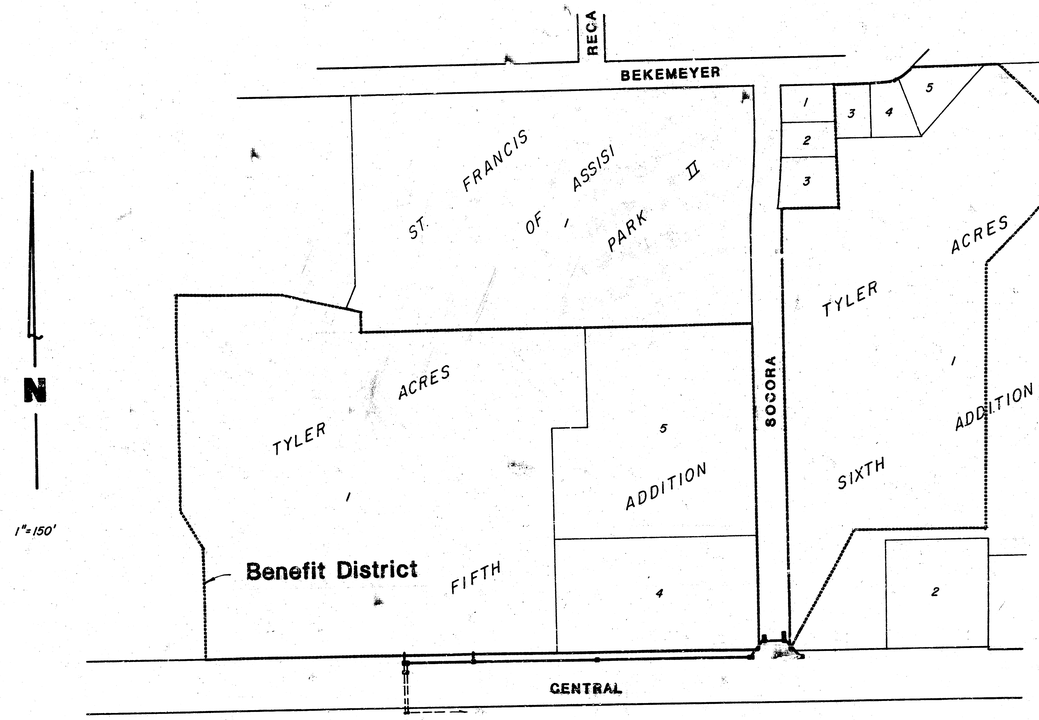
STORM WATER SEWER NO. 252

PROJECT NO.
468 76 245 81276 000 000 001



As Built Plan
9/84
M.C. Greene

R. BRENT WORTH
LICENSED
8470
KANSAS
PROFESSIONAL ENGINEER

CITY OF WICHITA, KS.

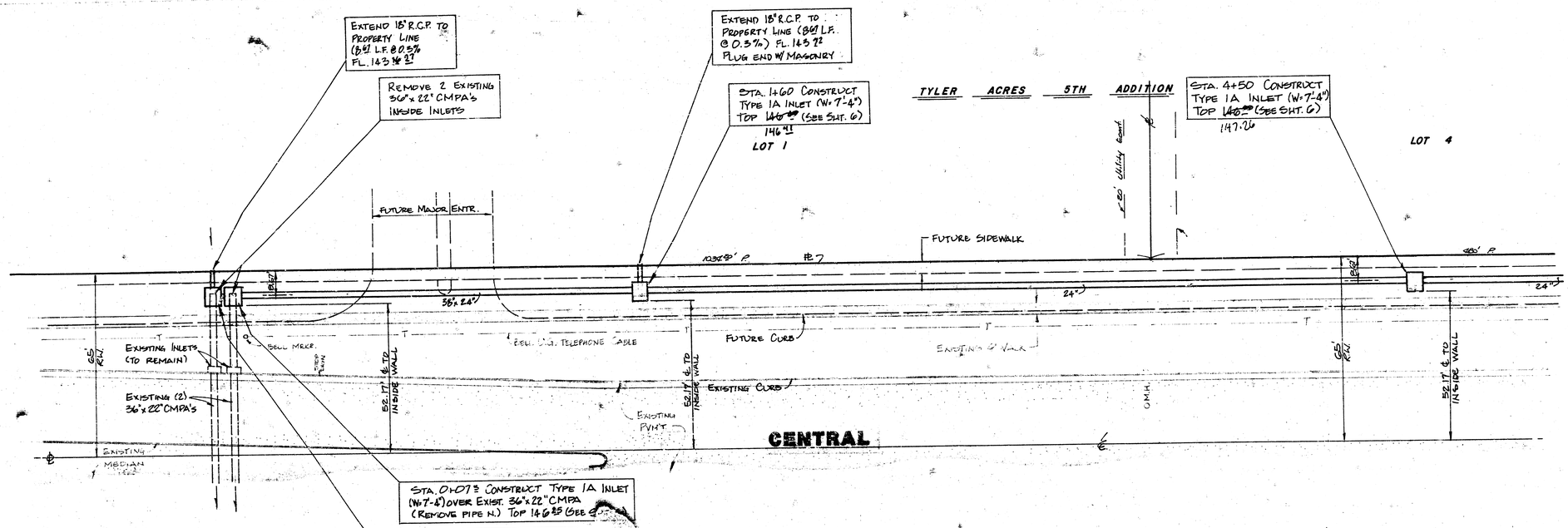
MIKE E. LINDEBAK CITY ENGINEER

General Notes, Sheet 4

MAY 84

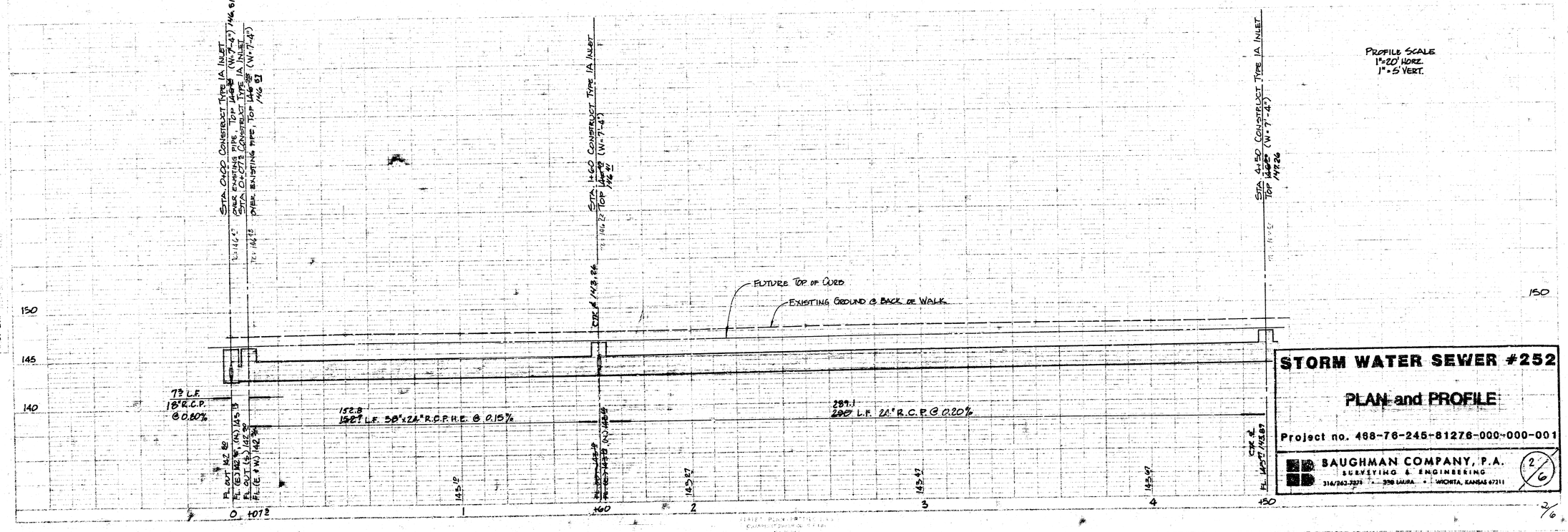
BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 330 LAURA • WICHITA, KANSAS 67211

1/6



BENCH MARK: CITY OF WICHITA DISC. 56.2' N. & 38' W. OF ℄ CENTRAL & TYLER, ELEV. 143.90

PROFILE SCALE
1"=20' HORZ.
1"=5' VERT.



