

STORM SEWER IMPROVEMENTS FOR TOWNE PARC ADDITION

PROJECT NO.

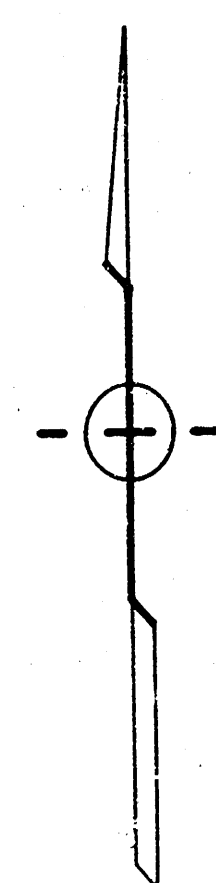
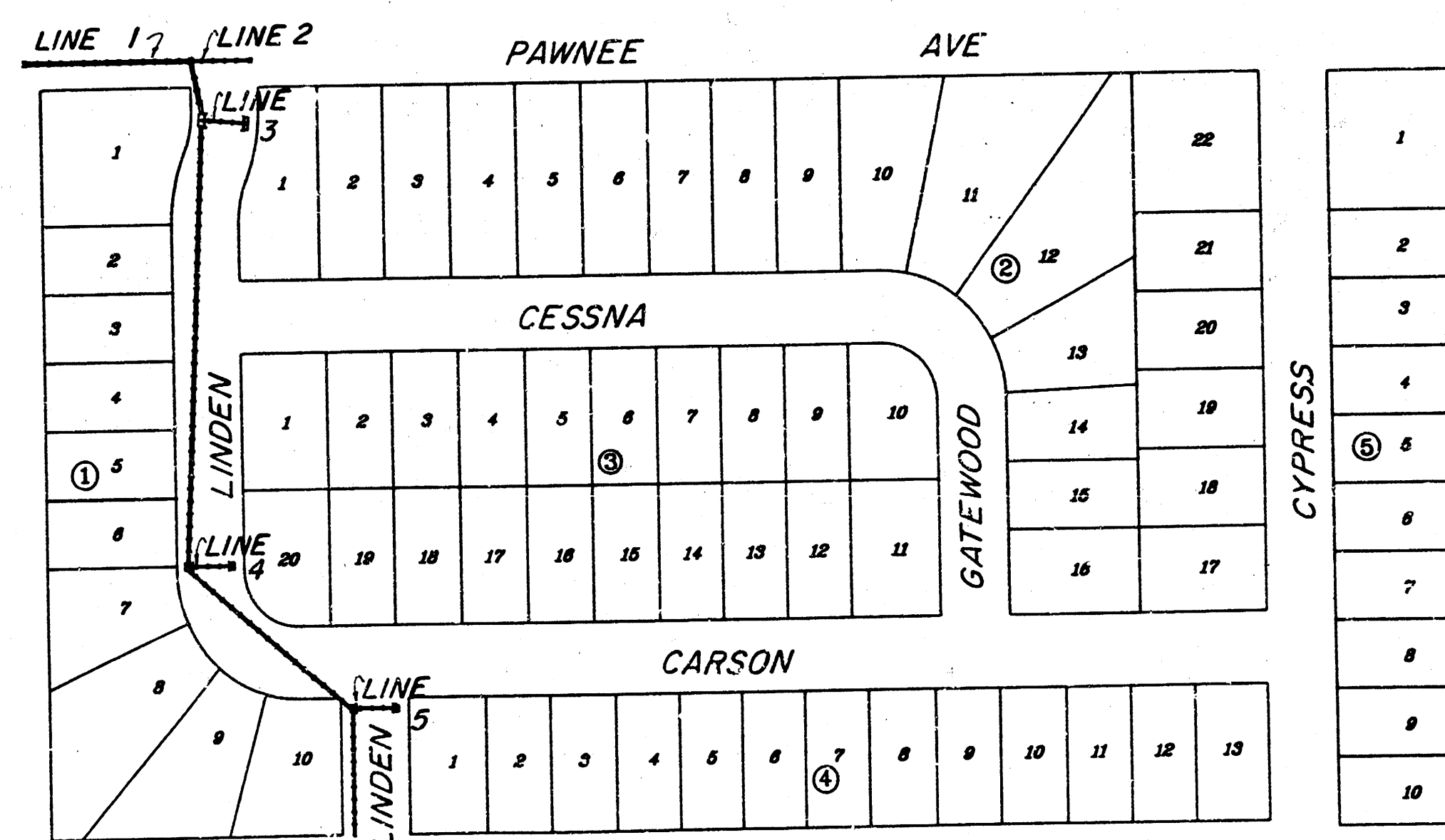
468-76-245-80001-000-000-146

INDEX TO DRAWINGS

SH. NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1, LINE 2, LINE 3 PLAN - PROFILE
3	LINE 1, PLAN - PROFILE
4	LINE 1, LINE 4, LINE 5 PLAN - PROFILE
5	I-A INLET DETAIL L = 6' 4"
6	I-A INLET DETAIL L = 11' 4"

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK CITY ENGINEER



BENCH MARKS
Standard City Disk 2 feet east and 48 feet south
of the N.W. Corner, N.E. Quarter, Section 5-28-2E
Elevation = 192.20 City Datum.
Step Bench in south face of power pole, 591 feet
east and 39 feet south of the N.W. Corner, N.E.
Quarter, Section 5-28-2E, Elevation = 200.13

SCALE 1" = 150'

LOCATION MAP

GENERAL NOTES

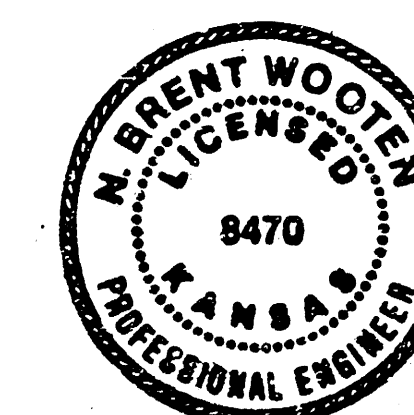
- Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from the various utility companies and is either from company record drawings or company provided, field locations. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- The Contractor shall notify pipeline companies at least 24 hours in advance of work being performed across and/or adjacent to pipelines.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state law.
- The Contractor shall use extreme care when working around the existing Southwestern Bell Underground Fiber Optic Cable and the Existing Conoco Gas Pipeline. Extreme Caution shall be exercised when excavating in the vicinity of these underground lines.
- THE CONTRACTOR SHALL NOTIFY ALL RESIDENTS OF HEDGECLIFF 2ND ADDITION 24 HOURS PRIOR TO THE SHUTDOWN OF THE 16 INCH WATER MAIN.

NOTICE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATION of the CITY OF WICHITA. The CONTRACTOR will pay the City Engineer for a review of plan review, inspection and working plan contract.

NOTICE TO BE NOTED
CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 2/3/88
Driveway Approaches _____
Water Main _____
Other _____



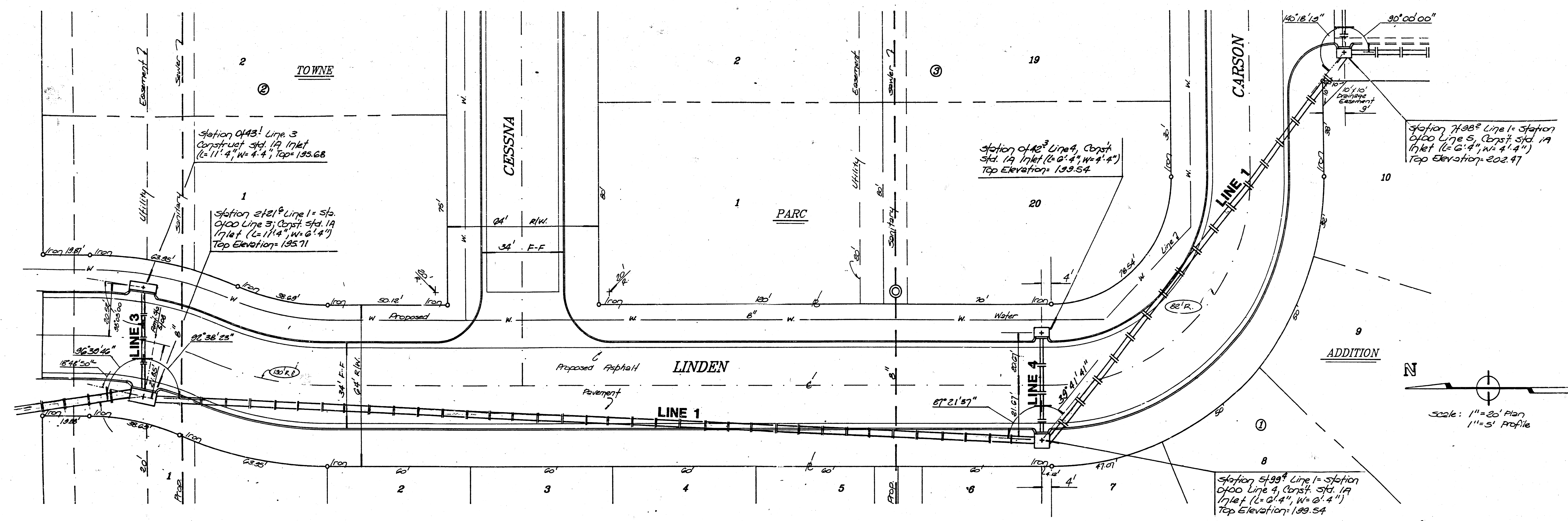
Revised: Thrust Block R/R Detail (5/13/88) CMB
Revised Line 1 Beginning Sta. to 0+08 (5-3-88) TCR
Rev. 2/13/88
DATE Feb. 8, 1988

