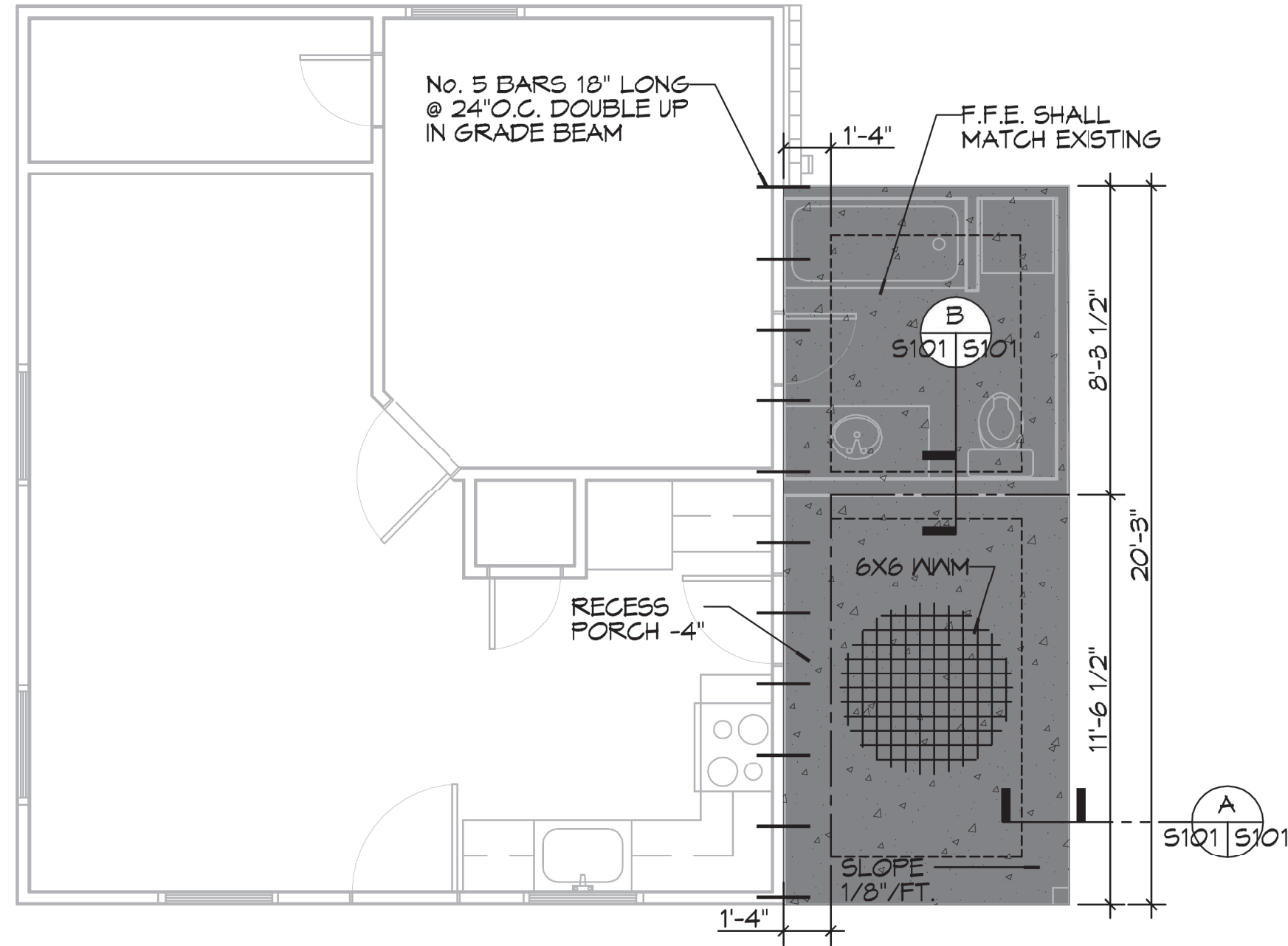


FILE NAME: J:\PROJECTS\2021\20210303_01 - New House - 2021-03-03.dwg & TIME: Thursday, Mar 18, 2021 2:00:03 PM



