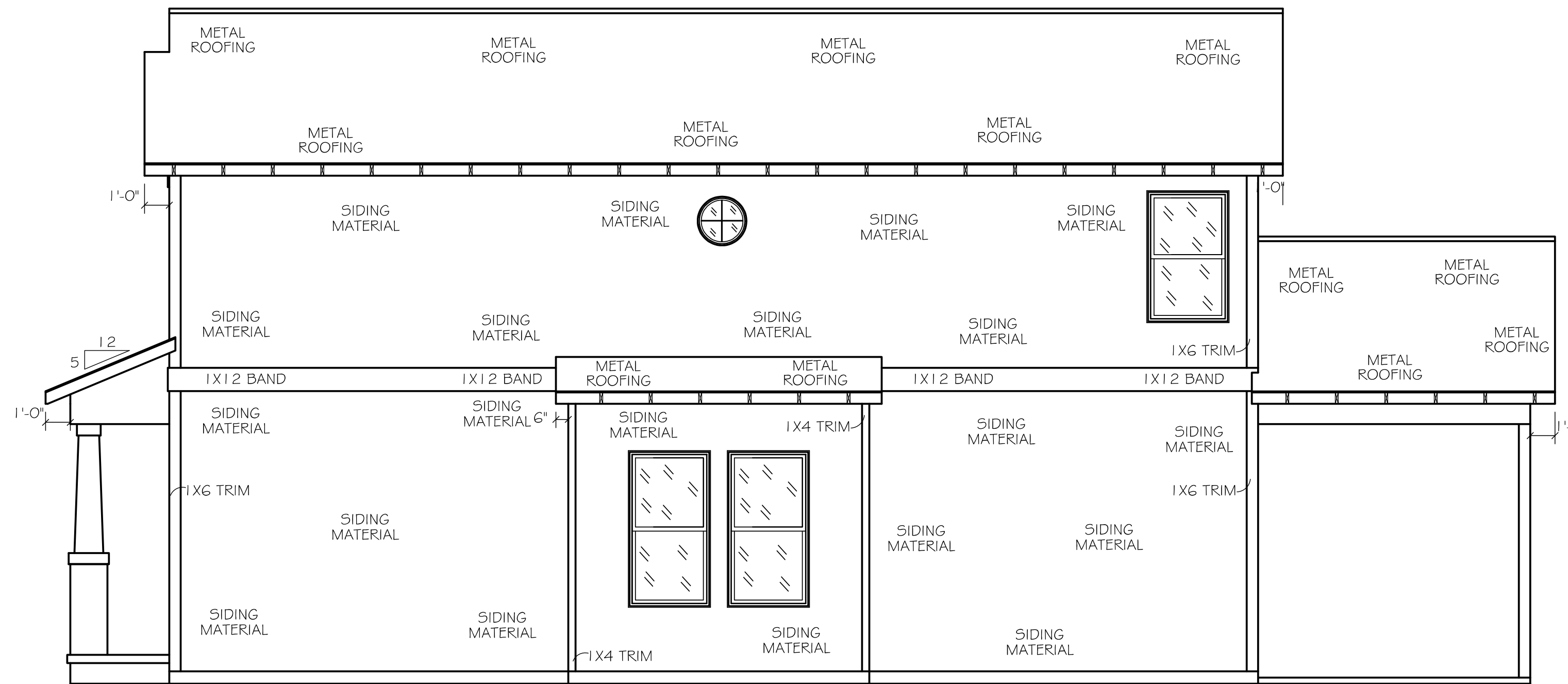


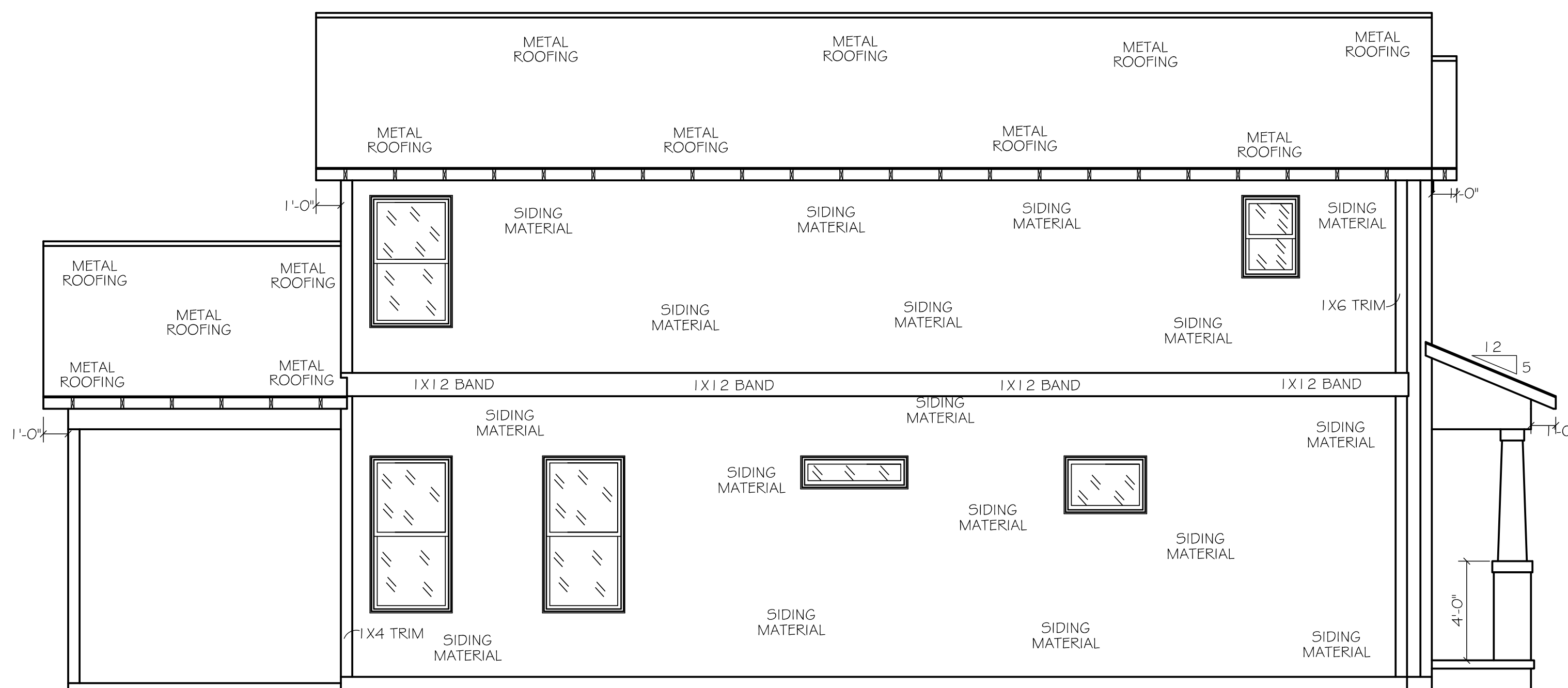


FRONT ELEVATION - 'A'
1/4" = 1'-0"

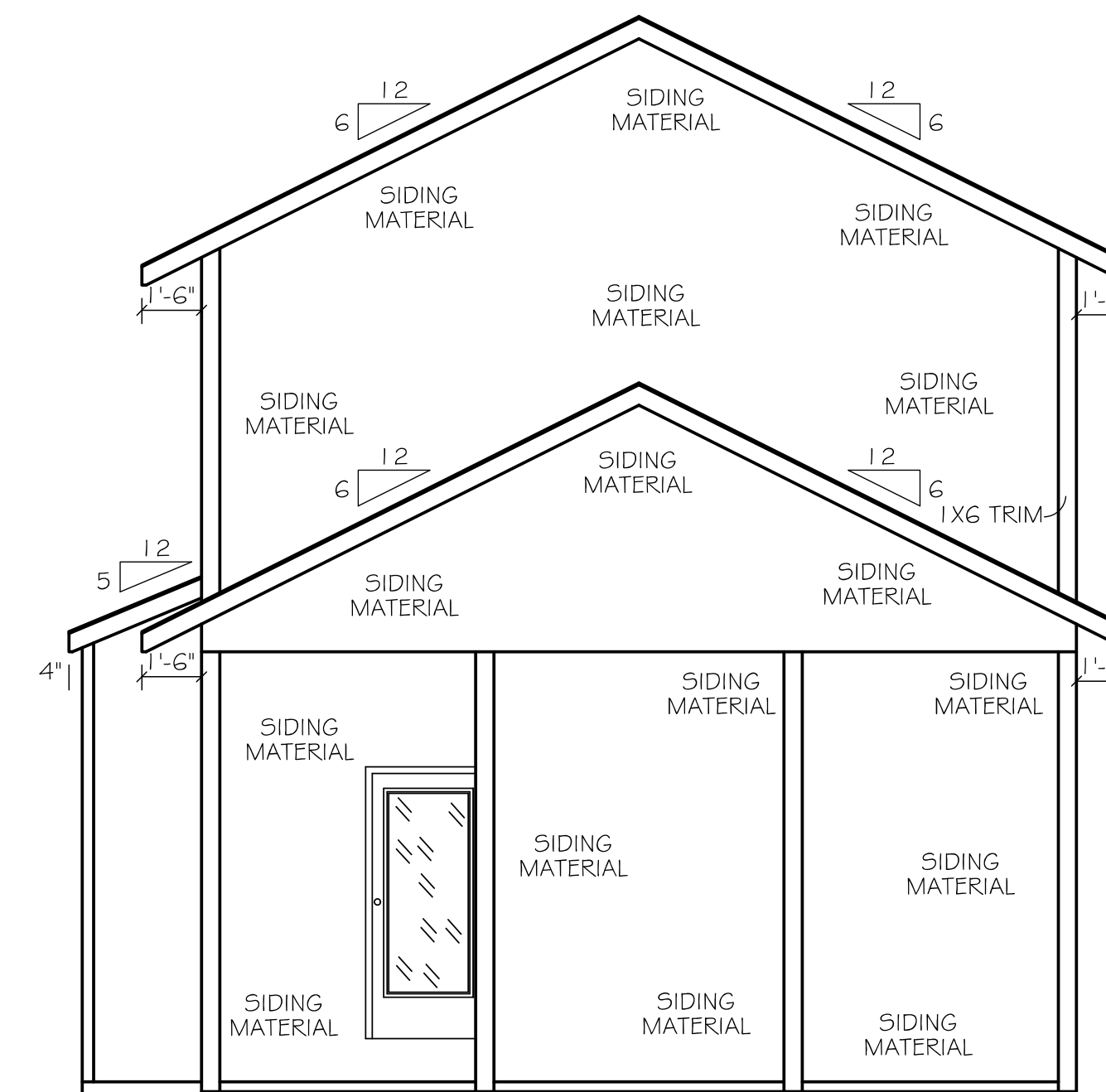


RIGHT ELEVATION
1/4" = 1'-0"

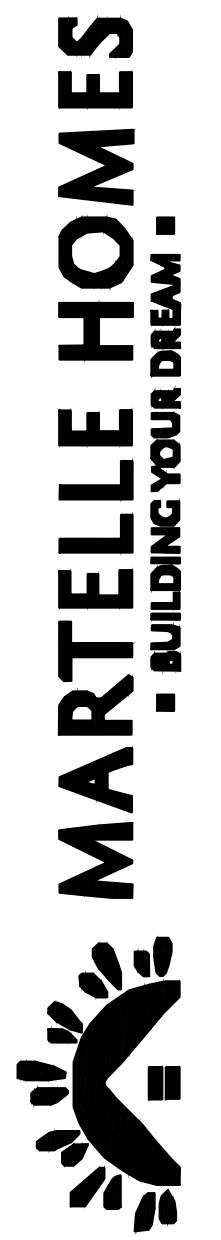
ELEVATION NOTES:
1. ROOF TO BE PRE-ENGINEERED ROOF TRUSSES.



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



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



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Proudly working with:

Lot 69,
Serenity

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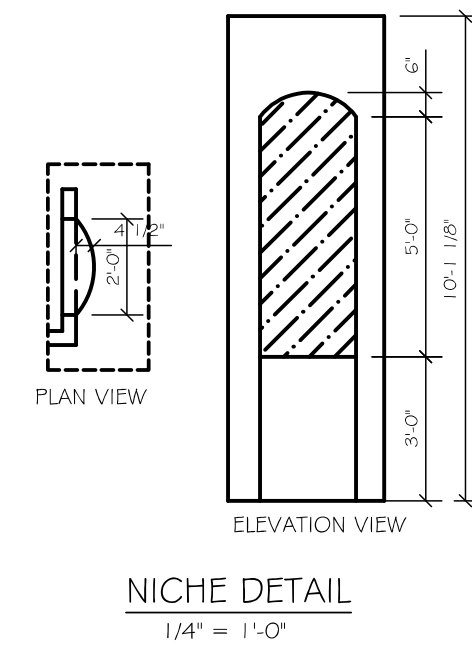
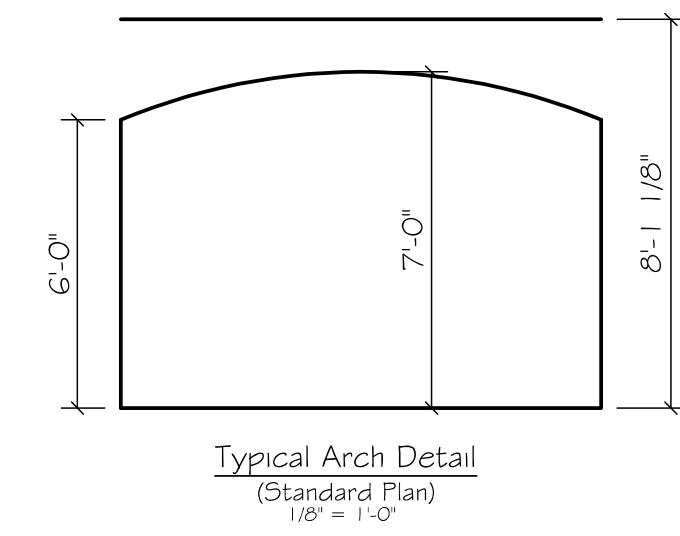
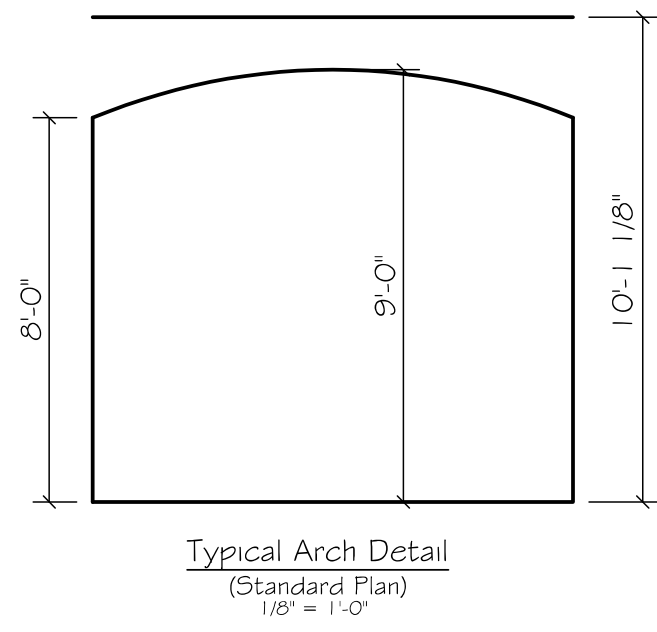
DRAWN BY:
J.W.

