

**INSIDE CORNER DETAIL** 

METHOD:	W.S.P.	CONNECTION CRITERIA					
MATERIAL	WOOD STRUCTURAL PANEL	MINIMUM NAIL		NOMINAL PANEL	MAX. WALL	PANEL NAIL SPACING	
		SIZE	PEN. (in.)	THICKNESS	STUD SPACING (in.)	EDGES	ELSEWHERE
MINIMUM THICKNESS	3/8"	6D COMMON (2" x 0.113")	1.5	3/8"	16	(in. O.C.)	(in. O.C.)
						6	12
OPTIONAL	7/16"	8D COMMON (2.5" x 0.131")	1.5	7/16"	16	6	12
					24	6	12
METHOD: L.I.B.	LET IN BRACING	WOOD: 2-8d PER STUD INCL TOP & BOTTOM		METAL: PER MANUFACTURER OR 1x4 (45 DEG. OR 60 DEG. @ 16" O.C.)			
METHOD: G.B.	1/2" GYP. BD. BRACING	1 1/2" GALV. ROOFING NAIL OR STAPLE GALV. OR 1 1/4" SCREWS TYPE (W) OR (S) @ 7" O.C. TO ALL STUDS					

	EXTENT OF HEADER (TWO BRACED WALL SEGMENTS)		
	EXTENT OF HEADER (ONE BRACED WALL SEGMENT)		
MIN. 3" X 11 1/4" NET HEADER  FASTEN SHEATHING TO HEADER WITH 8d COMMON NAILS IN 3" GRID PATTERN AS SHOWN AND 3" O.C. IN ALL FRAMING (STUDS AND SILLS) (TYP.)  1000 LB. HEADER-TO-JACK-STUD STRAP ON BOTH SIDES OF OPENING (TYP.)(INSTALL ON BACKSIDE AS SHOWN ON SIDE ELEVATION, REF. NO. LSTA24)  MIN. (2) 2" X 4" (TYP.)			MIN. 1,000 LB STRAP  -SHEATHING FILLER IF NEEDED  -16d SINKER NAILS IN 2 ROWS @ 3" O.C1000 LB. HEADER-TO-JACK-STUD STRAP ON BOTH SIDES OF OPENING (REF. NO. LSTA24)  WALL BRACING EXTERIOR WALL BRACING FOR WALLS ALTERNATE BRACED WALL PANEL TO REPLACE EACH 4'-0" OF BRACED WALL PANEL TO RESIST LATERAL FORCES, PER SECTION
IF PANEL SPLICE IS NEEDED IT SHALL OCCUR WITHIN 24" OF MID-HEIGHT. BLOCKING REQUIRED. NAIL W/ (3) 16D SINKERS NO. OF JACK STUDS PER TABLE R502.5(1&2)— MIN. 2"X2"X3/16" PLATE WASHER—	BRACED WALL SEGMENT PER R602.10.5	10-0" TOP OF HEADER MAX. HT.  12'-0" MAX TOTAL WALL HT.	R602.10.1. USE STRUCTURAL WALL PANEL SHEATHING OF 1/2" O.S.B. ON STUDS @ MAX. OF 16" O.C. AND SHALL HAVE A NAILING PATTERN OF 8D NAILS @ 3" O.C. AT ALL PANEL EDGES AND 8D NAILS @ 3" O.C. ON ALL OTHER FRAMING MEMBERS. THESE WALLS ALSO REQUIRE MIN. OF 1 ANCHOR BOLT OR STRAPS EMBEDDED INTO THE MASONRY BLOCK OR FOOTING A MIN. OF 7" AND 12" FROM ALL CORNERS. PROVIDE 2 HOLD DOWNS INSTALLED PER MANUFACTURES SPEC'S.  7/16" MIN. THICKNESS WOOD STRUCTURAL PANEL SHEATHING. MUST BE CONTINUOUS FROM TOP OF WALL,
ANCHOR BOLT PER R403.1.6			OR FROM TOP OF WALL TO PERMITTED SPLICE
(TYP.)			AREA
FOUNDATION PER CODE (TYP.)			
. 2 2			

ONLY FOR USE ON HOMES WITH FULLY SHEATHED PLYWOOD OR OSB EXTERIOR

MIN. LENGTH BASED ON 6:1 HEIGHT TO LENGTH RATIO:

