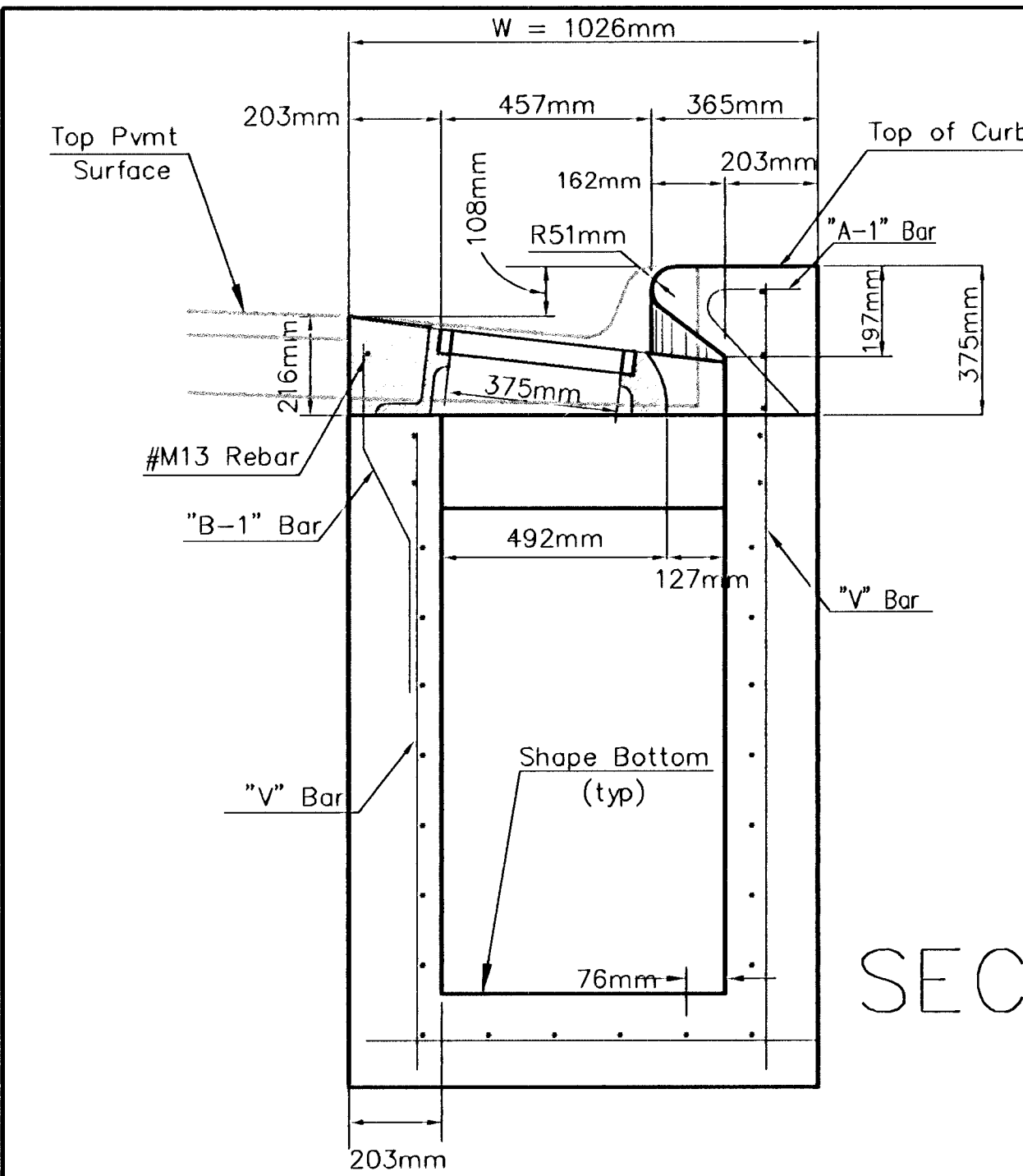