BAUGHMAN COMPANY P. A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

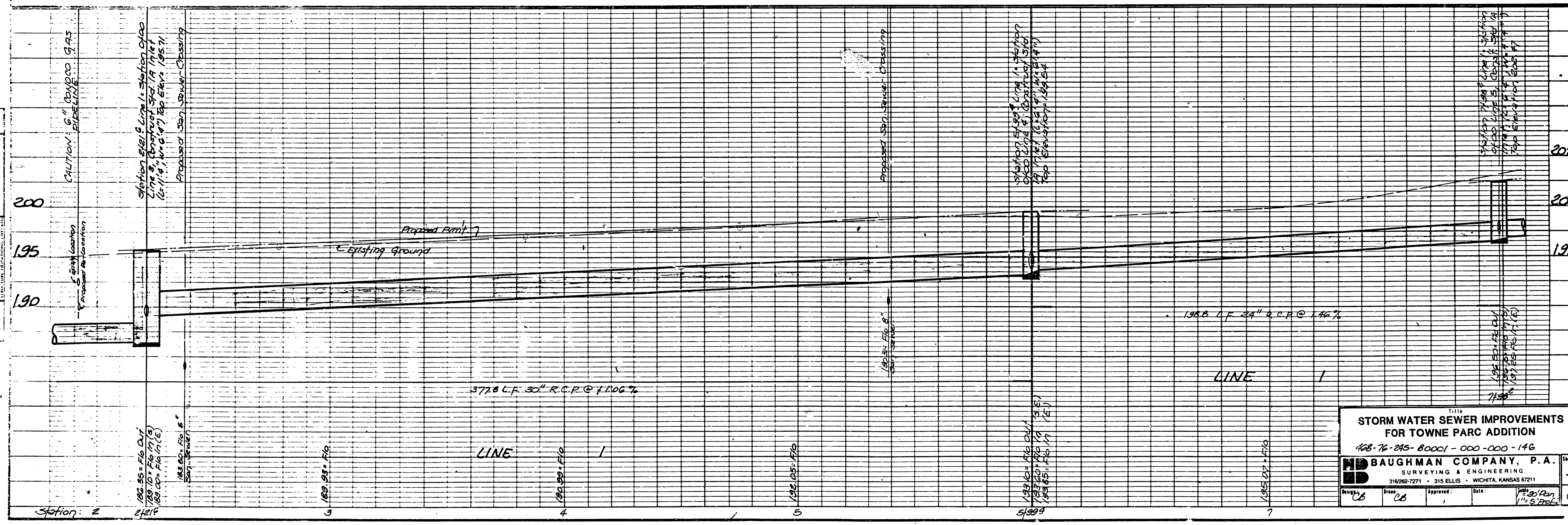
3 HRS.

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PLAN	DATE	BY	CHKD
10/1/78	10/1/78	10/1/78	10/1/78



PROFILE	DATE	BY	CHKD
10/1/78	10/1/78	10/1/78	10/1/78



STORM WATER SEWER IMPROVEMENTS
FOR TOWNE PARC ADDITION

168-76-245-80001-000-000-146

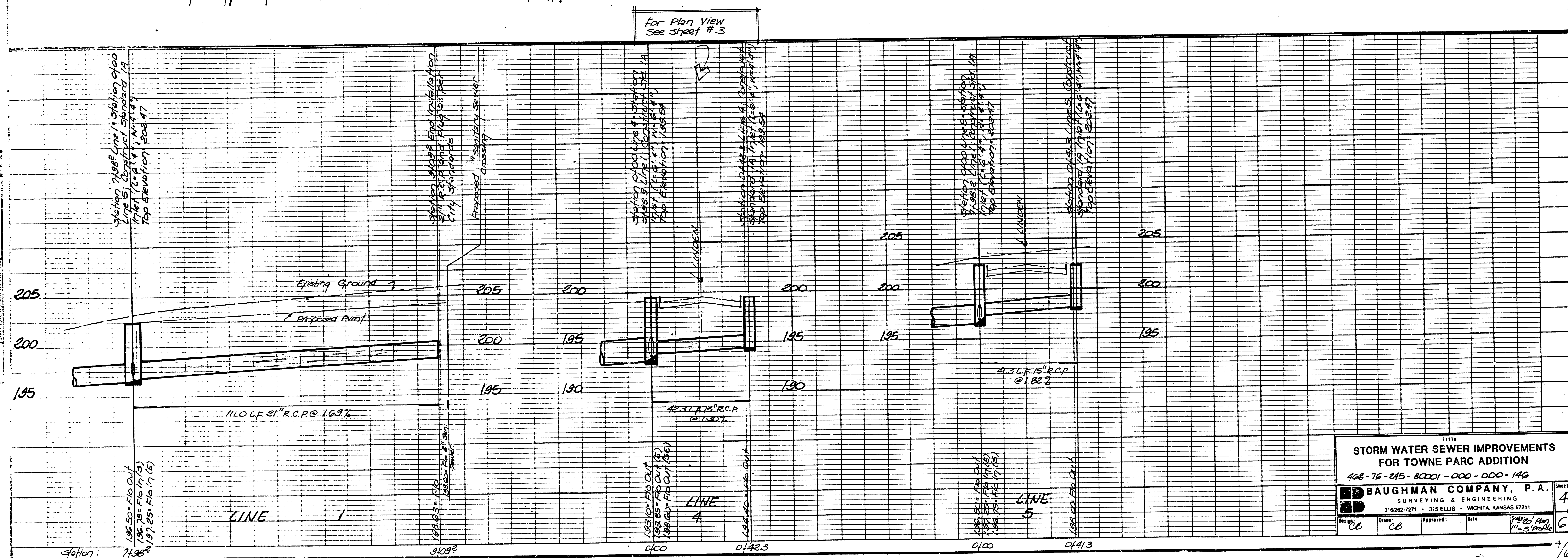
BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
315/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Design: CB Drawn: CB Approved: Date: 10/1/78

