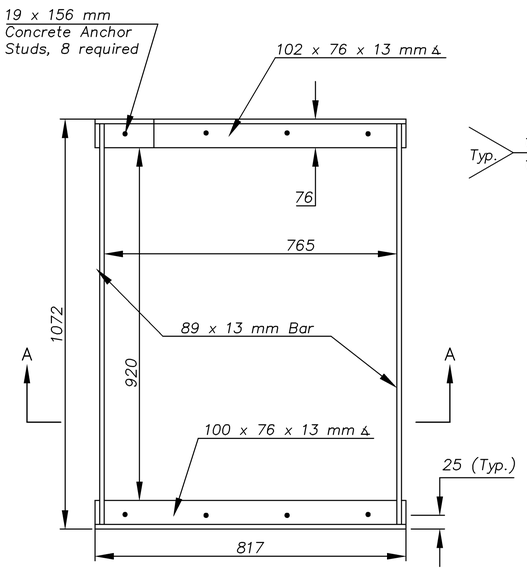
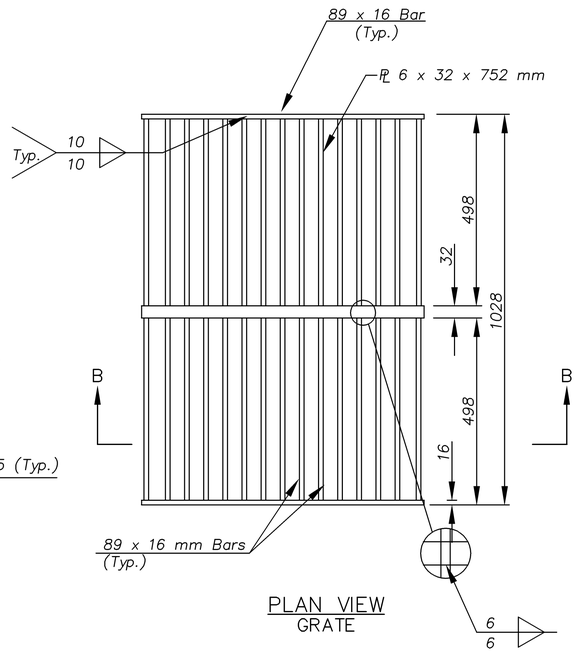
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54–87 K–8259–08	2005	56	223

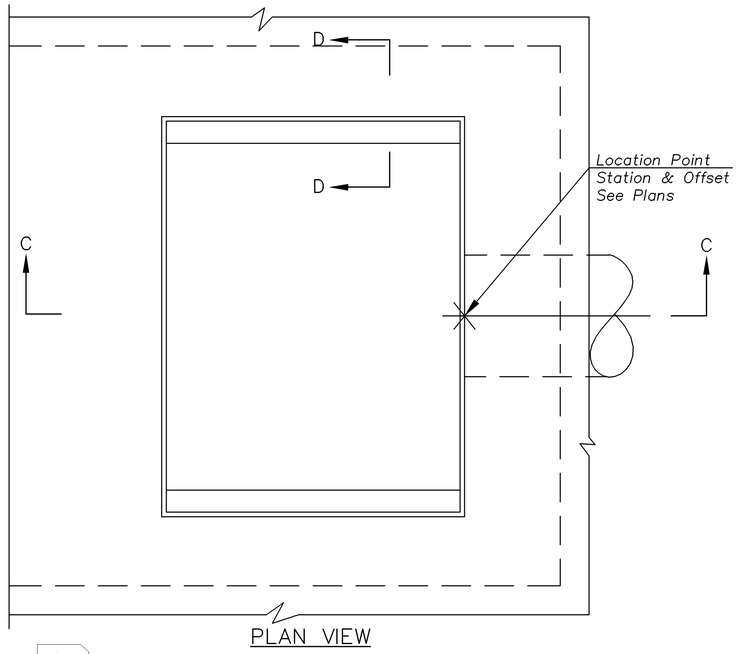
DATE	BY	REFERENCE NOTED	REFERENCE CHECKED



PLAN VIEW
FRAME



PLAN VIEW
GRATE



PLAN VIEW

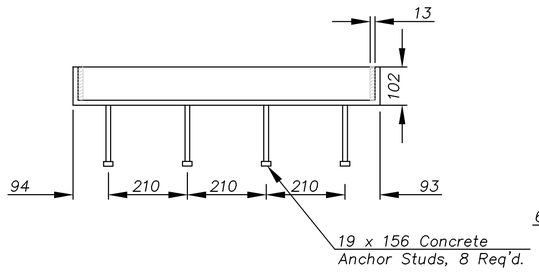
GENERAL NOTES

In general, pipes will enter and leave the inlet at various positions. Where possible, bend bars around pipes.