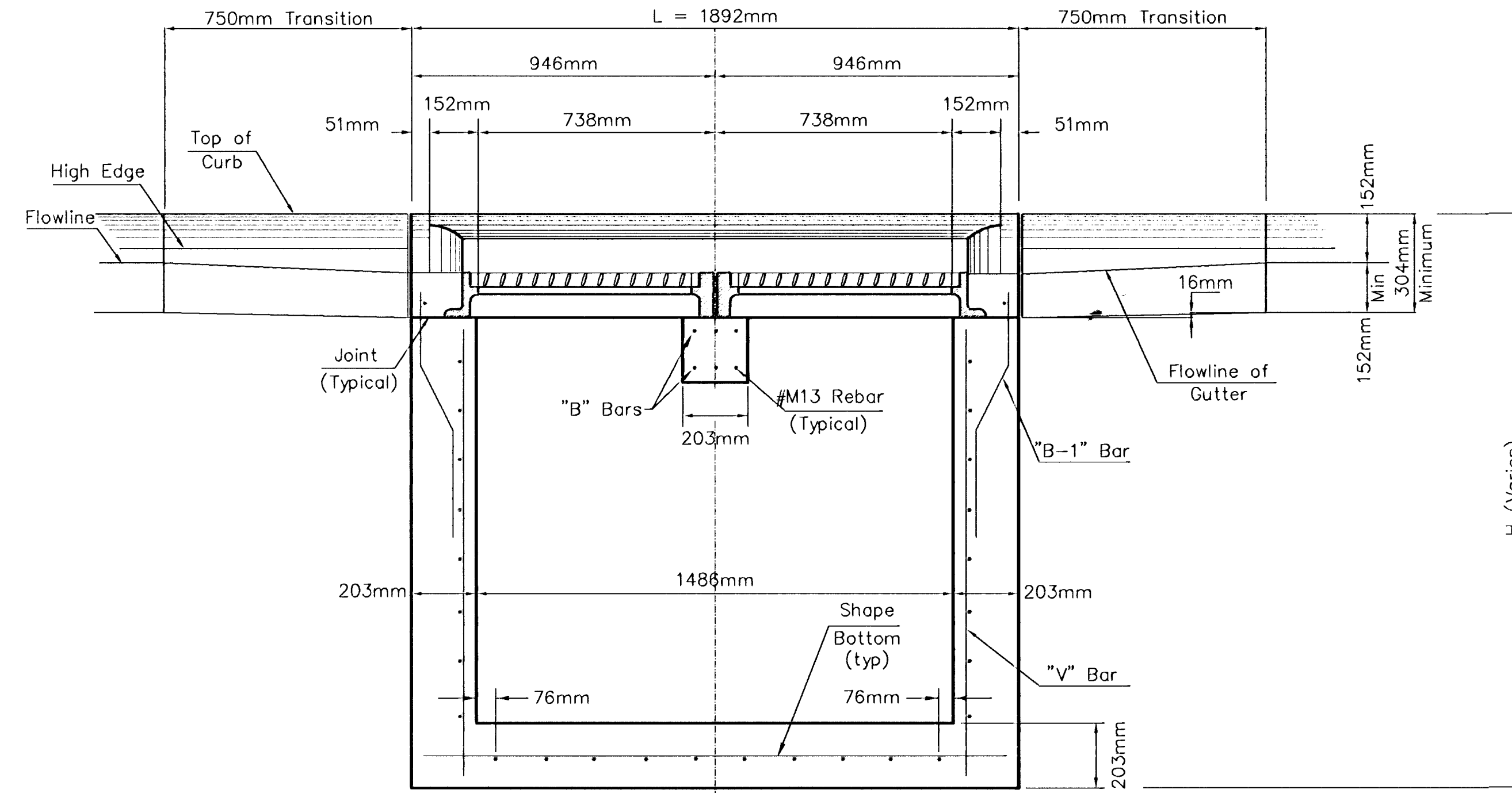


