



City of Portland, Oregon - Bureau of Development Services

1900 SW Fourth Avenue · Portland, Oregon 97201 | 503-823-7300 | www.portlandoregon.gov/bds



Permit Revision Submittal Requirements and Application

A Permit Revision is required when there are proposed changes to the project after the permit has been issued. This may arise due to discrepancies between the city-approved permit drawings and actual field conditions, or the customer has changed their mind about an aspect of the project. In all cases, a revision to the existing permit must be submitted, reviewed and approved.

Applicants will provide:

- A copy of this application
- Three (3) sets of plans that clearly reflect the proposed change(s).
Drawings and calculations must be stamped and signed by the Architect and/or the Engineer of Record, if applicable.
- One (1) copy of the original city approved permit drawings. (NOTE: If your project has an assigned process manager please contact them regarding submittal of the revision).
- Two (2) sets of calculations, if applicable
- Inspector's correction notice, if revision is due to an inspection correction
- Revision fee (paid at time of submittal)

Contact Information:

Contact name Roxanna Scotto

Address 23 Green Village Road

City Madison State NJ Zip Code 07940

Phone 973-377-1313x128 Email rscotto@groupasa.com

Value of proposed revision 0 Issued permit # 17-188501-CO

Job site address LOFT Outlet @ Cascade Station - 9199 NE Cascade Parkway, Portland, OR 97224

Description of revision Removed detail #2 on sheet A10.41 - structural bracing detail was not used in construction

Fees:

The Permit Revisions are subject to fees associated with plan review, processing and any increase in project value. Additional fees may apply if adding plumbing fixtures.

The Bureau of Development Services fee schedule is available under the fees tab on the BDS web site at: www.portlandoregon.gov/bds. Fees are updated annually on July 1st.

Helpful Information:

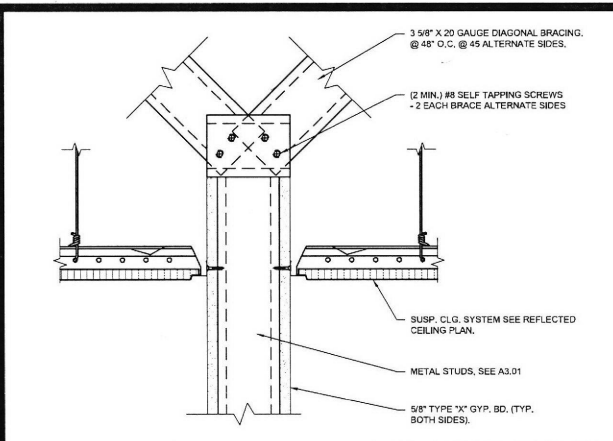
Bureau of Development Services
City of Portland, Oregon
1900 SW 4th Avenue, Portland, OR 97201
www.portlandoregon.gov/bds

Submit your plans in person to:

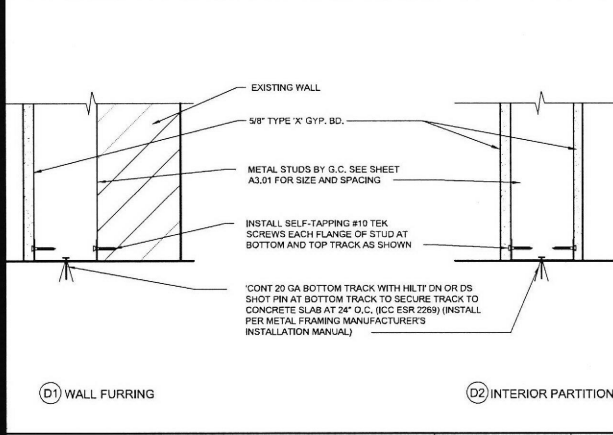
Development Services Center (DSC), First Floor,
For Hours Call 503-823-7310

Important Telephone Numbers:

- BDS main number 503-823-7300
- DSC automated information line 503-823-7310
- Building code information 503-823-1456
- BDS 24 hour inspection request line 503-823-7000
- Residential information for
one and two family dwelling 503-823-7388
- General Permit Processing and
Fee Estimate info 503-823-7357
- City of Portland TTY 503-823-6868



TOP OF INT. WALL BRACING 3" = 1'-0" 13



BOTTOM TRACK CONNECTION 3" = 1'-0" 12

LIGHT GAGE FRAMING - CROSS REFERENCE GUIDE

MIL. THICKNESS - GAGE NUMBER CROSS REFERENCE	
25 GA. — 18 MIL.	18 GA. — 54 MIL.
22 GA. — 27 MIL.	14 GA. — 58 MIL.
20 GA. — 33 MIL.	12 GA. — 97 MIL.
18 GA. — 43 MIL.	

