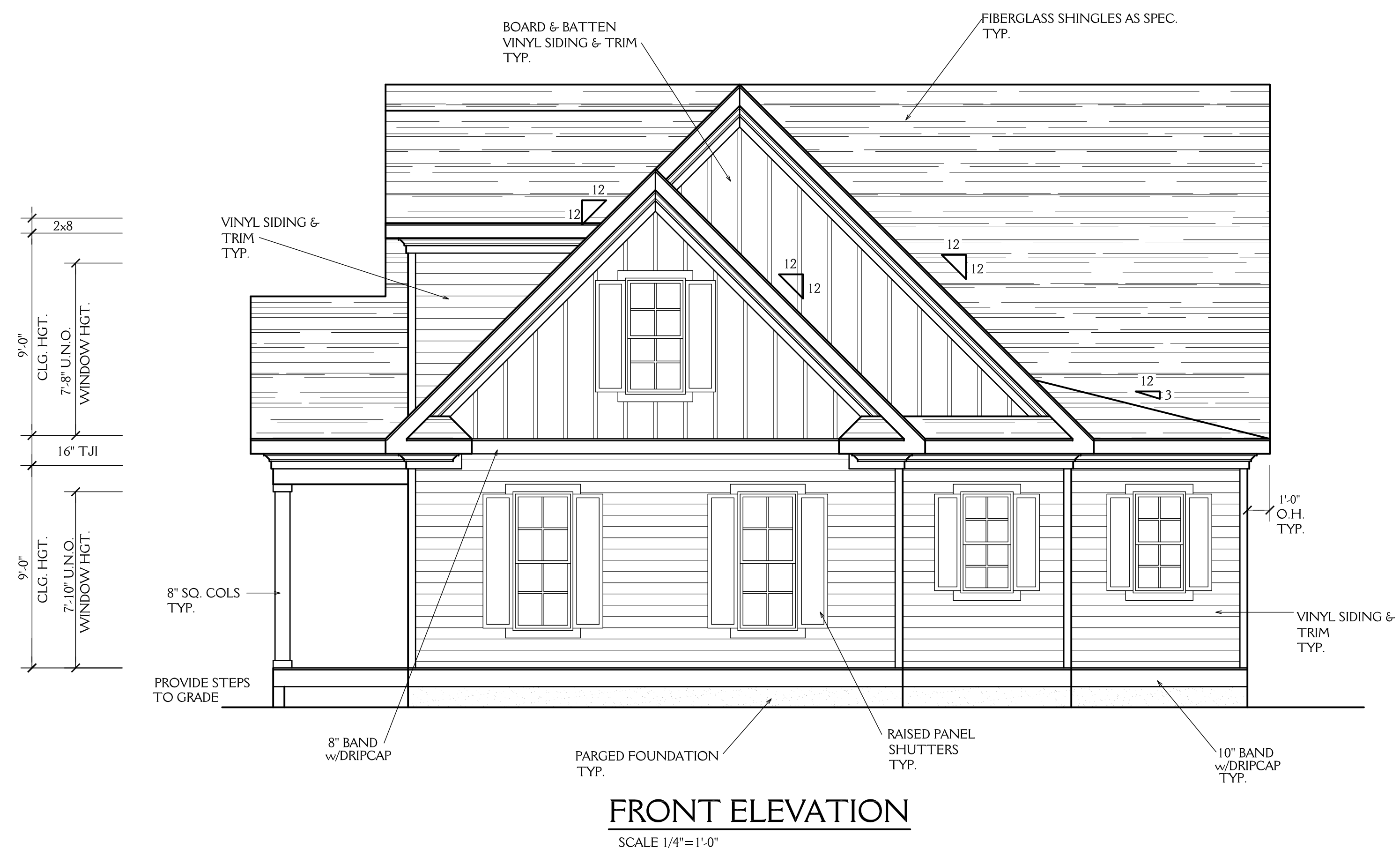


NOTE: ALL DIMENSIONS ARE TO BE VERIFIED BY OWNER/BUILDER BEFORE CONSTRUCTION BEGINS. ONCE CONSTRUCTION HAS BEGUN, DESIGNER IS RELEASED FROM ANY AND ALL LIABILITY ASSOCIATED WITH THE CONSTRUCTION OF THIS CUSTOM RESIDENCE. THIS PLAN IS DESIGNED UNDER THE 2018 NORTH CAROLINA RESIDENTIAL CODE



FRONT ELEVATION
SCALE 1/4"=1'-0"

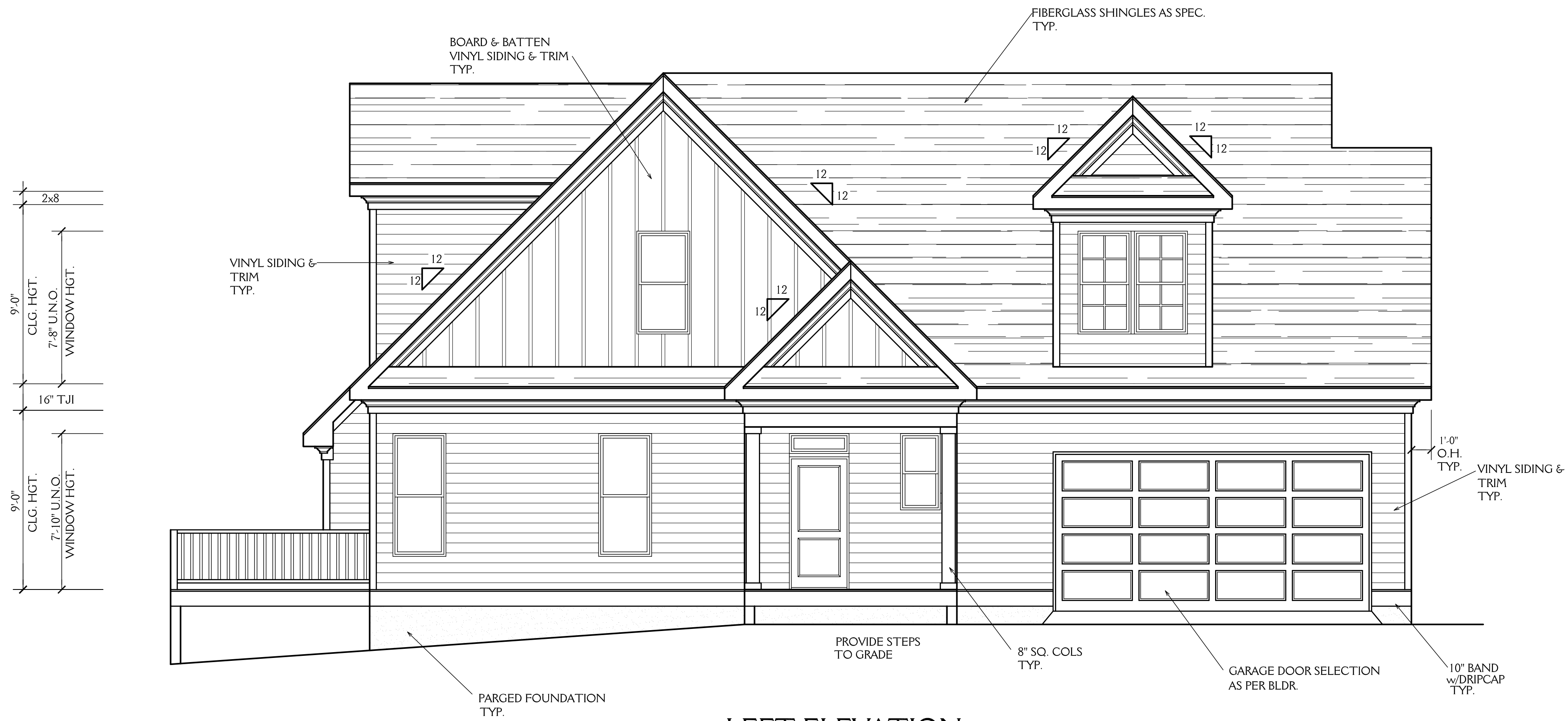


REAR ELEVATION
SCALE 1/4"=1'-0"

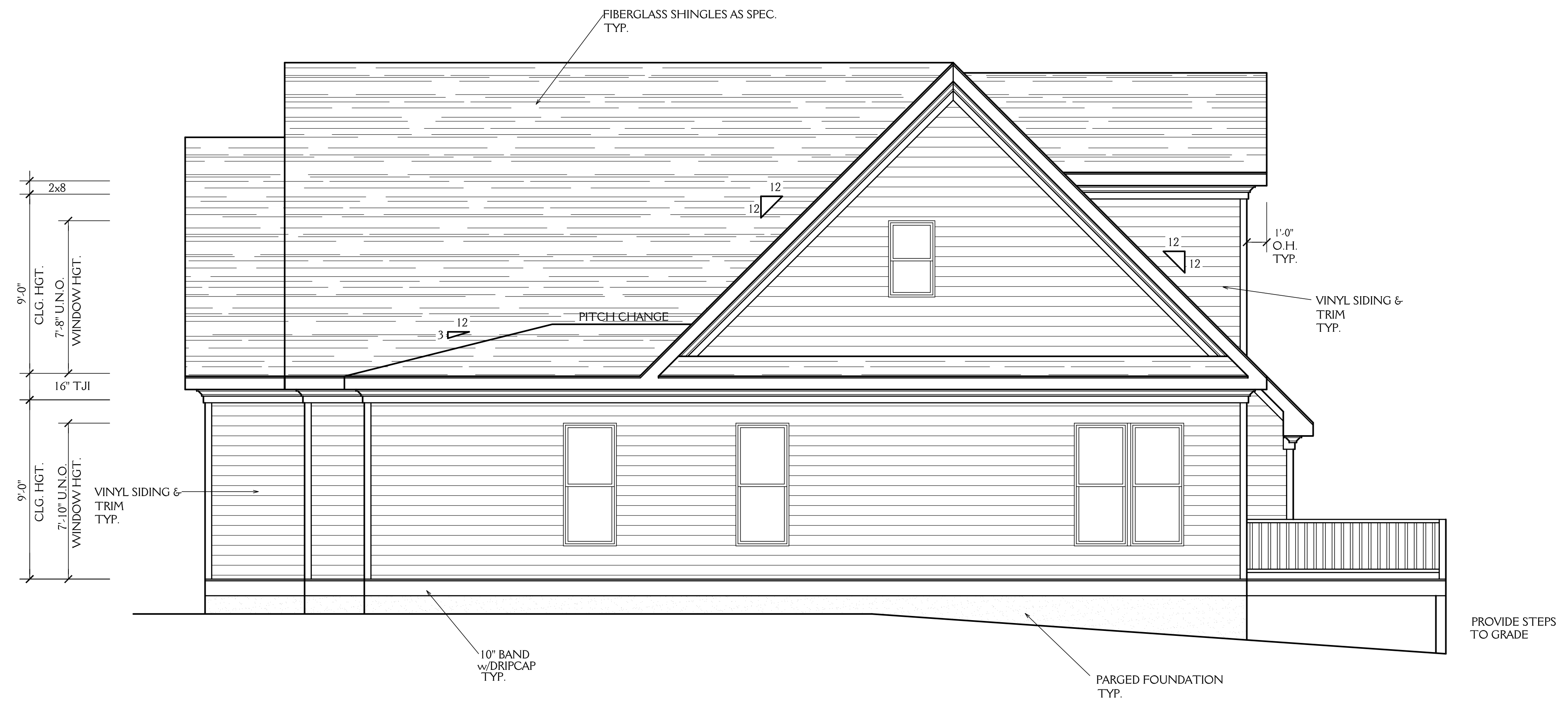
New Light
Residential Design, L.L.C.
Newlightdesign1@gmail.com

J&W CUSTOM HOMES LOT 14D WILDWOOD POINT		SHEET 1 OF 5
DRAWN BY: JD	DATE: 6-19-24	
REVISIONS:		PROJECT NO. 2409

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LEFT ELEVATION
SCALE 1/4"=1'-0"



RIGHT ELEVATION
SCALE 1/4"=1'-0"

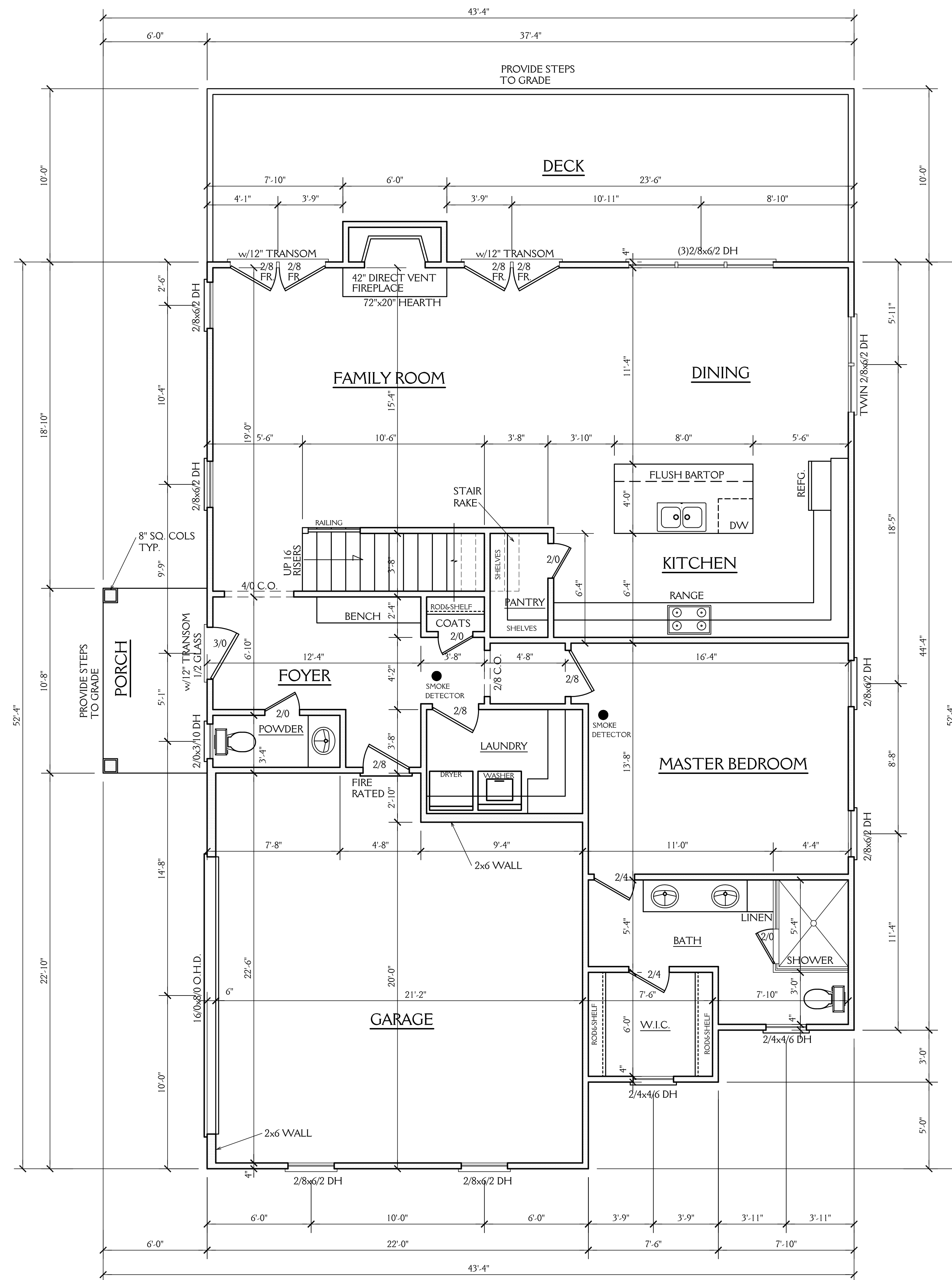
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Residential Design, L.L.C.

