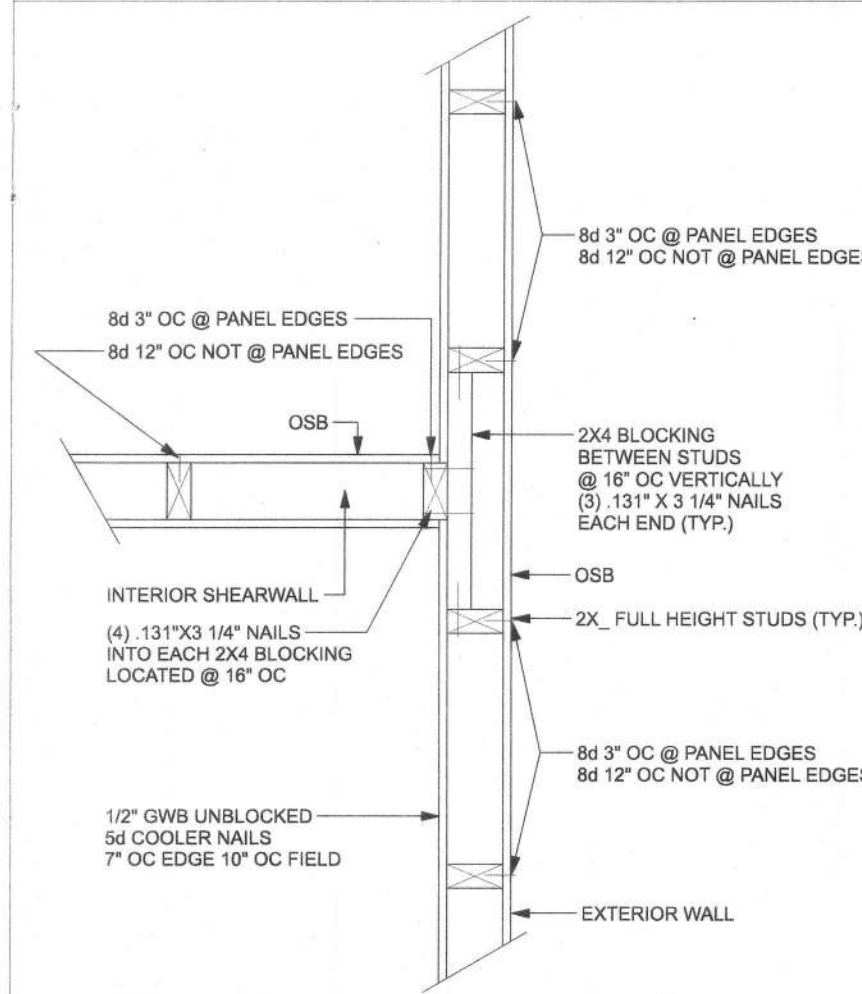
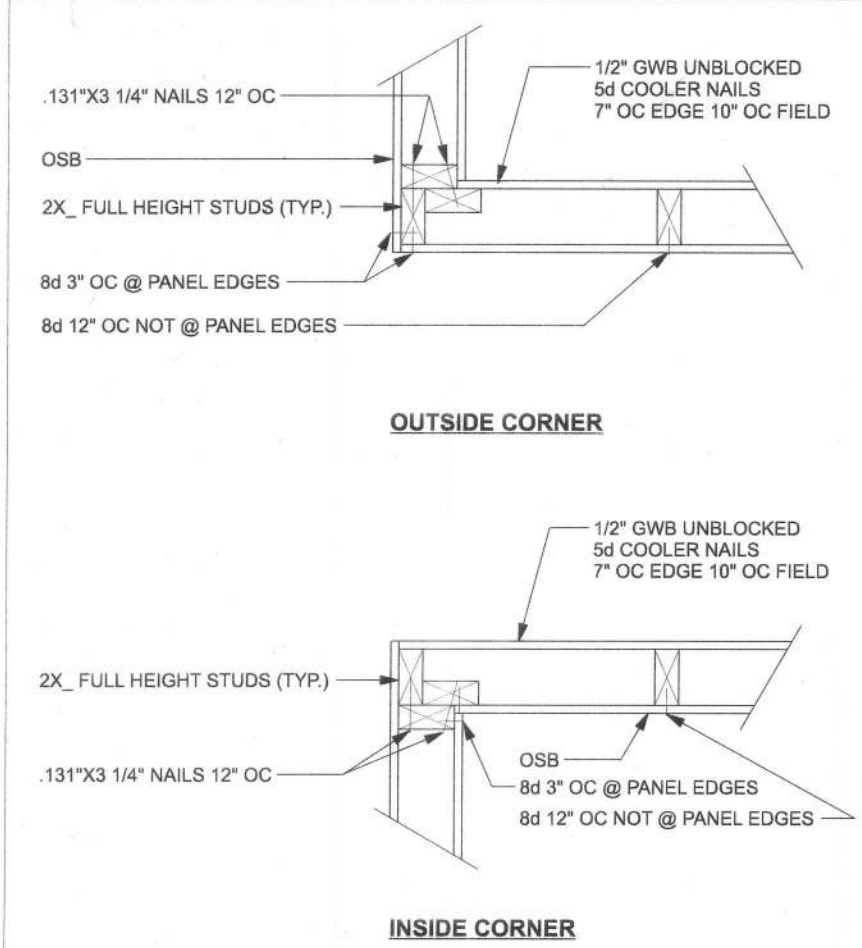


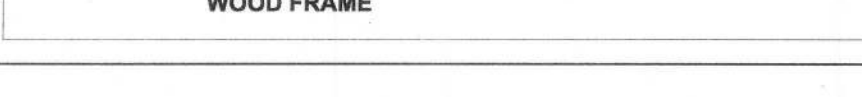
ONE STORY WALL SECTION
SCALE: 3/4" = 1'-0"



(TYP.) GABLE BRACING DETAIL
WOOD FRAME



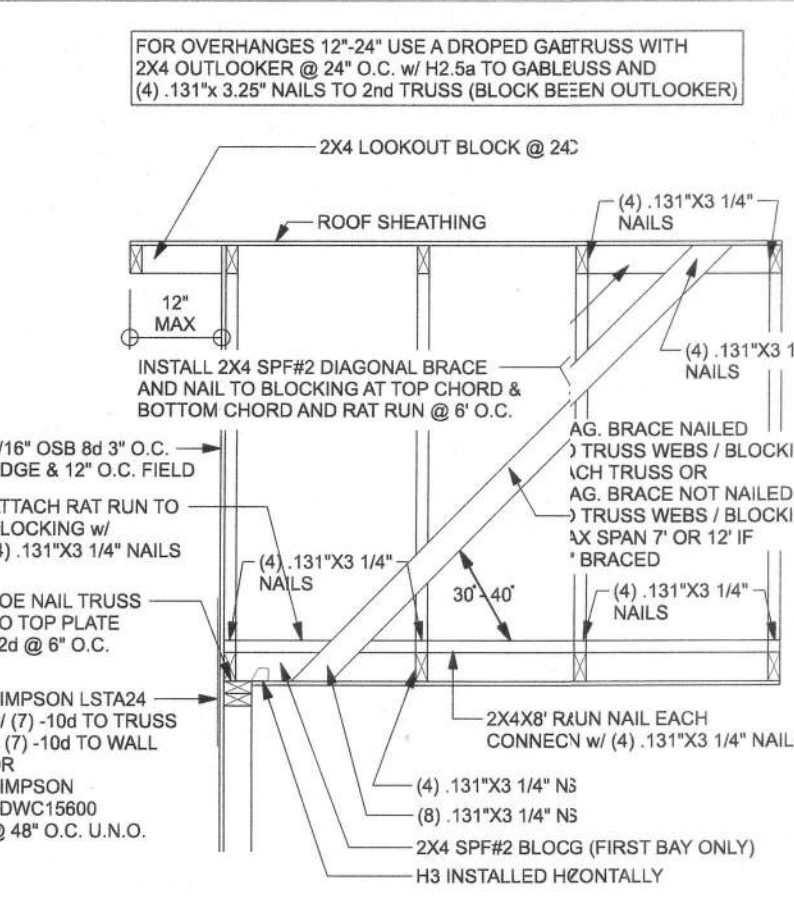
(TYP.) INTERSECTING WALL FRAMING
WOOD FRAME



