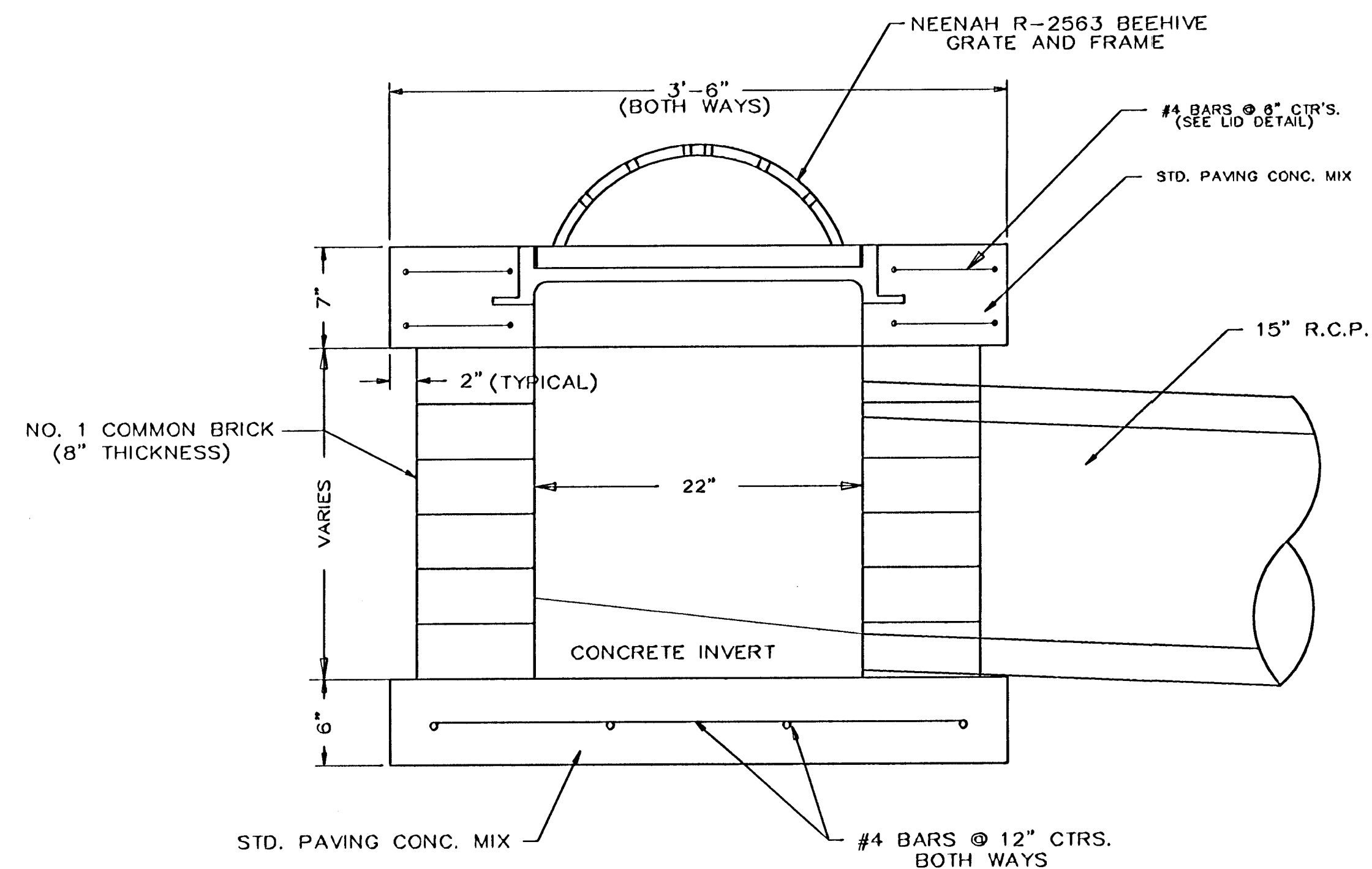
