

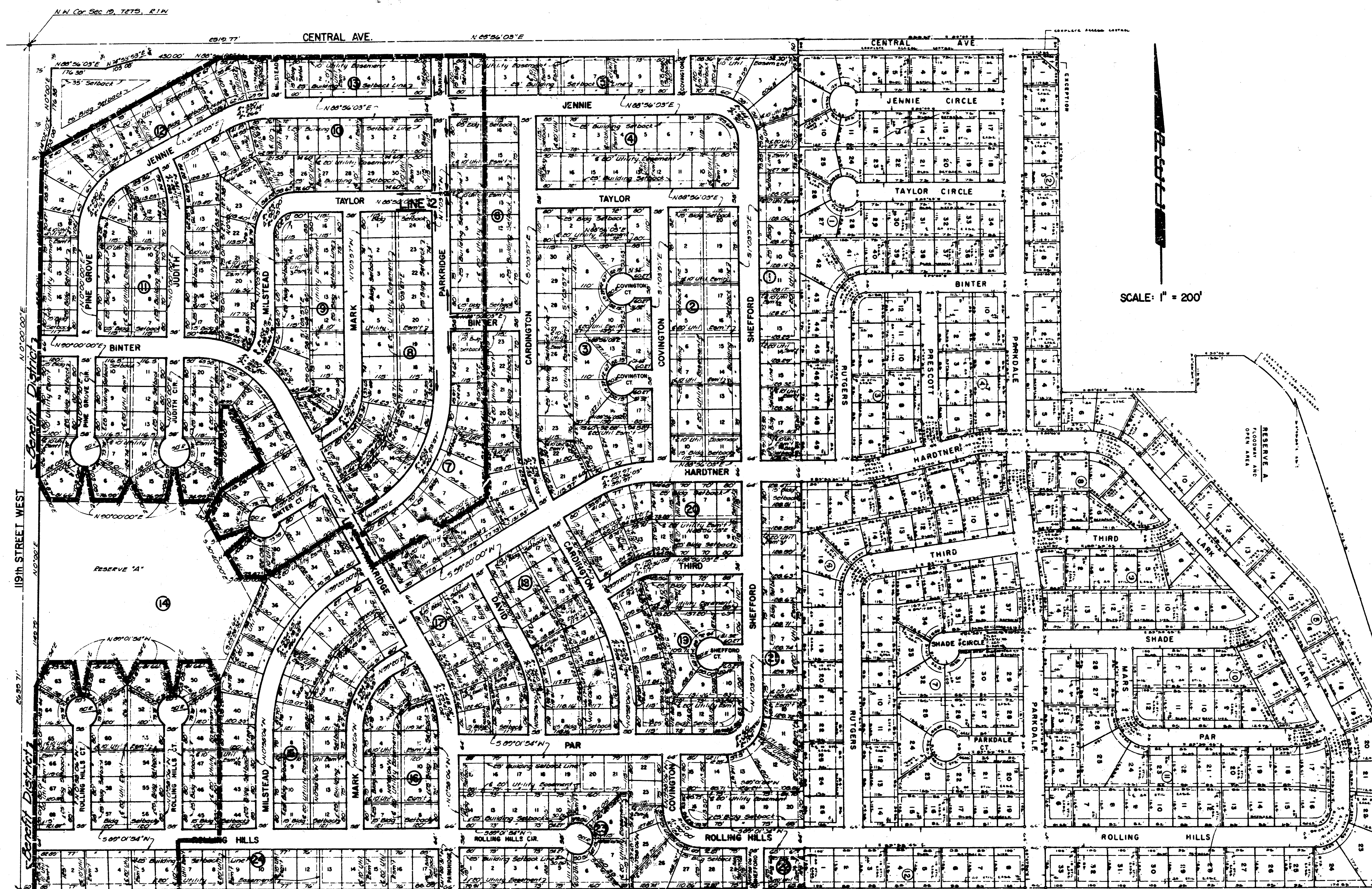
CITY OF WICHITA, KANSAS

STORM WATER SEWER NO. 156 (PHASE I)

DEAN S. SELLERS, ACTING CITY ENGINEER

INDEX OF SHEETS

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SCALE: 1" = 200'

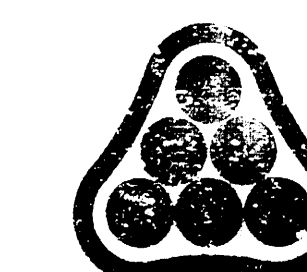
GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WORK WITH PAVING AND SANITARY CONTRACTORS, AND CONTACT RELEVANT UTILITY COMPANIES AND OTHER AGENCIES INVOLVED WITH THIS PROJECT SITE DEVELOPMENT.
2. FIELD ENGINEER SHALL TAKE TIES TO ALL IRONS AND THIMBLES IN THE PROJECT AREA BEFORE CONSTRUCTION BEGINS. FIELD ENGINEER SHALL REPLACE ALL SUCH IRONS AND THIMBLES DISTURBED DURING CONSTRUCTION.
3. THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
4. ALL METAL PIPES SHALL BE HELICALLY CORRUGATED PIPE, AND SHALL BE SMOOTH FLOW PIPES FOR SIZES 24" DIAMETER OR LARGER. ALL CONNECTIONS FOR THESE PIPES SHALL BE FAIRLY WATERTIGHT CONSTRUCTED USING HUGGER TYPE COUPLER OR EQUAL.
5. ALL CONCRETE SHALL BE "6-SACK CONCRETE" UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL AVOID UNCOVERING EXISTING WATERLINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPT. ENGINEER.
7. CONTRACTOR SHALL HAVE THE OPTION TO INSTALL PRE-CAST TYPE I-A CURB INLET IN LIEU OF THE BRICK TYPE CONSTRUCTION. SEE STANDARD DETAIL PRE-CAST TYPE I-A INLET DATED AUGUST, 1979.
8. EXCESS TRENCH MATERIAL SHALL BE WASTED AS DIRECTED BY SITE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