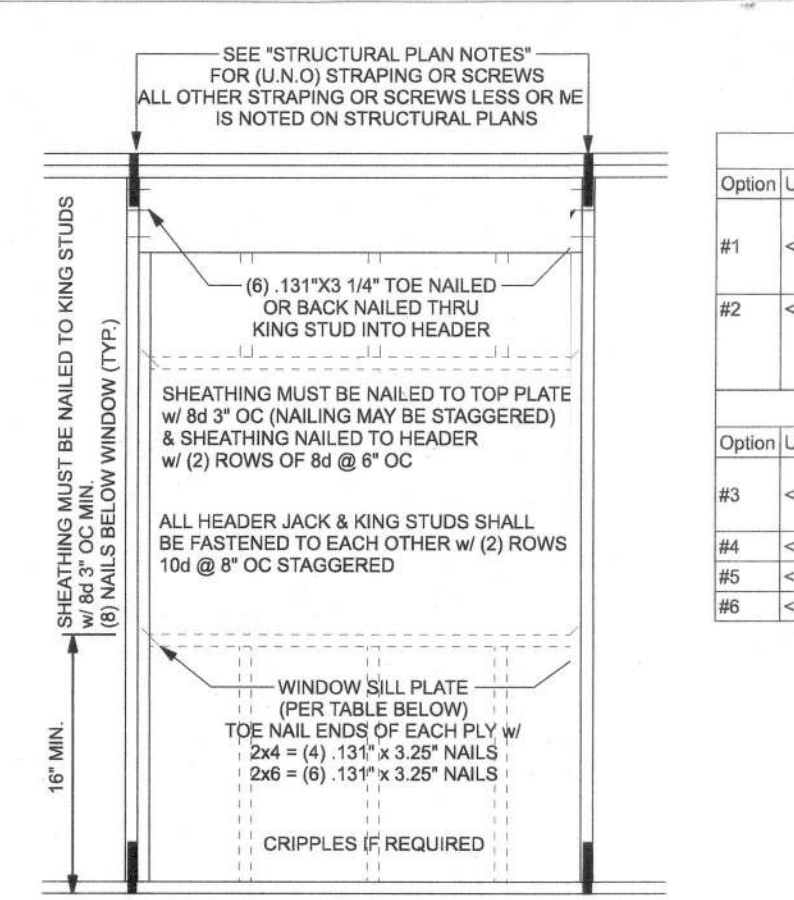
(TYP.) CORNER FRAMING
WOOD FRAME

Wind Speed	Sheathing Thickness Plywood Or OSB	Required Nail	Nail spacing along intermediate supports in the panel field	Nail spacing along edges
120 mph Exp. B	7/16"	ASTM F1667 RSR-01 (2 3/8" x 0.113")	6" oc	12" oc
120 mph Exp. C	7/16"	ASTM F1667 RSR-01 (2 3/8" x 0.113")	6" oc	6" oc
130 mph Exp. B	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
130 mph Exp. C	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. B	7/16"	ASTM F1667 RSR-01 (2 3/8" x 0.113")	6" oc	6" oc
140 mph Exp. C	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. D	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. E	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. F	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. G	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. H	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. I	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. J	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. K	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. L	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. M	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. N	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. O	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. P	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. Q	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. R	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. S	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. T	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. U	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. V	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. W	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. X	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. Y	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. Z	19/32"	ASTM F1667 RSR-03 (2 1/2" x 0.131")	6" oc	6" oc

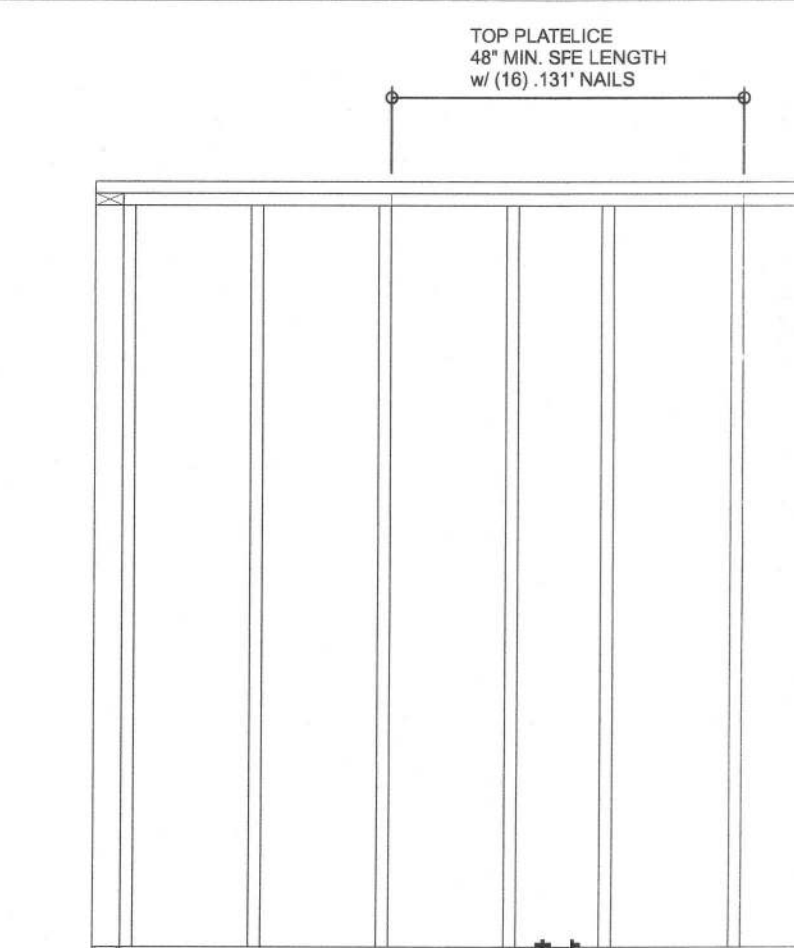
NOTE: For sheathing located a minimum of 4 feet from the perimeter of the roof, including 4 feet on each side of ridges and hips, nail spacing is permitted to be 6 inches on center along panel edges and 6 inches on center along intermediate supports in the panel field. This table specifies the code minimum thickness of roof sheathing. The thickness of the sheathing may need to be increased based on the type of roofing material being used. See manufacturer data product approval.



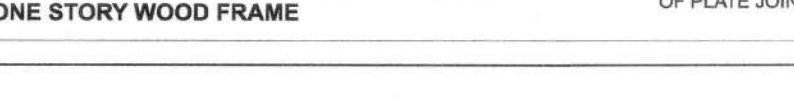
SPACE RAT RUN & DIAGONAL BRACE 6'-0" O.C.
FOR GABLE HEIGHT UP TO 25'-0" 130 MPH, EXP. ENCLOSED



