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BEARING WALL SCHEDULE

MARK	4TH FLOOR WALL	5TH FLOOR WALL	6TH FLOOR WALL	7TH FLOOR WALL	8TH FLOOR WALL
	STUD SIZE AND GRADE	STUD SIZE AND GRADE	STUD SIZE AND GRADE	STUD SIZE AND GRADE	STUD SIZE AND GRADE
W1	2x DF#2 @ 16" OC	2x DF#2 @ 16" OC	2x DF#2 @ 16" OC	2x DF#2 @ 16" OC	2x DF#2 @ 16" OC
W2	(2) 2x6 DF#2 @ 16" OC	2x6 DF#2 @ 16" OC	2x6 DF#2 @ 16" OC	2x6 DF#2 @ 16" OC	2x6 DF#2 @ 16" OC
W3	(2)2x6 DF#2 @ 12" OC	(2) 2x6 DF#2 @ 12" OC	2x6 DF#2 @ 12" OC	2x6 DF#2 @ 12" OC	2x6 DF#2 @ 12" OC
W4	(3) 2x4 DF#2 @ 12" OC	(2) 2x4 DF#2 @ 12" OC	(2) 2x4 DF#2 @ 12" OC	2x4 DF#2 @ 12" OC	2x4 DF#2 @ 16" OC

