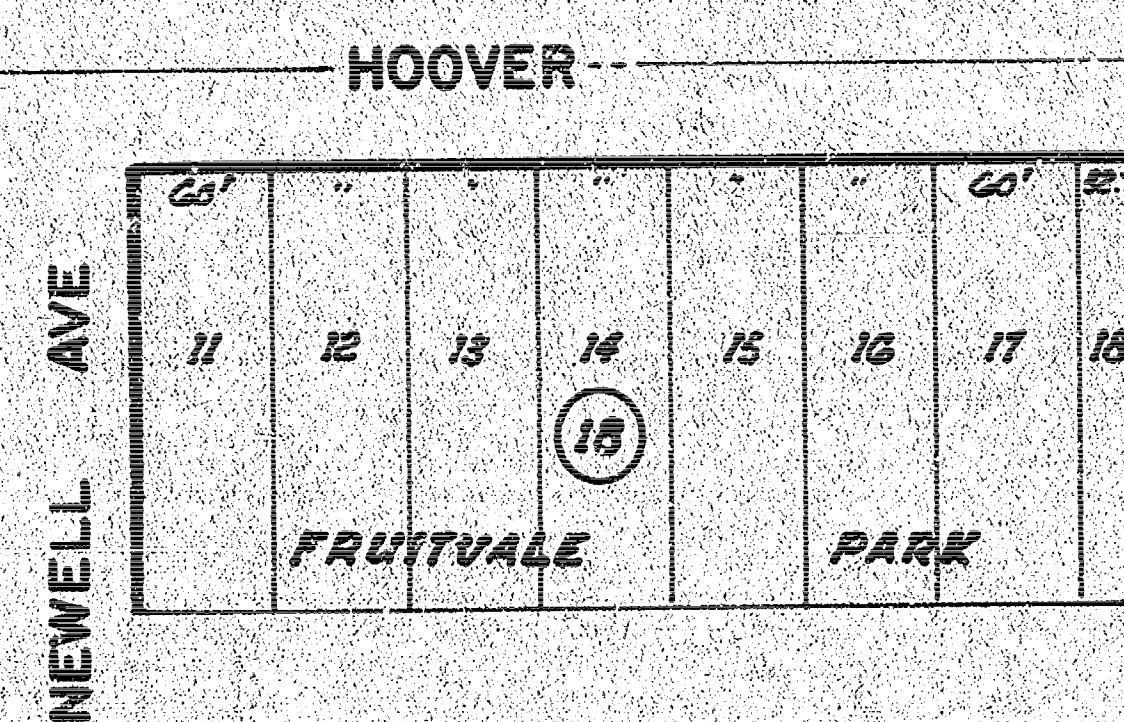
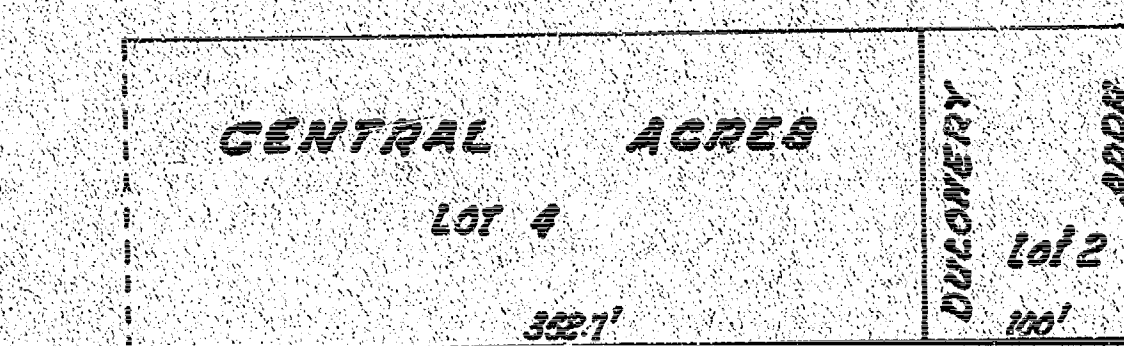