PLAN NUMBER:
Lot 69, SC

DATE: 5/15/18

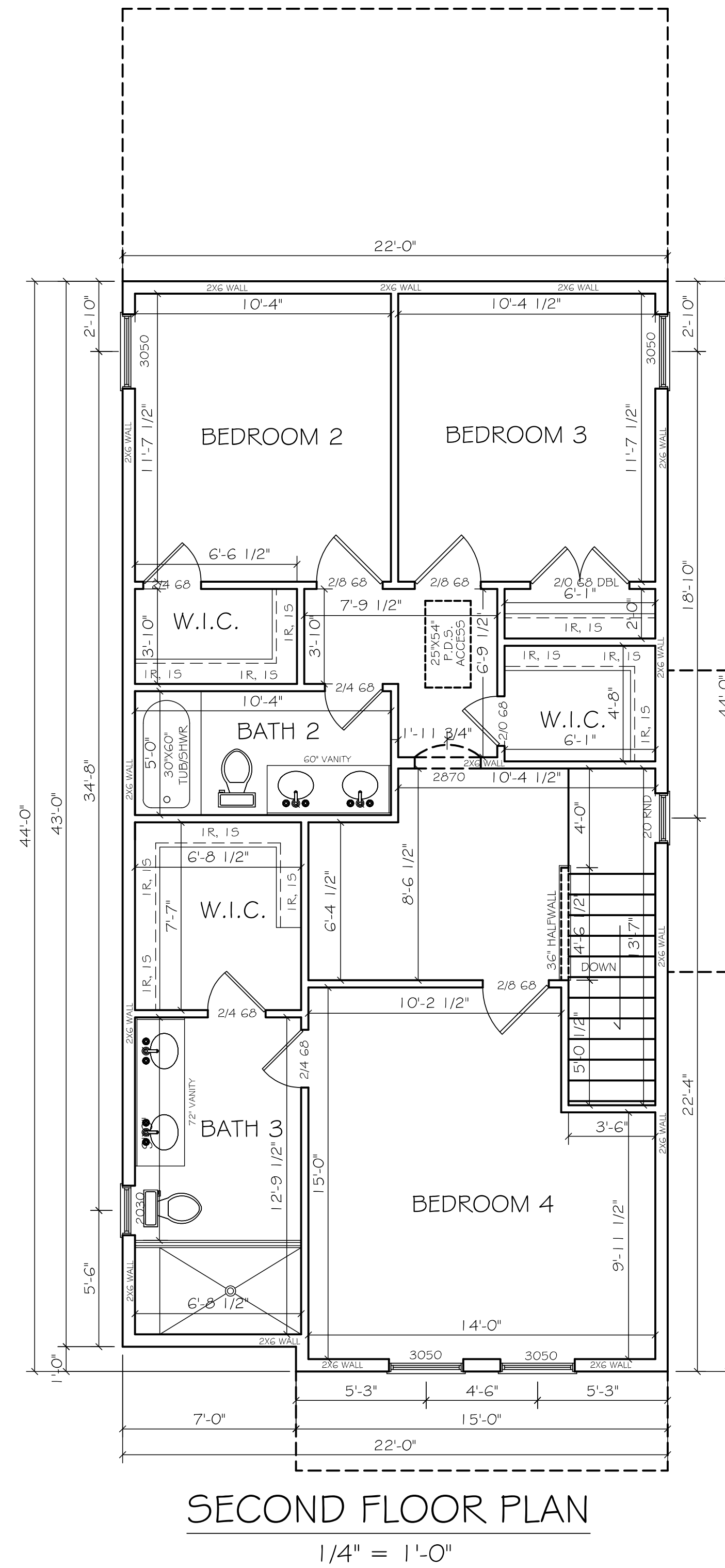
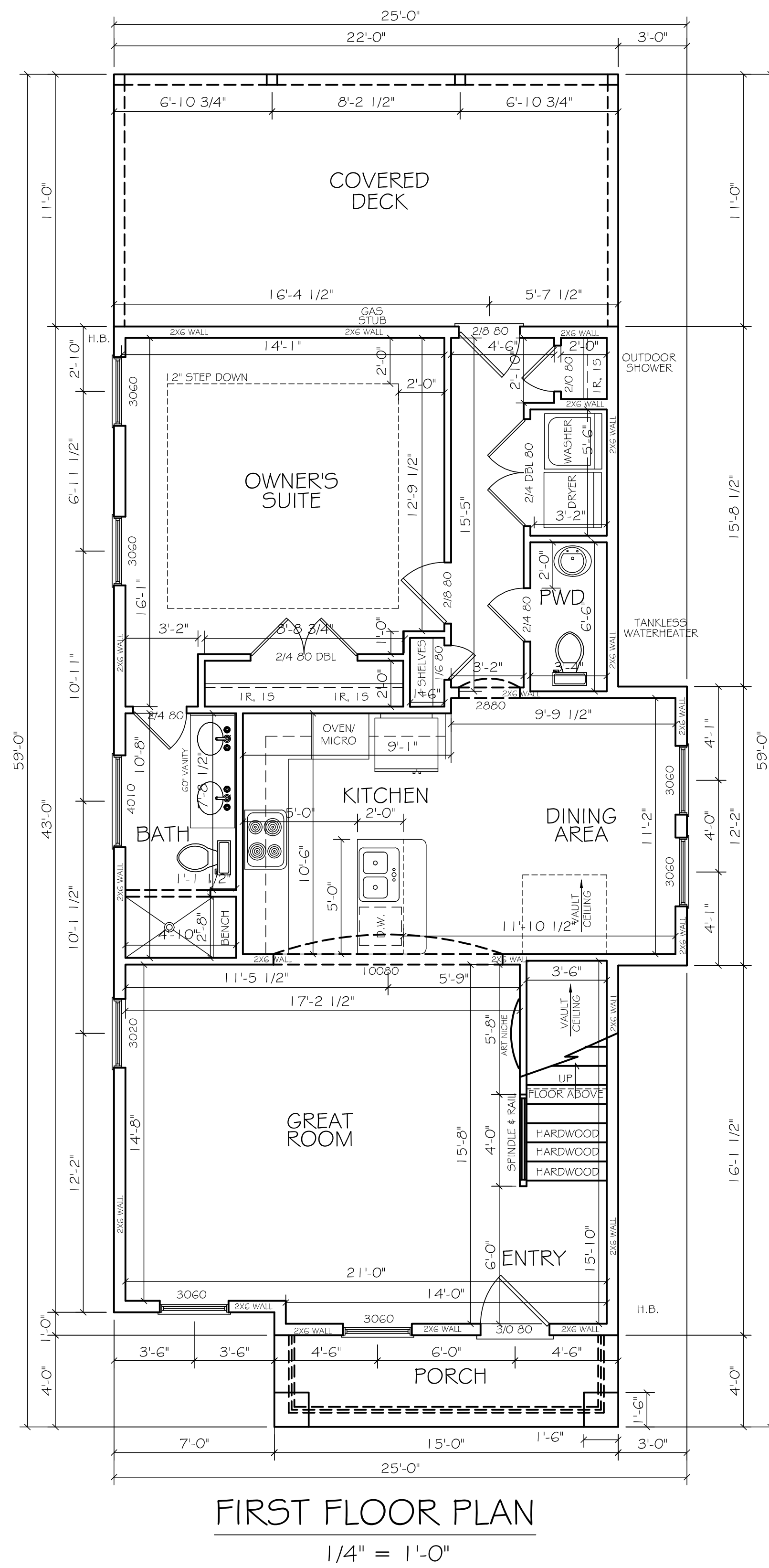
ELEVATION A

AREA CALCULATIONS	
FIRST FLOOR - HEATED	904
SECOND FLOOR - HEATED	810
TOTAL - HEATED	1,714
ADDITIONS:	
FRONT COVERED PORCH	60
REAR COVERED DECK	242



FLOOR PLAN NOTES:

- ALL FRAMED WALL DIMENSIONS SHOULD BE READ CALCULATED AND STUDS TO BE 16" ON CENTER U.N.O.
- ALL EXT. WALLS TO BE CONSTRUCTED WITH 2X6 MATERIAL. ALL INT. WALLS TO BE 2X4 MATERIAL U.N.O.
- ALL EXT. WALLS ARE DRAWN AS 6". INT. WALLS ARE DRAWN AS 3 1/2" U.N.O.
- ALL WOOD, CONCRETE, AND STEEL STRUCTURAL MEMBERS SHALL BE A GOOD GRADE AND QUALITY AND MEET ALL NATIONAL, STATE, AND LOCAL BUILDING CODES WHERE APPLICABLE.
- ALL COLUMNS OR SOLID FRAMING SHOULD BE DESIGNED TO CARRY LOADS AND SHOULD EXTEND DOWN THROUGH THE LEVELS BELOW AND TERMINATE AT THE BASEMENT FLOOR OR AT OTHER BEARING POINTS DESIGNED TO CARRY THE LOAD.
- ALL ANGLES ARE 45 U.N.O.
- (1) LAYER OF 5/8" TYPE "X" DRYWALL TO BE INSTALLED AT HOUSE / GARAGE COMMON WALLS WITH R-13 INSULATION.
- PRE-ENGINEERED FLOOR TRUSSES TO BE DESIGNED @ 50 LBS/S.F. - LIVE LOAD
15 LBS/S.F. - DEAD LOAD
MAX - L/480



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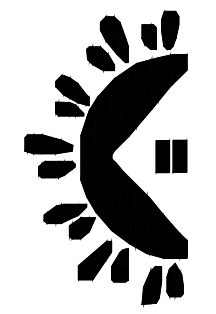
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














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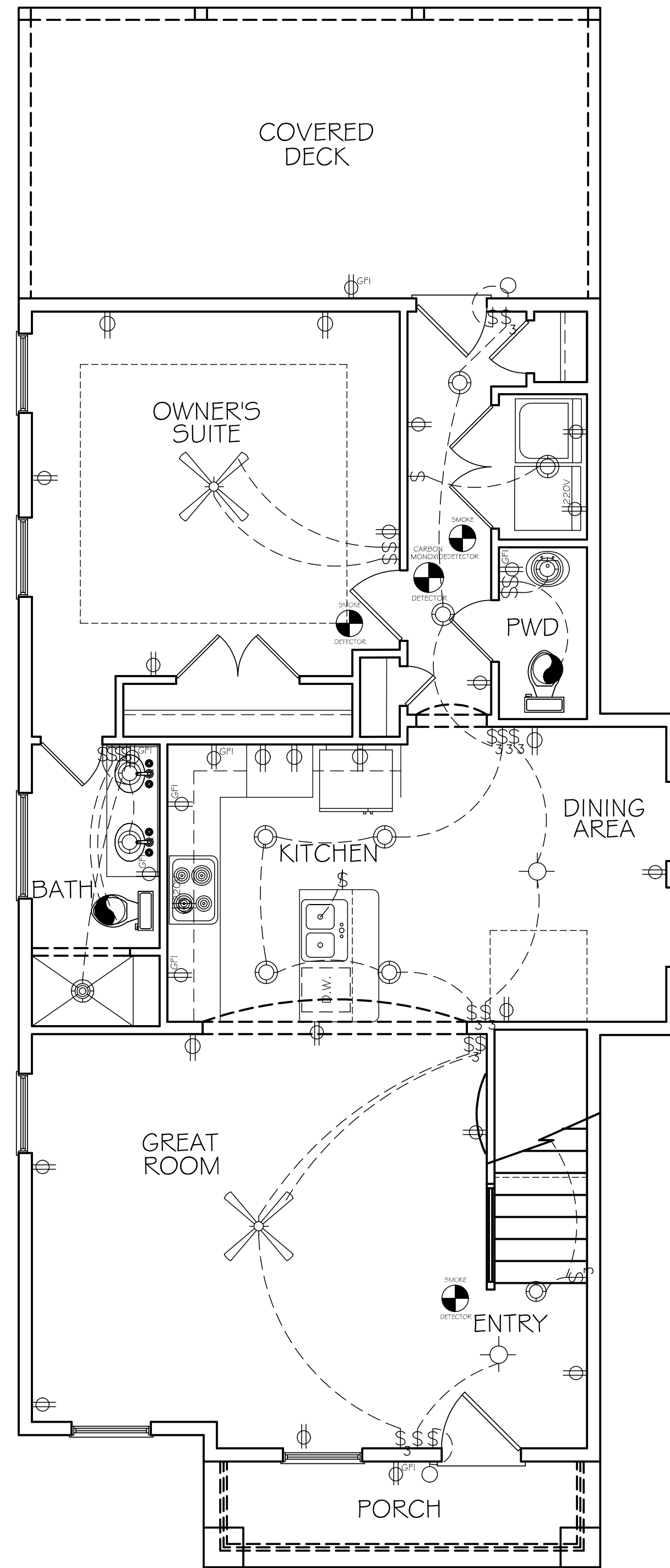
Proudly working with:



MARTELLE HOMES
- BUILDING YOUR DREAM -

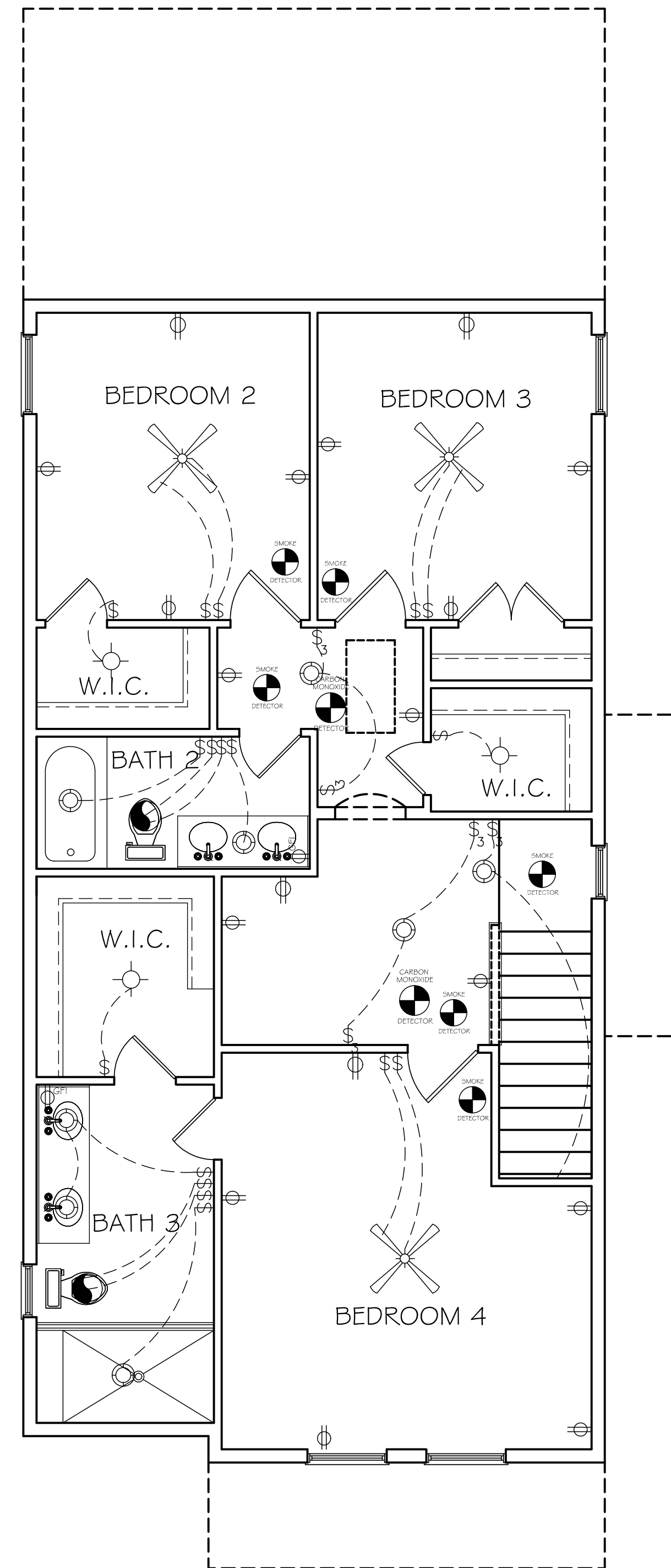
Electrical Symbols

-  2x4 Fluorescent Light
-  1ft Fluorescent Light
-  Overhead Light
-  Recessed Can Light
-  Eyeball Light
-  Strip Light
-  Ext. Flood Light
-  Ext. Wall-Mounted Light
-  Garage Door Opener
-  Ceiling Fan
-  Smoke Detector
-  Exhaust Fan
-  GFCI Receptacle
-  220 Volt Outlet
-  (Typ.) Receptacle
-  Light Switch
-  3-Way Light Switch



FIRST FLOOR ELECTRICAL PLAN

1/4" = 1'-0"

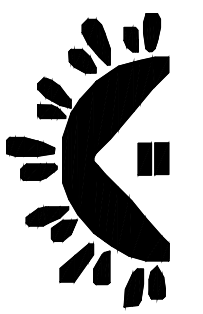


SECOND FLOOR ELECTRICAL PLAN

1/4" = 1'-0"

- ELECTRICAL NOTES:
1. ELECTRICAL TO MEET LOCAL CODE REQUIREMENTS.
 2. ALL FIXTURES TO BE U.L. LISTED.

