

## **HI-STRESS MASONRY**

Hi-stress masonry cost more than the regular A.S.T.M. C-90-96. **Be sure to specify the f'm required.** If you want a 3,000 P.S.I. f'm you will need a block with a minimum P.S.I. of 3,570 a grout with a 4000 P.S.I. and a type M mortar.

## **SPECIFICATIONS FOR CONCRETE MASONRY-SHORT FORM**

Masonry Units shall be type II units conforming to A.S.T.M. C-90-96 and in addition the requirements of the Quality Control Standards of the Concrete Masonry Association of California and Nevada, manufactured by **ORCO BLOCK**. Texture (Precision; Split Face; Slumped) Orco color or approved equal.

PORTLAND CEMENT shall conform to A.S.T.M. C-150, UBC 19-1.

MORTAR shall be freshly prepared and uniformly mixed in the ratio by volumes, 1 part cement, ½ part Hydrated Lime, 3 parts sand, and shall conform to A.S.T.M. C-270, UBC 21-15 mortar to match color of block.

GROUT shall be a fluid consistency and mixed in the ratio by volumes, 1 part cement, 3 parts sand, or 1 part cement, 3 parts sand, 2 parts pea gravel.

REINFORCING STEEL shall be deformed bars conforming to A.S.T.M. A-615 except that 1/4" ties may be plain bars. Wire reinforcement shall conform to A.S.T.M. A-82.

Walls shall be laid true and plumb. Provisions shall be arranged for all adjoining construction. Construct a 4'x6' sample for workmanship, joint treatment, pattern and color of mortar for approval. Tuck point all holes 1/8" or more.