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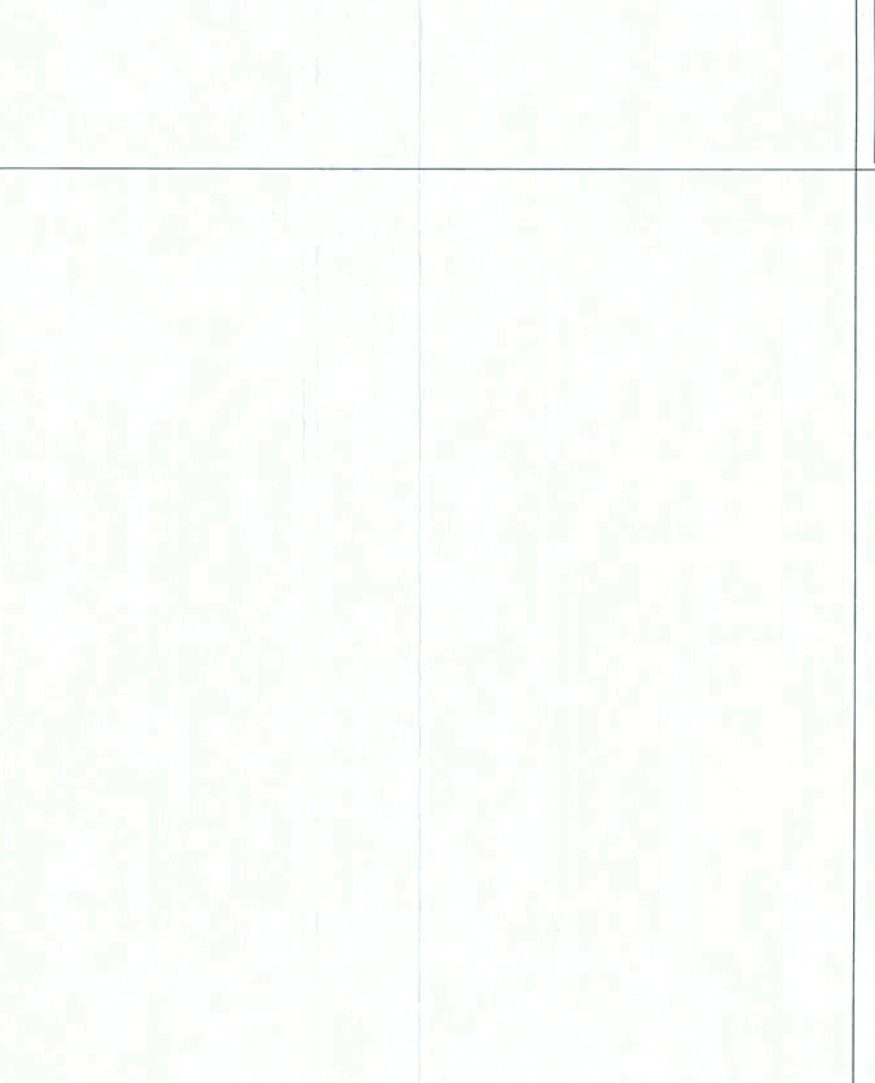
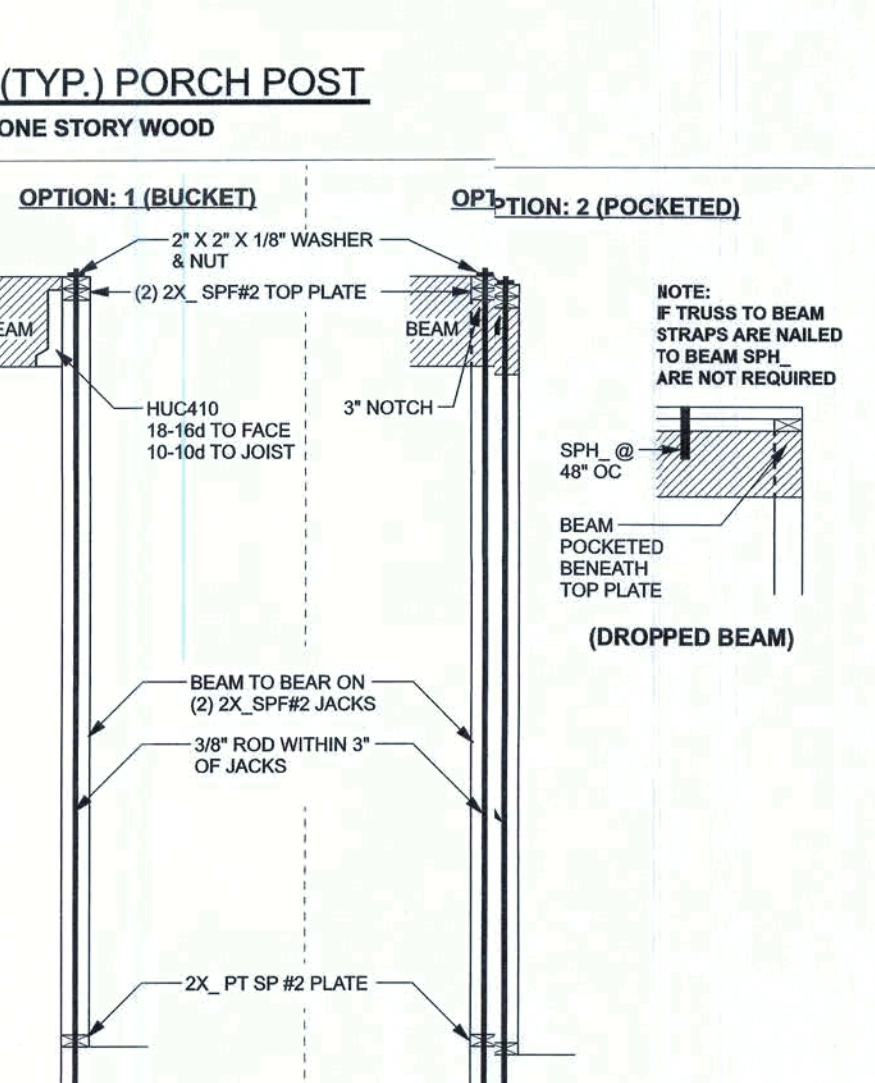
