## GENERAL NOTES

1. UNLESS NOTED OTHERWISE, ALL REFERENCES TO BUILDING CODES INDICATES THE MORE **RESTRICTIVE REQUIREMENT OF LOCAL CODES** OR THE INTERNATIONAL RESIDENTIAL CODE.

2. IT IS THE RESPONSIBILITY OF THE OWNER/ CONTRACTOR TO CHECK THE LOCAL BUILDING CODES AND REPORT MORE RESTRICTIVE LOCAL AND/OR STATE CODES.

3. STAIRS AND PROTECTIVE RAILINGS FOR DECKS AND PORCHES TO BE DESIGNED PER LOCAL CODE AND LOCATED BY THE OWNER.

4. ANY ROOF SHALL BE VENTED PER CODE.

5. SIZES OF CONVENTIONAL TRUSS CORDS, WEBS, AND PLATES TO BE DESIGNED BY TRUSS MANUFACTURER IN ACCORDANCE WITH LOCAL CODES. CONTRACTOR SOLELY RESPONSIBLE TO ADEQUATELY BRACE TRUSSES PER MANUFACTURER'S INSTRUCTIONS.

6. CONVENTIONAL TRUSSES SUPPLIED BY OWNER/ CONTRACTOR

7. ALL WALLS SHOWN NORMAL SIZE

- 8. ADJUST INTERIOR STAIRS AS REQUIRED BY FLOOR TO FLOOR PER LOCAL CODE.
- 9. PLUMBING IN SECOND FLOOR BATH WILL PROTRUDE THROUGH 2X6 T&G. BUILDER **RESPONSIBLE.** (DISREGARD IF USING BUILT-UP FLOOR).

10. ALL STUD FRAMED WALLS TO BE SPF #2 OR BETTER. 16" O.C. UNLESS NOTED OTHERWISE. SEE PLAN FOR SIZE.

11. USE DIMENSIONS BEFORE SCALE.

12. ALL FLOOR SYSTEMS SHOULD BE LAID OUT SO THAT NO JOISTS OR FLOOR TRUSS WILL BE CUT FOR ANY REASON.

13. BUILDER/SUPPLIER TO ENSURE WINDOW/ DOORS MEET OR EXCEED HEIGHT, VENT, AND EGRESS STANDARDS SET BY LOCAL BUILDING CODE REQUIREMENTS.

14. ALL LUMBER FOR STRUCTURAL PURPOSES ARE GRADED TO T.P.I. LOG PROGRAM STANDARDS AND ARE TO BE WL RUSTIC OR BETTER OR LG#2 OR BETTER UNLESS NOTED OTHERWISE

**15. ANY DISCREPANCIES IN THESE DRAWINGS ARE** TO BE REPORTED IMMEDIATELY TO TIMBERKRAFT INC.

#### TIMBERKRAFT INC DOCUMENTS ARE DRAWN TO MEET OR EXCEED THE INTENT OF LOCAL BUILDING CODE. LOCAL AND/OR SITE CONDITIONS MAY REQUIRE SPECIFICATIONS TO BE REVISED TO ACHIEVE CODE COMPLIANCE. IN THE EVENT THAT SPECIFICATION **REVISIONS ARE REQUIRED IT IS THE SOLE REASONABILITY OF THE** OWNER

#### WINDOWS

#	WIDTH	HEIGHT	COLOR	STYLE	NOTES
1	33"	35"	WH	SH	
2	37_1/4"	53"	WH	SH	
3	53"	49"	WН	FIXED	
4	46"	52_1/2"	WH	SH	
5	49_1/2"	46_1/2"	WН	CASEMENT	
6	41"	17"	BRN	AWNING	
7	35_1/2"	25_1/2"	WН	DH	
8	59_1/2"	65_1/2"	BEIGE	DH	
9	71_1/2"	37_1/2"	BEIGE	DH	
10	58"	65"	BEIGE	FIXED	
11	8'0"	60"	DK BRN	CS FIXED	
12	35_1/2"	11_1/2"	WН	SH	
13	3'0"	5'0"		FIXED	3.12 SLOPE
14	3'0"	41_1/2"		FIXED	3.12 SLOPE
15	3'6"	2'0"		FIXED	

#### DOORS

# WIDTH HEIGHT COLOR

Α	37_1/2"	81_1/2"	DK BRN	FRONT	
B	37_1/2"	81_1/2"	DK BRN	FULL VIEW	
C	37_1/2"	81_1/2"	DK BRN	3 LITE WIND	
D	37_1/2"	82"	DK BRN	FULL VIEW	
E	34"	80"	DK BRN	FULL VIEW	
F	74"	81_3/4"	PRIMED	FRENCH	LOFT BEDROOM
G	108"	80"	PRIMED	SLIDER	LIVING ROOM
Η	71_1/2"	80"		FRENCH	MASTER BEDRM
I	71_1/2"	80"		SLIDER	BEDRROM



# **BUILD NOTE**

MAIN FLOOR SQFT = 2091 LOFT SQFT = 587

TOTAL SQFT = 2678

# **INDEX OF SHEETS**

B1=	FRONT ELEVATION
B2=	BACK ELEVATION
B3=	RIGHT ELEVATION
B4=	LEFT ELEVATION
B5=	MAIN FLOOR PLAN
B6=	LOFT FLOOR PLAN
87=	LOFT FRAMING PLAN
B8=	RAFTER FRAMING PLAN
B9=	BEAM PLACEMENT PLAN

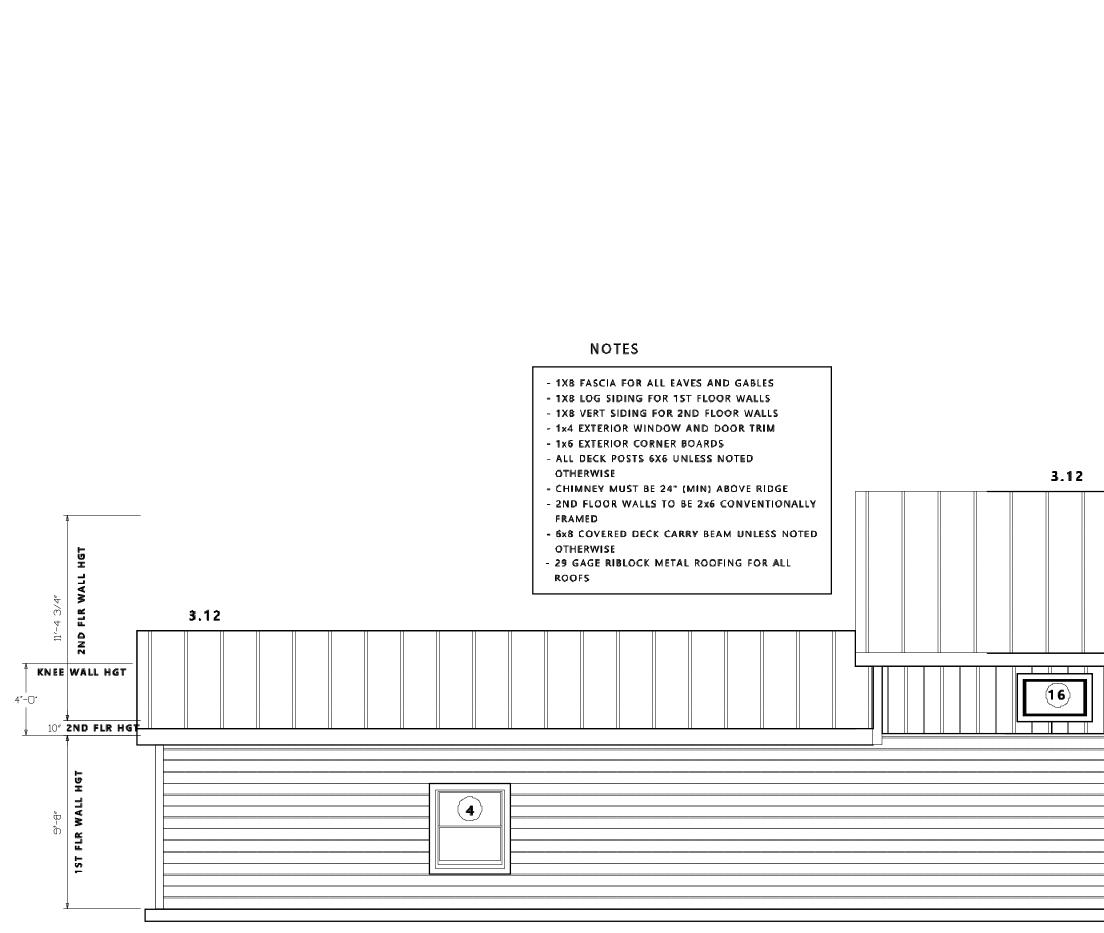
F1= D1= D2= D3= D4=	DETAIL SHEET1 DETAIL SHEET 2 DETAIL SHEET 3 DETAIL SHEET 4
	-
D5=	DETAIL SHEET 5
D6=	DETAIL SHEET 6
D7=	DETAIL SHEET 7