HOOVER AVENUE

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



CITY OF WICHITA, KANSAS

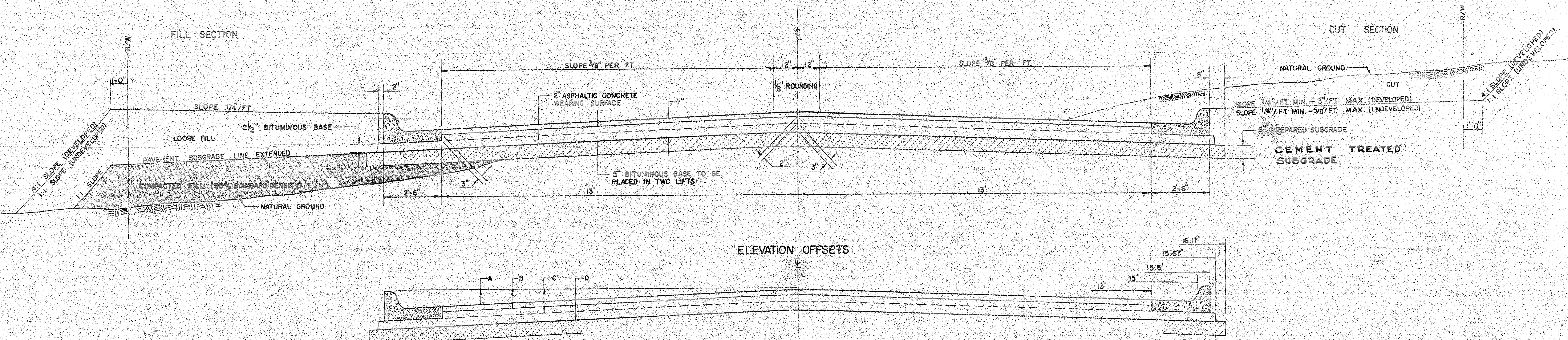
R.W. BRUGGEMAN DIRECTOR OF ENGINEERING/CITY ENGINEER