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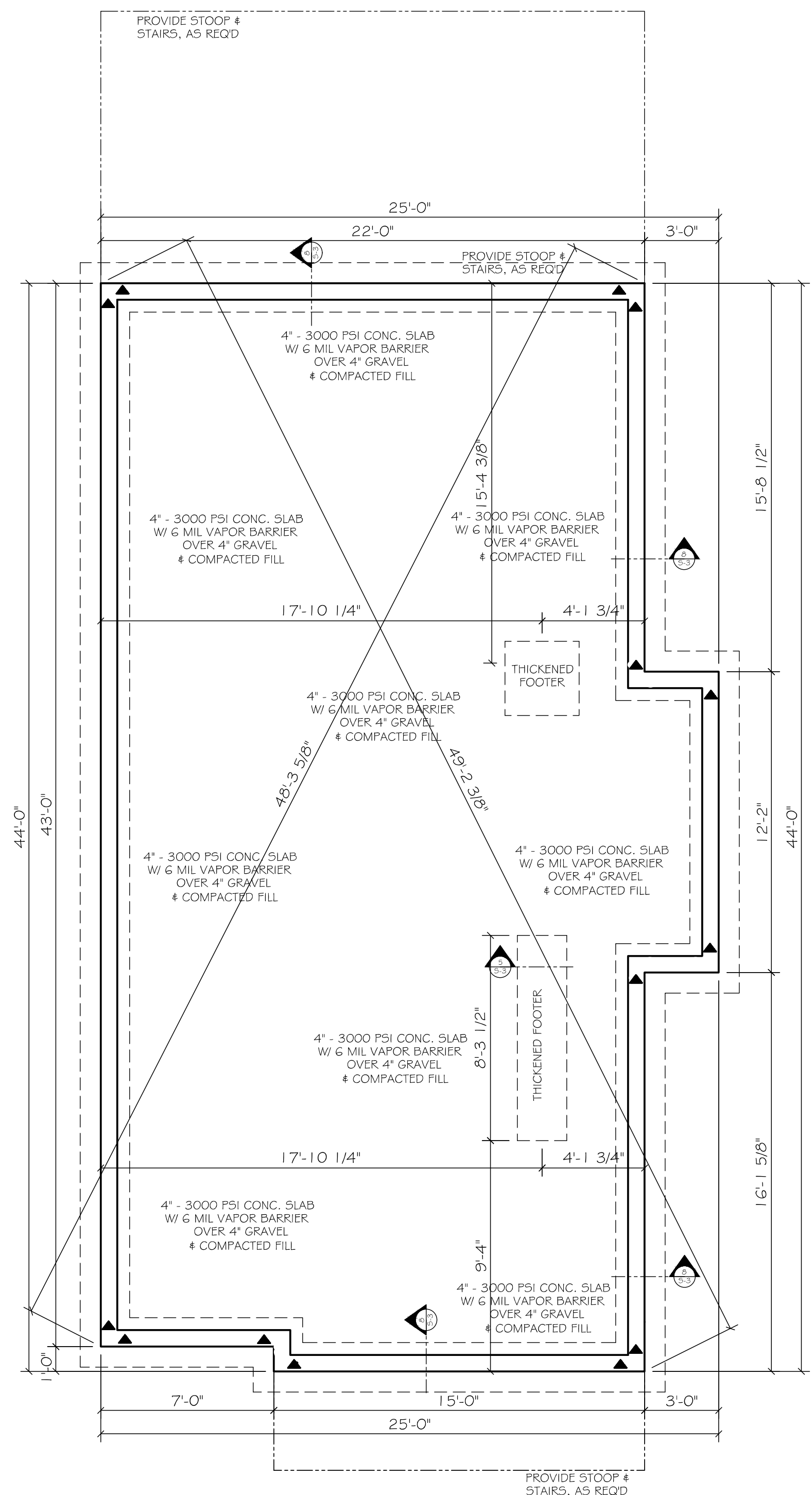
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DRAWN BY:
J.W.

PLAN NUMBER:
Lot 69, SC

DATE: 5/15/18



FOUNDATION PLAN

FOUNDATION NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, REGULATIONS, AND FHA/VA REQUIREMENTS.
2. ALL DIMENSIONS SHOULD BE READ OR CALCULATED; DO NOT SCALE
3. ALL FOOTINGS TO BE BELOW FROST LINE (SEE LOCAL CODES) AND MUST REST ON UNDISTURBED SOIL CAPABLE OF HANDLING THE LOADS.
4. EXT. DIMENSIONS ARE NOTED TO OUTSIDE OF BRICK LEDGE.
5. BUILDER TO VERIFY ALL DIMENSIONS & MEASUREMENTS.
6. FOUNDATION VENTS AND ANCHOR BOLTS TO BE PLACED ACCORDING TO LOCAL CODES AND REQUIREMENTS.
7. BUILDER TO FIELD LOCATE HVAC & CRAWL ACCESS ACCORDING TO GRADE.
8. GRADE BEAMS UNDER INTERIOR L.B. WALLS.
9. 5/8" ALL THREAD RODS LOCATED WHERE SPECIFIED U.N.O.

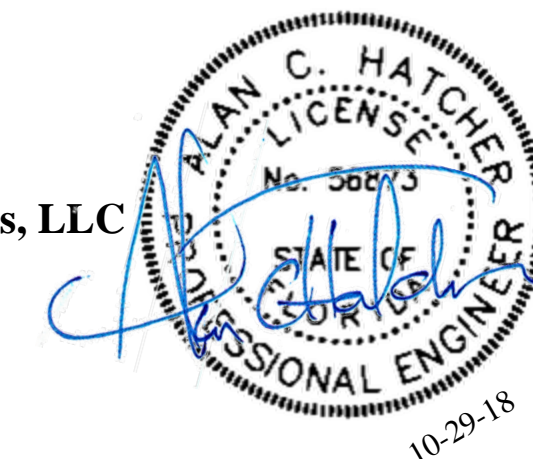
1/4" = 1'-0"

1st FLOOR WALL ANCHORS: (SEE DETAILS)

▲ : 1/2" DIA. THREADED ROD COUPLED TO ANCHOR BOLT BELOW (ONGRADE AND OFFGRADE). EXTENDED THROUGH TOP PLATE AND TERMINATED w/ 3" x 3" x 1/4" WASHER AND NUT.

ALL INTERIOR AND EXTERIOR LOAD BEARING AND SHEAR WALLS: 5/8" dia 'L' BOLTS W/ 2" WASHER AT SILL PLATE REQUIRED AT WITHIN 8" EACH SIDE OF ALL WALL OPENINGS, CORNERS AND AT 24" O.C. (PROVIDE 7" MIN EMBEDMENT)

Lane and Hatcher Engineers, LLC
 113 S Alcaniz St
 Pensacola, FL 32502
 850-393-0937 COA 9481
 for structural wind design



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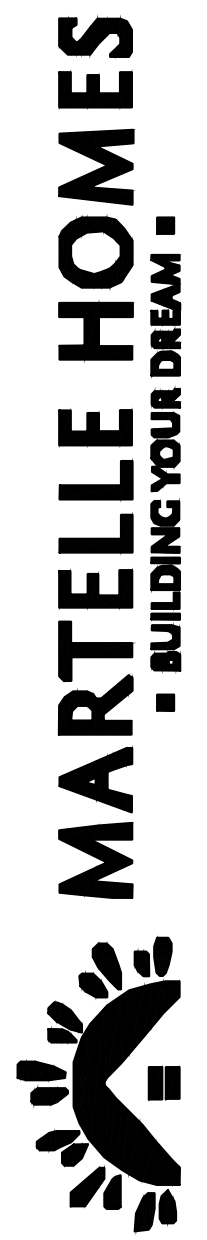
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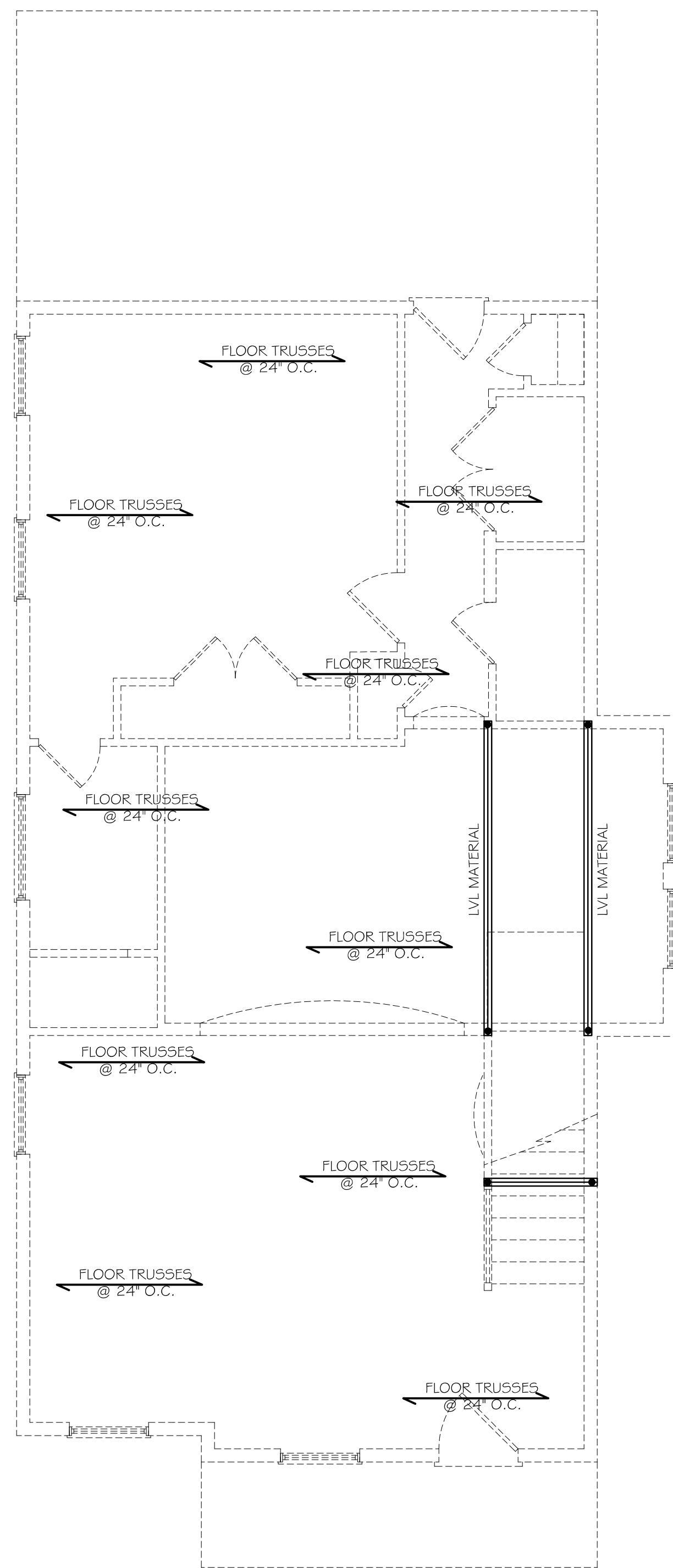
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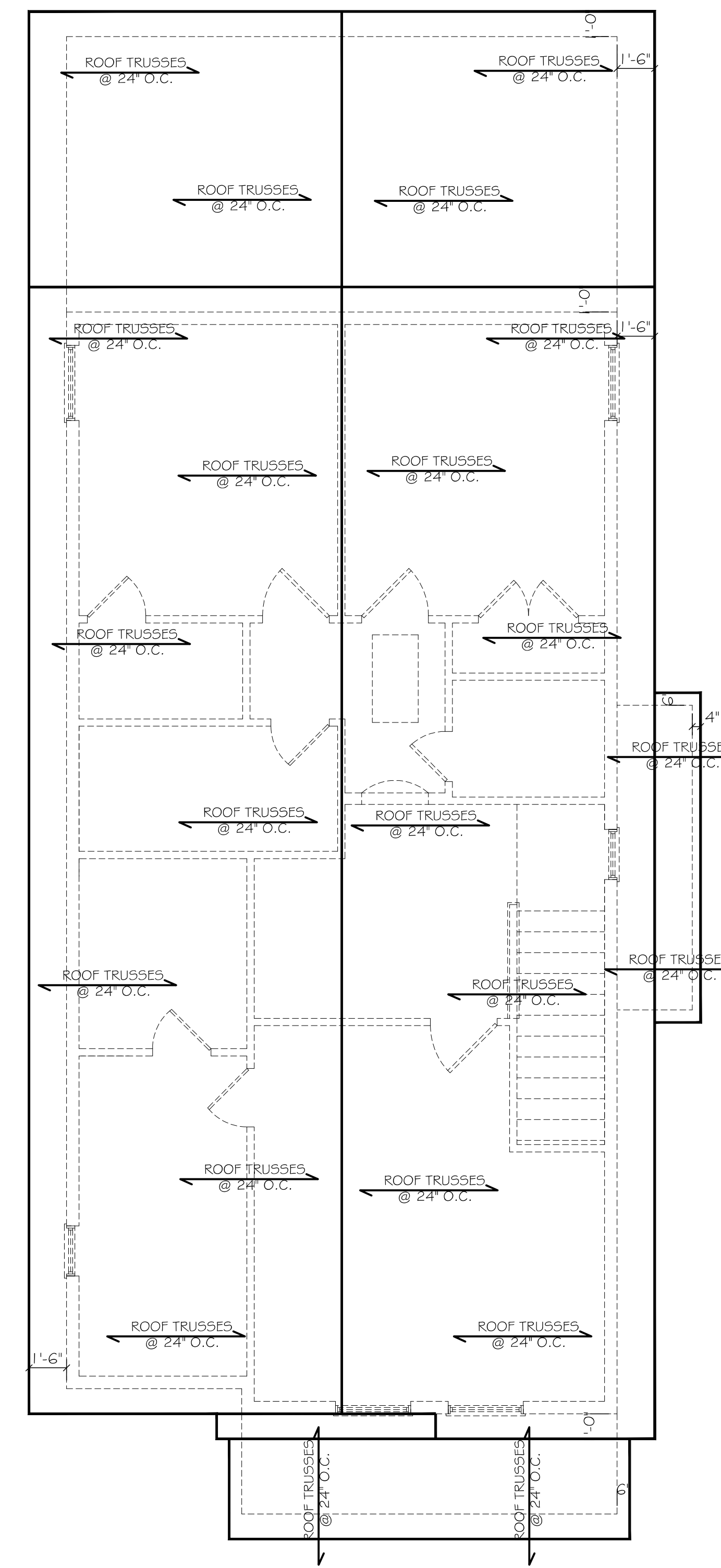
Proudly working with:





SECOND FLOOR JOISTS LAYOUT

1/4" = 1'-0"



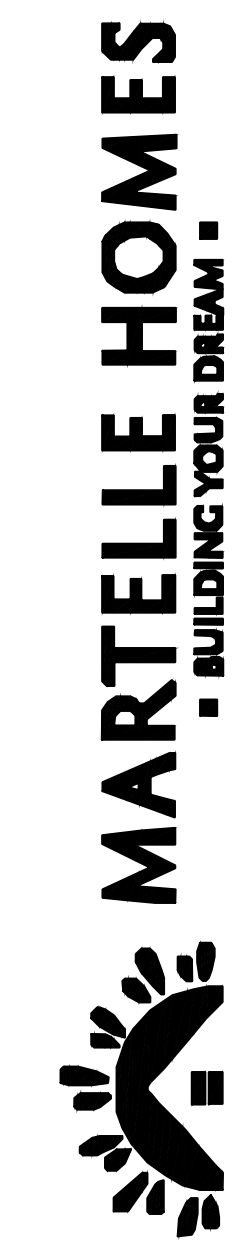
ROOF OVERVIEW

1/4" = 1'-0"

2nd FLOOR WALL ANCHORS: (SEE DETAILS)
 : (1) SIMPSON SDWF2427 EACH SIDE OF EXTERIOR WALL OPENINGS & CORNERS
 AND AT 64" o.c.

OTHER INTERIOR LOAD BEARING AND SHEAR WALLS:
 : (1) SIMPSON SDWF2427 EACH SIDE OF EXTERIOR WALL OPENINGS & CORNERS
 AND AT 64" O.C.