TIMBERKRAFT INC			SNEADS FERRY, NC 28460
NO SCALE	01/28/21	Μ.S.	10/6/22
Scale:	Date:	Drawn By:	Revision Date:
JONATHAN HARRIS			
Pa	ag C	e f	#



### FRONT ELEVATION

NOTES  • YNE FASCIA FOR ALL EAVES AND GABLES • YNE YNE GO STONG FOR ALL EAVES AND GABLES • YNE YNE THOR FOR YND FLOR WALLS • YNE YNE THOR FOR YND FLOR WALLS • YNE YNE THOR FOR YND FLOR WALLS • YND YND YND YND DO RTNM • THE EXTERIOR CONNER BOARDO • THE EXTERIOR YND AEDVE HDAE • THE EXTERIOR SEGU YND FLOR WALLS • THE YNE YND AEDVE HDAE • THE DYNN HWYT BE 24' (MIN) AEDVE HDAE • THO FOR WALLS YD 36 240 CONVENTIONALLY FRAMDO • OB COVERED DECK CARR FEAN UNLESS NOTED OTHERWISE • 39 BAGE RINLOCK METAL RODEING FOR ALL BOOTS • 3.12	3/16" = 1'       TIMBERKRAFT INC         01/28/21       P.O. BOX 383         M.S.       P.O. BOX 383         10/6/22       SNEADS FERRY, NC 28460
	JONATHAN HARRIS       Scale:       3/         JONATHAN HARRIS       Scale:       01         # abee       Date:       01         Revision Date:       10
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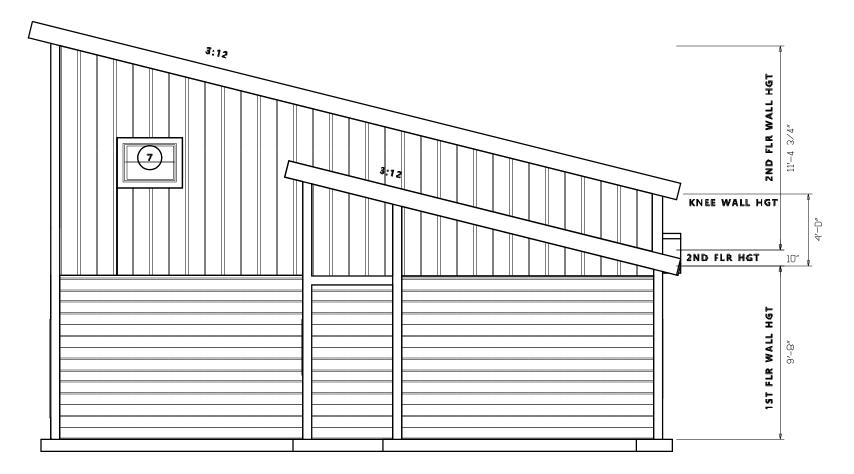


### **BACK ELEVATION**

16     16     16     16     16     16     16     17     12     12     13     <	<ul> <li>TIMBERKRAFT INC</li> <li>P.O. BOX 383</li> <li>SNEADS FERRY, NC 28460</li> </ul>
	3/16" 3/16" 01/28 M.S. Date: 10/6/3
	Page #

#### NOTES

- 1X8 FASCIA FOR ALL EAVES AND GABLES
- 1XB LOG SIDING FOR 1ST FLOOR WALLS
- 1X8 VERT SIDING FOR 2ND FLOOR WALLS
- 1x4 EXTERIOR WINDOW AND DOOR TRIM
- 1x6 EXTERIOR CORNER BOARDS
- ALL DECK POSTS 6X6 UNLESS NOTED
- ÓTHERWISE
- CHIMNEY MUST BE 24" (MIN) ABOVE RIDGE - 2ND FLOOR WALLS TO BE 2x6 CONVENTIONALLY
- FRAMED - 6x8 Covered Deck Carry Beam Unless Noted
- OTHERWISE
   29 GAGE RIBLOCK METAL ROOFING FOR ALL
- ROOFS

