1. **GYPSUM BOARD (Interior):** Two layers USG Firecode® C Core Gypsum Panels, complying with ASTM C1396, or equivalent, min. 5/8 in. thick, 4 ft. wide applied vertically, fastened to framing. Face layer joints staggered with base layer and covered with paper tape and joint compound.

**FASTENERS (Not Shown):**

A. FACE LAYER – Min. #6 x 2 in. long Type S or W screws spaced max. 8 in. oc and heads covered with joint compound.

B. BASE LAYER – Min. #6 x 1-5/8 in. long Type S or W screws, spaced max. 6 in. oc.

2. **FRAMING:** Min. 2x6 in. nominal fire retardant treated wood studs, spaced max. 16 in. oc, double top plates and single bottom plate fastened together with 16d common nails.

3. **INSULATION:** Fiberglass batt insulation, min. R-13 or mineral fiber insulation, min. 5-1/2 in. thick friction fit between the studs.

4. **SHEATHING (Exterior):** One layer of MagTech™ fire retardant sheathing applied vertically with min. 2-3/8 in. long, 0.113 in. diameter nails, spaced max. 8 in. oc around the perimeter and max. 12 in. oc in the field. Horizontal joints must be blocked. One layer of Type X gypsum or Type X glass mat gypsum, min. 5/8 in. thick, 4 ft. wide, applied vertically fastened with 7d coated nails, 2-1/4 in. long, 0.0915 in. shank, 1/4 in. heads, 12 in. oc. The required one layer of gypsum may be installed as the base or face layer. The face layer shall be covered with fire resistant protective weather retarder paper.

5. **EXTERIOR FACINGS:** Materials installed in accordance with manufacturer’s installation instructions:
   - Min. 5/16 in. thickness fiber-cement siding complying with ASTM C1186 installed in accordance with approved manufacturer’s instructions
   - Brick, min. thickness of 2-5/8 in., complying with ASTM C216
   - Cement plaster (stucco), min. thickness 3/4 in. on metal lath according to ASTM C926