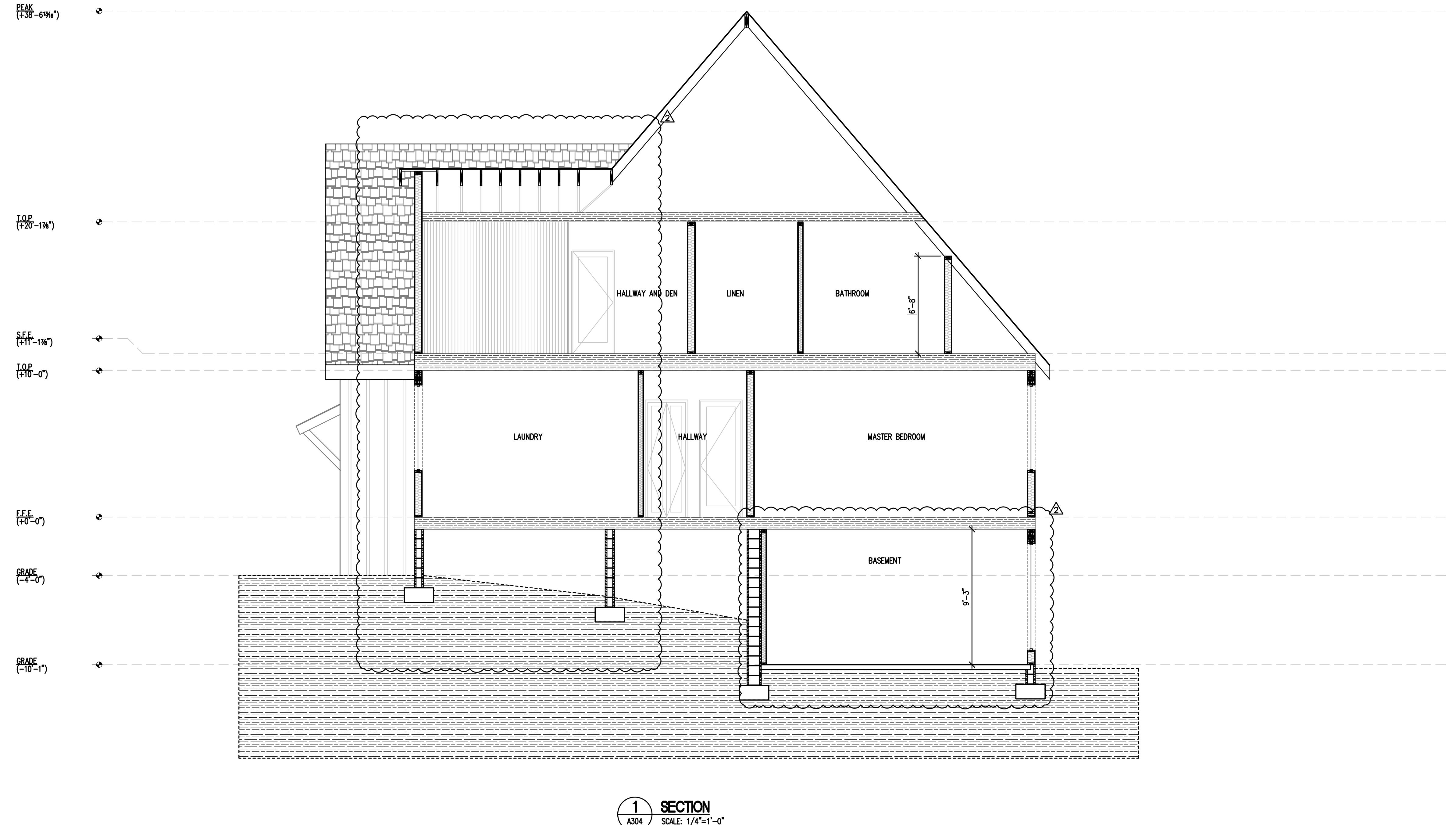


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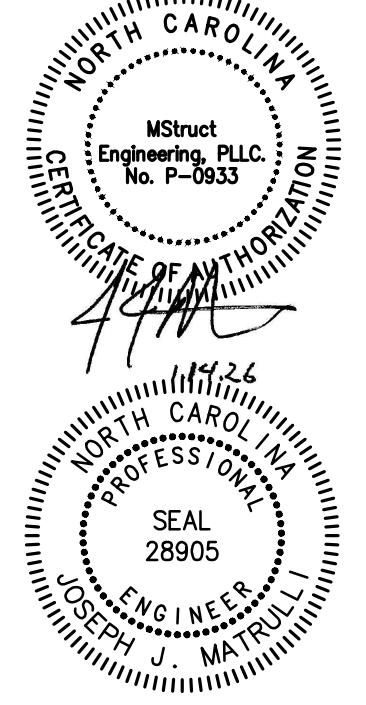


NUMBER	DATE	DESIGNER
1	1-14-25	DESIGN UPDATE
2		
PROJECT # 23-25		
PROJECT ENGINEER: JJM		
DRAWN BY:	WG	
ISSUE DATE: 082025		
CAD FILE: MA25-JOB8128-25\23-25-A304.DWG		
SHEET TITLE: SECTION		
Sheet A304		

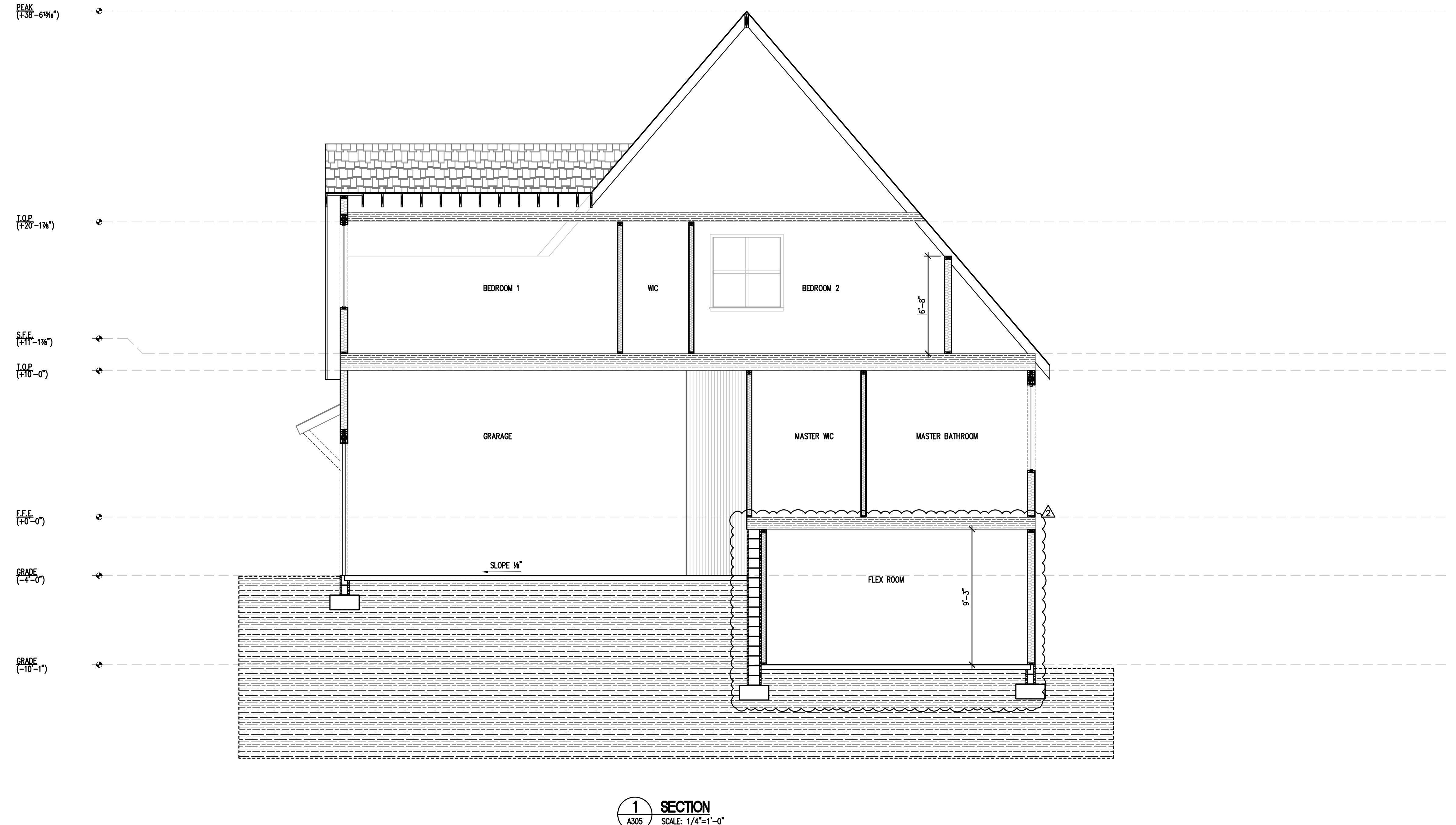


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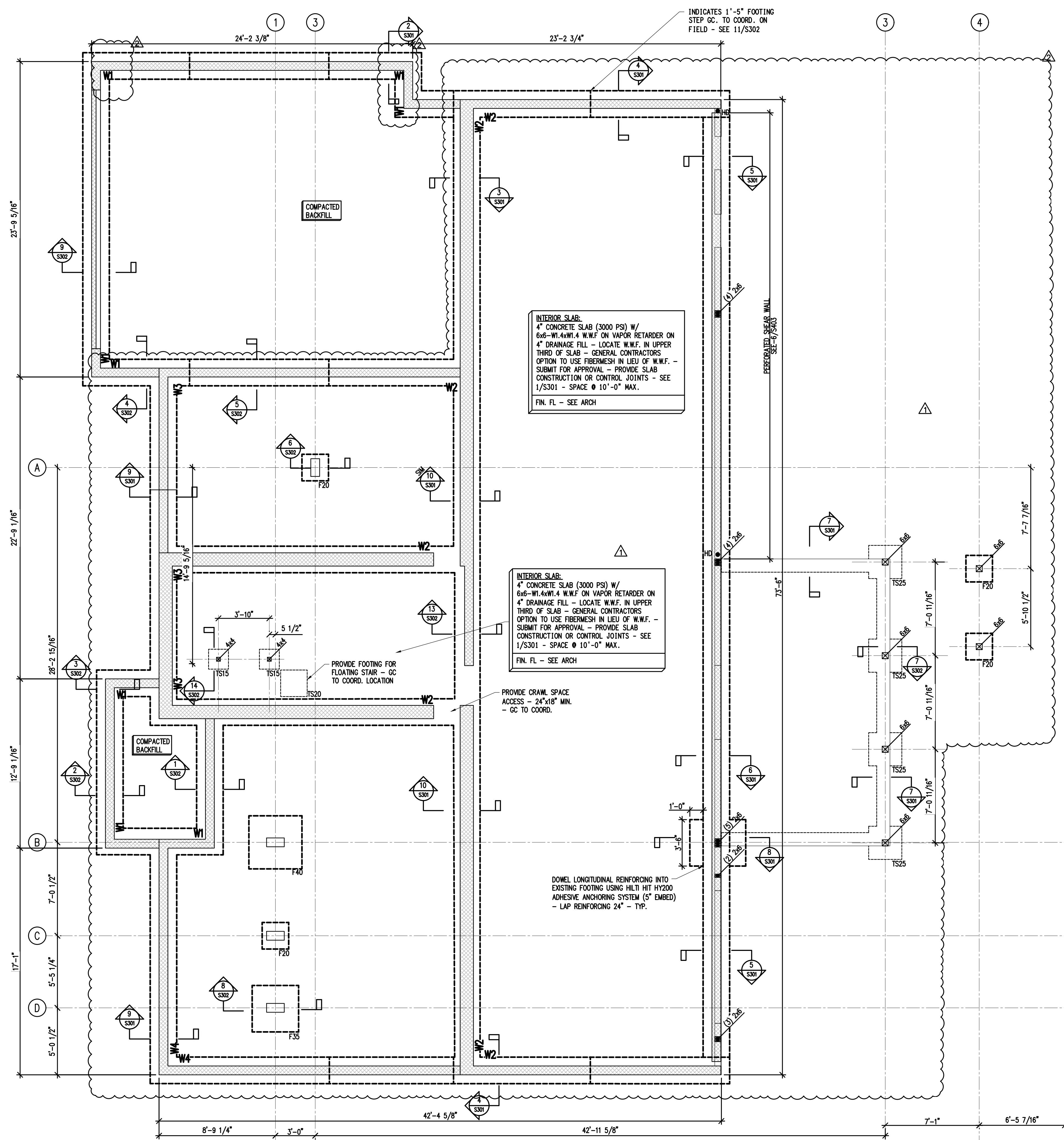


NUMBER	DATE	DESIGNER
1	1-14-25	DESIGN UPDATE
2		

PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 082025
CAD FILE: M25-JOB8128-25\23-25-A305.DWG
SHEET TITLE: SECTION



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WALL SHEATHING / WOOD STRUCTURAL PANEL BRACED WALL-
7/16" EXPOSURE 1) PLYWOOD WALL SHEATHING - LAYOUT
SHEETS STAGGERED AND PERPENDICULAR TO WALL STUDS
ATTACH TO WALL STUDS W/ 10d NAILS AT 6" O.C. ALONG
EDGES AND 12" O.C. INTERMEDIATE - PROVIDE SOLID BLOCKING
BETWEEN STUDS AT 48" ALIGN W/ PLYWOOD EDGES - TYP.
U.N.O. - SEE PLAN - WALL BRACING IS ENGINEERED PER
SECTION R602.10.5 OF THE 2018 NCRC

BEARING WALL STUD SCHEDULE (U.N.O.)			
FLOOR	LOCATION	SIZE	SPACING
1ST FLOOR	INTERIOR	2x6	Ø 16" O.C.
	EXTERIOR	2x6	Ø 16" O.C.
2ND FLOOR	INTERIOR	2x6	Ø 16" O.C.
	EXTERIOR	2x6	Ø 16" O.C.

CMU BEARING WALL SCHEDULE			
WALL	LOCATION	T	REBAR #
W1	GARAGE	8"	5 Ø32" O.C.
W2	SEE PLAN	12"	5 Ø24" O.C.
W3	SEE PLAN	12"	5 Ø48" O.C.
W4	INTERIOR	8"	5 Ø48" O.C.

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FOOTING SCHEDULE (ASSUMED 2000 PSF)

MARK	SIZE	THICK.	REINFORCING
F20	2'-0" x 2'-0"	12"	(3) #4 x 1'-6" EACH WAY
F35	3'-6" x 3'-6"	12"	(5) #4 x 3'-0" EACH WAY
F40	4'-0" x 4'-0"	12"	(6) #4 x 3'-6" EACH WAY
TS25	2'-6" x 2'-6"	12"	(4) #4 x 2'-0" EACH WAY
TS20	2'-0" x 2'-0"	12"	(3) #4 x 1'-6" EACH WAY
TS15	1'-6" x 1'-6"	12"	(2) #4 x 1'-0" EACH WAY

SOILS LABORATORY SHALL VERIFY SOIL BEARING PRESSURE AT BOTTOM OF EACH FOOTING PRIOR TO PLACING CONCRETE. STRUCTURAL FILL SUPPORTING SLAB OR FOOTINGS SHALL BE PLACED IN MAXIMUM 8' LIFTS, WITH EACH 8' LIFT TESTED BY LABORATORY FOR COMPACTION LISTED IN GENERAL NOTES.

1 FOUNDATION PLAN

S101
SCALE: 1/4=1'-0"

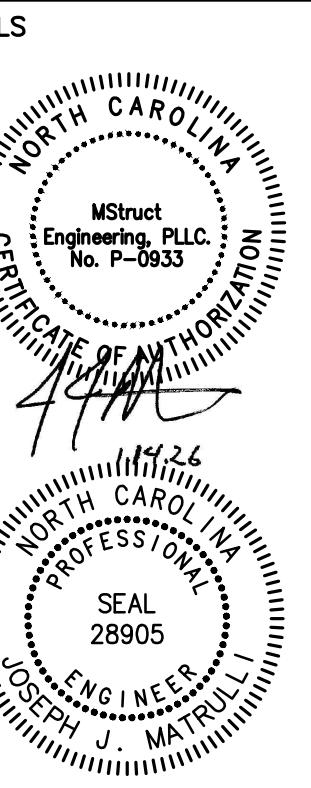
NOTES:

- TOP OF FOOTING - T.O.F. () REFERENCED FROM FIN. FL. (0-0).
- BOTTOM OF INTERIOR FOOTINGS (-1'-8") TYPICAL UNLESS NOTED OTHERWISE.
- BOTTOM OF EXTERIOR FOOTINGS (-1'-8") TYPICAL UNLESS NOTED OTHERWISE.
- CONTRACT DRAWINGS SHALL NOT BE USED FOR SHOP DRAWINGS.
- SEE THIS SHEET FOR FOOTING SCHEDULE.
- SEE SHEET S001 FOR GENERAL NOTES.
- PROVIDE CONTINUOUS LOAD PATH FROM COLUMNS TO FOUNDATION.

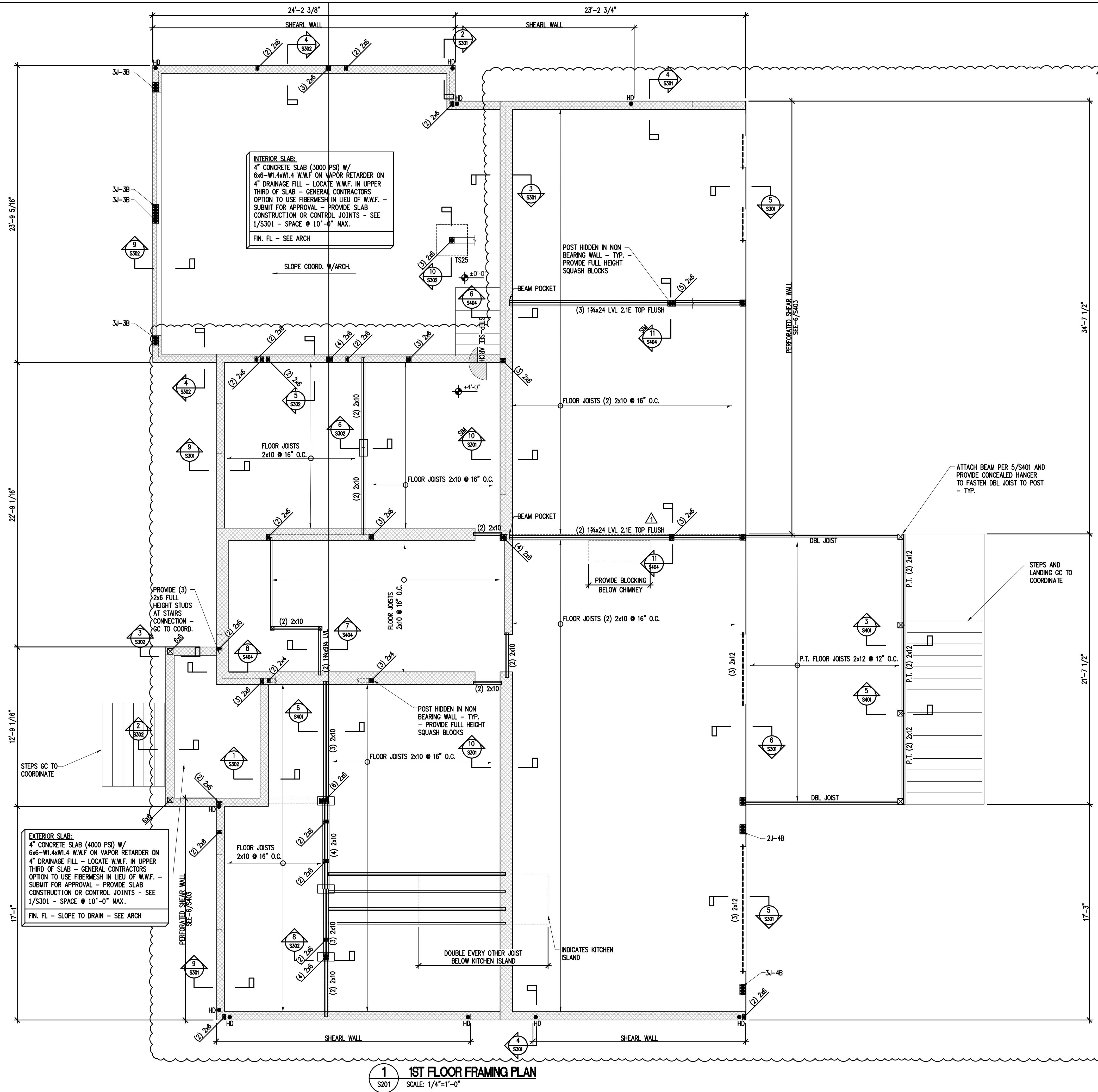
NUMBER	DATE	DESIGN	UPDATE	DESIGN	UPDATE
1	12-1-25			1-14-26	
2					

PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 082025
CAD FILE: MA25.JOB0823-25-25-B10.DWG
SHEET TITLE: FOUNDATION PLAN

Sheet
S101



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2x SAWN LUMBER HEADER:
PROVIDE (1) PIECES OF $\frac{1}{2}$ " PLYWOOD FILLER BETWEEN 2x
HEADER MEMBERS TO ACHIEVE $\frac{3}{4}$ " WALL THICKNESS -
FASTEN 2x MEMBERS W/ (2) ROWS OF 10d NAILS @ 12"
O.C. - SEE 1/S401 FOR HEADER BEARING CONNECTION

MICROLAM HEADER NOTE:
GLUE AND FASTEN MEMBERS W/ (2) ROWS OF 10d
NAILS @ 12" O.C. - SEE 2/S401 FOR HEADER BEARING
CONNECTION

GANG STUD NOTE:
FASTEN GANGED 2x WALL STUDS W/ (1) ROW OF 10d
NAILS @ 12" O.C. - TYP.

FLOOR SHEATHING:
23/32" STRUT I TONGUE AND GROOVE PLYWOOD/OSB
SUBFLOOR WITH SPAN RATING OF 48/24 OR BETTER. ATTACH
TO SUPPORTING MEMBERS USING 10GA x 2" LONG SCREWS @
6" O.C. EDGES AND @ 12" O.C. INTERMEDIATE - GLUE TO ALL
SUPPORTING MEMBERS. LAYOUT STACED AND
PERPENDICULAR TO SUPPORTING MEMBERS.

(2) 2x10

HEADER, JAM STUD AND JACK POST:
#A=NUMBER OF JACKS
#B=NUMBER OF BYPASSES
PROVIDE (3) 2x6 HEADER AT ALL OPENINGS U.N.O., (1) JACK
AND (#) BYPASS STUDS/FULL HEIGHT STUDS BOTH SIDES
AT ALL LOAD BEARING JAMS (SEE BELOW) - TYP. UNO.
BYPASS STUDS NUMBER:
OPENING SIZE (INCH) 2x6
<3' 1
3'-7' 2
7'-10' 3
11'-14' 4
15'-18' 5

HANGER SCHEDULE FOR JOISTS AND BEAMS	
MEMBER SIZE	HANGER
2x6	LUS26
2x8	LUS26
2x10	LUS28
2x12	LUS210
(2) 2x6	LUS26-2
(2) 2x8	LUS28-2
(2) 2x10	LUS210-2
(2) 2x12	LUS214-2
(3) 2x6	LUS26-3
(3) 2x8	LUS28-3
(3) 2x10	LUS210-3
(3) 2x12	HU212-3 MIN
(4) 2x10	HU210-4
(4) 2x12	HU210-4

FASTENING SCHEDULE FOR SOLID SAWN MEMBERS		
CONNECTION	FASTNER	NUMBER OR SPACING
TOP OR SOLE PLATE TO STUD, END NAIL	16d COMMON	2
STUD TO SOLE PLATE, TOE NAIL	8d COMMON	4
DOUBLE STUDS FACE NAIL	10d COMMON	16" O.C.
TRIPLE STUDS FACE NAIL	10d COMMON	12" O.C.
>3 STUDS, NAIL EACH LAMINATION W/	16d COMMON	12" O.C.
BUILT UP CORNER STUDS	16d COMMON	24" O.C.
DOUBLE TOP PLATE, FACE NAIL	10d COMMON	12" O.C.
TOP PLATE, LAP & INTERSECTIONS FACE NAIL	10d COMMON	3
CONTINUOUS HEADER, TWO PIECES	16d COMMON	16" O.C. ALONG EDGE
CONTINUOUS HEADER TO STUD, TOE NAIL	8d COMMON	3
LEAFER STRIP	16d COMMON	3 AT EACH TRUSS
BUILT UP GIRDERS & BEAMS	16d COMMON	12" O.C. AT TOP AND BOTTOM STAGGERED 2 ENDS AND AT EACH SPLICE
COLLAR TIE TO RAFTER, FACE NAIL	16d COMMON	4
JACK RAFTER TO HIP	10d COMMON	3
ROOF RAFTER TO 2X RIDGE BEAM, TOENAIL	16d COMMON	2

FOOTING SCHEDULE (ASSUMED 2000 PSF)

TS25 2'-6" x 2'-6" 12" (4) #4 x 2"-0" EACH WAY

SOLS LABORATORY SHALL VERIFY SOL BEARING PRESSURE AT BOTTOM OF EACH FOOTING PRIOR TO
PLACING CONCRETE. STRUCTURAL FILL SUPPORTING SLAB OR FOOTINGS SHALL BE PLACED IN MAXIMUM
8' LIFTS, WITH EACH 8' LIFT TESTED BY LABORATORY FOR COMPACTION LISTED IN GENERAL NOTES.

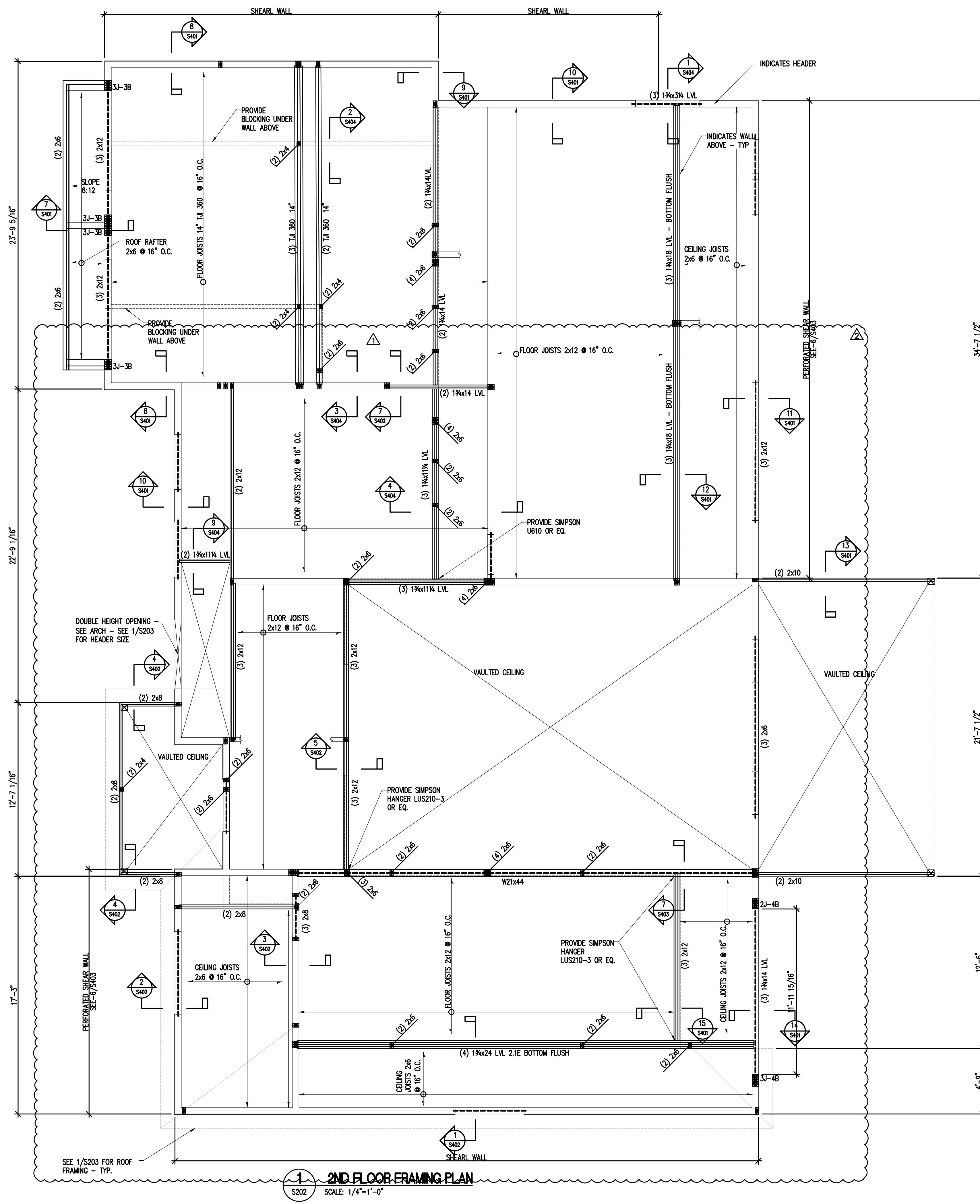
NOTES:
SEE S101 FOR:
-WALL SHEATHING / WOOD STRUCTURAL PANEL BRACED WALL NOTE
-BEARING WALL SCHEDULE

PROJECT # 23-25
PROJECT ENGINEER: JMM
DRAWN BY: WG
ISSUE DATE: 082025
CAD FILE: MA25.JOB9183-25-23-25-S201.DWG
SHEET TITLE: FOUNDATION PLAN
Sheet S201



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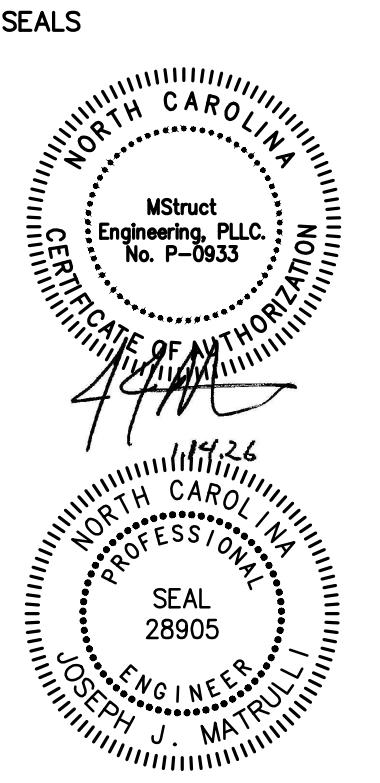
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NOTES:	
SEE S101 FOR:	
-WALL SHEATHING / WOOD STRUCTURAL PANEL BRACED WALL NOTE	
-BEARING WALL SCHEDULE	
SEE S201 FOR:	
-CANT STUD NOTE	
-SAWN LUMBER HEADER NOTE	
-MICROLAM HEADER NOTE	
-WALL SHEATHING / WOOD STRUCTURAL PANEL BRACED WALL NOTE	
-FLOOR SHEATHING NOTE	
-BEARING WALL SCHEDULE	
-HEADER, JAM STUD AND JACK POST NOTE	
-HANGER SCHEDULE FOR JOISTS AND BEAMS	
-FASTENING SCHEDULE FOR SOLID SAWN MEMBERS	

FASTENING SCHEDULE FOR LVL MEMBERS				
CONNECTION	FASTNER	ROWS	SPACING	ILLUSTRATION
3 1/2" WIDE - (2) PLY	10d COMMON	2	12" O.C.	
5 1/4" WIDE - (3) PLY	10d COMMON	3	12" O.C.	
7" WIDE - (4) PLY	SIMPSON STRONG TIE SDS25600	2	16" O.C.	