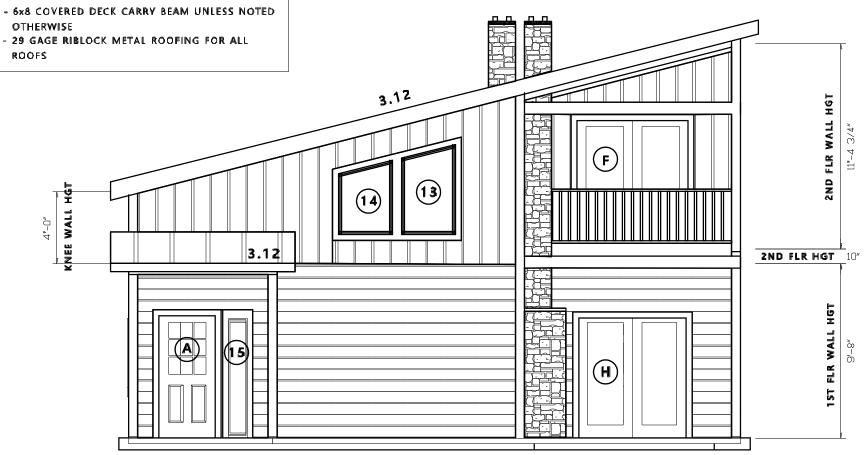


### **RIGHT ELEVATION**

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3/16" = 1'	01/28/21	M.S.	10/6/22
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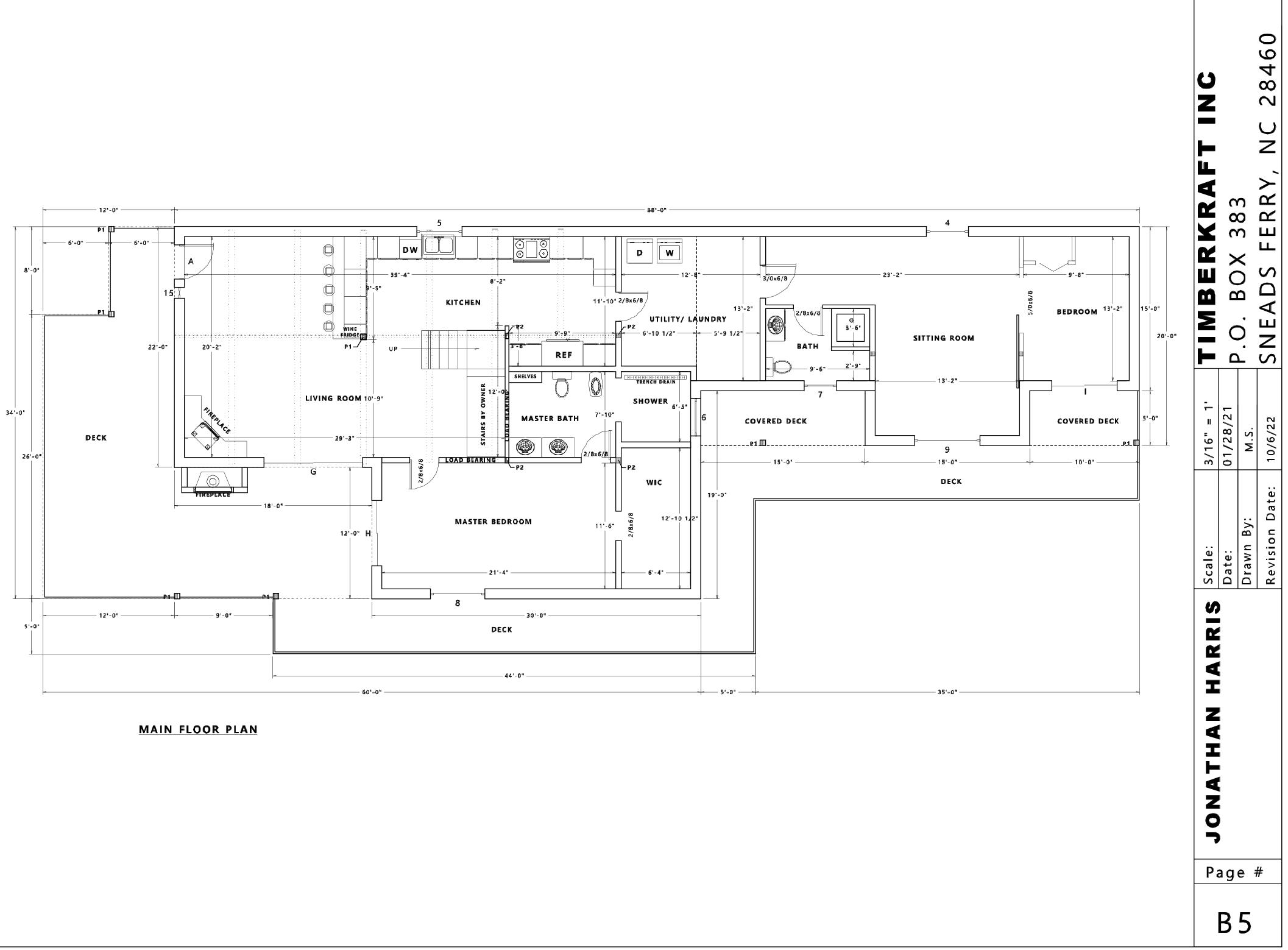
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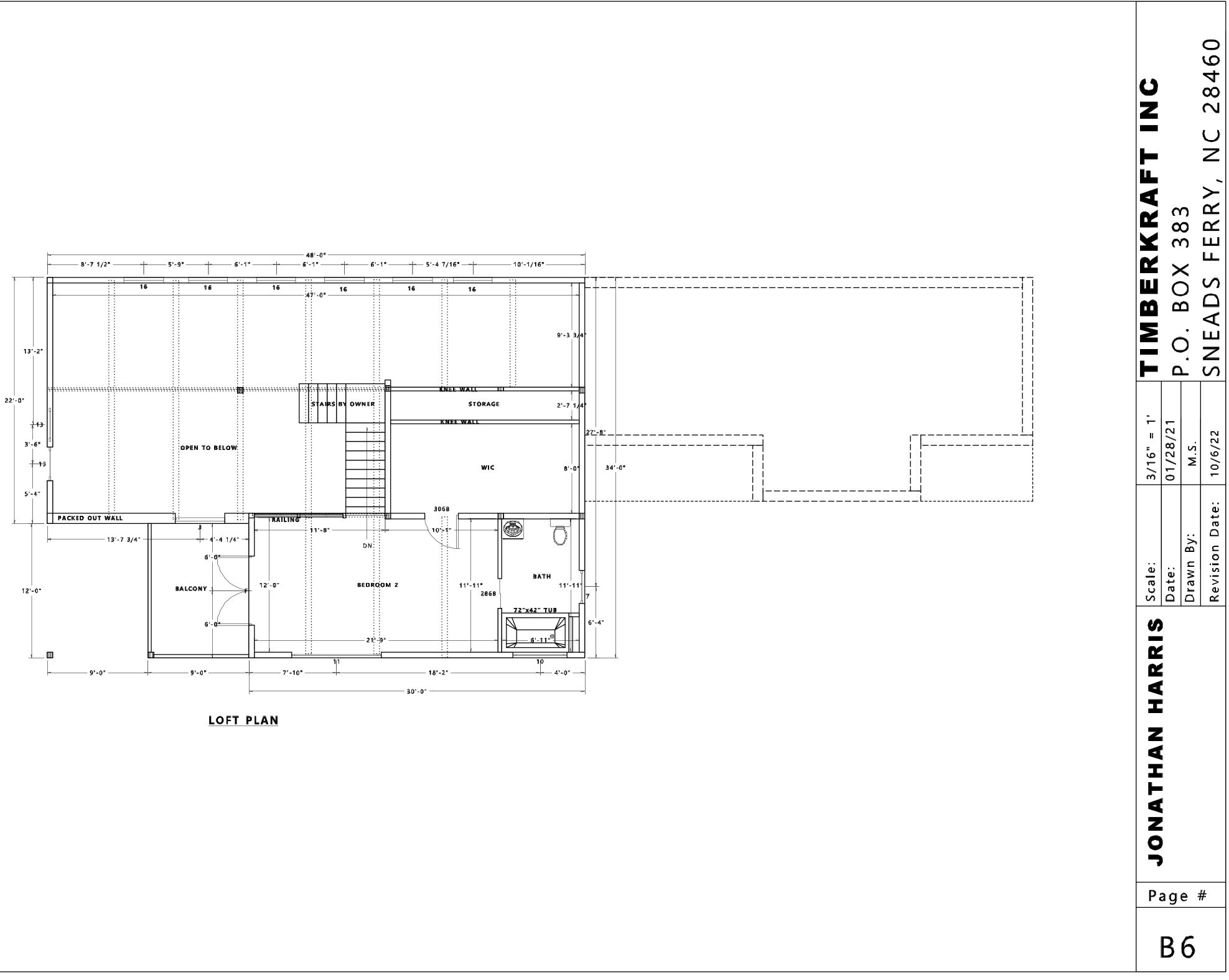
- 1X8 FASCIA FOR ALL EAVES AND GABLES
- 1X8 LOG SIDING FOR 1ST FLOOR WALLS
- 1X8 VERT SIDING FOR 2ND FLOOR WALLS - 1x4 EXTERIOR WINDOW AND DOOR TRIM
- 1x6 EXTERIOR CORNER BOARDS
- ALL DECK POSTS 6X6 UNLESS NOTED
- OTHERWISE
- CHIMNEY MUST BE 24" (MIN) ABOVE RIDGE - 2ND FLOOR WALLS TO BE 2x6 CONVENTIONALLY
- FRAMED
- 29 GAGE RIBLOCK METAL ROOFING FOR ALL
- RÓÓFS

