

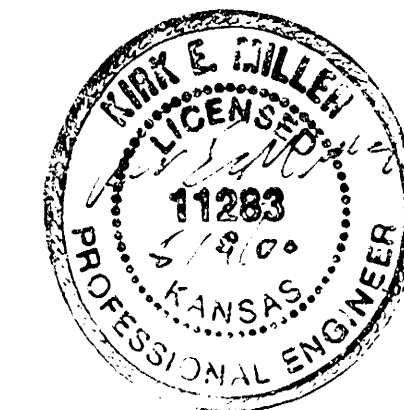
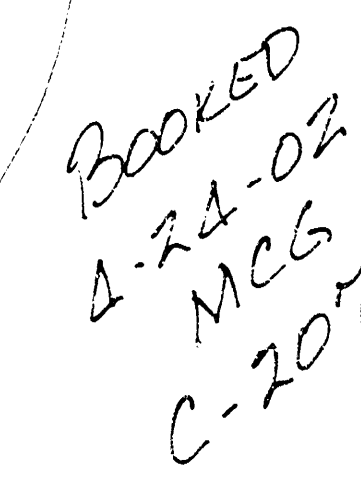
STORM WATER SEWER IMPROVEMENTS TO SERVE
LOT 1, EAST TURNPIKE ENTRANCE SECOND ADDITION
JOE SELF CHEVROLET, PARKING LOT