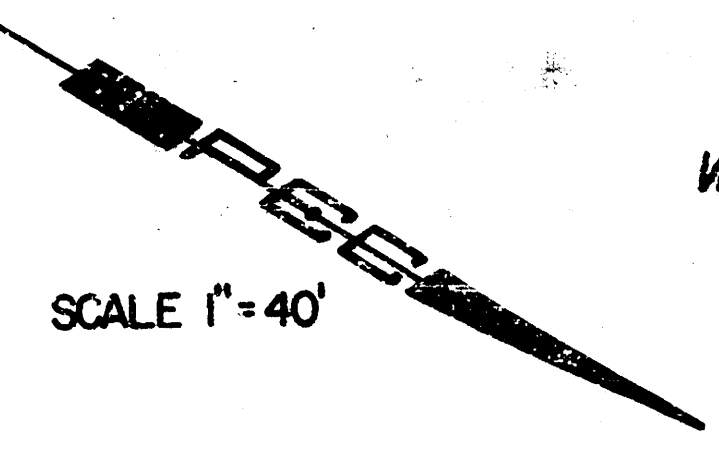
BENCH MARKS

- BM-14740 - "a" cut in N. end of conc. epillway approx. 35' S. of N.L. Hardtner & 40'E. of W.L. of Westlink 17th Addn.
- BM-15437 - R.R. Spike in S. face R.R. N. side Central & 3' W. of hedge N. 1/2 mile W. of Maize Road.
- BM-16052 - R.R. Spike in H.L.P. 30'E. & 23' N. of NE. Cor. of Central & Parkridge.

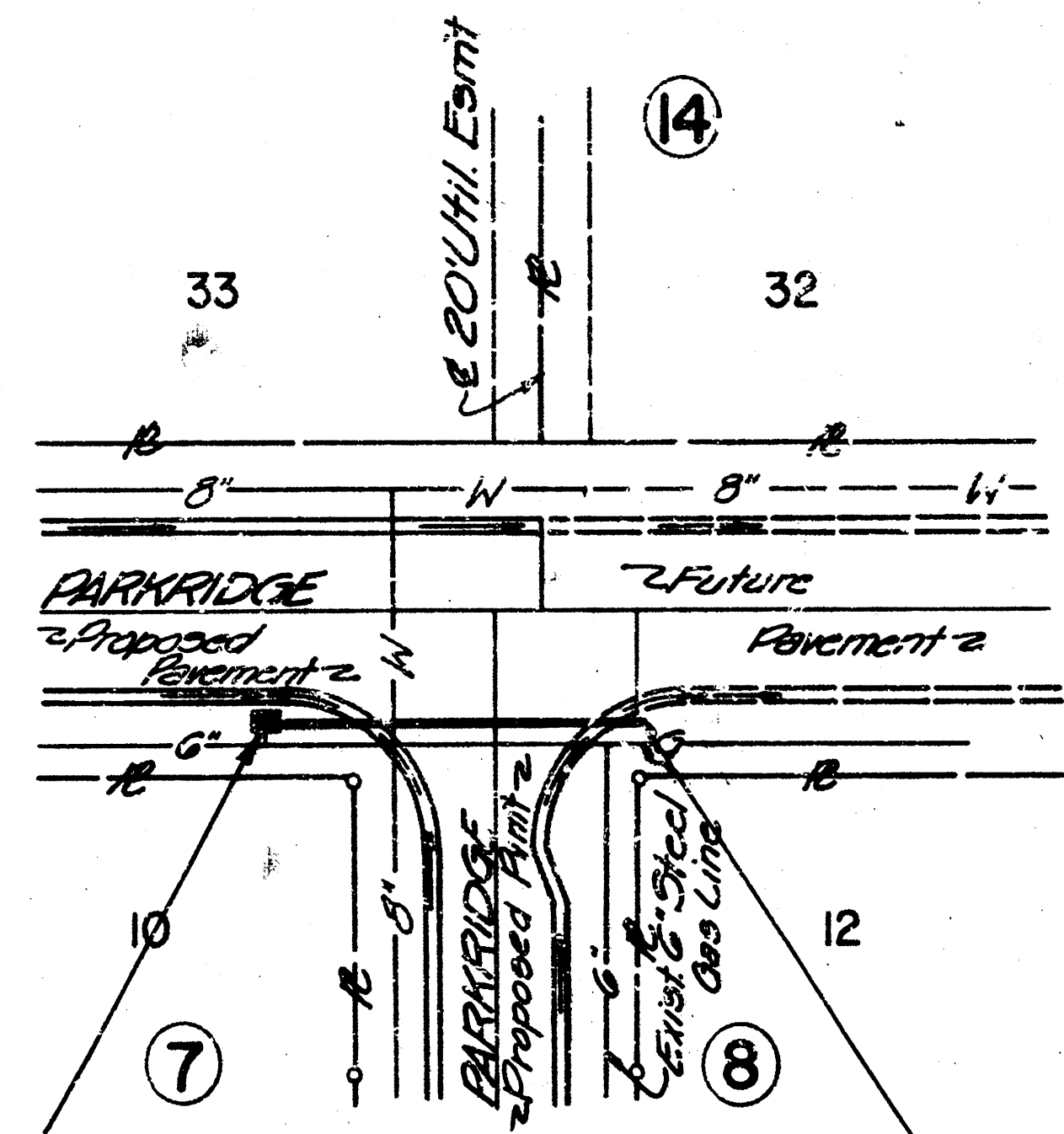
No.	Revision	By	Date
CITY OF WICHITA, KANSAS DEAN S. SELLERS, CITY ENGINEER TITLE SHEET PHASE I STORM WATER SEWER 156 PROJ. NO. 468-76-245-80725-000-000-001 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. ENGINEERS WICHITA, KANSAS			
Designed by: <i>CSS</i>		Job No. <i>7001-001</i>	
Drawn by:		Date <i>October 1979</i>	
		Sht. 1 of 3	