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

TYPICAL 3' PAVEMENT DETAILS

2
5

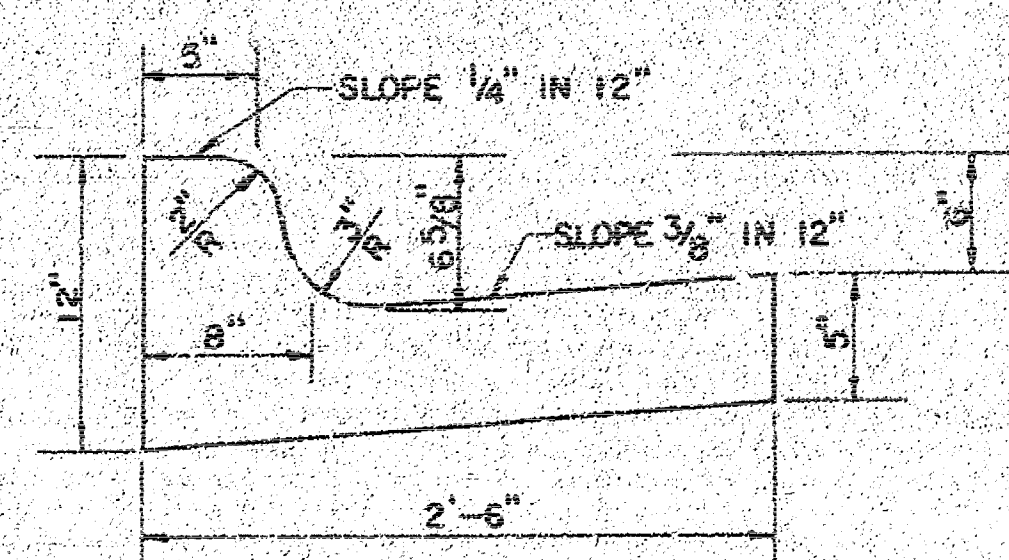
TRANSVERSE SECTION



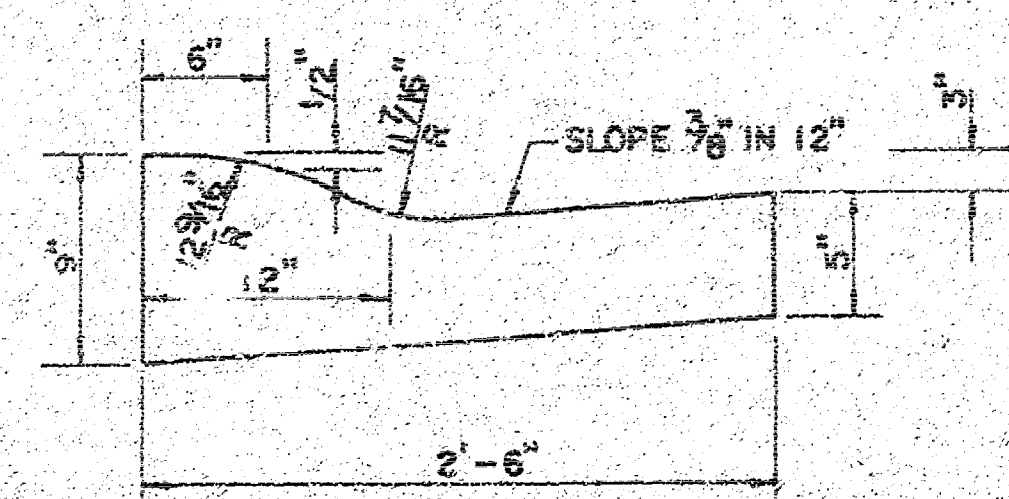
ELEVATION OFFSETS

	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



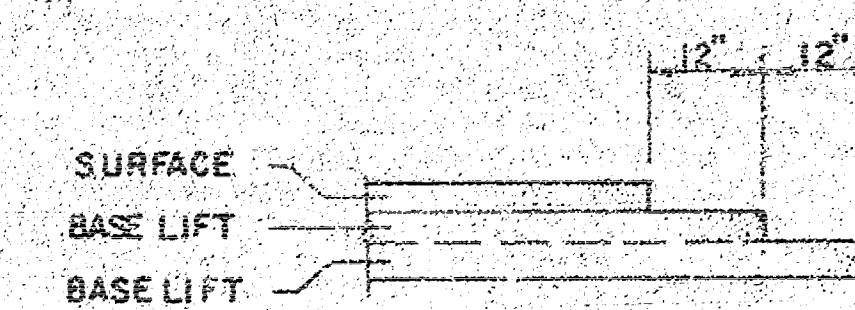
ROLL TYPE COMBINED CURB & GUTTER



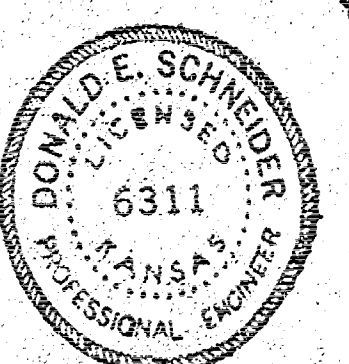
GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

