HEIGHT OF BRACED WALL PANEL d'Alene 2x TOP PLATE GLB HEADER SHEATHED WIDTH TIE-DOWN 10 ft. 12 ft. 2'-4" 3'-2" FORCE (Ib) 2'-8" 2'-8" 3'-6" One-Story 1800 1800 1800 2000 2200 CITY First Story of a 3000 3000 3000 3300 3600 **BUILDING SERVICES** Two Story Ŷ ALTERNATE BRACE WALL PANEL PER 2012 IRC: TRIM BOARD COEUR D'ALENE EACH PANEL SHALL BE A MIN. 2'-8" IN LENGTH W/A MAX. HEIGHT OF 10'-0" EACH PANEL SHEATHED ON ONE FACE W/MIN. 3/8" PLYWOOD W/ALL EDGES BLOCKED ATTACH PLYWOOD W/8d COMMON OR GALVANIZED NAILS EACH PANEL SHALL BE ATTACHED TO THE FOUNDATION W/A MIN. OF 2 ANCHOR BOLTS NAILING @ SHEATHING EDGE INSTALLED AND PLACED AT PANEL QUARTER POINTS. FOUNDATION CONTINUOUS ACROSS ENTIRE LENGTH OF BRACED WALL LINE AND REINFORCED APPROVED SIMPSON STRONG W/ NOT LESS THAN (1) NO.4 BAR TOP AND BOTTOM -TIE HOLD DOWN (HPAHD22 OR STHD14) 3" MIN. FROM ** IN THE FIRST STORY OF A TWO-STORY BUILDING, EACH PANEL SHALL BE CONSTRUCTED AS FOR A CORNERS ON-STORY BUILDING WITH THE FOLLOWING EXCEPTONS: OPTION TO USE HOLD DOWNS INSTEAD OF 1) SHEATHING EDGE NAILING SPACING SHALL NOT EXCEED 4"o.c. IN THE FIRST STORY 2) THREE ANCHOR BOLTS PER PANEL PLACE AT ONE-FIFTH POINTS 2x4 NAILER FOR SIMPSON (2) ANCHOR BOLTS STRONG-TIE HOLD DOWN RIM BOARD RIM BOARD MIN. TOP OF FOUNDATION CONCRETE SLAB CONCRETE SLAB TREATED. 8d NAIL 8d NAII (2) ANCHOR BOLTS CONT. WALL DIRECTION PLATE DIRECTION T.O.C. I-JOIST MAX 8d NAIL 8d NAIL DIRECTION DIRECTION 2x4 NAILER FOR SIMPSON APPROVED SIMPSON STRONG-TIE HOLD DOWN I-JOIST STRONG-TIE HOLD DOWN (HPAHD22 OR STHD14) 3" MIN FROM

SECTION

SCALE: 1/2"=1"

DRAWN BY: LPB

DATE: 1-24-08 SHEET 1 OF 1

ADJOINING PANEL EDGES

FROM FLOOR TO FLOOR

CORNERS

2x STUD

2x STUD

TREATED PLATE

T.O.F.W.

CONT. #4 REBAR (2) MIN.

3"

MIN

DETAIL

2x4 NAILER FOR SIMPSON

STRONG-TIE HOLD DOWN