Newlightdesign1@gmail.com

J&W CUSTOM HOMES LOT 14D WILDWOOD POINT		2 OF 5
DRAWN BY: JD	DATE: 6-19-24	
REVISIONS:		PROJECT NO. 2409

NOTE:

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NOTES:

CONSTRUCTION TO MEET OR EXCEED ALL REQUIREMENTS OF THE 2018 NC RESIDENTIAL BUILDING CODE

1. SEE SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL EMERGENCY ESCAPE & RESCUE OPENING REQUIREMENTS. SEE SECTION R303 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR LIGHT & VENTILATION REQUIREMENTS. SEE SECTION R310.1 & R311 OF THE 2018 NC RESIDENTIAL BUILDING CODE EGRESS REQUIREMENTS.
2. BUILDER & WINDOW SALESMAN TO CONFIRM THAT WINDOWS CHOSEN MEET ALL REQUIREMENTS OF SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
3. SEE SECTION R308.4 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR GLAZING REQUIREMENTS IN HAZARDOUS LOCATIONS
4. PROVIDE FALL PROTECTION AT WINDOWS AS REQUIRED BY 2018 NC RESIDENTIAL BUILDING CODE
5. ALL GLASS TO HAVE A U FACTOR OF 0.32 OR BETTER AND SHGC OF .30 OR BETTER.
6. SEE CHAPTER 11 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL ENERGY CONSERVATION REQUIREMENTS
7. SEE SECTION R302.5 & R302.6 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR DWELLING/GARAGE FIRE SEPARATION REQUIREMENTS
8. SEE APPENDIX M OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL DECK CONSTRUCTION REQUIREMENTS
9. PROVIDE CARBON MONOXIDE DETECTORS AS PER SECTION R315 OF THE 2018 NC RESIDENTIAL BUILDING CODE
10. PROVIDE CRAWLSPACE ACCESS AS PER SECTION 408.8 OF THE 2018 NC RESIDENTIAL BUILDING CODE LOCATION T.B.D. IN FIELD BY BUILDER.
11. PROVIDE FOUNDATION DRAINAGE AS PER CODE. SEE SECTIONS 405, 801.3 & 401.3 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
12. SEE SECTION R311.7 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL STAIRWAY REQUIREMENTS. SEE SECTION R312 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL GUARD RAIL & HAND RAIL REQUIREMENTS.
13. SEE SECTION R307 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL BATH FIXTURE CLEARANCES.
14. SEE CHAPTER 10 OF THE NC RESIDENTIAL BUILDING CODE FOR ALL FIREPLACE & CHIMNEY CLEARANCES & REQUIREMENTS.
15. ALL ANGLES WALLS ARE 45° U.N.O.

ABBREVIATIONS

C.O. : CASIED OPENING	CANT. : CANTILEVER
D.W. : DISHWASHER	TYP. : TYPICAL
W.I.C. : WALK IN CLOSET	CLG. : CEILING
SHWR. : SHOWER	HGT. : HEIGHT
DN. : DOWN	COL. : COLUMN
	TRANS. : TRANSOM

1384 SQ FT HTD (1ST FLOOR)	64 SQ FT (PORCH)
897 SQ FT HTD (2ND FLOOR)	373 SQ FT (DECK)
	125 SQ FT (STORAGE)
2281 SQ FT HTD TOTAL	470 SQ FT (GARAGE)
	1032 UNHEATED TOTAL

FIRST FLOOR PLAN

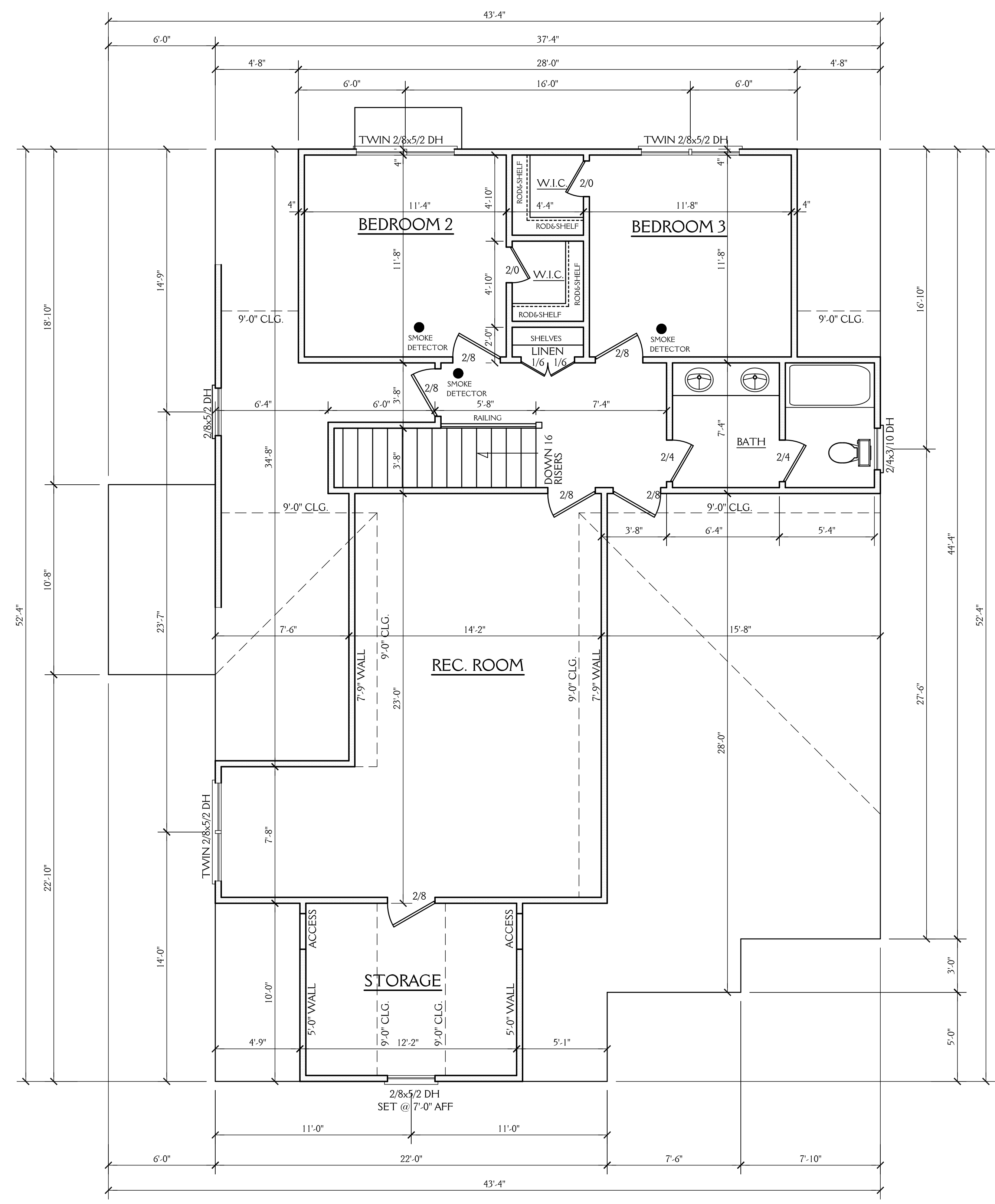
SCALE 1/4"=1'-0"
9'-0" CLG. HGT.
SET WINDOWS AT 7'-10" AFF U.N.O.

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Newlightdesign1@gmail.com

J&W CUSTOM HOMES LOT 14D WILDWOOD POINT		SHEET 3 OF 5
DRAWN BY: JD	DATE: 6-19-24	
REVISIONS:		PROJECT NO. 2409

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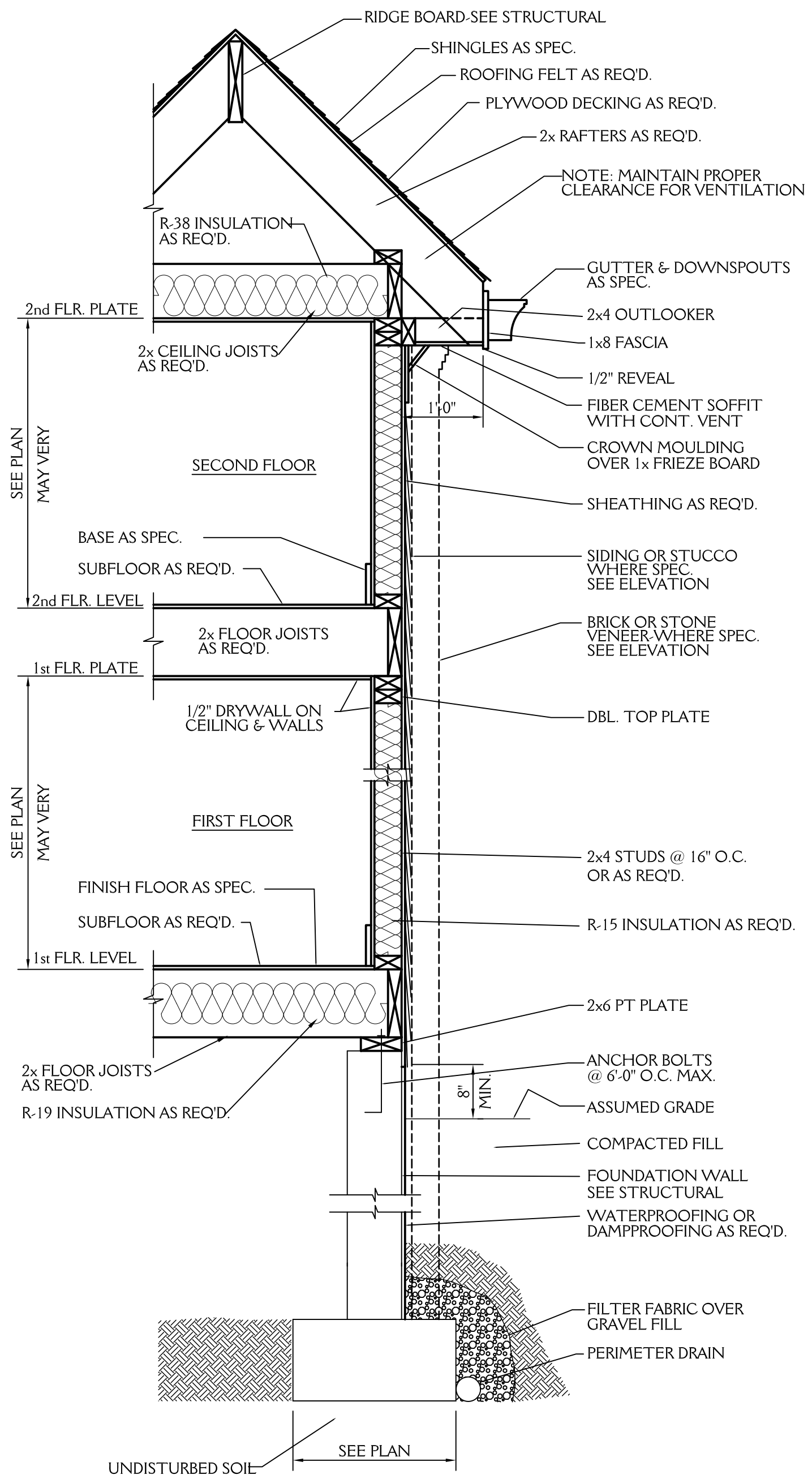
SECOND FLOOR PLAN
 SCALE 1/4"=1'-0"
 9'-0" CLG. HGT.
 SET WINDOWS AT 7'-8" AFF U.N.O.

New Light

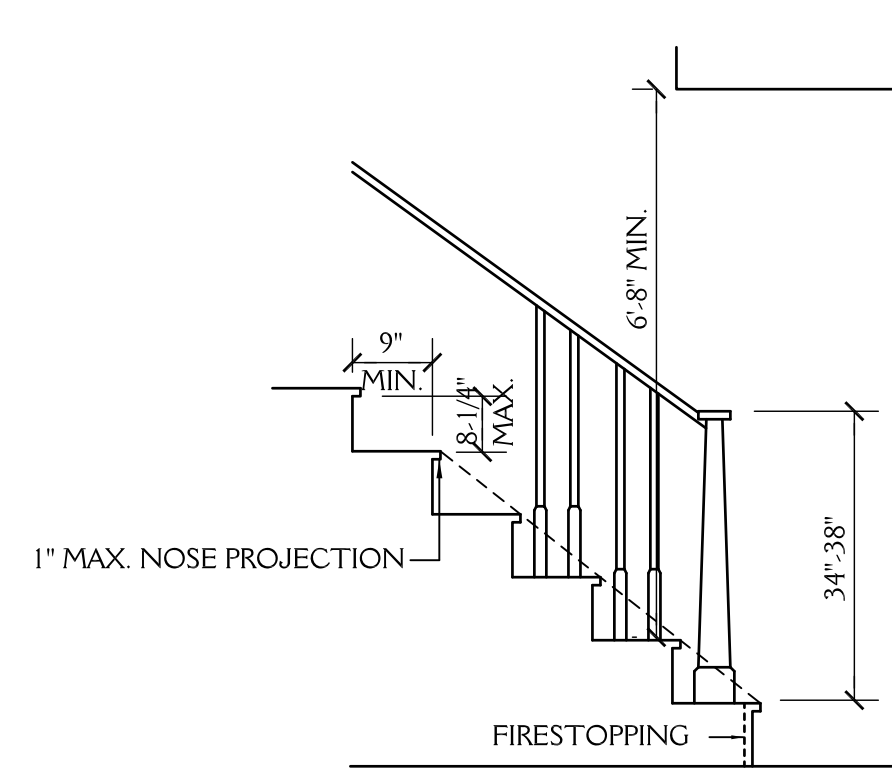
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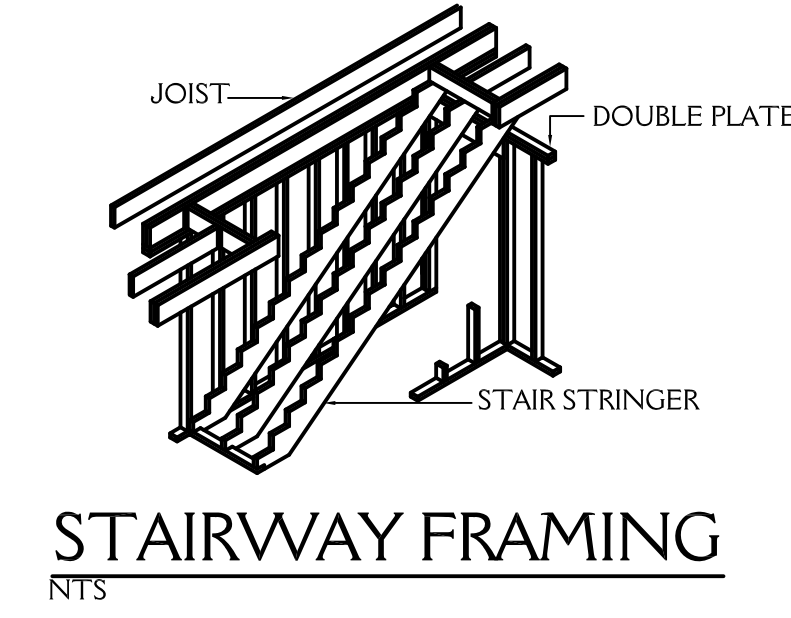
J&W CUSTOM HOMES LOT 14D WILDWOOD POINT		SHEET 4 OF 5
DRAWN BY: JD	DATE: 6-19-24	
REVISIONS:		PROJECT NO. 2409