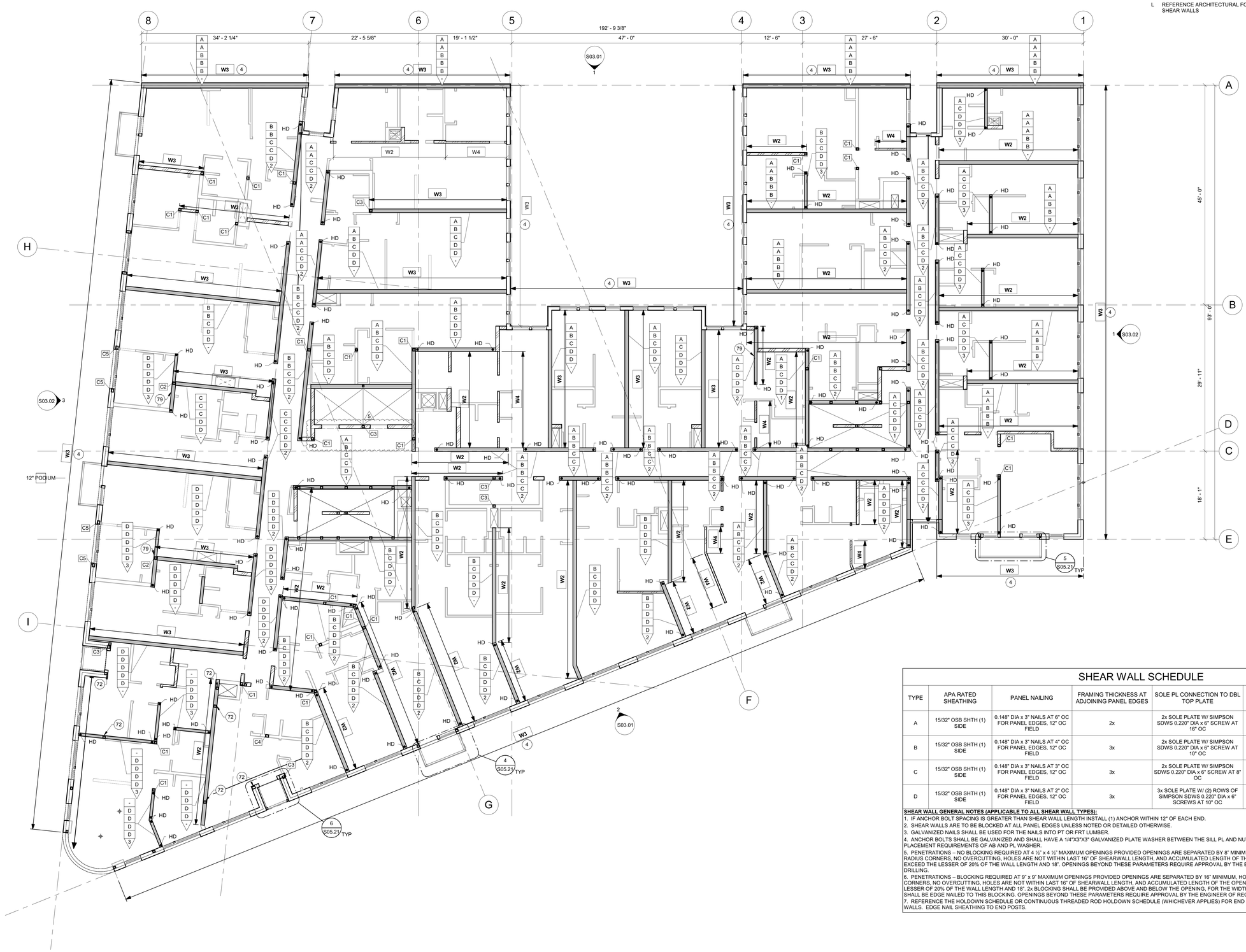
1. TYPICAL BEARING WALLS TO BE TYPE "W1" UNLESS OTHERWISE NOTED

KEYED NOTES

4 ALL WOOD FRAMING IN EXTERIOR WALLS TO BE FIRE RETARDANT TREATED.
72 (5)2x6 DF#2 BUILT-UP POST ON FLOORS 4-6 AND HSS4x4x1/4 ON FLOOR 7
79 SHEATHING TO BE INSTALLED ON THIS SIDE OF SHEARWALL

FLOOR FRAMING PLAN NOTES

A FOR A COMPLETE LEGEND OF ALL CALLOUTS AND SYMBOLS REF COVER SHEET AND SCHEDULES.
B FLOORS SHALL HAVE A 1" GYPCRETE TOPPING SLAB OVER THE SHEATHING.
C REFERENCE DETAIL 4/S06.20 FOR TYPICAL DOUBLE TOP PL SPLICE CONNECTION.
D REFERENCE S05.01 & S05.02 SHEETS FOR STAIR FRAMING.
E ALL POSTS FOR GIRDER TRUSSES, BEAMS, HEADERS AND / OR PURLINS SHALL CONTINUE DOWN FLOOR TO FLOOR TO PT SLAB, FOUNDATION OR LOWER BEAM / HEADER.
F STUD BEARING WALLS SHALL BE FRAMED PER BEARING WALL SCHEDULE AND DETAILS 5, 6, & 7/S06.02
G VERIFY SIZE AND LOCATION OF ALL MECHANICAL AND WALL PENETRATIONS.
H REFERENCE ARCHITECTURAL FOR ALL EDGE OF SLAB DIMENSIONS.
I PROVIDE HEADER TYPE H1 AT ALL OPENINGS, TYP AT BEARING WALLS UNO. REF DETAIL 1/S06.20 FOR TYPICAL HEADER CONSTRUCTION, UNO.
J REFERENCE SCHEDULE ON S00.05 FOR CONTINUOUS THREADED ROD SYSTEM
K REFERENCE DETAIL 2/S06.20 FOR TYPICAL INTERIOR NON-BEARING WALL CONNECTIONS TO FLOOR JOISTS.
L REFERENCE ARCHITECTURAL FOR FACE OF WALL TO BE SHEATHED WITH OSB AT ALL SHEAR WALLS



SHEAR WALL SCHEDULE

TYPE	APA RATED SHEATHING	PANEL NAILING	FRAMING THICKNESS AT ADJOINING PANEL EDGES	SOLE PL CONNECTION TO DBL TOP PLATE	MUD SILL AND ANCHOR BOLTS (REF NOTE 1, 5)	COMMENTS
A	15/32" OSB SHTH (1) SIDE	0.148" DIA x 3" NAILS AT 6" OC FOR PANEL EDGES, 12" OC FIELD	2x	2x SOLE PLATE W/ SIMPSON SDWS 0.220" DIA x 6" SCREW AT 16" OC	3x SILL PL W/ 5/8" DIA AB AT 48" OC (EMBEDMENT = 7")	USE GALV FASTENERS AT ALL FRT LUMBER LOCATIONS
B	15/32" OSB SHTH (1) SIDE	0.148" DIA x 3" NAILS AT 4" OC FOR PANEL EDGES, 12" OC FIELD	3x	2x SOLE PLATE W/ SIMPSON SDWS 0.220" DIA x 6" SCREW AT 10" OC	3x SILL PL W/ 5/8" DIA AB AT 36" OC (EMBEDMENT = 7")	USE GALV FASTENERS AT ALL FRT LUMBER LOCATIONS
C	15/32" OSB SHTH (1) SIDE	0.148" DIA x 3" NAILS AT 3" OC FOR PANEL EDGES, 12" OC FIELD	3x	2x SOLE PLATE W/ SIMPSON SDWS 0.220" DIA x 6" SCREW AT 8" OC	3x SILL PL W/ 5/8" DIA AB AT 30" OC (EMBEDMENT = 7")	USE GALV FASTENERS AT ALL FRT LUMBER LOCATIONS
D	15/32" OSB SHTH (1) SIDE	0.148" DIA x 3" NAILS AT 2" OC FOR PANEL EDGES, 12" OC FIELD	3x	3x SOLE PLATE W/ (2) ROWS OF SIMPSON SDWS 0.220" DIA x 6" SCREWS AT 10" OC	3x SILL PL W/ 5/8" DIA AB AT 24" OC (EMBEDMENT = 7")	USE GALV FASTENERS AT ALL FRT LUMBER LOCATIONS

