

WALL BRACING / ANCHOR SCHEDULE PER R602.10 2021 INTERNATIONAL RESIDENTIAL CODE										
▽	IRC APRV BRACING METHOD	SHEATHING MATERIAL	MINIMUM BWP PANEL LENGTH	NAIL SIZE AND SPACING	RIM JOIST OR BLOCK ATTACH- MENT TO TOP PLATE	BOTTOM PLATE ATTACHMENT TO RIM JOIST BELOW	SILL PLATE ANCHOR BOLT TO CONCRETE BELOW	REQUIRED HOLDOWN CAPACITY	SIMPSON HOLDOWN	DETAIL
▽	WSP	7/16" OSB EXTERIOR APA RATED	48"	8d COMMON AT 4" O.C. EDGES, 12" O.C. FIELD	N.A.	3-14d AT 16" O.C. ALONG BRACED WALL PANEL	1/2" x 12" O.C. IMBED T MIN. MIN. PER PLATE 1- 12" MIN. FROM PANEL ENDS	N.A.	N.A.	<div><div>R</div><div>5</div></div>
2	ABW	3/8" MIN. WOOD STRUCTURAL PANELS (O.S.B., PLY- WOOD OR COMPOSITE)	32"	8d COMMON AT 4" O.C. EDGES, 12" O.C. FIELD	N.A.	3-14d AT 16" O.C. ALONG BRACED WALL PANEL	1/2" x 12" O.C. IMBED T MIN. 1-12" FROM PANEL ENDS	1800#	STDIORJ	<div><div>Q</div><div>5</div></div>

NOTE:

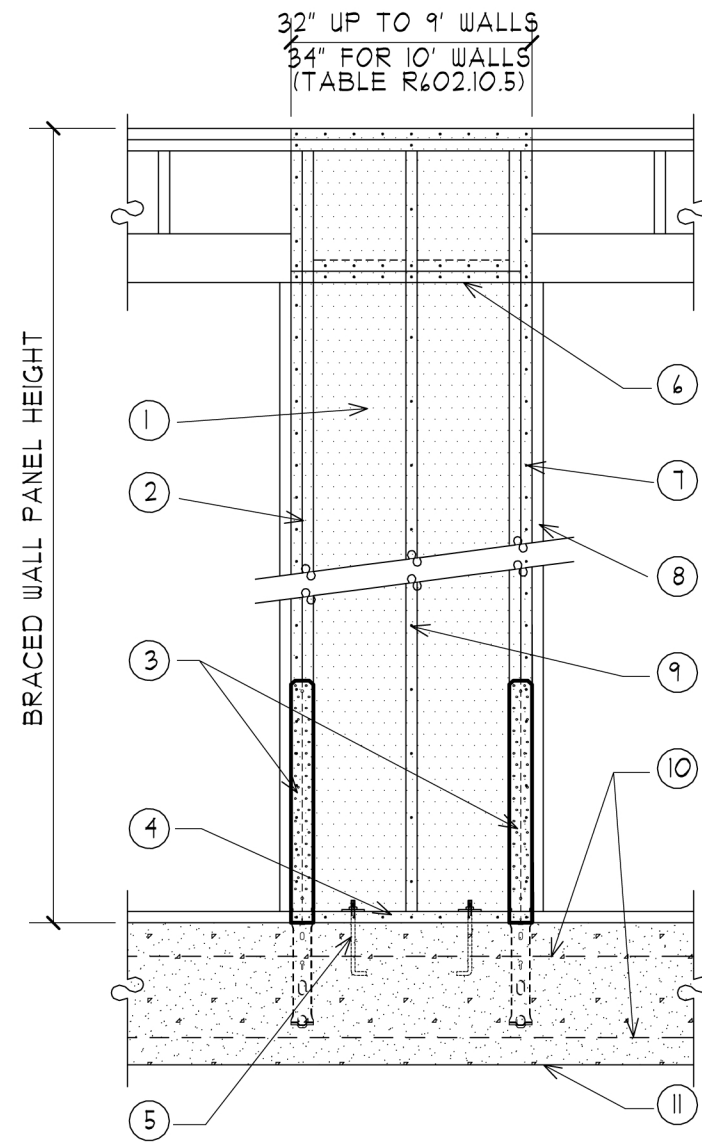
1.) ALL EXTERIOR BRACED WALL PANELS SHALL BE SHEATHED IN THE INSIDE WITH 1/2" GYPSUM WALL BOARD. (UNLESS NOTED OTHERWISE). EXCEPTION: WALL PANELS THAT ARE BRACED IN ACCORDANCE WITH METHODS ABW (ABW#)