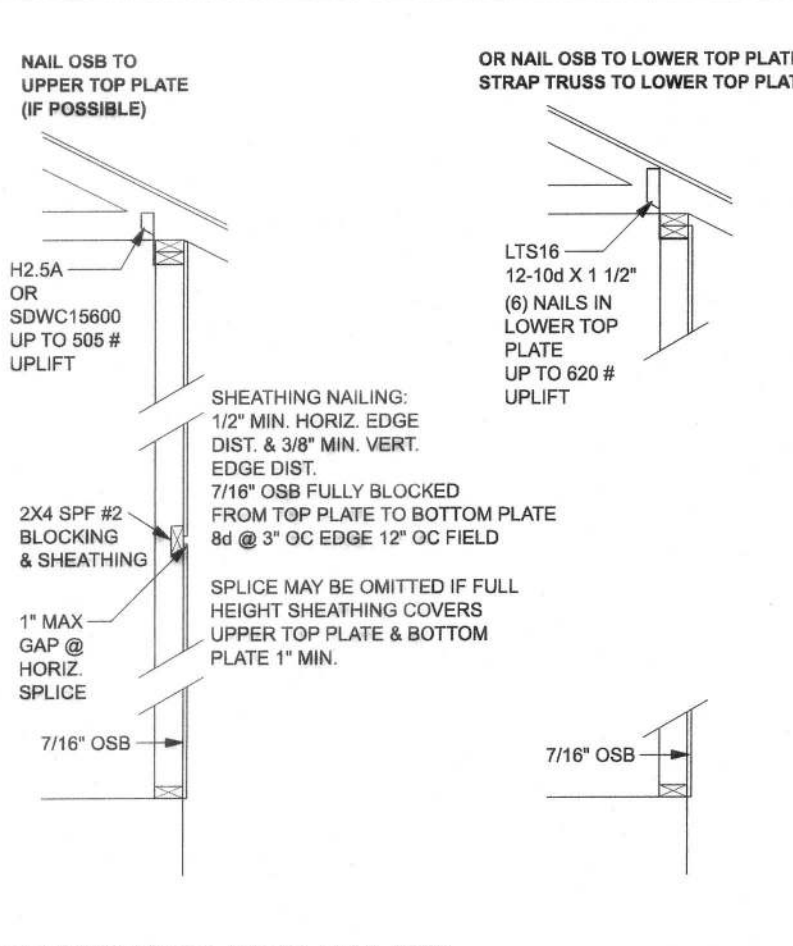
TYPICAL HEADER STRAP/SCREWS DETAIL
ONE STORY WOOD FRAME w/ STRAPS & ANCRS



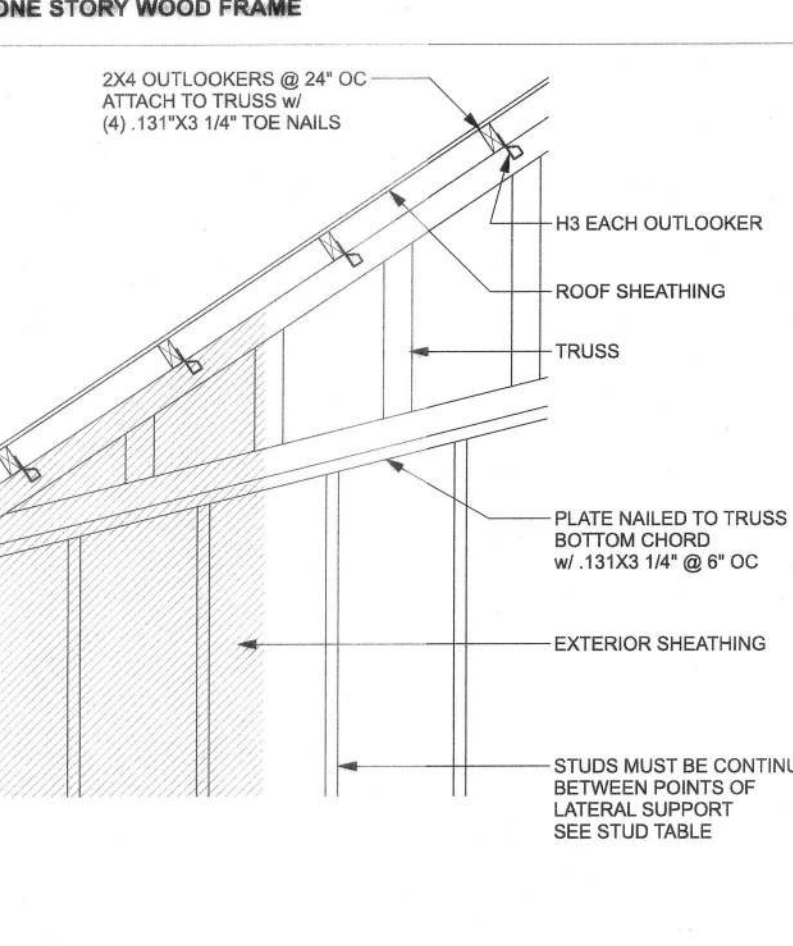
(TYP.) WALL CONNECTIONS
ONE STORY WOOD FRAME



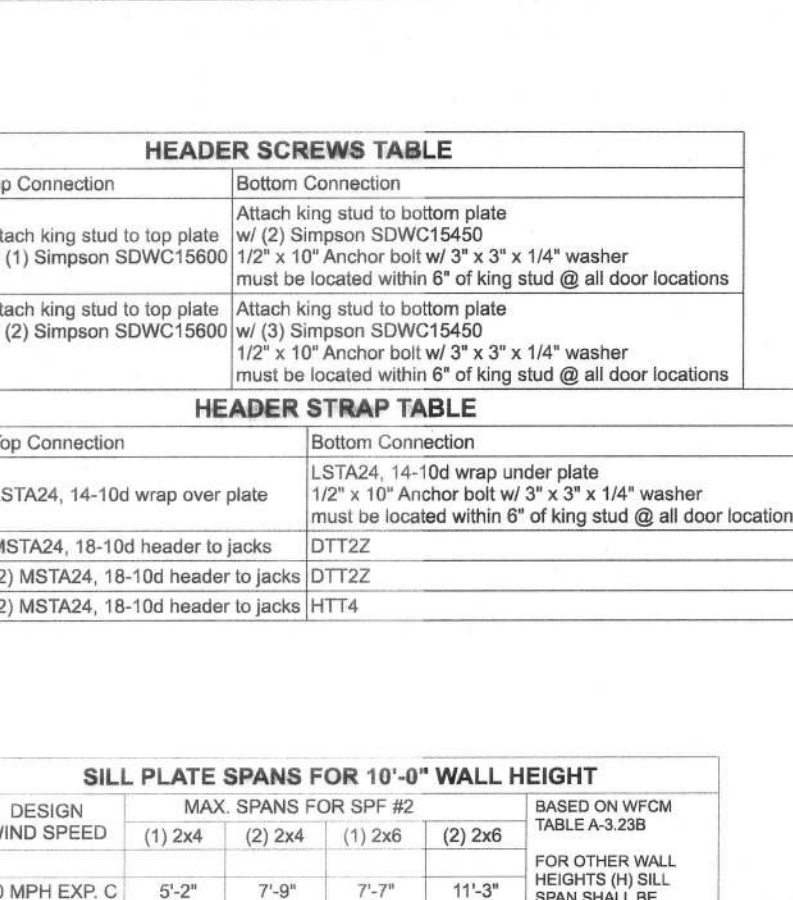
(TYP.) WALL CONNECTIONS
ONE STORY WOOD FRAME



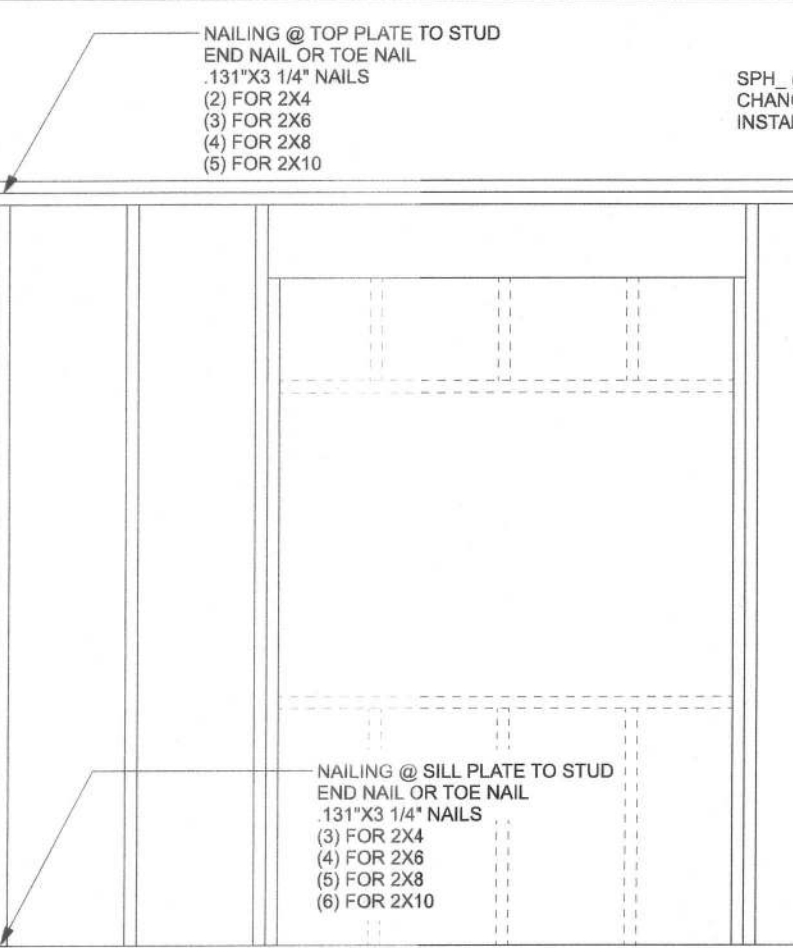
SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