TYPICAL WALL SECTION
SCALE 3/4"=1'-0"

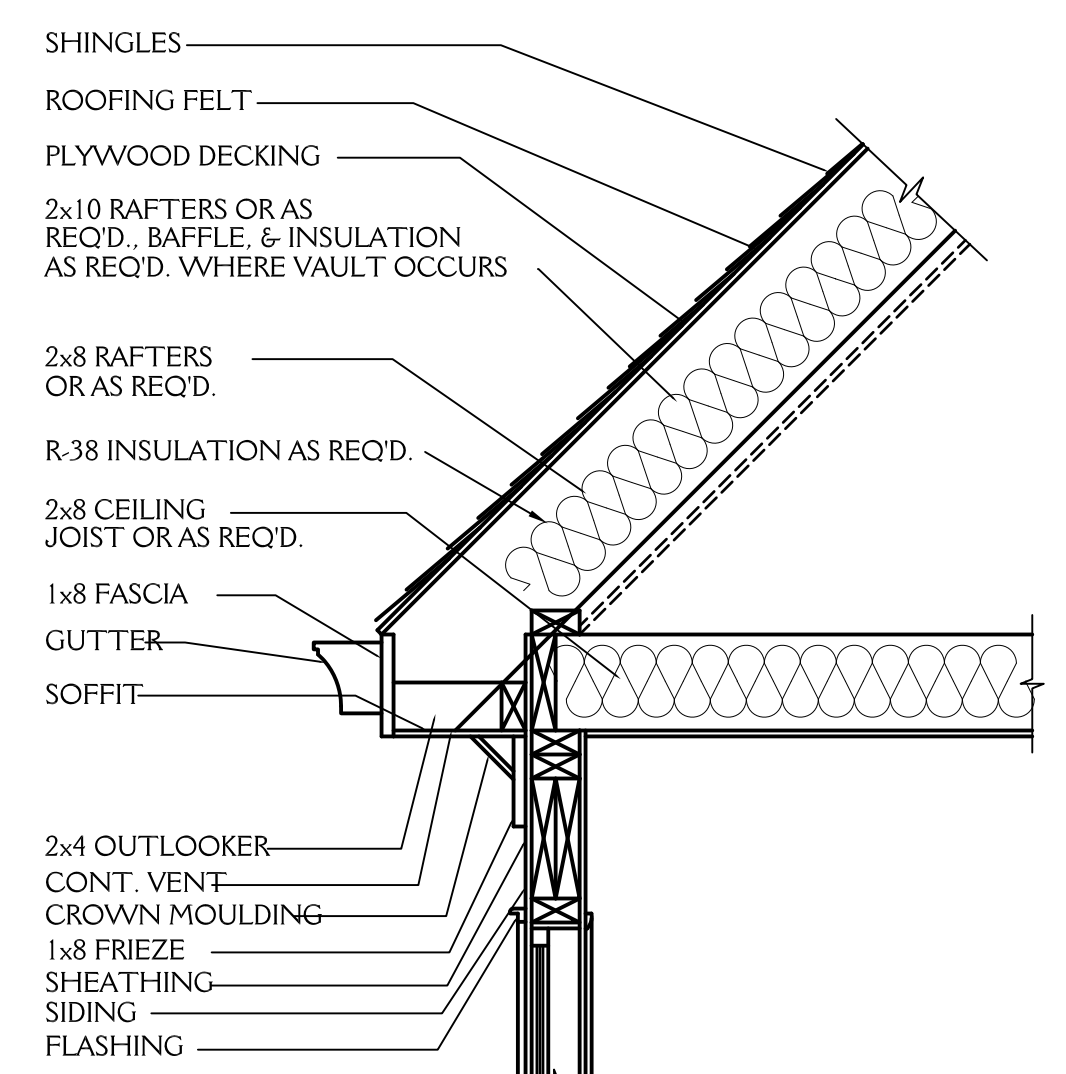


STAIR DETAIL
SCALE: NTS

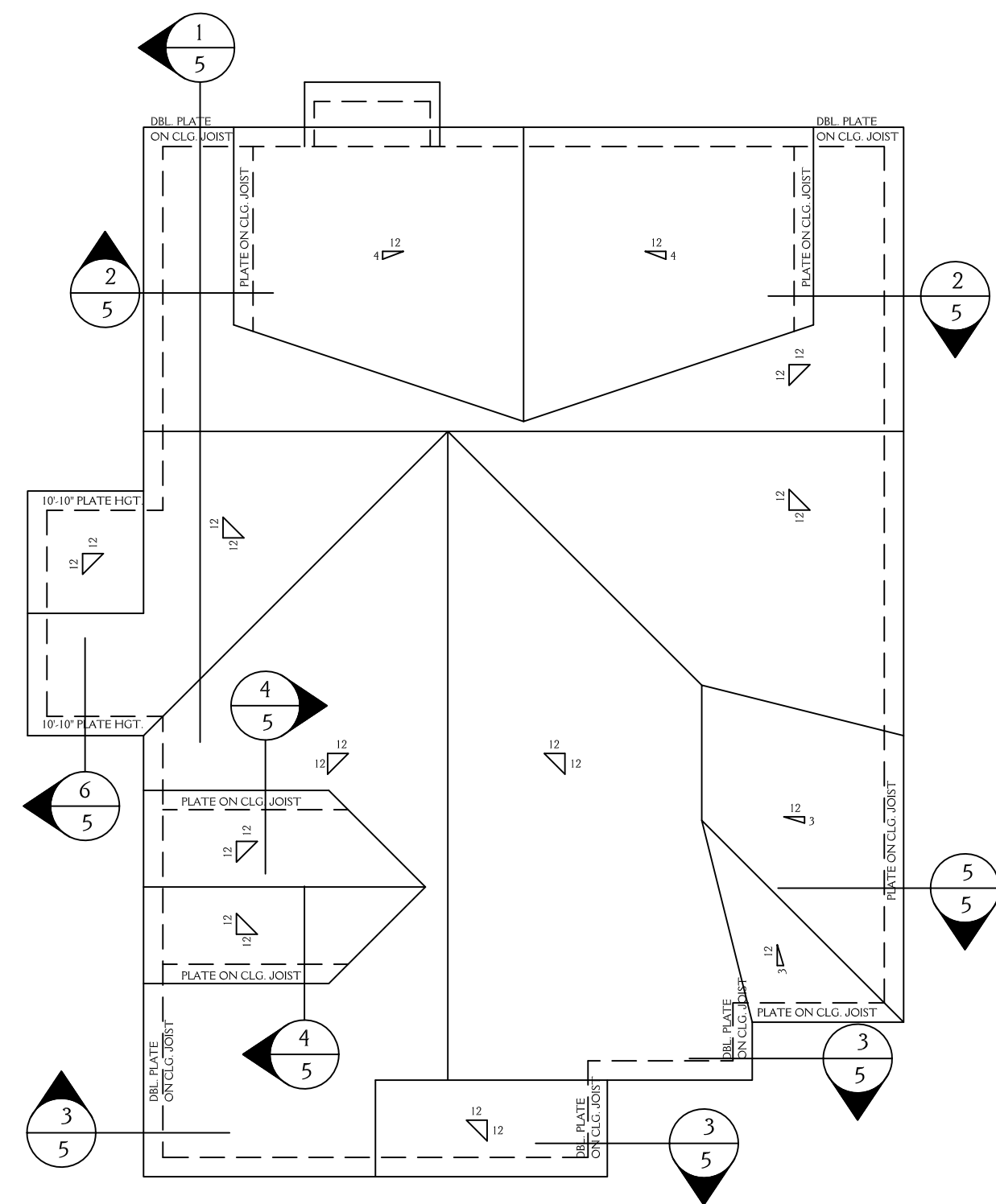


ROOF VENT CALCS
1918 SQ.FT. / 150 = 12.79 SQ.FT. REQ'D
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R806 OF THE 2012 NC RESIDENTIAL BLDG. CODE

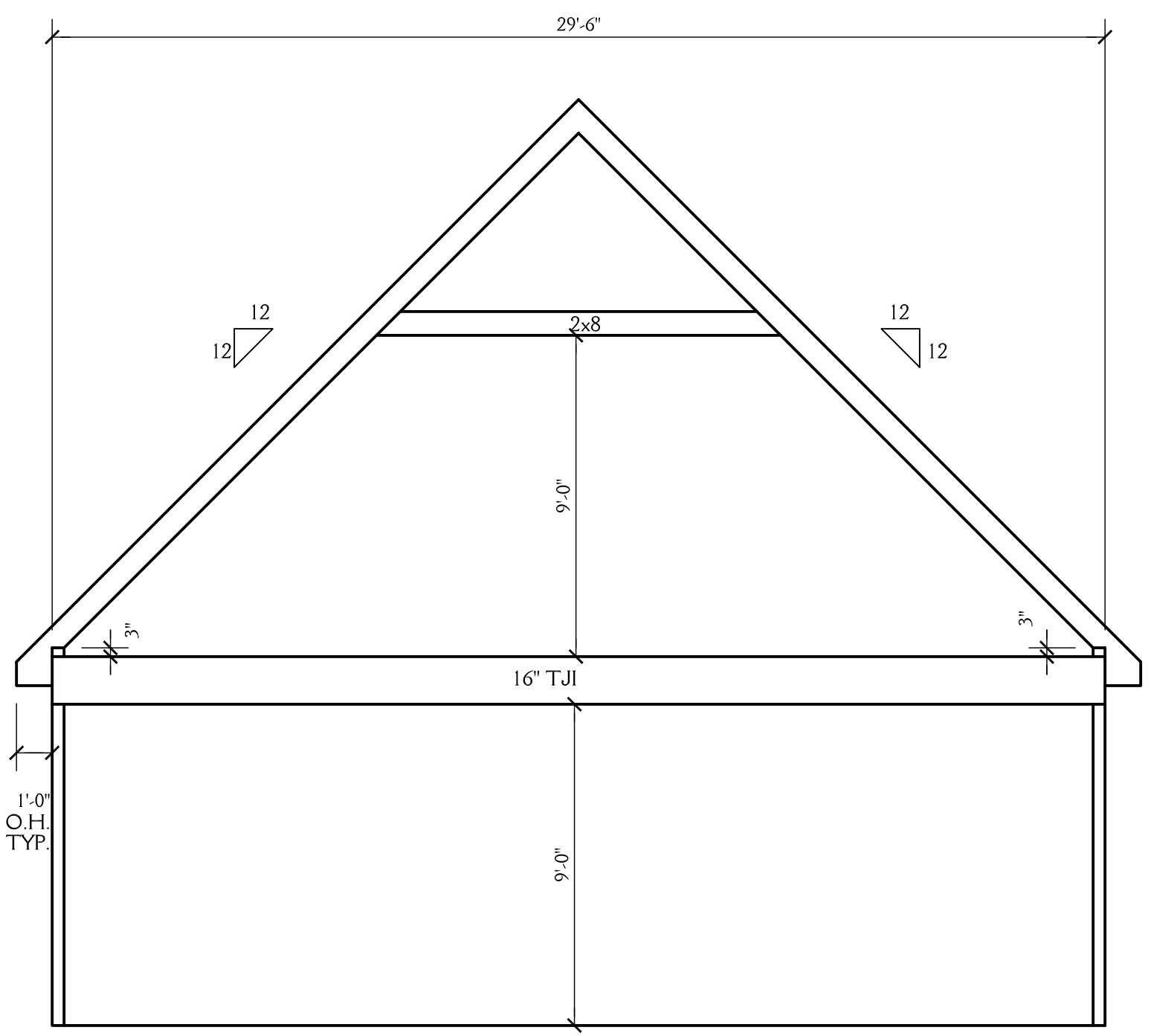
FND VENT CALCS
1283 SQ.FT. / 150 = 8.55 SQ.FT. REQ'D
BUILDER TO PROVIDE APPROPRIATE VENTILATION AS REQUIRED BY CODE
SEE SECTION R408 OF THE 2012 NC RESIDENTIAL BLDG. CODE



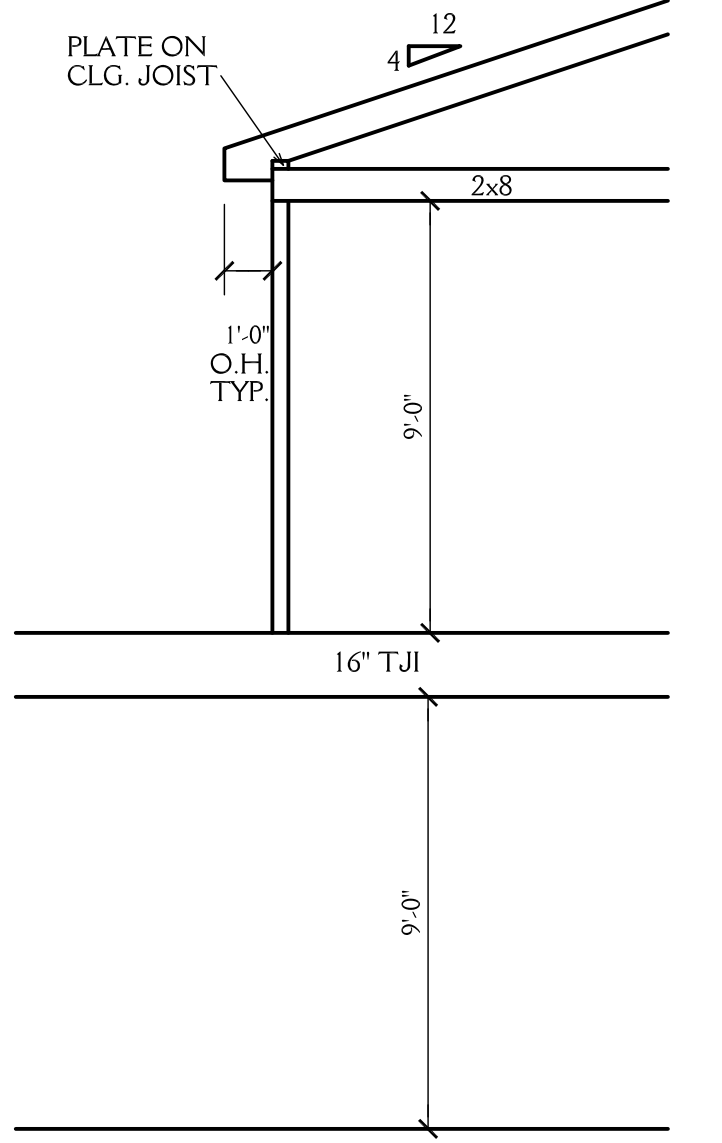
CORNICE DETAIL
SCALE 3/4"=1'-0"