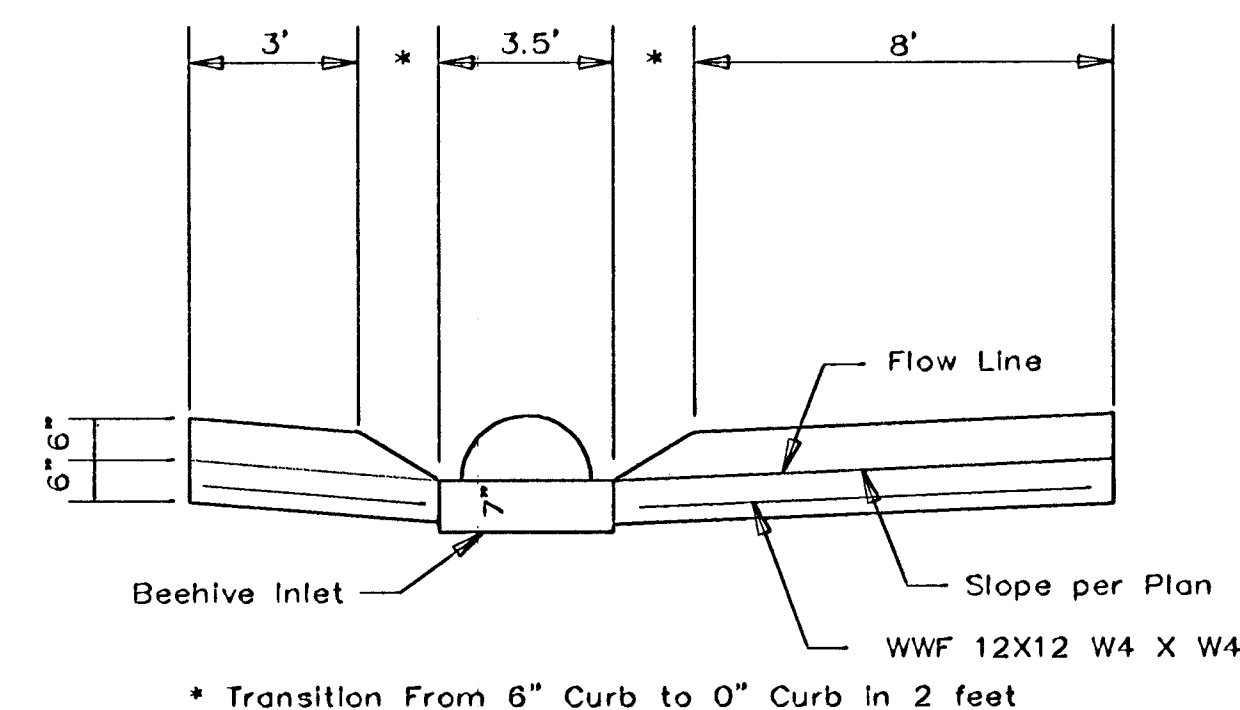


FWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0303-01	2003	52	143



SIDE VIEW



SECTION B-B

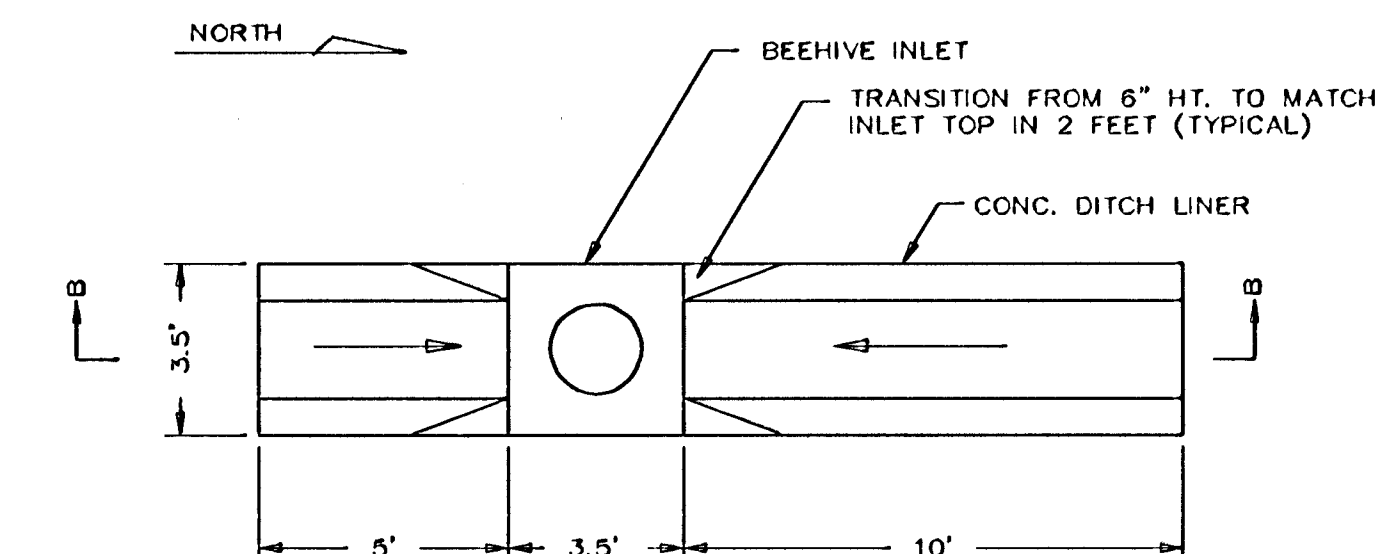
GENERAL NOTES

INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND 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.

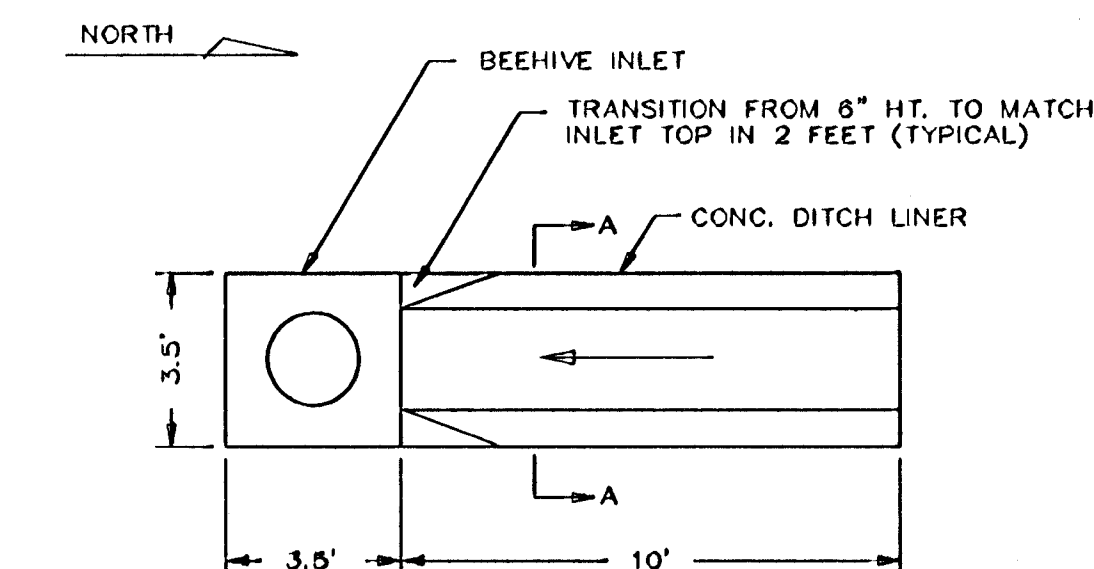
CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.

INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. BARS IN INLET TOP TO BE FIELD BENT OR CUT TO CLEAR BEEHIVE MANHOLE INLET RING.