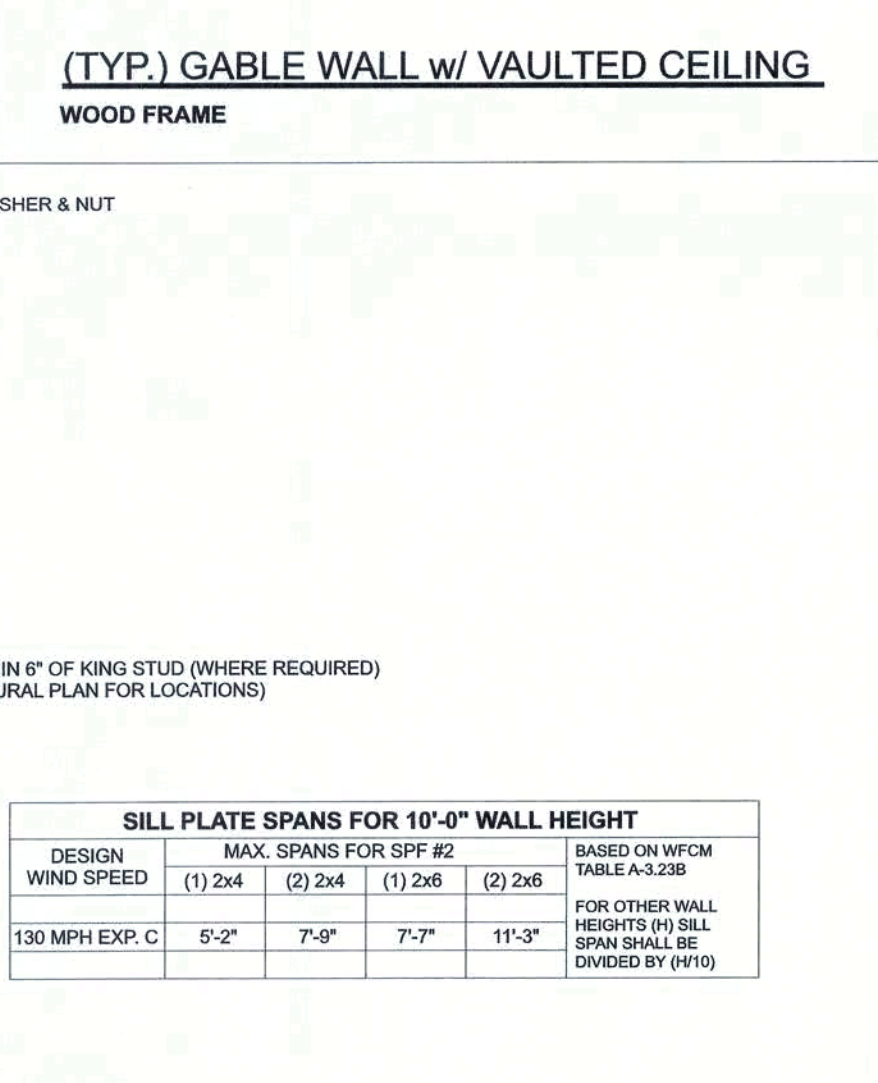
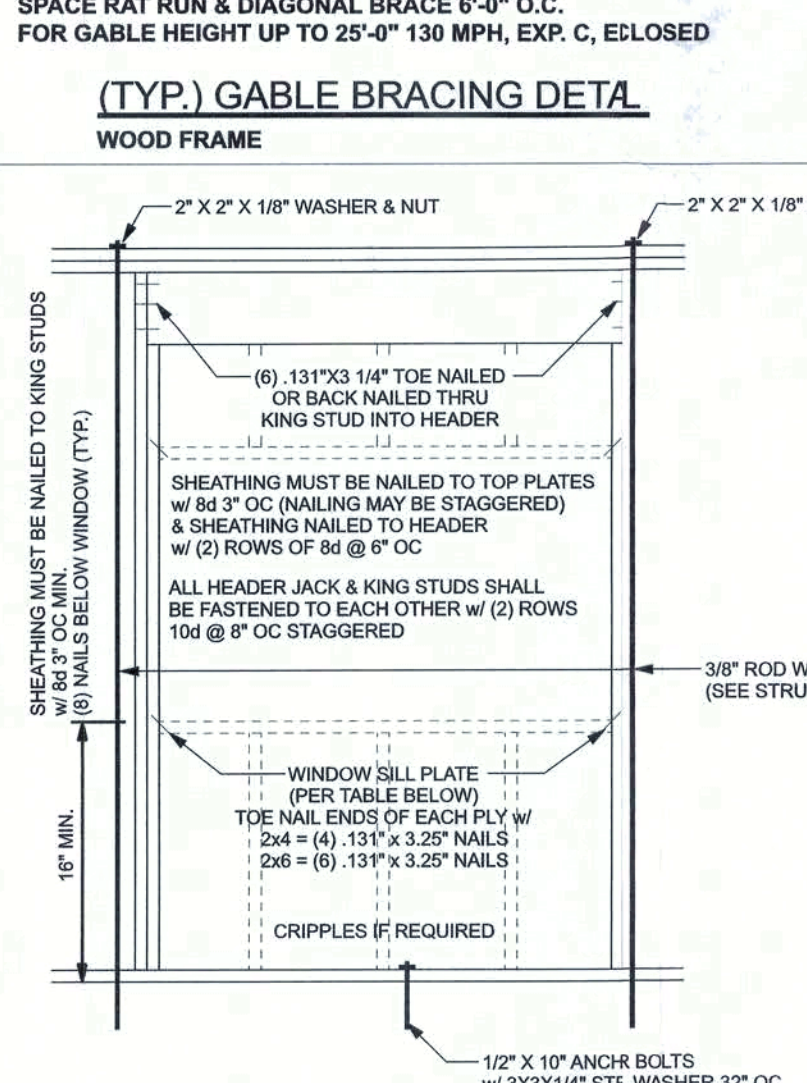
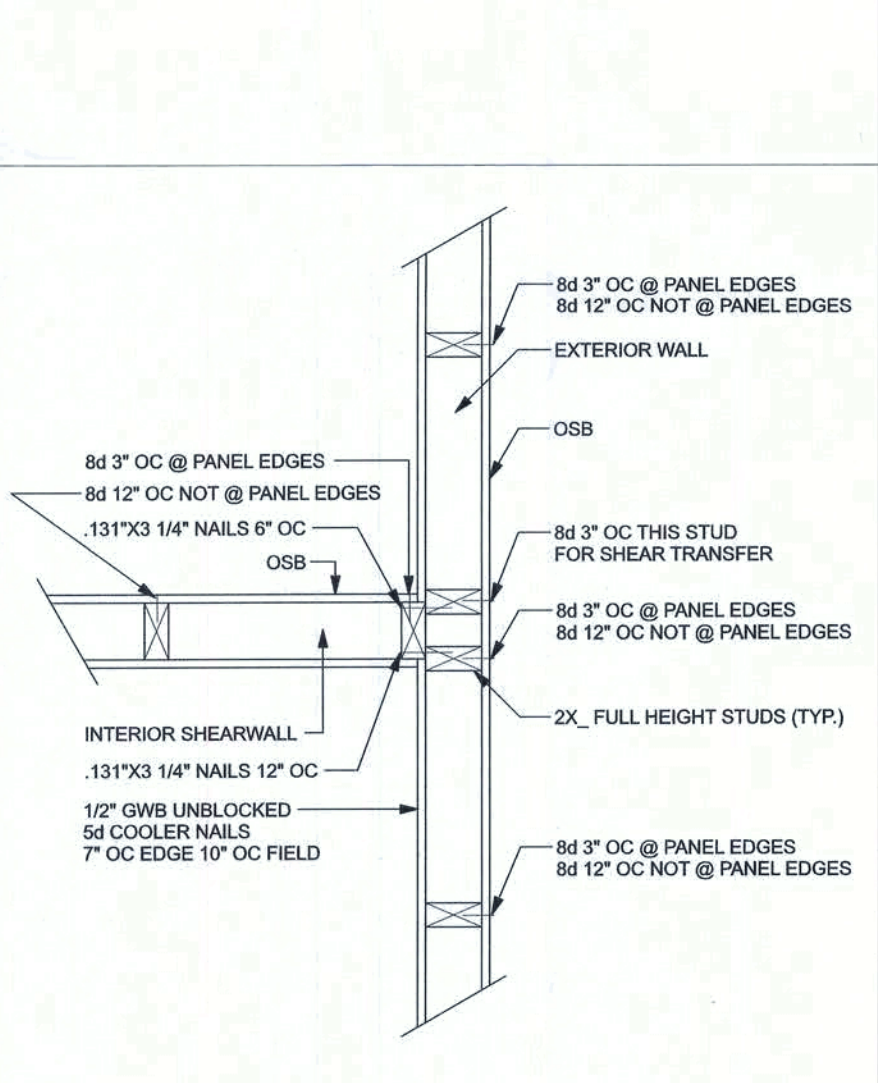
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