EACH MEMBER SHALL BE GLUED PRIOR FASTENING ACCORDING THIS SCHEDULE



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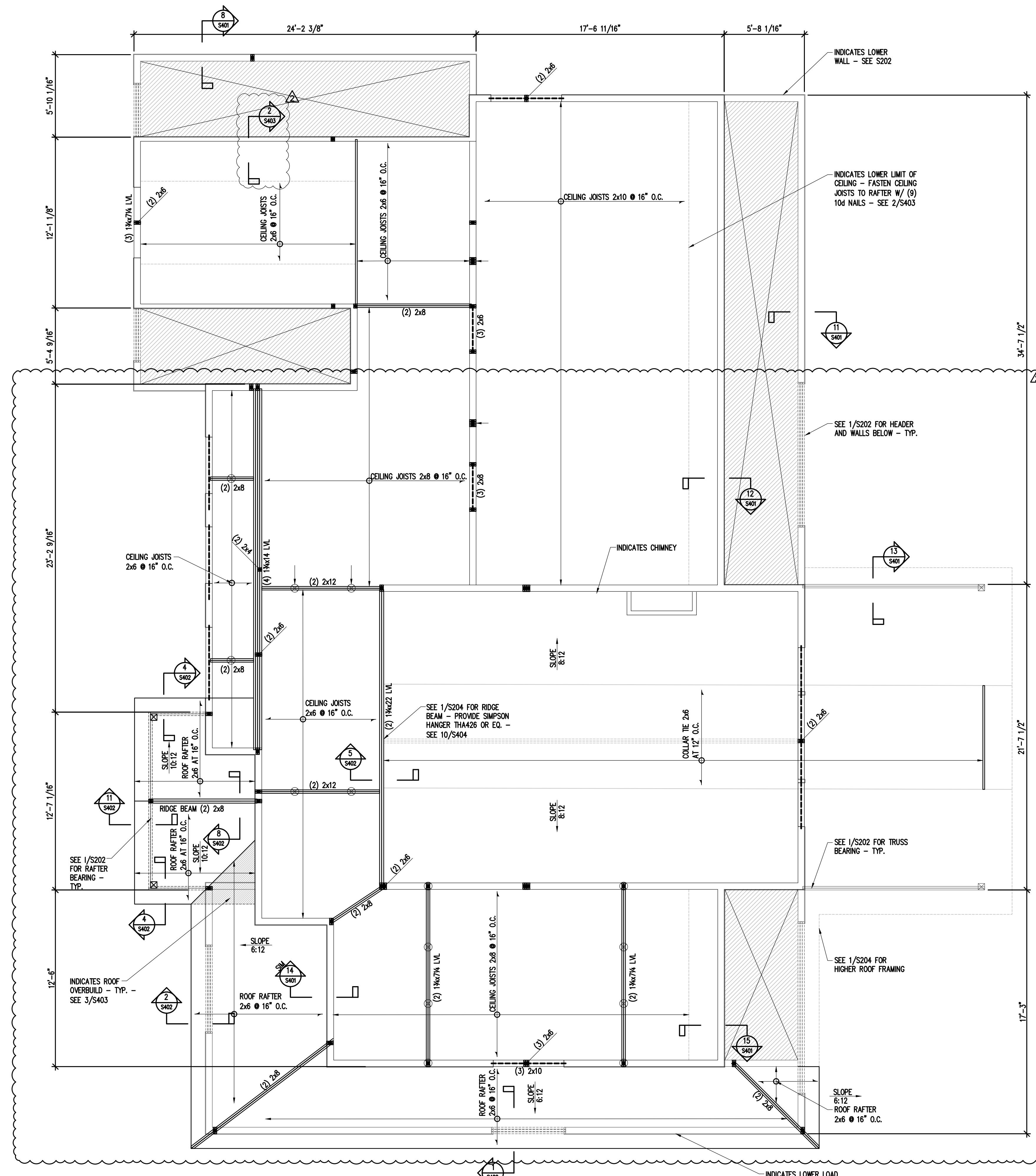
NUMBER	DATE	DESIGNER	REVIEWER
2	1-14-26	JJM	WG

PROJECT #	23-25
PROJECT ENGINEER:	JJM
DRAWN BY:	WG
ISSUE DATE:	062025
CAD FILE:	MA25.JOB9192-25-23-25-S202.DWG
Sheet	S202



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NOTES:

SEE S101 FOR:
-WALL SHEATHING / WOOD STRUCTURAL PANEL BRACED WALL NOTE
-BEARING WALL SCHEDULE

SEE S201 FOR:
-GANG STUD NOTE
-SAWN LUMBER HEADER NOTE
-MICROLAM HEADER NOTE
-WALL SHEATHING / WOOD STRUCTURAL PANEL BRACED WALL NOTE
-FLOOR SHEATHING NOTE
-BEARING WALL SCHEDULE
-HEADER, JAM STUD AND JACK POST NOTE
-HANGER SCHEDULE FOR JOISTS AND BEAMS
-FASTENING SCHEDULE FOR SOLID SAWN MEMBERS

SEE S202 FOR:
-FASTENING SCHEDULE FOR LVL MEMBERS

HATCH INDICATES ATTIC SPACE - PROVIDE ACCESS TO ALL ATTIC SPACES

ROOF BRACING NOTES

- Indicates vertical (or almost vertical) brace to partition below.
- Indicates diagonal brace from hog above.
- Indicates diagonal brace to wall/hog below.
- All braces shall be 2x4 T-braces - braces greater than 10'-0" long shall be braced horizontally at midspan - fasten to hog with (2) 10d nails.
- Spaces braces no more than 4'-0" O.C.
- Splice hogs at roof/ceiling joist.

ROOF JOIST
2x6 HOG - FASTEN TOGETHER W/ 10d NAILS @ 6" O.C.
T- BRACE - SEE PLAN
ROOF HOG
CEILING HOG
T- BRACE

Gustavo and Maria Hernandez House
296 Gatewood LN
Matthews, NC

NUMBER	DATE	DESIGNER	REVIEWER
2	1-14-26	JJM	WG

PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 082025
CAD FILE: MA25-JOB9129-25-23-25-S203.DWG
SHEET TITLE: CEILING PLAN

Sheet
S203



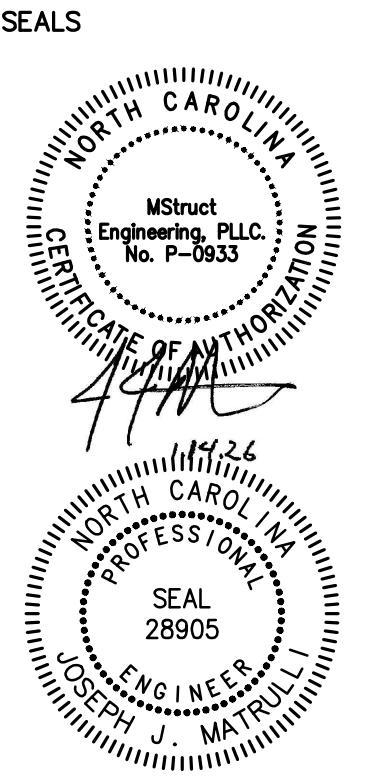
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NOTES:

- SEE S101 FOR:
-WALL SHEATHING / WOOD STRUCTURAL PANEL BRACED WALL NOTE
-BEARING WALL SCHEDULE
- SEE S201 FOR:
-GANG STUD NOTE
-SAWN LUMBER HEADER NOTE
-MICROLAM HEADER NOTE
-WALL SHEATHING / WOOD STRUCTURAL PANEL BRACED WALL NOTE
-FLOOR SHEATHING NOTE
-BEARING WALL SCHEDULE
-HEADER, JAM STUD AND JACK POST NOTE
-HANGER SCHEDULE FOR JOISTS AND BEAMS
-FASTENING SCHEDULE FOR SOLID SAWN MEMBERS
- SEE S202 FOR:
-FASTENING SCHEDULE FOR LVL MEMBERS
- SEE S203 FOR:
-ROOF BRACING NOTES

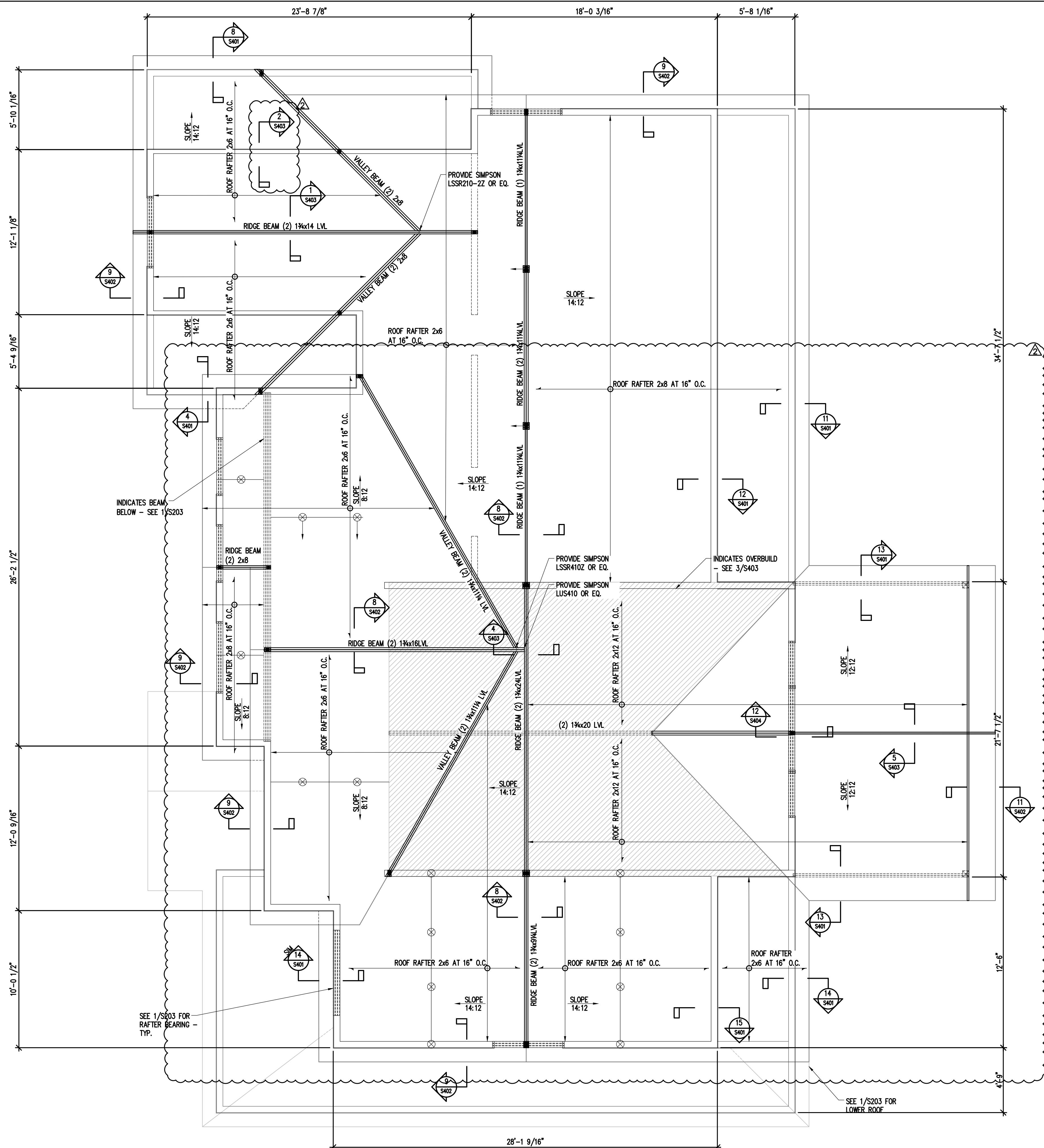
ROOF SHEATHING:
19/32 STRUCTURAL RATED PLYWOOD ROOF DECK
- ATTACH TO ROOF MEMBERS W/ 10 ga NAILS
AT 6" O.C. EDGES AND 12" O.C. INTERMEDIATE
- LAYOUT STAGGERED AND PERPENDICULAR TO
ROOF MEMBERS - PROVIDE SPACER CLIPS AT 16"
O.C. BETWEEN PANEL EDGES - TYP. U.N.O.



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NUMBER	DATE	DESIGNATION
2	1-14-26	DESIGN UPDATE

PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 082025
CAD FILE: MA25.JOB9123-25-23-25-S204.DWG
SHEET TITLE: ROOF PLAN

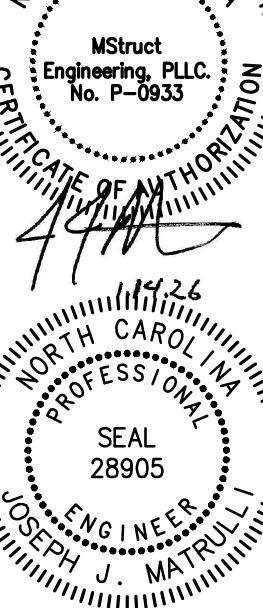


1
S204
ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"



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SEALS

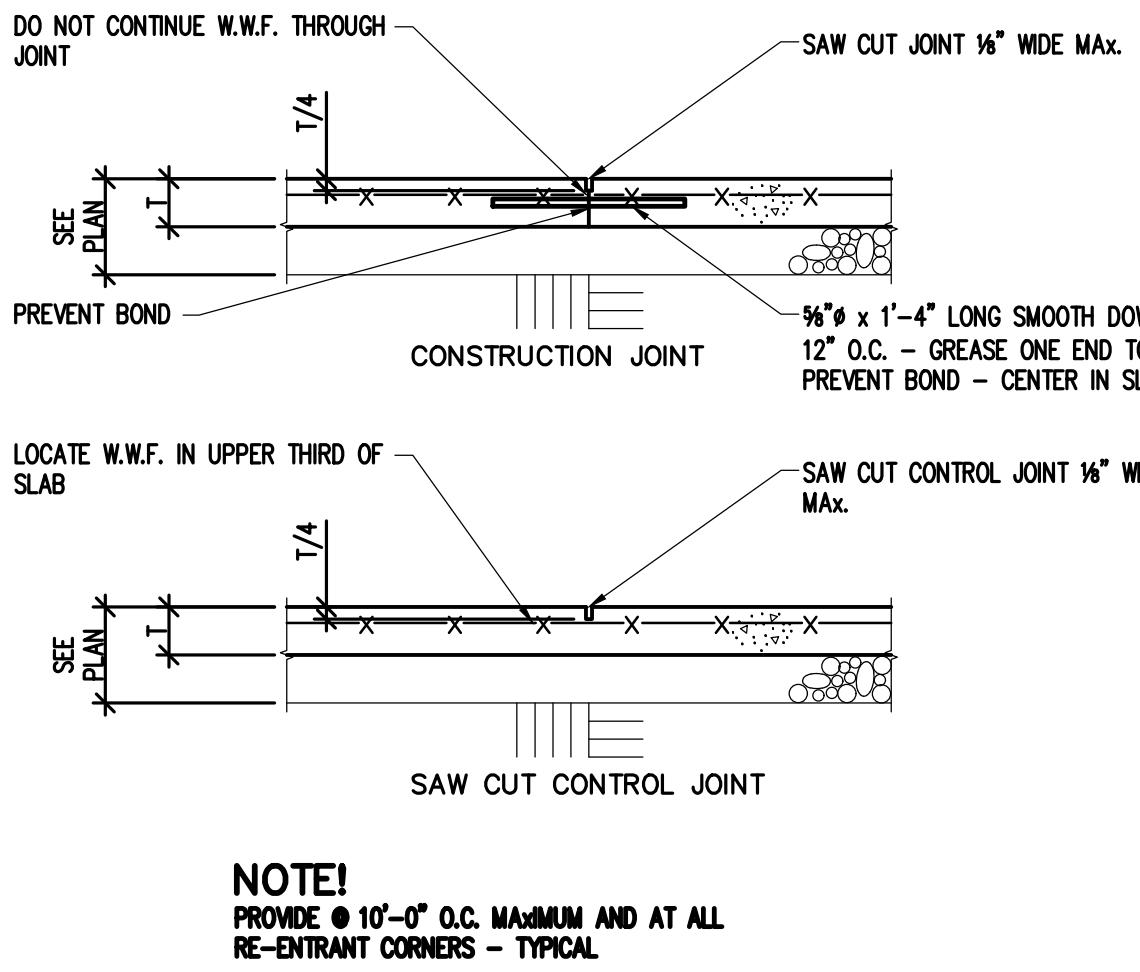


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NUMBER	DATE
1	12-1-25
2	1-14-26

PROJECT #	23-25
PROJECT ENGINEER:	JJM
DRAWN BY:	WG
ISSUE DATE:	082025
CAD FILE:	MA25.JOB\23-25\23-25-S301.DWG
SHEET TITLE:	FOUNDATION DETAILS

Sheet
S301



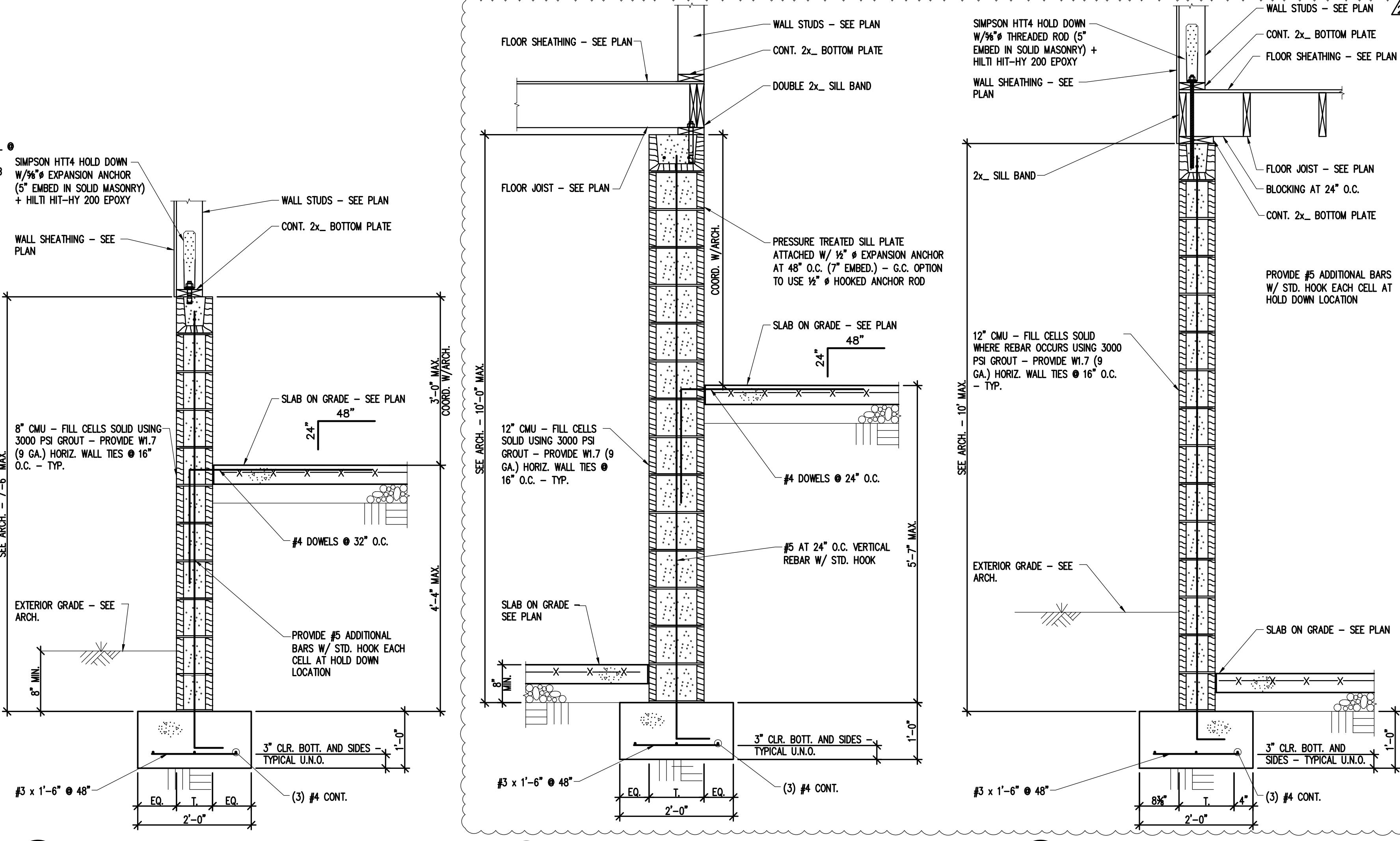
1 CONTROL/CONSTRUCTION JOINT

S301

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

CLASS B SPUCE AND STD. HOOK SCHEDULE		
BAR #	LAP LENGTH (IN.)	STD. HOOK (IN.)
4	29	8
5	36	10
6	43	12
7	63	14
8	72	16
9	81	20

LAP LENGTH
STANDARD HOOK



2 SECTION AT HOLD DOWN

S301

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

3 SECTION AT EXTERIOR WALL

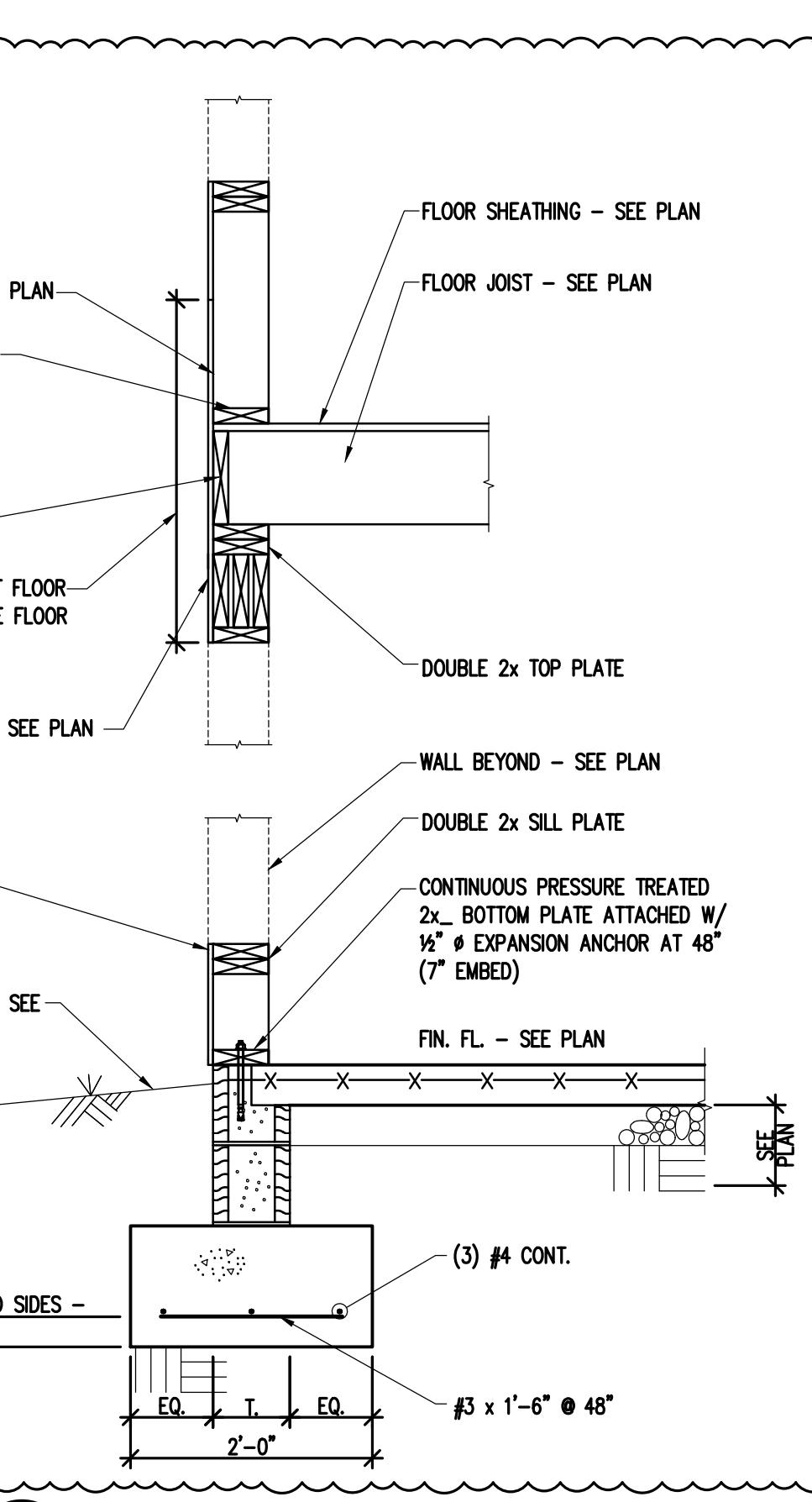
S301

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

4 SECTION AT HOLD DOWN

S301

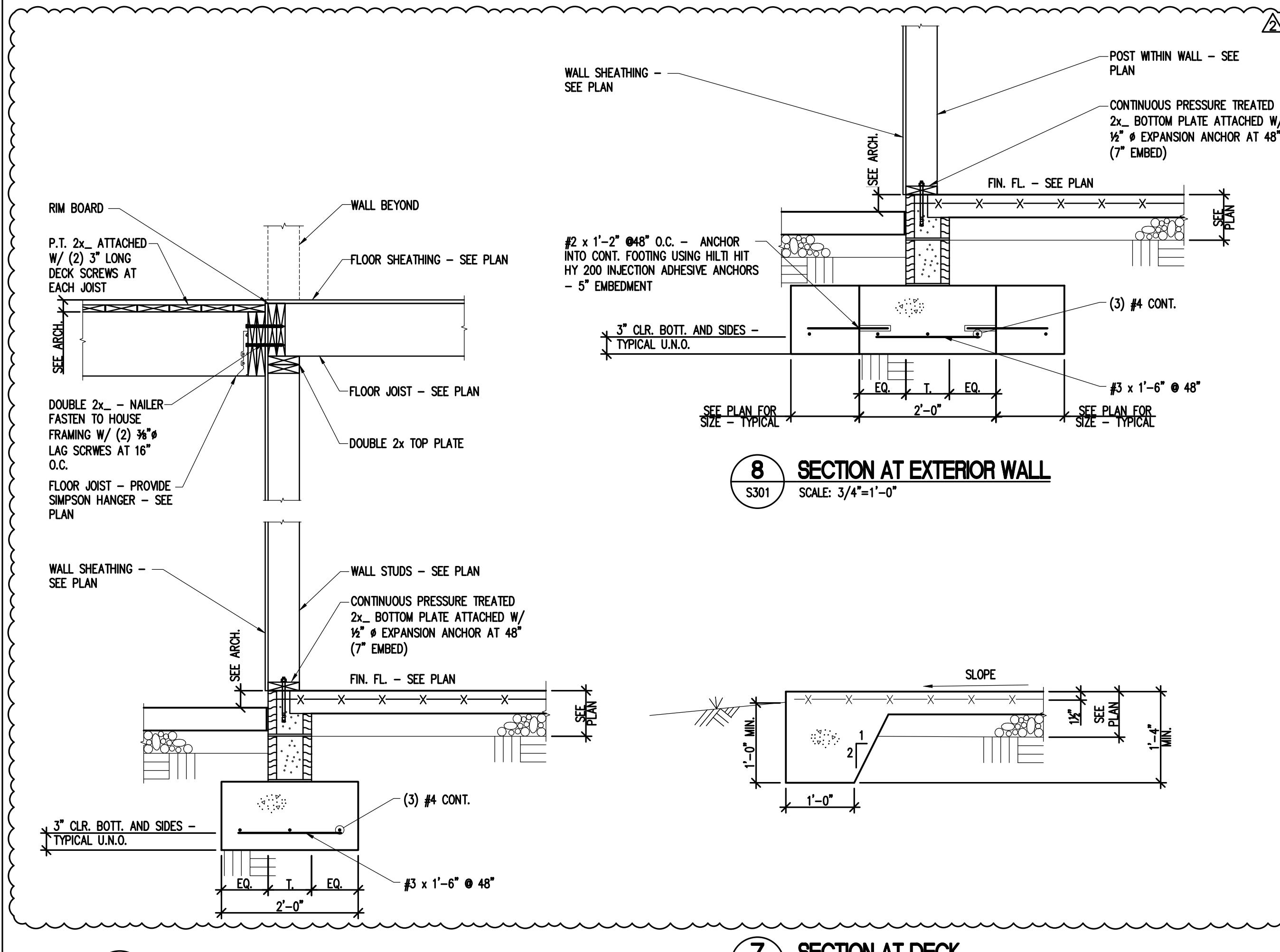
SCALE: 3/4"=1'-0"



