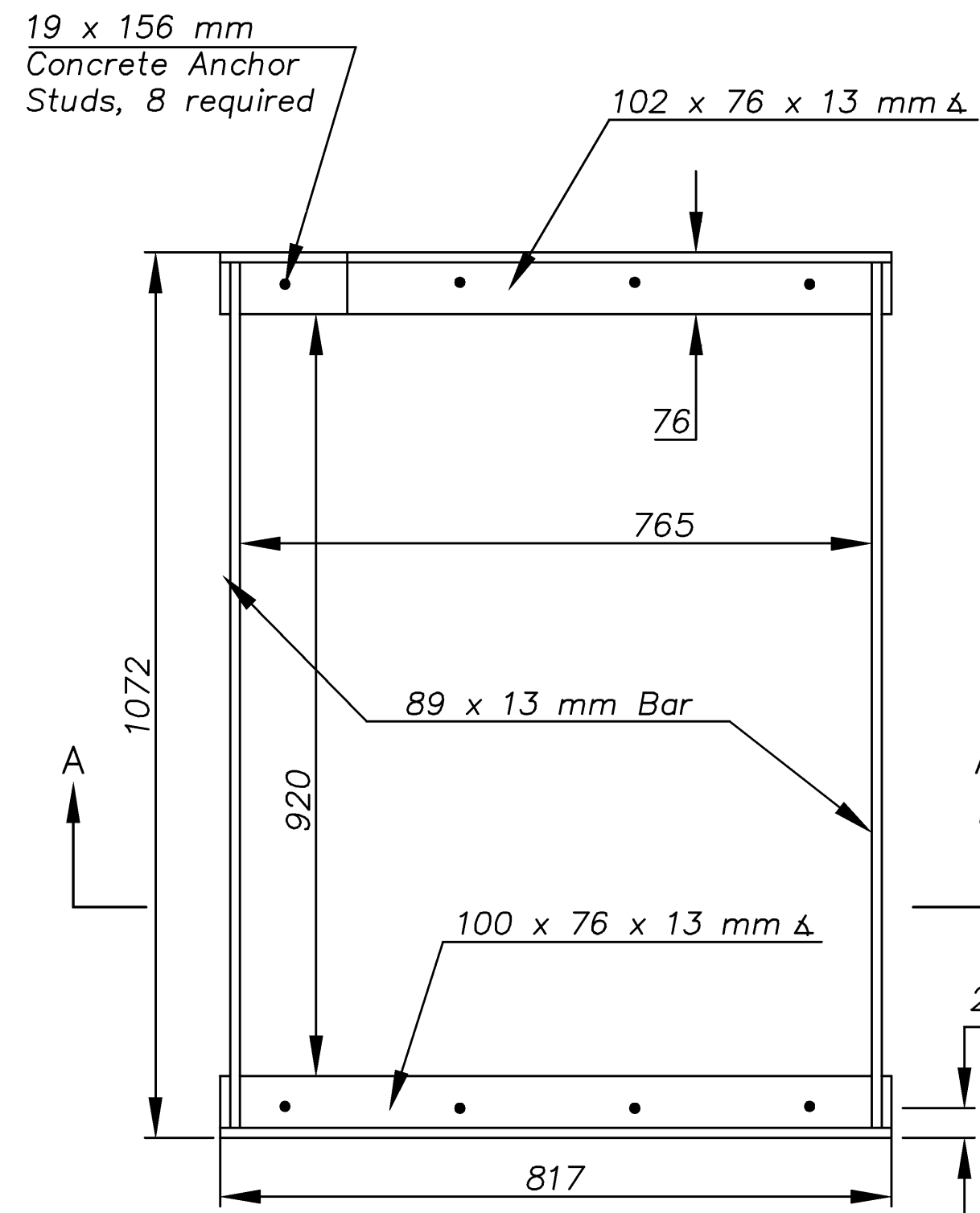