EXAMPLE CROSS REFERENCE:

3/8", 18 GA STRUCTURAL METAL STUD = 362 S 182 - 43 METAL STUD

STUD DESIGNATION	STUD DEPTH (T=TRACK) WIDTH	FLANGE THICKNESS	STUD THICKNESS
3/8", 18 GA	3 1/2"	1.625"	.43 MIL (18 GA)
2 1/2", 20 GA	2 1/2"	1.625"	.33 MIL
2 1/2", 18 GA	2 1/2"	1.625"	.27 MIL

TYPICAL STRUCTURAL STUDS AND TRACKS

FORMER STANDARD DESIGNATION	NEW S18MA DESIGNATION (STEEL STUD MANUFACTURERS ASSOCIATION)
2 1/2", 20 GA. STUD w/ 1 5/8" FLANGE	250S182-33
2 1/2", 18 GA. STUD w/ 1 5/8" FLANGE	250S182-43
3 5/8", 20 GA. STUD w/ 1 5/8" FLANGE	362S182-33
3 5/8", 18 GA. STUD w/ 1 5/8" FLANGE	362S182-43
8", 20 GA. STUD w/ 1 5/8" FLANGE	600S182-33
8", 18 GA. STUD w/ 1 5/8" FLANGE	600S182-43
8", 18 GA. STUD w/ 1 5/8" FLANGE	600S182-43
8", 18 GA. STUD w/ 1 5/8" FLANGE	600S182-43
10", 18 GA. STUD w/ 1 5/8" FLANGE	1000S182-43
10", 18 GA. STUD w/ 1 5/8" FLANGE	1000S182-43
12", 18 GA. STUD w/ 1 5/8" FLANGE	1200S182-43
12", 12 GA. STUD w/ 1 5/8" FLANGE	1200S182-43
1 5/8", 22 GA. TRACK w/ 1 1/4" LEG	182T125-27
1 5/8", 20 GA. TRACK w/ 1 1/4" LEG	182T125-33
2 1/2", 20 GA. TRACK w/ 1 1/4" LEG	250T125-33
2 1/2", 20 GA. TRACK w/ 2" LEG	250T125-33
2 1/2", 18 GA. TRACK w/ 1 1/4" LEG	250T125-43
2 1/2", 18 GA. TRACK w/ 2" LEG	250T125-43
3 5/8", 20 GA. TRACK w/ 1 1/4" LEG	362T125-33
3 5/8", 20 GA. TRACK w/ 2" LEG	362T125-33
3 5/8", 18 GA. TRACK w/ 1 1/4" LEG	362T125-43
3 5/8", 18 GA. TRACK w/ 2" LEG	362T125-43
8", 20 GA. TRACK w/ 1 1/4" LEG	600T125-33
8", 20 GA. TRACK w/ 2" LEG	600T125-33
8", 18 GA. TRACK w/ 1 1/4" LEG	600T125-43
8", 18 GA. TRACK w/ 2" LEG	600T125-43

DRYWALL STUDS FOR SEISMIC DESIGN CATEGORIES A & B ONLY

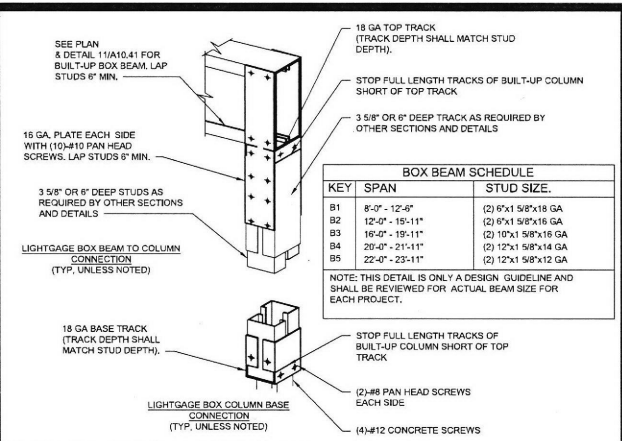
3 5/8", 20 GA. STUD w/ 1 1/4" FLANGE	362S125-30
3 5/8", 20 GA. TRACK w/ 1" FLANGE	362T100-30
8", 20 GA. STUD w/ 1 1/4" FLANGE	600S125-30
8", 20 GA. STUD w/ 1" FLANGE	600T100-30