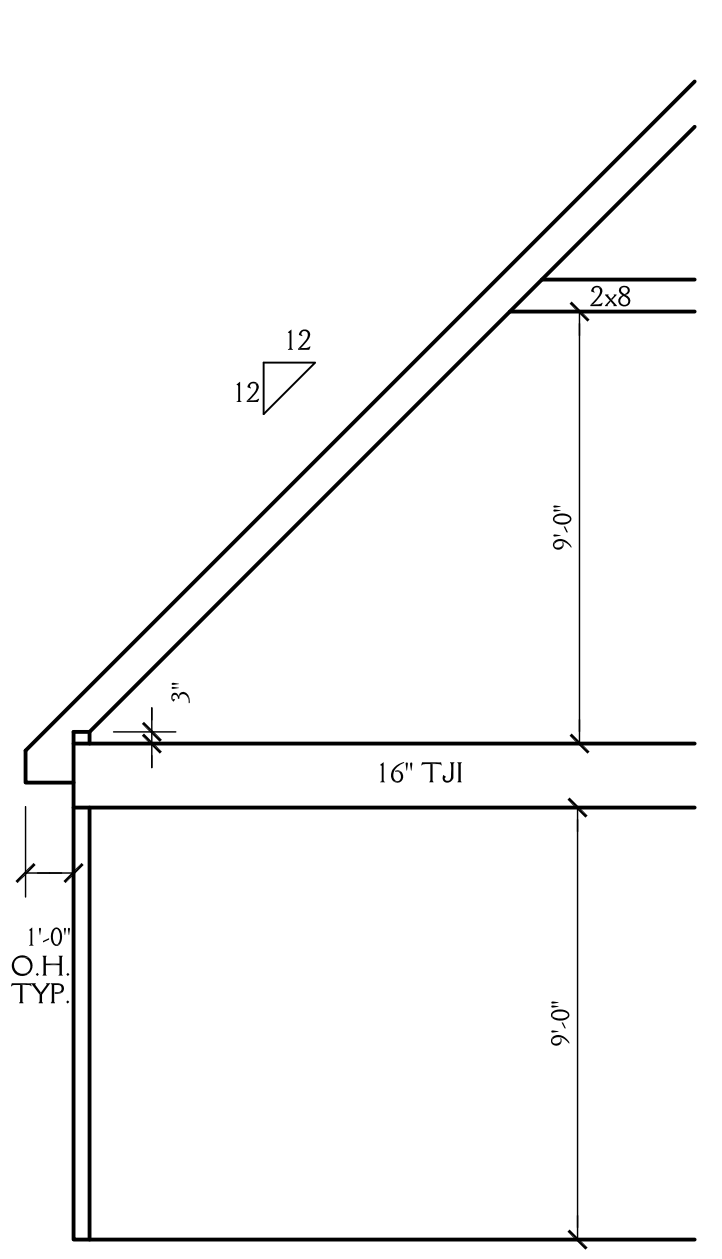
ROOF PLAN
SCALE 1/8"=1'-0"



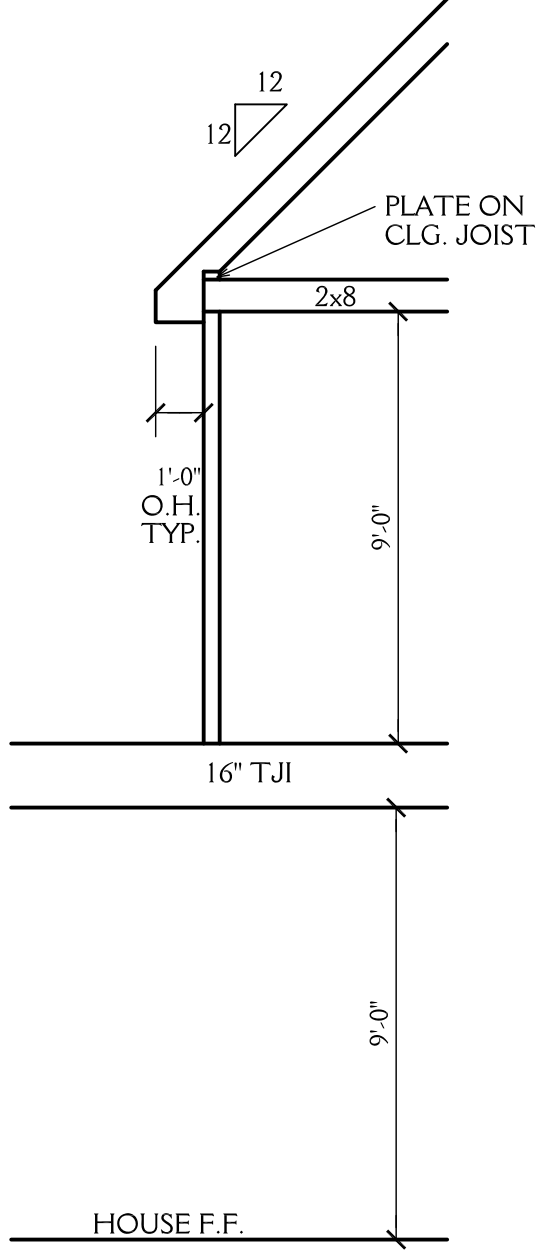
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5 **SCHEMATIC SECTION**
SCALE 1/4"=1'-0"
SEE STRUCTURAL DRAWINGS FOR ALL JOIST SIZES AND DIRECTIONS



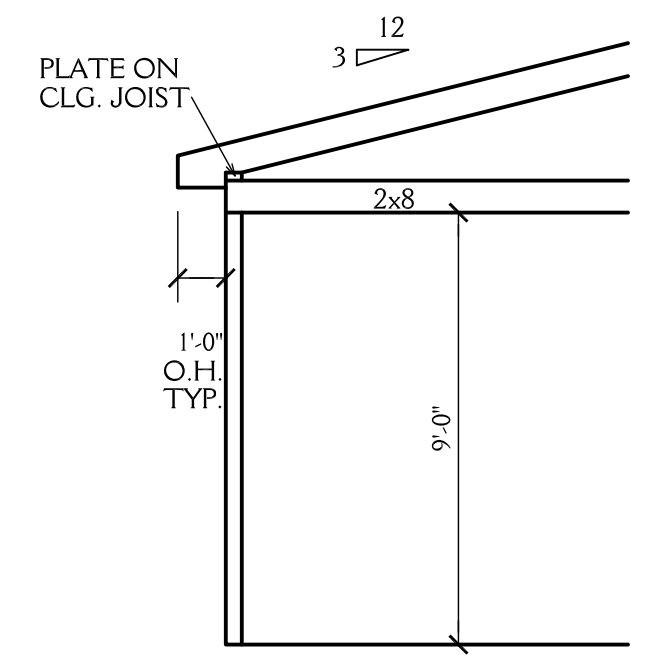
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5 **SCHEMATIC SECTION**
SCALE 1/4"=1'-0"
SEE STRUCTURAL DRAWINGS FOR ALL JOIST SIZES AND DIRECTIONS



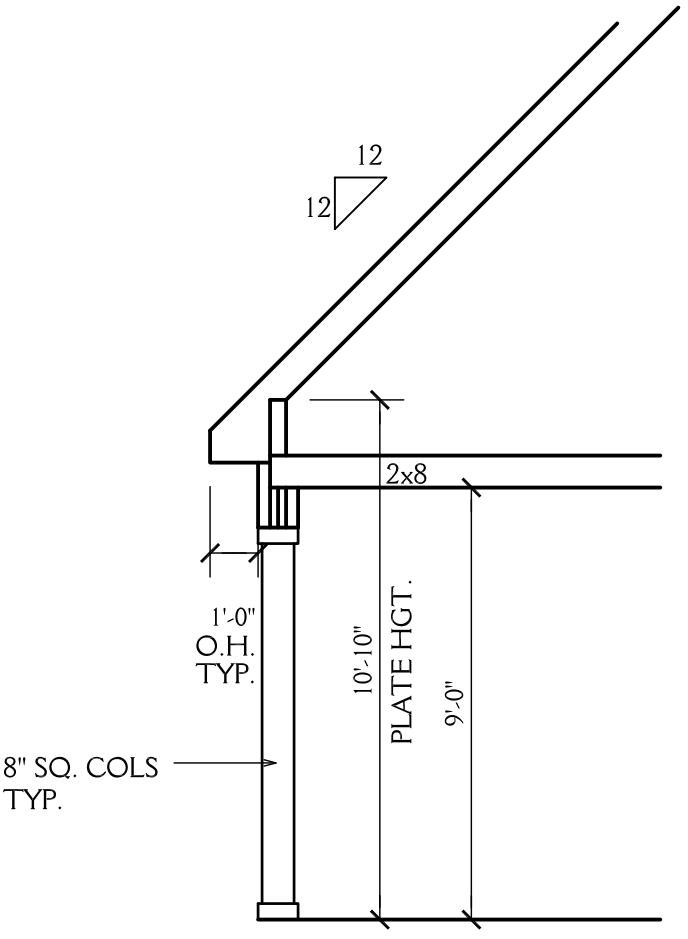
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5 **SCHEMATIC SECTION**
SCALE 1/4"=1'-0"
SEE STRUCTURAL DRAWINGS FOR ALL JOIST SIZES AND DIRECTIONS



4
5 **SCHEMATIC SECTION**
SCALE 1/4"=1'-0"
SEE STRUCTURAL DRAWINGS FOR ALL JOIST SIZES AND DIRECTIONS



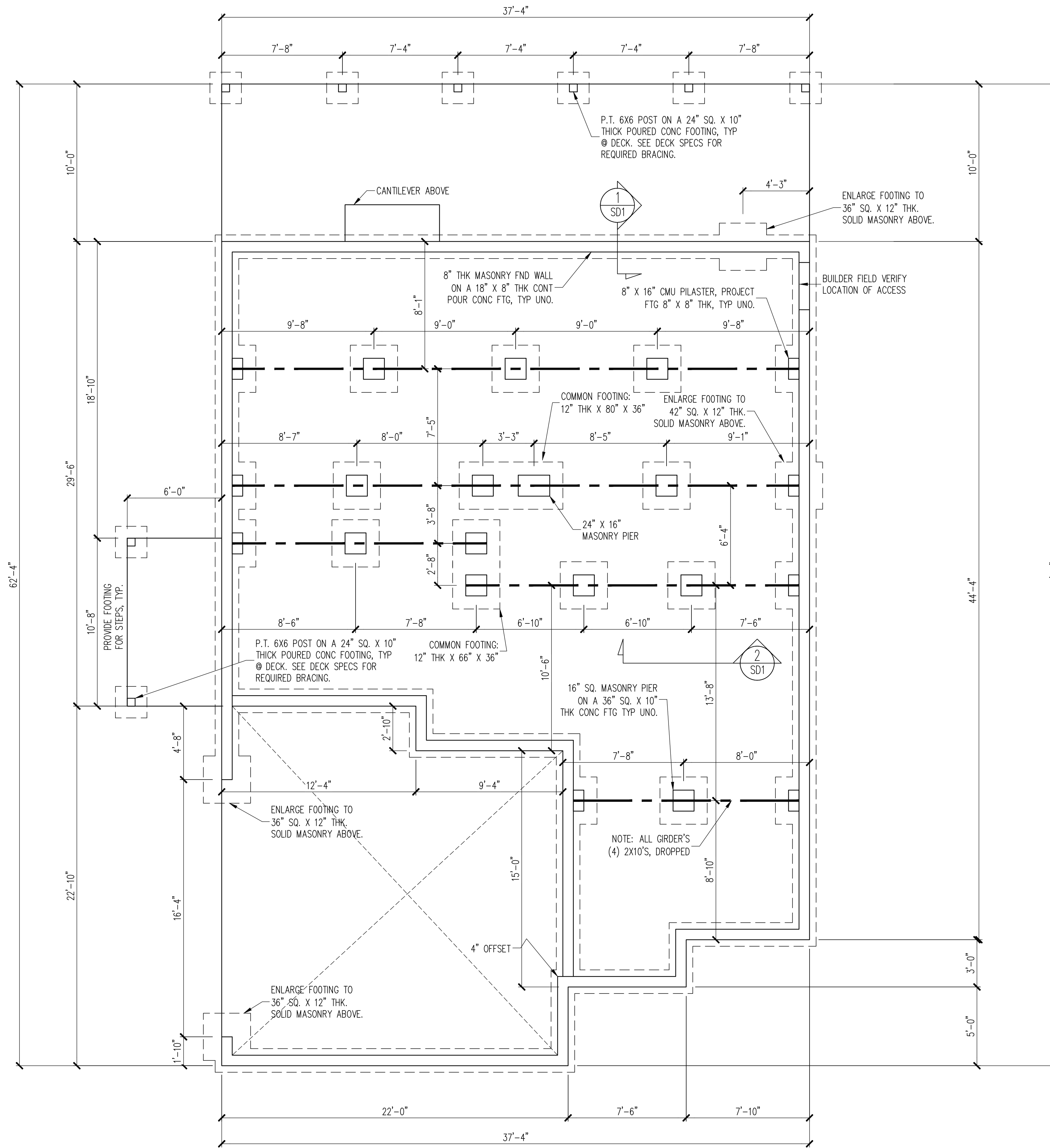
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5 **SCHEMATIC SECTION**
SCALE 1/4"=1'-0"
SEE STRUCTURAL DRAWINGS FOR ALL JOIST SIZES AND DIRECTIONS



6
5 **SCHEMATIC SECTION**
SCALE 1/4"=1'-0"
SEE STRUCTURAL DRAWINGS FOR ALL JOIST SIZES AND DIRECTIONS

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Newlightdesign1@gmail.com
J&W CUSTOM HOMES
LOT 14D WILDWOOD POINT
DRAWN BY: JD DATE: 6-19-24
REVISIONS: PROJECT NO: 2409



CONSTRUCTION SPECIFICATIONS
 INSTANT REFERENCES

REFER TO THE CONSTRUCTION SPECIFICATIONS SECTIONS FOR THE FOLLOWING INFORMATION:

PART 1.01: CURRENT GOVERNING CODE

PART 14: STUD SUPPORT FOR BEAMS

PART 16.02: GENERAL WALL BRACING NOTES

PART 17: KING STUDS FOR EXTERIOR WALLS

SEE DETAIL / CONSTRUCTION SPECIFICATIONS SHEETS FOR I-JOISTS ALLOWABLE SUBSTITUTIONS

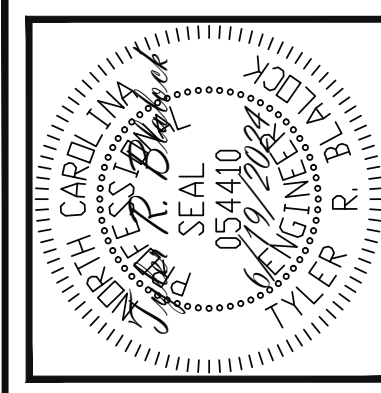
NOTES:

-HEIGHT AND BACKFILL LIMITATIONS FOR FOUNDATION WALLS ARE TO BE GOVERNED BY THE NCSCC, LATEST EDITION. REINFORCEMENT AND GROUTING SHALL BE DETERMINED BY FINAL SITE CONDITIONS.

-BUILDER TO FIELD LOCATE CRAWLSPACE ACCESS OPENING WITH MINIMUM DIMENSIONS OF 18X24. DO NOT LOCATE ACCESS OPENING BELOW POINT LOADS FROM ABOVE WITHOUT ENGINEER APPROVAL.