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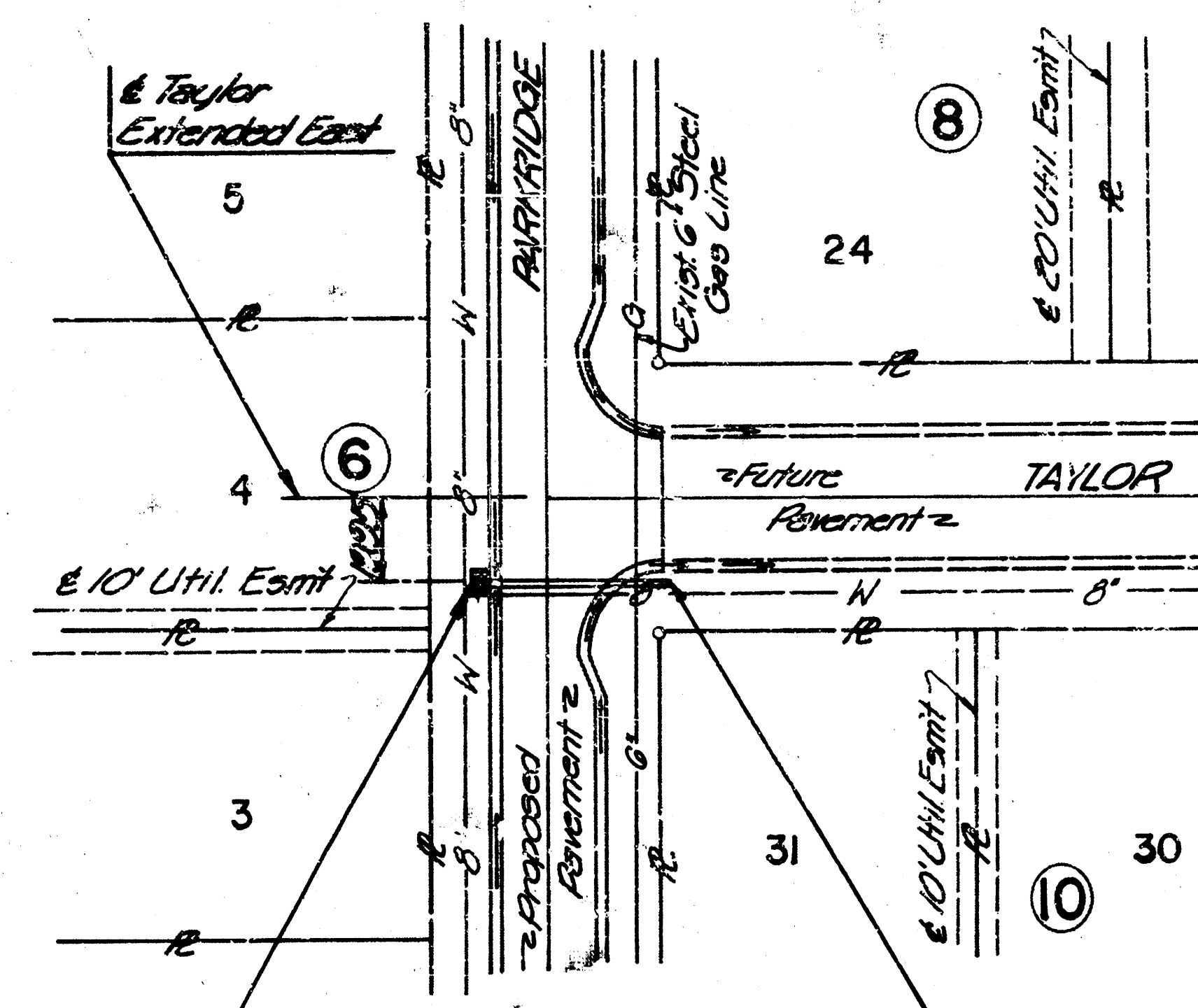
LINE 1 (LATERAL)
WESTLINK NINETEENTH ADDITION



Construct Standard
Type IA Curb Inlet, N=4.2'
Install 77.7 LF
15" Pipe (N=4)
E Out=154.02
Top Elev=157.26

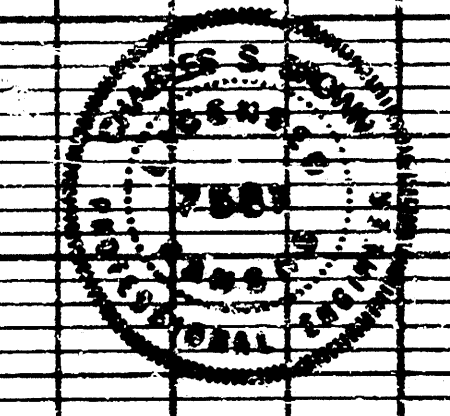
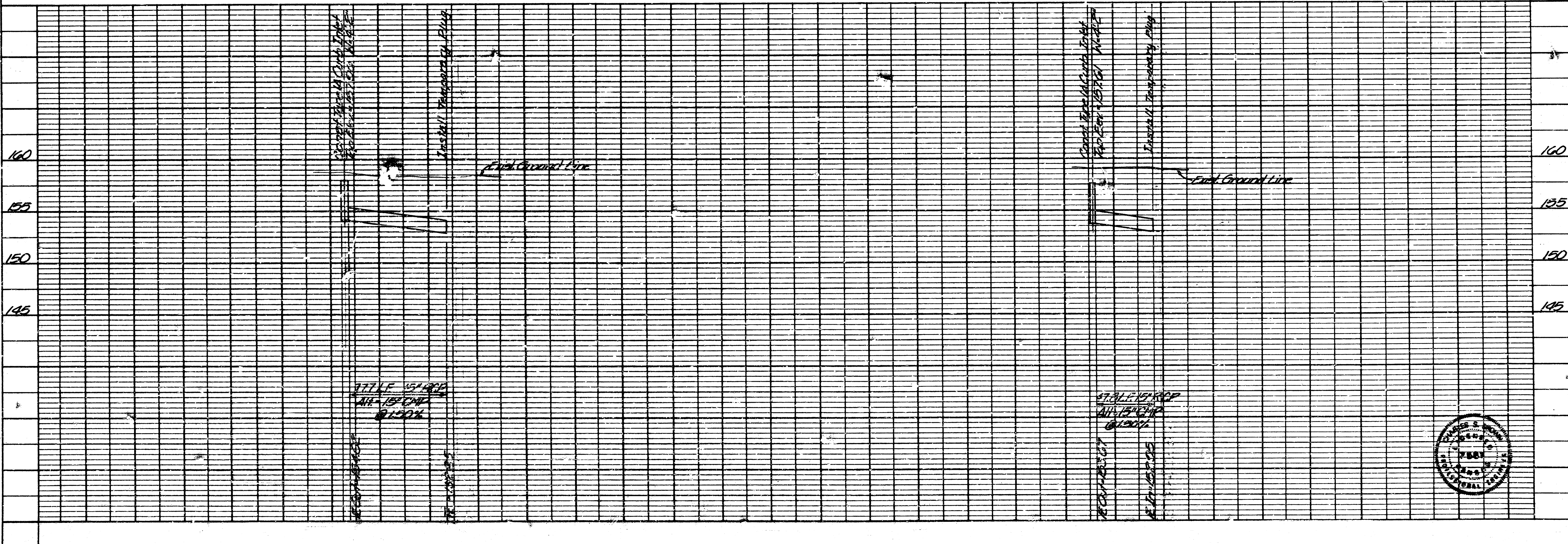
End of Pipe, Install
Temporary Plug with
2" Plank Bulkhead.