TYPICAL HAT (FURRING) CHANNELS

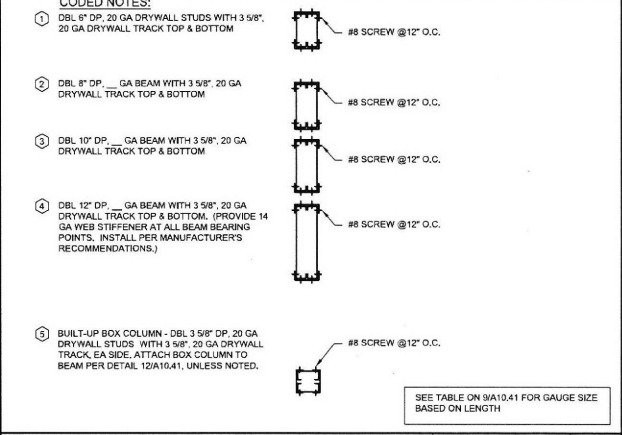
7/8", 25 GA. FURRING CHANNEL	087F125-18
7/8", 22 GA. FURRING CHANNEL	087F125-27

UNLESS NOTED, LIGHT GAGE FRAMING CONNECTIONS SHALL BE MADE USING #8 SCREWS. SEE DETAILS 1 & 2/A10.41 FOR DIAGONAL BRACING CONNECTIONS. AT LOCATIONS WHERE SHEATHING MATERIAL IS PLACED AGAINST THE SCREW HEADS OF LIGHTGAGE METAL FRAMING CONNECTIONS, PANCAKE HEAD SCREWS SHALL BE USED SO THAT THE SHEATHING MATERIAL REMAINS STRAIGHT AND SMOOTH.

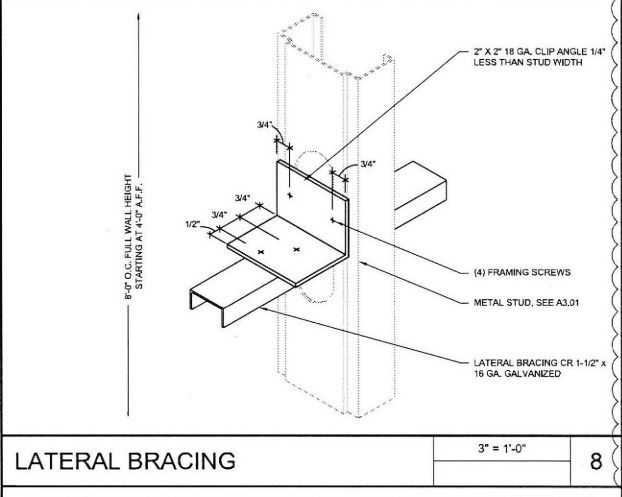
LIGHT GAGE METAL FRAMING (SEISMIC DESIGN CATEGORIES C, D, E & F) 1/2" = 1'-0" 11



LIGHTGAGE BOX COLUMN DETAIL 1 1/2" = 1'-0" 10



LIGHTGAGE BOX BEAM SCHEDULE 1/2" = 1'-0" 9



LATERAL BRACING 3" = 1'-0" 8

TABLE 1

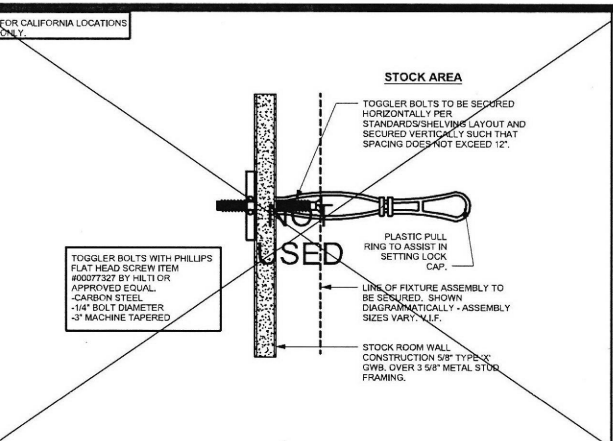
STUD SIZE MATRIX FOR ALL INTERIOR PARTITIONS

SEISMIC DESIGN CATEGORY C.