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

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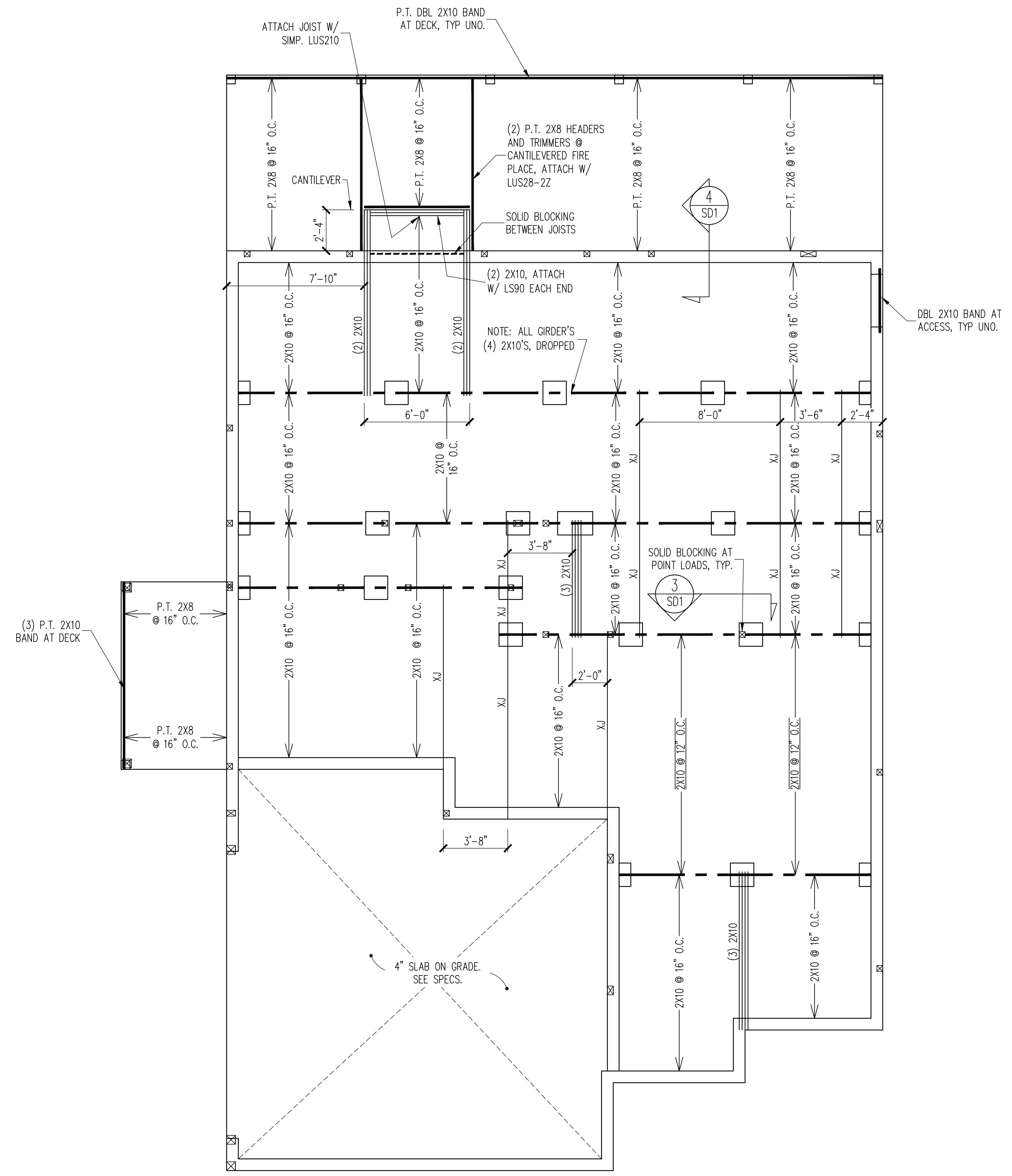
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STRUCTURAL ENGINEERS
 License No. C-3870
 318 W Millbrook Rd. Unit 201
 Raleigh, North Carolina 27609
 ASSOCIATES, P.A. Phone (919) 844-1661

J&W CUSTOM HOMES	
STRUCTURAL ADDENDUM	
SCOPE:	14d WILDWOOD POINT
LOC:	
REV #	REF PROJ #
DATE	

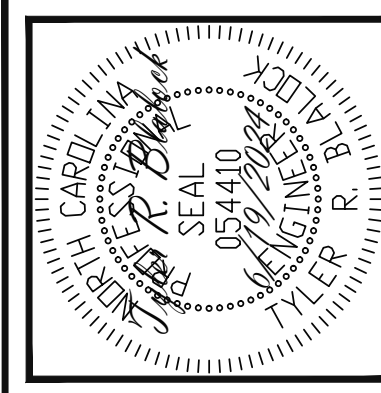
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PROJECT NO.
 24-17-006

SHEET NO.
 S1
 1 of 7



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J&W CUSTOM HOMES	
SCOPE:	STRUCTURAL ADDENDUM
LOC:	14d WILDWOOD POINT
REV #	REF PROJ #
DATE	

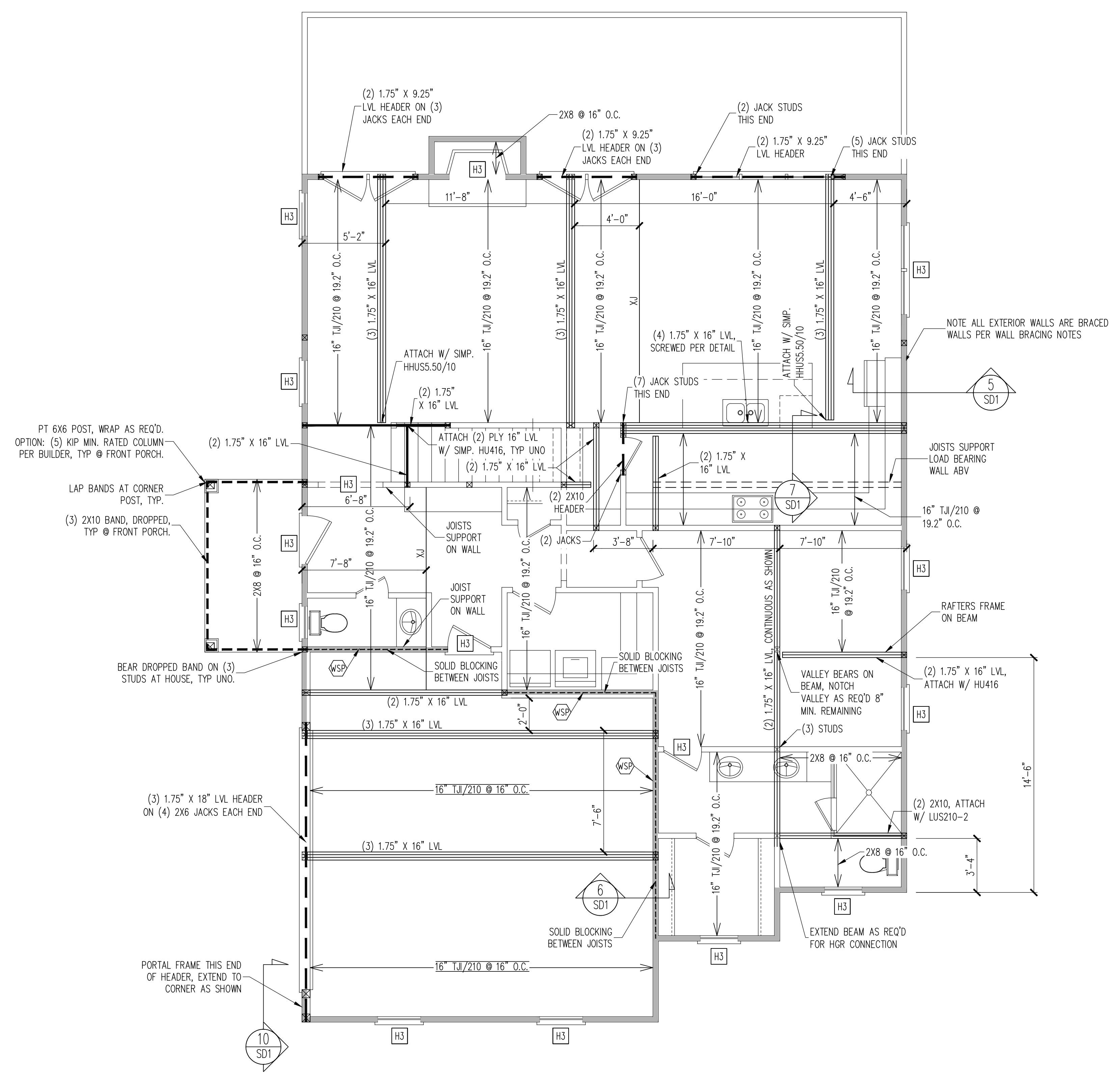
ENG: TRB/CR
 DATE: 6/19/2024

PROJECT NO.
 24-17-006

SHEET NO.
 S2
 2 of 7

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

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WALL BRACING

SHADED WALLS:

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.

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 @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD.

GB - INTERIOR BRACED WALL. 1/2" GB SECURED PER TABLE R602.10.2 OF THE 2018 NCRBC. (FASTENERS @ 7" O.C.) BOTH SIDES OF WALL OR (FASTENERS @ 4" O.C.) ONE SIDE OF WALL AT STAIRS (BUILDER PERMITTED TO SUBSTITUTE "WSP" FOR ANY "GB" WALL)

NOTES:
PROVIDED CONTINUOUS SHEATHING = 179' MIN.

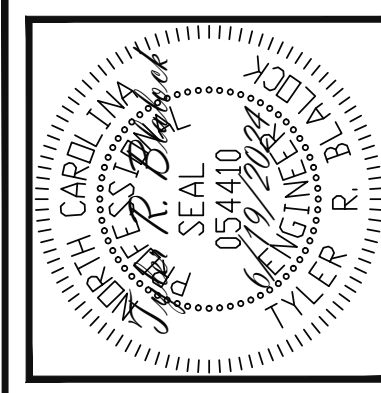
REFERENCE PART 16.02 OF CONSTRUCTION SPECIFICATIONS FOR GENERAL WIND BRACING INFORMATION.

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

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

1ST FLOOR FRAMING PLAN
WALLS AND CEILING 1/4" = 1'-0"



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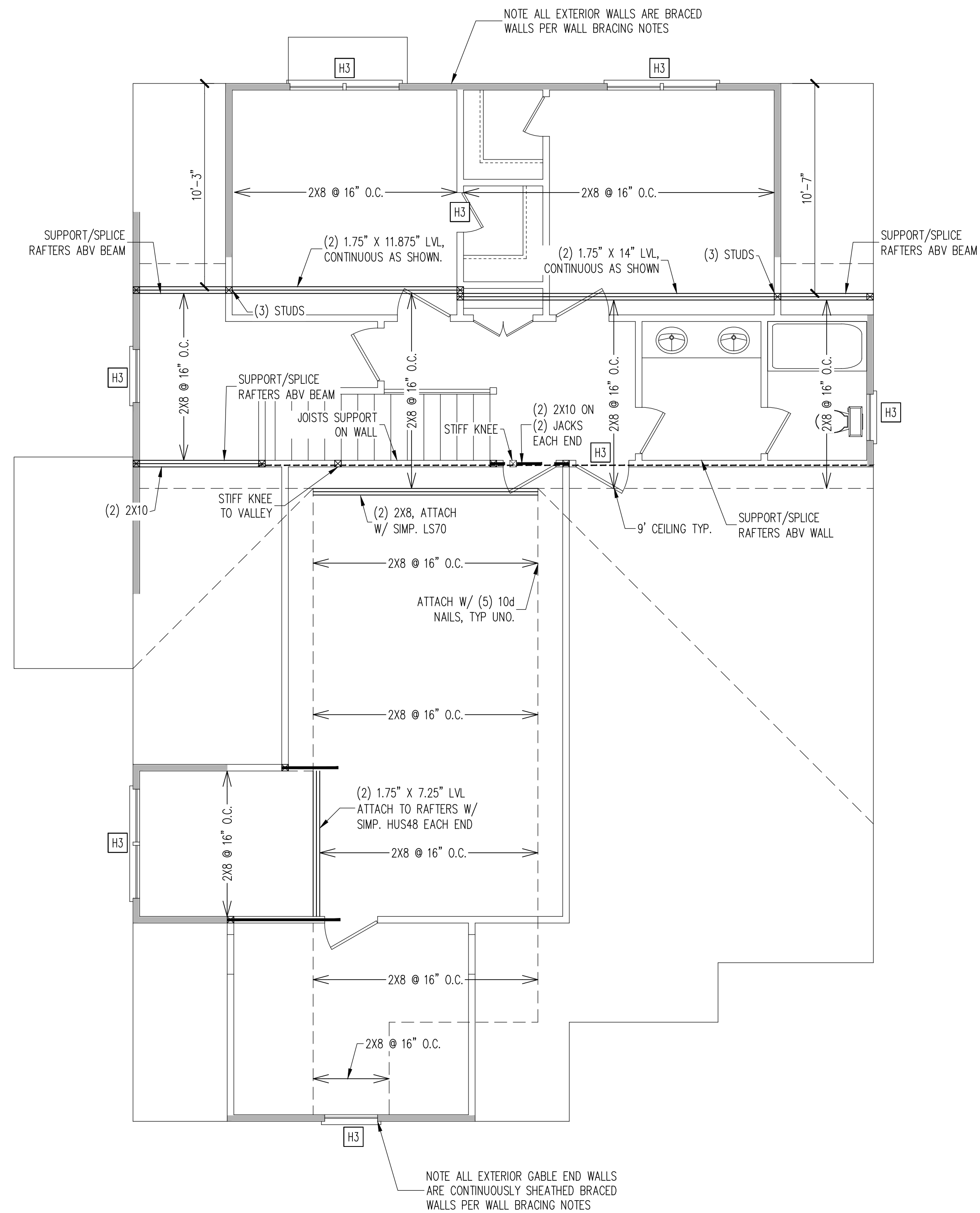
SCOPE:	J&W CUSTOM HOMES	
	STRUCTURAL ADDENDUM	
LOC:	REV #	REF PROJ #
	DATE	DATE
14d WILDWOOD POINT		

ENG: TRB/CR
DATE: 6/19/2024

PROJECT NO.:
24-17-006

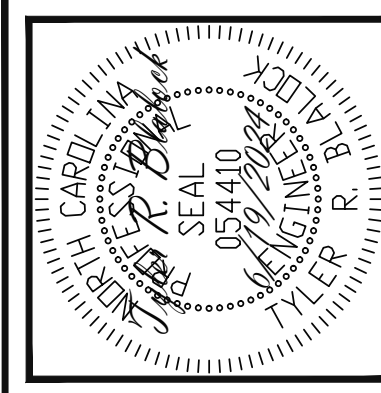
SHEET NO.:
S3
3 of 7

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WALL BRACING	
SHADED WALLS:	
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NOTES: PROVIDED CONTINUOUS SHEATHING = 75' MIN.	
REFERENCE PART 16.02 OF CONSTRUCTION SPECIFICATIONS FOR GENERAL WIND BRACING INFORMATION.	

