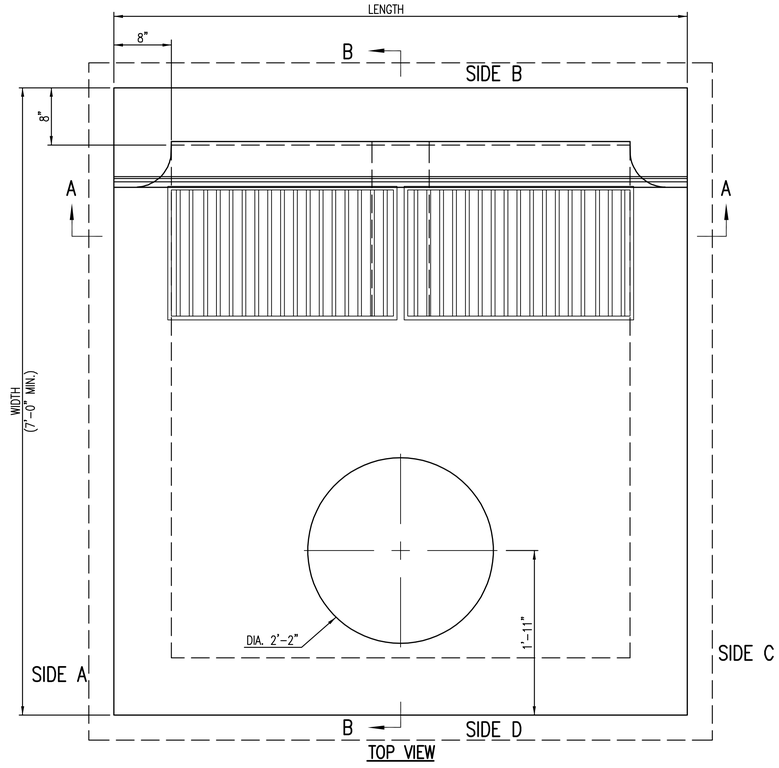
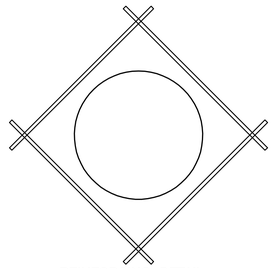
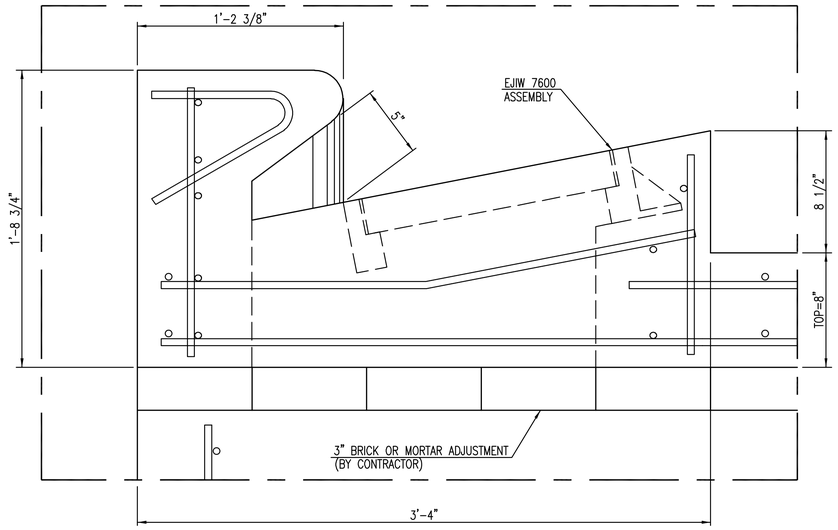


TOP VIEW

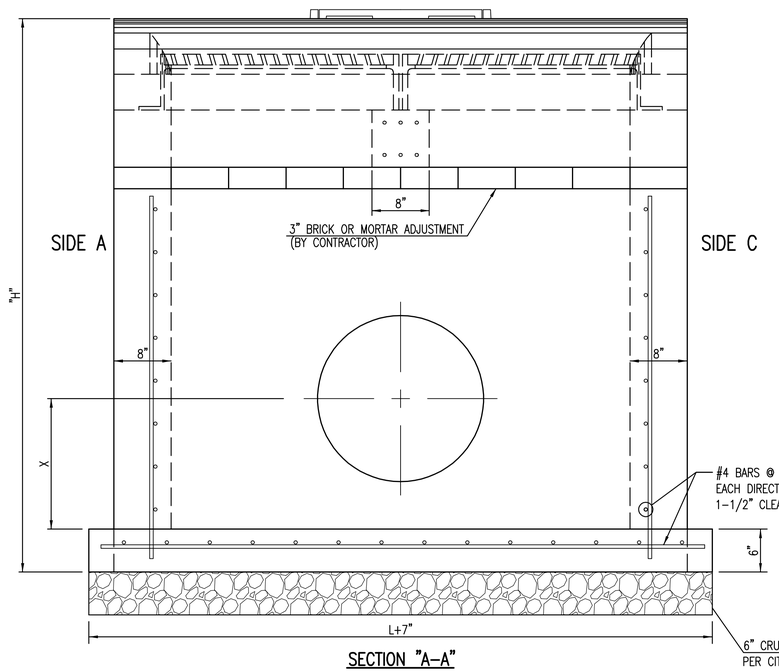
**ALL REINFORCING
TO BE #4 BARS @ 6" O.C.



