

SCALE: NONE

2'-0"

MIN. PANEL

DIMENSION

TYPICAL FLOOR TO FLOOR HOLDOWN STRAP & FLOOR TO HEADER HOLDOWN STRAP

CONTINUOUS PANEL EDGE

TYPICAL STAGGERED NAILING

TYPICAL SILL PLATE BOLTING - PLAN VIEW

PANEL EDGE NAILING

FIELD NAILING AT

SHEATHING JOINT,

INTERMEDIATE FRAMING

MEMBERS PER PLAN -

PANEL EDGE NAILING

WHERE FULLY BLOCKED

PER PLAN, TYP. -

DIAPHRAGMS ARE

SPECIFIED ON THE

2x4 FLAT BLKG. AT

SHEATHING JOINTS, SEE DETAIL A -

PLANS, PROVIDE

PER PLAN -

SHEATHING

PER PLAN -

SHEAR WALL SCHEDULE TOP PLATE ATTACHMENT BOTTOM PLATE ATTACHMENT RIM JOIST OR BLOCKING ANCHOR BOLTING SHEAR SHEAR WALL PANEL PANEL 2× BOTTOM PLATE CONNECTION TO TOP PLATE CONNECTION TO RIM OF SILL PLATE TO SHEATHING EDGE EDGE NAILING WALL CONCRETE BELOW (4)(5) TYPE JOIST OR BLOCKING FRAMING BELOW INTERIOR WALL EXTERIOR WALL 2x PLATE 3x PLATE 15/32" APA O.148"Фx3" A35 @ 16" O.C. LTP4 @ 16" O.C. 5%"¢ @ 48" O.C. 0.148"\$\pix314" @ 6" 0.C. N/A SW-6 ONE-SIDE SHTG @ 6" O.C. 3x OR 15/32" APA O.148"4x3" LTP4 @ 16" O.C. A35 @ 16" O.C. O.148"Φx31/4" @ 4" O.C. SW-4 %"¢ @ 48" O.C. | %"¢ @ 16" O.C. @ 4" O.C. ONE-SIDE SHTG. 15/32" APA O.148"4x3" A35 @ 12" O.C. LTP4 @ 12" O.C. O.148"Φx31/4" @ 3" O.C. %"¢ @ 32" O.C. N/A SW-3 ONE-SIDE SHTG @ 3" O.C. (2) ROWS 15/32" APA O.148"4x3" LTP4 @ 8" O.C. A35 @ 8" O.C. 5/8"Φ @ 24" O.C. NA SM-2 0.148"\$\pix314" @ 4" 0.C. ONE-SIDE SHTG. @ 2" O.C. STAGGERED

> SPECIAL INSPECTION REQUIRED SEE ATTACHED CHECK LIST

- (I) INSTALL PANEL SHEATHING EITHER HORIZONTALLY OR VERTICALLY FOR THE ENTIRE LENGTH OF THE WALL PER PLAN.
- (2) ALL INTERMEDIATE WALL STUDS SHALL BE PER PLAN. PROVIDE BACKING FRAMING AT ALL PANEL EDGES INCLUDING HORIZONTAL BLOCKING PER THE SCHEDULE.
- (3) PROVIDE NAILING TO ALL PANEL EDGES, TOP \$ BOTTOM PLATES AND HORIZONTAL BLOCKING. PROVIDE THE SAME NAILING PATTERN TO EACH MULTIPLE STUD OF THE BUILT-UP HOLD DOWN POST. NAIL PANEL TO INTERMEDIATE FRAMING MEMBERS W/ O.131" 4 x 21/2" @ 12" O.C.
- (4) EMBED CAST-IN-PLACE 5/8" ANCHOR BOLTS 7" MIN. (OR EMBED ADHESIVE ANCHOR BOLTS 5 1/2" IN (E) CONCRETE; SEE STRUCTURAL NOTES). PROVIDE PLATE WASHER 3" x 3" x 1/4" AT EACH ANCHOR BOLT. SILL PLATES SHALL BE TREATED PER GENERAL NOTES, AND SHALL BE 2x OR 3x PER THE SCHEDULE. SEE DETAIL I/S4.0 FOR OTHER REQUIREMENTS.
- (5) PROVIDE HOT DIPPED GALVANIZED NAILS, BOLTS, OR METAL PLATES FOR ALL CONNECTORS IN CONTACT WITH PRESSURE TREATED MEMBERS.
- (6) PROVIDE 0.131" × 1-1/2" LONG NAILS FOR CLIPS DIRECTLY ATTACHED TO FRAMING MEMBERS; PROVIDE 0.131" × 2-1/2" LONG NAILS FOR CLIPS INSTALLED OVER FLOOR OR WALL SHEATHING ON FRAMING MEMBERS. SEE 6/S4.1 FOR TOP PLATE SPLICE.
- ALTERNATIVE TO 3x STUDS FOR THIS WALL ONLY IS (2) 2x STUDS NAILED TOGETHER WITH 0.148" \$\phi \times 3" LONG NAILS WITH THE SAME SPACING AS THE PANEL EDGE NAILING PER THE SCHEDULE (STAGGER).
- (8) STAGGER THE PANEL EDGE NAILS PER 2/54.0.

NOTES:

SHEAR WALL SCHEDULE - 8d NAILS

TYPICAL HOLDOWN TO CONCRETE

SCALE: NONE

SCALE: NONE

NAILING PER PLAN, SEE 2/54.0

2x4 FLAT BLKG.

PANEL EDGE

- 2x4 NAILER W/

10d-F NAILS @ 6" O.C.

JOIST BEYOND AT JOIST

SPLICE WHERE OCCURS

NAILING PER PLAN

DETAIL A

FLAT BLOCKING AT PANEL EDGES (WHERE REQ'D.)