5 SECTION AT EXTERIOR WALL

S301

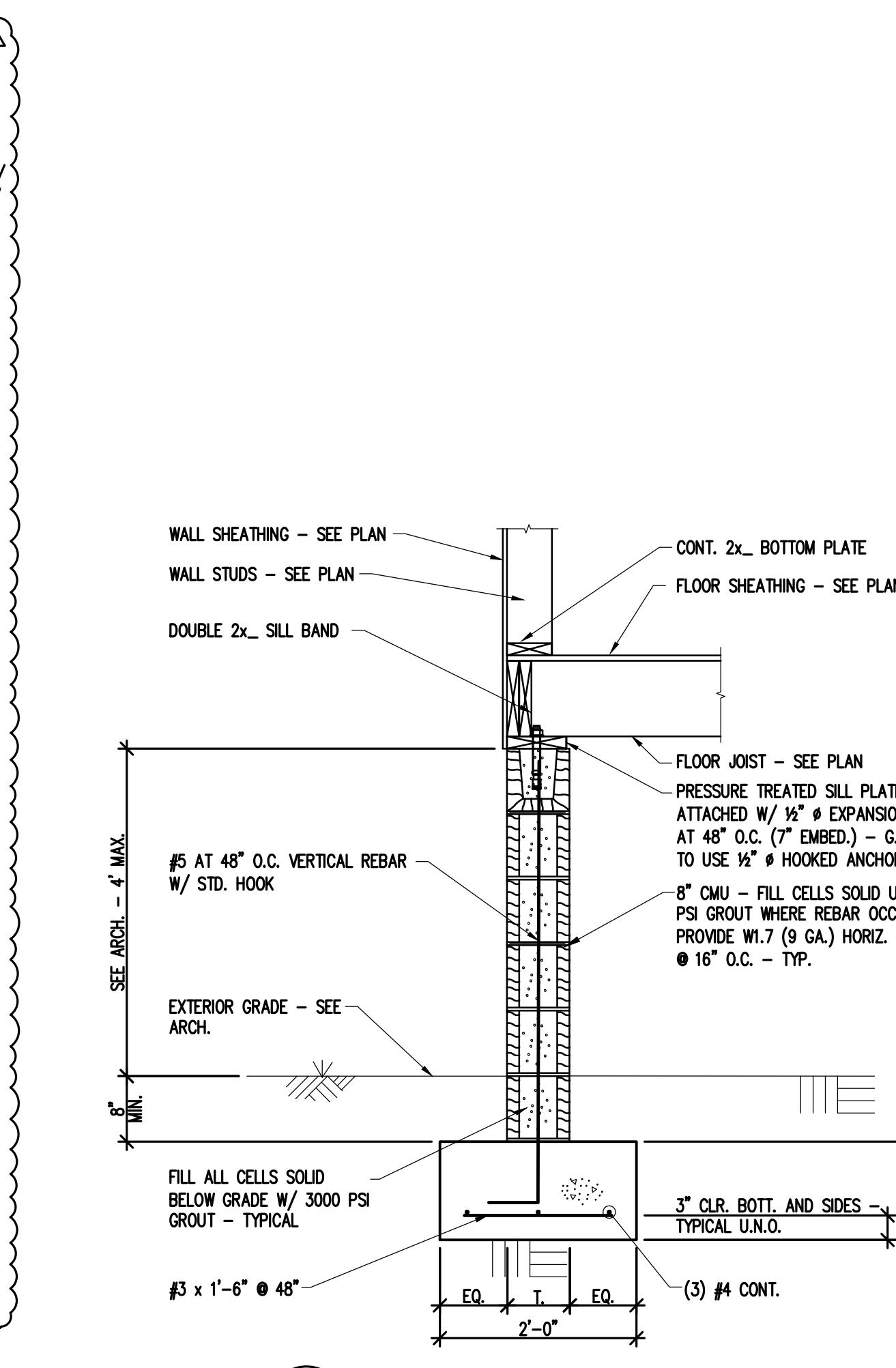
SCALE: 3/4"=1'-0"



6 SECTION AT EXTERIOR WALL

S301

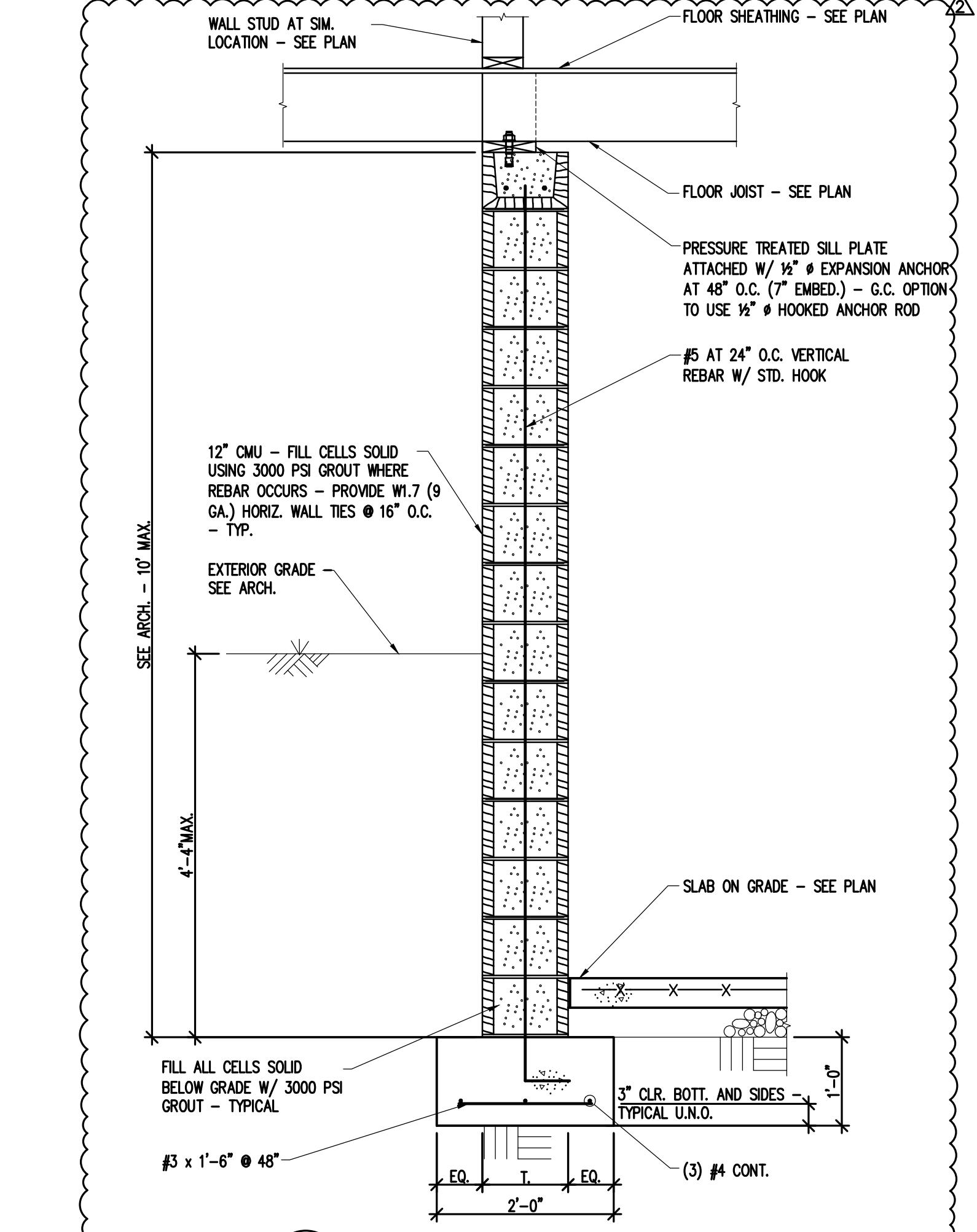
SCALE: 3/4"=1'-0"



7 SECTION AT DECK

S301

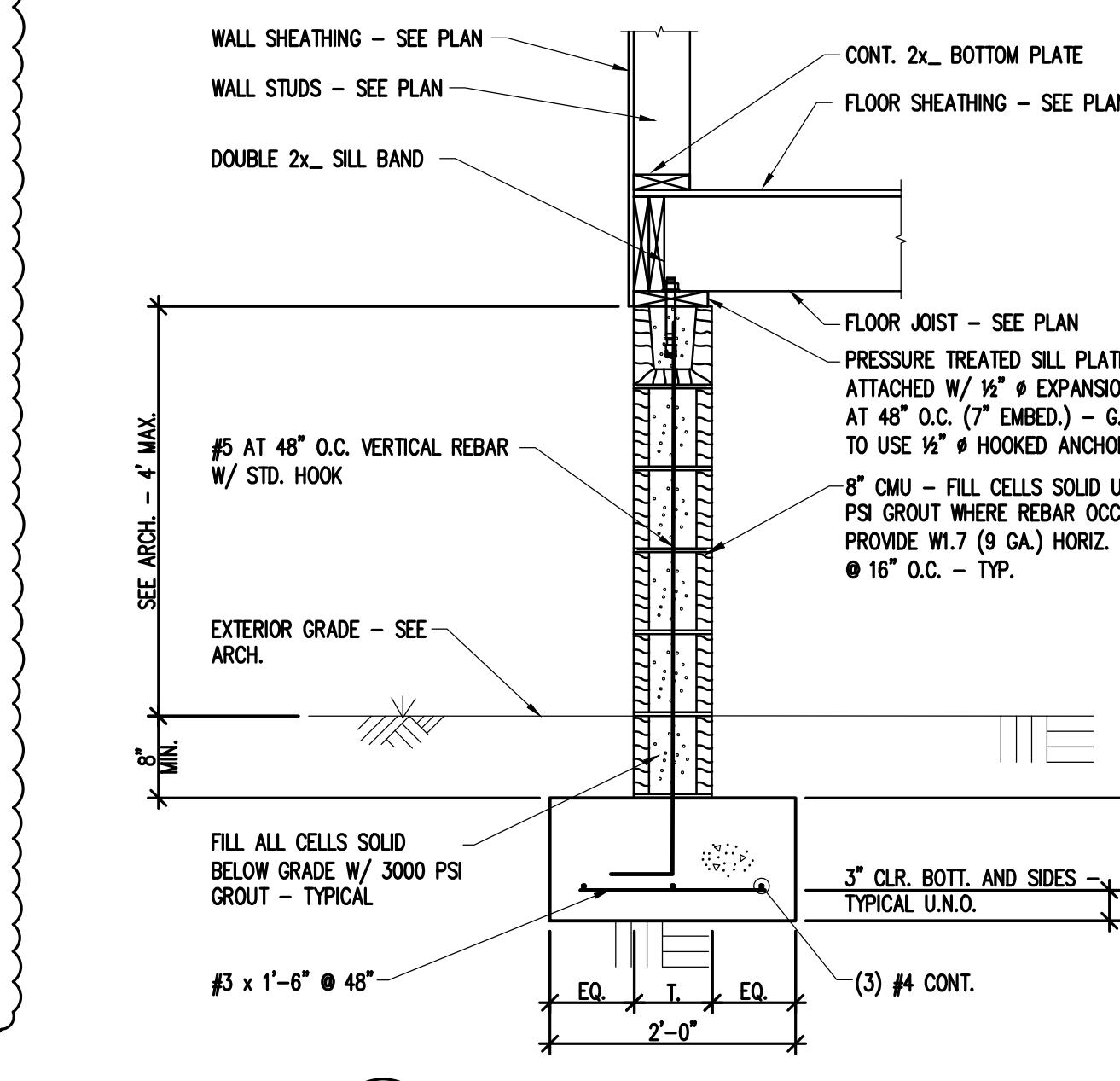
SCALE: 3/4"=1'-0"



8 SECTION AT EXTERIOR WALL

S301

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



9 SECTION AT EXTERIOR WALL

S301

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



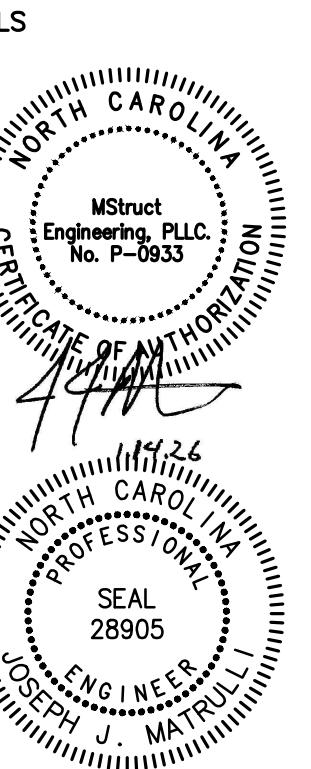
10 SECTION AT EXTERIOR WALL

S301

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



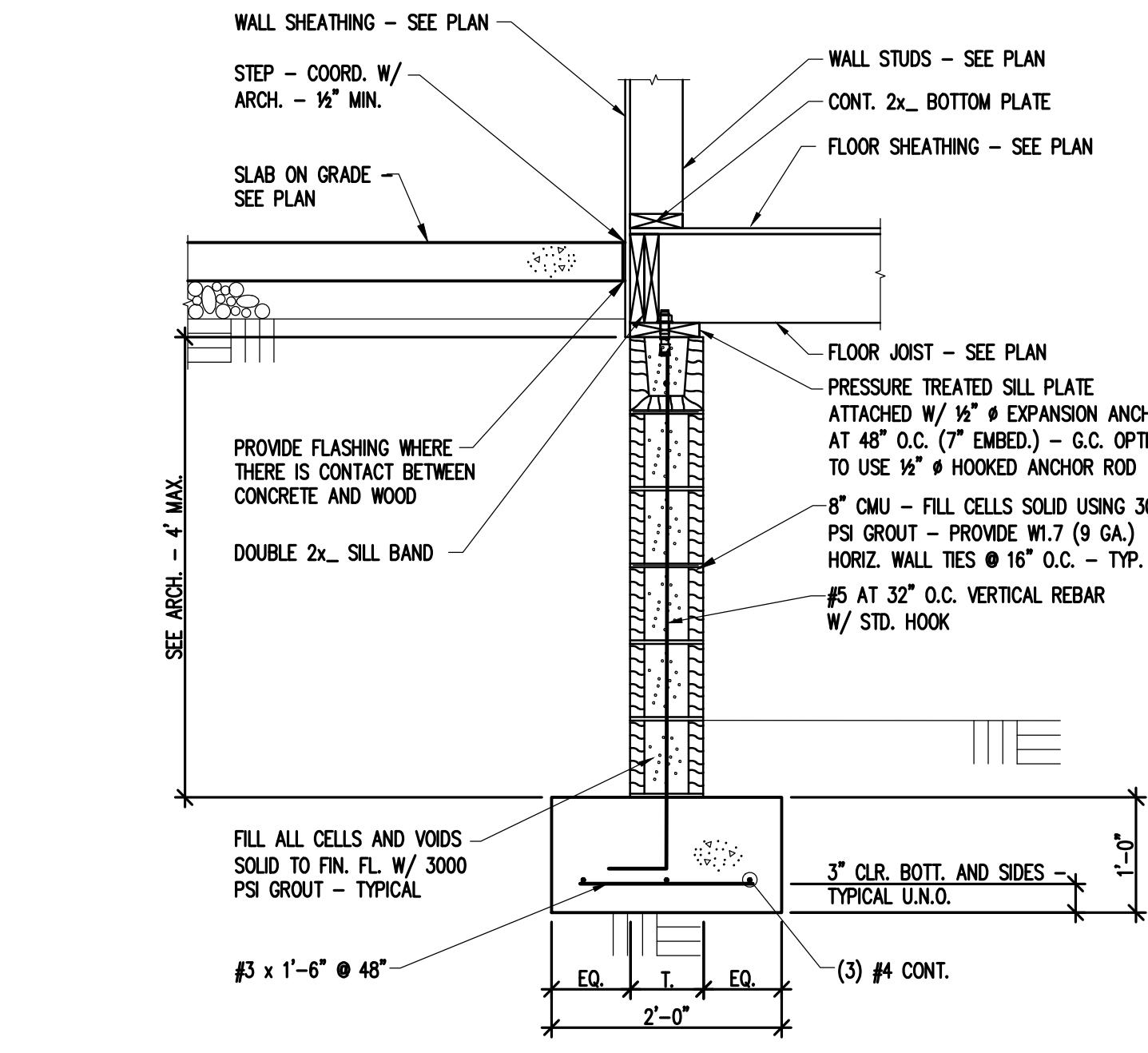
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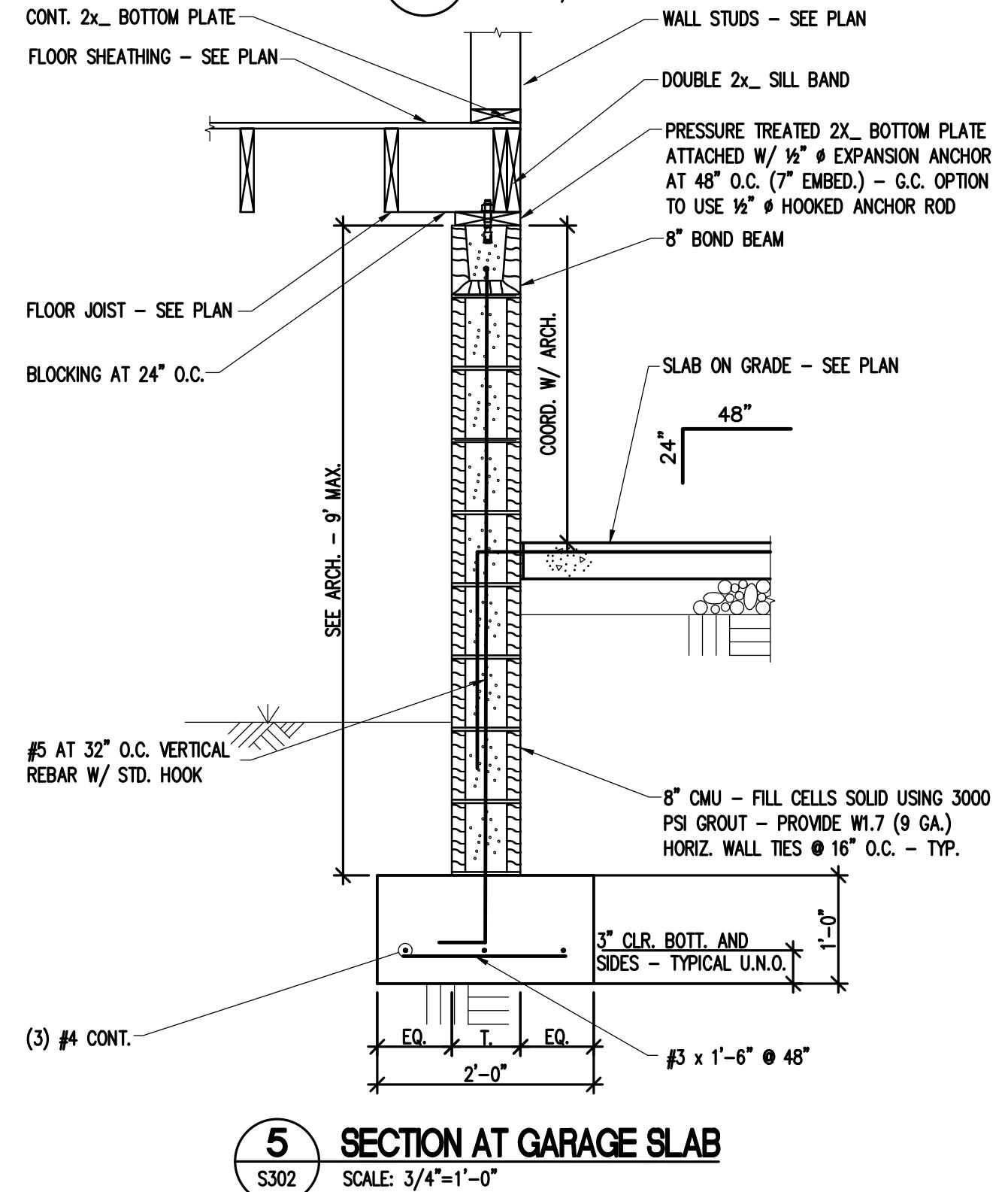
Gustavo and Maria Hernandez House
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Matthews, NC

ITEM	DATE	DESIGN	UPDATE	DESIGN	UPDATE
1	12-1-25				
2	1-14-26				

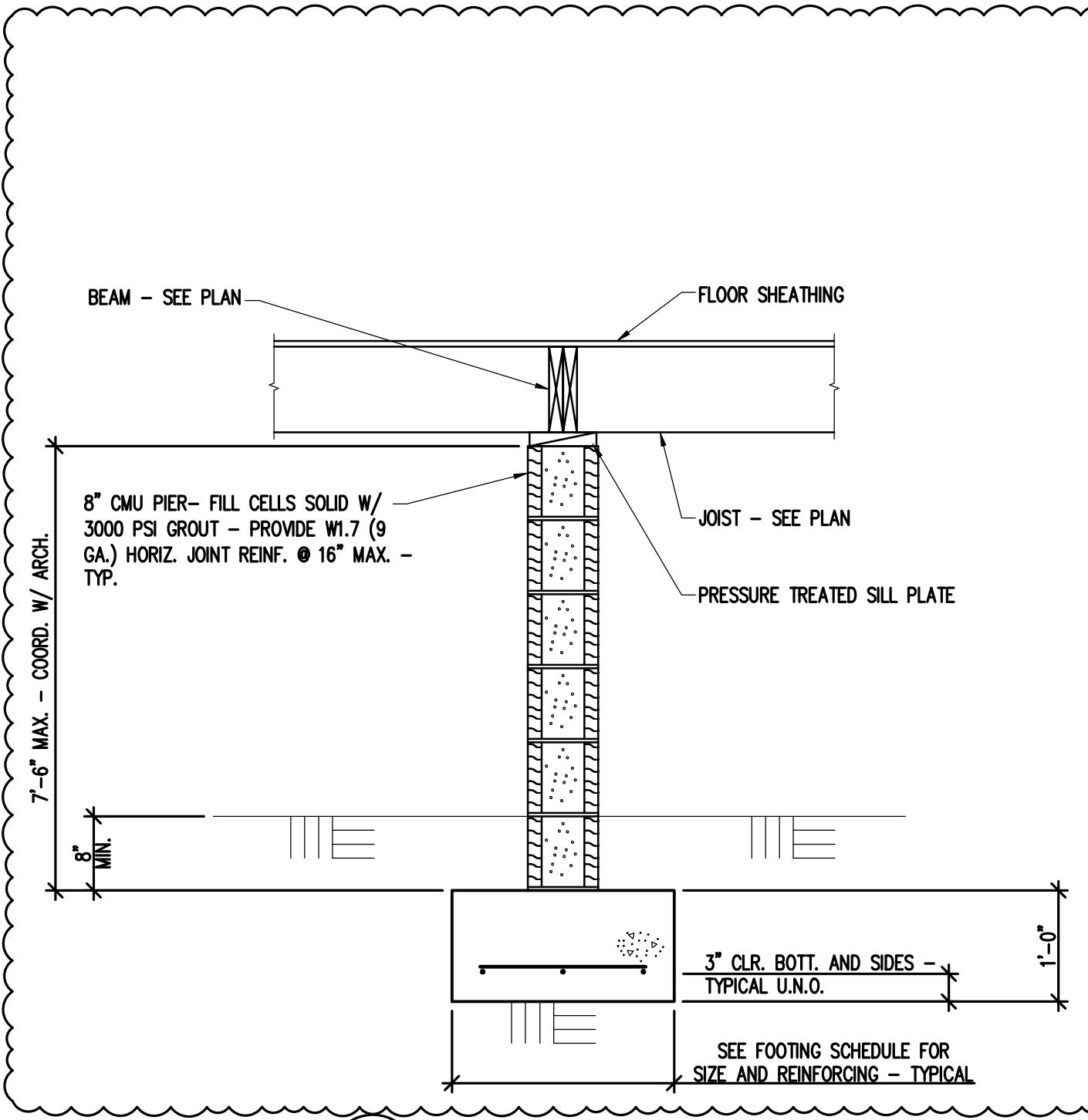
PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 08.20.25
CAD FILE: MA25.JOB123-25-23-25-S302.DWG
SHEET TITLE: FOUNDATION DETAILS