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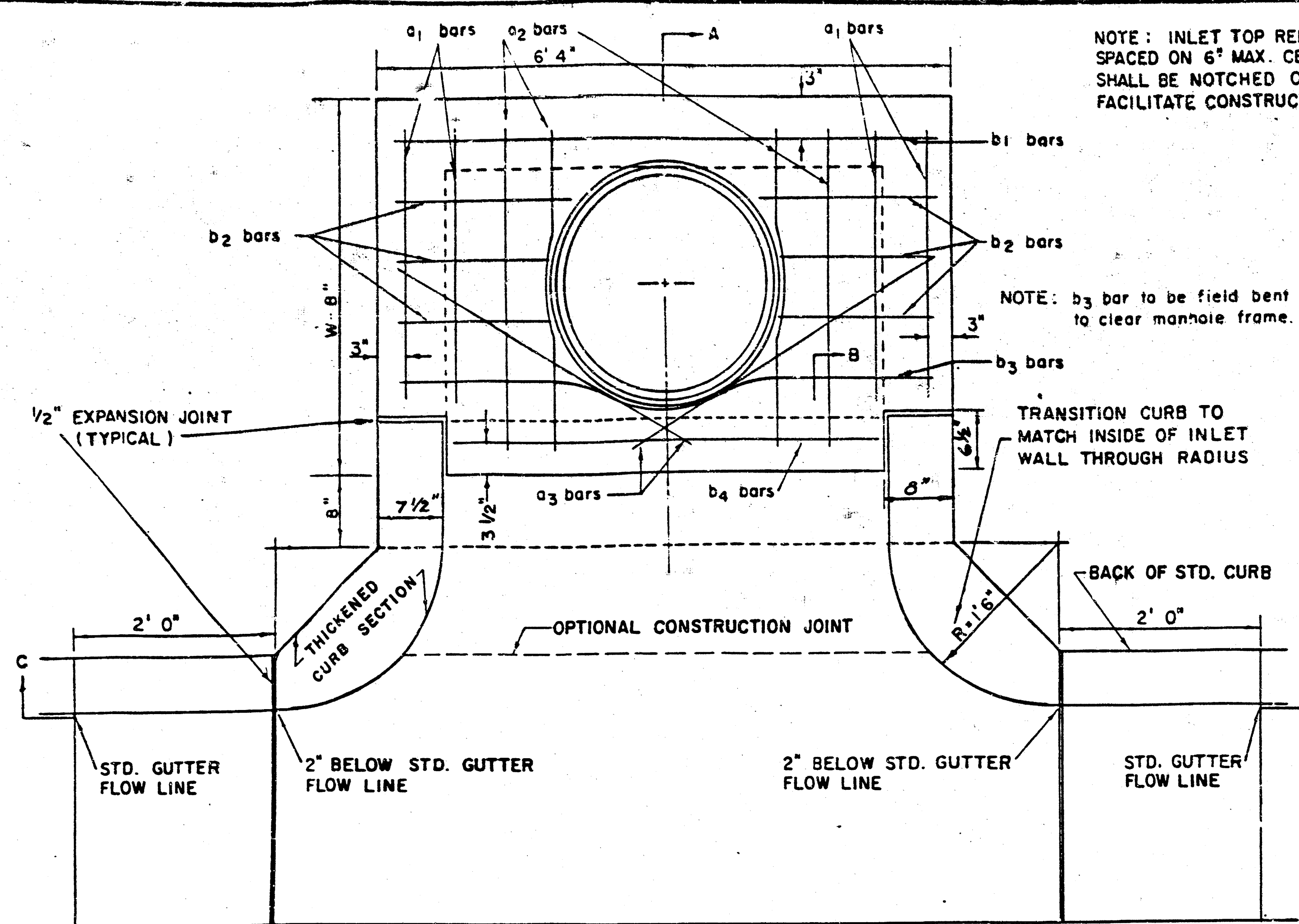
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1	10/1/83	CB	CB
2	10/1/83	CB	CB
3	10/1/83	CB	CB
4	10/1/83	CB	CB
5	10/1/83	CB	CB
6	10/1/83	CB	CB
7	10/1/83	CB	CB
8	10/1/83	CB	CB
9	10/1/83	CB	CB
10	10/1/83	CB	CB

PROFILE	DATE	BY	CHKD
1	10/1/83	CB	CB
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5	10/1/83	CB	CB
6	10/1/83	CB	CB
7	10/1/83	CB	CB
8	10/1/83	CB	CB
9	10/1/83	CB	CB
10	10/1/83	CB	CB



**STORM WATER SEWER IMPROVEMENTS
FOR TOWNE PARC ADDITION**
 468-76-245-80001-000-000-146
BAUGHMAN COMPANY, P.A.
 SURVEYING & ENGINEERING
 316-282-7271 • 315 ELLIS • WICHITA, KANSAS 67211
 Date: 10/1/83
 Sheet: 4 of 6

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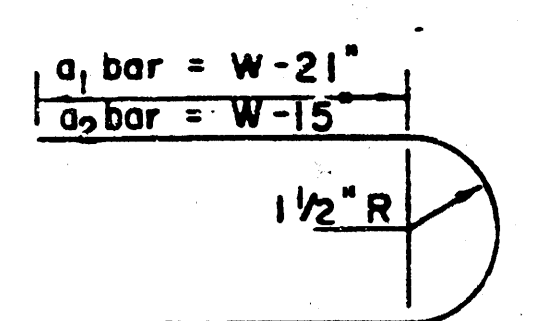


STEEL SCHEDULE

BAR	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	b ₄	WT. LBS.
NUMBER	4	4	2	1	3	5	7	
SIZE	*4	*4	*4	*4	*4	*4	*4	
LENGTH	W=4'4"	5'7"	6'7"	4'0"	6'1"	-	-	
	W=5'4"	7'7"	8'7"	5'0"	-	6'1"	-	
	W=6'4"	9'7"	10'7"	6'0"	-	6'1"	-	
	W=7'4"	11'7"	12'7"	7'0"	-	6'1"	-	
	W=8'4"	13'7"	14'7"	8'0"	-	6'1"	-	

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

BENDING DIAGRAM



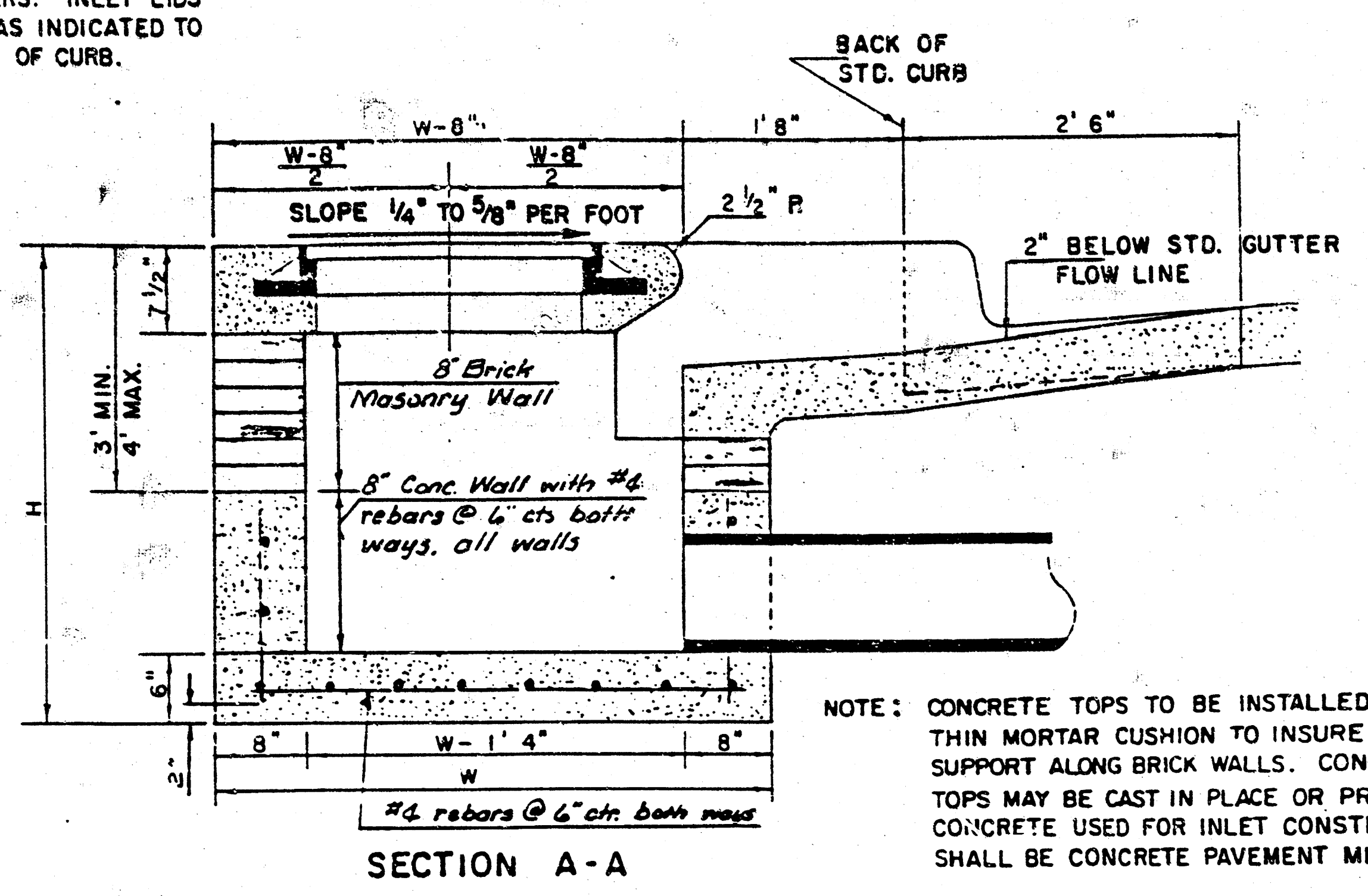
STANDARD CURB INLET PRECAST TOPS

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 ±

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

NOTE: b₃ bar to be field bent to clear manhole frame.