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



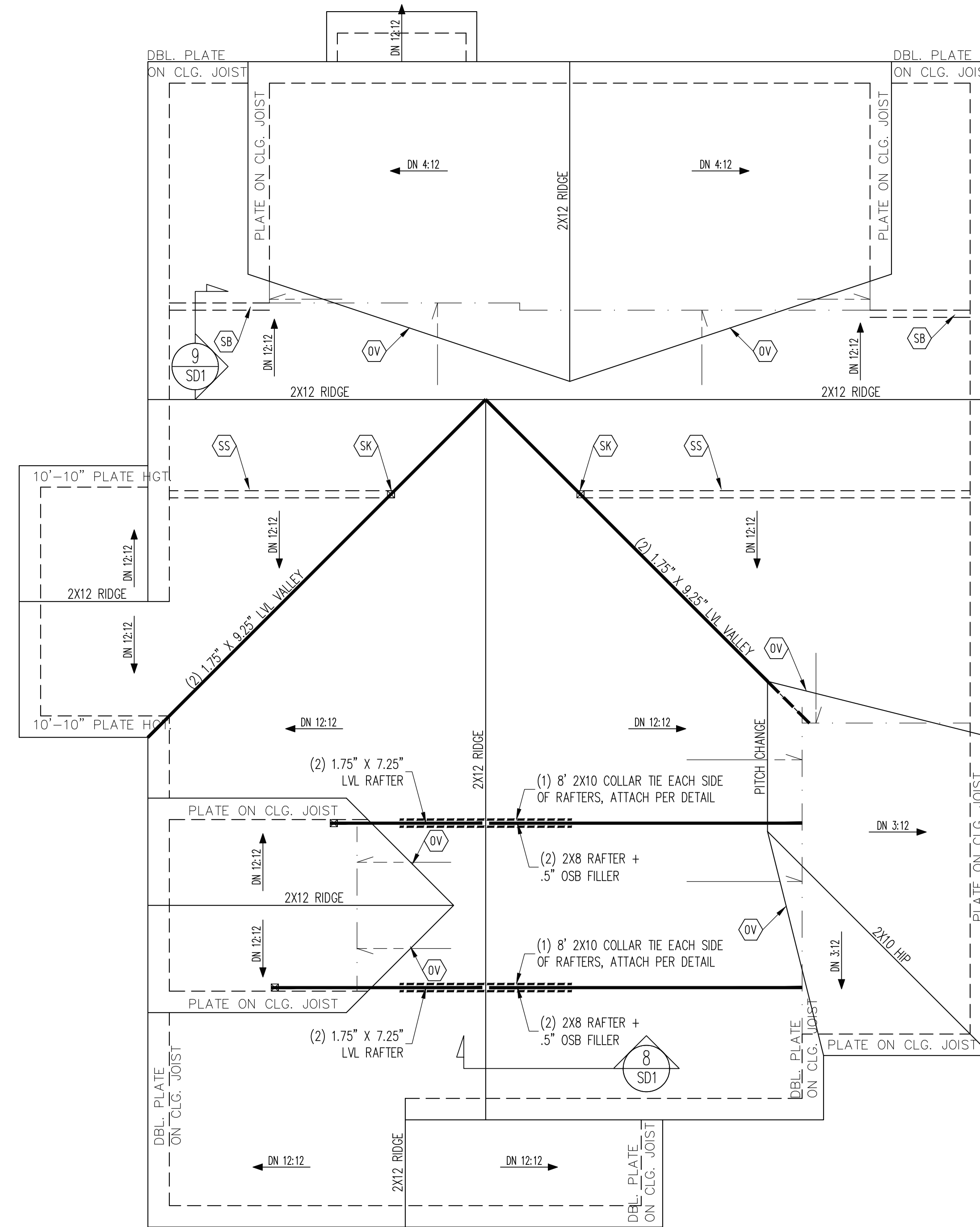
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J&W CUSTOM HOMES	
SCOPE:	STRUCTURAL ADDENDUM
LOC:	14d WILDWOOD POINT
REV #	REF PROJ #
DATE	

ENG: TRB/CR
 DATE: 6/19/2024

PROJECT NO.
 24-17-006

SHEET NO.
 S4
 4 of 7

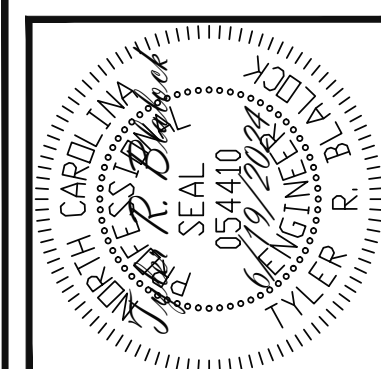


FRAMING NOTES
 ROOF ONLY
 -COMMON RAFTERS 2X8 @ 16" O.C. TYP U.N.O.
 -COLLAR TIES 2X4 EVERY 3RD SET OF RAFTERS TYP U.N.O.
 -VERIFY ROOF PITCHES, OVERHANG LENGTHS, AND KNEEWALL FRAMING HGTS WITH ARCHITECTURAL DRAWINGS, TYPICAL.

FRAMING SCHEDULE
 ROOF ONLY

DR	DOUBLE RAFTER
OV	OVERFRAME VALLEY (2X10 SLEEPER)
SB	SUPPORT/SPICE RAFTERS ON BEAM BELOW
SK	TRPL 2X4 STIFF KNEE
SS	SUPPORT/SPICE RAFTERS ON KNEEWALL BELOW

