



FRONT ELEVATION

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

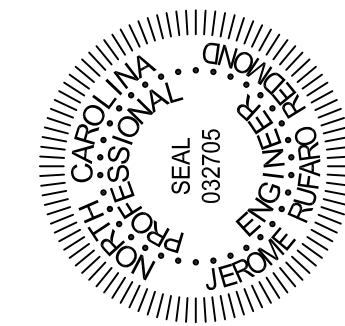


REAR ELEVATION

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

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FINOL NEW RESIDENCE
HARNETT COUNTY, NC

DRAWING TITLE
ELEVATIONS

DRAWN BY: JRR

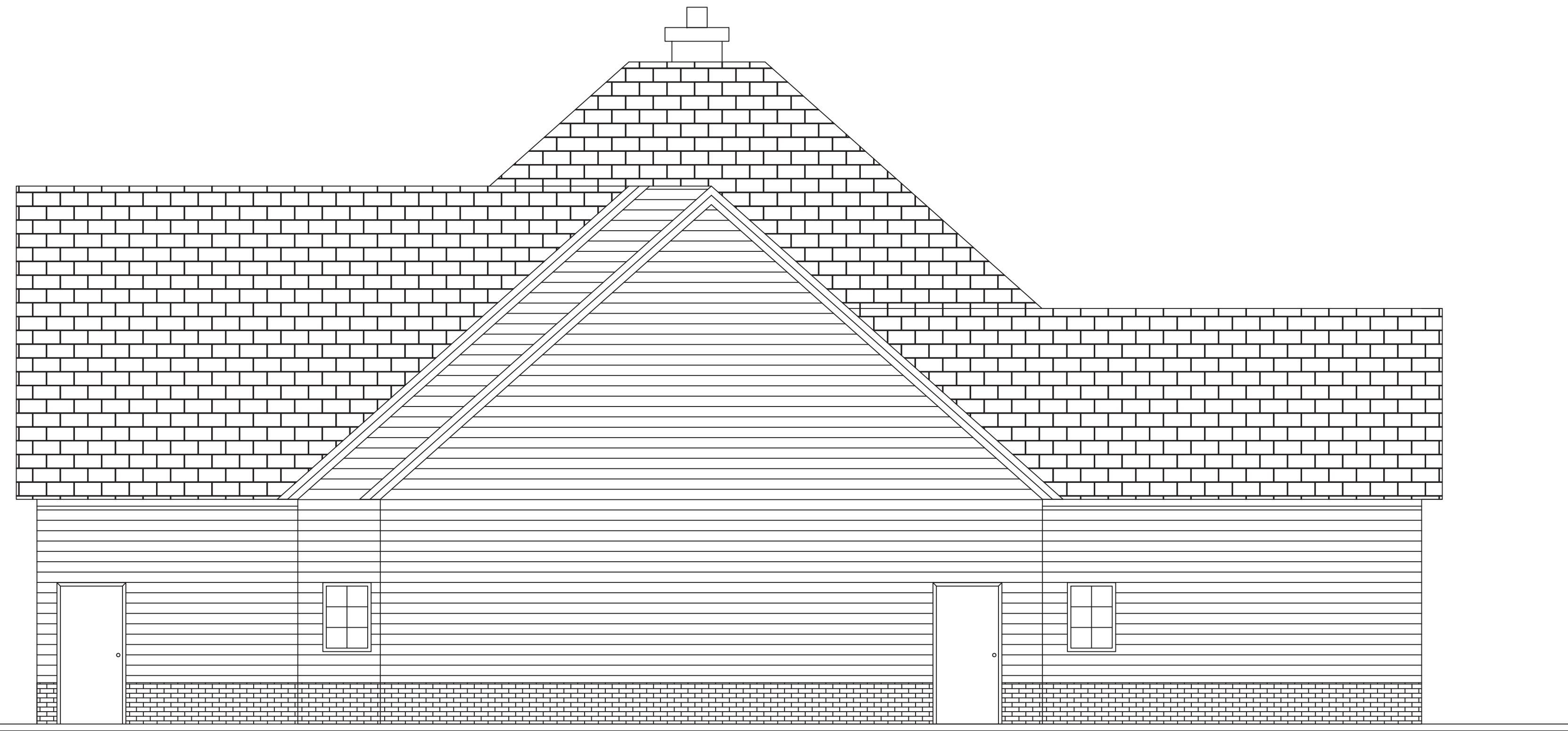
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SCALE: AS SHOWN

DATE: 12.05.21

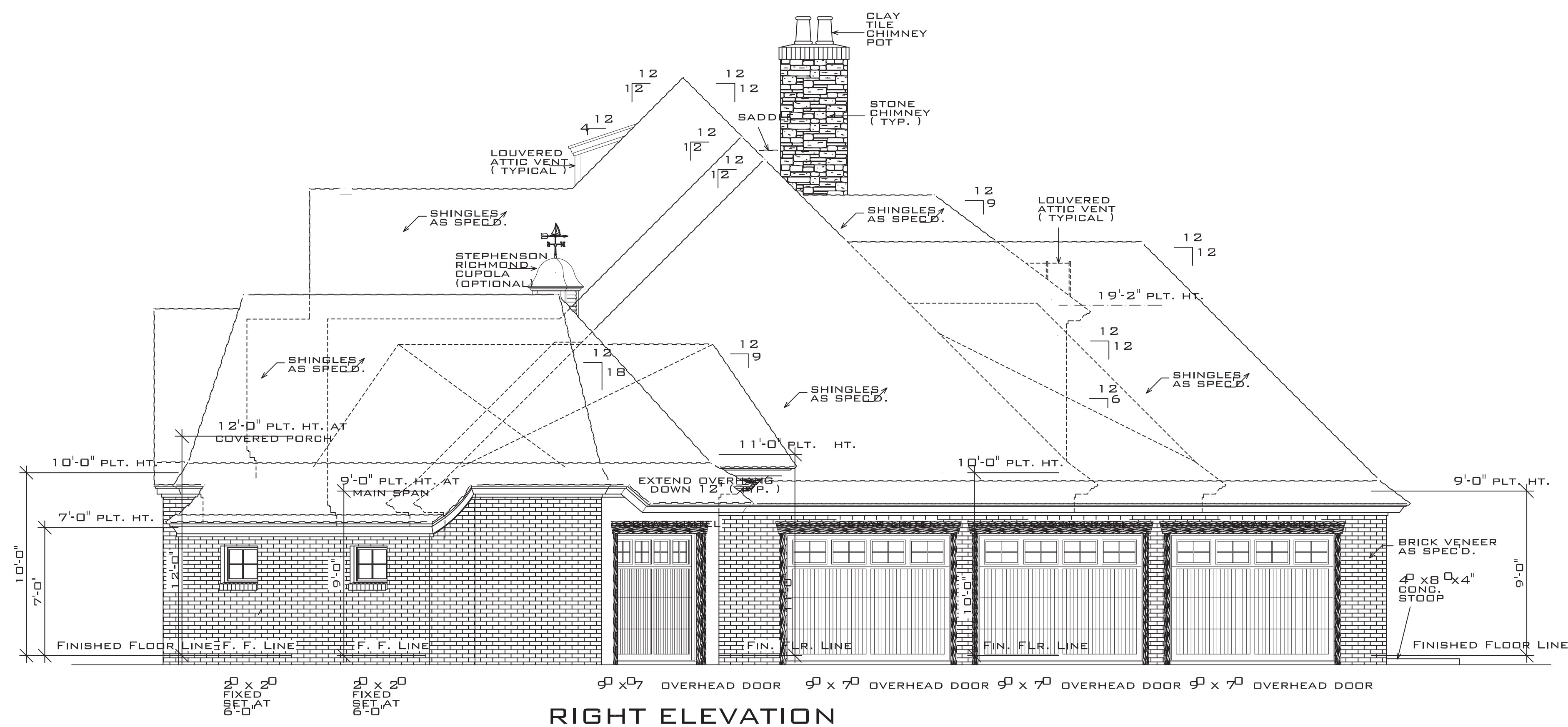
PROJECT SHEET
IN021412 B1

MARK	DATE	REVISION



LEFT ELEVATION

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



RIGHT ELEVATION

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

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**FINOL NEW RESIDENCE
HARNETT COUNTY, NC**

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ELEVATIONS

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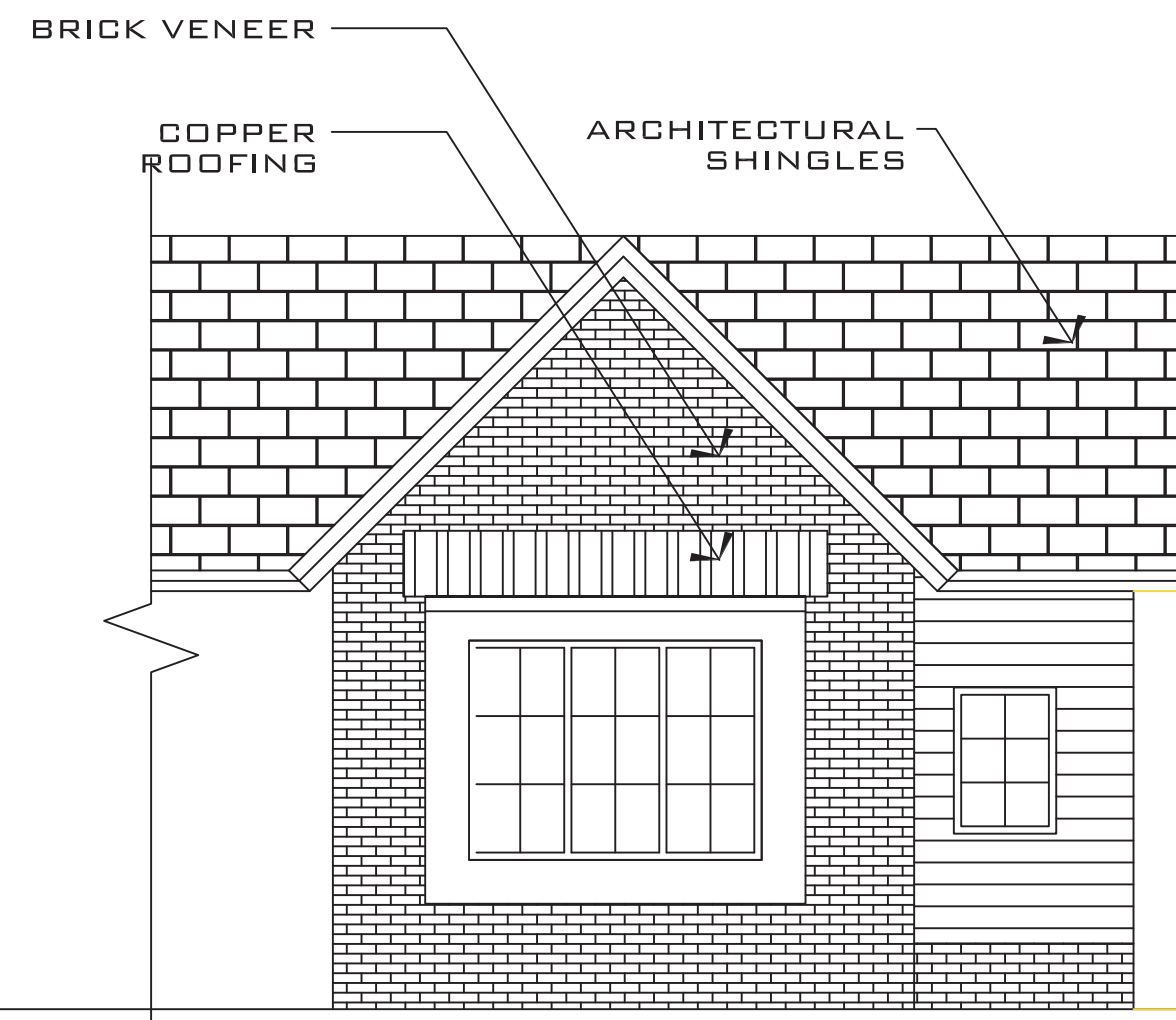
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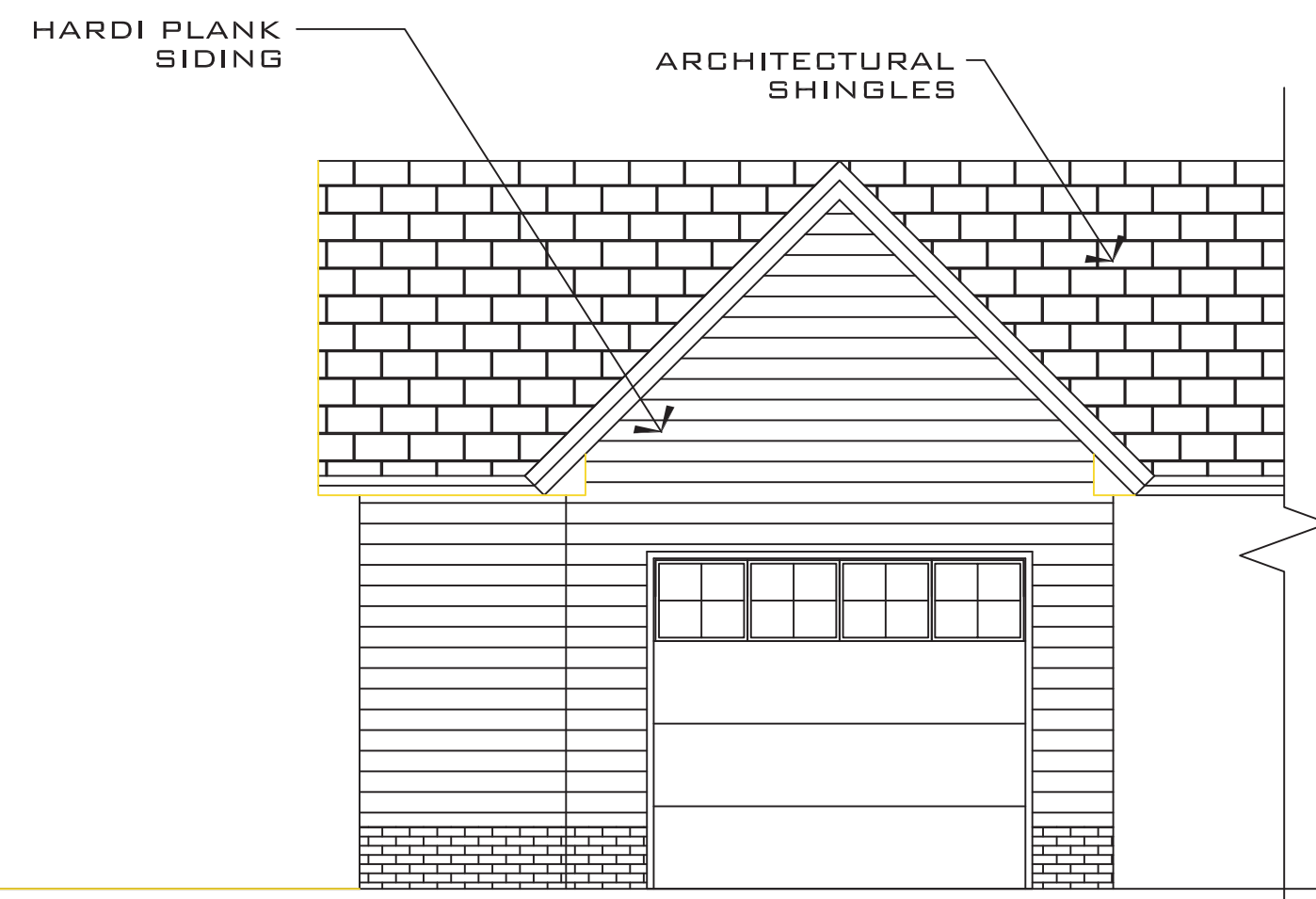
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PROJECT SHEET
IN021412 B2

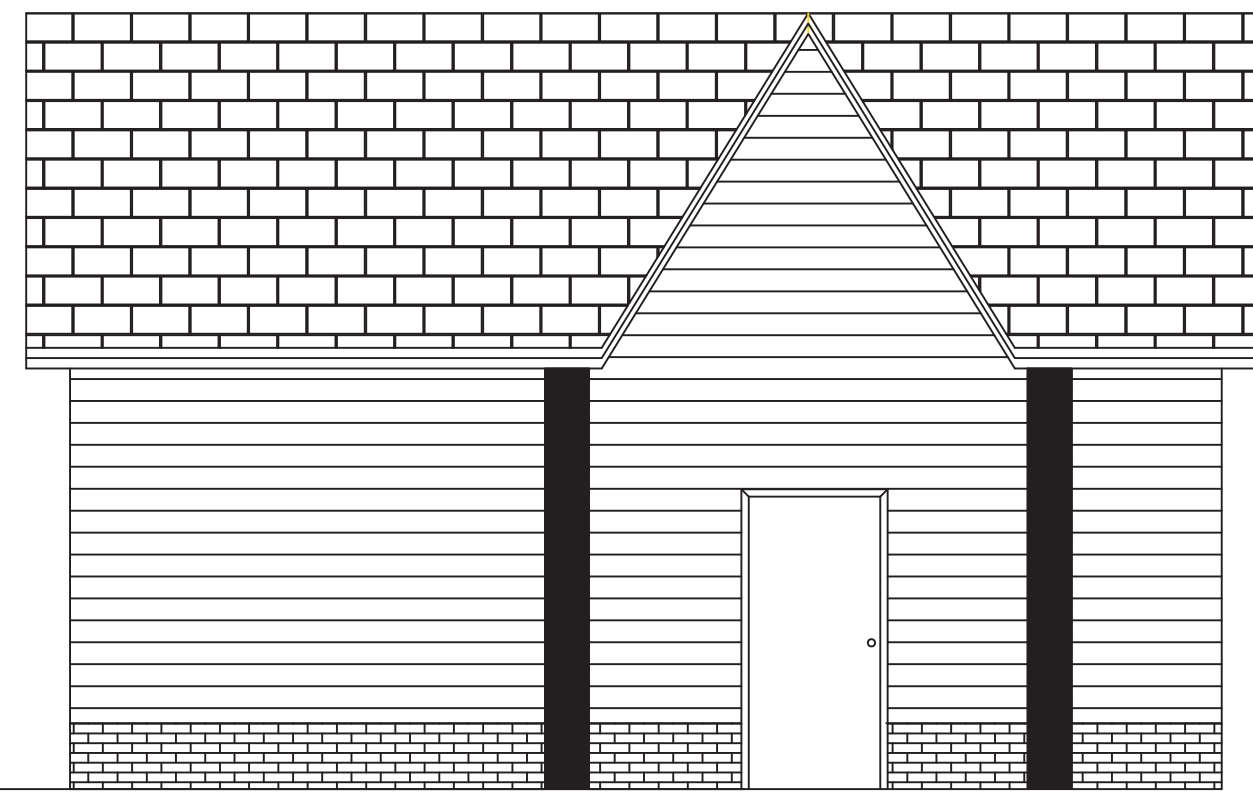
MARK	DATE	REVISION



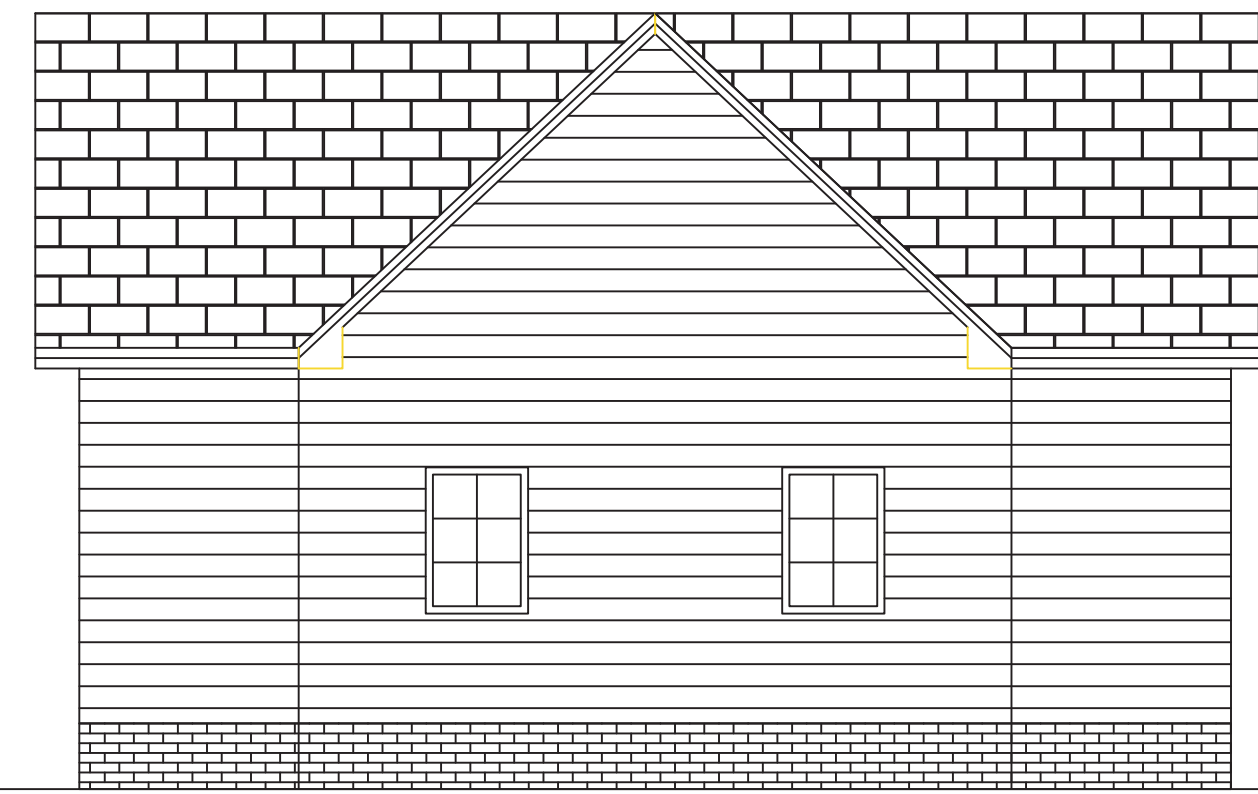
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SCALE: 1/4" = 1'-0"



SINGLE CAR REAR ELEVATION
SCALE: 1/4" = 1'-0"



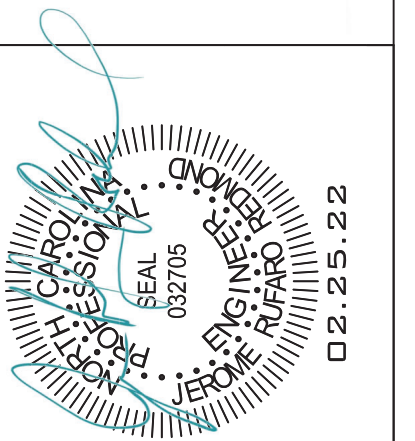
SINGLE CAR LEFT ELEVATION
SCALE: 1/4" = 1'-0"



SINGLE CAR RIGHT ELEVATION
SCALE: 1/4" = 1'-0"

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**FINOL NEW RESIDENCE
HARNETT COUNTY, NC**

DRAWING TITLE
ELEVATIONS
DETACHED GARAGE

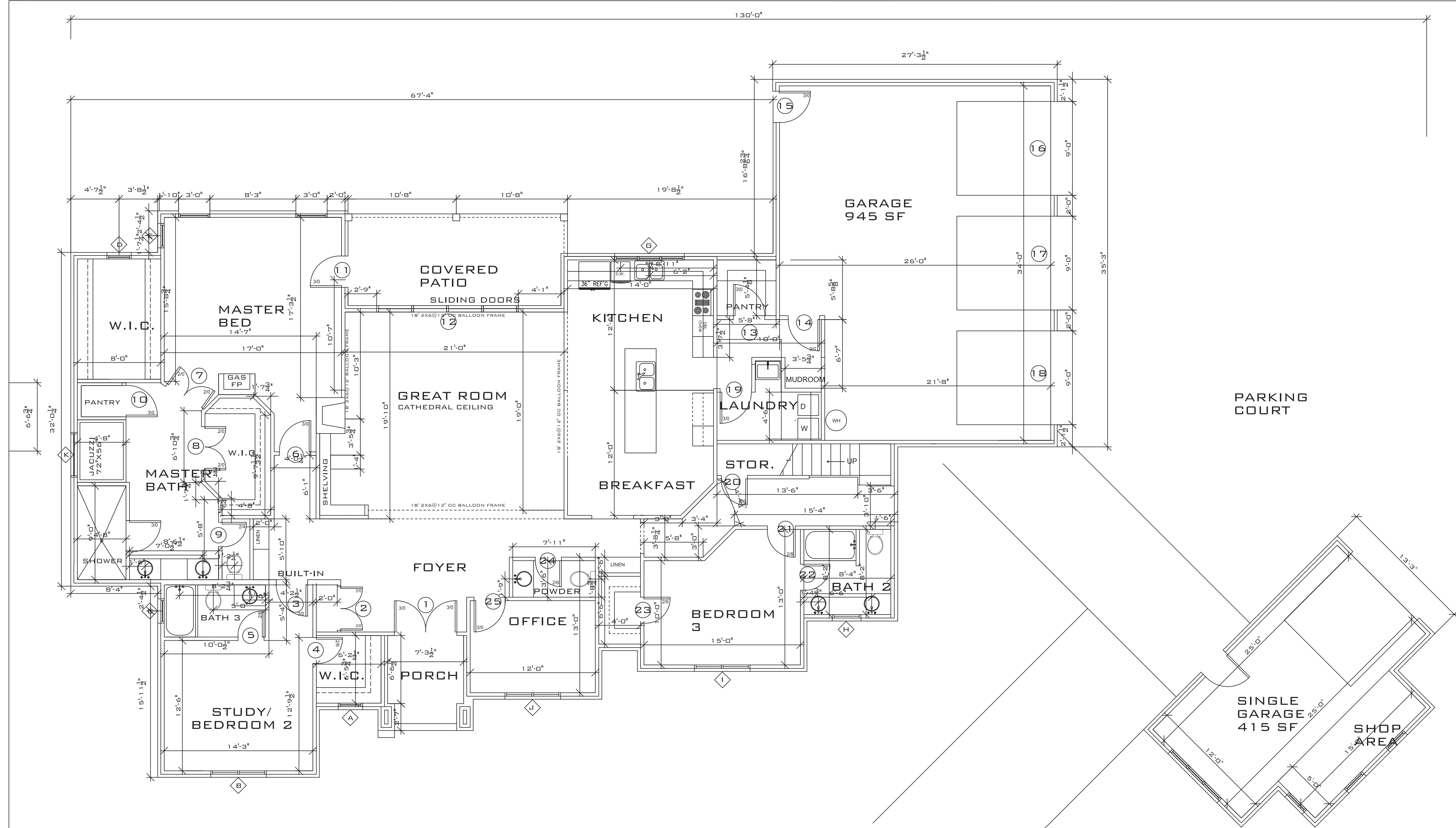
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CHECKED BY: JRR