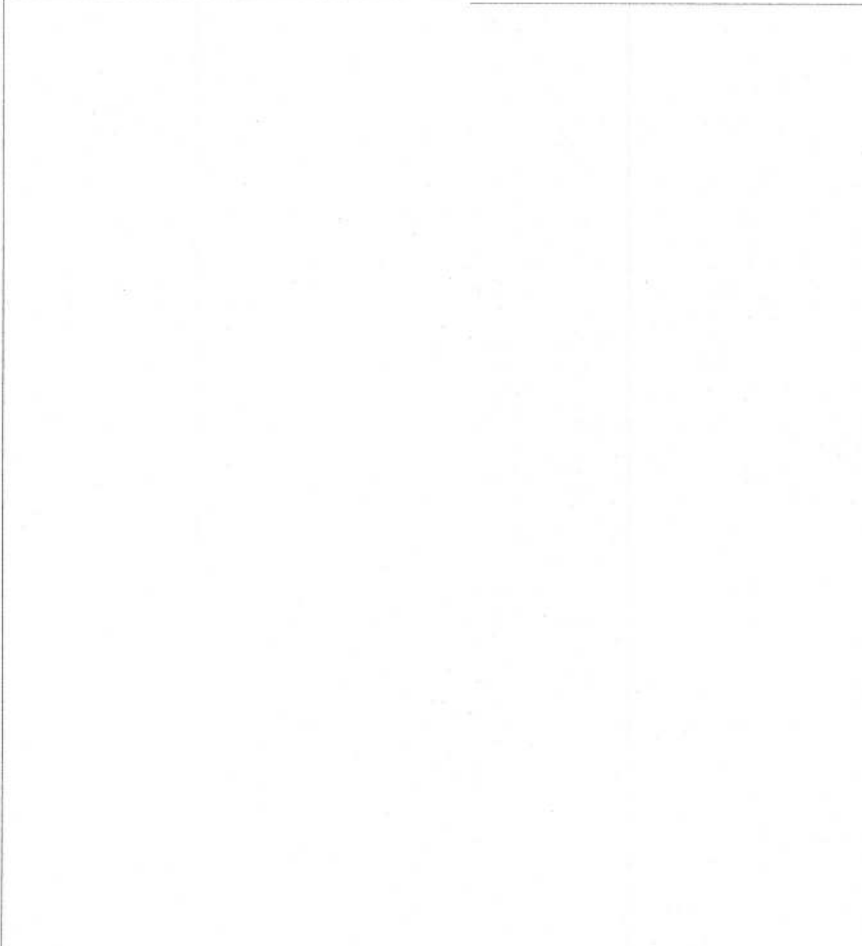
SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



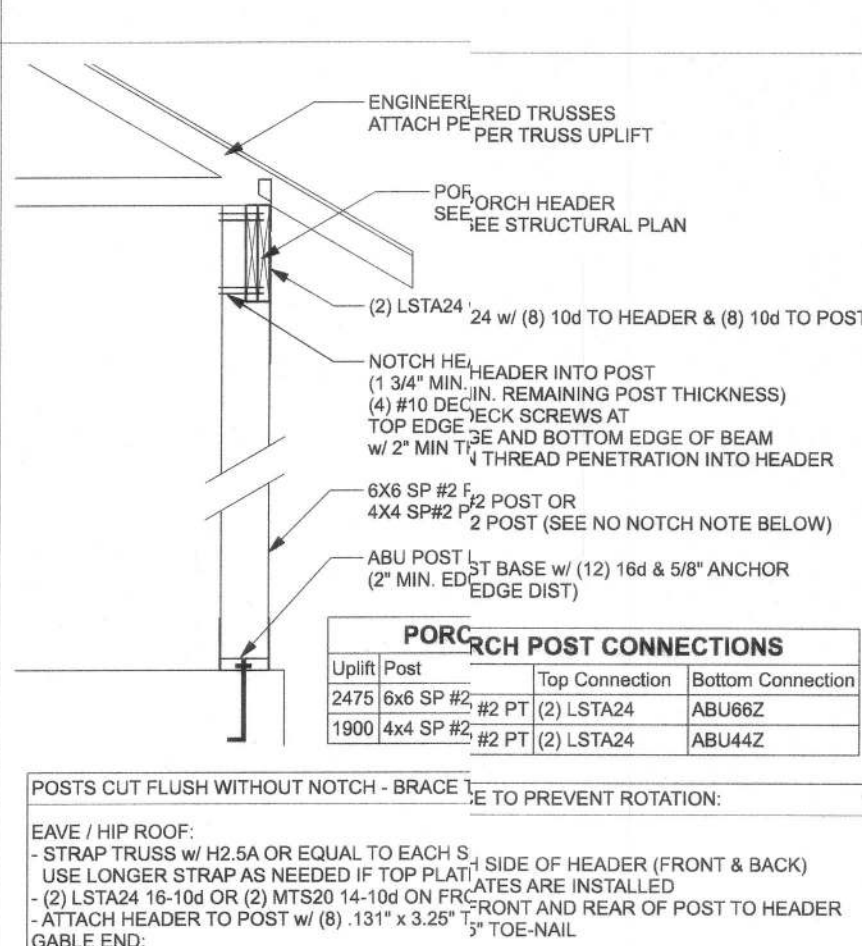
SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



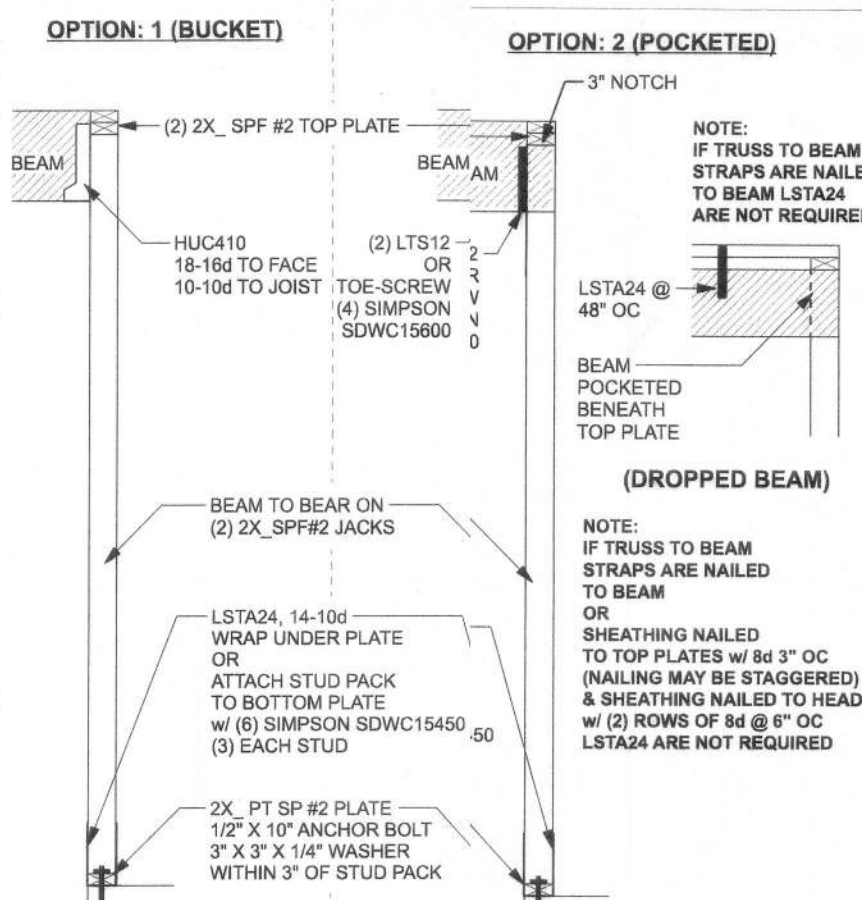
SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



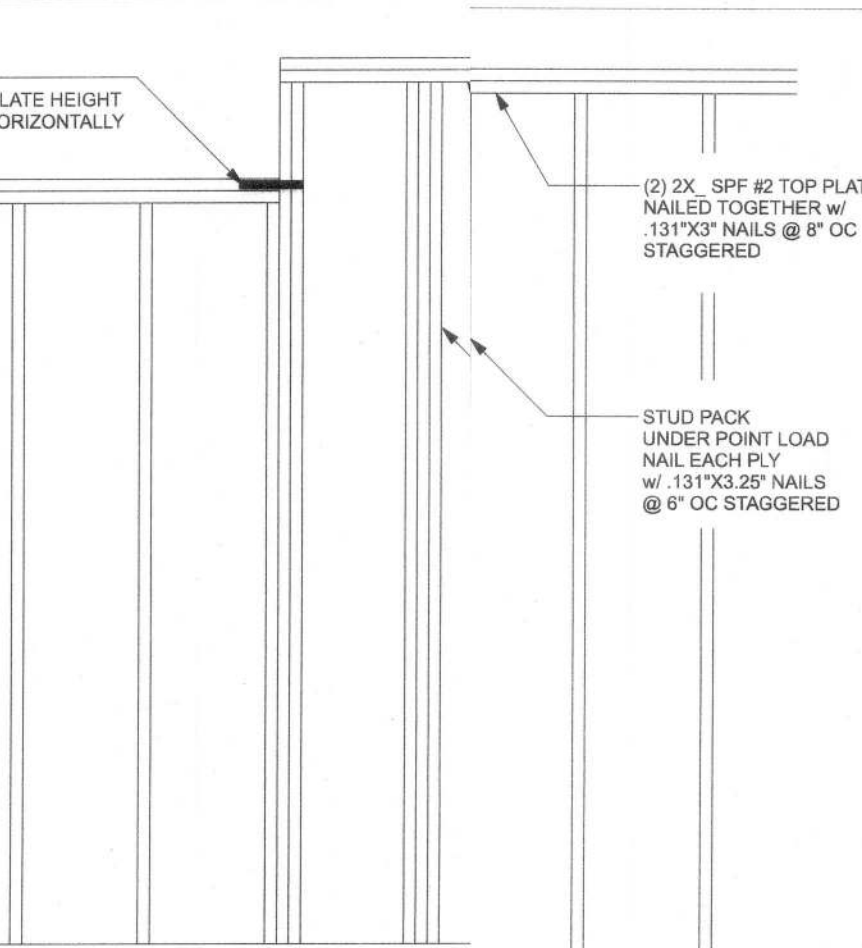
SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



