1. **WALL FRAMING:** Install 3-5/8 in. deep, 20 GA galvanized steel studs spaced max. 24 in. on center (oc). Secure steel studs to 3-5/8 in. 20 GA top and bottom track (not shown) using #8, 7/16 in. long, self-tapping, pan-head framing screws.

   OPTIONAL – Install nominal 2 x 4 fire-retardant treated wood studs, complying with the definition and requirements prescribed in the International Building Code. Studs shall be spaced max. 16 in. oc.

2. **GYPSUM BOARD:** Install 5/8 in. thick Type X gypsum board with long dimension perpendicular to studs (Item 1). Attach to steel studs (Item 1) using #6, Type S, 1-1/4 in. long, self-tapping, bugle-head screws. Attach to wood studs (Item 1) using #6, 1-5/8 in. long, coarse thread, bugle-head screws or use #13, 1-5/8 in. drywall nails.

   Fasteners for fire-retardant treated wood studs shall be of hot-dipped zinc-coated galvanized steel, stainless steel, silicon bronze, or copper.

   Space fasteners 8 in. oc around perimeter and 12 in. oc in the field.

3. **CERTIFIED COMPANY:** Gaco, a Division of Firestone Building Products Company, LLC

   **CERTIFIED PRODUCT:** Spray Polyurethane Foam Insulation
CERTIFIED MODEL: Gaco EZSpray F4500

INSULATION: Spray-apply a nominal 3-5/8 in. thick layer of Gaco EZSpray F4500 at its nominal density of 0.55 pcf, to completely fill the steel stud (Item 1) cavity.

4. EXTERIOR SHEATHING: Install 5/8 in. thick, GP DensGlass® Gold Exterior Sheathing to the exterior side of studs (Item 1). Install sheathing with long dimension perpendicular to studs. Attach to steel studs using #6, Type S, 1-1/4 in. long, self-tapping, bugle-head screws. Attach to wood studs (Item 1) using #6, 1-5/8 in. long, coarse thread, bugle-head screws or use #13, 1-5/8 in. drywall nails.

Fasteners for fire-retardant treated wood studs shall be of hot-dipped zinc-coated galvanized steel, stainless steel, silicon bronze, or copper.

Space fasteners 8 in. oc around perimeter and 12 in. oc in the field.

5. OPENINGS (Not Shown): Openings must be protected with 20 GA steel framing.

6. FLOORLINE FIRESTOPPING (Not Shown): Install 4 in. thick, 4.0 pcf mineral wool in the stud cavity at the floorlines.