1 FOUNDATION PLAN

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

GENERAL FOUNDATION NOTES

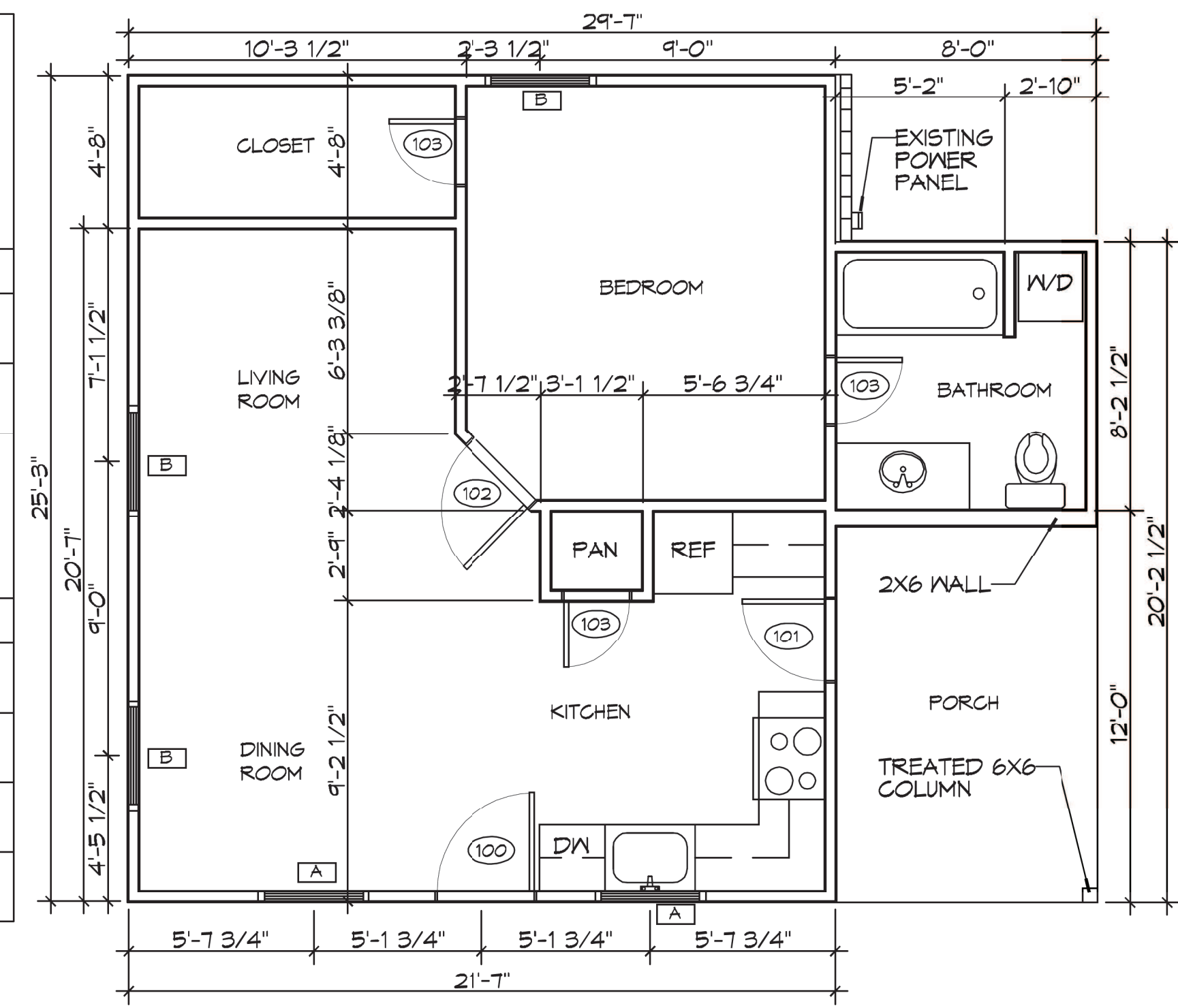
1. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
2. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON ARCHITECTURAL DWGS.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
4. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
5. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE MINIMUM 10 MIL, THICKNESS; ASTM E 1745 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP, ECOSHIELD-E 15 MIL BY EPFO, OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
6. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
7. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
8. GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
9. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MINIMUM NET ALLOWABLE BEARING PRESSURES OF 1200 PSF AND 2000 PSF, RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
10. ALL SOIL BELOW SLAB SHALL RECEIVE TERMITE TREATMENT.

WINDOW SCHEDULE

MK	WIDTH	HEIGHT	TYPE
A	3'-0"	3'-0"	OPERABLE
B	3'-0"	6'-0"	OPERABLE

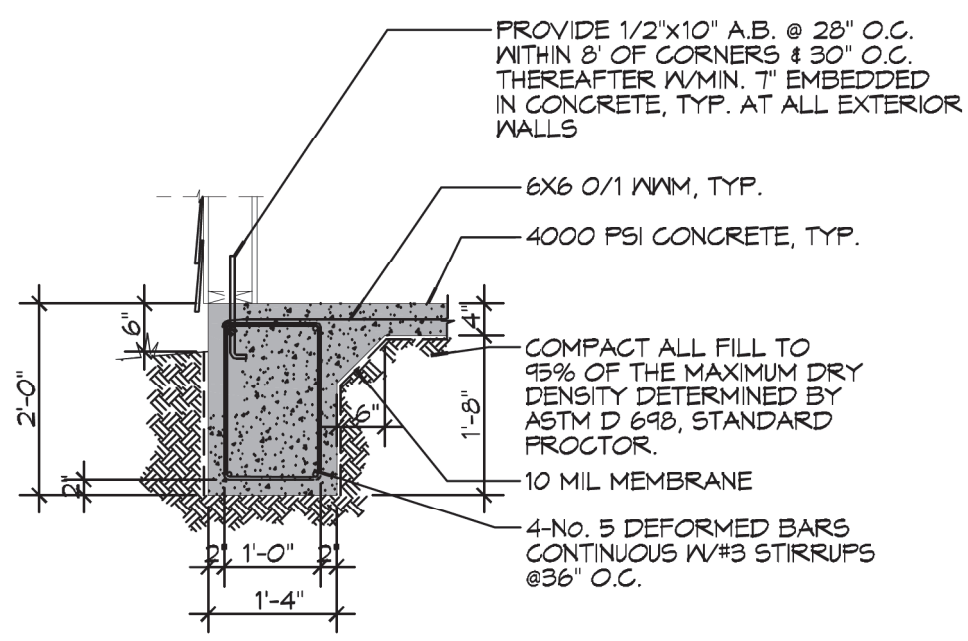
DOOR SCHEDULE

MK	WIDTH	HEIGHT	NOTES
100	3'-0"	6'-8"	EXTERIOR DOOR
101	2'-6"	6'-8"	EXTERIOR DOOR
102	2'-8"	6'-8"	INTERIOR DOOR
103	2'-0"	6'-8"	INTERIOR DOOR