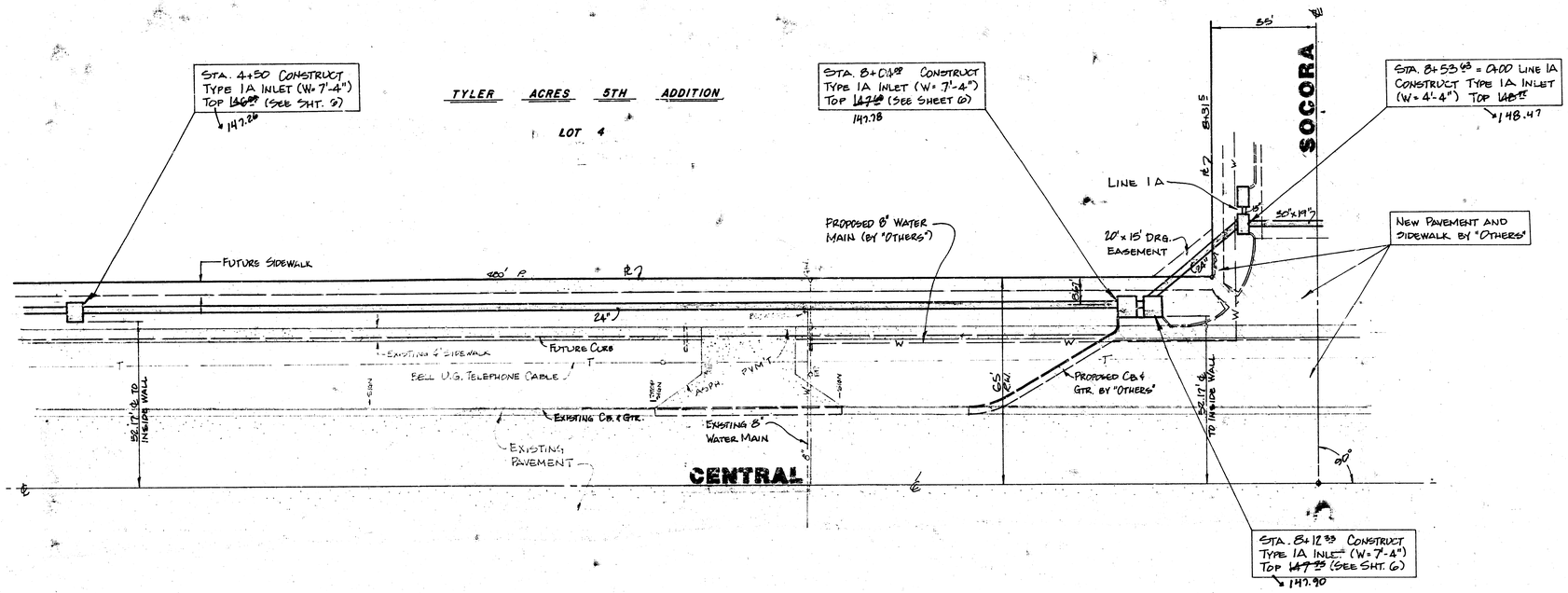
STORM WATER SEWER #252

PLAN and PROFILE

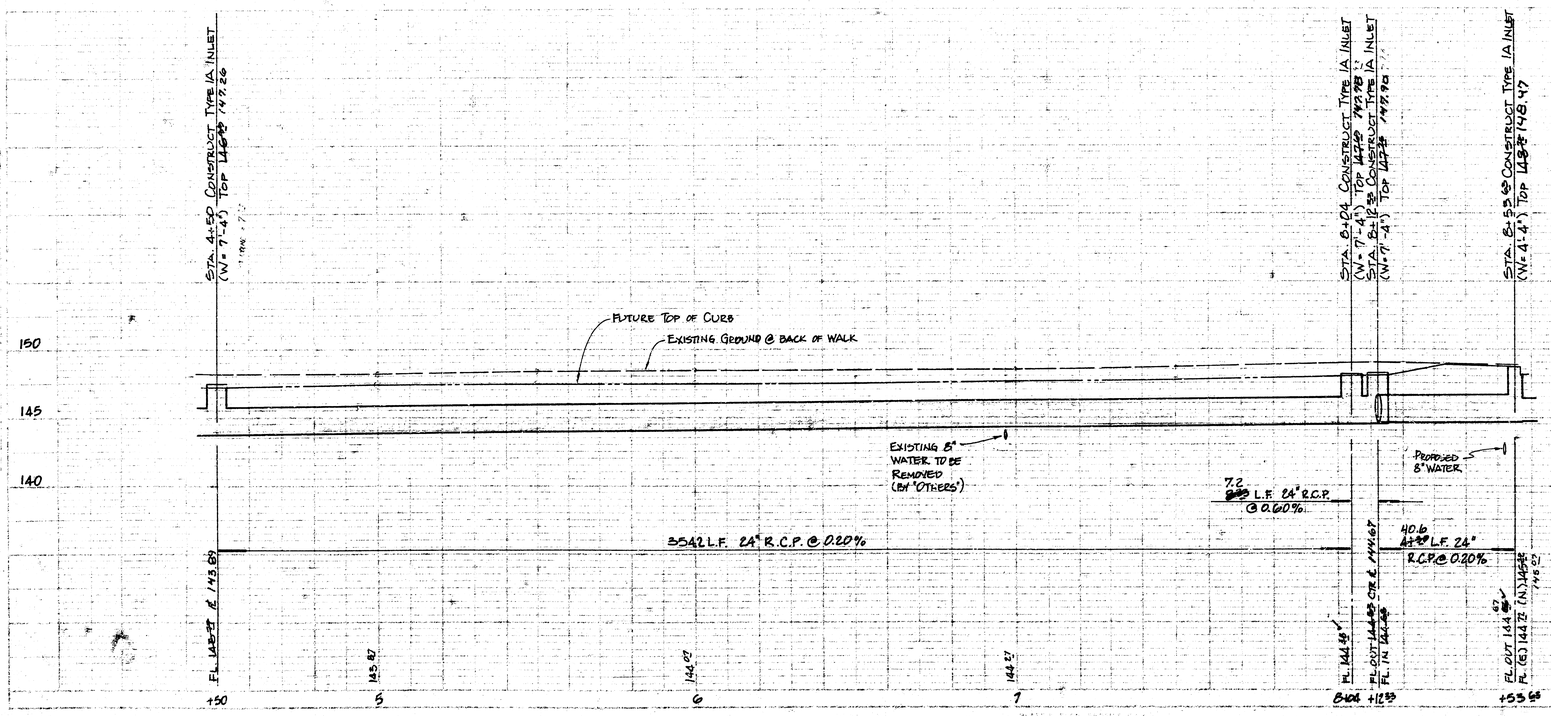
Project no. 488-76-245-81276-000-000-001

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7275 • 330 LAURA • WICHITA, KANSAS 67211

2/6



As Built Plan
9/84
M.C. Greene



PROFILE SCALE
1"=20' HORZ.
1"=5' VERT.