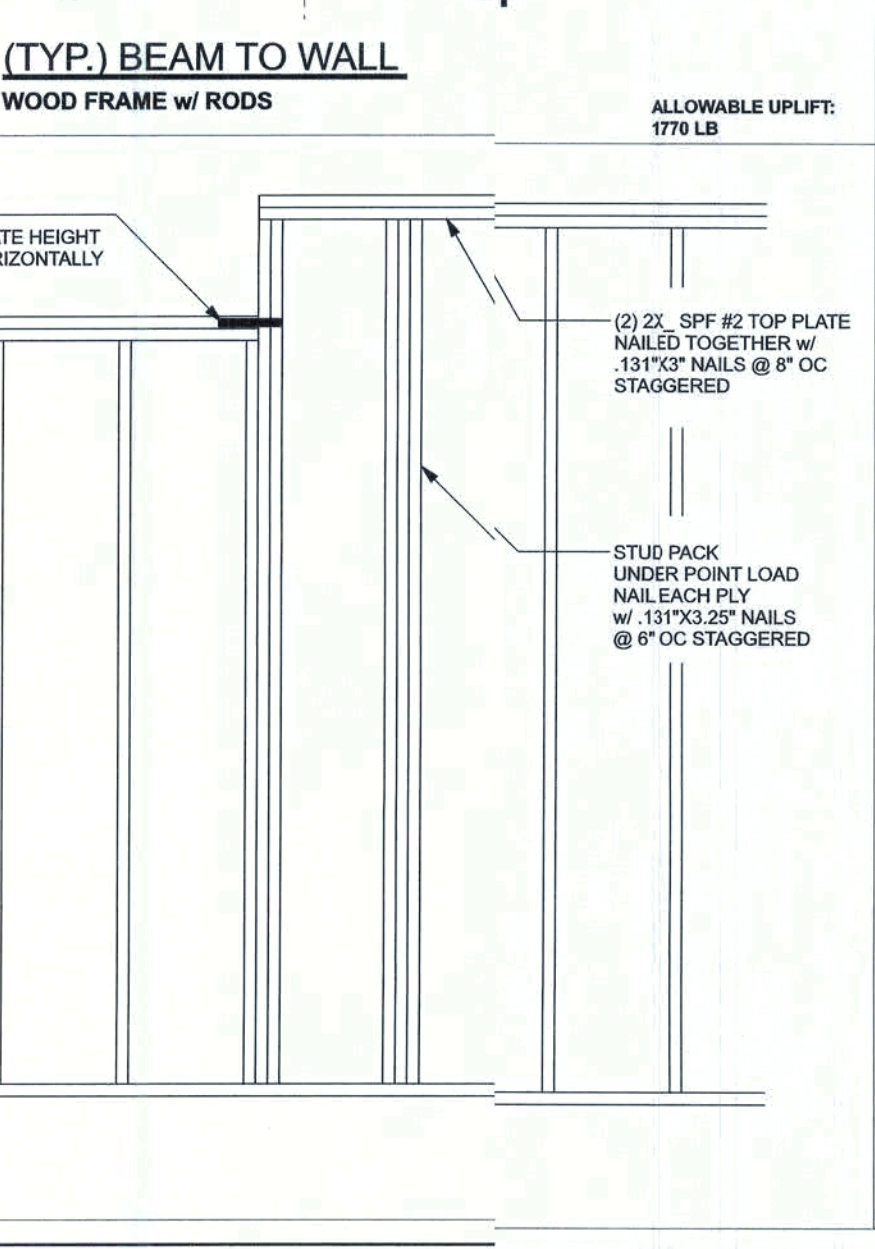
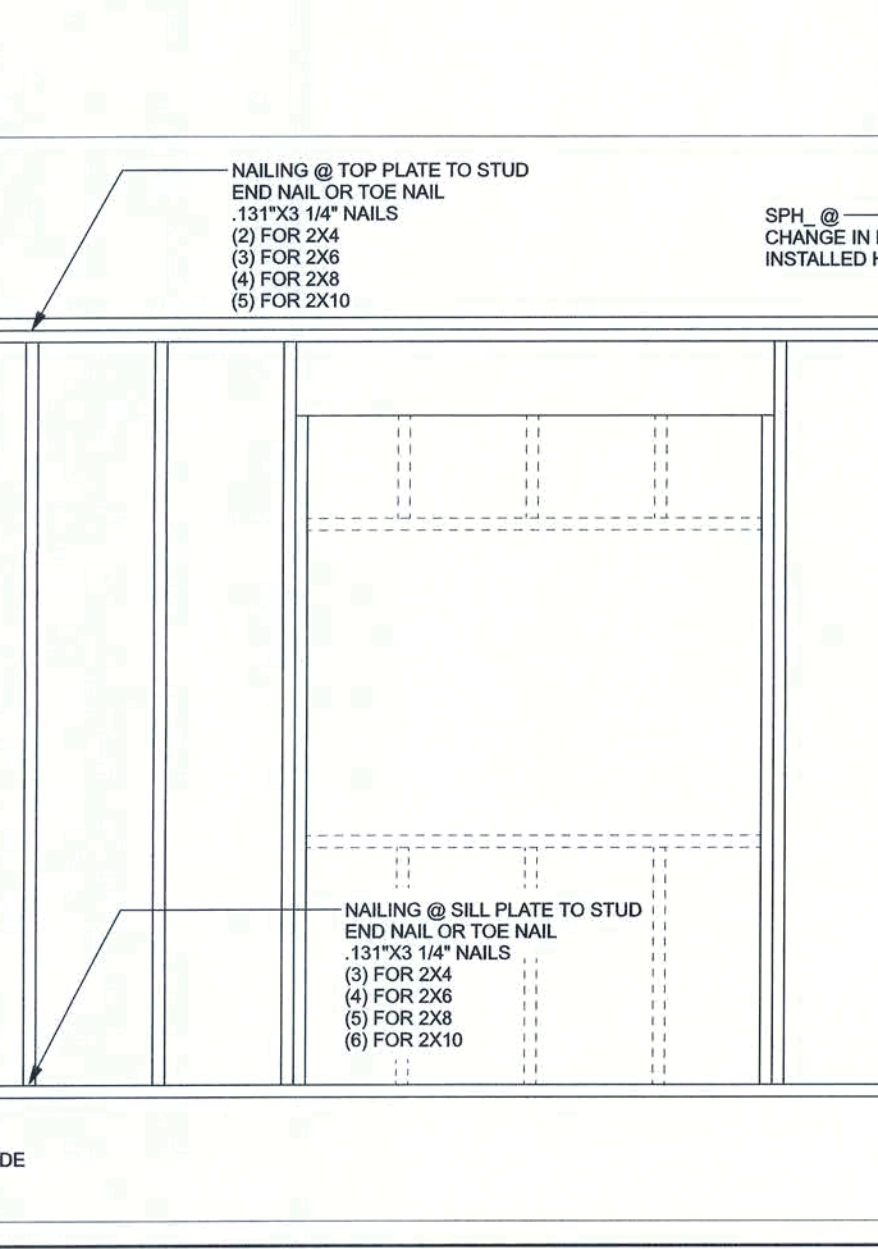
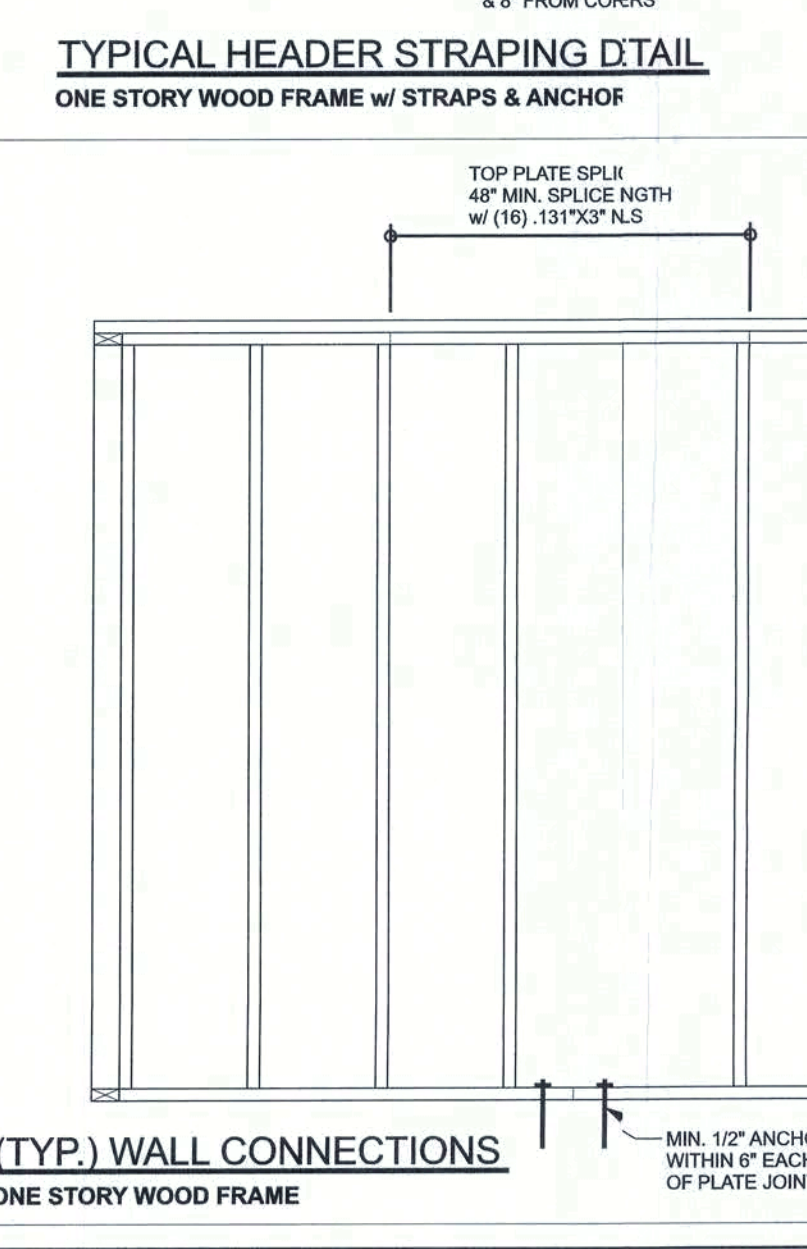
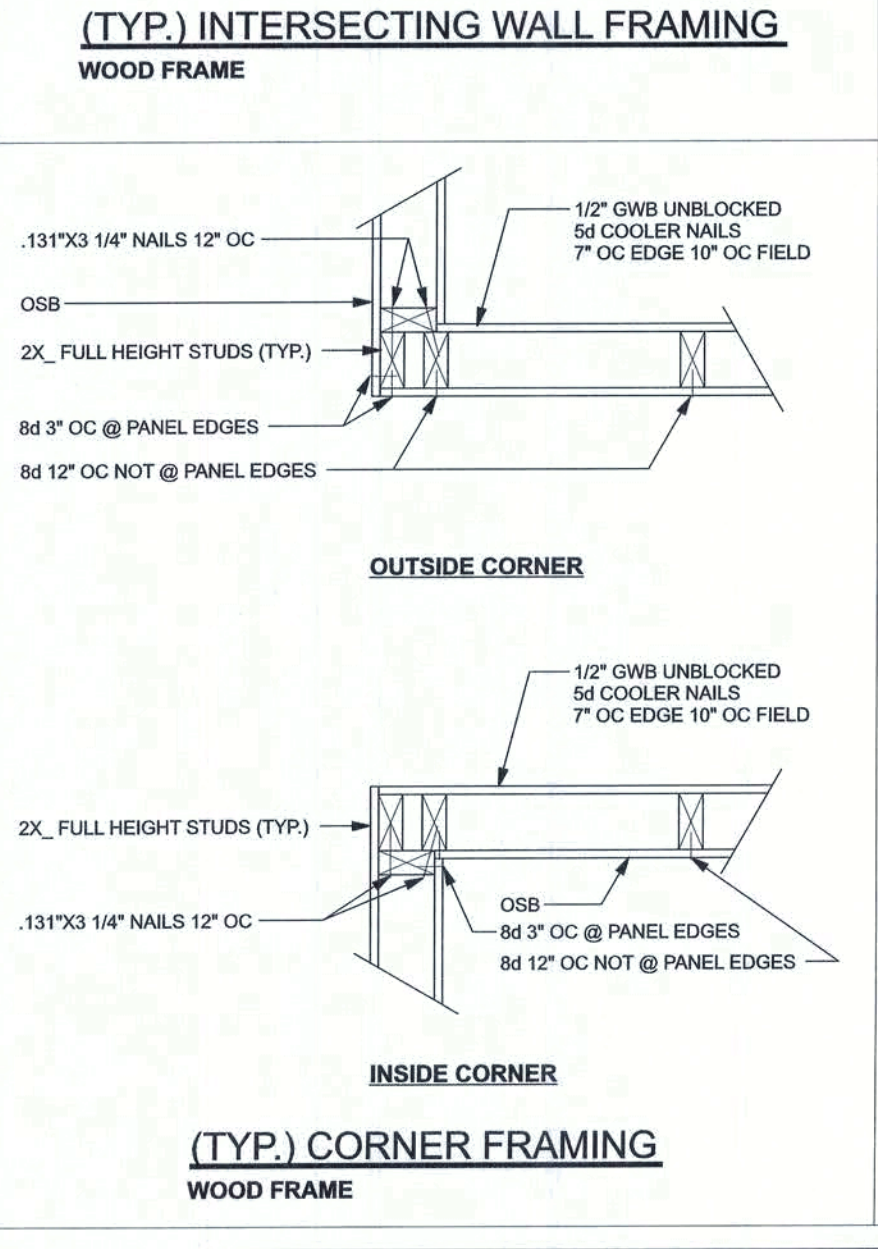
