**GENERAL NOTES:**

1. FLAT TOP MANHOLE LID SHALL BE OF REINFORCED CONCRETE CONFORMING TO ASTM C-478. CEMENT SHALL BE TYPE I-II, PER ASTM C-150, AND MUST CONTAIN A MINIMUM OF 4% FLY ASH OF THE TOTAL LID WEIGHT.

2. CONCRETE SHALL BE MIN. 28 DAY COMPRESSIVE STRENGTH 4000psi.

3. MANUFACTURER TO PROVIDE LIFTERS OF ADEQUATE SIZE AS NEEDED.


5. RING & COVER OR SPECIAL LIDS TO MEET REQUIREMENTS, MAY BE CAST IN PLACE.

**CONSTRUCTION KEY NOTES:**

A. #5 REBAR 6" O.C./E.W.

B. 30" OPENING, SIZE TO ACCOMMODATE MANHOLE RING (SEE DETAIL 377). OPTIONAL PLACEMENT OF OPENING MAY BE CONCENTRIC (BOLD) OR ECCENTRIC (DASHED).

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**MANHOLE LID FOR TYPE "B1"**