SHEAR WALL GENERAL NOTES (APPLICABLE TO ALL SHEAR WALL TYPES):

1. IF ANCHOR BOLT SPACING IS GREATER THAN SHEAR WALL LENGTH INSTALL (1) ANCHOR WITHIN 12" OF EACH END.
2. SHEAR WALLS ARE TO BE BLOCKED AT ALL PANEL EDGES UNLESS NOTED OR DETAILED OTHERWISE.
3. GALVANIZED NAILS SHALL BE USED FOR THE NAILS INTO PT OR FRT LUMBER.
4. ANCHOR BOLTS SHALL BE GALVANIZED AND SHALL HAVE A 1/4"X3"X3" GALVANIZED PLATE WASHER BETWEEN THE SILL PL AND NUT. REFERENCE SHEAR WALL DETAIL 3/S08.01 FOR PLACEMENT REQUIREMENTS OF AB AND PL WASHER.
5. PENETRATIONS – NO BLOCKING REQUIRED AT 4 ½" x 4 ½" MAXIMUM OPENINGS PROVIDED OPENINGS ARE SEPARATED BY 8" MINIMUM, HOLE IS CIRCULAR OR SQUARE CUT WITH RADIUS CORNERS, NO OVERCUTTING, HOLES ARE NOT WITHIN LAST 16" OF SHEARWALL LENGTH, AND ACCUMULATED LENGTH OF THE OPENINGS IN THE SHEARWALL DOES NOT EXCEED THE LESSER OF 20% OF THE WALL LENGTH AND 18". OPENINGS BEYOND THESE PARAMETERS REQUIRE APPROVAL BY THE ENGINEER OF RECORD PRIOR TO CUTTING AND DRILLING.
6. PENETRATIONS – BLOCKING REQUIRED AT 9" x 9" MAXIMUM OPENINGS PROVIDED OPENINGS ARE SEPARATED BY 16" MINIMUM, HOLE IS CIRCULAR OR SQUARE CUT WITH RADIUS CORNERS, NO OVERCUTTING, HOLES ARE NOT WITHIN LAST 16" OF SHEARWALL LENGTH, AND ACCUMULATED LENGTH OF THE OPENINGS IN THE SHEARWALL DOES NOT EXCEED THE LESSER OF 20% OF THE WALL LENGTH AND 18". 2x BLOCKING SHALL BE PROVIDED ABOVE AND BELOW THE OPENING, FOR THE WIDTH OF THE STUD BAY. SHEAR WALL SHEATHING SHALL BE EDGE NAILED TO THIS BLOCKING. OPENINGS BEYOND THESE PARAMETERS REQUIRE APPROVAL BY THE ENGINEER OF RECORD PRIOR TO CUTTING AND DRILLING.
7. REFERENCE THE HOLDOWN SCHEDULE OR CONTINUOUS THREADED ROD HOLDOWN SCHEDULE (WHICHEVER APPLIES) FOR END POST REQUIREMENTS AT EACH END OF SHEAR WALLS. EDGE NAIL SHEATHING TO END POSTS.

1 Shear Wall Plan - LEVEL 4
S01.04SW 1/8" = 1'-0"

City Of Portland
REVIEWED FOR CODE COMPLIANCE
Date: 02/11/20
Project: 19-105743-REV-01-CO

SERA

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REVISIONS

2	ADDENDUM 2	5/9/2019
A	PERMIT RESPONSE 1	6/03/2019
B	PERMIT RESPONSE 2	7/26/2019
5	AB 04	12/11/2019

CHECKED BY:	Checker
ISSUE DATE:	27 SEP 2019
PROJECT NO:	1803002

SHEAR WALL PLAN LEVEL 4

S01.04SW

Construction Set