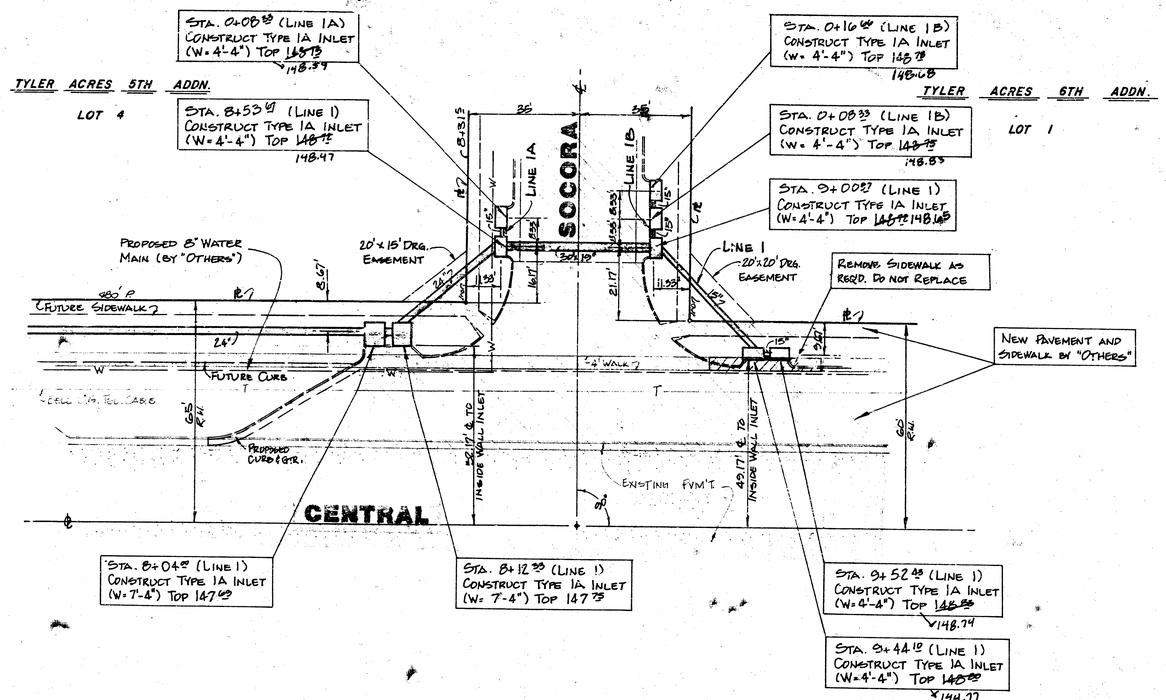
STORM WATER SEWER #252

PLAN and PROFILE

Project no. 468-76-245-81276-000-000-001

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 330 LAURA • WICHITA, KANSAS 67211

3/6



GENERAL NOTES

1. The Contractor shall be responsible for preserving property irons. The Contractor shall be required to re-establish any property irons which are destroyed by his construction operations. Sich irons shall be re-established by a licensed land surveyor or a professional engineer, according to state laws.

2. The Contractor shall co-ordinate construction with the water main contractor in order to avoid construction conflicts.

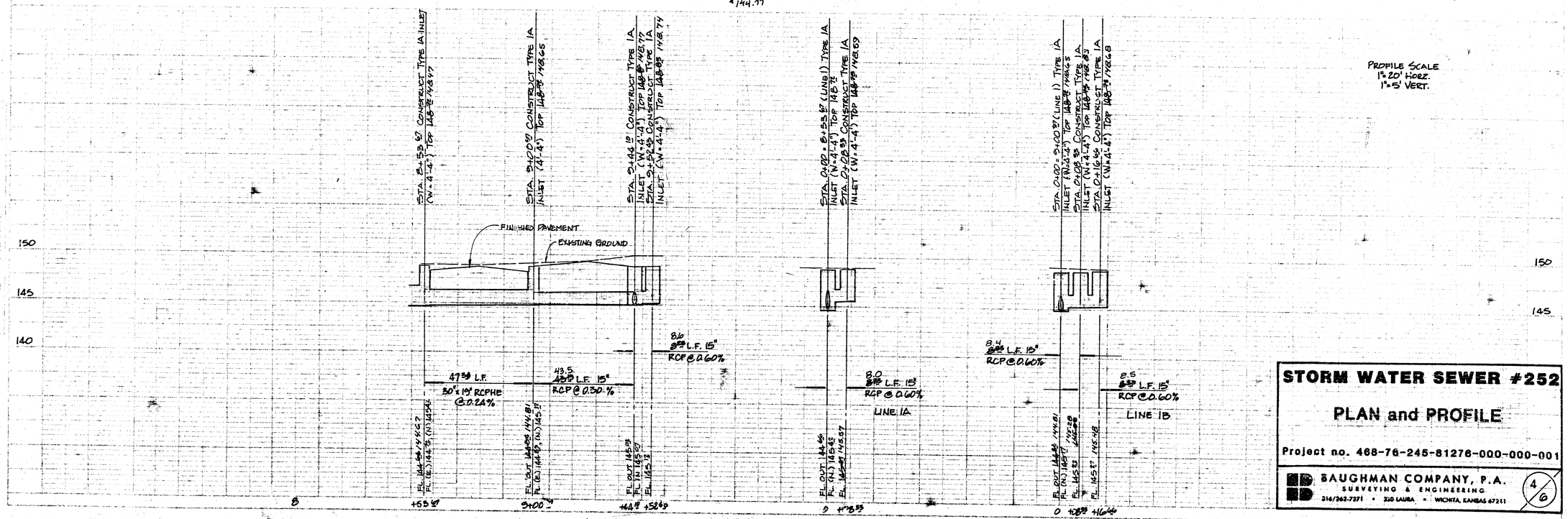
3. The Contractor shall preserve sidewalk along the north side of Central west of Socora during construction. Any such walk damaged or removed shall be replaced at the Contractor's expense. Sidewalk east of Socora may be removed only as required for inlet construction.

4. All inlets in this project along Central shall be backfilled to match existing grade. Inlet openings shall be sealed with brick masonry to prevent entry of dirt or debris.

5. Inlets from Sta. 0+00 to and including Sta. 8+12.33 shall be constructed according to Modified Details, sheet 6. All other inlets in this project shall be constructed according to Standard Details, sheet 5.

