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, 1/2 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 maximum 16 in. oc.

2. **GYPSUM BOARD**: Install 5/8 in. thick Type X gypsum board, installed 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.
3. **CERTIFIED MANUFACTURER:** Gaco Western, LLC.

**CERTIFIED PRODUCT:** Spray Polyurethane Foam Insulation

**CERTIFIED MODEL:** Gaco FR6500R and GacoGreen 052N

**INSULATION:** Spray-apply a nominal 3-5/8 in. thick layer of either Gaco FR6500R or GacoGreen 052N at their nominal densities of 0.55 pcf and 0.50 pcf respectively, 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 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 4.0 in. thick, 4.0 pcf mineral wool in the stud cavity at the floor lines.