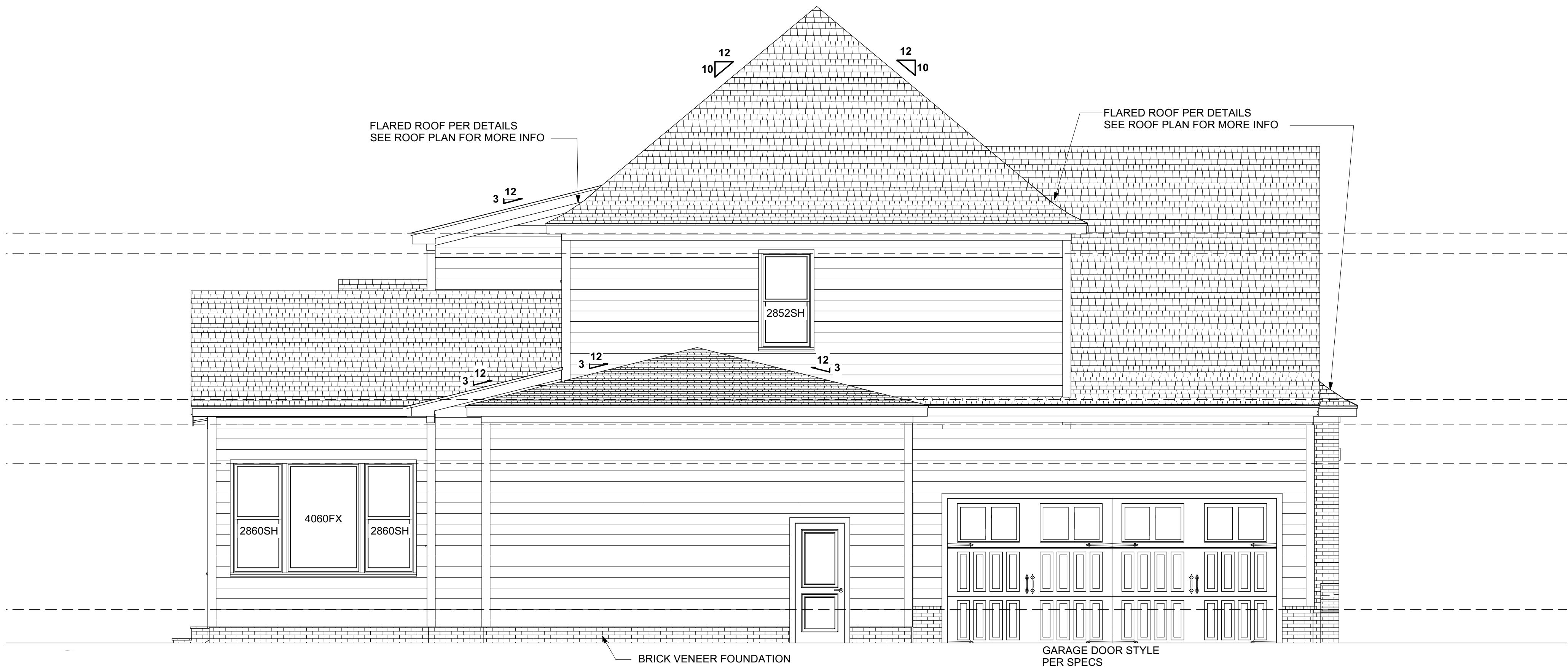




FRONT ELEVATION

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



LEFT ELEVATION

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

ELEVATION NOTES

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

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

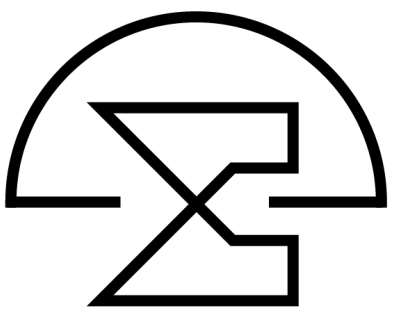
VENTING CALCULATIONS

CRAWL SPACE VENTILATION
THE MIN. NET FREE AREA OF CRAWL VENTILATION OPENINGS SHALL NOT BE LESS THAN 1 SQ. FT. FOR EACH 150 SQ. FT. OF CRAWL SPACE AREA.
2009 SQ. FT. CRAWL SPACE AREA / 150
13.4 SQ. FT. NET FREE AREA REQUIRED
*MAY BE REDUCED BY 50% W/ VAPOR BARRIER

ATTIC VENTILATION
3200 SQ. FT. OF ATTIC / 300 = 10.7 SQ. FT. OF INLET AND OUTLET. VENTILATION MAY BE REDUCED 50% WHEN VENTILATORS ARE USED AT LEAST 3'-0" ABOVE THE CORNICE VENTS.

MATERIAL LEGEND

- ASPHALT SHINGLES
- STANDING SEAM METAL ROOF
- HORIZONTAL LAP SIDING
- BOARD & BATTEN SIDING @ 16"O.C.
- SHAKE SIDING
- BRICK VENEER
- SYNTHETIC STONE VENEER
- PARGED BLOCK FOUNDATION



REVISIONS	
NUMBER	DATE

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ELEVATION NOTES

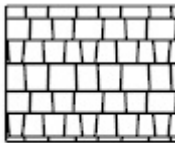
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MATERIAL LEGEND



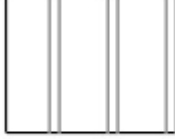
ASPHALT SHINGLES



STANDING SEAM METAL ROOF



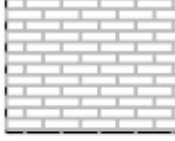
HORIZONTAL LAP SIDING



BOARD & BATTEN SIDING @ 16"O.C.



SHAKE SIDING



BRICK VENEER



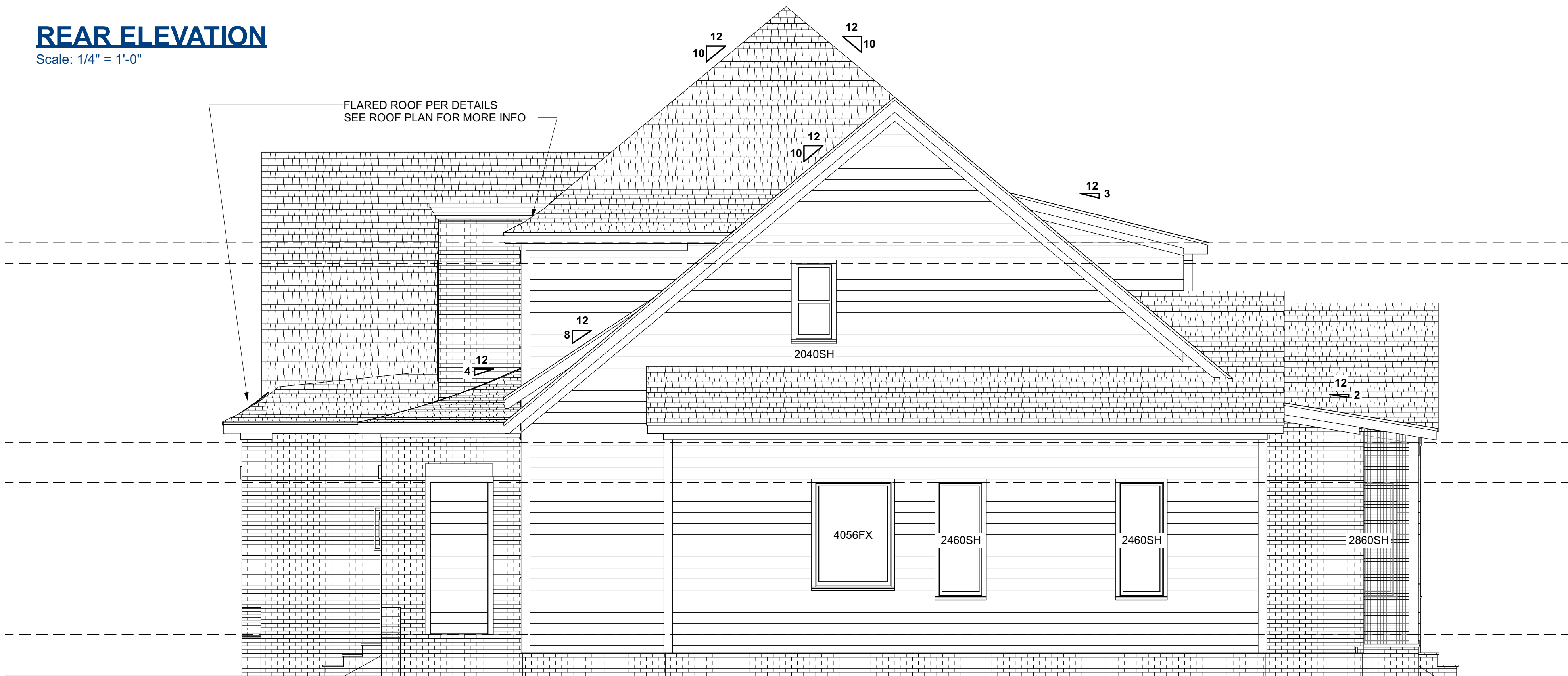
SYNTHETIC STONE VENEER



PARGED BLOCK FOUNDATION

REAR ELEVATION

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



RIGHT ELEVATION

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

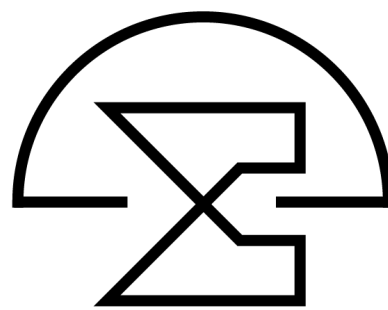
McMillan Design

847 Wake Forest Business Park, Suite 102

Wake Forest, NC 27587

919.263.1509

www.mcmillan-design.com



Copper Builders
Lot15 Sorrell Oaks
Youngsville, NC

Sheet Title:

