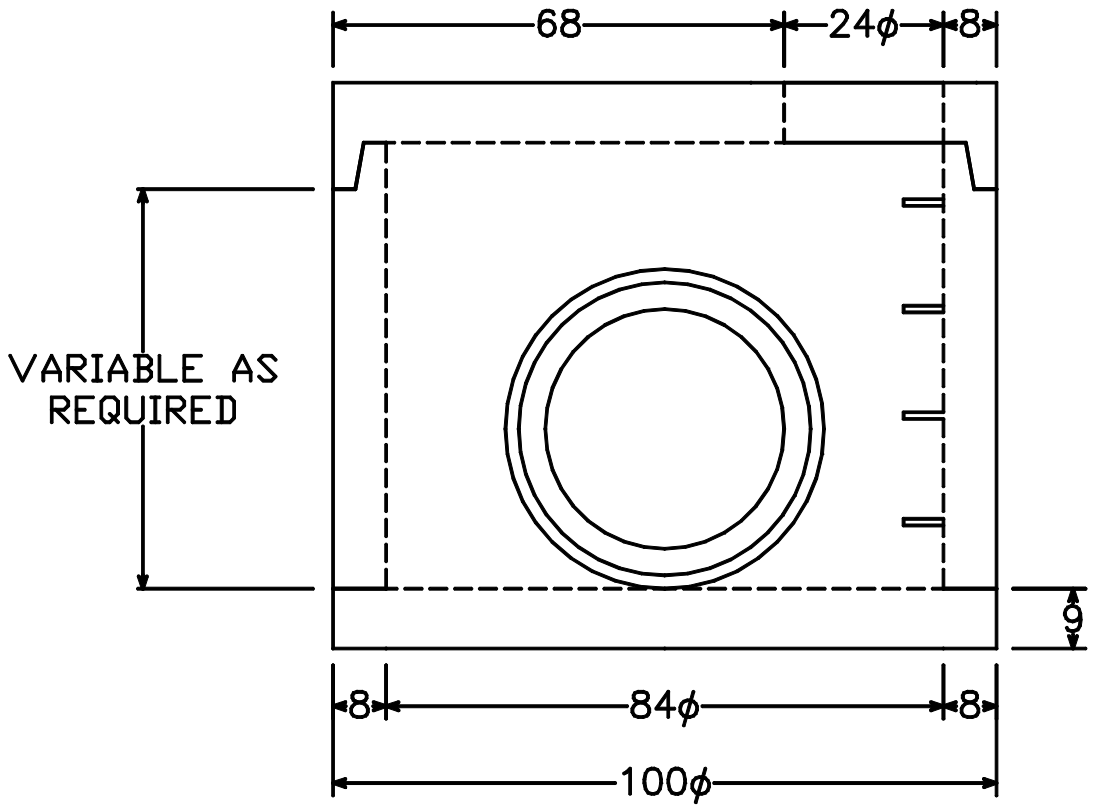
837 S. Riverside Drive,
Elmhurst, Illinois 60126
630-832-8090 Phone
630-834-5765 Fax
www.kieftbros.com

84” I.D. Manhole, w/Flat Top



ELEVATION - ECCENTRIC

1. MANHOLE CONSTRUCTION CONFORMS TO THE LATEST A.S.T.M DESIGNATION C-478 AND ILLINOIS DEPARTMENT OF TRANSPORTATION HIGHWAY STANDARDS.

2. CONCRETE WILL HAVE A MINIMUM 4,500 P.S.I. CRUSH AT 28 DAYS WITH THE FOLLOWING MIXTURE PER CUBIC YARD; 525 POUNDS PORTLAND CEMENT, 1183 POUNDS SAND, 1699 POUNDS #7 CRUSHED GRAVEL, AND 260 POUNDS WATER.

3. ALL CONCRETE MANHOLES ARE REINFORCED WITH WELDED STEEL PIPE FABRIC CONFORMING TO A.S.T.M. A-185.

4. PIPE HOLE SIZE AND LOCATION WILL VARY DEPENDING ON PIPE SIZE AND INVERT LOCATION.

5. LADDER STEPS ARE IN COMPLIANCE WITH OSHA REQUIREMENTS AND ARE LOCATED TO PERMIT 16” STEP SPACING IN SO FAR AS POSSIBLE.