SCALE: AS SHOWN

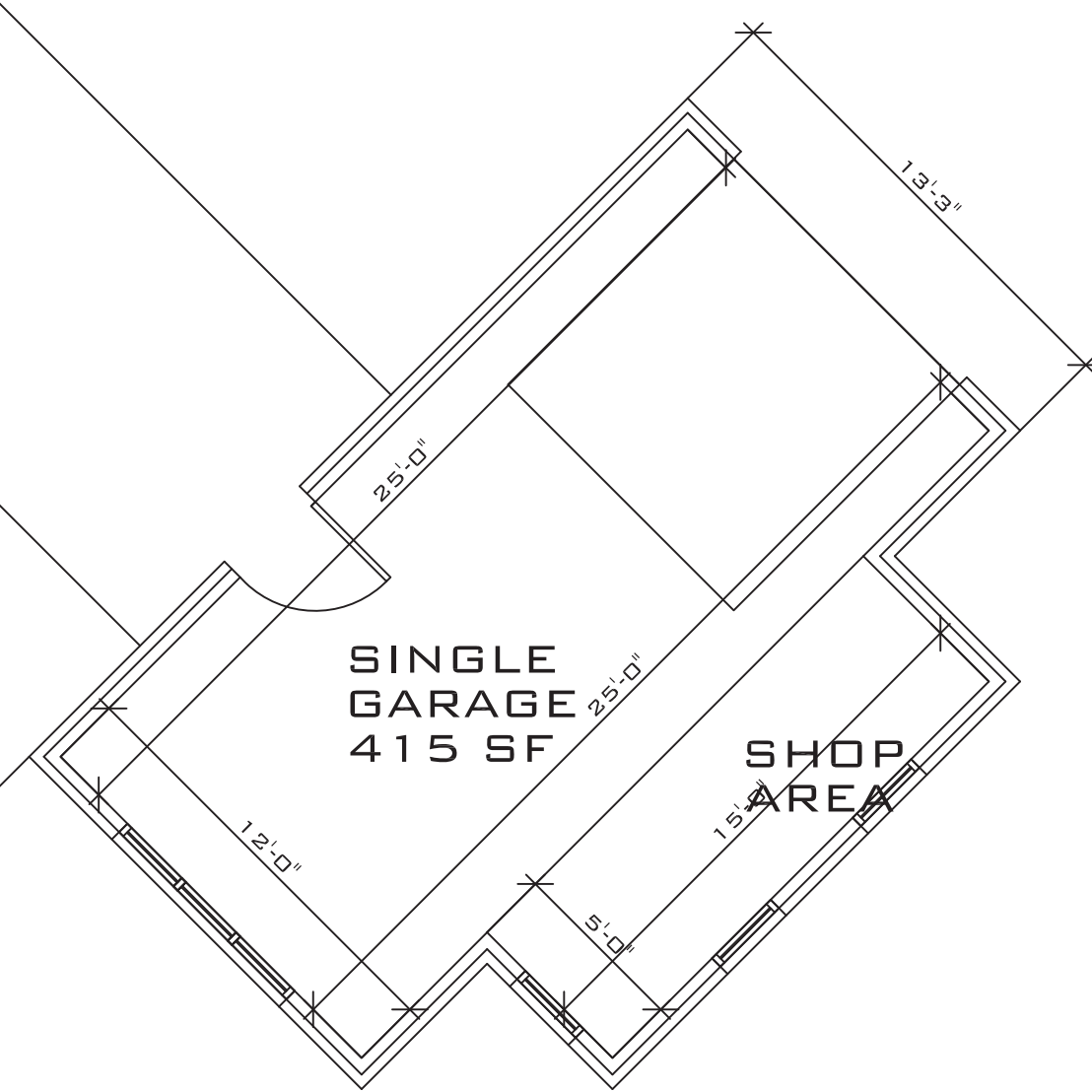
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PROJECT SHEET
IN021412 **B3**

MARK	DATE	REVISION



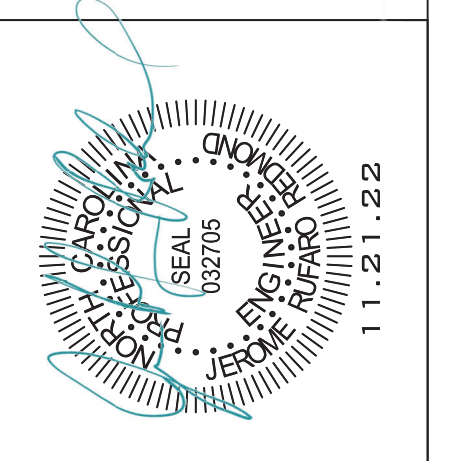
FIRST FLOOR PLAN
SCALE: $\frac{3}{16}'' = 1'-0''$



2ND FLOOR PLAN
SCALE: $\frac{1}{4}'' = 1'-0''$

ARCHITECT HAS PREPARED THESE PLANS TO THE BEST OF HIS KNOWLEDGE AND BELIEVES THEM TO COMPLY WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS. THE ARCHITECT DOES NOT WARRANT THAT THE PLANS WILL BE CONSIDERED AS A CONTRACT DOCUMENT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN OF THE PLANS AND NOT TO THE CONSTRUCTION OF THE PROJECT. THE ARCHITECT IS NOT RESPONSIBLE FOR ANY DELAYS OR COSTS INCURRED BY THE CLIENT DUE TO CHANGES OR OMISSIONS BY THE CLIENT OR OTHER THIRD PARTIES. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN OF THE PLANS AND NOT TO THE CONSTRUCTION OF THE PROJECT.

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**FINOL NEW RESIDENCE
HARNETT COUNTY, NC**

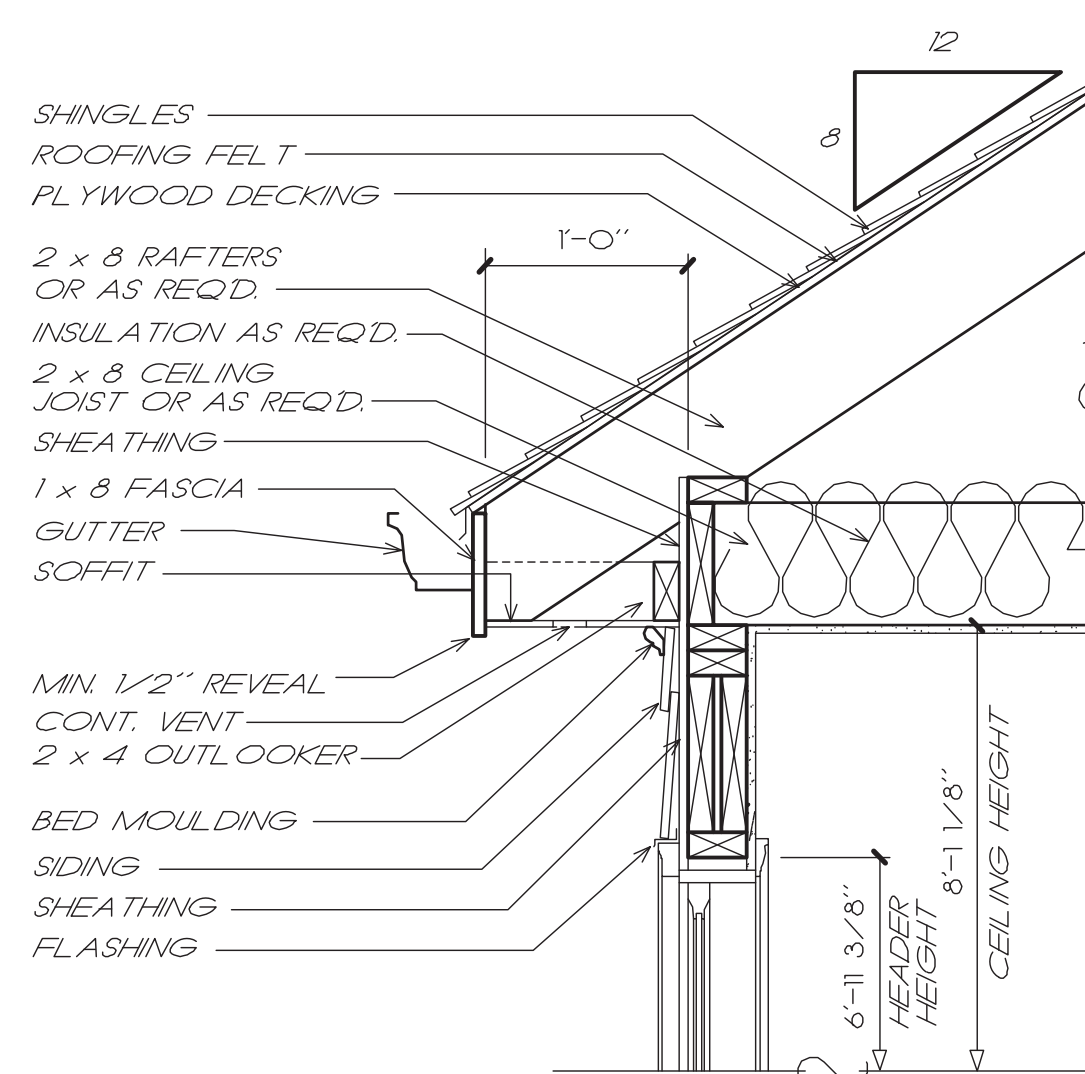
DRAWING TITLE
FLOOR PLANS

DRAWN BY: JRR
CHECKED BY: JRR

SCALE: AS SHOWN
DATE: 12.05.21

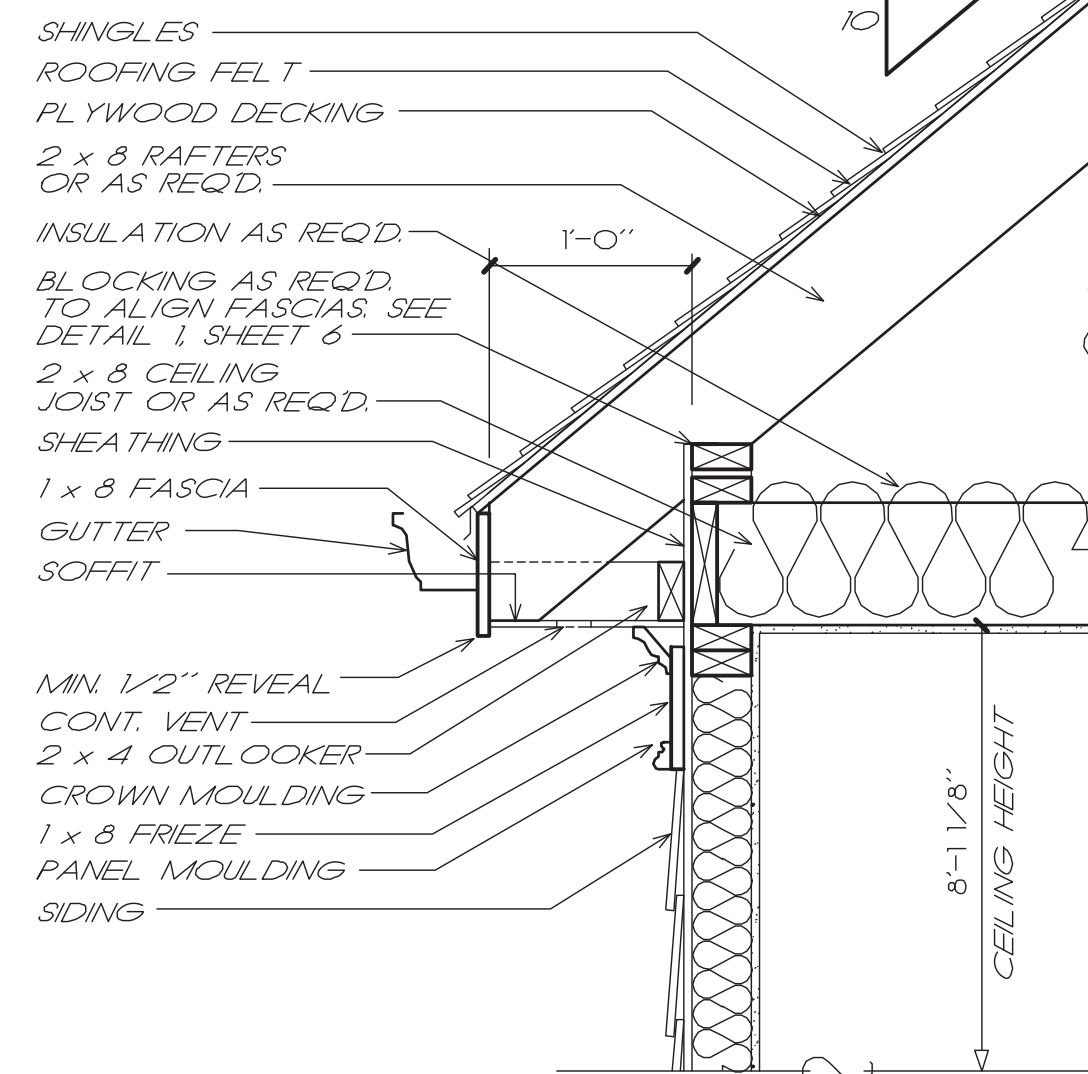
PROJECT SHEET
IN021412 **B4**

MARK	DATE	REVISION



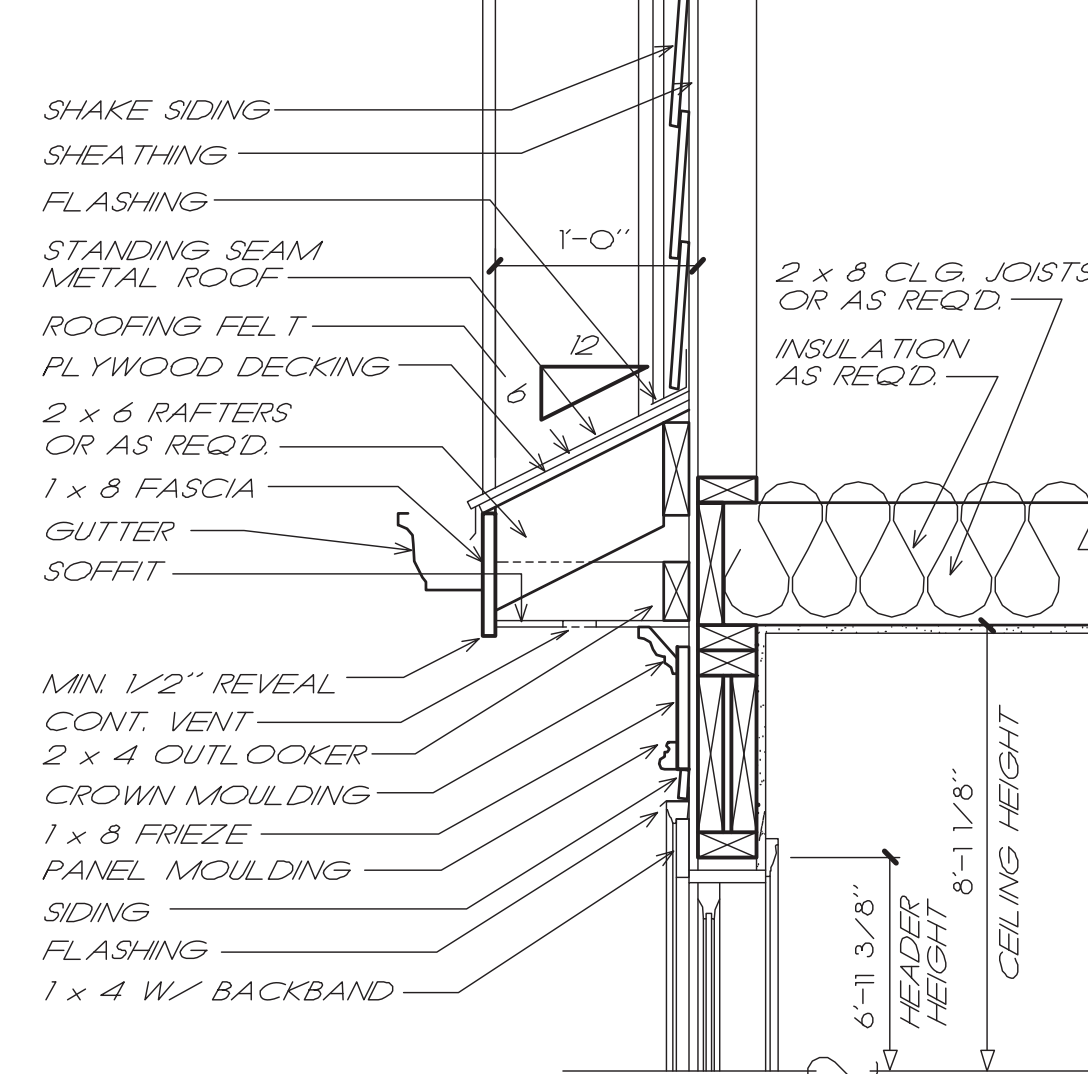
1 CORNICE DETAIL

3/4" = 1'-0"



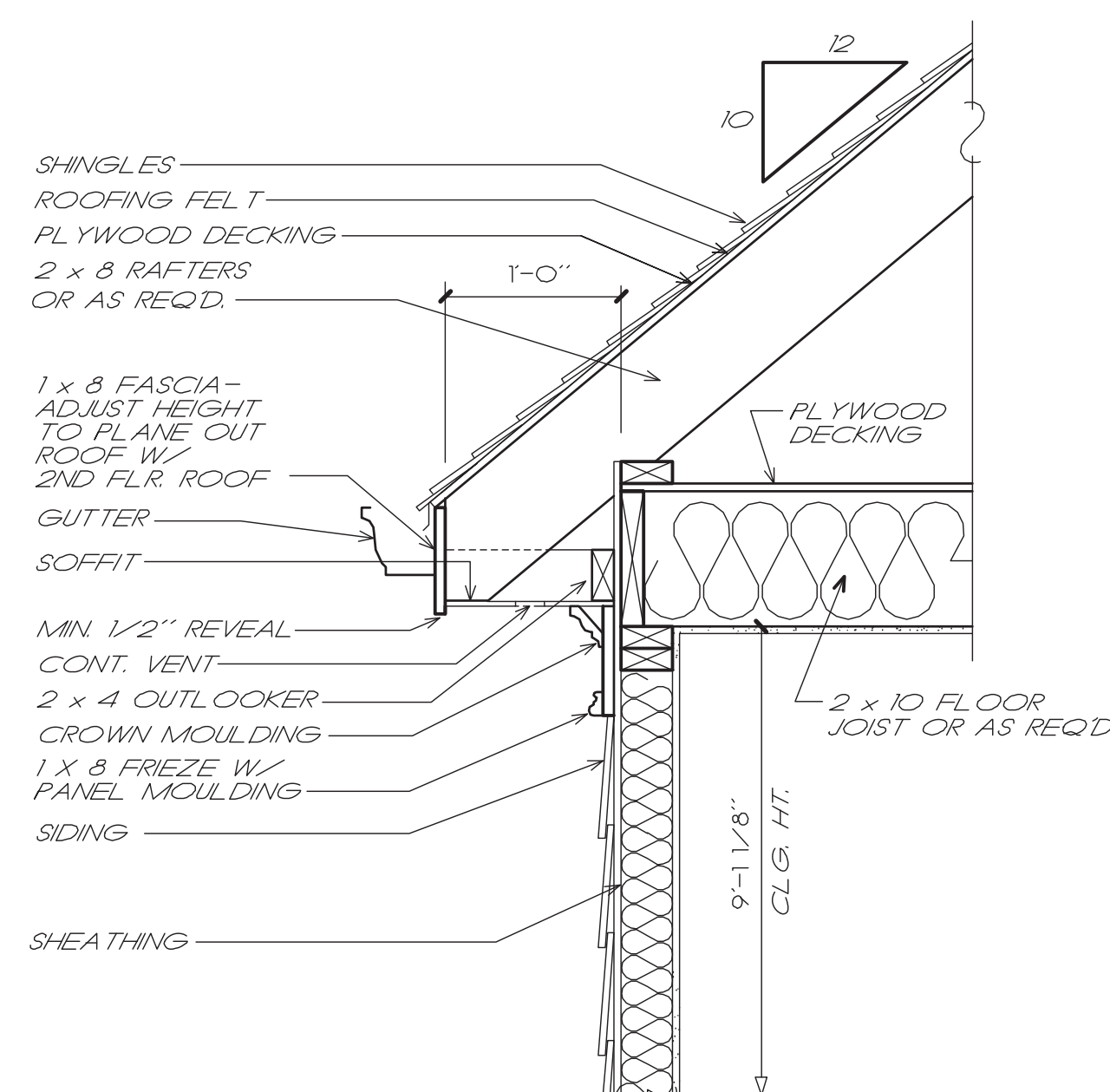
2 CORNICE DETAIL

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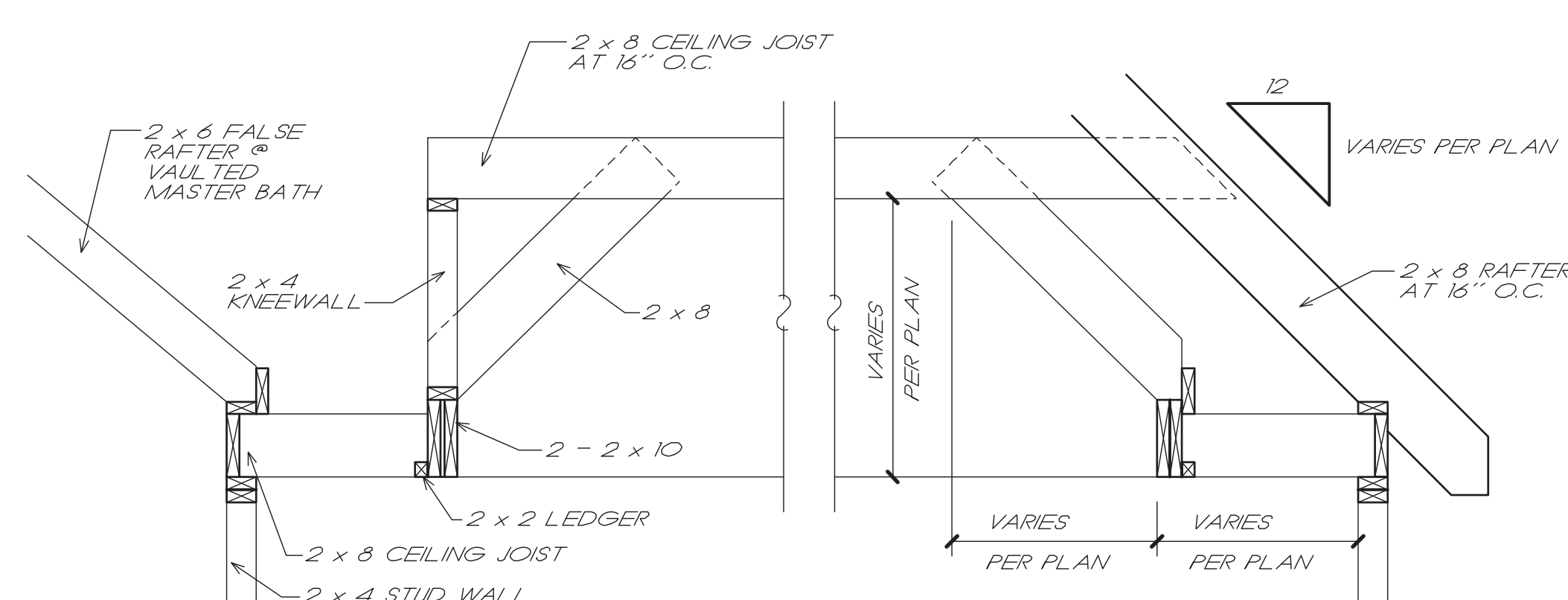
3 CORNICE DETAIL

3/4" = 1'-0"



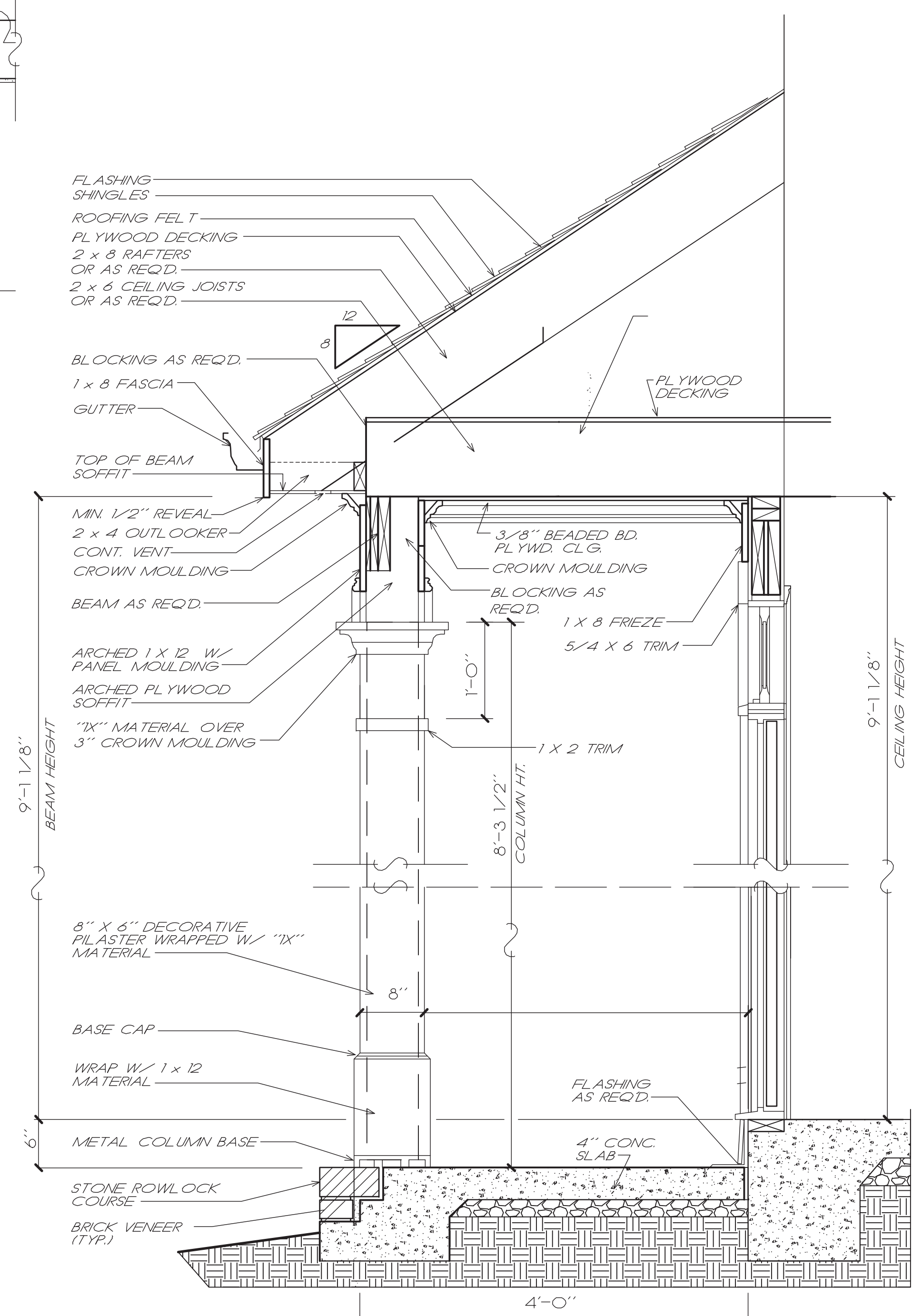
4 CORNICE DETAIL

3/4" = 1'-0"