CITY OF WICHITA, KANSAS
Michael E. Lindebak, P. E., City Engineer

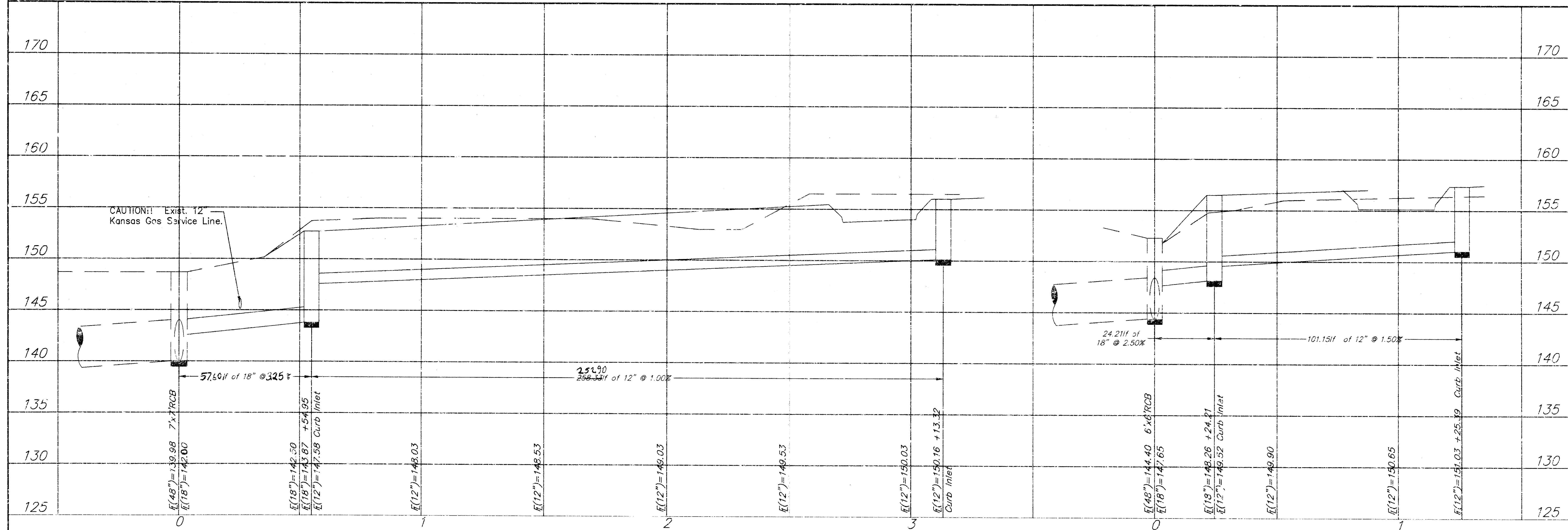
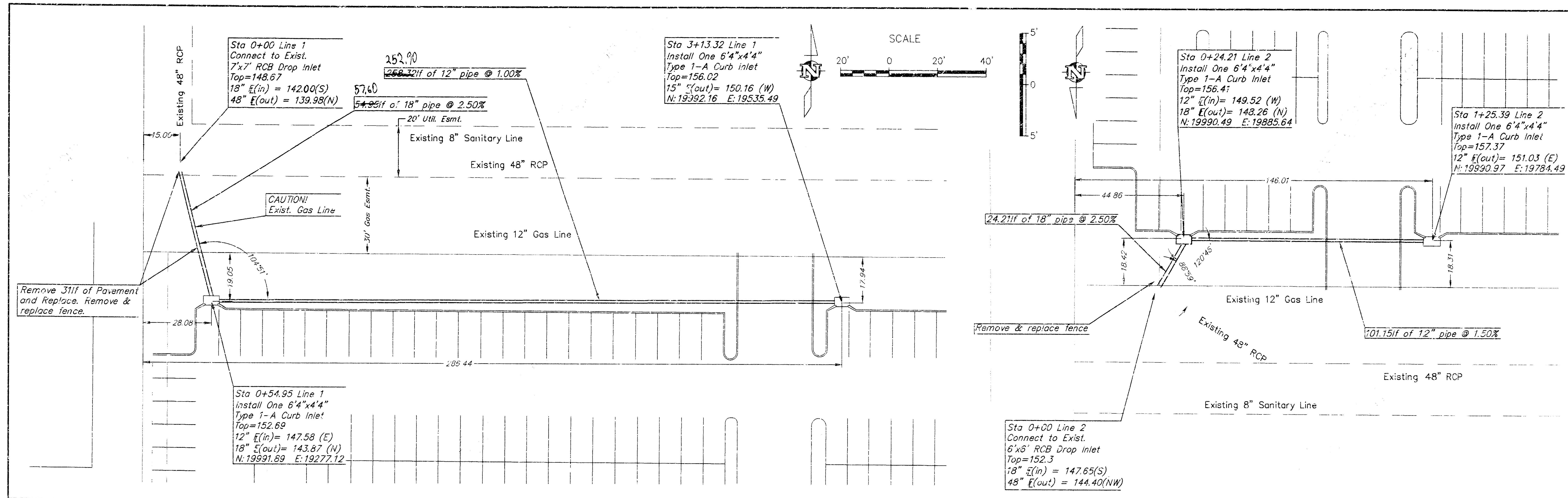
INDEX:

1. Title Sheet
2. Plan and Profile
3. Standard Type 1-A Curb Inlet.

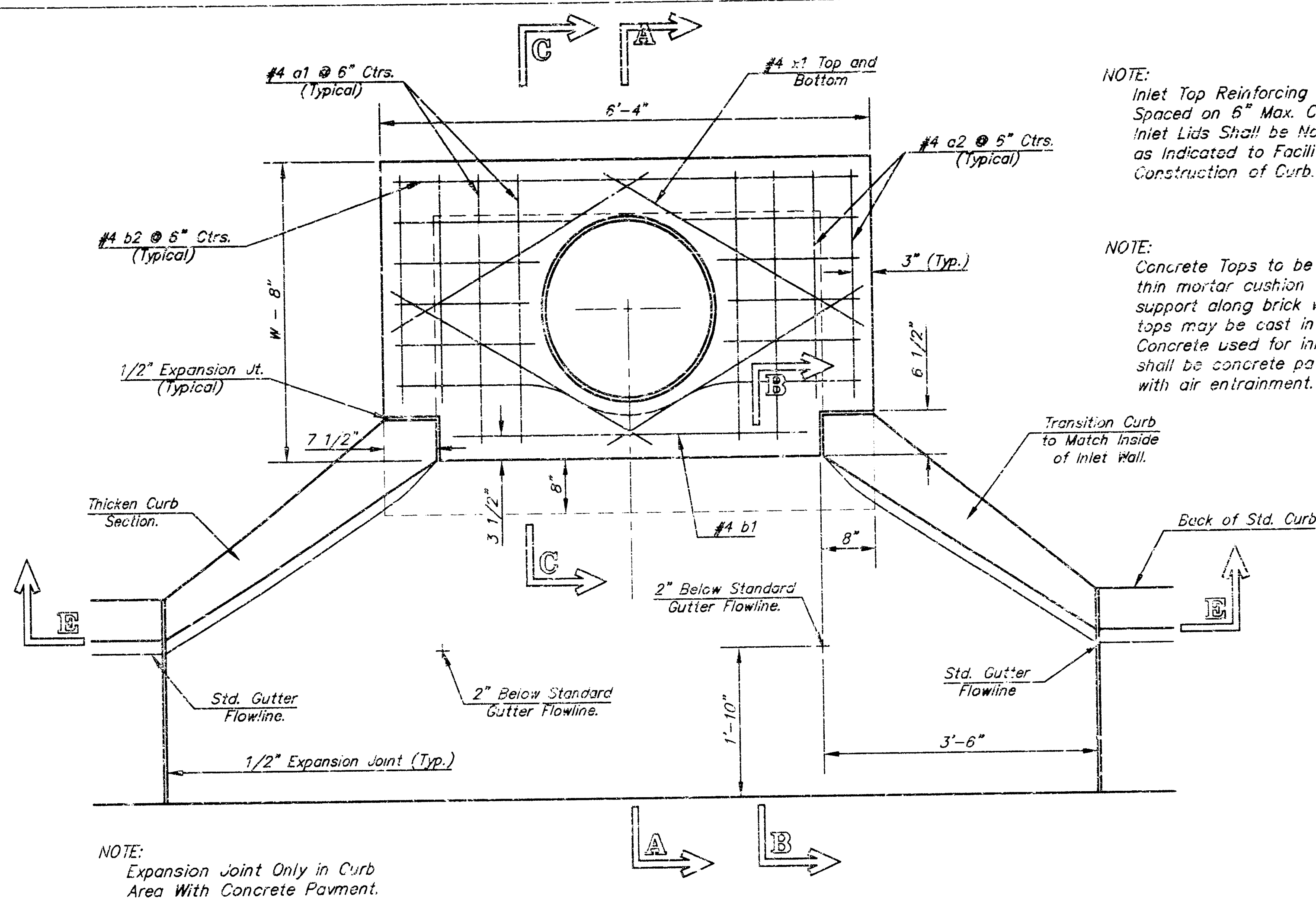
- AS-BUILT
Date: 7-2-00
Signed: K. H. R. B.