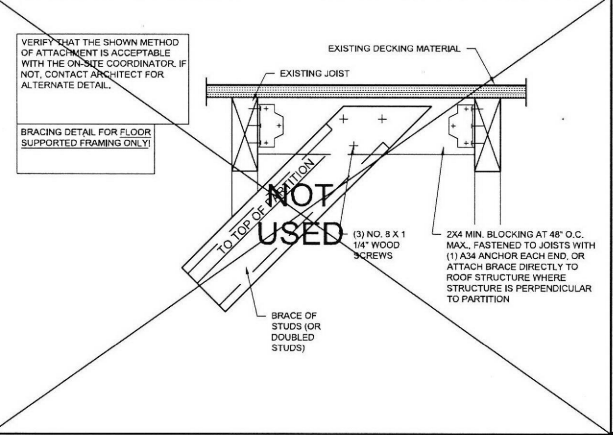
STUD DESIGNATION	STUD DEPTH	FLANGE WIDTH	STUD GAUGE	STUD SPACING	MAXIMUM WALL HEIGHT SPANNING FROM FLOOR TO DECK
362S182-33	3 5/8"	1 5/8"	16"	16"	22'-0"
362S182-43	3 5/8"	1 5/8"	18"	16"	25'-0"
362S182-54	3 5/8"	1 5/8"	16"	16"	28'-0"
600S182-33	6"	1 5/8"	20"	16"	30'-0"
600S182-43	6"	1 5/8"	18"	16"	35'-0"
600S182-54	6"	1 5/8"	16"	16"	38'-0"

NOTES:
 1. DESIGN BASED ON ALLOWABLE DEFLECTION OF L/200.
 2. DESIGN BASED ON F_y = 33 KSI FOR 3 5/8" & 6" STUDS LESS THAN 16 GAUGE.
 3. DESIGN BASED ON F_y = 50 KSI FOR 3 5/8", 18 GAUGE.
 4. PROVIDE HORIZONTAL BRACING PER DETAIL 10A10.41.
 5. DESIGN BASED ON MINIMUM 5 PSF LATERAL LOAD, OR LATERAL SEISMIC LOAD, WHICHEVER CONTROLS.
 6. TABLE IS VALID FOR UP TO (2) LAYERS OF 5/8" THK GYPSUM BOARD ON EACH SIDE OF METAL STUDS.

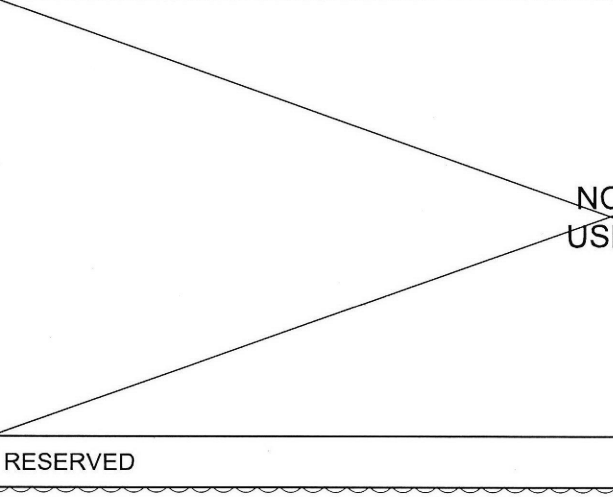
STUD SIZE MATRIX (SEISMIC DESIGN CATEGORIES C) 1/2" = 1'-0" 7



