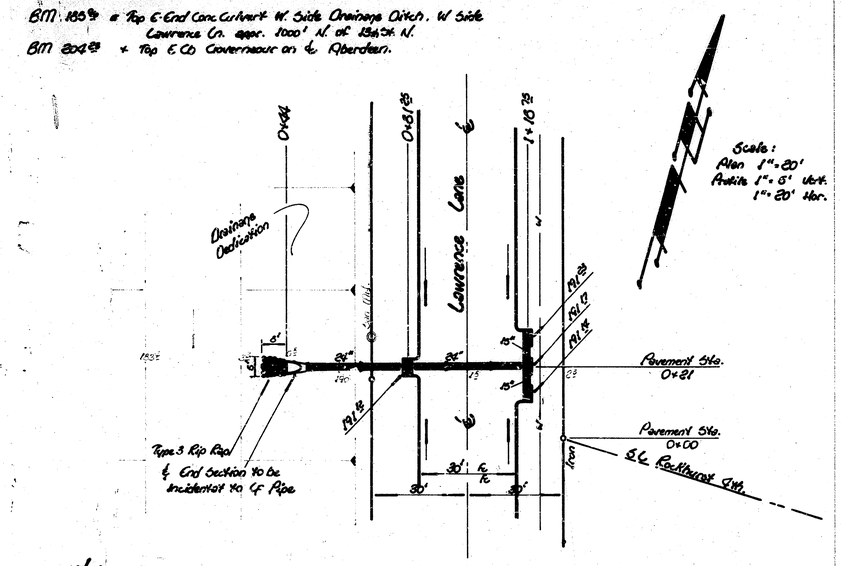
BM 1859 ± Top E-End Conc. Culvert W. Side Drainage Ditch. W Side Lawrence Co. appr. 1000' N. of 13th St. N.

BM 2041 ± Top E.C.D. Covermaster on ℄ Aberdeen.

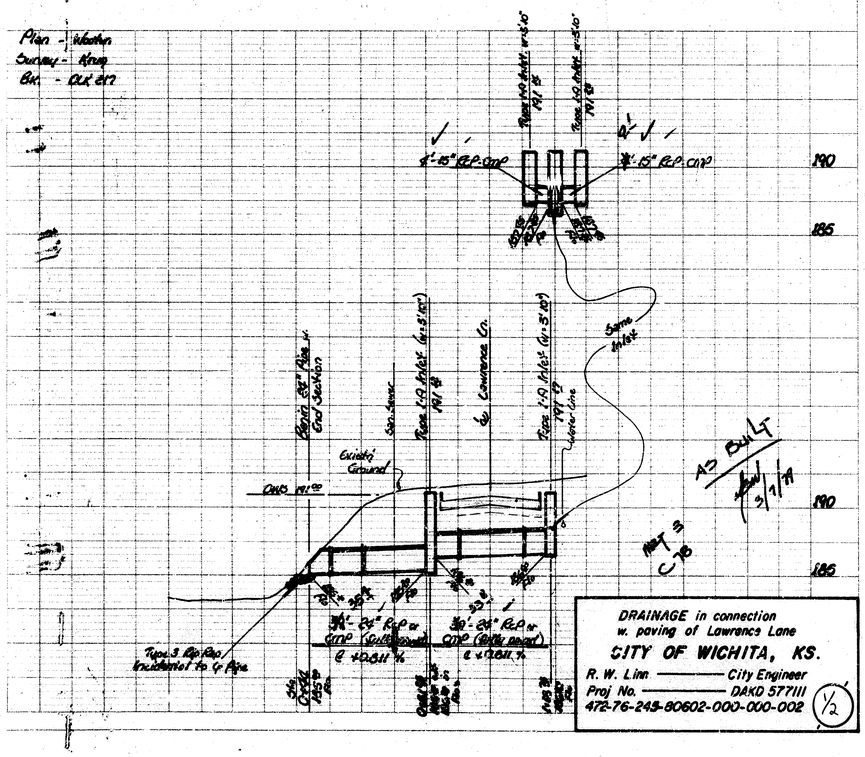


Note –

Type 1-A Inlets (w=3'10") to be constructed.
Storm Sewer Contractor to co-ordinate construction w. pavement contractor.
Rip Rap & End Section shall be considered as incidental to C.F. pipe.

