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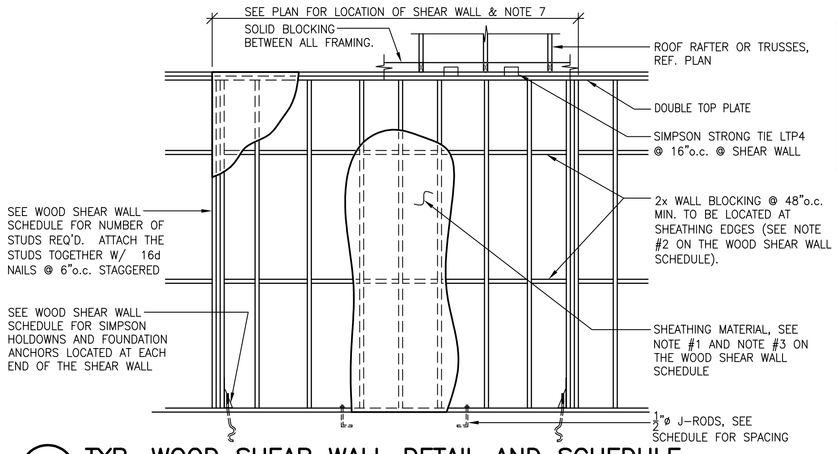


WOOD SHEAR WALL SCHEDULE						
MARK	SHEAR WALL SHEATHING (SEE NOTE 1)	NAILING SIZE AND SPACING (SEE NOTE 3)	SILL PLATE RODS & SPACING	HOLDOWNS EA. END (SEE NOTE 4 AND NOTE 5)	NUMBER OF STUDS EA. END	FOUNDATION ANCHORS
						CAST-IN-PLACE (SEE NOTE 6) / DRILL & EPOXY (SEE NOTE 6)
(A)	15/32" PLYWOOD ONE SIDE	8d COMMON @ 6"o.c.	1/2"ø x12" J-RODS @ 24"o.c.	HDU4-SDS2.5	3	SSTB16 / RFB #5x16 W/ 12 5/8" MIN. EMBED. AND SIMPSON S.E.T. EPOXY
(B)	15/32" PLYWOOD ONE SIDE	8d COMMON @ 4"o.c.	1/2"ø x12" J-RODS @ 24"o.c.	HDU5-SDS2.5	3	SSTB24 / 5/8"ø x16 ALL THREAD ROD W/ 20 5/8" MIN. EMBED. AND SIMPSON S.E.T. EPOXY

NOTE:

1.) ALL SHEATHING SHALL BE APA RATED STRUCTURAL I PLYWOOD. IF SHEATHING IS TO BE APPLIED TO THE OUTSIDE OF AN EXTERIOR WALL, THE SHEATHING SHALL BE STRUCTURAL I, EXPOSURE 1 GRADE PLYWOOD.

2.) ALL SHEATHING EDGES SHALL BE SUPPORTED BY 2 INCH NOMINAL OR WIDER BLOCKING, SEE DETAIL FOR BLOCKING LOCATIONS.

3.) SCHEDULED NAIL SIZE AND SPACING TO BE PROVIDED AT ALL EDGES OF PLYWOOD SHEATHING INCLUDING THE TOP AND SILL PLATES. ATTACH THE SHEATHING TO ALL OTHER MEMBERS (IN FIELD) WITH SCHEDULED NAILS AT 12"o.c.

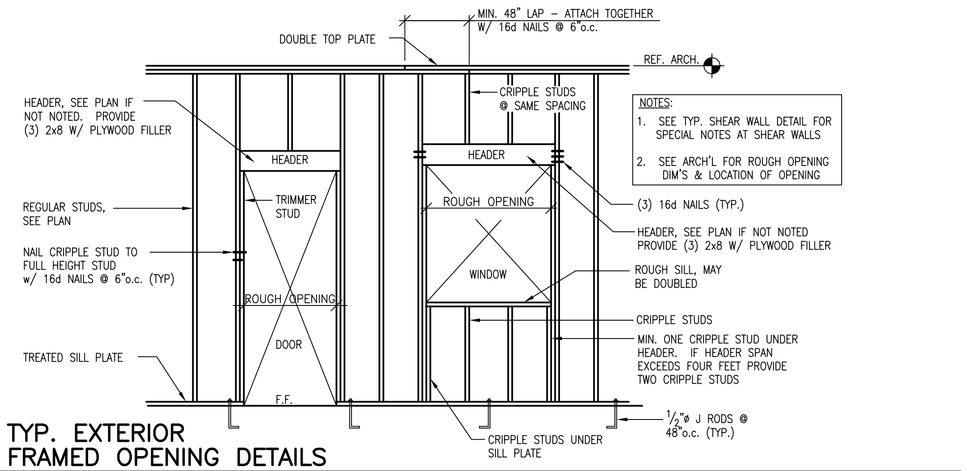
4.) HOLDOWNS TO BE MANUFACTURED BY "SIMPSON STRONG TIE" OR A REVIEWED EQUIVALENT.

5.) FASTEN HOLDOWNS TO THE NUMBER OF STUDS SHOWN IN THE SCHEDULE AND PER MANUFACTURERS RECOMMENDATIONS.