TRANSITION CURB TO MATCH INSIDE OF INLET WALL THROUGH RADIUS



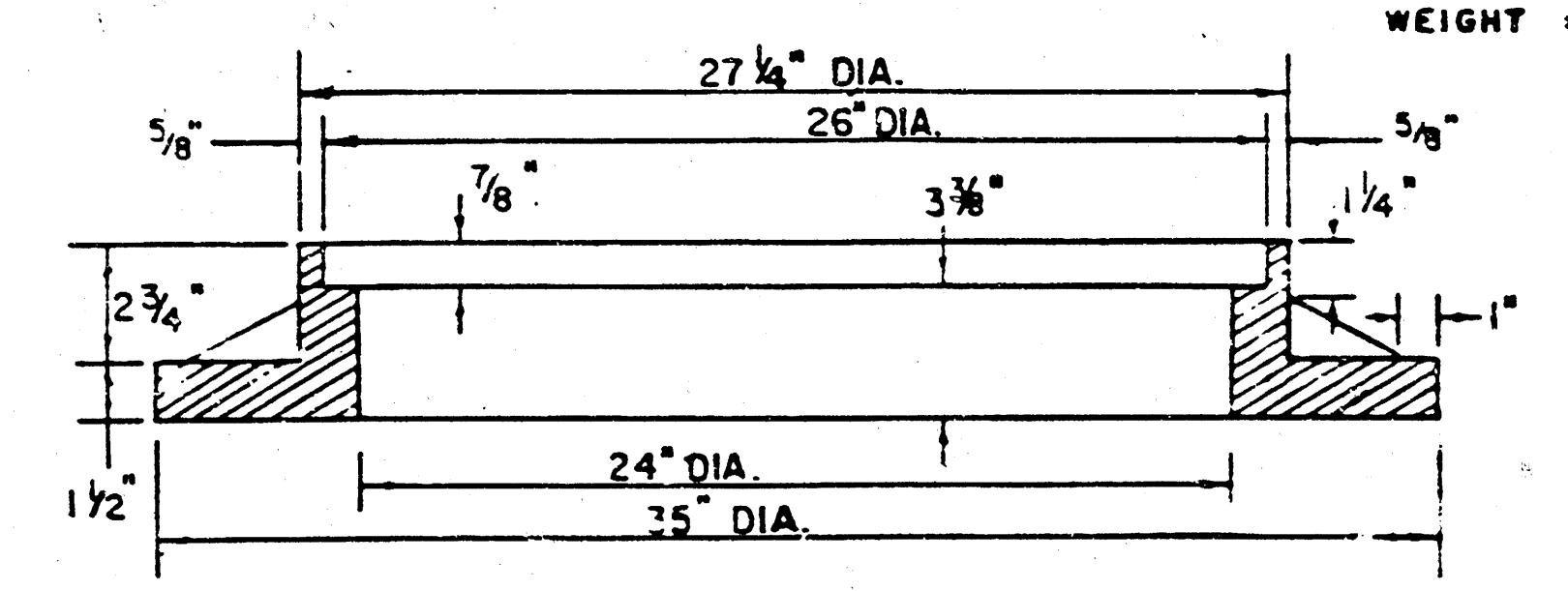
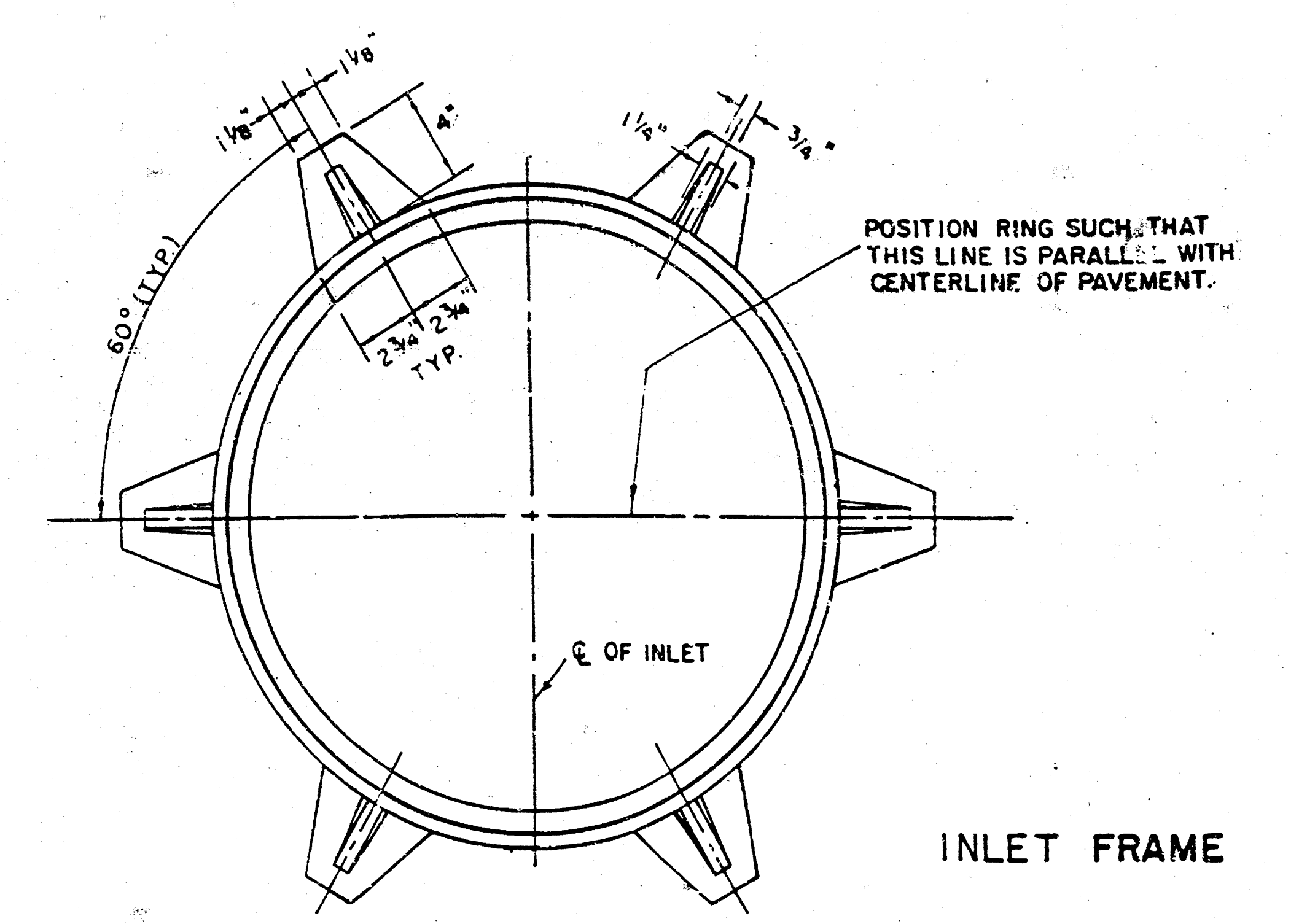
NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.

NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 6' 4" AND H = 7' 0" OR LESS.

