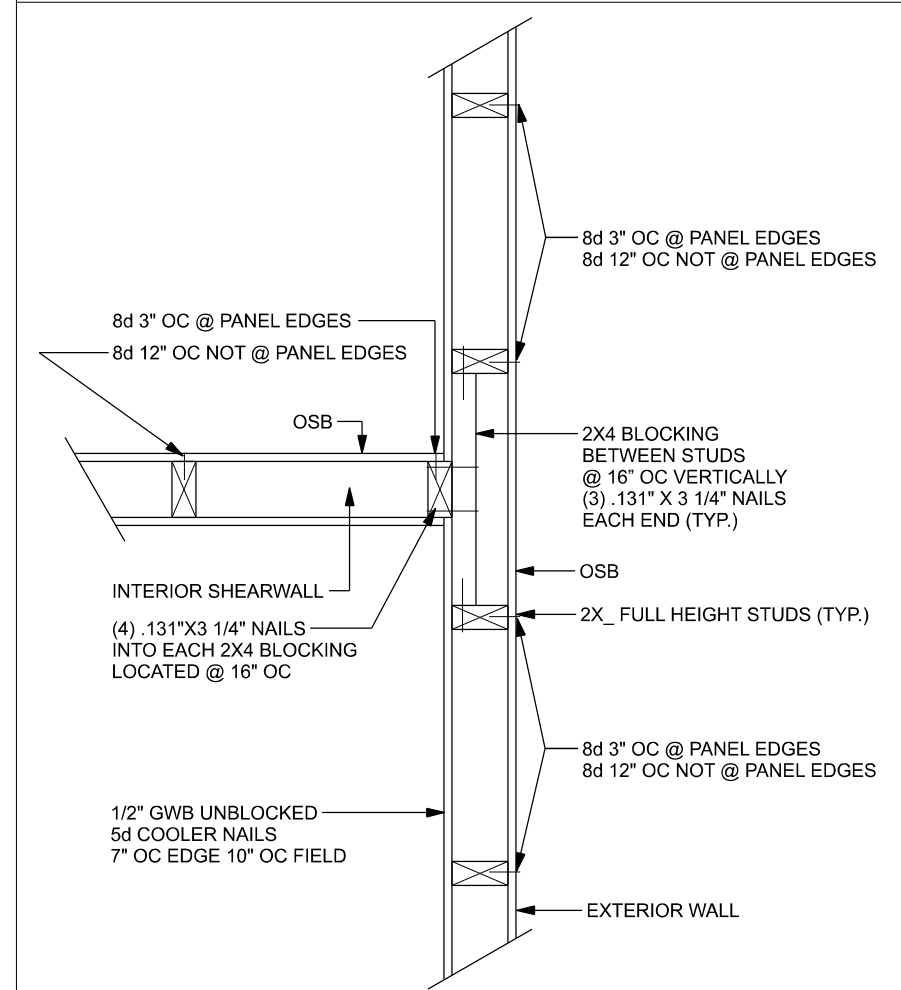
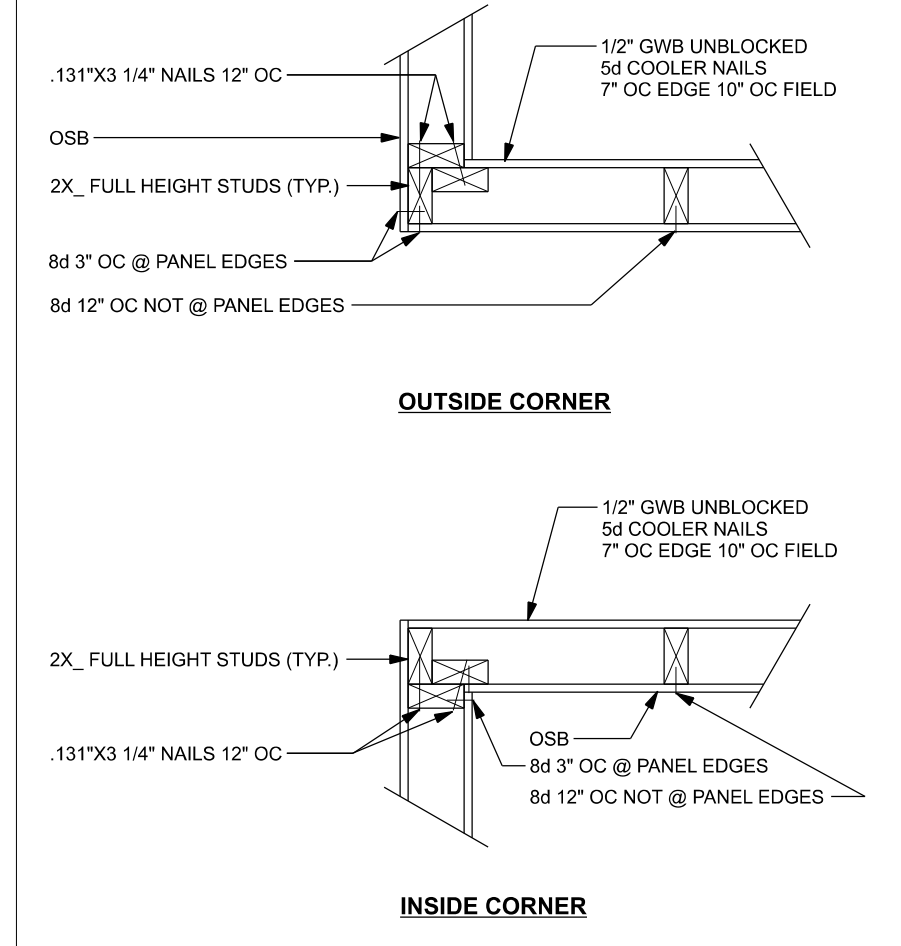


ONE STORY WALL SECTION
SCALE: 3/4" = 1'-0"



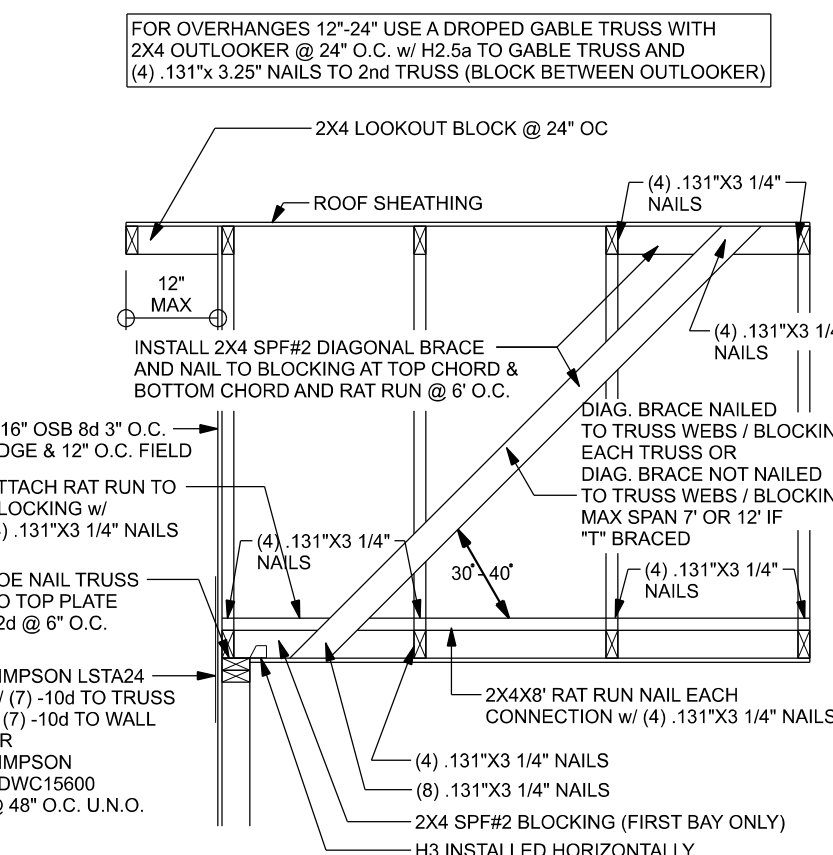
(TYP.) INTERSECTING WALL FRAMING
WOOD FRAME