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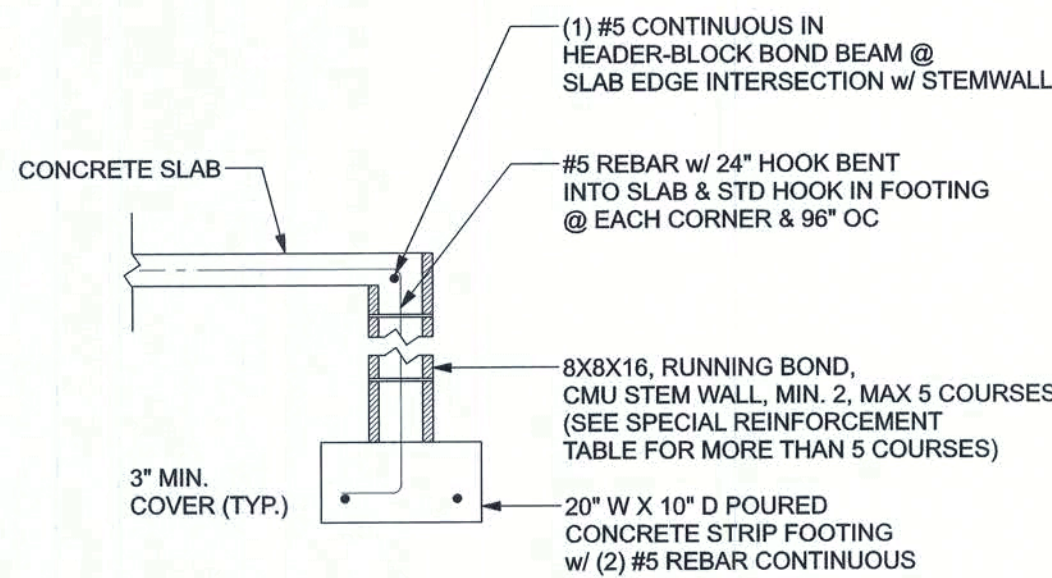
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