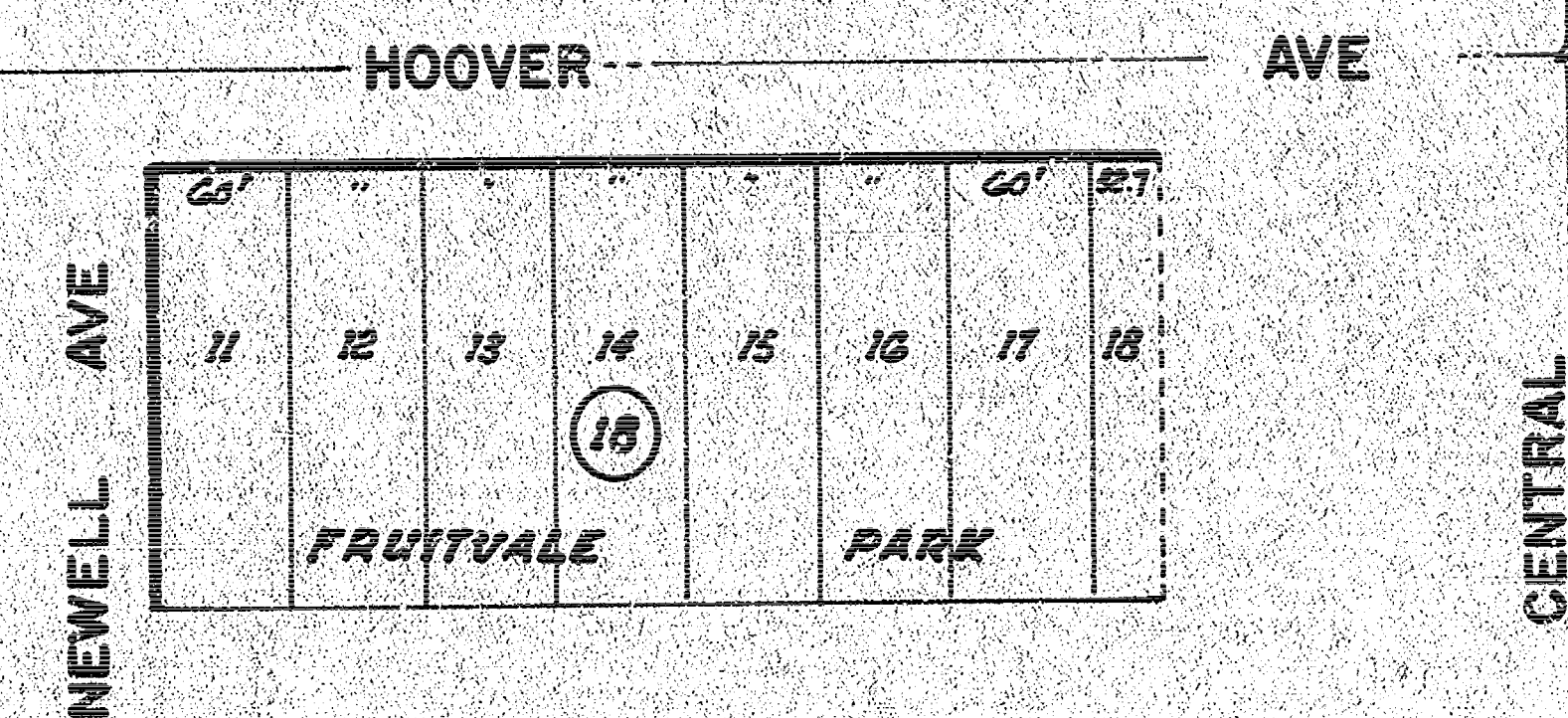
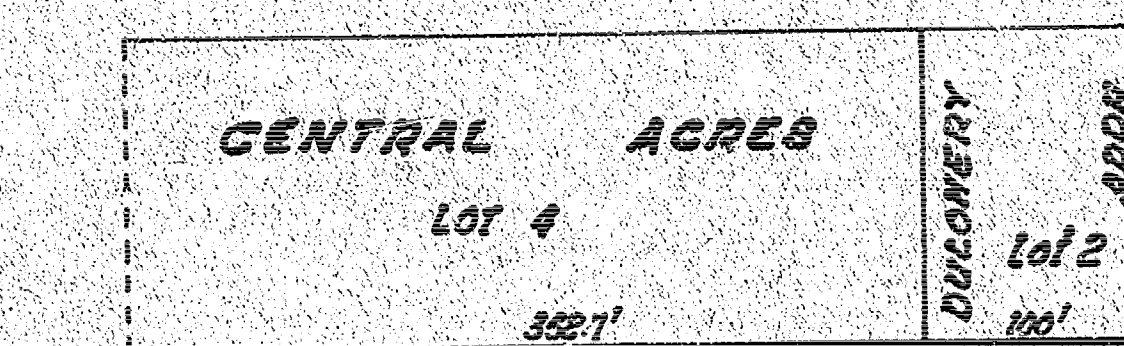


HOOVER AVENUE

N.L. NEWELL AVENUE TO A POINT 130' SOUTH OF THE S.L. CENTRAL AVENUE.



CITY OF WICHITA, KANSAS

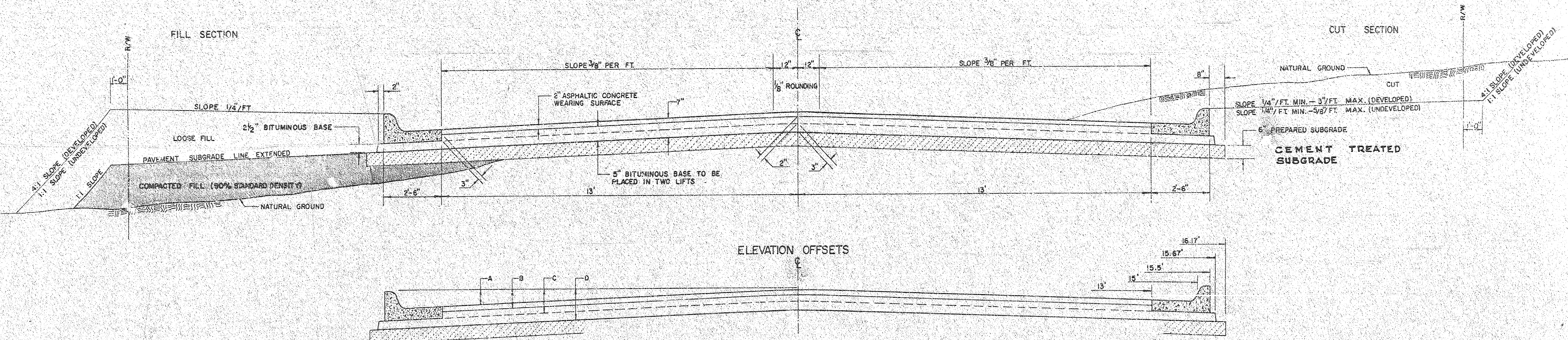
R.W. BRUGGEMAN DIRECTOR OF ENGINEERING/CITY ENGINEER