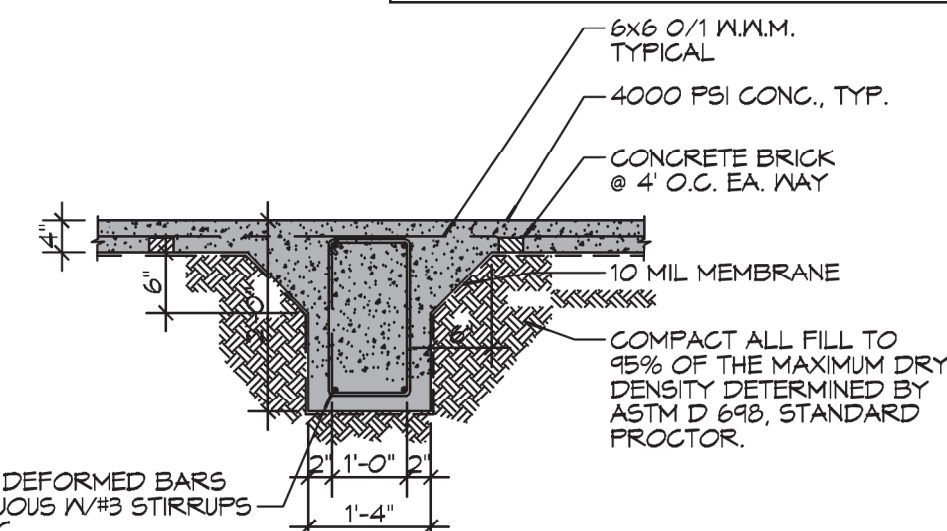
2 FLOOR PLAN

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



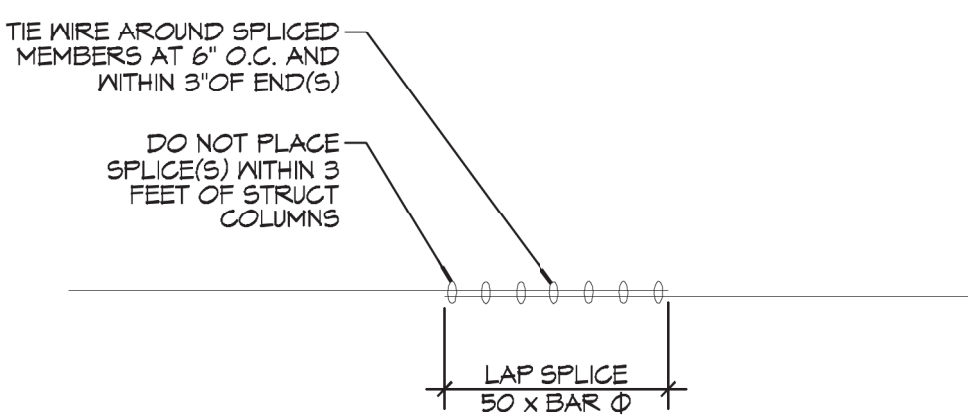
A FOUNDATION DETAIL

SCALE: 1/2"=1'-0"



B FOUNDATION DETAIL

SCALE: 1/2"=1'-0"