(TYP.) CORNER FRAMING
WOOD FRAME

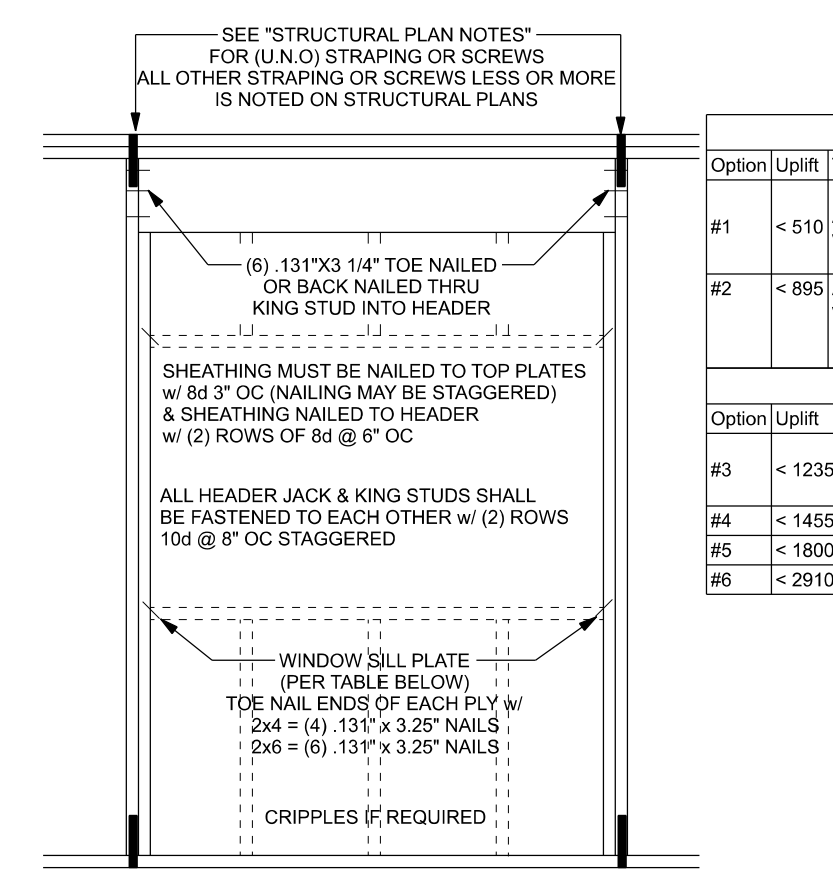
ROOF SHEATHING FASTENING TABLE (RAFTER / TRUSS SG = 0.49)				
Wind Speed	Sheathing Thickness Plywood Or OSB	Required Nail	Nail spacing along panel edges	Nail spacing along intermediate supports in the panel field
120 mph Exp. B	7/16"	ASTM F1667 RRS-01 (2 3/8" x 0.131")	6" oc	12" oc
120 mph Exp. C	7/16"	ASTM F1667 RRS-01 (2 3/8" x 0.131")	6" oc	6" oc
130 mph Exp. B	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131")	6" oc	6" oc
130 mph Exp. C	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131")	6" oc	6" oc
130 mph Exp. D	19/32"	ASTM F1667 RRS-01 (2 3/8" x 0.131")	6" oc	6" oc
140 mph Exp. B	15/32"	ASTM F1667 RRS-01 (2 3/8" x 0.131")	6" oc	6" oc
140 mph Exp. C	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. D	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. B	7/16"	ASTM F1667 RRS-01 (2 3/8" x 0.131")	6" oc	6" oc
140 mph Exp. C	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131")	6" oc	6" oc
140 mph Exp. D	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131")	6" oc	6" oc
150 mph Exp. C	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131")	6" oc	6" oc
150 mph Exp. D	19/32"	ASTM F1667 RRS-03 (2 1/2" x 0.131")	4" oc	4" oc

Note: For sheathing located a minimum of 4 feet from the perimeter edge of the roof, including 4 feet on each side of ridges and hips, nail spacing is permitted to be 8 inches on center along panel edges and 6 inches on center along intermediate supports in the panel field. Note: This table specifies the code minimum thickness of roof sheathing. The thickness of the sheathing may need to be increased based in the type of roofing material being used. See manufacturer Florida product approval.

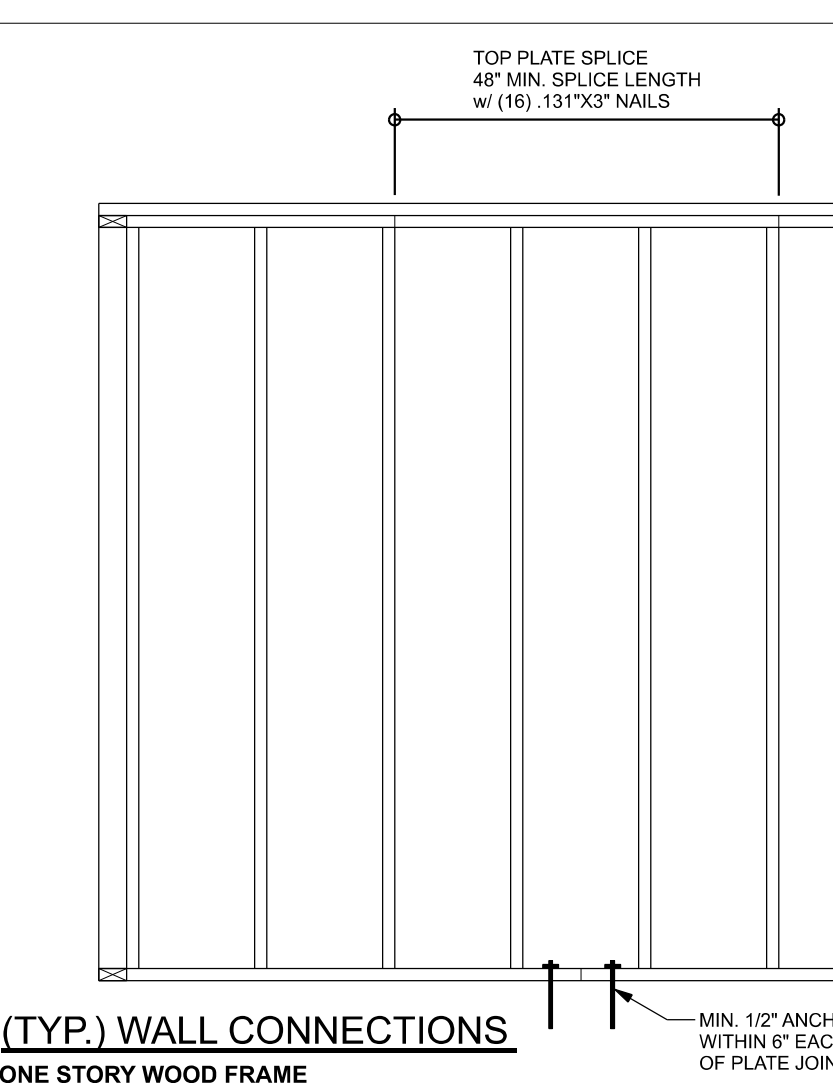


(TYP.) GABLE BRACING DETAIL
WOOD FRAME

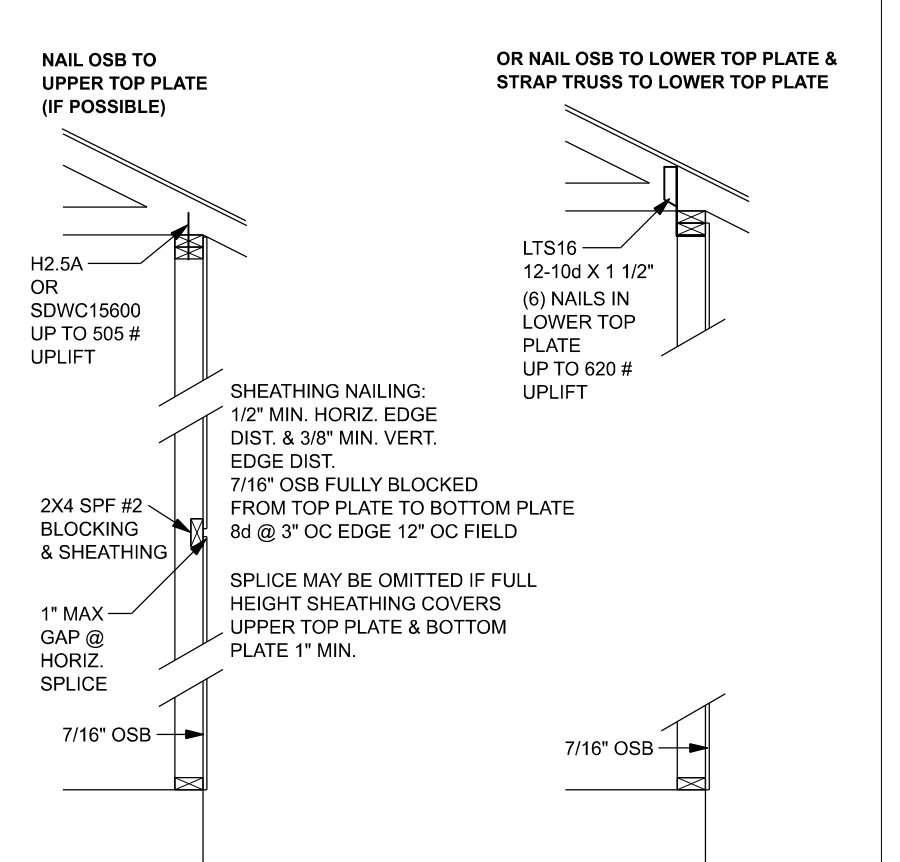
(TYP.) GABLE WALL w/ VAULTED CEILING
WOOD FRAME