PROJ No. 472-76-245-81249-000-000-001

TYPICAL 3' PAVEMENT DETAILS

2 5

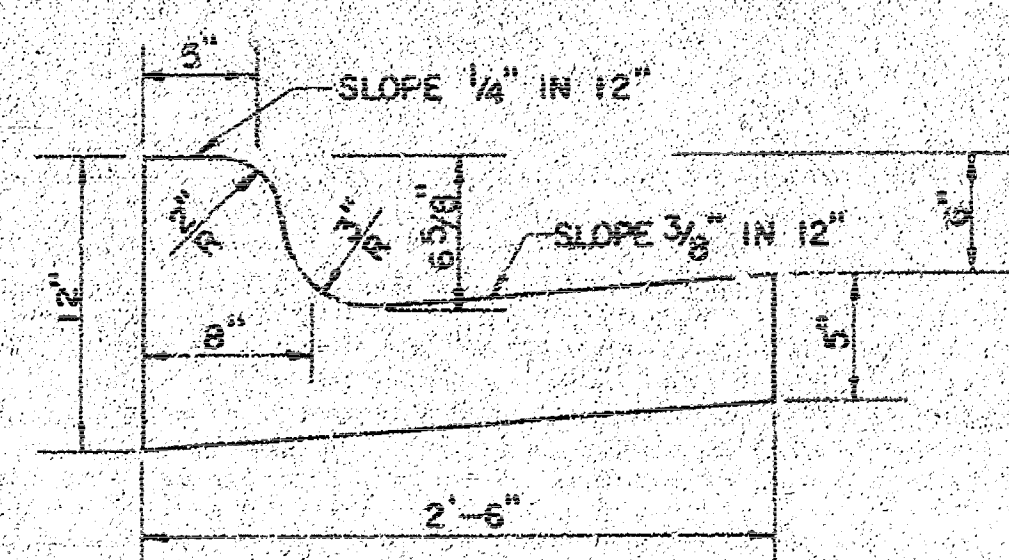
TRANSVERSE SECTION



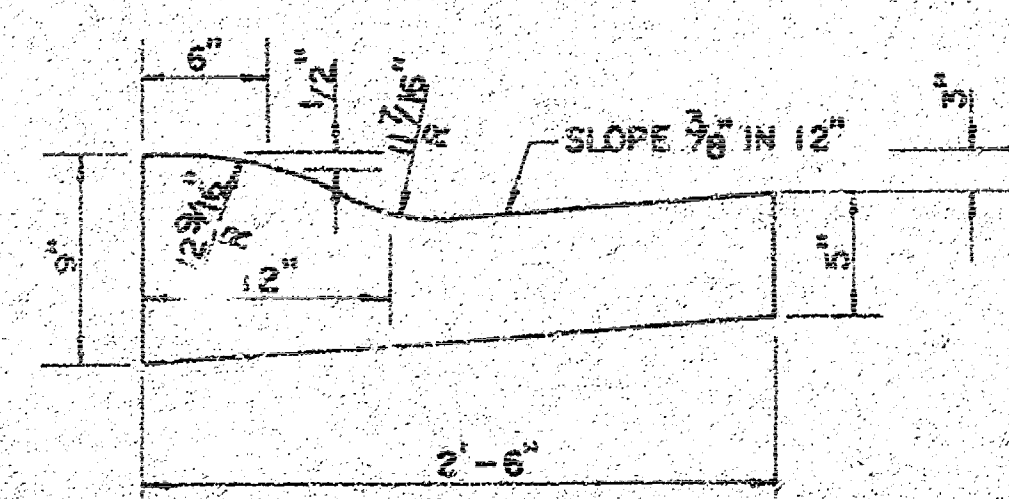
ELEVATION OFFSETS

	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	7.5'	10'	12'	13'	15'	15.5'	15.67'	16.17'	
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.10	0.14	0.21	0.27	0.32	0.39	0.46	0.49	—	—	—	—	
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.27	0.31	0.38	0.44	0.49	0.56	0.63	0.66	—	—	—	—	
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.44	0.49	0.57	0.64	0.70	0.79	0.87	0.90	0.98	1.00	1.00	—	
D: TOP OF CURBS TO TOP OF SUBGRADE	0.69	0.73	0.80	0.87	0.93	1.01	1.08	1.12	1.19	1.21	1.21	1.23	

COMBINED CURB & GUTTER



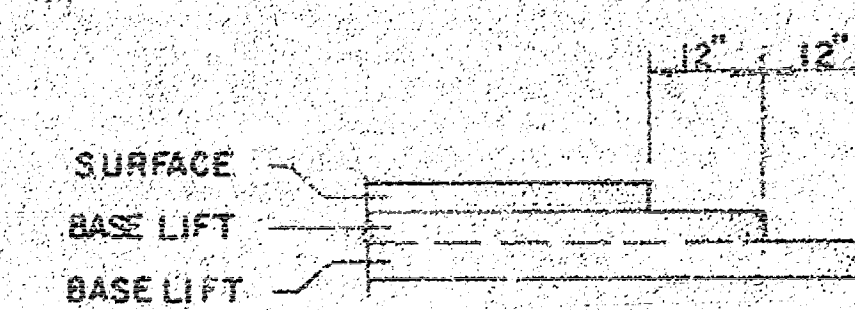
ROLL TYPE COMBINED CURB & GUTTER



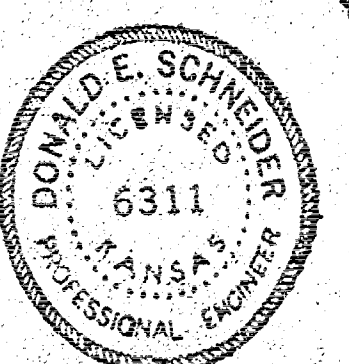
GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7\"/>