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



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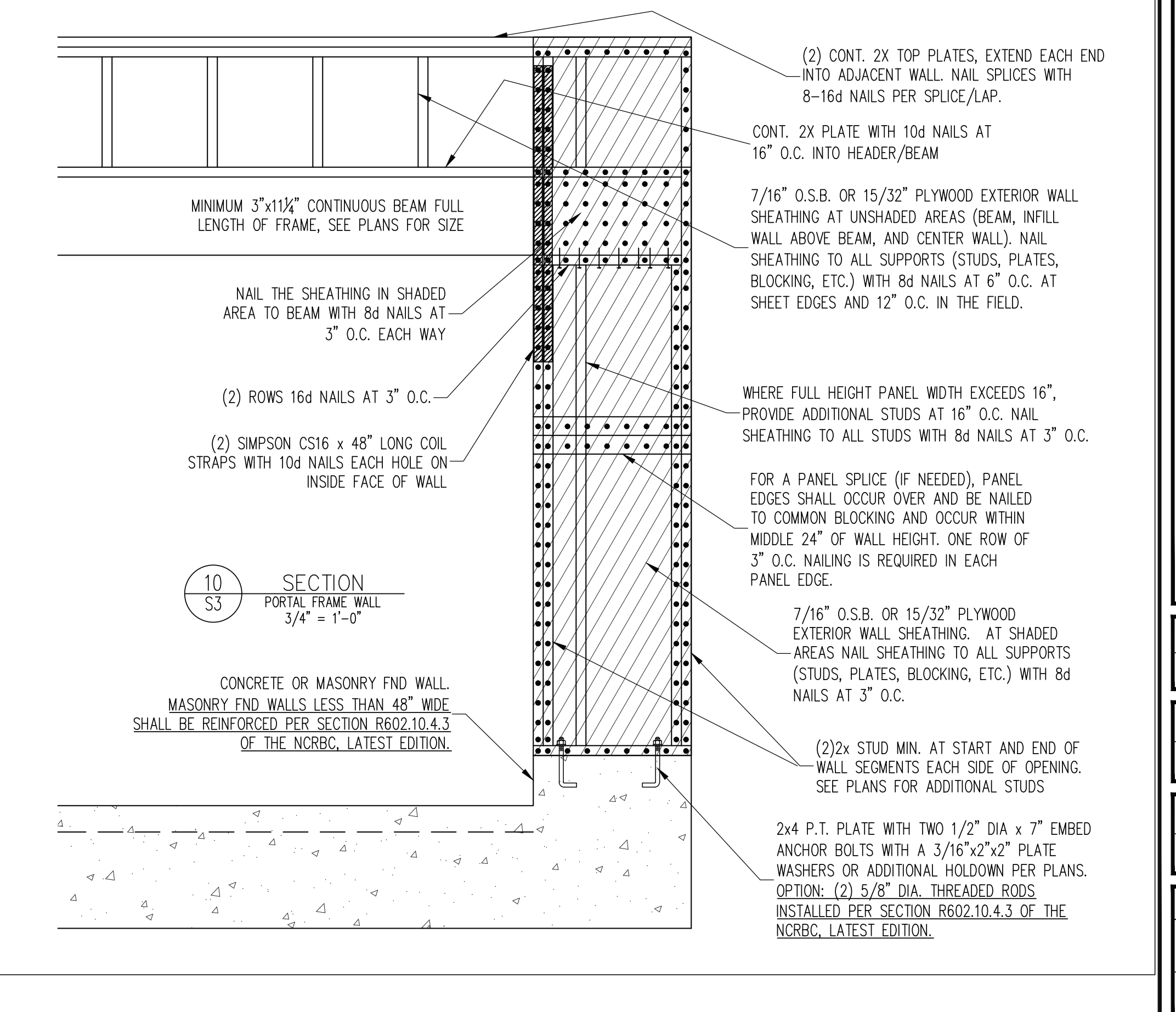
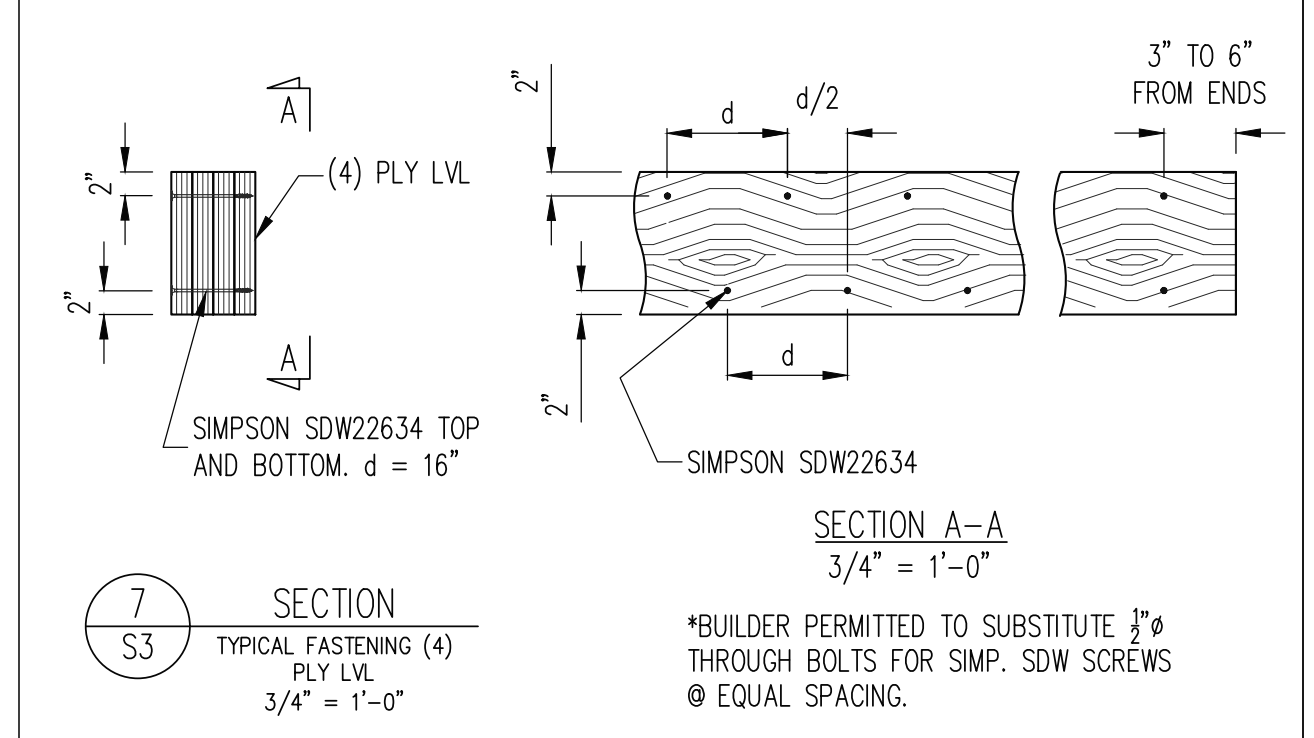
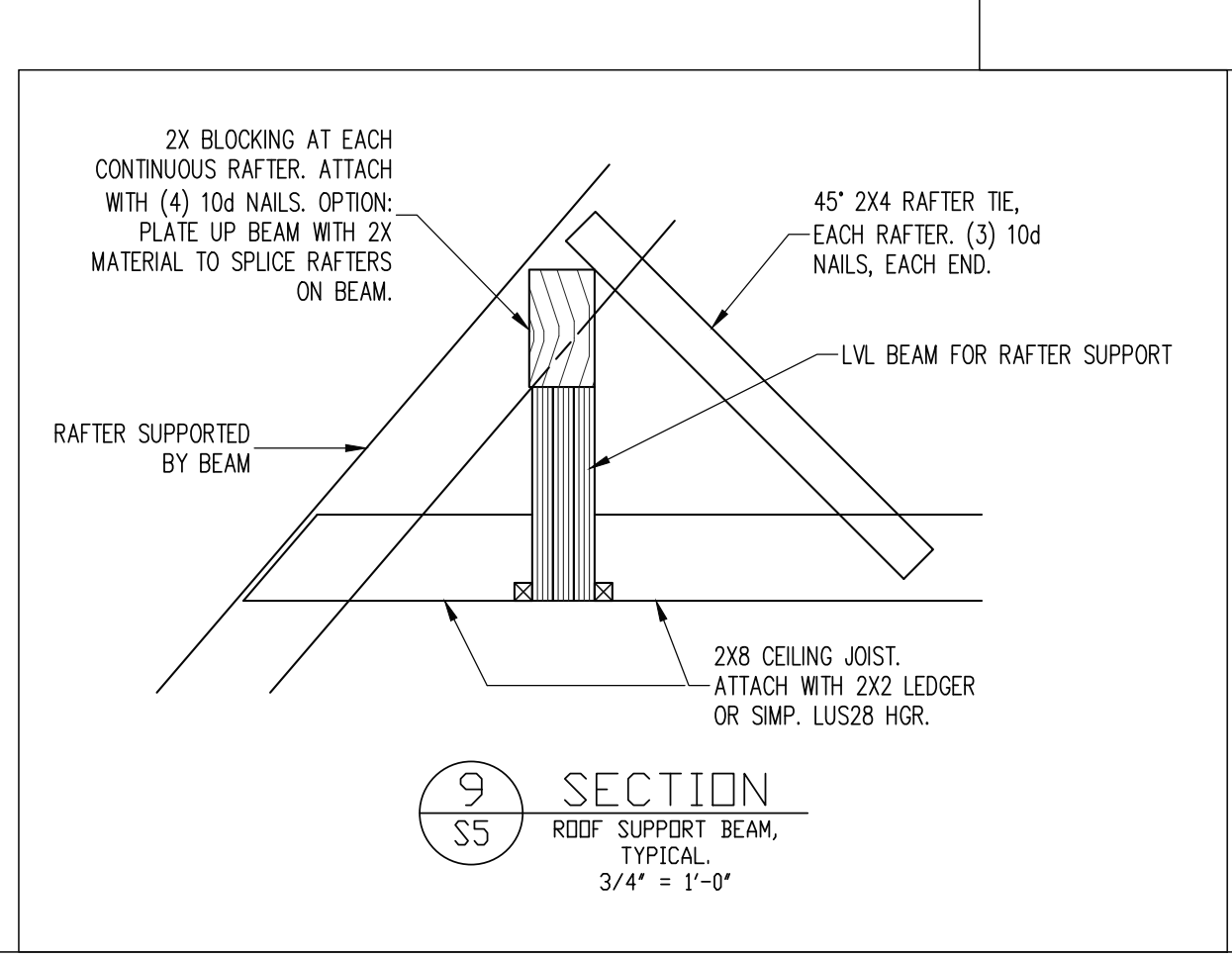
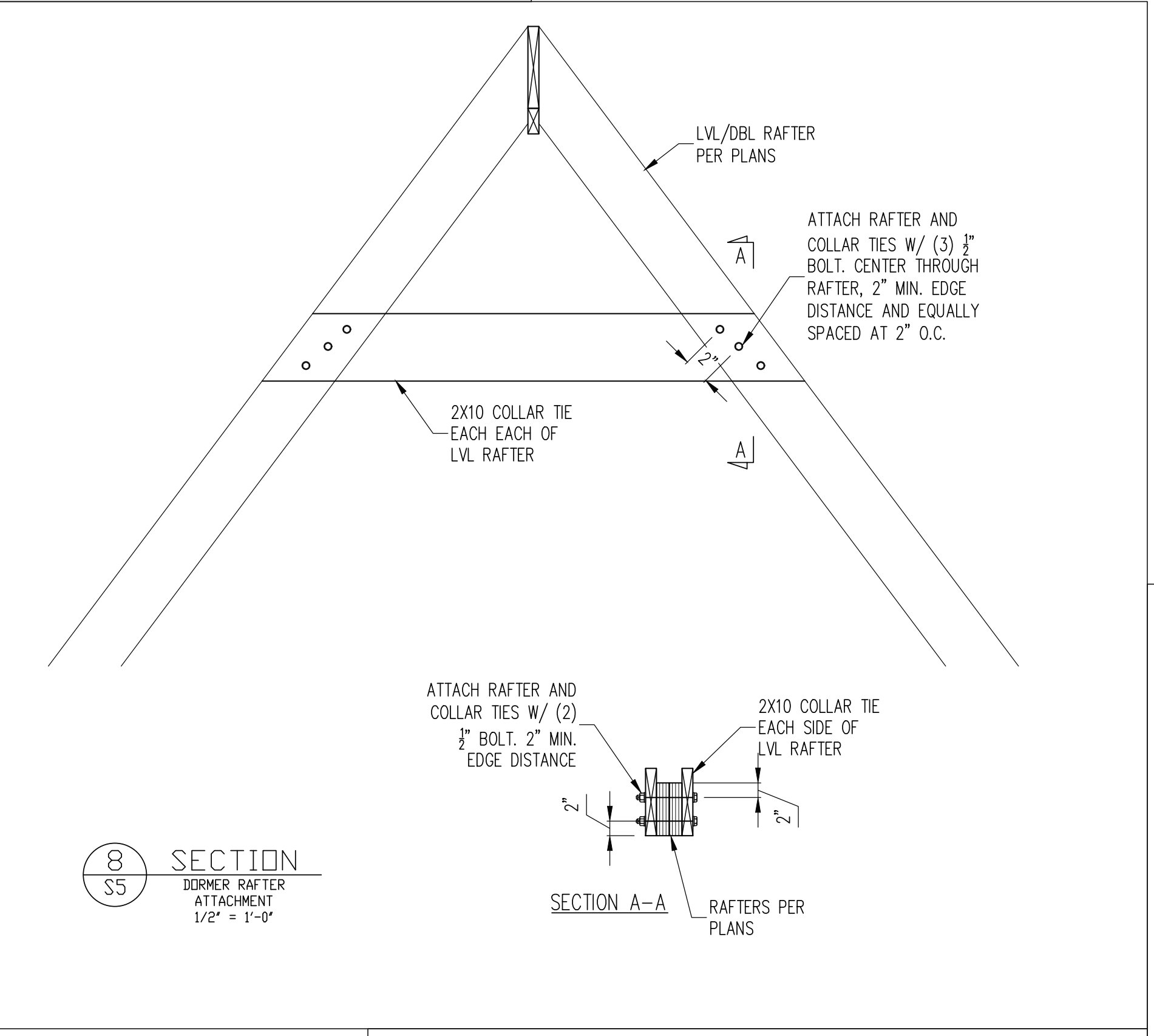
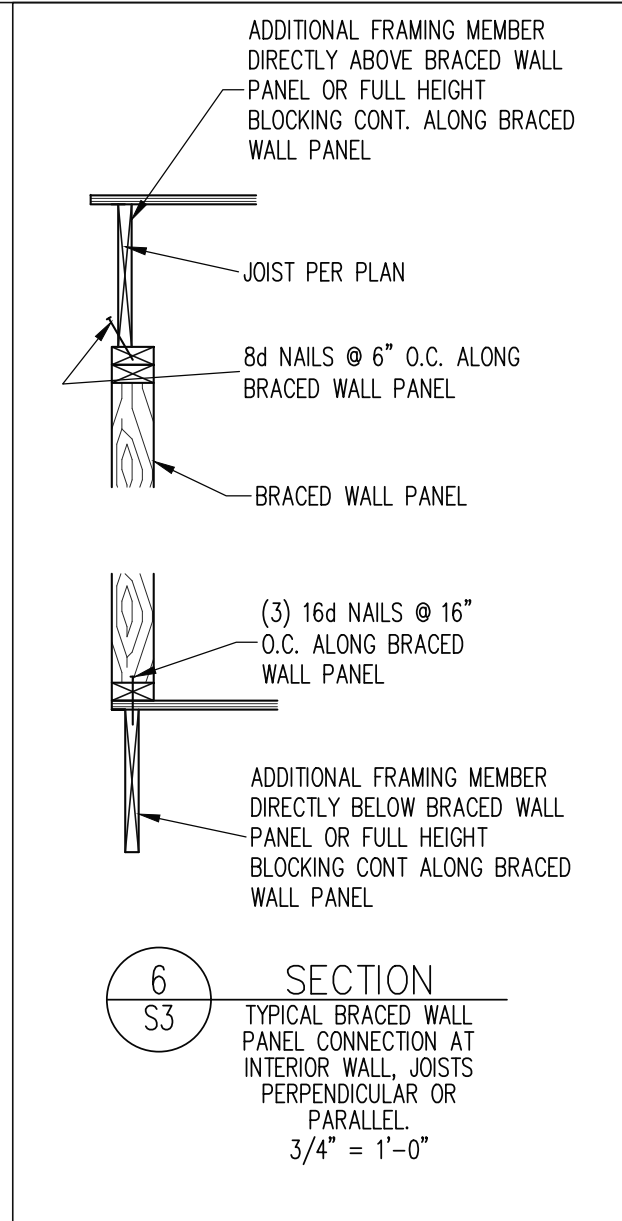
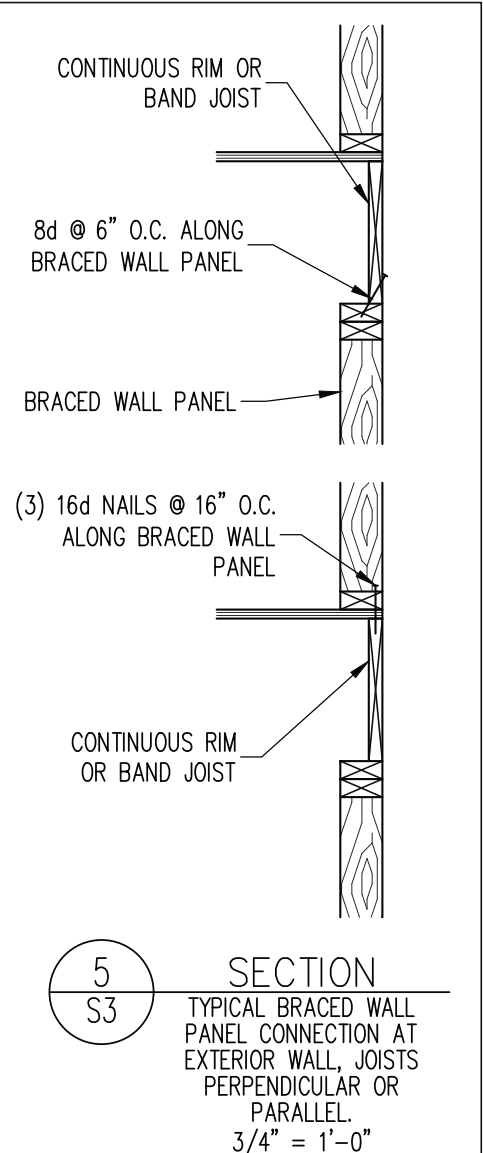
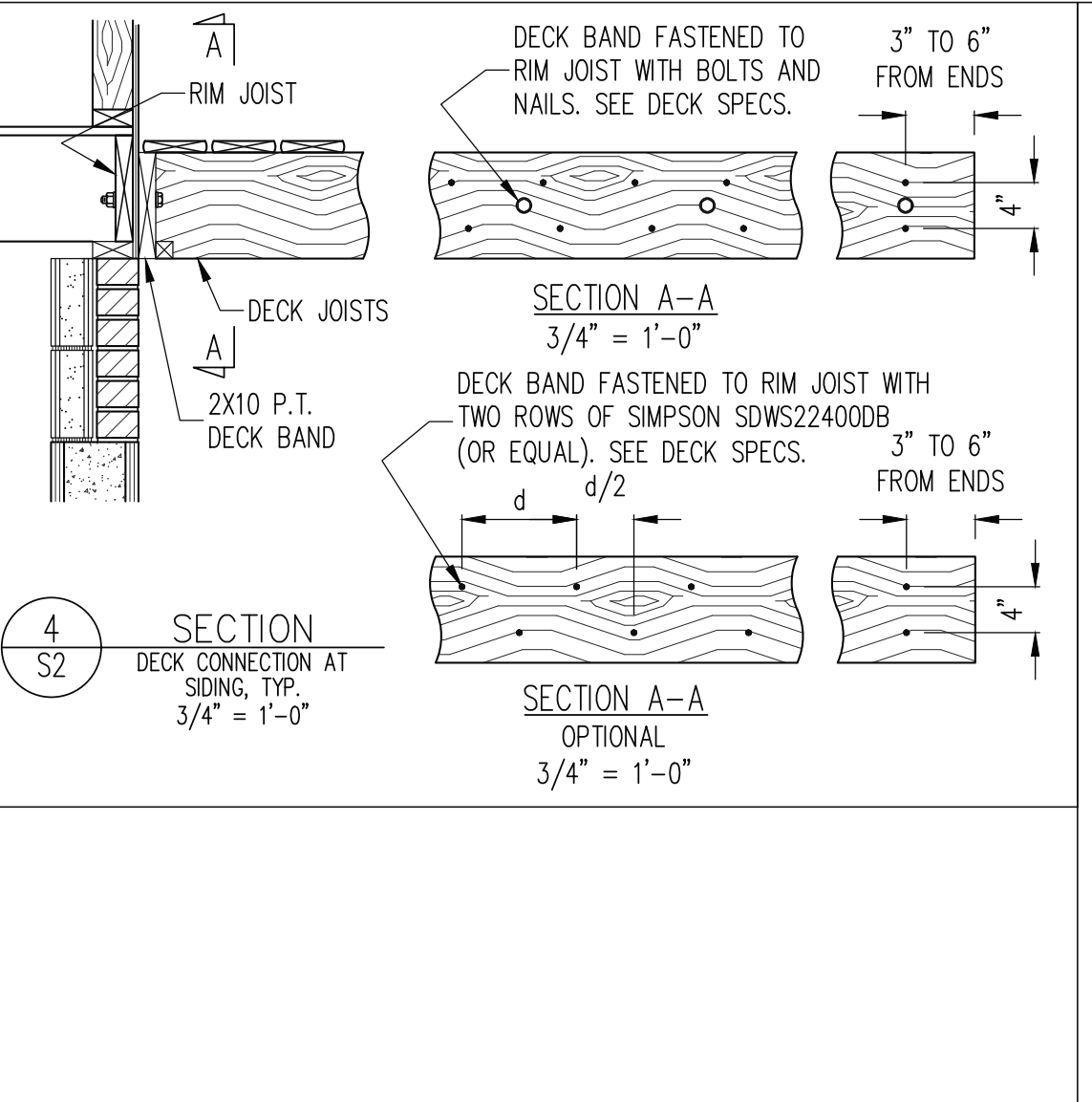
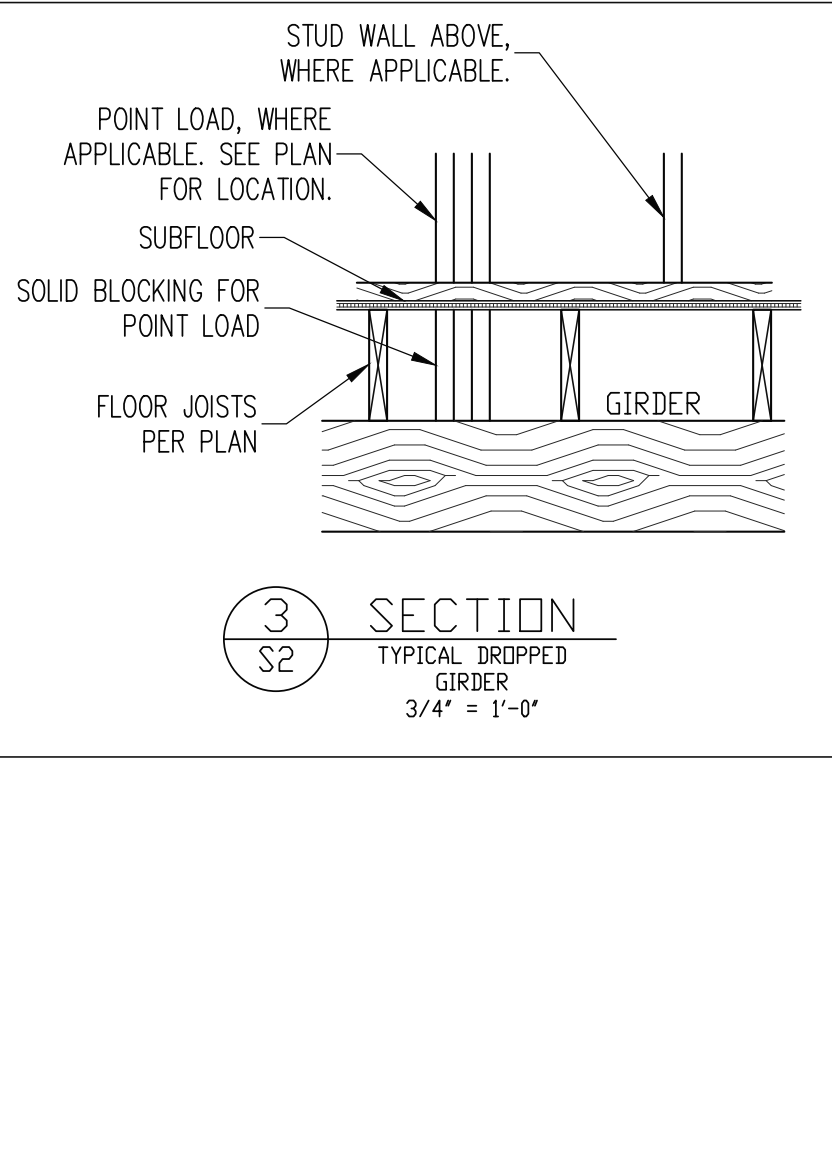
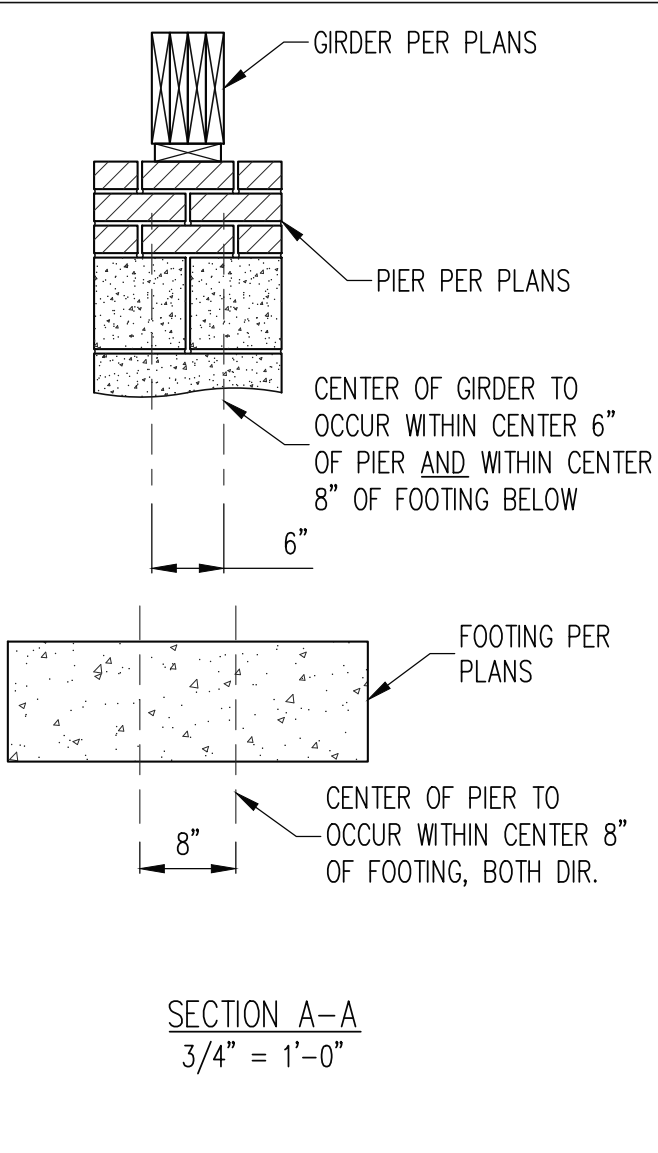
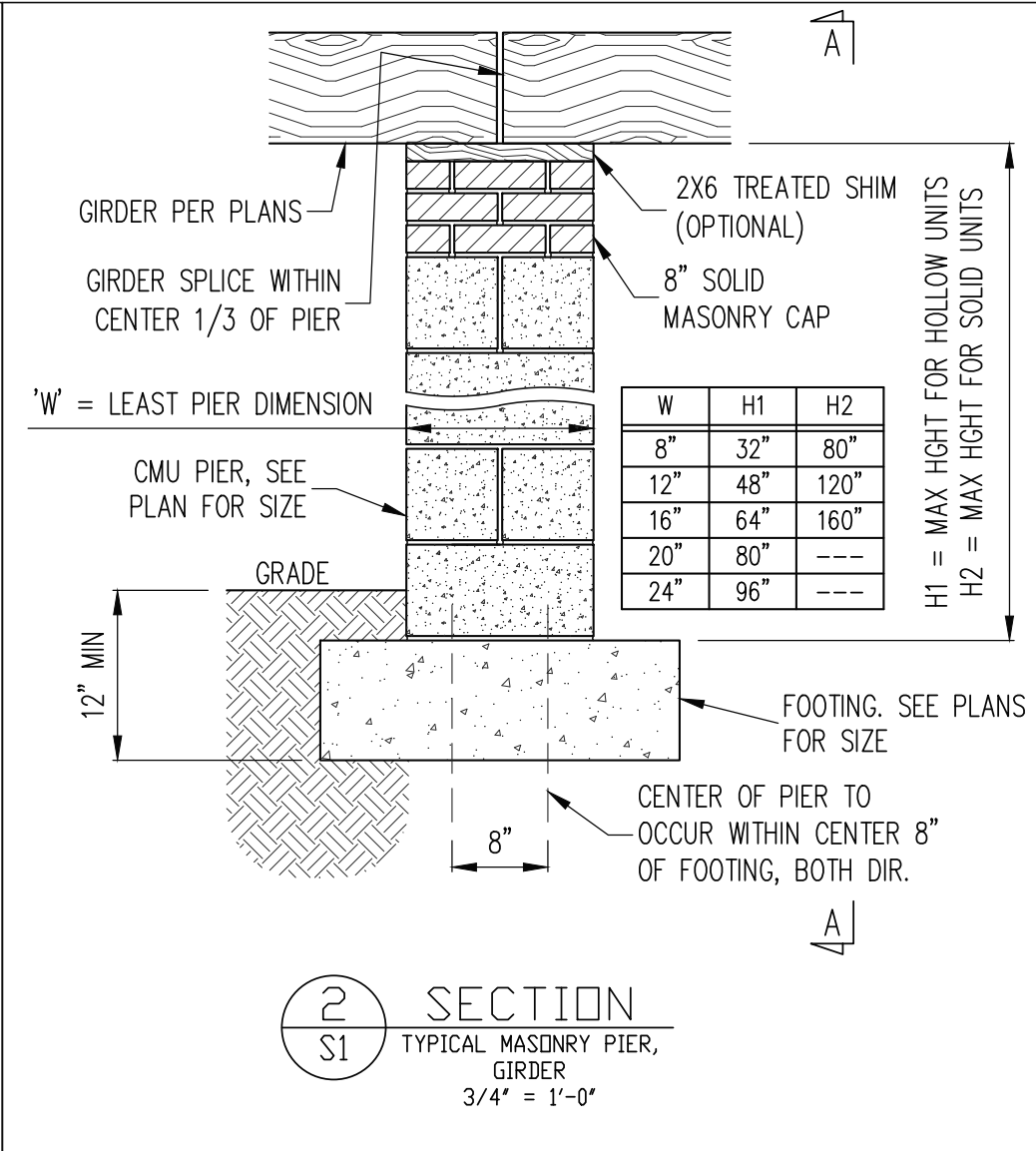
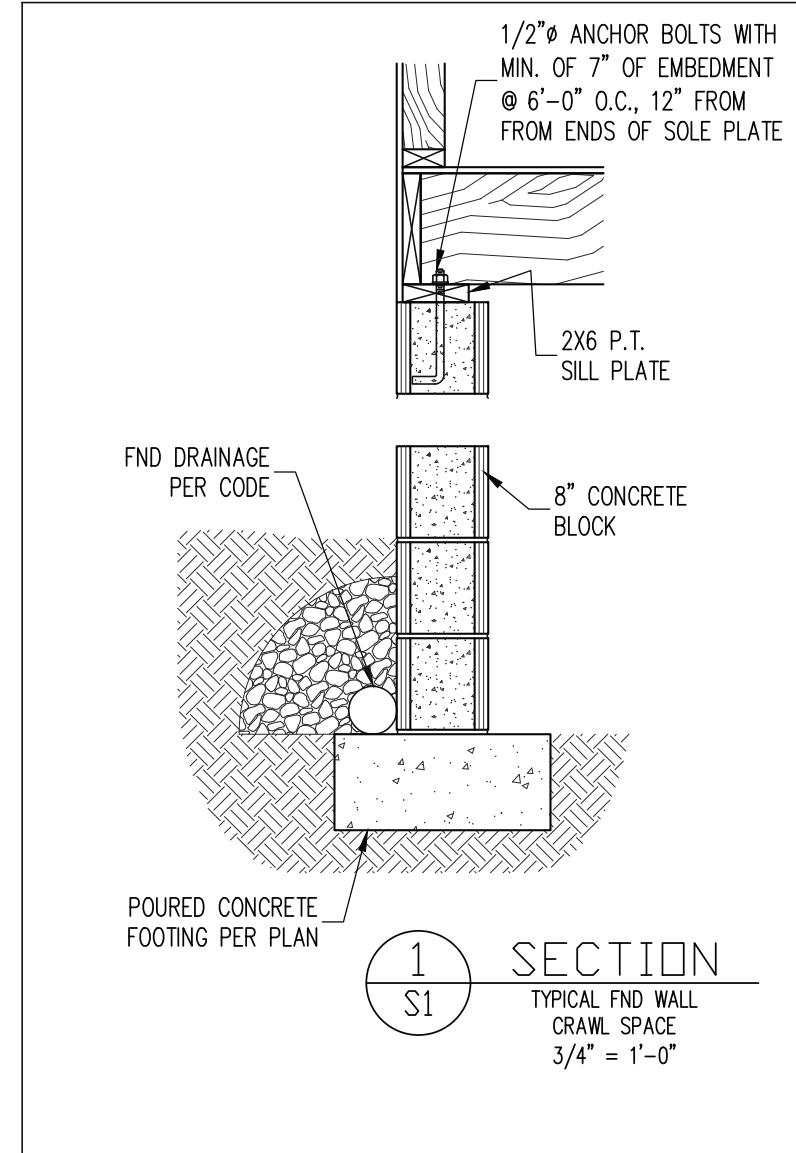
J&W CUSTOM HOMES	
STRUCTURAL ADDENDUM	
SCOPE:	14d WILDWOOD POINT
LOC:	
REV #	REF PROJ #
DATE	