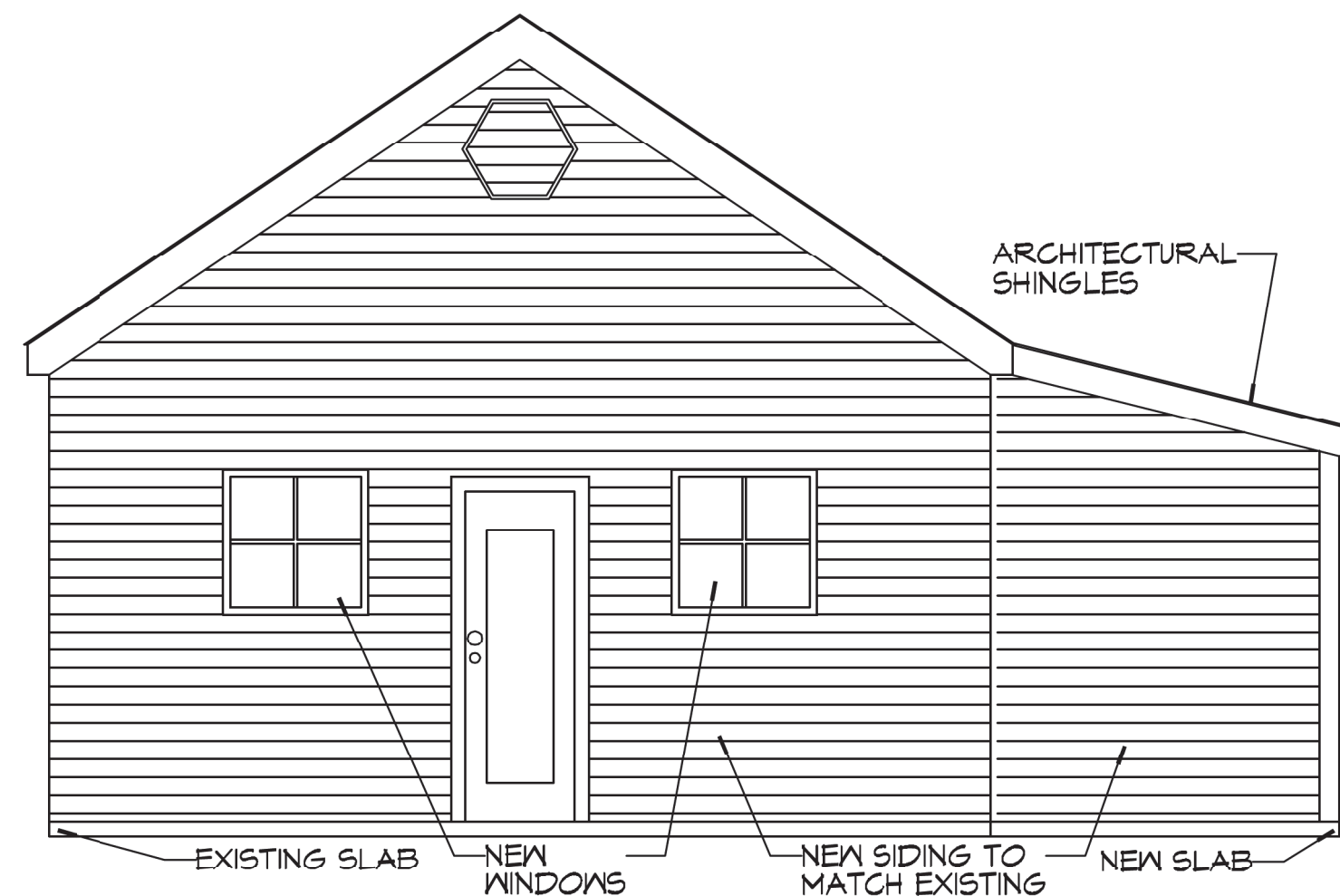
2 FOUNDATION DETAIL

SCALE: 1/2"=1'-0"