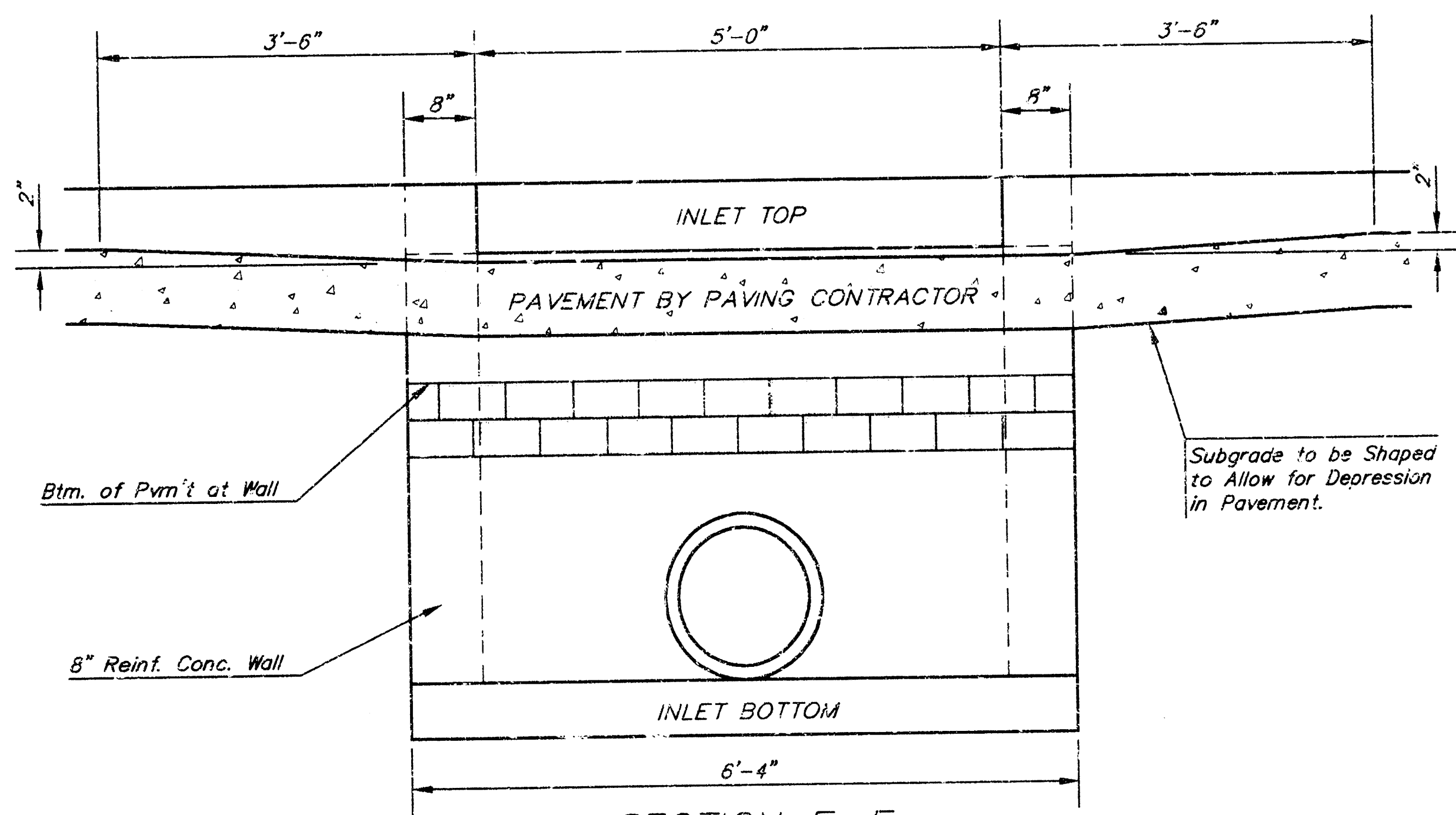
ARTS & SCIENCES P. 1
ENGINEERING SERVICES
254 S. Laura, Suite 210 Wichita, KS 67211
316/262-1281 fax: 316/262-6773