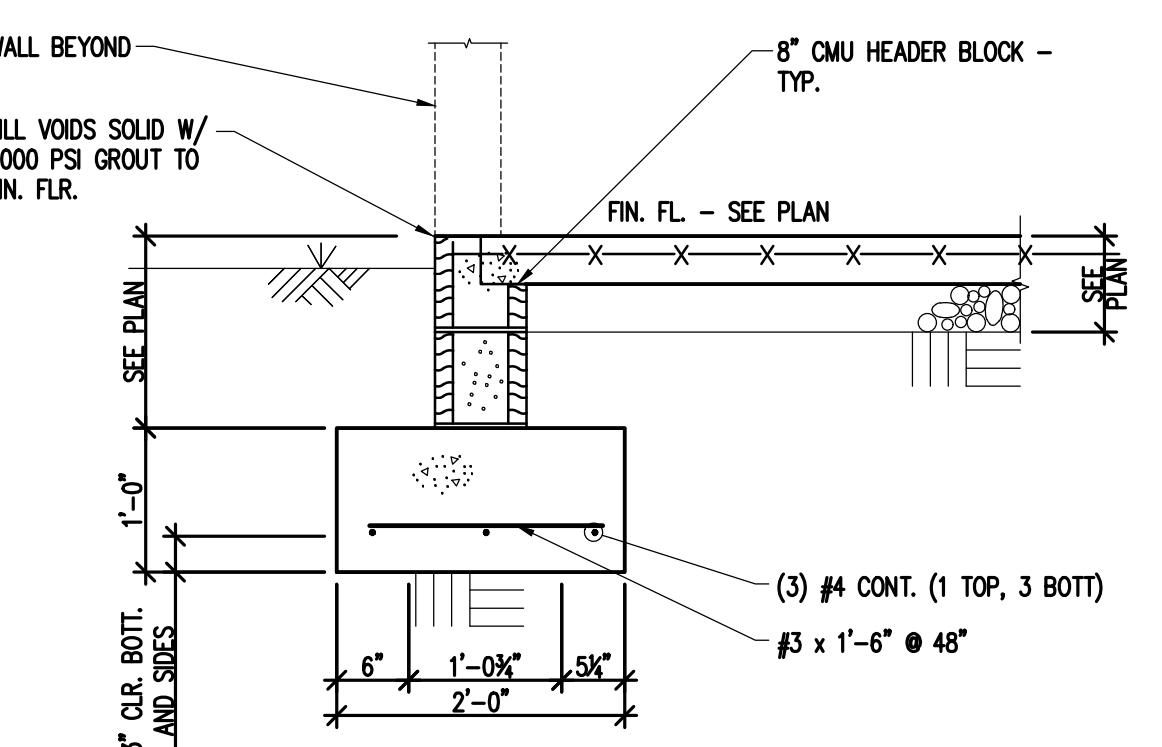
1 SECTION AT EXTERIOR WALL



5 SECTION AT GARAGE SLAB



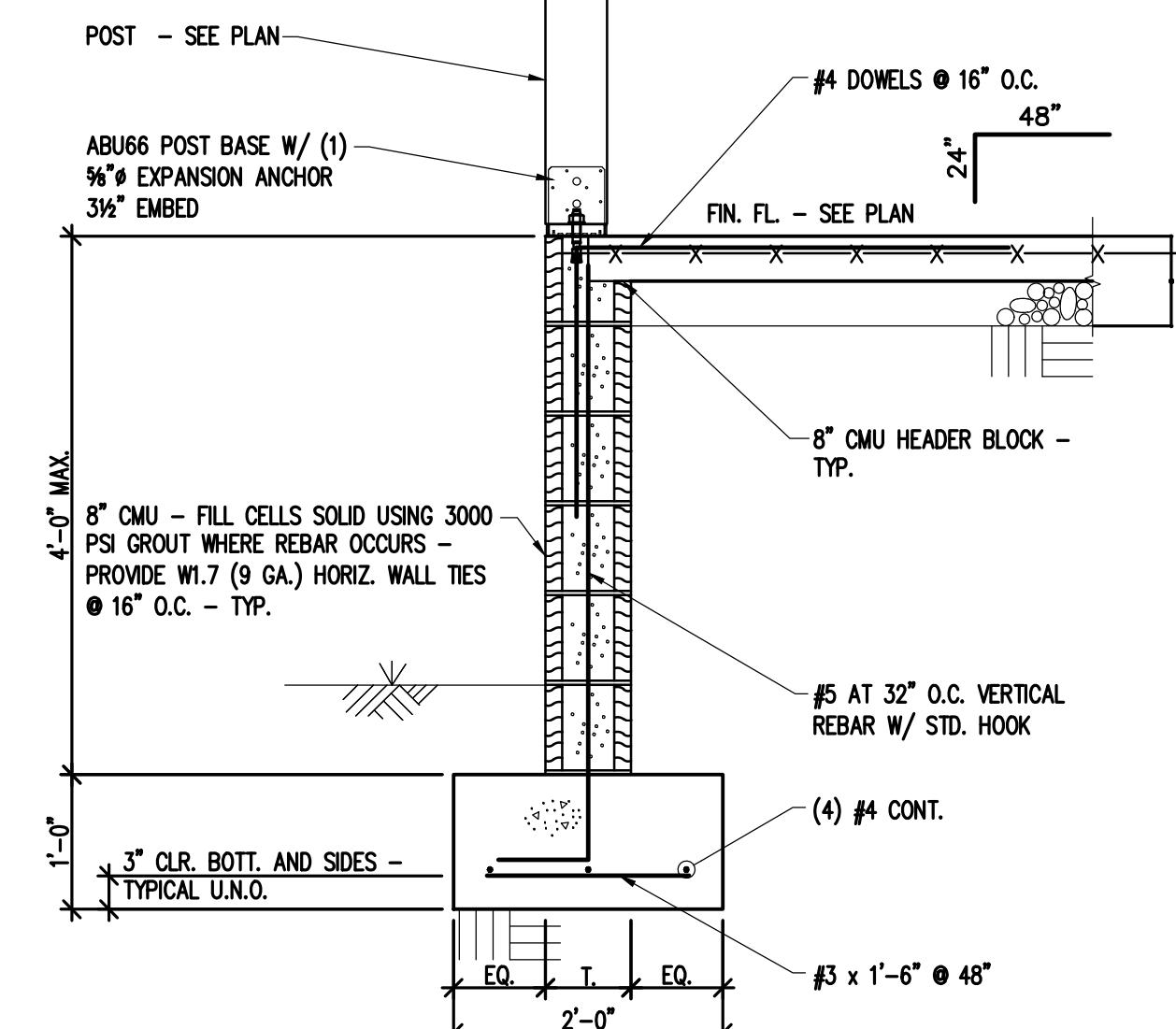
6 SECTION AT PIER



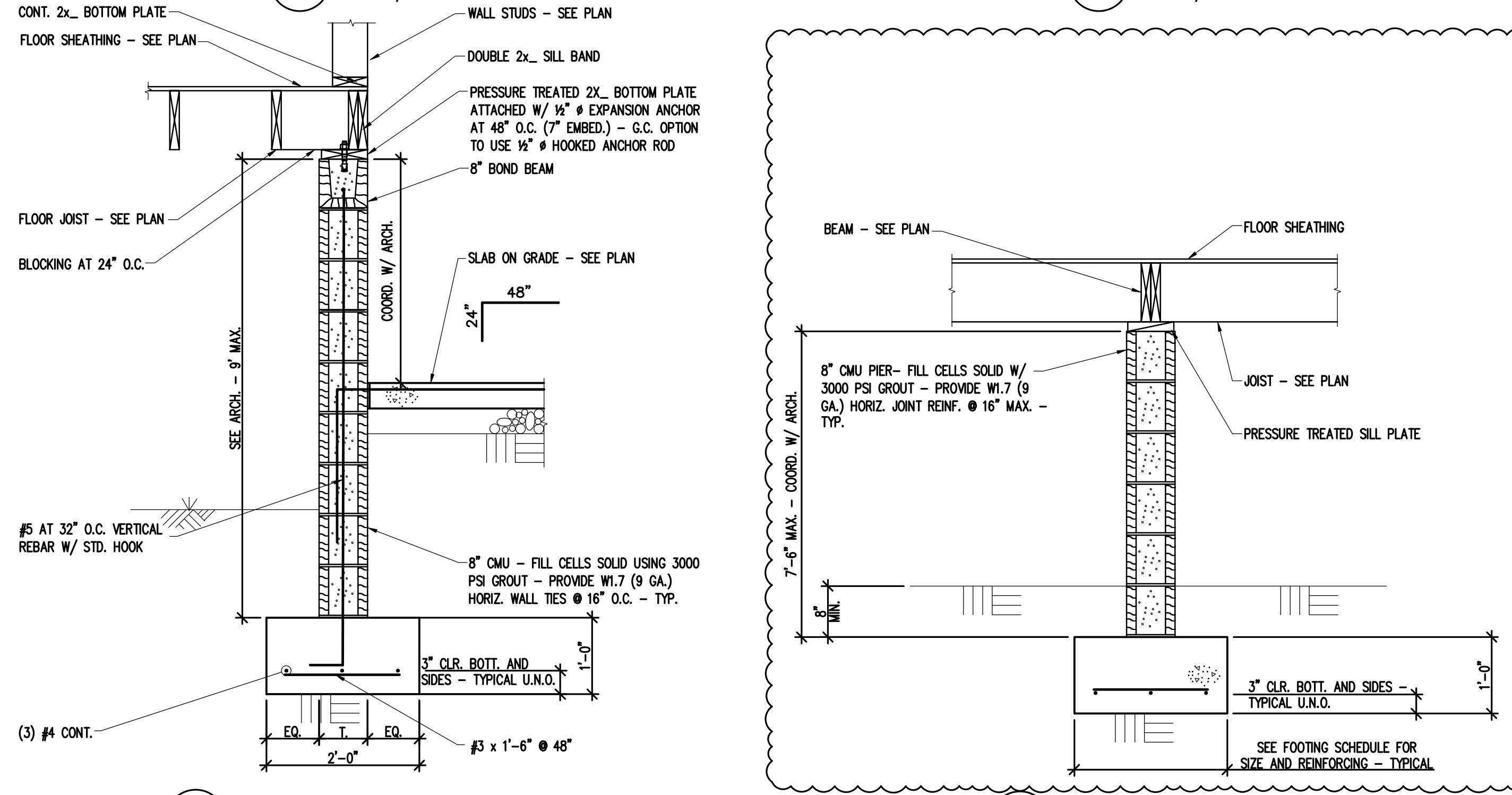
10 SECTION AT INTERIOR WALL

11 TYPICAL FOOTING STEP DETAIL

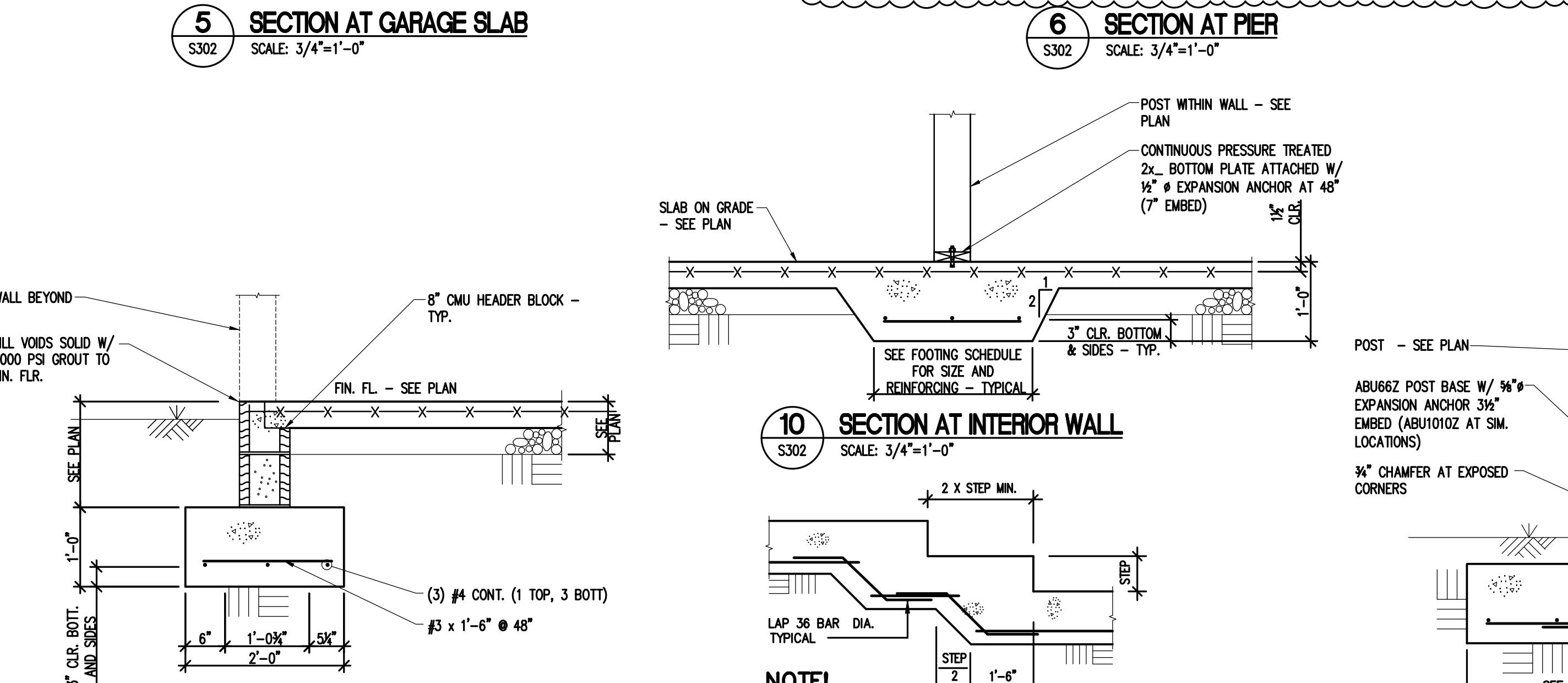
9 SECTION GARAGE-SLAB



3 SECTION AT EXTERIOR POST



4 SECTION AT EXTERIOR WALL FOOTING

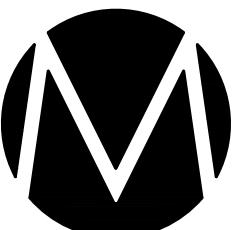


12 SECTION AT EXTERIOR POST FOOTING

13 SECTION AT EXTERIOR POST FOOTING

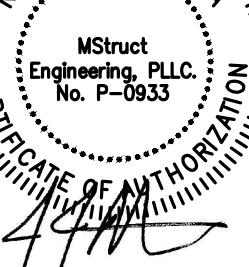
8 SECTION AT INTERIOR COLUMN FOOTING

S302

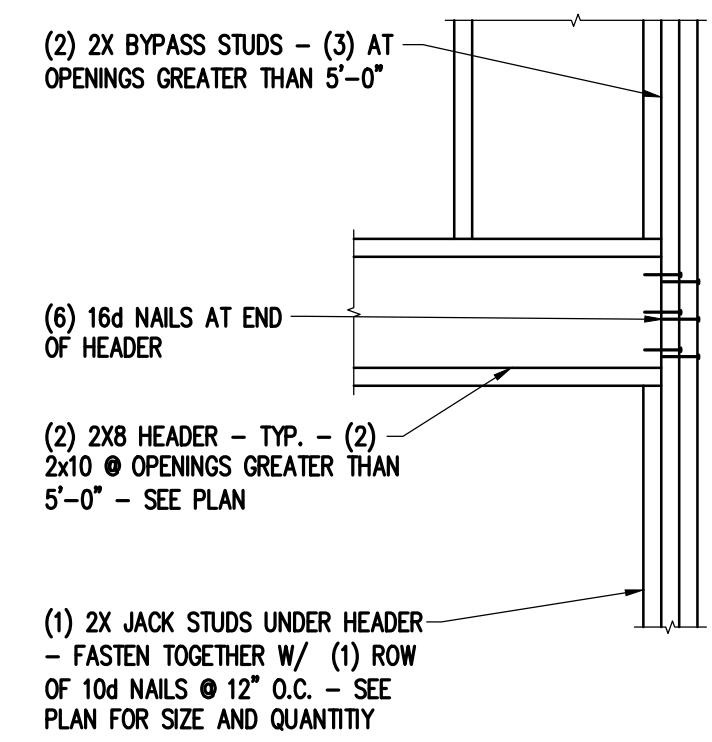


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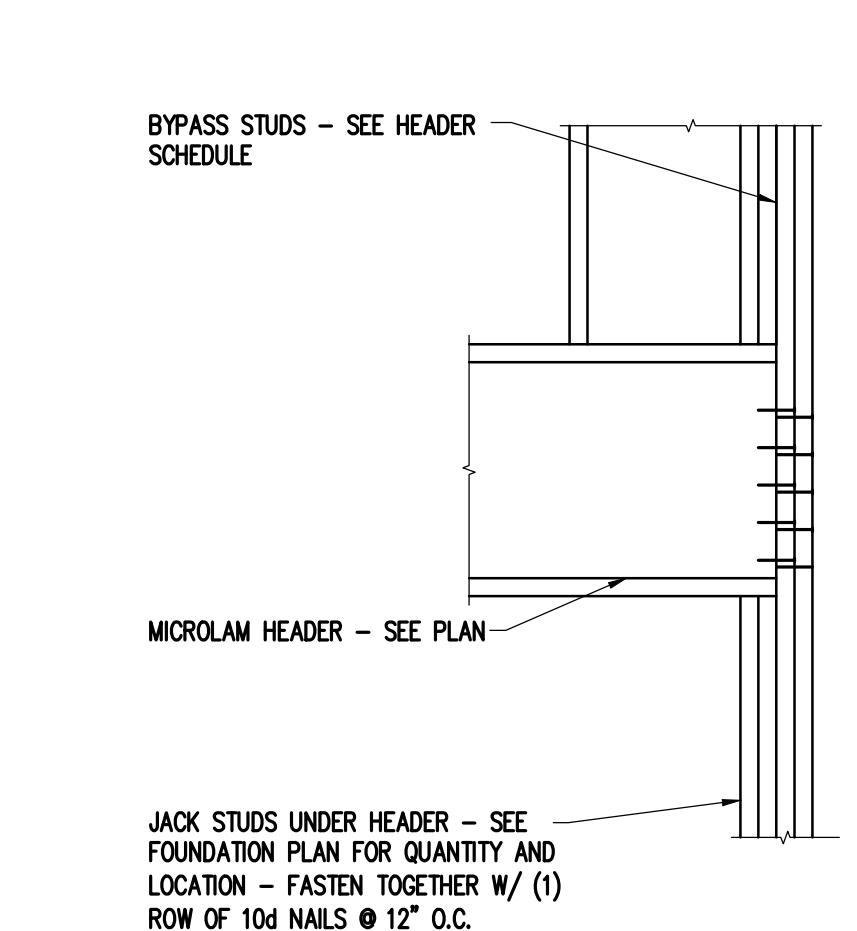
SEALS



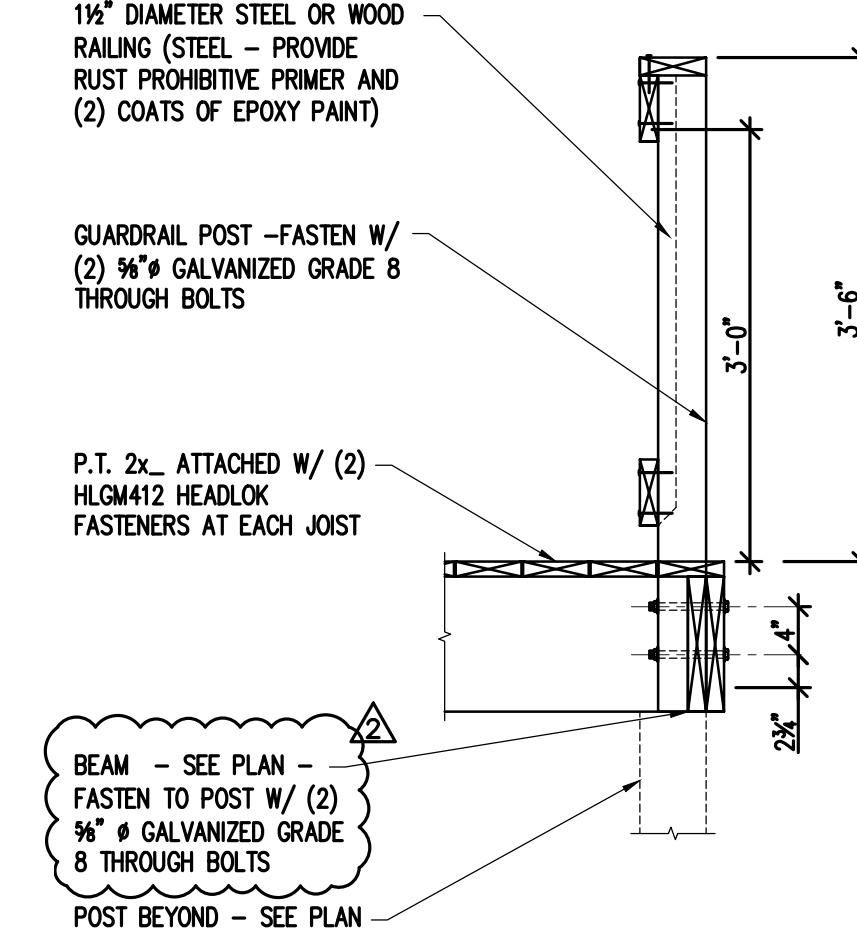
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Matthews, NC



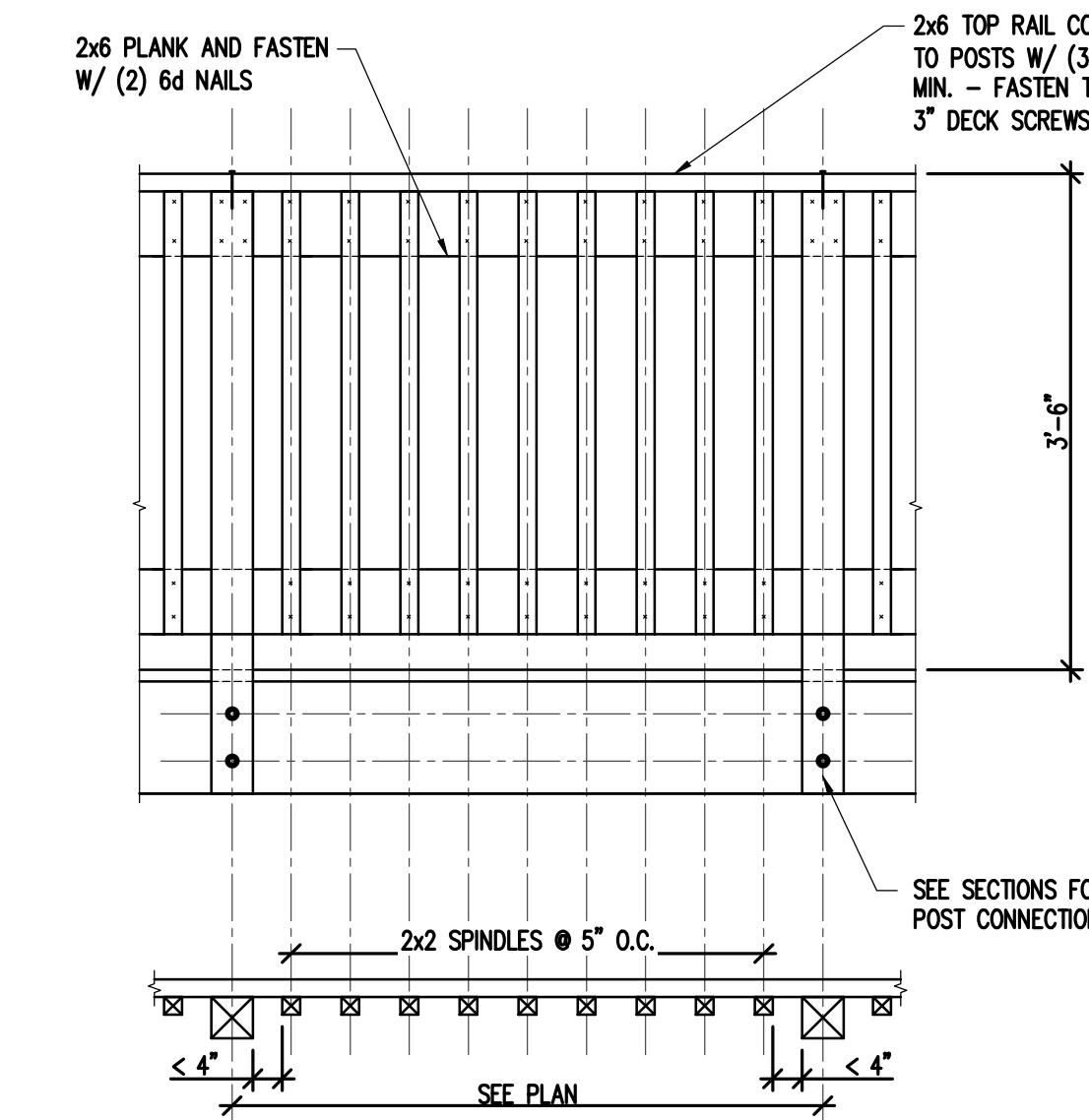
1 2X BOXED HEADER BEARING
S401 SCALE: 3/4"=1'-0"



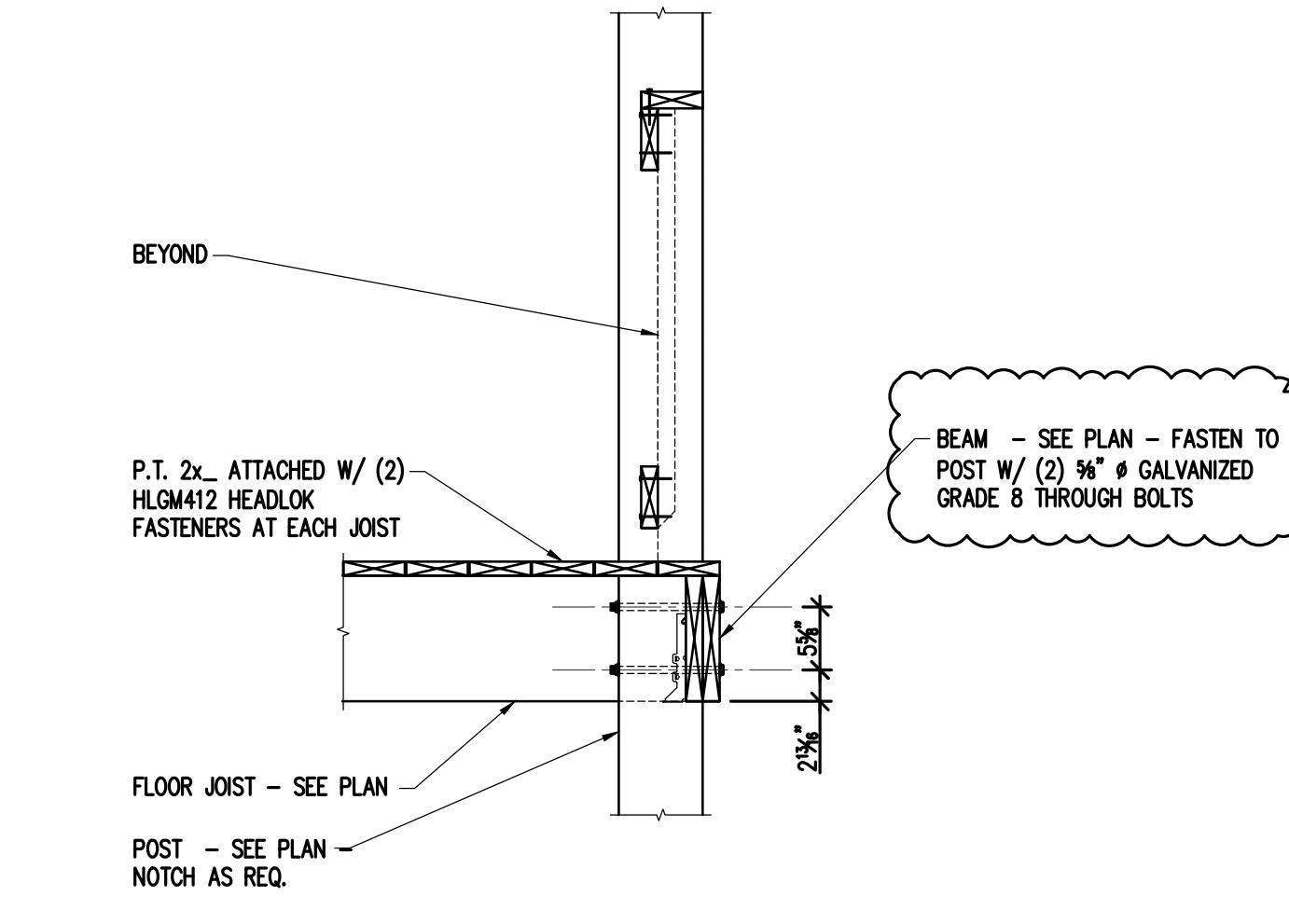
2 MICROLAM HEADER BEARING
S401 SCALE: 3/4"=1'-0"



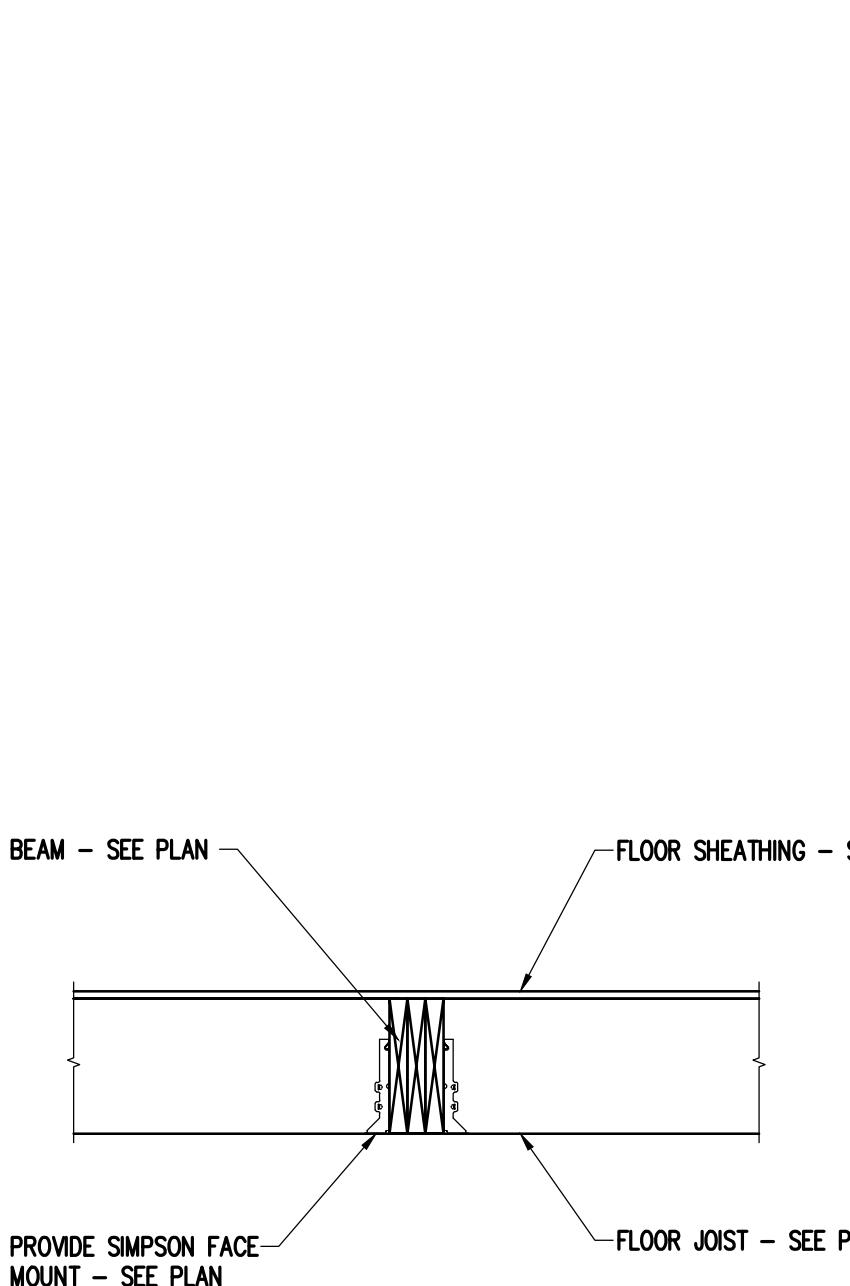
3 SECTION AT HAND/GUARD RAIL
S401 SCALE: 3/4"=1'-0"



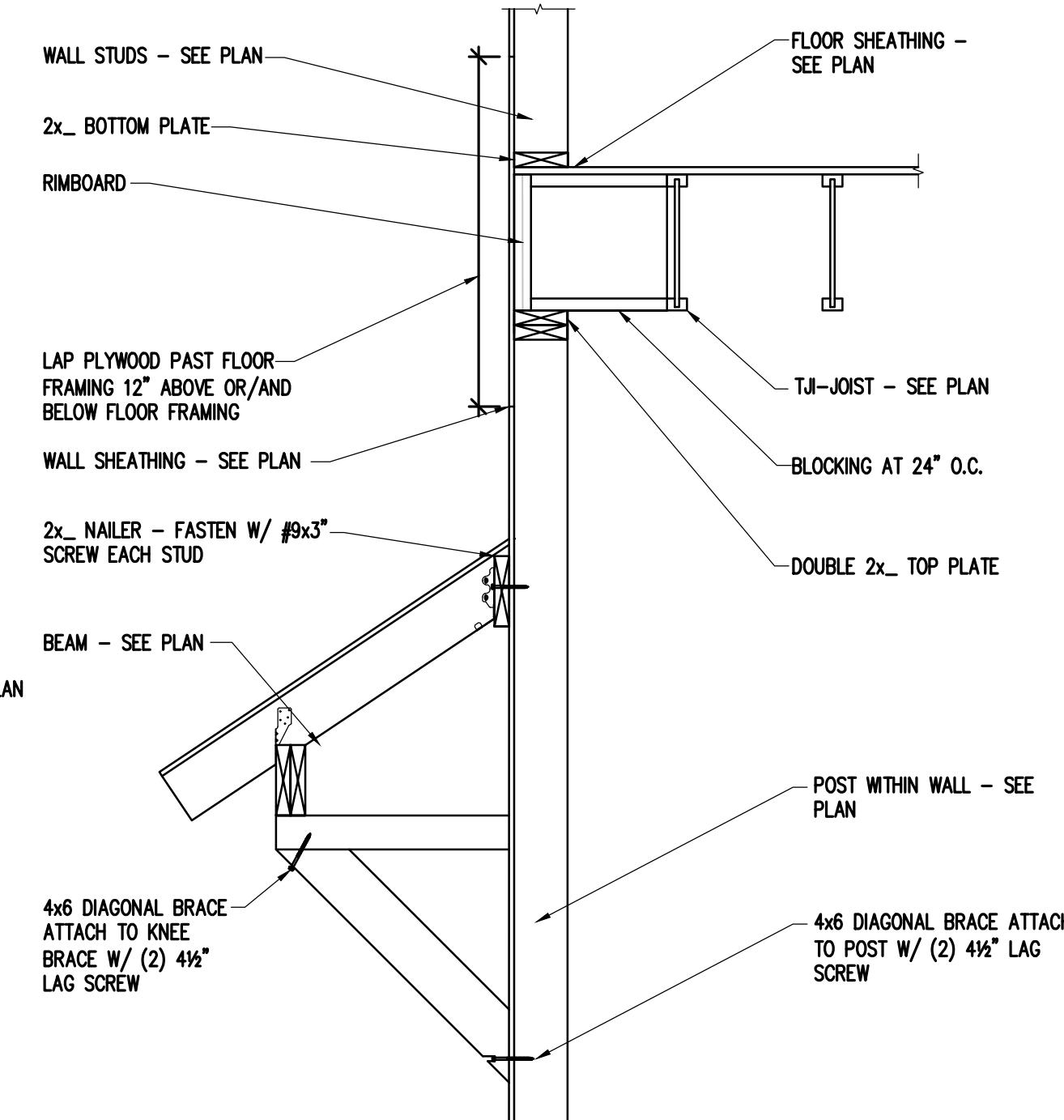
4 TYPICAL RAIL DETAIL
S401 SCALE: 3/4"=1'-0"



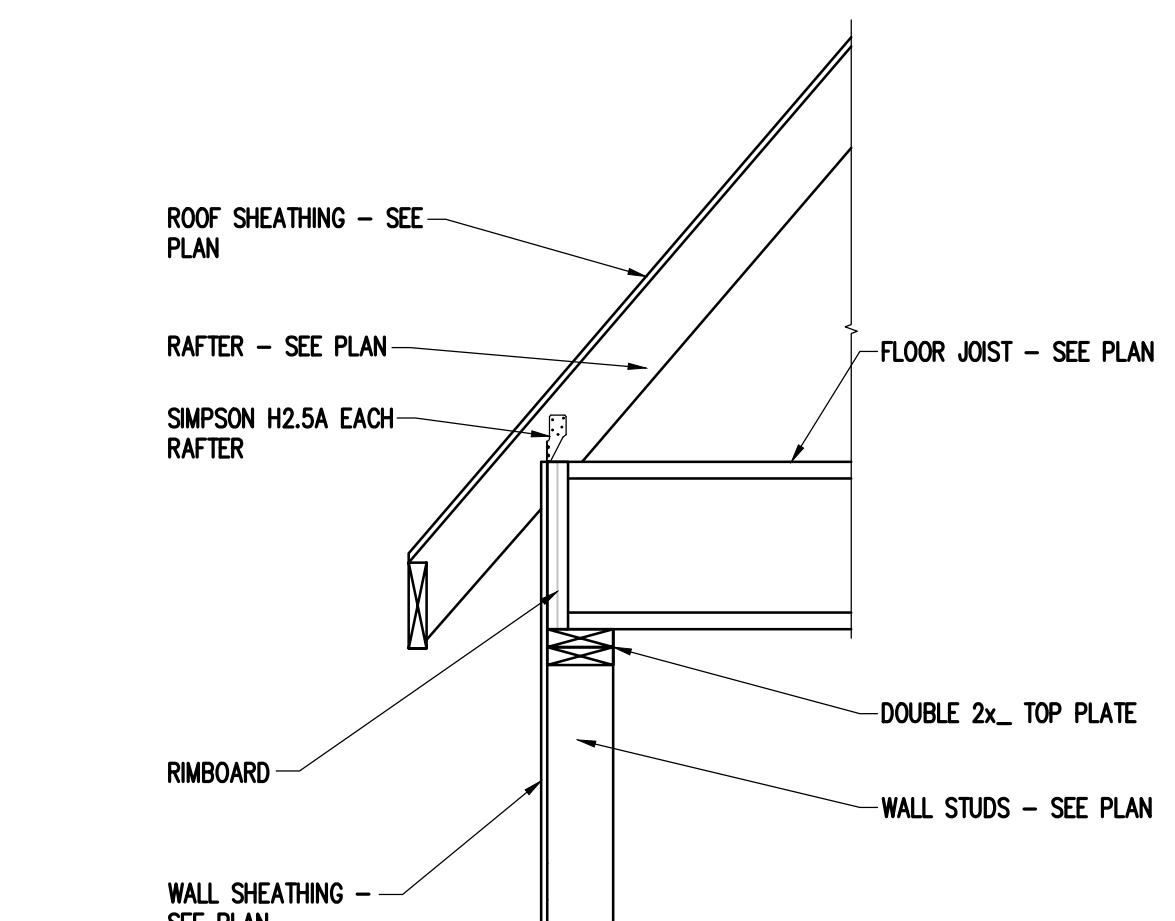
5 SECTION AT POST
S401 SCALE: 3/4"=1'-0"



