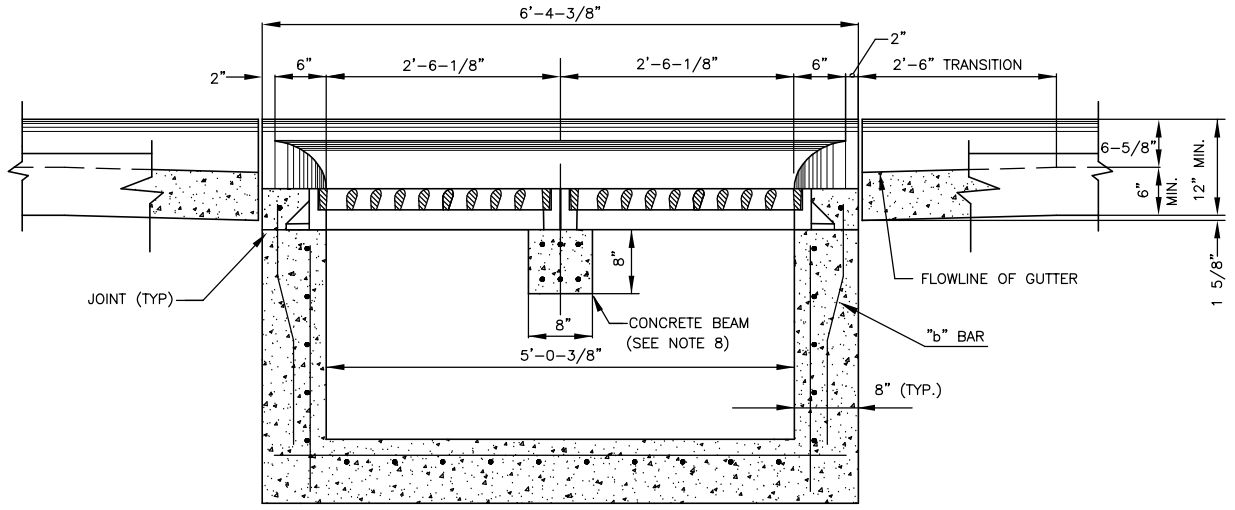
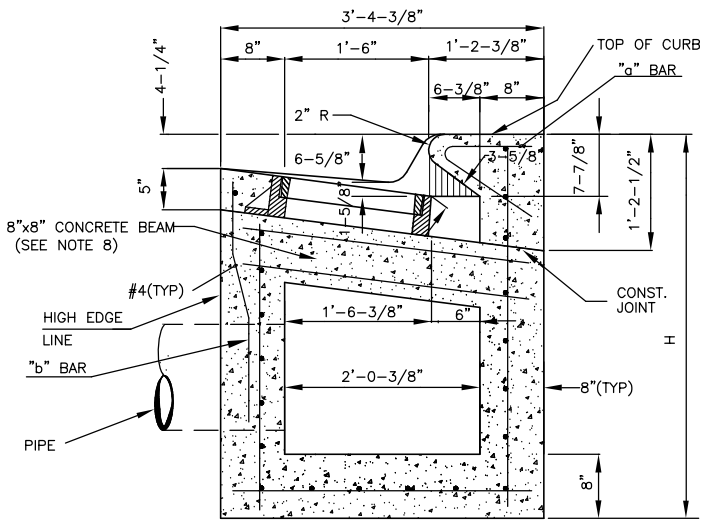
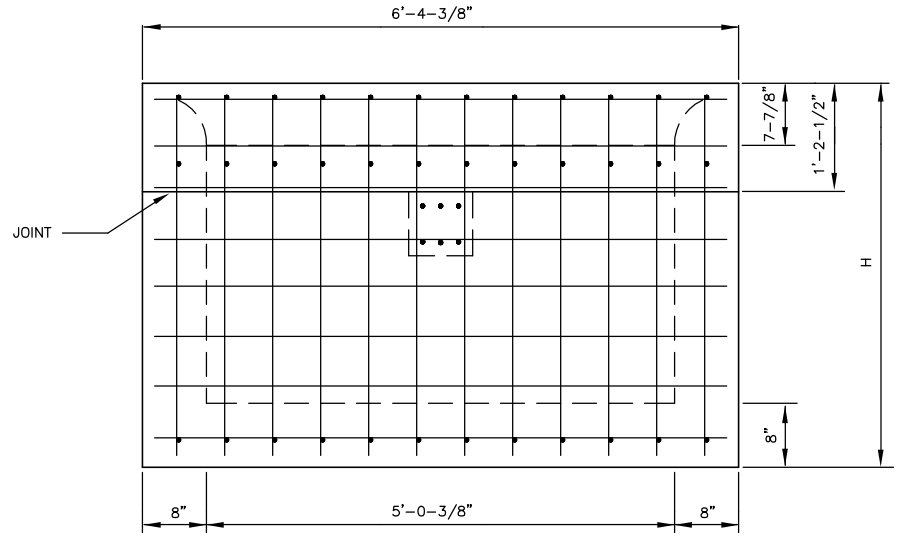
STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	87 N–0190–01	2005	28	96



