

WALL TYPE SCHEDULE

HORIZONTAL ASSEMBLY SCHEDULE

<p>1A</p> <p>NON-BEARING</p> <p>ONE LAYER OF 1/2" TYPE X GYPSUM BOARD 4 MIL. POLYETHYLENE VAPOR BARRIER 6" GALV. METAL STUDS AT 24" O.C. R-21 FIBERGLASS BATT INSULATION 1/2" TYPE X FIBERGLASS-MAT FACED GYPSUM SHEATHING TYVEK COMMERCIAL BUILDING WRAP 2" AIR SPACE MASONRY VENEER</p> <p>U.L.# V432 1 HR.</p>	<p>3A</p> <p>NON-BEARING</p> <p>1/2" TYPE X GYPSUM BOARD 1/2" RESILIENT GALV. METAL CHANNEL 3 1/2" 25 GA. GALV. METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION @ BATHROOM, BEDROOM & MECHANICAL ROOM WALLS 1/2" TYPE X GYPSUM BOARD 1/2" TYPE MR GYPSUM BOARD AT TUB/SHOWER AS REQ'D</p> <p>STC 50-64 RAL-TL05-080</p> <p>GA WP 1049 1 HR.</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF FLOOR/ROOF DECK</p>	<p>10B</p> <p>NON-BEARING</p> <p>1/2" TYPE X GYPSUM BOARD 6" 25 GA. GALV. METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION 1/2" TYPE X GYPSUM BOARD 1/2" TYPE MR GYPSUM BOARD AT TUB/SHOWER AS REQ'D</p> <p>STC 45-49 RAL-TL07-357</p> <p>GA WP 1072 1 HR.</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF FLOOR/ROOF DECK</p>
<p>1B</p> <p>NON-BEARING</p> <p>ONE LAYER OF 1/2" TYPE X GYPSUM BOARD 4 MIL. POLYETHYLENE VAPOR BARRIER 6" GALV. METAL STUDS AT 24" O.C. R-21 FIBERGLASS BATT INSULATION MIN. (FILL CAVITY) 1/2" TYPE X FIBERGLASS-MAT FACED GYPSUM SHEATHING TYVEK COMMERCIAL BUILDING WRAP 2" AIR SPACE MASONRY VENEER</p> <p>U.L.# V432 1 HR.</p>	<p>3B</p> <p>NON-BEARING</p> <p>1/2" TYPE X GYPSUM BOARD 1/2" RESILIENT GALV. METAL CHANNEL 6" 25 GA. GALV. METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION 1/2" TYPE X GYPSUM BOARD 1/2" TYPE MR GYPSUM BOARD AT TUB/SHOWER AS REQ'D</p> <p>STC 50-64 RAL-TL05-080</p> <p>GA WP 1049 1 HR.</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF FLOOR/ROOF DECK</p>	<p>11A</p> <p>NON-BEARING</p> <p>1/2" TYPE X GYPSUM BOARD 3 1/2" METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION @ BATHROOM, BEDROOM & MECHANICAL ROOM WALLS 1/2" TYPE MR GYPSUM BOARD AT TUB/SHOWER AS REQ'D</p> <p>U.L.# N/A 1 HR*</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF FLOOR/ROOF DECK *WHEN USED IN CONJUNCTION W/ RATED ASSEMBLIES</p>
<p>1C</p> <p>NON-BEARING</p> <p>ONE LAYER OF 1/2" TYPE X GYPSUM BOARD 4 MIL. POLYETHYLENE VAPOR BARRIER 1 1/2" GALV. METAL STUDS AT 24" O.C. R-21 FIBERGLASS BATT INSULATION MIN. (FILL CAVITY) 1/2" TYPE X FIBERGLASS-MAT FACED GYPSUM SHEATHING TYVEK COMMERCIAL BUILDING WRAP 2" AIR SPACE MASONRY VENEER</p> <p>U.L.# V432 1 HR.