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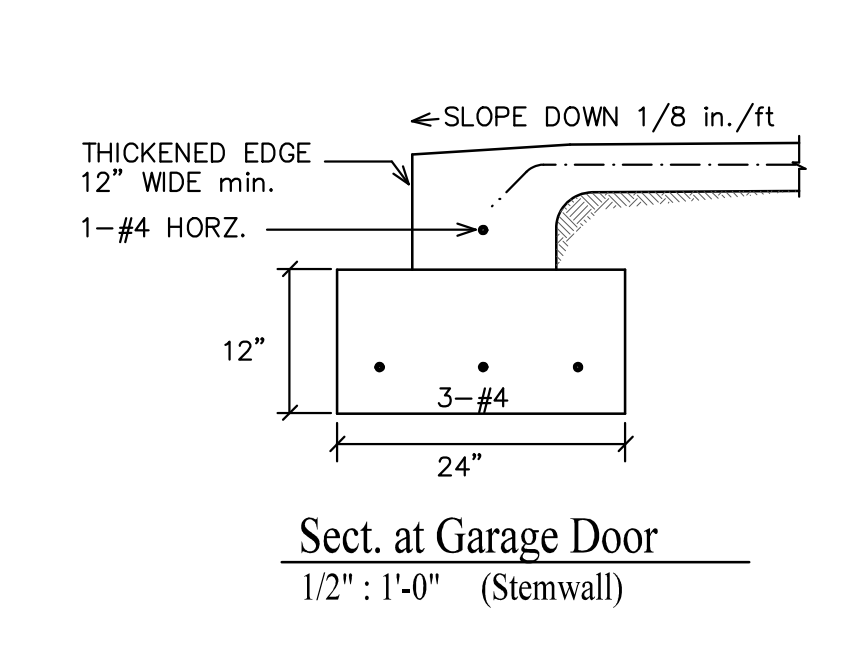
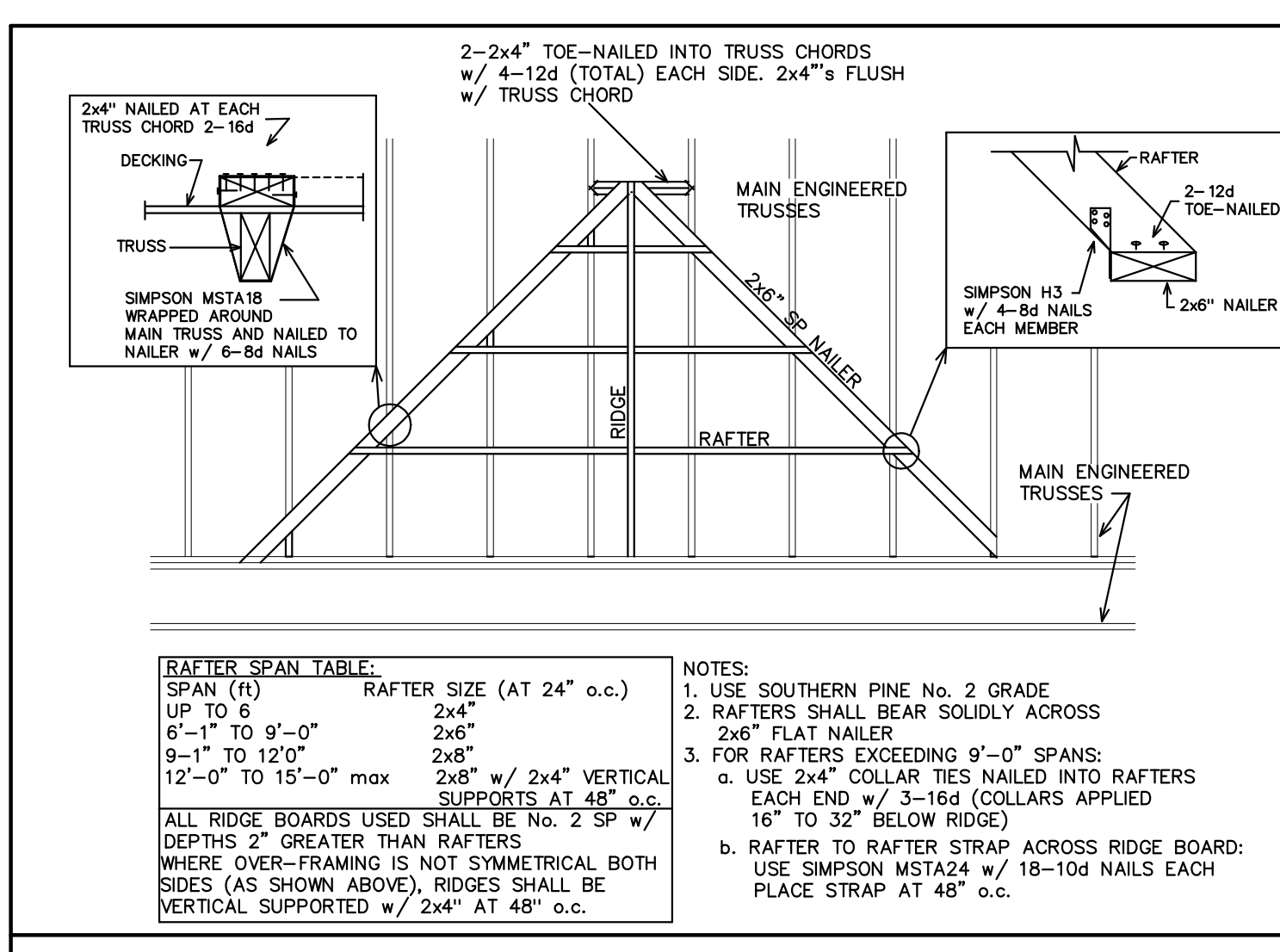
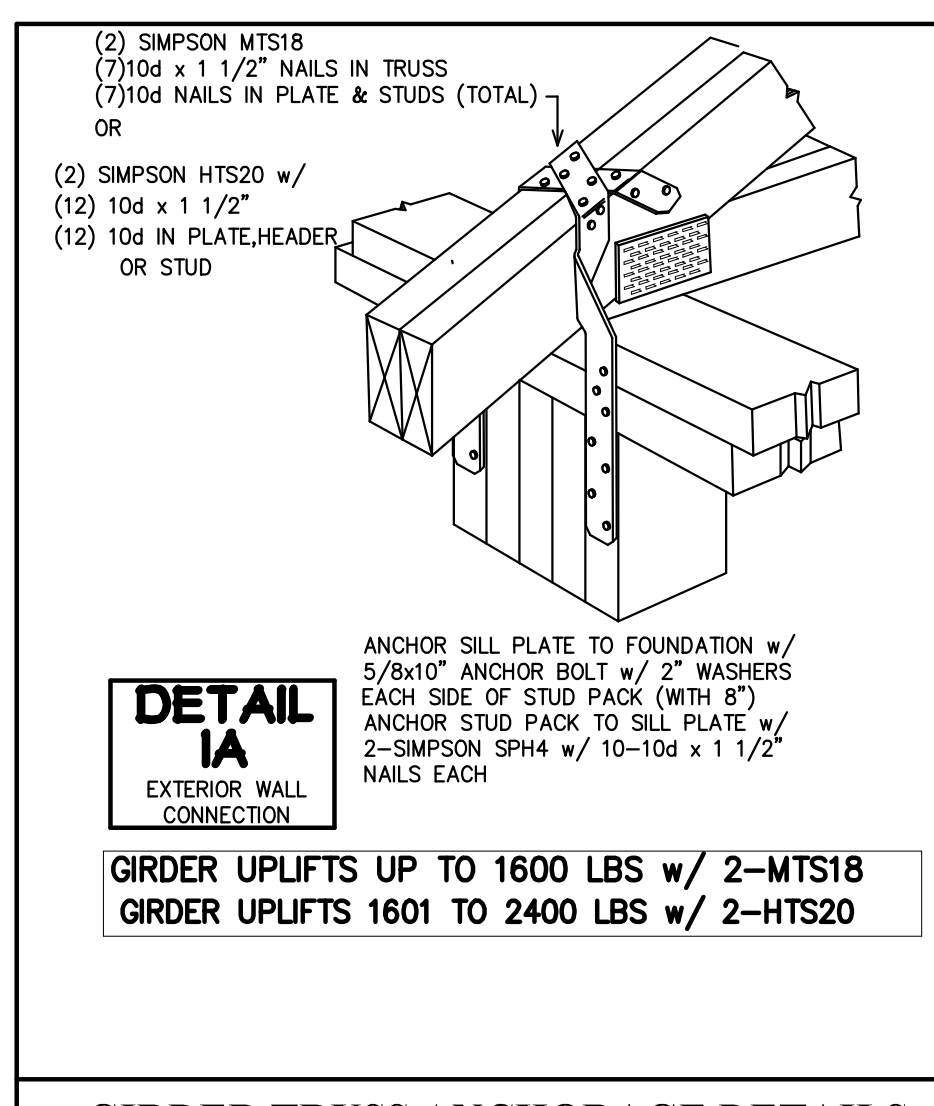
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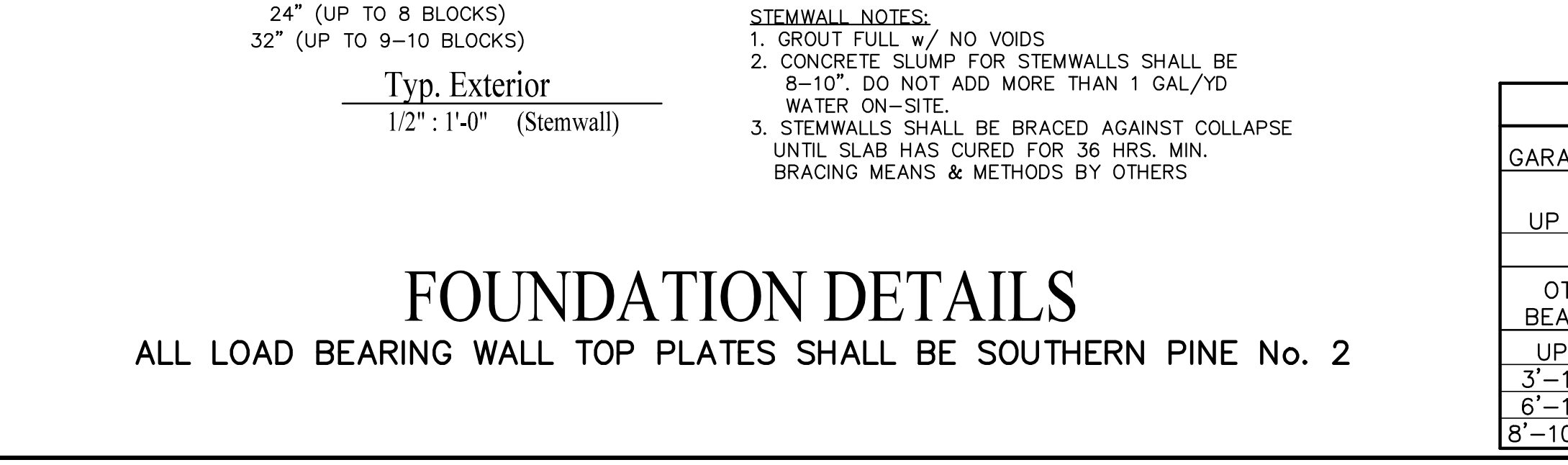