F FREY CEILING DETAIL

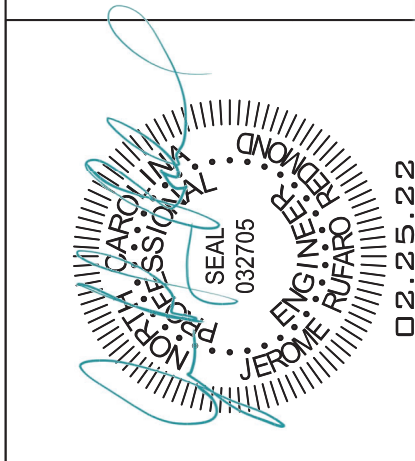
S3 SCALE: NTS



B PORCH DETAIL

B5 SCALE: NTS

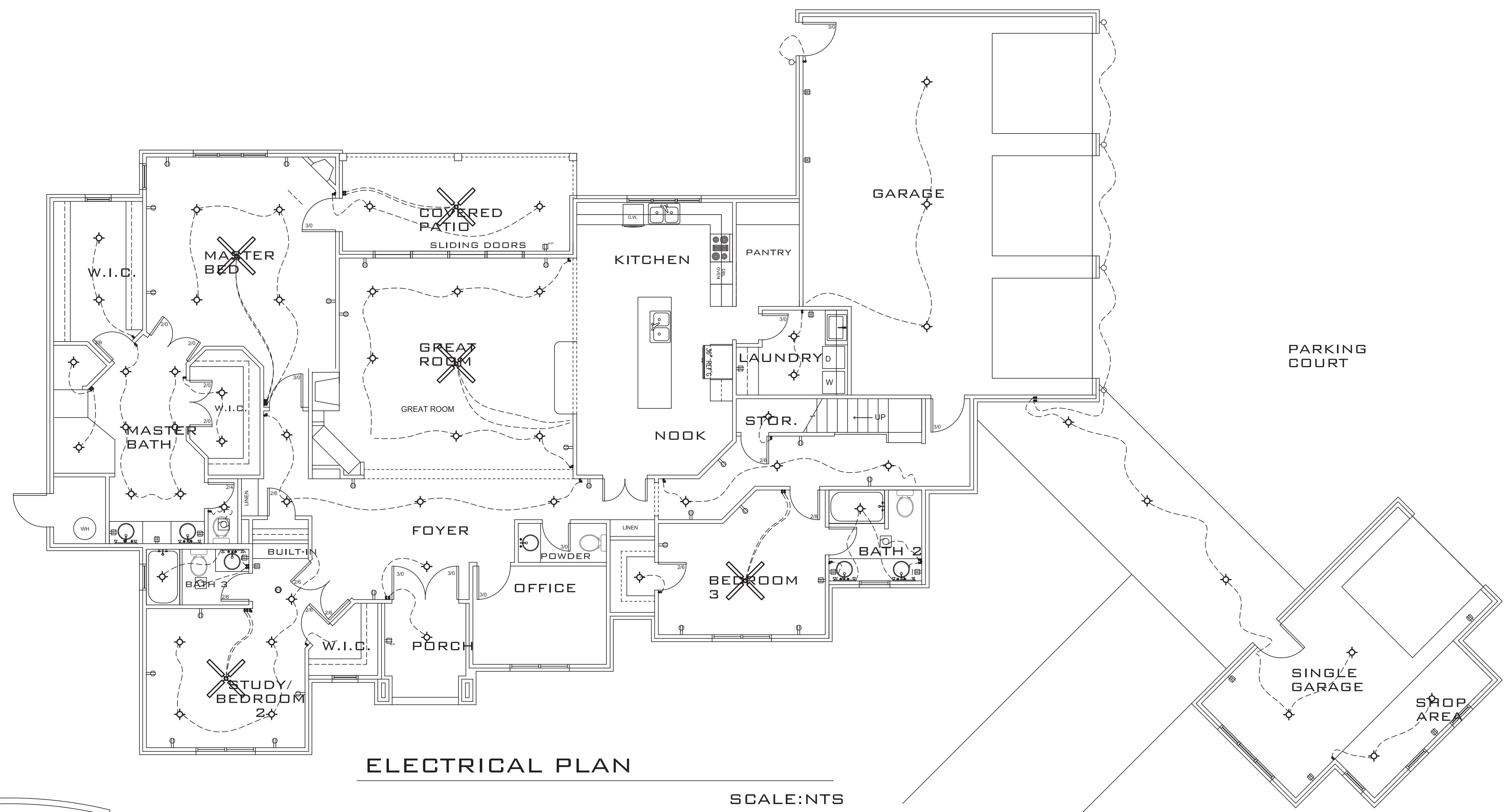
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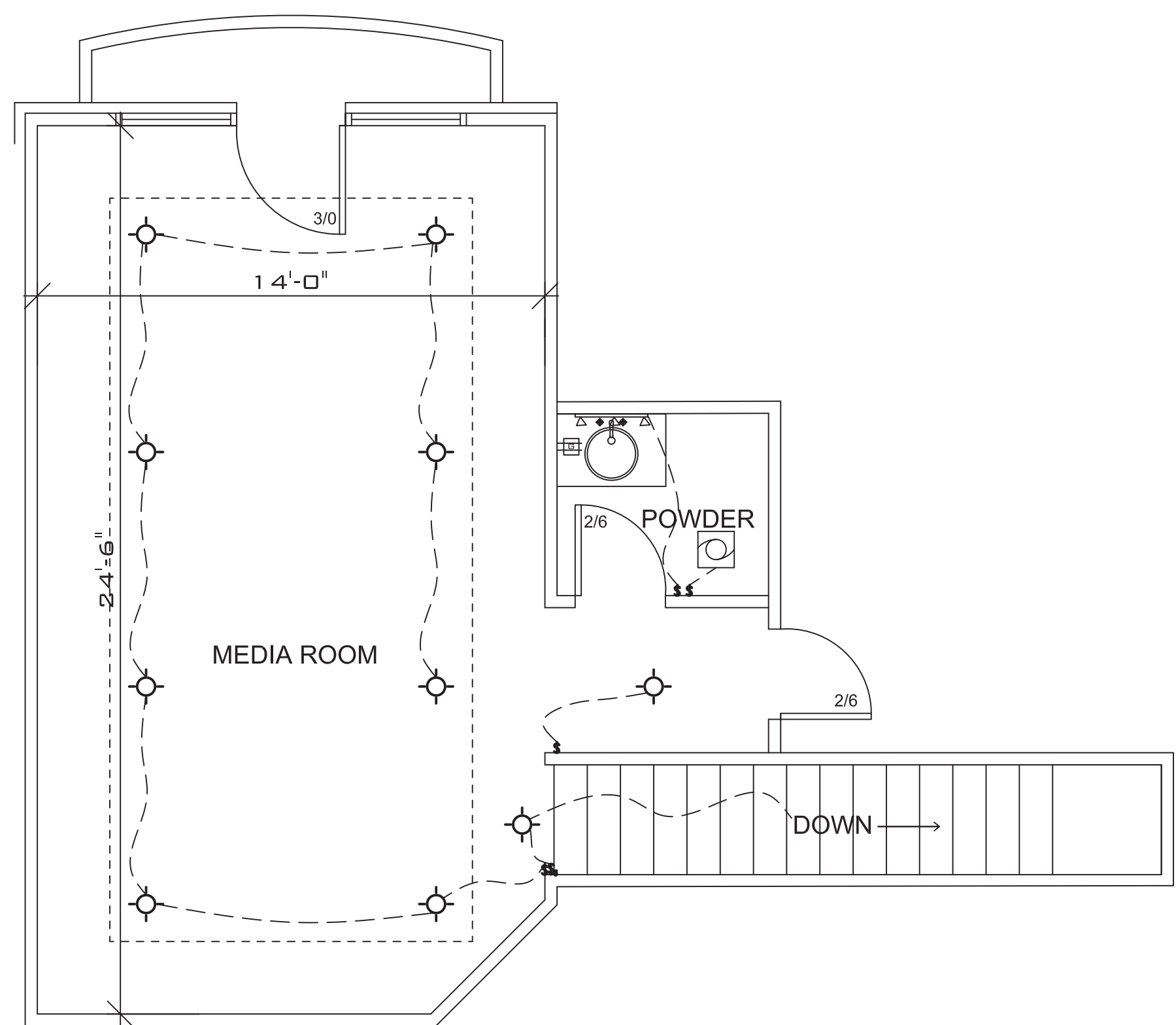
DRAWING TITLE		BUILDING DETAILS	
DRAWN BY:		JRR	
CHECKED BY:		JRR	
SCALE:		AS SHOWN	
DATE:		12.05.21	
PROJECT	IN021412	SHEET	B5

MARK	DATE	REVISION



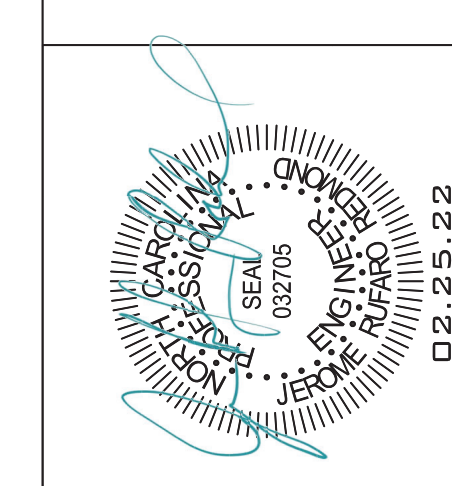
ELECTRICAL PLAN

SCALE: NTS



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**FINOL NEW RESIDENCE
HARNETT COUNTY, NC**

DRAWING TITLE
ELECTRICAL PLANS

DRAWN BY: JRR
CHECKED BY: JRR

SCALE: AS SHOWN

DATE: 12.05.21

PROJECT SHEET
IN021412 **B7**

MARK	DATE	REVISION

GENERAL NOTES:

GENERAL: ALL NOTES ARE FOR SUPPLEMENTING THE PLANS AND SPECIFICATIONS AND ARE IN NO WAY TO BE CONSIDERED AS EXCLUDING ANY ITEM IN THEM.

CONTRACTOR TO OBTAIN ALL MISC. UTILITIES AND UTILITY CLEARANCES AND EXCAVATION PERMITS.

CODE: DESIGN AND CONSTRUCTION TO BE IN ACCORD WITH THE 2018 NC RESIDENTIAL CODE (NRC) AND THE PARTICULAR CODES AS REFERENCED IN NRC.

DESIGN CRITERIA:

FLOOR LIVE: 40 PSF
 ROOF LIVE: 20 PSF
 ATTIC LIVE: 20 PSF
 CEILING LIVE: 10 PSF
 WIND SPEED: 120 MPH
 THERMAL ZONE: 4A
 WINDOWS: DP30/U-.35
 ATTIC INSULATION R-38
 FLOOR INSULATION R-21
 WALL INSULATION R-15/R-19

FOUNDATION:

MATERIAL SATISFACTORY FOR CONTROLLED FILL AND BACKFILL MATERIAL AROUND AND ABOVE FOOTINGS SHALL INCLUDE CLEAN SOIL OR BANKRUN SAND AND GRAVEL (GW, GC, SC, SM, ML & CL), BUT EXCLUDE HIGHLY PLASTIC CLAYS (MH & CH) OR HIGH SHRINK SWELL SOILS. THE FILL MATERIALS SHALL BE FREE FROM TOPSOIL, ORGANIC CONTAMINATED SOIL AND ROCK FRAGMENTS HAVING A MAJOR DIMENSION GREATER THAN FOUR (4) INCHES, AND SHALL CONTAIN NO ICE OR SNOW.

FOOTINGS ARE DESIGNED FOR AN ASSUMED SOIL BEARING PRESSURE OF 2000 PSF.

CARE SHOULD BE TAKEN TO ASSURE THAT DURING PLACING OF CONCRETE FOOTINGS ON GRADE NO ORGANIC MATTER, SALTS, OR CLAYS ARE MIXED WITH THE CONCRETE.

STRUCTURAL STEEL: ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (A.I.S.C.) "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN", AND THE AISC CODE OF STANDARD PRACTICE.

STRUCTURAL STEEL, TO BE OF DOMESTIC ORIGIN, AND CONFORM TO:

WIDE FLANGE & TEE SECTIONS: ASTM A992
 PLATES, ANGLES, & CHANNELS: ASTM A36
 ANCHOR BOLTS: ASTM A307.
 WELDING ELECTRODE: 70EXX

CONCRETE: REINFORCED CONCRETE TO HAVE THE FOLLOWING COMPRESSIVE STRENGTH (F'c)

SLAB ON GRADE: 3000 PSI
 FOOTINGS: 3000 PSI

EXPOSED CONCRETE SHALL BE AIR-ENTRAINED.

GROUT FOR BASE PLATES SHALL BE NON-SHRINKABLE GROUT AND SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH AT 28 DAYS OF 5,000 P.S.I.

REINFORCING STEEL: ASTM A615 GRADE 60.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.

REINFORCING STEEL MARKED CONTINUOUS (CONT.) SHALL BE LAPPED 48 X BAR DIAMETER AT SPLICES. ALL REINFORCING STEEL SHALL BE HELD SECURELY IN PLACE TO PREVENT DISLOCATION DURING THE POURING OPERATION.

SLAB REINFORCING BARS SHALL BE SUPPORTED ON HIGH CHAIRS AND BAR SPACERS OF SUITABLE DESIGN. "HOOKING" OF WELDED WIRE FABRIC SHALL NOT BE PERMITTED.

DETAILING OF ALL CONCRETE STEEL REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (A.C.I. 315-89).

NO CONCRETE SHALL BE PLACED UNTIL ALL EMBEDDED WORK HAS BEEN INSTALLED, TESTED AND INSPECTED.

EXCEPT AS OTHERWISE SHOWN, MINIMUM PROTECTION (CONCRETE COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

CONCRETE SURFACES EXPOSED TO SOIL:
 1 1/2" FOR SLABS
 3" FOR FOOTINGS

INTERIOR CONCRETE SURFACES:
 3/4" FOR SLABS

CONCRETE SURFACES EXPOSED TO WEATHER:
 1 1/2" FOR SLABS

WOOD: ALL EXPOSED WOOD TO BE PRESSURE TREATED SOUTHERN YELLOW PINE (SYP) NO. 2 OR HIGHER. PRESERVATIVE PRESSURE TREATMENT TO BE IN ACCORDANCE WITH AWPA STANDARD M4-06 & U1-07. MINIMUM PRESERVATION TREATMENTS:

PILES: UC4C
 ALL OTHER WOOD MEMBERS: UC4B

ROOF SHEATHING C-D GRADE "APA" EXTERIOR STRUCTURAL PANELS OR APPROVED EQUAL. PLACE WITH LONG DIMENSION PERPENDICULAR TO FRAMING. STAGGER END JOINTS. FASTEN WITH 8D HOT-DIPPED GALVANIZED BOX NAILS AT 6" O.C. AT ALL SUPPORTED EDGES, EXCEPT WITHIN THE FIRST 4' FROM ROOF EDGE. FASTENERS WITHIN THE FIRST 4' SHALL BE AT 4" O.C.

PLYWOOD SUBFLOOR SHALL BE 3/4" T. & G. PLYWOOD WITH #8 SCREWS AT 6" O.C. AT ALL SUPPORTED PERIMETER EDGES & INTERIOR SUPPORTS.

ALL MULTI-PLY LAMINATED VENEER LUMBER (LVL) HEADERS LINTELS & STUD COLUMNS SHALL BE CONNECTED SUCH THAT THEY ACT AS A SINGLE MEMBER.

LVL SPECS: Fb=2900 PSI Fv=285 PSI E=2,100,000 PSI

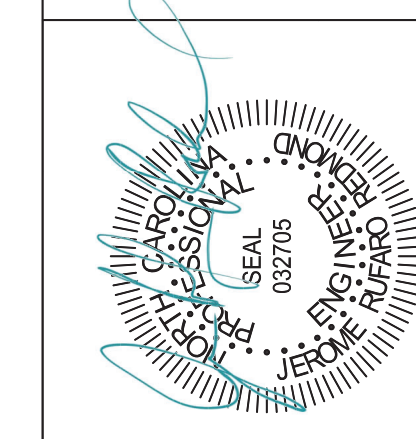
PILINGS: ALL PILES TO BE DRIVEN TO MINIMUM OF 10' AT 10,000 LB CAPACITY WITH FACTOR OF SAFETY OF 2.0. PILING INSTALLER SHALL EMPLOY ALL APPROPRIATE DRIVING APPARATUS AND SHALL RECORD AND VERIFY ALL PILING CAPACITIES.

TIMBER TRUSS

1. TRUSS FABRICATOR TO VERIFY FIELD DIMENSIONS WITH GENERAL CONTRACTOR.
2. TRUSS SUPPLIER SHALL SUBMIT SHOP DRAWINGS WITH NORTH CAROLINA REGISTERED ENGINEER SEAL BEFORE FABRICATION.
4. ALL MEMBERS TO BE SYP NO. 2 OR HIGHER

STATE OF NORTH CAROLINA
 REGISTERED PROFESSIONAL ENGINEER
 LICENSE NO. 10000
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**FINOL NEW RESIDENCE
 HARNETT COUNTY, NC**

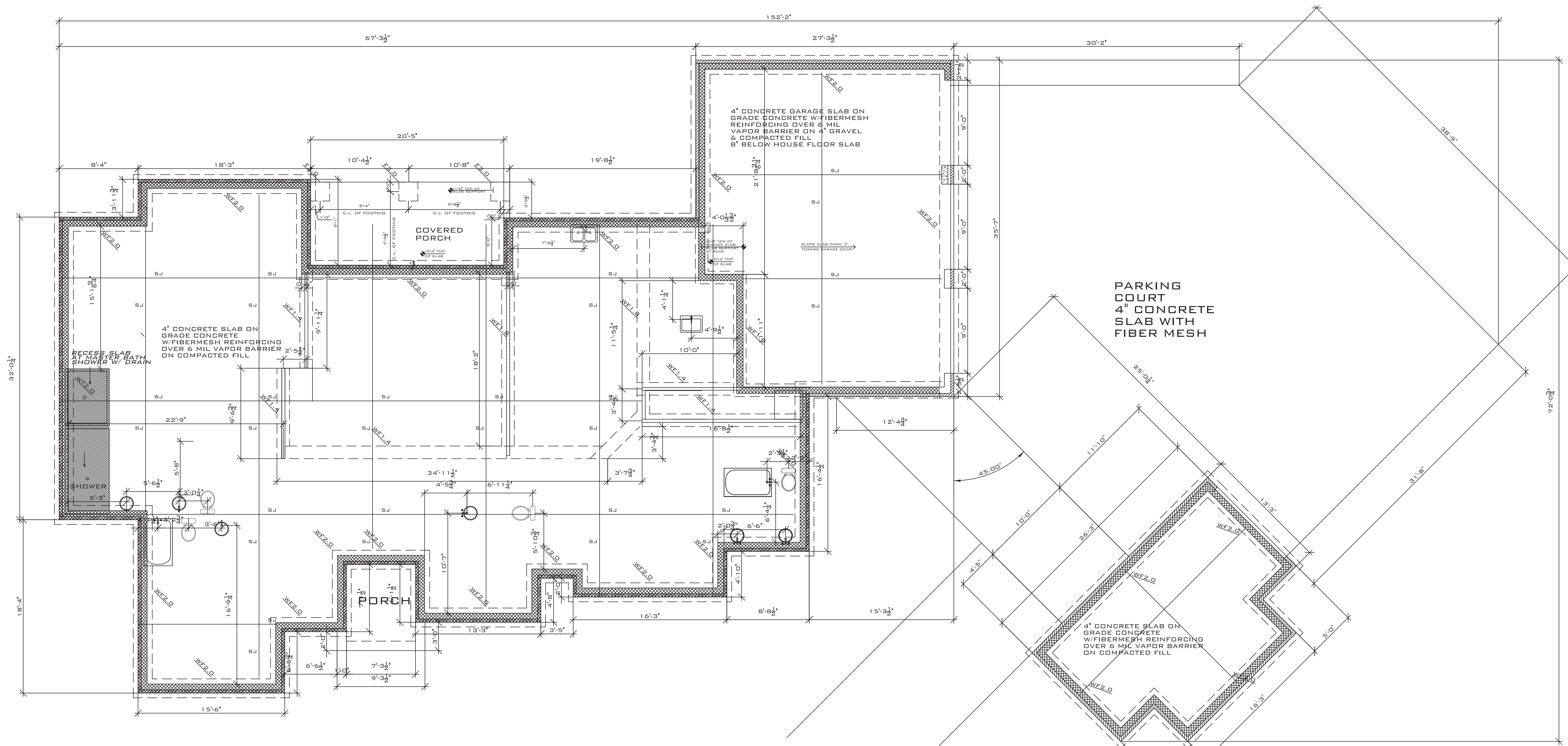
DRAWING TITLE
 STRUCTURAL NOTES

DRAWN BY: JRR
 CHECKED BY: JRR

SCALE: AS SHOWN
 DATE: 12.05.21

PROJECT SHEET
 IN021412 S1

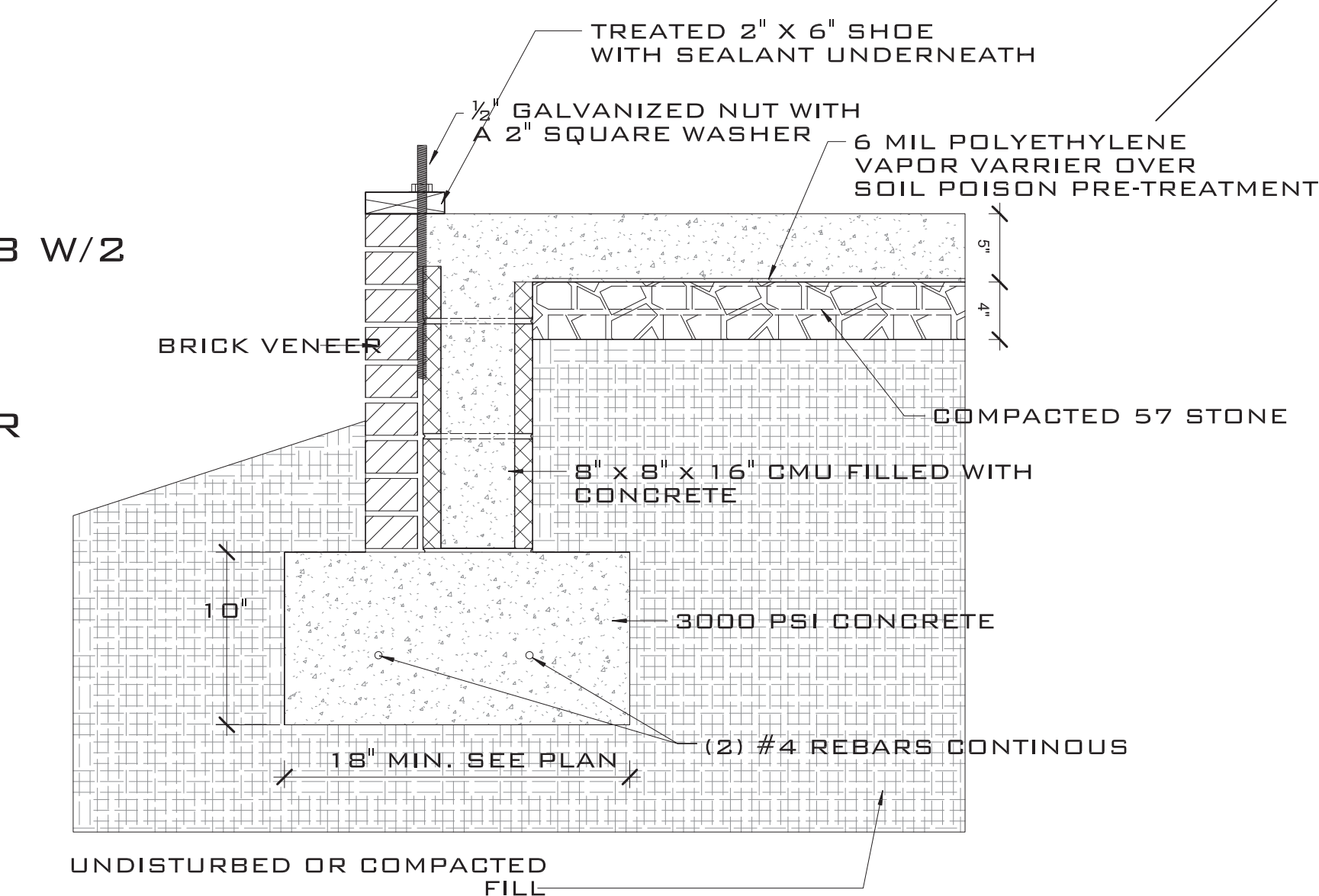
MARK	DATE	REVISION



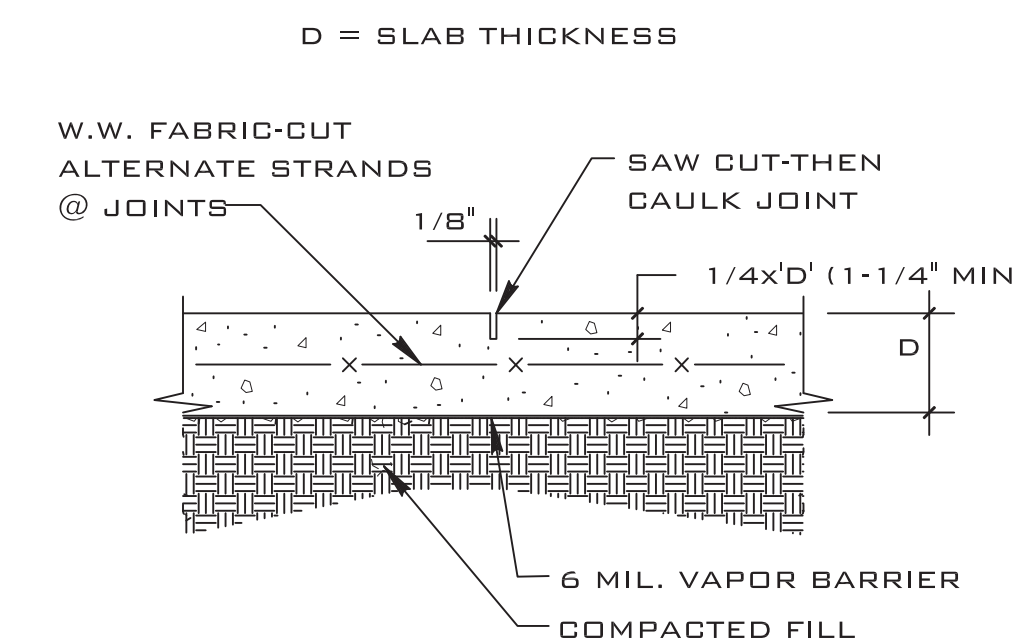
FOUNDATION PLAN

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

1. LIVE LOAD 40 PSF
2. WF2.0 - 24" WX 10"D W/ 2 #4 CONT.
3. WF1.8 - 20" X 10"D W/ 2 #4 CONT.
4. WF1.4 - 16" WX 12"D THICKENED SLAB W/ 2 #5 CONT.
5. F2.0 - 24" X 24" X 16" W/ 3 #5 EW
6. FO.8 8" THICKENED SLAB
7. BALLOON FRAMED WALLS (EXTERIOR WALL OVER 15') TO BE (2) 2X6 @ 12" OC
8. ROOF TRUSS FRAMING BY OTHERS



3 TYPICAL WALL FOOTING DETAIL
 SCALE: NTS



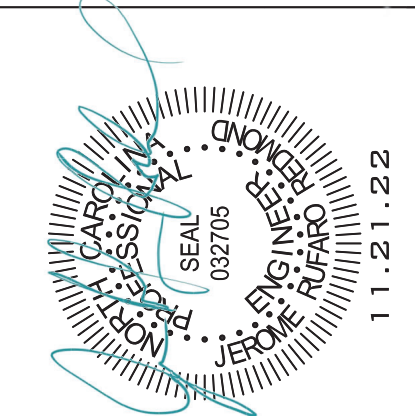
PROVIDE CONTROL JOINTS BETWEEN CONSTRUCTION JOINTS WITH SPACING NOT TO EXCEED IN FEET 3 TIMES THE SLAB THICKNESS IN EACH DIRECTION. CONTROL JOINTS TO BE FORMED WHILE CONCRETE IS STILL PLASTIC OR SAW CUT WITHIN 8 HOURS OF PLACING CONCRETE.