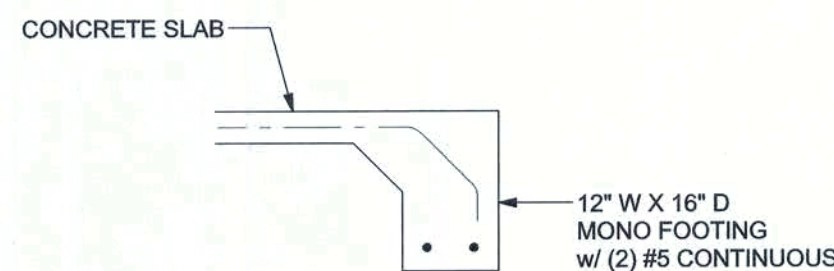
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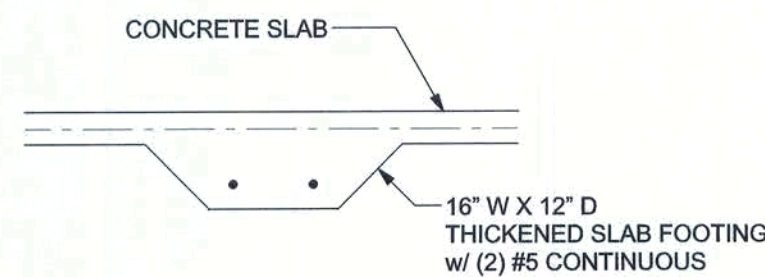