</p>	<p>4</p> <p>NON-BEARING</p> <p>RESIDENTIAL UNIT 1/2" TYPE MR GYPSUM BOARD AT TUB/SHOWER AS REQ'D TWO LAYERS OF 1/2" TYPE X GYPSUM BOARD 3 1/2" 20 GA. GALV. METAL STUDS AT 24" O.C. 3 1/2" THERMAFIBER SAFB (SOUND ATTENUATION FIRE BLANKET) AIR SPACE 3 1/2" 20 GA. GALV. METAL STUDS AT 24" O.C. 3 1/2" THERMAFIBER SAFB (SOUND ATTENUATION FIRE BLANKET) BRACING - CUT FROM GWB, LENGTH EQUAL TO STUD CAVITY & 6" WIDTH TWO LAYERS OF 1/2" TYPE X GYPSUM BOARD 1/2" TYPE MR GYPSUM BOARD AT TUB/SHOWER AS REQ'D</p> <p>STC 64</p> <p>U.L.# U493 2 HR.</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF DECK</p>	<p>11B</p> <p>NON-BEARING</p> <p>1/2" TYPE MR GYPSUM BOARD AT TUB/SHOWER AS REQ'D 1/2" TYPE MR GYPSUM BOARD 3 1/2" METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION @ BATHROOM, BEDROOM & MECHANICAL ROOM WALLS</p> <p>U.L.# N/A</p> <p>NOTE: EXTEND CONSTRUCTION 2" MINIMUM ABOVE NON-FIRE RATED FINISH CEILING. BRACE TO ADJACENT STRUCTURE AT 4'-0" O.C. DO NOT PENETRATE FIRE RATED FLOOR/CEILING.</p>
<p>1D</p> <p>NON-BEARING</p> <p>ONE LAYER OF 1/2" TYPE X GYPSUM BOARD 4 MIL. POLYETHYLENE VAPOR BARRIER 6" GALV. METAL STUDS AT 24" O.C. R-21 FIBERGLASS BATT INSULATION 1/2" FIBERGLASS-MAT FACED GYPSUM SHEATHING TYVEK COMMERCIAL BUILDING WRAP FIBER CEMENT CLAPBOARDS & TRIM</p> <p>U.L.# V432 1 HR.</p>	<p>5A</p> <p>BEARING</p> <p>CORRIDOR SIDE TWO LAYERS OF 1/2" TYPE X GYPSUM BOARD 6" GALV. METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION 1/2" TYPE MR GYPSUM BOARD AT TUB/SHOWER AS REQ'D</p> <p>STC 55-59 NRCC 818-NV</p> <p>U.L.# U423 2 HR.</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF FLOOR/ROOF DECK</p>	<p>11C</p> <p>NON-BEARING</p> <p>1/2" GYPSUM BOARD 3 1/2" METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION @ BEDROOM & MECHANICAL ROOM WALLS</p> <p>U.L.# N/A</p> <p>NOTE: EXTEND CONSTRUCTION 2" MINIMUM ABOVE NON-FIRE RATED FINISH CEILING. BRACE TO ADJACENT STRUCTURE AT 4'-0" O.C. DO NOT PENETRATE FIRE RATED FLOOR/CEILING.</p>
<p>1E</p> <p>NON-BEARING</p> <p>ONE LAYER OF 1/2" TYPE X GYPSUM BOARD 4 MIL. POLYETHYLENE VAPOR BARRIER 6" GALV. METAL STUDS AT 24" O.C. R-21 FIBERGLASS BATT INSULATION 1/2" FIBERGLASS-MAT FACED GYPSUM SHEATHING TYVEK COMMERCIAL BUILDING WRAP 2 1/2" GALV. METAL STUDS AT 24" O.C. 1/2" FIRE RETARDANT PLYWOOD FIBER CEMENT CLAPBOARDS & TRIM</p> <p>U.L.# N/A</p>	<p>5B</p> <p>BEARING</p> <p>CORRIDOR SIDE TWO LAYERS OF 1/2" TYPE X GYPSUM BOARD 6" GALV. METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION 1/2" TYPE MR GYPSUM BOARD AT TUB/SHOWER AS REQ'D</p> <p>STC 55-59 NRCC 818-NV</p> <p>U.L.# U423 2 HR.</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF FLOOR/ROOF DECK</p>	<p>12</p> <p>NON-BEARING</p> <p>1/2" GYPSUM BOARD 1 1/2" GALV. 25 GA. METAL STUDS AT 24" O.C. 1/2" GYPSUM BOARD</p> <p>U.L.# N/A</p> <p>NOTE: EXTEND CONSTRUCTION 2" MINIMUM ABOVE NON-FIRE RATED FINISH CEILING. BRACE TO ADJACENT STRUCTURE AT 4'-0" O.C. DO NOT PENETRATE FIRE RATED FLOOR/CEILING.</p>