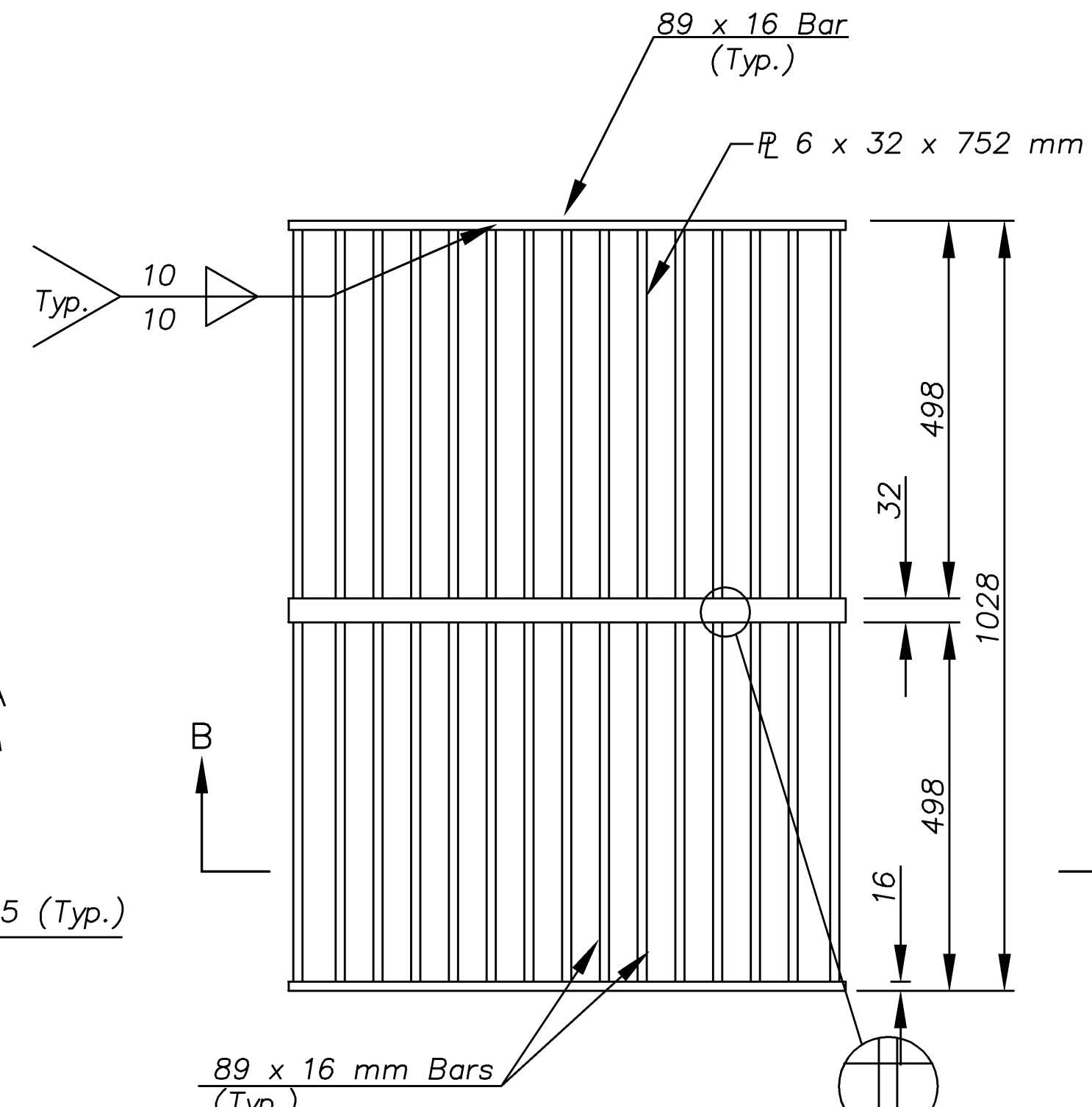


