

CDBG PAVEMENT RECONSTRUCTION

CENTRAL & DORIS INTERSECTION

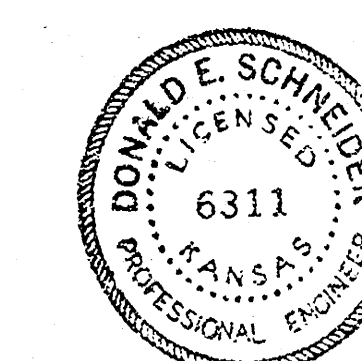
CENTRAL & CLARA INTERSECTION

S 1/2 16TH ST. - E L HOLYOKE TO W L FAIRMOUNT

10TH & NEW YORK INTERSECTION

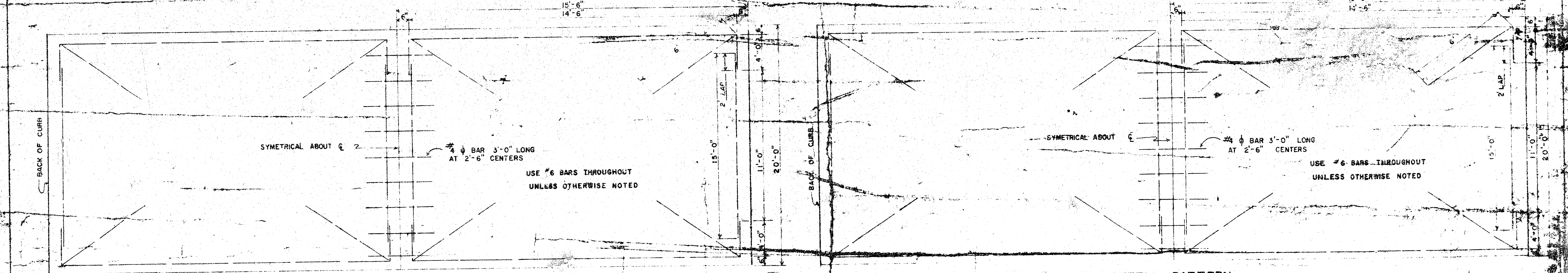
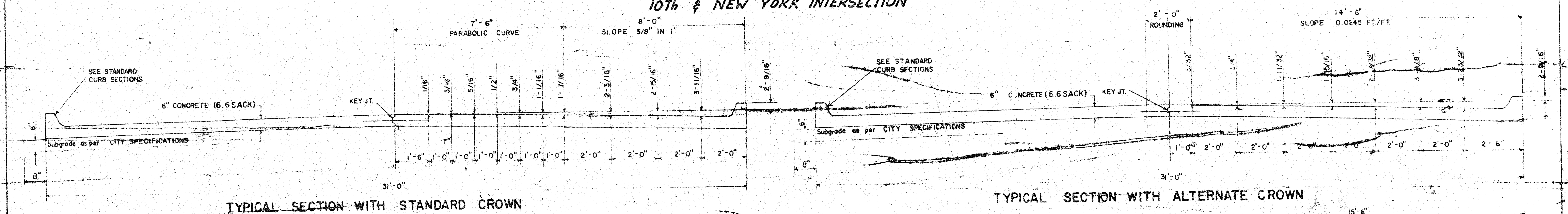
818 58 192 50207 430 102 000

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL 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 OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.



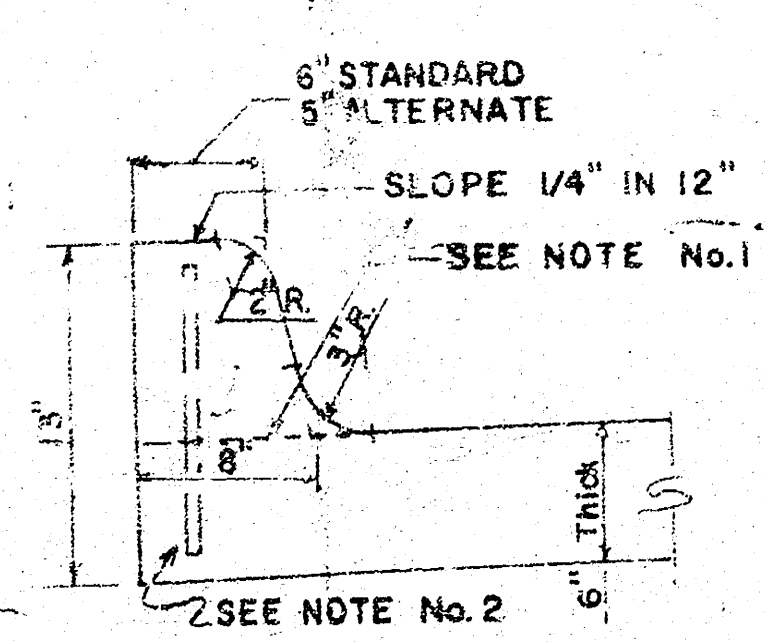
PROJECT DESCRIPTION		
PROJECT NUMBER		
BOOK NO. <i>787-23</i>	APPROVED BY	DATE
DRAWN BY <i>K/eg</i>		REVISED
CITY OF WICHITA		
DEPARTMENT OF ENGINEERING		
DIRECTOR OF CITY ENGINEER R. W. BRUGEMAN		SCALE