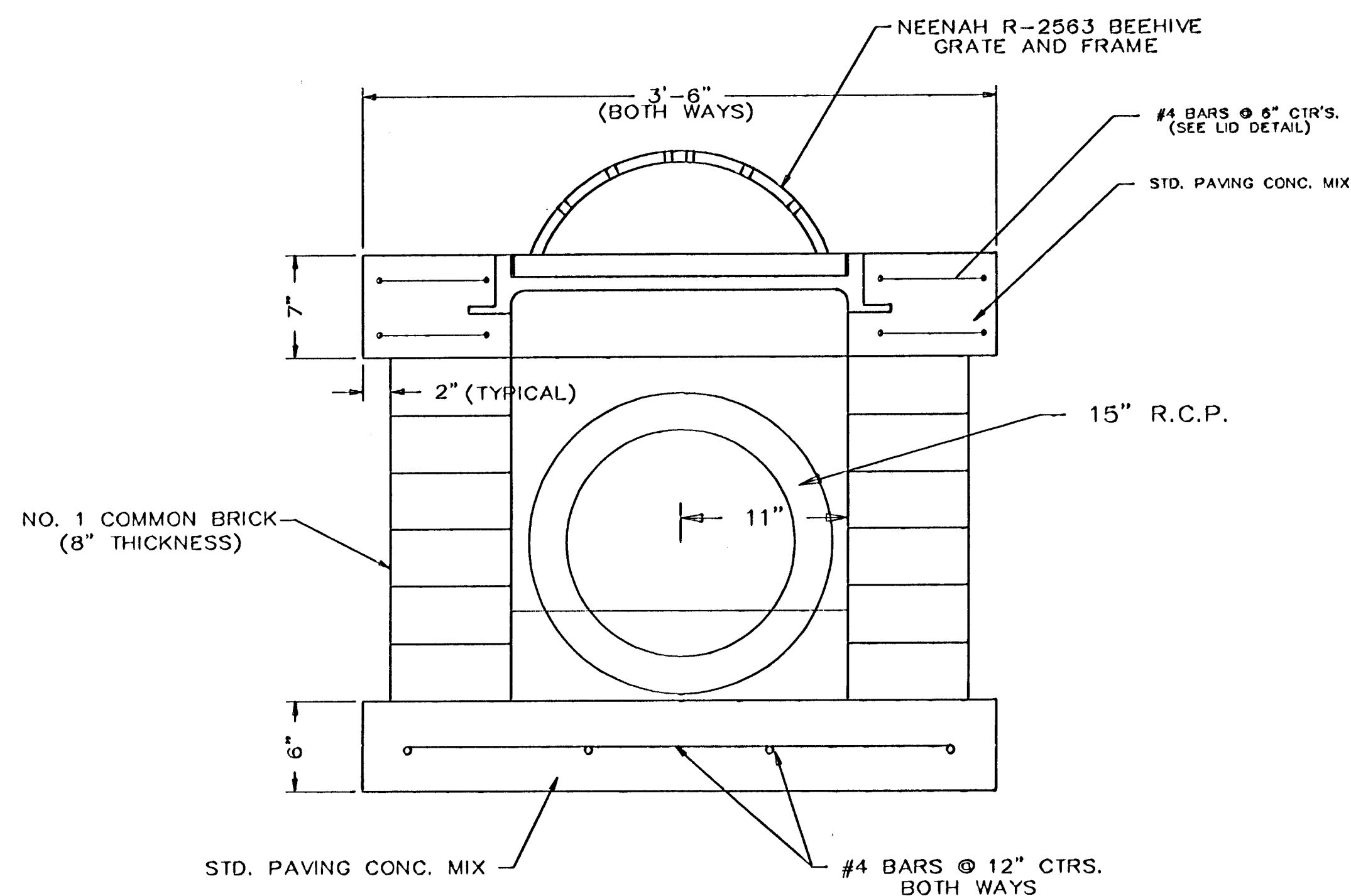
THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.