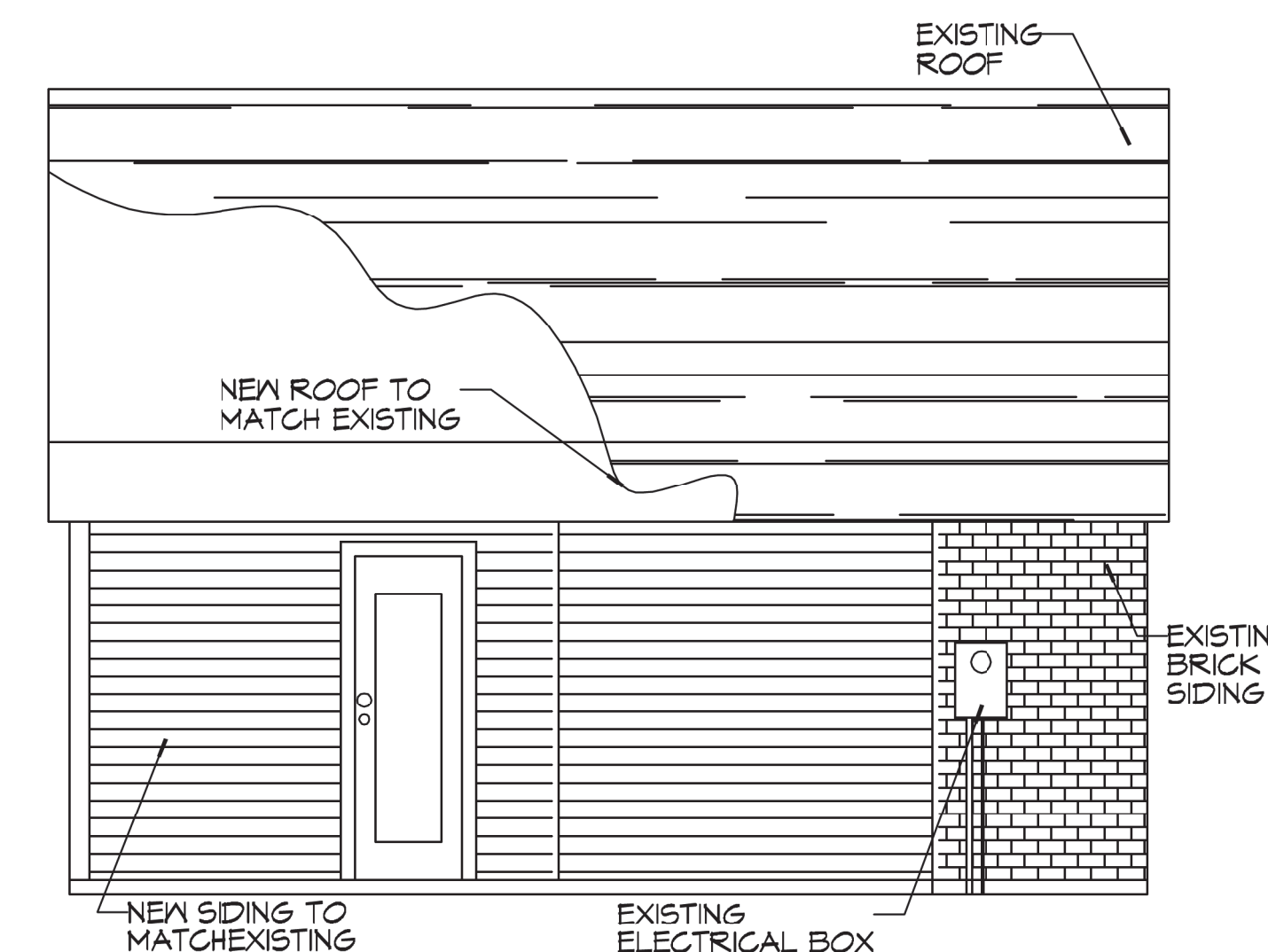
4 LEFT ELEVATION VIEW

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



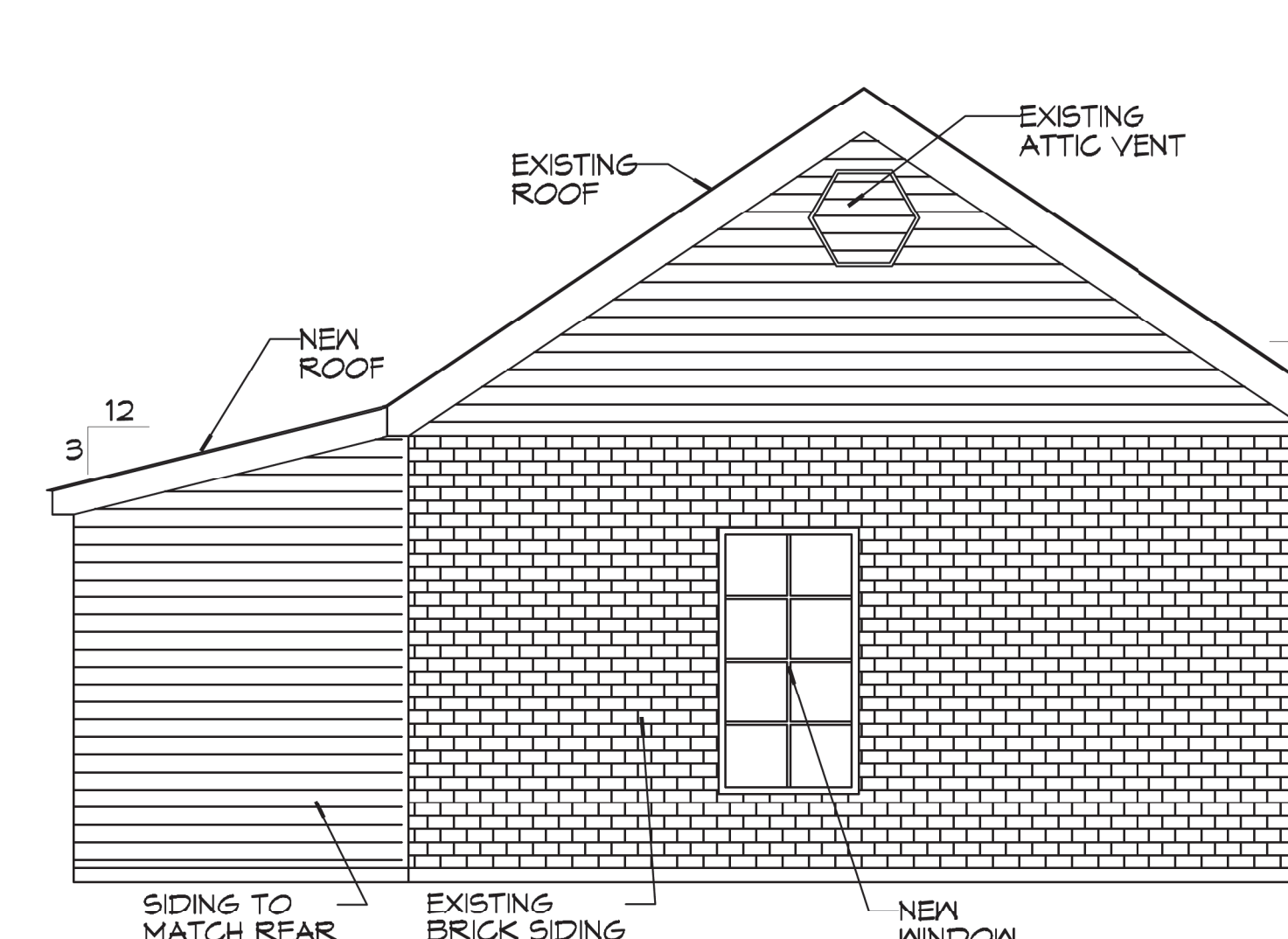
5 FRONT ELEVATION VIEW

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



6 RIGHT ELEVATION VIEW

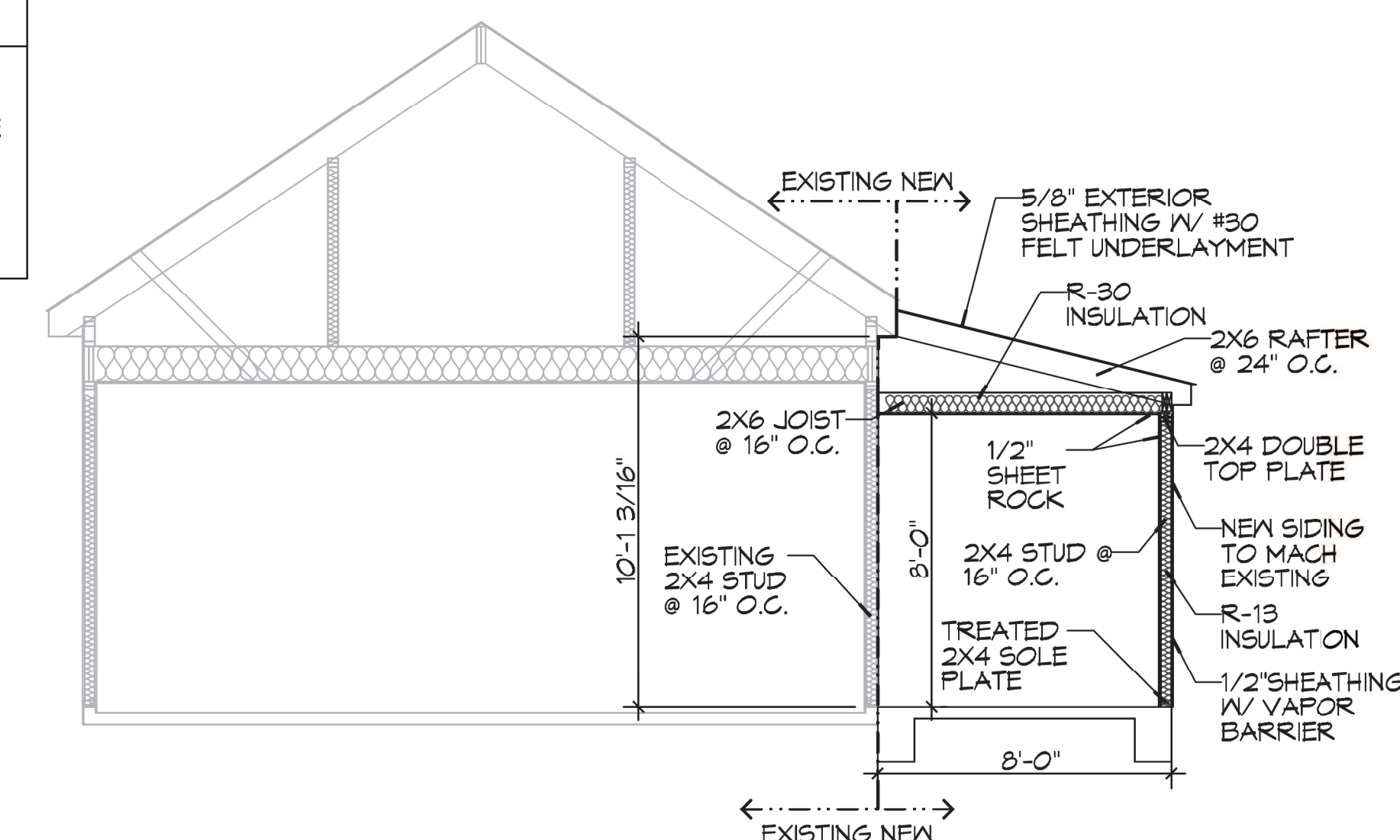
SCALE: 1/4"=1'-0"



7 REAR ELEVATION VIEW

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

WIND SPEED
 THE CONSTRUCTION FOR SAID RESIDENCE, WHERE VULT WIND SPEED IS 141 mph and VASD WIND SPEED IS 110 mph, WIND EXPOSURE ZONE C. THIS DESIGN IS IN ACCORDANCE WITH: AMERICAN WOOD COUNCIL, WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (AWFCM) 2015 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2015 EDITION.

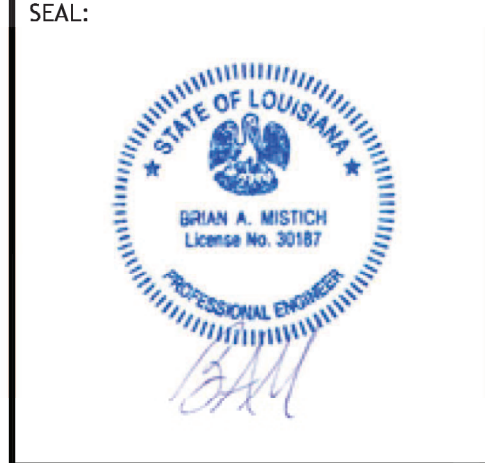


3 SECTION VIEW

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

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 LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian Mitch, PE
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 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.5832

#	DESCRIPTION	DATE



ADDITION
D A Y S A N T
 98245 JOHN WESSBOR
 PEARL RIVER, LA
 JOB No: 05-19-2021
 DRAWN BY: MOTHY TAYLOR
 CHECKED BY: CKD

SHEET TITLE:
FLOOR PLAN

DRAWING NUMBER:
A101

TABLE S107.7 - UPLIFT CONNECTIONS - 130 MPH WINDS EXP "C"

CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SHEAR	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1-1/4"x20 GAGE STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" OC	16	407	292	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	219	436	4

TABLE S107.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 130 MPH WIND EXP "C"