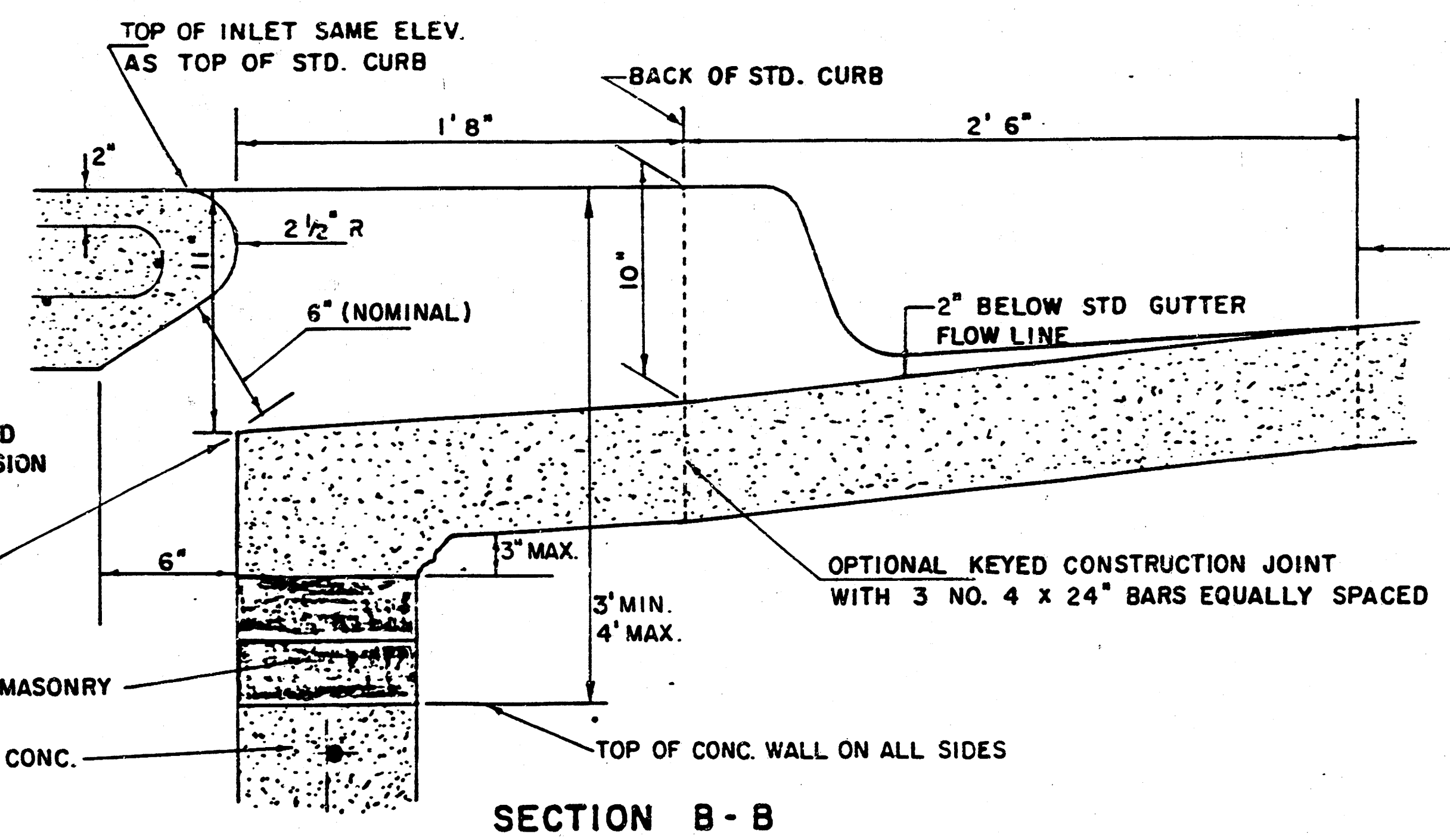
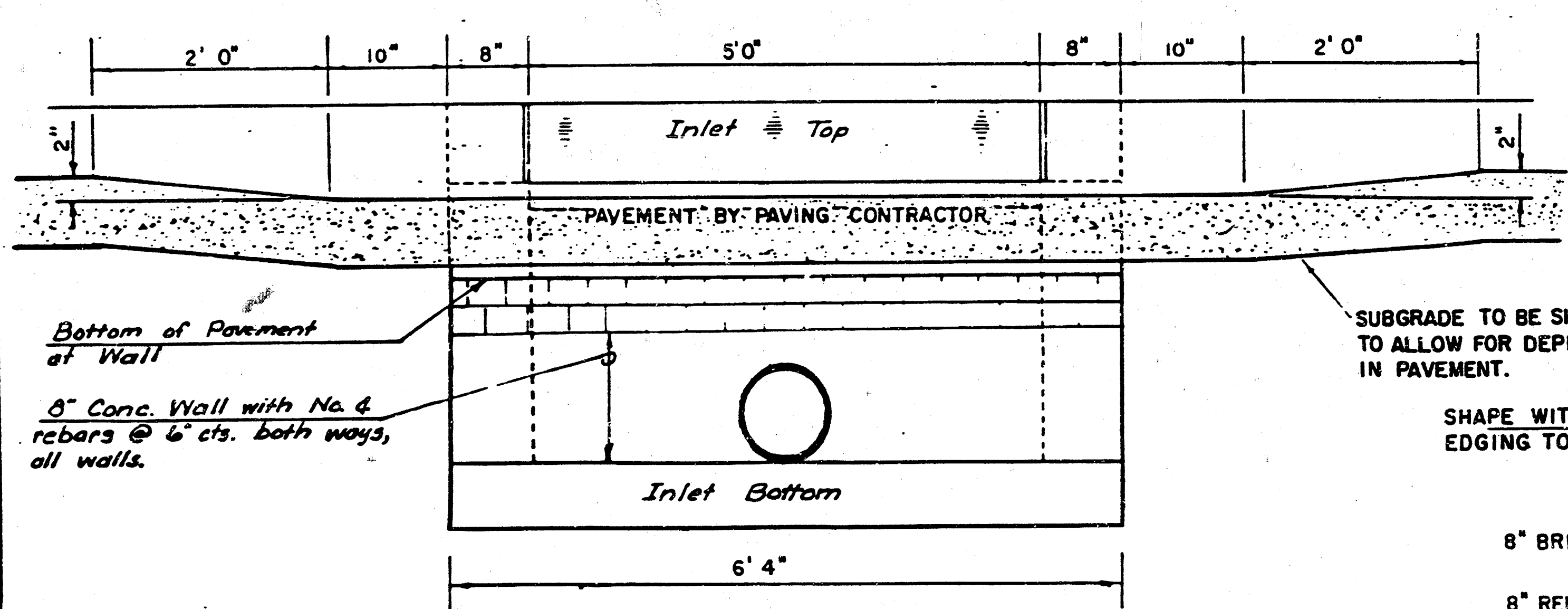
ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

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.

THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.



