

Revisions

ISSUED FOR PERMIT	08.21.2015
1 Addendum 1	08.21.2015
ISSUED FOR BID	07.31.2015
NO ISSUE	DATE

Sheet Information

Date: AUGUST 21, 2015
Job #: 152188.023
Drawn: Author
Checked: Checker
Approved: Approver
Title:

PARTITION TYPES

Sheet
A00-40

Partition general notes

Note:
Partition designations omitted or skipped is intentional.

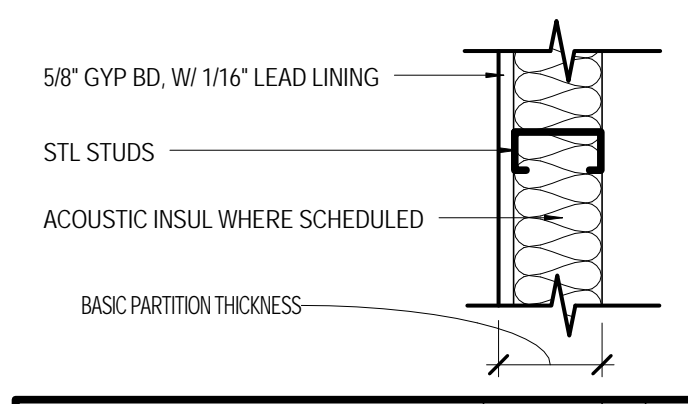
1. **General**
 - A. Refer to A04-02 series drawings for scheduled partition locations and types.
 - B. Reference room finish schedule for bases and final finishes not shown on partition types.
 - C. See supplemental details on A00-50 & A00-60 for specific head, jamb & base of wall conditions, for rated partitions refer to rated head conditions.
 - D. Construct rated partitions before non-rated.

2. **Framing**
 - A. All non-bearing partitions shall be constructed to limit deflection to L/240 with uniform 5 psf loading. Provide additional structure as required at all partitions to meet performance criteria, unless noted otherwise. Contractor shall verify all stud gauge and spacing to meet specified lateral loads and deflection criteria. Additional loading criteria is as follows:
Elevator hoistways: 10 psf
Mechanical shafts: 10 psf
Loading dock: 10 psf
 - B. Provide double stud framing at all jamb frames and raised cases openings, including diagonal bracing on corridor side above finished ceiling.
 - C. Isolate partition framing from structural elements to prevent the transfer of loads to partition assemblies. Install slip track assemblies per details.
 - D. Where control joints are required based upon specified frequency, and are not shown on interior elevations, locate control joints on both strike and swing side of doors. When providing control joints at doors does not meet the specified frequency, provide double stud control joint construction and verify location with the architect prior to proceeding with any installation of control joints.
 - E. Do not fasten studs or gypsum board panels to top runner / metal track. Use runner / track with 1-1/2" long flanges, min.
 - F. Provide adequate sheet metal or steel backing foall wall mounted architectural woodwork, finish carpentry, toilet partitions and accessories ansimilar mounted items.
 - G. Coordinate all framing assemblies with all adjacent building trades including but not limited to mechanical, plumbing and fire protection.
 - H. Refer to MEP and FP drawings for opening and penetration requirements at full height partitions.
 - I. Provide studs designed for sprinkler piping (empcorps-notch system or equal) at all locations where sprinkler piping is concealed within walls - verify locations with sprinkler contractor.

3. **Gypsum board**
 - A. Items shown or scheduled to be semi or fully recessed shall be installed flush with finish face of partition unless noted otherwise. Partition depth type shall be adjusted to accommodate the depth of recessed item or as directed by the architect.
 - B. Water resistant tile backer board wall panels shall be used on partition assemblies at locations scheduled in the room finish schedule.
 - C. Tape and apply joint compound to all interior corners and joints of gypsum board, unless noted otherwise for movement control.
 - D. Install metal casing / trim and apply joint compound to all exposed corners of gypsum board unless note otherwise.
 - E. Install metal reveals with concealed fasteners per manufactures instructions. Provide mitered corners, joints and intersections to all reveal conditions, and apply joint compound to conceal all reveal flanges.