LINE 2 (LATERAL)
WESTLINK NINETEENTH ADDITION

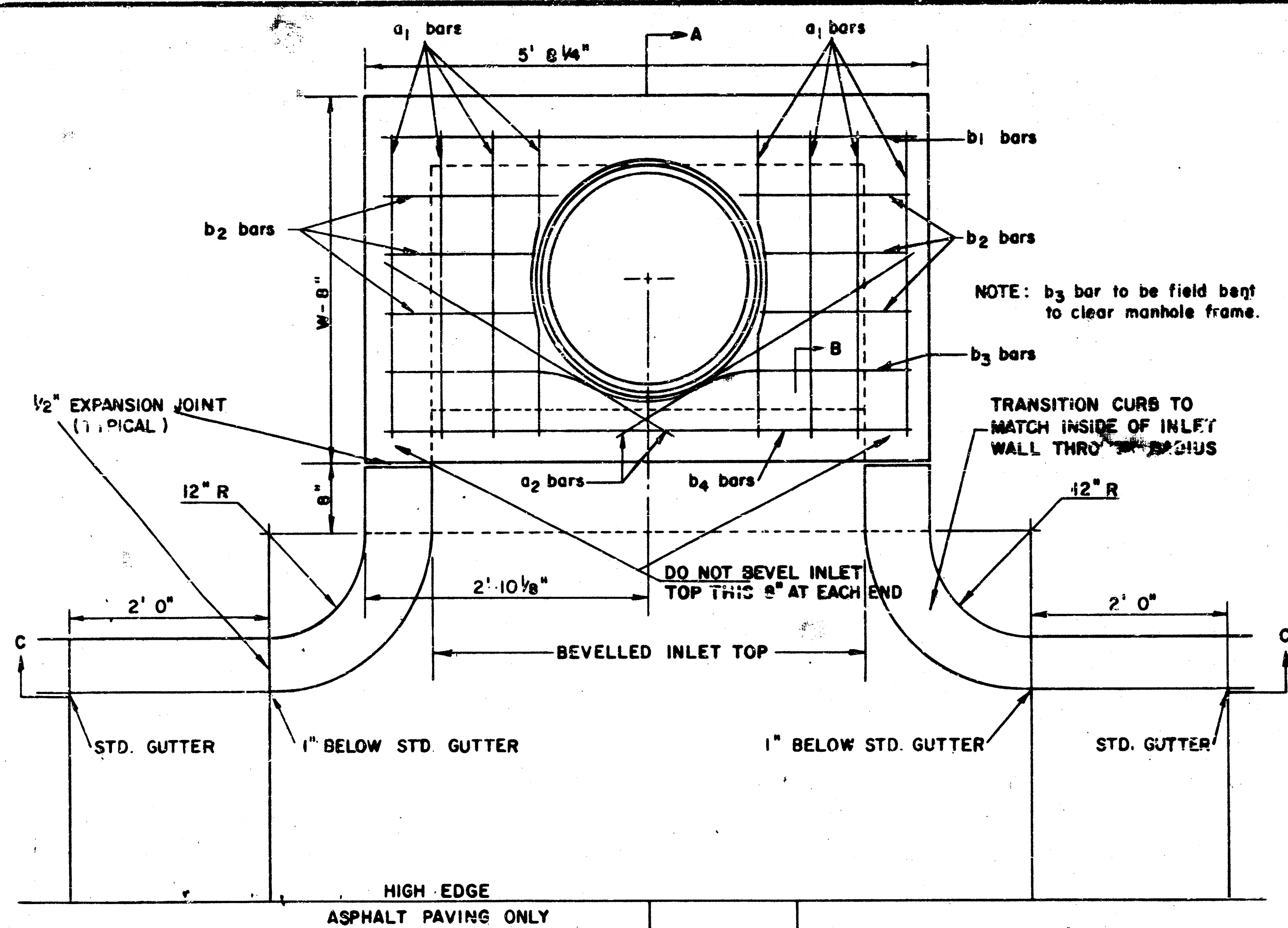


Construct Std.
Type IA Curb Inlet, N=4.2'
Install 47.8 LF
15" Pipe (N=4)
E Out=153.67
Top Elev=157.61

End of pipe, Install
Temporary Plug with
2" Plank Bulkhead.



CITY OF WICHITA, KANSAS DEAN S. SELLERS, CITY ENGINEER	
LINE 1 & 2	
STORM WATER SEWER 156 (PHASE I)	
PROJ. NO. 488-76-245-80725-500-501	
PROFESSIONAL ENGINEERING CONSULTANTS, P.A. ENGINEERS WICHITA, KANSAS	Job No. 70101 Date 12/28/77
Sh. 2 of 3	Designed by D.D. OSE Drawn by B.S.



PLAN (SCALE 1" = 1' 0")

STEEL SCHEDULE

BAR	a1	a2	b1	b2	b3	b4	WT. LBS.
NUMBER	8	2	1	3	5	7	9
SIZE	#4	#4	#4	#4	#4	#4	#6
W=4'2"	6'5"	3'4"	5'5"	-	-	-	-
W=5'0"	8'1"	4'4"	-	5'5"	-	1'5"	5'6"
W=6'0"	10'1"	5'4"	-	5'5"	-	1'5"	5'6"
W=7'0"	11'1"	6'4"	-	5'5"	-	1'5"	5'6"
W=8'0"	12'1"	7'4"	-	5'5"	-	1'5"	5'6"
							124"