F1 S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



F2 S-2 MONOLITHIC FOOTING
SCALE: 1/2" = 1'-0"



F3 S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"

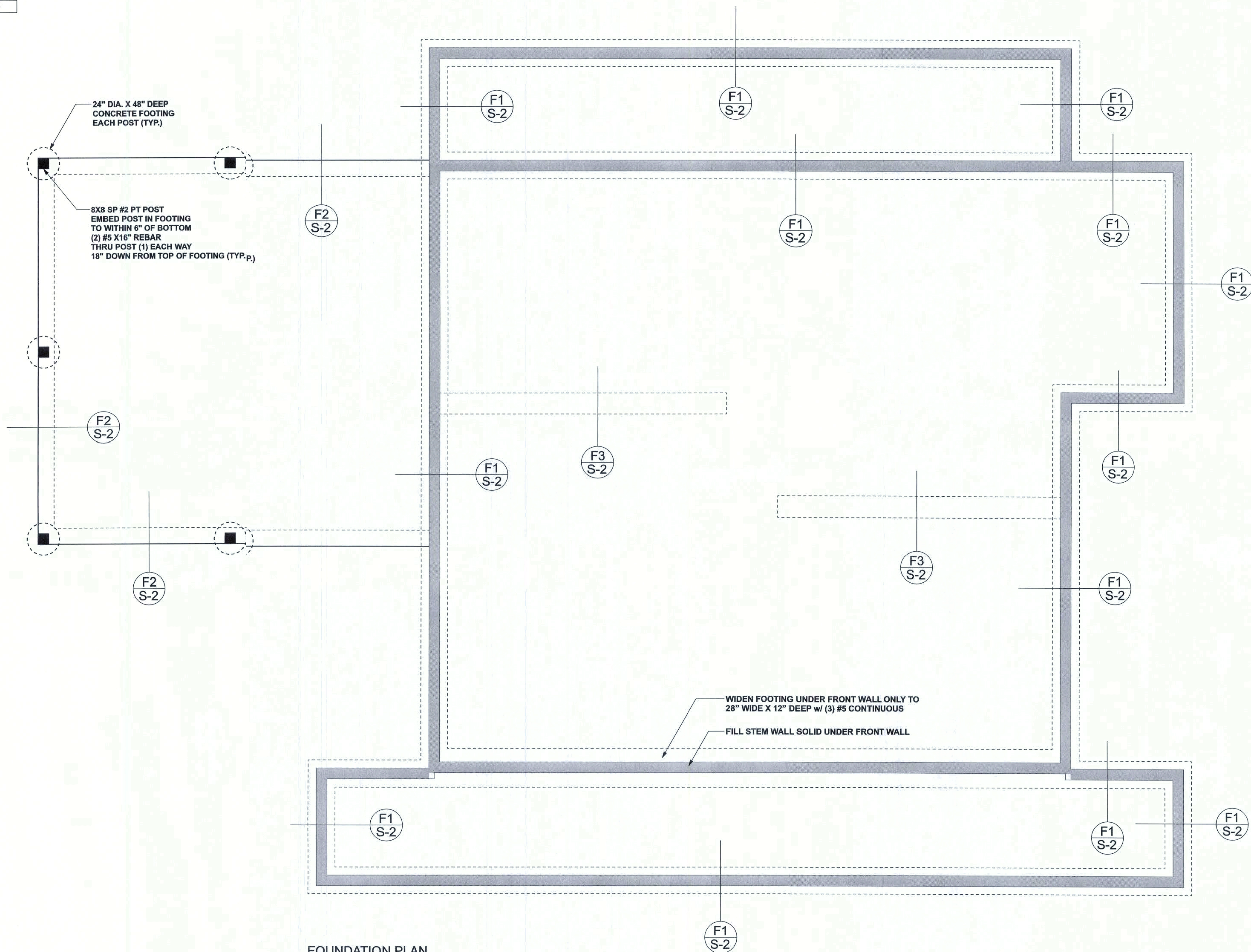
TALSTEM WALL TABLE:
The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is 8" high, add Durowall ladder reinforcement at 16" O.C. vertically or a horizontal bond beam with #5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

STEM WALL HEIGHT (FT)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3	3.0	96	96	96	96	96	96
0	3.7	96	96	96	96	96	96
7	4.3	88	96	96	96	96	96
3	5.0	56	96	96	96	96	96
0	5.7	40	80	96	80	96	96
7	6.3	32	56	80	56	96	96
3	7.0	24	40	56	40	80	96
0	7.7	16	32	48	32	64	80
7	8.3	8	24	32	24	48	64
3	9.0	8	16	24	16	40	48

MAJORITY NOTE:
MAJORITY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TMS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THESE DESIGN DRAWINGS. AN EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.

Item	Specific Requirements
1.4A	Compressive strength
2.1	Mortar
2.2	Grout
2.3	CMU standard
2.3	Clay brick standard
2.4	Reinforcing bars, #3 - #11
2.4F	Coating for corrosion protection
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3.3.1	Pipes, conduits, and accessories
3.3.1	Movement joints

BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 4" BELOW UNDISTURBED SOIL OR ENGINEERED FILL PER FBC 2014-RES. SECTION R403.1.4



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

FOUNDATION NOTES

1. DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC. DISOWAY DESIGN GROUP OR MARK DISOWAY, P.E. IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.
2. CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.
3. THE SLAB SHALL BE 4" CONCRETE SLAB REINFORCED WITH (2) #5 X 16" WELDED WIRE MESH PLACED ON CHAIRS @ 1 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER WITH 6" LAPS SEALED WITH POLY TAPE OVER THERMITE-TREATED & COMPACTED FILL.

B&B Homes
Eric & Janette Hagler Res.
PROJECT ADDRESS:
Hwy 47
Columbia County, FL

DIMENSIONS:
Stated dimension supercede scaled dimensions. Refuse questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.

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Mark Disoway, P.E. hereby expressly reserves its common law copyrights and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without first the express written permission and consent of Mark Disoway.