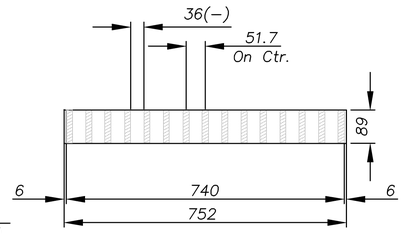
Floor of inlet shall be shaped as shown in various "Examples" on Reinforced Concrete Manhole Standard RD 730 Sl. Concrete used for shaping shall be unreinforced Grade 31 Concrete (AE) or concrete pavement mix. No addition in concrete quantities shall be made for shaping floor of inlets.

No deductions in concrete or reinforcing steel quantities shall be made for pipe openings.

When so ordered by the Engineer, the top of the manhole shall be sloped slightly to approximately fit the ground line or other conditions.

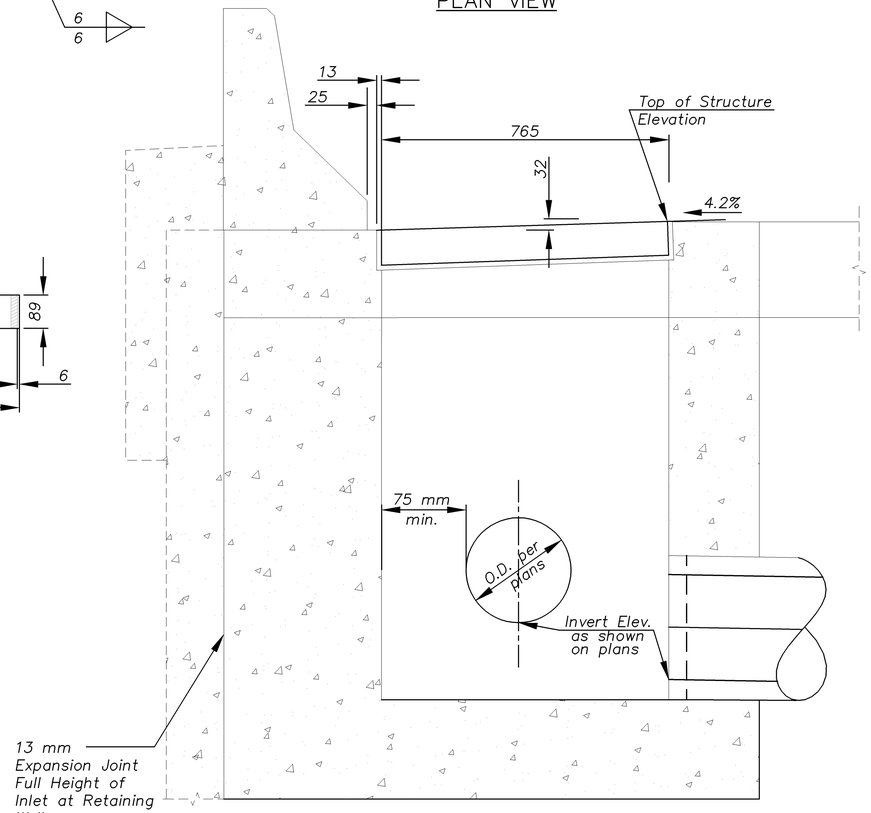


SECTION A–A

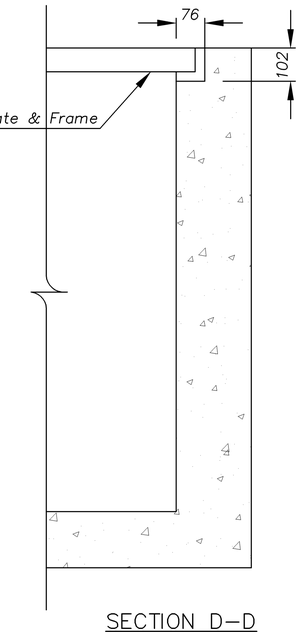


SECTION B–B

FRAME AND GRATE



SECTION C–C



SECTION D–D

NOTES:
All structural steel shall comply with ASTM A36M. The unit shall be hot dipped, galvanized after fabrication, in accordance with ASTM A123 except the weight of coating shall average not less than 0.610 kg per sq. m of actual surface and no individual test shall show less than 0.549 kg of coating per square meter of actual surface area. The welded structural steel grate and frame weight = 216 kg.

NOTE: All dimensions are in mm, unless otherwise noted.

Note: Refer to Shoulder Pavement and Grate Inlet Special (2) Reinforcement Details for Dimensions and Reinforcement.

CFS Cook, Flatt & Strobel ENGINEERS, P.A.

Drawn by: Plotted: SCALE
File:

KANSAS DEPARTMENT OF TRANSPORTATION

GRATE INLET SPECIAL (2)

J:\00011ph2\KELLOGG ROCK TO END\056 GRATEINLTSPC(2).dwg 6/17/2005 4:56:37 PM CDT