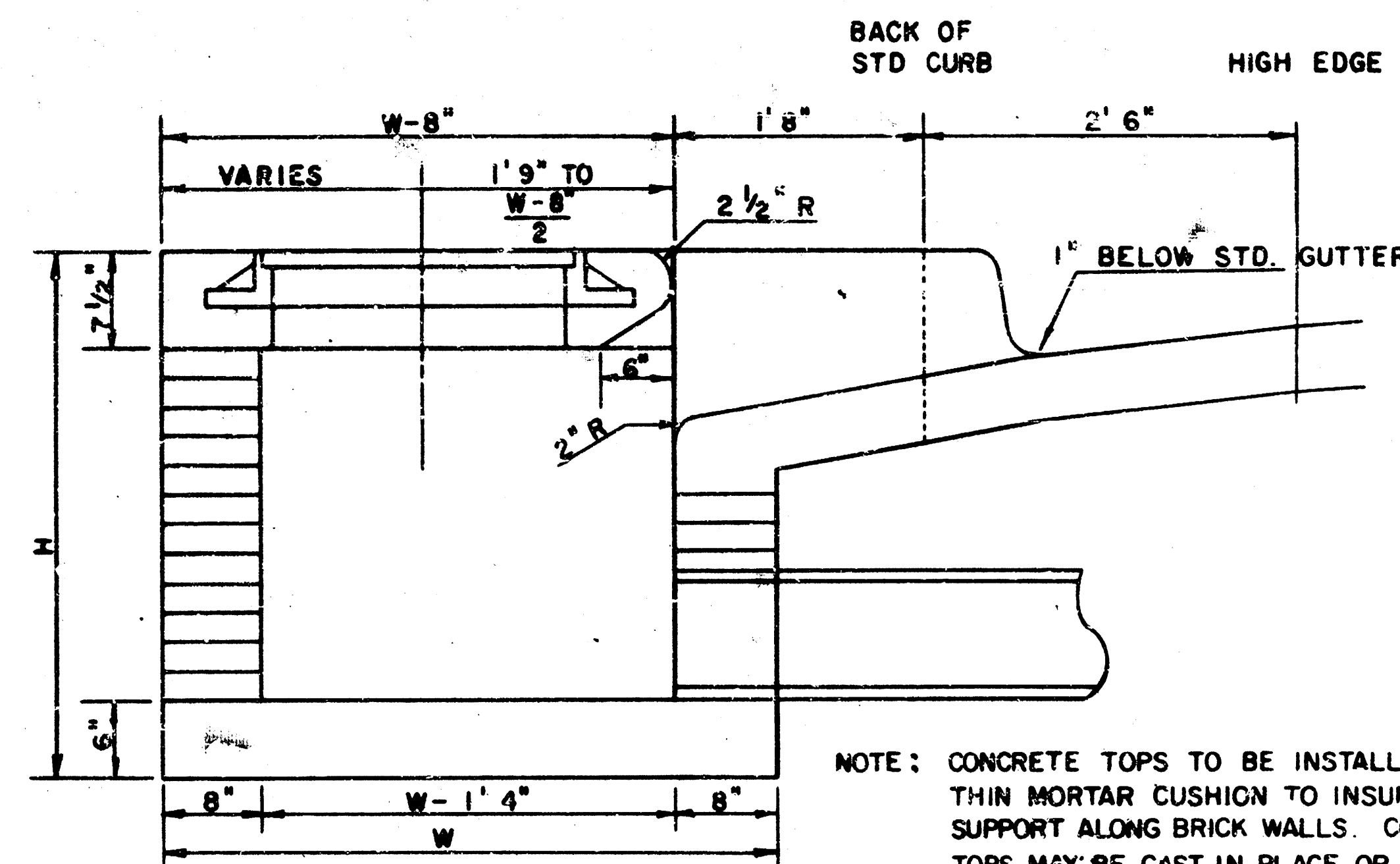
* NOTE: a2 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