SECTION C – C

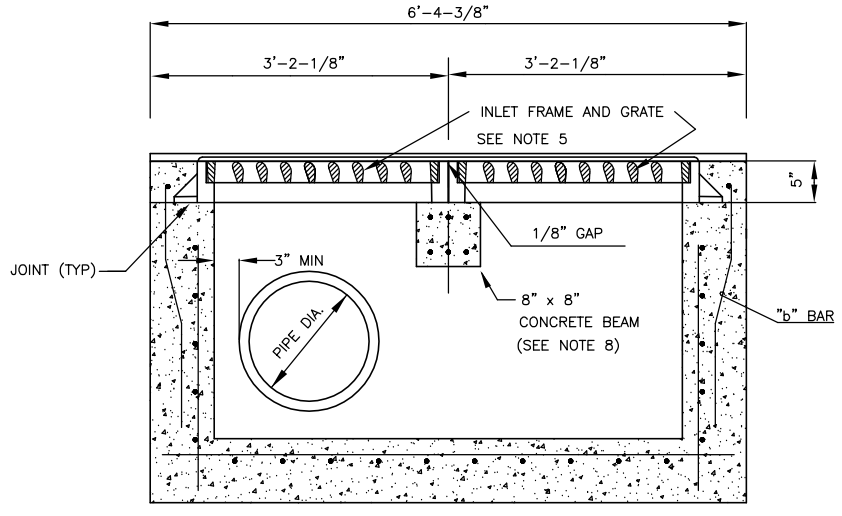


SECTION A – A

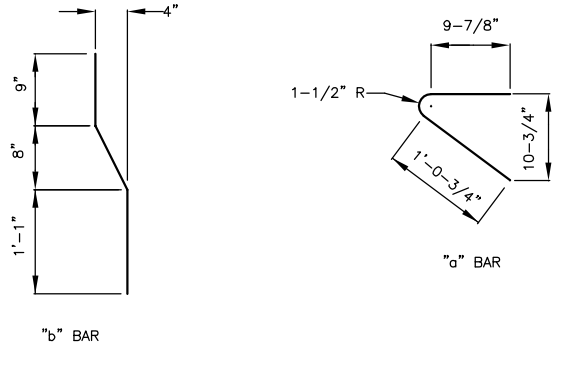


REBAR SIZES, SPACING, AND CLEARANCES PER NOTE 3.