Exterior Elevations

REVISIONS

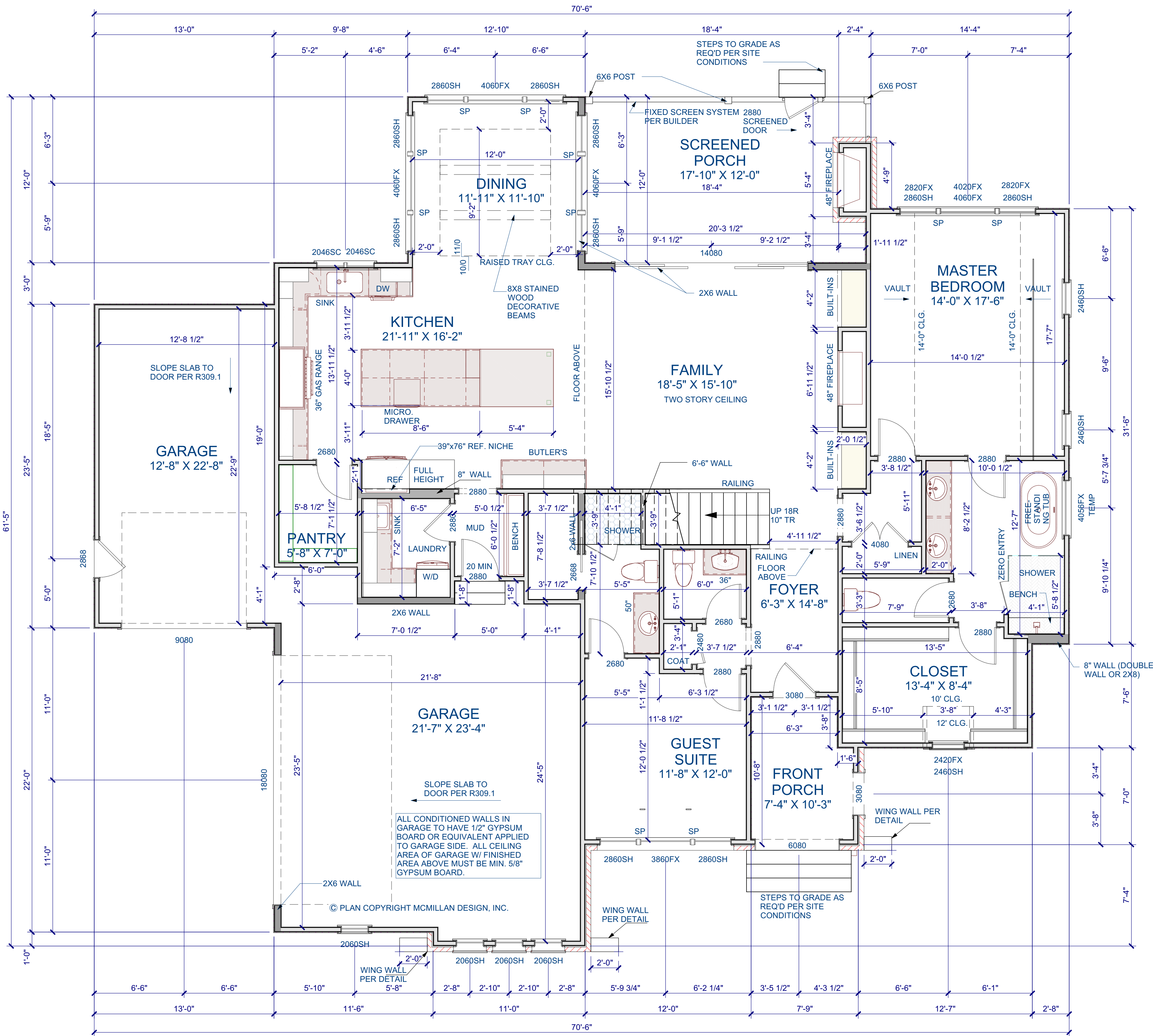
NUMBER	DATE

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Plan Number
M309-23
A-2

Sheet No.
By: vn
Date: 3/11/2024

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GENERAL NOTES

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

SMOKE DETECTORS
LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.

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

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

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

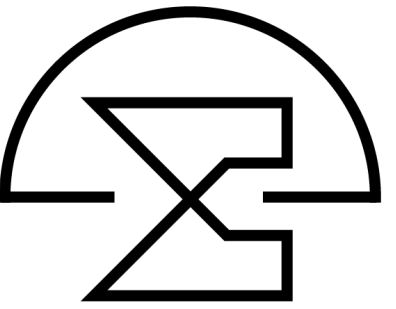
WINDOW NOTE LEGEND

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

Square Footage	
Heated Square Footage	2009
First Floor	2009
Second Floor	1133
Total Heated	3142
Unfinished	
Front Porch	77
Screened Porch	249
Three Car Garage	865
Total Unfinished	1191
Unfin. Storage and Options	
Walk-in Storage #1	159
Total Storage / Options	159

FIRST FLOOR PLAN

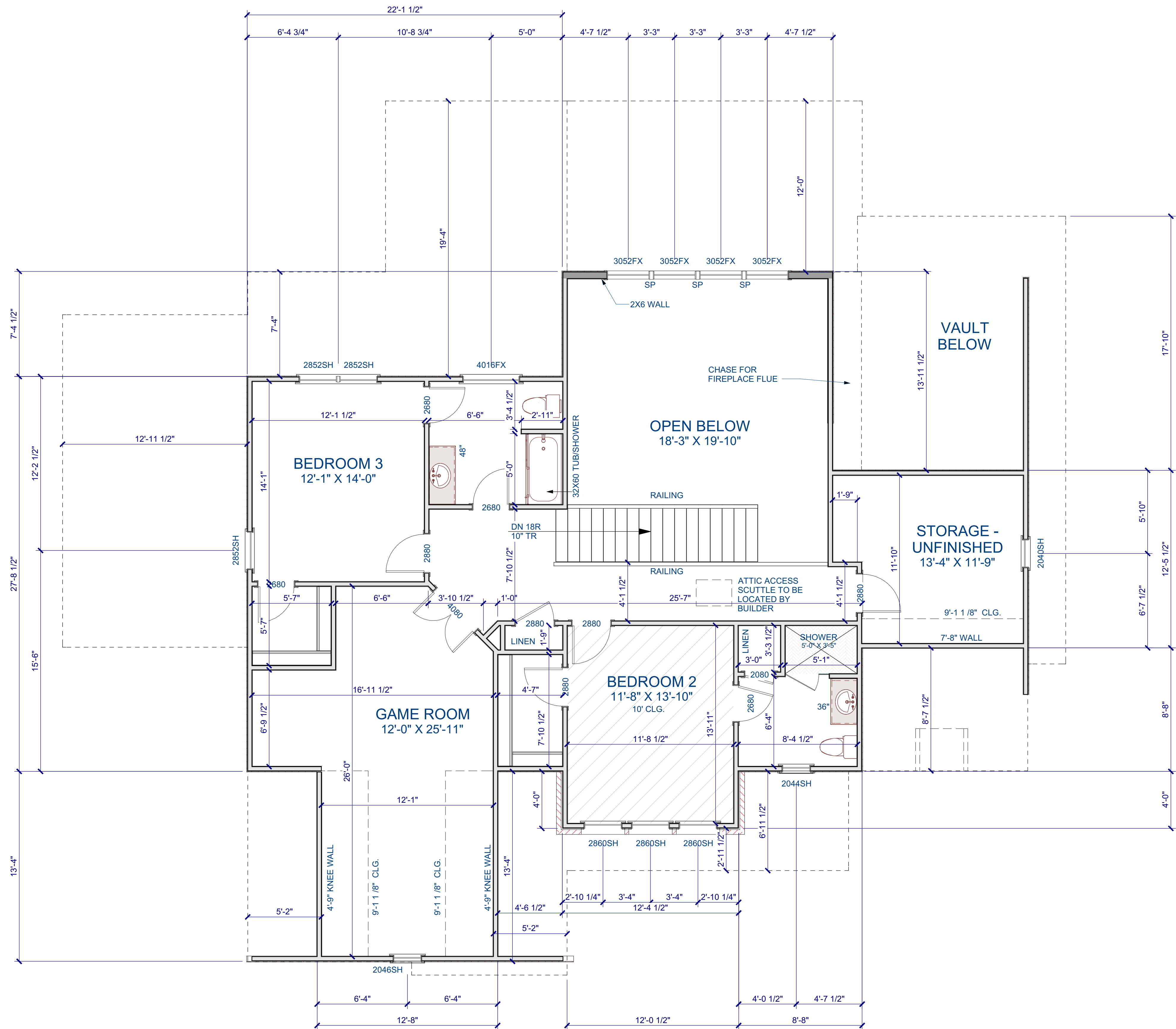
Scale: 1/4" = 1'-0"



REVISIONS

NUMBER	DATE

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SECOND FLOOR PLAN

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

GENERAL NOTES

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

SMOKE DETECTORS
LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.

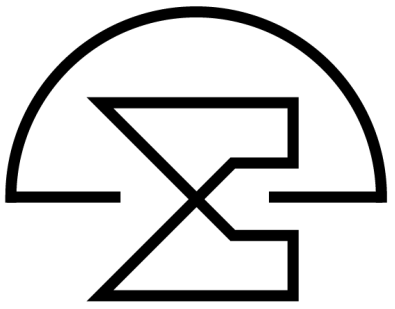
EGRESS
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH
CONFORMS TO R-310 OF THE N.C. BLDG. CODE. IT IS THE
CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS
MEET EGRESS REQUIREMENTS AS MANUFACTURERS VARY.

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

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

WINDOW NOTE LEGEND

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



Sheet Title:
Second Floor Plan

REVISIONS	
NUMBER	DATE

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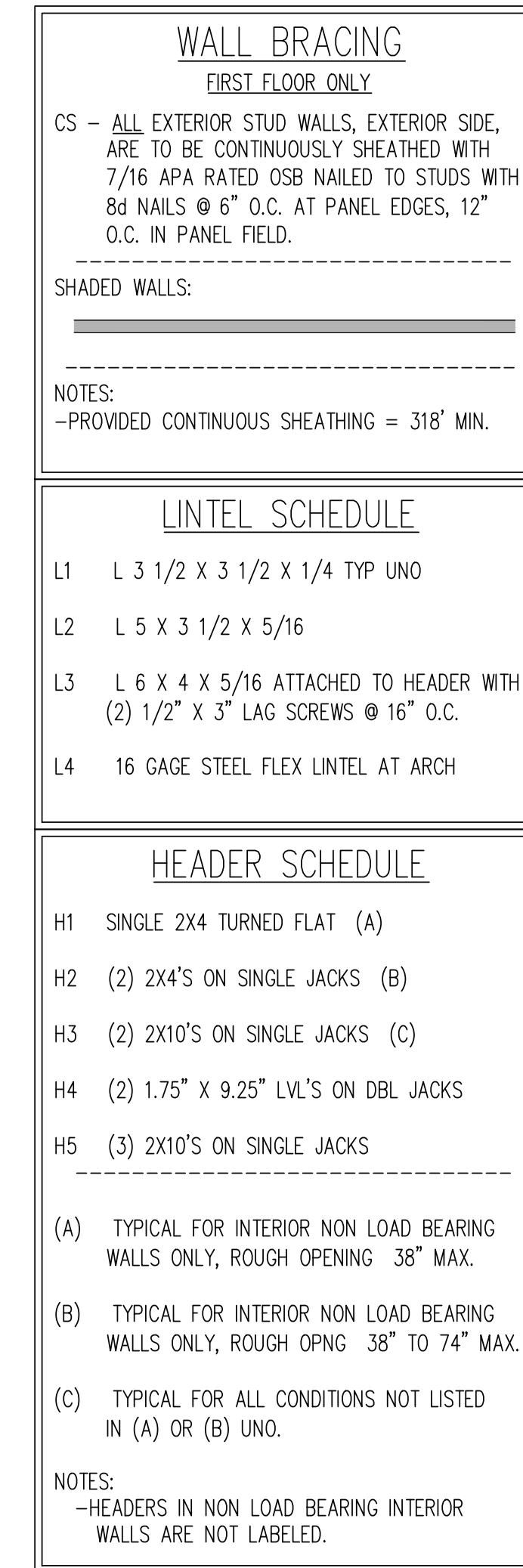
Plan Number
M309-23
A-4