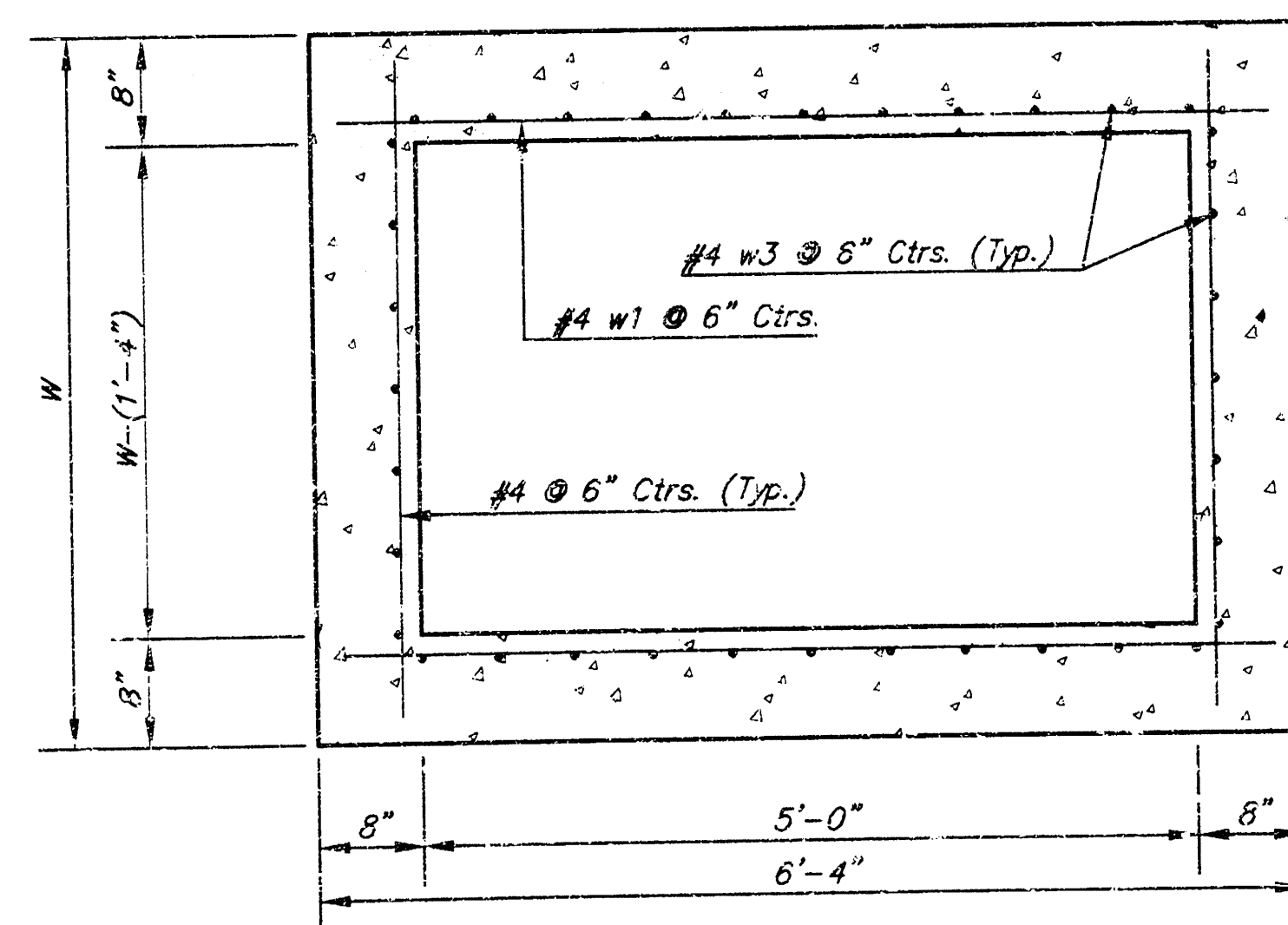
PROJECT NUMBER 1008 PPS (607881)				AW NO. 00108		Lot 1, Block 1, East Turnpike 2nd Addition	
DESIGN pd	DRAWN pd	FILE pps	DATE 5/00	SCALE 1"=20'		Plan & Profile	
						Joe Self Chevrolet, Wichita, Kansas	
						SHEET 2 OF 3	