As Built Plan
9/84
MC Greene

N
1"=20'



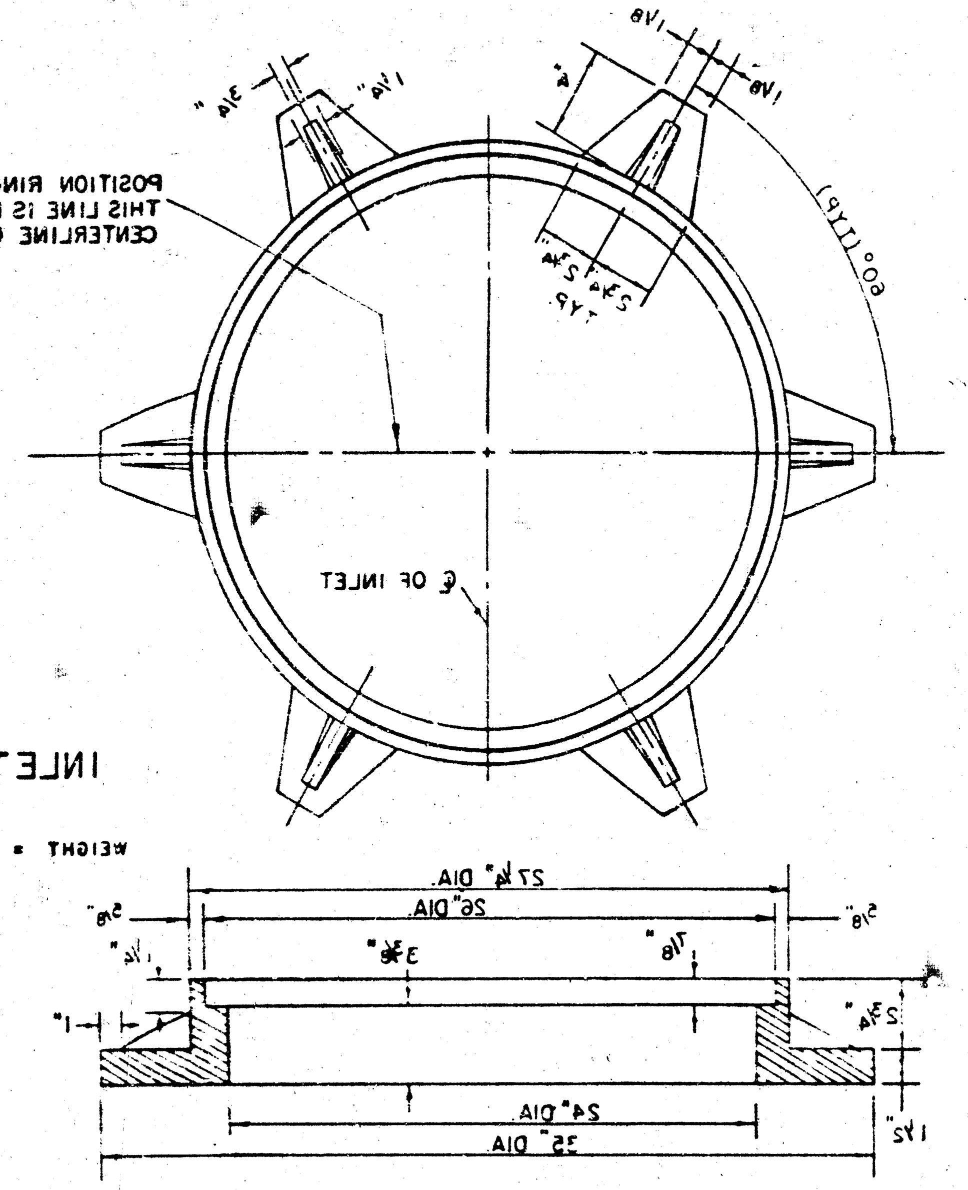
STORM WATER SEWER #252

PLAN and PROFILE

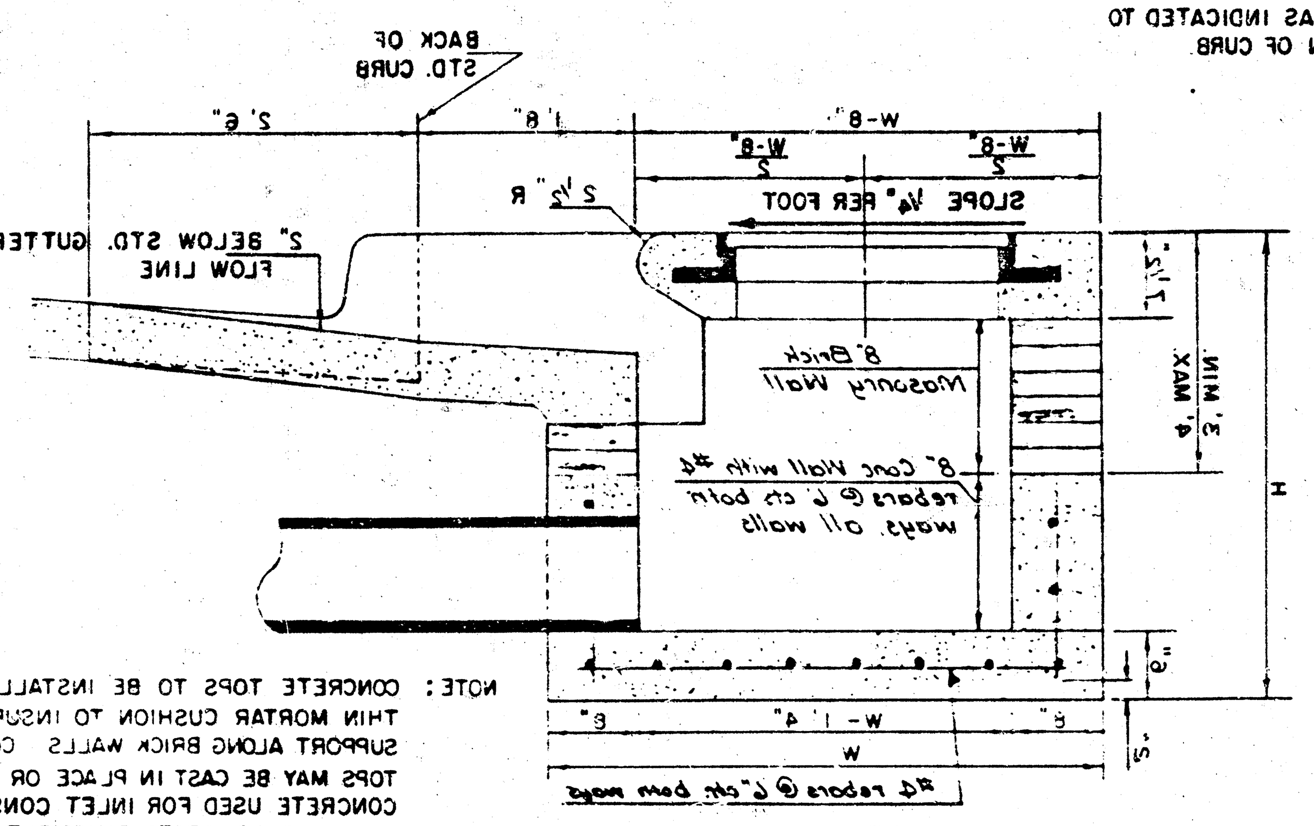
Project no. 468-76-245-81276-000-000-001

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 320 LAURA • WICHITA, KANSAS 67211