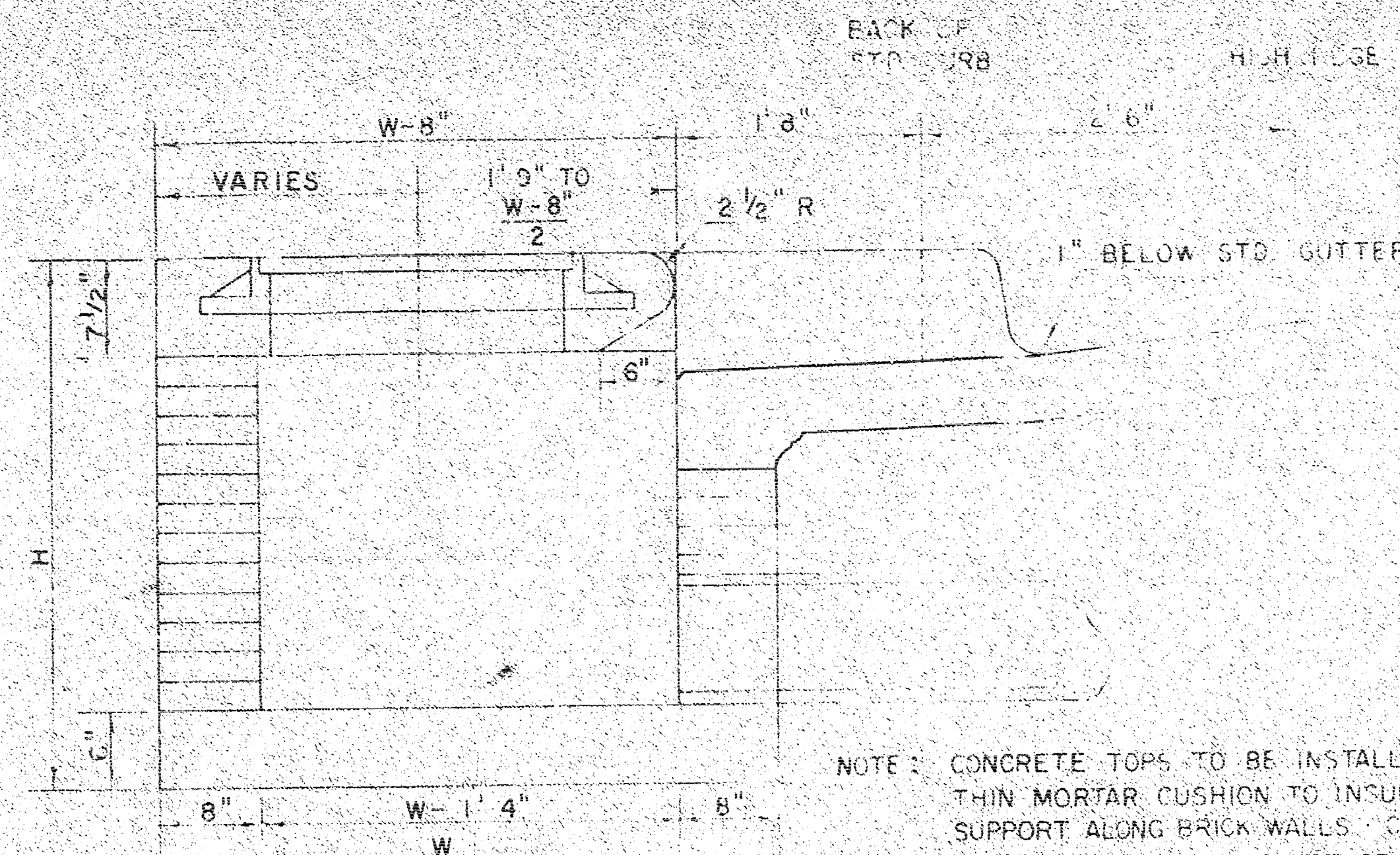
TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PROPOSED PAVEMENT JOINTS EXISTING FULL DEPTH ASPHALT PAVEMENT AS SHOWN BY DETAIL. THE COST OF CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7\"/>

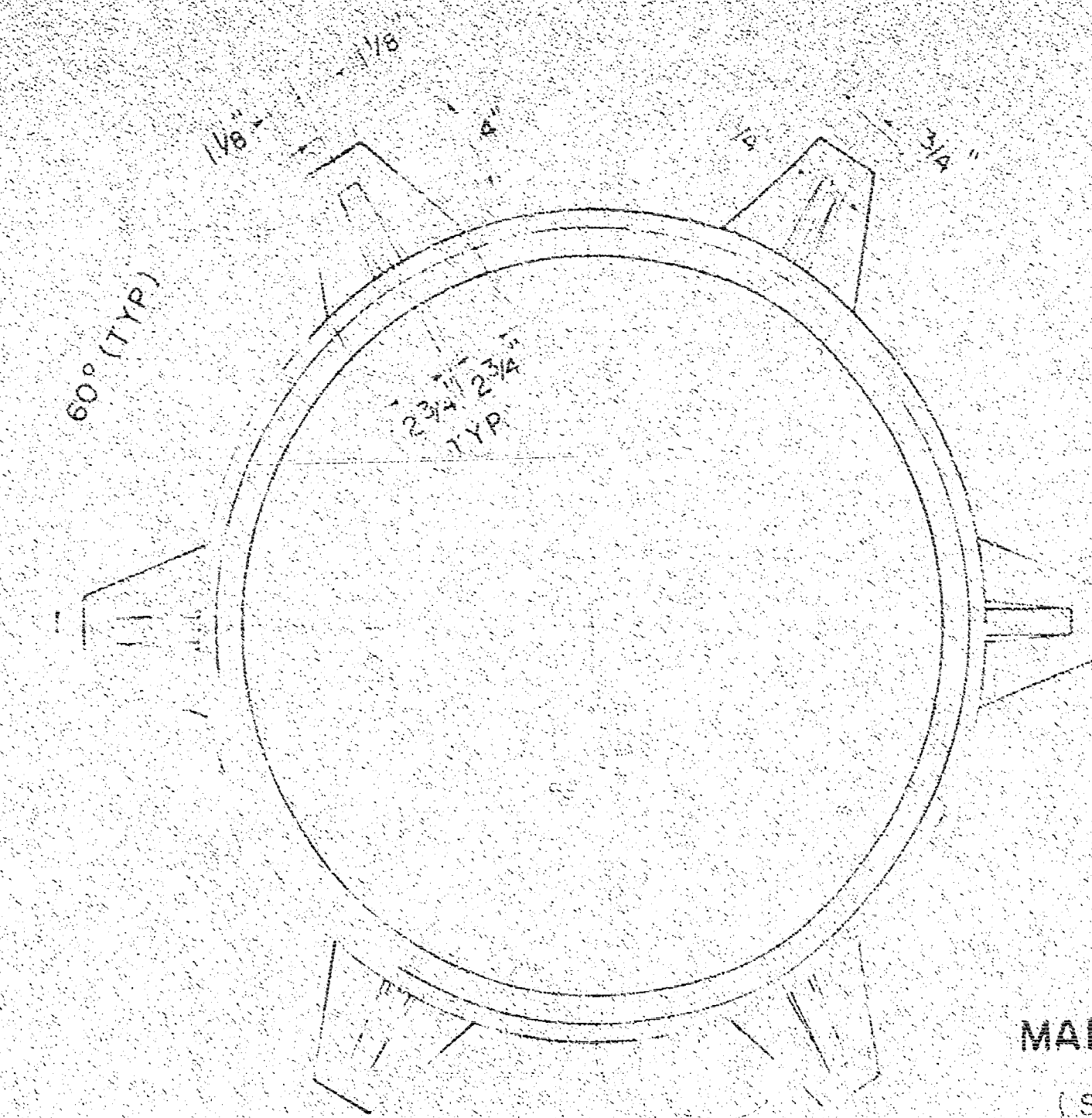


7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
PROJ No. 412-76-245-81249-000-000-001