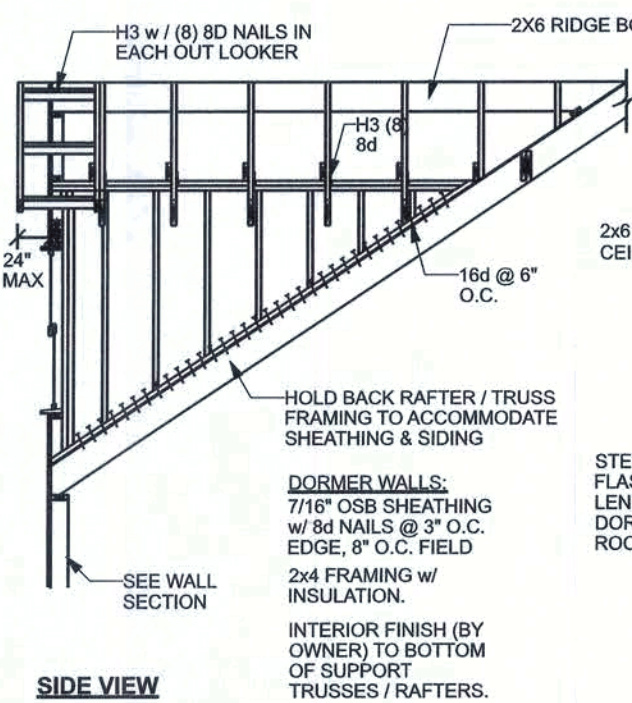
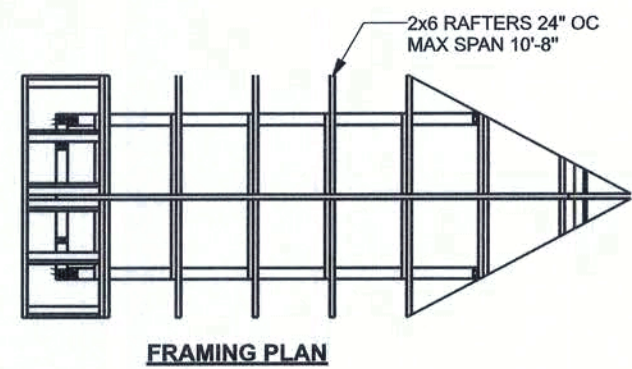
CERTIFICATION: hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 6th Edition Florida Building Code Residential (2017) to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

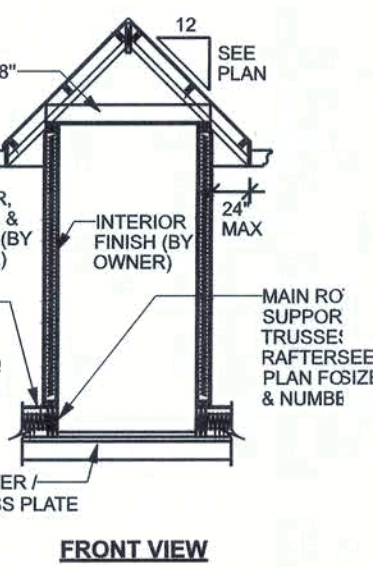
MARK DISOWAY P.E. 53915
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mondy, April 23, 2018

Mark Disoway P.E.
163 SW Midtown Place
Suite 103
Lake City, Florida 32025
386.754.5419
disowaydesign@gmail.com

JOB NUMBER:
180435
S-2
Of 3 SHEETS

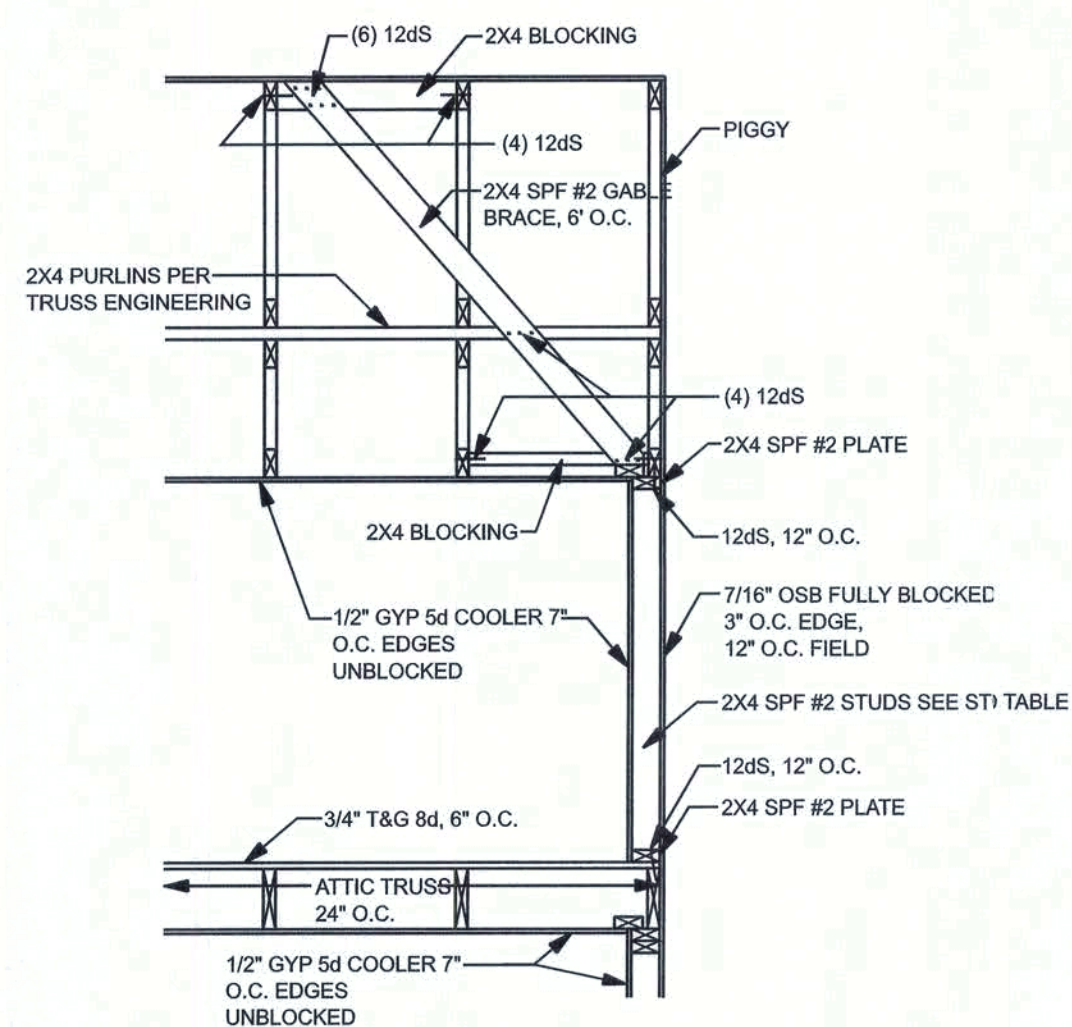


DORMER ROOF:
ROOFING (BY OWNER)
15b. FELT OVER 7/16" OSB
TRUSSES / RAFTERS (SEE
ROOF FRAMING PLAN FOR
SIZE & SPACING) TO RIDGE
BOARD (FULL DEPTH OF
RAFTER CUT).
CEILING JOISTS
CEILING FINISH (BY OWNER)