4/6



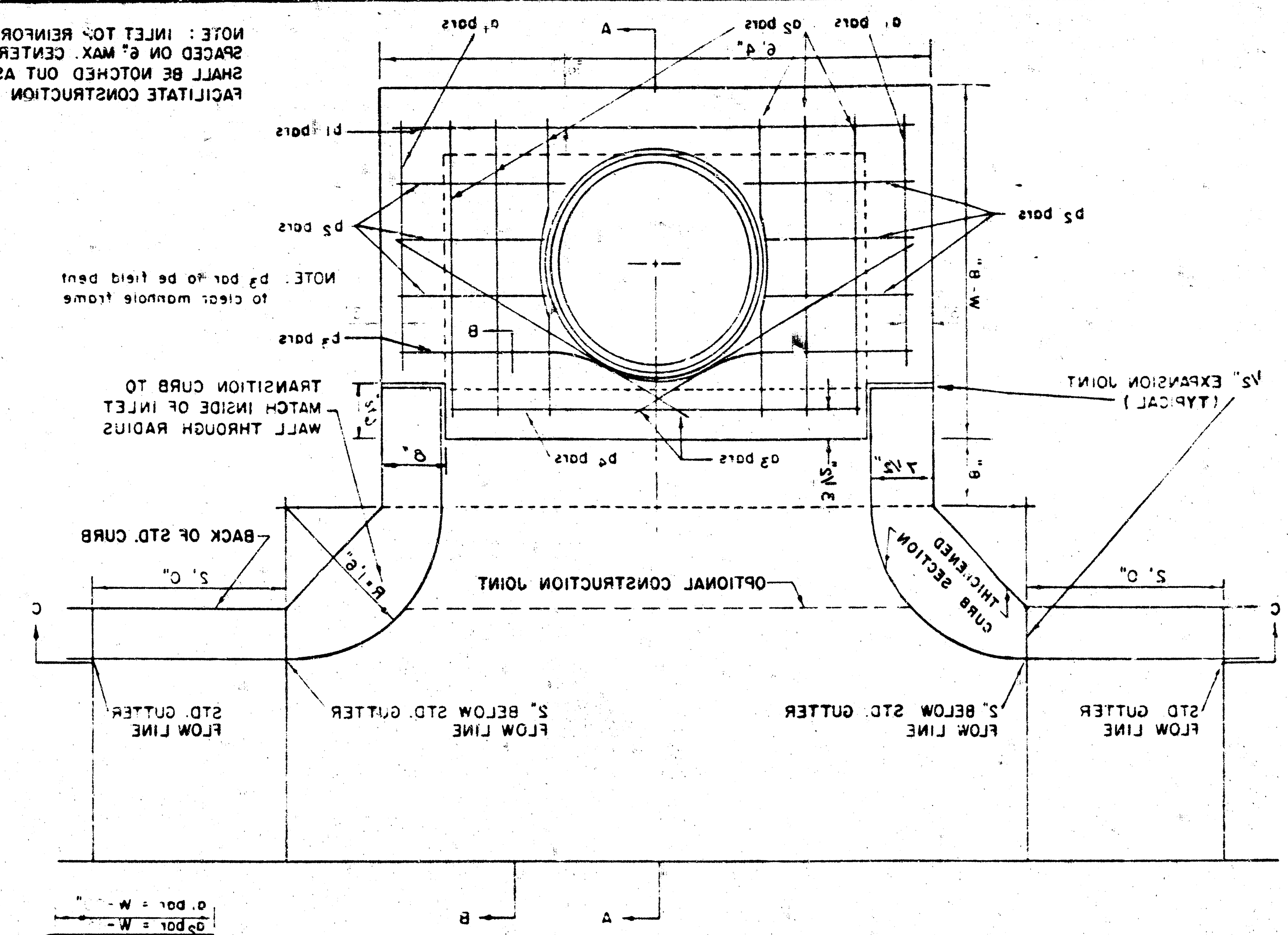
SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.



SECTION A-A

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.

NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.

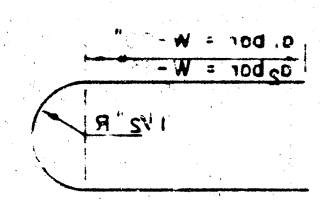


PLAN

NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 4'4" AND H = 6'0" 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.



BENDING DIAGRAM

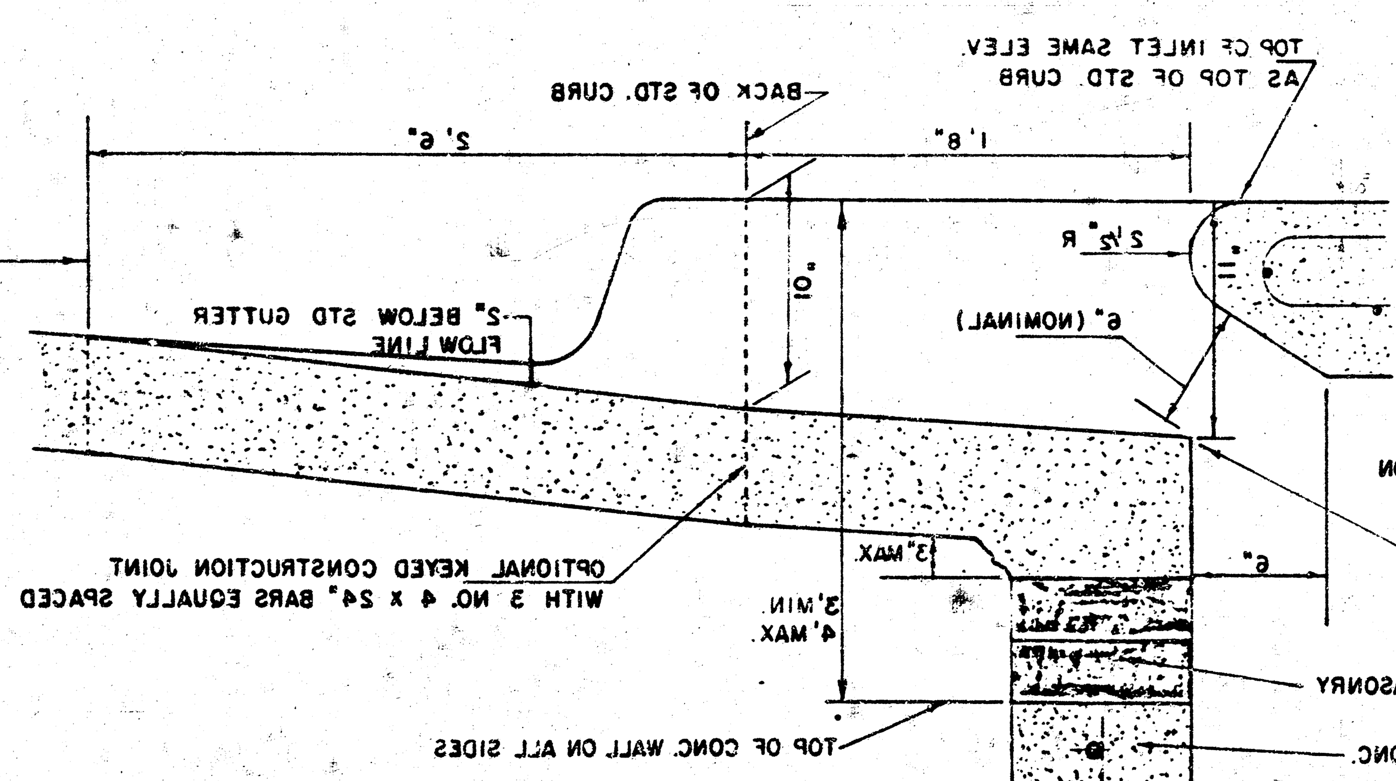
STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
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±