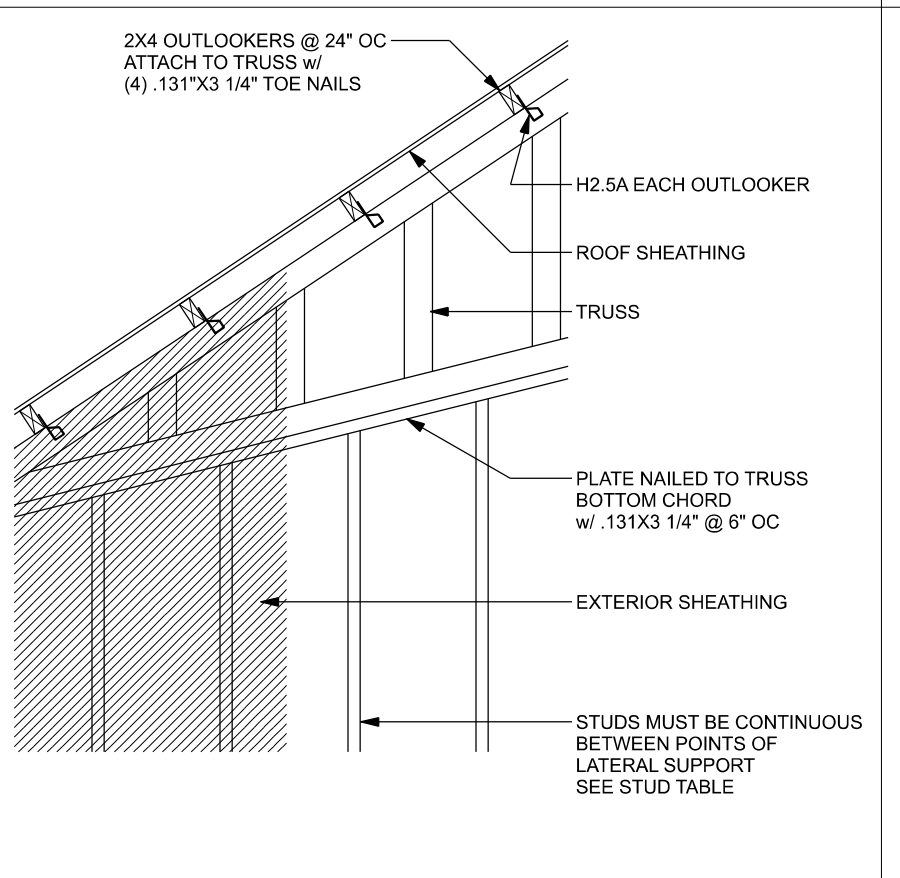
TYPICAL HEADER STRAPPING OR SCREWS DETAIL
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS



(TYP.) WALL CONNECTIONS
ONE STORY WOOD FRAME



SHEATHING FOR UPLIFT ATTACHMENT DETAILS
ONE STORY WOOD FRAME



(TYP.) GABLE BRACING DETAIL
WOOD FRAME

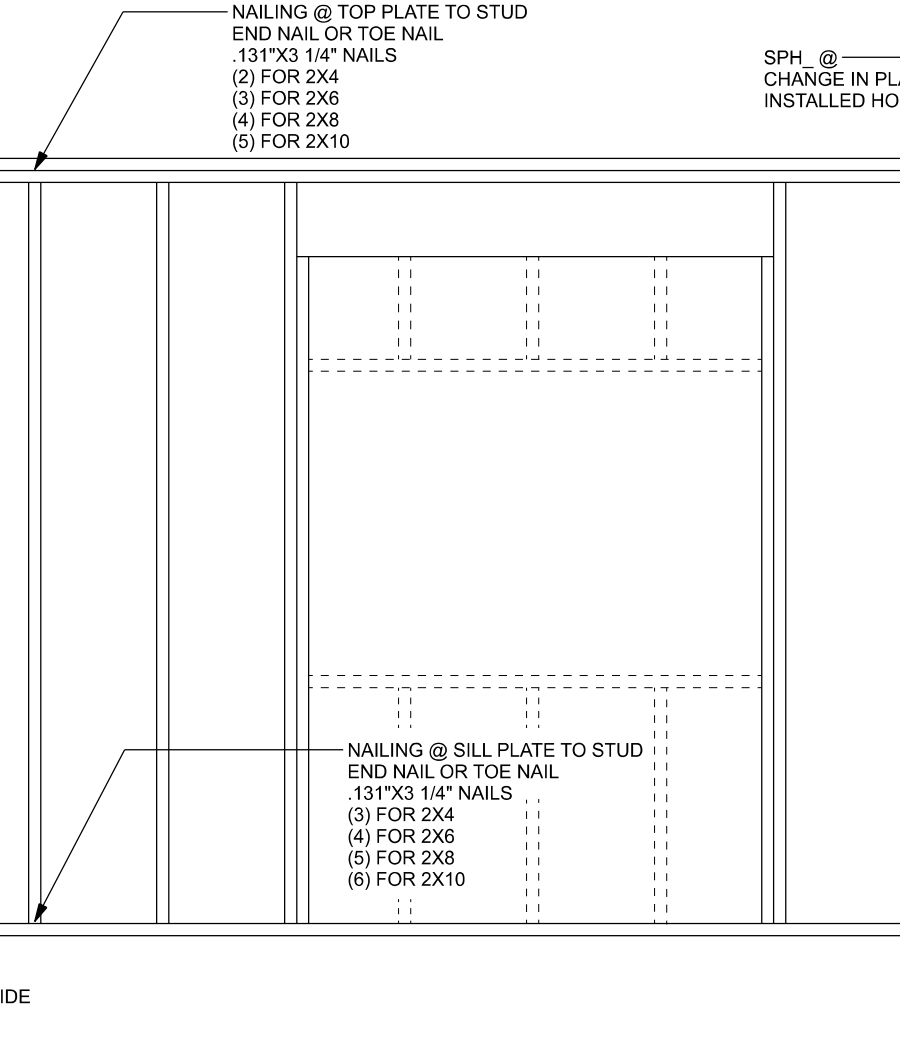
(TYP.) GABLE WALL w/ VAULTED CEILING
WOOD FRAME

HEADER SCREWS TABLE		
Option	Uplift	Top Connection
#1	< 510	Attach king stud to bottom plate w/ (2) Simpson SDWC15450 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
#2	< 895	Attach king stud to top plate w/ (2) Simpson SDWC15600 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

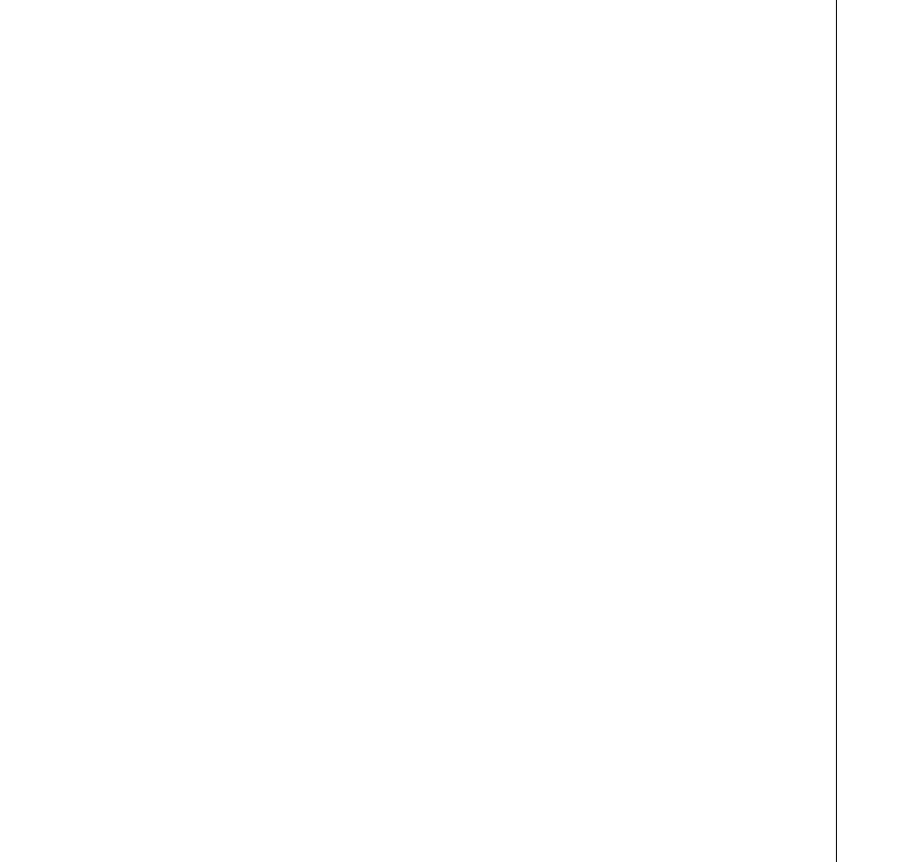
HEADER STRAP TABLE		
Option	Uplift	Top Connection
#3	< 1235	LSTA24, (14), 148" x 1 1/2" wrap over plate 1/2" x 10" Anchor bolt w/ 3" x 3" x 1/4" washer must be located within 6" of king stud @ all door locations
#4	< 1455	MSTA24, 18-, 148"x 1 1/2" header to jacks
#5	< 1800	MSTA24, 18-, 148"x 1 1/2" header to jacks
#6	< 2910	(2) MST424, 18-, 148"x 1 1/2" header to jacks

SILL PLATE SPANS FOR 10'-0" WALL HEIGHT				
DESIGN WIND SPEED	MAX. SPANS FOR SPF #2		BASED ON WFCM NAIL SCS-238	
	(1) 2x4	(2) 2x4	(1) 2x6	(2) 2x6
130 MPH EXP. C	5'-2"	7'-9"	7'-7"	11'-3"

FOR OTHER WALL HEIGHTS (H) SILL PLATE SHALL BE DIVIDED BY (H/10)



