WALL TYPES

Ex1 R-Value=29 STC=58+/-
Exterior Wood Clad Wall
[1] Along West Side of Structure provide 5/8" Type "X" GWB and 5 1/2" mineral wool insulation for 1 hour protection prescriptively per Table 720.1(2) Item 16-1.3

- PREFINISHED WOOD SIDING
- 1x3 PT VERTICAL FURRING STRIPS
- 2" RIGID CONTINUOUS INSULATION
- WEATHER BARRIER OVER 1/2" PLYWOOD SHEATHING W/
- 2x8 FRAMING W/ CAVITY INSUL.
- (1) LAYER OF 5/8" PTD. GWB[1]

1 HR RATED WHERE INDICATED ON PLANS

Ex2 R-Value=29 STC=58+/-
Exterior Brick Wall
[1] Along West Side of Structure provide 5/8" Type "X" GWB and 5 1/2" mineral wool insulation for 1 hour protection prescriptively per Table 720.1(2) Item 16-1.3

- BRICK VENEER
- 1 1/2" AIRSPACE
- WEATHER BARRIER OVER 1/2" PLYWOOD SHEATHING W/
- 2x6 FRAMING W/ CAVITY INSUL.
- (1) LAYER OF 5/8" PTD. GWB[1]

1 HOUR RATED WHERE INDICATED ON PLANS

Ex3 R-Value=29 STC=58+/-
Exterior Metal Clad Wall

- PTD. COMPOSITE METAL SIDING
- 1x3 PT VERTICAL FURRING STRIPS
- 2" RIGID CONTINUOUS INSULATION
- WEATHER BARRIER OVER 1/2" PLYWOOD SHEATHING W/
- 2x6 FRAMING W/ CAVITY INSUL.
- (1) LAYER OF 5/8" PTD. GWB

PARTITION TYPES

A1 / A1a NON RATED INTERIOR WALL, 2x4 — SIM. TO A1 W/ SOUND ATTENUATION BATTS
- 2x4 WOOD STUD
- 3 1/2" MINERAL WOOL BATTS (Type A1a ONLY)
- (1) LAYER OF 5/8" GYP EA SIDE
- 5"

A2 / A2a NON RATED INTERIOR WALL, 2x6 — SIM. TO B2 W/ SOUND ATTENUATION BATTS
- 2x6 WOOD STUD
- 3 1/2" MINERAL WOOL BATTS (Type A2a ONLY)
- (1) LAYER OF 5/8" GYP EA SIDE
- 7"

D1 TYP UNIT DEMISING WALL AT STAIRWELL 1-HOUR RATED PARTITION WALL, UL-U327 STC-54
- WALL TO BE TIGHT TO UNDERSIDE OF ROOF SHEATHING, PROVIDE FIRE CAULK AT JOINT, TYP AT PERIMETER
- 2x6 WOOD STUD WALL W/ 3 1/2" MINERAL WOOL BATT FILL
- 1/2" RESILIENT CHANNEL
- (1) LAYER OF 5/8" GYP EA SIDE
- 7 1/2"

D2 ELEVATOR HOISTWAY WALL 2 HOUR RATED WALL, UL-U305
- WALL TO BE TIGHT TO UNDERSIDE OF ROOF SHEATHING, PROVIDE FIRE CAULK AT JOINT, TYP AT PERIMETER
- 2x6 WOOD STUD WALL W/ 5 1/2" MINERAL WOOL BATT FILL
- (2) LAYERS OF 5/8" TYPE "X" GYP ON EA SIDE
- 8"

F1 INTERIOR FURRING AS REQUIRED
- OTHER WALL/ AIR SPACE AS INDICATED ON PLANS
- WOOD FURRING OR FRAMING AS REQUIRED, SEE PLANS FOR LOCATIONS
- (1) LAYER OF 5/8" GYP
- VARIES

General Notes:
1. Refer to Project Specifications for Material Selections and Requirements

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FLOOR ASSEMBLIES

Z1 TYPICAL 2ND, 3RD, 4TH FLOOR ASSEMBLY
Wood Construction
1-HR Rated Horizontal Dwelling Unit Separation Assembly UL-L570
STC-64; IIC 62
- ENGINEERED WOOD FLOORING, TYP OR (OTHER FINISH AS SPEC'D)
- 1" GYPSUM TOPPING, SEE SPEC
- 1/4" SOUND UNDERLAYMENT, SEE SPEC
- 3/4" PLYWOOD SUBFLOOR OVER OPEN WEB TRUSSES, SEE STRUCTURAL
- 3 1/2" MINERAL WOOL BATT INSULATION
- (2) LAYERS OF 5/8" TYPE "X" GYP OVER 1/2" RESILIENT CHANNELS AT 24" O.C.
- RESIDENTIAL / RESIDENTIAL

Z1a 2ND FLOOR ASSEMBLY - MIN. R-30 INSULATION IN CAVITY

Z1b 4TH FLOOR ASSEMBLY - (1) LAYER OF 5/8" GYP BOARD OVER 1/2" RESILIENT CHANNELS AT 24" O.C.

Z2 TYPICAL FLOOR ASSEMBLY AT EXTERIOR DECKS
Wood Construction
1-HR Rated Horizontal Dwelling Unit Separation Assembly
American Wood Council Report No: WHI-651-0311.1
STC-60 est; IIC 60 est.
- 3/4" PLYWOOD DECKING OVER 2X10 JOISTS, SEE STRUCTURAL
- MIN. R-49 INSULATION
- (2) LAYERS OF 5/8" TYPE "X" GYP OVER 1/2" RESILIENT CHANNELS AT 24" O.C.
- EXTERIOR / RESIDENTIAL

Z3 TYPICAL ROOF STRUCTURE ASSEMBLY
Wood Construction
Non-Rated STC-52 est; IIC 52 est.
- 3/4" PLYWOOD DECKING OVER OPEN WEB TRUSSES, SEE STRUCTURAL
- MIN. R-49 INSULATION
- TOP OF ROOF SHEATHING
- SAME AS "Z1"
- (2) LAYERS OF 5/8" TYPE "X" GYP OVER 1/2" RESILIENT CHANNELS AT 24" O.C.
- RESIDENTIAL

Z5 TYPICAL SLAB-ON-GRADE ASSEMBLY
R-Value = 11
- CONCRETE SLAB REFER TO STRUCT. FOR CONC. DEPTH AND REINF SIZES
- 15mil VAPOR BARRIER, SEE SPEC
- 2" XPS INSULATION, SEE SPEC
- 12" MIN CRUSHED STONE, SEE SPEC

ROOF COVERING ASSEMBLIES

RF-1 TYPICAL ROOF COVERING ASSEMBLY
R-Value = 27
Minimum Class C
- ROOFING MEMBRANE AS SPECIFIED
- PROTECTION BOARD (NOT REQUIRED AT GREEN ROOF)
- TAPERED INSULATION SLOPED 1/8" PER FOOT MIN TO ROOF DRAIN
- 4" POLYISO RIGID INSULATION AS SPECIFIED

RF-2 TYPICAL GREEN ROOF
R-Value = 27
Minimum Class C
- 1" PRE-VEGETATED SEDUM MAT
- 2 1/2" GROWTH MEDIA
- 1" NEEDLED MINERAL WOOL WATER RETENTION LAYER
- DRAINAGE LAYER

PARTITION TYPES
SCALE: 1" = 1'-0"

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