

STANDARD MANHOLE

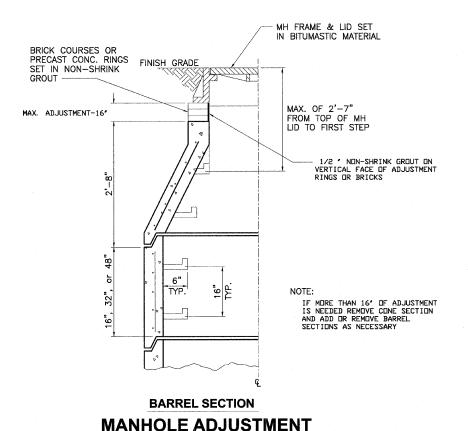
VERTICAL SECTION

5/8 OF I.D.

3/4" CLEAN CRUSHED ROCK

UNDISTURBED EARTH

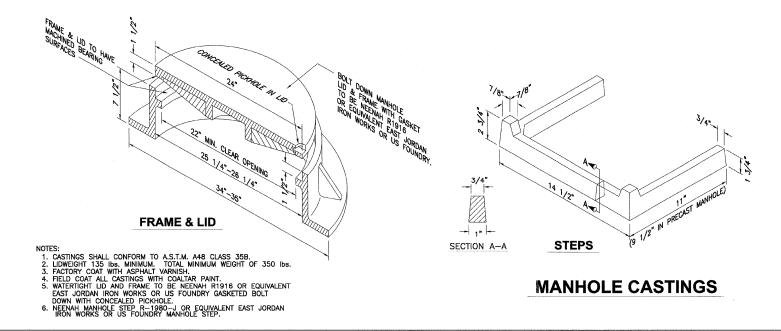
4' MIN. IN SOIL ---



8894 05-00073-01-PV MADISON 68 WATERTIGHT FLEXIBLE GASKET TO STA. N.A. STA. N.A. PRECAST IN CONCRETE FED. ROAD DIST. NO. ILLINOIS FEDERAL AID PROJECT INITIAL FILL AT GASKET BEVEL END OF PIPE WITH GRANULAR EMBEDMENT MATERIAL TOP OF SLOPED CONCRETE APRON 1'x 1' SPACE FILL W/BUTYL RUBBER MASTIC MATERIAL -FILL W/BUTYL RUBBER MASTIC MATERIAL TO 5/8 I.D MANHOLE BASE STYROFOAM FILL (LEAVE VOID AT GASKET) CRUSHED ROCK UNDISTURBED EARTH

- 1. BITUMINOUS COATING ON EXTERIOR SURFACE OF MANHOLE SHALL NOT COME IN CONTACT WITH PIPE GASKET.
- 2. FOR CAST-IN-PLACE CONCRETE MANHOLES OR PRE-CAST WITH BOX-DUTS, THE PIPE GASKET SHALL BE A RUBBER LABYRINTH WATERSTOP WITH STAINLESS STEEL CLAMPING BANDS LOCATED AT CENTER OF WALL AND THE SPACE BETWEEN PIPE & WALL COMPLETELY GROUTED WITH NONSHRINKING MORTAR.
- 3. PIPE MAY PROJECT 1" MAXIMUM PAST INSIDE WALL OF MANHOLE.

MANHOLE GASKET



CUNCRETE ENCASEMENT TU SPRINGLINE OF VCP; GRANULAR EMBEDMENT TO TOP OF OTHER TYPES OF PIPES

ILLINOIS DEPARTMENT OF TRANSPORTATION DATE SANITARY SEWER DETAILS SCALE: VERT. N.A. HORIZ. N.A. DRAWN BY AJK CHECKED BY JWB

CONTRACT 97364 COUNTY TOTAL SHEET SHEETS NO.

29

RTE. SECTION