(TYP.) GARAGE DOOR BUCK INSTALLATION
WOOD FRAME



(TYP.) GARAGE DOOR BUCK ATTACHMENT
WOOD FRAME



(TYP.) GARAGE DOOR BUCK ATTACHMENT
WOOD FRAME

(TYP.) GARAGE DOOR BUCK INSTALLATION
WOOD FRAME

CONNECTOR TABLE				
Uplift SP / Uplift SPF	Truss Connector	To Plate / To Truss / Rafter		
805	505	SDWC15600	-	-
400	280	H3	4- 131"x1 1/2"	4- 131"x1 1/2"
625	540	H2.5A	5- 131"x1 1/2"	5- 131"x1 1/2"
1040	1015	H10A	9- 148"x1 1/2"	9- 148"x1 1/2"
845	515	LTS12-20	6- 148"x1 1/2"	6- 148"x1 1/2"
990	850	MST12-30	7- 148"x1 1/2"	7- 148"x1 1/2"
1415	1215	HTS20-30	8- 148"x1 1/2"	8- 148"x1 1/2"
1235	1235	LSTA21	8- 148"x1 1/2"	8- 148"x1 1/2"
1640	1460	MSTA24	9- 148"x1 1/2"	9- 148"x1 1/2"
1030	1030	CS20	7- 148"x1 1/2"	7- 148"x1 1/2"
Uplift SP / Uplift SPF	Strap Ties	To One Member	To Other Member	
1235	1235	LSTA21	8- 148"x1 1/2"	8- 148"x1 1/2"
1640	1460	MSTA24	9- 148"x1 1/2"	9- 148"x1 1/2"
1030	1030	CS20	7- 148"x1 1/2"	7- 148"x1 1/2"
Uplift SP / Uplift SPF	Stud Plate Ties	To Stud	To Plate	
555	535	SP1	4- 148"x3"	4- 148"x3"
1010	605	SP2	6- 148"x3"	6- 148"x3"
1280	1100	SP4H8	12- 148"x1 1/2"	wrap under or over plate
771	771	LSTA24	10- 148"x1 1/2"	wrap under or over plate
1235	1235	LSTA24	14- 148"x1 1/2"	wrap under or over plate
Uplift SP / Uplift SPF	Holdowns @ Stemmwall	To Stud / Post	To Stud / Post	Anchor
2145	1835	DTT22	8-SDS 1/4"x1 1/2"	1/2"x12" Titen HD
4235	3640	HTT4	18- 162"x2 1/2"	1/2"x12" Titen HD
Uplift SP / Uplift SPF	Holdowns @ Mono	To Stud / Post	To Stud / Post	Anchor
2145	1835	DTT22	8-SDS 1/4"x1 1/2"	1/2"x12" Titen HD
4235	3640	HTT4	18- 162"x2 1/2"	1/2"x12" Titen HD
Uplift SP / Uplift SPF	Post Bases @ Stemmwall	To Post	To Post	Anchor
1900	ABU44Z	12- 162"x3 1/2"	5/8"x12" Drill & Epoxy	
2475	ABU6Z	12- 162"x3 1/2"	5/8"x12" Drill & Epoxy	
Uplift SP / Uplift SPF	Post Bases @ Mono	To Post	To Post	Anchor
1900	ABU44Z	12- 162"x3 1/2"	5/8"x7" Drill & Epoxy	
2475	ABU6Z	12- 162"x3 1/2"	5/8"x7" Drill & Epoxy	

EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS:

THIS STUD HEIGHT TABLE IS PER 2012 WFCM, TABLE 3.20B5, EXTERIOR LOAD BEARING & NON LOAD BEARING STUD LENGTHS FOR WALLS WITH OSB EXTERIOR AND 1/2" GYP INTERIOR RESISTING INTERIOR ZONE WINDLOADS, 130 MPH, EXPOSURE C, STUD DEFLECTION LIMIT H/240 (NOT OK FOR BRITTLE FINISH). STUD SPACINGS SHALL BE MULTIPLIED BY 0.8 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. (END ZONE EXAMPLE 16" O.C. x 0.8 = 12.8" O.C.)

GRADE & SPECIES TABLE			
		Fb	E
2x8	SP #2	925	1.4
2x10	SP #2	800	1.4
2x12	SP #2	750	1.4
GLB	24F-V3 SP	2600	1.9
LSL	TIMBERSTRAND	1700	1.7
LVL	MICROLAM	2950	2.0
PSL	PARALAM	2900	2.0

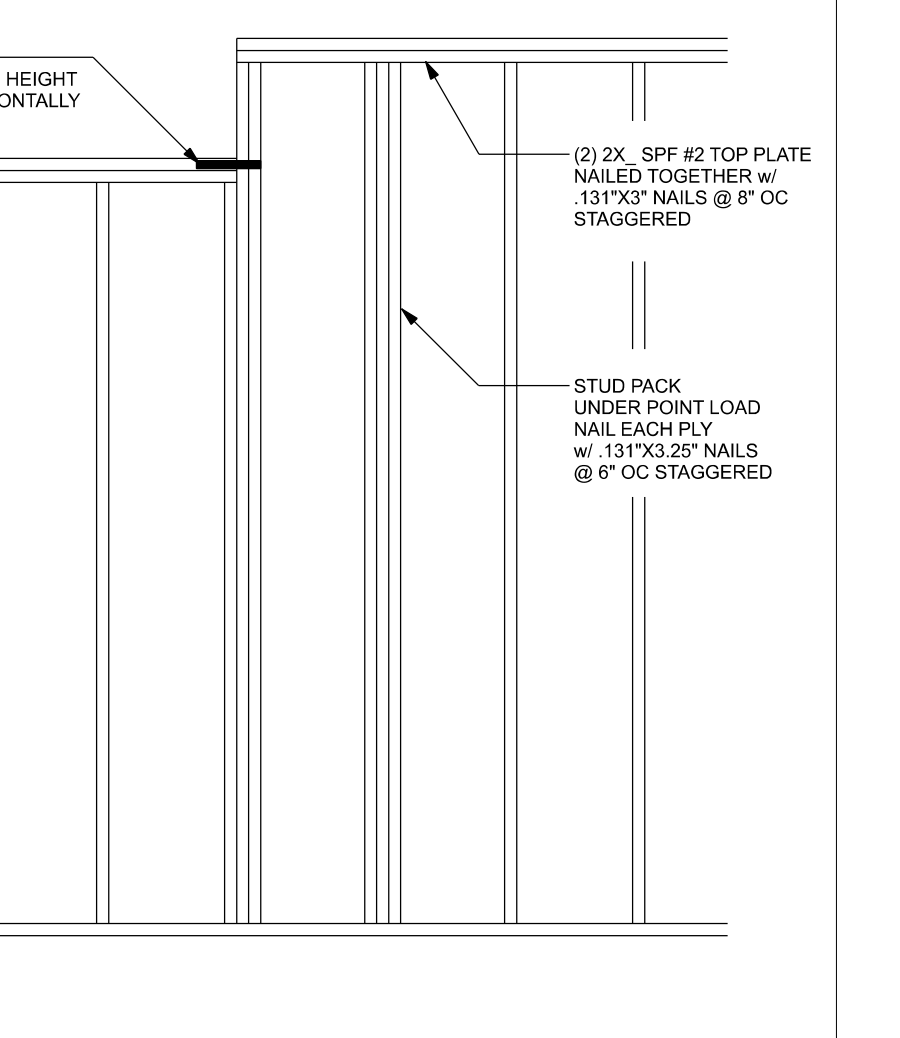
EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS:

THIS STUD HEIGHT TABLE IS PER 2012 WFCM, TABLE 3.20B5, EXTERIOR LOAD BEARING & NON LOAD BEARING STUD LENGTHS FOR WALLS WITH OSB EXTERIOR AND 1/2" GYP INTERIOR RESISTING INTERIOR ZONE WINDLOADS, 130 MPH, EXPOSURE C, STUD DEFLECTION LIMIT H/240 (NOT OK FOR BRITTLE FINISH). STUD SPACINGS SHALL BE MULTIPLIED BY 0.8 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. (END ZONE EXAMPLE 16" O.C. x 0.8 = 12.8" O.C.)

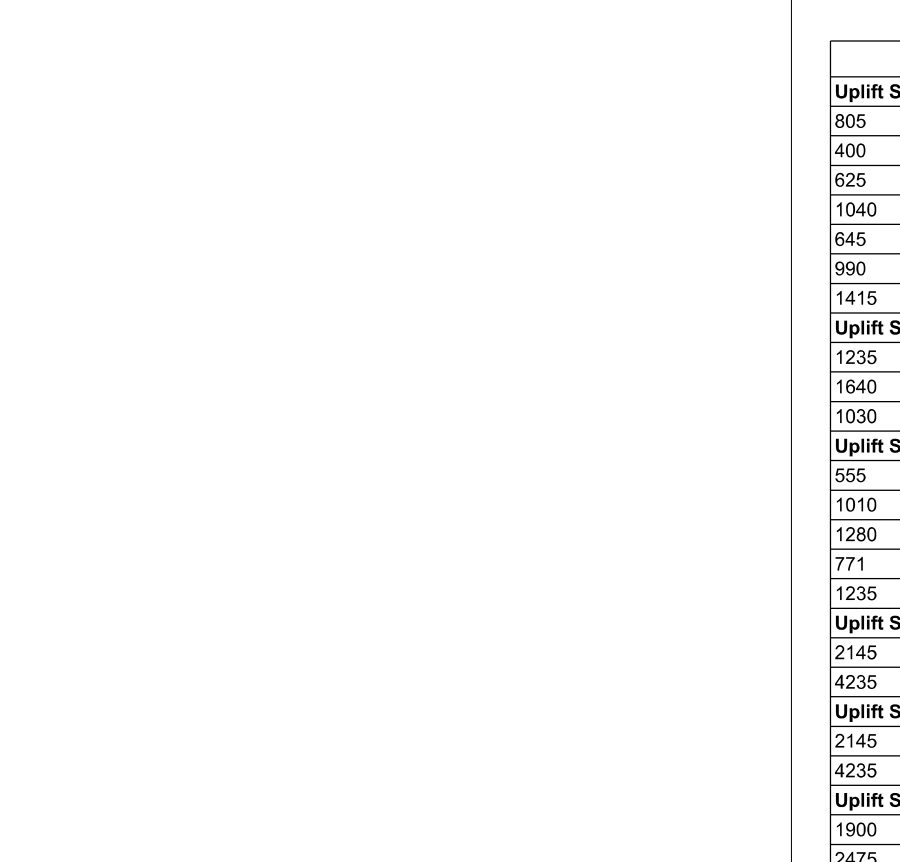
GRADE & SPECIES TABLE			
		Fb	E
2x8	SP #2	925	1.4
2x10	SP #2	800	1.4
2x12	SP #2	750	1.4
GLB	24F-V3 SP	2600	1.9
LSL	TIMBERSTRAND	1700	1.7
LVL	MICROLAM	2950	2.0
PSL	PARALAM	2900	2.0