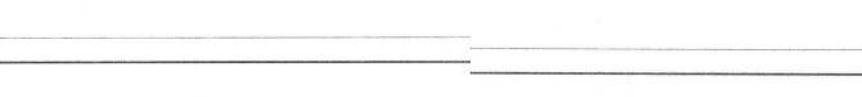
SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



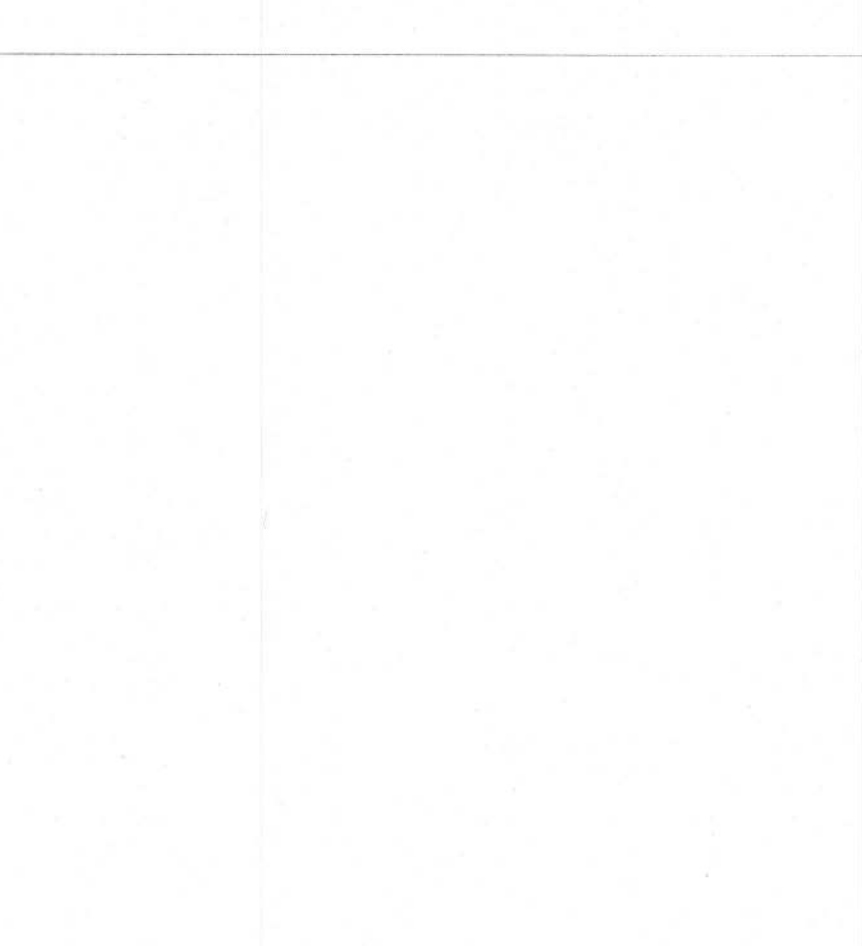
SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



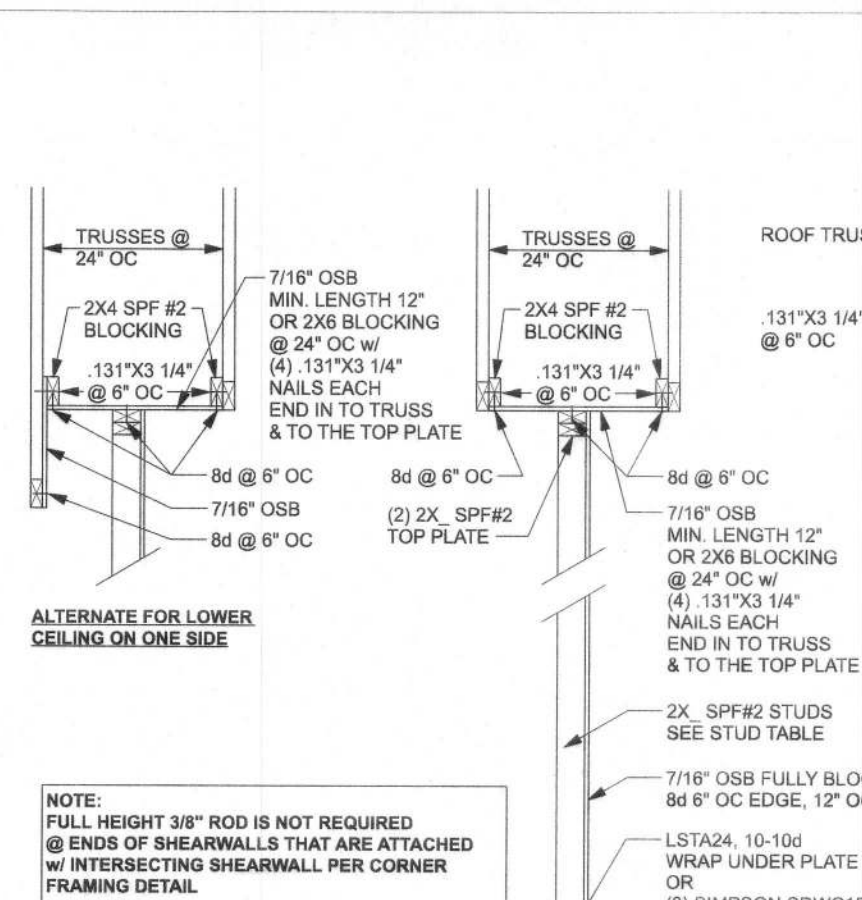
SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



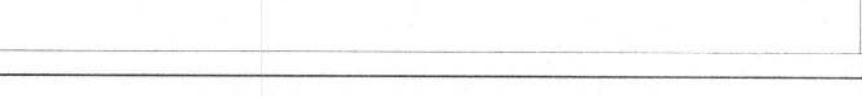
SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME