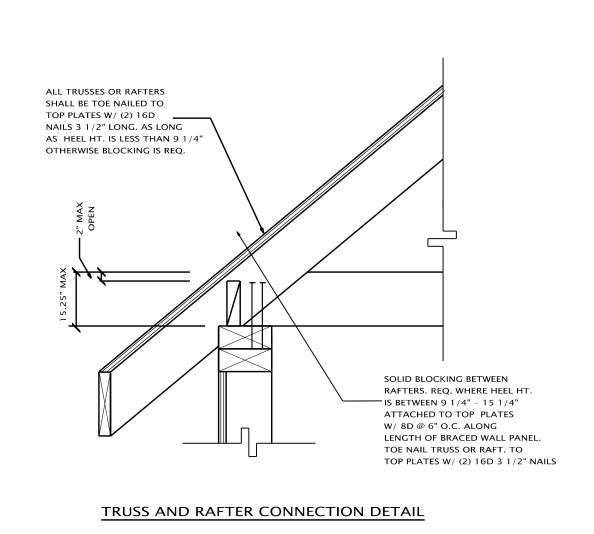
METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION

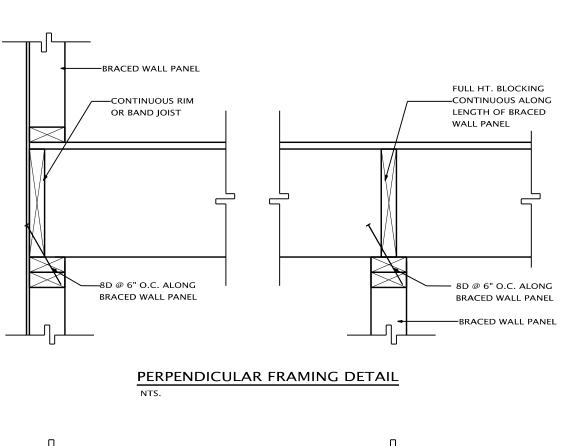
SIDE ELEVATION

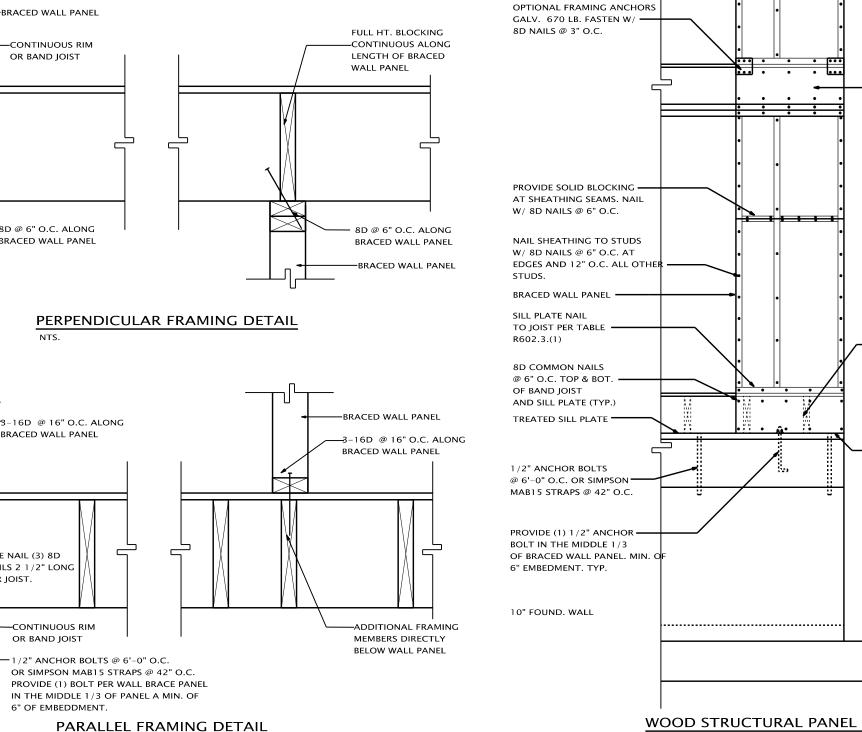
OVERLAP OPTION

	NAILING PATTERN FOR INTERIOR GYP. BD. BRACED WALL PANEL FOR LET IN BRACIN METHOD (SEE GB TABLE 602.10.2)
NAILS OR S	DARD ON INTERIOR SIDE OF LET IN BRACING. CREWS @ 7" SPACING AT PANEL EDGES INCLUDING TOP AND LATES AND ALL INTERMEDIATE POINTS.
1/2" GYP.	1 1/2" GALV. ROOFING NAIL OR STAPLE GALV. OR 1 1/4" SCREWS TYPE (W) OR (S)
5/8" GYP.	1 3/4" GALV. ROOFING NAIL OR STAPLE GALV. OR 1 5/8" SCREWS TYPE (W) OR (S)