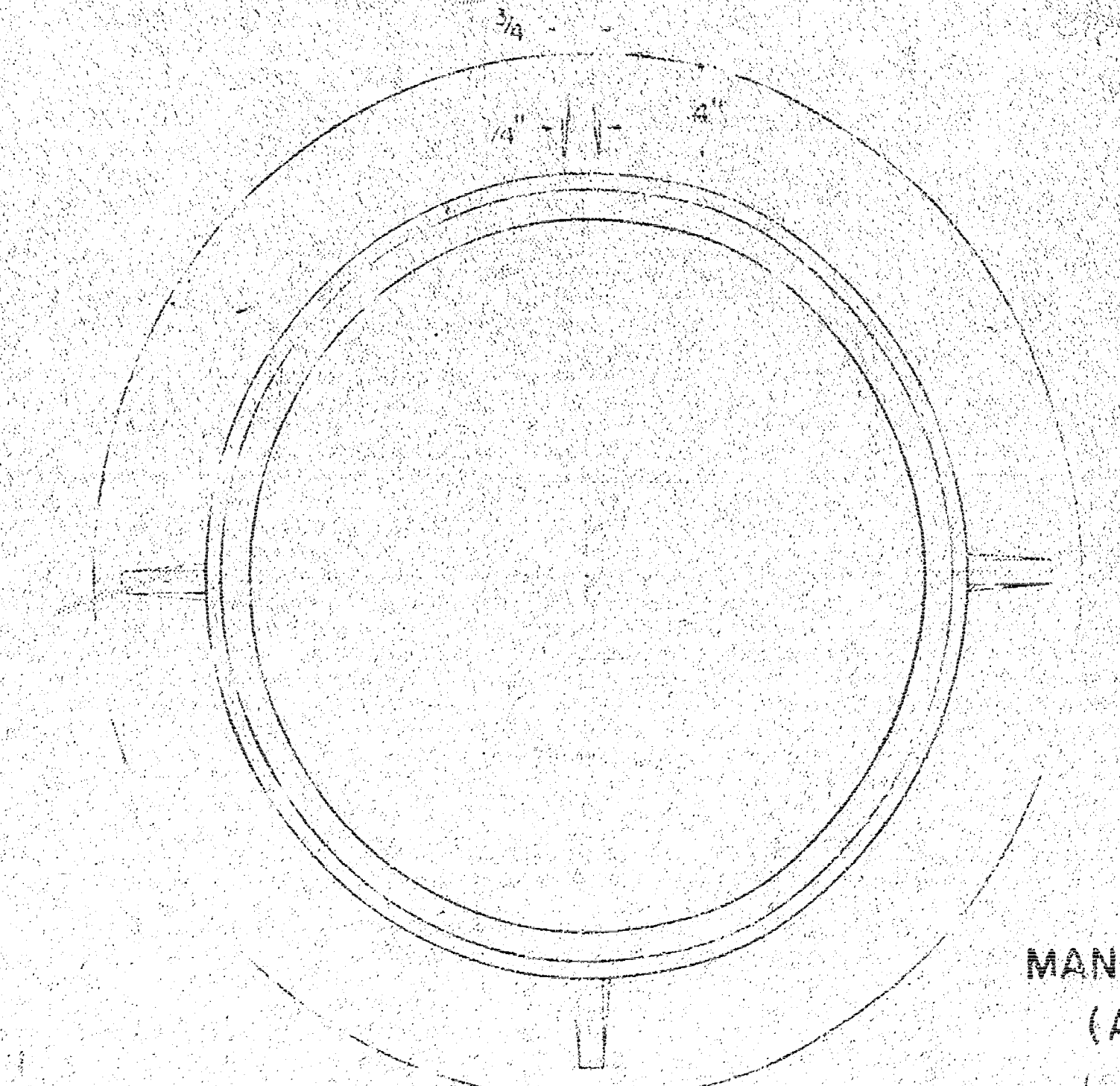
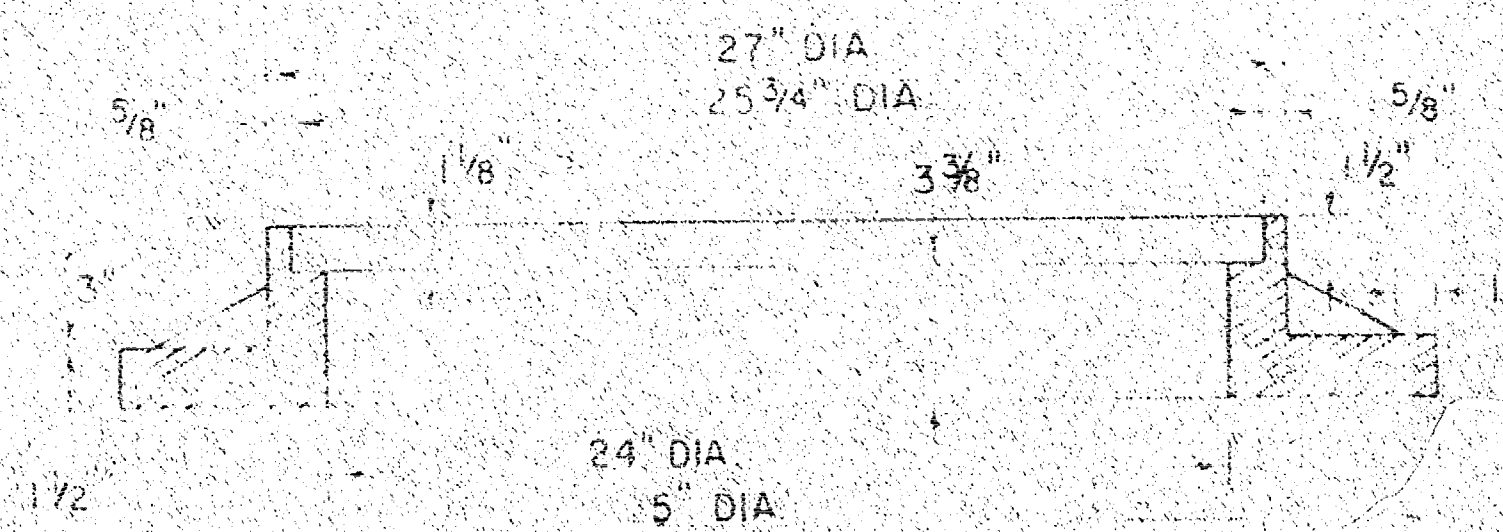
SECTION A-A
(SCALE 1" = 10')

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 STANDARD PAVING MIX.