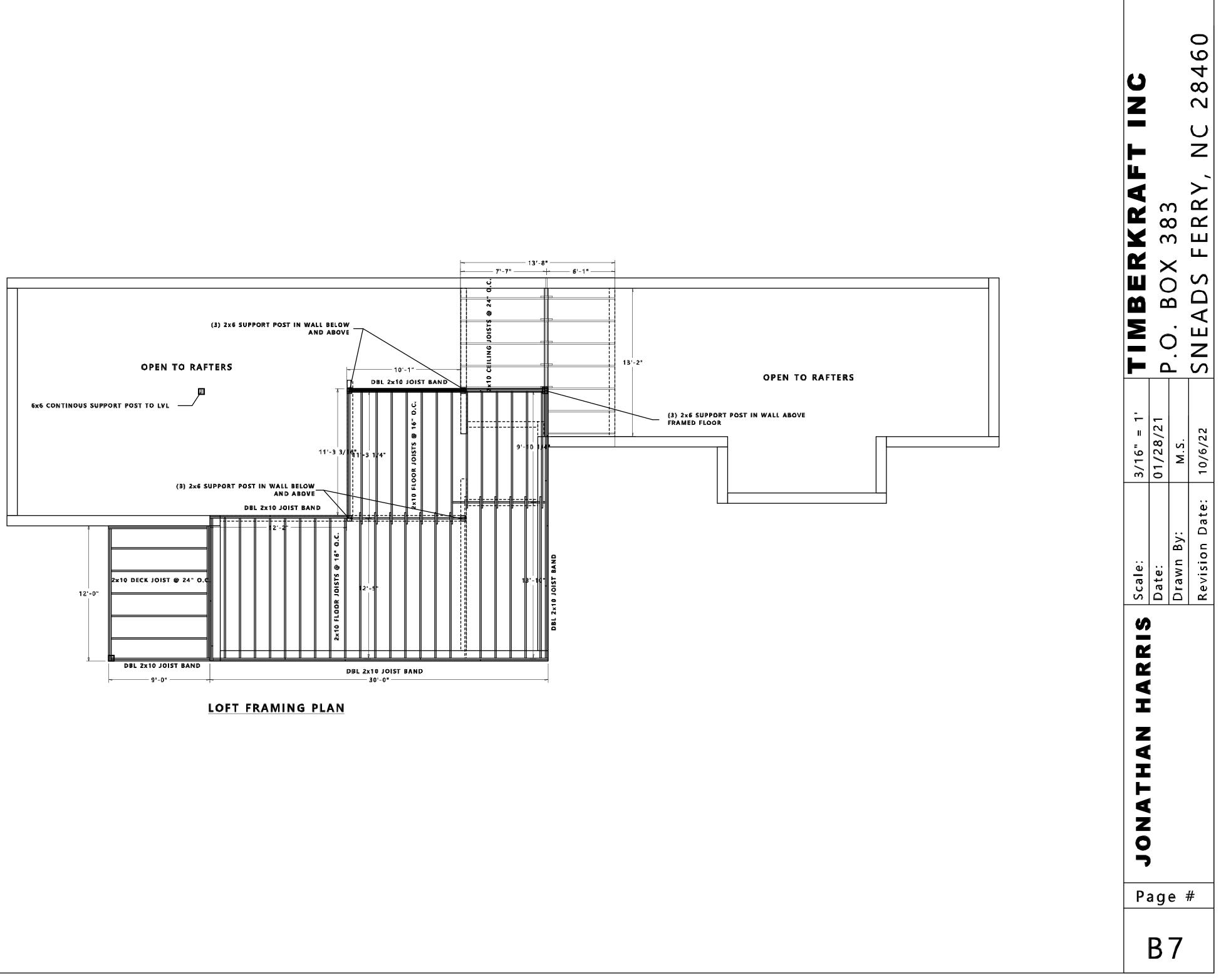


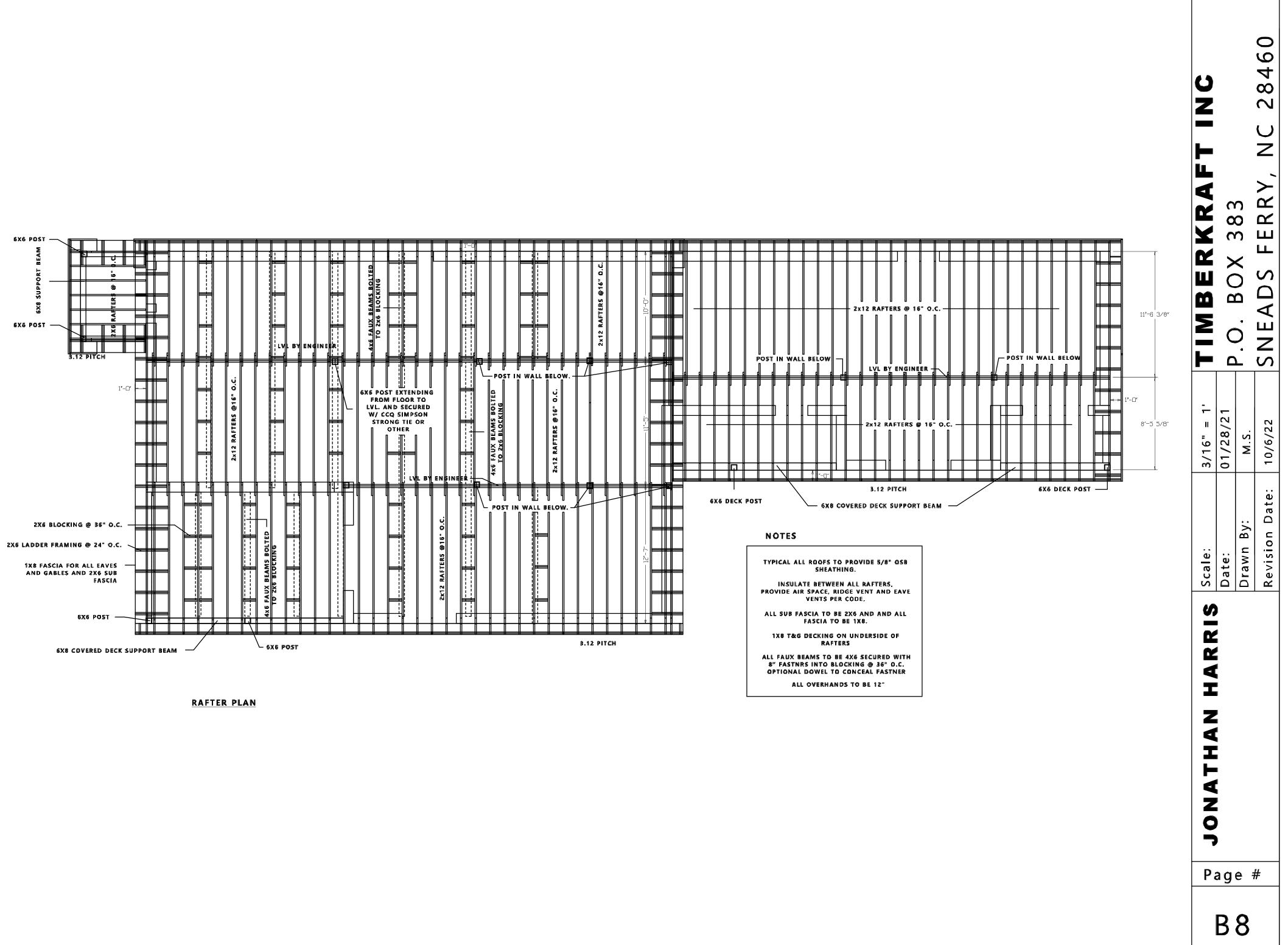
LEFT ELEVATION

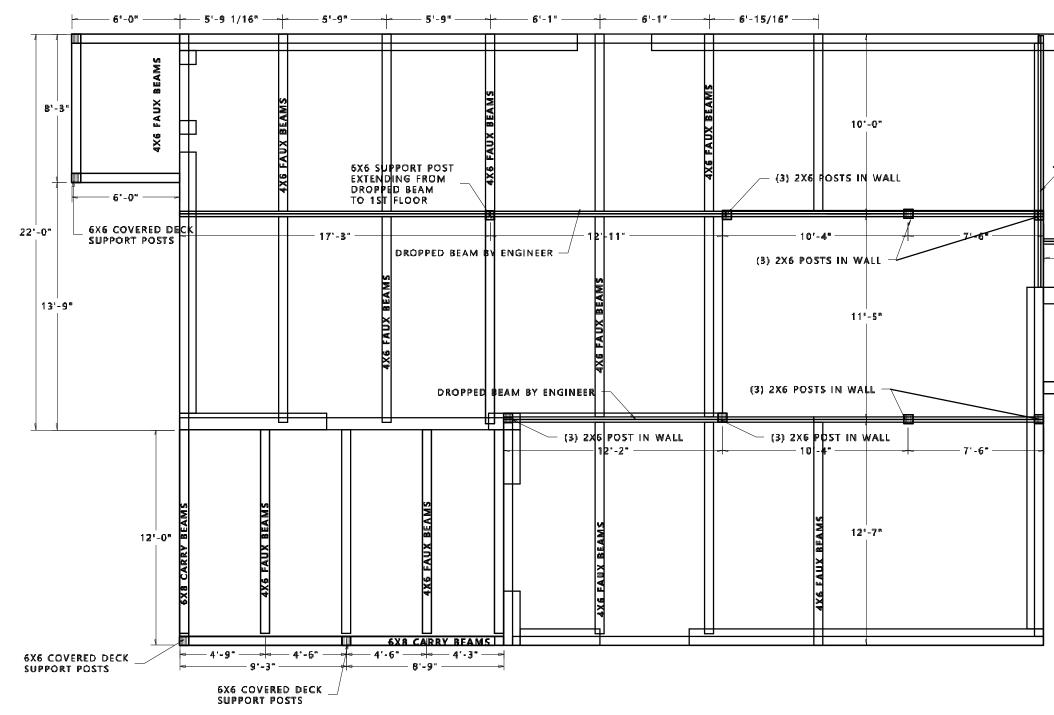
TIMBERKRAFT INC P.O. BOX 383 SNEADS FERRY, NC 28460	
3/16" = 1' 3/16" = 1' 01/28/21 M.S.	
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JONATHAN HARIS	
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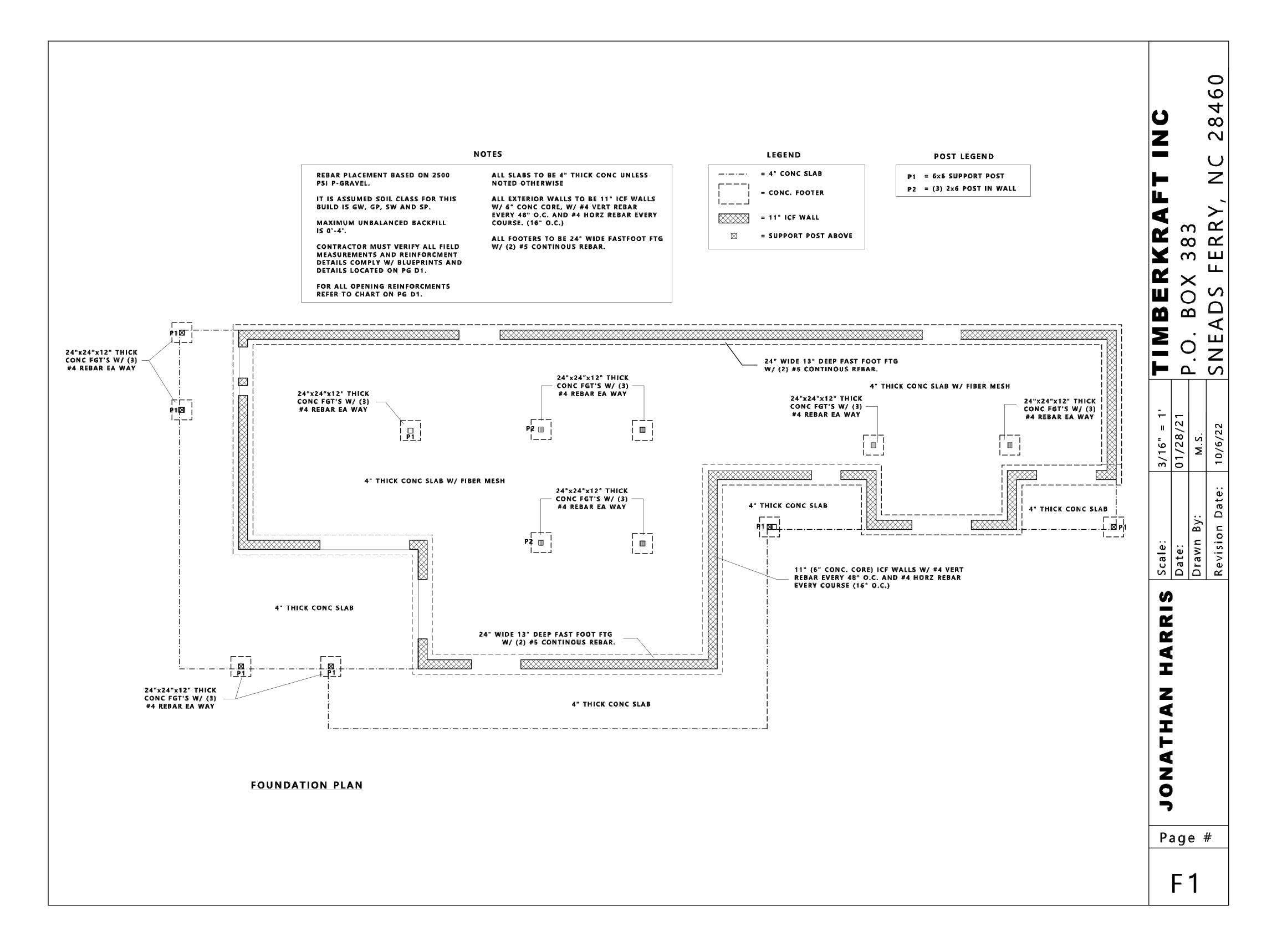