Partition general notes continued

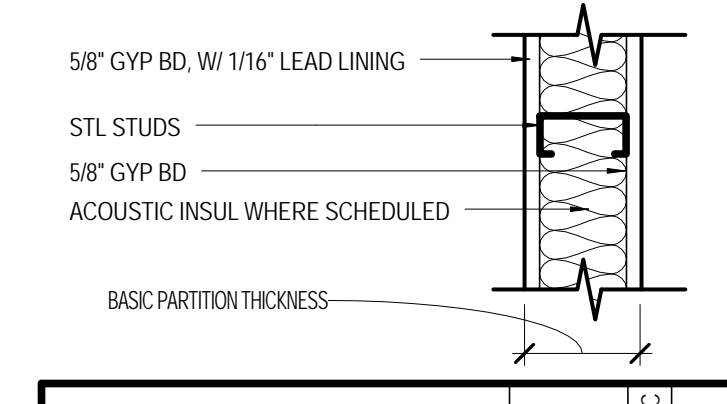
4. **Fire rated partitions**
 - A. Provide permanently stenciled identification above the ceiling at 4'-0" o.c on all corridor partitions, smoke partitions, horizontal exit partitions, exit enclosures, and fire rated walls. The identification shall be a minimum of 4" high and read as follows: "fire and smoke barrier - protect all openings".
 - B. Rated partitions are to be constructed before non rated partitions. Abut nonrated partitions to ratopartitions.
 - C. All fire-resistance rated partitions shall be constructed from top of non-finished floor construction to bottom of floor construction above.
 - D. All partitions noted to be fire-resistance rated shall be constructed in strict accordance with the referenced fire resistance test. If no test is referenced, provide an industry recognized fire resistance test or letter of engineering judgment for review prior to construction.
 - E. Fire rated head conditions and through penetrations, whether a sub-part of the referenced rated assembly, or as shown in detail represent typical head-of-wall conditions. Atypical conditions discovered during required trade coordination are required to maintain the integrity of the fire-resistance rating noted on the floor plans. Provide an industry recognized fire resistance test, or letter of engineering judgment, for all atypical conditions for review prior to construction.
 - F. All through penetrations in fire resistance rated partitions shall be sealed with materials and assemblies necessary to maintain the required fire resistance rating of the partition.
 5. **Sound resistance rating**
 - A. All partitions noted to be sound resistance rated, shall be constructed in strict accordance with the referenced test. Listed stc ratings with no referenced test assembly are estimated ratings.
 - B. All gypsum board partitions shall be constructed with sound attenuated insulation as scheduled. Insulation shall be continuous and without interruption.
 - C. All through penetrations in sound resistance rated partitions shall be sealed with acoustical sealant to maintain referenced sound resistance rating.
 - D. All through penetrations in all partitions noted to be sound resistance rated and fire resistance rated are required to be sealed with materials capable of meeting both sound and fire resistance ratings.
 - E. Provide acoustical pads around any items penetrating face of wall, such as junction boxes, outlets, switches, etc. Install acoustical 'putty pads' behind & around each j-box and maintain a minimum of 24" o.c. where back/back layouts may occur. Where outlets need to be relocated, notify architect immediately.
 - F. Provide acoustical sealant all around through floor pipe/duct penetration.
 - G. At all partitions install wall boards to maintain 1/8" min, 1/4" max joint between bottom edge of board and top of slab / floor. Fill joint with continuous bead of acoustic sealant.
 6. **Design thickness**
"EO" (equivalent design thickness). Use of a material with an equivalent design thickness is subject to the requirements of ASTM C645 and submission of third party testing in accordance with ICC ES AC36.