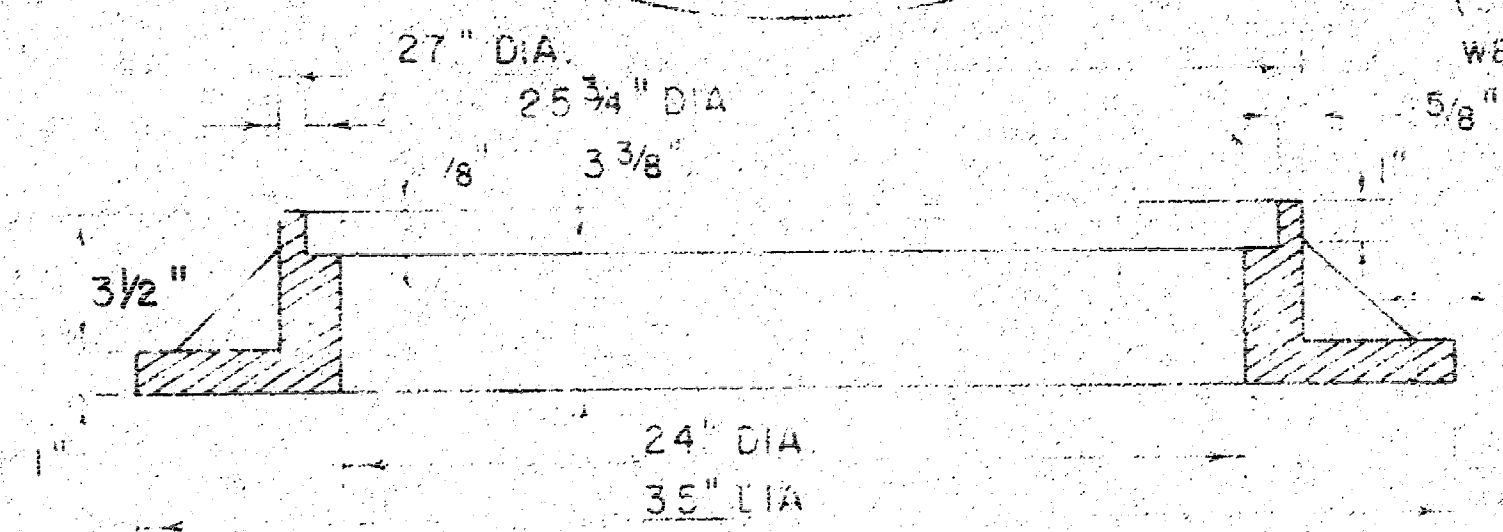
MANHOLE FRAME

(SCALE 1" = 6")
WEIGHT = 180 LBS



MANHOLE FRAME
(ALTERNATE)

(SCALE 1" = 6")
WEIGHT = 180 LBS.



① Rev. 5-18-81.

DETAIL STANDARD TYPE 1A CURB INLET

CITY OF WICHITA, KANSAS
R.W. BRUGGEMAN, DIRECTOR OF ENGINEERING/
CITY ENGINEER

JUNE, 1981

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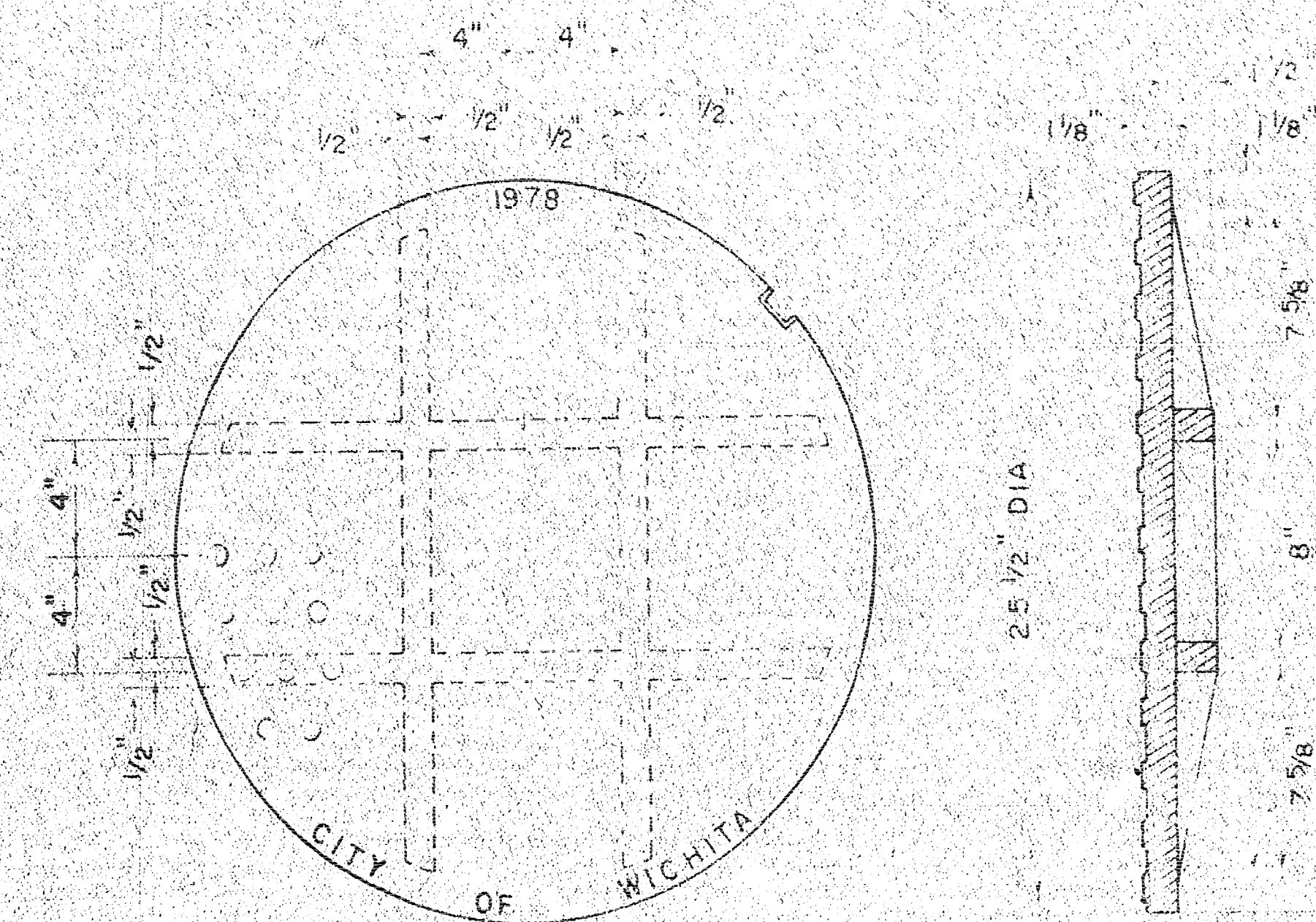
STEEL SCHEDULE

BAR NUMBER	a_1	a_2^*	b_1				b_2	b_3	b_4	WT. LBS.	
	8	2	1	2	5	7	9	6	1		1
SIZE	" 4	" 6	" 4	" 4	" 4	" 4	" 4	" 4	" 4	" 6	
LENGTH	W=4'2"	6'5"	3'4"	5'5"	—	—	—	1'5"	5'6"	5'5"	60"
	W=5'0"	8'1"	4'4"	5'5"	—	—	—	1'5"	5'6"	5'5"	77"
	W=6'0"	10'1"	5'4"	—	5'5"	—	—	1'5"	5'6"	5'5"	97"
	W=7'0"	11'1"	6'4"	—	—	5'5"	—	1'5"	5'6"	5'5"	111"
	W=8'0"	12'1"	7'4"	—	—	—	5'5"	1'5"	5'6"	5'5"	124"