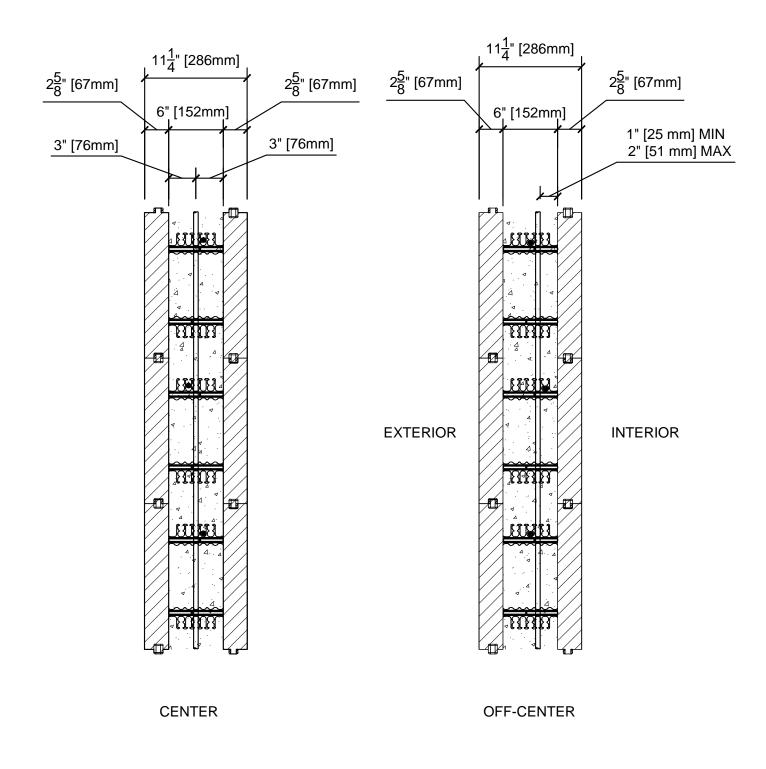






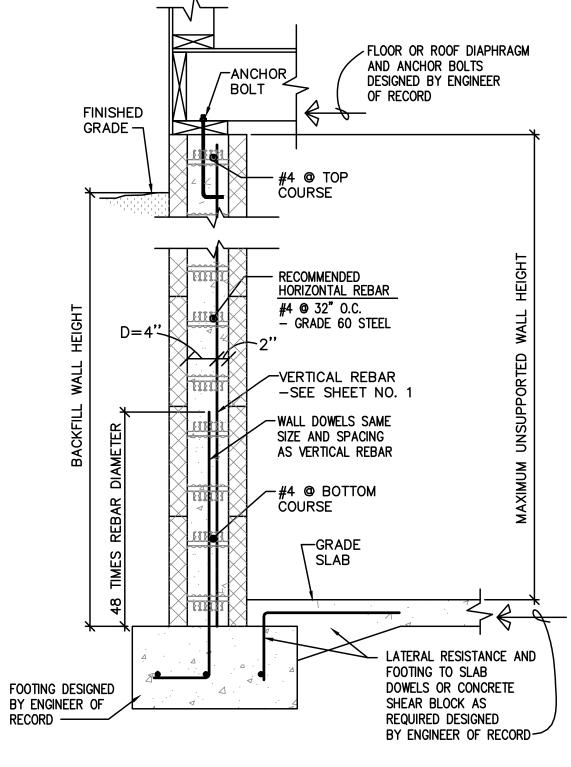
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6X8 CARRY BEAMS 6X6 COVERED DECK SUPPORT POSTS 6X6 COVERED DECK SUPPORT POSTS	Scale: 3, Date: 3, Drawn By: 0 Revision Date: 1
	JONATHAN HARRIS
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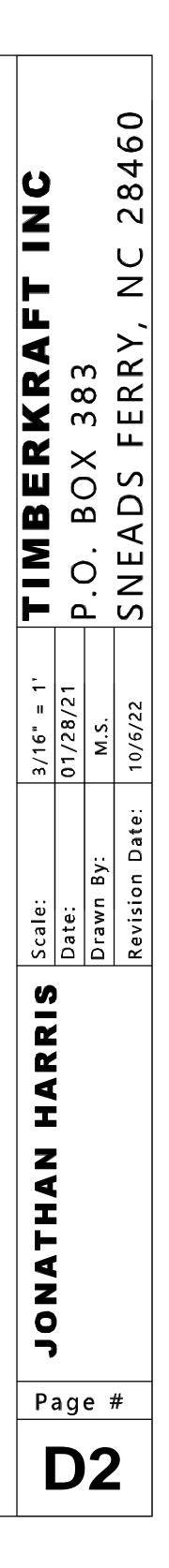


#### NOTE:

SEE PRODUCT DETAILS FOR REBAR PLACEMENT DIMENSIONS. CLEAR COVER DIMENSION WILL DEPEND ON SIZE OF HORIZONTAL AND VERTICAL REBAR.