D1A DET SAWED CONTROL JOINT (S.J.)

MARK	DATE	REVISION

THESE PLANS AND SPECIFICATIONS ARE FOR INFORMATION ONLY. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REGULATIONS. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL DIMENSIONS AND CONDITIONS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REGULATIONS. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL DIMENSIONS AND CONDITIONS.

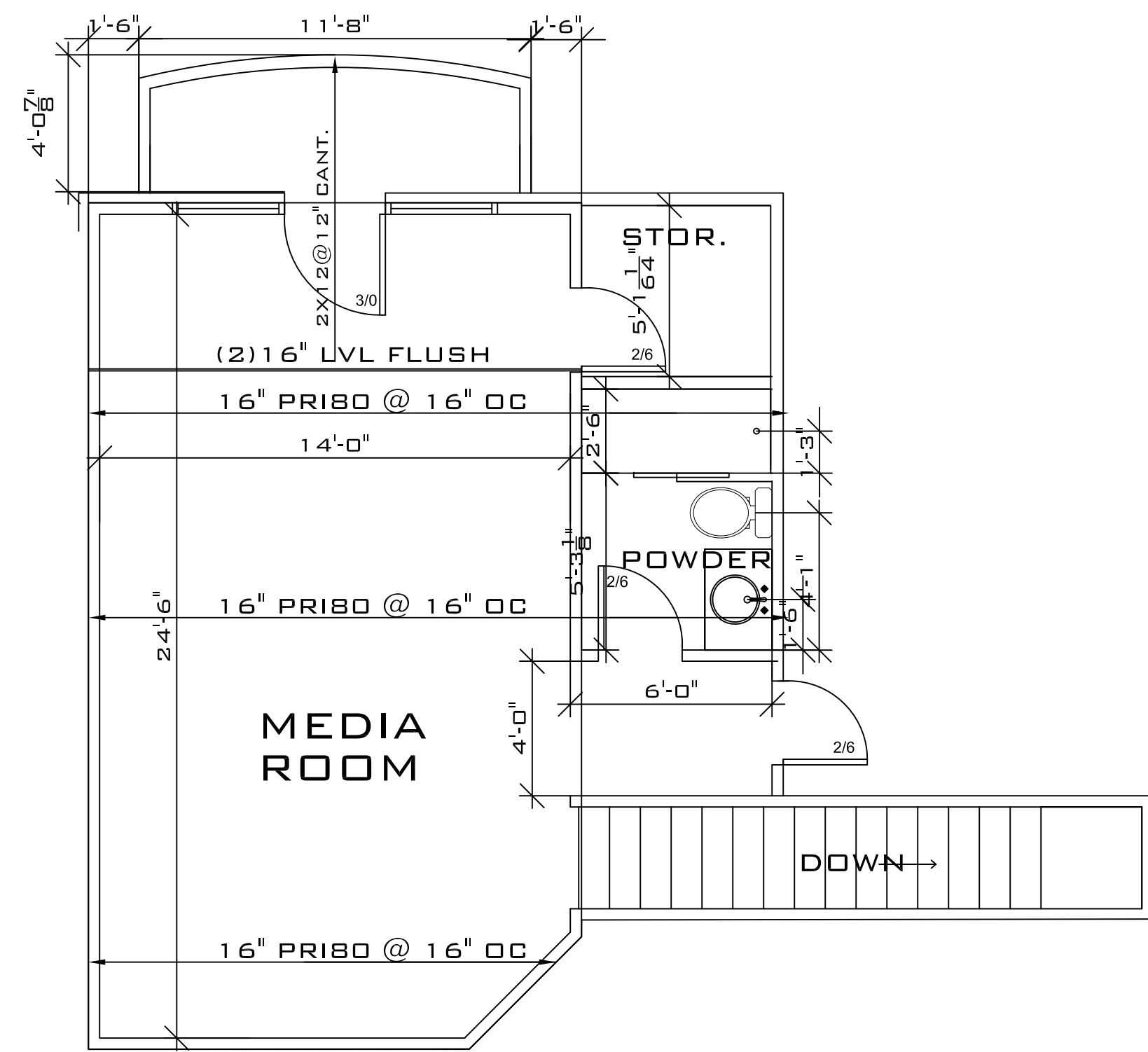
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HARNETT COUNTY, NC

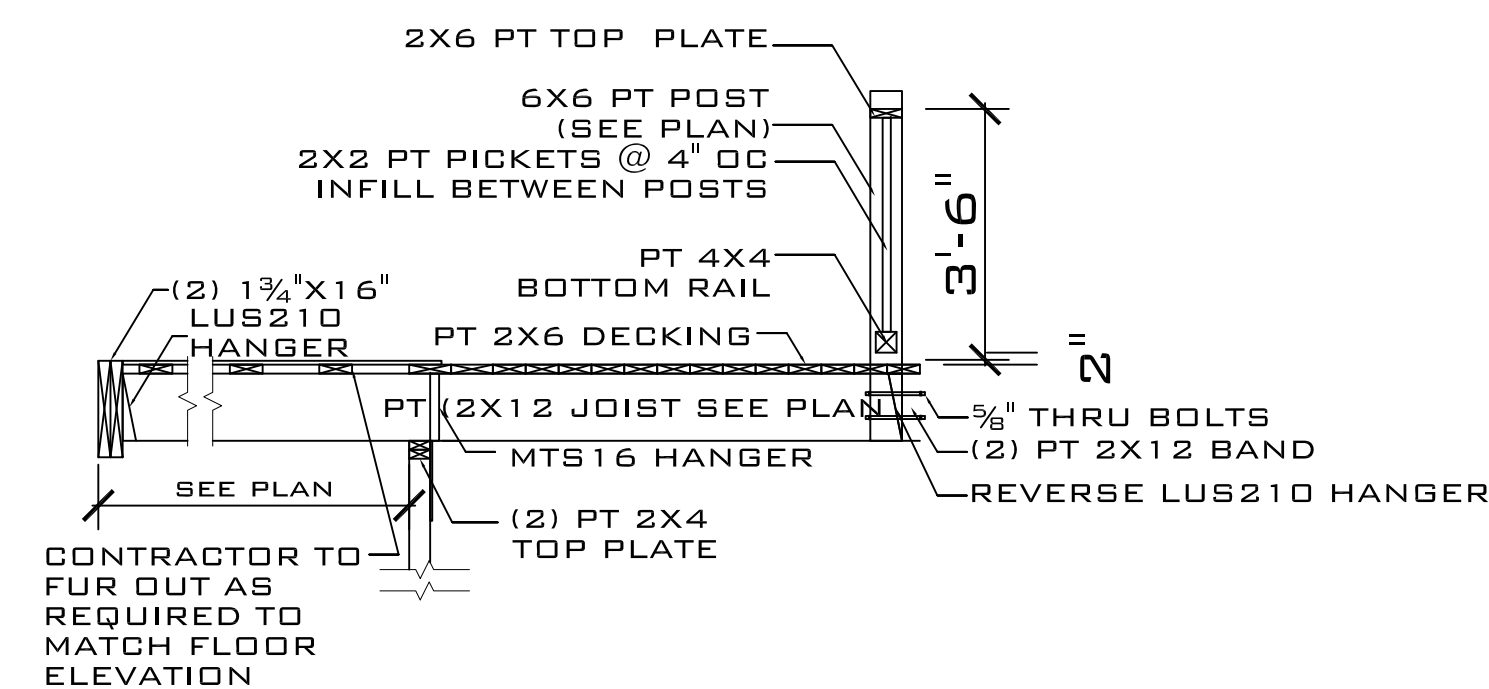
DRAWING TITLE
 FOUNDATION PLAN
 AND DETAILS

DRAWN BY: JRR
 CHECKED BY: JRR
 SCALE: AS SHOWN
 DATE: 12.05.21
 PROJECT SHEET
 IN021412 **S2**

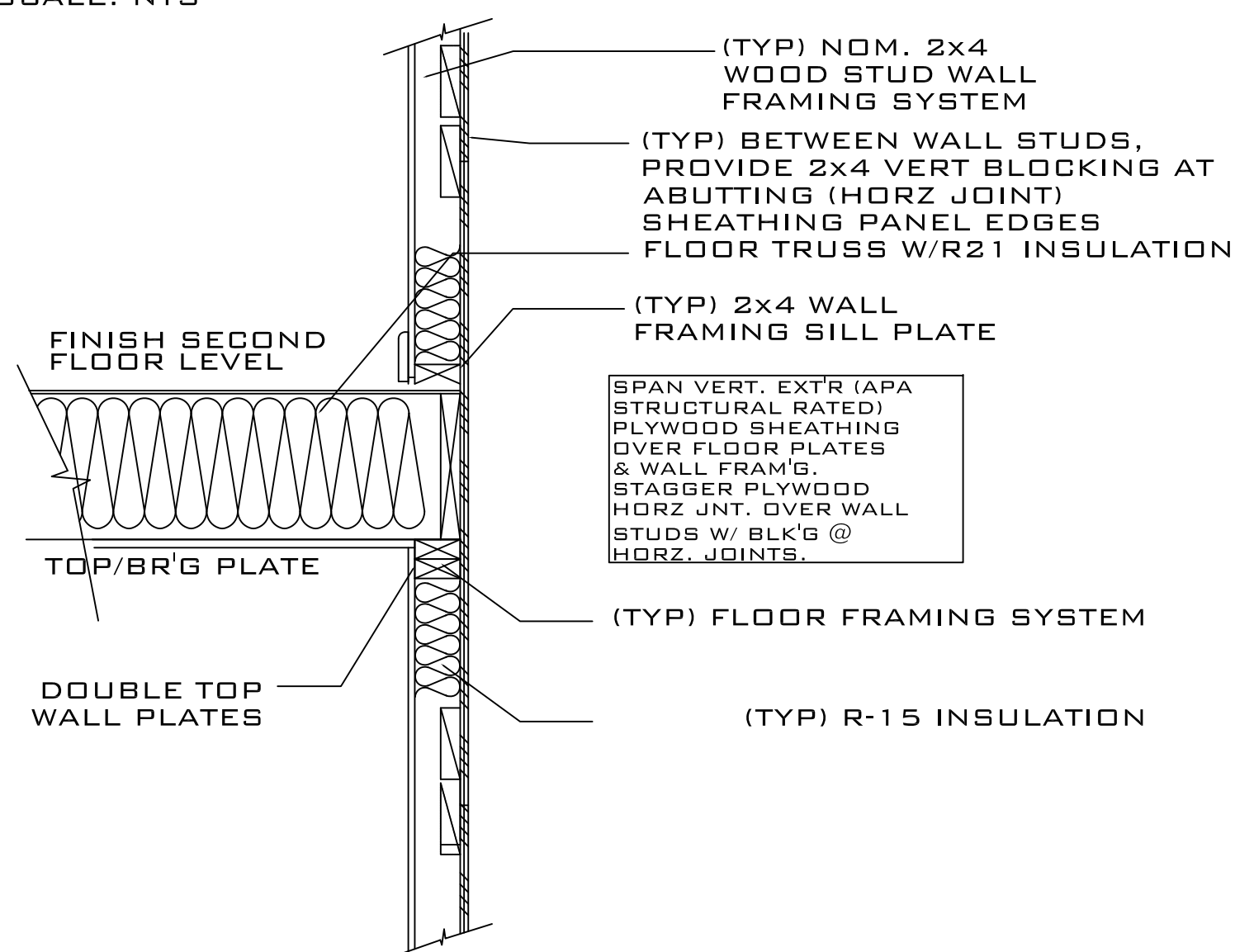


2ND FLOOR PLAN

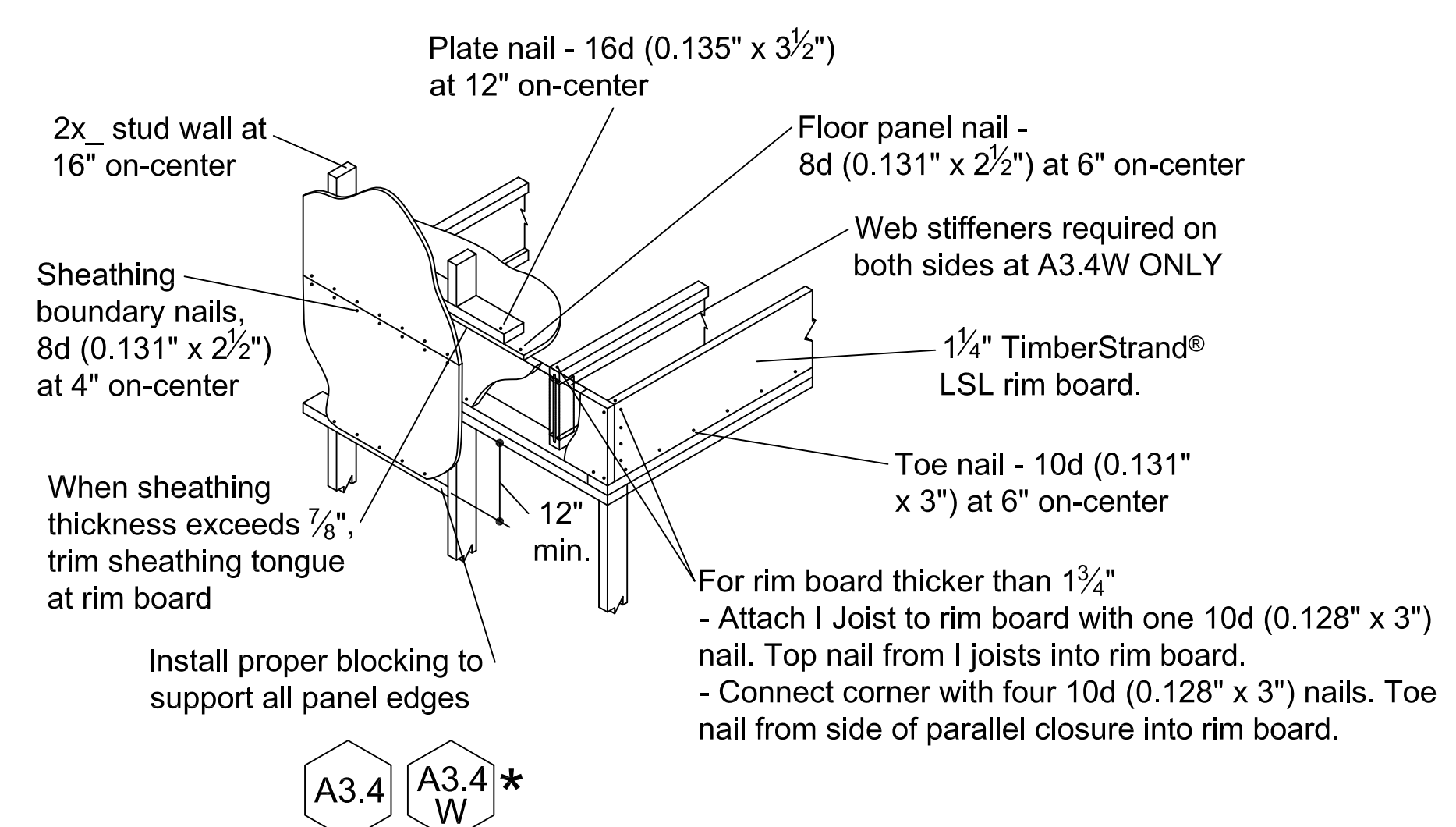
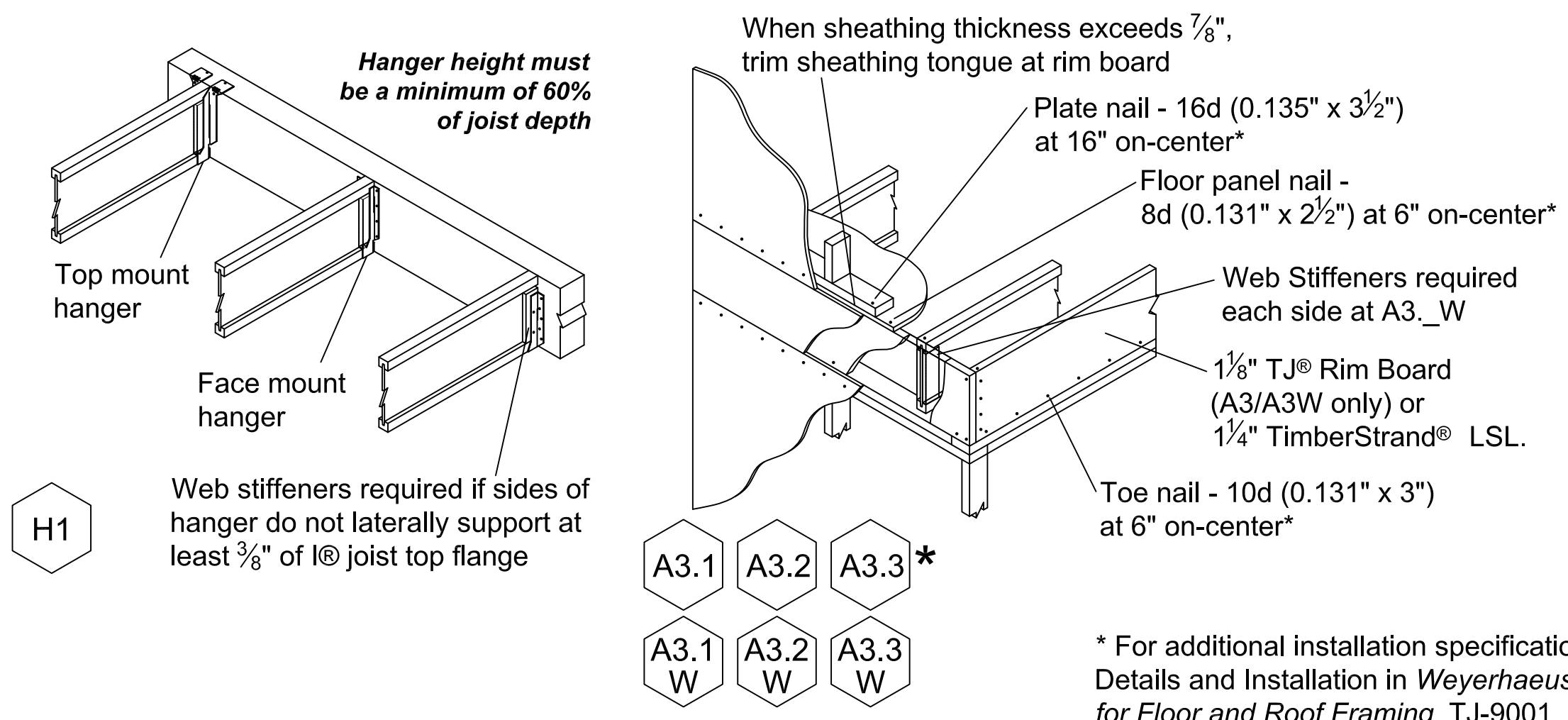
SCALE: 1/4" = 1'-0"