PLAN



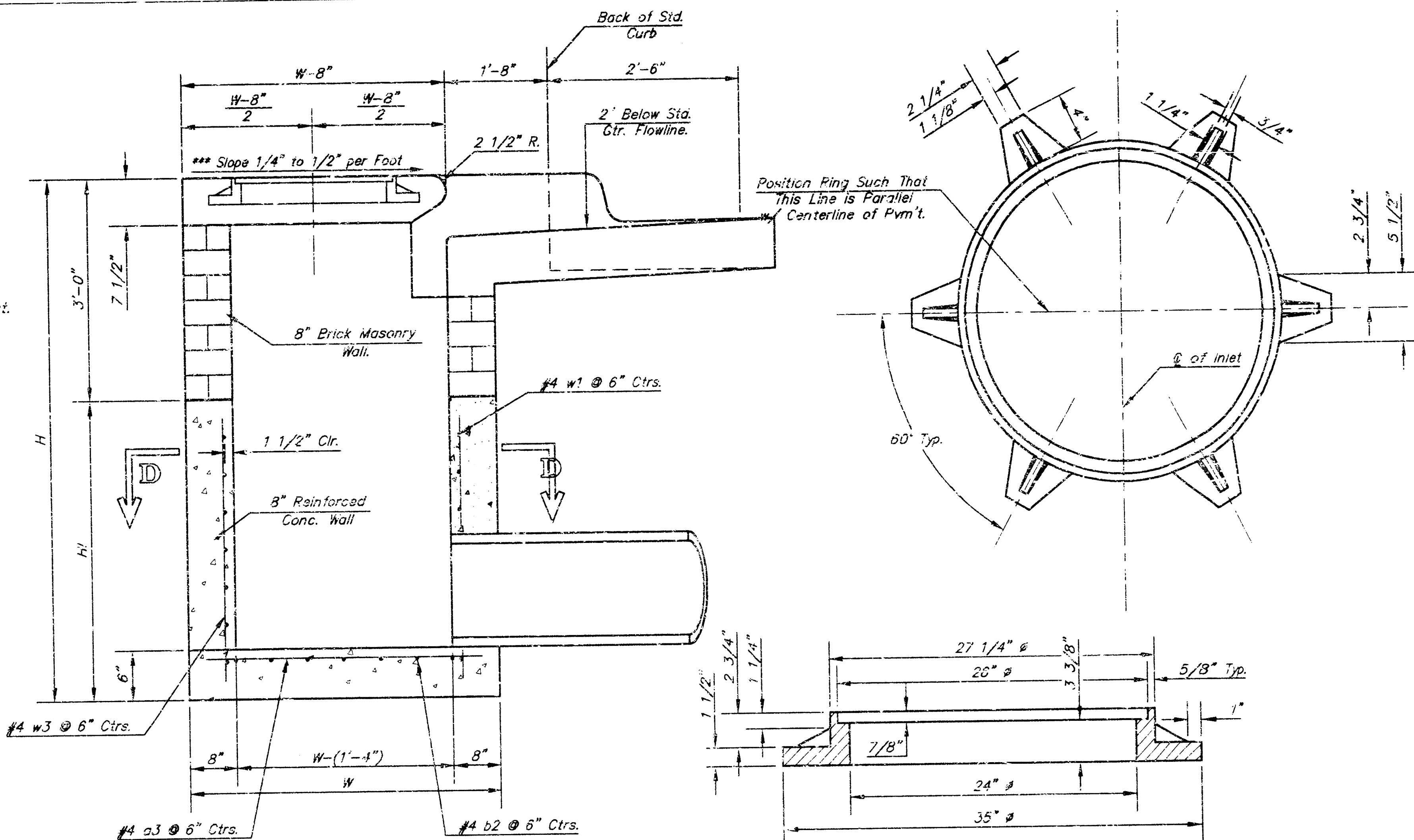
SECTION E-E



SECTION D-D

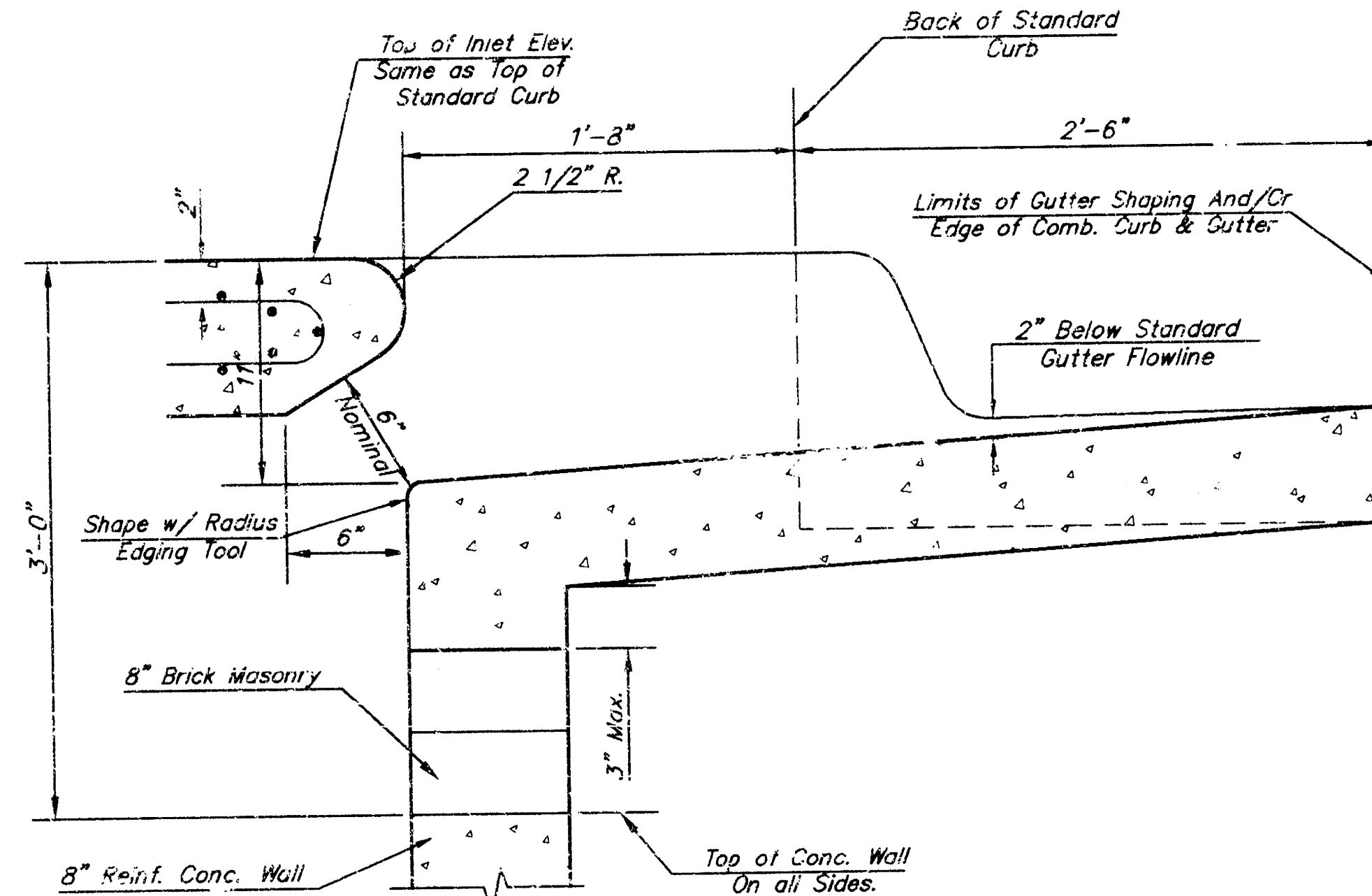
NOTE: Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids Shall be Matched Out as Indicated to Facilitate construction of Curb.

NOTE: 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 with air entrainment.



SECTION A-A

NOTE: Slope of inlet tops to Match Sidewalk or Parking Slopes within Limits Indicated.