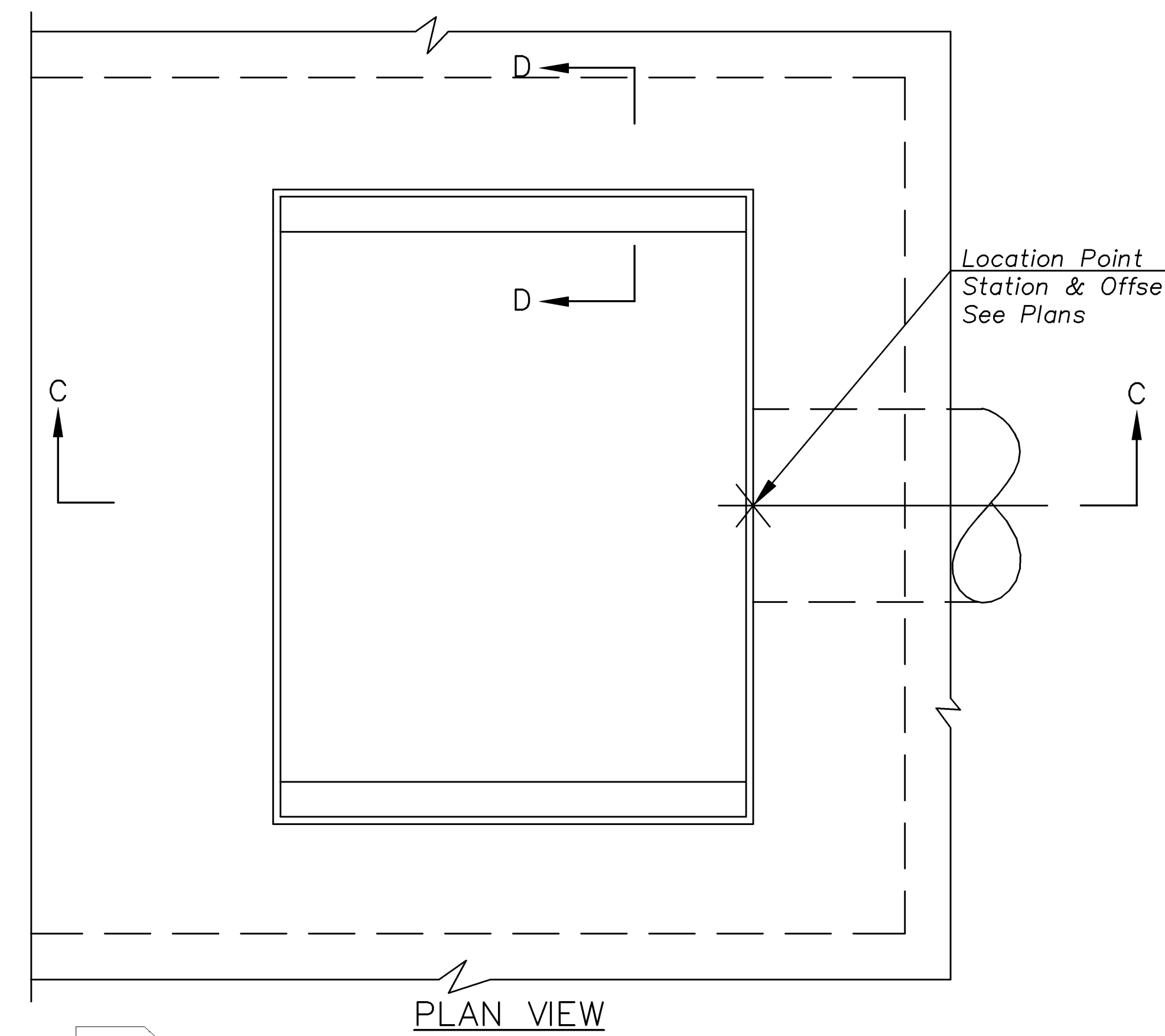
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-8258-01	2007	117	556