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

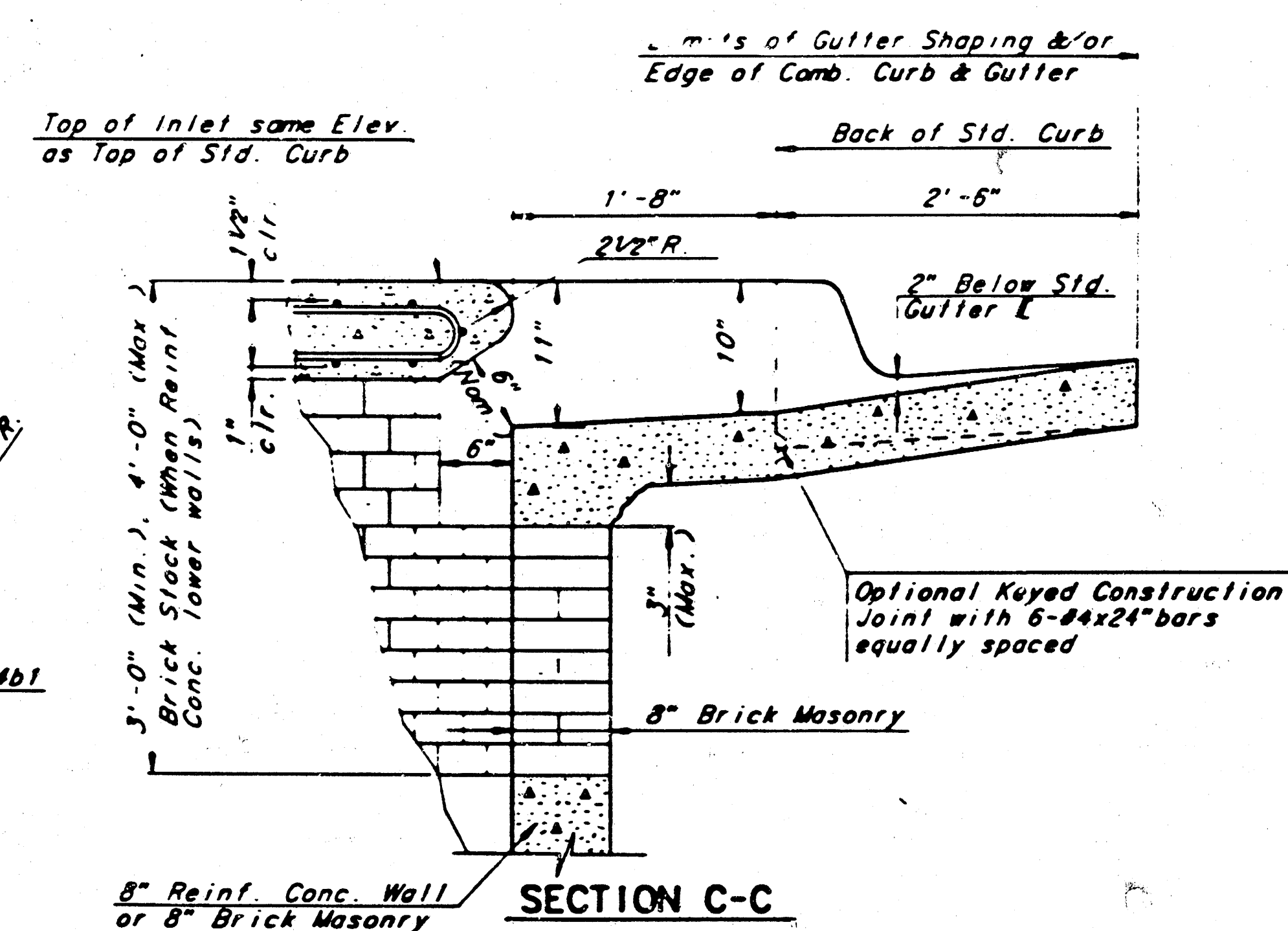
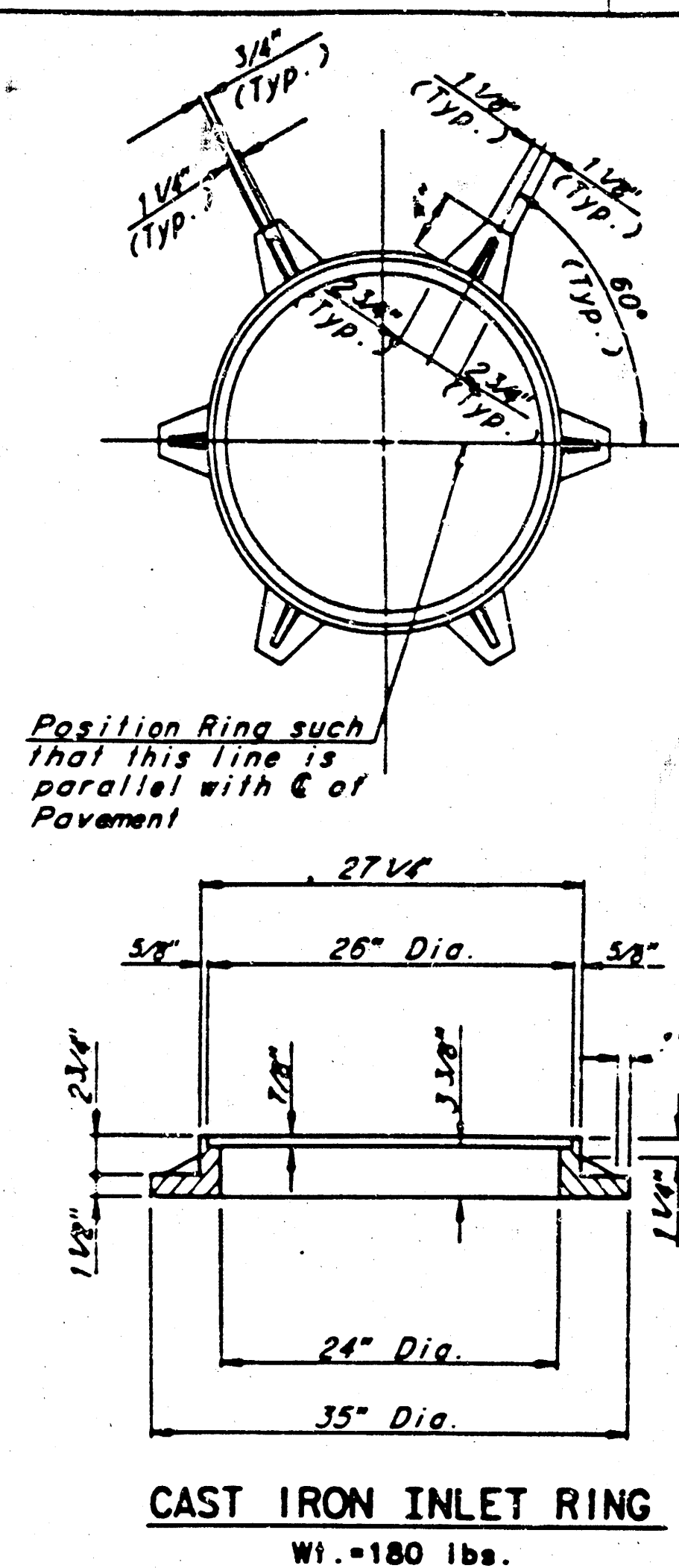
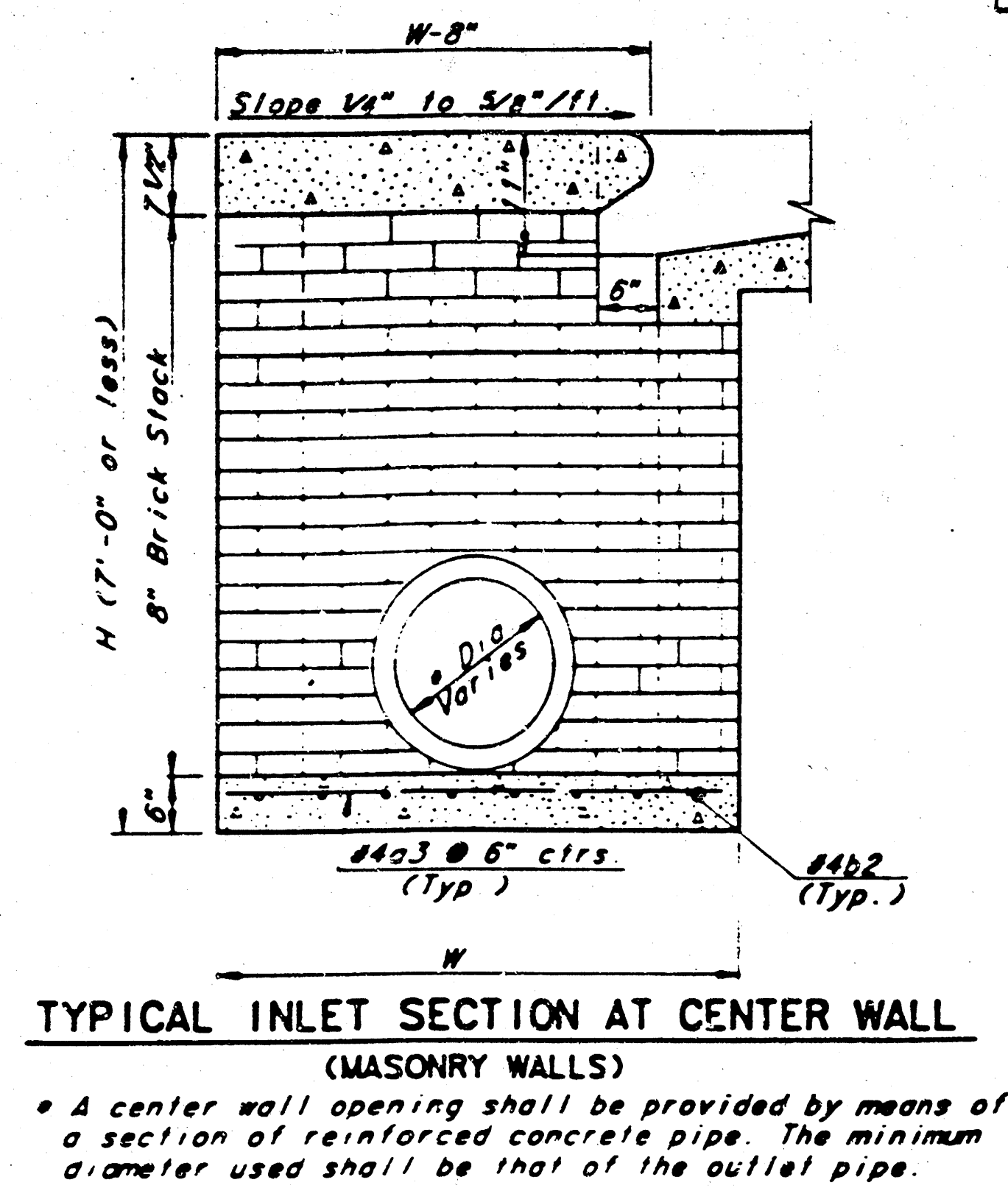
