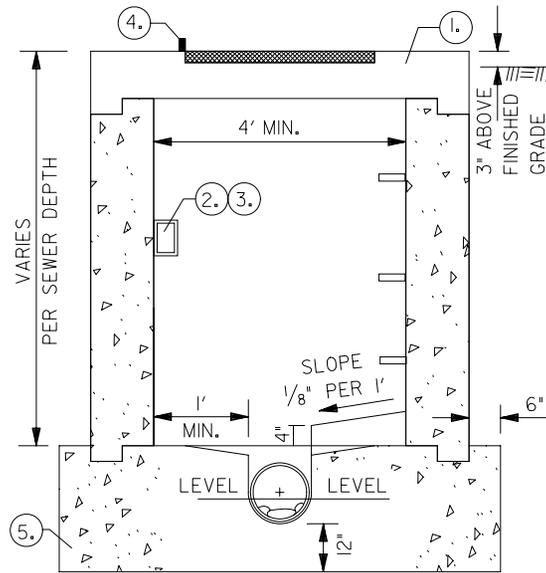
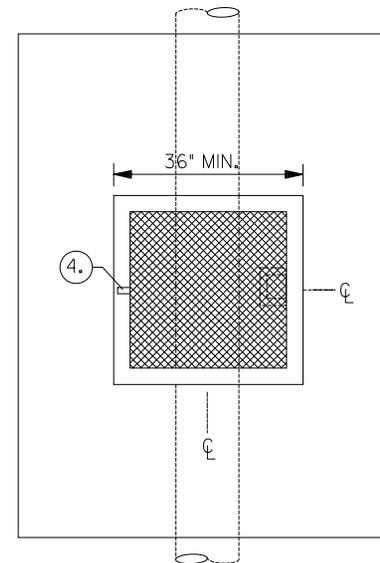


PLAN VIEW



SECTION A-A



MANHOLE & COVER SLAB

MATERIALS LIST

- ①. PRECAST CONCRETE VAULT AND COVER.
- ②. IIO VAC JUNCTION BOX (EXPLOSION PROOF).
- ③. JUNCTION BOX WITH AMHPENOL CONNECTOR FOR 4-20MA. OUTPUT OR PULSE OUTPUT.
- ④. LID MUST BE EQUIPPED WITH FACTORY INSTALLED LOCKING MECHANISM.
- ⑤. CAST IN PLACE BASE CLASS B CONCRETE
- ⑥. M.H. STEPS PER MAG. STD. DET. NO. 428 AT CENTER.
- ⑦. PALMER BOWLUS OR PARSHALL STYLE FLUME OR APPROVED EQUAL.
- ⑧. ADDITIONAL BRACE AT MEASURING POINT.

NOTES:

- 1. Invert Elevations shall be Provided for the Proposed flume. This shall include elevations for the entire run of piping to Which the Flume is to be connected.
- 2. Flow Calculations shall be Provided Indicating the Minimum, Maximum, and Average Flows to Be Discharged Through the Flume.
- 3. The Minimum Inside Dimensions Shall be (4') Four Feet by (6') Six Feet, with a Minimum Inside Height of (36") Thirty Six Inches from the top of the Flume. Any Alterations to These Requirements shall be Reviewed on a Case by Case Basis by the Environmental Division.
- 4. Access to the Vault shall be a Bilo Style Door with a Factory Installed Locking Mechanism. The Door shall be a Minimum Inside Opening Diameter of (29") Twenty Nine Inches and Place Over the Center of the Flume. A Double Hinged Style Door shall be Used when Possible. Load Specifications of the Door Reviewed Depending on the Placement of the Vault.
- 5. Vault shall be Constructed on a Straight run of the Building Sewer with (24) Twenty Four Hour Accessibility and Located on the Premises as Close as Possible to the Public Right of Way.
- 6. Top of Vault shall be a Minimum (3") three inches and a Maximum of (24") inches Above Finished grade.
- 7. Vault shall be Supplied with IIO VAC in an Explosion Proof Box (Installed to Code).
- 8. Industry shall Install a Junction Box with an Amphenol Style Connector Call 350-2678 To Obtain Parts numbers.
- 9. A Palmer Bowlus, Parshall Style Flume or Approved Equal, shall be Installed per the Manufacturers Recommendations. Flume shall be Placed in the Center of the Vault.

ORIGINAL SIGNATURE ON FILE  
AT THE CITY OF TEMPE

APPROVED: \_\_\_\_\_  
CITY ENGINEER DATE