	G1_	STC	G2_	STC	G3_	STC	G4_	STC	G5_	STC	G6_	STC	G7_	STC	G8_	STC	G9_	STC
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	G11)—	27	G21)—	29	G31)—	27	G41)—	30	G51)—	27	G61)—	30	G71)—	27	G81)—	31	G91)—	26
NON-RATED WITH GYP BD TO 6" ABOVE CEILING	G12)—		G22)—		G32)—		G42)—		G52—		G62—		G72)—		G82)—		G92—	
NON-RATED WITH STUDS & GYP BD TO FINISHED CEILING	G13 —		G23—		G33)—		G43—		G53—		G63—		G73—		G83—		G93—	
STUD SIZE	2 1/2"		2 1/2"	2 1/2" 3 5/		3 5/8"		3 5/8"			4"		6"		6"		1 1/2"	
BASIC PARTITION THICKNESS	3 1/8"		3 1/8"	1/8" 4 1/4"			4 1/4"		4 5/8"		4 5/8"		6 5/8"		6 5/8"		2 1/8"	
LEAD LINED THICKNESS	1/16"		1/16"	1/16" 1/1		1/16"			1/16"		1/16"		1/16"		1/16"		1/16"	
ACOUSTICAL INSULATION THICKNESS	-		2"	-			3"		-		3"		-		5 1/2"		1"	
ACOUSTICAL TEST NUMBER	NOTE 1		NOTE 1		NOTE 1		NOTE 1		NOTE 1		NOTE 1		NOTE 1		NOTE 1		NOTE 1	
NOTE:																		

(E11) = |33| (E21) = |34| (E31) = |33| (E41) = |35| (E51) = |33| (E61) = |35| (E71) = |33| (E81) = |30| (E91) =

 $\boxed{\text{E13}}$ $\boxed{\text{E23}}$ $\boxed{\text{E33}}$ $\boxed{\text{E43}}$ $\boxed{\text{E53}}$ $\boxed{\text{E63}}$ $\boxed{\text{E73}}$ $\boxed{\text{E83}}$ $\boxed{\text{E93}}$

5 1/4"

3 5/8" 3 5/8"

4 7/8"

NOTE 1 NOTE 1

 (C10)
 49
 (C20)
 55
 (C30)
 48
 (C40)
 57
 (C50)
 48
 (C60)
 57
 (C70)
 50
 (C80)

3 5/8" 3 5/8" 4" 4"

5" 6 1/8" 6 1/8" 6 1/2" 6 1/2" 8 1/2"

SIM BBN SIM USG SIM BBN SIM USG

770408 840818 770408

4 7/8"

NOTE 1

5 1/4"

NOTE 1

7 1/4"

5 1/2"

NOTE 1

NOTE 1

C1010.10-4

7 1/4"

NOTE 1

770408

C1010.10-4C

840818

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

2 1/2"

3 3/4"

840818

FIRE TEST NUMBER (WHERE APPLICABLE) UL DES U411 UL DES UL DES UL DES UL DES

NOTE 1 NOTE 1

5/8" GYP BD, 2 LAYERS ON

ACOUSTIC INSUL WHERE SCHEDULED

BASIC PARTITION THICKNESS—

NON-RATED WITH GYP BD

TO STRUCTURE ABOVE NON-RATED WITH GYP BD

BASIC PARTITION THICKNESS

ACOUSTICAL TEST NUMBER

5/8" GYP BD, 2 LAYERS EA SIDE

BASIC PARTITION THICKNESS—

2-HR RATED WITH GYP BD

TO STRUCTURE ABOVE

NON-RATED WITH GYP BD

ACOUSTICAL INSULATION THICKNESS

STC IS MODIFIED FROM THE REFERENCE.

. STC IS BASED ON 0.018" THICK (25 GA) STUDS.

STC IS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.

ACOUSTICAL TEST NUMBER

TO STRUCTURE ABOVE

STUD SIZE

ACOUSTIC INSUL WHERE SCHEDULED

STL STUDS

NON-RATED WITH STUDS & GYP BD

ACOUSTICAL INSULATION THICKNESS

STC'S ARE PREDICTED USING THE "INSUL" COMPUTER PROGRAM.

STC'S ARE BASED ON 0.018" THICK (25 GA) STUDS.

TO 6" ABOVE CEILING

STUD SIZE

SYMBOL SIDE

STL STUDS -

C1010.10-4D

	F1_	STC	F2_	STC	F3_	STC	F4_	STC	F5_	STC	F6_	STC	F7_	STC	F8_	
1-HR RATED WITH GYP BD TO STRUCTURE ABOVE			F20—	46	F30 *	39	F40 *	47	F50—	39	F60—	47	F70—	40	F80—	
NON-RATED WITH GYP BD TO STRUCTURE ABOVE (SMOKE RESIST)	F11)—	39	F21 —	46	F31)—	39	F41)—	47	F51)—	39	F61—	47	F71)—	40	F81—	
NON-RATED WITH GYP BD TO 6" ABOVE CEILING	F12—		F22—		F32 —		F42—		F52—		F62—		F72—		F82—	
NON-RATED WITH STUDS & GYP BD TO FINISHED CEILING	F13—		F23—		F33—		F43—		F53—		F63—		F73—		F83—	
PARTIAL HEIGHT PARTITION. SEE FLOOR PLANS FOR HEIGHTS. NOTE 1.	F14)—		F24—		F34 —		F44—		F54—		F64—		F74—		F84—	
STUD SIZE	2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"	
BASIC PARTITION THICKNESS	3 3/4"		3 3/4"		4 7/8"		4 7/8"		5 1/4"		5 1/4"		7 1/4"		7 1/4"	
LEAD LINED THICKNESS	1/16"		1/16"		1/16"		1/16"		1/16"		1/16"		1/16"		1/16"	
ACOUSTICAL INSULATION THICKNESS	-		2"		-		3"		-		3"		-		5 1/2"	
ACOUSTICAL TEST NUMBER	SIM US0 860808		SIM SA 831001		SIM USG 860808		SIM USO 870717	ĵ	SIM USG 860808	ì	SIM SA 870717		SIM USG 860808 NOTE 3		SIM US0 870717 NOTE 4	
FIRE TEST NUMBER (WHERE APPLICABLE)	-		UL DES U419		UL DES U465		UL DES U465		UL DES U465		UL DES U465		UL DES U465		UL DES U465	
NOTE: 1. STC IS PREDICTED USING THE "INSUL"	COMPUTER	PRO	GRAM.													

STC IS PREDICTED USING THE "INSUL" COMPUTER PROGRAM STC IS MODIFIED FROM THE REFERENCE.

5/8" GYP BD, W/ 1/16" LEAD LINING -

ACOUSTIC INSUL WHERE SCHEDULED

BASIC PARTITION THICKNESS—

STL STUDS

5/8" GYP BD -

STC IS BASED ON 0.018" THICK (25 GA) STUDS WHERE AN * NEXT TO THE PARTITION TAG, PROVIDE 3/4" PLYWOOD BEHIND THE GYP BD ON THE STORE ROOM SIDE.

1/16" LEAD LINED GWB ON ONE SIDE OF PARTITION. LEAD LINED GWB TO 7'-0" A.F.F.

NSUL WHERE SCHEDULED —			_		D			
	D1_	STC	D2_	STC	D3_	STC	D4_	
WITH GYP BD URE ABOVE	D11)—	27	D21)—	29	D31)—	27	D41)—	
WITH GYP BD E CEILING	D12 —		D22)—		D32)—		D42)—	

STC'S ARE PREDICTED USING THE "INSUL" COMPUTER PROGRAM. STC'S ARE BASED ON 0.018" THICK (25 GA) STUDS.