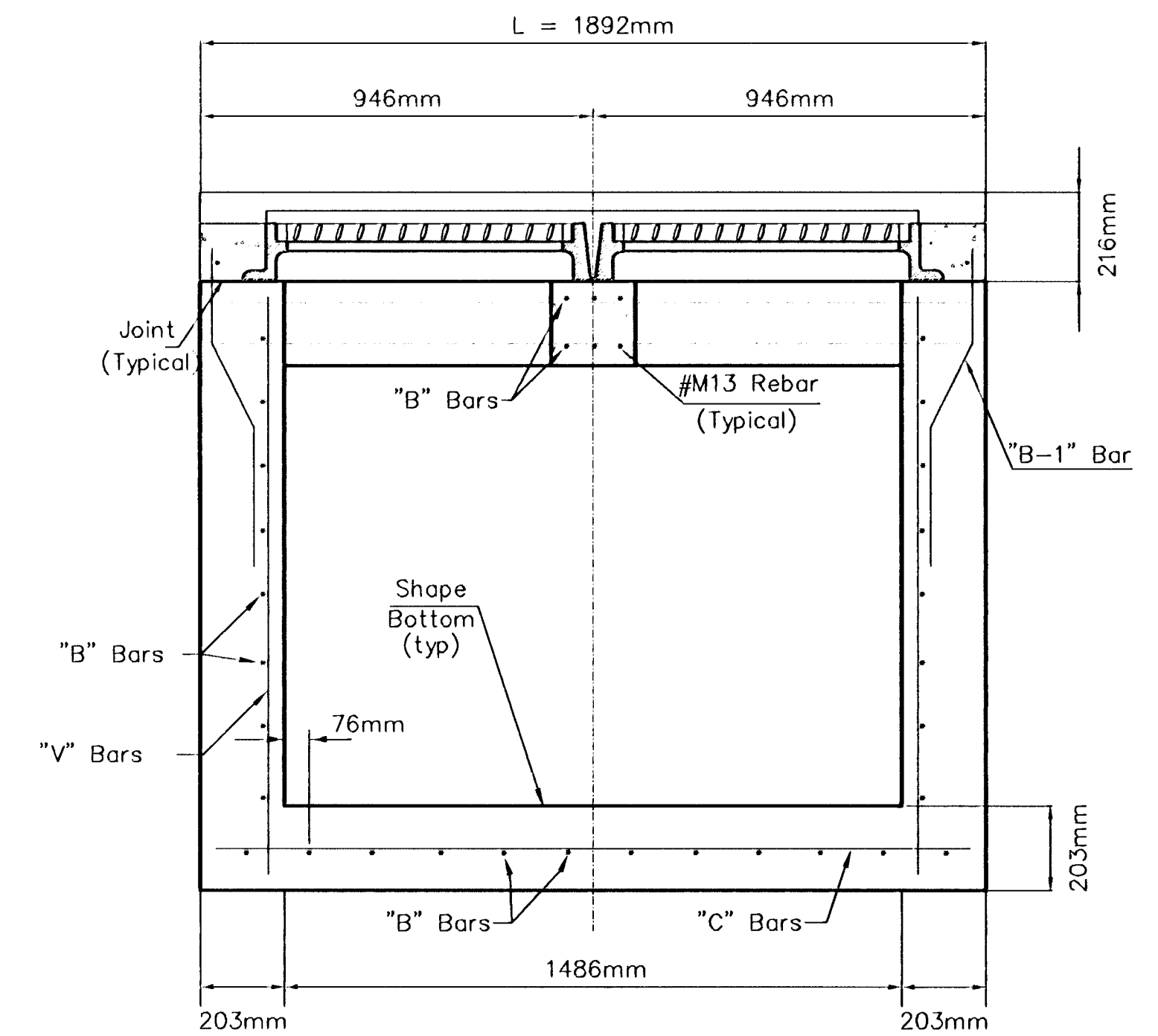
| RMA REGION NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|----------------|--------|--------------|-------------|-----------|--------------|
| 7 | KANSAS | 87-N-0225-01 | 2002 | 17 | 47 |