DITCH LINING DETAIL AT STATION 3+12, 119TH ST. WEST



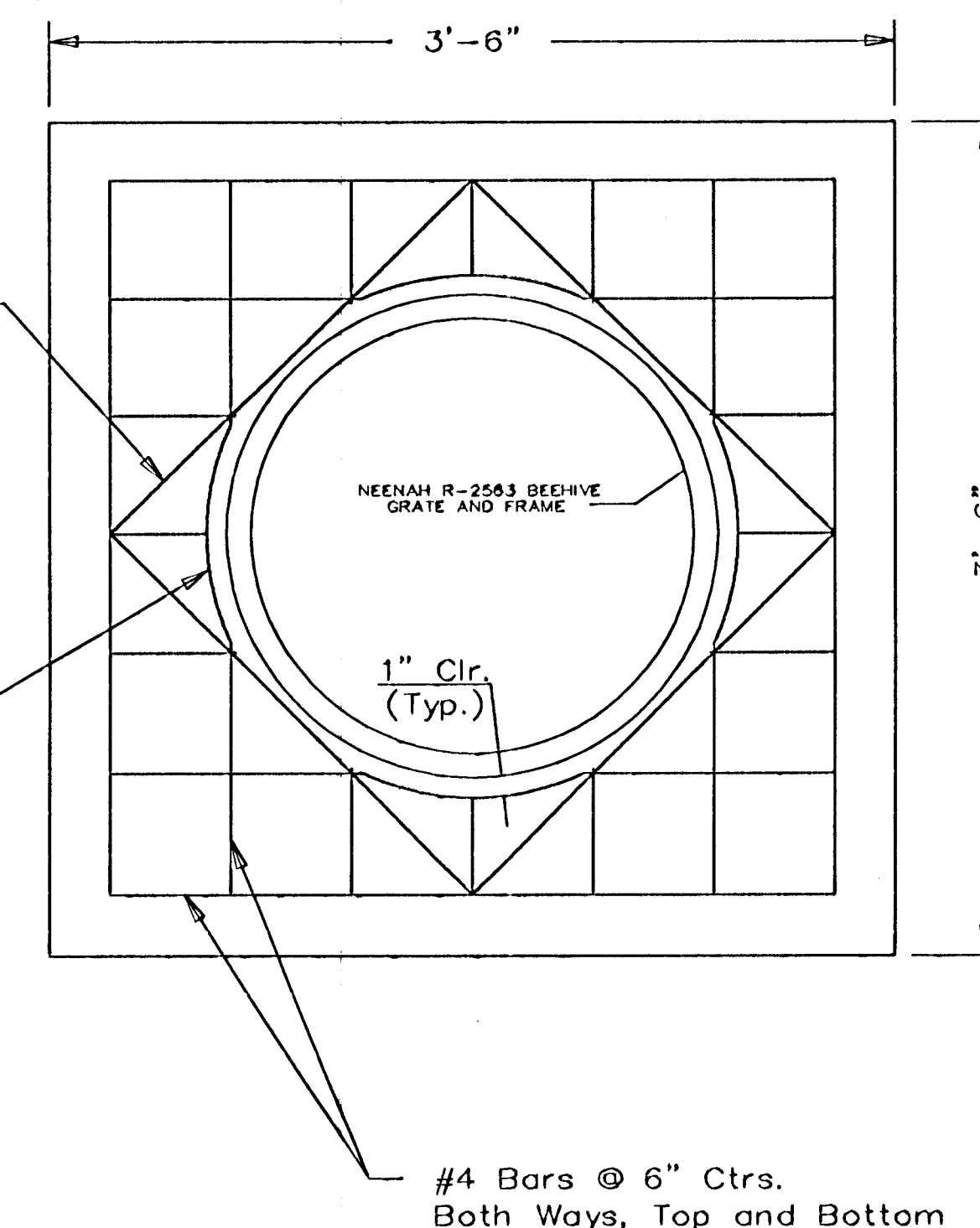
DITCH LINING DETAIL AT STATION 7+00, 119TH ST. WEST



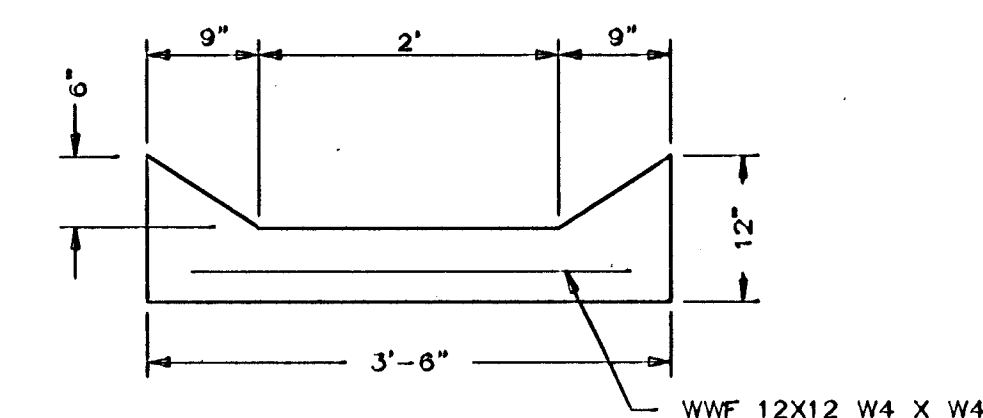
VIEW FROM CURB LINE

4- #4 Diagonal Bars to Reinforce Opening (Both Top and Bottom)

Field Bend As Necessary



LID REINFORCEMENT DETAIL



SECTION A-A

PROJECT NUMBER 472-83902			SHEET NAME Beehive		ENGINEERING DIRECTORY F:\Hydraulic phs2\details	
DESIGN STAFF	DRAWN STAFF	APPROVED JFB	DATE Nov. 2003	SCALE None	BAUGHMAN NO. 99-09-E451	
CAPITAL IMPROVEMENT PROJECT STANDARD DETAILS for BEEHIVE INLETS HYDRAULIC AVENUE PAVING - 57th STREET SOUTH TO 47th STREET SOUTH						BAUGHMAN COMPANY, P.A. ENGINEERING, SURVEYING, & PLANNING 316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET
52
OF
143