BENDING DIAGRAM

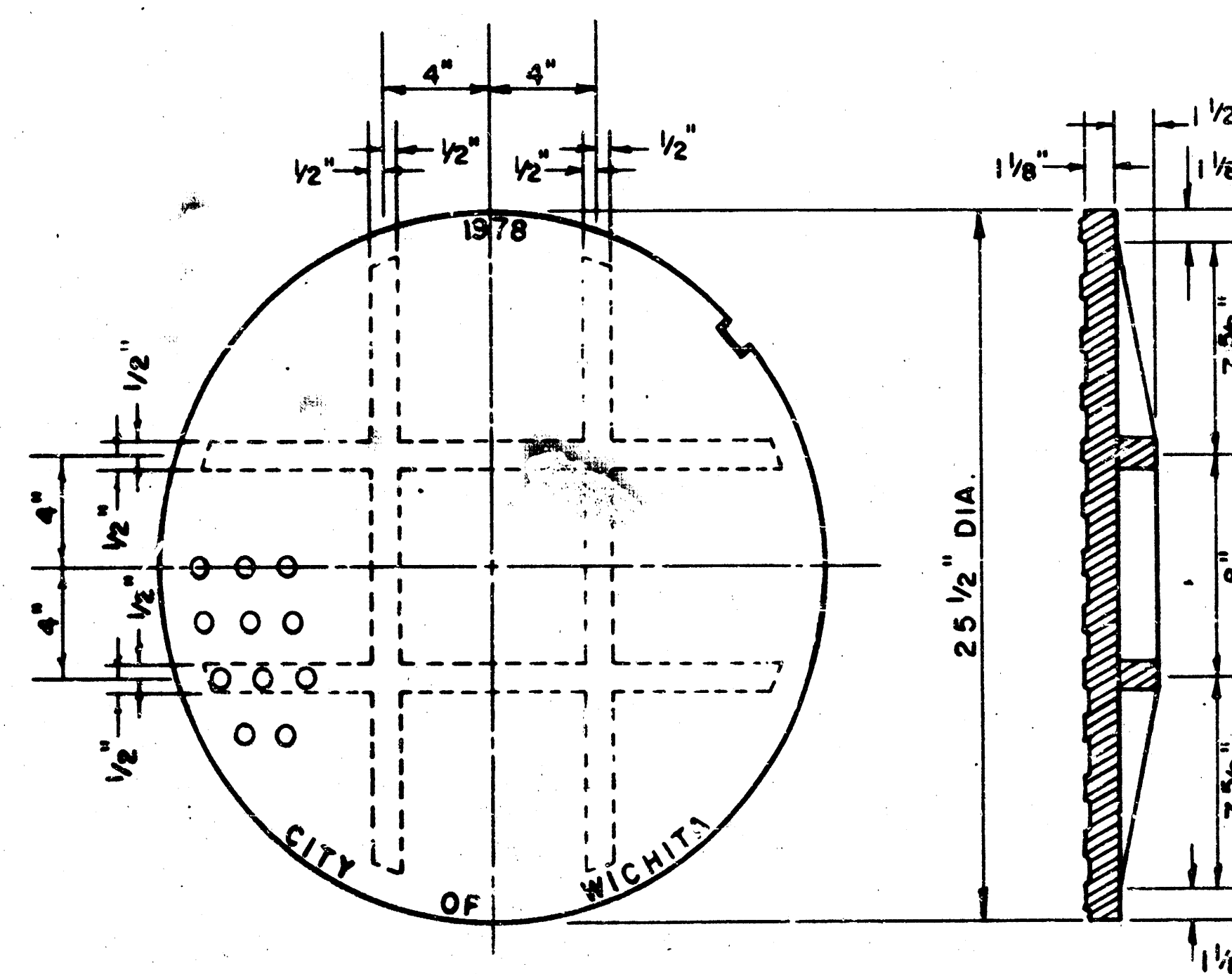
STANDARD CURB INLET PRECAST TOPS

W	PRECAST TOP SIZE	PIPE SIZE	CUB. CONC.
4' 2"	36"x5'8 1/4"x7 1/2"	21" & SMALLER	0.46 *
5' 0"	44"x8'8 1/4"x7 1/2"	24" & 30"	0.57 *
6' 0"	54"x8'8 1/4"x7 1/2"	36" & 42"	0.71 *
7' 0"	64"x8'8 1/4"x7 1/2"	48" & 54"	0.84 *
8' 0"	74"x8'8 1/4"x7 1/2"	60" & 66"	0.97 *

* SHOWS VOLUME

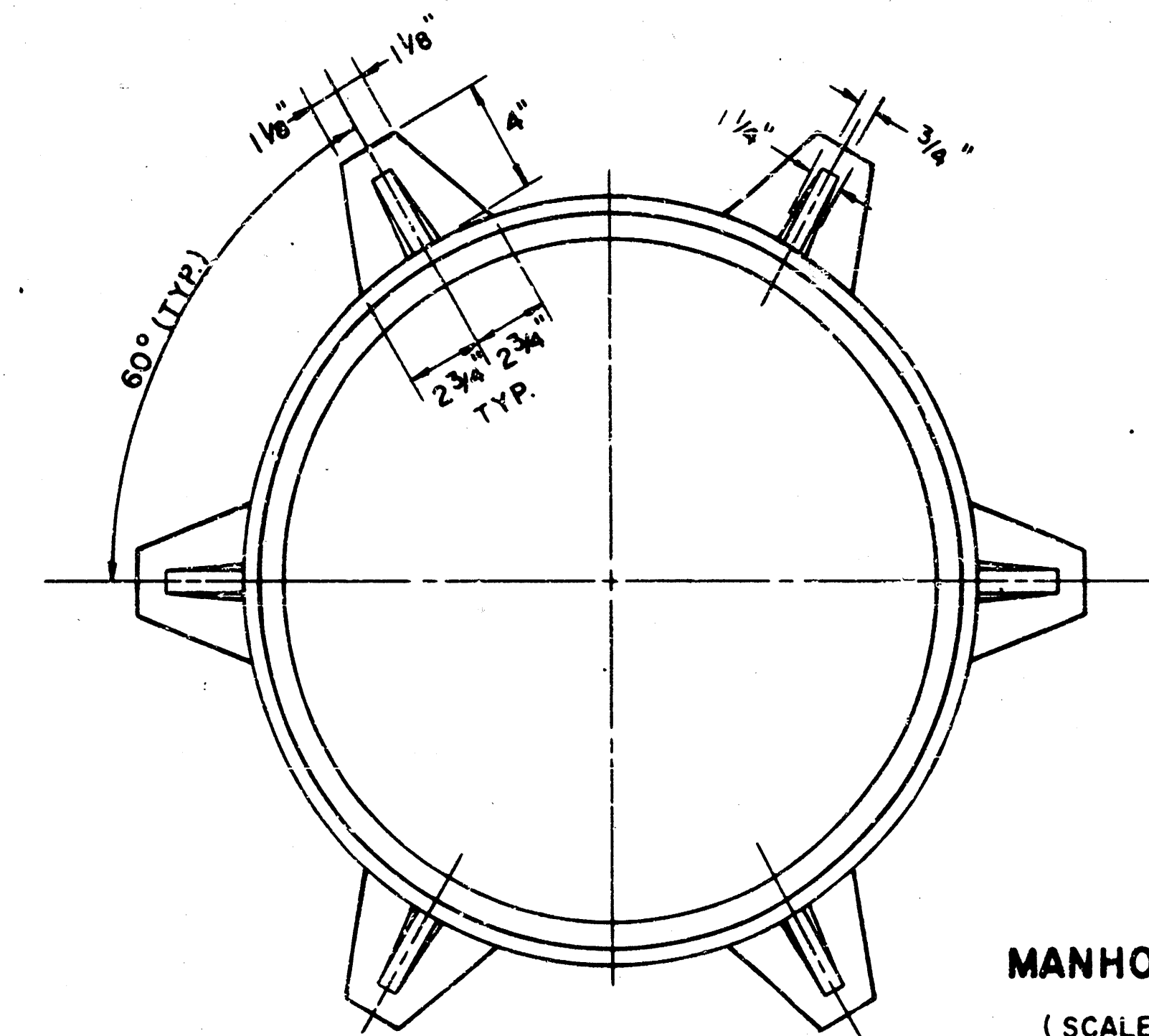


SECTION A-A (SCALE 1" = 1' 0")



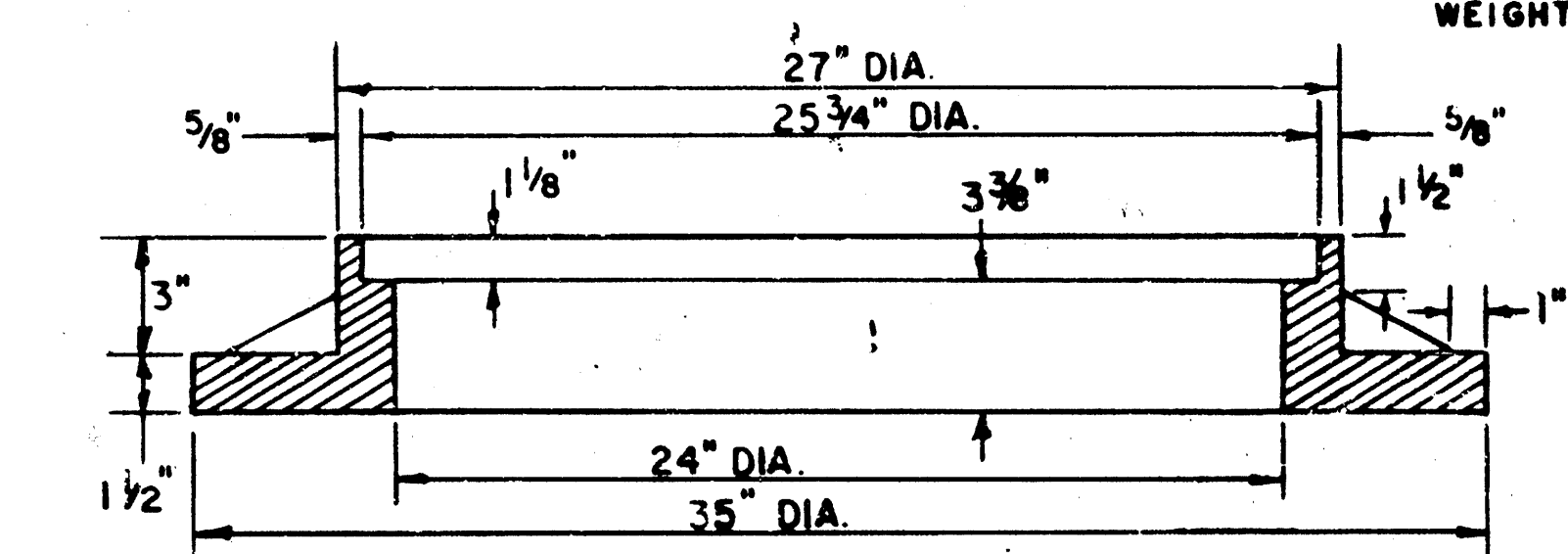
MANHOLE COVER (SCALE 1" = 6")