6" ICF WALL



### 6 INCH THICK FLAT ICF FOUNDATION WALLS<sup>a, b, c, d, i</sup>

		MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING <sup>e, h</sup>							
MAXIMUM UNSUPPORTED WALL HEIGHT	MAXIMUM UNBALANCED BACKFILL	Soil classes <sup>g</sup> and design lateral soil load (psf per foot of depth)							
(FEET)	HEIGHT <sup>f</sup> (FEET)	GW, GP, SW and SP 30	GM, GC, SM, SM-SC and ML 45	SC, ML-CL and Inorganic CL 60					
	0 to 4	#4 @ 48"	#4 @ 48"	#4 @ 32", #5 @ 48"					
	5 and 6	#4 @ 32", #5 @ 48"	#4 @ 24", #5 @ 40"	#5 @ 32", #6 @ 40"					
8' – 0"	7	#4 @ 24", #5 @ 40"	#5 @ 32", #6 @ 40"	#5 @ 24", #6 @ 32"					
	8	#5 @ 32", #6 @ 40"	#5 @ 24", #6 @ 32"	#5 @ 16", #6 @ 24"					
9' – 4"	0 to 4	#4 @ 48"	#4 @ 40", #5 @ 48"	#4 @ 32", #5 @ 48"					
	5 and 6	#4 @ 32", #5 @ 48"	#5 @ 32", #6 @ 40"	#5 @ 24", #6 @ 32"					
	7 and 8	#5 @ 32", #6 @ 40"	#5 @ 16", #6 @ 24"	#5 @ 8", #6 @ 16"					
	9-4"	#5 @ 24", #6 @ 32"	#5 @ 8", #6 @ 16"	#5 @ 8"					
	0 to 4	#4 @ 48"	#4 @ 40", #5 @ 48"	#4 @ 32", #5 @ 48"					
	5 and 6	#4 @ 32", #5 @ 48"	#5 @ 32", #6 @ 40"	#5 @ 24", #6 @ 32"					
10' – 0"	7 and 8	#5 @ 24", #6 @ 32"	#5 @ 16", #6 @ 24"	#5 @ 8", #6 @1 6"					
	9 and 10	#5 @16", #6 @ 24"	#5 @ 8", #6 @ 16"	#5 @ 8"					
	0 to 4	#4 @ 40"	#4 @ 32	#4 @ 32", #5 @ 48"					
	5 and 6	#4 @ 24", #5 @ 32"	#4 @ 24", #5 @ 32"	#5 @ 24", #6 @ 32"					
	7 and 8	#5 @ 24", #6 @ 32"	#5 @16", #6 @ 24"	#5 @ 8", #6 @ 16"					
11	9 and 10	#5 @ 16", #6 @ 24"	#5 @ 8", #6 @ 16"	#6 @ 8"					
	11	#5 @ 8", #6 @ 16"	#6 @ 8"	D. R.					
	0 to 4	#4 @ 32", #5 @ 48"	#4 @ 32", #5 @ 48"	#4 @ 24", #5 @ 40"					
	5 and 6	#4 @ 24", #5 @ 40"	#5 @ 24", #6 @ 32"	#5 @ 24", #6 @ 32"					
	7 and 8	#5 @ 24", #6 @ 32"	#5 @ 16", #6 @ 24"	#5 @ 8", #6 @ 16"					
12	9 and 10	#5 @ 16", #6 @ 24"	#5 @ 8"	#6 @ 8"					
	11 and 12	#5 @ 8"	#6 @ 8"	D. R.					

D.R. = Design required by Engineer of Record

a. This table is based on concrete with a minimum specified concrete strength of 2500 psi, reinforcing steel with a minimum yield strength of 60,000 psi.

b. Minimum effective depth, D (outer face of concrete to bar centerline) = 4". See wall section on Sheet No. 2.

c. This table is designed with the top of wall braced by the adequate diaphragm of floor or roof structure, and the base of the wall braced by the floor slab or adequate grade beams.

d. Deflection criteria: L/240, No soil surcharge. Wind load = 30 psf above grade. Maximum vertical bearing load less than 3.5 kips per foot at top of wall.

e. Interpolation between rebar sizes and spacing is not permitted.

f. Unbalanced back fill height is the difference in height of the exterior and interior finished ground. Where walls retain 4 feet or more of

unbalanced backfill, they shall be laterally supported a the top and bottom before backfilling. g. Soil classes are in accordance with the Unified Soil Classifications System. Refer to 2015 IRC Table R405.1. The use of this table shall be prohibited for soil classifications not shown.

h. Rebar lap splice length shall be 60 times the bar diameter, and horizontal reinforcing – See Sheet No. 2.

i. This table is not intended to prohibit the use of engineering design by Engineer of Record.

Desig Lintel Concr Steel Shear Comp

Legend: 1-#4 = Reinforcing required for top and bottom of lintel #3 = Shear Reinforcing required at spacing given above

# Lintel Tables per ACI 318



TECHNICAL BULLETIN . ENGINEERING DESIGN

### **16" LINTEL HEIGHT**

gn Parameters:	
l Height:	16 in
crete Strength at 28 days:	3000 psi
l Strength:	60 ksi
ar Reinforcement Spacing:	6 in
patible Stirrup Types:	A, B, C

LOAD PER FOOT OF LINTEL	LINTEL OPENING WIDTH (FT)											
(PLF)	3	4	5	6	7	8	10	12	14	16	18	20
150	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#5 None	1-#5 None	1-#5 #3	2-#4 #3
250	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#5 None	1-#5 #3	1-#5 #3	2-#4 #3	
350	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#5 #3	1-#5 #3	1-#5 #3	1-#6 #3		
500	1-#4 None	1-#4 None	1-#4 None	1-#4 None	1-#4 #3	1-#4 #3	1-#5 #3	1-#5 #3	1-#6 #3	2-#5 #3		
750	1-#4 None	1-#4 None	1-#4 #3	1-#4 #3	1-#4 #3	1-#5 #3	1-#5 #3	2-#5 #3	2-#6 #3			
1000	1-#4 None	1-#4 #3	1-#4 #3	1-#4 #3	1-#5 #3	1-#5 #3	1-#6 #3	2-#5 #3				
1500	1-#4 #3	1-#4 #3	1-#4 #3	1-#5 #3	1-#5 #3	2-#4 #3	2-#5 #3					
2000	1-#4 #3	1-#4 #3	1-#5 #3	1-#5 #3	2-#4 #3	2-#5 #3	2-#6 #3					
2500	1-#4 #3	1-#4 #3	1-#5 #3	2-#4 #3	2-#5 #3	2-#6 #3						
3000	1-#4 #3	1-#5 #3	1-#5 #3	1-#6 #3								

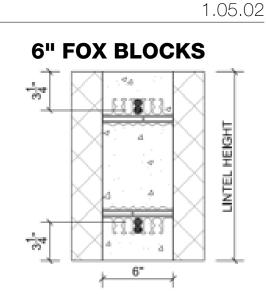
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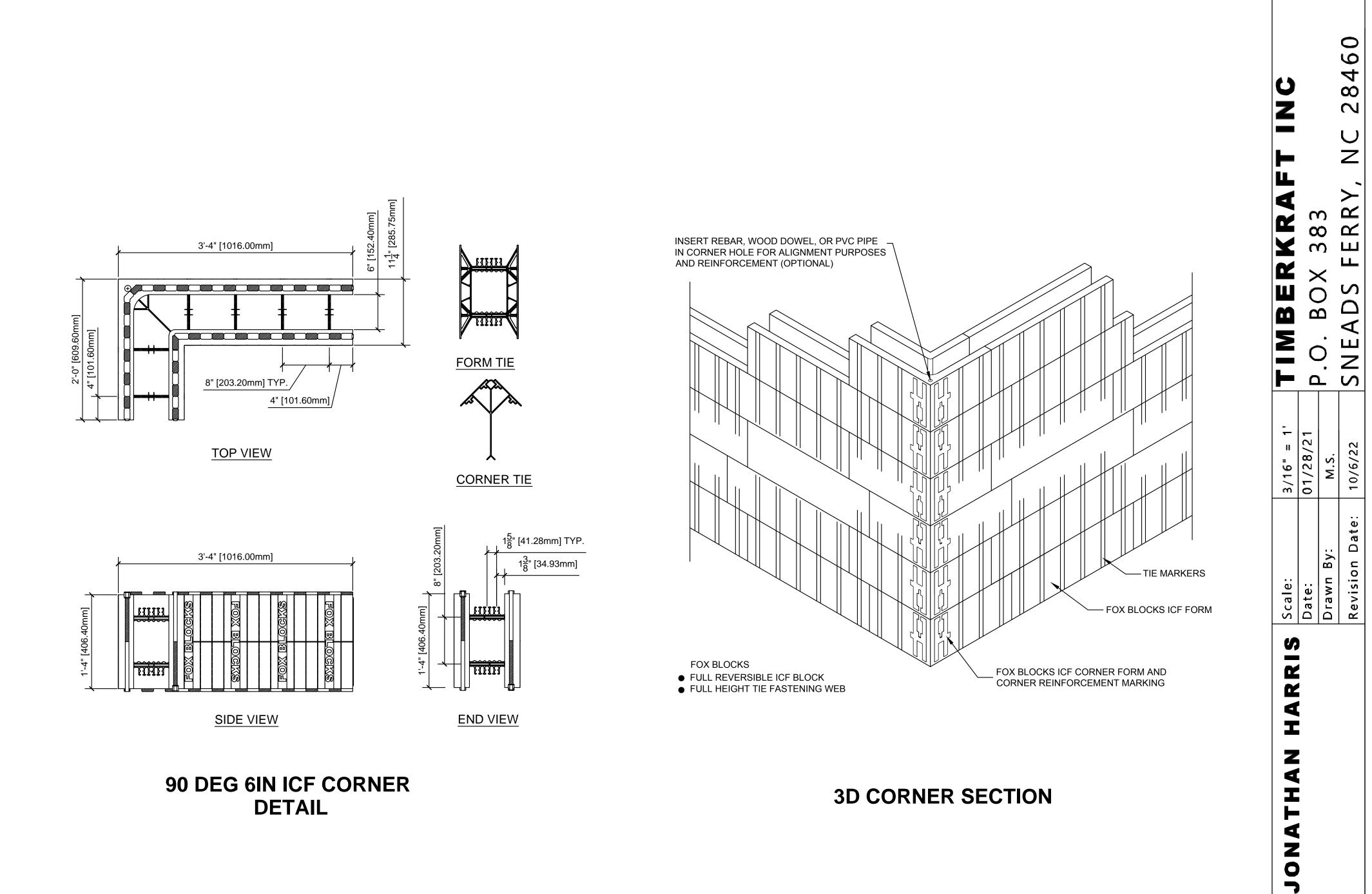
1. Consult with the local building code for minimum required service loads.