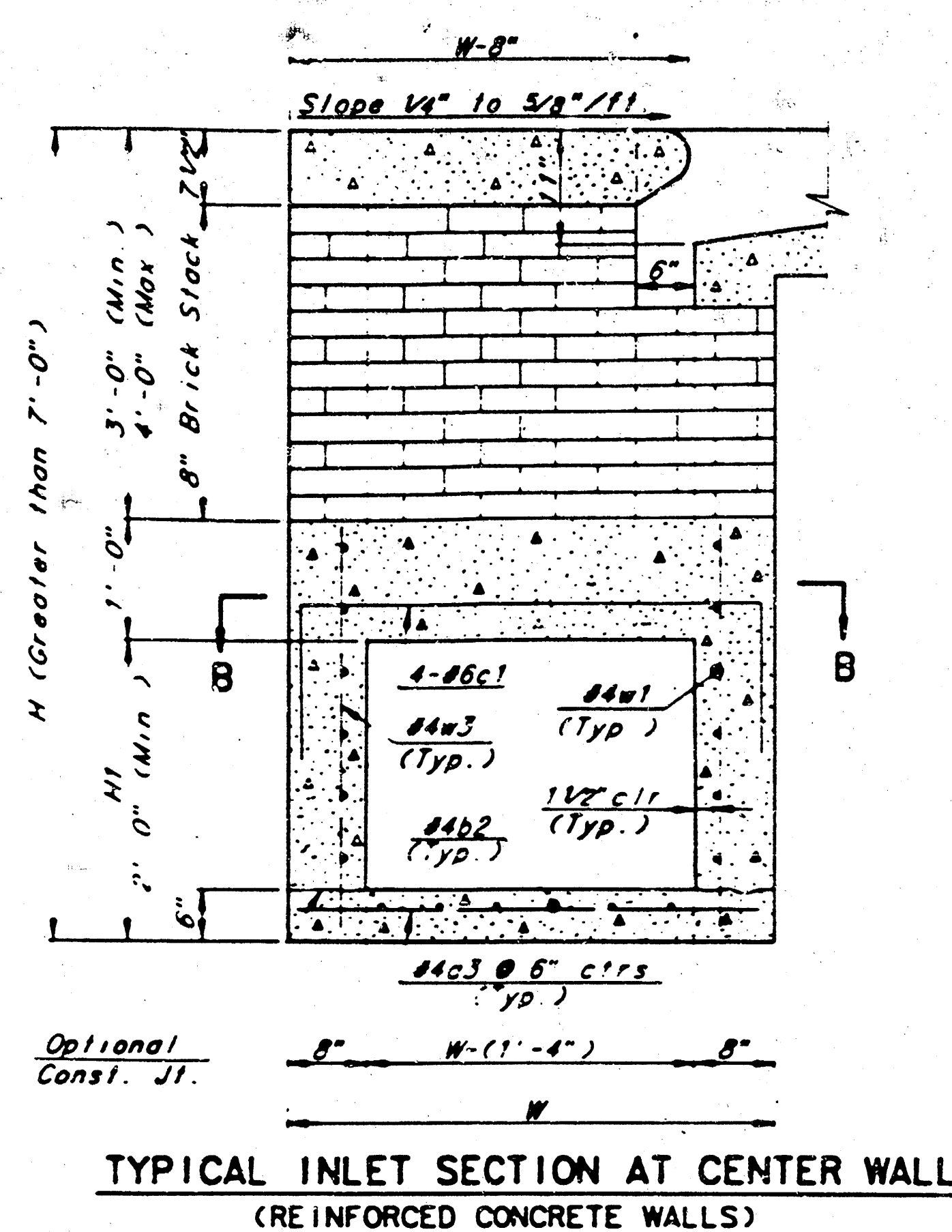
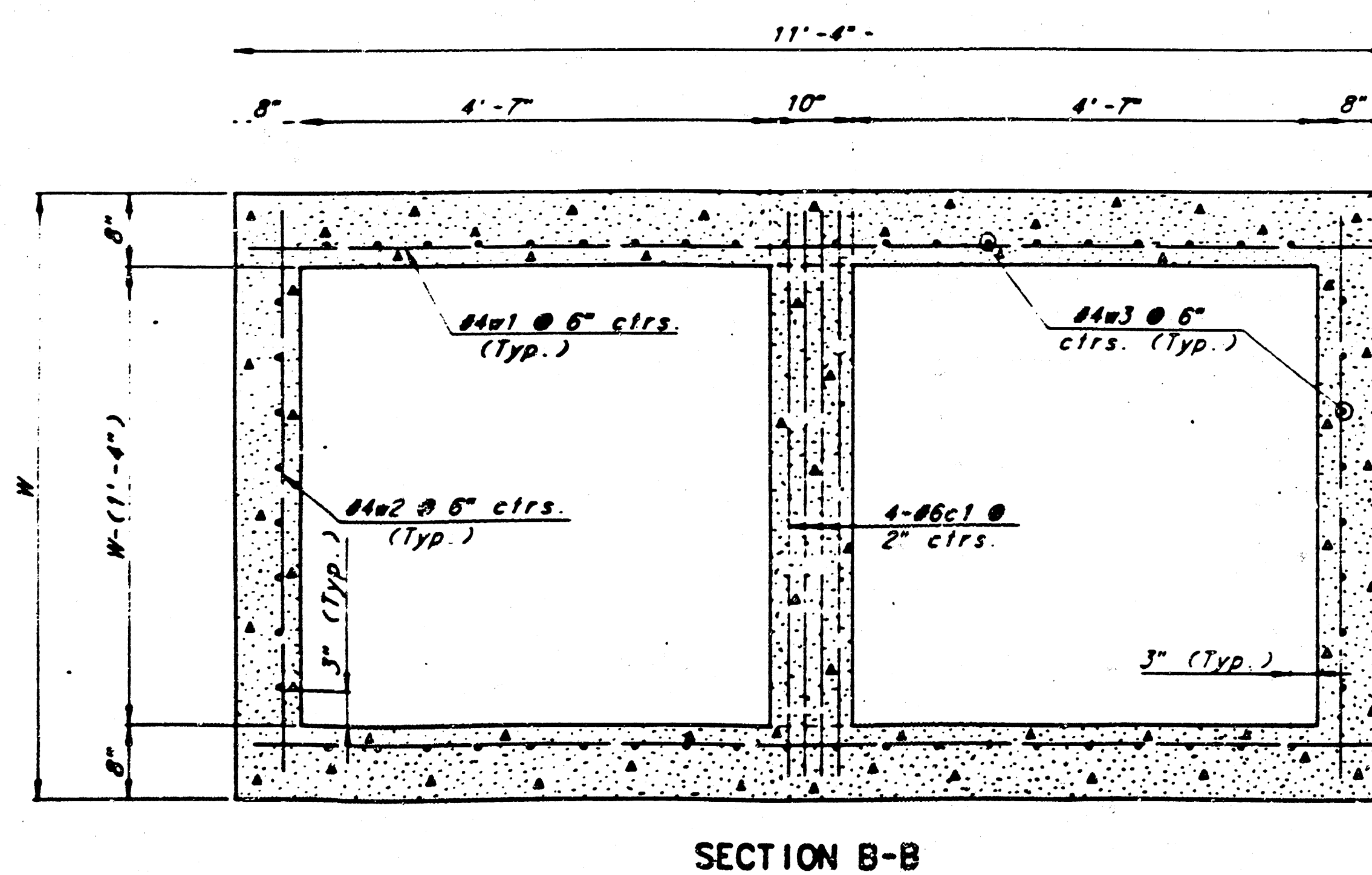
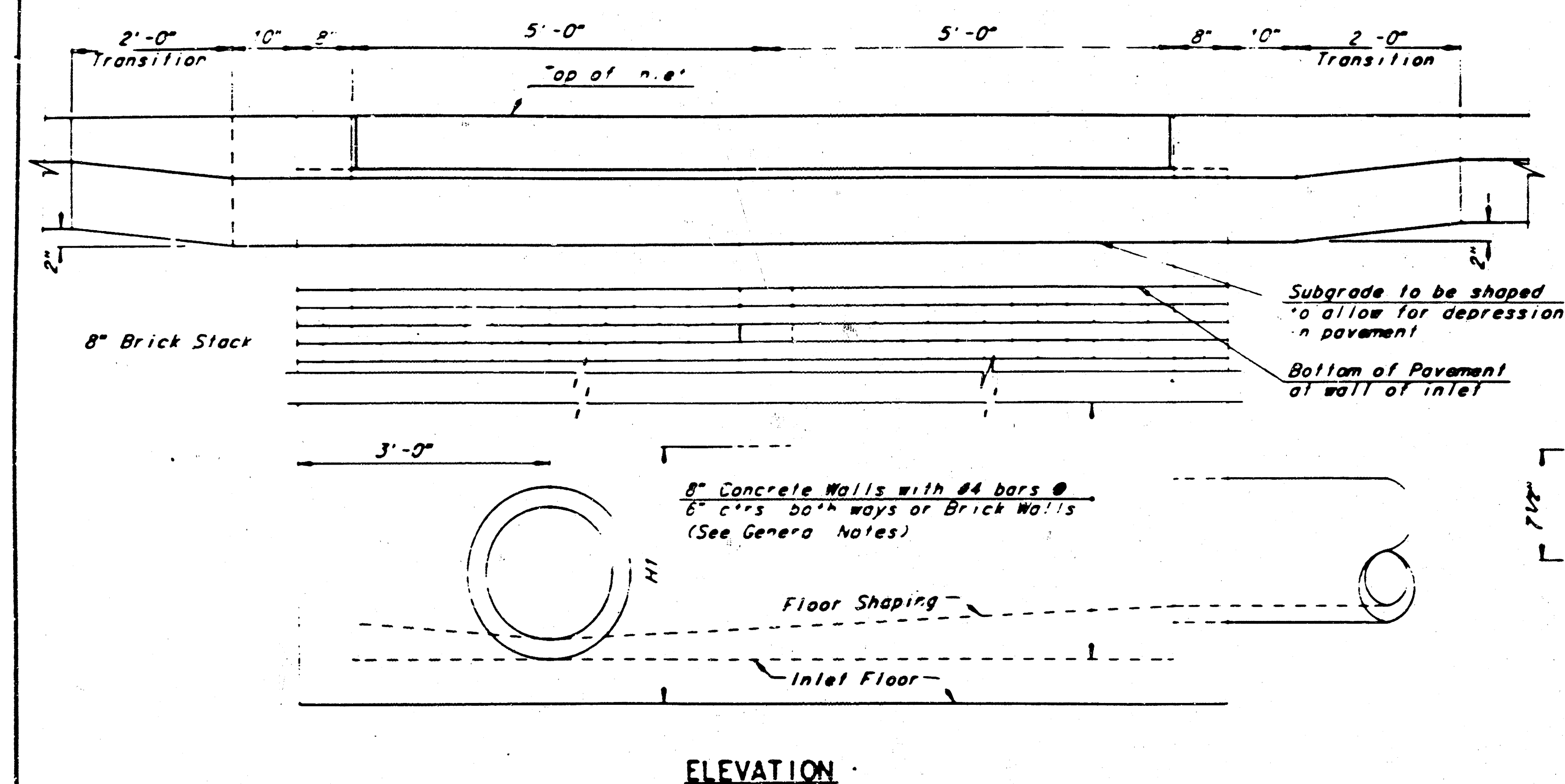
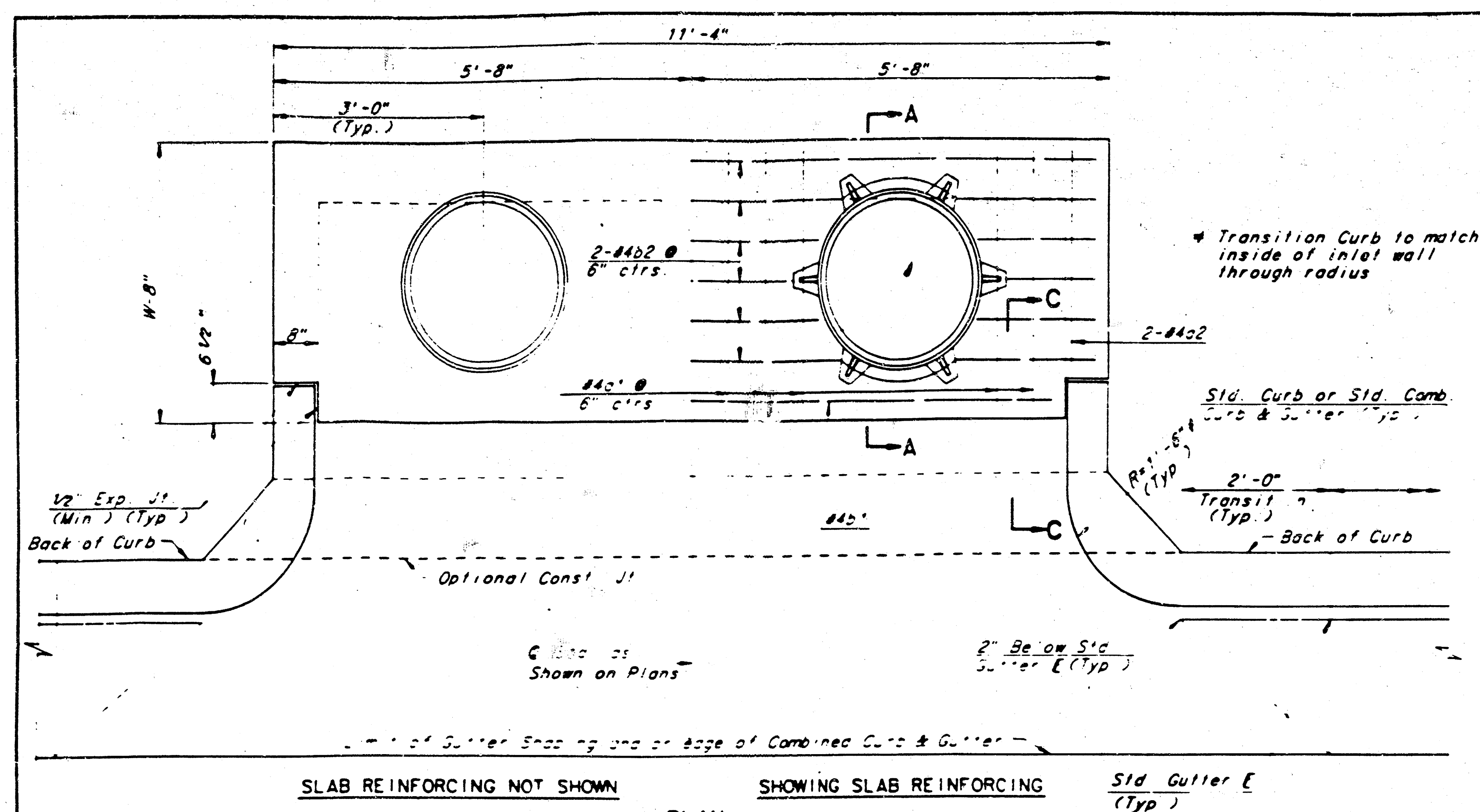