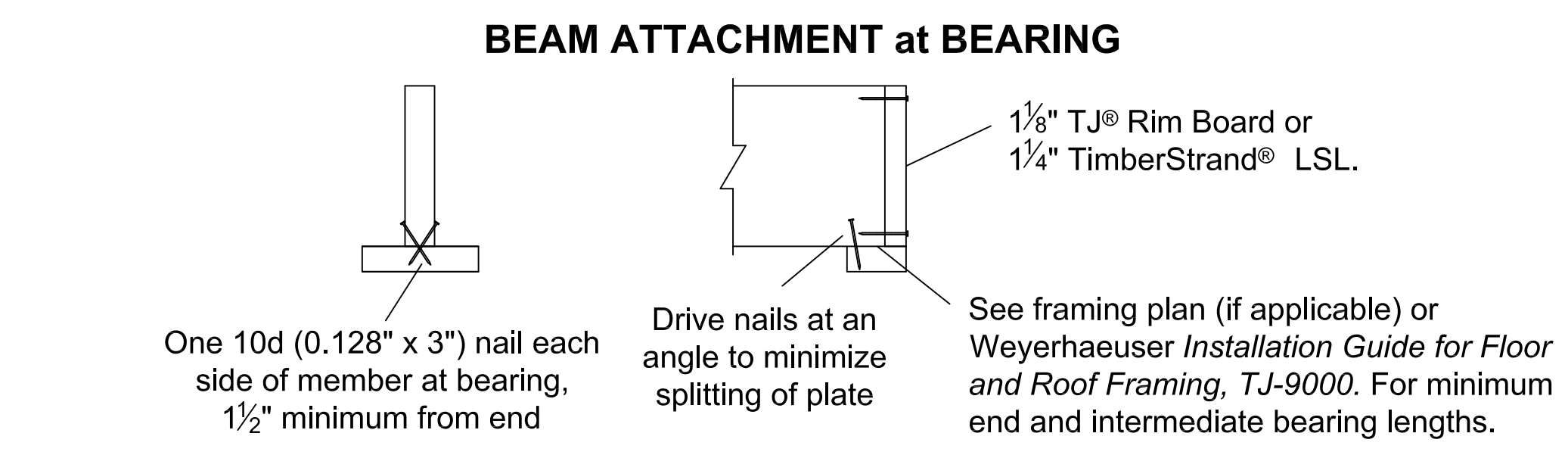
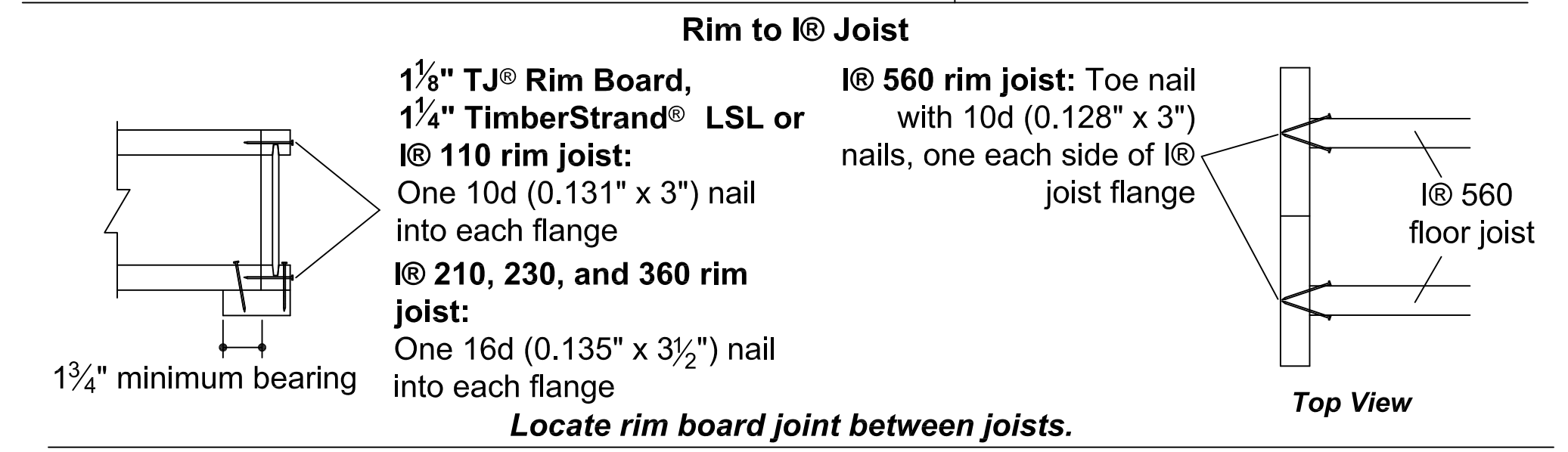
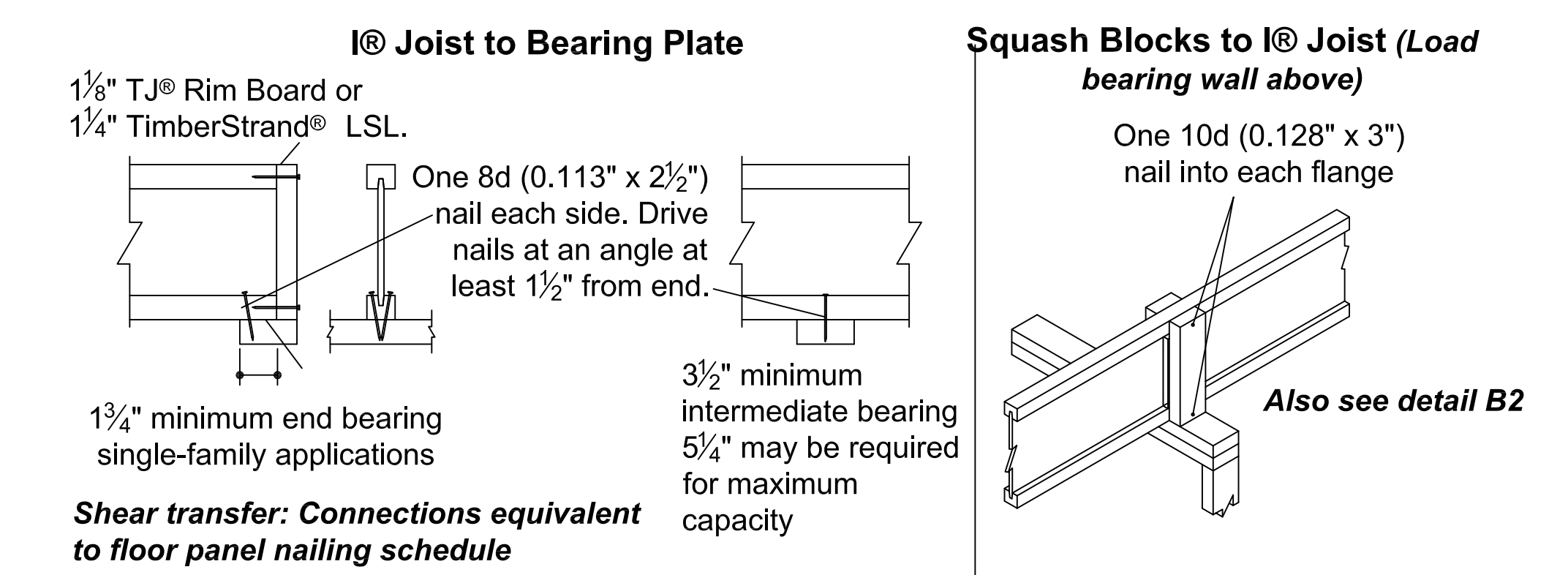
C CANTILEVER FRAMING SECTION
SCALE: NTS



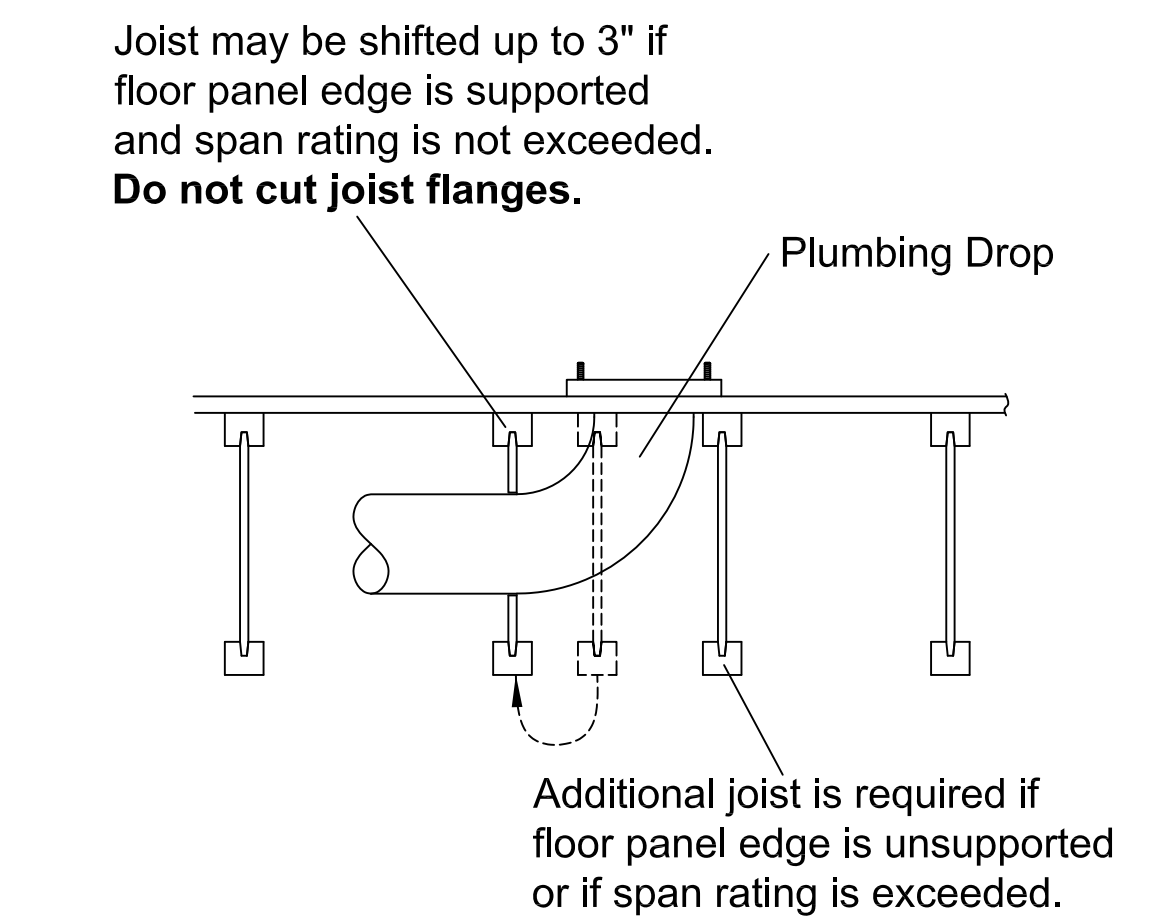
D TYPICAL 2ND FLOOR FRAMING
SCALE: NTS



NAILING AT BEARING (FLOOR)

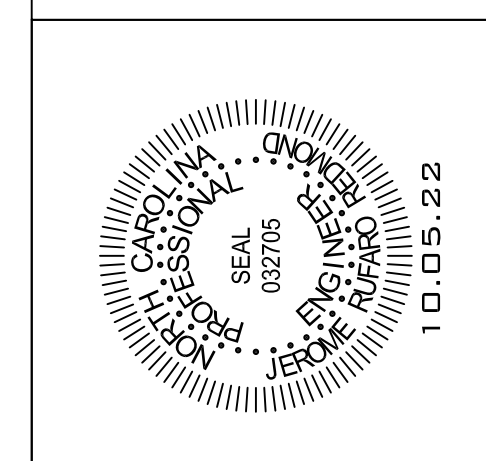


* For additional installation specifications see Rim Board Details and Installation in *Weyerhaeuser Installation Guide for Floor and Roof Framing, TJ-9001*.



- #### INSTALLATION TIPS
- Subfloor adhesive will improve floor performance, but may not be required.
 - Squash blocks and blocking panels carry stacked vertical loads (details B1 and B2). Packing out the web of a I@ joist (with web stiffeners) is not a substitute for squash blocks or blocking panels.
 - When joists are doubled at non-load bearing parallel partitions, space joists apart the width of the wall for plumbing or HVAC.
 - Additional joist at plumbing drop (see detail).

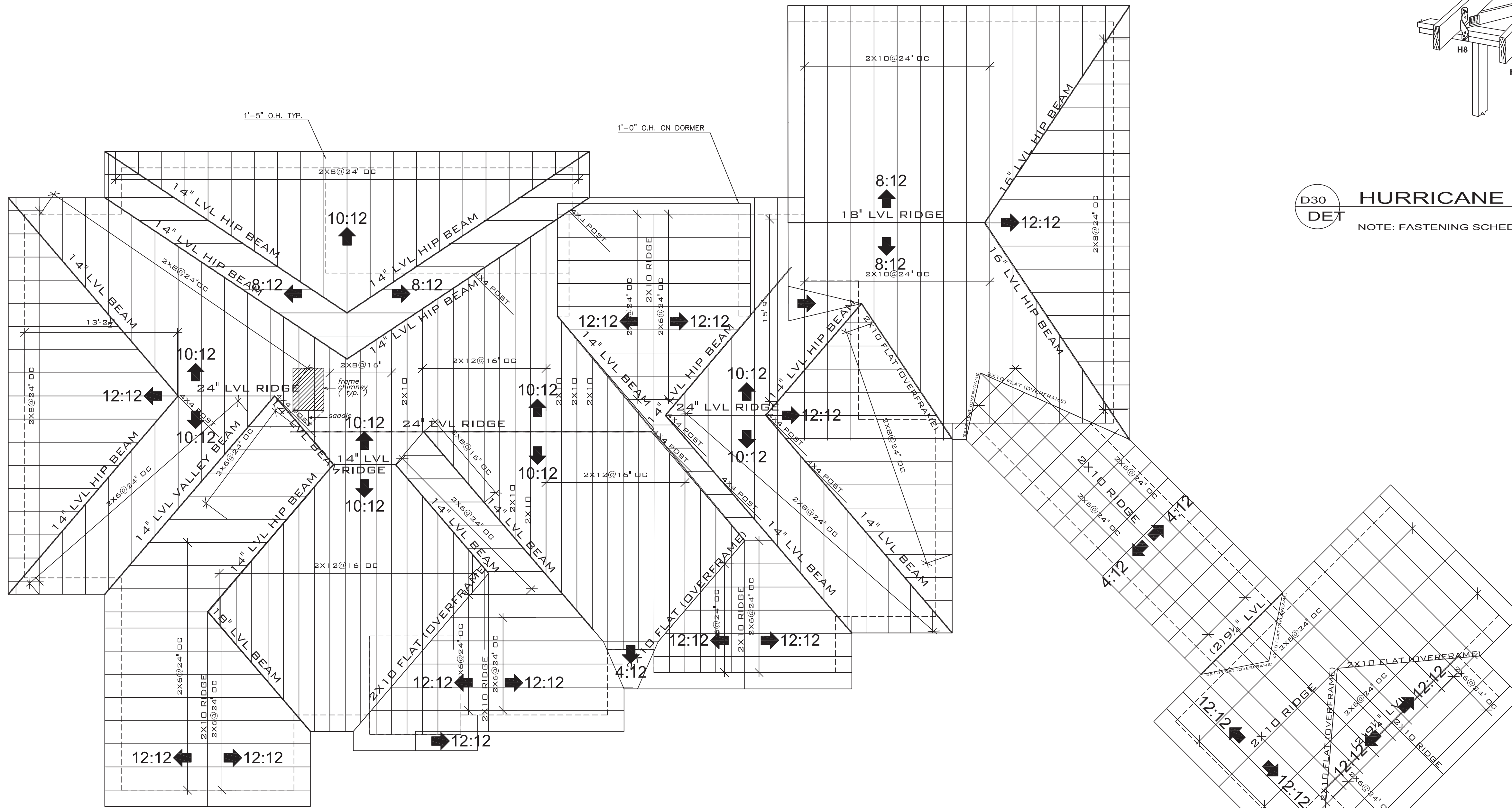
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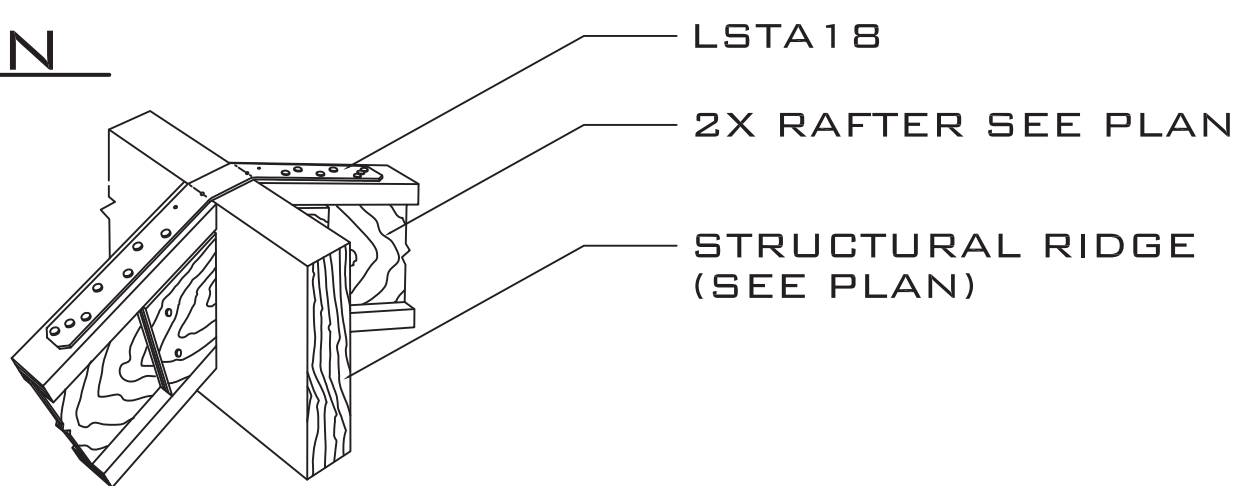
**FINOL NEW RESIDENCE
HARNETT COUNTY, NC**

DRAWING TITLE	
FRAMING PLAN	
2ND FLOOR	
I JOIST DETAILS	
DRAWN BY:	JRR
CHECKED BY:	JRR
SCALE:	AS SHOWN
DATE:	12.05.21
PROJECT	SHEET
IN021412	S3

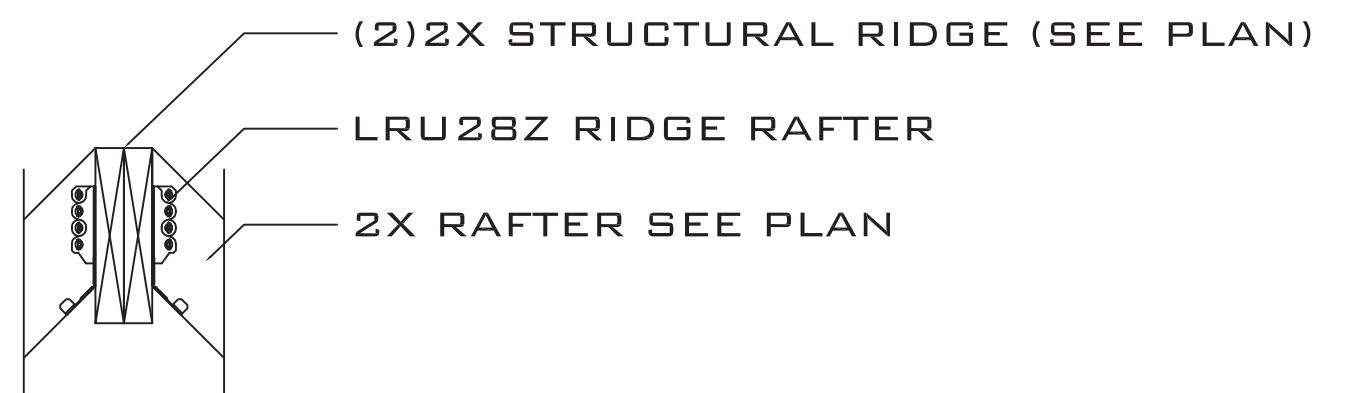
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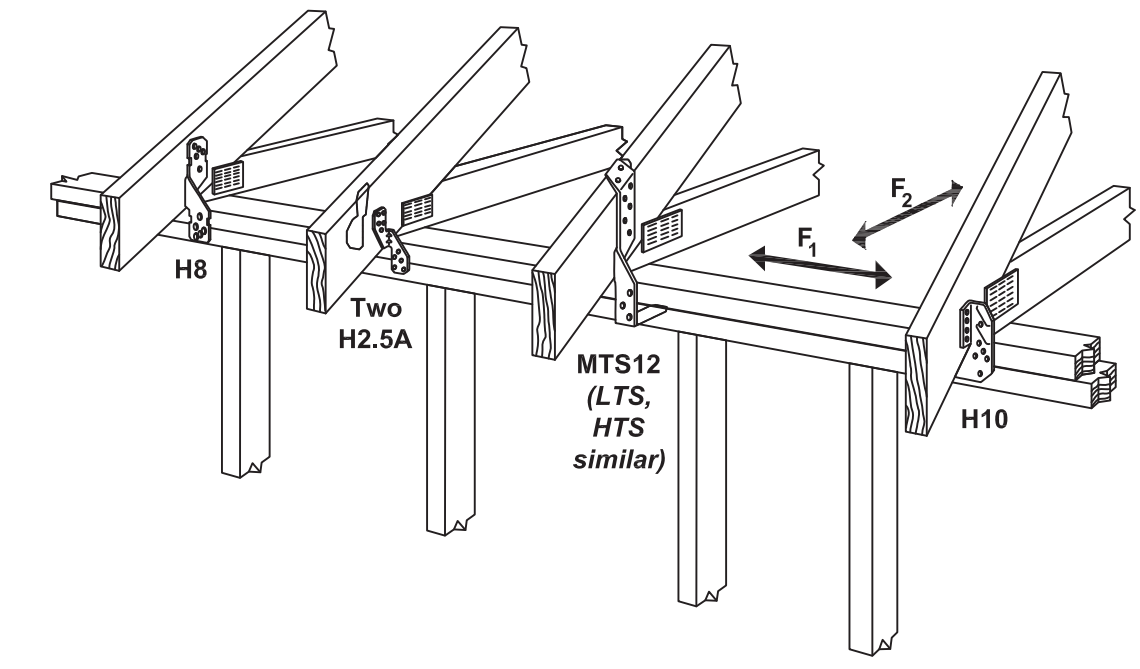
ROOF FRAMING LAYOUT PLAN
SCALE: 3/16" = 1'-0"



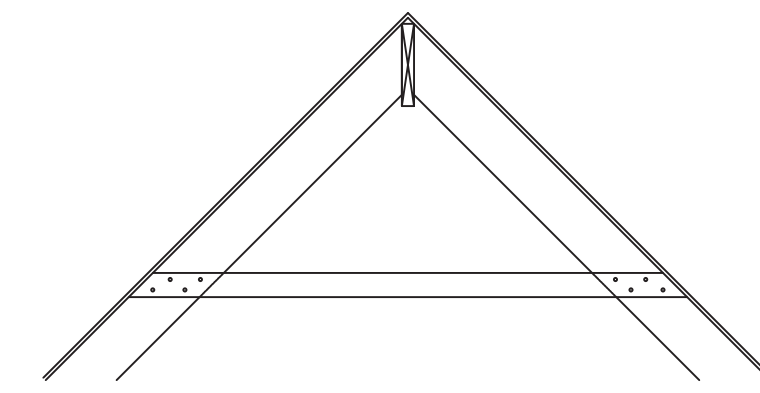
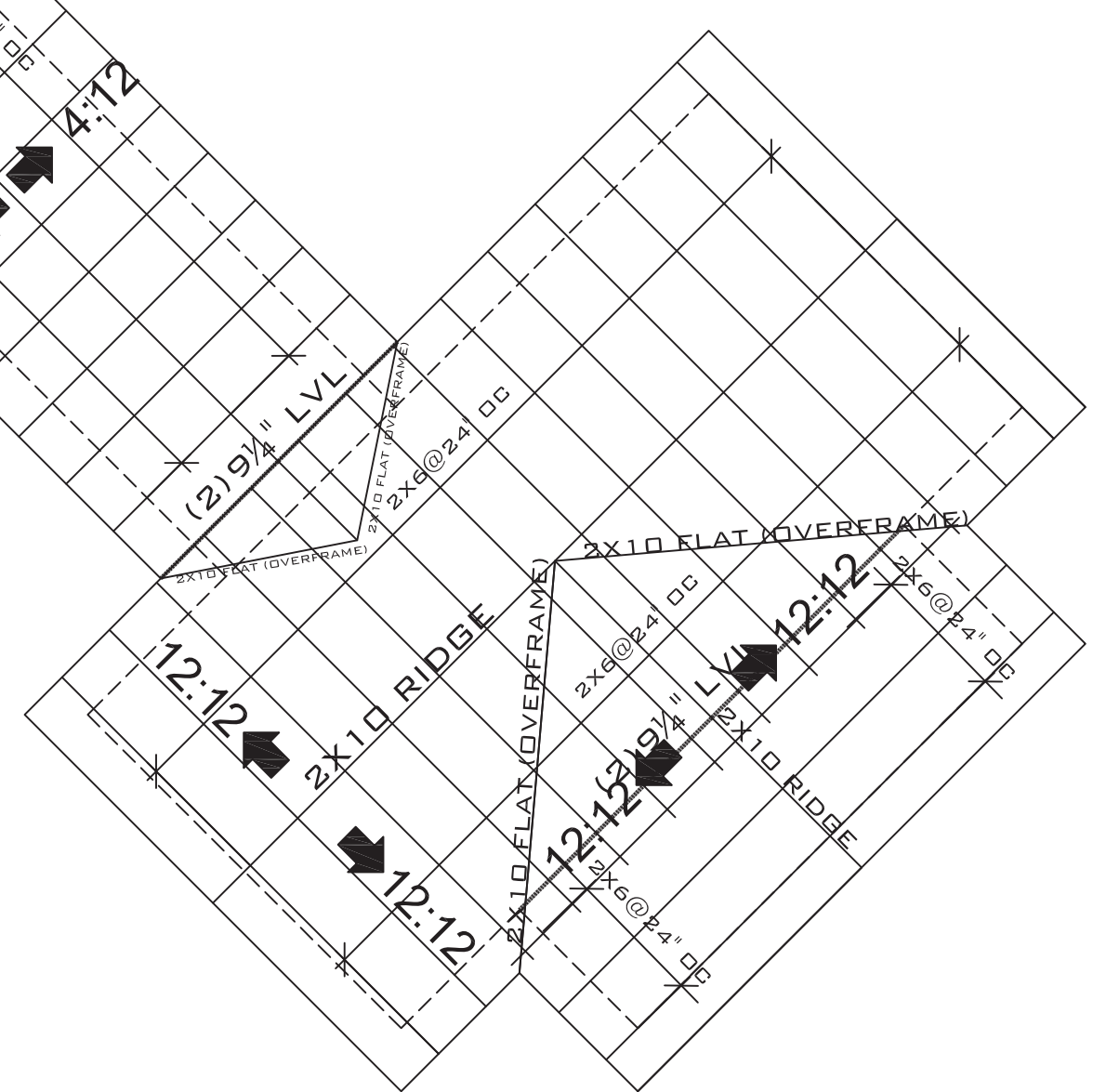
D31 STRUCTURAL RIDGE/RAFTER STRAP OPTION
DET NOTE: FASTENING SCHEDULE PER MANUFACTURER'S RECOMMENDATIONS



D32 STRUCTURAL RIDGE/RAFTER HANGER OPTION
DET NOTE: FASTENING SCHEDULE PER MANUFACTURER'S RECOMMENDATIONS



D30 HURRICANE TIE OPTIONS
NOTE: FASTENING SCHEDULE PER MANUFACTURER'S RECOMMENDATIONS

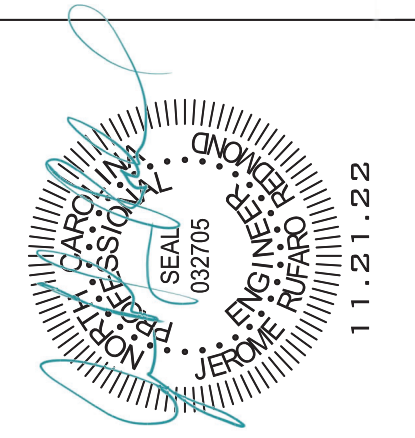


INSTALL 2X6 COLLAR TIES TO EVERY OTHER RAFTER WITH (4) 10D NAILS EACH END. LOCATE COLLAR TIES IN THE UPPER THIRD OF THE ROOF.