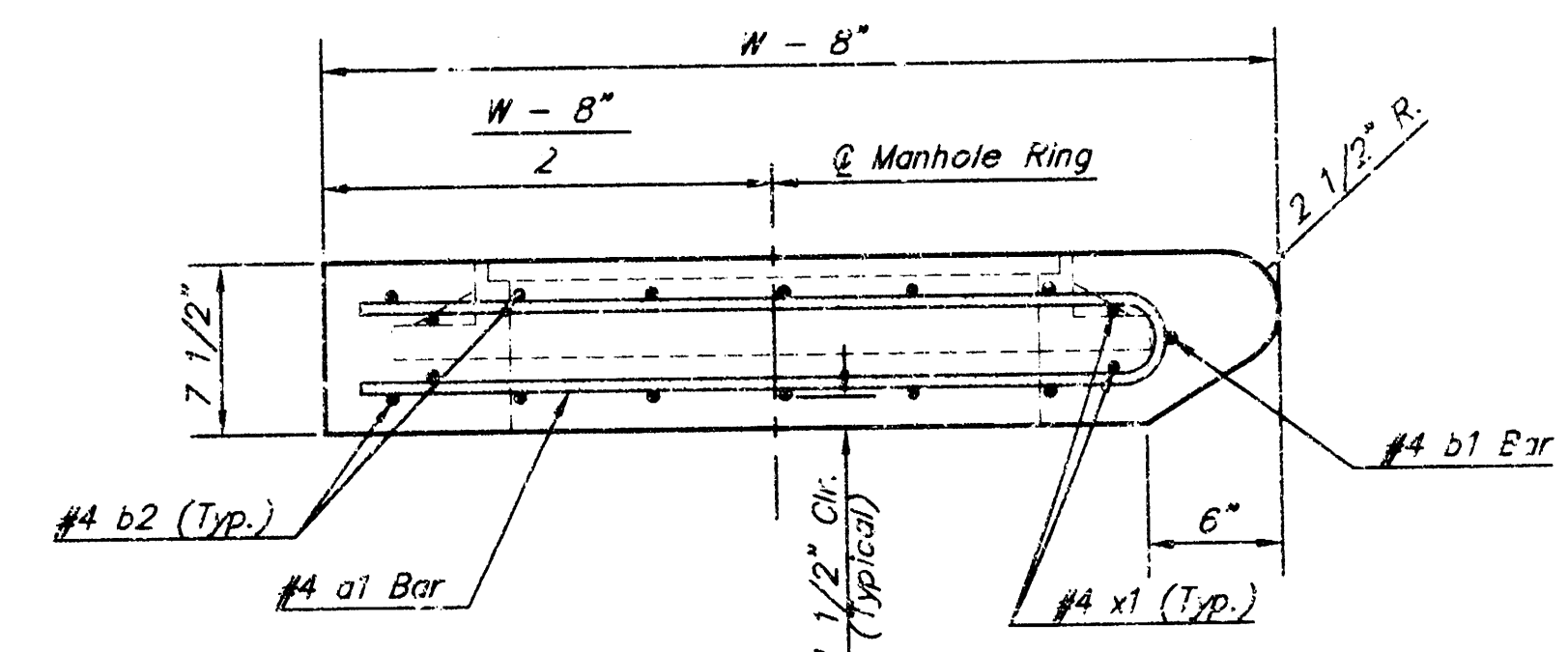
SECTION B-B

BENDING DIAGRAM

MANHOLE RING AND COVER

Weight = 180 Lbs.

See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



SECTION A-A

STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CO.
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	0.90±

PRECAST SLAB AND FLOOR REINFORCING									
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	6	6'-7"	6	8'-7"	6	10'-7"	6	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	14'-0"
a3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	8'-1"
b1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
b2	#4	23	6'-1"	29	6'-1"	35	6'-1"	47	6'-1"
x1	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"

WALL REINFORCING									
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	①	6'-1"	①	6'-1"	①	6'-1"	①	6'-1"
w2	#4	①	4'-1"	①	5'-1"	①	6'-1"	①	8'-1"
w3	#4	32	②	30	②	40	②	48	②

* Field Bend or Cut Reinforcing as Required for Clearance.

① 4 (H1 - 12") (H1 - 21") Rounded down to nearest 0.5"

② H1 - 3"

NOTE: Contractor shall have the option of constructing 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" and H=7'-0" or less.

Additional curb and gutter construction necessary to connect set-back inlet to pavement will be paid for at the unit price bid for each inlet hookup.

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.

The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall

THE CITY OF WICHITA

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
625 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 255-4261
(316) 255-4114 FAX

STANDARD TYPE 1-A
CURB INLET
OPENING = 6" x 5'-0"

M. E. LINDEBAK P.E. - CITY ENGINEER

PROJECT NUMBER: 797 PPS 607861
INDEX CODE: 797 PPS 607861

DATE: MAR 96
SHEET 3 OF 3

TYP1A-S.DWG