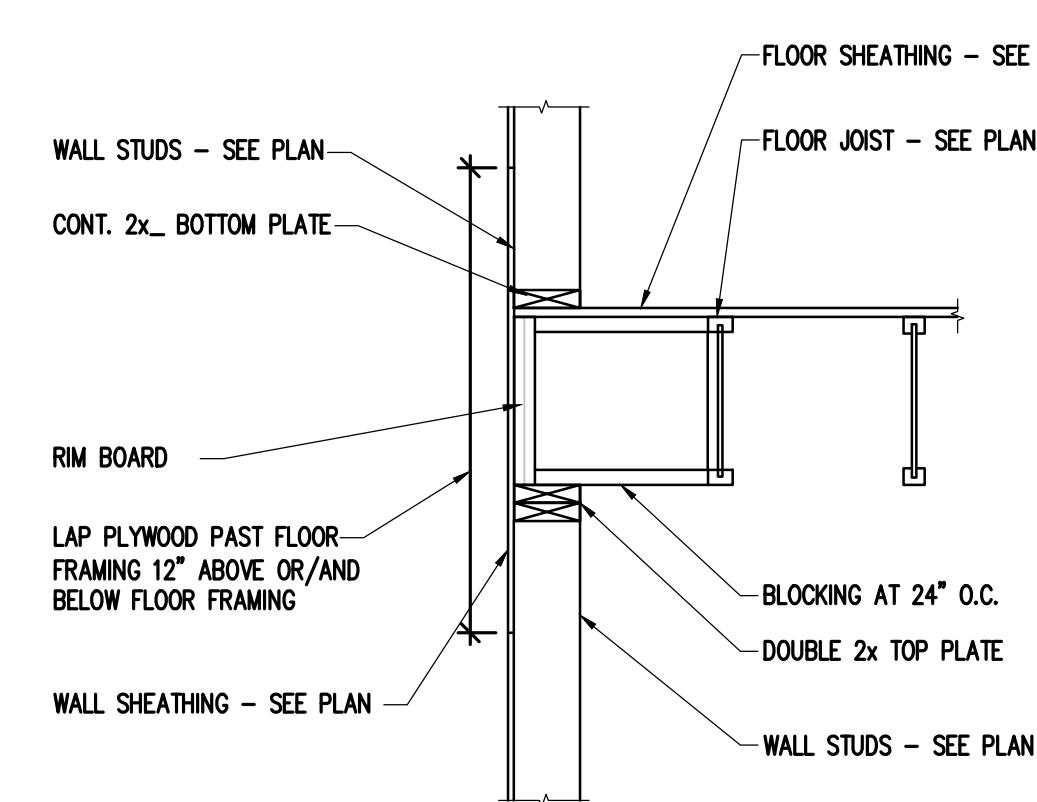
6 SECTION AT BEAM
S401 SCALE: 3/4"=1'-0"



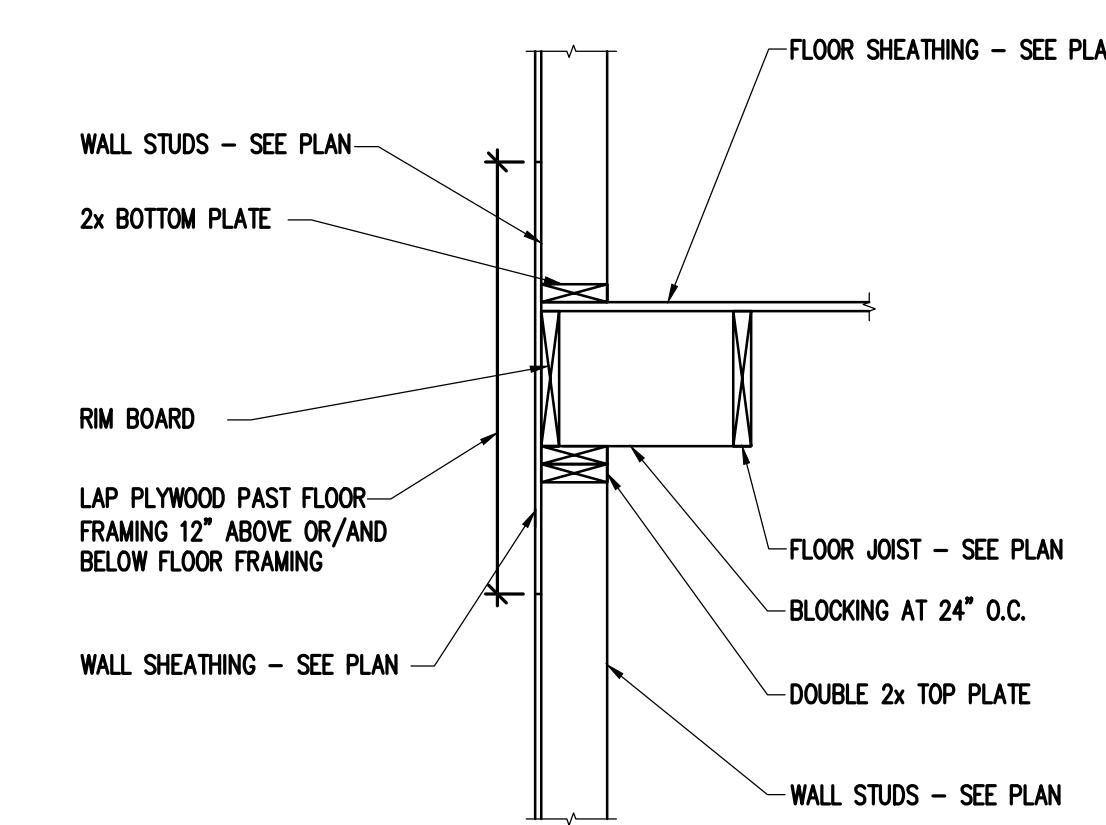
7 SECTION AT EXTERIOR WALL
S401 SCALE: 3/4"=1'-0"



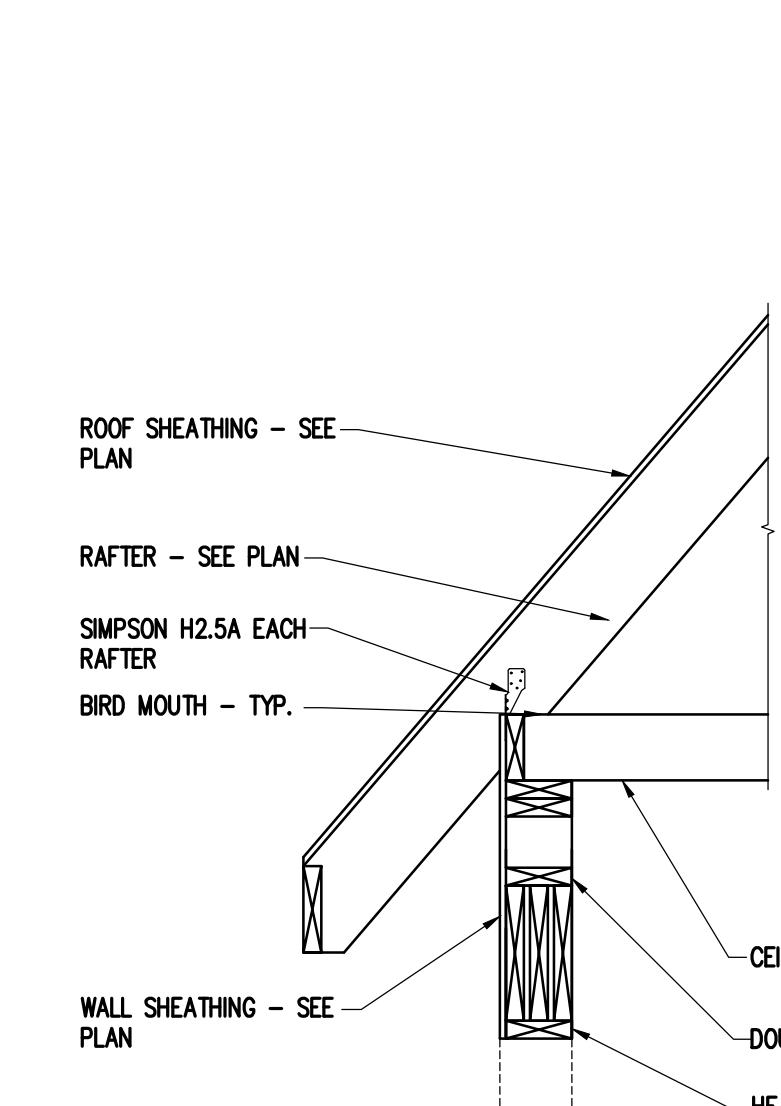
8 SECTION AT EXTERIOR WALL
S401 SCALE: 3/4"=1'-0"



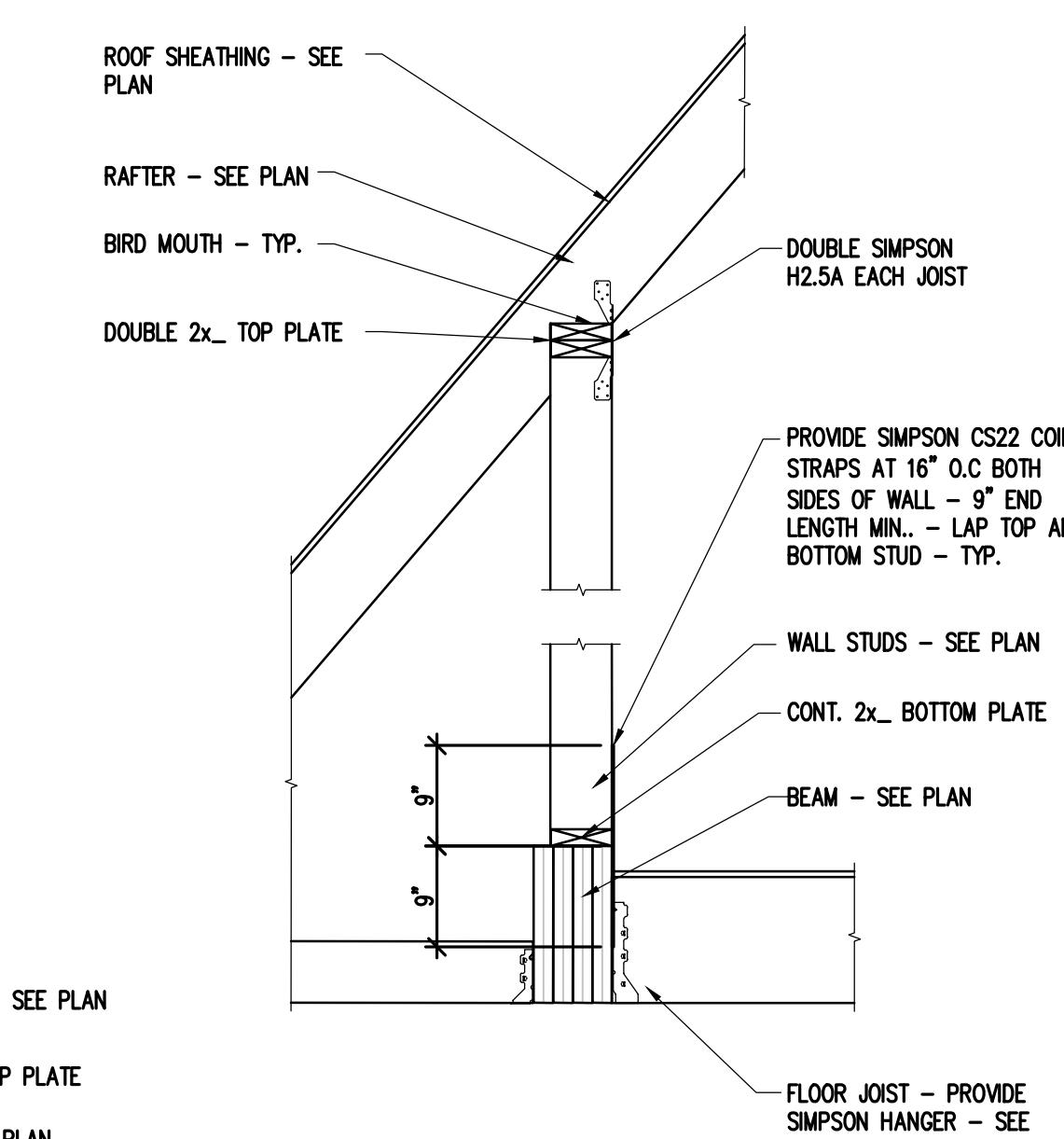
9 SECTION AT EXTERIOR WALL
S401 SCALE: 3/4"=1'-0"



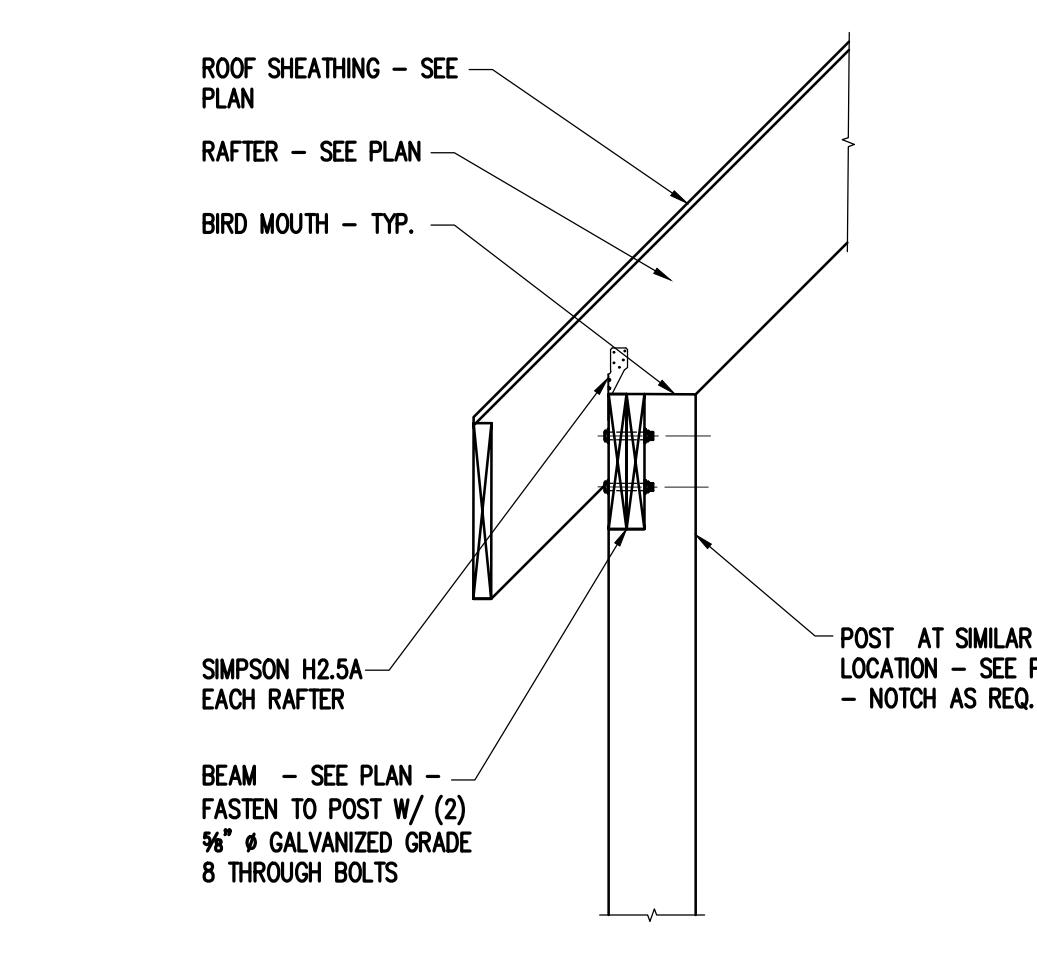
10 SECTION AT EXTERIOR WALL
S401 SCALE: 3/4"=1'-0"



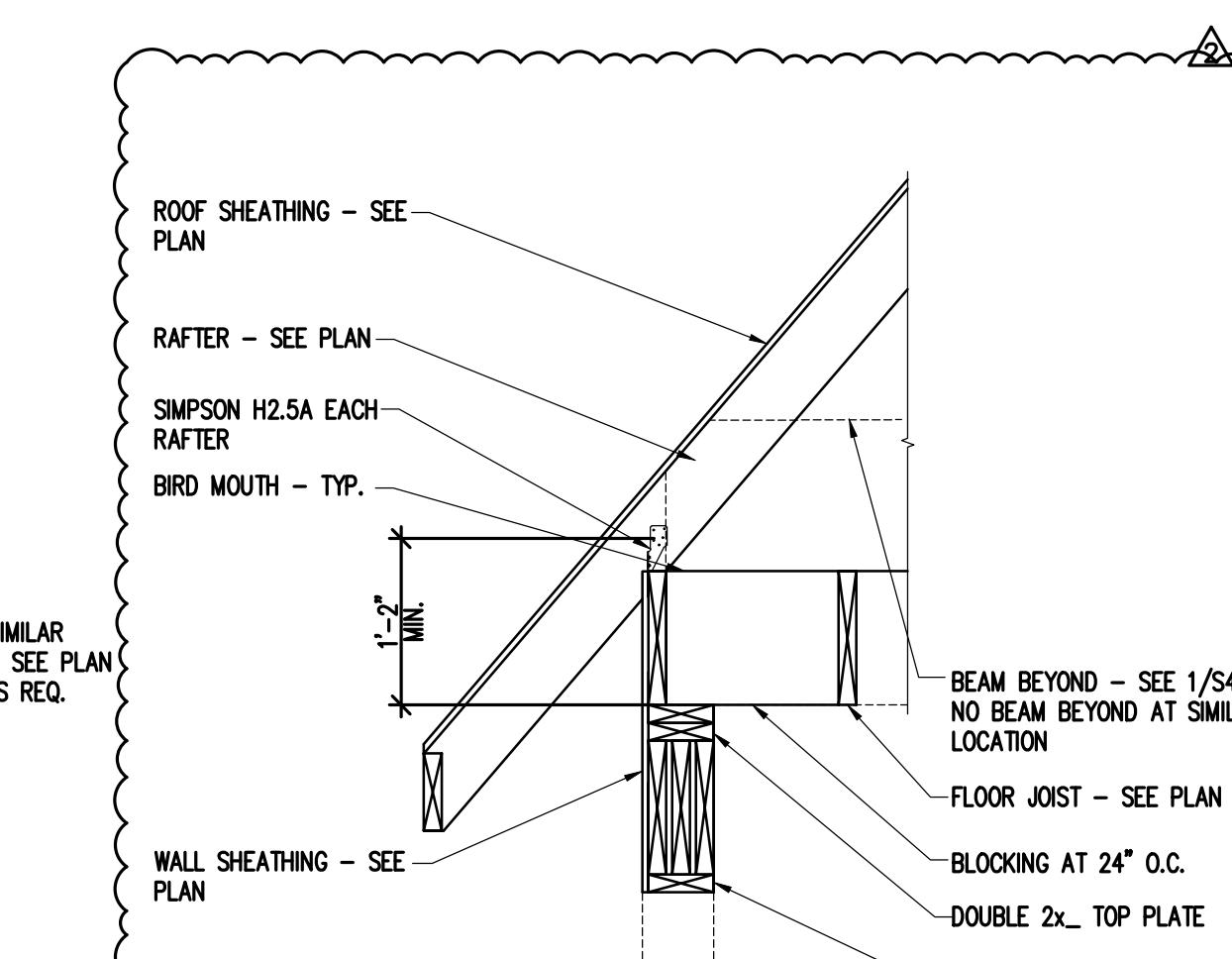
11 SECTION AT RAFTER BEARING
S401 SCALE: 3/4"=1'-0"



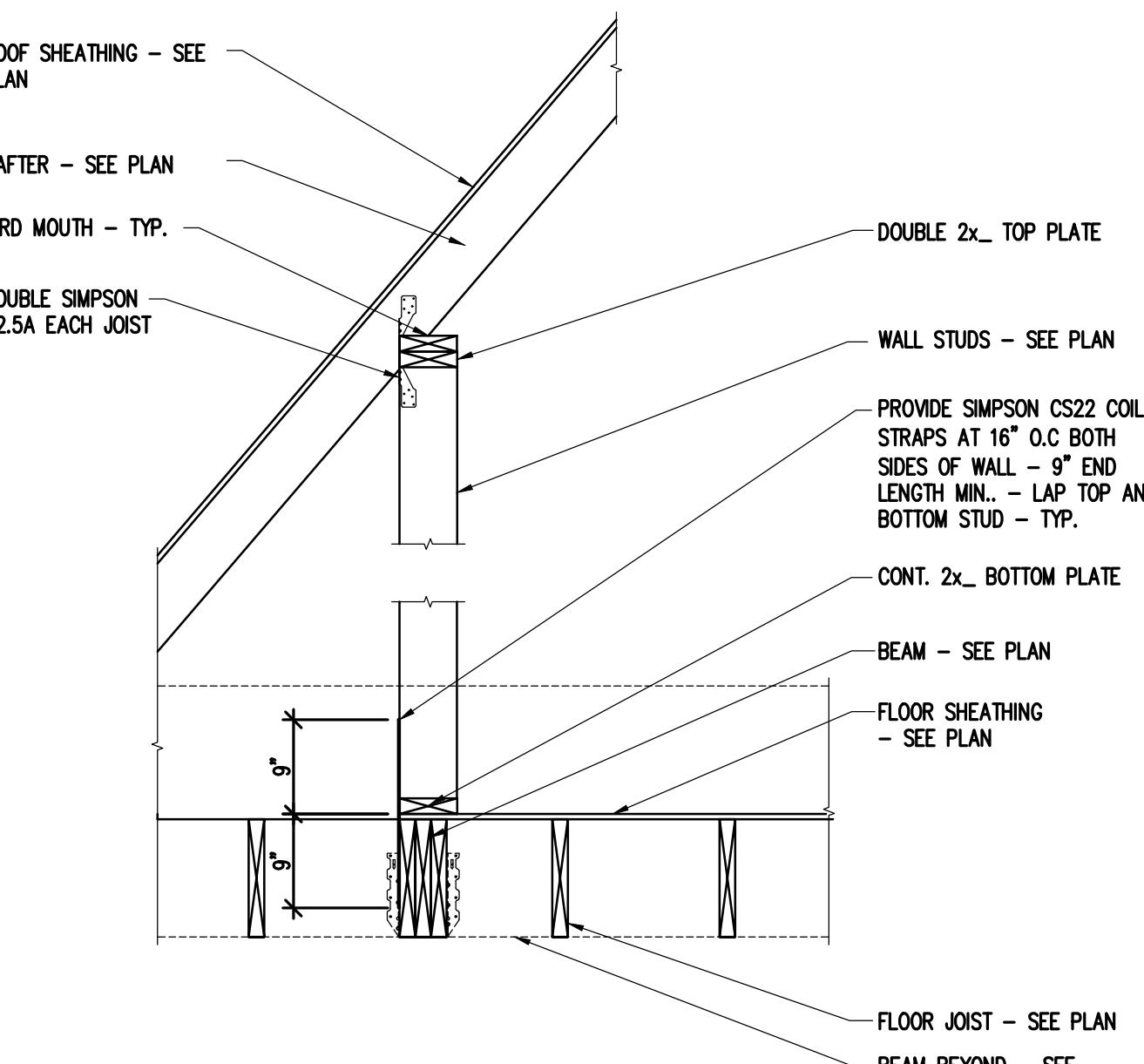
12 SECTION AT BEAM
S401 SCALE: 3/4"=1'-0"



