

WALL TYPES

<p>3/8" BRICK AS SPECIFIED 2" AIR SPACE 1/2" RIGID INSULATION AS SPECIFIED</p> <p>(1) LAYER OF 1/2" EXTERIOR GYP SHEATHING AS SPECIFIED AIR BARRIER AS SPECIFIED 6" 20 GA. COLD FORMED METAL FRAMING (SEE STRUCT) W/ 3 1/2" MINERAL WOOL BATT INSULATION (2) LAYERS OF 5/8" TYPE "X" PTD. GWB</p> <p>1'-3"</p> <p>COMPONENTS WITHIN 2-HR EXTERIOR WALL ARE TO CONFORM WITH NFPA 285 ANY WOOD USED WITHIN EXTERIOR WALL TO BE FIRE-RETARDANT TREATED (FRTW)</p>	<p>1" METAL PANEL AS SPECIFIED 7/8" GALVANIZED HAT CHANNEL 1/2" RIGID INSULATION AS SPECIFIED</p> <p>(2) LAYERS OF 5/8" EXTERIOR GYP SHEATHING AS SPECIFIED 6" 20 GA. COLD FORMED METAL FRAMING (SEE STRUCT) W/ 3 1/2" MINERAL WOOL BATT INSULATION (2) LAYERS OF 5/8" TYPE "X" PTD. GWB E2a ONLY, 2" THICK PRECAST VENEER PANELS IN LIEU OF METAL PANEL AND HAT CHANNEL</p> <p>11 7/8" E2 1'-0 1/2" E2a</p> <p>COMPONENTS WITHIN 2-HR EXTERIOR WALL ARE TO CONFORM WITH NFPA 285 ANY WOOD USED WITHIN EXTERIOR WALL TO BE FIRE-RETARDANT TREATED (FRTW)</p>	<p>PRIMARY STRUCTURAL CONCRETE CORE REF. TO STRUCT. FOR SIZING</p> <p>3" RIGID INSULATION WITH TAPED JOINTS AS SPECIFIED</p> <p>4" MIN. SECONDARY CONCRETE CORE</p> <p>4" 3" VARIES</p>	<p>1/2" PROTECTION BOARD, SEE SPEC 1/2" RIGID INSULATION AS SPECIFIED DAMP-PROOFING, SEE SPEC CONCRETE FOUNDATION WALL REF. TO STRUCT. FOR SIZING</p> <p>8 1/2" 1 1/2"</p>	<p>7 5/8" CONCRETE MASONRY UNITS</p>	<p>7/8" HAT CHANNEL (BOTH SIDES IF B4a) 5/8" GYP (BOTH SIDES IF B4a) 7 5/8" CONCRETE MASONRY UNITS</p> <p>9"</p>
<p><b>Ex1</b> 2 HOUR RATED WALL, UL-U423 R-Value=23 STC=58+/- Exterior Brick Wall Nominal 4" wide brick on exterior face provides 2 hour protection prescriptively per Table 720.1(2) Item 1-1.2</p>	<p><b>Ex2</b> 2 HOUR RATED WALL, UL-U423 R-Value=23 STC=55+/- Exterior Metal Panel Wall <b>Ex2a</b> Sim. to E2 with Precast Veneer Panels</p>	<p><b>Ex3</b> EXTERIOR CONCRETE INSULATED SANDWICH WALL R-Value=19 (Mass Wall) STC=60+ REF. TO STRUCTURAL FOR MORE INFORMATION</p>	<p><b>Ex4</b> EXT FOUNDATION WALL R-Value=11 REF. TO STRUCT. FOR CONC. THICKNESS</p>	<p><b>B1</b> NON RATED CMU WALL, 8" <b>B1a</b> NON RATED CMU WALL, 6"</p>	<p><b>B2</b> 2 HOUR RATED WALL, UL-U905 at Elevator</p>