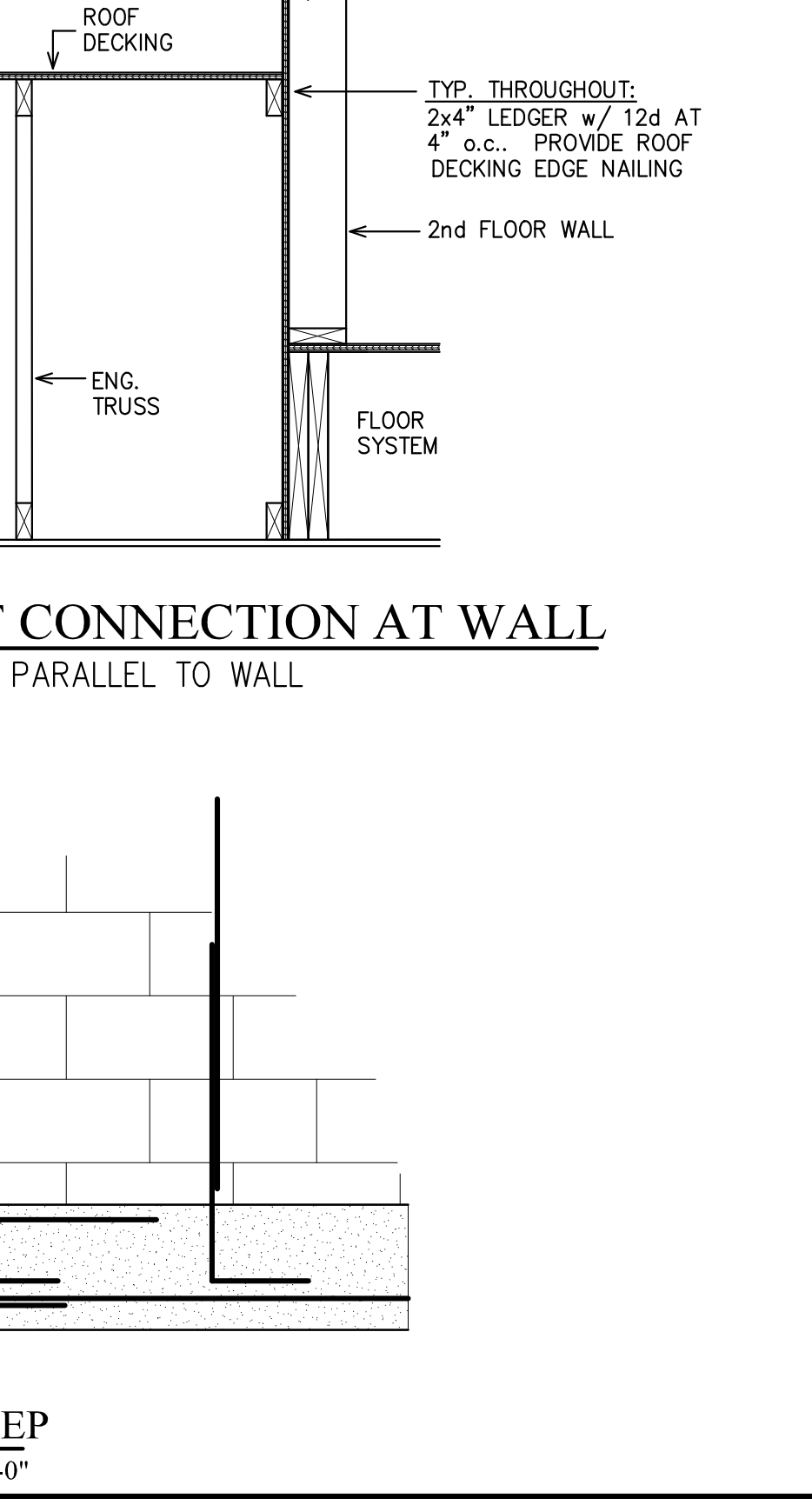
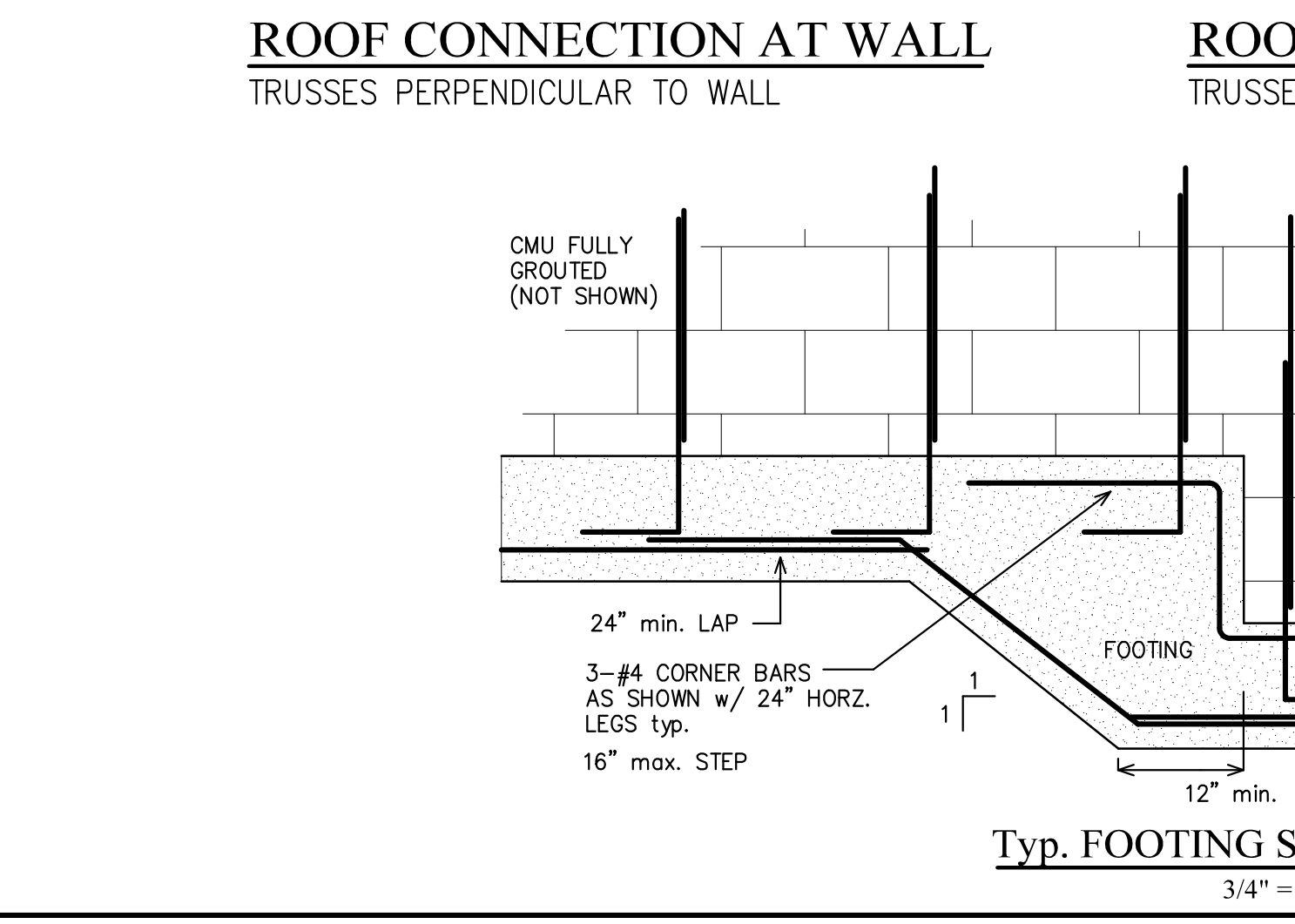
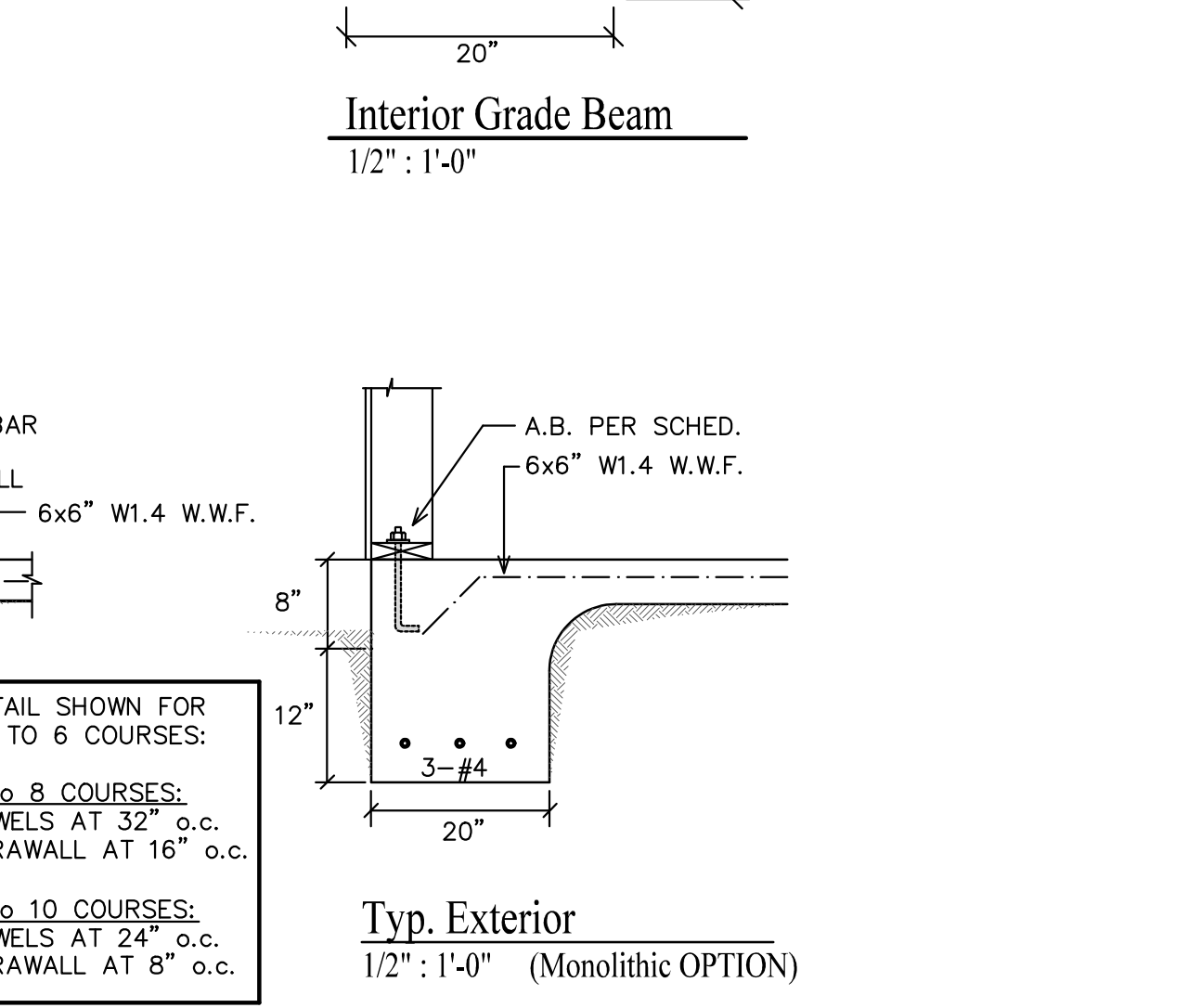
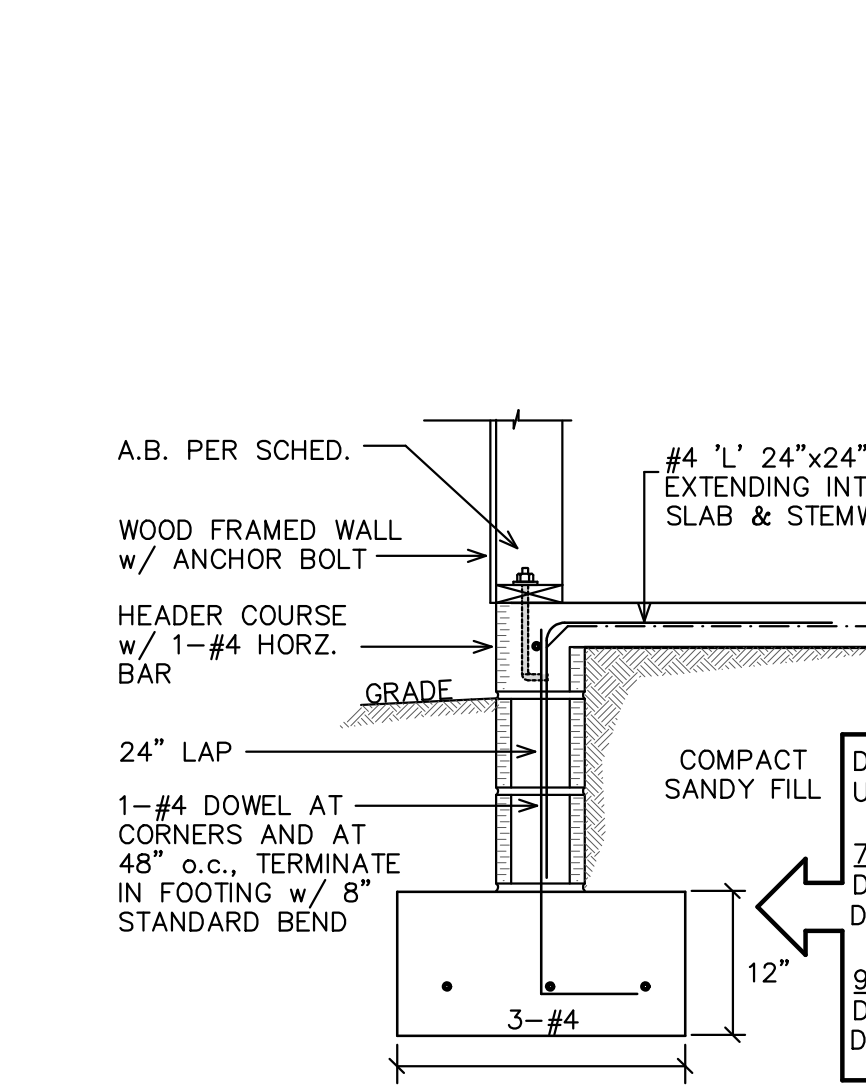
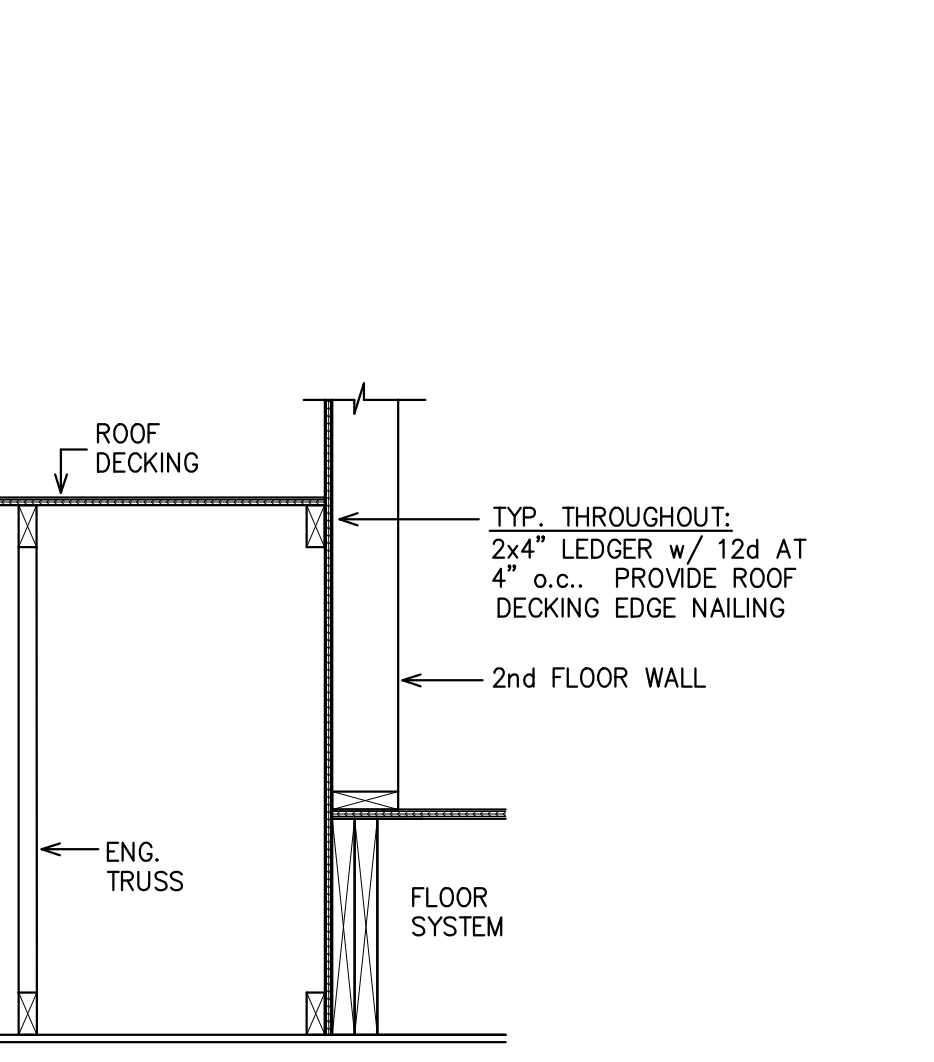
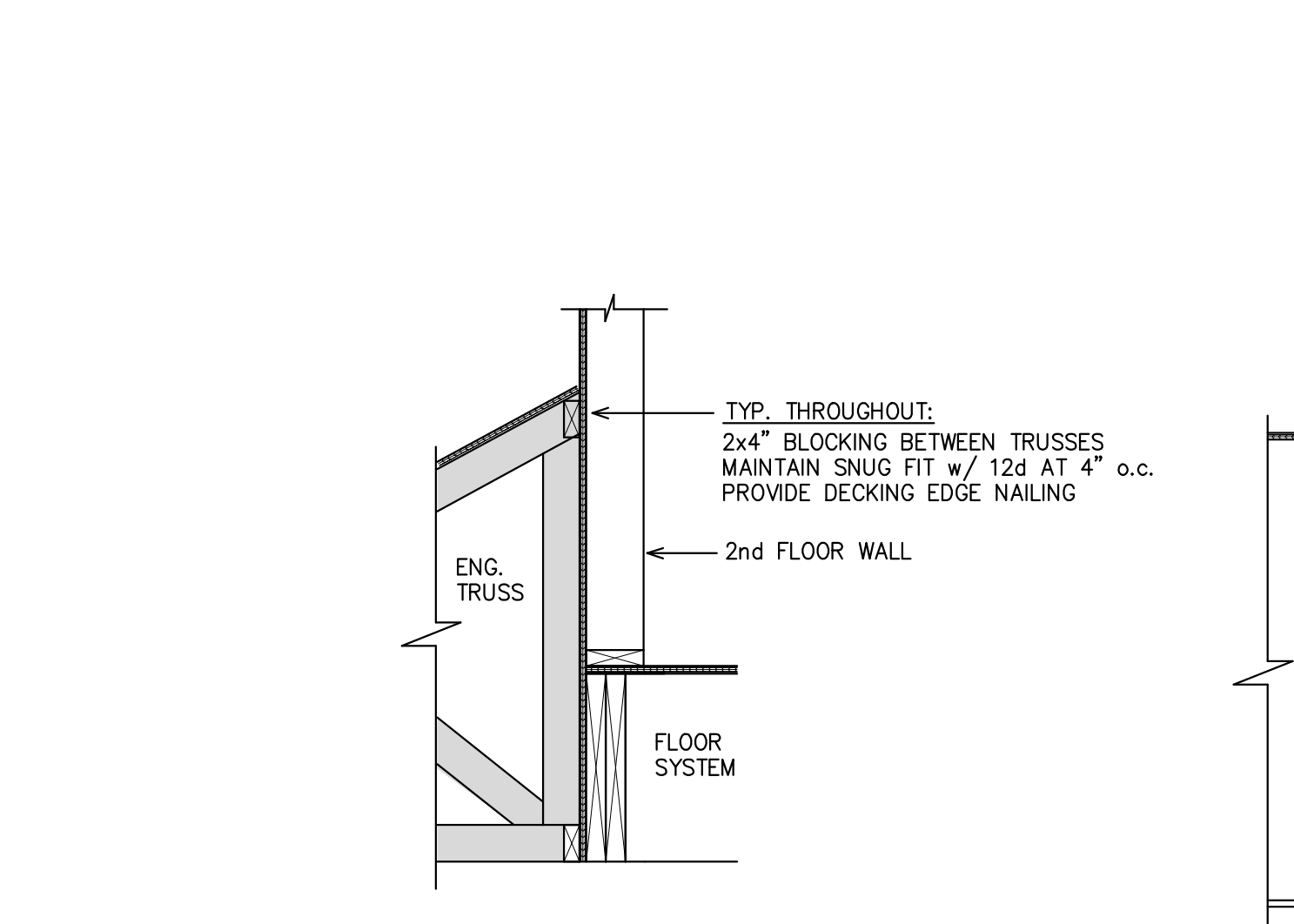