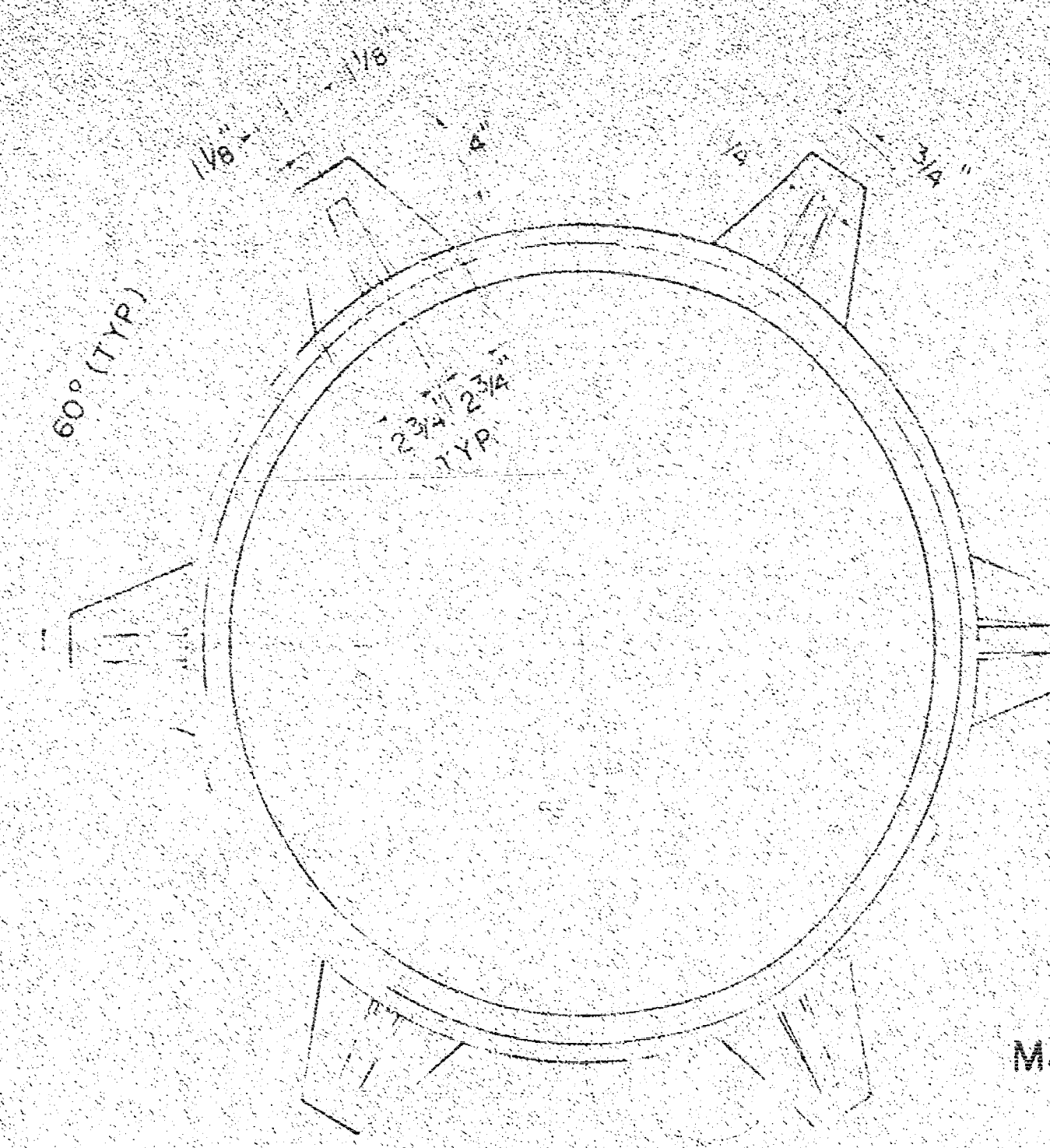
TRANSVERSE CONSTRUCTION JOINTS



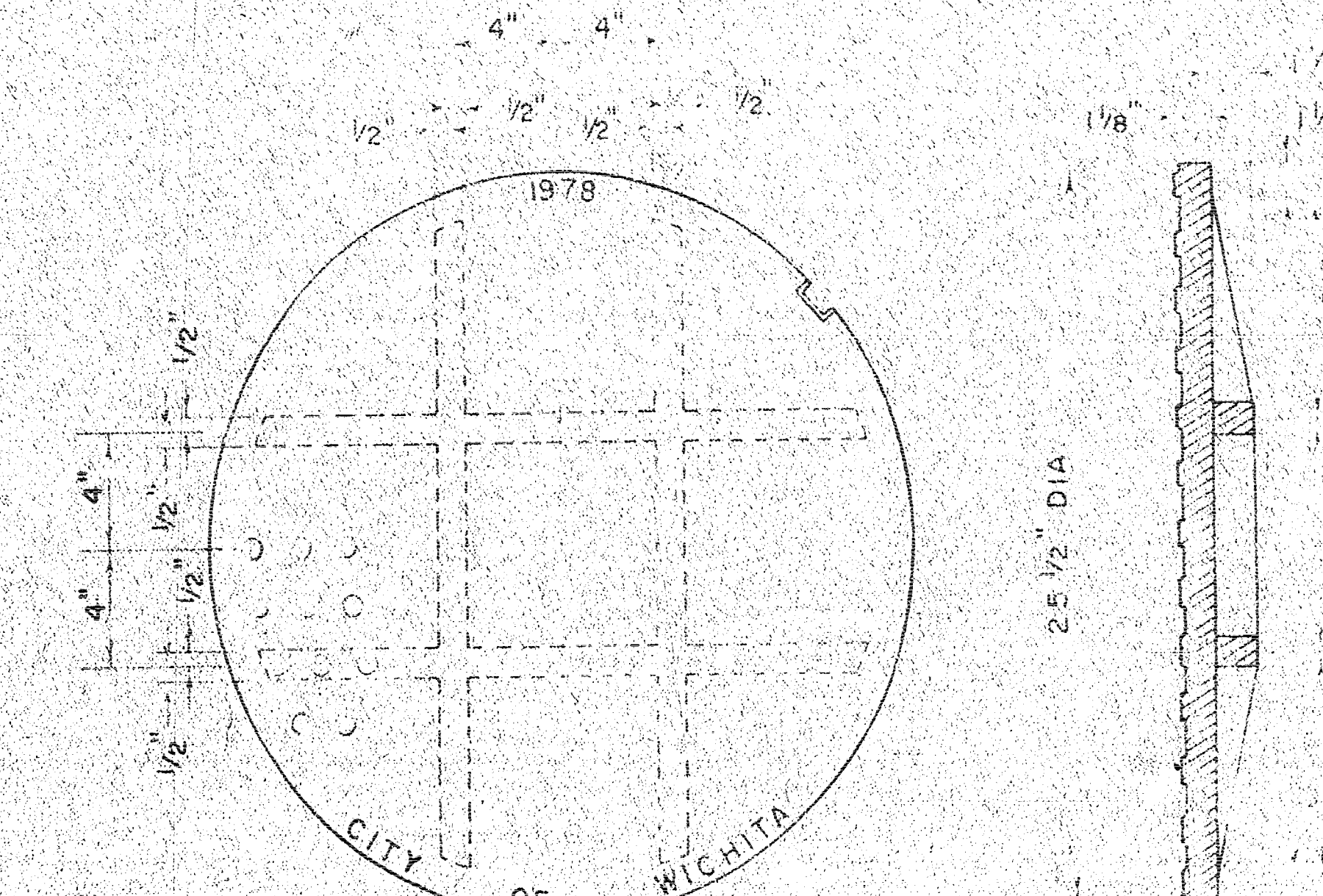
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PROPOSED PAVEMENT JOINTS EXISTING FULL DEPTH ASPHALT PAVEMENT AS SHOWN BY DETAIL. THE COST OF CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).



