C. Locate where directed.
D. Mockup may remain as part of the work.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, protect and handle products to site under provisions of Section 01600.
B. Accept glass units on site on pallets; inspect for damage.

1.8 ENVIRONMENTAL REQUIREMENTS

A. Maintain materials and surrounding air temperature to minimum 40°F prior to, during, and 48 hours after completion of masonry work.
B. Maintain materials and surrounding air temperature to minimum 90°F (32°C) prior to, during, and 48 hours after completion of masonry work.

1.9 FIELD MEASUREMENTS

A. Verify that field measurements are as indicated on shop drawings.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Glass block system shall be the product of Pittsburgh Corning Corporation or approved equal.
B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 GLASS BLOCKS

A. Glass block system shall be “THICKSET” Series block, hollow, 3-7/8" inches thick, with a Polyvinyl butyral edge coating with the following design values:
   1. Thermal Conductance (U Value): 0.51 Btu/hr sq ft deg F (2.9 W/sq m K); winter night.
   2. Thermal Resistance (R Value): 1.96°F hr sq ft/Btu (0.35 (K sq m)/W).
   3. Visible Light Transmission: 75%.
   4. Shading Coefficient: 0.65.
   5. Pattern: As selected by the Architect.
   6. Face Size: 8" (203 mm) x 8" (203 mm), nominal; sound transmission: 48.
   7. Weight Installed With Mortar: 30-lb/sq ft (146 kg/sq m).
B. Framing: Framed and anchored with the “KWiK’N EZ” Silicone System to meet Florida Building Code Product Approval System including wind loading to comply with ASCE 7-98 and Large Missile Impact Testing.

2.3 ACCESSORIES

A. Sealant (caulk): Non-staining; waterproof mastic; silicone type.
B. Integral Type Water-Repellant: Stearate; as recommended by block manufacturer.
C. External Type Waterproofer: Water based silane sealer; as recommended by block manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verify that openings are ready to receive work.

3.2 PREPARATION

A. Clean glass units of substances that may impair bond with sealant.
B. Establish and protect lines, levels and coursing.
C. Protect elements surrounding the work of this section from damage or disfiguration.

3.3 INSTALLATION

A. Erect glass units and accessories in accordance with manufacturer's instructions.
B. Locate and secure perimeter metal chase.
C. Coat sill under units with asphalt emulsion as a bond breaker, and allow to dry.
D. Set panel anchors in sealant bed directly over coating.
E. Provide full sealant joints. Furrowing not permitted. Remove excess sealant.
F.