COLLAR TIE DETAIL
SCALE: NTS

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FINOL NEW RESIDENCE
HARNETT COUNTY, NC

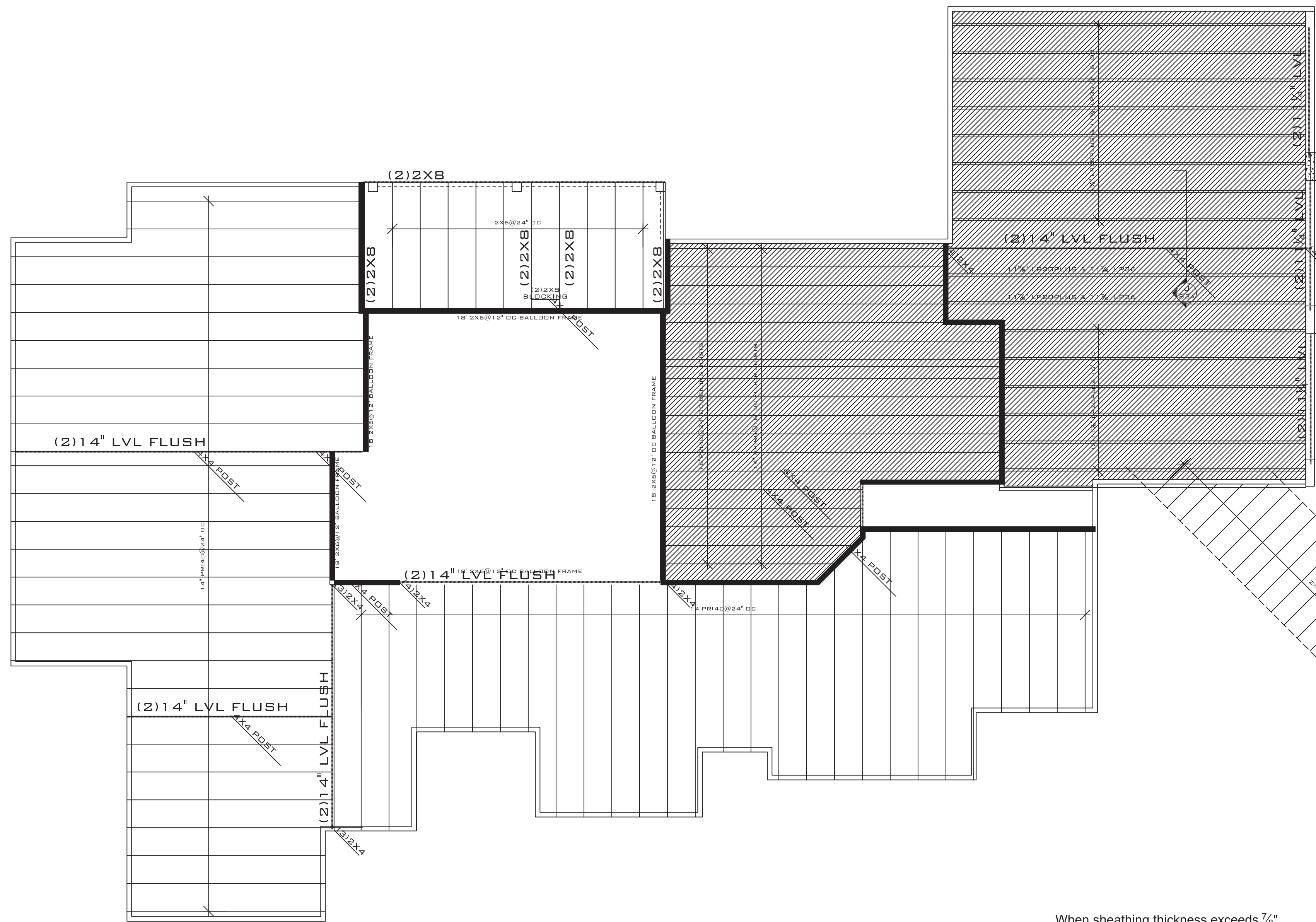
DRAWING TITLE
FRAMING PLAN
ROOF

DRAWN BY: JRR
CHECKED BY: JRR

SCALE: AS SHOWN
DATE: 12.05.21

PROJECT SHEET
IN021412 **S4**

MARK	DATE	REVISION



2ND FLOOR/CEILING FRAMING PLAN

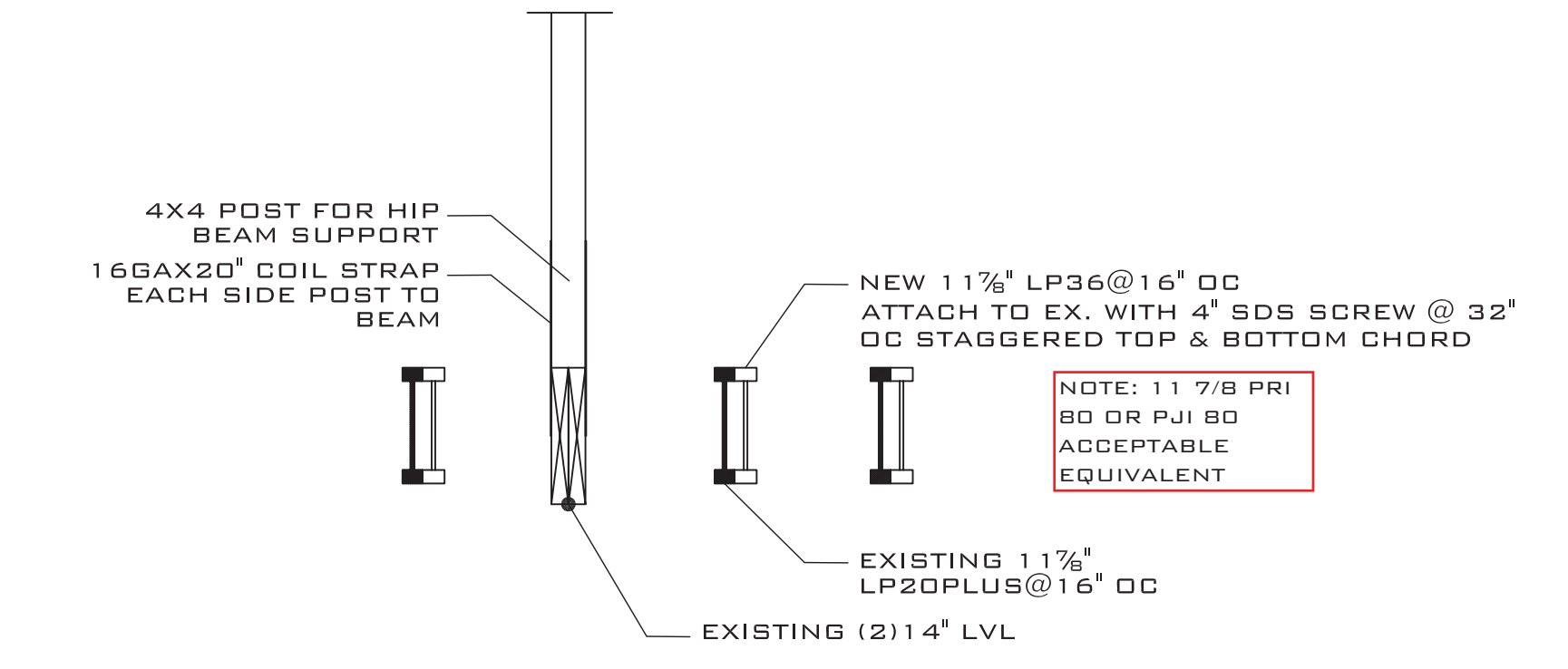
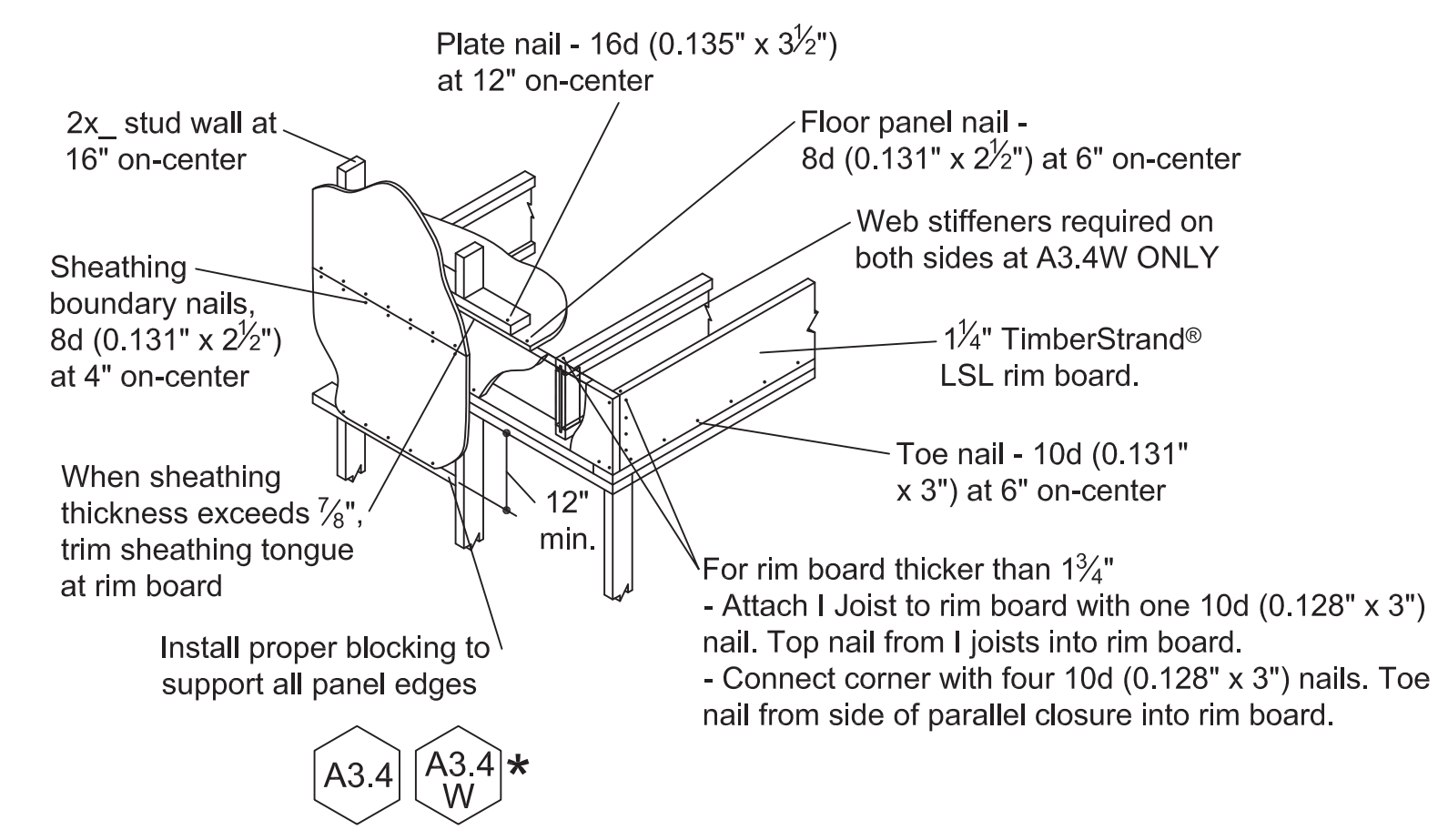
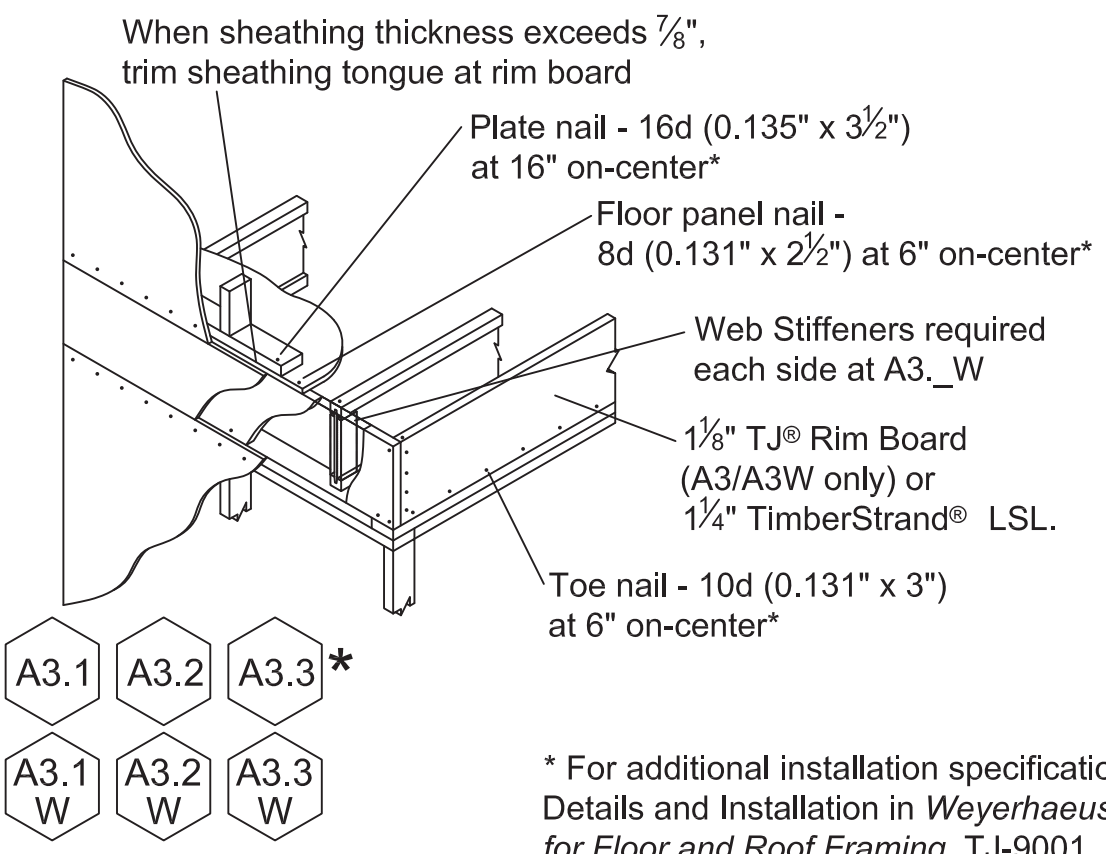
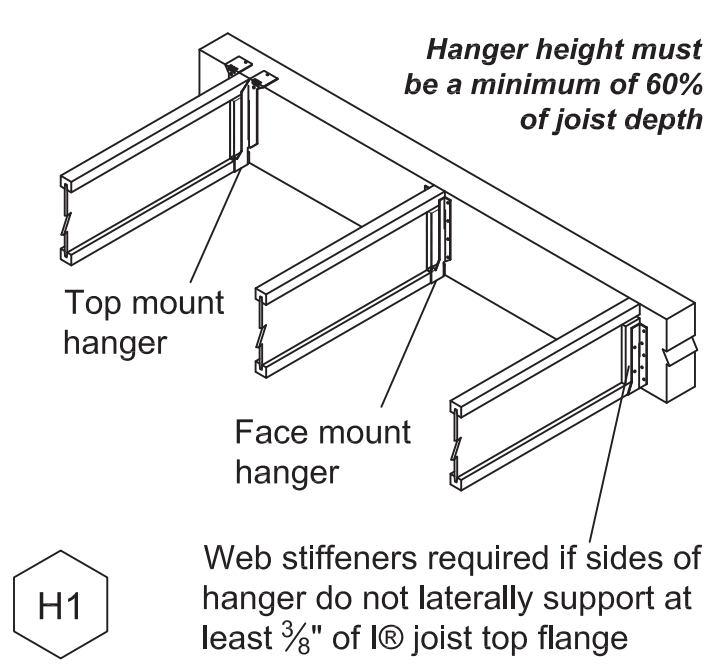
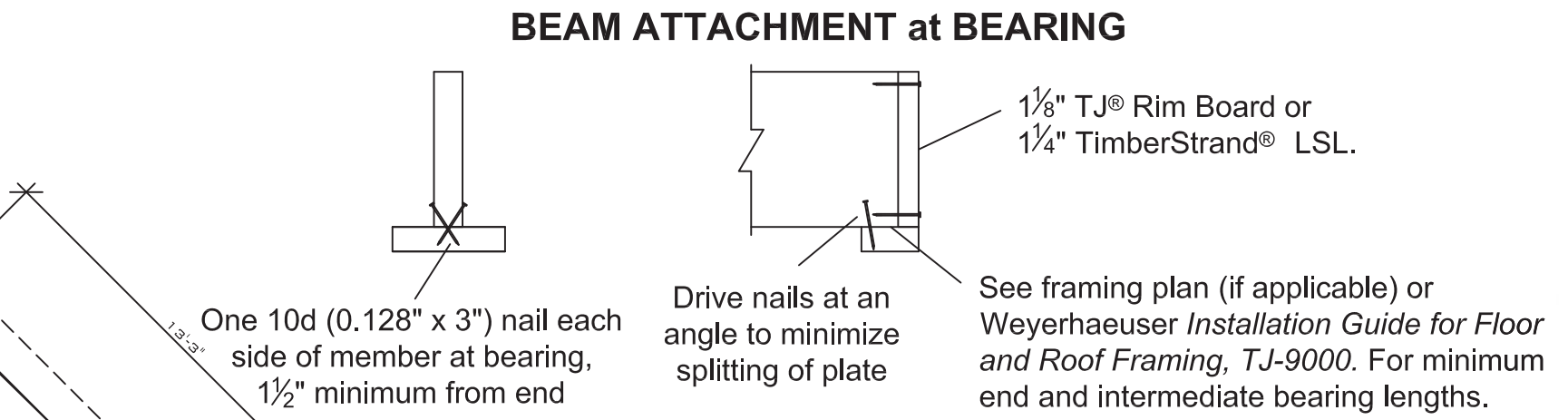
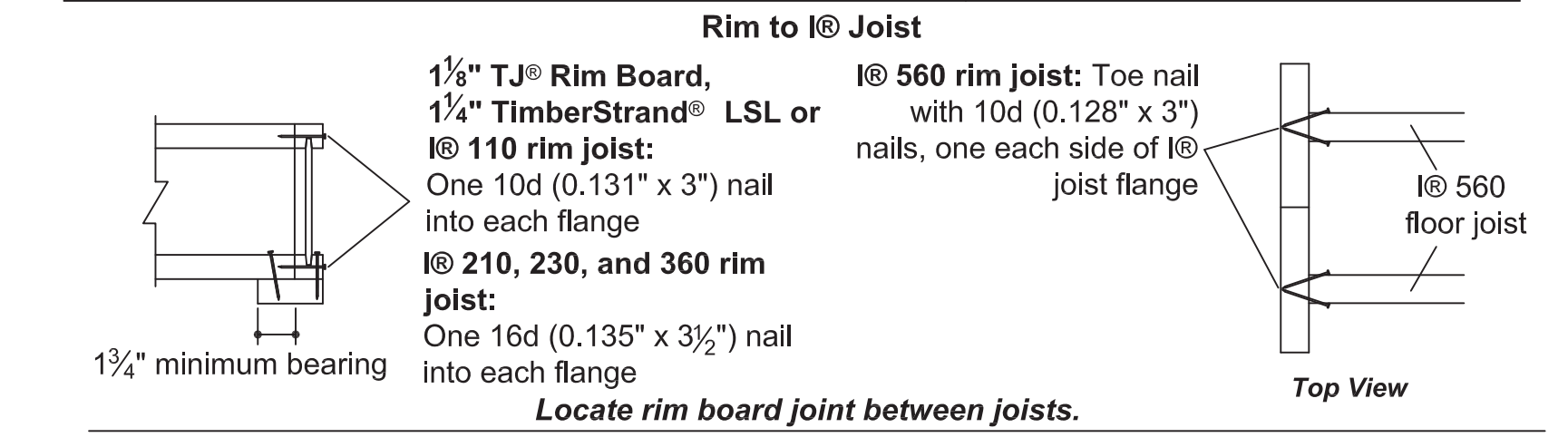
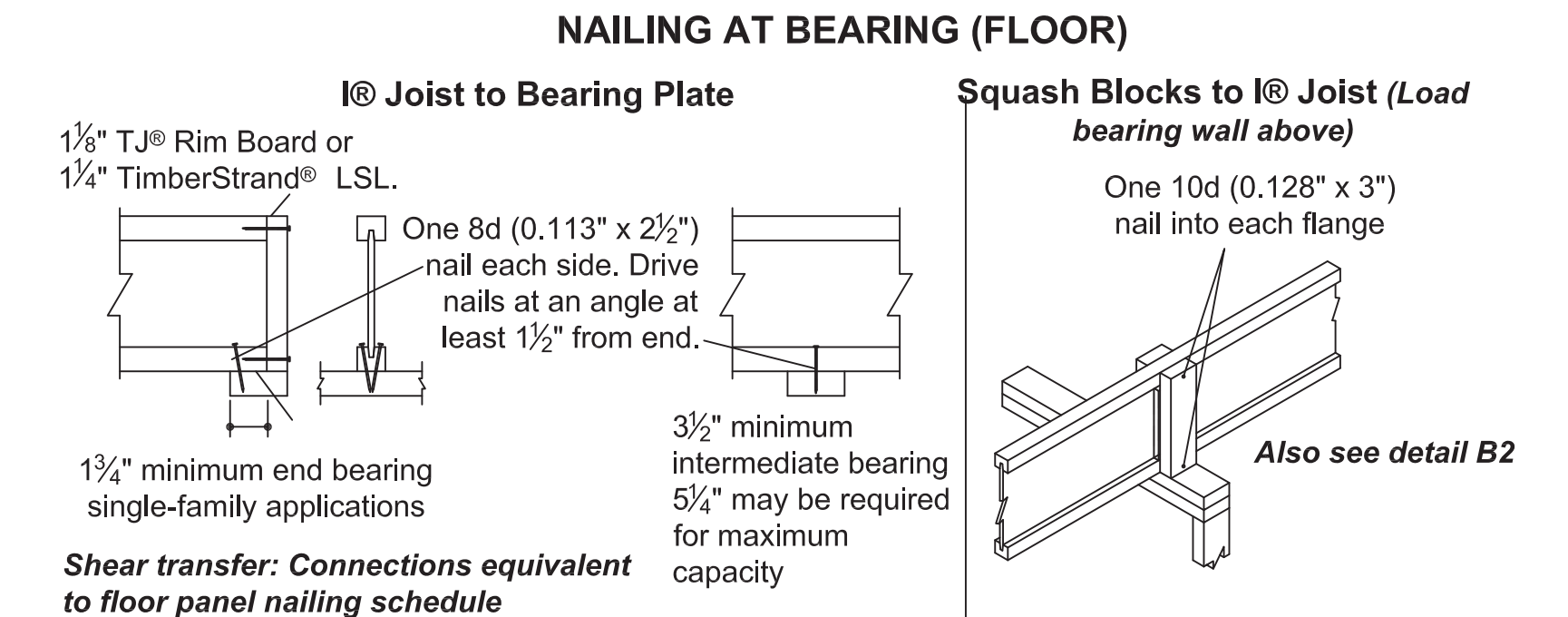
SCALE: 3/8" = 1'-0"

NOTES:

1. LIVE LOAD 10 PSF
2. ALL HEADERS TO BE (2)2X8 FOR 2X4 WALLS AND (3)2X8 FOR 2X6 WALLS UNO
3. PROVIDE DOUBLE STUD JACK SUPPORT FOR ALL HEADERS UNO

FLOOR LIVE LOAD 40 PSF

NOTE: 1 7/8 PRI BO OR PJI BO ACCEPTABLE EQUIVALENT



J I JOIST REINFORCING DETAIL
S3A SCALE: NTS

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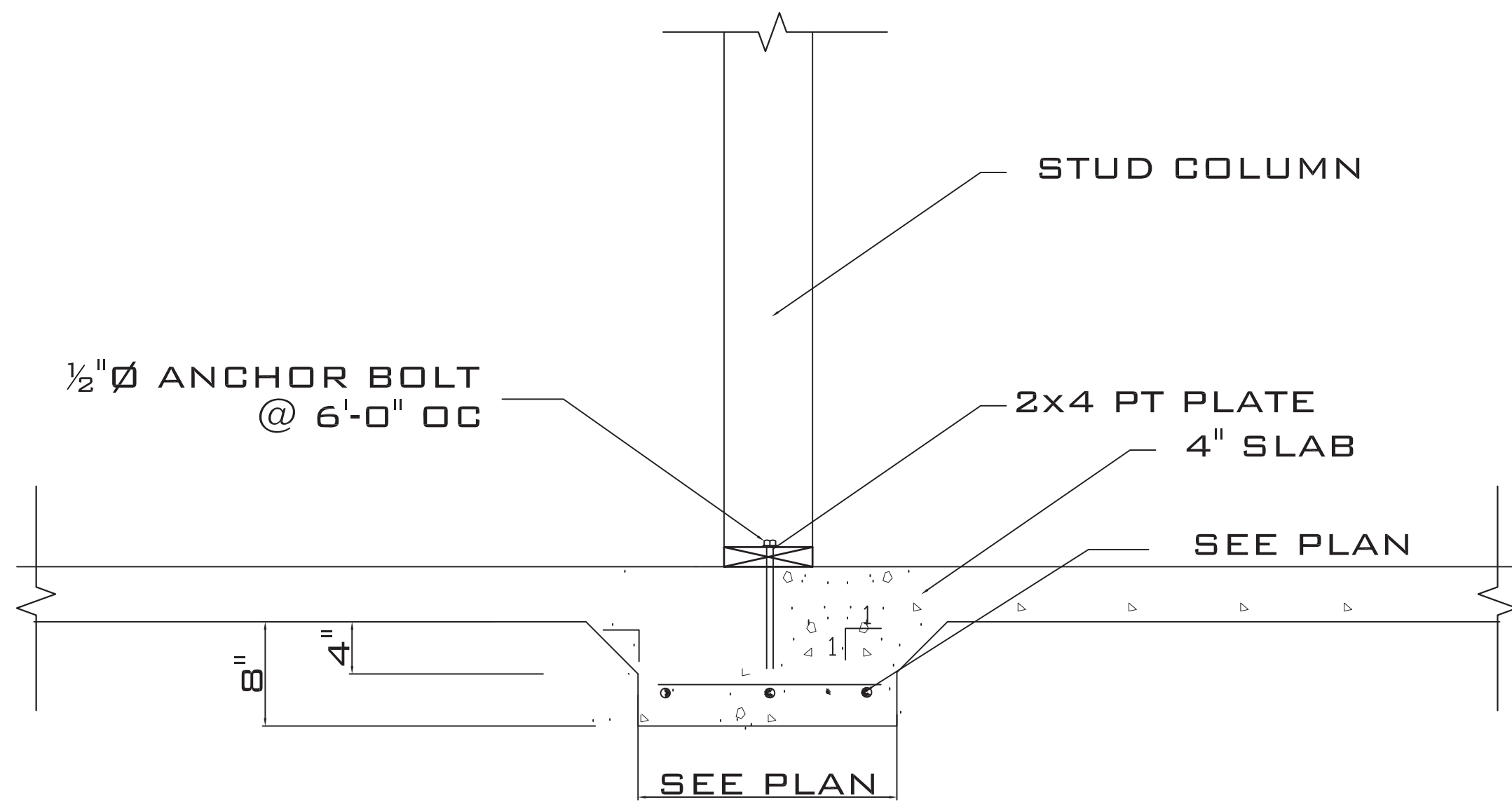
FINOL RESIDENCE
2165 CANE MILLS ROAD
COATS, NC