6.) FOUNDATION ANCHORS CAN BE EITHER CAST-IN-PLACE ANCHORS INSTALLED PRIOR TO CONCRETE POUR OR THREADED ROD ANCHORS DRILLED AND EPOXIED INTO THE FOUNDATION AFTER CONCRETE POUR. BOTH TYPES OF ANCHORS ARE TO BE MANUFACTURED BY "SIMPSON STRONG TIE", OR A REVIEWED EQUIVALENT, AND SHALL BE INSTALLED PER THE MANUFACTURERS INSTRUCTIONS.

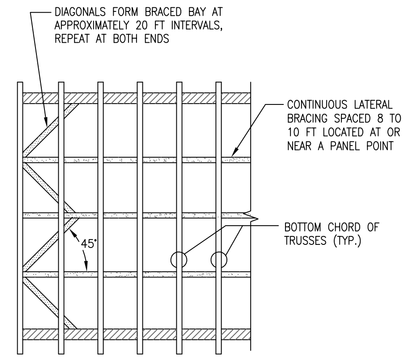
7.) SHEAR WALL LENGTH IS FROM WALL OPENING TO WALL OPENING, OR WALL INTERSECTION OR 12'-0" LONG IN CONTINUOUS WALL.

1 TYP. WOOD SHEAR WALL DETAIL AND SCHEDULE
SCALE : 3/8" = 1'-0"



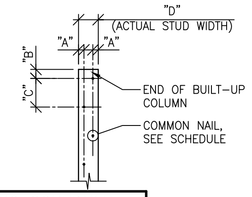
NOTES:
1. SEE TYP. SHEAR WALL DETAIL FOR SPECIAL NOTES AT SHEAR WALLS
2. SEE ARCH'L FOR ROUGH OPENING DIM'S & LOCATION OF OPENING

2 TYP. EXTERIOR FRAMED OPENING DETAILS
SCALE : 3/8" = 1'-0" (SIM. @ INTERIOR LOAD BEARING WALL)



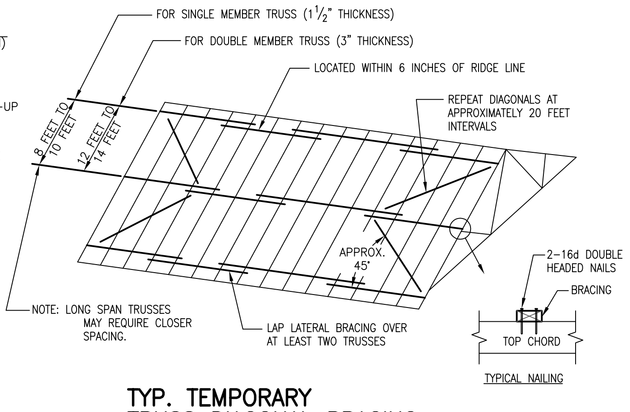
3 TYP. BOTTOM CHORD ERECTION BRACING DETAIL
SCALE : N.T.S.

NOTES:
1. ADJACENT NAILS SHALL BE DRIVEN FROM OPPOSITE SIDES OF COLUMN.
2. ALL NAILS SHALL PENETRATE AT LEAST 2/3 OF THICKNESS OF LAST LAMINATION.



BUILT-UP COLUMN NAILING SCHEDULE						
INDIVIDUAL MEMBERS	NUMBER OF LAMINATE	NAILS	SPACING DIMENSIONS			
			"D"	"A"	"B"	"C"
2X4	2	10d	3 1/2"	1"	2 1/2"	6"
2X4	3	30d	3 1/2"	1 1/2"	3 1/2"	8"
2X6	2	10d	5 1/2"	1 1/2"	2 1/2"	8"
2X6	3	30d	5 1/2"	1 1/2"	3 1/2"	8"
2X6	4	60d	5 1/2"	1 1/2"	4"	8"

4 BUILT-UP COLUMN DETAIL
SCALE : 1/4" = 1'-0"



5 TYP. TEMPORARY TRUSS DIAGONAL BRACING SYSTEM FOR A COMPRESSION CHORD
SCALE : N.T.S.

HEADER SCHEDULE	
MATERIAL ON EDGE	SUPPORTING CEILING AND ROOF
2x4	3-0
2x6	4-0
2x8	6-0
2x10	8-0
2x12	10-0

NOTES:
1. THE LENGTH OF HEADER WILL BE EQUAL TO THE ROUGH OPENING PLUS TWO TRIMMERS.
2. HEADER SIZE MAY BE INCREASED TO COMPLETELY FILL THE SPACE BELOW THE TOP PLATE.
3. PROVIDE 3 MEMBERS AT 2x6 WALLS.
4. REFER TO TIMBER FRAMING NOTES AND 6/S3.3

6 HEADER SCHEDULE

7 TYPICAL MULTI-MEMBER BEAM ASSEMBLY DETAIL
N.T.S.

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ENGINEER'S PROJECT NUMBER
142409

DATE: 09/23/14

SCALE

REVISIONS

SHEET TITLE
TYPICAL SECTIONS AND DETAILS

SHEET NUMBER
S4.0

SHEET 7 OF 8

R:\Alpha\2014\data\142409\142409 S4.0.dwg PLOT SCALE 1=1