* NOTE : ϕ_2 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

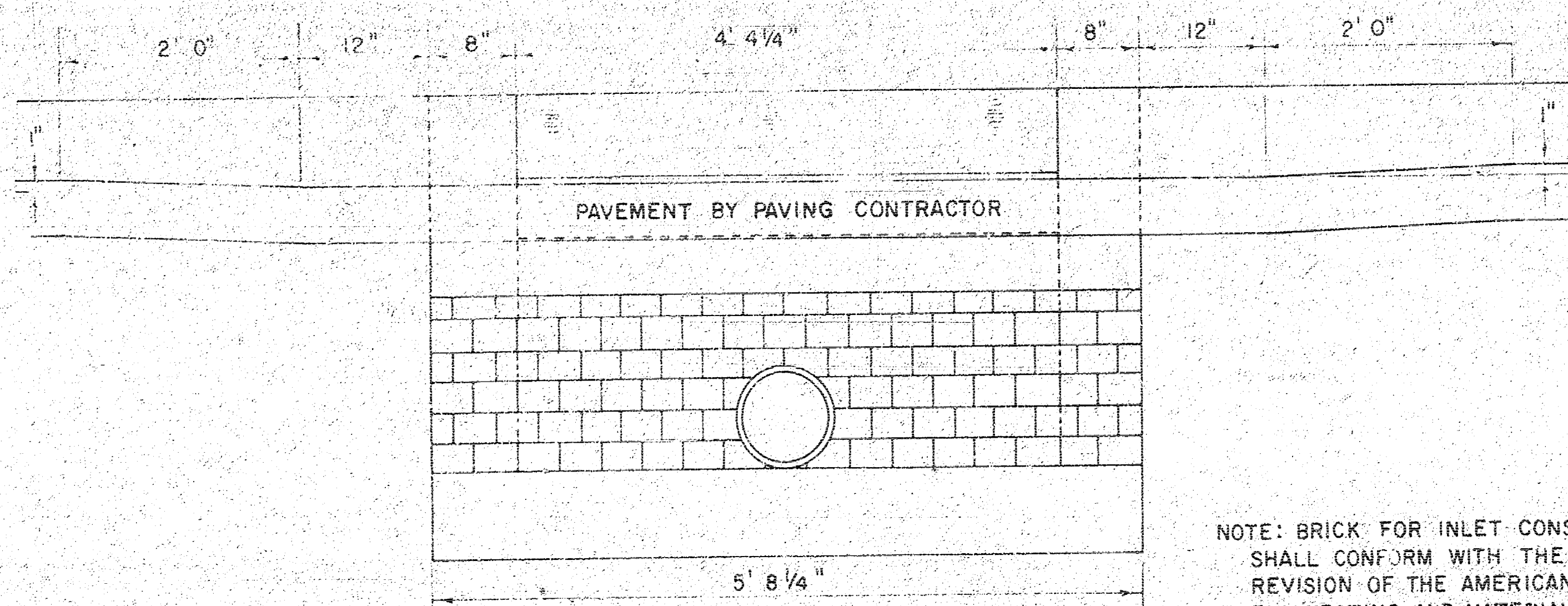
STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONCR.
4' 2"	36"x5'8 1/4"x7'2"	21" & SMALLER	0.46 *
5' 0"	44"x5'8 1/4"x7'1/2"	24" & 30"	0.57 *
6' 0"	54"x5'8 1/4"x7'1/2"	36" & 42"	0.71 *
7' 0"	64"x5'8 1/4"x7'1/2"	48" & 54"	0.84 *
8' 0"	74"x5'8 1/4"x7'1/2"	60" & 66"	0.97 *

* GROSS VOLUME



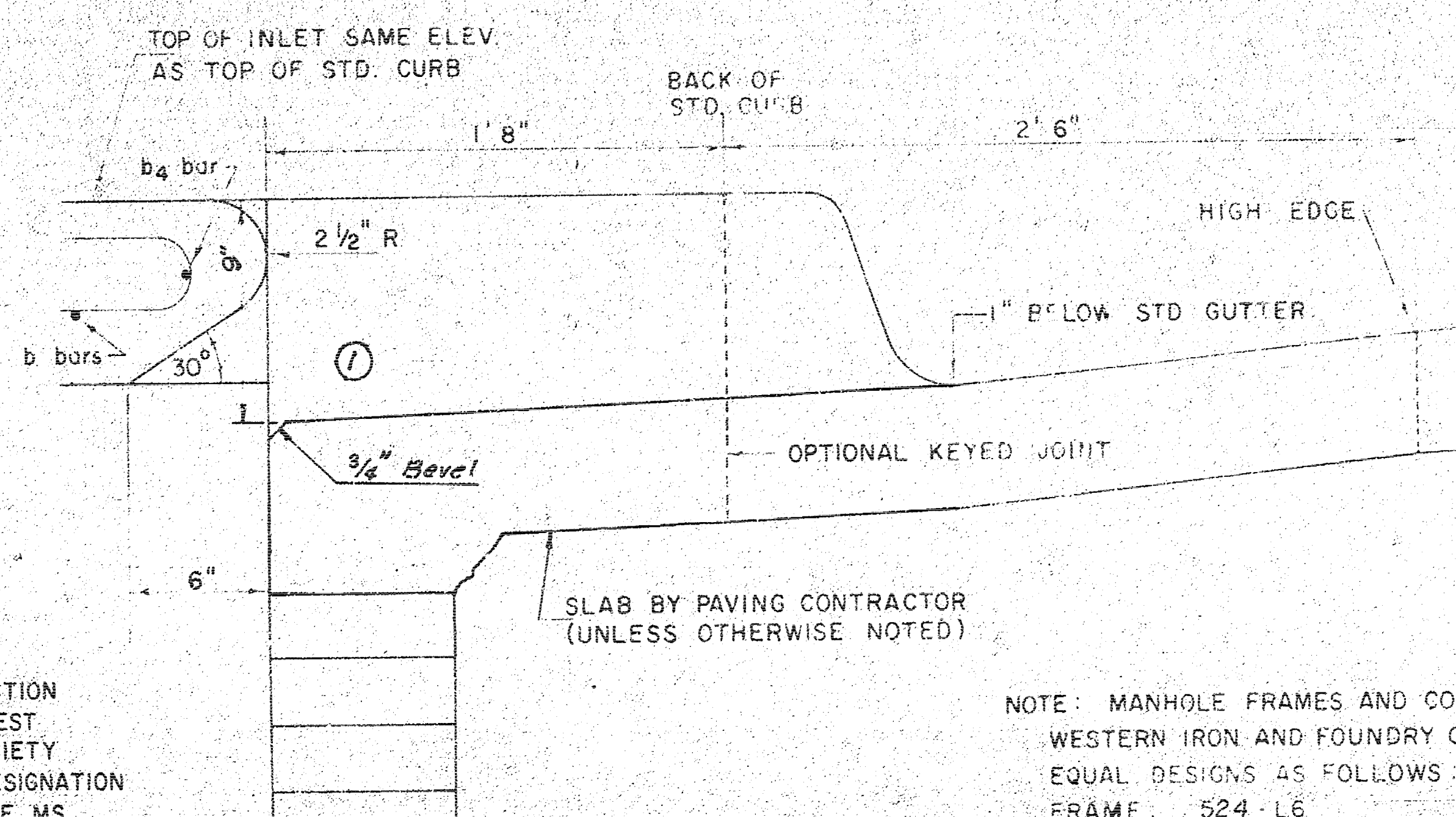
MANHOLE COVER

{ SCALE 1" = 6" }
WEIGHT = 170 LBS



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

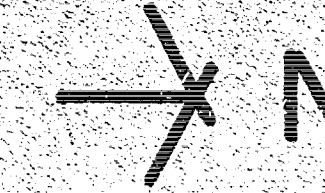
NOTE: BRICK FOR INLET CONSTRUCTION
SHALL CONFORM WITH THE LATEST
REVISION OF THE AMERICAN SOCIETY
FOR TESTING AND MATERIALS DESIGNATION
C-32 FOR MANHOLE BRICK GRADE MS.