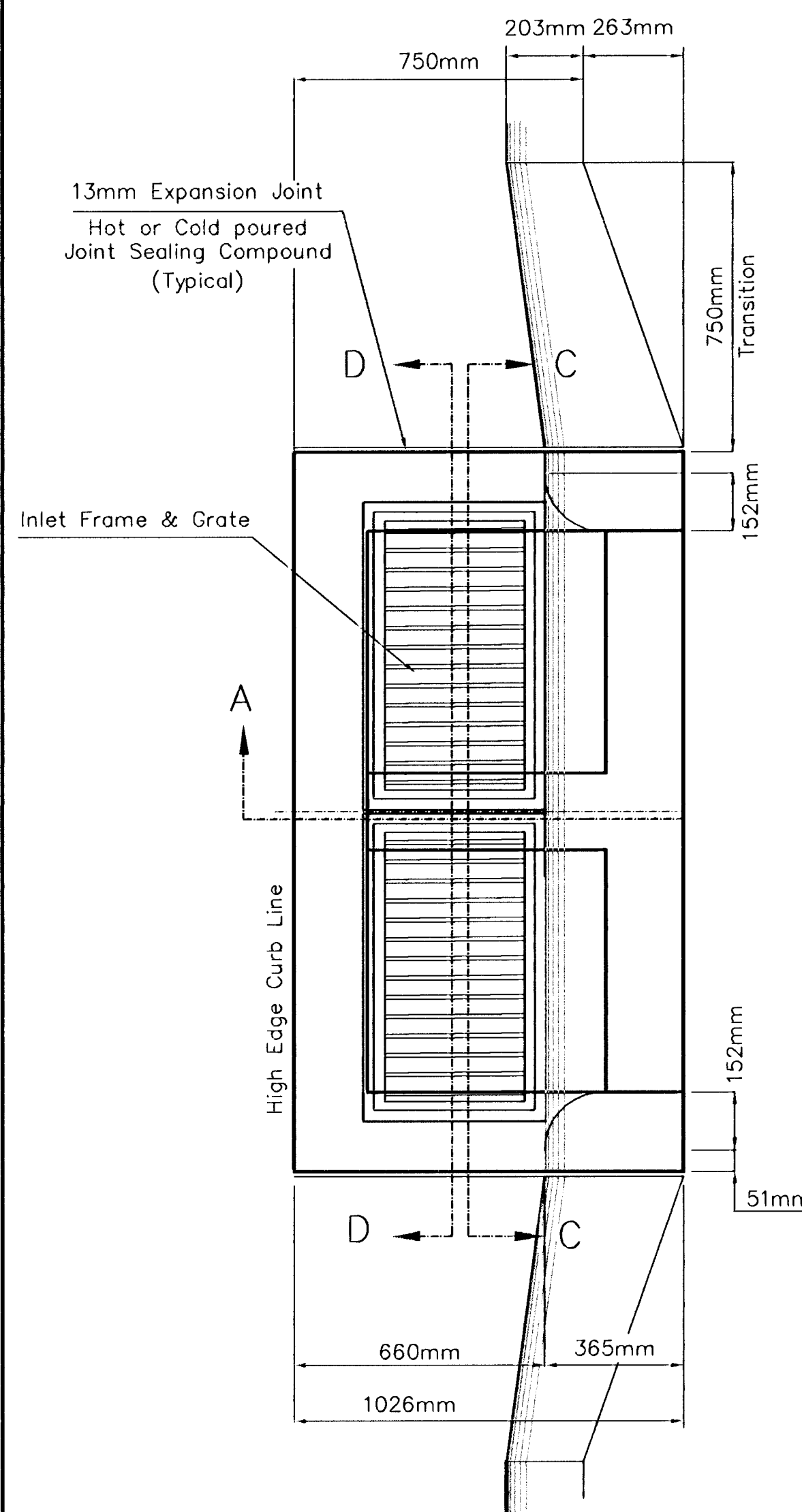
SECTION A-A



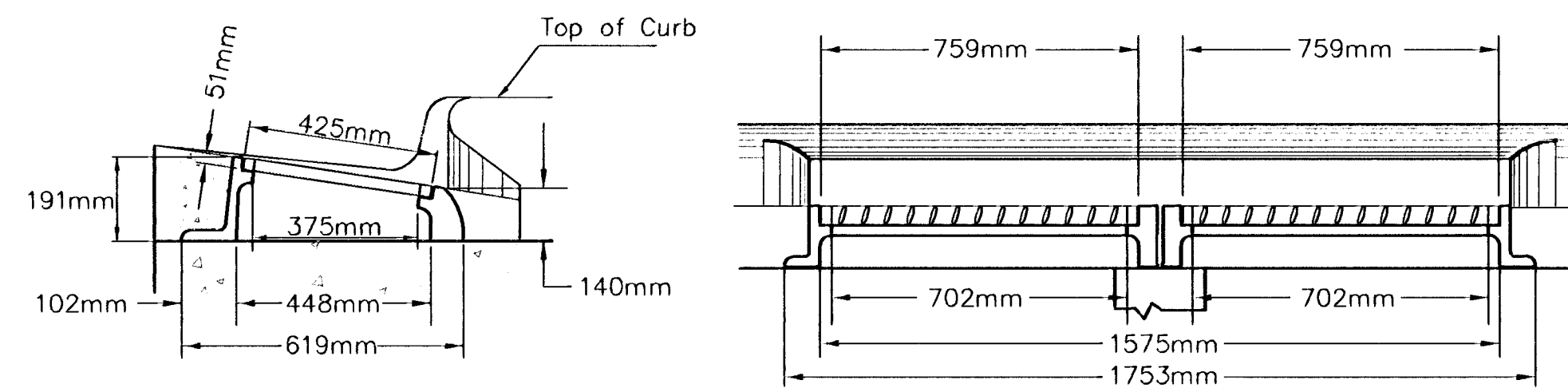
SECTION C-C



SECTION D-D

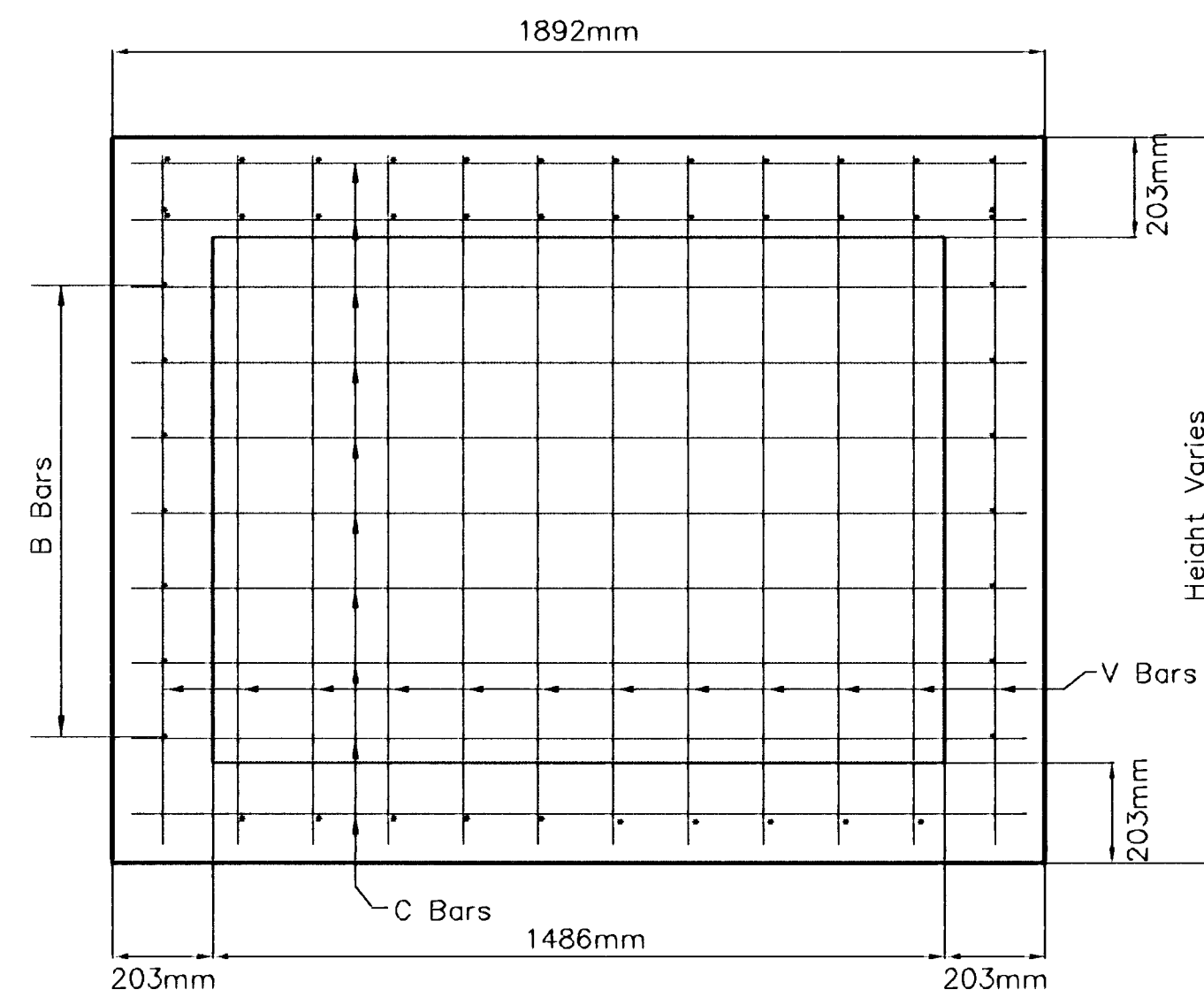


PLAN VIEW

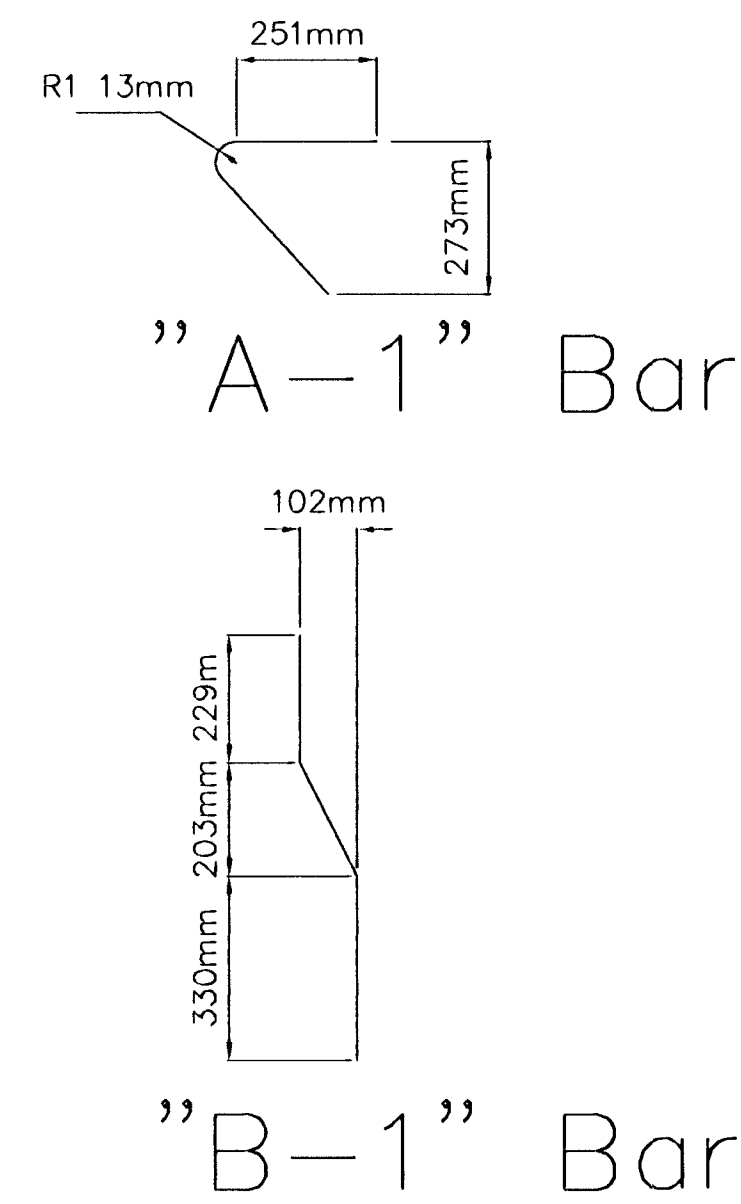


INLET FRAME WITH TWO-PIECE GRATE

(Neenah R-3288 HV2 Inlet or Approved Equal)



REAR WALL



General Notes

1. Use class A mix specified for the City of Wichita concrete pavement throughout curb inlet. All exposed edges shall be finished with an edging tool. Reinforcing bars shall be bent around pipe.
2. Inlet invert shall be shaped with 8 sack mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
3. All bars are #M13 with 150mm spacing and shall have a minimum clearance of 35mm unless otherwise noted on the plans.