<p>1F</p> <p>NON-BEARING</p> <p>ONE LAYER OF 1/2" TYPE X GYPSUM BOARD 4 MIL. POLYETHYLENE VAPOR BARRIER 6" GALV. METAL STUDS AT 24" O.C. R-21 FIBERGLASS BATT INSULATION 1/2" FIBERGLASS-MAT FACED GYPSUM SHEATHING TYVEK COMMERCIAL BUILDING WRAP 1" AIR SPACE 2 1/2" GALV. METAL STUDS AT 24" O.C. 1/2" FIRE RETARDANT PLYWOOD</p> <p>U.L.# N/A</p>	<p>6</p> <p>NON-BEARING</p> <p>1" GYPSUM PANEL LINER 2 1/2" 25 GA. GALV. METAL "C-H" STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION 1/2" TYPE X GYPSUM BOARD 1/2" TYPE X GYPSUM BOARD</p> <p>STC 50</p> <p>U.L.# U415 2 HR.</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF ROOF DECK</p>	<p>14A</p> <p>NON-BEARING</p> <p>8" CONCRETE MASONRY UNIT W/ LOOSE FILL INSULATION @ NON-GROOVED CORES - TYPE D2 (2 HR) CMU SEE STRUCTURAL DWGS FOR GROUDED CORES AIR SPACE 12" CONCRETE FOUNDATION WALL (FULL WIDTH NOT SHOWN, SEE PLAN)</p> <p>U.L.# U805 2 HR.</p>
<p>1G</p> <p>NON-BEARING</p> <p>ONE LAYER OF 1/2" TYPE X GYPSUM BOARD 4 MIL. POLYETHYLENE VAPOR BARRIER 6" GALV. METAL STUDS AT 24" O.C. R-21 FIBERGLASS BATT INSULATION (FILL CAVITY) 1/2" FIBERGLASS-MAT FACED GYPSUM SHEATHING TYVEK COMMERCIAL BUILDING WRAP 2 1/2" GALV. METAL STUDS AT 24" O.C. 1/2" FIRE RETARDANT PLYWOOD FIBER CEMENT CLAPBOARDS & TRIM</p> <p>U.L.# N/A</p>	<p>7A</p> <p>NON-BEARING</p> <p>1/2" GYPSUM BOARD 3 1/2" 25 GA. GALV. METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION 1/2" GYPSUM BOARD</p> <p>STC 45-49 RAL-TL07-357</p> <p>U.L.# N/A</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF FLOOR/ROOF DECK</p>	<p>14B</p> <p>NON-BEARING</p> <p>8" CONCRETE MASONRY UNIT W/ LOOSE FILL INSULATION @ NON-GROOVED CORES - TYPE D2 (2 HR) CMU SEE STRUCTURAL DWGS FOR GROUDED CORES AIR SPACE 12" CONCRETE FOUNDATION WALL (FULL WIDTH NOT SHOWN, SEE PLAN) FAUX BRICK VENEER INSTALL PER MANUFACTURER'S INSTRUCTIONS</p> <p>U.L.# U805 2 HR.</p>
<p>2A</p> <p>NON-BEARING</p> <p>1/2" GYPSUM BOARD 3 1/2" 25 GA. GALV. METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION @ BATHROOM, BEDROOM & MECHANICAL ROOM WALLS 1/2" GYPSUM BOARD (TYPE MR @ BATH & LAUNDRY ROOMS)</p> <p>STC 45-49 RAL-TL07-357</p> <p>U.L.# N/A</p> <p>NOTE: EXTEND CONSTRUCTION 2" MINIMUM ABOVE NON-FIRE RATED FINISH CEILING. BRACE TO ADJACENT STRUCTURE AT 4'-0" O.C. DO NOT PENETRATE FIRE RATED FLOOR/CEILING.</p>	<p>7B</p> <p>NON-BEARING</p> <p>1/2" GYPSUM BOARD 6" 25 GA. GALV. METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION 1/2" GYPSUM BOARD</p> <p>STC 45-49 RAL-TL07-357</p> <p>U.L.# N/A</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF FLOOR/ROOF DECK</p>	<p>14C</p> <p>NON-BEARING</p> <p>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 ROOFS, AND AT MISCELLANEOUS LOCATIONS AS REQUIRED. 