PLAN VIEW  
FRAME



PLAN VIEW  
GRATE

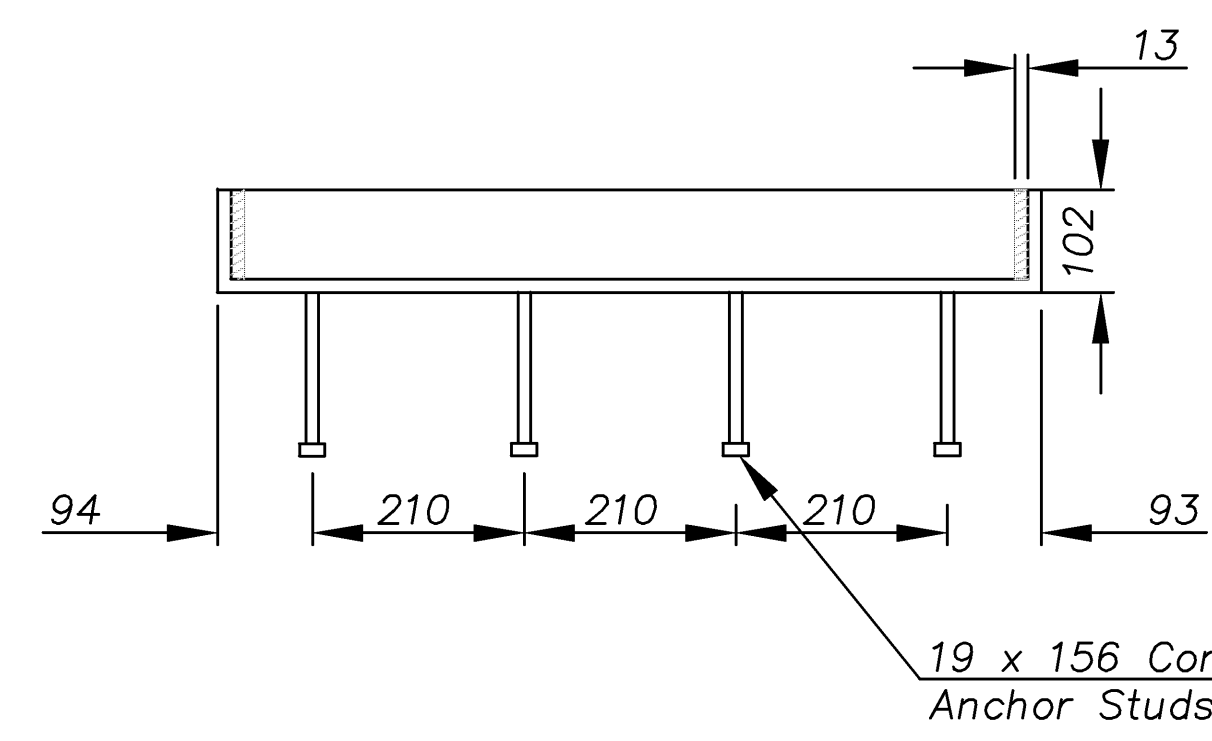


PLAN VIEW

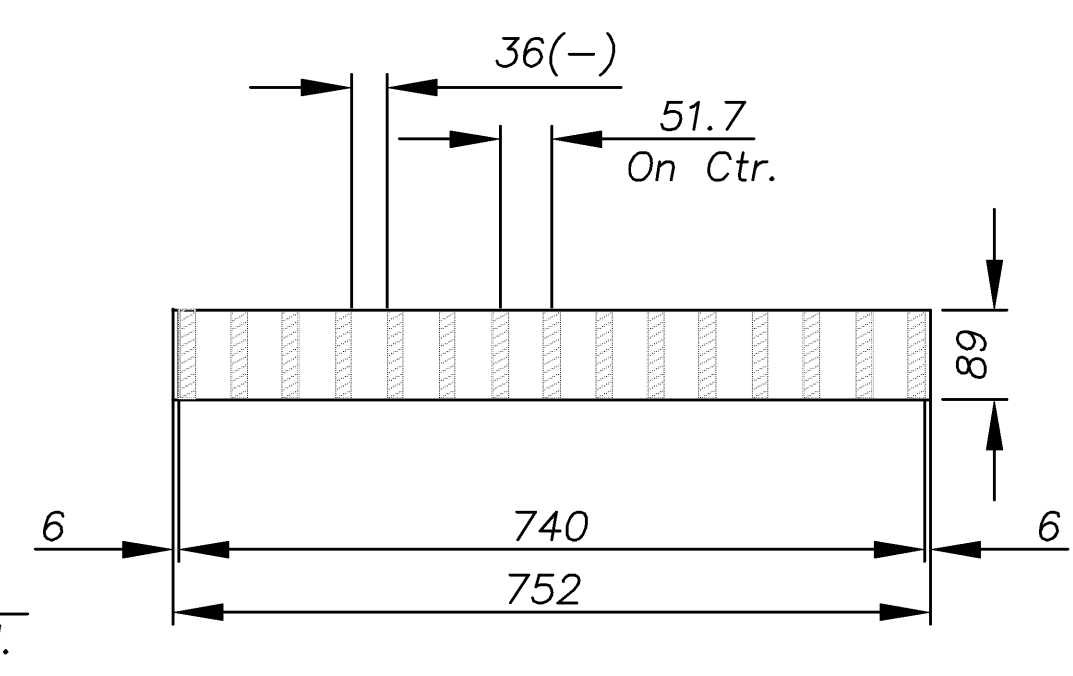
Location Point  
Station & Offset  
See Plans

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 SI. 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.