G

	G1L	G2L	G3L	G4L	G5L	G6L	G7L	G8L	G9L
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	G11	G21	G31	G41	G51	G61	G71	G81	G91
NON-RATED WITH GYP BD TO 6\"/>									

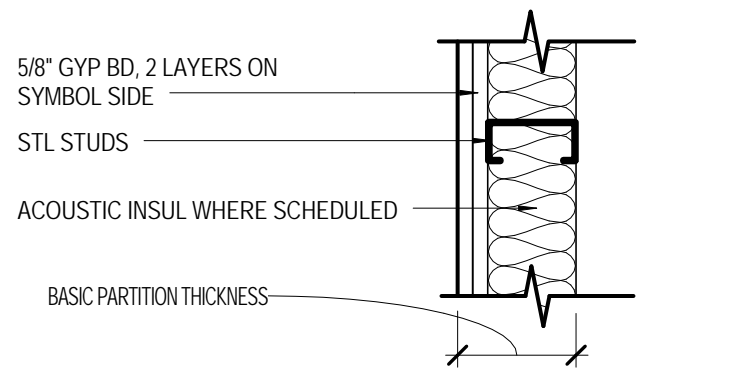
NOTE:
1. STCS ARE PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
2. STCS ARE BASED ON 0.018" THICK (25 GA) STUDS.
3. 1/16" LEAD LINED GWB ON ONE SIDE OF PARTITION. LEAD LINED GWB TO 7'-0" A.F.F.



F

	F1L	F2L	F3L	F4L	F5L	F6L	F7L	F8L
1-HR RATED WITH GYP BD TO STRUCTURE ABOVE	F10	F20	F30	F40	F50	F60	F70	F80
NON-RATED WITH GYP BD TO STRUCTURE ABOVE (SMOKE RESIST)	F11	F21	F31	F41	F51	F61	F71	F81
NON-RATED WITH GYP BD TO 6\"/>								

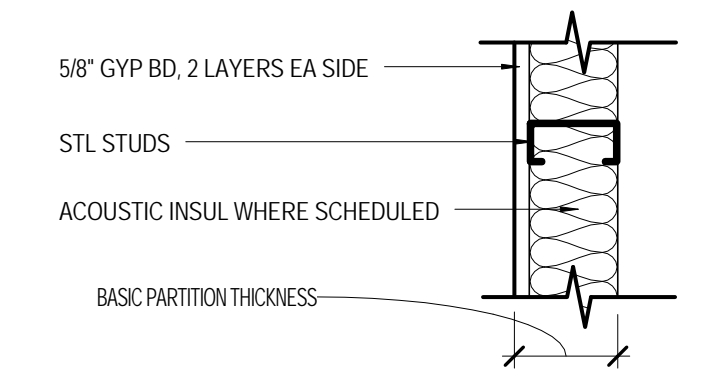
NOTE:
1. STC IS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
2. STC IS MODIFIED FROM THE REFERENCE.
3. STC IS BASED ON 0.018" THICK (25 GA) STUDS.
4. WHERE AN "X" NEXT TO THE PARTITION TAG, PROVIDE 3/4" PLYWOOD BEHIND THE GYP BD ON THE STORE ROOM SIDE.
5. 1/16" LEAD LINED GWB ON ONE SIDE OF PARTITION. LEAD LINED GWB TO 7'-0" A.F.F.



E

	E1L	E2L	E3L	E4L	E5L	E6L	E7L	E8L	E9L
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	E11	E21	E31	E41	E51	E61	E71	E81	E91
NON-RATED WITH GYP BD TO 6\"/>									

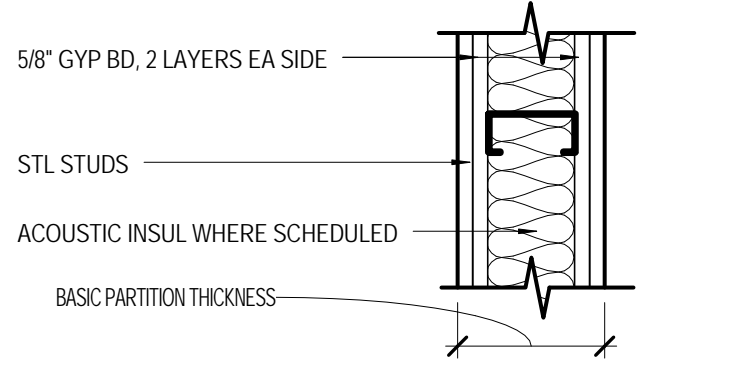
NOTE:
1. STCS ARE PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
2. STCS ARE BASED ON 0.018" THICK (25 GA) STUDS.