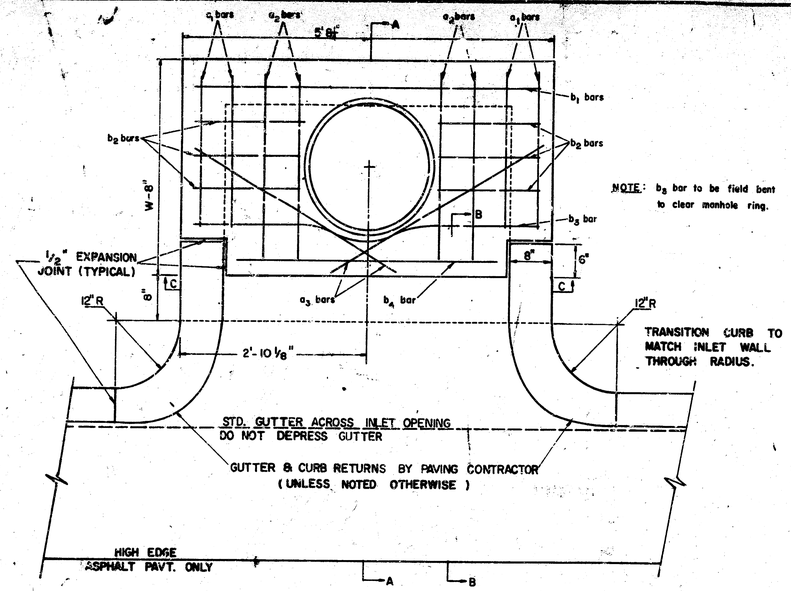
TYPE 3 RIP-RAP SHALL BE 12" RIP-RAP ON 6" SAND AND GRAVEL BEDDING. THE ROCK FOR RIP-RAP AND GRAVEL SHALL BE HARD, DENSE, DURABLE, AND SHOULD BE REASONABLY WELL GRADED. THE SIZE RANGE OF ROCK USED FOR 12 INCH RIP-RAP SHALL HAVE A MAXIMUM SIZE OF 1 CUBIC FT. AND A MINIMUM SIZE OF 1½ INCHES. THE 6" SAND AND GRAVEL BEDDING FOR RIP-RAP SHOULD BE A CONTINUOUS LAYER OF SAND OR GRAVEL AND CRUSHED ROCK, REASONABLY WELL GRADED TO A MAXIMUM OF 1½ INCHES IN SIZE.

Plan - Weather
Survey - King
Bk. - DLK 217



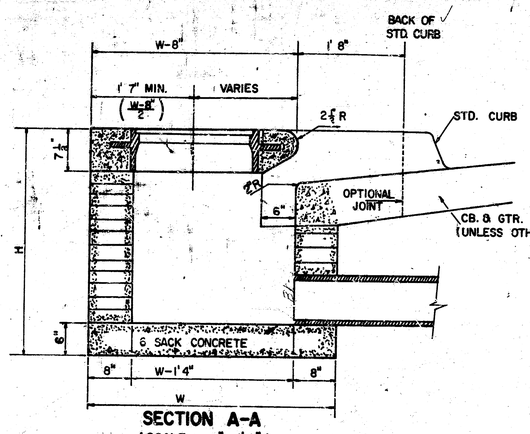
DRAINAGE in connection
w. paving of Lawrence Lane
CITY OF WICHITA, KS.
R. W. Linn ——— City Engineer
Proj No. ——— DAKO 57711
472-76-243-80602-000-000-002

1/2



NOTE: b_5 bar to be field bent to clear manhole ring.

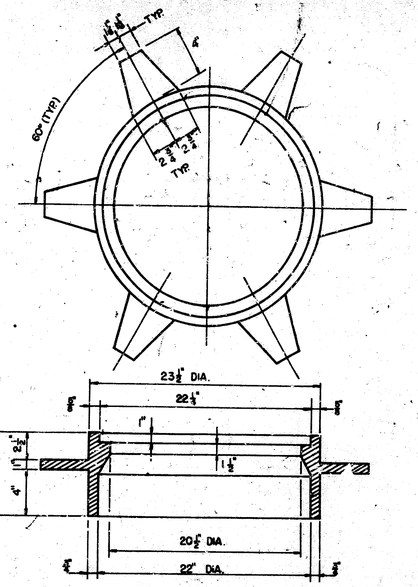
PLAN (SCALE: 1"=1'0")



SECTION A-A
(SCALE 1"=1'0")

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
3'10"	3'2" X 5'8 ¼" X 7½"	24" & SMALLER	0.42 *
4'10"	4'2" X 5'8 ¼" X 7½"	30" & 36"	0.55 *
5'10"	5'2" X 5'8 ¼" X 7½"	42" & 48"	0.68 *
6'10"	6'2" X 5'8 ¼" X 7½"	54" & 60"	0.82 *

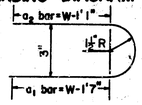
* GROSS VOLUME



MANHOLE RING
SEE SEWER APPURTENANCES DETAIL SHEET FOR MANHOLE COVER.