2. Loads are applied service loads and are found elsewhere in this manual or from applicable building codes. No load factor should be applied before entering the tables. Consult an engineer beyond these parameters. 3. A minimum of 2 - #5 bars shall be provided on each side of every opening to meet ACI 318-14, 11.7.5.1. 4. See details in introduction to lintel reinforcement for reinforcement placement.

5. See accompanying Lintel Reinforcement Table Notes.

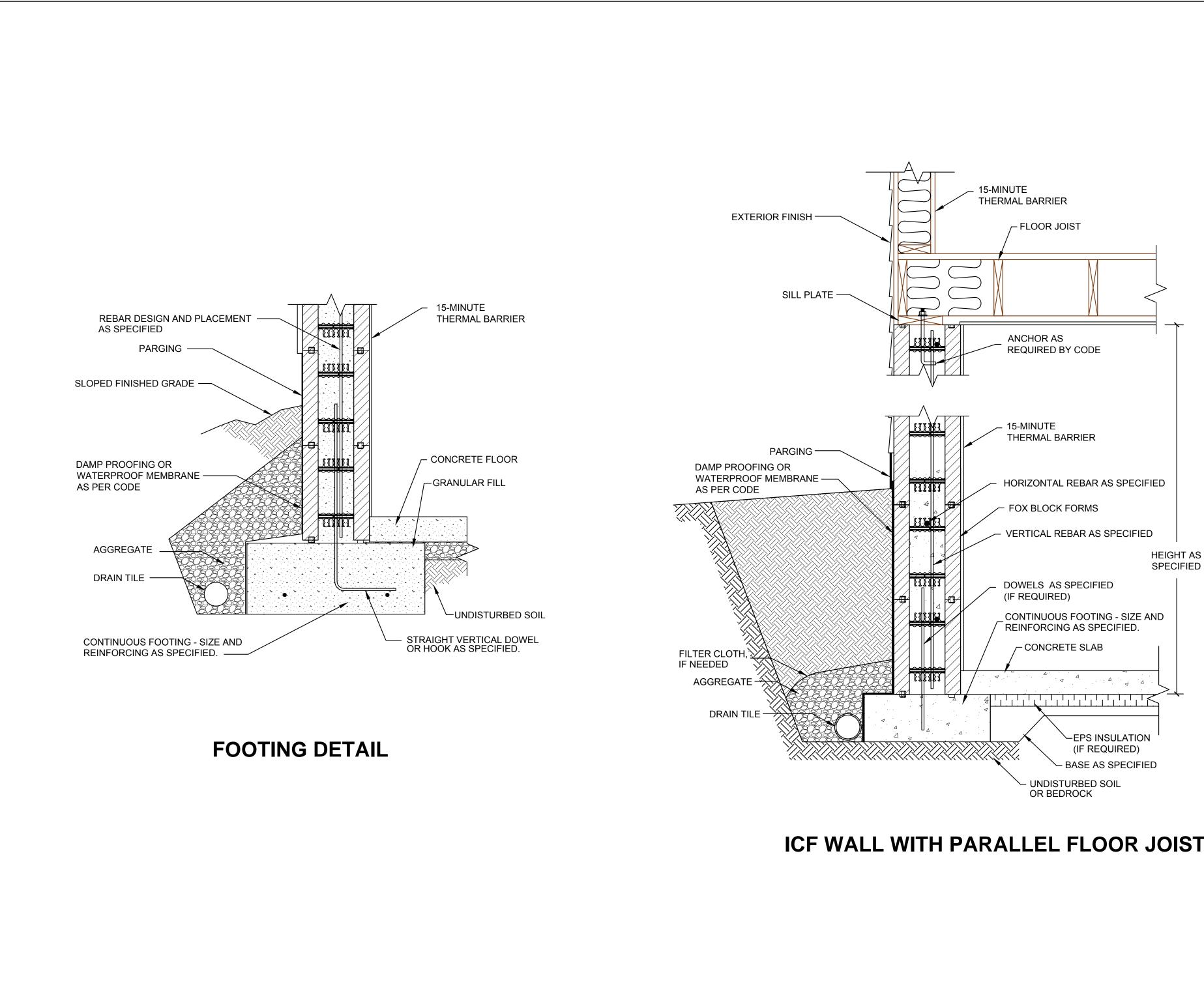
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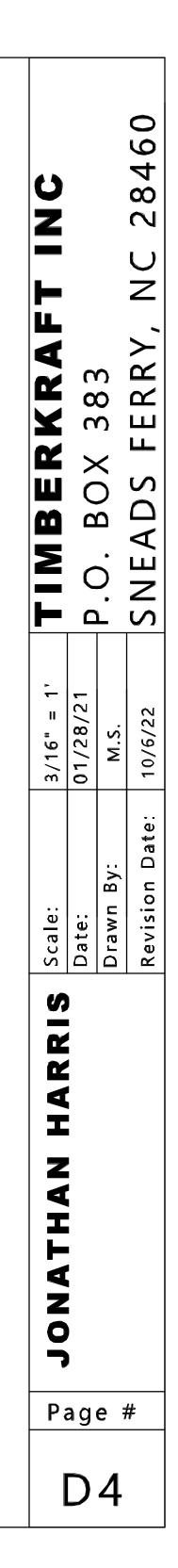