13 SECTION AT TRUSS BEARING
S401 SCALE: 3/4"=1'-0"



14 SECTION AT RAFTER BEARING
S401 SCALE: 3/4"=1'-0"



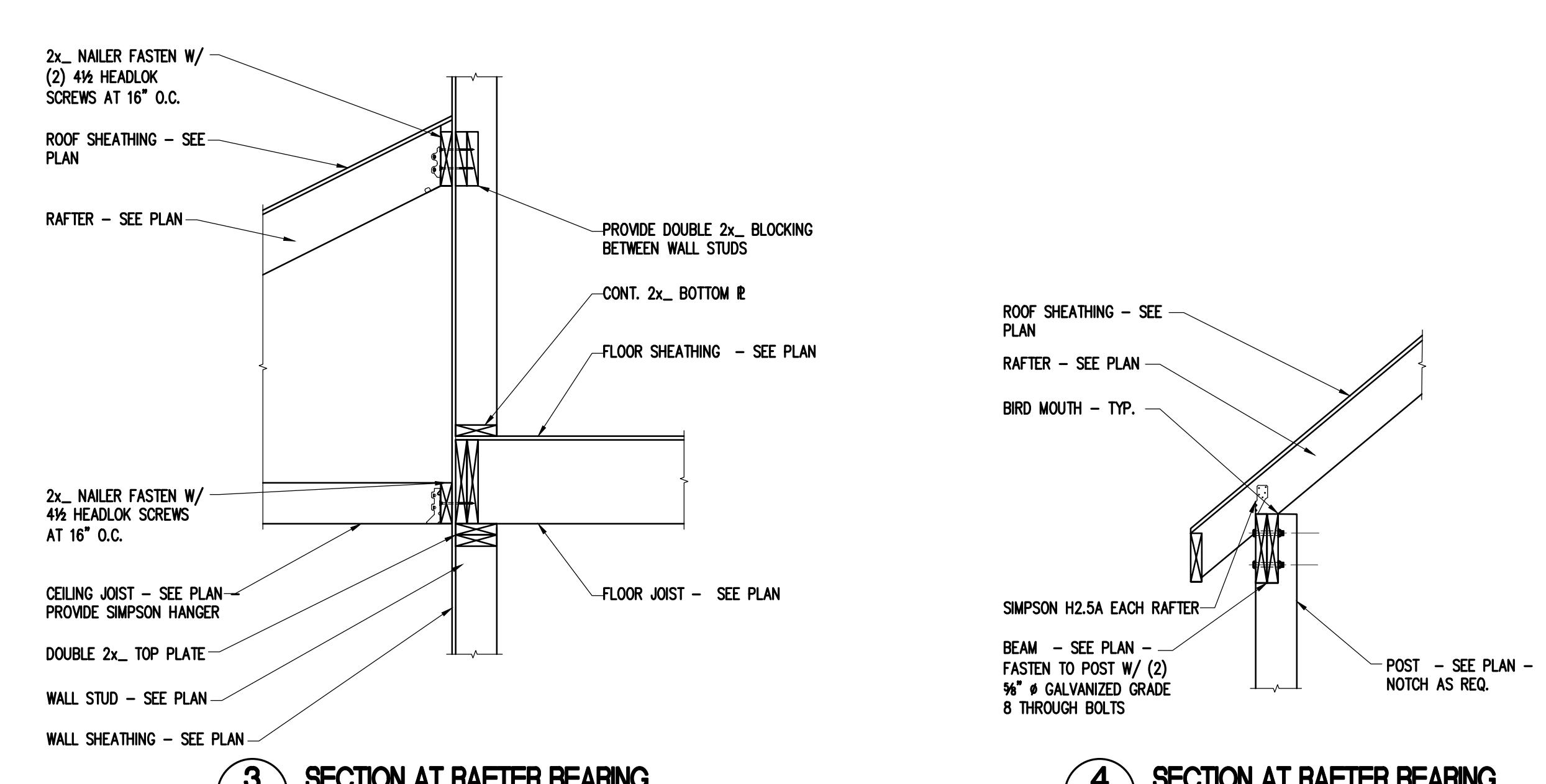
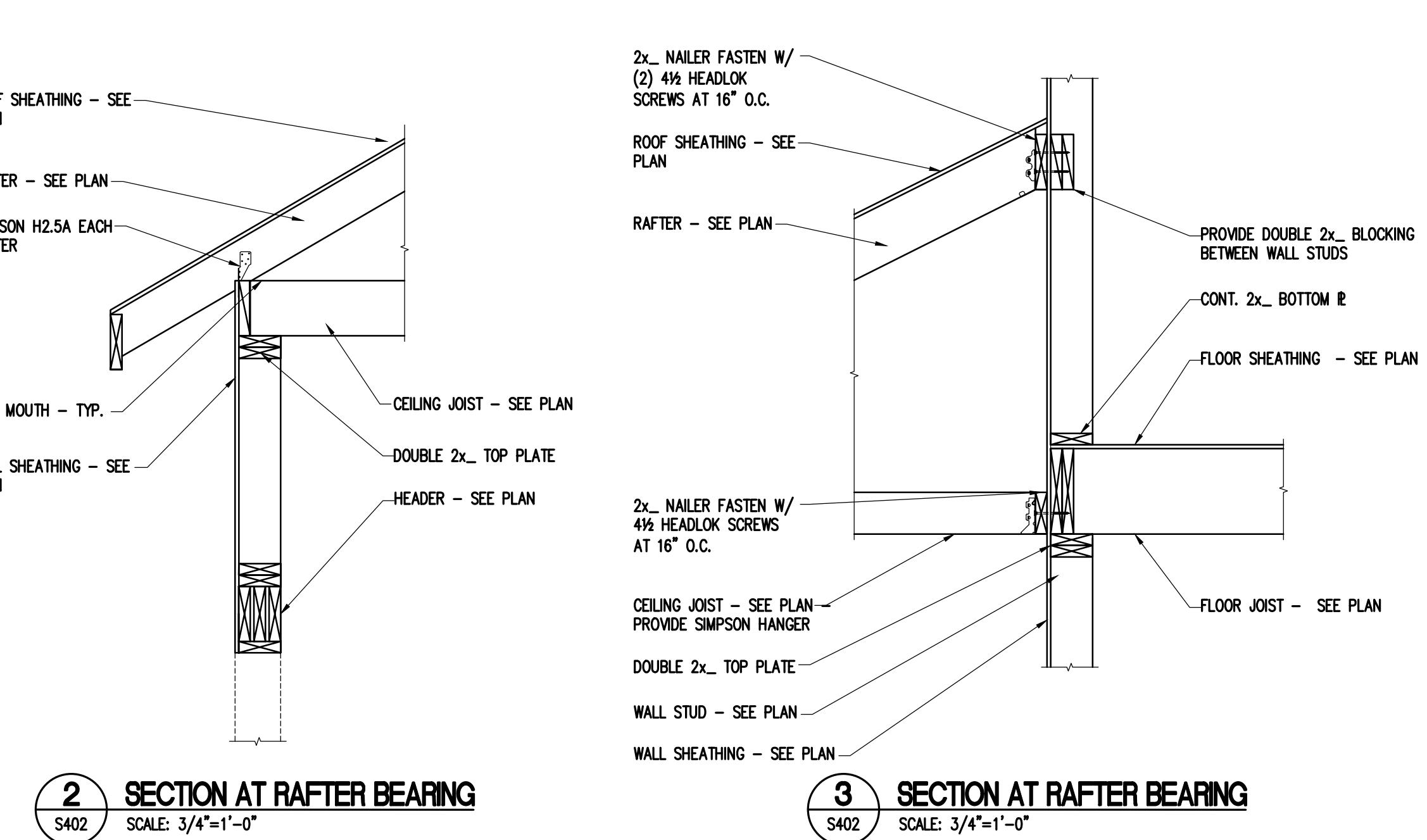
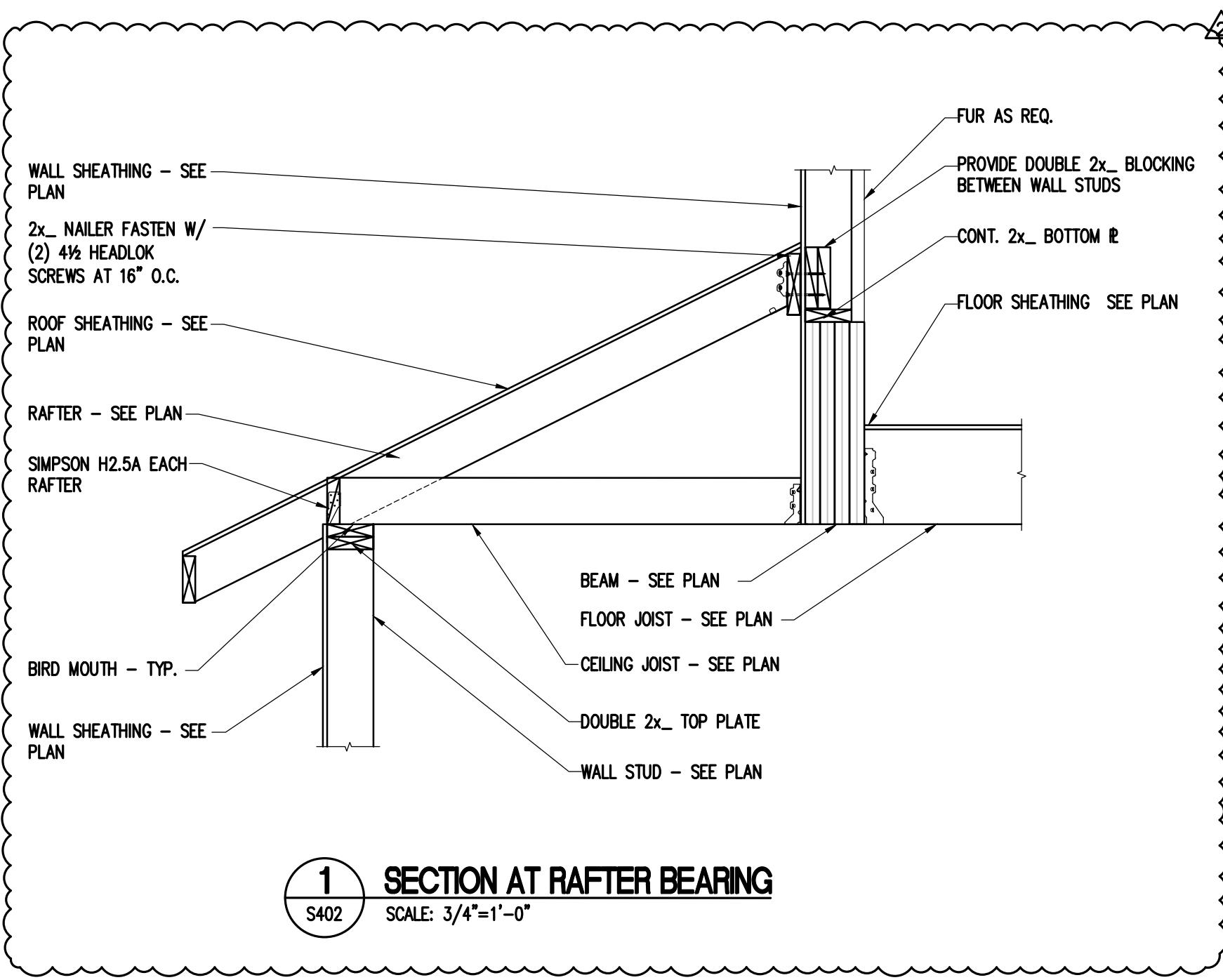
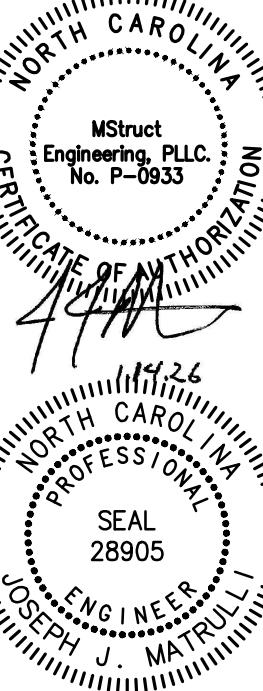
15 SECTION AT BEAM
S401 SCALE: 3/4"=1'-0"

NUMBER	23-25
DATE	1-1426
DESIGN UPDATE	
PROJECT #	23-25
PROJECT ENGINEER:	JJM
DRAWN BY:	WG
ISSUE DATE:	082025
CAD FILE:	MA25.JOB0523-25-23-25-B401.DWG
SHEET TITLE:	FRAMING DETAILS

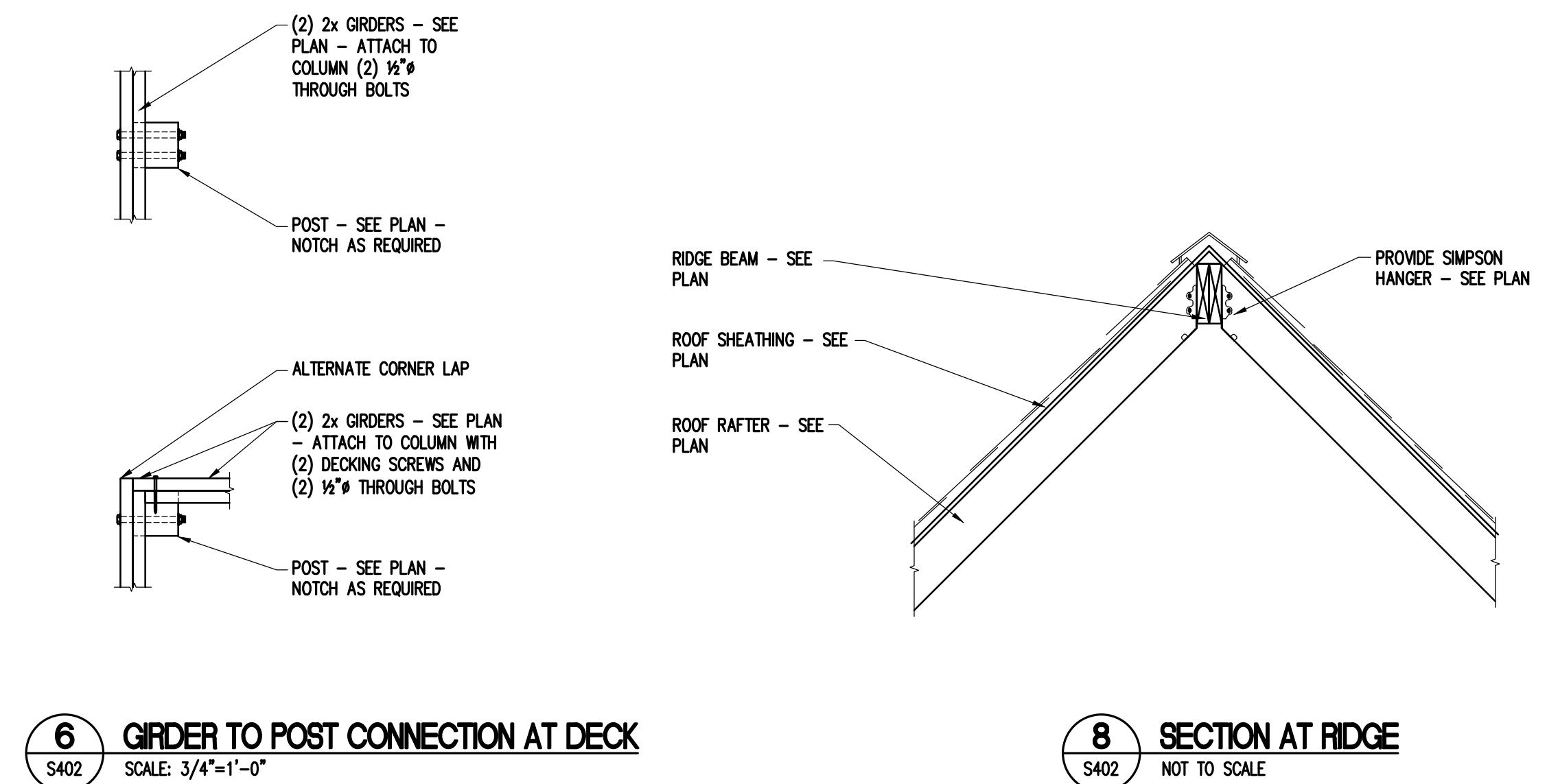
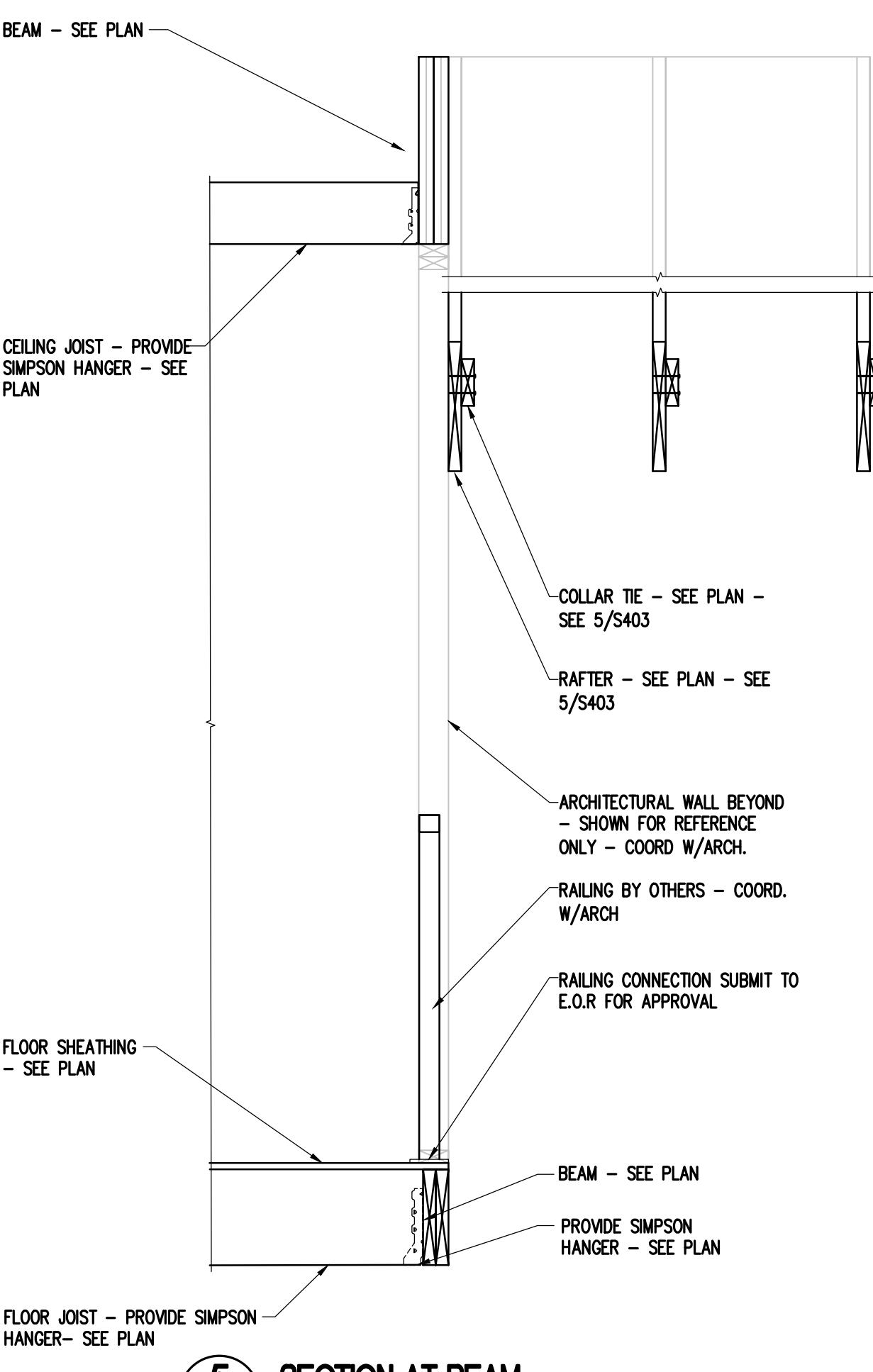


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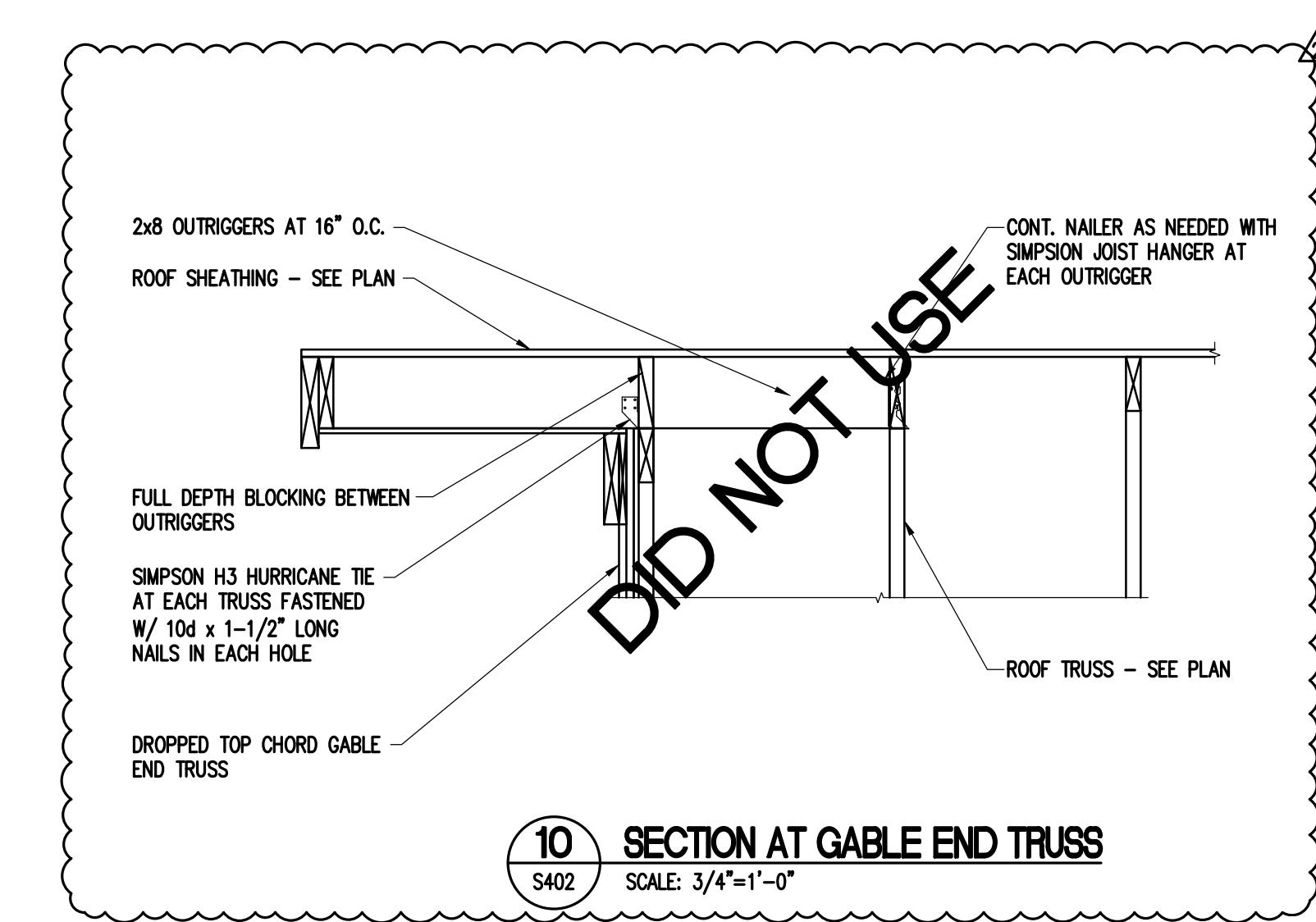
SEALS



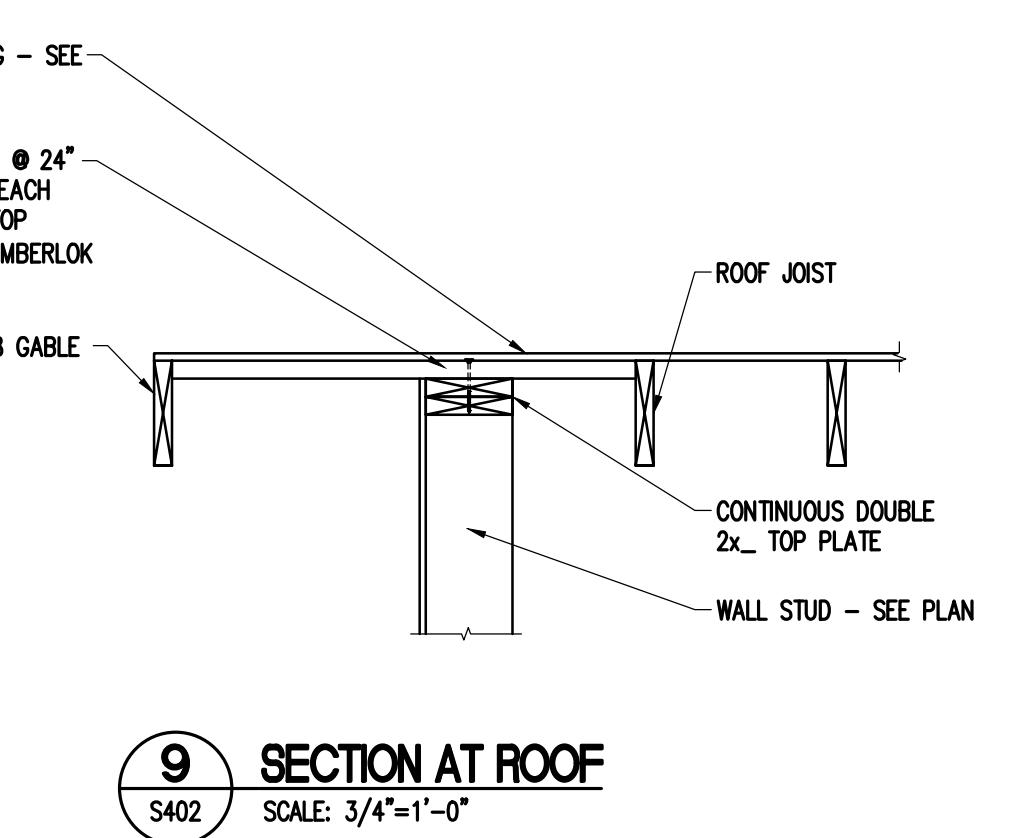
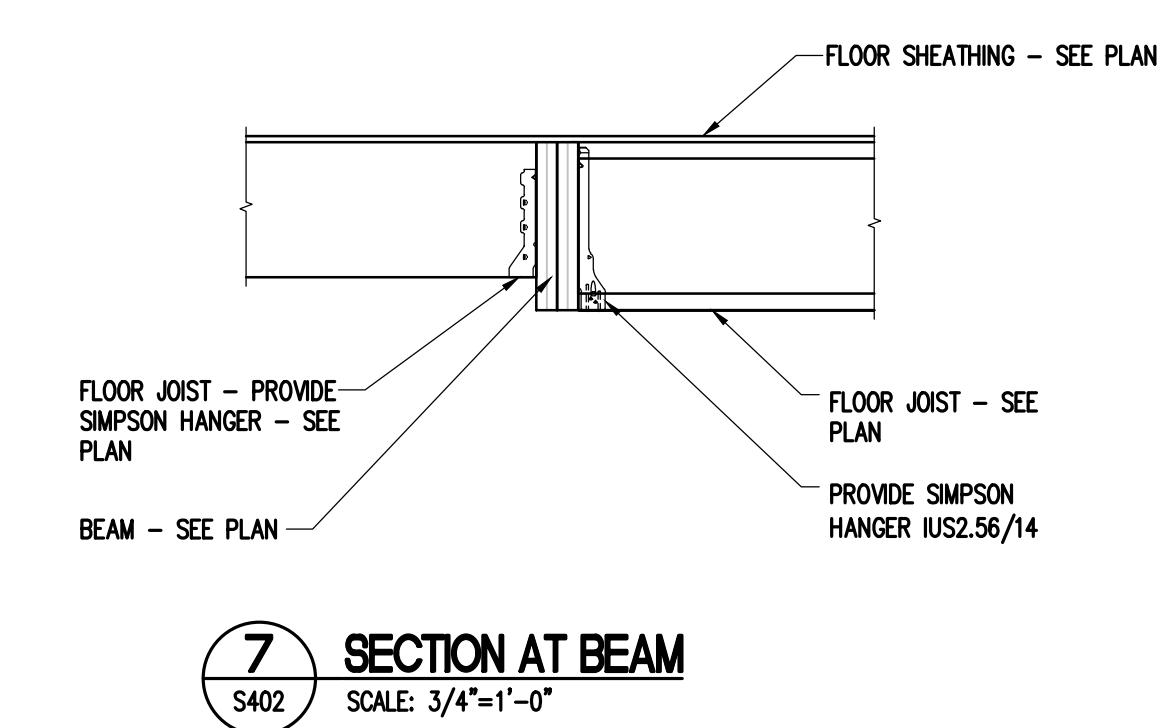
4 SECTION AT RAFTER BEARING
S402 SCALE: 3/4"=1'-0"



8 SECTION AT RIDGE
S402 NOT TO SCALE



10 SECTION AT GABLE END TRUSS
S402 SCALE: 3/4"=1'-0"



11 SECTION AT ROOF
S402 SCALE: 3/4"=1'-0"

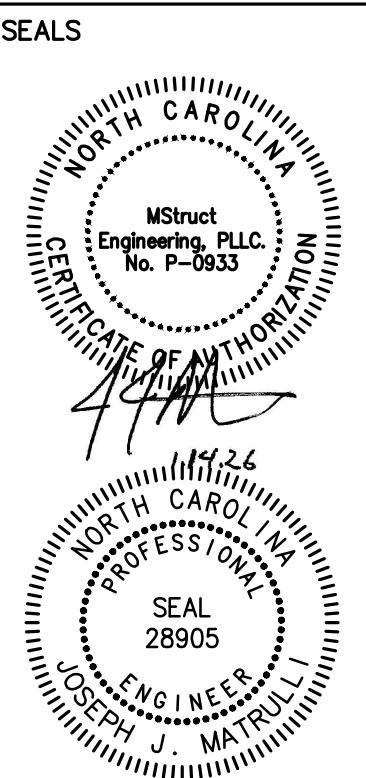
Gustavo and Maria Hernandez House
296 Gatewood LN
Matthews, NC

NUMBER	DESIGN	DATE
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2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

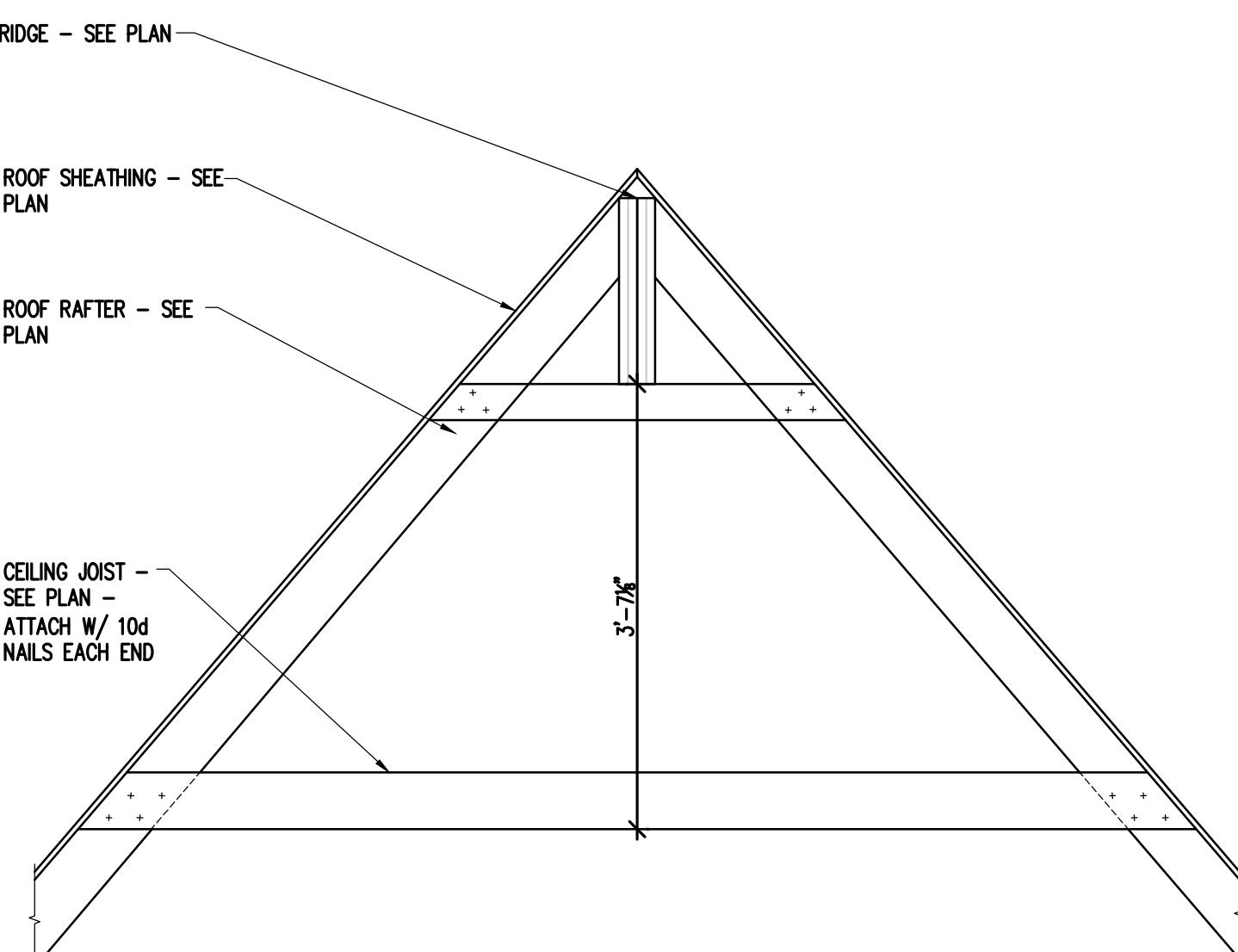
PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 08/20/2025
CAD FILE: MA25-JOB#123-25-23-25-S402.DWG
SHEET TITLE: FRAMING DETAILS