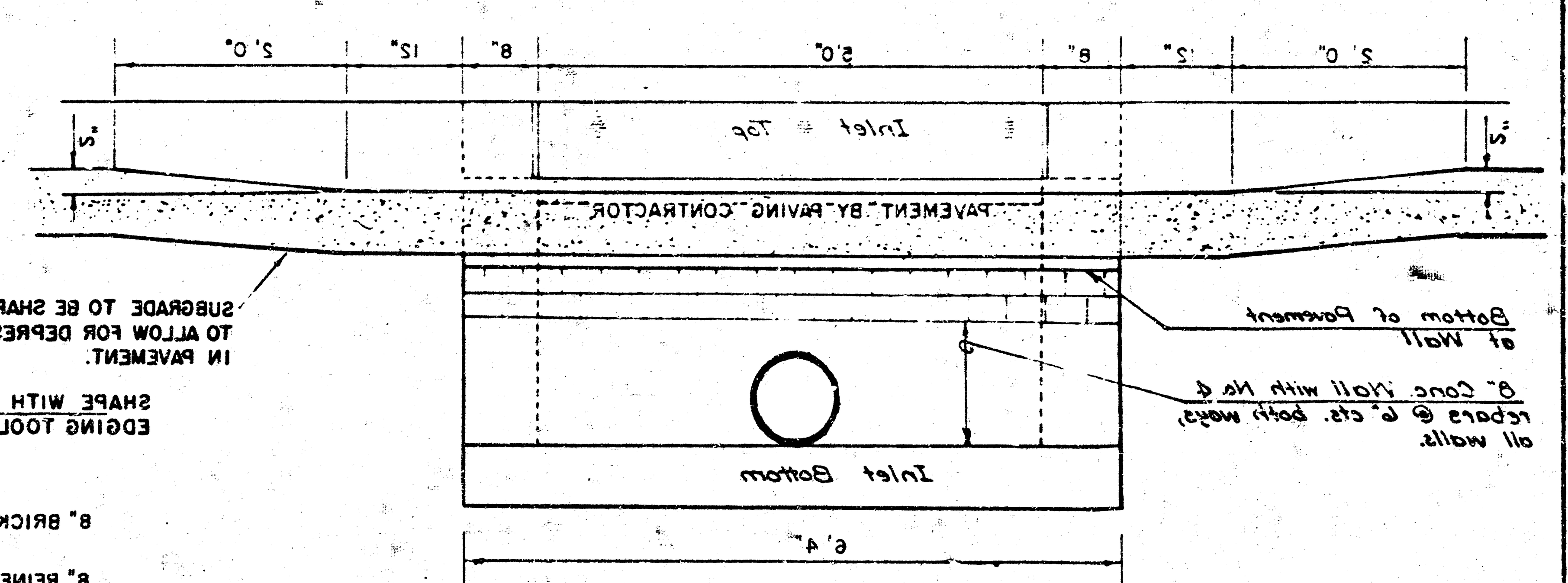
STEEL SCHEDULE

BAR		a1	a2	a3 *	b1 W=4'4"	b1 W=5'4"	b1 W=6'4"	b1 W=7'4"	b1 W=8'4"	b2	b3	b4	WT LBS.
NUMBER		4	4	2	1	3	5	7	9	6	1	1	
SIZE		#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
LENGTH	W=4'4"	"	"	4'0"	6'1"	-	-	-	-	1'9"	6'2"	4'8"	69±
	W=5'4"	"	"	5'0"	-	6'1"	-	-	-	1'9"	6'2"	4'8"	83±
	W=6'4"	"	"	6'0"	-	-	6'1"	-	-	1'9"	6'2"	4'8"	110±
	W=7'4"	"	"	7'0"	-	-	-	6'1"	-	1'9"	6'2"	4'8"	130±
	W=8'4"	"	"	8'0"	-	-	-	-	6'1"	1'9"	6'2"	4'8"	150±

* NOTE: a3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER



SECTION B-B



SECTION C-C

Project No. 408-76-248-6127E-000-00041

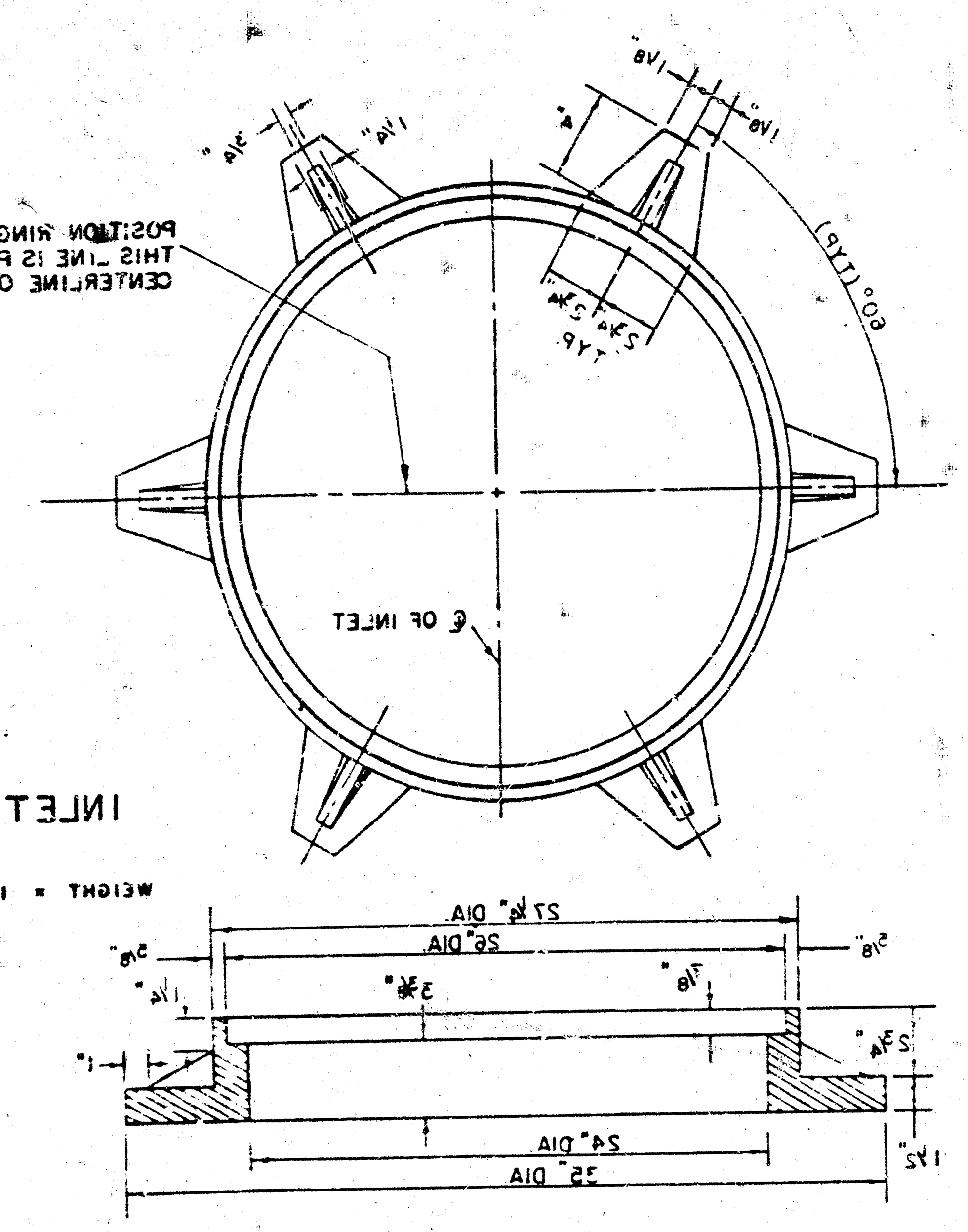
DETAIL STANDARD TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6" x 5'0"

