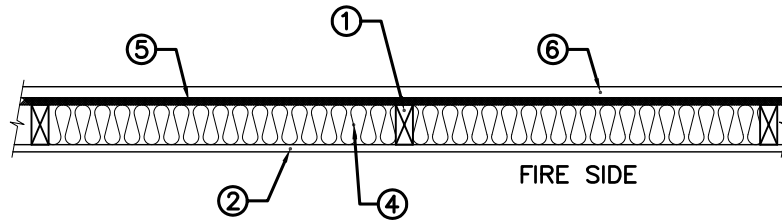


DESIGN NO. U356
 (EXPOSED TO FIRE ON INTERIOR FACE ONLY)
BEARING WALL RATING— 1 HR.
FINISH RATING— 23 MIN.



1. WOOD STUDS: NOM 2x4 IN. SPACED 16" O.C. WITH TWO 2x4 IN. TOP PLATES AND ONE 2x4 IN. BOTTOM PLATE. STUDS LATERALLY-BRACED BY WOOD STRUCTURAL PANEL SHEATHING (ITEM 5) AND EFFECTIVELY FIRE STOPPED AT TOP AND BOTTOM OF WALL.
2. GYPSON BOARD: ANY CLASSIFIED 5/8" THICK , 4 FT WIDE, APPLIED VERTICALLY AND NAILED TO STUDS AND BEARING PLATES 7 IN. O.C. WITH 6D COATED NAILS, 1-7/8" LONG WITH 1/4" DIAMETER HEAD.
3. JOINTS AND NAILHEADS: (NOT SHOWN) WALL BOARD JOINTS COVERED WITH TAPE AND JOINT COMPOUND. NAIL HEADS COVERED WITH JOINT COMPOUND.
4. BATTS AND BLANKETS: MINERAL FIBER OR GLASS FIBER INSULATION, 3-1/2" THICK, PRESSURE FIT TO FILL WALL CAVITIES BETWEEN STUDS AND PLATES. MINERAL FIBER INSULATION TO BE UNFACED AND TO HAVE A MIN. DENSITY OF 3 PCF. GLASS FIBER INSULATION TO BE FACED WITH ALUMINUM FOIL OR KRAFT PAPER AND TO HAVE A MIN. DENSITY OF 0.9 PCF (MIN R-13 THERMAL INSULATION RATING).
5. WOOD STRUCTURAL PANEL SHEATHING: MIN. 7/16" THICK, 4FT WIDE WOOD STRUCTURAL PANELS, MIN. GRADE "C-D" OR "SHEATHING". INSTALLED WITH LONG DIMENSION OF SHEET (STRENGTH AXIS) OR FACE GRAIN OF PLYWOOD PARALLEL WITH OR PERPENDICULAR TO STUDS. VERTICAL JOINTS CENTERED ON STUDS. HORIZONTAL JOINTS BACKED WITH NOM. 2x4 IN. WOOD BLOCKING. ATTACHED TO STUDS ON EXTERIOR SIDE OF WALL WITH 6D CEMENT COATED BOX NAILS SPACED 6" O.C. AT PERIMETER OF PANELS AND 12" O.C. ALONG INTERIOR STUDS.
6. EXTERIOR FACINGS: INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS. ONE OF THE FOLLOWING EXTERIOR FACINGS IS TO BE APPLIED OVER THE SHEATHING.
 - A. VINYL SIDING: - MOLDED PLASTIC - CONTOURED RIGID VINYL SIDING HAVING A FLAME SPREAD VALUE OF 20 OR LESS.
 - B. PARTICLE BOARD SIDING: HARDBOARD EXTERIOR SIDINGS INCLUDING PATTERNED PANEL OR LAP SIDING.
 - C. WOOD STRUCTURAL PANEL OR LAP SIDING: APA RATED SIDING, EXTERIOR, PLYWOOD, OSB OR COMPOSITE PANELS WITH VENEER FACES AND STRUCTURAL WOOD CORE, PER PS1 OR APA STANDARD PRP-108, INCLUDING TEXTURED, ROUGH SAWN, MEDIUM DENSITY OVERLAY, BRUSHED, GROOVED AND LAP SIDING.
 - D. CEMENTITIOUS STUCCO: PORTLAND CEMENT OR SYNTHETIC STUCCO SYSTEMS WITH SELF-FURRING METAL LATH OR ADHESIVE BASE COAT. THICKNESS FROM 3/8" TO 3/4", DEPENDING ON SYSTEM.
 - E. BRICK VENEER: ANY TYPE ON NOM 4" WIDE BRICK VENEER. WHEN BRICK VENEER IS USED, THE RATING IS APPLICABLE WITH EXPOSURE ON EITHER FACE. BRICK VENEER FASTENED WITH CORRUGATED METAL WALL TIES ATTACHED OVER SHEATHING TO WOOD STUDS WITH 8D NAIL PER TIE: TIES SPACED NOT MORE THAN EACH SIXTH COARSE OF BRICK AND MAX 32" O.C. HORIZONTALLY. 1" AIR SPACE PROVIDED BETWEEN BRICK VENEER AND SHEATHING.
 - F. EXTERIOR INSULATION AND FINISH SYSTEM (EIFS): NOM 1" FOAMED PLASTIC INSULATION BEARING THE UL CLASSIFICATION MARKING, ATTACHED OVER SHEATHING AND FINISHED WITH COATING SYSTEM, OR PORTLAND CEMENT OR SYNTHETIC STUCCO SYSTEMS, IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
 - G. SIDING: ALUMINUM OR STEEL SIDING ATTACHED OVER SHEATHING TO STUDS.
 - H. FIBER CEMENT SIDING: FIBER-CEMENT EXTERIOR SIDINGS INCLUDING SMOOTH AND PATTERNED PANEL OR LAP SIDING.