<p>2x4 WOOD STUD 3/12" MINERAL WOOL BATTS (Type A1a ONLY) (1) LAYER OF 5/8" GYP EA SIDE (ONE SIDE ONLY TYPE A1b)</p> <p>4 1/4"</p>	<p>2x6 WOOD STUD 3/12" MINERAL WOOL BATTS (Type A2a ONLY) (1) LAYER OF 5/8" GYP EA SIDE</p> <p>6 3/4"</p>	<p>WALL TO BE TIGHT TO UNDERSIDE OF ROOF SHEATHING, PROVIDE FIRE CAULK AT JOINT, TYP AT PERIMETER</p> <p>1" GAP BETWEEN WALLS</p> <p>DBL 2x4 WOOD STUD WALL W/ 3/12" MINERAL WOOL BATT FILL BOTH WALLS (1) LAYER OF 5/8" GYP EA SIDE</p> <p>UNIT UNIT</p> <p>9 1/4"</p>	<p>WALL TO BE TIGHT TO UNDERSIDE OF ROOF SHEATHING, PROVIDE FIRE CAULK AT JOINT, TYP AT PERIMETER</p> <p>2x6 WOOD STUD WALL W/ 3/12" MINERAL WOOL BATT FILL 1/2" RESILIENT CHANNEL ON CORRIDOR SIDE (1) LAYER OF 5/8" GYP EA SIDE</p> <p>CORRIDOR SIDE UNIT SIDE</p> <p>7 1/4"</p>	<p>FLOOR STRUCTURE CEILING AS SCHEDULED WALL TO BE TIGHT TO UNDERSIDE OF ROOF SHEATHING, PROVIDE FIRE CAULK AT JOINT, TYP AT PERIMETER</p> <p>SHAFT SIDE INTERIOR SIDE</p> <p>2 1/2" CH-STUDS, 25GA SPACED 24" O.C. 1" THICK MINERAL WOOL BATTS (2) LAYERS OF 1/2" GYP, IF TYPE D3a (1) LAYERS OF 1" GYPSUM LINER PANEL (1) LAYERS OF 5/8" GYP, IF TYPE D3 3/12" D3a</p> <p>SHAFT SIDE INTERIOR SIDE</p> <p>FLOOR STRUCTURE</p>	<p>WALL TO BE TIGHT TO UNDERSIDE OF ROOF SHEATHING, PROVIDE FIRE CAULK AT JOINT, TYP AT PERIMETER</p> <p>2x6 WOOD STUD WALL W/ 3/12" MINERAL WOOL BATT FILL (TYPE D4a ONLY) (2) LAYERS OF 5/8" TYPE "X" GYP ON EA SIDE</p> <p>8"</p>	<p>OTHER WALL/ AIR SPACE AS INDICATED ON PLANS WOOD FURRING OR FRAMING AS REQUIRED, SEE PLANS FOR LOCATIONS (1) LAYER OF 5/8" GYP</p> <p>VARIES</p>
<p><b>A1</b> NON RATED INTERIOR WALL, 2x4 <b>A1a</b> SIM. TO A1 W/ SOUND ATTENUATION BATTS <b>A1b</b> SIM. TO A1 W/ GYP ONE SIDE ONLY</p>	<p><b>A2</b> NON RATED INTERIOR WALL, 2x6 <b>A2a</b> SIM. TO B2 W/ SOUND ATTENUATION BATTS</p>	<p><b>D1</b> TYP DOUBLE DEMISING WALL BETWEEN UNITS 1-HOUR RATED PARTITION WALL, UL-U327 STC-54</p>	<p><b>D2</b> TYP UNIT DEMISING WALL AT CORRIDOR 1-HOUR RATED PARTITION WALL, UL-U327 STC-54</p>	<p><b>D3</b> 1 HOUR RATED SHAFT WALL, UL-U415 <b>D3a</b> 2 HOUR RATED SHAFT WALL, UL-U415 (SYSTEM B) STC-48</p>	<p><b>D4</b> 2 HOUR RATED WALL, UL-U305 <b>D4a</b> SIM. TO D4 W/ SOUND ATTENUATION BATTS (WHEN SHARING WALL WITH UNIT)</p>	<p><b>F1</b> INTERIOR FURRING AS REQUIRED</p>

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

FLOOR ASSEMBLIES

<p>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 TJI JOISTS, SEE STRUCTURAL 3/12" MINERAL WOOL BATT INSULATION</p> <p>RESIDENTIAL</p> <p>RESIDENTIAL</p> <p>RESIDENTIAL</p> <p>(2) LAYERS OF 5/8" TYPE "X" GYP OVER 1/2" RESILIENT CHANNELS AT 24" O.C.</p> <p>1 1/2" 1'-0"</p>	<p>HARDWOOD FLOORING, TYP OR (OTHER FINISH AS SPEC'D) 3/4" PLYWOOD SUBFLOOR 2x OVERFRAMING- REF. TO STRUCTURAL</p> <p>RESIDENTIAL</p> <p>RESIDENTIAL</p> <p>SAME AS "Z1"</p> <p>RESIDENTIAL</p>	<p>PROVIDE 3/12" MINERAL WOOL BATT OVER UNITS ONLY</p> <p>TOP OF ROOF SHEATHING</p> <p>SAME AS "Z1"</p> <p>RESIDENTIAL</p> <p>(2) LAYERS OF 5/8" GYP OVER 1/2" RESILIENT CHANNELS AT 24" O.C. AT UNITS ONLY</p>	<p>CONCRETE OVER STEEL DECKING<sup>1</sup> REFER TO STRUCT. FOR CONC. DEPTH (5" TYP) AND MEMBER SIZES</p> <p>STEEL BEAM, SEE STRUCTURAL</p> <p>5/8" CEILING WHERE SPECIFIED</p>	<p>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</p>	<p>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</p>	<p>1" PRE-VEGETATED SEDUM MAT 2 1/2" GROWTH MEDIA 1" NEEDLED MINERAL WOOL WATER RETENTION LAYER DRAINAGE LAYER</p> <p>RF-1</p>
<p><b>Z1</b> TYPICAL 3RD, 4TH FLOOR ASSEMBLY Wood Construction 1-HR Rated Horizontal Dwelling Unit Separation Assembly UL-L570 STC-64; IIC 62</p>	<p><b>Z2</b> TYPICAL 5TH FLOOR ASSEMBLY AT UNIT 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.</p>	<p><b>Z3</b> TYPICAL ROOF STRUCTURE ASSEMBLY Wood Construction Non-Rated STC-52 est; IIC 52 est.</p>	<p><b>Z3</b> TYPICAL 1ST AND 2ND FLOOR ASSEMBLY Concrete over Metal Deck Floor 1-HR Use Separation Assembly <sup>1</sup>3/4" thick siliceous aggregate concrete provides 1 hour floor protection prescriptively per Table 720.1(3) Item 1-1.1</p>	<p><b>Z5</b> TYPICAL SLAB-ON-GRADE ASSEMBLY R-Value = 11</p>	<p><b>RF-1</b> TYPICAL ROOF COVERING ASSEMBLY R-Value = 27 Minimum Class C</p>	<p><b>RF-2</b> TYPICAL GREEN ROOF R-Value = 27 Minimum Class C</p>

1 WALL, FLOOR AND ROOF TYPES  
SCALE: 1" = 1'-0"

PERMIT SET