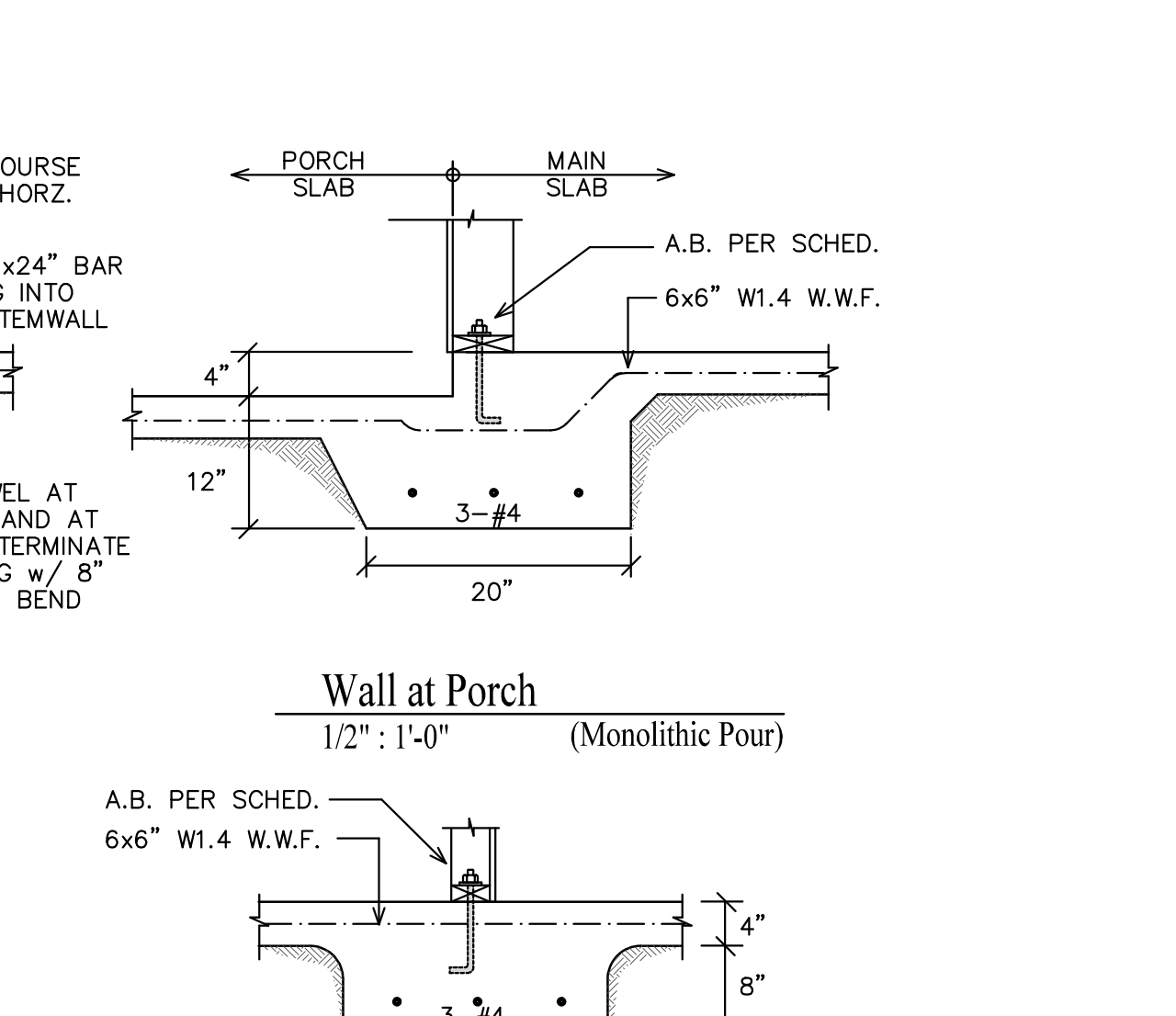
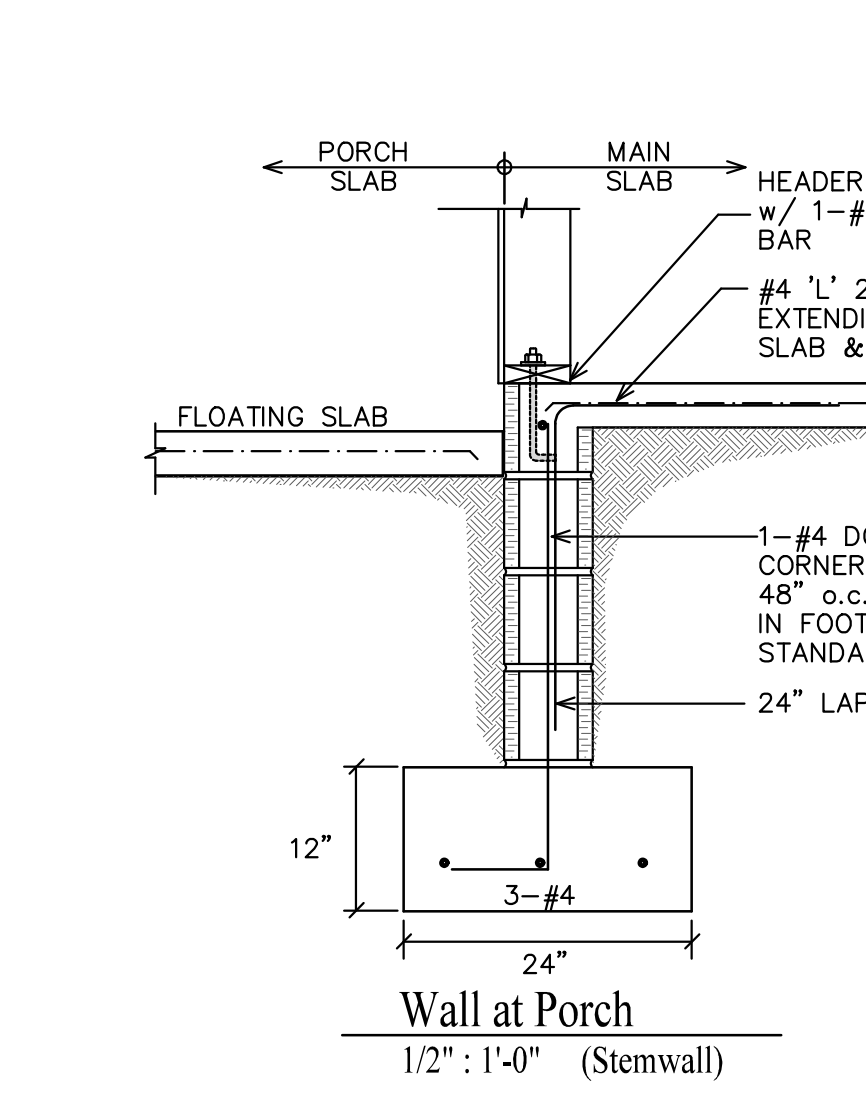
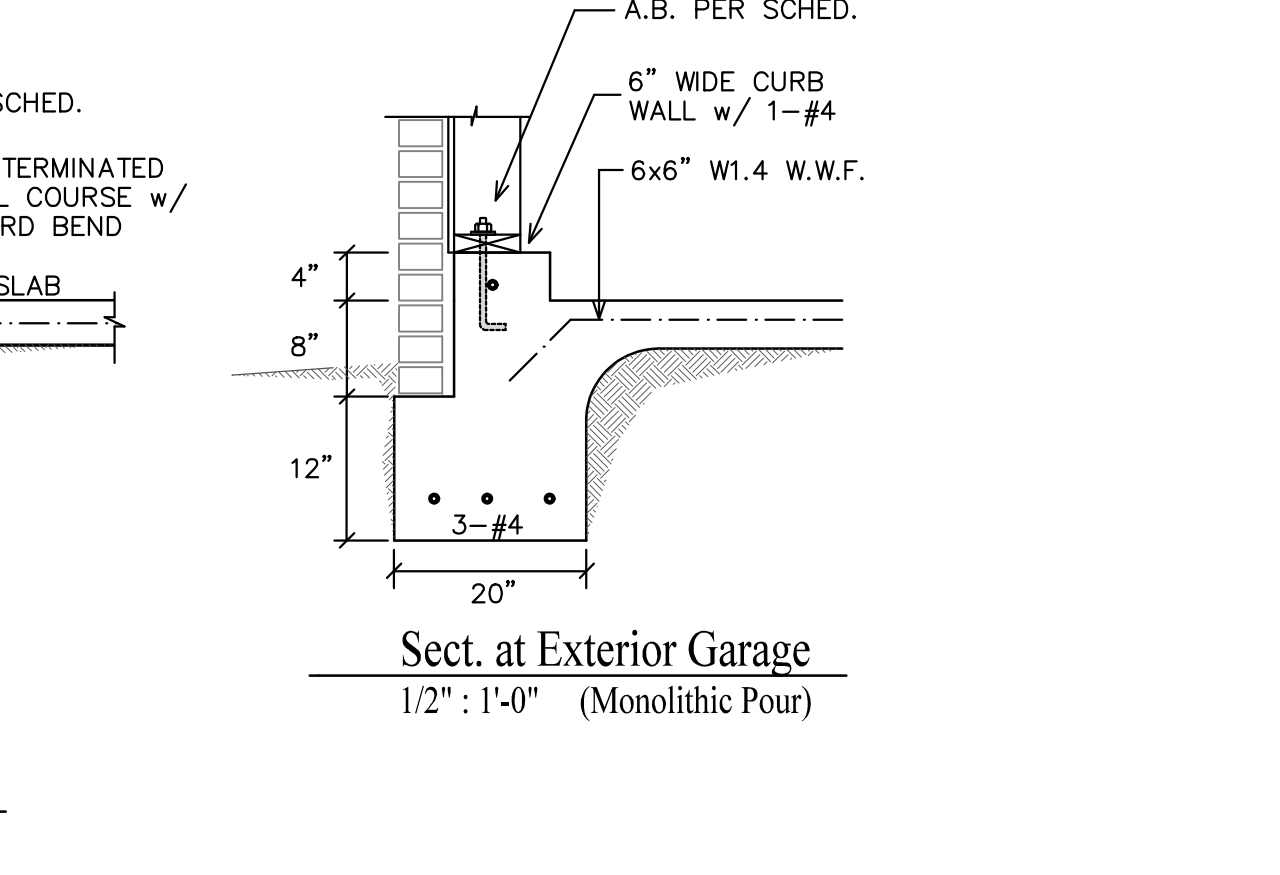
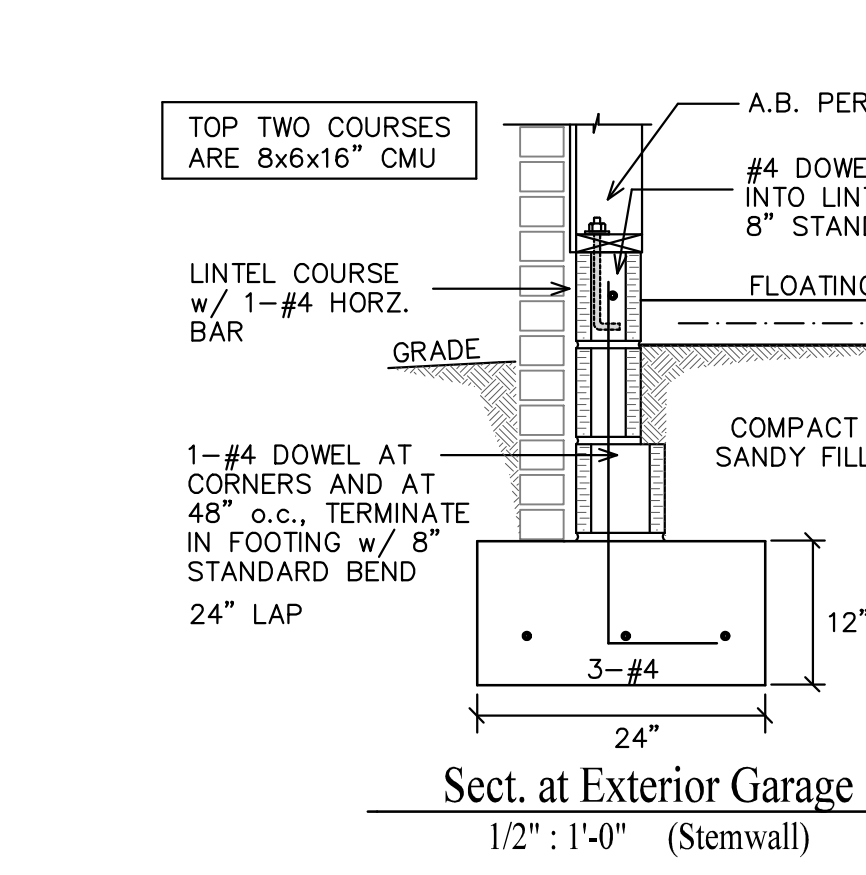
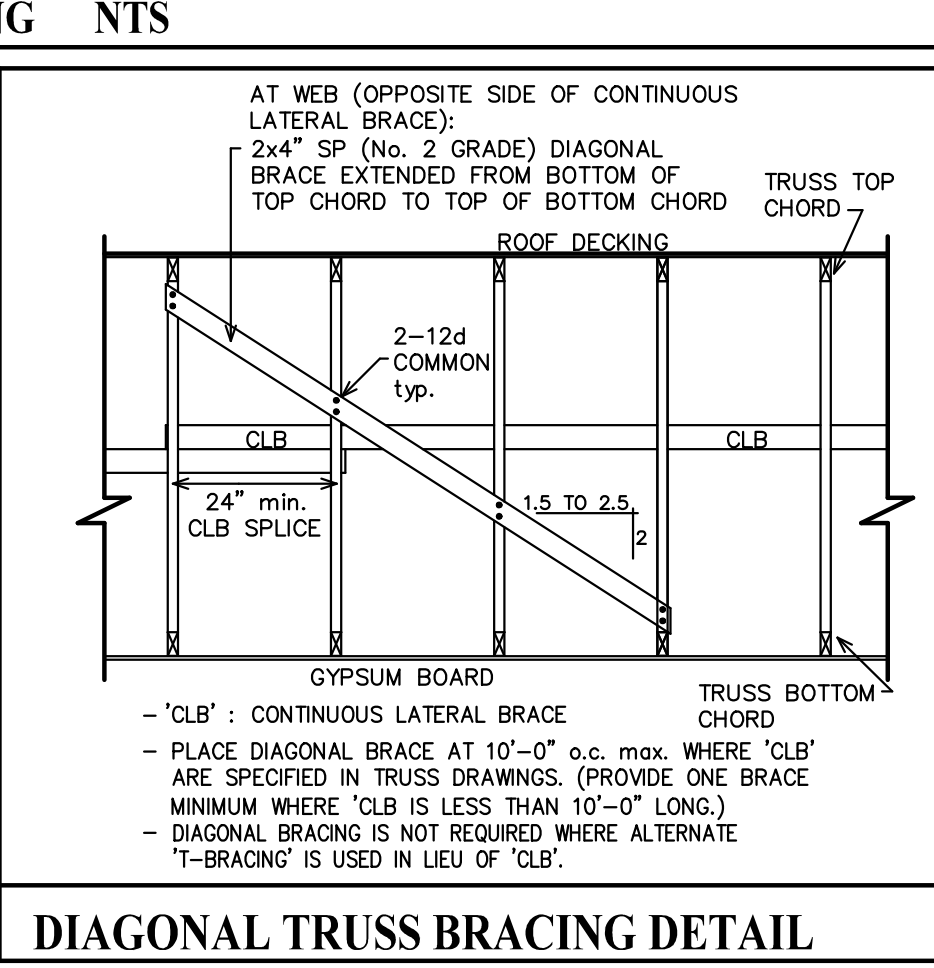
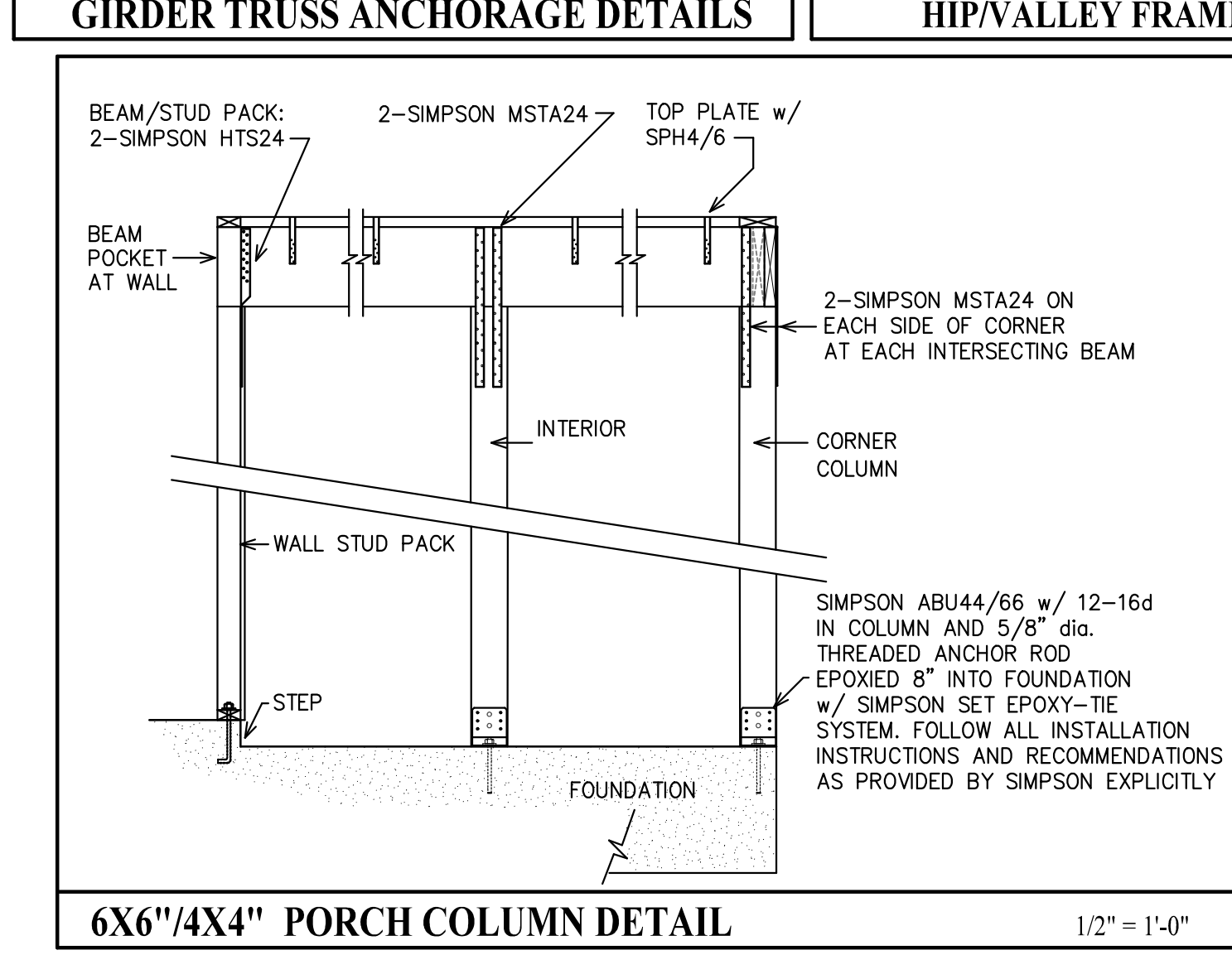
PLAN NUMBER:
 Lot 69, SC