DRAWING TITLE
FRAMING PLAN
2ND FLOOR

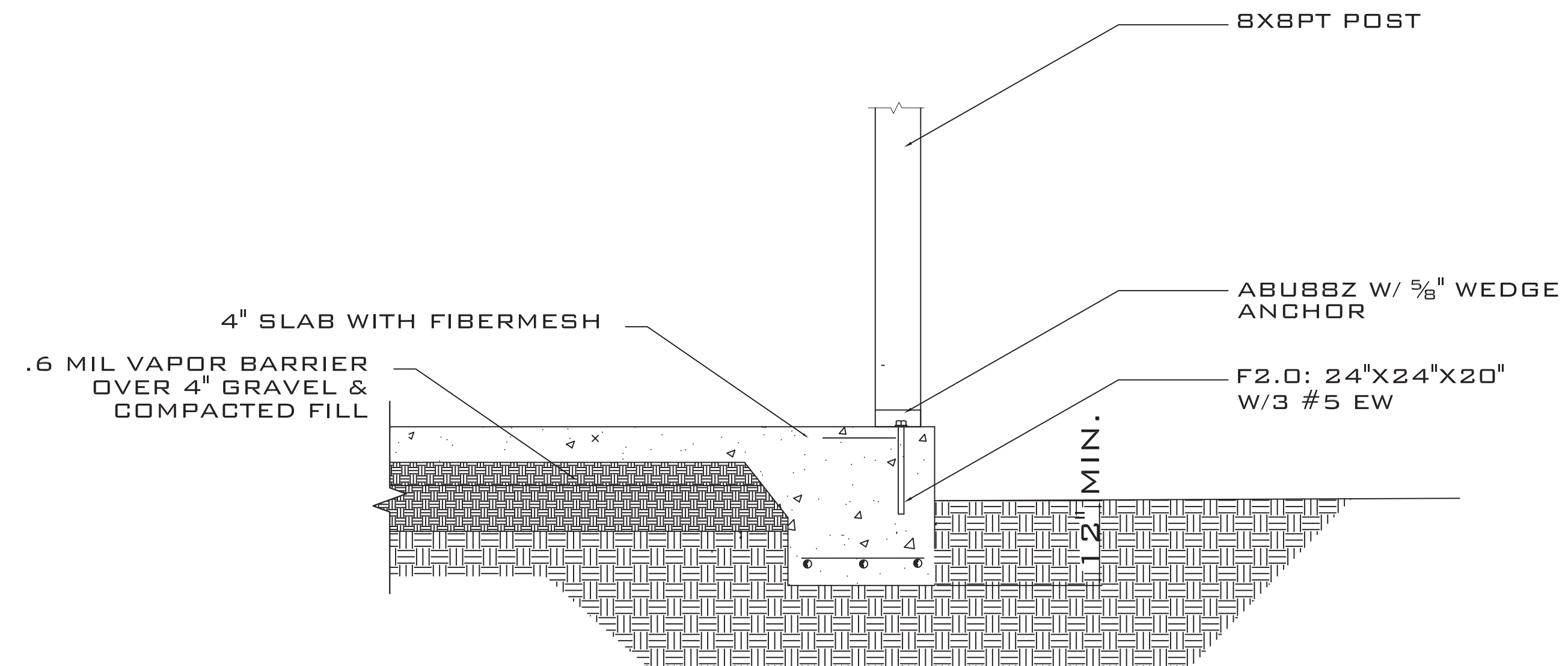
DRAWN BY: JRR
CHECKED BY: JRR

SCALE: AS SHOWN
DATE: 03.10.23

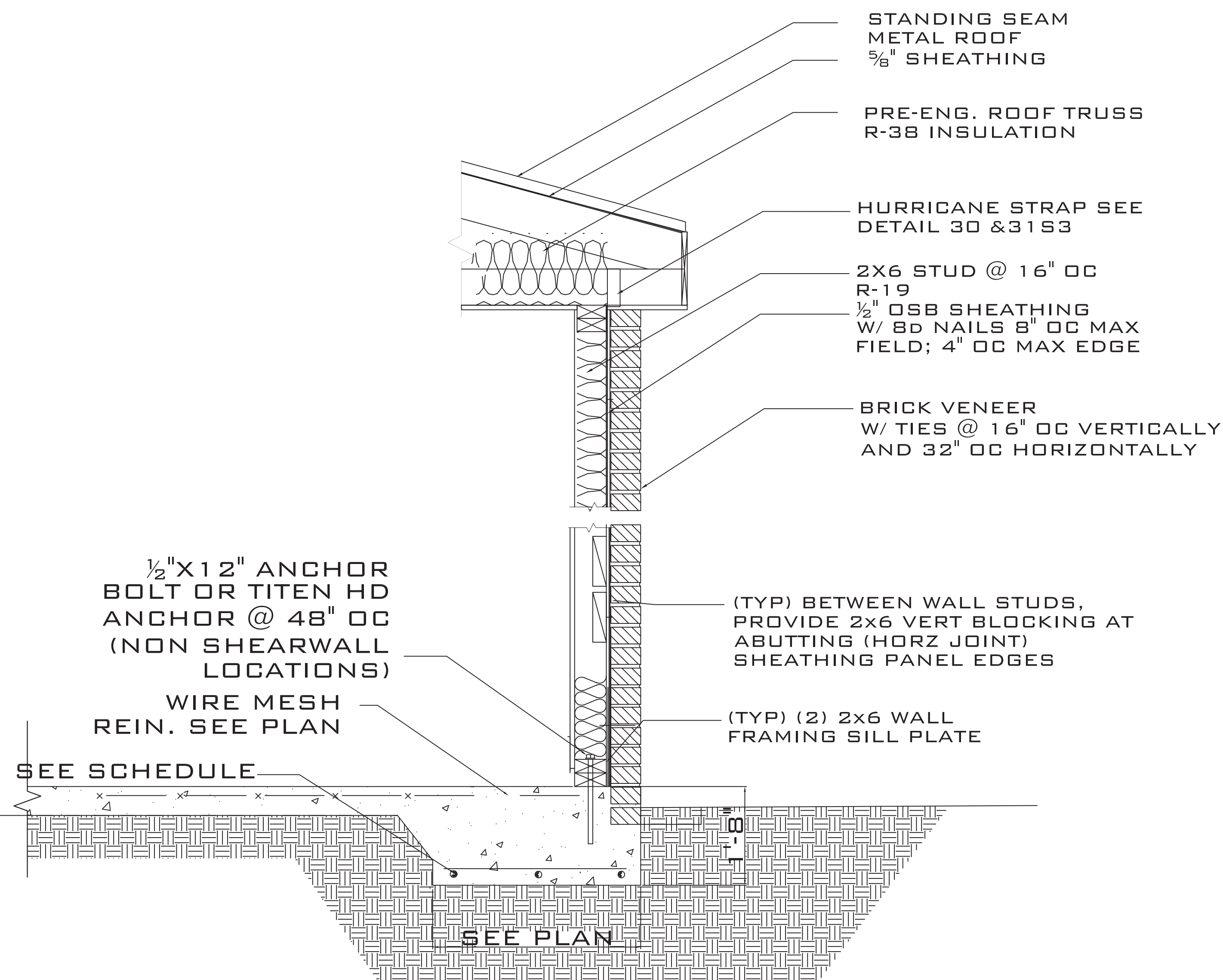
PROJECT SHEET
IN021412 **S3a**



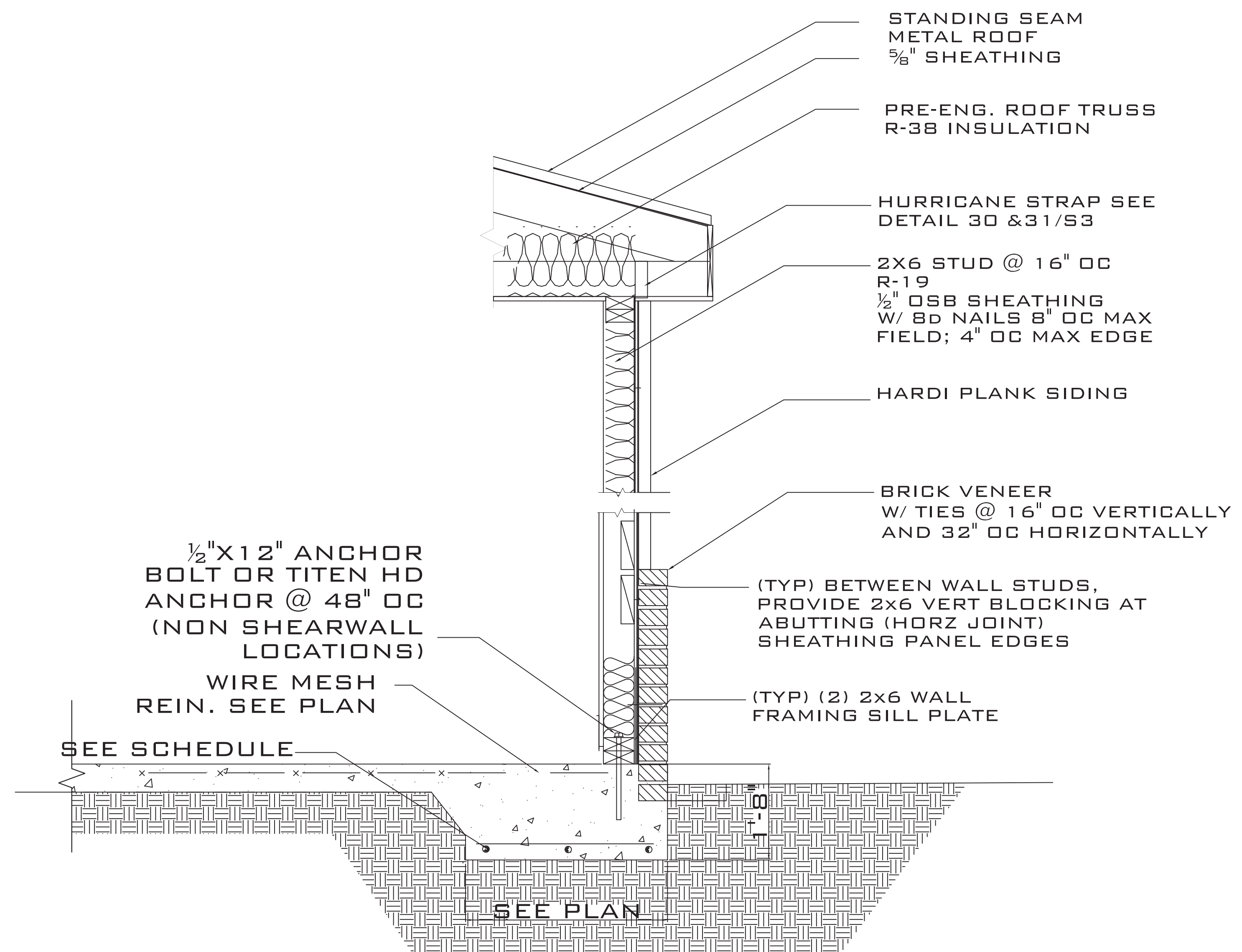
5 THICKENED SLAB
S5 SCALE: NTS



P TYPICAL POST SECTION
S5 SCALE: NTS

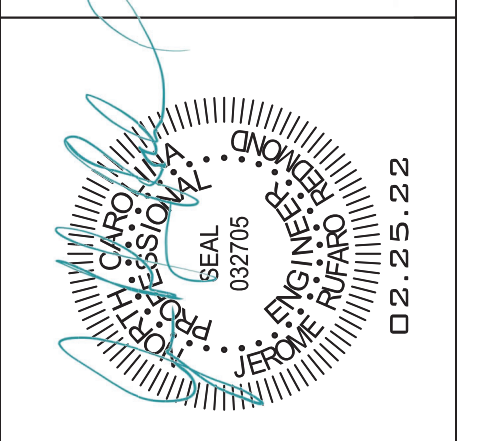


6 TYPICAL WALL SECTION
S55 SCALE: NTS



7 TYPICAL WALL SECTION
S5 SCALE: NTS

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**FINOL NEW RESIDENCE
HARNETT COUNTY, NC**

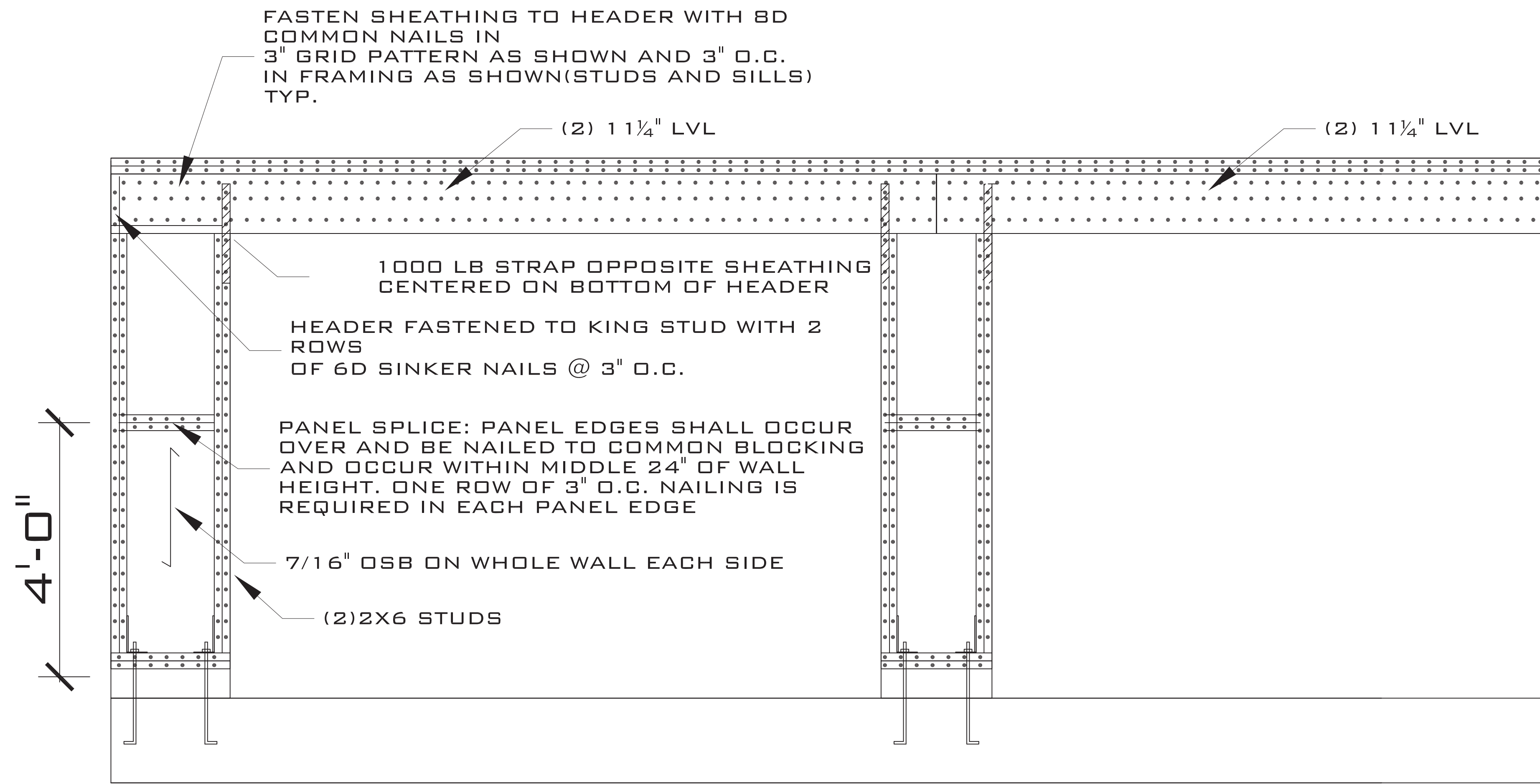
DRAWING TITLE
FRAMING DETAILS

DRAWN BY: JRR
CHECKED BY: JRR

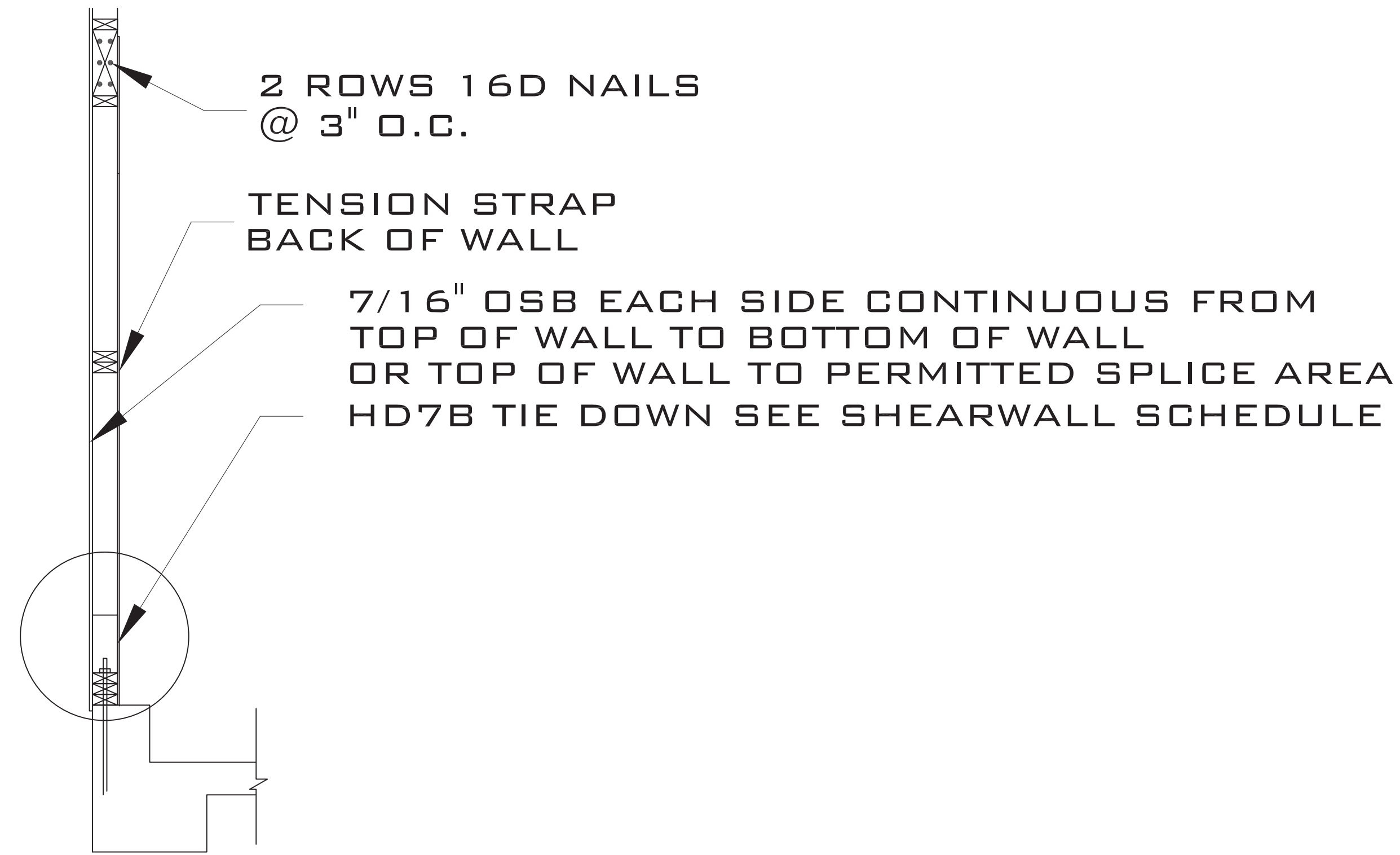
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DATE: 12.05.21

PROJECT SHEET
IN021412 S5

MARK	DATE	REVISION



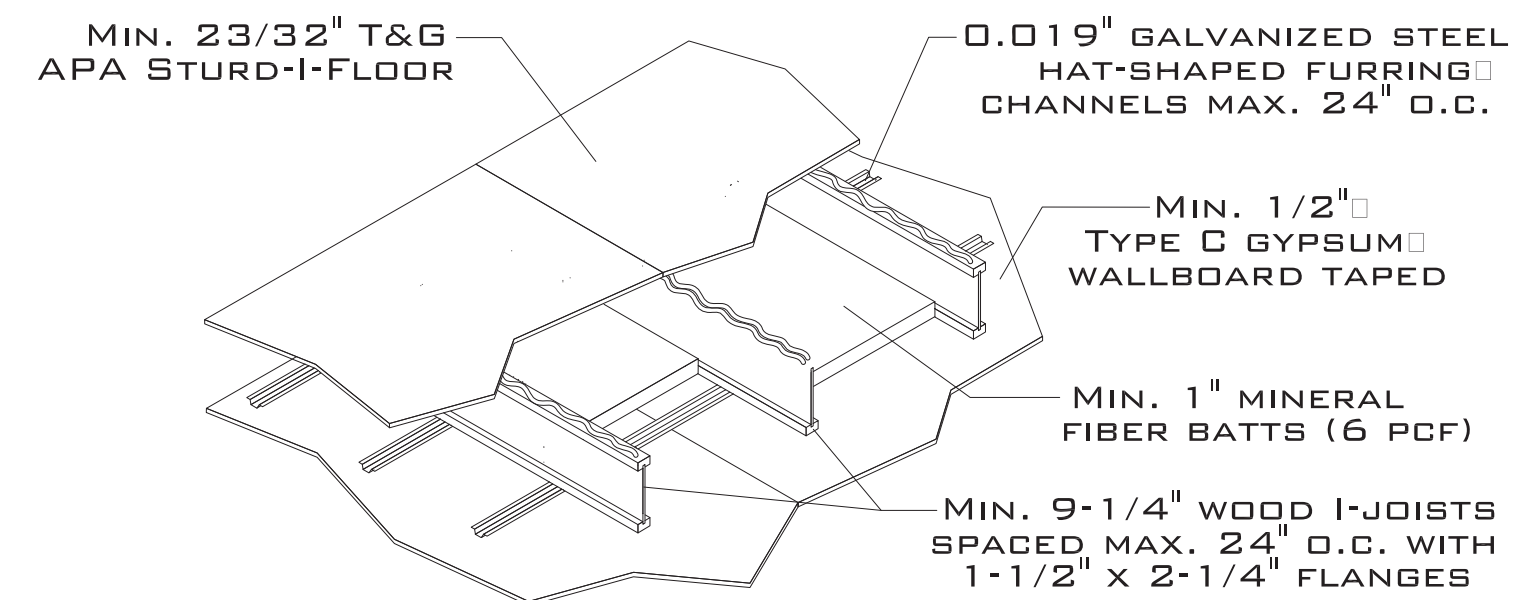
GARAGE PORTAL FRAME DETAIL



SIDE ELEVATION

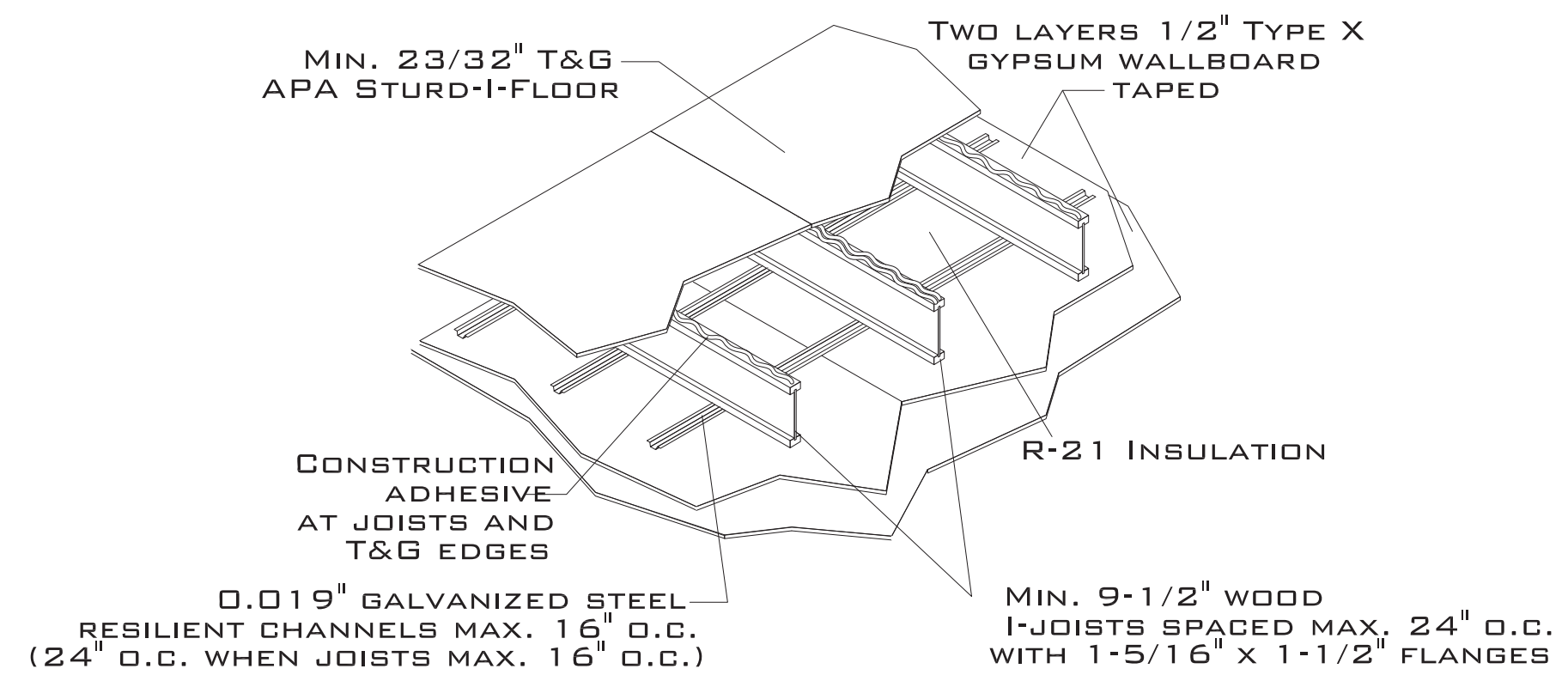
ONE-HOUR COMBUSTIBLE FLOOR-CEILING ASSEMBLIES-I-JOISTS

29A-ONE-HOUR FIRE-RESISTIVE/CEILING ASSEMBLY



FOR ADDITIONAL DETAILS, SEE AWC DCA 3, ASSEMBLY WIJ-1.4 (WWW.AWC.ORG)