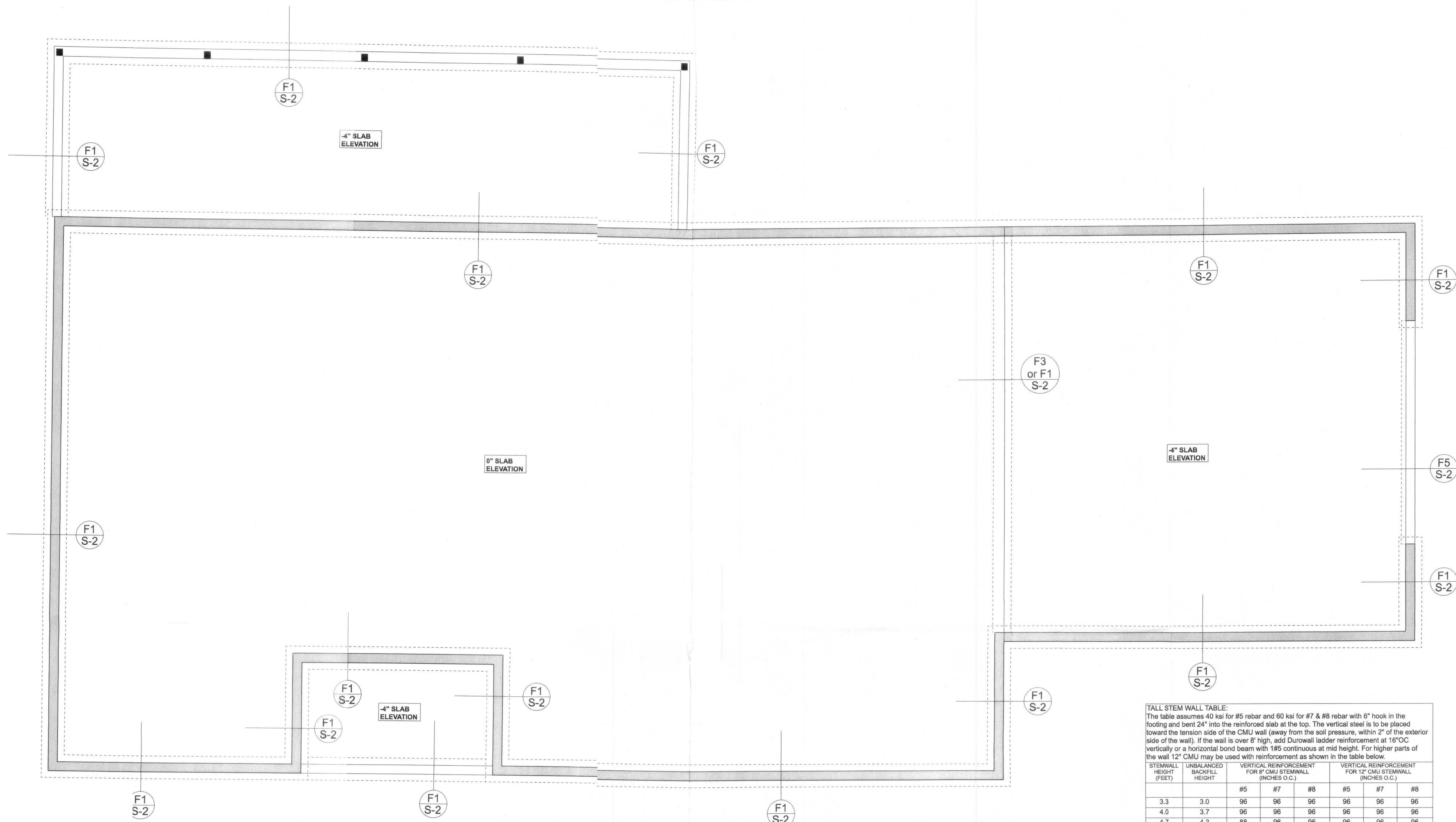


SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME

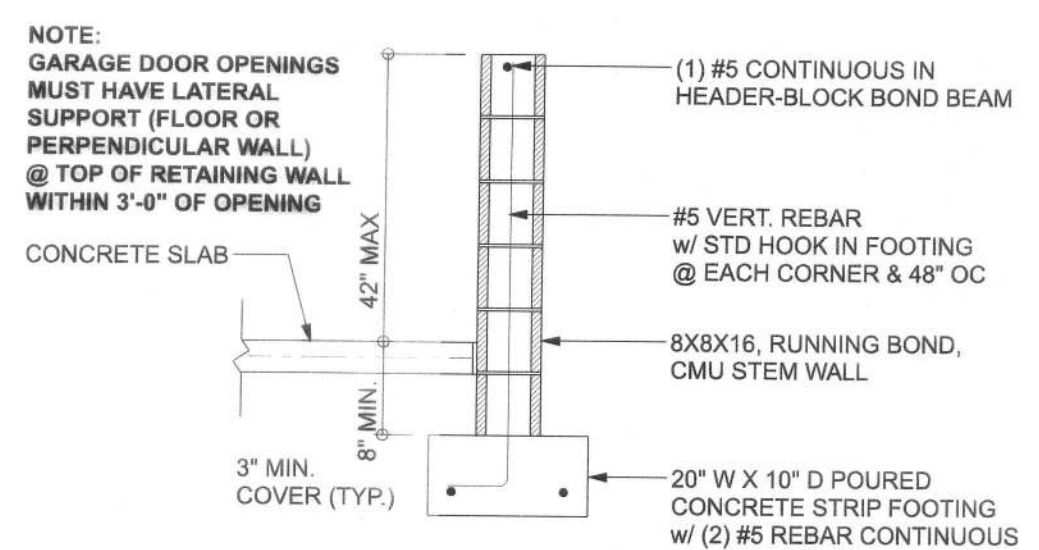
CONNECTOR TABLE				
Uplift SP	Uplift SP#	Truss Connector	To Plate	To Truss/Rafter
805	505	SDWC15600	-	-
415	290	H3	4-8d x 1 1/2"	4-8d x 1 1/2"
615	540	H2.5A	5-8d x 1 1/2"	5-8d x 1 1/2"
1340	1015	H10A	9-10d x 1 1/2"	9-10d x 1 1/2"
720	620	LTS12-20	8-10d x 1 1/2"	8-10d x 1 1/2"
1000	860	MTS12-30	7-10d x 1 1/2"	7-10d x 1 1/2"
1450	1245	HTS20-30	12-10d x 1 1/2"	12-10d x 1 1/2"
Uplift SP	Uplift SP#	Strap Ties	To One Member	To Other Member
1235	1235	LSTA21	8-10d	8-10d
1640	1455	MSTA24	9-10d	9-10d
1030	1030	C320	7-10d	7-10d
Uplift SP	Uplift SP#	Stud Plate Ties	To Stud	To Plate
585	535	SP1	6-10d	4-10d
605	605	SP2	6-10d	wrap under or over plate
1711	771	LSTA24	10-10d	wrap under or over plate
1238	1238	HTT4	14-10d	wrap under or over plate
Uplift SP	Uplift SP#	Holdowns @ Stewall	To Stud / Post	
125	1800	DTT22	8-SDS 1/4"x 1 1/2"	1/2"x2 1/2" T1an HD
135	3640	HTT4	18-16d x 1 1/2"	1/2"x2 1/2" T1an HD
Uplift SP	Uplift SP#	Holdowns @ Mono	To Stud / Post	
125	1800	DTT22	8-SDS 1/4"x 1 1/2"	1/2"x6" T1an HD
135	3640	HTT4	18-16d x 1 1/2"	1/2"x2 1/2" T1an HD
Uplift SP	Uplift SP#	Post Bases @ Stewall		
100	ABU442		12-16d	5/8"x2 1/2" Drll & Epoxy
175	ABU682		12-16d	5/8"x2 1/2" Drll & Epoxy
Uplift SP	Uplift SP#	Post Bases @ Mono		Anchor
100	ABU442		12-16d	5/8"x2 1/2" Drll & Epoxy
175	ABU682		12-16d	5/8"x2 1/2" Drll & Epoxy



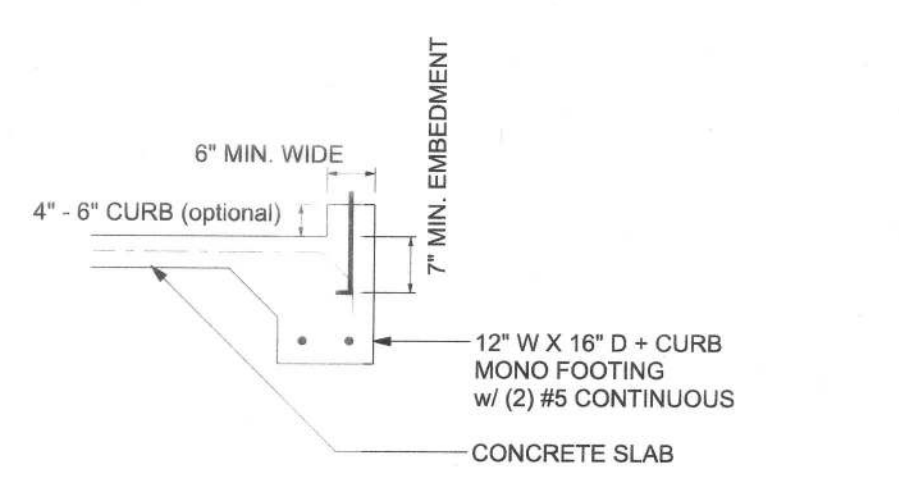
FOUNDATION PLAN

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

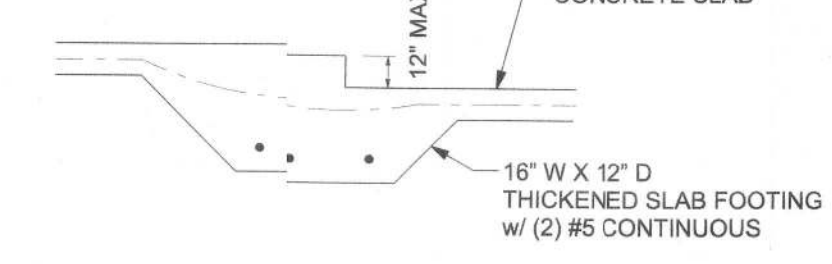
- FOUNDATION NOTES**
- FN-1 DIMENSIONS ON FOUNDATION STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS, EASES IN SLAB, STEP DOWNS, ETC. DISOSWAY DESIGN GROUP OR MARK DISOSWAY, P.E. IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.
 - FN-2 CONTRACTOR SHALL VERIFY FOR INTERIOR BEARING WALLS BY REVIEWING ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.
 - FN-3 THE SLAB SHALL BE 4" CONCRETE SLAB REINFORCED W/ #6-14 AT 4" WELDED WIRE MESH PLACED ON CHAIRS @ 12" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER W/ 6" IS SEALED W/ POLY TAPE OVER TERMITES AND COMPACTED FILL (ALSO, ANY OTHER CODE APPROVED TERMITE TREATMENT METHOD CAN BE USED INST).