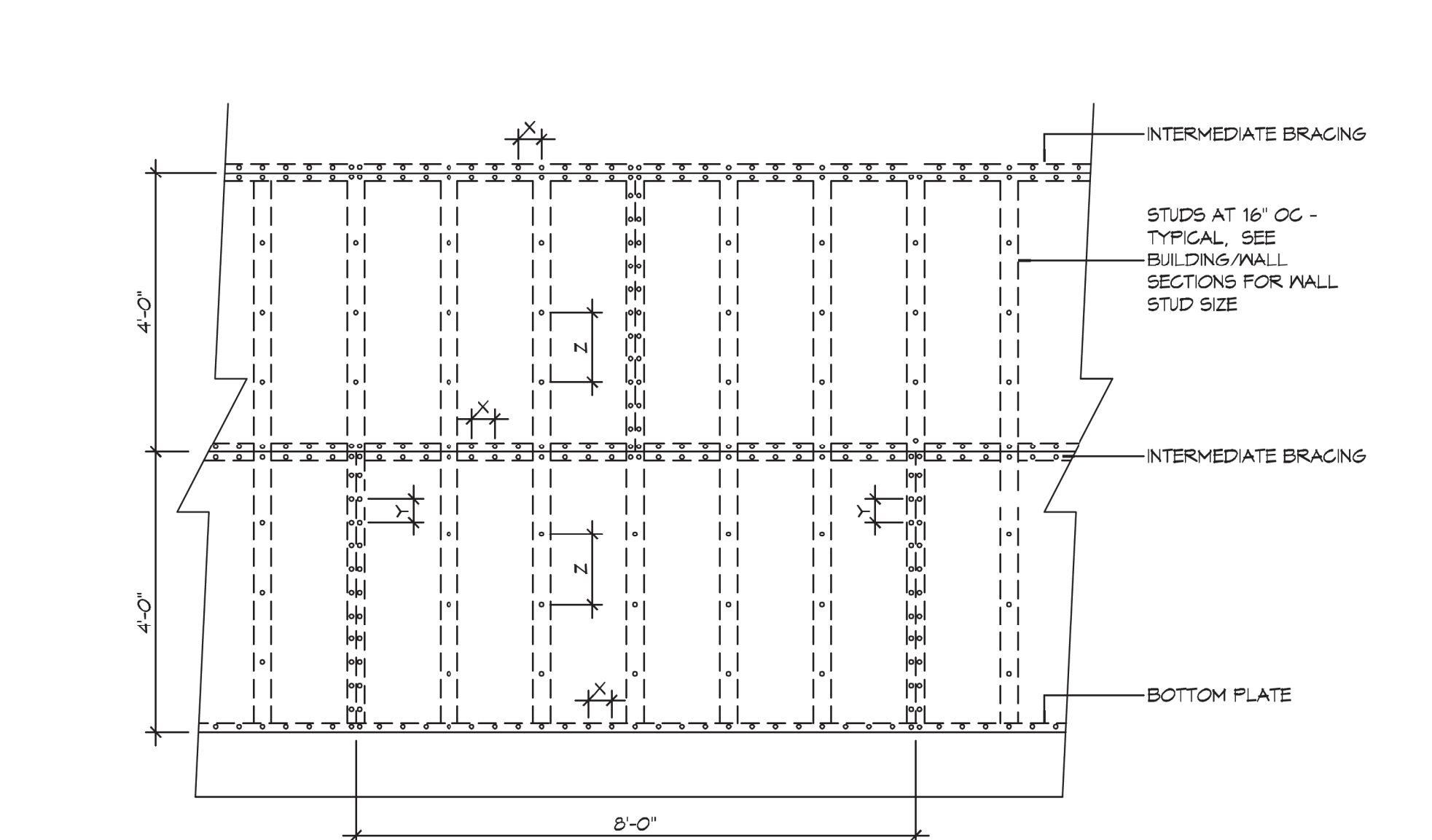
BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)
UPLIFT LOADS	1 - 3 STORIES	29 INCHES ON CENTER
		30 INCHES ON CENTER

TABLE S107.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 130 MPH WIND EXP "C"

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)
UPLIFT LOADS	4 STORY	48 INCHES ON CENTER W/3X3X1/4" WASHER

TABLE S107.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "C"