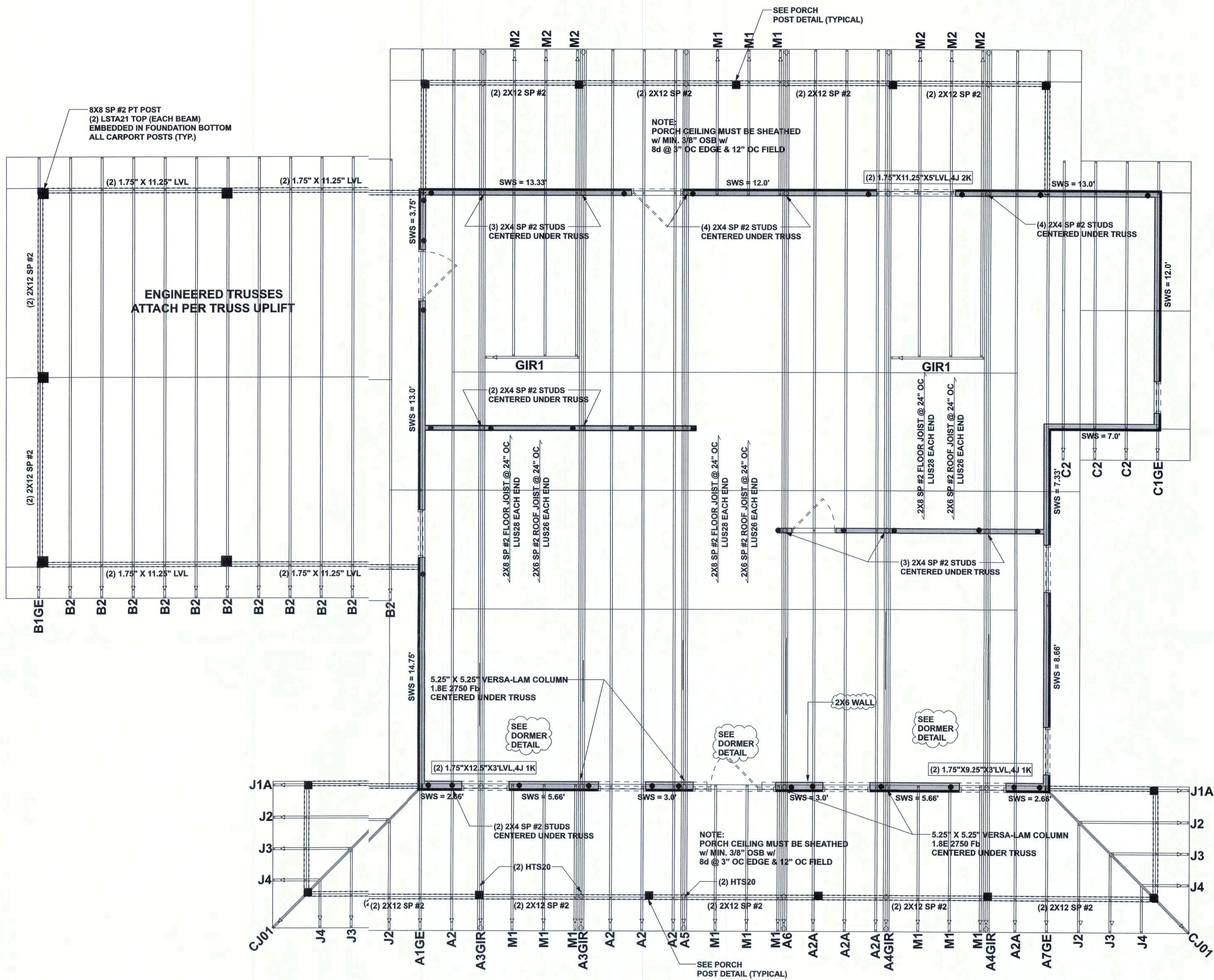
DORMER ANCHORING DETAIL (ON ROOF)

SCALE: N.T.S.



BONUS ROOM / GABLE END BRACING

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



STRUCTURAL PLAN

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

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 USE ONE JACK STUD GIRDER SUPPORT PER 2500 LB LOAD
- SN-4 DIMENSIONS C ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-5 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

HEADER LEGEND

- (2) 2X10X0', 1J 1K
- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PLIES IN HEADER

THREADED ROD LEGEND

- INDICATES LOCATION OF:
3/8" A307 ALL THREADED ROD

ACTUAL vs REQUIRED SHEARWALL

	TRANSVERSE	LONGITUDINAL
ACTUAL	17847 LBF	18291 LBF
REQUIRED	14954 LBF	11229 LBF

B&B Homes

Eric & Janette Hagler Res.

PROJECT ADDRESS:
Hwy 47
Columbia County, FL

DIMENSIONS:
Stated dimensions supercede scaled
dimensions. Refer all questions to
Mark Disosway, P.E. for resolution.
Do not proceed without clarification.

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permission and consent of Mark Disosway.

CERTIFICATION: I hereby certify that I have
examined this plan, and that the applicable
portions of the plan, relating to wind engineering
comply with the 6th Edition Florida
Building Code Residential (2017)
to the best of my knowledge.

LIMITATION: This design is valid for one
building, at specified location.

MARK DISOSWAY P.E. 53915



Monday, April 13, 2018

Mark Disosway P.E.
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Lake City, Florida 32025
386.7545419
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JOB NUMBER:
180435

S-3
OF 3 SHEETS

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER, MAYO TRUSS CO.
JOB #HAGLER_REV2