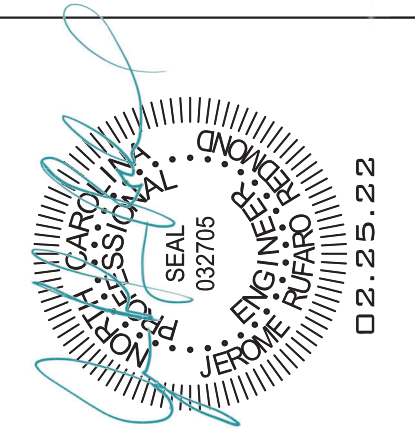
29B-ONE-HOUR FIRE-RESISTIVE FLOOR/CEILING ASSEMBLY



FOR ADDITIONAL DETAILS, SEE AWC DCA 3, ASSEMBLY WIJ-1.6 (WWW.AWC.ORG)

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HARNETT COUNTY, NC

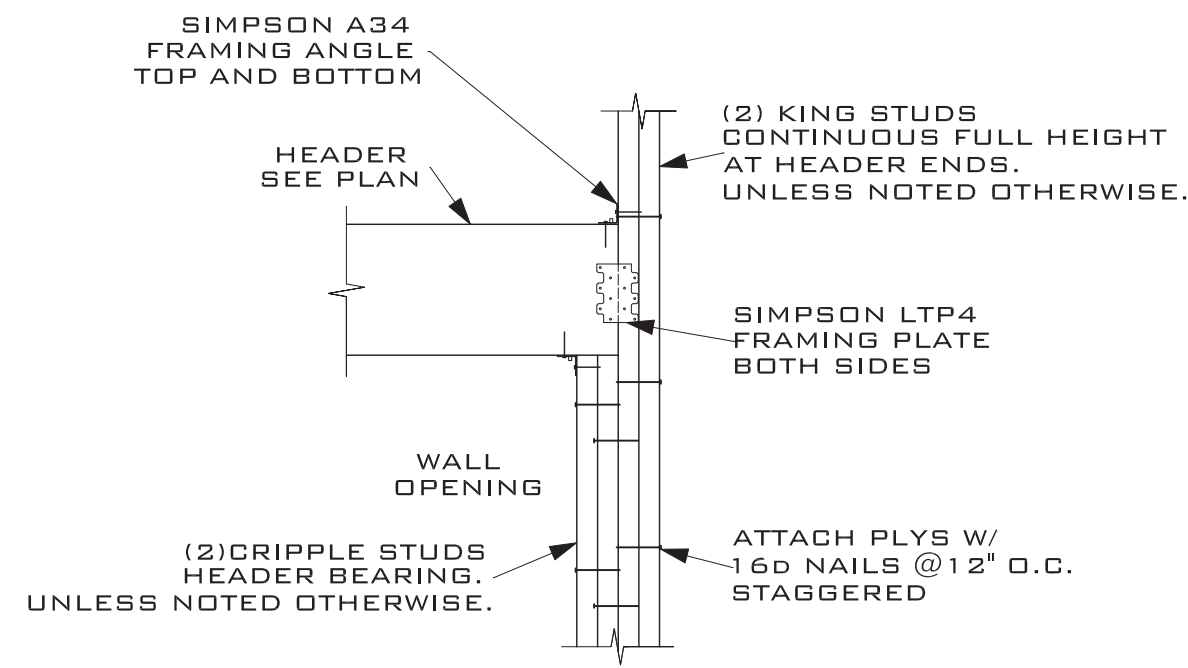
DRAWING TITLE
GARAGE
FRAMING DETAILS

DRAWN BY: JRR
CHECKED BY: JRR

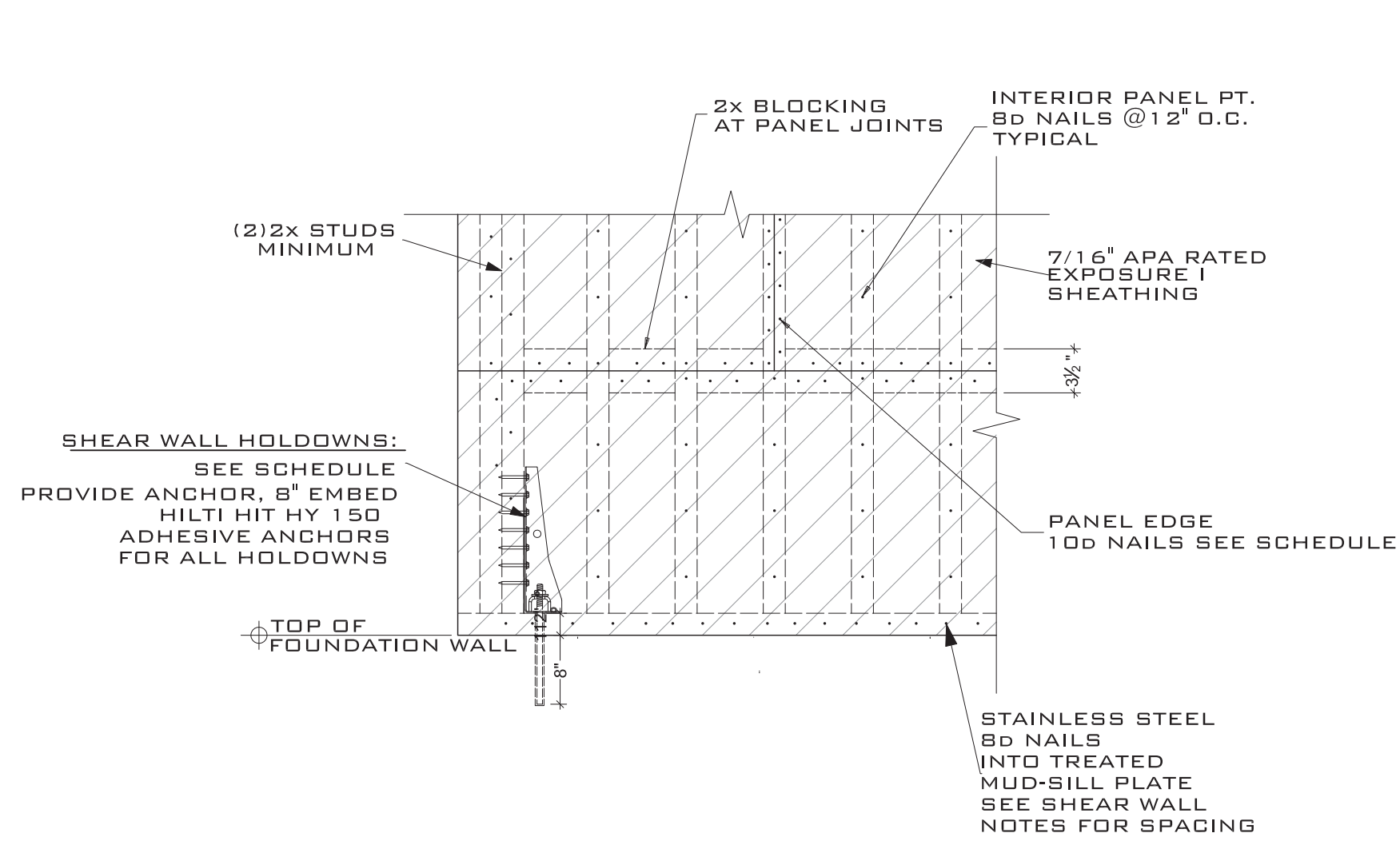
SCALE: AS SHOWN
DATE: 12.05.21

PROJECT SHEET
IN021412 S6

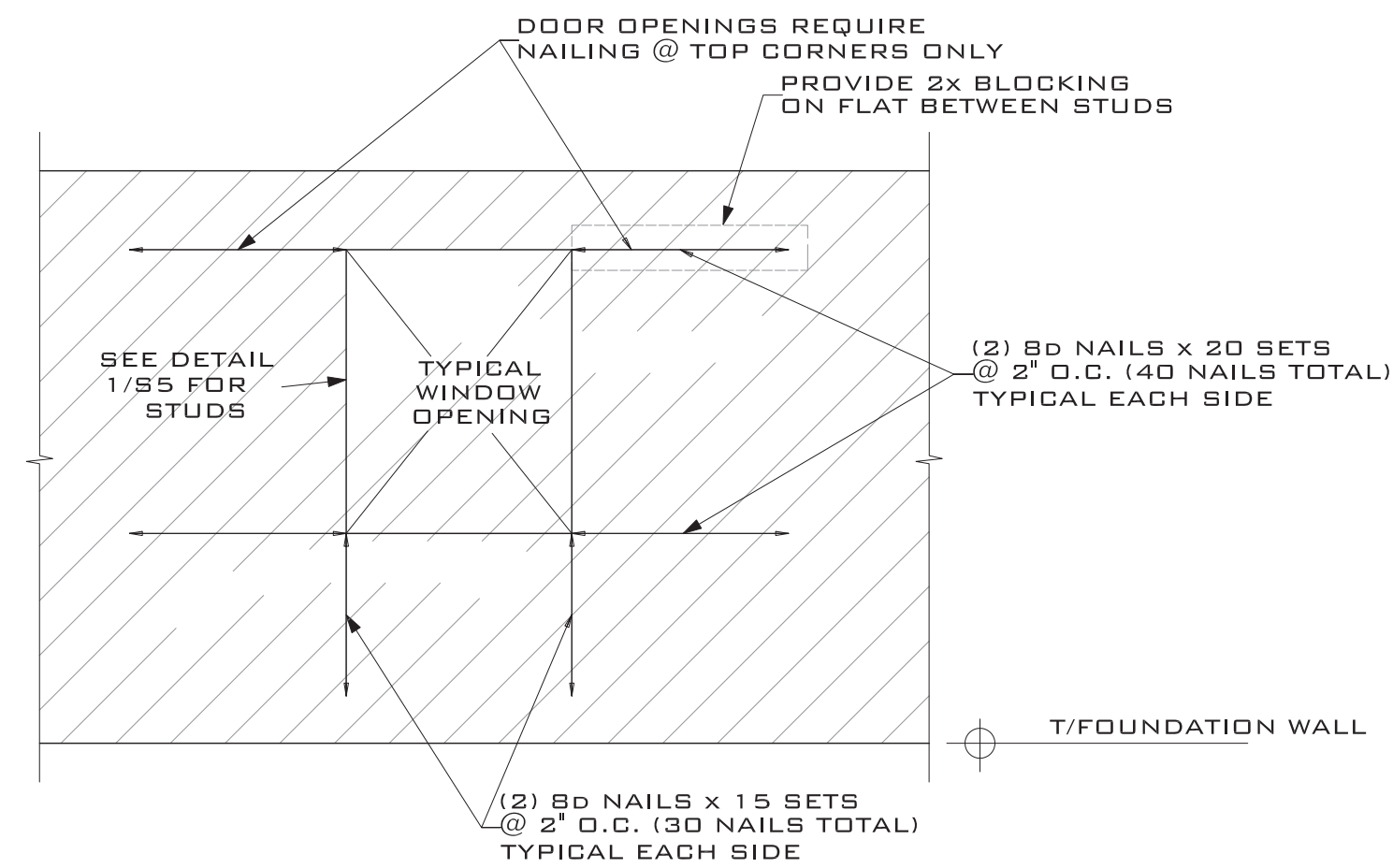
MARK	DATE	REVISION



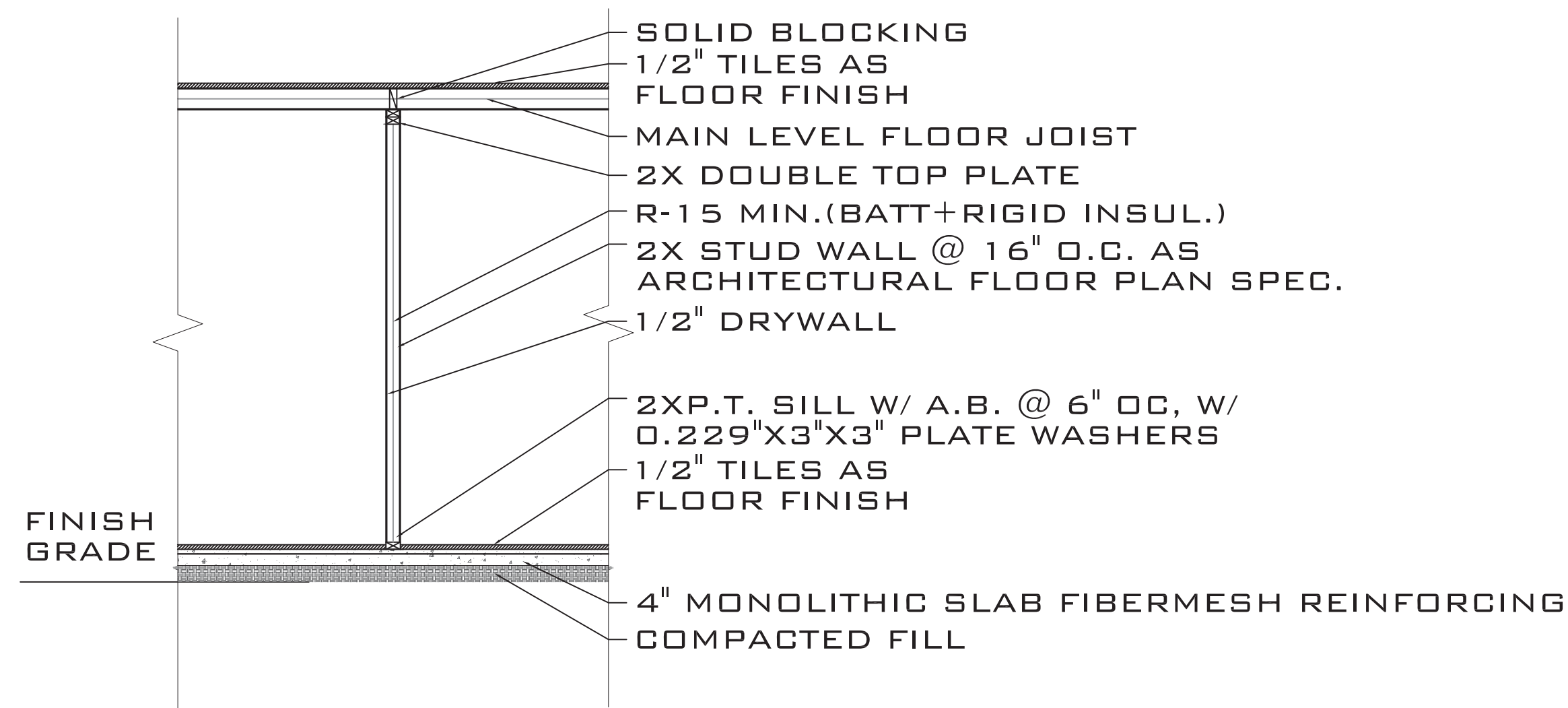
3 TYPICAL HEADER FRAMING DETAIL
S7 SCALE: NTS



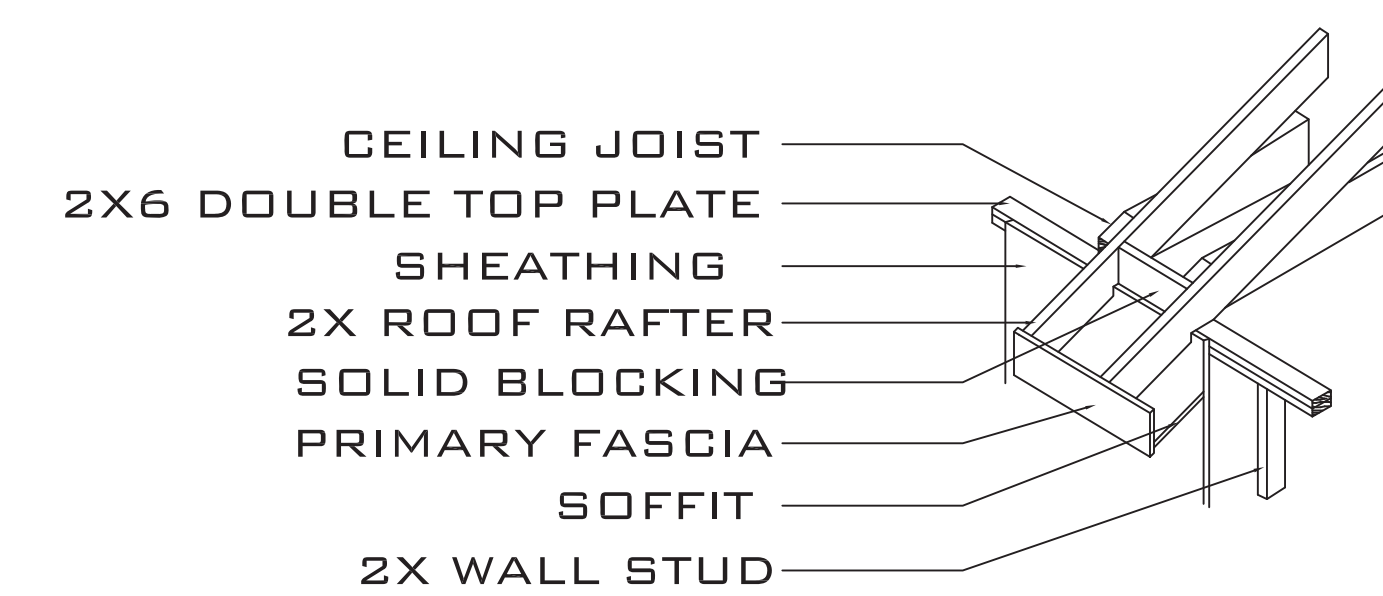
6 TYP. WALL/ HOLDOWN DETAIL
S7 SCALE: NOT TO SCALE



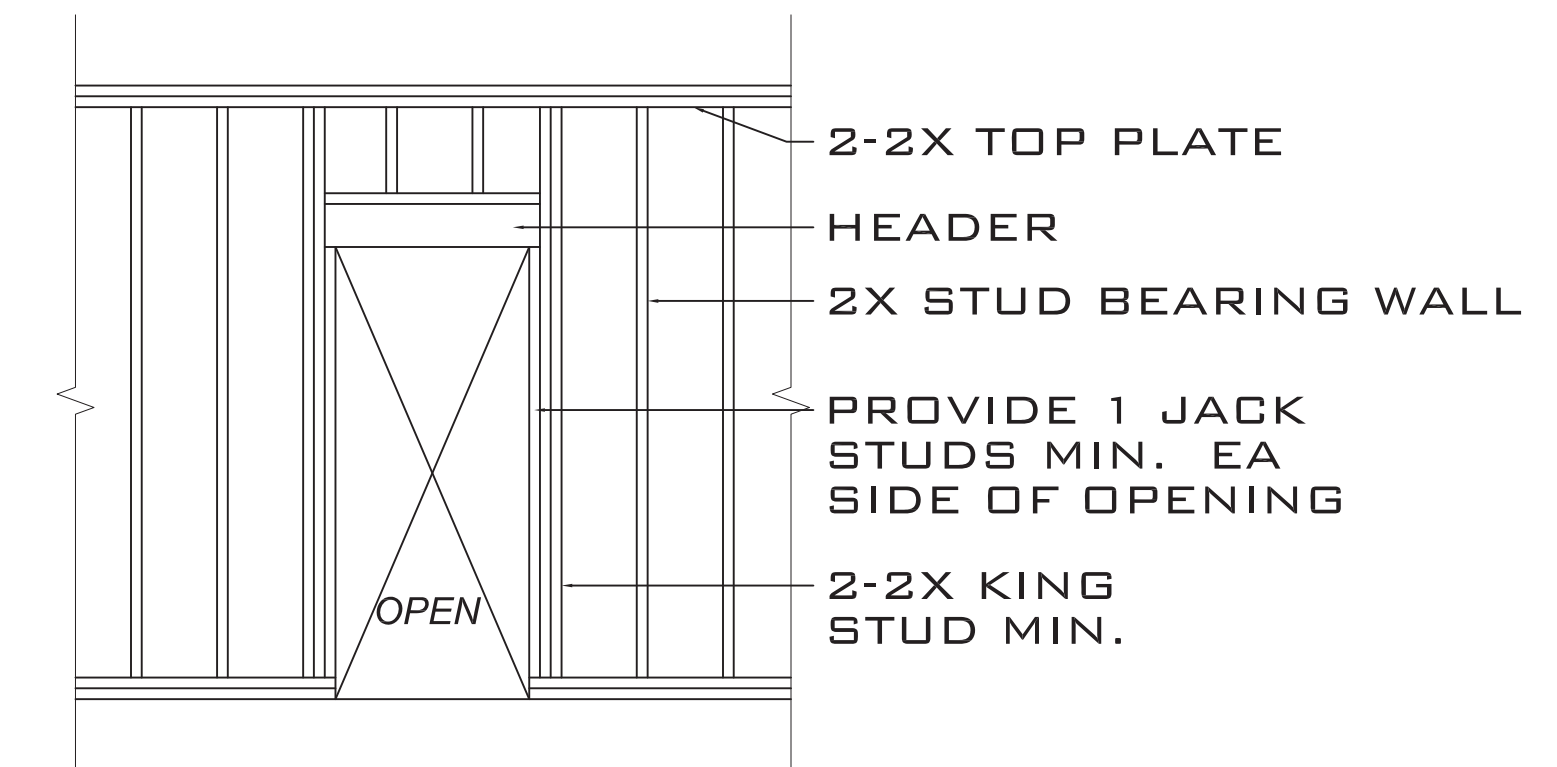
7 TYP. WALL NAILING @ OPENINGS
S7 SCALE: 1'-0"



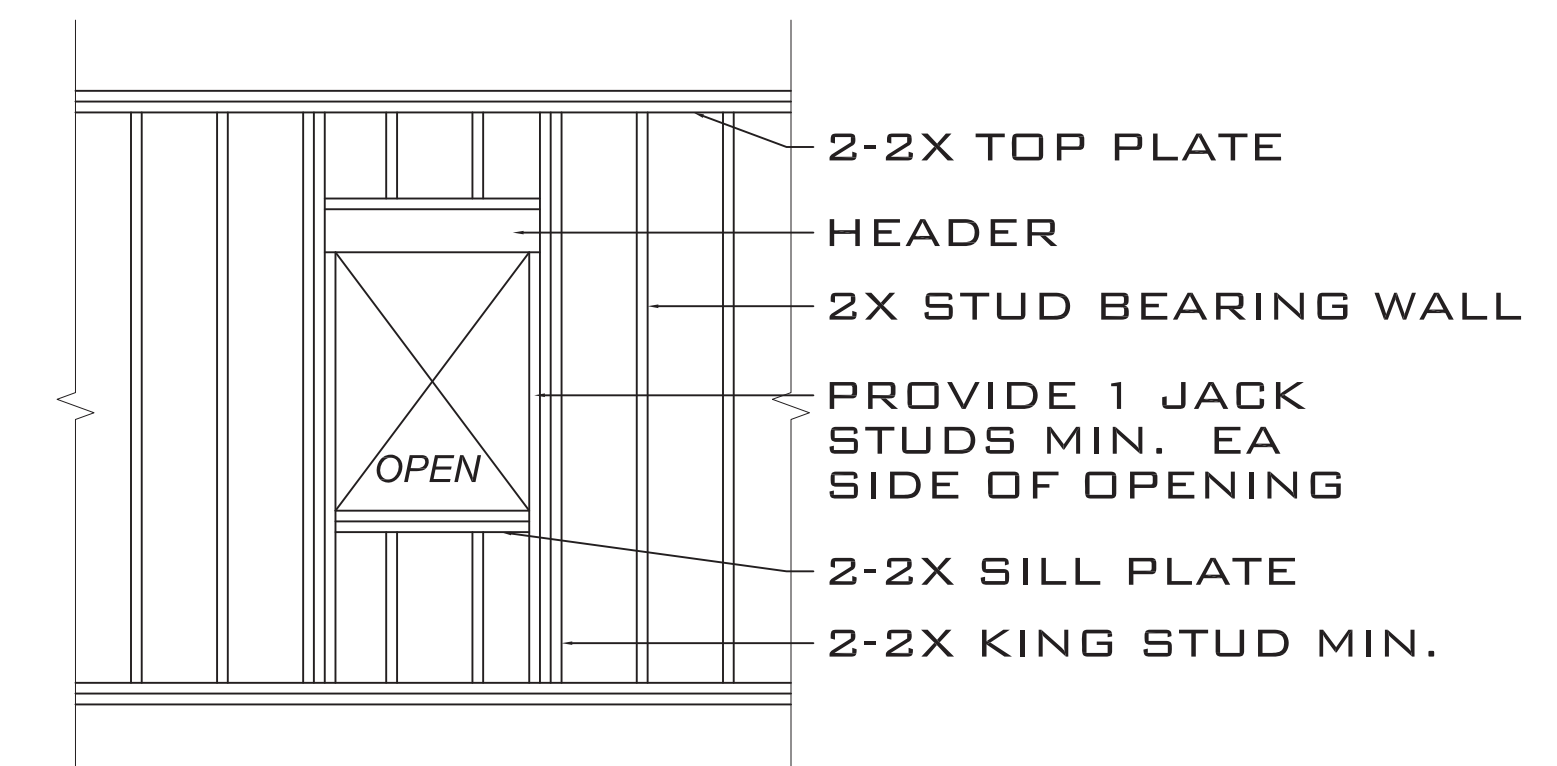
INTERIOR WALL TYPE
SCALE: NTS



D5 ROOF FRAMING AT EAVE
S4



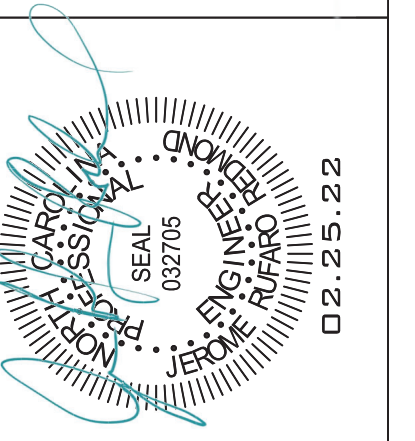
TYPICAL DOOR FRAMING
SCALE: NTS



TYPICAL WINDOW FRAMING
SCALE: NTS

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**FINOL NEW RESIDENCE
HARNETT COUNTY, NC**

DRAWING TITLE
FRAMING DETAILS

DRAWN BY: JRR
CHECKED BY: JRR

SCALE: AS SHOWN
DATE: 12.05.21

PROJECT SHEET
IN021412 **S7**

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