6" THICKNESS
TYPICAL SECTIONS OF 30' CONCRETE PAVEMENT
SOUTH 1/2 16th ST
10th & NEW YORK INTERSECTION

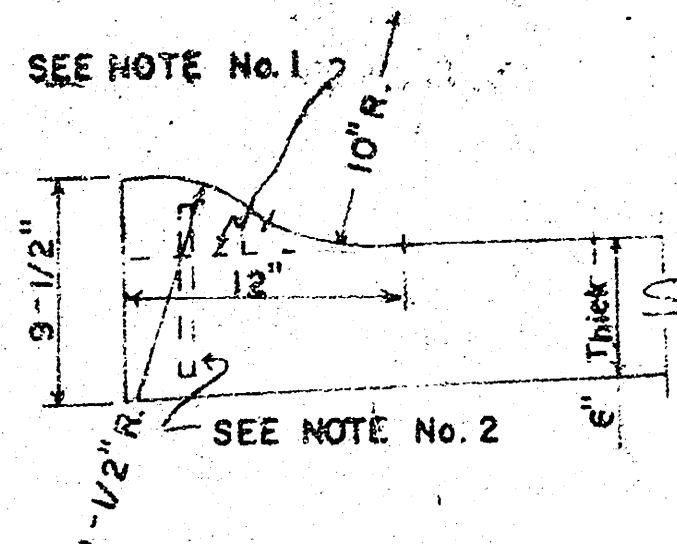


STEEL PATTERN