SECTION B - B
(SCALE 1" = 6")

NOTE: MANHOLE FRAMES AND COVER ARE
WESTERN IRON AND FOUNDRY CO. INC. OR
EQUAL DESIGNS AS FOLLOWS:
FRAME 524-L6
FRAME (ALTERNATE): 500 A4
COVER 222 S4 "NOBBY"

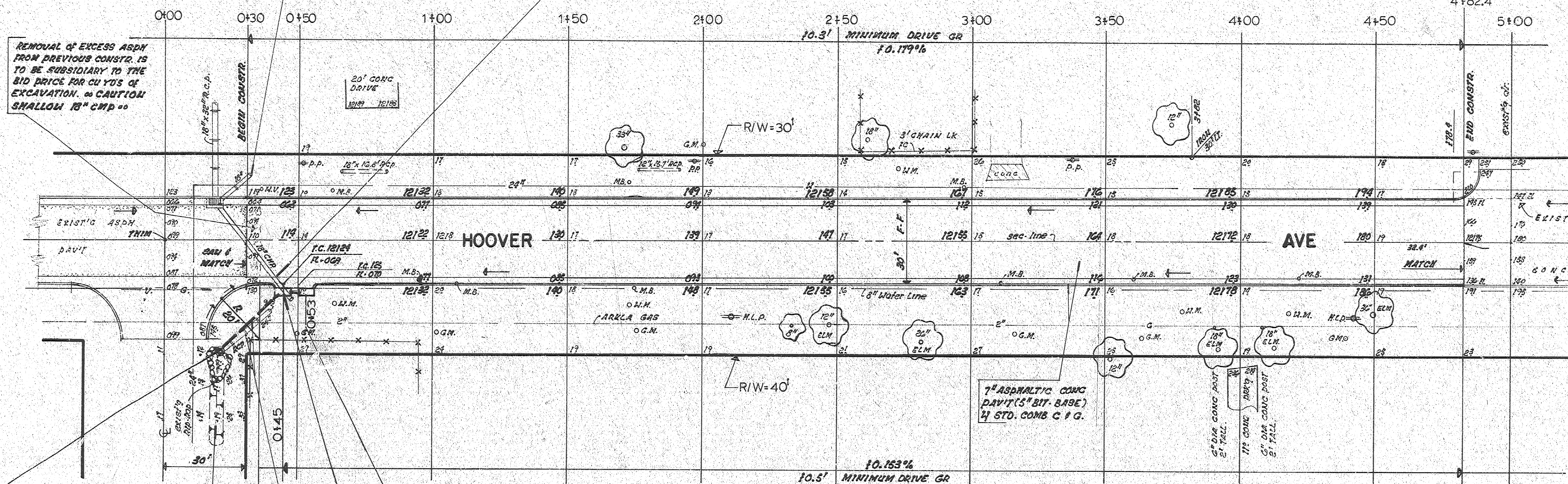
S.M. 123.29 CITY DISC 34' EAST 2.42' NORTH - @ BOTH. HOOVER & CENTRAL
S.M. 121.46 "TOP CURB E. END OF RADIUS. S. SIDE NEWELL AT HOOVER



NOTE: THIS PIPE SHALL BE TELEVIEWED PRIOR TO CONSTRUCTION, FOLLOWING THE COMPLETION OF THE SUBGRADE WORK, AND PRIOR TO THE PLACING OF PAVEMENT. THE CONTRACTOR SHALL NOTIFY JERRY BLAINE 208-4210 AND ARRANGE TO HAVE THIS PIPE RE-TELEVIEWED. THE CONTRACTOR SHALL REPLACE ANY PIPE DAMAGED DURING CONSTRUCTION, AS DIRECTED BY THE ENGINEER, AT HIS OWN EXPENSE.

REMOVE 18"X15" RCP AND PLUG OPENING WITH BRICK MASONRY.
INLET PLUG TO BE SUBSIDIARY TO PIPE REMOVAL.

REMOVAL OF EXCESS ASPH FROM PREVIOUS CONSTR. IS TO BE SUBSIDIARY TO THE BID PRICE FOR CU YDS OF EXCAVATION. CAUTION SHALLOW 18" CMP.



CONST. BRICK-GRATE INLET. See detail this sheet.

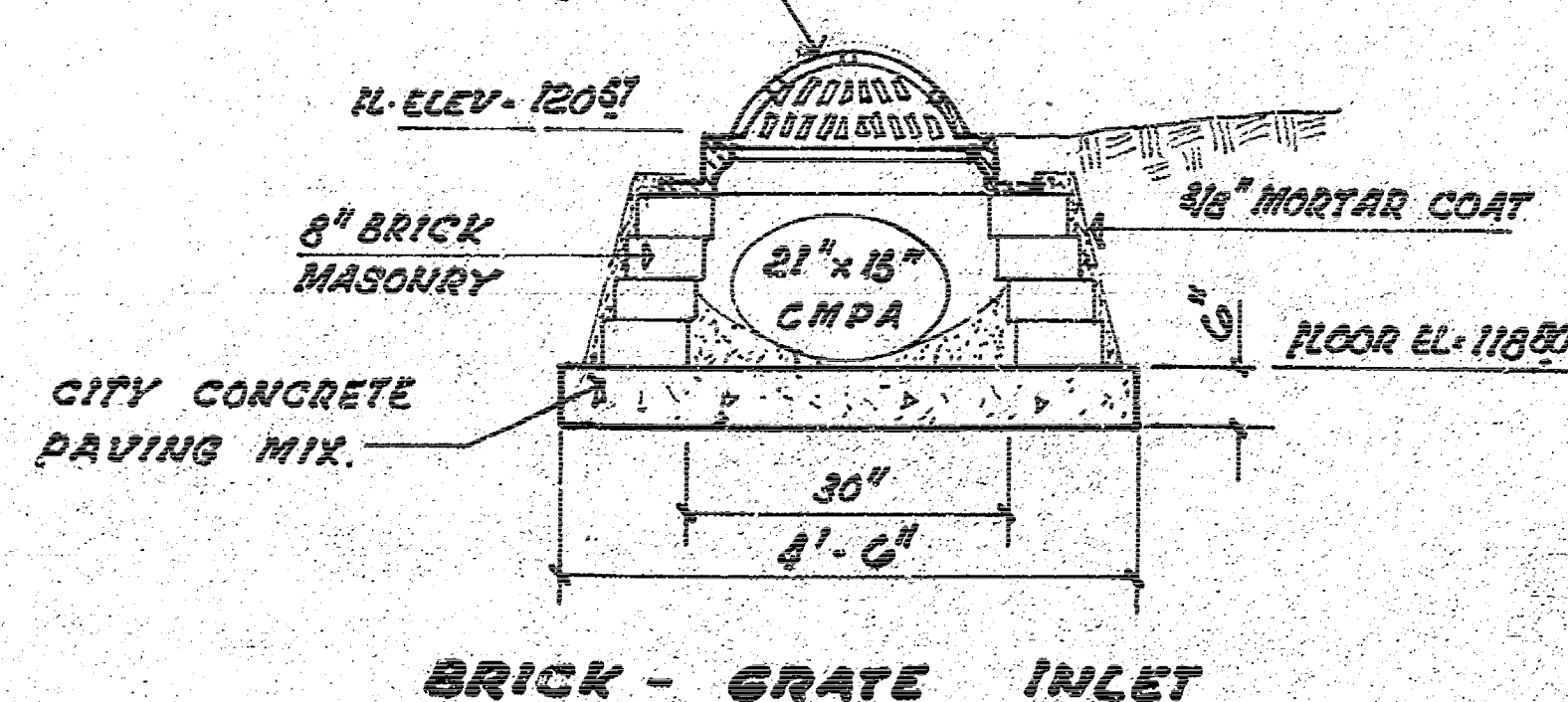
CONSTRUCT TYPE I-A CURB INLET
Top curb 12125 - 15' out 11871 (11-4'-2")

