

SPECIFICATIONS FOR NORMAL WEIGHT CONCRETE MASONRY UNITS

Normal Weight Concrete Masonry Units: Units shall be equal to JNW series, as manufactured by Jandris & Sons, Gardner, MA or an approved substitute. Units shall comply with all requirements of the current issue of the following standards and with other requirements specified herein.

1. Hollow & Solid Load bearing Units: Shall comply with all provisions as ASTM C90•96a, Type 1, Class I, Moisture Controlled Units.
2. Compressive Strengths: All units shall have a minimum compressive strength on the net area of 1900 PSI when tested in accordance with ASTM C•140.
3. Normal Weight Concrete Masonry Units: Shall be composed of normal weight siliceous aggregates conforming to ASTM C•33.
4. All concrete masonry units (Architectural, Standard and Backups) for this project shall be produced by one manufacturer.
5. Bidders who desire to use other manufacturers shall submit samples and technical data to the architect for evaluation, inspection, and written approval prior to the bid date covering this section. If the products are approved, an addenda will be issued.
6. Optional • CHOOSE AS APPROPRIATE
 - a. Except as noted on the drawings, all unit faces exposed to view shall be scored as herein described. Unit face hidden from view need not be similarly scored, but may be unless otherwise noted on the drawings.
 - b. Units shall have one vertical square edged score 3/8" x 3/8" located in the center of the exposed face.
 - c. Where a fire resistance rating is shown on the drawings, provide units meeting that requirement when rated in accordance with the Equivalent Thickness Method of the Building Officials Conference of America, Inc. (B.O.C.A.)
 - d. Insulation: Inserts shall be installed in the cores of the blocks at the block producer's plant. Korfil "U" shaped units or Icon single face units as manufactured by Concrete Block Insulating Systems, West Brookfield, MA. Inserts shall be properly installed to allow blocks to be handled without danger of insert dislodgment.
 - e. Units shall be manufactured with an integral water repellent system (such as "Dry Block"). Units shall be manufactured by a qualified producer.

NOTE TO SPECIFIER: This information may be used as a complete material section. It should be supplemented by an appropriate workmanship specification.