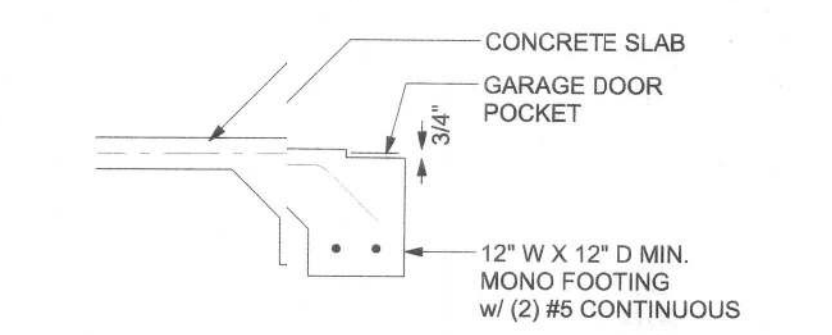
F4 S-2 STEM WALL CURB FOOTING
SCALE: 1/2" = 1'-0"



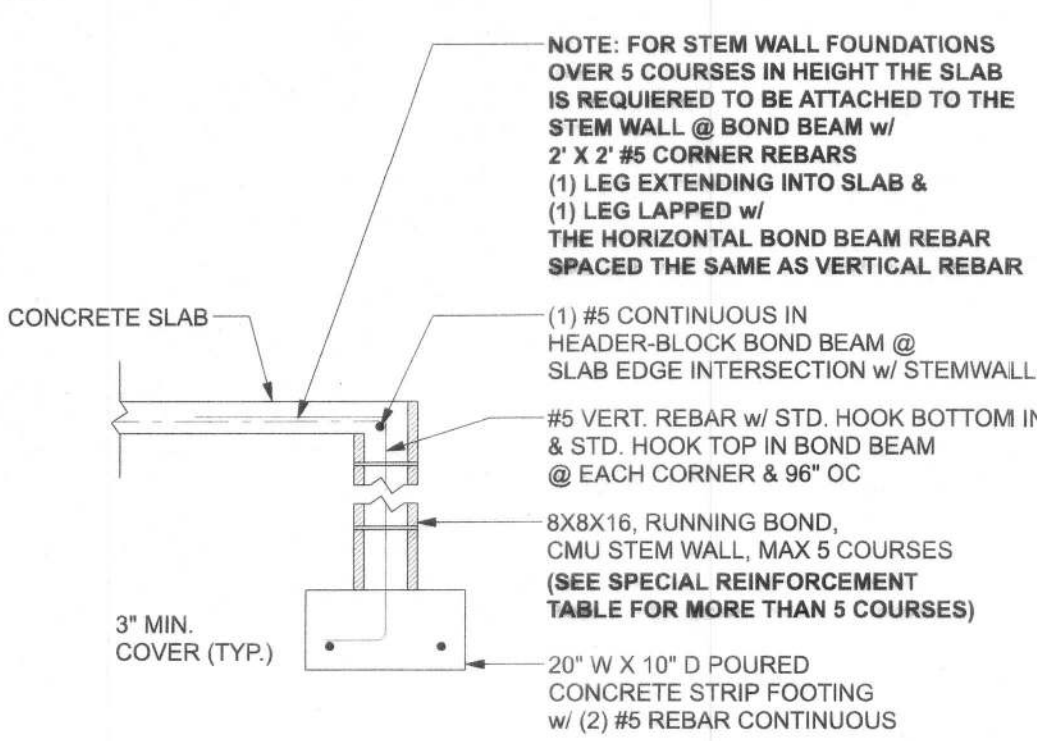
F4 S-2 OPTIONAL MONOLITHIC CURB FOOTING
SCALE: 1/2" = 1'-0"



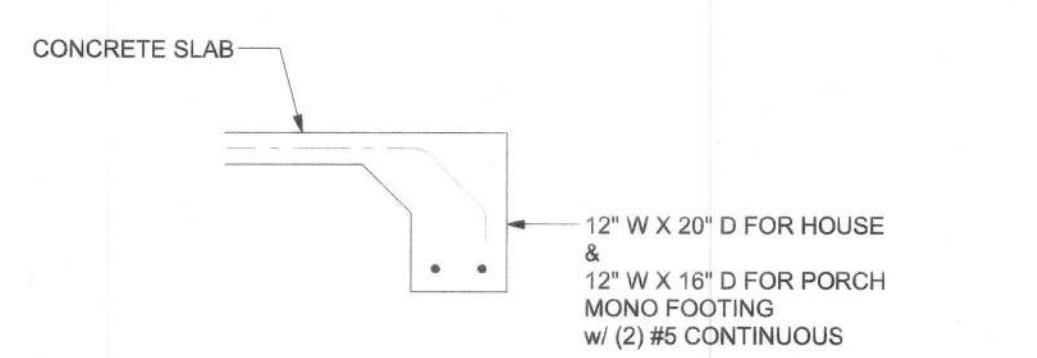
F3 S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"



F5 S-2 GARAGE DOOR POCKET FOOTING
SCALE: 1/2" = 1'-0"



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



F1 S-2 OPTIONAL MONOLITHIC FOOTING
SCALE: 1/2" = 1'-0"

TALL STEM WALL TABLE:
The table assumes 40 ksi for #5 rebar and 60 ksi for #7 & #8 rebar 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 over 8' high, add Duowall ladder reinforcement at 16" OC 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 (FEET)	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	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48

MASONRY NOTE:
MASONRY 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. ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.

ACI 530.1-02 Section	Specific Requirements
1.4A Compressive strength	8" block bearing walls F'm = 1500 psi
2.1 Mortar	ASTM C 270, Type N, UNO
2.2 Grout	ASTM C 476, admixtures require approval
2.3 CMU standard	ASTM C 90-02, Normal weight, hollow, medium surface finish, 8"x8"x16" running bond and 12"x12" or 16"x16" column block
2.4 Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5.5"x2.75"x11.9"
2.4 Reinforcing bars, #3 - #11	ASTM 615, Grade 40, Fy = 40 ksi, Lap splices min 40 bar dia. (25" for #5)
2.4F Coating for corrosion protection	Anchors, sheet metal ties completely embedded in mortar or grout, ASTM A525, Class G60, 0.60 oz/lb or 304SS
2.4F Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or wet lies, anchors, sheet metal ties not completely embedded in mortar or grout, ASTM A153, Class B2, 1.50 oz/lb or 304SS
3.3.E.2 Pipes, conduits, and accessories	Any not shown on the project drawings require engineering approval.
3.3.E.7 Movement joints	Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings.

BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL

DION TAYLOR
331 NW GABLE GLEN
LAKE CITY, FLORIDA

FL PE 53915
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No. 53915
STATE OF FLORIDA
PROFESSIONAL ENGINEER
2023-01-10