LIMITS OF GUTTER SHAPING AND/OR EDGE OF COMB. CURB AND GUTTER

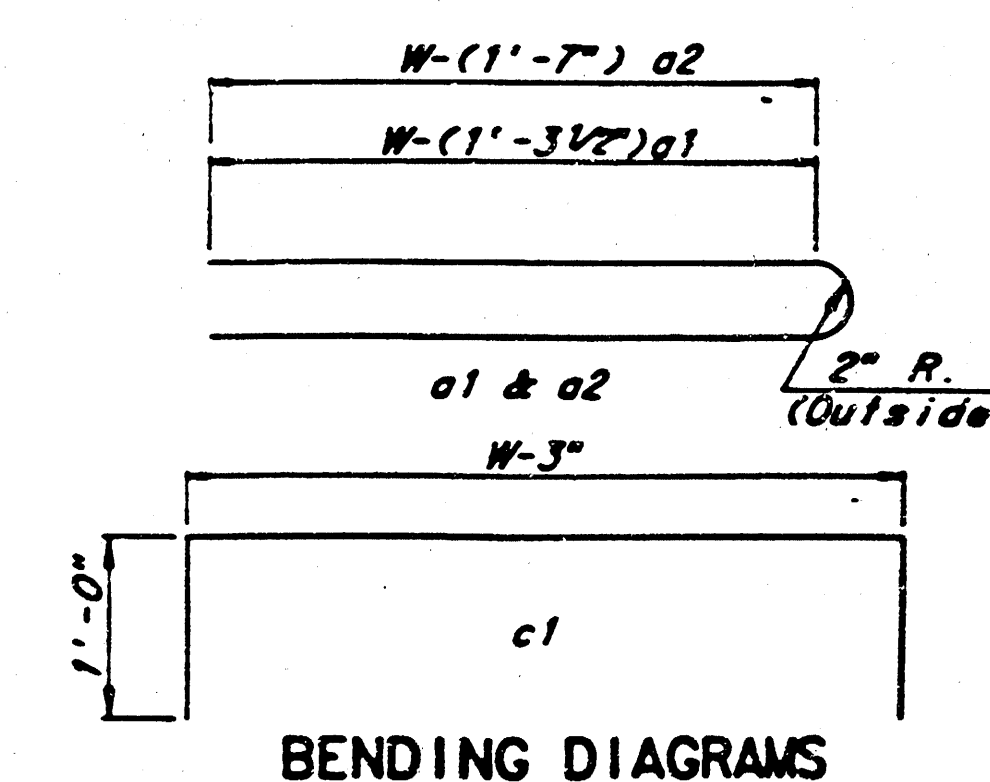
REVISED 12-21-1984

DETAIL STANDARD TYPE 1A CURB INLET
CITY OF WICHITA, KANSAS
INLET OPENING = 6" x 5' 0"

JUNE 1984

[illegible][illegible]

1. THE CONTRACTOR SHALL BE REQUIRED TO CONSTRUCT 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W=6'-4" OR LESS AND H=7'-0" OR LESS WHEN W IS GREATER THAN 6'-4" AND H IS LESS THAN 7'-0" THE OUTSIDE 1/2" WALLS BETWEEN THE BRICK SHALL BE REINFORCED CONCRETE CONSTRUCTION AND THE CENTER WALL SHALL BE OF MASONRY CONSTRUCTION AS SHOWN FOR THE MASONRY WALL OPTION.
2. INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE FLOW WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.
3. 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.
4. INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF BARS IN INLET TOP TO BE FIELD BENT OR CUT TO CLEAR MANHOLE RING.
5. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.



STANDARD TYPE 1A
CURB INLET
INLET OPENING = 6" x 10' - 0"

WICHITA, KANSAS

Designed by	BER, KJS, MMB	Checked by	MMB
Drawn by	JCP	Date	Nov. 1984

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