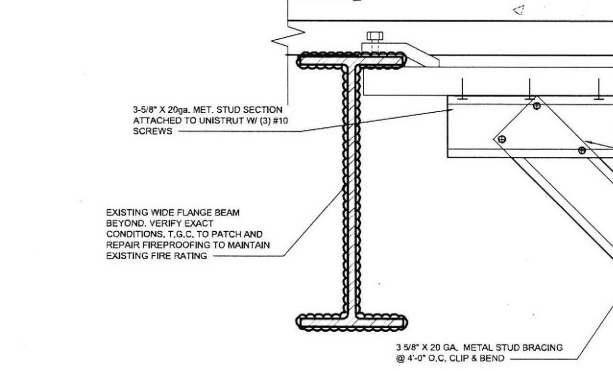
TOGGLE BOLT DETAIL 6" = 1'-0" 6



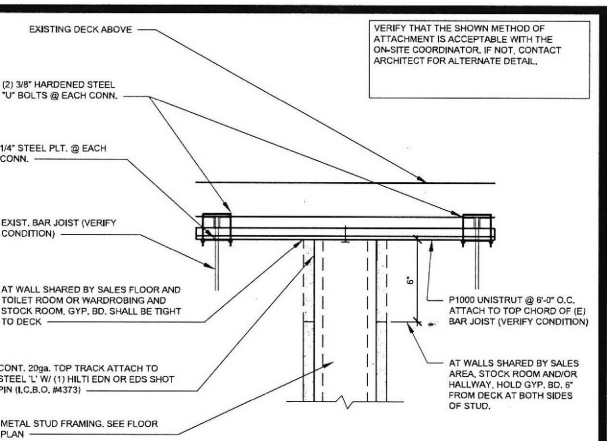
BRACING ATTACHMENT 3" = 1'-0" 5



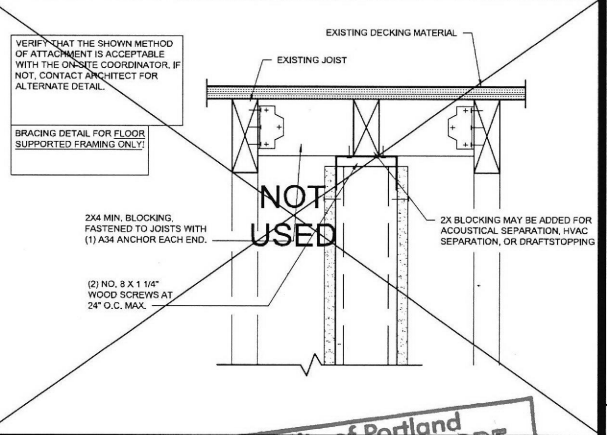
RESERVED 3" = 1'-0" 2



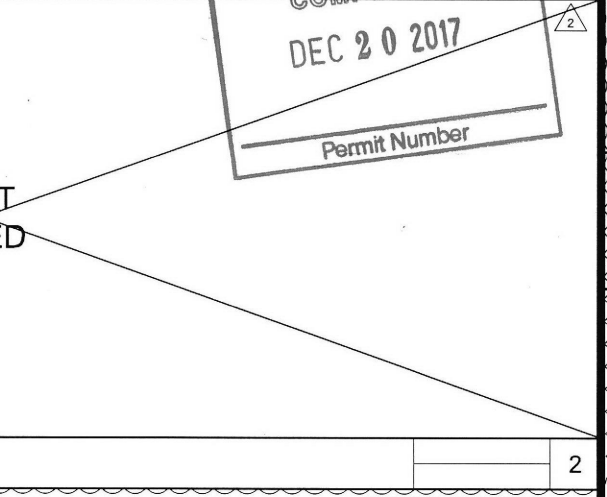
BRACING ATTACHMENT - TOP OF STRUCTURE 3" = 1'-0" 1



ATTACHMENT TO TOP OF STRUCT. 3" = 1'-0" 4



ATTACHMENT TO STRUCTURE FOR CODE COMPLIANCE 3" = 1'-0" 3



CONNECTION DETAILS 3" = 1'-0" 1

STORE 3125

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REVISIONS
 ISSUED FOR CONSTRUCTION
 08.02.2017

REGISTERED ARCHITECT
 ALAN S. ANDREAS
 MADISON, NJ
 LIC. NO. 8098
 STATE OF OREGON

DESIGN TYPE: 2016 SPRING PHOTO ALL DIV-601.005.002
THRU DCB:

CASCADE STATION
 8169 NE CASCADE PARKWAY
 PORTLAND, OREGON 97224

FRAMING CONNECTION DETAILS

DATE: 2017/08/02
 SCALE: AS NOTED
 DRAWN BY: A.S.
 REVIEWED BY: ASA
 PROJECT NUMBER: 17051
 SHEET: A10.41

APPROVED
 17.188501.REV.01.CC
 OUTLET