BRACED WALL LINE MARK	1	2	3	A	B	(
METHOD	WSP	WSP & LIB	WSP	WSP	LIB, GB	WS
BRACED WALL LINE SPACING	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'
ADJUSTMENT FACTORS	1.30 0.95	1.30 0.95	1.30 0.95	1.30 0.95	1.30 0.95	1.3 0.9
REQUIRED AMOUNT OF BRACING	4.3'	8.7'	4.3'	4.3'	8.7'	4.
PROVIDED AMOUNT OF BRACING	8'-0"	12'-0"	10'-8"	8'-4"	12'-0"	12



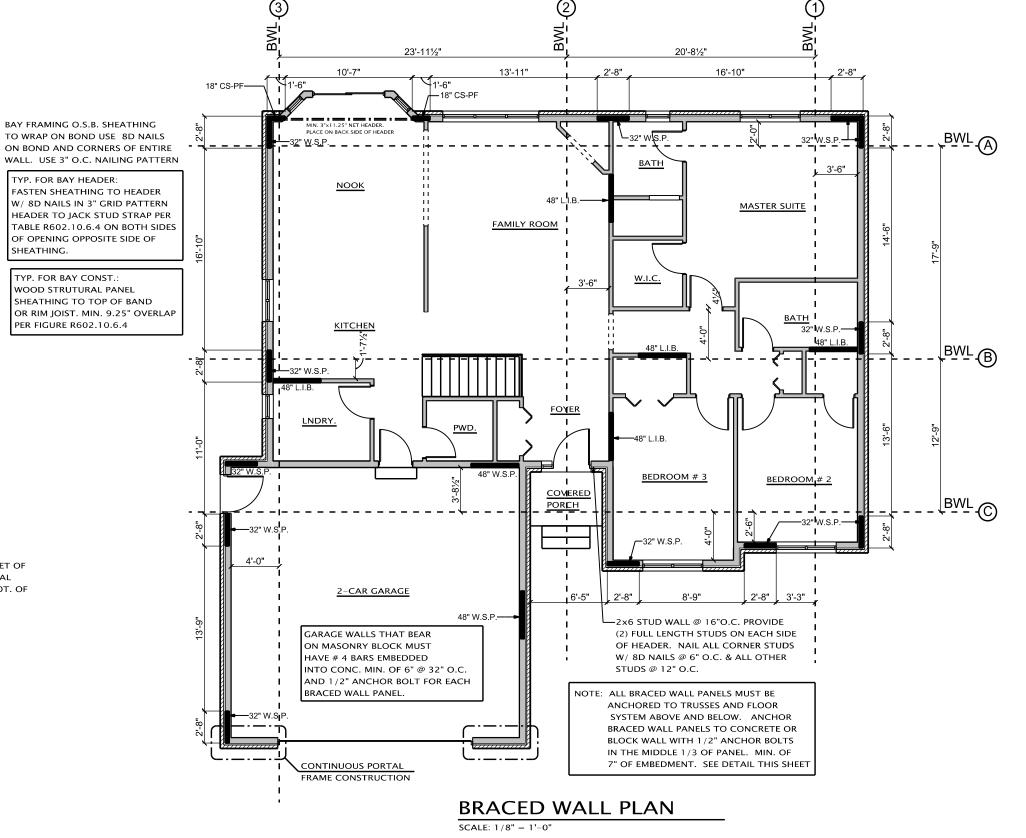




OUTSIDE ELEVATION

IMPORTANT CODE REQUIREMENT:

WALLS, PER IRC R602.10.6.2



HEADER TO JACK STUD STRAP PER SIZE. TABLE R602.10.6.4 ON BOTH SIDES OF OPENING OPPOSITE SIDE OF SHEATHING. TYP. FOR BAY CONST.: WOOD STRUTURAL PANEL SHEATHING TO TOP OF BAND OR RIM JOIST. MIN. 9.25" OVERLAP PER FIGURE R602.10.6.4 FLOOR JOIST SEE PLAN FOR \_\_\_\_3-16D @ 16" O.C. ALONG BRACED WALL PANEL EXTEND FULL SHEET OF WOOD STRUCTURAL SHEATHING TO BOT. OF JOIST BOND. TOE NAIL (3) 8D —NAILS 2 1/2" LONG PER JOIST.

FLOOR JOIST

- SEE PLAN FOR

BAY FRAMING O.S.B. SHEATHING

TYP. FOR BAY HEADER:

TO WRAP ON BOND USE 8D NAILS

ASTEN SHEATHING TO HEADER

/ 8D NAILS IN 3" GRID PATTERN

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ARCHITECTURAL SEAL

PROJECT

BUILDER/CLIENT DEL VALLO CONSTRUCTION INC.

PRELIMINARY

CONSTRUCTION

SHEET TITLE:

PERMIT

BRACED WALL PLAN

DRAWN BY: 04-05-2018 04-17-2018 04-23-2018 CHECKED BY: J.M.P. JOB NUMBER: 18 – 133 SHEET NUMBER: