Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 07/12/13

WALL TYPE SCHEDULE

1

LAYER OF ⅝" GYPSUM BOARD
4 MIL. POLYETHYLENE VAPOR BARRIER
6" 18 GA. METAL STUDS AT 24" O.C.
R-19 FIBERGLASS BATT INSULATION
⅝" FIBERGLASS-MAT FACED GYPSUM SHEATHING
TYVEK COMMERCIAL BUILDING WRAP
1" RIGID INSULATION
AIR SPACE
GRANITE OR BRICK MASONRY VENEER

STC: —
U.L.# U419 1 HR.

PROVIDE 1 HR. RATED CONSTRUCTION ONLY WHERE SHOWN ON FLOOR PLANS FOR THIS WALL TYPE, WHERE INDICATED ON PLANS TO BE 1 HR. RATED-PROVIDE TYPE X SHEETROCK AND INSTALL WALL AS REQUIRED FOR UL LABEL.

2

⅝" GYPSUM BOARD
3 ⅝" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
⅝" GYPSUM BOARD

STC: 45
U.L.# N/A

LOCATION: TYPICAL INTERIOR WALL TYPE UNLESS NOTED OTHERWISE.

NOTE: EXTEND CONSTRUCTION TO GYP. BD. FINISH CEILING EXCEPT AT A RESTROOM, EXTEND TO DECK ABOVE. BRACE TO ADJACENT STRUCTURE AT 4'-0" O.C.

3

⅝" GYPSUM BOARD
6" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
⅝" GYPSUM BOARD

STC: 45
U.L.# N/A

LOCATION: SEE PLANS.

NOTE: EXTEND CONSTRUCTION 2" MINIMUM ABOVE FINISH CEILING EXCEPT AT A RESTROOM, EXTEND TO DECK ABOVE. BRACE TO ADJACENT STRUCTURE AT 4'-0" O.C.

4

TWO LAYERS OF ⅝" GYPSUM BOARD
3 ⅝" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
TWO LAYERS OF ⅝" GYPSUM BOARD

STC: 55
U.L.# 419 2 HR.

LOCATION: VERTICAL SHAFTS EXTENDING MORE THAN THREE STORIES.

NOTE: EXTENDS CONSTRUCTION 2" MINIMUM ABOVE FINISH CEILING EXCEPT AT A RESTROOM, EXTEND TO DECK ABOVE. BRACE TO ADJACENT STRUCTURE AT 4'-0" O.C.

5

FACE LAYER - ⅝" TYPE X GYPSUM BOARD
BASE LAYER - ⅝" TYPE X ACOUSTICAL GYPSUM BOARD
6" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
TWO LAYERS OF ⅝" TYPE X GYPSUM BOARD

STC: 61
U.L.# 419 2 HR.

LOCATION: ELEVATOR SHAFTS, STAIRWELLS.

NOTE: EXTEND CONSTRUCTION TO BOTTOM OF FLOOR/ROOF DECK

6

⅝" TYPE X GYPSUM BOARD
½" RESILIENT METAL CHANNEL
3 5/8" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
⅝" TYPE X GYPSUM BOARD

STC: 55
U.L.# U419 1 HR.

LOCATION: CORRIDOR WALLS AT GUESTROOMS & RESIDENCES

NOTE: EXTEND CONSTRUCTION TO UNDERSIDE OF FLOOR/ROOF DECK ABOVE AND SEAL.

7

TWO LAYERS OF ⅝" TYPE X GYPSUM BOARD
½" RESILIENT METAL CHANNEL
6" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
⅝" TYPE X GYPSUM BOARD

STC: 58
U.L.# U419 1 HR.

LOCATION: GUESTROOM AND RESIDENCE DEMISING WALLS

NOTE: EXTEND CONSTRUCTION TO GYPSUM BOARD CEILING. SEE DTL. 3/A0.1 & 4/A0.1.

8

TWO LAYERS ⅝" TYPE X GYPSUM BOARD
½" RESILIENT METAL CHANNEL
3 5/8" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
⅝" TYPE X GYPSUM BOARD

STC: 56
U.L.# U419 1 HR.

LOCATION: GUESTROOM AND RESIDENCE DEMISING WALLS

NOTE: EXTEND CONSTRUCTION TO GYPSUM BOARD CEILING

9

⅝" TYPE X GYPSUM BOARD
½" RESILIENT METAL CHANNEL
3 ⅝" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
⅝" TYPE X MOISTURE RESISTANT GYPSUM BOARD CONTINUOUS BEHIND SHOWER/TUB ENCLOSURE TO FINISH FLOOR
⅝" TYPE X MOISTURE RESISTANT GYPSUM BOARD EXTEND FROM CEILING DOWN TO TOP OF SHOWER/TUB ENCLOSURE

STC: 54
U.L.#419 1 HR.

LOCATION: GUESTROOM & RESIDENCE TUB/SHOWER WALLS AT CORRIDOR OR DEMISING PARTITIONS

NOTE: @ DEMISING WALLS-EXTEND CONSTRUCTION TO GYPSUM BOARD CEILING.
@ CORRIDOR WALLS-EXTEND CONSTRUCTION TO U/S DECK ABOVE AND SEAL.

9A

⅝" TYPE X GYPSUM BOARD
½" RESILIENT METAL CHANNEL
6" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
⅝" TYPE X MOISTURE RESISTANT GYPSUM BOARD CONTINUOUS BEHIND SHOWER/TUB ENCLOSURE TO FINISH FLOOR
⅝" TYPE X MOISTURE RESISTANT GYPSUM BOARD EXTEND FROM CEILING DOWN TO TOP OF SHOWER/TUB ENCLOSURE

STC: 54
U.L.#419 1 HR.

LOCATION: GUESTROOM & RESIDENCE TUB/SHOWER WALLS AT CORRIDOR OR DEMISING PARTITIONS

NOTE: IF TUB/SHOWER ON BOTH SIDES OF WALL-USE 2 LYRS. MOISTURE RESISTANT GYP. BD. BOTH SIDES OF WALL.
NOTE: @ DEMISING WALLS-EXTEND CONSTRUCTION TO GYPSUM BOARD CEILING.
@ CORRIDOR WALLS-EXTEND CONSTRUCTION TO U/S DECK ABOVE AND SEAL.

10

1" GYPSUM PANEL LINER
2½" 25 GA. METAL "C-H" STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
TWO LAYERS OF ½" TYPE C GYPSUM BOARD

STC: 50
U.L.# U415 2 HR.

LOCATION: LINEN CHUTE, MECHANICAL SHAFTS.

NOTE: EXTEND CONSTRUCTION TO UNDERSIDE OF FLOOR/ROOF DECK

11

⅝" GYPSUM BOARD
25 GA. METAL STUDS AT 24" O.C.-2½" STUDS U.N.O.
FIBERGLASS BATT SOUND INSULATION

STC: —
U.L.# —

LOCATION: FURRED WALLS, WHERE SHOWN ON PLANS

NOTE: EXTEND TO 2" ABOVE SUSPENDED ACOUSTIC CEILING, OR TERMINATE AT GYP. BD. CEILING.

12

TWO LAYERS ½" TYPE C GYPSUM BOARD
½" RESILIENT METAL CHANNEL
6" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
TWO LAYERS ½" TYPE C GYPSUM BOARD

STC: 60
U.L.# U453 2 HR.

LOCATION: BETWEEN GUESTROOM/RESIDENCES AND MECHANICAL ROOMS, PUBLIC SPACES

NOTE: EXTEND TO UNDERSIDE OF GYPSUM CEILING AT GUESTROOMS AND RESIDENCES. EXTEND TO UNDERSIDE OF DECK ABOVE AT MECHANICAL SPACES.

13

⅝" GYPSUM BOARD
3 5/8" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
3 5/8" 25 GA. METAL STUDS AT 24" O.C.
⅝" GYPSUM BOARD

STC: —
U.L.# U419 1 HR.

LOCATION: WALLS AT FIRST FLOOR STRUCTURAL BRACES

NOTE: EXTEND CONSTRUCTION 2" MINIMUM ABOVE FINISH CEILING OR TO U/S OF GYP. BD. CEILING. BRACE TO ADJACENT STRUCTURE AT 4'-0" O.C. AS REQUIRED.

14

⅝" TYPE X GYPSUM BOARD
3 ⅝" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
⅝" TYPE X GYPSUM BOARD

STC: 45
U.L.# U419 1 HR.

LOCATION: WHERE NOTED ON PLANS

NOTE: EXTEND CONSTRUCTION TO UNDERSIDE OF FLOOR/ROOF DECK

15

⅝" GYPSUM BOARD
6" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
⅝" GYPSUM BOARD

STC: 45
U.L.# U419 1 HR.

LOCATION: WHERE NOTED ON PLANS

NOTE: EXTEND CONSTRUCTION TO UNDERSIDE OF FLOOR/ROOF DECK

16

TWO LAYERS OF ⅝" TYPE X GYPSUM BOARD
8" 25 GA. METAL STUDS AT 24" O.C.
FIBERGLASS BATT SOUND INSULATION
TWO LAYERS OF ⅝" TYPE X GYPSUM BOARD

STC: 54
U.L.# 419 2 HR.

LOCATION: WHERE SHOWN ON PLANS.

NOTE: EXTEND CONSTRUCTION TO U/S OF FLOOR/ROOF DECK ABOVE AND SEAL.

17

⅝" GYPSUM BOARD
2½" 25 GA. METAL STUDS AT 24" O.C.
⅝" GYPSUM BOARD

LOCATION: SIDE WALL AT GUESTROOM ENTRY CLOSET

NOTE: EXTEND CONSTRUCTION TO GYPSUM BOARD CEILING

NOTES:
1. ALL BUILDING WRAP JOINTS TO BE TAPED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
2. ALL COMMON AREA REST ROOM WALL COMPONENTS TO EXTEND TO UNDERSIDE OF DECK.
3. ALL COMPONENTS OF RATED WALLS TO EXTEND TO UNDERSIDE OF DECK AND FIRESTOPPED WITH THE REQUIREMENTS OF IBC SECTION 714.
4. PROVIDE DEFLECTION TRACK WHERE WALLS ATTACHED TO LONG STRUCTURAL MEMBERS. DESIGN BY LIGHT GAGE CONTRACTOR.
5. WOOD BLOCKING TO BE INSTALLED AT ALL CABINET, CHAIR RAIL, COUNTERTOP, BATHROOM ACCESSORIES, WINDOW TREATMENTS, RAILING, CLOSET SHELVES AND RODS, AND AT MISCELLANEOUS LOCATIONS AS REQUIRED.
6. WHEN INSULATION IS INSTALLED IN WALLS USE SPRAY ADHESIVE OR OTHER ACCEPTABLE METHOD TO HOLD IN PLACE UNTIL COVERED WITH SHEATHING. MECHANICALLY FASTEN AT AREAS WITHOUT SHEATHING.
7. STC AND IIC RATINGS SHALL BE IN ACCORDANCE WITH ASTM E90 AND ASTM E492, RESPECTIVELY. PROVIDE ACOUSTICAL SEALANT AT BASE OF WALLS BETWEEN GUESTROOMS AND DWELLING UNITS
8. RATED WALL ASSEMBLIES SHALL BE INSTALLED PER U.L. ASSEMBLY NUMBER. REFER TO U.L. LISTING FOR SPECIFIC INSTALLATION REQUIREMENTS.
9. WHERE TILE IS INDICATED ON THE PLANS SUBSTITUTE 5/8" "DENS-SHIELD FIREGUARD" TILE BACKER BOARD WHERE TILE IS TO BE APPLIED.
10. SUBSTITUTE 5/8" TYPE X MOISTURE RESISTANT G.W.B. AT BATHROOMS AND OTHER AREAS SUBJECT TO DAMP OR WET CONDITIONS THAT DO NOT RECEIVE TILE.
11. NON-RATED WALL ASSEMBLIES SHALL NOT PENETRATE FIRE-RATED FLOOR/CEILING ASSEMBLIES.
12. GYPSUM BOARD SHALL BE CONTINUOUS BEHIND TUB/SHOWER ENCLOSURES AT FIRE-RATED WALL ASSEMBLIES. PROVIDE ADDITIONAL LAYER AT THESE LOCATIONS.
13. EXTERIOR LIGHT GAGE STEEL FRAMING IS SCHEMATICALLY SHOWN AND DESIGN IS TO BE BY OTHERS. REFER TO STRUCTURAL DRAWINGS AND NOTES.
14. MAXIMUM HEIGHT FOR NON-STRUCTURAL INTERIOR WALLS SHALL BE IN ACCORDANCE WITH SSMA "LIMITING WALL HEIGHT TABLES NON-COMPOSITE / COMPOSITE".
15. ALL HOURLY FIRE RATINGS SHOWN ARE THE MAXIMUM ALLOWED FOR THAT ASSEMBLY. REFER TO FLOOR PLANS FOR REQUIRED HOURLY FIRE RATING OF SEPARATION ASSEMBLIES.
16. ALL 1 HOUR FIRE-RATED WALL ASSEMBLIES TO BE FRAMED TO THE UNDERSIDE OF THE 2 HOUR FIRE-RATED FLOOR/CEILING ASSEMBLIES UNLESS NOTED OTHERWISE. 1 HOUR FIRE-RATED WALL ASSEMBLIES SHALL NOT PENETRATE 2 HOUR FIRE-RATED FLOOR/CEILING ASSEMBLIES.
17. ALL FIRE-RATED WALL ASSEMBLIES SHALL BE IDENTIFIED WITH SIGNS OR STENCILING IN ACCORDANCE WITH IBC SECTION 703.6.
18. PROVIDE 10 MIL POLY VAPOR BARRIER AT WALLS AND CEILING ENCLOSING POOL AREA. SEAL ALL JOINTS, PENETRATIONS AND SEAMS.

HORIZONTAL ASSEMBLY TYPES

1 & 2 HR. RATED (U.L. ASSEMBLY #G561)

1 & 2 HR. RATED (U.L. ASSEMBLY #G205)

3 HR. RATED (U.L. ASSEMBLY #G512)

2 HR. RATED (NER-258)
HORIZONTAL SHAFT BOTTOM ENCLOSURE

REVISION SCHEDULE

DATE	REVISION DESCRIPTION	BY
05-29-13	CHANGED ALL THERMAFIBER INSULATION TO FIBERGLASS BATTS. REVISED WALL TYPES 2, 5.	
07-09-13	REVISED WALL TYPE 1-ADDED NOTE RE:FIRE RATING.	

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WALL TYPES

PROJECT:
COMMERCIAL & MAPLE STREET
MIXED USE DEVELOPMENT
PORTLAND, ME

DATE: 05-09-13
SCALE: SEE PLAN
DRAWN BY: KPH
SHEET: A0.4