DETAIL B

PANEL EDGE NAILING AT JOIST SPLICE

PERPENDICULAR TO FRAMING.

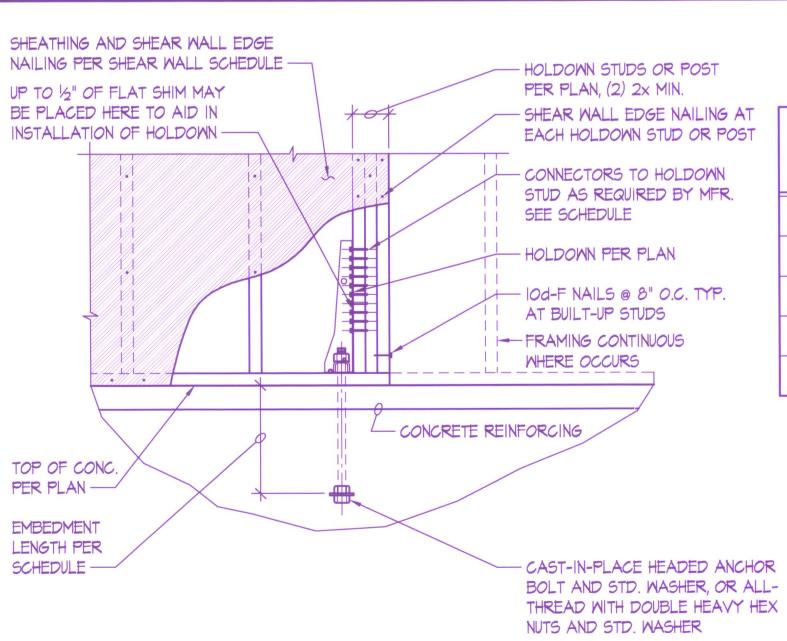
ARE OFFSET, SEE DETAIL B ABOVE.

RUN LONG DIMENSION OF SHEATHING PANELS

2. WHERE FRAMING LAP SPLICE AND SHEATHING JOINTS

- (9) RIM JOIST/BLOCKING MINIMUM WIDTH OF 13/4".
- (10) RIM JOIST/BLOCKING MINIMUM WIDTH OF 13/4" AT EXTERIOR WALLS, 31/2" AT INTERIOR WALLS. STAGGER NAILS SIMILAR TO 2/54.0.

SCALE: NONE TYPICAL ROOF AND FLOOR DIAPHRAGM SHEATHING HOLDOWN STUDS PRE-BENT HOLDOWN STRAP OR POST PER PLAN, PER PLAN (WRAP AROUND (2) 2x MIN. BEAM BELOW, CENTER FRAMING STRAP ON STUDS) SHEATHING AND SHEAR WALL EDGE ORIENTATION NAILING PER SHEAR WALL SCHEDULE PER PLAN-SHEAR WALL EDGE NAILING AT EACH HOLDOWN STUD OR POST HOLDOWN STRAP PER PLAN (EACH SIDE WHERE NOTED ON PLAN) - BEGINNING OF NAILS INTO POST SHEATHING PER PLAN FACE NAIL INTO BEAM SOLID BLOCKING TO MATCH HOLDOWN STUDS MIN. NUMBER STRAP END HOLDOWN OF NAILS LENGTH STRAP - HEADER PER PLAN EACH END "A" AND 11/54.1 FRAMING CONTINUOUS STRAP EACH END MSTC48B3 (38) 16d SINKERS * WHERE OCCURS OF HEADER TO MATCH HOLDOWN (15) 8d STRAP (WRAP 10d-F NAILS @ 8" O.C. AROUND BEAM ABOVE) | CMSTC16 | (30) 16d SINKERS | 2'-4" TYP. AT BUILT-UP STUDS - HOLDOWN STUDS MSTC78 (38) 16d SINKERS OR POST PER PLAN, (2) 2x MIN. CMSTI4 (38) I6d SINKERS * (38) INTO STUDS, (12) INTO BEAM FACE, (4) INTO BEAM BOTTOM



HOLDOWN	ANCHOR BOLT ¢	ANCHOR BOLT IN CONCRETE EMBED LENGTH	CONNECTORS TO HOLDOWN STUDS	
HDU2	%"Ф	13"	(6) SDS 14"x21/2" SCREMS	
HDU4	5⁄8"Ф	13"	(10) SDS 1/4"x21/2" SCREMS	
HDU5	5%"Φ	13"	(14) SDS 1/4"x21/2" SCREMS	
HDU8	%"Ф	18"	(20) SDS 4"x21/2" SCREMS	
HDQ8	%"Φ	20"	(20) SDS 1/4"x3" SCREMS	

PROVIDE HOT DIPPED GALVANIZED NAILS, BOLTS. OR METAL PLATES FOR ALL CONNECTORS IN CONTACT WITH PRESSURE TREATED MEMBERS.

SCALE: NONE

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QUANTUM CONSULTING ENGINEERS

> **1511 THIRD AVENUE SUITE 323** SEATTLE, WA 98101 TEL 206.957.3900 FAX 206.957.3901 www.quantumce.com

SEAL:



PROJECT:

RAM NIWAS CHURCH

AUBURN, WA 98001

OWNER: SATGURU RAM SINGH SATSUNGH Contact Person: Mr. Sukhdev Aulakh Contact Phone: (425) 255-6476

PERMIT SUBMITTAL

SHEET NOTES:

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SCALE:		AS SHOWN			
DATE:		8/2/2011			
JOB NO.		11136.01			

8/2/11

TYPICAL WOOD **DETAILS**

SHEET TITLE:

SHEET NO.

S4.0R REVISION