SILL PLATE SPANS FOR 10'-0" WALL HEIGHT				
DESIGN WIND SPEED	MAX. SPANS FOR SPF #2		BASED ON WFCM NAIL SCS-238	
	(1) 2x4	(2) 2x4	(1) 2x6	(2) 2x6
130 MPH EXP. C	5'-2"	7'-9"	7'-7"	11'-3"

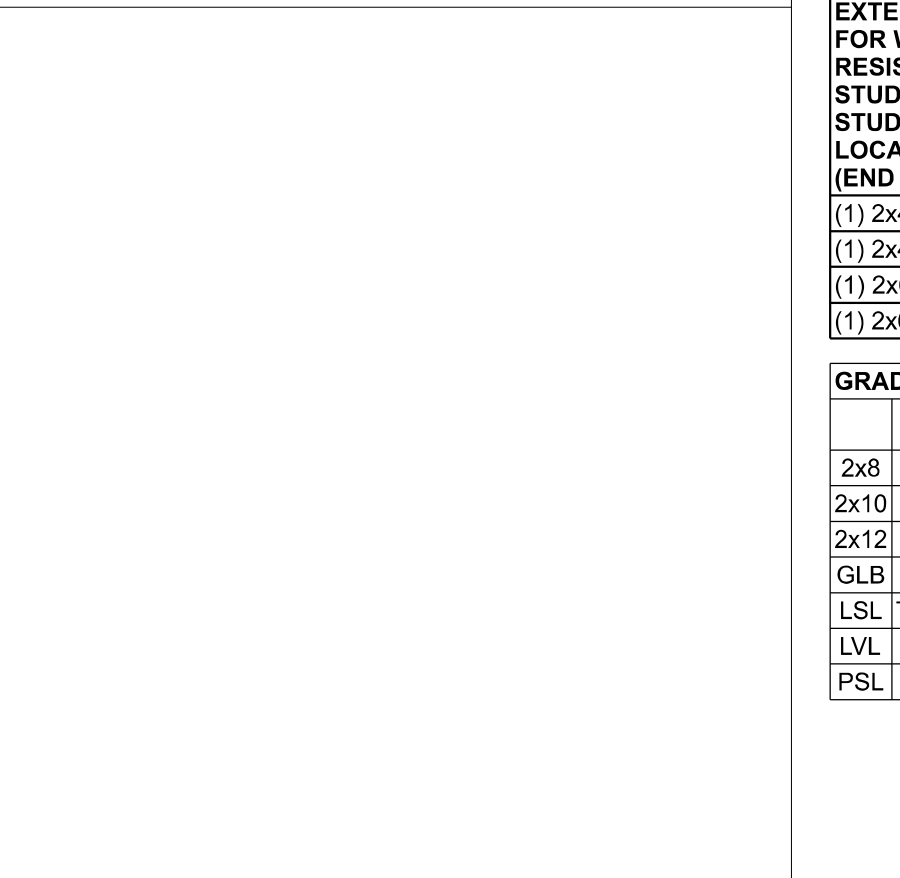
FOR OTHER WALL HEIGHTS (H) SILL PLATE SHALL BE DIVIDED BY (H/10)



(TYP.) GARAGE DOOR BUCK INSTALLATION
WOOD FRAME



(TYP.) GARAGE DOOR BUCK ATTACHMENT
WOOD FRAME



(TYP.) GARAGE DOOR BUCK ATTACHMENT
WOOD FRAME

(TYP.) GARAGE DOOR BUCK INSTALLATION
WOOD FRAME

CONNECTOR TABLE				
Uplift SP / Uplift SPF	Truss Connector	To Plate / To Truss / Rafter		
805	505	SDWC15600	-	-
400	280	H3	4- 131"x1 1/2"	4- 131"x1 1/2"
625	540	H2.5A	5- 131"x1 1/2"	5- 131"x1 1/2"
1040	1015	H10A	9- 148"x1 1/2"	9- 148"x1 1/2"
845	515	LTS12-20	6- 148"x1 1/2"	6- 148"x1 1/2"
990	850	MST12-30	7- 148"x1 1/2"	7- 148"x1 1/2"
1415	1215	HTS20-30	8- 148"x1 1/2"	8- 148"x1 1/2"
1235	1235	LSTA21	8- 148"x1 1/2"	8- 148"x1 1/2"
1640	1460	MSTA24	9- 148"x1 1/2"	9- 148"x1 1/2"
1030	1030	CS20	7- 148"x1 1/2"	7- 148"x1 1/2"
Uplift SP / Uplift SPF	Strap Ties	To One Member	To Other Member	
1235	1235	LSTA21	8- 148"x1 1/2"	8- 148"x1 1/2"
1640	1460	MSTA24	9- 148"x1 1/2"	9- 148"x1 1/2"
1030	1030	CS20	7- 148"x1 1/2"	7- 148"x1 1/2"
Uplift SP / Uplift SPF	Stud Plate Ties	To Stud	To Plate	
555	535	SP1	4- 148"x3"	4- 148"x3"
1010	605	SP2	6- 148"x3"	6- 148"x3"
1280	1100	SP4H8	12- 148"x1 1/2"	wrap under or over plate
771	771	LSTA24	10- 148"x1 1/2"	wrap under or over plate
1235	1235	LSTA24	14- 148"x1 1/2"	wrap under or over plate
Uplift SP / Uplift SPF	Holdowns @ Stemmwall	To Stud / Post	To Stud / Post	Anchor
2145	1835	DTT22	8-SDS 1/4"x1 1/2"	1/2"x12" Titen HD
4235	3640	HTT4	18- 162"x2 1/2"	1/2"x12" Titen HD
Uplift SP / Uplift SPF	Holdowns @ Mono	To Stud / Post	To Stud / Post	Anchor
2145	1835	DTT22	8-SDS 1/4"x1 1/2"	1/2"x12" Titen HD
4235	3640	HTT4	18- 162"x2 1/2"	1/2"x12" Titen HD
Uplift SP / Uplift SPF	Post Bases @ Stemmwall	To Post	To Post	Anchor
1900	ABU44Z	12- 162"x3 1/2"	5/8"x12" Drill & Epoxy	
2475	ABU6Z	12- 162"x3 1/2"	5/8"x12" Drill & Epoxy	
Uplift SP / Uplift SPF	Post Bases @ Mono	To Post	To Post	Anchor
1900	ABU44Z	12- 162"x3 1/2"	5/8"x7" Drill & Epoxy	
2475	ABU6Z	12- 162"x3 1/2"	5/8"x7" Drill & Epoxy	

EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS:

THIS STUD HEIGHT TABLE IS PER 2012 WFCM, TABLE 3.20B5, EXTERIOR LOAD BEARING & NON LOAD BEARING STUD LENGTHS FOR WALLS WITH OSB EXTERIOR AND 1/2" GYP INTERIOR RESISTING INTERIOR ZONE WINDLOADS, 130 MPH, EXPOSURE C, STUD DEFLECTION LIMIT H/240 (NOT OK FOR BRITTLE FINISH). STUD SPACINGS SHALL BE MULTIPLIED BY 0.8 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. (END ZONE EXAMPLE 16" O.C. x 0.8 = 12.8" O.C.)

GRADE & SPECIES TABLE			
		Fb	E
2x8	SP #2	925	1.4
2x10	SP #2	800	1.4
2x12	SP #2	750	1.4
GLB	24F-V3 SP	2600	1.9
LSL	TIMBERSTRAND	1700	1.7
LVL	MICROLAM	2950	2.0
PSL	PARALAM	2900	2.0

EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS:

THIS STUD HEIGHT TABLE IS PER 2012 WFCM, TABLE 3.20B5, EXTERIOR LOAD BEARING & NON LOAD BEARING STUD LENGTHS FOR WALLS WITH OSB EXTERIOR AND 1/2" GYP INTERIOR RESISTING INTERIOR ZONE WINDLOADS, 130 MPH, EXPOSURE C, STUD DEFLECTION LIMIT H/240 (NOT OK FOR BRITTLE FINISH). STUD SPACINGS SHALL BE MULTIPLIED BY 0.8 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. (END ZONE EXAMPLE 16" O.C. x 0.8 = 12.8" O.C.)