4. No deductions will be made in pay length of curb, gutter, or curb and gutter through the inlet area.
5. Use Neenah R-3288 HV2 Double Inlet Frame w/ two piece grate or approved equal. Inlet frame to be proof load tested to 178,000 N. on the unsupported side.
6. Reinforcing bars shall be cut or bent around pipes. No deduction in concrete quantities shall be made for pipe openings.
7. The vanes of the grate shall be oriented with respect to the flow arrows shown on the plans.
8. All castings shall be gray iron and shall comply with KDOT Standard Specifications.
9. All exposed cast iron surfaces shall be painted either in the shop topcoat or a field coat of organic zinc, each coat to be 3 to 4 mils.

Revised - Dec. 1995 - SGSJR



Revised - Feb. 16, 1989

| | | | | | |
|-----------------------------|-------------|----------------------|----------------|---|------------------------|
| PROJECT NUMBER 472-83799 | | SHEET NAME Mtyp2d | | ENGINEERING DIRECTORY F:\Eng\Lin\Mch\Details | |
| DESIGN STAFF | DRAWN STAFF | APPROVED JFB | DATE July 2003 | SCALE None | BAUGHMAN NO 01 03 E944 |

CITY OF WICHITA KANSAS
STANDARD TYPE 2 DOUBLE CURB INLET DETAILS
LINCOLN AND MCLEAN INTERSECTION IMPROVEMENTS

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316 262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET 17 OF 47