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$$1/4'' = 1' - 0''$$

TRADITIONAL


$$1/4" = 1' - 0'$$

SPANISH


$$1/4" = 1' - 0'$$

RANCH

ANCHOR BOLTS, HOLDOWN ANCHORS, & REINF. MUST BE SECURELY TIED PRIOR TO FDTN. INSP.

ANCHOR STUDS TO BE $2\#4 @ 16" O.C.$

ANCHOR NOMINAL ANCHOR BOLT DIAMETER SHALL BE 1/2" INCH NOTE: REQUIRE A MINIMUM DISTANCE FROM THE ENDS OF SILL PLATES AND A MAXIMUM OF 12")

ANCHORS (MINIMUM SIZE OF 3" x 3" x 14") SHALL BE USED ON EACH BOLT.

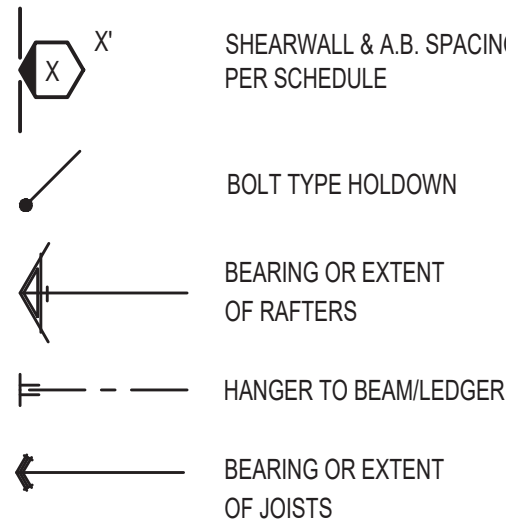
CONC. SLAB JOINTS AT NO MORE THAN 15 FT EA. WAY

14 FOR TYP. CONCRETE & SLAB DETAILS 1-8

TO SPECIFIED BASE SHALL BE NAILED TO BOLTED SILL PLATES W/ (2) TYPE. TYP.

ADJACENT TO SLOPES GREATER THAN OR EQUAL TO 33.3% SHALL WITH: SETBACK REQUIREMENTS DEFINED IN CBC 1808.7.

SHEARWALL DESCRIPTION (See footnotes 18 & 4)	1" ply, C-D or C-C sheathing, (1) side w/ 8d @ 6" o/c edge, 12" o/c field, blocked (See footnote 3)	3/4" ply, C-D or C-C sheathing, (1) side w/ 8d @ 4 1/2" o/c edge, 12" o/c field, blocked (See footnote 3)	3/8" ply, C-D or C-C sheathing, (1) side w/ 8d @ 3" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3 & 4)	3/8" rated STRUCT 1 panel, (1) side w/ 8d @ 3" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3 & 4)	1 1/2" rated STRUCT 1 panel, (1) side w/ 10d @ 3" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3, 4, & 5)	1 1/2" rated STRUCT 1 panel, (1) side w/ 10d @ 2" o/c edge, 12" o/c field 3x abutting panel studs blocked (See footnote 3, 4, & 5)
SHEAR VALUE (PLF)	260*	350*	490*	550*	665*	870*
ANCHOR BOLT SPACING	5/8" @ 48" or 1/2" @ 32"	5/8" @ 32" or 1/2" @ 24"	5/8" @ 24" or 1/2" @ 16"	5/8" @ 24" or 1/2" @ 16"	5/8" @ 16" or 1/2" @ 24"	5/8" @ 12" or 1/2" @ 8"
16d (0.148") SILL NAILING	6"	4 1/2"	3 1/2"	3"	1/2"x4 1/2" SDS screws @ 8"	1/2"x4 1/2" SDS screws @ 8"
SPACING OF A35LTP4 FRAMING TO TOP PLATF	32" O.C.	18" O.C.	12" O.C.	12" O.C.	8" O.C.	8" O.C.



- (1) AT PLYWOOD OR OSB PS-1 OR PS-2 RATED PANELS USE COMMON NAILS OR GALVANIZED BOX NAILS (2) LAYERS OF PAPER EXTERIOR PLYWOOD REQUIRED. SHEAR SHALL BE APPLIED OVER STUDS @ 16" O/C. GALVANIZED NAILS SHALL NOT BE HOT-DIPPED OR TUMBLED.
 - (2) SILL PLATES & WASHERS SHALL COMPLY WITH THE CONCRETE FOUNDATION CONSTRUCTION AND WOOD FRAMING CONSTRUCTION NOTES. (SEE NOTES #206, 208, 209, 307, 308, 309, ETC.)
 - (3) IN PLYWOOD SHEARWALLS, THE EDGE OF THE 3" SQUARE WASHERS (SEE NOTE #206) SHALL BE $\frac{1}{2}$ " OR LESS FROM THE EDGE OF THE SILL PLATE ON THE SIDE OF THE SHEATHING. ALL NAILING SHALL BE $\frac{3}{8}$ " MIN. FROM THE EDGE OF SHEATHING.
 - (4) WHERE ALLOWABLE SHEAR VALUES EXCEED 350 PLF (SHEARWALL TYPES 6, 7, 8, & 9) ALL FRAMING RECEIVING NAILING FROM ABUTTING PANEL EDGES SHALL NOT BE LESS THAN A SINGLE 3" NOMINAL MEMBER OR (2) 2X MEMBERS NAILED WITH 10D, SPACING EQUAL TO THE E.N. SPACING PLYWOOD JOINT AND SILL NAILING SHALL BE STAGGERED.
 - (5) IN SHEARWALL TYPES 8 & 9, SILL PLATE NAILING SHALL BE STAGGERED. AT SECOND FLOOR CONDITIONS, PROVIDE ADEQUATE RIM OR BLOCKING TO PREVENT SPLITTING.
- (*) ALLOWABLE SHEAR VALUES FOR PLYWOOD SHEARWALLS MAY BE INCREASED BY 40% UNDER WIND LOADING.

project
Santa Ana
ADU

address

revision



description

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