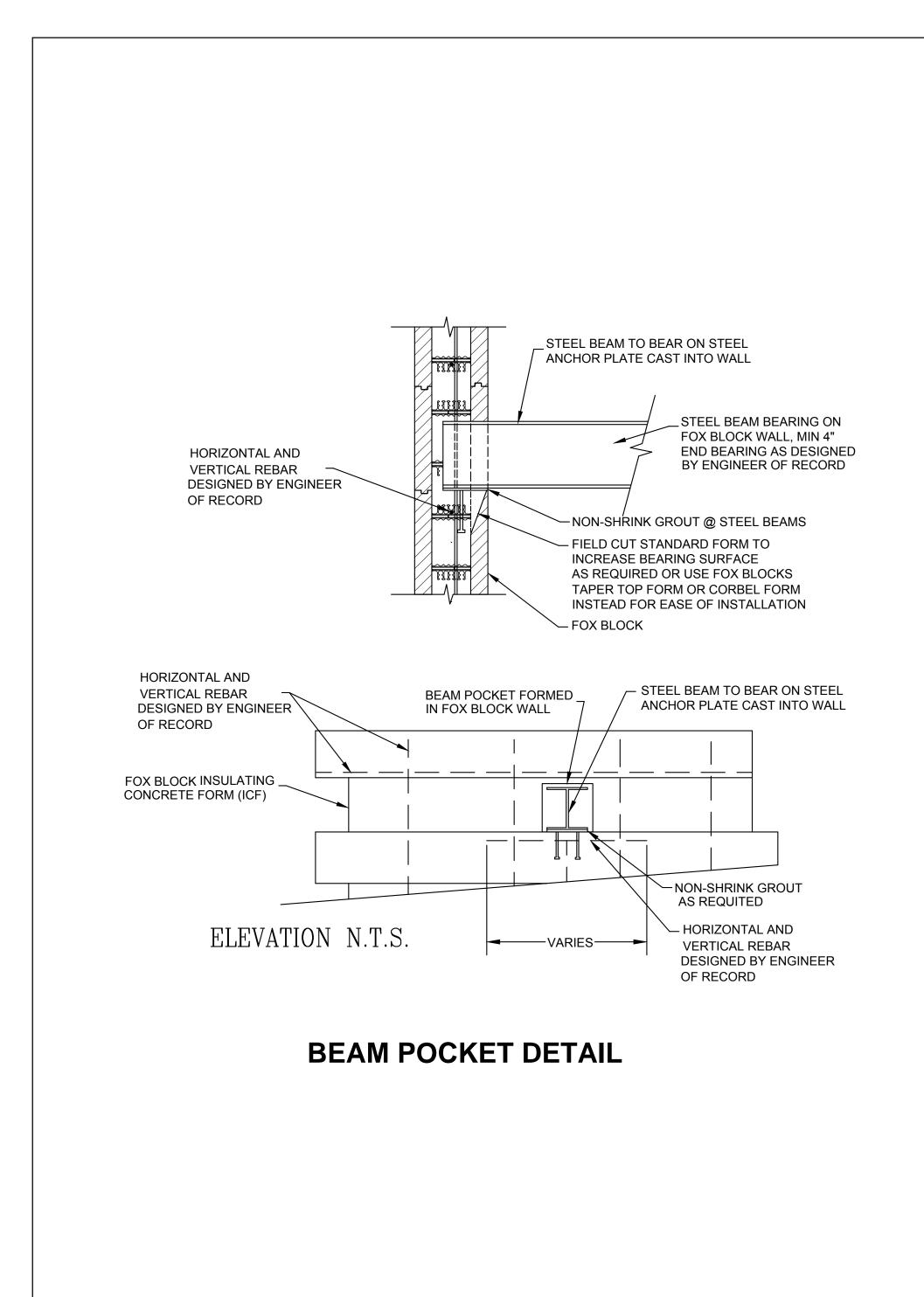
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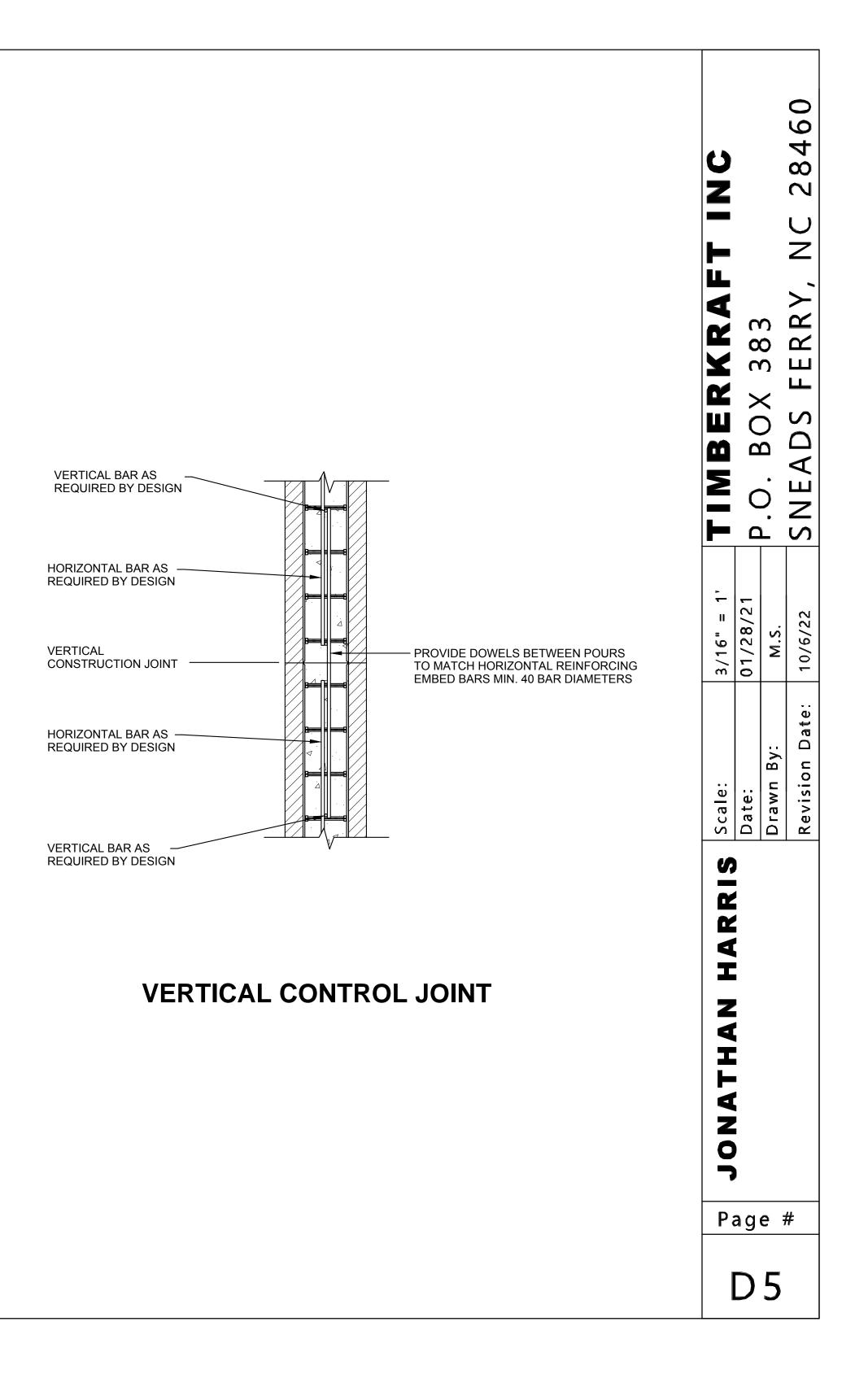
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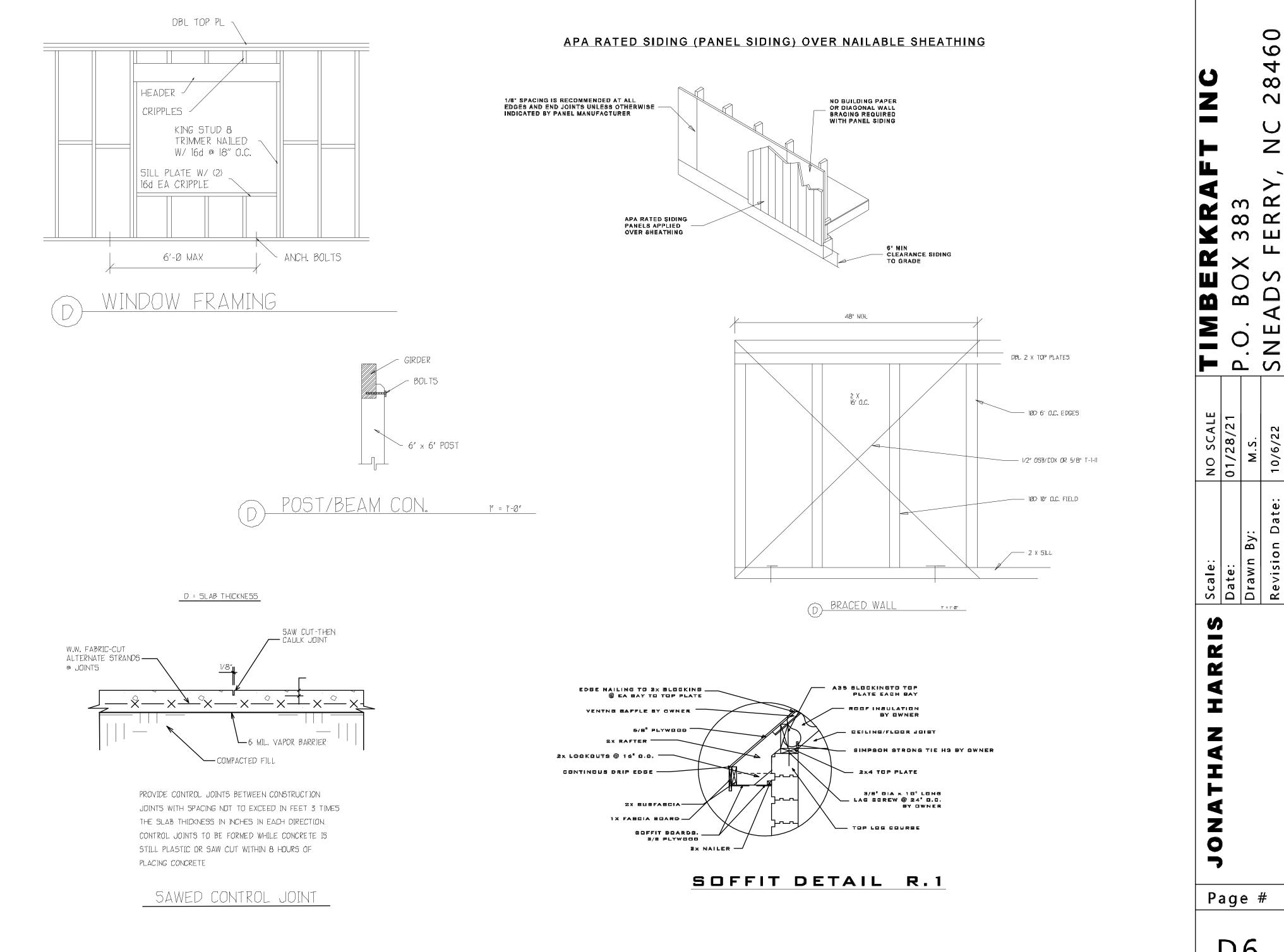


# **ICF WALL WITH PARALLEL FLOOR JOISTS**









D6