Sheet No.
Drawn vn
By:
Date: 3/11/2024

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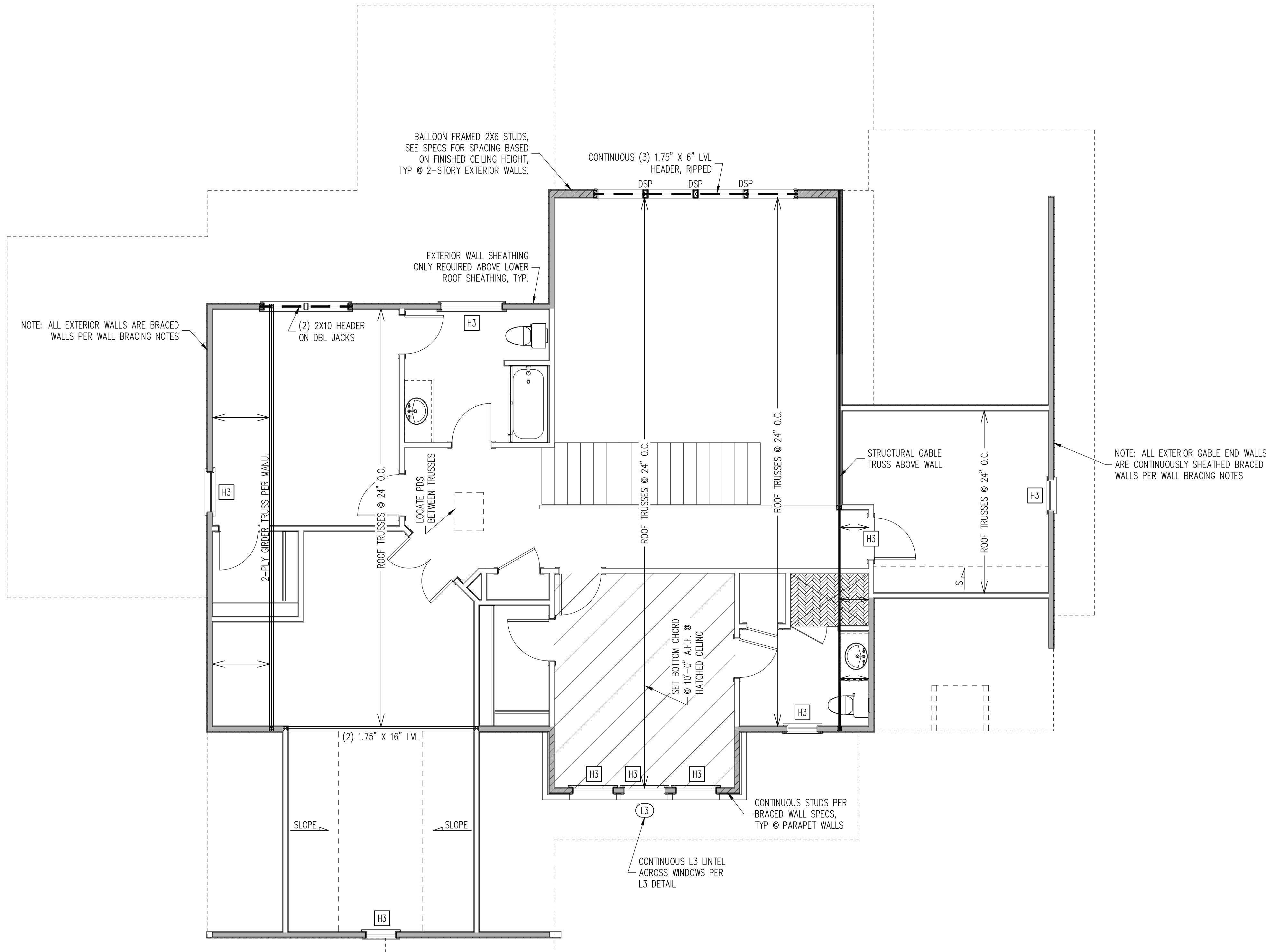
[illegible]

SHEET NO.
S3
3 of 7



1ST FLOOR FRAMING PLAN

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



WALL BRACING	
SECOND FLOOR ONLY	
CS - ALL EXTERIOR STUD WALLS, EXTERIOR SIDE, ARE TO BE CONTINUOUSLY SHEATHED WITH 7/16 APA RATED OSB NAILED TO STUDS WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD.	
SHADED WALLS:	
NOTES: -PROVIDED CONTINUOUS SHEATHING = 183' MIN.	

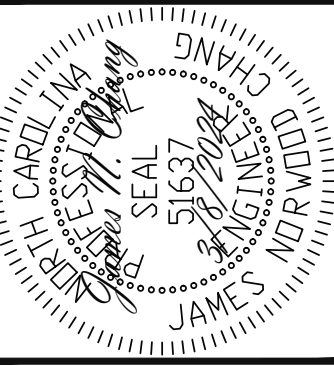
LINTEL SCHEDULE	
L1	L 3 1/2 X 3 1/2 X 1/4 TYP UNO
L2	L 5 X 3 1/2 X 5/16
L3	L 6 X 4 X 5/16 ATTACHED TO HEADER WITH (2) 1/2" X 3" LAG SCREWS @ 16" O.C.
L4	16 GAGE STEEL FLEX LINTEL AT ARCH

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

2ND FLOOR FRAMING PLAN

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

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STRUCTURAL ENGINEERS
License No. C-3870
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Raleigh, North Carolina 27615
Phone (919) 844-1661
ASSOCIATES, P.A.

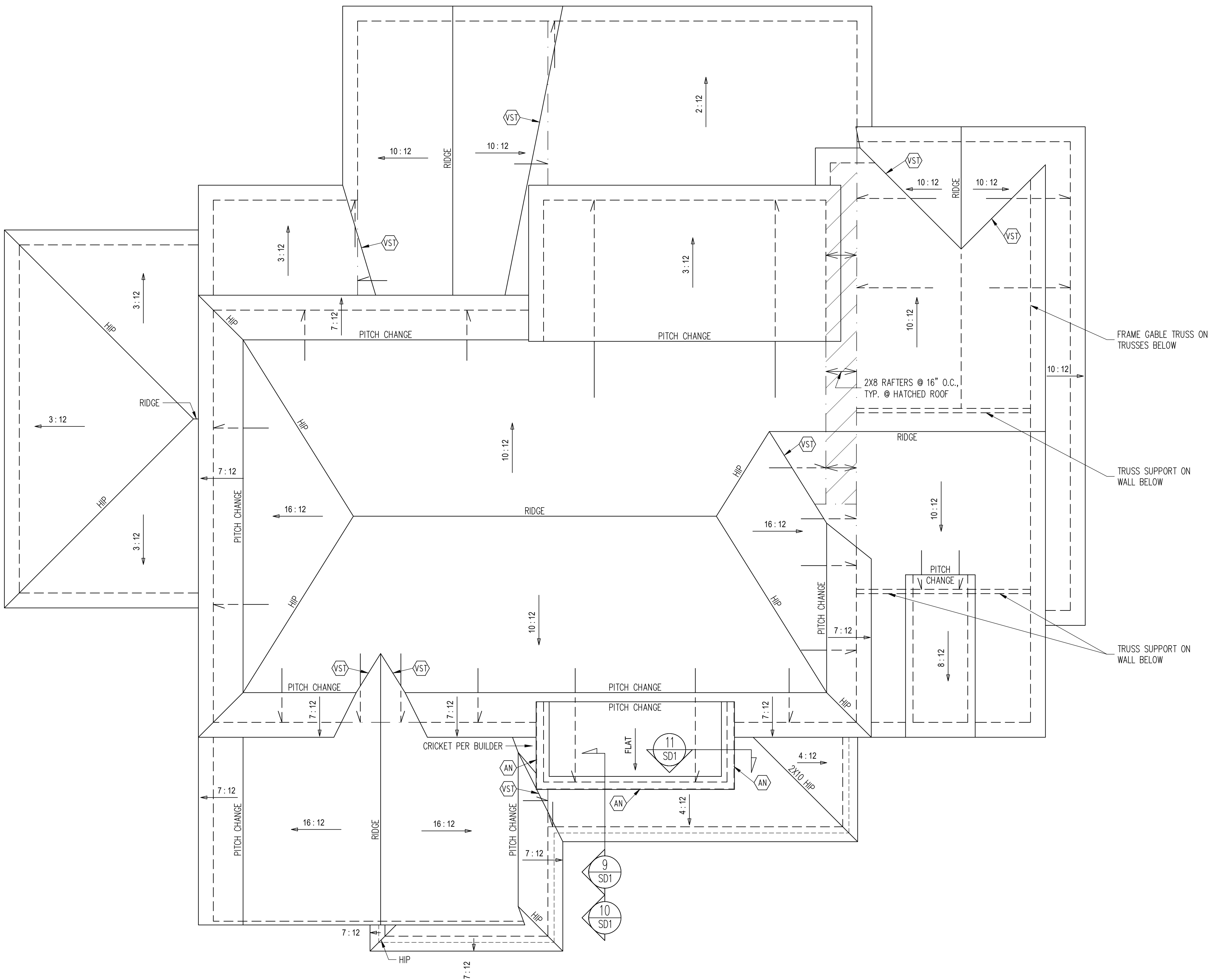
COPPER BUILDERS	
STRUCTURAL ADDENDUM	
SCOPE:	REV # REF PROJ # DATE
LOC:	15 PRESCOTT MANOR

ENG: JNC
DATE: 3/8/2024

PLAN
M309-23

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21-21-108

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S4
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FRAMING NOTES

ROOF ONLY

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

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

TRUSS UPLIFT CONNECTORS

EXPOSURE B, 120 MPH, ANY PITCH

24" O.C. MAX. ROOF TRUSS SPACING

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

ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.

ROOF SPAN UP TO 18'	CONNECTOR NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION
OVER 18'	(1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM

FRAMING SCHEDULE

ROOF ONLY

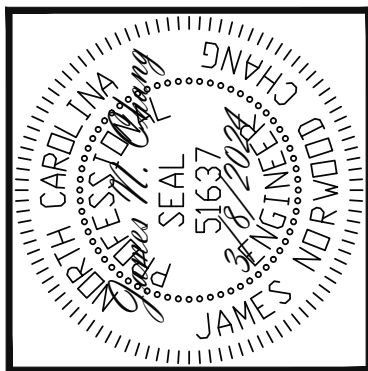
VST VALLEY SET TRUSSES

DR DOUBLE RAFTER

AN SUPPORT BRICK VENEER WITH ANGLE
ATTACHED TO MODIFIED STUD WALL

ROOF FRAMING PLAN

1/4" = 1'-0"



Engineering

Tech

ASSOCIATES, P.A.