SEE NOTE #3 BELOW FOR FASTER INFORMATION

2.) 2X BLOCKING IS REQUIRED AT ALL PANEL EDGES.

3.) 1/2" WALL BOARD SHALL BE ATTACHED TO STUDS WITH 13 GAGE, 1 3/8" LONG, 19/44" HEAD NAIL, 1 1/4" LONG ANNULAR-RINGED, 5D COOLER NAIL, 0.084" DIA., 1 5/8" LONG, 15/44" HEAD; OR GYPSUM BOARD NAILS, 0.084" DIA., 1 5/8" LONG, 19/32" HEAD; SPACED AT 8" O.C. EITHER DIRECTION. APPROVED SCREWS AT 12" O.C. FOR 24" SPACED STUDS AND 16" O.C. FOR STUDS SPACED AT 14" O.C. EITHER DIRECTION.

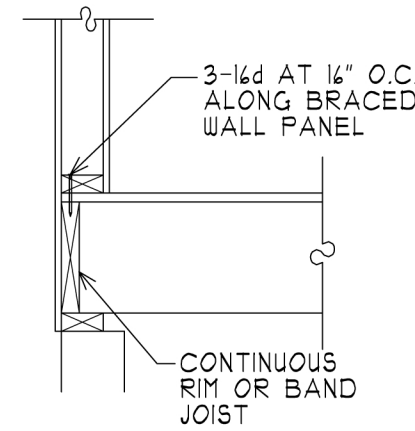
4.) USE 1/4"x3"x3" STEEL PLATE WASHERS WITH ALL ANCHOR BOLTS.



ALTERNATE BRACED  
WALL PANEL (ABW)