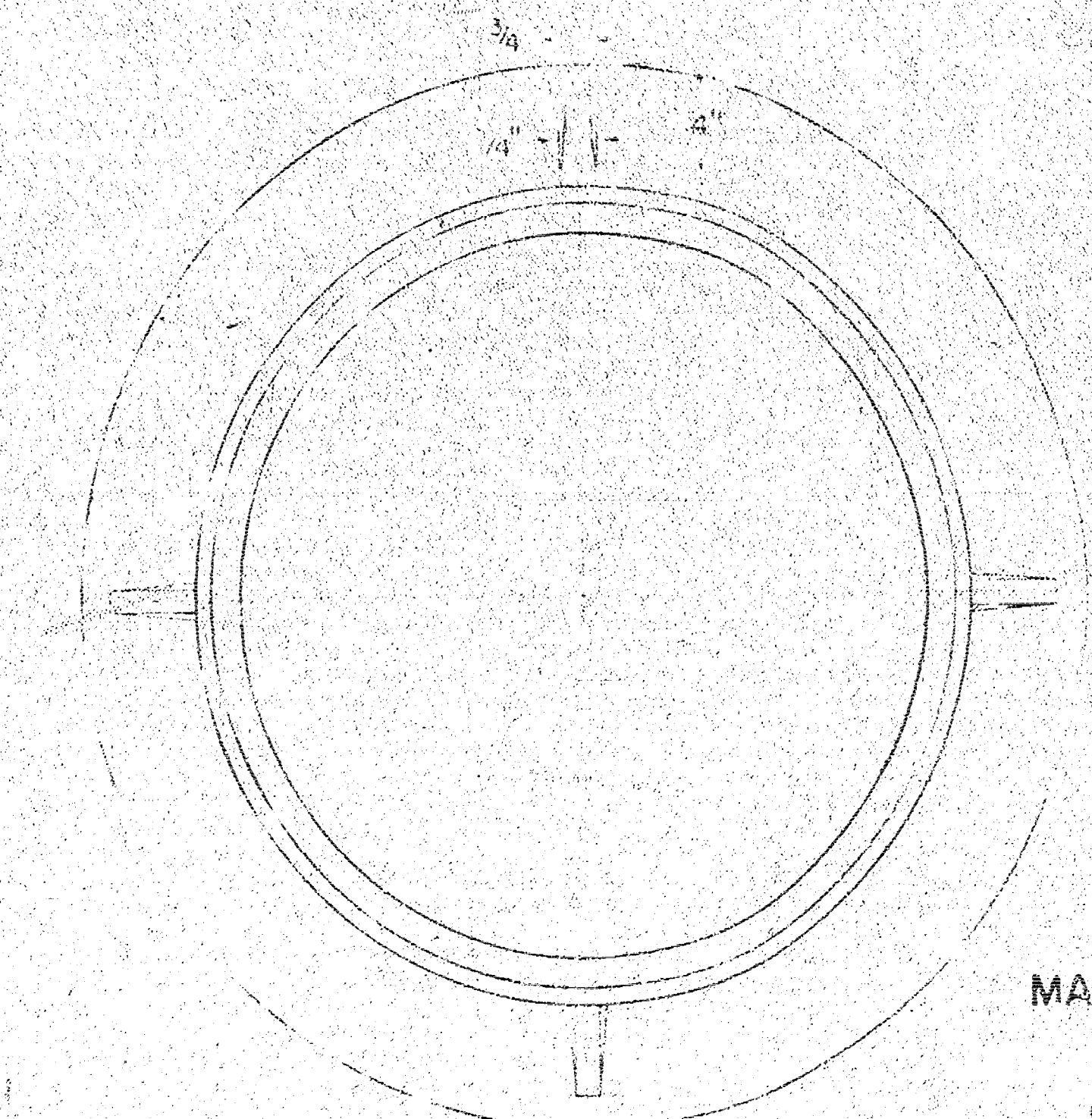
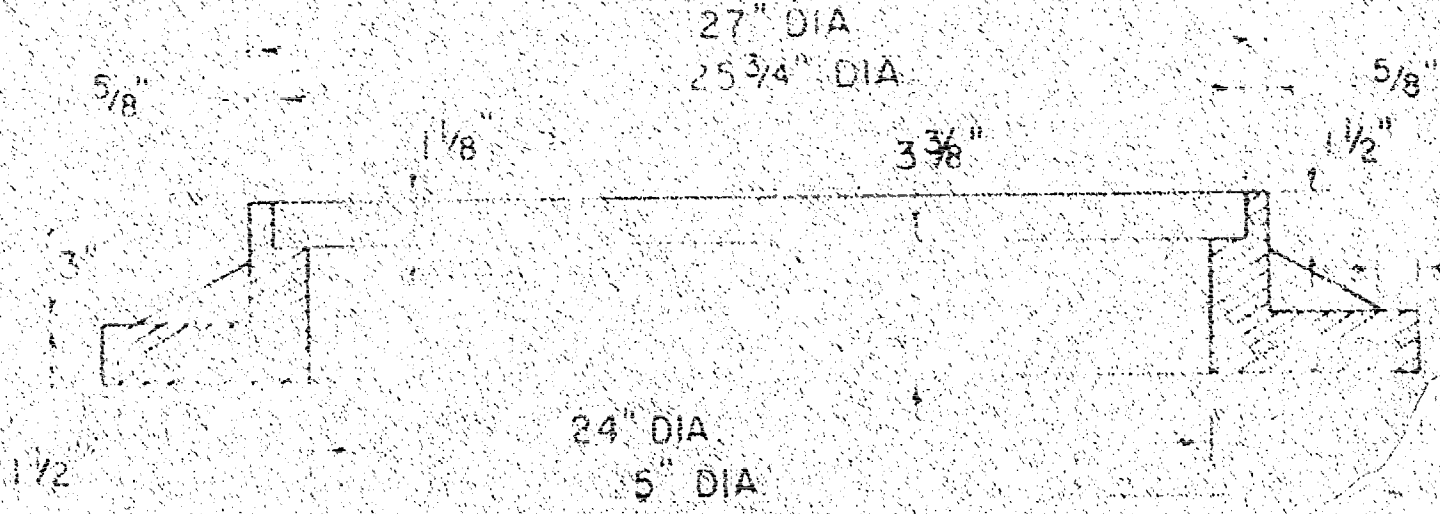
7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
PROJ No. 412-76-245-81249-000-000-001