6. ADD ADDITIONAL INSULATION TO FILL CAVITY OF 6" STUD WALL. 7. 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. 8. STC AND IIC RATINGS SHALL BE IN ACCORDANCE WITH ASTM E90 AND ASTM E492, RESPECTIVELY. PROVIDE ACOUSTICAL SEALANT AT BASE OF WALLS BETWEEN DWELLING UNITS. 9. RATED WALL ASSEMBLIES SHALL BE INSTALLED PER U.L. ASSEMBLY NUMBER. REFER TO U.L. LISTING FOR SPECIFIC INSTALLATION REQUIREMENTS. 10. WHERE TILE IS INDICATED ON THE PLANS SUBSTITUTE 5/8" "DENS-SHIELD FIREGUARD" TILE BACKER BOARD WHERE TILE IS TO BE APPLIED. 11. 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. 12. NON-RATED WALL ASSEMBLIES SHALL NOT PENETRATE FIRE-RATED FLOOR/CEILING ASSEMBLIES. 13. GYPSUM BOARD SHALL BE CONTINUOUS BEHIND TUB/SHOWER ENCLOSURES AT FIRE-RATED WALL ASSEMBLIES. PROVIDE ADDITIONAL LAYER AT THESE LOCATIONS. 14. EXTERIOR AND INTERIOR LIGHT GAGE STEEL FRAMING IS SCHEMATICALLY SHOWN AND DESIGN IS TO BE BY OTHERS. COORDINATE LOCATIONS WITH STRUCTURAL DRAWINGS. REFER TO STRUCTURAL DRAWINGS AND NOTES FOR ADDITIONAL REQUIREMENTS. 15. MAXIMUM HEIGHT FOR NON-STRUCTURAL INTERIOR WALLS SHALL BE IN ACCORDANCE WITH SSMA "LIMITING WALL HEIGHT TABLES NON-COMPOSITE" COMPOSITE. 16. ALL HOURLY FIRE RATINGS SHOWN ARE THE MAXIMUM ALLOWED FOR THAT ASSEMBLY. REFER TO FLOOR PLANS FOR REQUIRED HOURLY FIRE RATING OF SEPARATION ASSEMBLIES. 17. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL SHEAR WALL REQUIREMENTS AND LOCATIONS. 18. ALL FIRE-RATED WALL ASSEMBLIES SHALL BE IDENTIFIED WITH SIGNS OR STENCILING IN ACCORDANCE WITH IBC SECTION 703.6.</p>
<p>2B</p> <p>NON-BEARING</p> <p>1/2" GYPSUM BOARD 6" 25 GA. GALV. METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION @ BATHROOM, BEDROOM & MECHANICAL ROOM WALLS 1/2" GYPSUM BOARD (TYPE MR @ BATH & LAUNDRY ROOMS)</p> <p>STC 45-49 RAL-TL07-357</p> <p>U.L.# N/A</p> <p>NOTE: EXTEND CONSTRUCTION 2" MINIMUM ABOVE NON-FIRE RATED FINISH CEILING. BRACE TO ADJACENT STRUCTURE AT 4'-0" O.C. DO NOT PENETRATE FIRE RATED FLOOR/CEILING.</p>	<p>10A</p> <p>NON-BEARING</p> <p>1/2" TYPE X GYPSUM BOARD 3 1/2" 25 GA. GALV. METAL STUDS AT 24" O.C. FIBERGLASS BATT SOUND INSULATION 1/2" TYPE X GYPSUM BOARD 1/2" TYPE MR GYPSUM BOARD AT TUB/SHOWER AS REQ'D</p> <p>STC 45-49 RAL-TL07-357</p> <p>GA WP 1072 1 HR.</p> <p>NOTE: EXTEND CONSTRUCTION TO BOTTOM OF FLOOR/ROOF DECK</p>	<p>20</p> <p>U.L.# G201 1 HR.</p> <p>TYPICAL ASSEMBLY AT 1/2 HR.</p> <p>3" REINFORCED CONCRETE ELEVATED SLAB GALV. METAL DECK STEEL JOIST GALV. 12 SWG MIN. DIA. HANGER WIRE TIED TO JOISTS MAIN RUNNERS SPACED 48" O.C. W/ CROSS TEES SPACED 24" O.C. 1 HR. RATED 24x24 LAY-IN ACOUSTICAL CEILING PANELS W/ HOLD-DOWN CLIPS, ONE PER 24" LENGTH</p> <p>TYPICAL ASSEMBLY AT 1 HR. RATED S.A.C.T. CEILINGS</p>