STRUCTURAL ENGINEERS

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Phone (919) 844-1661

COPPER BUILDERS	
STRUCTURAL ADDENDUM	
SCOPE:	REV # REF PROJ # DATE
LOC:	15 PRESCOTT MANOR

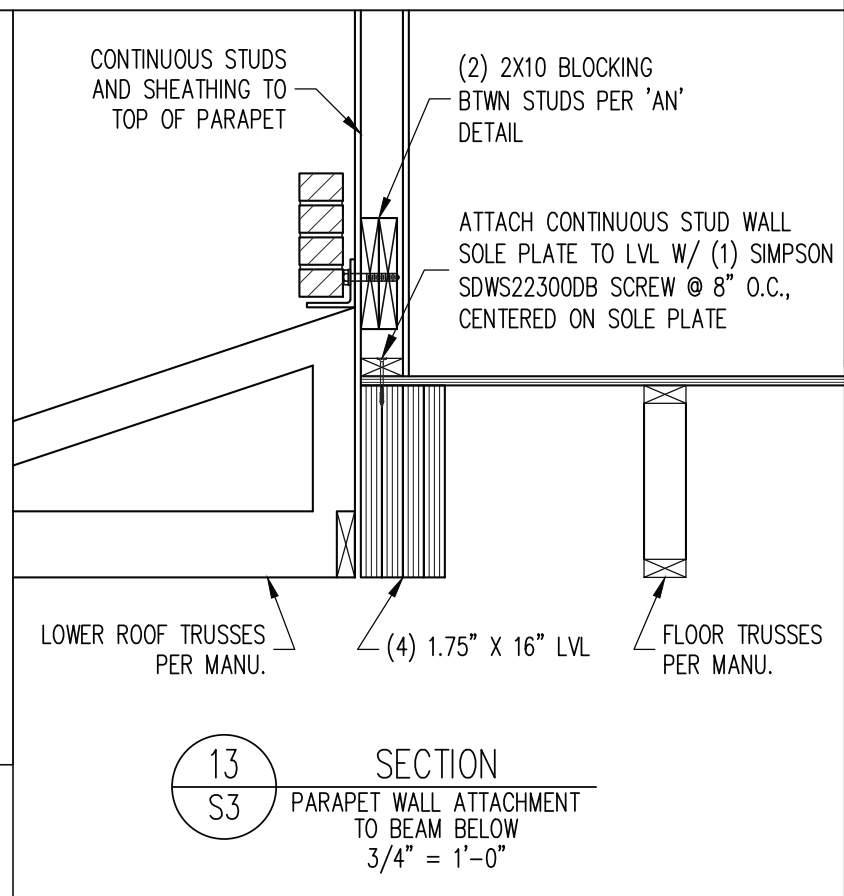
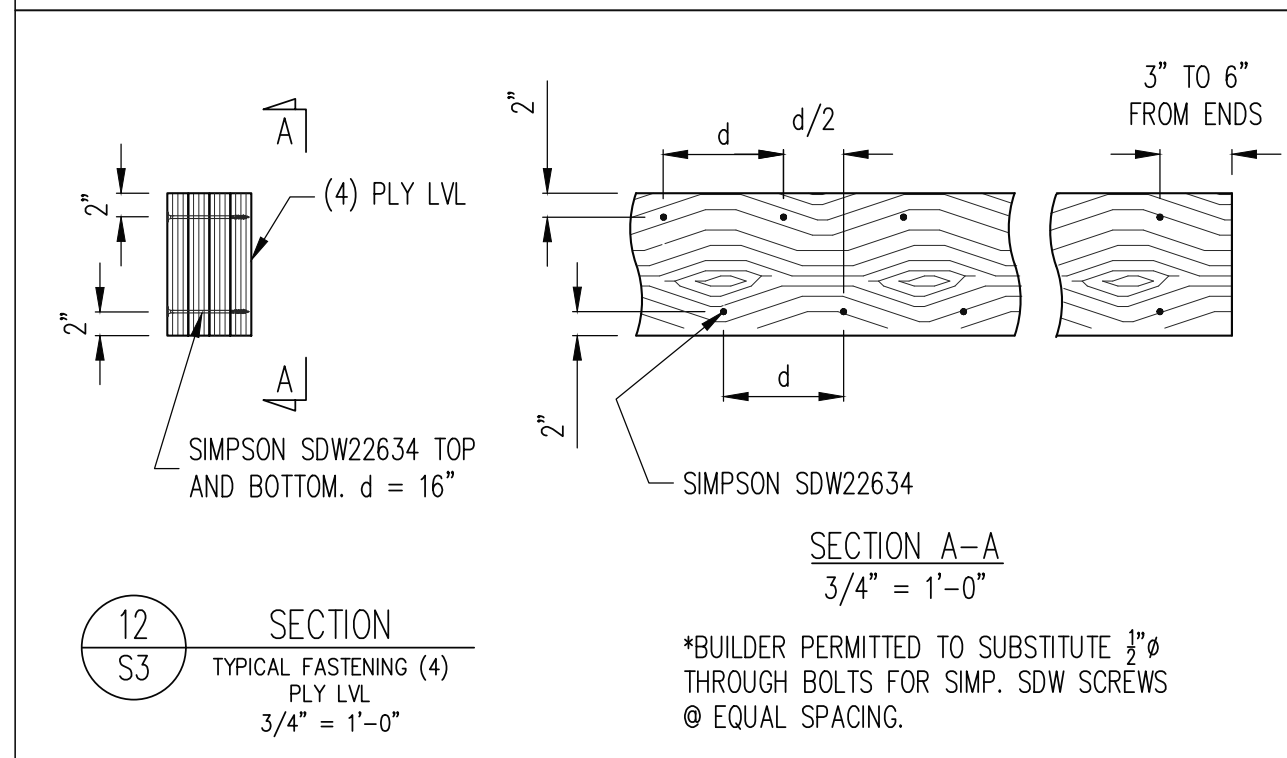
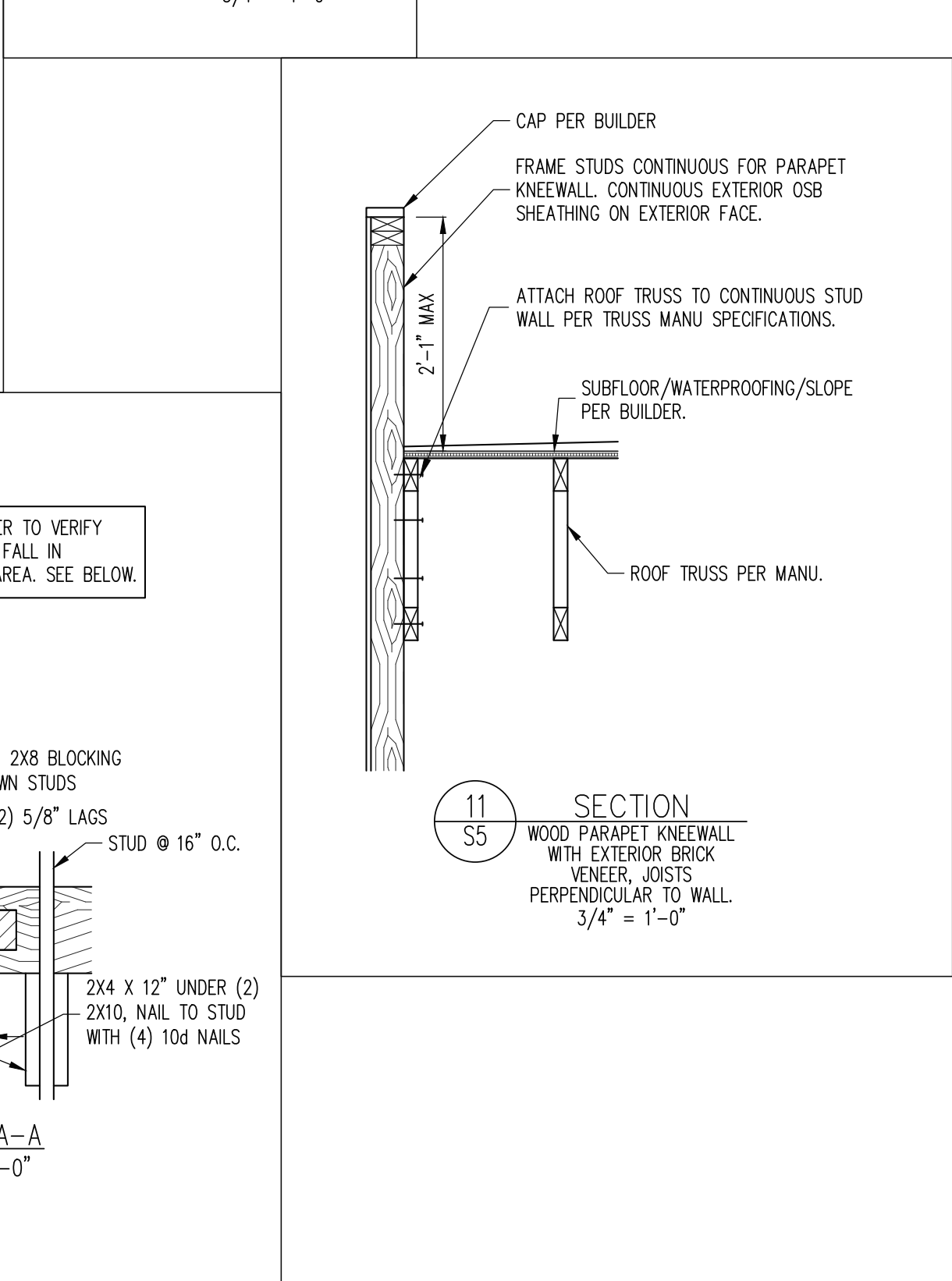
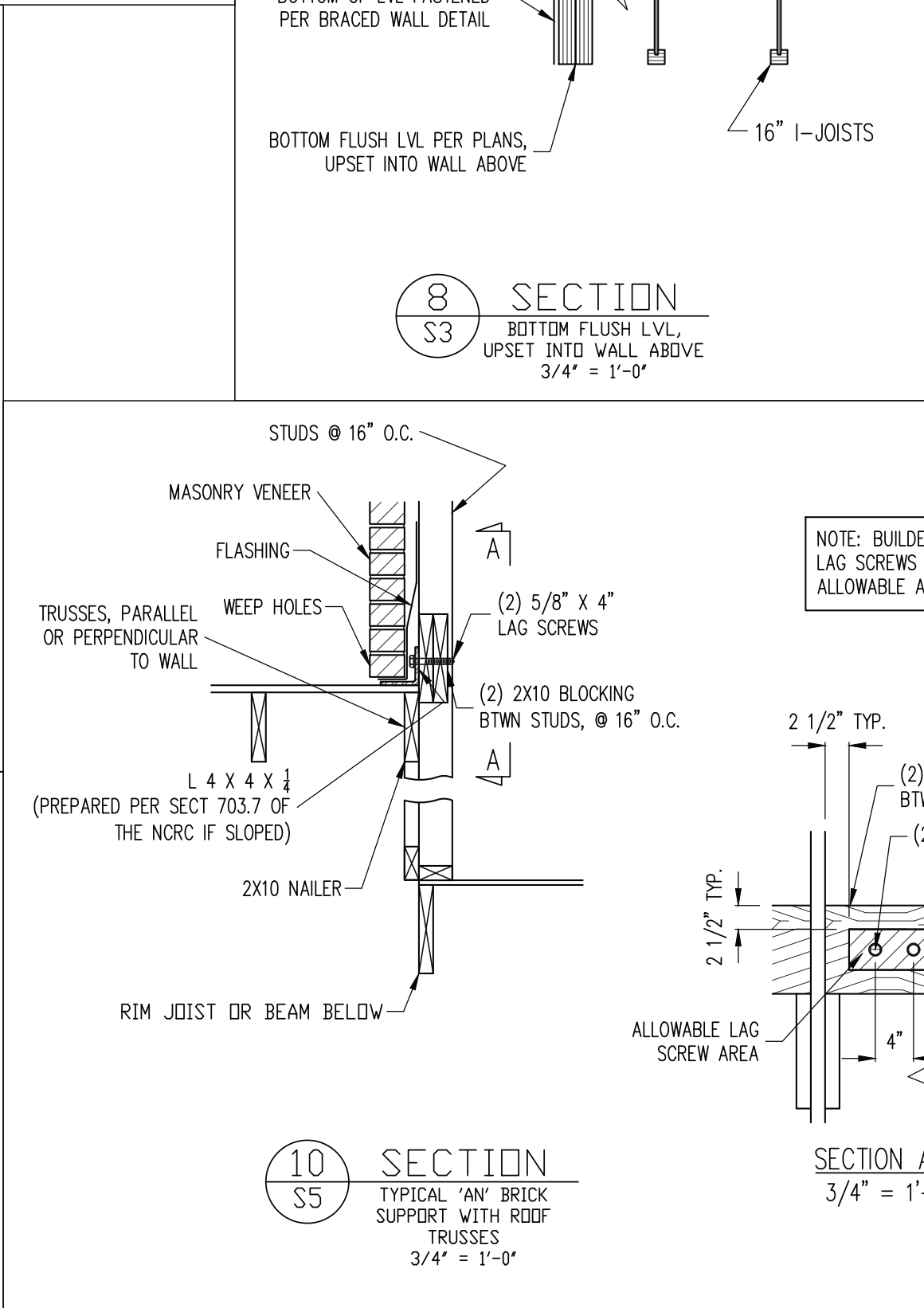