ENG: TRB/CR
 DATE: 6/19/2024

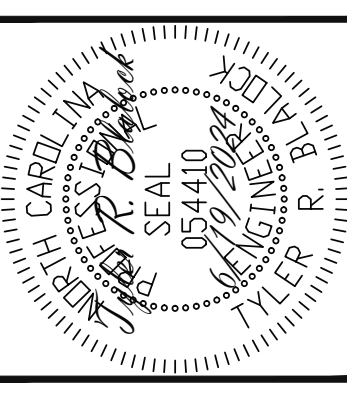
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SHEET NO.
 S5
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SCOPE:	J&W CUSTOM HOMES	
	STRUCTURAL ADDENDUM	
LOC:	14d WILDWOOD POINT	DATE
REV #	REF PROJ #	DATE

ENG: TRB/CR
DATE: 6/19/2024

PROJECT NO.
24-17-006

SHEET NO.
SD1
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CONSTRUCTION SPECIFICATIONS

PART 1: GENERAL
1.01 CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION.
1.02 DIMENSIONS SHOWN SHALL GOVERN OVER SCALE ON THESE DRAWINGS.
1.05 METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR...

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 FOLLOWING CONDITIONS ARE NOTED BEFORE OR DURING CONSTRUCTION.
1) THE WORKING PLANS DO NOT BEAR THE SEAL OF THE EOR
2) THE PLANS CONTAIN DISCREPANT OR INCOMPLETE INFORMATION

ABBREVIATIONS

Table with 4 columns: Abbreviation, Description, Abbreviation, Description. Includes ABV ABOVE, B. BOTH, B.E. BOTH ENDS, BTWN BETWEEN, CIP CAST IN PLACE, CONC CONCRETE, CS CONTINUOUS SHEATHING, DIA DIAMETER, DBL DOUBLE, DJ DOUBLE JOIST, DSP DBL STUD POCKET, EQ EQUAL, EA EACH, FLG FLANGE, FL PL FLUTCH PLATE, FLR FLOOR, FND FOUNDATION, FFC FOOTING, HDG HOT DIPPED, GALV GALVANIZED, HGR HANGER, LAM LAMINATED VENEER LUMBER, NTS NOT TO SCALE, O.C. ON CENTER, PSL PARALLEL STRAND LUMBER, PT PRESSURE TREATED, QJ QUAD JOIST, SP SPACE (OR SPACING), SSP SINGLE STUD POCKET, SQ SQUARE, TJ TRIPLE JOIST, TYP TYPICAL, TRPL TRIPLE, TSP TRIPLE STUD POCKET, UNO UNLESS NOTED OTHERWISE, XJ EXTRA JOIST

ALLOWABLE I-JOIST SUBSTITUTION

Table with 4 columns: Manufacturer, Depth, Series, Simpson Face Mount Hgr, Simpson Top Flange Hgr. Lists joist brands like BLUELINK, BOISE CASCADE, LP CORP, NORDIC, ROSEBURG, WEYERHAEUSER with their respective specifications.

DECK SPECIFICATIONS

1. A DECK IS AN EXPOSED EXTERIOR WOOD FLOOR STRUCTURE WHICH MAY BE ATTACHED TO A STRUCTURE OR BE FREE STANDING. ROOFED PORCHES, OPEN OR SCREENED IN, MAY BE CONSTRUCTED USING THESE PROVISIONS.
2. SUPPORT POSTS SHALL BE SUPPORTED BY A FOOTING.
3. WHEN ATTACHED TO A STRUCTURE, THE STRUCTURE TO WHICH ATTACHED SHALL HAVE A TREATED WOOD BAND FOR THE LENGTH OF THE DECK, OR CORROSION RESISTANT FLASHING SHALL BE USED TO PREVENT MOISTURE FROM COMING IN CONTACT WITH THE UNTREATED FRAMING OF THE STRUCTURE...

Table with 2 columns: JOIST SPAN, DECKING. Lists joist spans (12" O.C., 16" O.C., 24" O.C., 32" O.C.) and corresponding decking (1" S4S, 1" T&G, 1 1/4" S4S, 2" S4S).

Table with 2 columns: POST SIZE, MAX POST HEIGHT. Lists post sizes (4x4, 6x6, ENGINEERED) and max post heights (8', 20', 20' +).

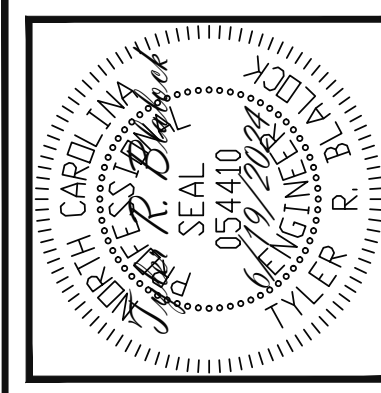
NOTES: 1) THIS TABLE IS BASED ON NO. 2 TREATED SOUTHERN PINE POSTS. 2) THIS TABLE IS BASED ON A MAXIMUM TRIBUTARY AREA OF 128 SQ. FT. 3) POST HEIGHT IS FROM TOP OF FOOTING TO BOTTOM OF GRADER.

DECKS SHALL BE BRACED TO PROVIDE LATERAL STABILITY BY ONE OF THE FOLLOWING METHODS:
A. WHEN THE DECK FLOOR HEIGHT IS LESS THAN 4'-0" AND THE DECK IS ATTACHED TO THE STRUCTURE IN ACCORDANCE WITH SECTION 4, LATERAL BRACING IS NOT REQUIRED.
B. 4X4 WOOD KNEE BRACES MAY BE PROVIDED ON EACH COLUMN IN BOTH DIRECTIONS. THE KNEE BRACES SHALL ATTACH TO EACH POST AT A POINT NOT LESS THAN 1/3 OF THE POST LENGTH FROM THE TOP OF THE POST, AND THE BRACES SHALL BE ANGLED BETWEEN 45 AND 60 DEGREES FROM THE HORIZONTAL. KNEE BRACES SHALL BE ATTACHED AT THE ENDS TO THE GRADER AND THE POST WITH ONE - 5/8" BOLT

Table with 5 columns: POST SIZE, TRIBUT. AREA, POST HEIGHT, EMB. DEPTH, CONC. DIAM. Lists post sizes (4x4, 6x6) and their corresponding tributary areas, post heights, embedment depths, and concrete diameters.

NOTES: 1) ALL NAILS AND BOLTS ARE TO BE HOT DIPPED GALVANIZED. 2) MINIMUM EDGE DISTANCE FOR BOLTS IS 2 1/2". 3) NAILS MUST PENETRATE THE SUPPORTING STRUCTURE BAND A MINIMUM OF 1 1/2".

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Project Information Table: SCOPE: STRUCTURAL ADDENDUM, LOC: 14d WILWOOD POINT, REV # REF PROJ #, DATE.

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PROJECT NO. 24-17-006

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