WEIGHT = 170 LBS.



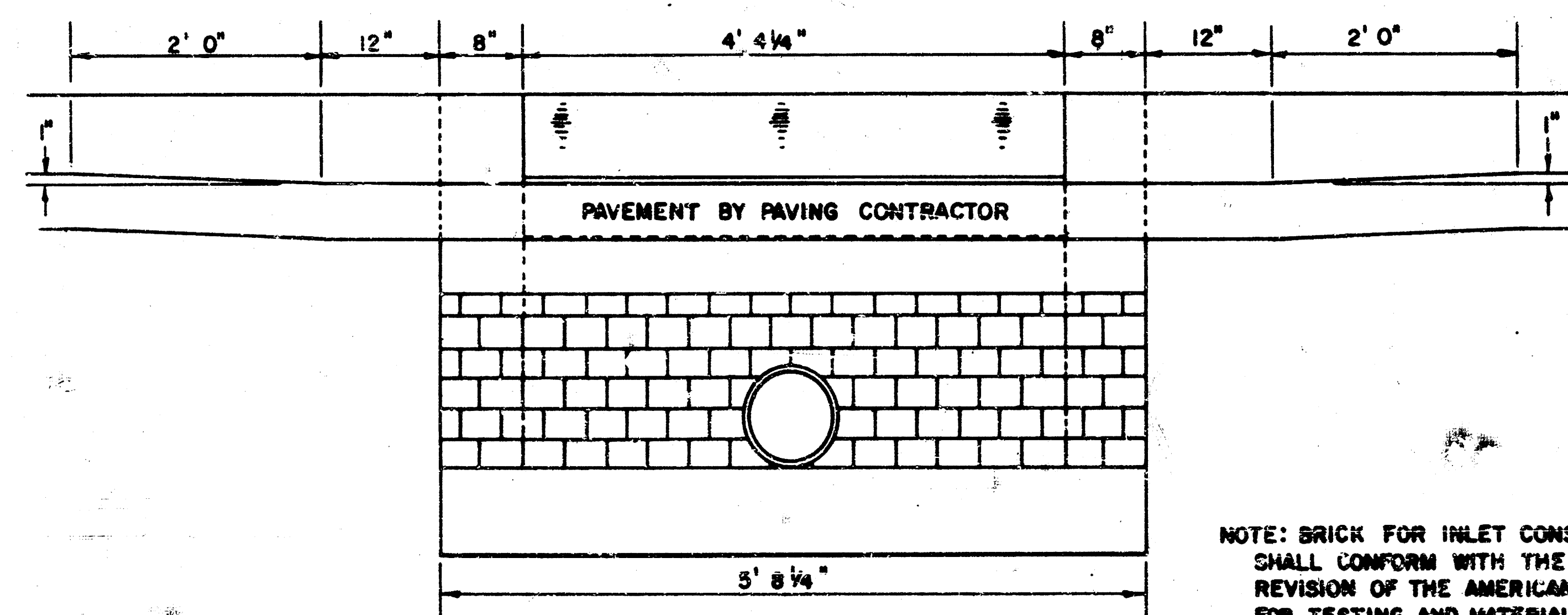
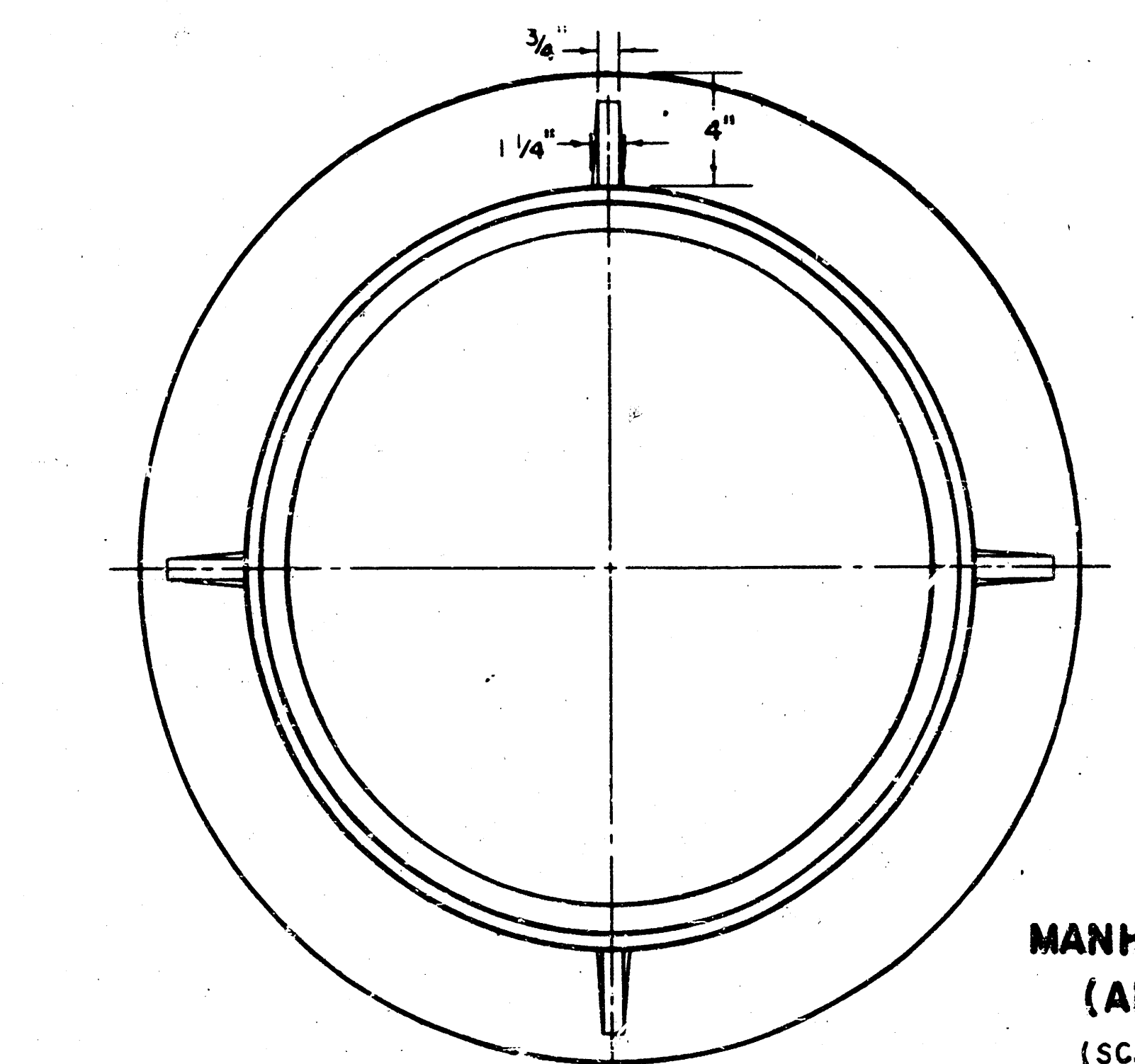
MANHOLE FRAME (SCALE 1" = 6")