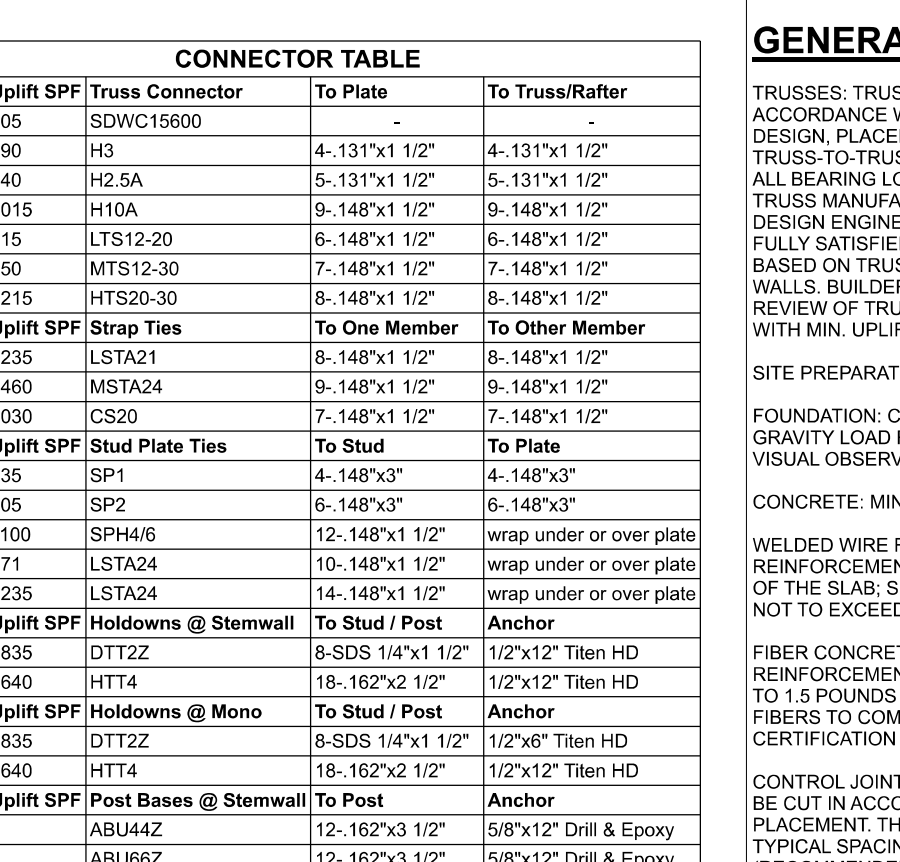
GRADE & SPECIES TABLE			
		Fb	E
2x8	SP #2	925	1.4
2x10	SP #2	800	1.4
2x12	SP #2	750	1.4
GLB	24F-V3 SP	2600	1.9
LSL	TIMBERSTRAND	1700	1.7
LVL	MICROLAM	2950	2.0
PSL	PARALAM	2900	2.0

SILL PLATE SPANS FOR 10'-0" WALL HEIGHT				
DESIGN WIND SPEED	MAX. SPANS FOR SPF #2		BASED ON WFCM NAIL SCS-238	
	(1) 2x4	(2) 2x4	(1) 2x6	(2) 2x6
130 MPH EXP. C	5'-2"	7'-9"	7'-7"	11'-3"

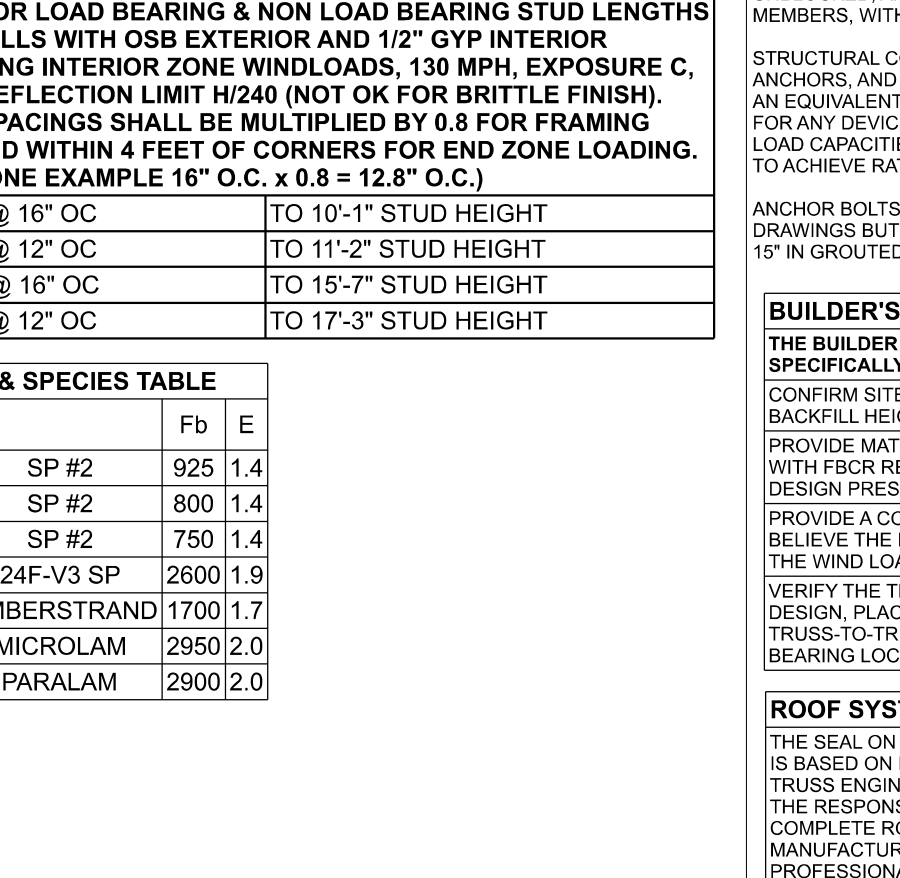
FOR OTHER WALL HEIGHTS (H) SILL PLATE SHALL BE DIVIDED BY (H/10)



(TYP.) GARAGE DOOR BUCK INSTALLATION
WOOD FRAME



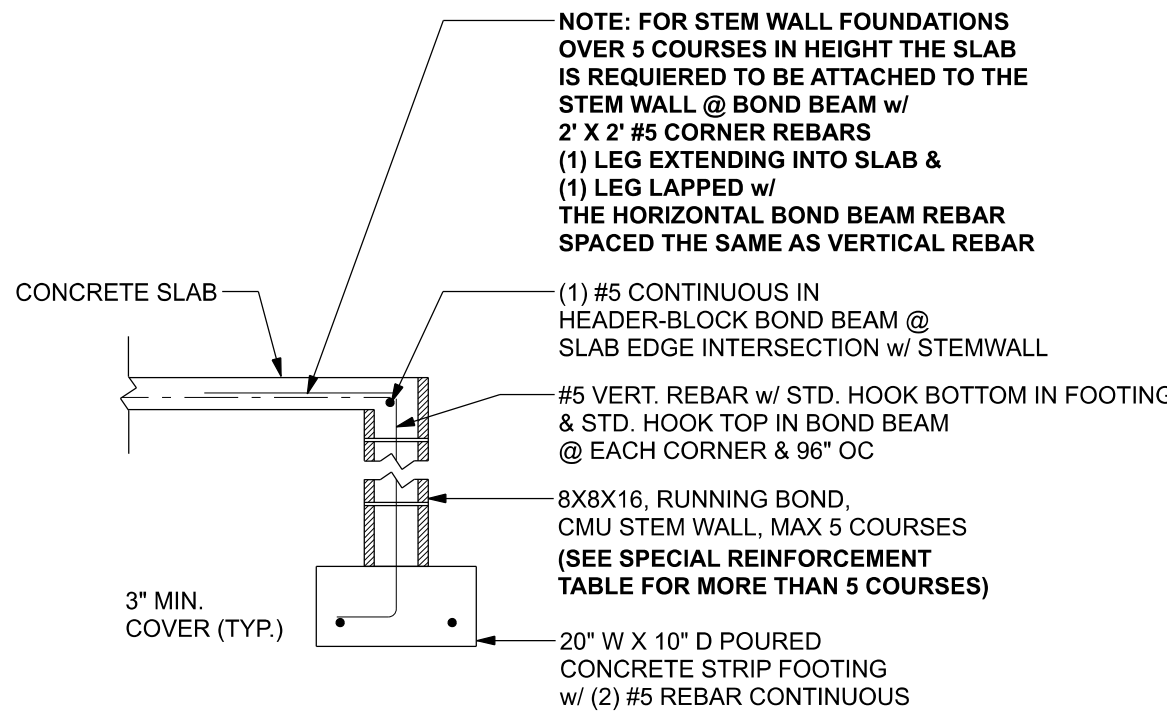
(TYP.) GARAGE DOOR BUCK ATTACHMENT
WOOD FRAME



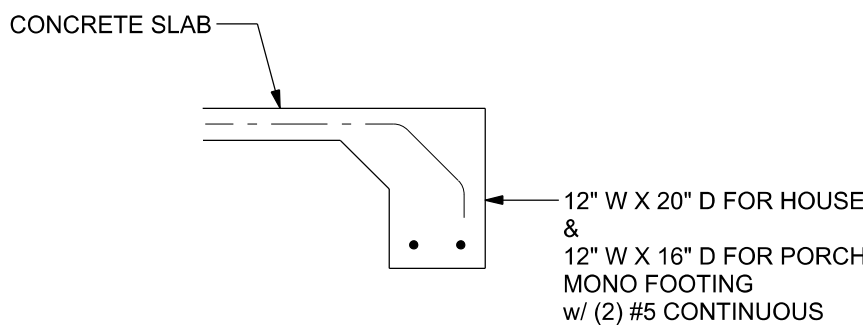
(TYP.) GARAGE DOOR BUCK ATTACHMENT
WOOD FRAME