DATE: 5/15/18



STRUCTURAL SHEATHING SCHEDULE:

ALL EXTERIOR WALL AND INTERIOR SHEAR WALLS	~ 1/2" min. APA RATED SHEATHING w/ 8D NAILS AT 3" O.C. EDGE SPACING AND 12" O.C. INTERIOR SPACING
ROOF SHEATHING:	~ 1/2" APA RATED SHEATHING w/ 8D RING SHANK GALV. NAILS AT 4" O.C. EDGE AND 6" O.C. INTERIOR SPACING
FLOOR SHEATHING:	~ 3/4" APA RATED SHEATHING w/ 10d RING SHANK NAILS AT 4" O.C. EDGE AND 12" O.C. INTERIOR SPACING (GLUE AND NAIL)
PORCH CEILING:	~ 1/2" APA RATED SHEATHING w/ 8D RINGED GALV. NAILS AT 4" O.C. EDGE AND 6" O.C. INTERIOR SPACING



GENERAL NOTES:

1. DESIGN CRITERIA:

A. CODES:
FLORIDA BUILDING CODE, 2017
AMERICAN CONCRETE INSTITUTE (ACI318)

B. DESIGN LOADS:
- DEAD AND LIVE LOADS PER ASCE-7-10
- WIND LOAD PER ASCE 7-10, EXP. B
- FOUNDATION DESIGN BASED ON SANDY SOILS w/ 2000 psf min ALLOWABLE BEARING

2. SITE PREPARATION

A. A GEOTECHNICAL SOILS REPORT WAS NOT FURNISHED FOR THIS PROJECT. AS INDICATED ABOVE, IT IS ASSUMED THAT ALL BEARING AND SUB-GRADE MATERIAL IS OF SANDY SOILS. CONTRACTOR SHALL VERIFY SOIL CONDITIONS w/ GEOTECHNICAL ENGINEER.

B. ALL FILL MATERIAL SHALL BE COMPACTED IN 12" LIFTS MAX. AND TO 95% MODIFIED PROCTOR DENSITY

3. FOUNDATION:

A. ALL CONCRETE SHALL BE BATCH PROPORTIONED, MIXED AND PLACED PER ACI 318

B. ALL CONCRETE SHALL OBTAIN AN ULTIMATE COMPRESSIVE STRENGTH OF 2500 PSI min.

C. REFER TO ARCHITECTURAL DRAWINGS FOR ALL PLUMBING, MECHANICAL, ELECTRICAL COMPONENTS CAST INTO CONCRETE

D. SLUMP FOR SLAB CONSTRUCTION SHALL NOT EXCEED 4 INCHES

F. ALL REINFORCING STEEL SHALL BE GRADE 40 min CONFORMING TO ASTM A-615

G. MAINTAIN 3 INCHES CLEAR CONCRETE COVER AT REINFORCEMENT IN FOOTINGS

4. GENERAL NOTES:

A. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE INITIATION OF WORK. THE PLANS DESIGNER OR ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCY.

B. THE ENGINEER PREPARING THESE PLANS AND ROOF TRUSSES SHALL BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS. IF CONTRACTOR DEVIATES FROM THIS PLAN PRIOR TO CONTACTING AND RECEIVING APPROVAL IN WRITING FROM THE DESIGN ENGINEER THE CONTRACTOR SHALL BE LIABLE AND RESPONSIBLE FOR ALL DAMAGES AND CORRECTIONAL COSTS.

C. APPROVAL BY THE INSPECTOR DOES NOT MEAN APPROVAL OR FAILURE TO COMPLY WITH THE PLANS AND SPECIFICATIONS. ANY DESIGN WHICH FAILS TO BE CLEAR OR IS AMBIGUOUS MUST BE REFERRED TO THE ENGINEER OR PLAN DESIGNER FOR INTERPRETATION OR CLARIFICATION.

D. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY w/ OSHA

E. ALL WORKERS SHALL BE COVERED BY WORKERS COMPENSATION INSURANCE CONTRACTOR RESPONSIBLE FOR ALL JOB SITE SAFETY

F. ALL EXTERIOR DOORS AND WINDOWS AND ROOF TRUSSES SHALL BE DESIGNED AND INSTALLED TO WITHSTAND DESIGN WIND LOADS BASED ON ASCE 7

G. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, OR TIE DOWNS.

5. TIMBER:

A. STRUCTURAL TIMBER EXCEPT STUDS AND TOP PLATE SHALL BE #2 SOUTHERN PINE (19% max. MOISTURE CONTENT)

B. PLYWOOD/OSB SHEATHING SHALL BE APA RATED (PRP-108)

C. EXTERIOR STUD AND SHEAR WALL TO HAVE SOLID BLOCKING AT SHEATHING JOINTS

D. ALL PSL OR LVL BEAMS- 2.0E, FIBER BENDING STRESS 2900 psi

E. ENGINEERED WOOD MATERIAL SUPPLIERS MUST FURNISH ENGINEERING CALCULATIONS SEALED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER ON ALL SUPPLIED COMPONENTS. INSTALLATION INSTRUCTIONS MUST BE PROVIDED AT TIME OF DELIVERY FOR ANY FIELD BRACING AND/OR REINFORCEMENT REQUIRED TO SATISFY THE STRUCTURAL PERFORMANCE OF EACH COMPONENT.

F. ALL TRUSSES SHALL BE DESIGNED AND CERTIFIED BY THE TRUSS MANUFACTURER'S STATE OF FLORIDA REGISTERED ENGINEER.

G. TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS TO THE CONTRACTOR AND DESIGNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF DIMENSIONS, MATERIALS AND CONDITIONS.

H. SPLICES AT MULTI-BOARD CONTINUOUS BEAMS SHALL BE ALLOWED FOR ONE BOARD ONLY PER SPAN AND ONLY AT THE QUARTER POINT OF THE SPAN, UNLESS SHOWN OTHERWISE.

WIND DESIGN CRITERIA:
DIRECTIONAL PROCEDURE FOR ASCE 7-10
DESIGNED FOR: 150 MPH (ULT.), 116 MPH ALLOWABLE STRESS DESIGN
TERRAIN EXPOSURE CATEGORY: B
GUST EFFECT FACTOR: 0.85
INTERNAL PRESSURE: +/- 0.18
RISK (OCCUPANCY) CATEGORY: II

DEAD AND LIVE LOAD:
ROOF LIVE LOAD: 20 PSF
ROOF DEAD LOAD: 15 PSF
CEILING DEAD LOAD: 5 PSF

Vsod (ULT) mph	AREA (sqft)	INTERIOR (ZONE 4)	END (ZONE 5)
116 (150)	up to 50	24.3/-26.3	24.3/-32.5
	51 to 130	21.7/-23.8	21.7/-27.4
120 (155)	up to 50	26.0/-28.2	26.0/-34.8
	51 to 130	23.2/-25.5	23.2/-29.3

USE WIND SPEED REQUIRED BY DESIGN CRITERIA LISTED ABOVE
FOR EXPOSURE B
END ZONE WITHIN 4FT OF MAIN BUILDING CORNERS

WHERE WALL PRESSURE REQUIREMENTS ARE SPECIFIED AT EACH DOOR/WINDOW OPENING, THOSE PRESSURE REQUIREMENTS SHALL TAKE PRECEDENCE OVER TABLE ABOVE.

NOTE TO TRUSS MANUFACTURER:

ABOVE 'BOXED' SECTION IS THE WRITTEN SPECIFICATIONS FOR THE TRUSS DESIGN OF THIS PROJECT.
TRUSS MANUFACTURE SHALL MEET OR EXCEED THE REQUIREMENTS FOR WIND/GRAVITY DESIGN AS LISTED INCLUDING REQUIRED WIND SPEED, TERRAIN EXPOSURE CATEGORY, INTERNAL PRESSURE, BUILDING CATEGORY AND BUILDING RISK CATEGORY.

WALL HEADER SCHEDULE:

GARAGE DOORS:	FRONT LOADED		SIDE LOADED	
	GABLE	HIP	NO ATTIC TRUSS	ATTIC TRUSS
UP TO 9'-3"	2-2x12"	2-2x12"	3-2x12"	2-11 7/8" LVL
16'-3"	3-2x12"	3-2x12"	2-16" LVL	2-16" LVL

OTHER LOAD BEARING WALLS

UP TO 3'-0"	2-2x8"
3'-1" TO 6'-0"	2-2x10"
6'-1" TO 8'-9"	2-2x12"
8'-10" TO 12'-0"	3-2x12" or 2-PLY 11 7/8" LVL

DATE _____ by _____

Serenity
AT DUNE ALLEN

Lot 69, Serenity

Lane and Hatcher Engineers, LLC
CERT. OF AUTH. 0481
5125 Oak Glen Dr
Pace, FL
850-393-0937

AW C. HATCHER
LICENSED ENGINEER
No. 56873
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10-18-18
FL P.E. # 56873

drawn by:
ACH

Checked by:
ACH

Date:
09-12-18

Scale:
as noted

Job No:
1809

SHEET
S1

OF 2 SHEETS

DATE	by

Serenity
AT DUNE ALLEN

Lot 69, Serenity

Lane and Hatcher Engineers, LLC
CERT. OF AUTH. 9481
5125 Oak Glen Dr
Pace, FL
850-393-0937

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No. 56873
STATE OF FLORIDA
10-18-18
FL P.E. # 56873

drawn by:
ACH

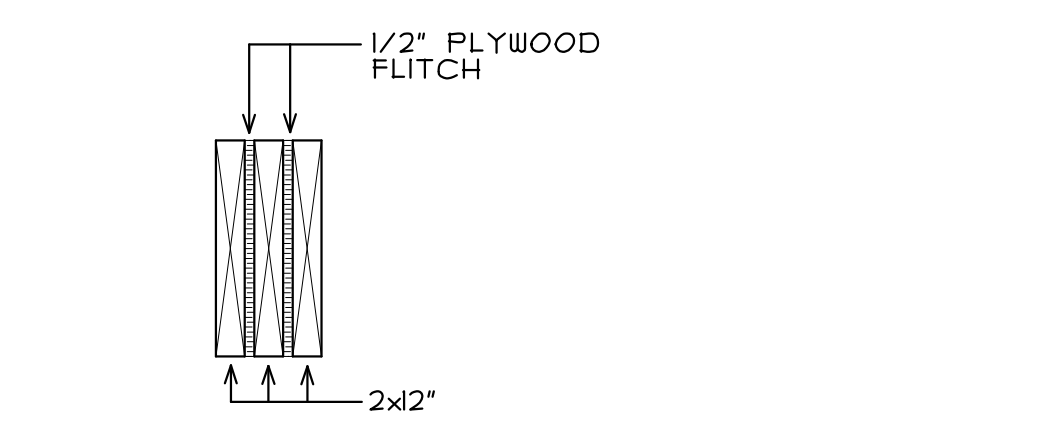
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ACH