MARCH 1964

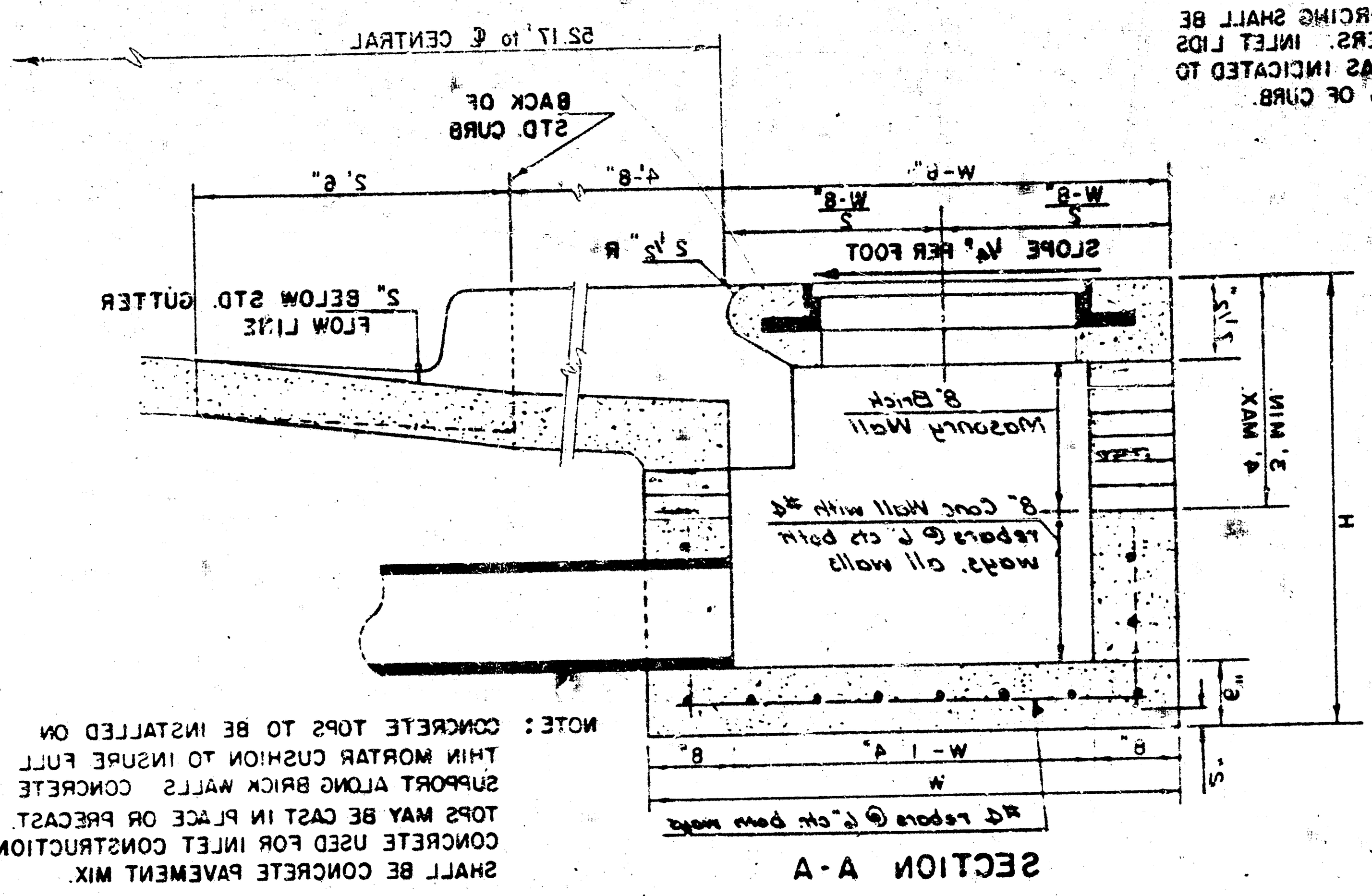
5/6



INLET FRAME

WEIGHT = 180 LBS.

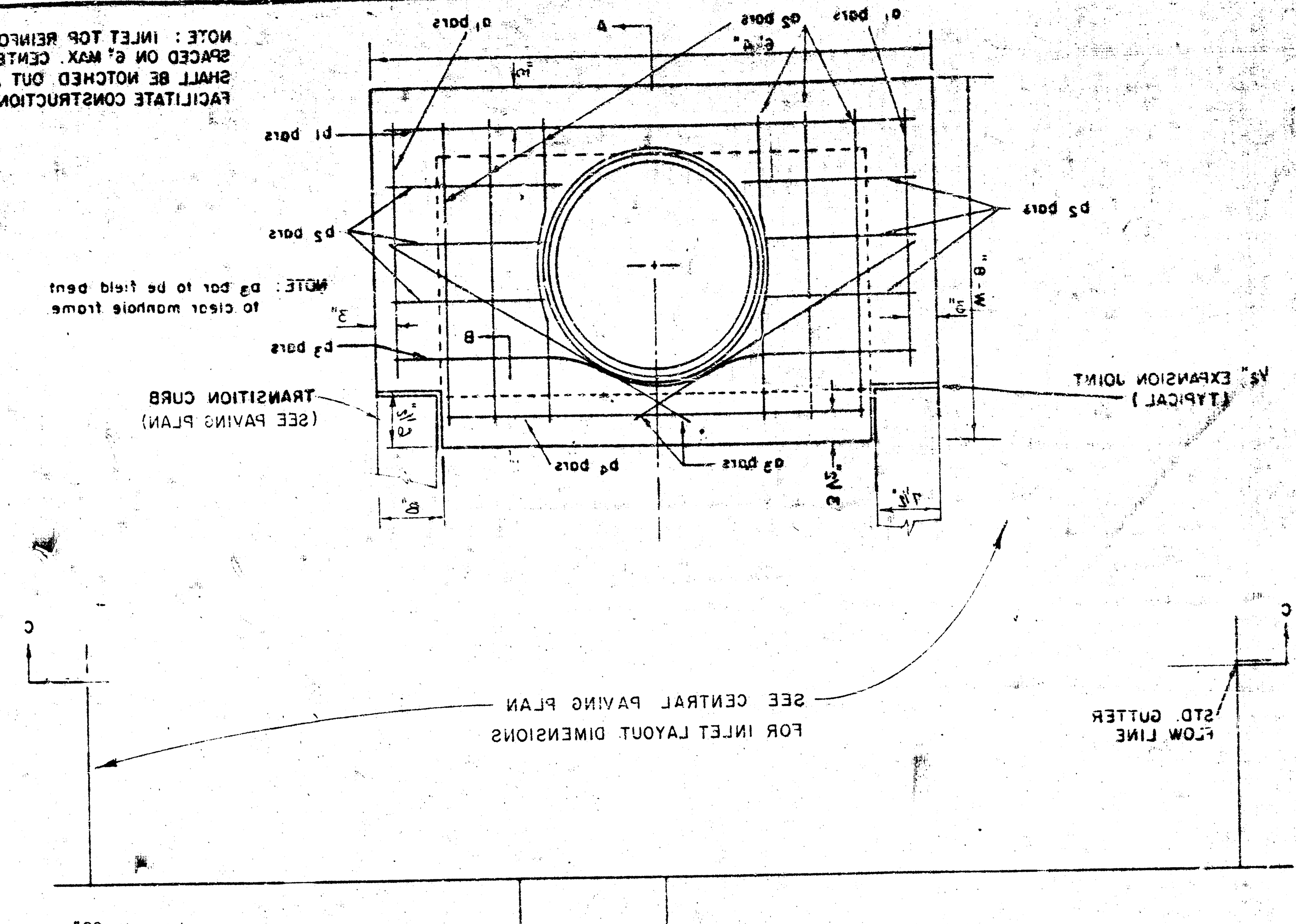
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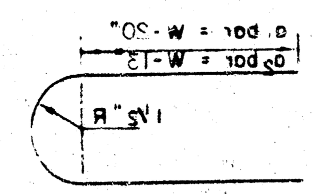