(TYP.) GARAGE DOOR BUCK INSTALLATION
WOOD FRAME

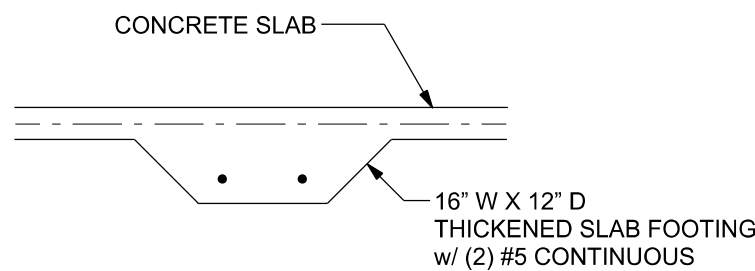
CONNECTOR TABLE				
Uplift SP / Uplift SPF	Truss Connector	To Plate / To Truss / Rafter		
805	505	SDWC15600	-	-
400	280	H3	4- 131"x1 1/2"	4- 131"x1 1/2"
625	540	H2.5A	5- 131"x1 1/2"	5- 131"x1 1/2"
1040	1015	H10A	9- 148"x1 1/2"	9- 148"x1 1/2"
845	515	LTS12-20	6- 148"x1 1/2"	6- 148"x1 1/2"
990	850	MST12-30	7- 148"x1 1/2"	7- 148"x1 1/2"
1415	1215	HTS20-30	8- 148"x1 1/2"	8- 148"x1 1/2"
1235	1235	LSTA21	8- 148"x1 1/2"	8- 148"x1 1/2"
1640	1460	MSTA24	9- 148"x1 1/2"	9- 148"x1 1/2"
1030	1030	CS20	7- 148"x1 1/2"	7- 148"x1 1/2"
Uplift SP / Uplift SPF	Strap Ties	To One Member	To Other Member	
1235	1235	LSTA21	8- 148"x1 1/2"	8- 148"x1 1/2"
1640	1460	MSTA24	9- 148"x1 1/2"	9- 148"x1 1/2"
1030	1030	CS20	7- 148"x1 1/2"	7- 148"x1 1/2"



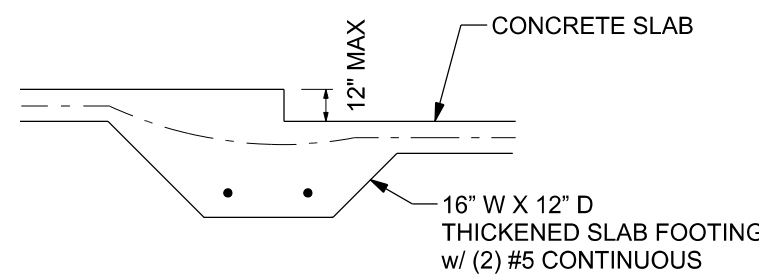
F1 S-2 OPTIONAL STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



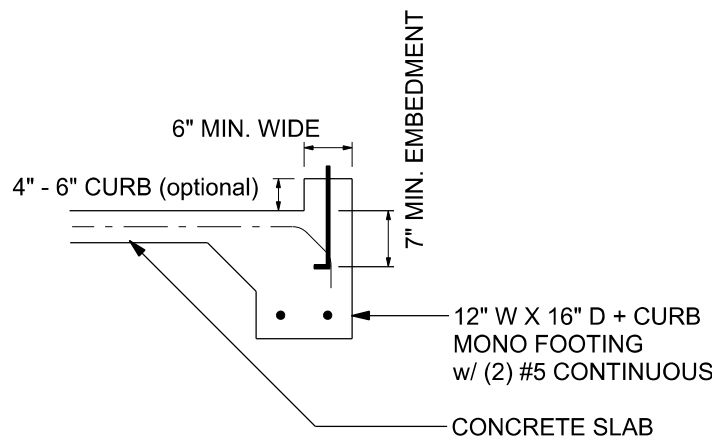
F1 S-2 MONOLITHIC FOOTING
SCALE: 1/2" = 1'-0"



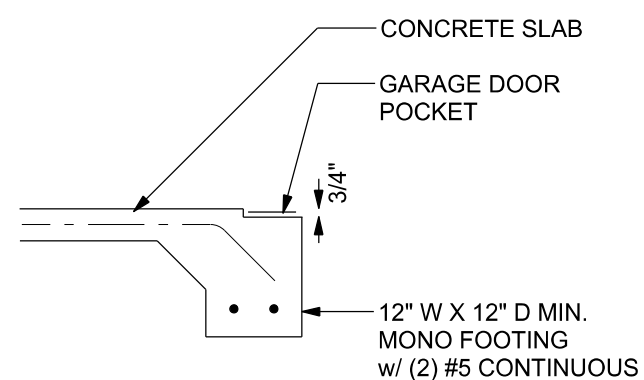
F2 S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



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



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

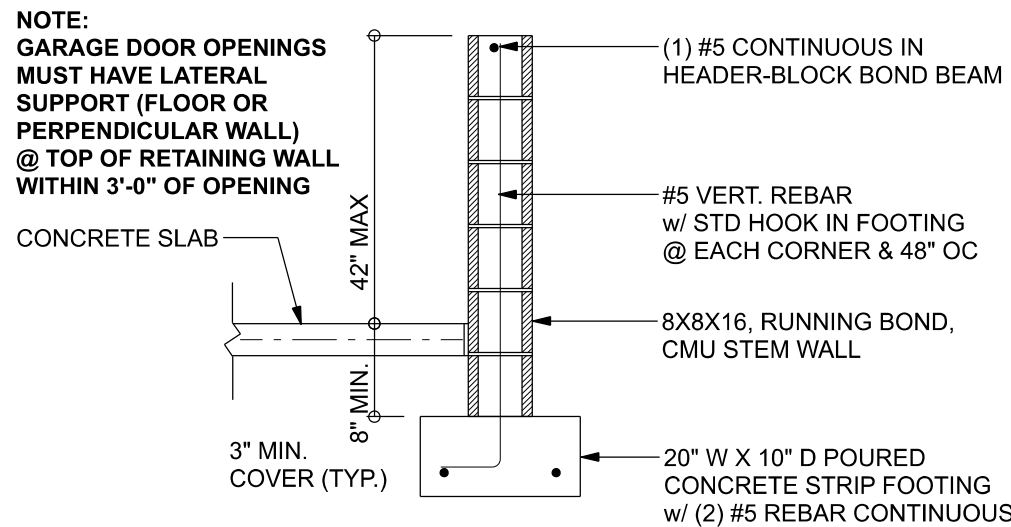


F5 S-2 GARAGE DOOR POCKET FOOTING
SCALE: 1/2" = 1'-0"

TALL STEM WALL TABLE:							
This 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 Durowall 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.							
STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEMWALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (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

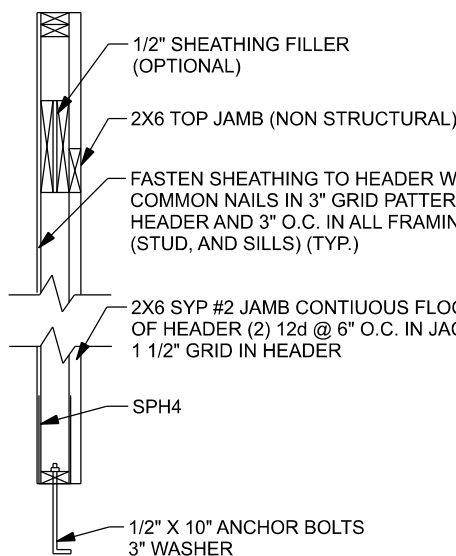
MASONRY NOTE: MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TMS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THESE DESIGN 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"x16" running bond and 12"x12" or 16"x16" column block
2.3 Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5.5"x2.75"x11.5"
2.4 Reinforcing bars, #3 - #11	ASTM 615, Grade 40, F _y = 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 GR60, 0.60 oz/lb or 304SS
2.4F Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or wire ties, 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