Date:
09-12-18

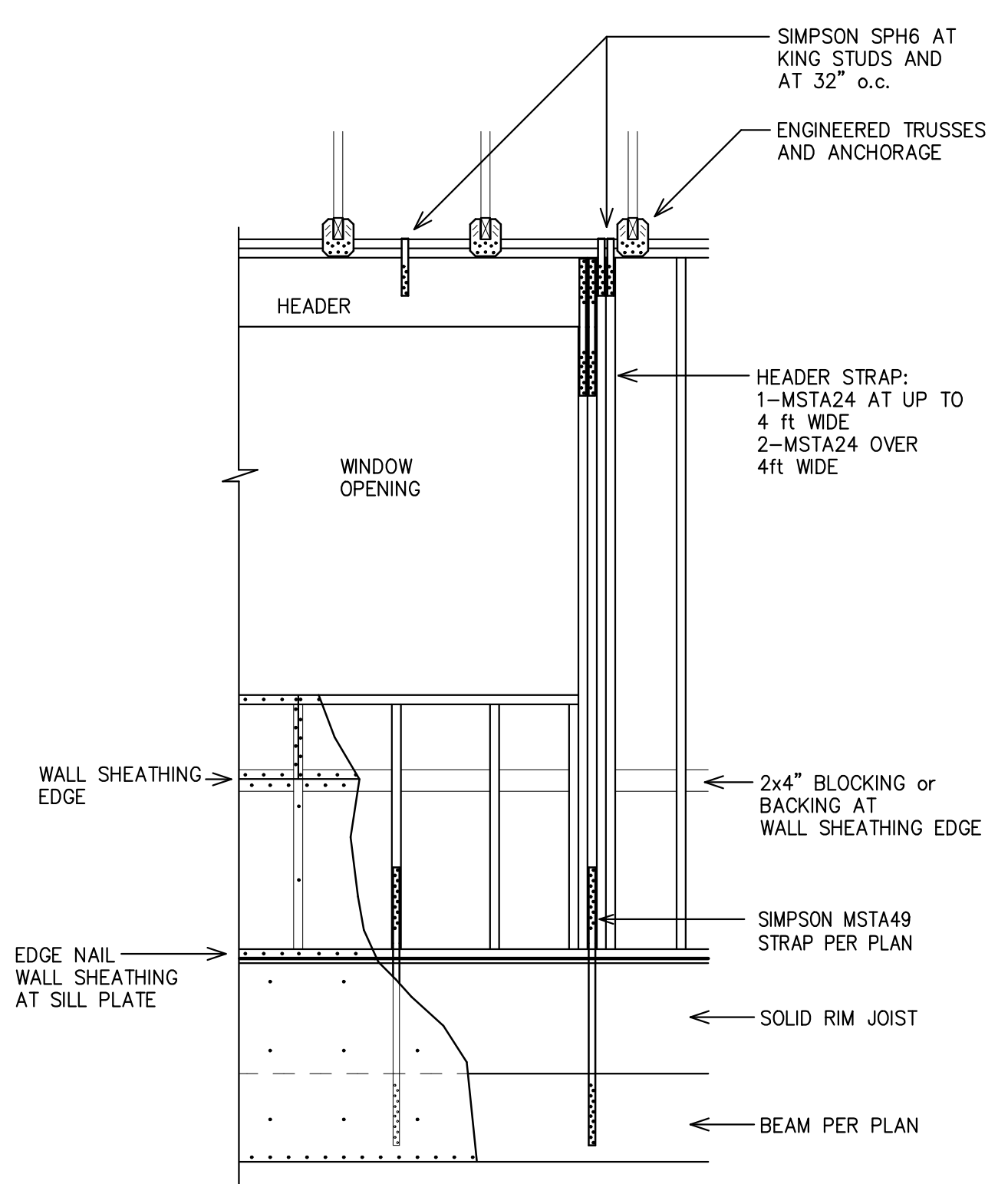
Scale:
as noted

Job No:
1809

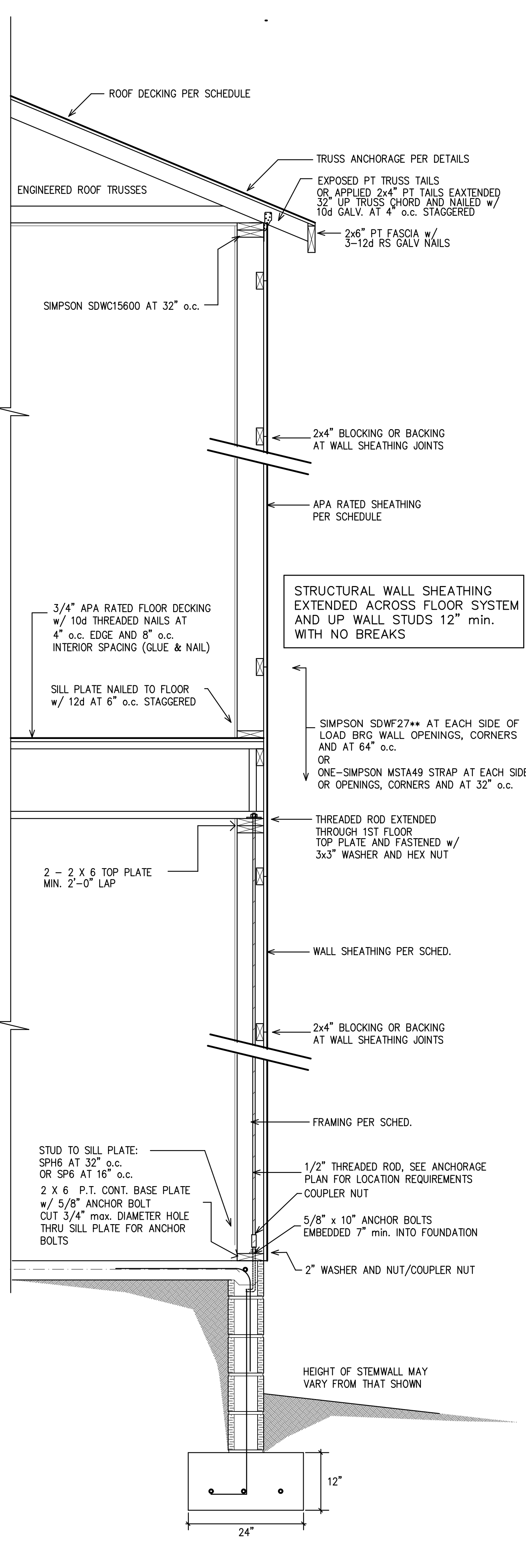
SHEET
S2
OF 2 SHEETS



TYP. WALL HEADER
UNLESS NOTED OTHERWISE



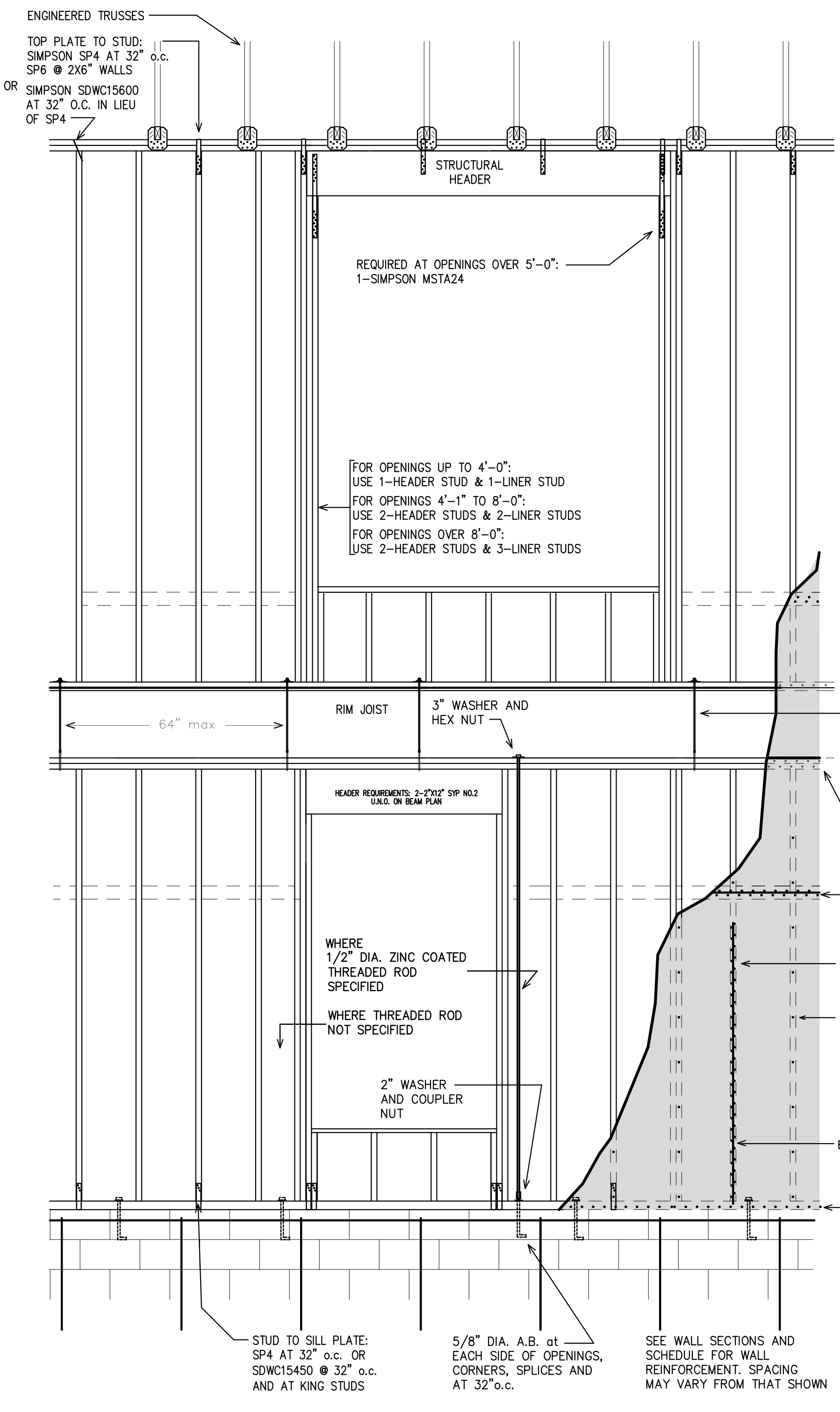
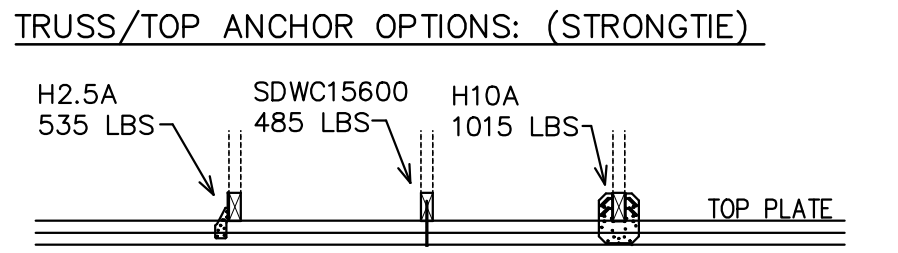
2nd FLOOR OPENING OVER GIRDER
1/2" = 1'-0"



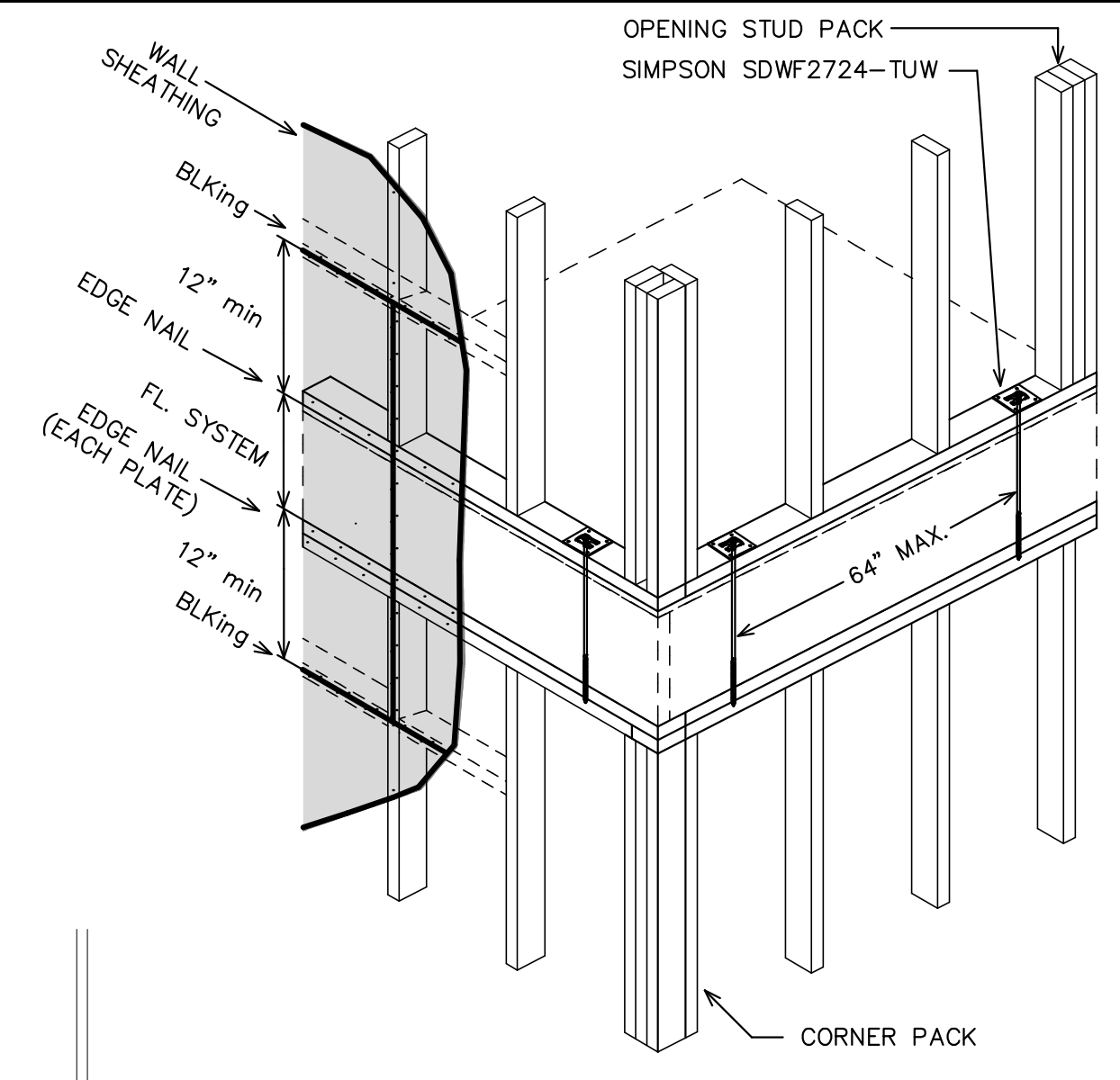
2-STORY SECTION DETAIL
3/4" = 1'-0"

NOTES FOR THREADED TIE-RODS:

1. IMMEDIATELY PRIOR TO DRYWALL APPLICATION, ALL THREADED TIE-RODS SHALL BE CHECKED BY CONTRACTOR TO INSURE THEY ARE IN A TAUGHT POSITION AND FREE OF SLACK. TIGHTEN HEX NUTS AT TOP PLATE FOR TIE-ROD TENSIONING.
2. TIE-RODS SHALL BE INSTALLED AT TOP PLATE WITHIN 4" OF STUD PACK. TIE-RODS MAY BE BOWED (NOT BENT) UP TO 8" Laterally TO ACHIEVE PROPER PLACEMENT AT TOP PLATE.
3. USE GRADE A36 THREADED ROD MATERIAL OR BETTER.
4. 1/2" DIA. THREADED ROD MAY BE USED IN LIEU OF 5/8" ROD SPECIFIED. USE 5/8 TO 1/2" REDUCING COUPLER AT 5/8" ANCHOR BOLT. 1/2" ANCHOR BOLTS MAY NOT BE USED IN LIEU OF 5/8" ANCHOR BOLTS SPECIFIED.



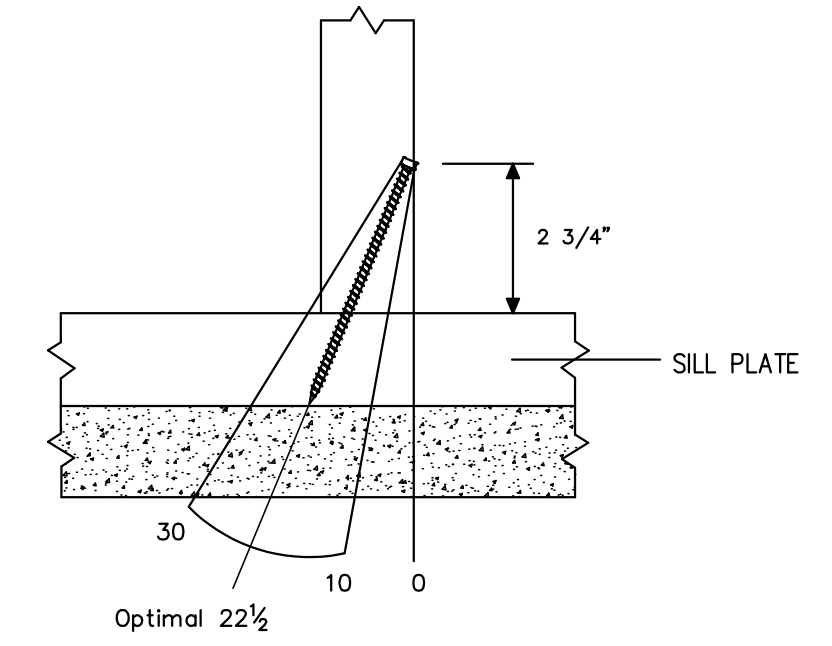
WALL OPENING DETAIL
1/2" = 1'-0"



FLOOR TO FLOOR-SIMPSON SDWF DETAIL
2-STORY
1/2" = 1'-0"

ALL SDWC AND SDWF SCREWS SHALL BE INSTALLED PER SIMPSON STRONGTIE INSTRUCTIONS AND SPECIFICATIONS EXPLICITLY!!

STRUCTURAL WALL SHEATHING EXTENDED ACROSS FLOOR SYSTEM AND UP WALL STUDS 12" min. WITH NO BREAKS



SDWC SCREW INSTALL AT SILL PLATE

NOTE: AT LOAD-BEARING INTERIOR WALLS WHERE APA RATED SHEATHING NOT APPLIED: ANCHOR TOP AND SILL PLATES TO STUD W/ SIMPSON SP4/6 AT 16" O.C. ANCHOR HEADER TO PACKS: SIMPSON MSTA24 EACH END