HEADER SPAN (FEET)	WALL SPACING (INCHES)		
	12" O.C.	16" O.C.	24" O.C.
2	1	1	1
4	2	2	1
6	3	3	2
8	4	3	2

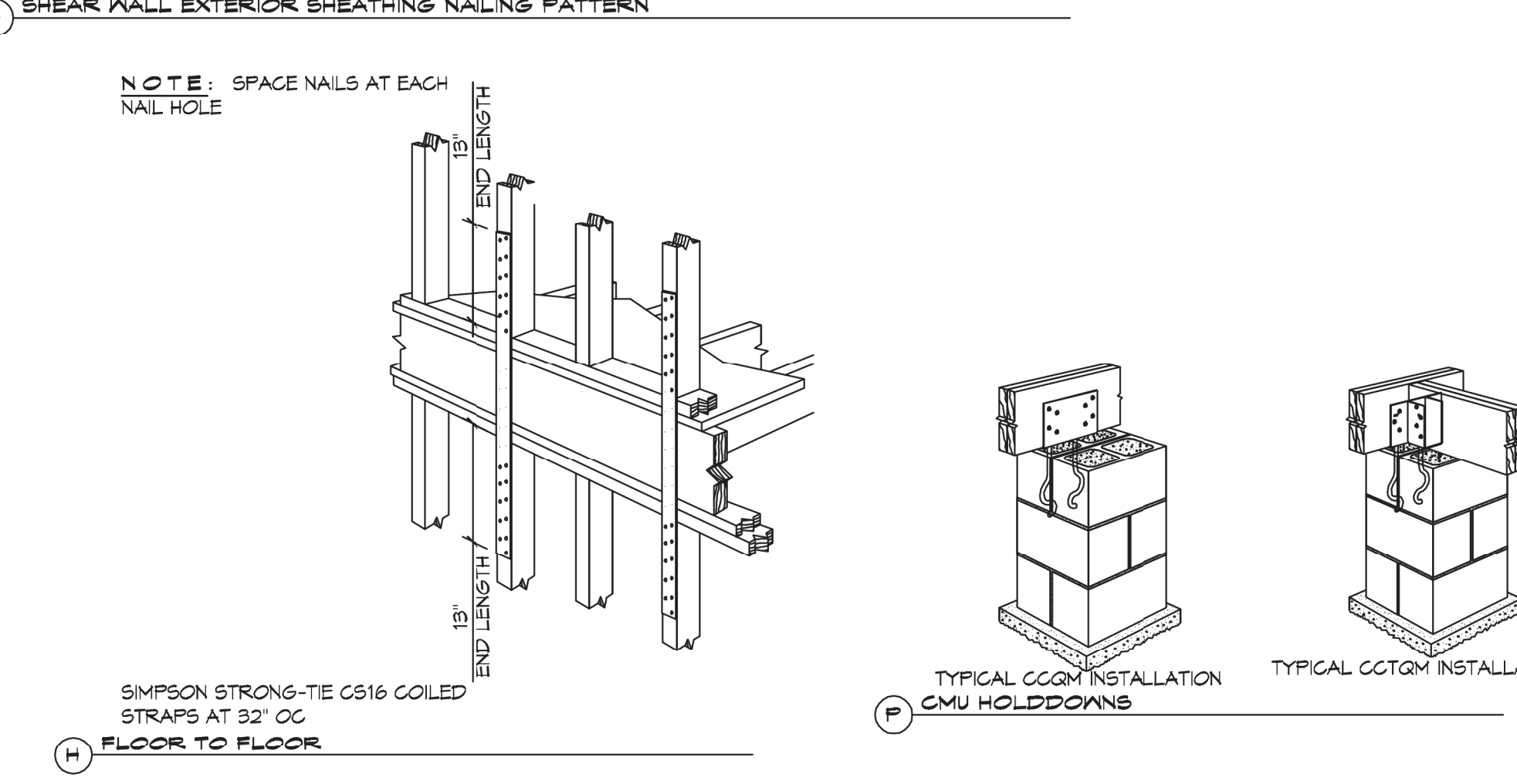


NAIL SPACING
 X = 4" OC
 Y = 4" OC
 Z = 12" OC

X = PLATE EDGE NAIL SPACING
 Y = LONG EDGE NAIL SPACING
 Z = FIELD NAIL SPACING

INTERIOR SHEATHING
 1/2" PLYWOOD EACH FACE STAGGERED 48" OC. W/8d NAILS @ 4" O.C. FASTENING @ PANEL EDGES @ 12" O.C. FASTENING @ INTERMEDIATE MEMBERS.

EXTERIOR SHEATHING
 5/8" DENSGLASS SHEATHING EXTERIOR FACE STAGGERED 48" O.C. FASTENING @ PANEL EDGES @ 10"x1" TEK SCREWS @ 12" O.C. FASTENING @ INTERMEDIATE MEMBERS.



TYPICAL CONNECTION DETAILS
 SCALE: N.T.S.

TABLE S107.5 - JACK STUD REQ - INT LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)											
		12 FEET				24 FEET				36 FEET			
		3'	4.5'	5'	6.5'	3'	4.5'	5'	6.5'	3'	4.5'	5'	6'
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	2	1	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1
	10	1	1	1	1	2	2	1	1	3	2	2	2
	12	1	1	1	1	2	2	2	1	3	2	2	2
TWO FLOORS (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	2	1	1	1	3	2	2	2
	6	2	1	1	1	3	2	2	2	4	3	2	2
	8	2	2	1	1	3	2	2	2	5	3	3	3
	10	2	2	2	1	4	3	3	2	6	4	4	3
	12	3	2	2	2	5	3	3	3	7	5	4	4
ROOF AND CEILING	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1	2	1	1	1
	8	2	2	2	2	2	1	2	2	2	2	2	1
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
	6	2	2	2	1	3	2	2	2	2	2	2	2
	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
	6	2	2	2	1	3	2	2	2	2	2	2	2
	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
	6	2	2	2	1	3	2	2	2	2	2	2	2
	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
	6	2	2	2	1	3	2	2	2	2	2	2	2
	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
	6	2	2	2	1	3	2	2	2	2	2	2	2
	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
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ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
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ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
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	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
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ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
	6	2	2	2	1	3	2	2	2	2	2	2	2
	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
	6	2	2	2	1	3	2	2	2	2	2	2	2
	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
	6	2	2	2	1	3	2	2	2	2	2	2	2
	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
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	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
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ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
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ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
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	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
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	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
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	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
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ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
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	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
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	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
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	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	2	1	2	1	1	1
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	8	3	2	2	2	3	2	3	2	2	2	2	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1		