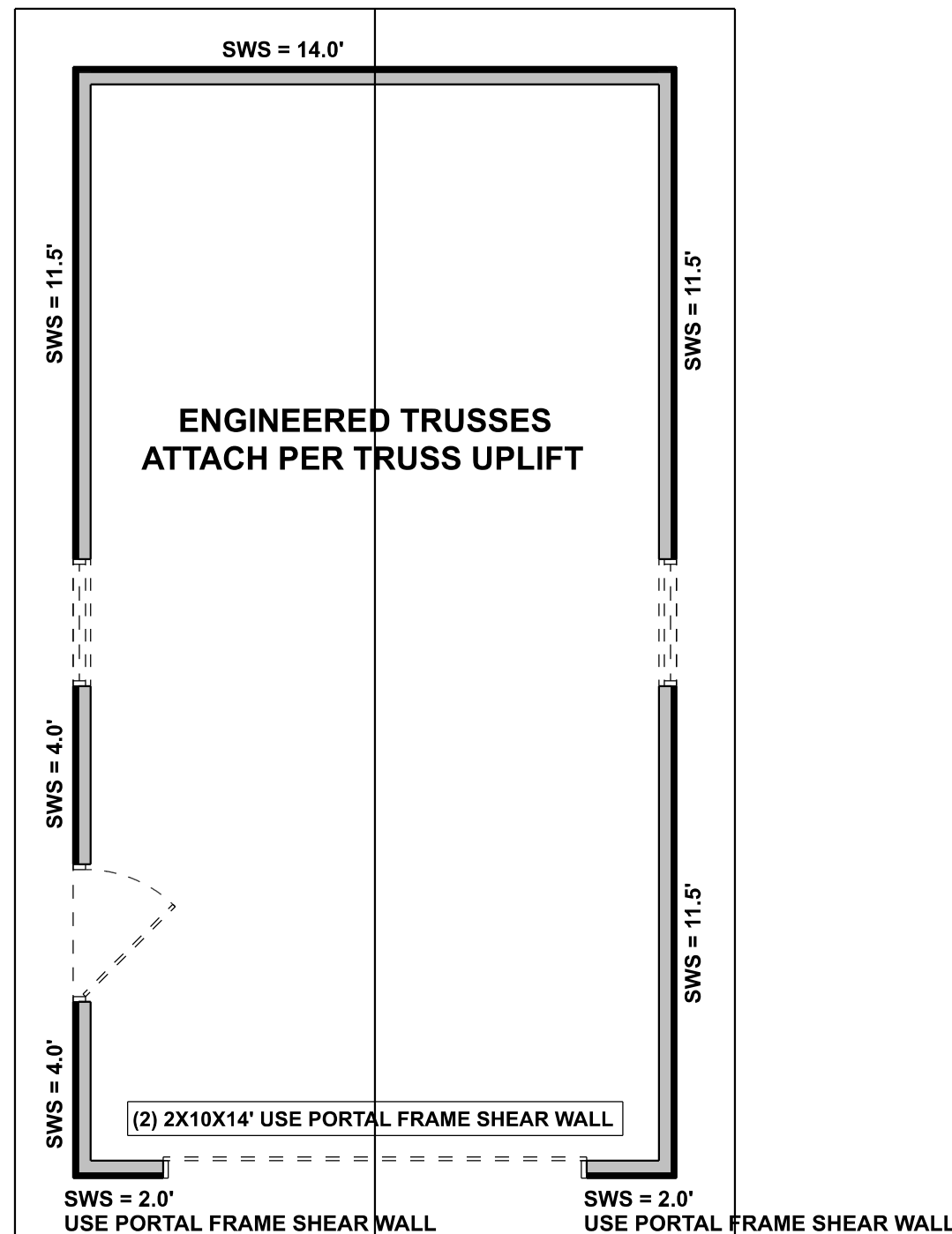
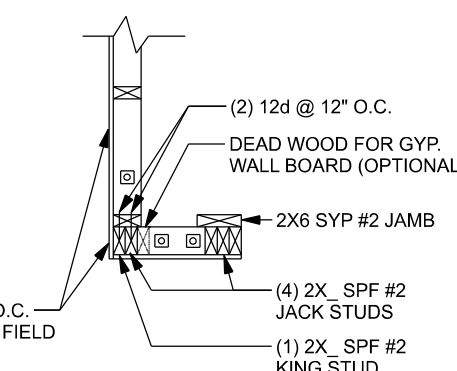
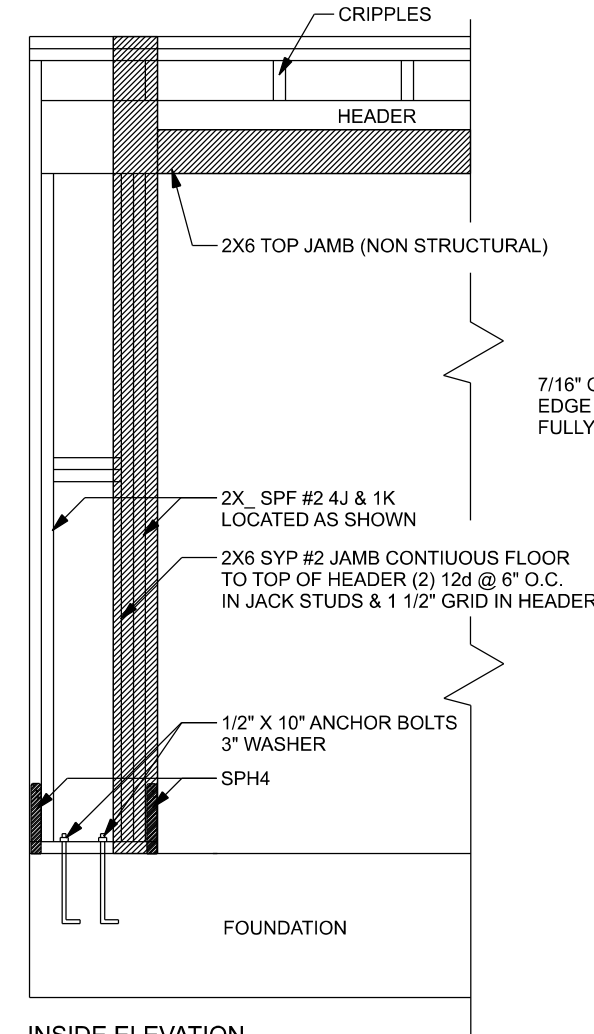
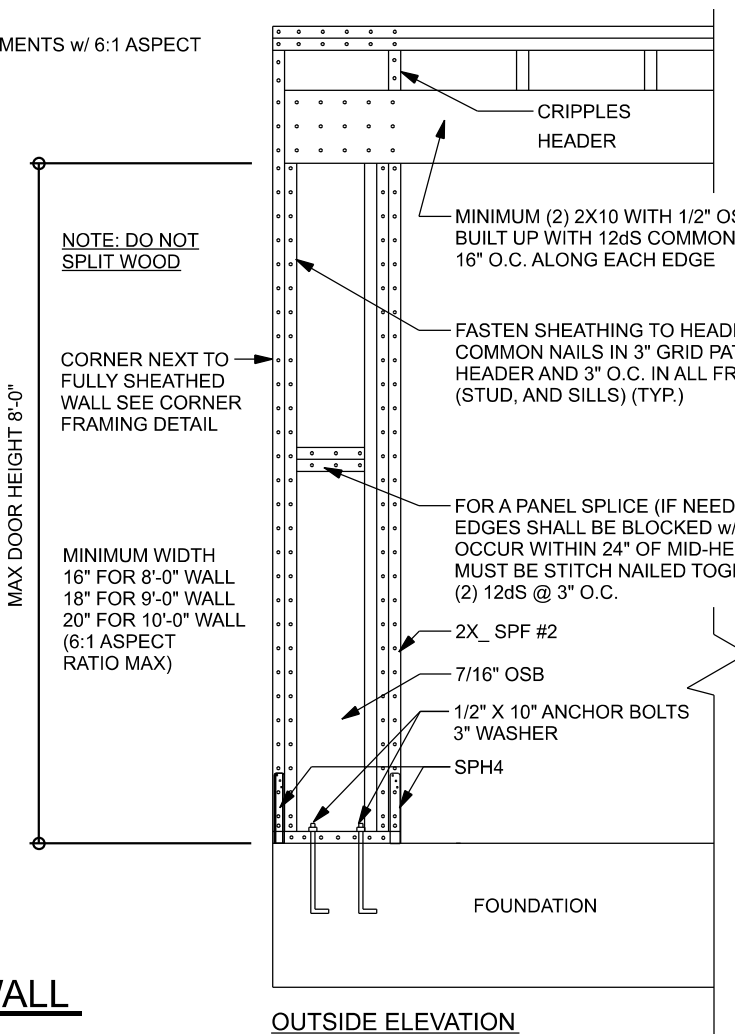


F4 S-2 OPTIONAL STEM WALL CURB FOOTING
SCALE: 1/2" = 1'-0"

NOTE: THIS PORTAL FRAME IS DESIGNED FOR NARROW WALL SEGMENTS w/ 6:1 ASPECT RATIO MAX SUCH AS BESIDE FRONT LOAD GARAGE DOORS



(TYP.) PORTAL FRAME SHEARWALL
ONE STORY WOOD FRAME



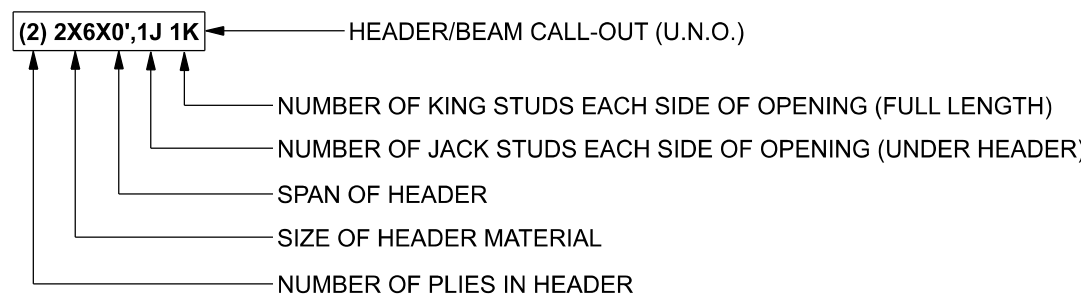
STRUCTURAL PLAN
SCALE: 1/4" = 1'-0"

STRUCTURAL PLAN NOTES

- SN-1 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BC511-03, BC51-B1, BC51-B2, & BC51-B3. BC51-B1, BC51-B2, & BC51-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE
- SN-2

UNLESS NOTED OTHERWISE (MINIMUM REQUIERMENTS) ***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

HEADER LEGEND



ACTUAL vs REQUIRED SHEARWALL		
	TRANSVERSE	LONGITUDINAL
ACTUAL	7200 LBF	10200 LBF
REQUIRED	4602 LBF	2039 LBF

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, RECESSES 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 NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN
FN - 3	THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED w/ (6X6-141.4 WELDED WIRE MESH PLACED ON CHAIRS @ 1 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER w/ 8" LAPS SEALED w/ POLY TAPE OVER TERMITE-TREATED & COMPACTED FILL (ALSO, ANY OTHER CODE APPROVED TERMITE-TREATMENT METHOD CAN BE USED INSTEAD)

Blake Construction

Block Garage

PROJECT ADDRESS: 669 NW COUNTRY LAKE DR, LAKE CITY 32055

FL PE 53915

This item has been digitally signed and sealed by Mark Disosway, P.E. on digital signature date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

C=US, O=Florida, dnQualifier=A01410C0000017E97DE07CA000746F0, CN=Mark d Disosway
2023-12-13 11:12/16/2023

DIMENSIONS: 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 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.
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Lake City, Florida 32025
386.754.5419
disoswaydesign@gmail.com

JOB NUMBER:
231476

S-2
OF 2 SHEETS