PLAN

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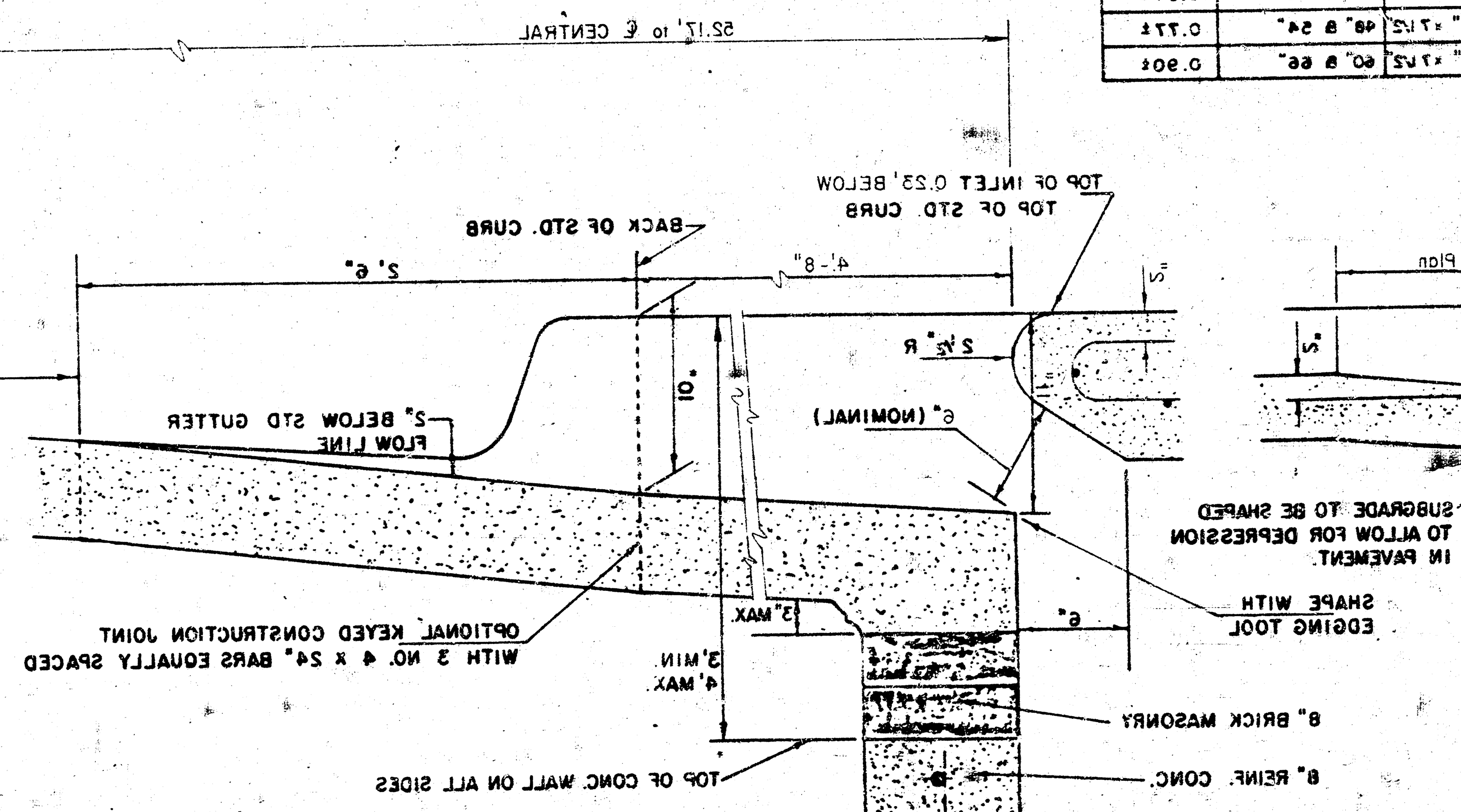
STEEL SCHEDULE

BAR	a1	a2	a3*	b1					b2	b3	b4	WT LBS
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SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
LENGTH W=4'4"	5'9"	6'11"	4'0"	6'1"	–	–	–	–	1'9"	6'2"	4'8"	69±
LENGTH W=5'4"	7'9"	8'11"	5'0"	–	6'1"	–	–	–	1'9"	6'2"	4'8"	83±
LENGTH W=6'4"	9'9"	10'11"	6'0"	–	–	6'1"	–	–	1'9"	6'2"	4'8"	110±
LENGTH W=7'4"	11'9"	12'11"	7'0"	–	–	–	6'1"	–	1'9"	6'2"	4'8"	130±
LENGTH W=8'4"	13'9"	14'11"	8'0"	–	–	–	–	6'1"	1'9"	6'2"	4'8"	150±

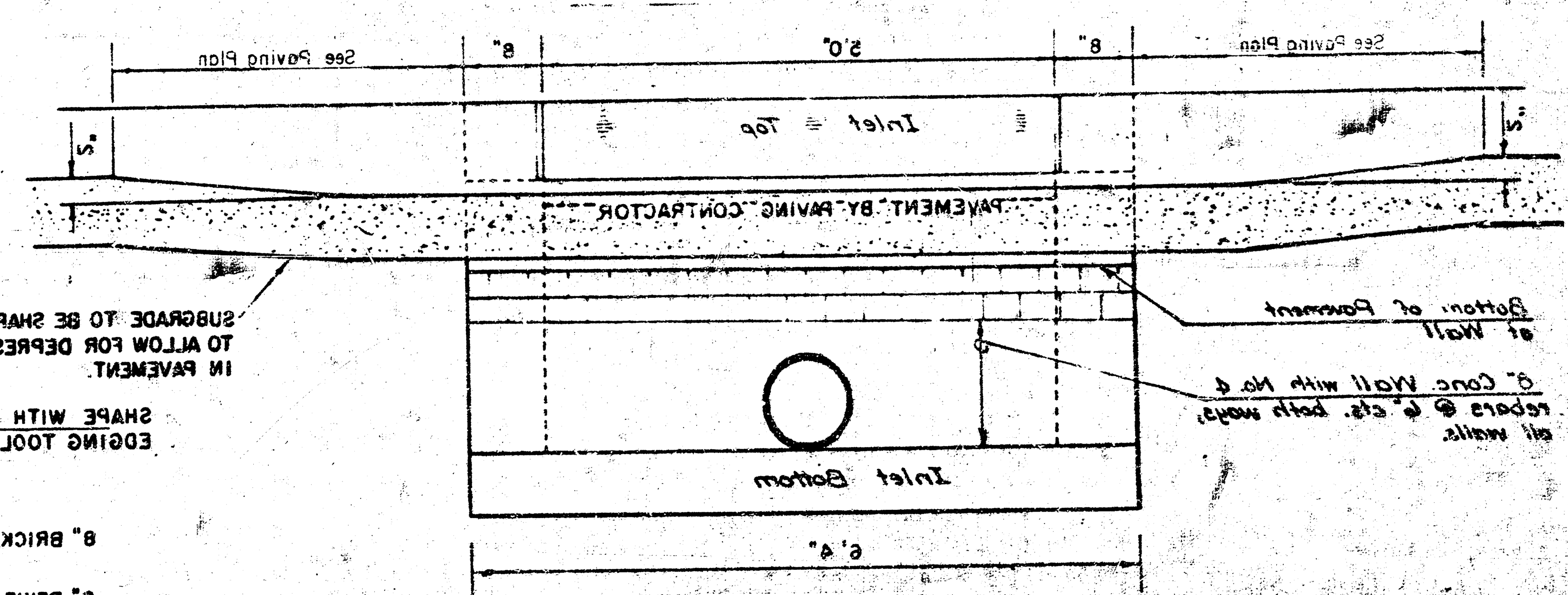
* NOTE: a_3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

STANDARD CURB INLET PRECAST TOPS

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SECTION B-B



SECTION C-C

Project no. 468-76-245-81276-000-000-001

DETAIL MODIFIED TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6" x 5'0"

MARCH 1984

6/6

14 8 3 2

FILMED FROM THE BEST