<p>21</p> <p>U.L.# G501 1 HR.</p> <p>TYPICAL ASSEMBLY AT 1/2 HR.</p> <p>3" REINFORCED CONCRETE ELEVATED SLAB GALV. METAL DECK STEEL JOIST 26 GA. GALV. 7/8" DEEP FURRING CHANNEL AT 24" O.C. SECURED TO EACH JOIST W/ DOUBLE STRAND OF 18 SWG GALV. STEEL WIRE. 5/8" TYPE "XX" GYP. BD.</p> <p>TYPICAL ASSEMBLY 1 HR. RATED G.W.B. CEILINGS</p>	<p>22</p> <p>U.L.# G501 1 HR.</p> <p>TYPICAL ASSEMBLY AT 1/2 HR.</p> <p>3" REINFORCED CONCRETE ELEVATED SLAB GALV. METAL DECK STEEL JOIST 8 SWG GALV. STL. WIRE AT 48" O.C. 26 GA. GALV. 7/8" DEEP FURRING CHANNEL AT 24" O.C. SECURED TO 1 1/2" COLD-ROLLED CHANNEL W/ DOUBLE STRAND OF 18 SWG GALV. STEEL WIRE. 5/8" TYPE "XX" GYP. BD.</p> <p>TYPICAL ASSEMBLY AT 1 HR. RATED G.W.B. CEILINGS</p>	<p>23</p> <p>NER-258 SYSTEM G 2 HR.</p> <p>1" GYPSUM LINER PANELS STEEL C-H STUD (2) LAYERS OF 5/8" TYPE X GYPSUM BOARD</p> <p>2 HR. RATED HORIZONTAL SHAFT ENCLOSURE (NER-258 SYSTEM G)</p>

HORIZONTAL ASSEMBLY NOTES:
1. THICKNESS OF MATERIALS, GAUGE OR SPACING SHOWN ARE MINIMUM OR MAXIMUM AS INDICATED TO COMPLY WITH FIRE RATED ASSEMBLY REQUIREMENTS. REFER TO ARCHITECTURAL DETAIL DRAWINGS, STRUCTURAL DRAWINGS ETC. FOR SPECIFIC MATERIAL REQUIREMENTS.
2. REFER TO SPECIFIC U.L. ASSEMBLY FOR APPROVED PRODUCTS AND SPECIFIC INSTALLATION REQUIREMENTS.
3. REFER TO U.L. GUIDE INFORMATION FOR FIRE-RESISTANCE RATINGS FOR GENERAL REQUIREMENTS.
4. ENCLOSURES SHALL BE PROVIDED FOR RECESSED LUMINAIRES IN ACCORDANCE WITH THE SPECIFIC DESIGN OR LUMINAIRE SHALL BE SPECIFICALLY INVESTIGATED AND LABELED FOR INSTALLATION IN FIRE RATED FLOOR-CEILING DESIGNS.
5. WHERE CEILING IS SUPPORTED DIRECTLY FROM STRUCTURAL MEMBERS, IT MAY BE LOWERED AS FOLLOWS: AS AN ALTERNATE, FURRING CHANNELS MAY BE SECURED TO 1-1/2" COLD-ROLLED STEEL CHANNELS AT EVERY INTERSECTION WITH DOUBLE STRAND OF 18 SWG GALV. STEEL WIRE. COLD-ROLLED CHANNELS SPACED 24" O.C. AND SUSPENDED PERPENDICULAR FROM LOWER CHORDS OF JOISTS WITH 8 SWG GALV. STEEL WIRE SPACED 48" O.C. ALONG CHANNELS.
6. UNLESS SPECIFICALLY DESCRIBED IN THE INDIVIDUAL DESIGNS, THE ADDITION OF INSULATION IN THE CONCEALED SPACE BETWEEN THE CEILING MEMBRANE AND THE FLOOR OR ROOF STRUCTURE MAY REDUCE THE HOURLY RATING OF AN ASSEMBLY. FOR 1 HOUR RATED G500 SERIES DESIGN ASSEMBLIES, FIBERGLASS INSULATION MAY BE ADDED TO THE JOIST SPACE ABOVE THE GYPSUM WALLBOARD, PROVIDED AN ADDITIONAL LAYER OF GYPSUM WALLBOARD IS ADDED TO THE ASSEMBLY. THE GYPSUM WALLBOARD SHALL BE OF THE SAME TYPE SHOWN IN THE INDIVIDUAL DESIGN. OTHER METHODS OF ADDING INSULATION IN THE JOIST CAVITY ARE NOT PERMITTED UNLESS INDICATED IN THE INDIVIDUAL DESIGNS.