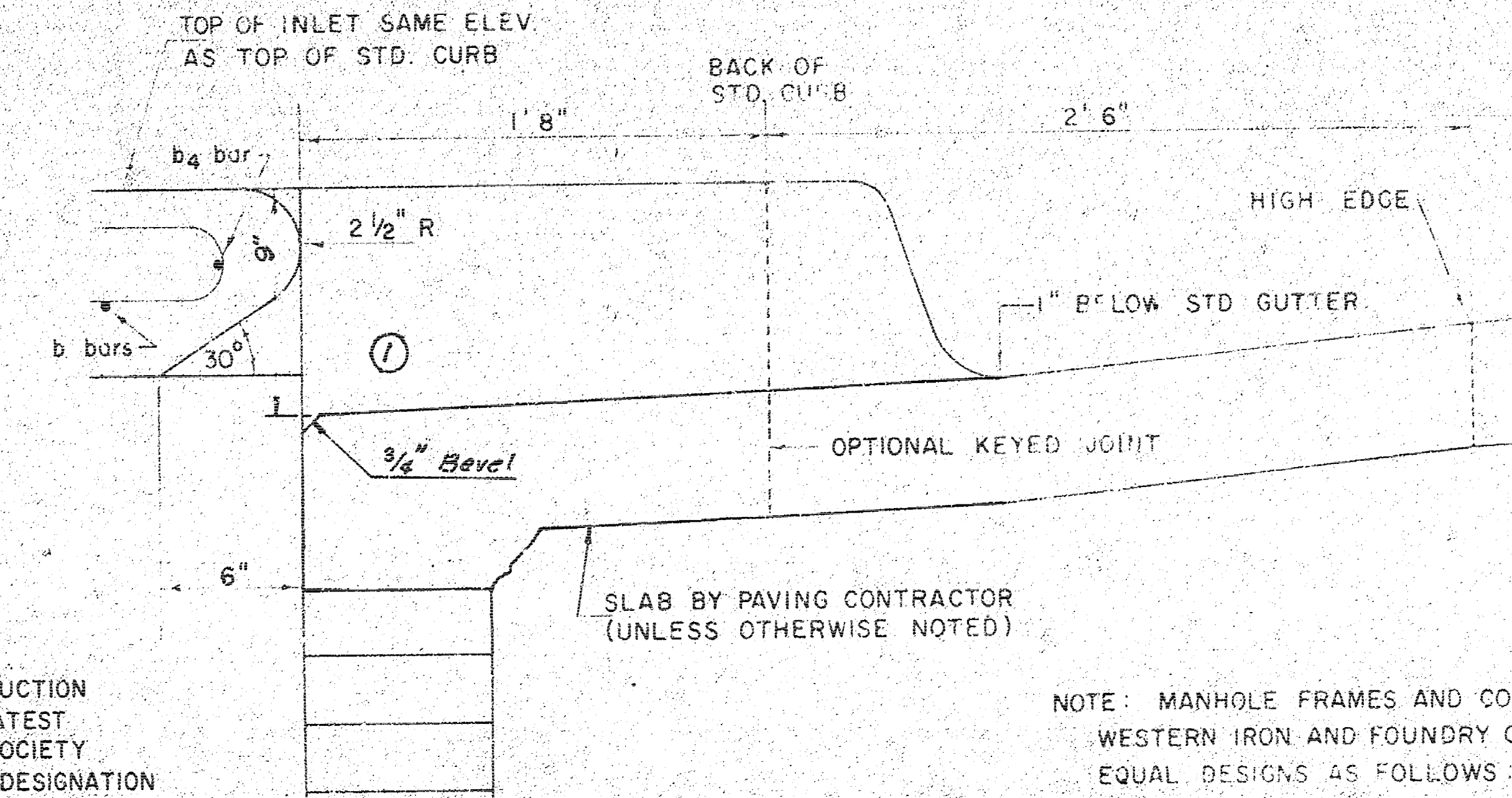
MANHOLE FRAME
(SCALE 1" = 6")
WEIGHT = 180 LBS