8" GYP BD, 2 LAYERS EA SIDE	
TL STUDS	
COUSTIC INSUL WHERE SCHEDULED	
BASIC PARTITION THICKNESS	

	D1_	STC	D2_	STC	D3_	STC	D4_	STC	D5_	STC	D6_	STC	D7_	STC	D8_	STC	D9_	STC
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	(D11)—	27	D21)—	29	D31 —	27	D41)—	30	D51)—	27	D61)—	30	D71)—	27	D81)—	31	D91)—	26
NON-RATED WITH GYP BD TO 6" ABOVE CEILING	D12)—		D22)—		D32 —		D42)—		D52)—		D62)—		D72 —		D82 —		D92)—	
NON-RATED WITH STUDS & GYP BD TO FINISHED CEILING	D13—		D23—		D33 —		D43 —		D53—		D63—		D73—		D83—		D93—	
STUD SIZE	2 1/2"		2 1/2"	2 1/2"		3 5/8"		3 5/8"			4"		6"		6"		1 1/2"	
BASIC PARTITION THICKNESS	3 1/8"		3 1/8"	3 1/8"		4 1/4"			4 5/8"		4 5/8"		6 5/8"		6 5/8"		2 1/8"	
ACOUSTICAL INSULATION THICKNESS	-		2"	2"		-		3"			3"		-		5 1/2"		1"	
ACOUSTICAL TEST NUMBER	NOTE 1		NOTE 1		NOTE 1		NOTE 1		NOTE 1		NOTE 1		NOTE 1		NOTE 1		NOTE 1	
NOTE:																· ·		

5/8" GYP BD-2 LAYERS ON SYMBOL SIDE & 1 LAYER OTHER SIDE STL STUDS -ACOUSTIC INSUL WHERE SCHEDULED BASIC PARTITION THICKNESS—

STC IS PREDICTED USING "INSUL" COMPUTER PROGRAM.

STC IS BASED ON 0.018" THICK (25 GA) STUDS.

	B1_	STC	B2_	STC	B3_	STC	B4_	STC	B5_	STC	B6_	STC	B7_	STC	B8_	C.F.O
1-HR RATED WITH GYP BD TO STRUCTURE ABOVE			B20 —	46	B30 —	42	B40—	53	B50—	42	B60 —	53	B70—	44	B80—	· į
NON-RATED WITH GYP BD TO STRUCTURE ABOVE	B11)—	44	B21 —	51	B31)—	42	B41)—	53	B51 —	42	B61)—	53	B71 —	44	B81 —	. !
NON-RATED WITH GYP BD TO 6" ABOVE CEILING	B12)—		B22 —		B32 —		B42 —		B52 —		B62)—		B72 —		B82—	
NON-RATED WITH STUDS & GYP BD TO FINISHED CEILING	B13 —	-	B23 —		B33 —		B43 —		B53—		B63—		B73—		B83—	
PARTIAL HEIGHT PARTITION. SEE FLOOR PLANS FOR HEIGHTS. NOTE 1.	B14)—	-	B24 —		B34 —		B44)—		B54 —		B64)—		B74—		B84)—	
STUD SIZE	2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"	
BASIC PARTITION THICKNESS	4 3/8"		4 3/8"		5 1/2"		5 1/2"		5 7/8"		5 7/8"		7 7/8"		7 7/8"	
ACOUSTICAL INSULATION THICKNESS	-		2"		-		3"		-		3"		-		5 1/2"	
ACOUSTICAL TEST NUMBER		SIM TL 69-148		SIM SA 800504			SIM SA 800504		SIM TL 69-148		SIM SA 800504		SIM TL 69-148 NOTE 5		SIM SA 800504 NOTE 5	
FIRE TEST NUMBER (WHERE APPLICABLE)	-		UL DES U419 U448		UL DES U419		UL DES		UL DES U419		UL DES U419		UL DES U419		UL DES U419	;

C1010.10-4B

C1010.10-4A

C1010.10-4D

Partition general notes

Partition designations omitted or skipped is intentional.

- Refer to A04-02 series drawings for scheduled
- partition locations and types. 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. Construct rated partitions before non-rated.
- **Framing**
- 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: tbd B. Provide double stud framing at all jambs of ames and cased openings, including diagonalkicker 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. 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
- Coordinate all framing assemblies with all adjacent building trades including but not limited to mechanical, electrical, 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 pipinc(empcorspnotch system or equal) at all locations where sprinkler piping is concealed within walls - verify locations with sprinkler contractor.
- Gypsum board Items shown or scheduled to be semi or fully
- recessed shall be installed flush with finish face of partition unless noted otherwise. Partition depth ctype shall be adjusted to accommodate the depth of recessed item or as directed by the architect. Water resistant tile backer board wall panels shall be
- used on partition assemblies at locations scheduled in the room finish schedule.
- Tape and apply joint compound to all interior corners and joints of gypsum board, unless noted otherwise for movement control. Install metal casing / trim and apply joint compouto all
- exposed corners of gypsum board unless note otherwise. Install metal reveals with concealed fasteners per manufactures instructions. Provide mitered corners, joints and intersections to all reveal conditions, and