THIS TYPE INLET TO BE USED WHEN PAVEMENT IS ASPHALT PAVEMENT WITH ASPHALT BASE COURSE AND/OR WHEN PAVEMENTS HAVE ROLL CURB

BENDING DIAGRAM

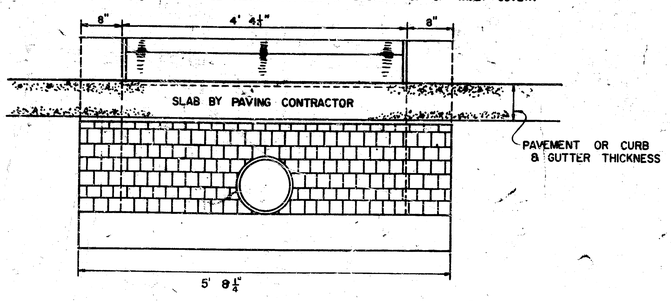


NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE FOR INLET TOPS AND FLOORS SHALL BE 6-SACK PAVING MIX.

STEEL SCHEDULE

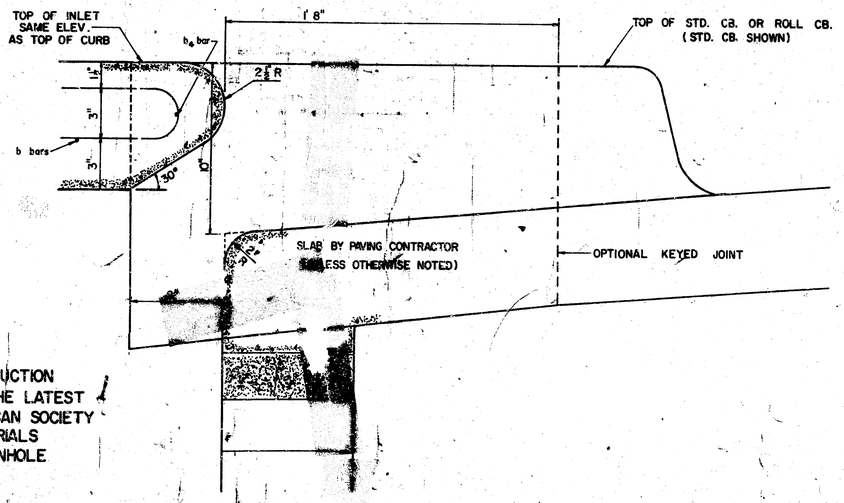
BAR		a_1	a_2	a_3*	b_1 W=3'10"	b_1 W=4'10"	b_1 W=5'10"	b_1 W=6'10"	b_2	b_3	b_4	Wt. Lbs.
NUMBER		4	4	2	1	3	5	7	6	1	1	
SIZE		#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
LENGTH	W=3'10"	4'9"	5'9"	3'7"	5'5"	—	—	—	1'7"	5'6"	4'0"	53
	W=4'10"	6'9"	7'9"	4'7"	—	5'5"	—	—	1'7"	5'6"	4'0"	72
	W=5'10"	8'9"	9'9"	5'7"	—	—	5'5"	—	1'7"	5'6"	4'0"	91
	W=6'10"	10'9"	11'9"	6'7"	—	—	—	5'5"	1'7"	5'6"	4'0"	110

* NOTE: a_3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER.



SECTION C-C
(SCALE 1"=1'0")

BRICK FOR INLET CONSTRUCTION SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION C32 FOR MANHOLE BRICK GRADE MS.



SECTION B-B
(SCALE 1"=1'0")

R.W. LINN 3-84

DETAIL
STANDARD TYPE 1A CURB INLET
(SET BACK LOCATION)

CITY OF WICHITA, KANSAS
R.W. LINN-CITY ENGINEER
FEBRUARY 1975

E/E