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



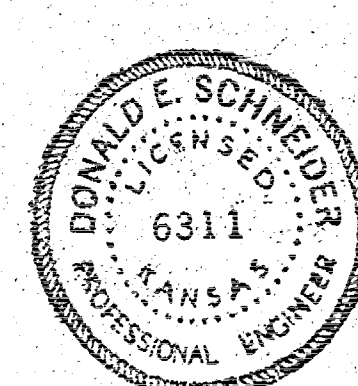
(SCALE 1" = 6')



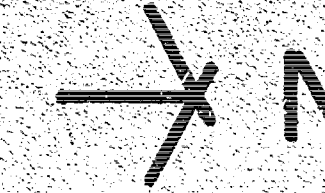
SECTION B - B
(SCALE 1" = 6")

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"

JUNE, 1981

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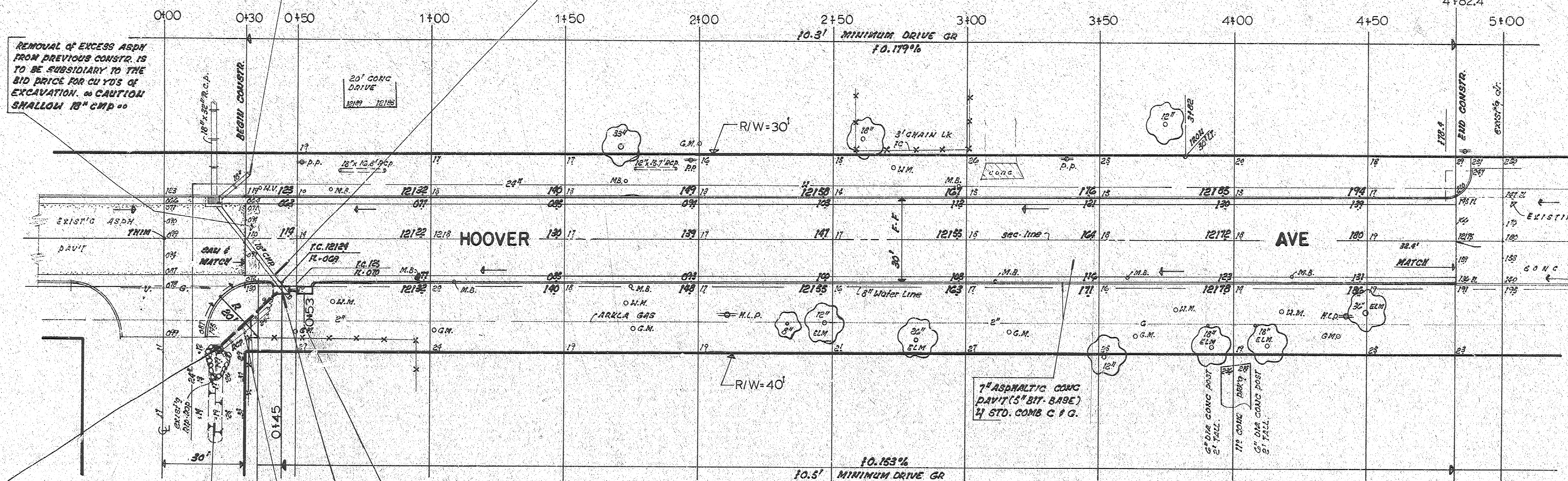
S.M. 123.29 CITY DISC 34' EAST 2.42' NORTH - @ BOTH. HOOVER & CENTRAL
S.M. 121.46 "D" TOP CURB E. END OF RADIUS. @ SIDE NEWELL AT HOOVER



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' x 15" in 11851' 15" in 11851' (11'-4'-2")

REMOVE 24" x 24" RCP AND INSTALL 31" L.F. 21" x 15" 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