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

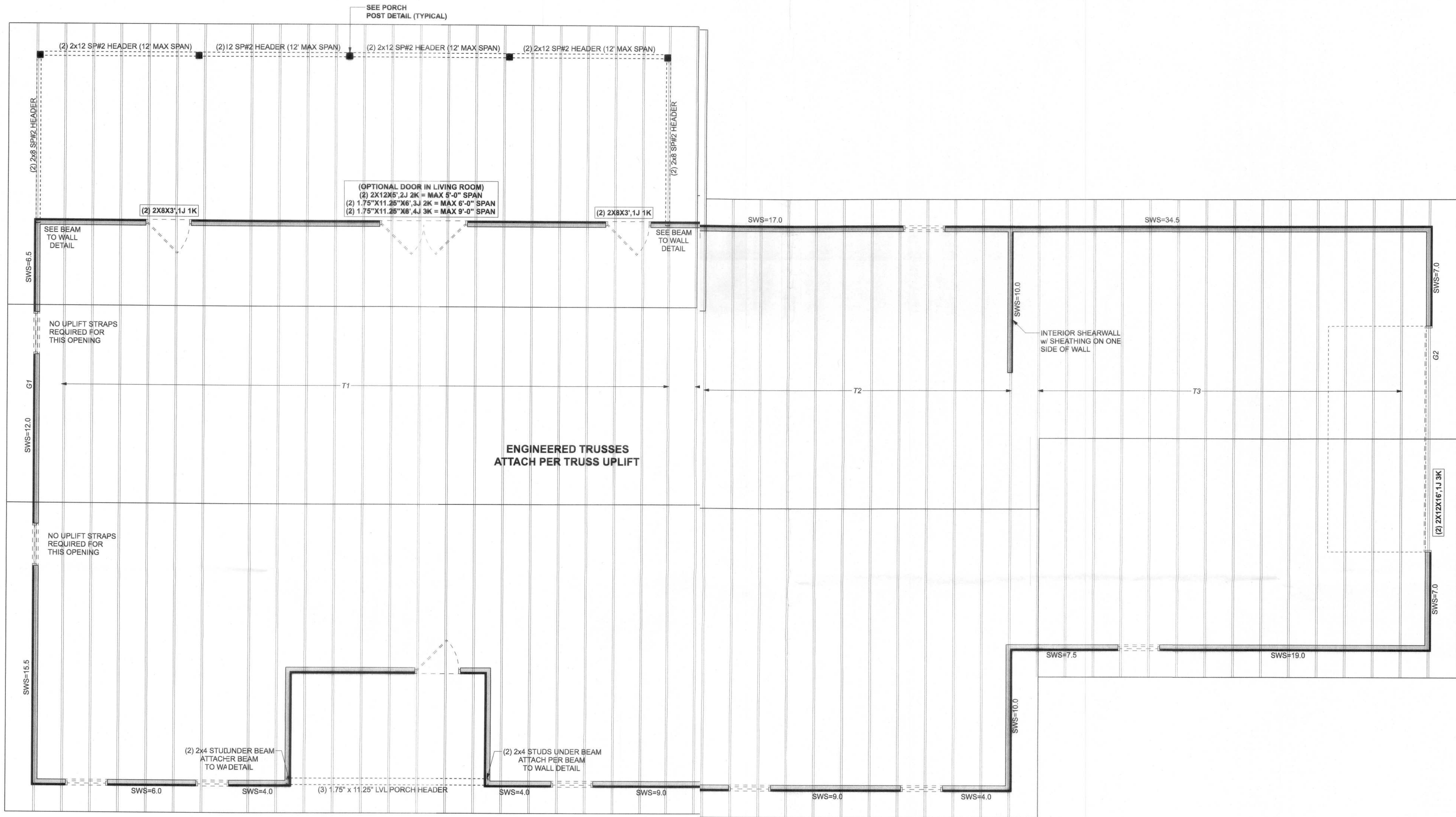
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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

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

Mark Disosway P.E.
163SW Midtown Place
Suite 103
Lak City, Florida 32025
386.754.5419
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JOB NUMBER:
171354
S-2
OF 3 SHEETS



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

STRUCTURAL PLAN NOTES

- SN-1 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-2 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER B11-03, BCS1-01, BCS1-02, & BCS1-03. BCS1-01, BCS1-02, BCS1-03 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

HEADER LEGEND

- (2) 2X6X0', 1J 1K ———— HEADER/BEAM CALL-OUT (U.N.O.)
- NUMBER OF KING STUDS EACH SIDE OF OPENING (FULL LENGTH)
- NUMBER OF JACK STUDS EACH SIDE OF OPENING (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PILES IN HEADER

UNLESS NOTED OTHERWISE (MINIMUM REQUIREMENTS)	
SEE STRUCTURAL PLAN FOR ANY SPECIFIC CALL OUTS	
BEAM / HEADERS (SIZE)	ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X6 SP #2 (UNO)
HEADERS (JACK & KING STUDS)	ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (UNO)
HEADERS (STRAPPING)	ALL HEADERS w/ UPLIFT TO BE STRAPPED OR SCREWED DOWN w/ MIN. OPTION #1 OR OPTION #3 (SEE DETAIL ON SHEET S-1) (U.N.O.) 1/2" X 10" ANCHOR BOLT w/ 3" X 3" X 1/4" WASHER MUST BE LOCATED WITHIN 6" OF KING STUD @ ALL DOOR LOCATIONS (U.N.O.)
JACK STUDS UNDER GIRDER TRUSS	USE ONE JACK STUD GIRDER SUPPORT PER 2000 LB LOAD

ACTUAL vs REQUIRED SHEARWALL		
	TRANSVERSE	LONGITUDINAL
ACTUAL	25608 LBF	45144 LBF
REQUIRED	19125 LBF	15885 LBF

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY LYNN MANUFACTURING & BUILDING CO. JOB #173926 (P-2442)

DION TAYLOR
331 NW GABLE GLEN
LAKE CITY, FLORIDA



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

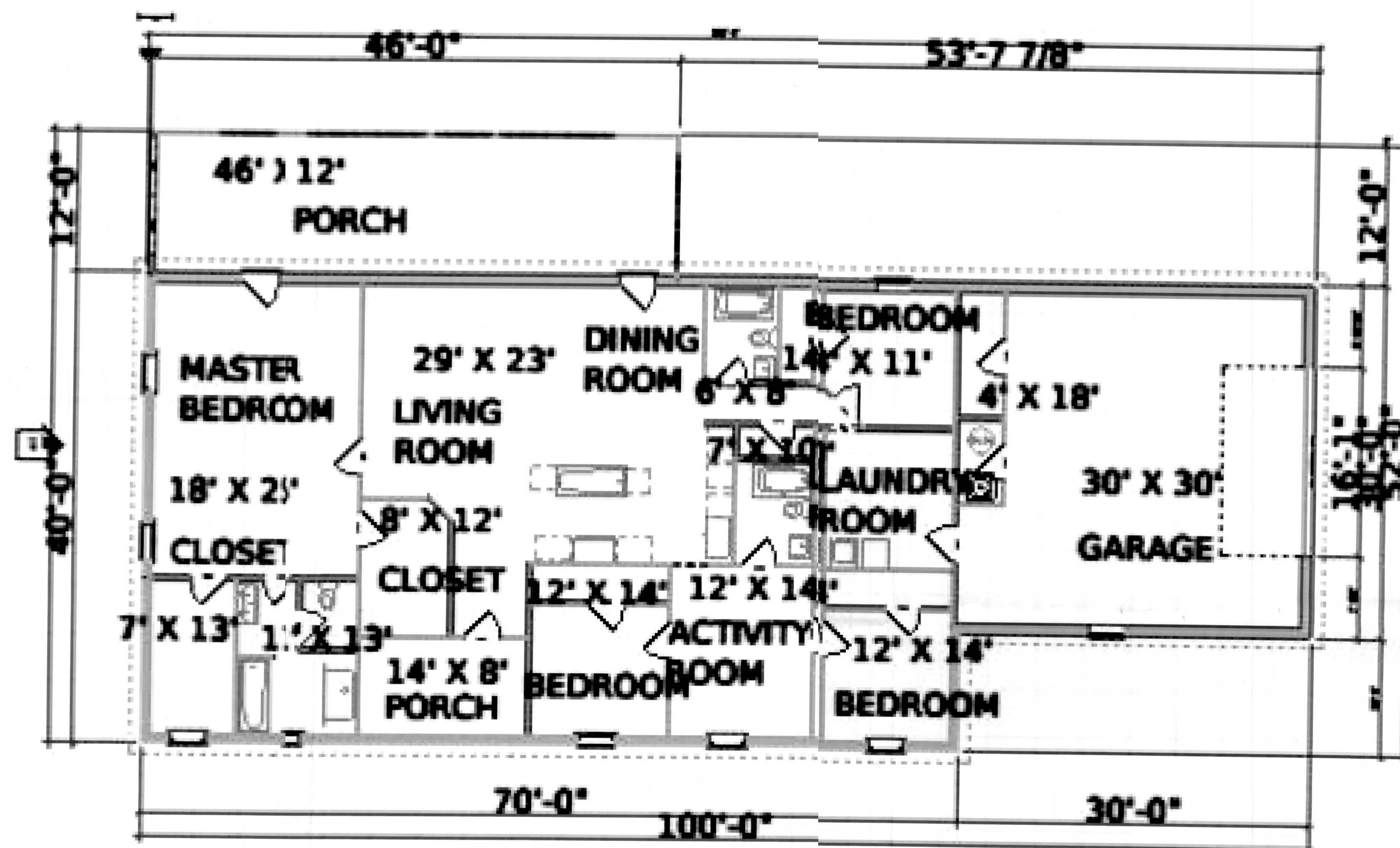
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CERTIFICATION: I hereby certify that I have examined the plan, and that the applicable portions of its plan, relating to wind engineering comply with the 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

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

Mak Disosway P.E.
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386.754.5419
disoswydesign@gmail.com

JCB NUMBER:
171354
S-3
OF 3 SHEETS



331 NW GABLE GLEN
DION TAYLOR
PHONE 366-288-5087

FOOTER 10" X 2'-0"
CONCRETE BLOCK 8" X 16"
9 FEET WALL

FOUNDATION PLAN
GABLE ROOF 5/12 PITCH
OVERHANG 2 FEET

ELECTRICAL PLAN
200 AMP UNDERGROUND SERVICE
GFCI BATHROOMS / KITCHEN
W/P GFCI OUTSIDE HOUSE / GARAGE