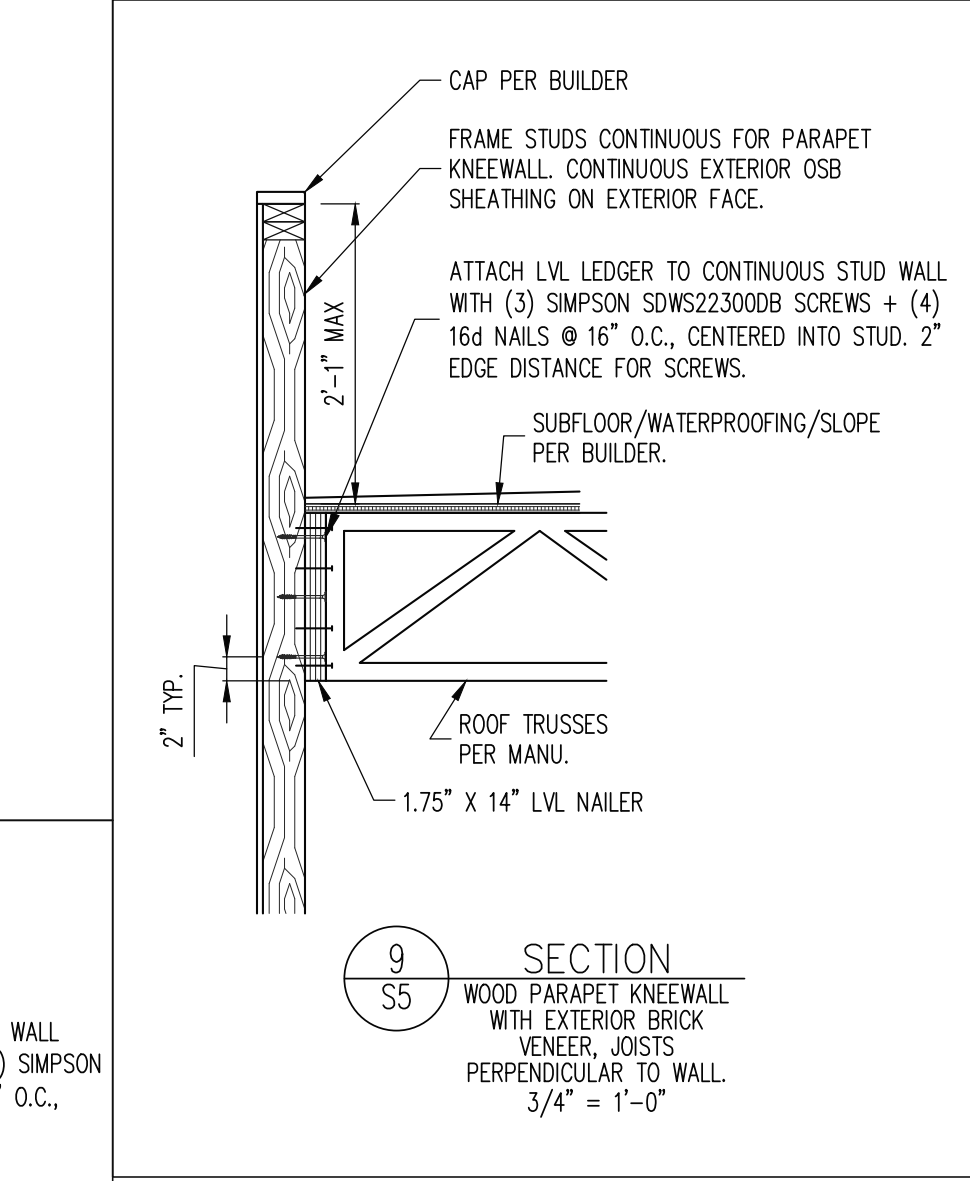
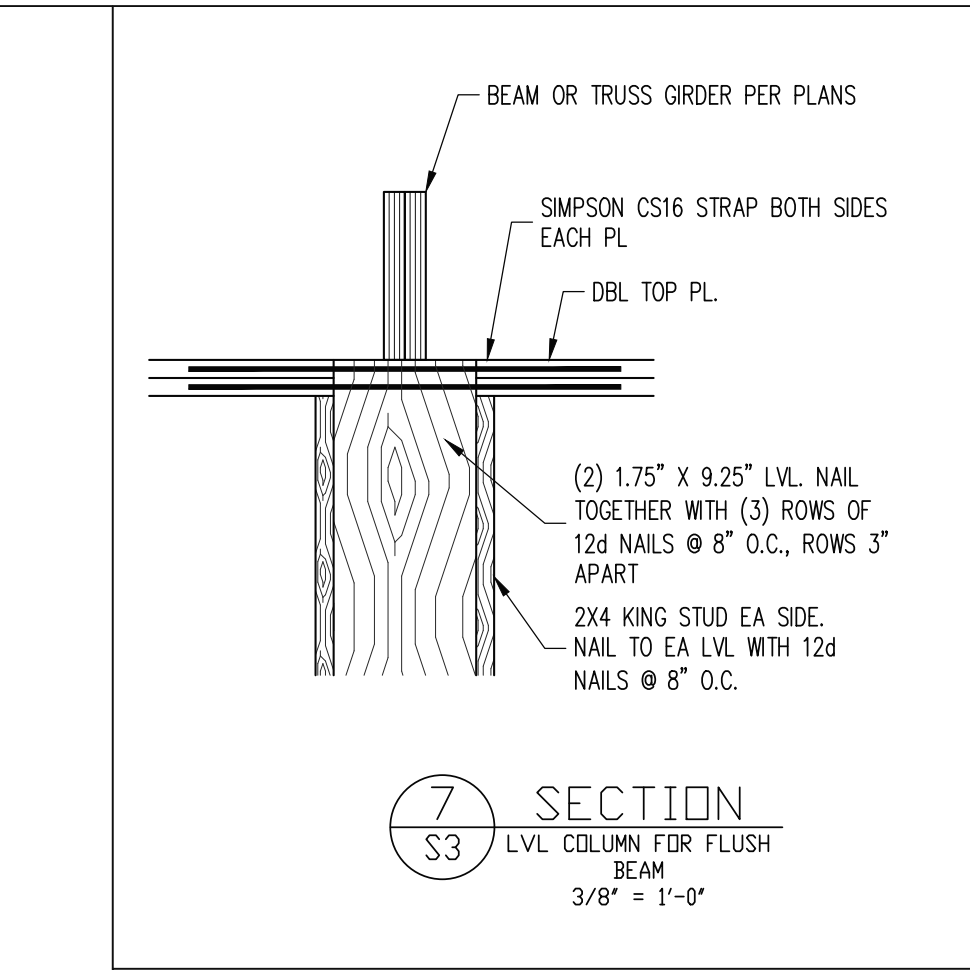
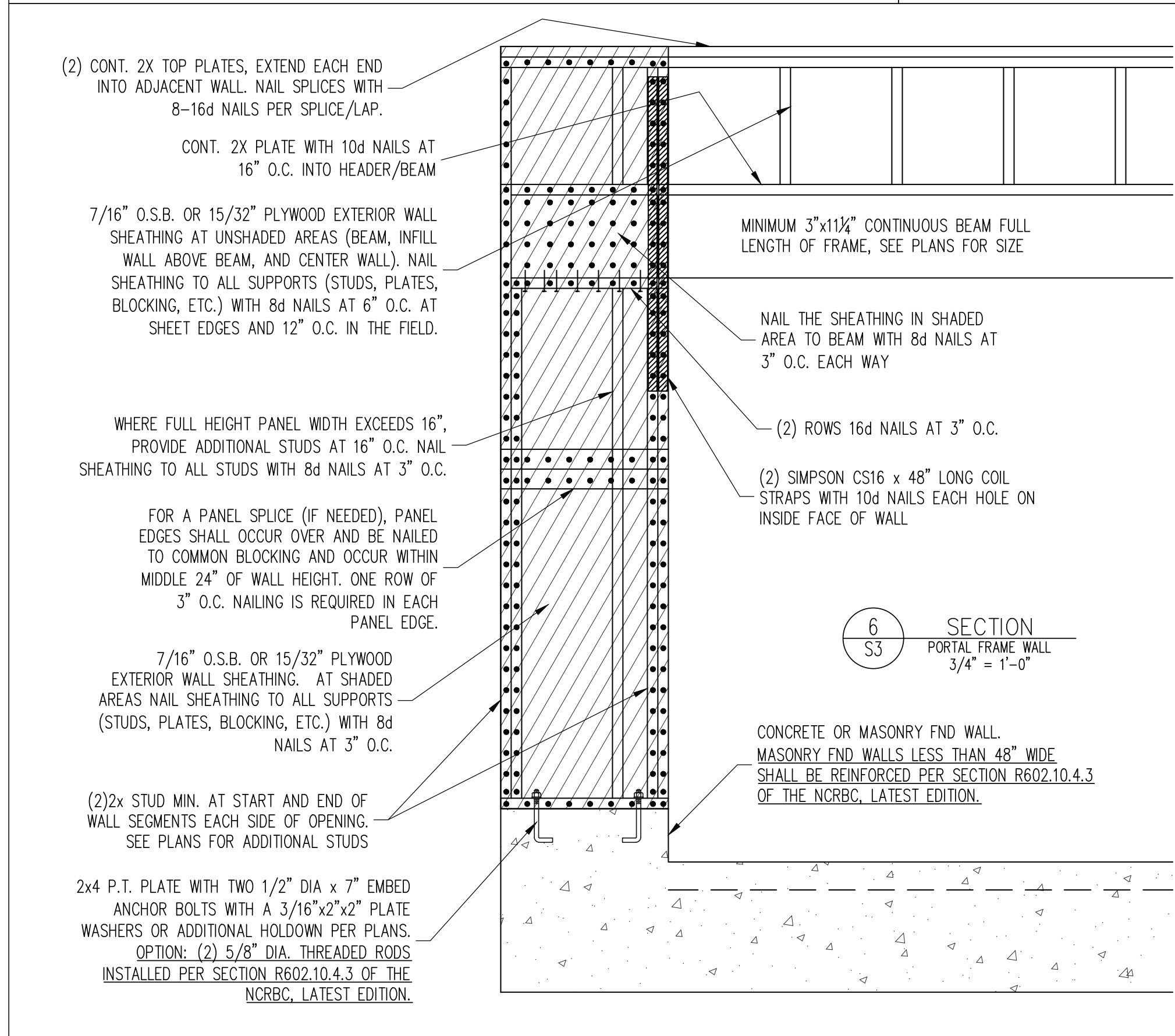
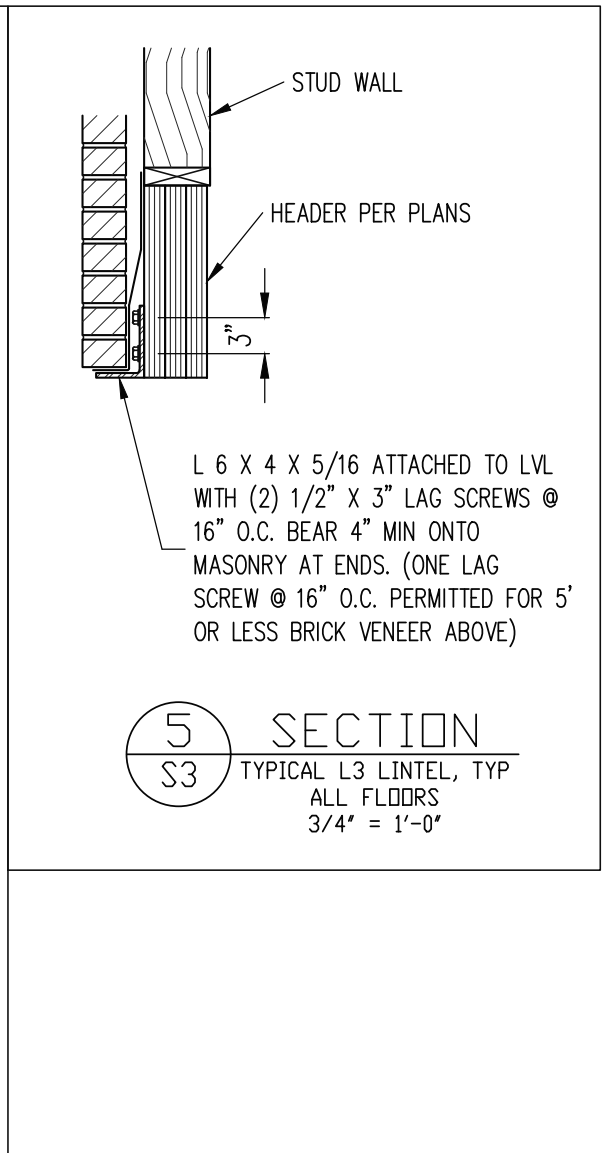