WEIGHT = 180 LBS.



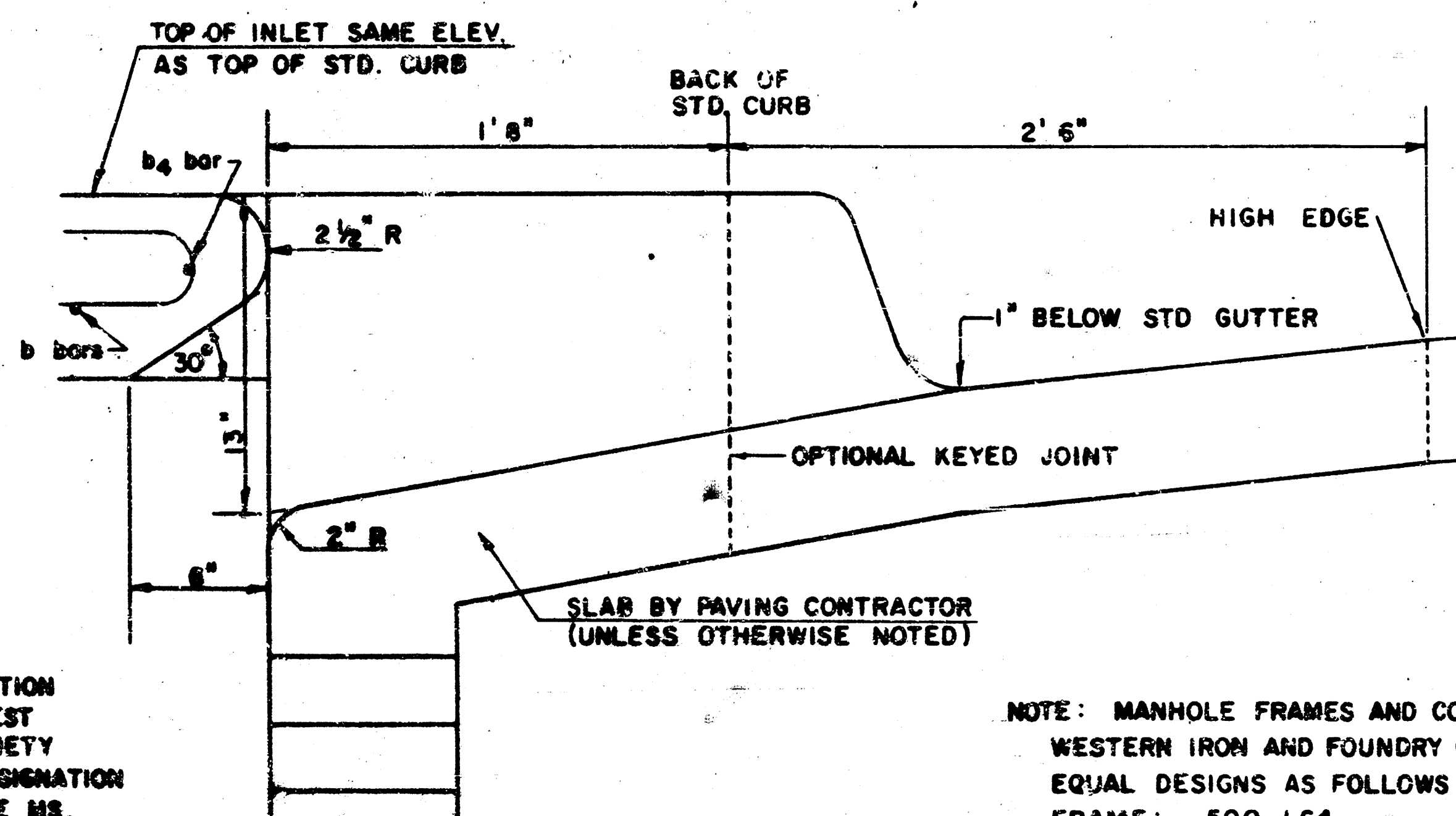
MANHOLE FRAME (ALTERNATE) (SCALE 1" = 6")

WEIGHT = 180 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: 500-L64
FRAME (ALTERNATE): 500-A4
COVER: 222-S4 "NOBBY"

STORM WATER SEWER NO. 156 (PHASE I)
PROJ. NO. 468-76-245-80725-000-000-001

DETAIL STANDARD TYPE 1A CURB INLET

CITY OF WICHITA, KANSAS

DEAN S. SELLERS-- CITY ENGINEER

OCTOBER 1978

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