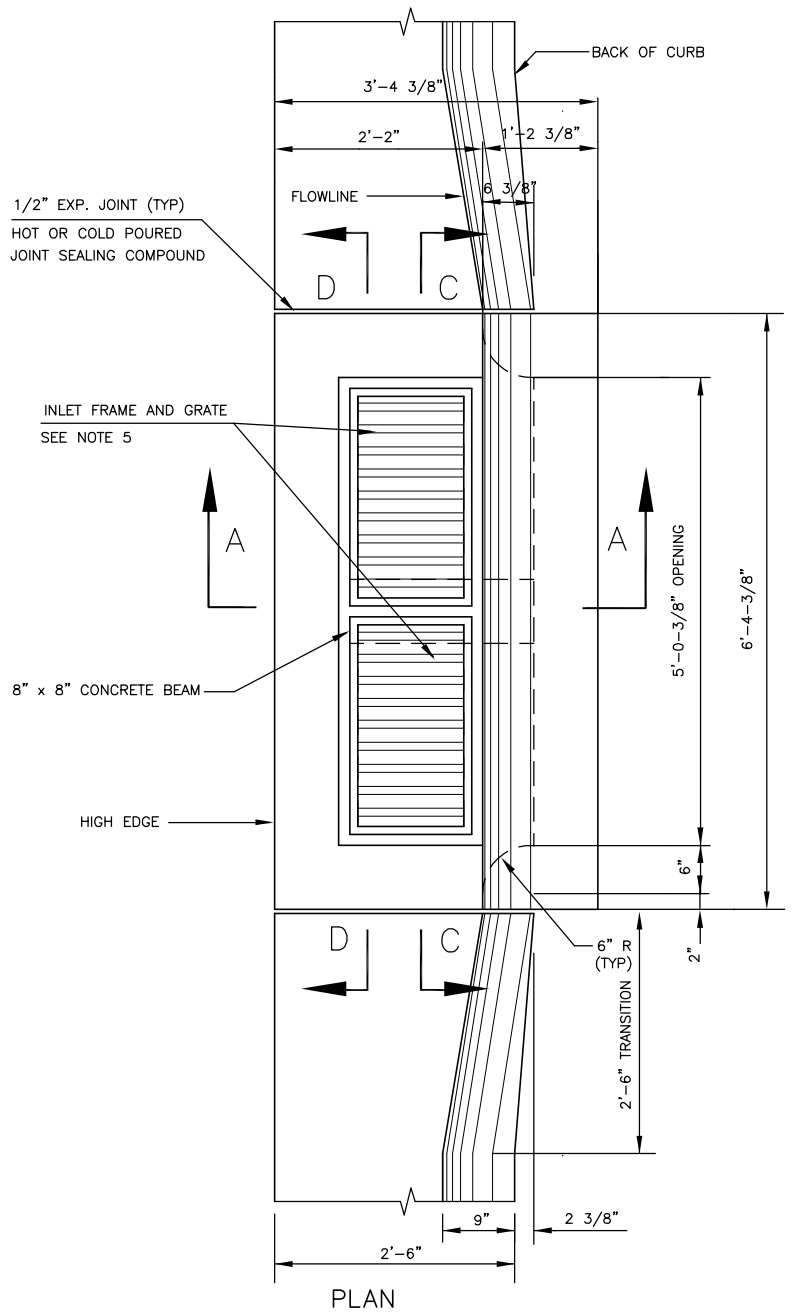
REAR WALL



SECTION D – D



BENDING DIAGRAM



PLAN

GENERAL NOTES

1. USE THE CONCRETE MIX SPECIFIED FOR THE CITY OF WICHITA CONCRETE PAVEMENT THROUGHOUT. ALL EXPOSED EDGES SHALL BE FINISHED WITH AN EDGING TOOL.

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 #4 WITH 6" SPACING AND SHALL HAVE A MINIMUM CLEARANCE OF 1–1/2" 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 DEETER 2442 & 2443 INLET FRAMES WITH GRATES OR APPROVED EQUAL. INLET FRAMES TO BE PROOF LOAD TESTED TO 40,000 LBS ON 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 TO INTERCEPT FLOW FROM THE DIRECTION SHOWN BY FLOW ARROWS ON THE PLANS.

8. ALTERNATE: IN LIEU OF CONCRETE BEAM, INSTALL A GALVANIZED STEEL W8x24 BEAM 3' LONG. STEEL AND GALVANIZING SHALL MEET THE REQUIREMENTS OF ASTM A36 AND A123 RESPECTIVELY.

SCALE

1" = 1'–0"

0' 0.5' 1' 2'

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KANSAS DEPARTMENT OF TRANSPORTATION

DOUBLE TYPE II CURB INLET OPENING = 3 5/8" x 5'–0 3/8"

PROJECT NO. 87 N–0190–01 SEDGWICK CO.

M K E C ENGINEERING CONSULTANTS, INC.

WICHITA, KANSAS

DESIGNED BY:	JRA	CHECKED BY:	JRA	
DRAWN BY:	WNJ	DATE: 2004		SHEET 28 OF 96