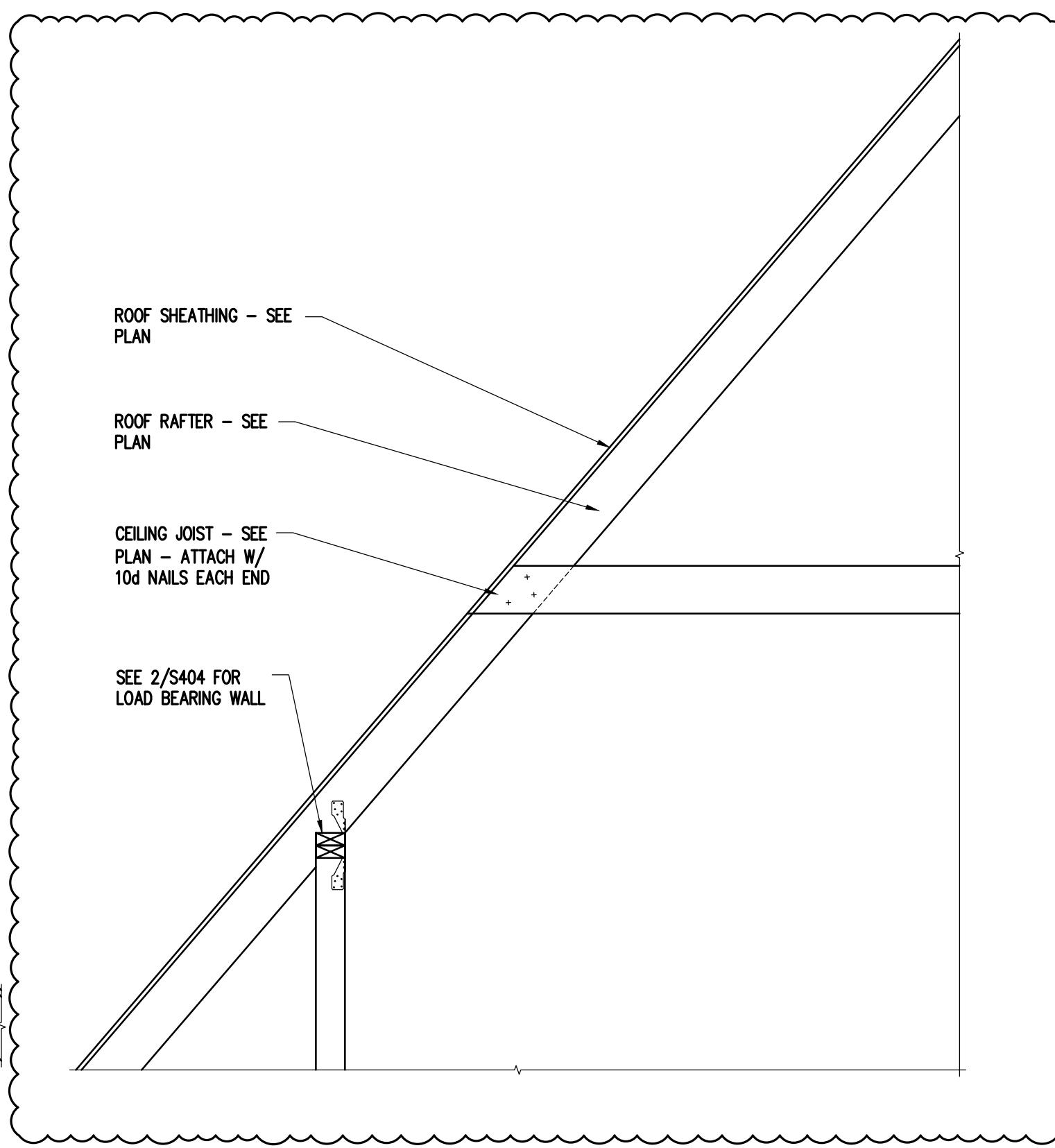
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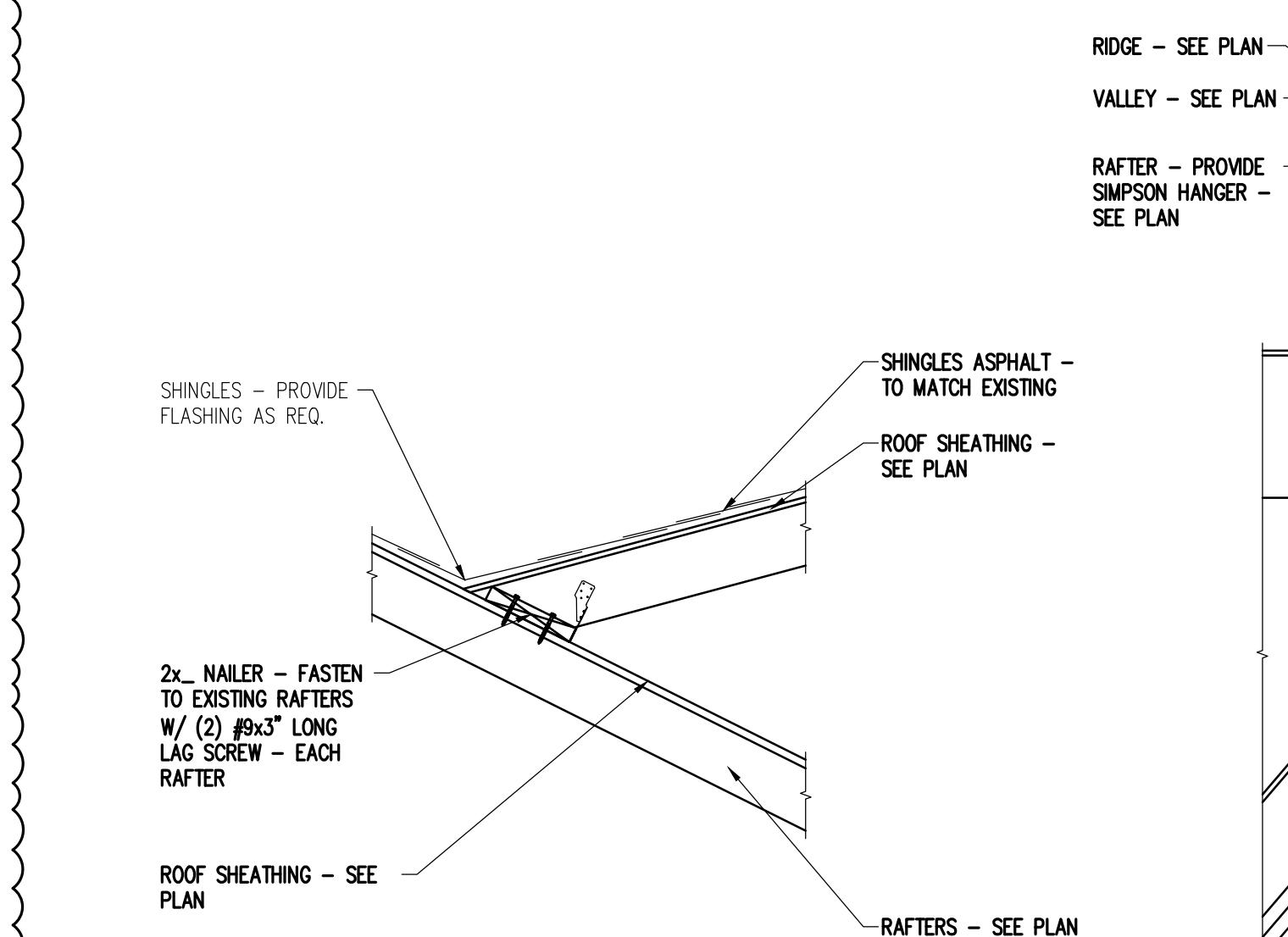
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Matthews, NC



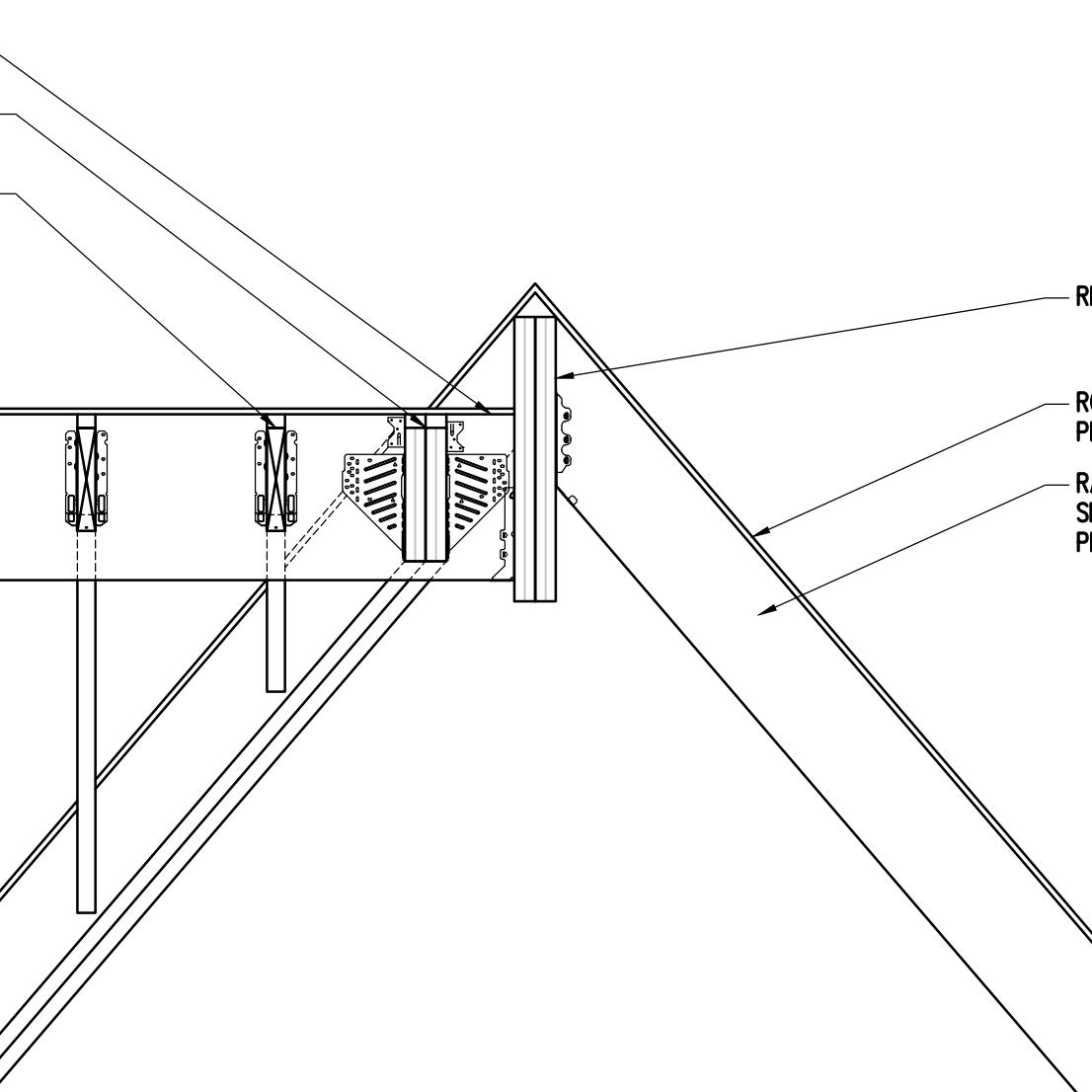
1 SECTION AT ROOF
S403 SCALE: 3/4"=1'-0"



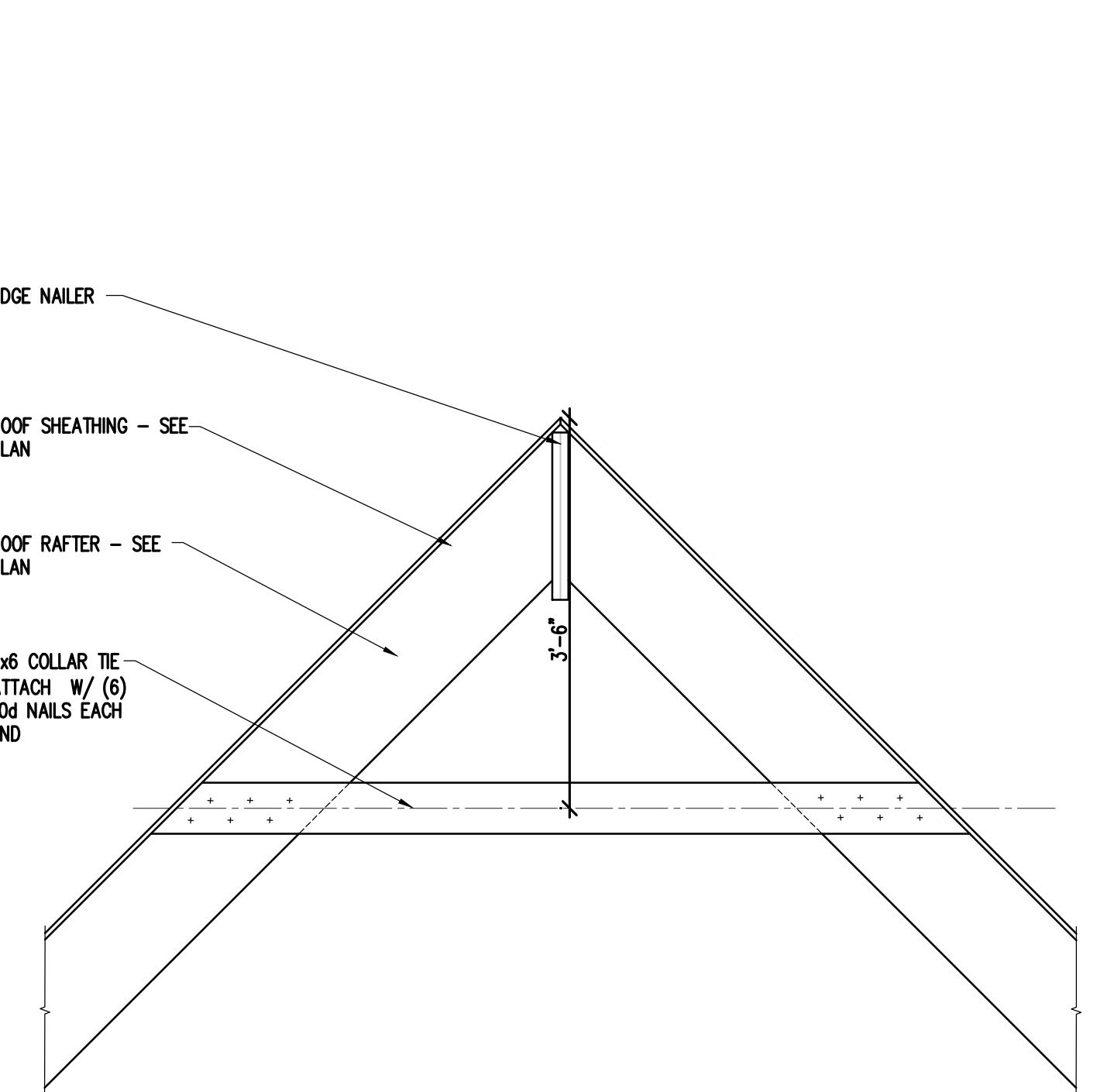
2 SECTION AT ROOF
S403 SCALE: 3/4"=1'-0"



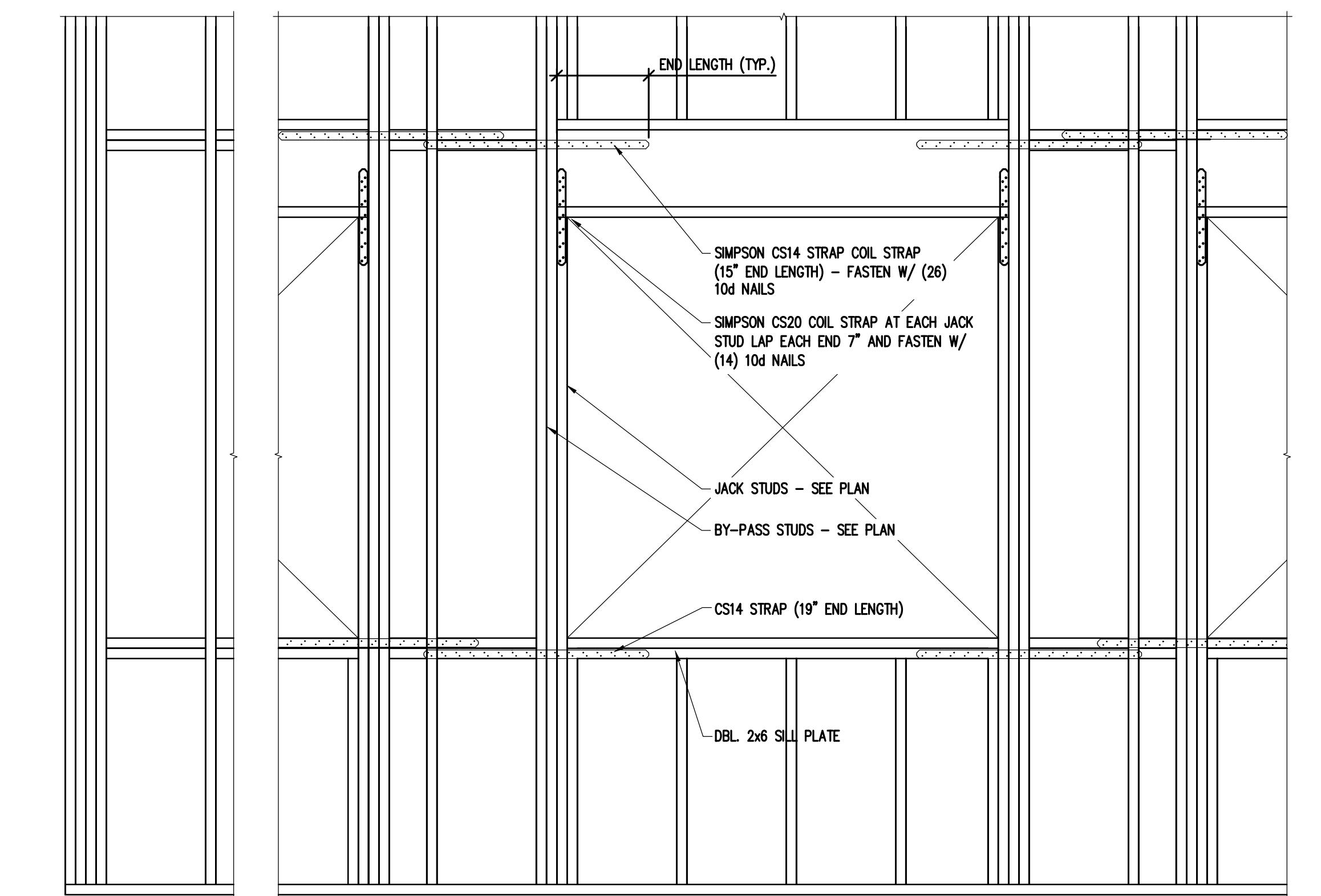
3 SECTION AT OVERBUILT
S403 SCALE: 3/4"=1'-0"



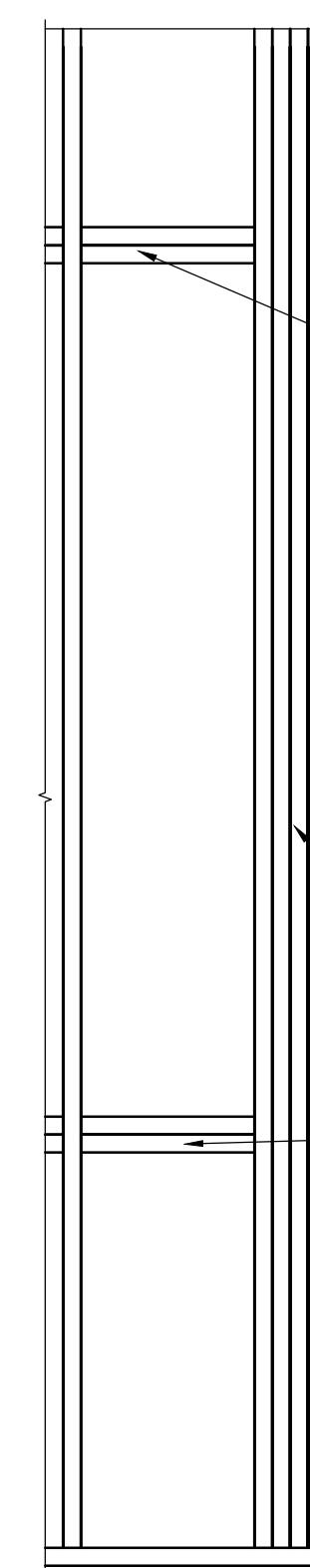
4 SECTION AT RIDGE
S403 SCALE: 3/4"=1'-0"



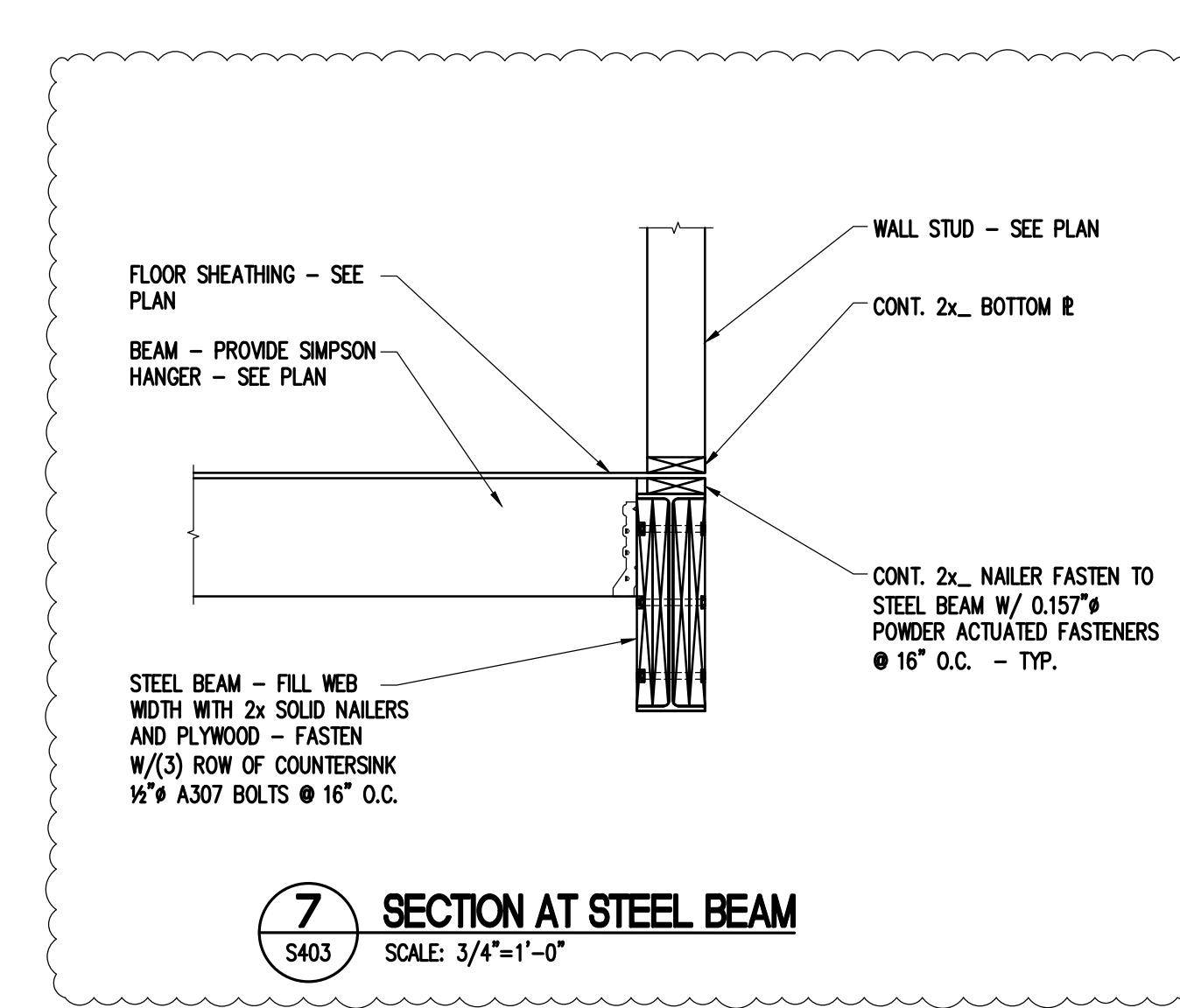
5 SECTION AT ROOF
S403 SCALE: 3/4"=1'-0"



6 TYPICAL PERFORATED SHEAR WALL ELEVATION
S403 SCALE: 3/4"=1'-0"



7 SECTION AT STEEL BEAM
S403 SCALE: 3/4"=1'-0"



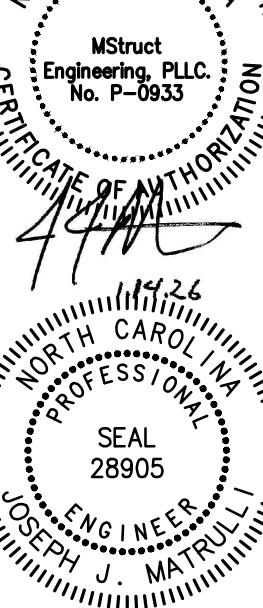
NUMBER	DATE	DESIGN UPDATE
1	1-14-25	
2		

PROJECT # 23-25
PROJECT ENGINEER: JJM
DRAWN BY: WG
ISSUE DATE: 062025
CAD FILE: M25-JOB#23-25-23-25-S403.DWG
SHEET TITLE: FRAMING DETAILS

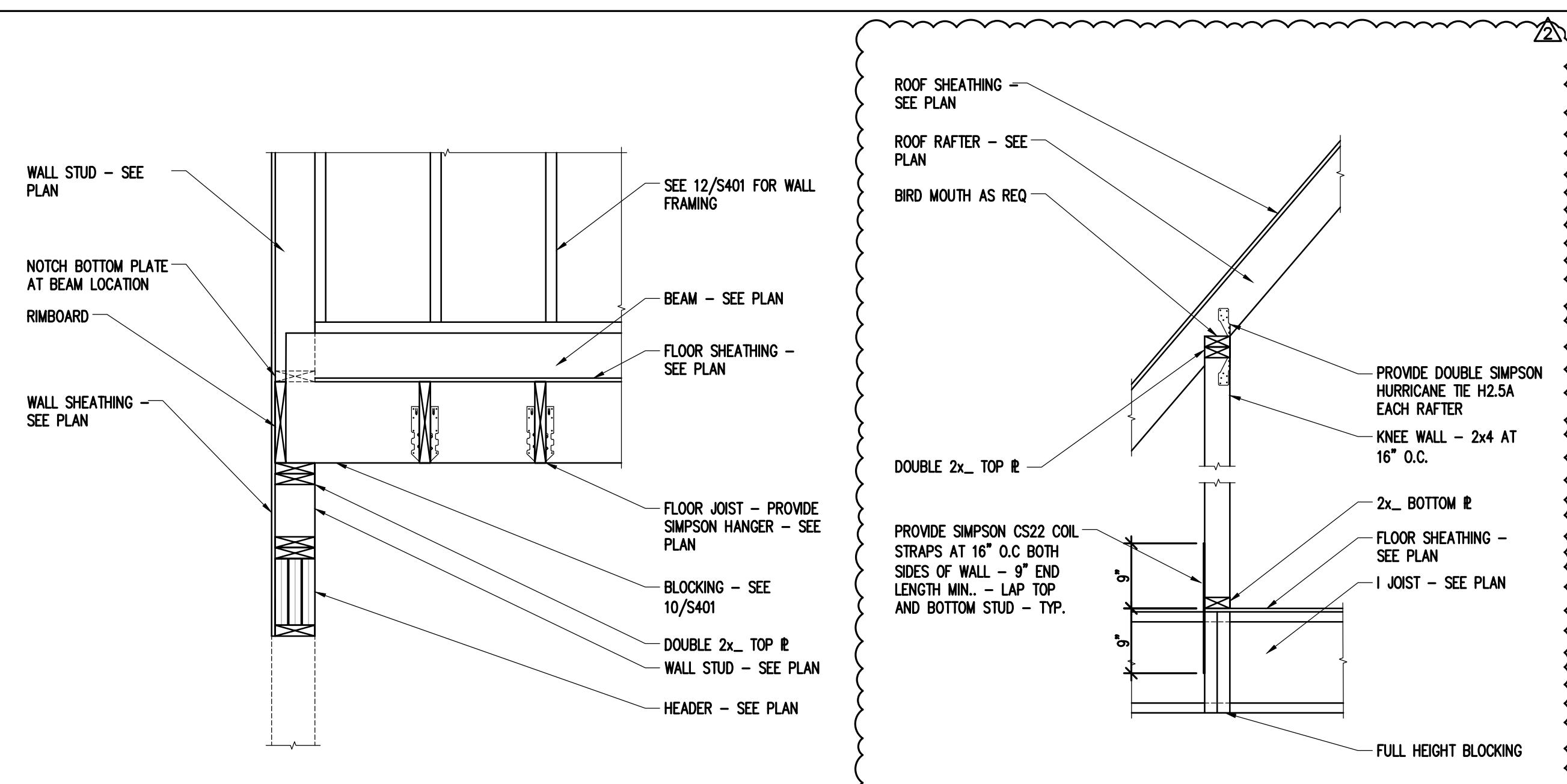


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SEALS

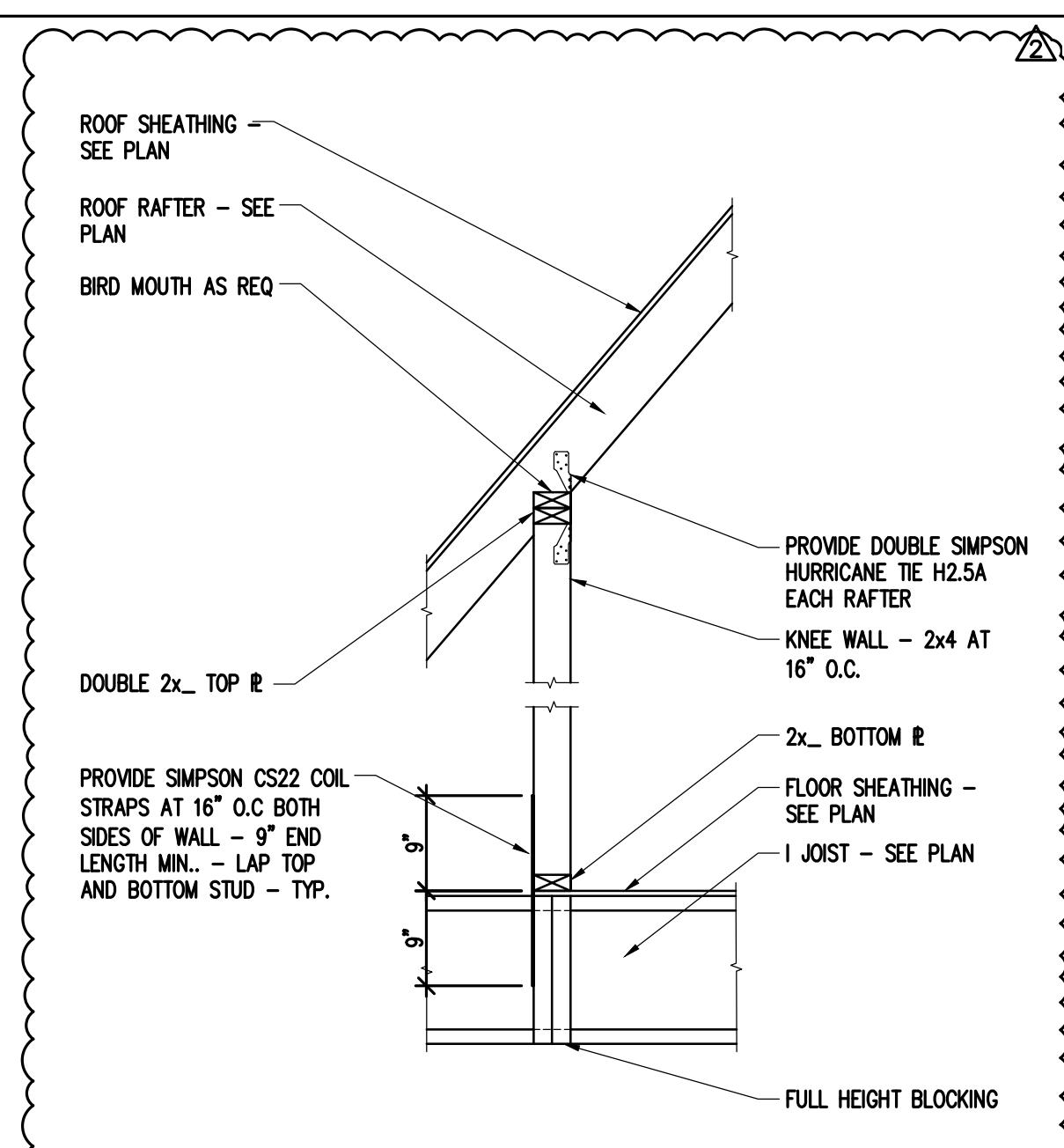


Gustavo and Maria Hernandez House
296 Gatewood LN
Matthews, NC



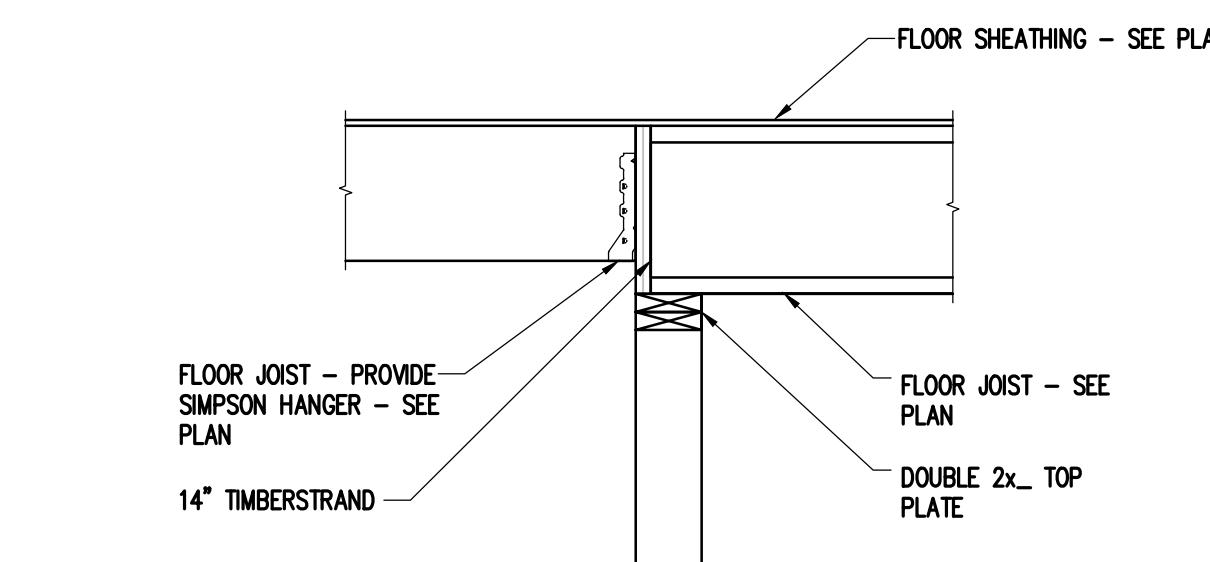
1 SECTION AT EXTERIOR WALL

S404 SCALE: 3/4"=1'-0"