5/8" GYP BD, 1 LAYER EA SIDE

BASIC PARTITION THICKNESS—

1-HR RATED WITH GYP BD

NON-RATED WITH GYP BD

TO STRUCTURE ABOVE (SMOKE RESIST)
NON-RATED WITH GYP BD

NON-RATED WITH STUDS & GYP BD

PLANS FOR HEIGHTS. NOTE 1.

BASIC PARTITION THICKNESS

ACOUSTICAL TEST NUMBER

ACOUSTICAL INSULATION THICKNESS

FIRE TEST NUMBER (WHERE APPLICABLE)

STC IS MODIFIED FROM THE REFERENCE.

STC IS BASED ON 0.018" THICK (25 GA) STUDS

STC IS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.

TO STRUCTURE ABOVE

TO 6" ABOVE CEILING

ACOUSTIC INSUL WHERE SCHEDULED

STL STUDS -

apply joint compound to conceal all reveal flanges.

Partition general notes continued

Fire rated partitions

- 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".
- Rated partitions are to be constructed before nonrated partitions. Abut nonrated partitions to rate partitions. C. All fire-resistance rated partitions shall be constructed from top of non-finished floor construction to bottom of
- floor construction above. 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.

Sound resistance rating

- 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.
- 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.
- 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.
- 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

Design thickness

4 7/8"

SIM USG

860808

3 3/4"

SIM SA

831001

WHERE AN * NEXT TO THE PARTITION TAG, PROVIDE 3/4" PLYWOOD BEHIND THE GYP BD ON THE STORE ROOM SIDE.

3 3/4"

SIM USG

860808

5 1/4"

SIM USG

860808

UL DES UL DES UL DES UL DES UL DES UL DES

5 1/4"

SIM SA

870717

7 1/4"

SIM USG

860808 870717

SIM USG

C1010.10-4A

 A20
 46
 A30
 39
 A40
 47
 A50
 39
 A60
 47
 A70
 40
 A80

 A11
 39
 A21
 46
 A31
 39
 A41
 47
 A51
 39
 A61
 47
 A71
 40
 A81

 A12
 A22
 A32
 A42
 A52
 A62
 A72
 A82

 A13
 A23
 A33
 A43
 A53
 A63
 A73
 A83

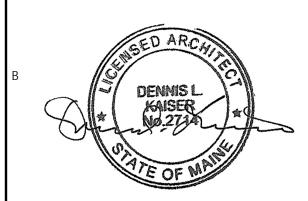
|(A14)-| |(A24)-| |(A34)-| |(A44)-| |(A54)-| |(A64)-| |(A74)-| |(A84)-| |

4 7/8"

SIM USG

870717

"EQ" (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 AC86.



PERKINS

Maine Medical Center

HYBRID OR &

22 Bramhall Street, Portland,

+WILL

225 Franklin St., Suite 1100 Boston, MA 02110

t 617.478.0300

f 617.478.0321 www.perkinswill.com

MaineHealth

OR#6

Maine 04102

AKF ENGINEERS

Boston, MA 02210 t 617.737.1111

STRUCTURAL ENGINEER

Waltham, MA 02453

t 781.907.9000 f 781.907.9009

f 617.737.4311

HEGER

41 Farnsworth Street, 3rd Floor

SIMPSON GUMPERTZ &

41 Seyon Street, Building 1, Suite 500

MEP ENGINEER

Revisions

	ISSUED FOR PERMIT	08.21.201
1	Addendum 1	08.21.201
	ISSUED FOR BID	07.31.201
NO	ISSUE	DATE
	Sheet In	formatio
Date) AUG	UST 21, 201
Job	#	152168.02

PARTITION TYPES

Copyright © 2015 Perkins+Will