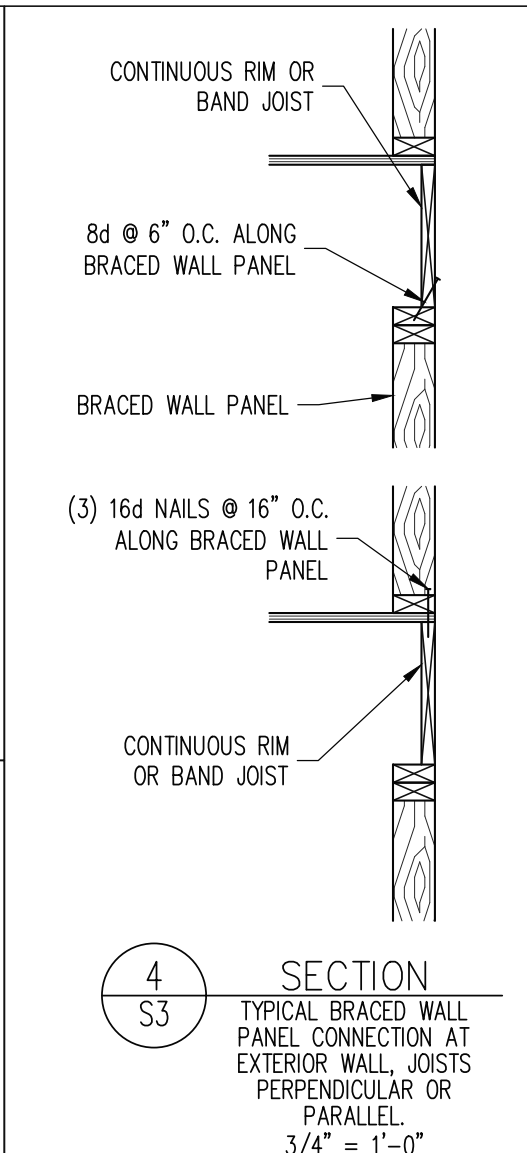
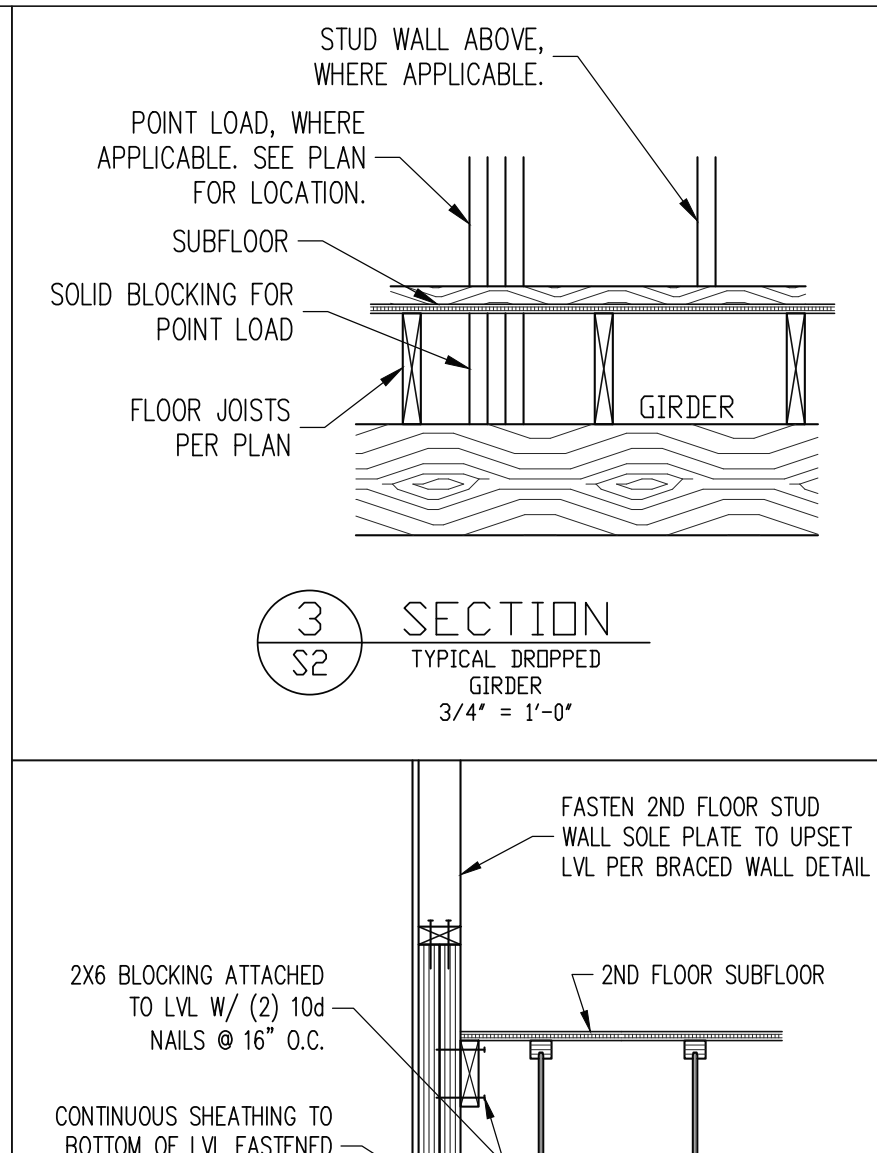
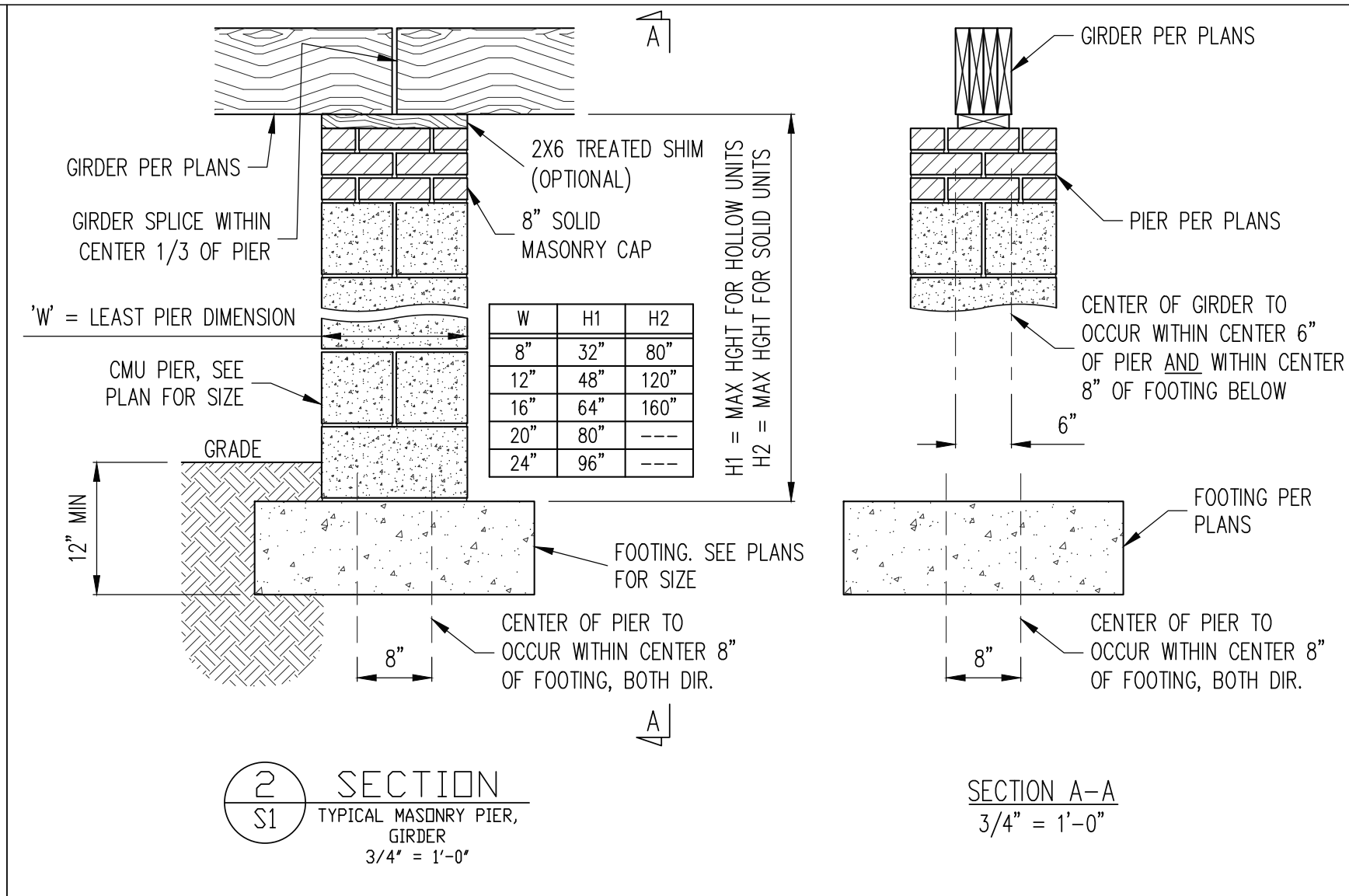
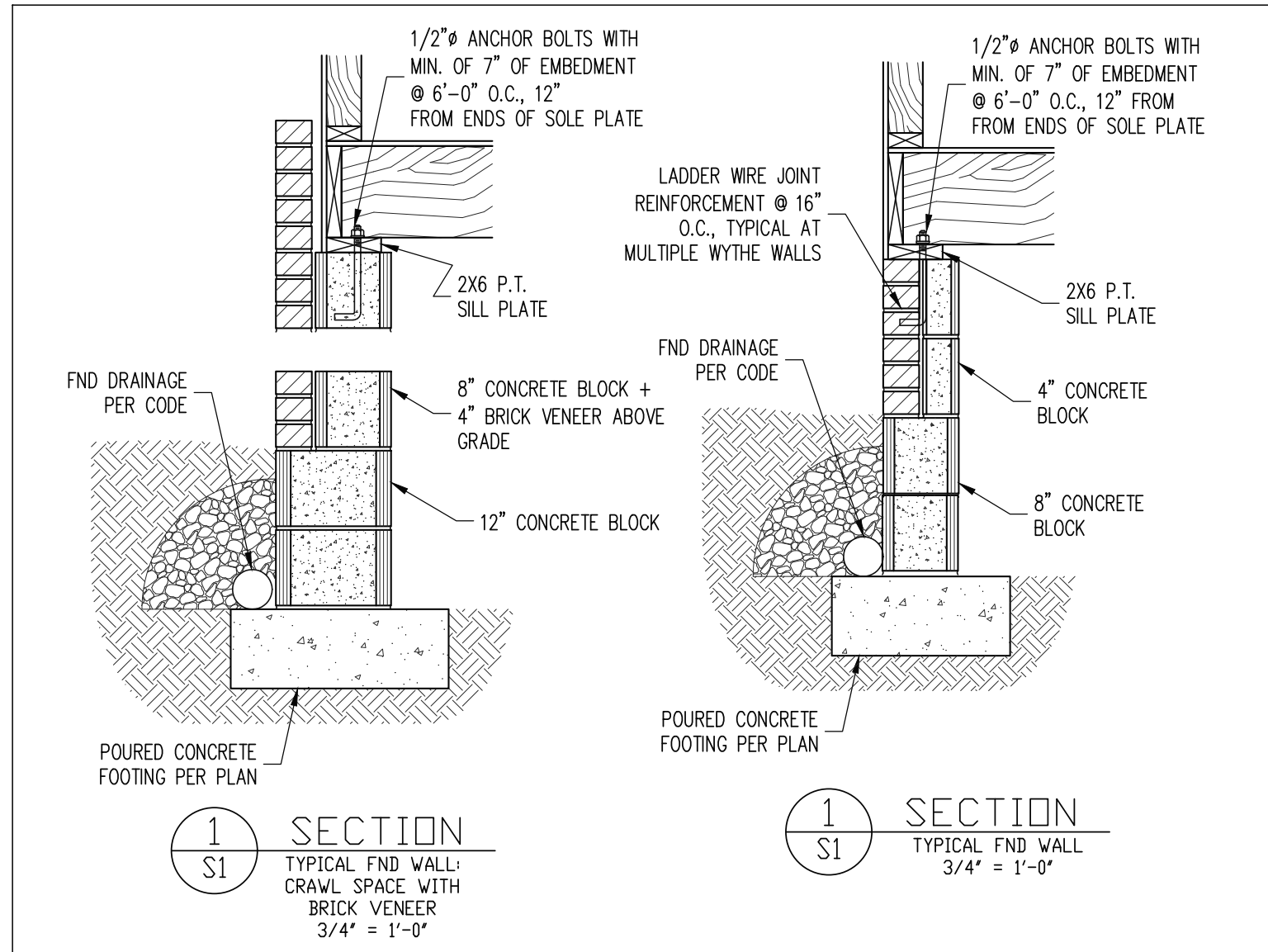
ENG: JNC
DATE 3/8/2024