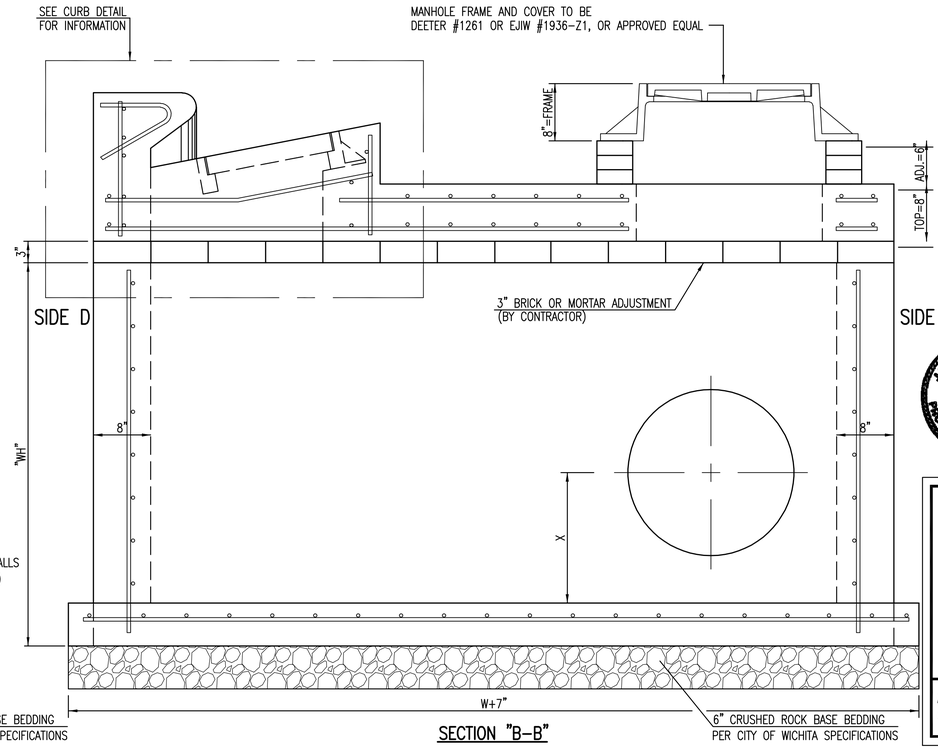
REINFORCING DETAIL
TYPICAL BLOCKOUT REINFORCING
(4) EA. #4 BARS



CURB DETAIL



SECTION "A-A"



SECTION "B-B"

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. REINFORCING BARS SHALL BE BENT AROUND PIPE.
2. INLET/MANHOLE 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" INCHES 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 FOUNDRY, INC. CASTING NO. 2442/43 OR EJIW 7600Z LEFT SIDE, 7600 RIGHT SIDE IN INLET FRAME AND GRATE WITH STYLE H GRATE. INLET FRAME TO BE PROOF LOAD TESTED TO 40,000 LBS. ON UNSUPPORTED SIDE.
6. RING AND COVER SHALL BE DEETER #1261 OR EJIW #1936-Z1, OR APPROVED EQUAL, SEE SW-303.
7. REINFORCING BARS SHALL BE CUT OR BENT AROUND PIPES. NO DEDUCTION IN CONCRETE QUANTITIES SHALL BE MADE FOR PIPE OPENINGS.
8. THE VANES OF THE GRATE SHALL BE ORIENTED WITH RESPECT TO THE FLOW ARROWS SHOWN ON THE PLANS.
9. AROUND INLET/MANHOLE OPENING IN TOP SLAB USE #5 BAR @ 45° ANGLE TO OTHER BARS. LENGTH = MH OPENING + 2'-0"
10. CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN INLET/MANHOLE WALL SHALL BE GROUTED FLUSH TO THE INLET/MANHOLE WALL WITH HYDRAULIC CEMENT AFTER THE INLET/MANHOLE IS IN PLACE. LIFTING HOLES THRU THE INLET/MANHOLE WALL WILL NOT BE ACCEPTED.

CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

SPECIAL TYPE II INLET/MANHOLE

CITY ENGINEER
GARY L. JANZEN, P.E.

PROJECT NUMBER	OCA NUMBER	DATE
472-84830	715727	05/2012

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

DESIGN	DRAWN

SHEET
54 of 212

SW-107

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