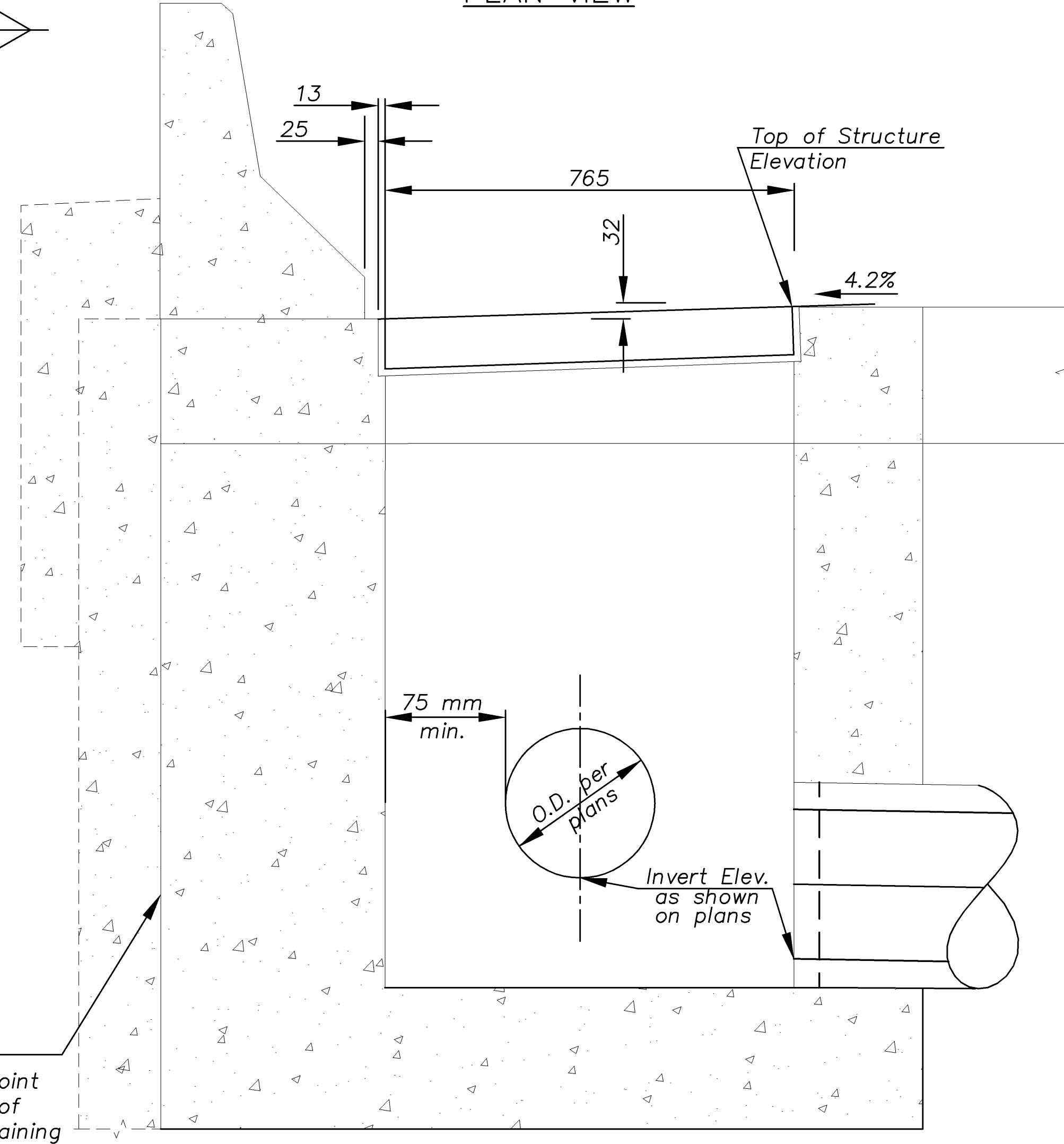


SECTION A-A

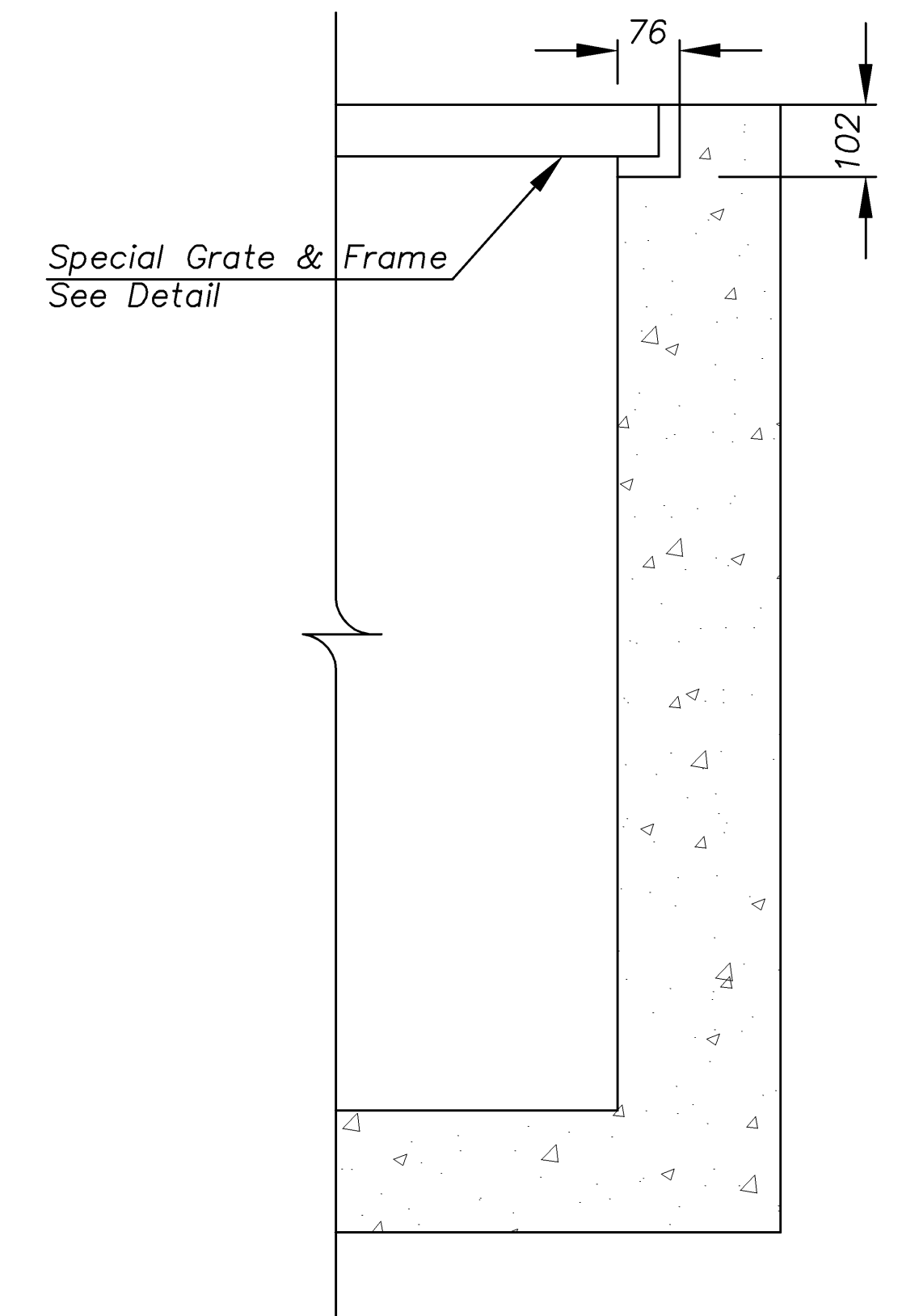


SECTION B-B

FRAME AND GRATE



SECTION C-C



SECTION D-D

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.

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.

13 mm  
 Expansion Joint  
 Full Height of  
 Inlet at Retaining  
 Walls.

KANSAS DEPARTMENT OF TRANSPORTATION

GRATE INLET SPECIAL (2)

DATE	
BY	
REFERENCE NOTED	
REFERENCE CHECKED	

Drawn by: SCALE

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