PLAN
M309-23

PROJECT NO.
21-21-108

SHEET NO.
S5
5 of 7

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COPPER BUILDERS			
STRUCTURAL ADDENDUM			
SCOPE:	REV #	REF PROJ #	DATE
LOC:	15	PRESCOTT MANOR	

ENG: JNC
 DATE: 3/8/2024

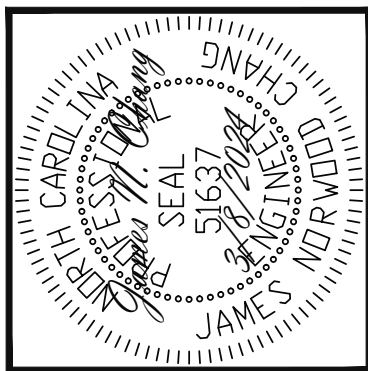
PLAN
 M309-23

PROJECT NO.
 21-21-108

SHEET NO.
 SD1
 6 of 7

CONSTRUCTION SPECIFICATIONS				NOTES	ABBREVIATIONS																																																		
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, WHO SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND INSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION. PART 2: DESIGN LOADS 2.01 DESIGN LOADS SHALL CONFORM WITH THE TABLE BELOW: <table><tr><th>USE</th><th>LIVE LOAD (PSF)</th><th>DEAD LOAD (PSF)</th></tr><tr><td>BALCONIES, DECKS, ATTICS WITH FIXED STAIR ACCESS, DWELLING UNITS INCLUDING ATTICS WITH FIXED STAIR ACCESS, STAIRS, FIRE ESCAPES</td><td>40</td><td>10</td></tr><tr><td>GARAGES (PASSENGER CARS ONLY)</td><td>50</td><td>---</td></tr><tr><td>ATTICS (NO STORAGE, LESS THAN 5' HEADROOM)</td><td>10</td><td>10</td></tr><tr><td>ATTICS (WITH STORAGE)</td><td>20</td><td>10</td></tr><tr><td>ROOF</td><td>20</td><td>10 (15 FOR VAULTS)</td></tr></table>				USE	LIVE LOAD (PSF)	DEAD LOAD (PSF)	BALCONIES, DECKS, ATTICS WITH FIXED STAIR ACCESS, DWELLING UNITS INCLUDING ATTICS WITH FIXED STAIR ACCESS, STAIRS, FIRE ESCAPES	40	10	GARAGES (PASSENGER CARS ONLY)	50	---	ATTICS (NO STORAGE, LESS THAN 5' HEADROOM)	10	10	ATTICS (WITH STORAGE)	20	10	ROOF	20	10 (15 FOR VAULTS)	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 FTG FOOTING HDG HOT DIPPED GALVANIZED HGR HANGER LVL LAMINATED VENEER LUMBER NTS NOT TO SCALE O.C. ON CENTER PSL PARALLEL STRAND PT PRESSURE TREATED QJ QUAD JOIST SP STUD POCKET SQ SQUARE TJ TRIPLE JOIST TYP TYPICAL TRPL TRIPLE TSP TRIPLE STUD POCKET UNO UNLESS NOTED OTHERWISE XJ EXTRA JOIST																																	
USE	LIVE LOAD (PSF)	DEAD LOAD (PSF)																																																					
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ROOF	20	10 (15 FOR VAULTS)																																																					
NOTES: - INDIVIDUAL STAIR TREADS ARE TO BE DESIGNED FOR THE UNIFORMLY DISTRIBUTED LIVE LOAD OF 40 PSF OR A 300 LB. CONCENTRATED LOAD ACTING OVER AN AREA OF 4 SQ. WHICHEVER PRODUCES THE GREATER STRESS. - BUILDER TO VERIFY DEAD LOAD DOES NOT EXCEED 10 PSF WHEN HEAVY FLOOR OR ROOF FINISHES SUCH AS TILE OR SLATE ARE UTILIZED. NOTIFY ENGINEERING UNDER THESE CONDITIONS 2.02 INTERIOR WALLS: 5 PSF LATERAL. 2.03 BASIC WIND DESIGN VELOCITY OF 120 MPH. 2.04 SOIL BEARING CAPACITY 2000 PSF (PRESUMPTIVE). PART 3: STRUCTURAL STEEL 3.01 WIDE FLANGE BEAMS AND TEE SECTIONS SHALL CONFORM TO ASTM A992 MINIMUM GRADE. 3.02 SQUARE AND RECTANGULAR TUBING SHALL CONFORM TO ASTM A500 GRADE B MINIMUM GRADE. 3.03 STEEL PIPE SHALL CONFORM TO ASTM A53 GRADE B, TYPE S, MINIMUM GRADE. 3.04 ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 MINIMUM GRADE. 3.05 STRUCTURAL STEEL CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS. PART 4: WELDING 4.01 WELDING ELECTRODES SHALL BE E70XX AND ALL WELDING SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER. PART 5: CONCRETE AND SLABS ON GRADE 5.01 CAST IN PLACE CONCRETE SHALL BE OF NORMAL WEIGHT, 4-6% AIR ENTRAINMENT, FOR EXTERIOR CONCRETE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS TYP UNO. ALL ITEMS NOTED AS 'CONCRETE' ARE TO BE CAST IN PLACE, TYP UNO. 5.02 REINFORCED CAST IN PLACE CONCRETE SHALL BE PROPORTIONED, MIXED AND PLACED IN ACCORDANCE WITH THE SPECIFICATIONS OF ACI 318, LATEST EDITION. 5.03 SLABS ON GRADE, IF ANY, SHALL BE CAST IN PLACE, CONTAIN SYNTHETIC POLYPROPYLENE FIBRILLATED MICRO FIBERS, FIBER LENGTH 1 1/2", DOSAGE RATE 1 1/2 LBS/CU YD. TO SLAB TO BE PLACED ON A 6 MIL VAPOR BARRIER ON 4" MIN GRANULAR FILL ON SOIL WITH 90% MIN STANDARD PROCTOR DENSITY. VAPOR BARRIER MAY BE OMITTED FOR SLABS NOT IN ENCLOSED AREAS PART 6: REBAR AND WIRE REINFORCEMENT 6.01 REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615 GRADE 60 TYP UNO 6.02 LAP SPICES SHALL BE CLASS B AS DEFINED BY ACI 318, TYP UNO 6.03 WIRE REINFORCEMENT SHALL BE 9 GA AND SHALL CONFORM TO ASTM A1064. PART 7: MASONRY 7.01 CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND C55, NORMAL WEIGHT,				2-BEAMS BEARING ONTO THE END OF A STUD WALL PARALLEL TO THE BEAM SHALL BEAR A MINIMUM OF 3" ONTO THE WALL AND BE SUPPORTED BY A DBL STUD GANGED COLUMN TYP UNO. 14.03 EXTRA JOISTS BEARING ON A STUD WALL PERPENDICULAR TO OR SKEWED RELATIVE TO THE BEAM SHALL BE SUPPORTED BY ONE ADDITIONAL STUD. 14.04 STUDS THAT ARE GANGED TO FORM A COLUMN SHALL HAVE ADJACENT STUDS WITHIN THE COLUMN NAILED TOGETHER WITH ONE ROW OF 10d NAILS AT 8" O.C. (TWO ROWS OF 10d NAILS @ 8" O.C., 3" APART, FOR 2X8 OR 2X10 STUDS) ALL COLUMNS SHALL BE CONTINUOUS DOWN TO THE FOUNDATION OR OTHER PROPERLY DESIGNED STRUCTURAL ELEMENT SUCH AS A BEAM. COLUMNS TRANSFERRING LOADS THROUGH FLOOR LEVELS SHALL BE SOLIDLY BLOCKED FOR THE FULL WIDTH OF THE STUD COLUMN WITHIN THE CAVITY FORMED BY THE FLOOR JOISTS. PART 15: NAILING OF MULTI PLY WOOD BEAMS 15.01 SOLID SAWN LUMBER JOISTS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM NAILED TOGETHER WITH THREE ROWS OF 10d NAILS @ 16" O.C. FOR 2X10 OR LARGER, TWO ROWS OF 10d NAILS @ 16" O.C. FOR 2X8, ONE ROW OF 10d NAILS @ 16" O.C. FOR 2X6 OR SMALLER, STAGGER ROWS 5" MIN. 15.02 LVL MEMBERS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM FASTENED TOGETHER PER MANUFACTURERS RECOMMENDATIONS, TYP UNO PART 16: WALL FRAMING AND BRACING 16.01 STUD WALLS SHALL CONSIST OF 2X4 STUDS SPACED AT 16" O.C. UNO. STUDS SHALL BE CONTINUOUS FROM SOLE PLATE AT FLOOR TO DOUBLE TOP PLATE AT THE CEILING OR ROOF. NO INTERMEDIATE BANDS OR PLATES SHALL CAUSE DISCONTINUITIES IN A STUD WALL EXCEPT AS REQUIRED FOR DOOR OR WINDOW OPENINGS. THE KING STUDS FOR SUCH OPENINGS SHALL BE CONTINUOUS TYP UNO. MAX ALLOWABLE WALL HEIGHTS FOR EXTERIOR STUD WALLS, INCLUSIVE OF SOLE PLATE AND DBL TOP PLATE AND 7/16" OSB EXTERIOR BRACING AND ROW OF 2X4 2X6 PURLINS AT 8" HEIGHT (AND AT 16" HEIGHT FOR TALL WALLS), TYP UNO: 2X4 @ 16" O.C.: 11'-1 1/2" 2X6 @ 16" O.C.: 17'-0" 2X4 @ 12" O.C.: 12'-1 1/2" 2X6 @ 12" O.C.: 18'-8" DBL 2X4 @ 16" O.C.: 13'-4" DBL 2X6 @ 16" O.C.: 21'-0" 16.02 FOR WALL BRACING THE FOLLOWING SHALL APPLY: -BLOCKING AT UNSUPPORTED PANEL EDGES IS REQUIRED TYP UNO. -WALL BRACING IS BY ENGINEERED DESIGN AND NOT PRESCRIPTIVE PER SECTION 602.10 OF THE 2018 NRC. CONTINUOUS SHEATHING HAS BEEN PROVIDED, ALONG WITH ALTERNATIVE METHODS TO INSURE THE MINIMUM INTENT OF SECTION 602.10 OF THE 2018 NRC HAS BEEN MET AND EXCEEDED. -BRACED WALL PANELS SHALL BE FASTENED IN ACCORDANCE WITH TABLE 602.3(1) TO PROVIDE CONTINUOUS PANEL UPLIFT RESISTANCE AND COMPLIANCE WITH NRCBC 602.2.3.5 AND 602.2.11 UNLESS NOTED OTHERWISE ON STRUCTURAL PLANS. -MAY SUBSTITUTE WSP FOR GB -SINGLE JOIST, CONTINUOUS RM JOIST, OR BLOCKING OF EQUAL DEPTH IS REQUIRED ABOVE AND BELOW ALL BRACED WALLS. NAIL BLOCKING ABOVE WALL TO TOP PLATE WITH 16d 10d NAILS @ 6" O.C. NAIL SOLE PLATE OF BRACED WALL TO BLOCKING BELOW WITH (3) 16d NAILS @ 16" O.C. BLOCKING AT HORIZONTAL JOINTS IN BRACED WALL LINES ONLY REQUIRED AT SHADED WALLS, UNO. PART 17: KING STUDS 17.01 KING STUDS FOR OPENINGS IN EXTERIOR WALLS SHALL BE AS FOLLOWS: <table><tr><th colspan="2"></th><th colspan="4">NUMBER OF KING STUDS</th></tr><tr><th>MAX OPENING WIDTH</th><th>5'-0" 9'-0" 13'-0" 17'-0" 21'-0"</th><th>2X4</th><th>2X6</th><th>2X8</th><th></th></tr><tr><td></td><td></td><td>1</td><td>1</td><td>1</td><td></td></tr><tr><td></td><td></td><td>2</td><td>2</td><td>2</td><td></td></tr><tr><td></td><td></td><td>3</td><td>4</td><td>5</td><td></td></tr></table> PART 18: SUBSTITUTIONS 18.01 MATERIAL OR MEMBER SIZE SUBSTITUTIONS OR PLAN DEVIATIONS REQUIRE THE WRITTEN AUTHORIZATION OF THE DESIGNERS. UNAUTHORIZED DEVIATIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. PART 19: OWNERSHIP OF STRUCTURAL DESIGN 19.01 THE STRUCTURAL DESIGN OF THIS PLAN IS THE PROPERTY OF ENGINEERING TECH ASSOCIATES (ETA). THESE PLANS ARE FOR THE ONE TIME USE AT THE LOCATION INDICATED AND FOR THE CLIENT LISTED. ETA ASSUMES NO LIABILITY FOR THESE PLANS IF THEY ARE REPRODUCED, IN WHOLE OR IN PART, FOR CONSTRUCTION AT ANY OTHER LOCATION WITHOUT WRITTEN PERMISSION FROM ETA.				NUMBER OF KING STUDS				MAX OPENING WIDTH	5'-0" 9'-0" 13'-0" 17'-0" 21'-0"	2X4	2X6	2X8				1	1	1				2	2	2				3	4	5																					
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ALLOWABLE I-JOIST SUBSTITUTION NOTE: MAINTAIN JOIST DEPTH, DIRECTION, AND SPACING SPECIFIED ON PLANS. <table><tr><th>MANUFACTURER</th><th>DEPTH</th><th>SERIES</th><th>SIMPSON FACE MOUNT HOR</th><th>SIMPSON TOP FLANGE HOR</th></tr><tr><td>BLUELINX</td><td>16"</td><td>BLI 40</td><td>IUS2.56/16</td><td>ITS2.56/16</td></tr><tr><td>BLUELINX</td><td>16"</td><td>BLI 60</td><td>IUS2.56/16</td><td>ITS2.56/16</td></tr><tr><td>BOISE CASCADE</td><td>16"</td><td>BOI 5000n</td><td>IUS2.06/16</td><td>ITS2.06/16</td></tr><tr><td>BOISE CASCADE</td><td>16"</td><td>BOI 6000S</td><td>IUS2.37/16</td><td>ITS2.37/16</td></tr><tr><td>INTERNATIONAL BEAMS</td><td>16"</td><td>IB 600</td><td>IUS2.56/16</td><td>ITS2.56/16</td></tr><tr><td>LP CORP</td><td>16"</td><td>LPI 20+</td><td>IUS2.56/16</td><td>ITS2.56/16</td></tr><tr><td>NORDIC</td><td>16"</td><td>NI 40X</td><td>IUS2.56/16</td><td>ITS2.56/16</td></tr><tr><td>ROSEBURG</td><td>16"</td><td>RFP1 60S</td><td>IUS2.56/16</td><td>ITS2.56/16</td></tr><tr><td>WEYERHAEUSER</td><td>16"</td><td>TJI 210</td><td>IUS2.06/16</td><td>ITS2.06/16</td></tr></table> JOISTS NOT LISTED IN THE ABOVE TABLE MAY BE USED PROVIDED THEY MEET OR EXCEED THE PROPERTIES OF THOSE LISTED. SUBSTITUTE USP BRAND HANGERS WITH EQUIVALENT VALUES AS DESIRED.				MANUFACTURER	DEPTH	SERIES	SIMPSON FACE MOUNT HOR	SIMPSON TOP FLANGE HOR	BLUELINX	16"	BLI 40	IUS2.56/16	ITS2.56/16	BLUELINX	16"	BLI 60	IUS2.56/16	ITS2.56/16	BOISE CASCADE	16"	BOI 5000n	IUS2.06/16	ITS2.06/16	BOISE CASCADE	16"	BOI 6000S	IUS2.37/16	ITS2.37/16	INTERNATIONAL BEAMS	16"	IB 600	IUS2.56/16	ITS2.56/16	LP CORP	16"	LPI 20+	IUS2.56/16	ITS2.56/16	NORDIC	16"	NI 40X	IUS2.56/16	ITS2.56/16	ROSEBURG	16"	RFP1 60S	IUS2.56/16	ITS2.56/16	WEYERHAEUSER	16"	TJI 210	IUS2.06/16	ITS2.06/16		
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ASSOCIATES, P.A.

COPPER BUILDERS		STRUCTURAL ADDENDUM			
SCOPE:	LOC:	REV #	REF PROJ #	DATE	
		15	PRESCOTT MANOR		

ENG:	JNC
DATE:	3/8/2024
PLAN	M309-23
PROJECT NO.	21-21-108
SHEET NO.	SD2
7	of 7