D

	D1L	D2L	D3L	D4L	D5L	D6L	D7L	D8L	D9L
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	D11	D21	D31	D41	D51	D61	D71	D81	D91
NON-RATED WITH GYP BD TO 6\"/>									

NOTE:
1. STCS ARE PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
2. STCS ARE BASED ON 0.018" THICK (25 GA) STUDS.



C

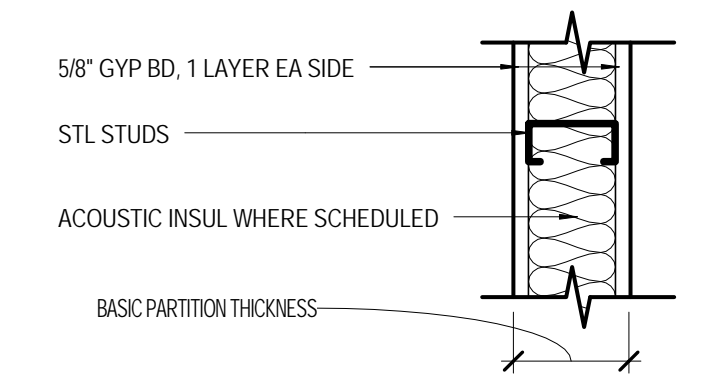
	C1L	C2L	C3L	C4L	C5L	C6L	C7L	C8L
2-HR RATED WITH GYP BD TO STRUCTURE ABOVE	C10	C20	C30	C40	C50	C60	C70	C80
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	C11	C21	C31	C41	C51	C61	C71	C81
STUD SIZE	2 1/2"	2 1/2"	3 5/8"	3 5/8"	4"	4"	6"	6"
BASIC PARTITION THICKNESS	5"	5"	6 1/8"	6 1/8"	6 1/2"	6 1/2"	8 1/2"	8 1/2"
ACOUSTICAL INSULATION THICKNESS	-	2"	-	3"	-	3"	-	5 1/2"
ACOUSTICAL TEST NUMBER	SIM BBN 77048	SIM USG 840818 NOTE 2	SIM BBN 77048	SIM USG 840818	SIM BBN 77048	SIM USG 840818	SIM BBN 77048	SIM USG 840818
FIRE TEST NUMBER (WHERE APPLICABLE)	UL DES U411	UL DES U411	UL DES U411	UL DES U411	UL DES U411	UL DES U411	UL DES U411	UL DES U411

NOTE:
1. STC IS MODIFIED FROM THE REFERENCE.
2. STC IS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
3. STC IS BASED ON 0.018" THICK (25 GA) STUDS.

B

	B1L	B2L	B3L	B4L	B5L	B6L	B7L	B8L	B9L
1-HR RATED WITH GYP BD TO STRUCTURE ABOVE	B20	B40	B60	B80	B100	B120	B140	B160	B180
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	B21	B41	B61	B81	B101	B121	B141	B161	B181
NON-RATED WITH GYP BD TO 6\"/>									

NOTE:
1. REVEALS ARE ACCEPTABLE IN THE OUTER LAYER OF DOUBLE GYPSUM BOARD AND STILL MAINTAIN THE 1-HR RATING.
2. STC IS PREDICTED USING "INSUL" COMPUTER PROGRAM.
3. STC IS BASED ON 0.018" THICK (25 GA) STUDS.



A

	A1L	A2L	A3L	A4L	A5L	A6L	A7L	A8L
1-HR RATED WITH GYP BD TO STRUCTURE ABOVE	A20	A40	A60	A80	A100	A120	A140	A160
NON-RATED WITH GYP BD TO STRUCTURE ABOVE (SMOKE RESIST)	A21	A41	A61	A81	A101	A121	A141	A161
NON-RATED WITH GYP BD TO 6\"/>								

NOTE:
1. STC IS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
2. STC IS MODIFIED FROM THE REFERENCE.
3. STC IS BASED ON 0.018" THICK (25 GA) STUDS.
4. WHERE AN "X" NEXT TO THE PARTITION TAG, PROVIDE 3/4" PLYWOOD BEHIND THE GYP BD ON THE STORE ROOM SIDE.