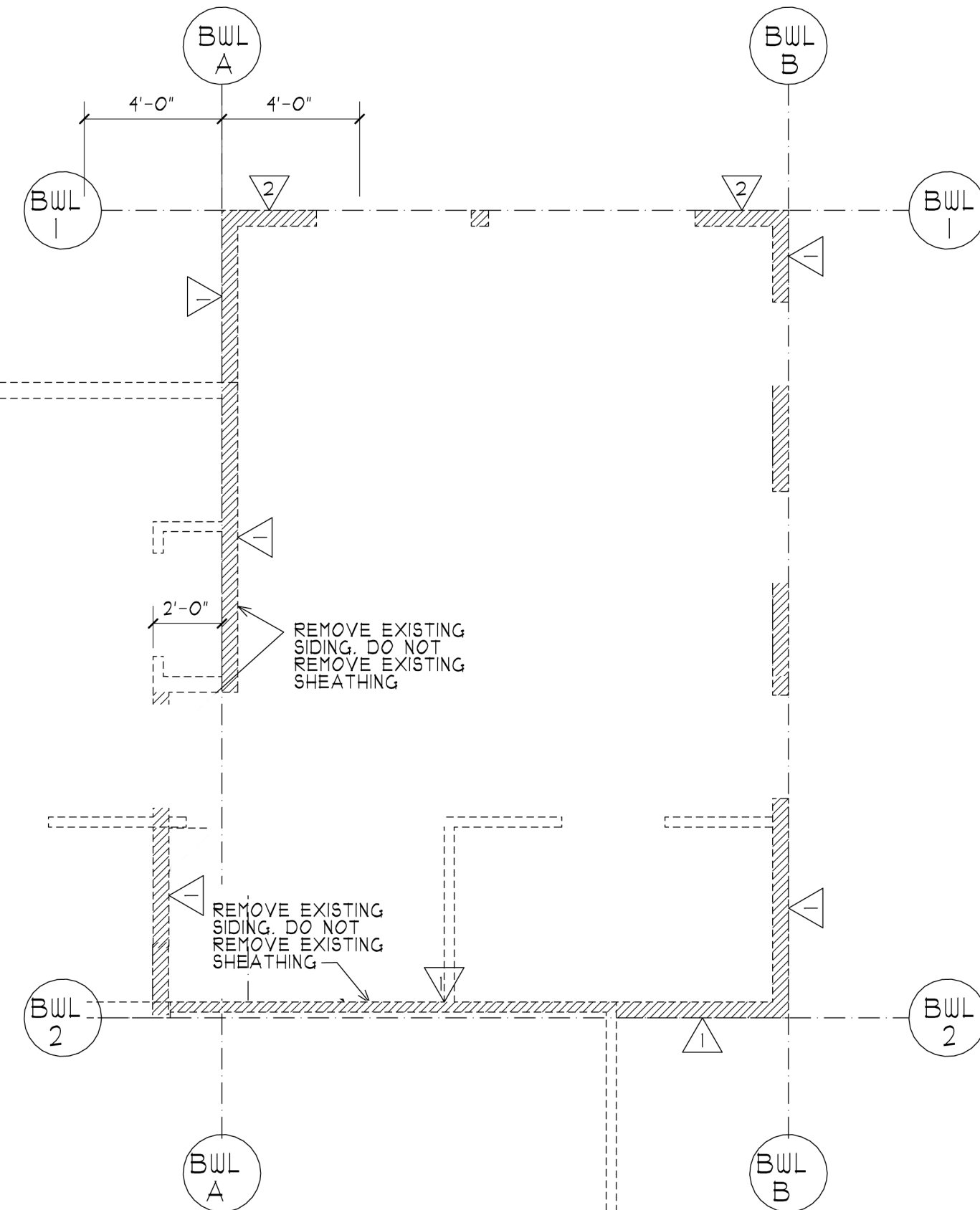
IRC FIGURE R602.10.6.1

- MINIMUM 3/8" WOOD STRUCTURAL PANEL SHEATHING ON ONE FACE
- MINIMUM 2X4 FRAMING DOUBLE STUDS REQUIRED
- (2) HOLD-DOWN OR (2) STRAP-TYPE ANCHORS CAPABLE OF 3000# FIRST FOR TWO FLOORS AND 1800# FOR ONE STORY (TABLE R602.10.6.1)
- STRAP TYPE ANCHORS SHALL BE PERMITTED TO BE ATTACHED OVER THE WOOD STRUCTURAL PANEL
- PANEL MUST BE ATTACHED TO CONCRETE FOOTING OR CONCRETE FOUNDATION WALL CONTINUOUS OVER BRACED WALL LINE
- (2) 1/2" DIAMETER ANCHOR BOLTS LOCATED BETWEEN 4" AND 12" OF EACH END OF THE SEGMENT
- FOR PANEL SPLICE (IF NEEDED) ADJOINING PANEL EDGES SHALL MEET OVER AND BE FASTENED TO COMMON FRAMING
- 8d COMMON OR GALV. BOX NAILS AT 4" O.C. AT PANEL EDGES FOR SINGLE STORY AND AT 4" O.C. PANEL EDGES FOR THE FIRST OF 2 STORIES
- STUDS UNDER HEADER AS REQUIRED
- 8d COMMON OR GALV. BOX NAILS AT 12" O.C. AT INTERIOR SUPPORTS
- MINIMUM REINFORCING OF FOUNDATION: ONE #4 BAR TOP AND BOTTOM. LAP BARS 15" MINIMUM
- MINIMUM FOOTING SIZE UNDER OPENING IS 12"X12". A TURNED-DOWN SLAB SHALL BE PERMITTED AT DOOR OPENINGS



FLOOR/WALL BRACING (NAILING)

SCALE: 3/4" = 1'-0"



WALL BRACING PLAN

SCALE: 1/4" = 1'-0"

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PLAN NO.:	M24-1381

SHEET :