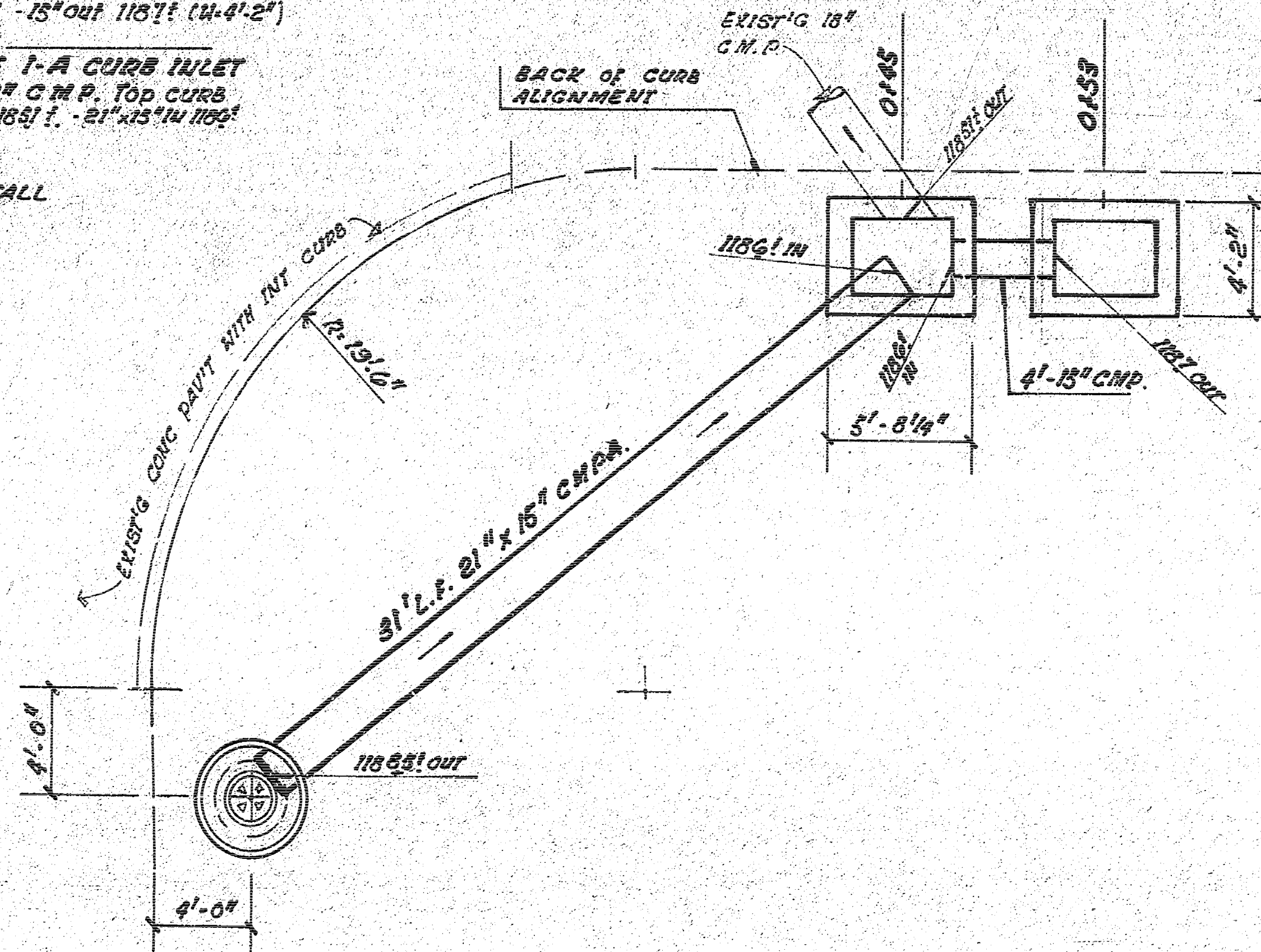
N. ELEV. 1205'

6" BRICK MASONRY

3/8" MORTAR COAT

CITY CONCRETE PAVING MIX.

BRICK - GRATE INLET

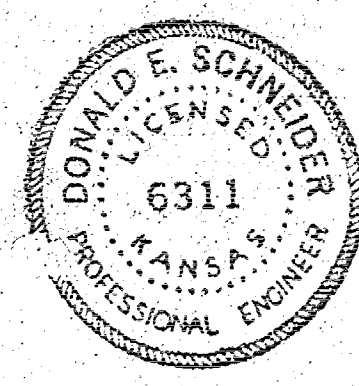


EXCAVATION = 549.7 CU YDS
11% 54.4
595.1 CU YDS
1625 SQ YDS MANIPULATION

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 SATISFACTORY PROVISIONS FOR MAIL DELIVERY TO PROPERTIES AFFECTED BY THIS PROJECT DURING CONSTRUCTION.



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'	



NOOVER AVENUE
N.E. NEWELL AVE TO A PT 130' SO. OF
THE E.L. CENTRAL AVE.
PROJ NO. 472-76-245-812 99-000-000-001

A circular professional engineer seal for Donald E. Schneider, a Licensed Professional Engineer in the State of Kansas. The seal features the name "DONALD E. SCHNEIDER" around the top inner edge, "LICENSED" at the top, the license number "6311" in the center, "KANSAS" at the bottom, and "PROFESSIONAL ENGINEER" around the bottom inner edge.