CONSTRUCT TYPE I-A CURB INLET
OVER EXISTING 18" CMP. Top curb
12124 - 18" CMP out 11851 - 21'x15" in 11851
15' in 11851 (11-4'-2")

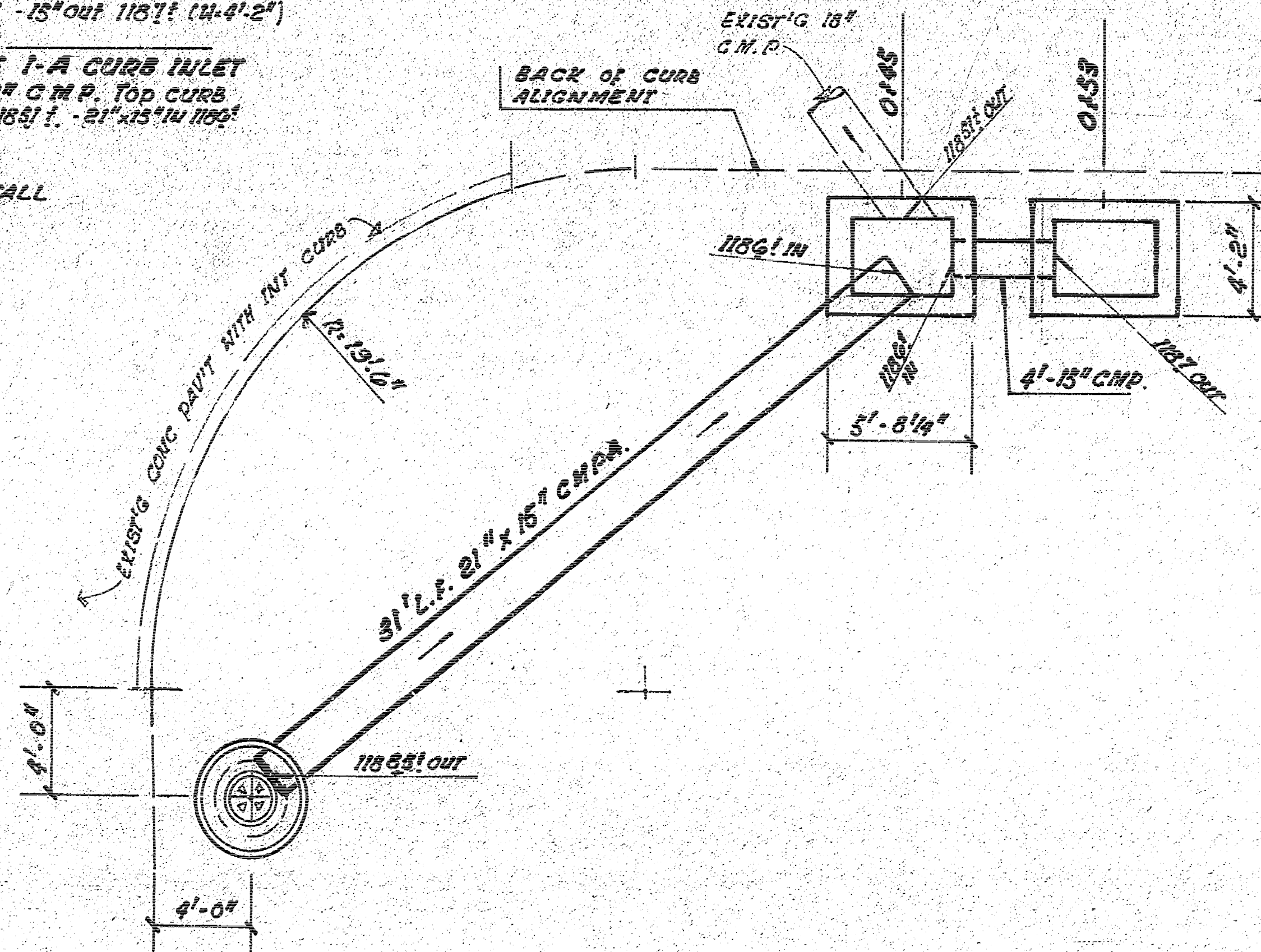
REMOVE 24"X24" RCP AND INSTALL
31" L.F. 21"X15" CMPA.

RIP-RAP REMOVED AND GRADING OF
DITCH TO MATCH NEAR INLET IS TO BE
SUBSIDIARY TO PIPE REMOVAL.

#R25G3 NEENAH BEEHIVE GRATE AND FRAME
OR APPROVED EQUAL



BRICK - GRATE INLET

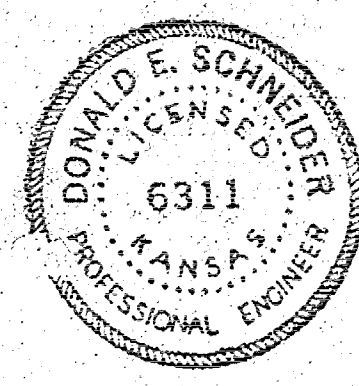


NOTE: NO MORE THAN 10-20' DRIVES TO BE CONSTRUCTED
ON THIS PROJECT.

MAILBOXES

MAILBOXES WITHIN THE PROJECT LIMITS SHALL BE REMOVED
AND REPLACED BY THE CONTRACTOR AS APPROVED BY THE
ENGINEER. CONTRACTOR SHALL BE REQUIRED TO MAKE SATIS-
FACTORY PROVISIONS FOR MAIL DELIVERY TO PROPERTIES AFFECTED
BY THIS PROJECT DURING CONSTRUCTION.

EXCAVATION
549.7 CU YDS
17% 54.4
595.1 CU YDS
1625 SQ YDS MANIPULATION



PROJECT DESCRIPTION	
HOOVER	AVENUE
N.L. NEWELL AVENUE TO A POINT 130' SOUTH OF THE S.L. CENTRAL AVENUE.	
PROJECT NUMBER 472-76-245-81249-000-000-001	
BOOK NO. L.E.S. 34	APPROVED BY
DRAWN BY	DATE
CITY OF WICHITA DEPARTMENT OF ENGINEERING	
DIRECTOR OF ENG./CITY ENGINEER R. W. BRUGGEMAN	
SCALE 1" = 20'	



NO 20 NO
NOOVER AVENUE
N.E. MEADOW AVE NO 4 PT 120' SO. OF
THE E.L. CENTRAL AVE.
PROJ NO. 472-76-245-R1E 99-000-000-001

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