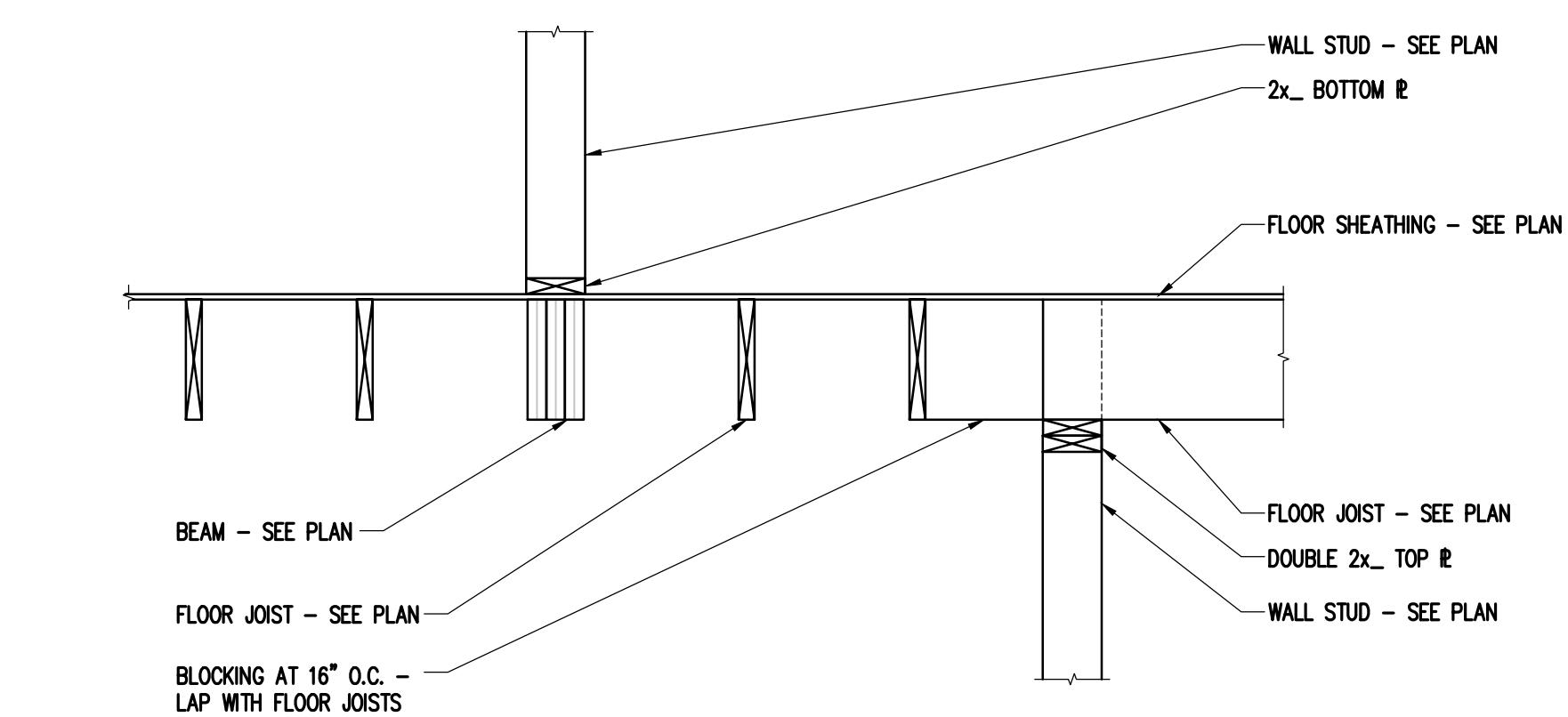
2 SECTION AT KNEE WALL

S404 SCALE: 3/4"=1'-0"



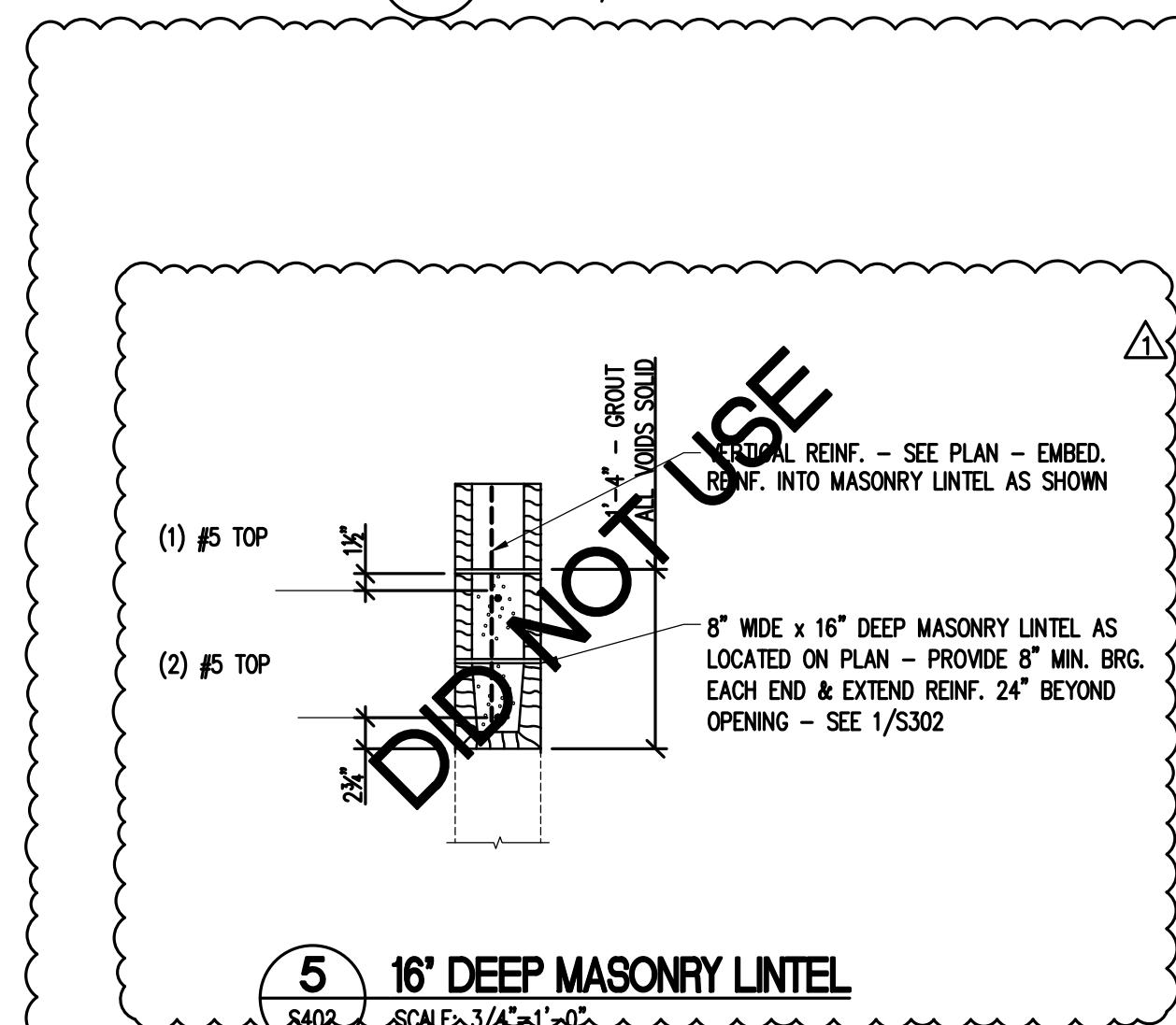
3 SECTION AT BEAM

S404 SCALE: 3/4"=1'-0"



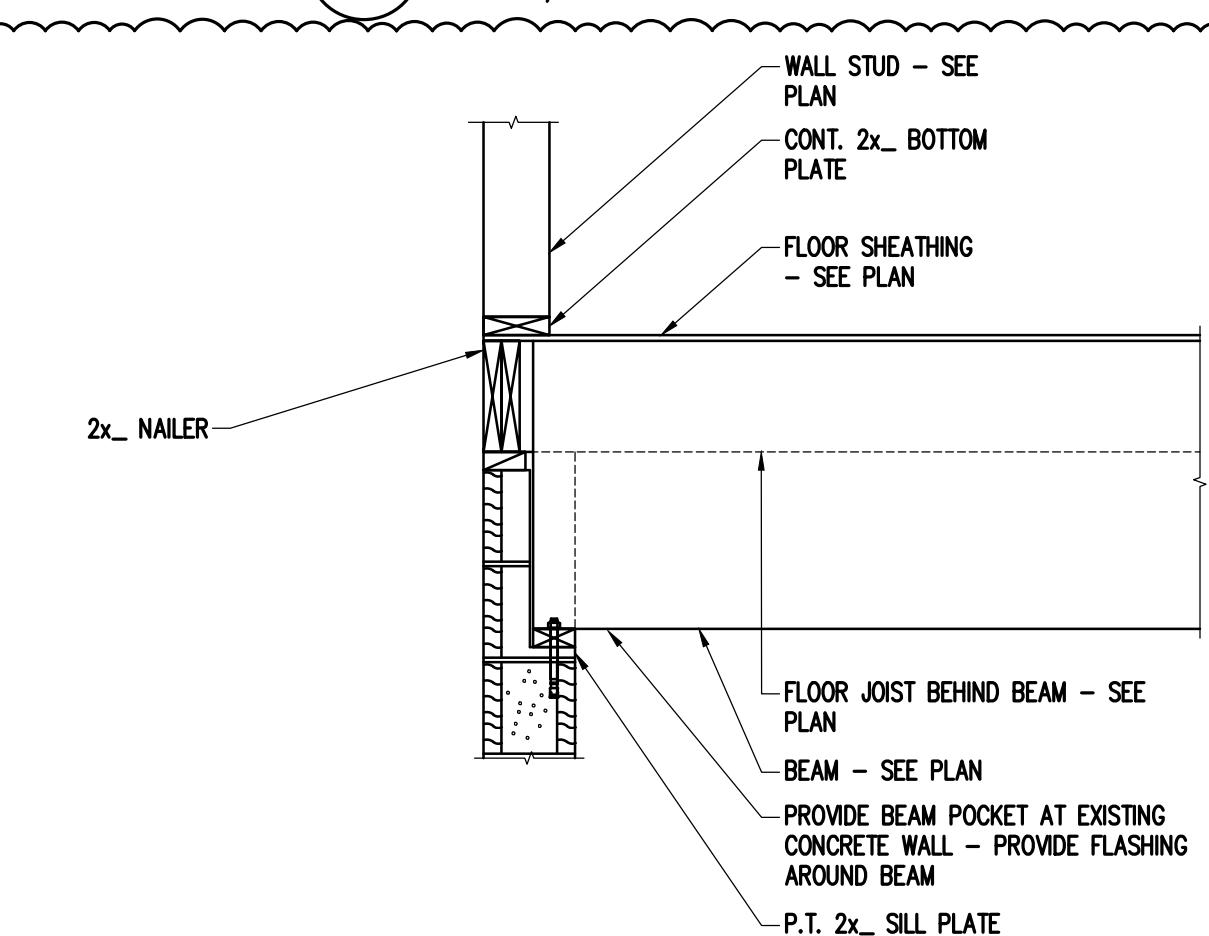
4 SECTION AT BEAM

S404 SCALE: 3/4"=1'-0"



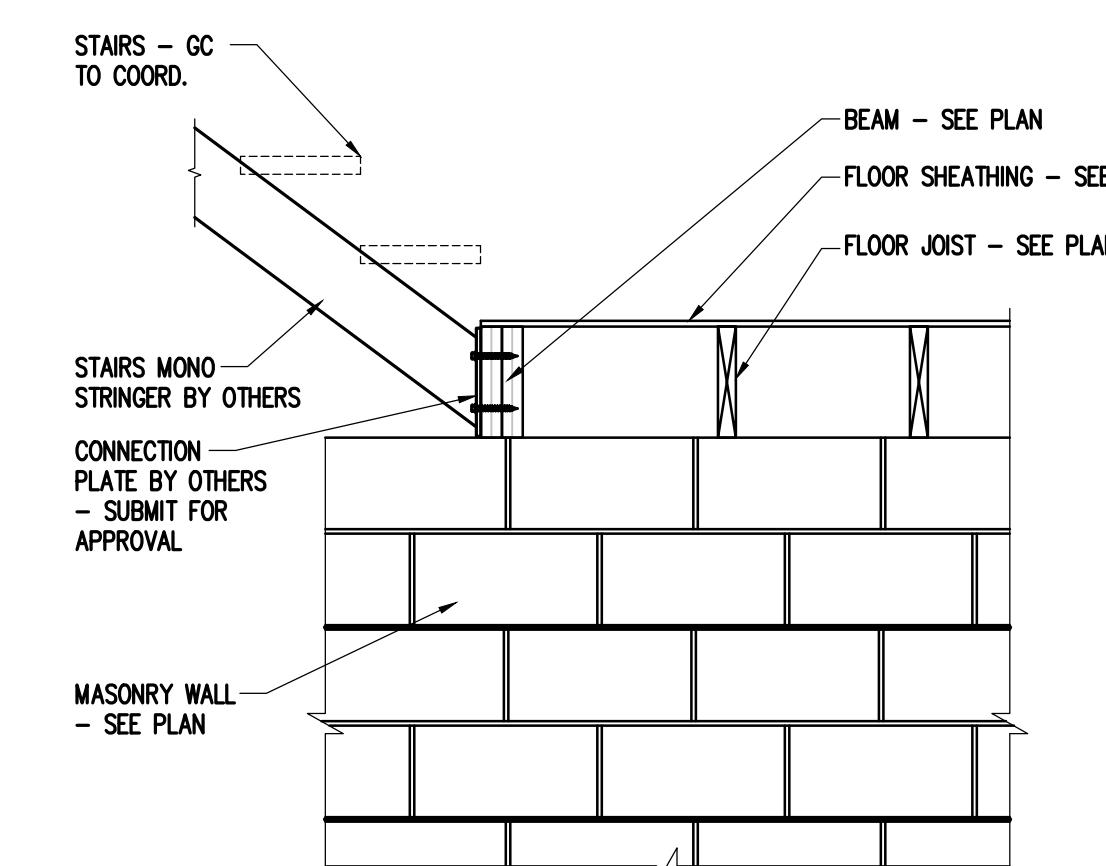
5 16' DEEP MASONRY LINTEL

S402 SCALE: 3/4"=1'-0"



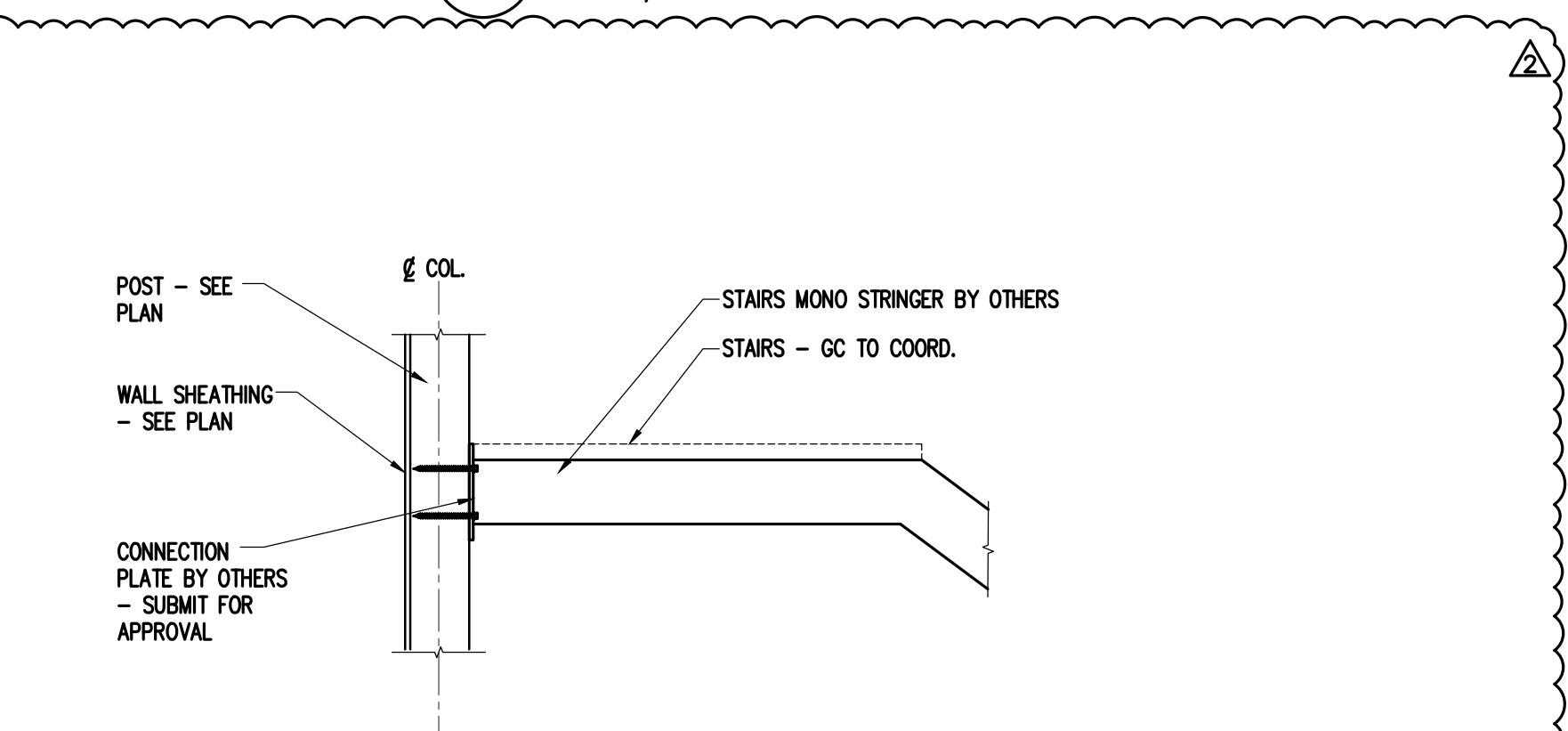
6 SECTION AT BEAM POCKET

S404 SCALE: 3/4"=1'-0"



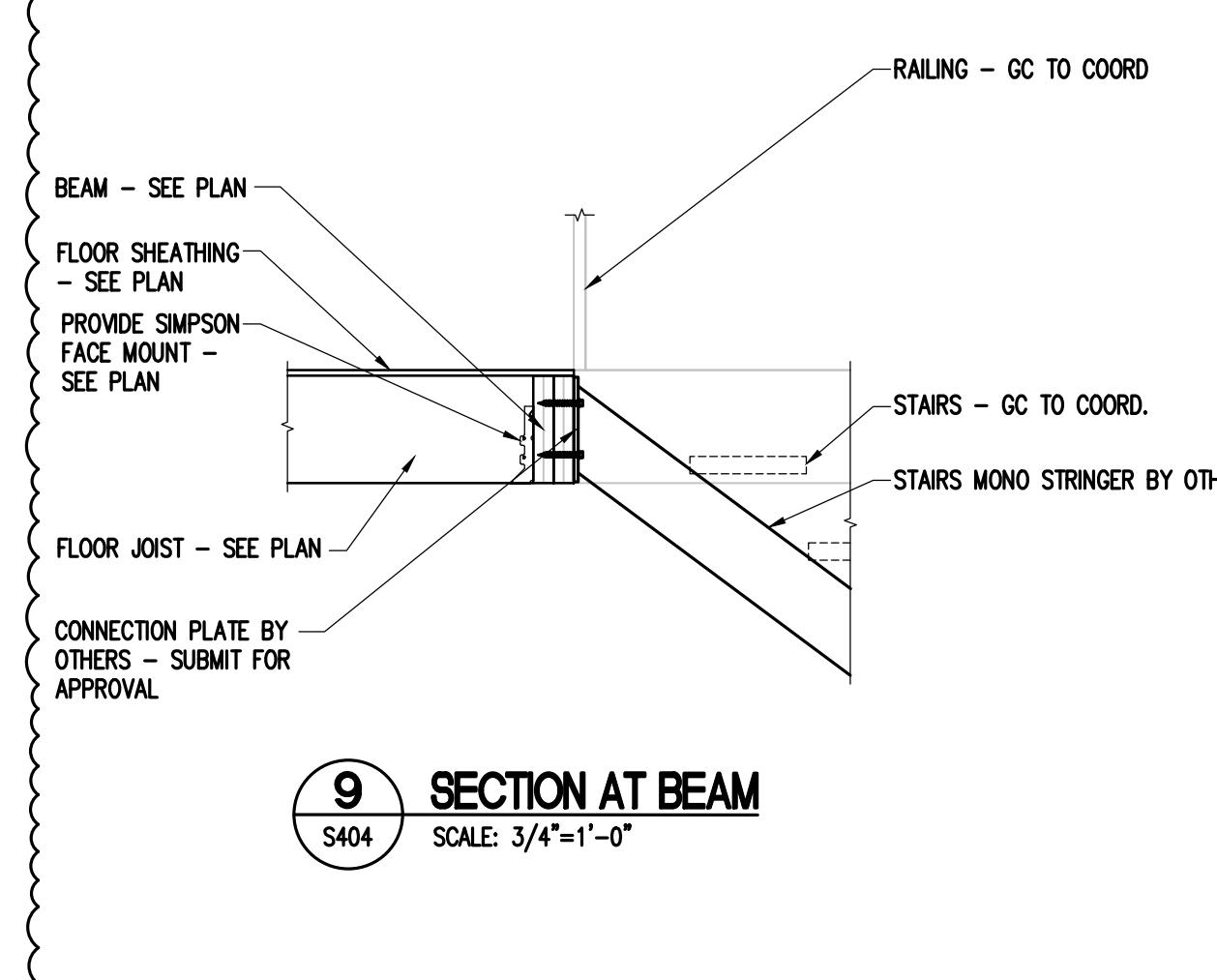
7 SECTION AT BEAM

S404 SCALE: 3/4"=1'-0"



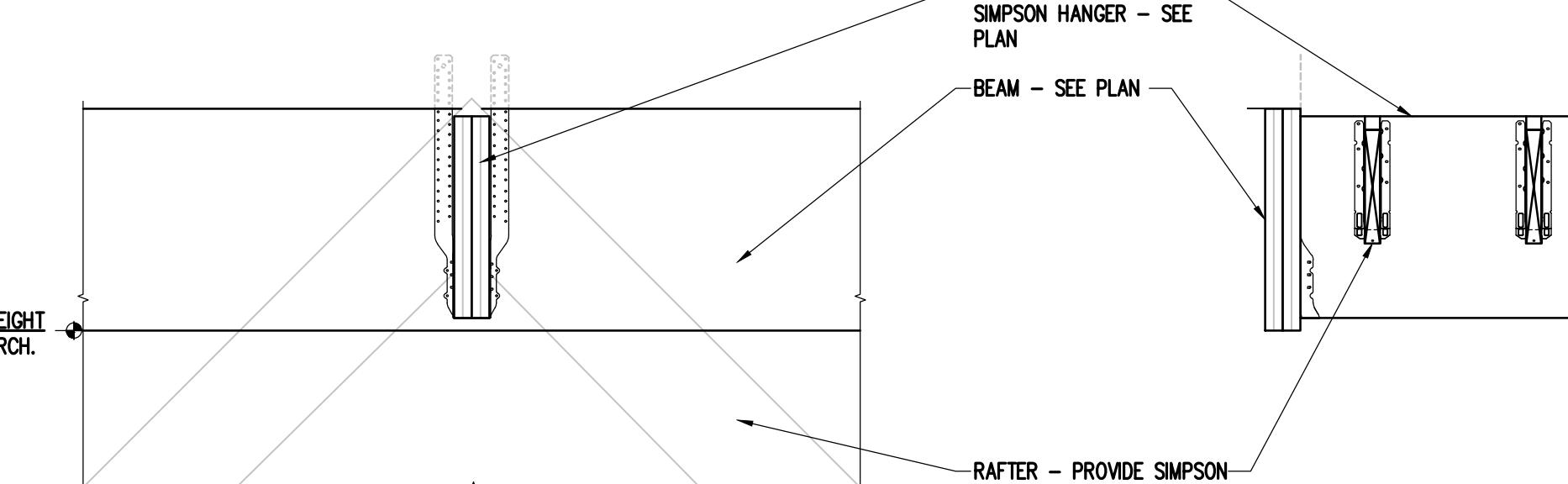
8 SECTION AT POST

S404 SCALE: 3/4"=1'-0"



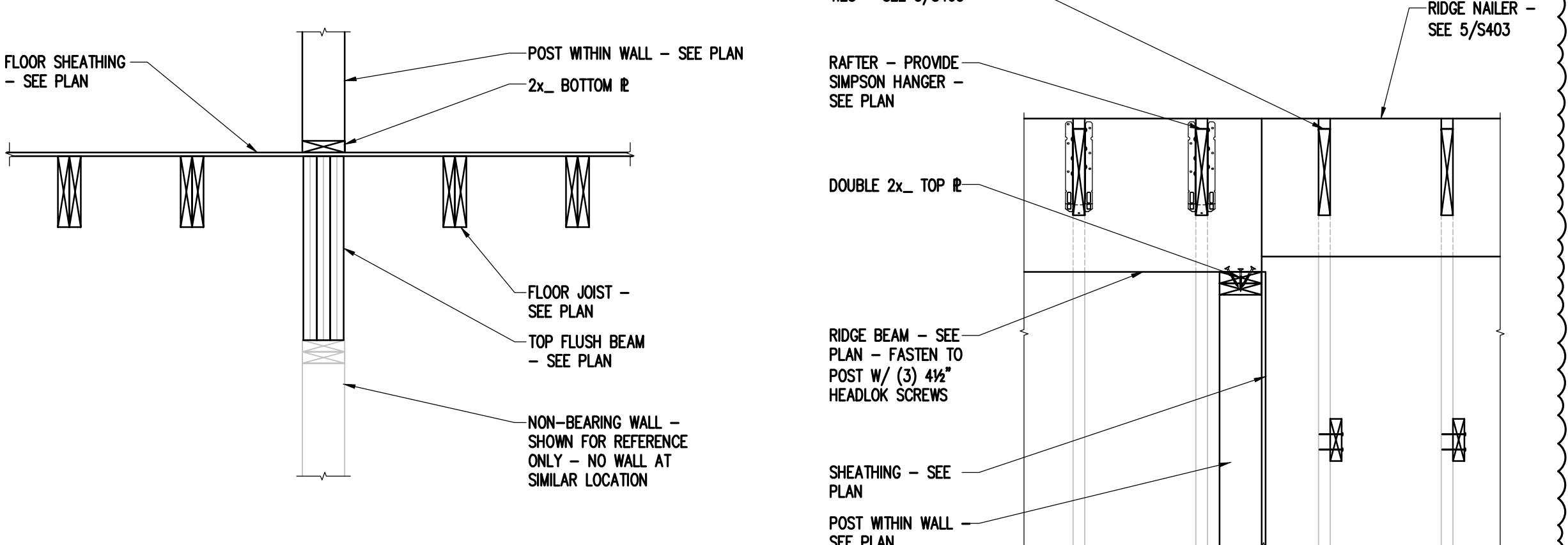
9 SECTION AT BEAM

S404 SCALE: 3/4"=1'-0"



10 SECTION AT BEAM

S404 SCALE: 3/4"=1'-0"



11 SECTION AT BEAM

S404 SCALE: 3/4"=1'-0"

NUMBER	DATE	DESIGN UPDATE	DESIGN UPDATE	DESIGN UPDATE
1	12-1-25			
2	1-14-26			

PROJECT #	23-25
PROJECT ENGINEER:	JJM
DRAWN BY:	WG
ISSUE DATE:	082025
CAD FILE:	MA25.JOB#23-25-25-S404.DWG
SHEET TITLE:	FRAMING DETAILS