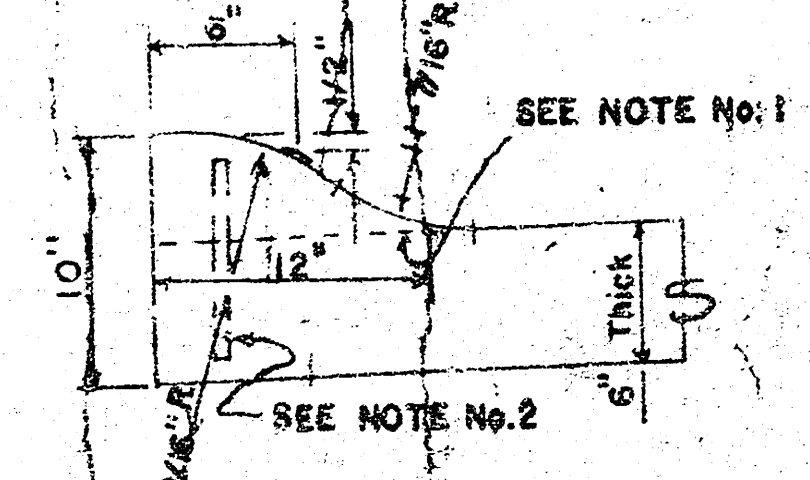
STEEL PATTERN



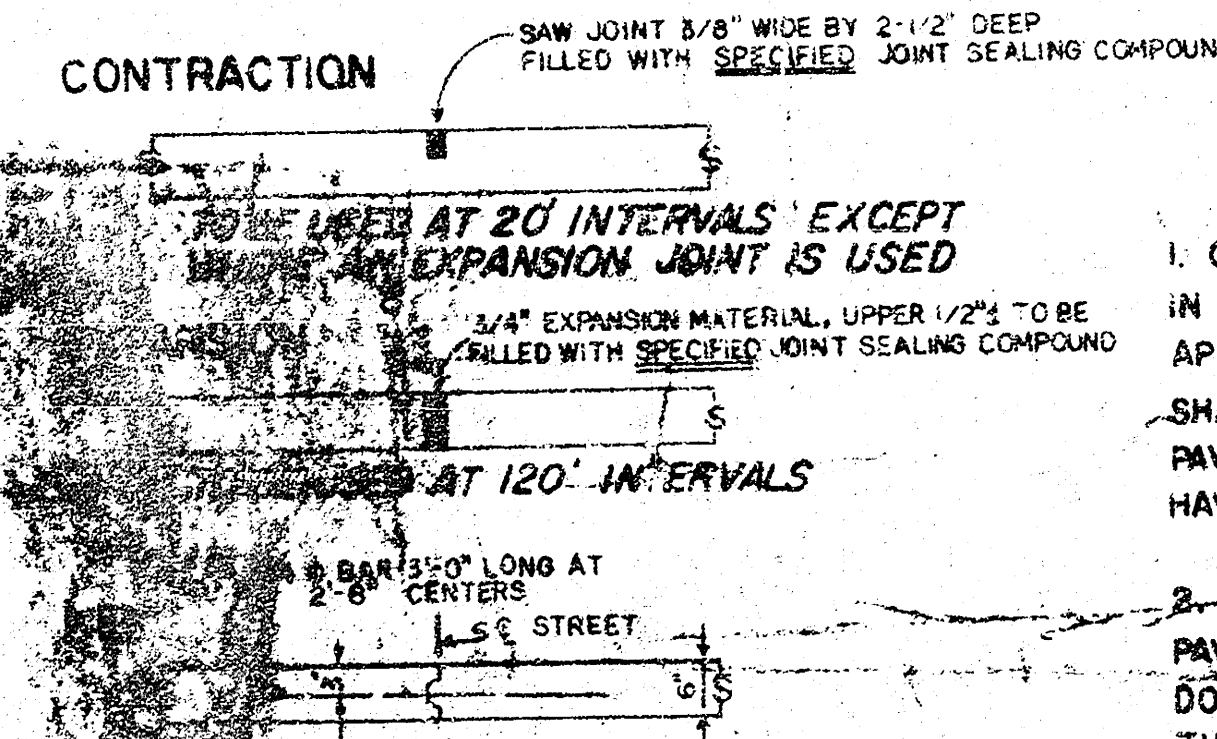
INTEGRAL CURB



ROLL-TYPE



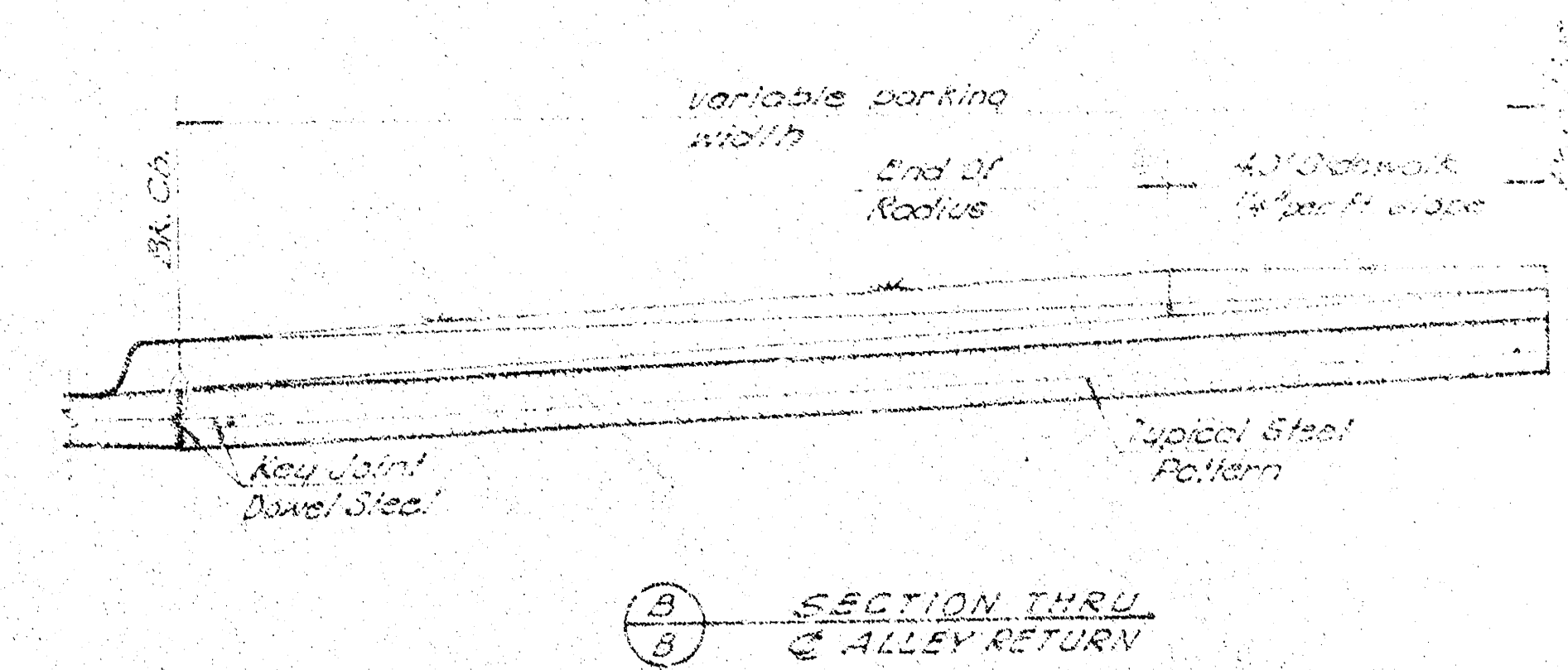
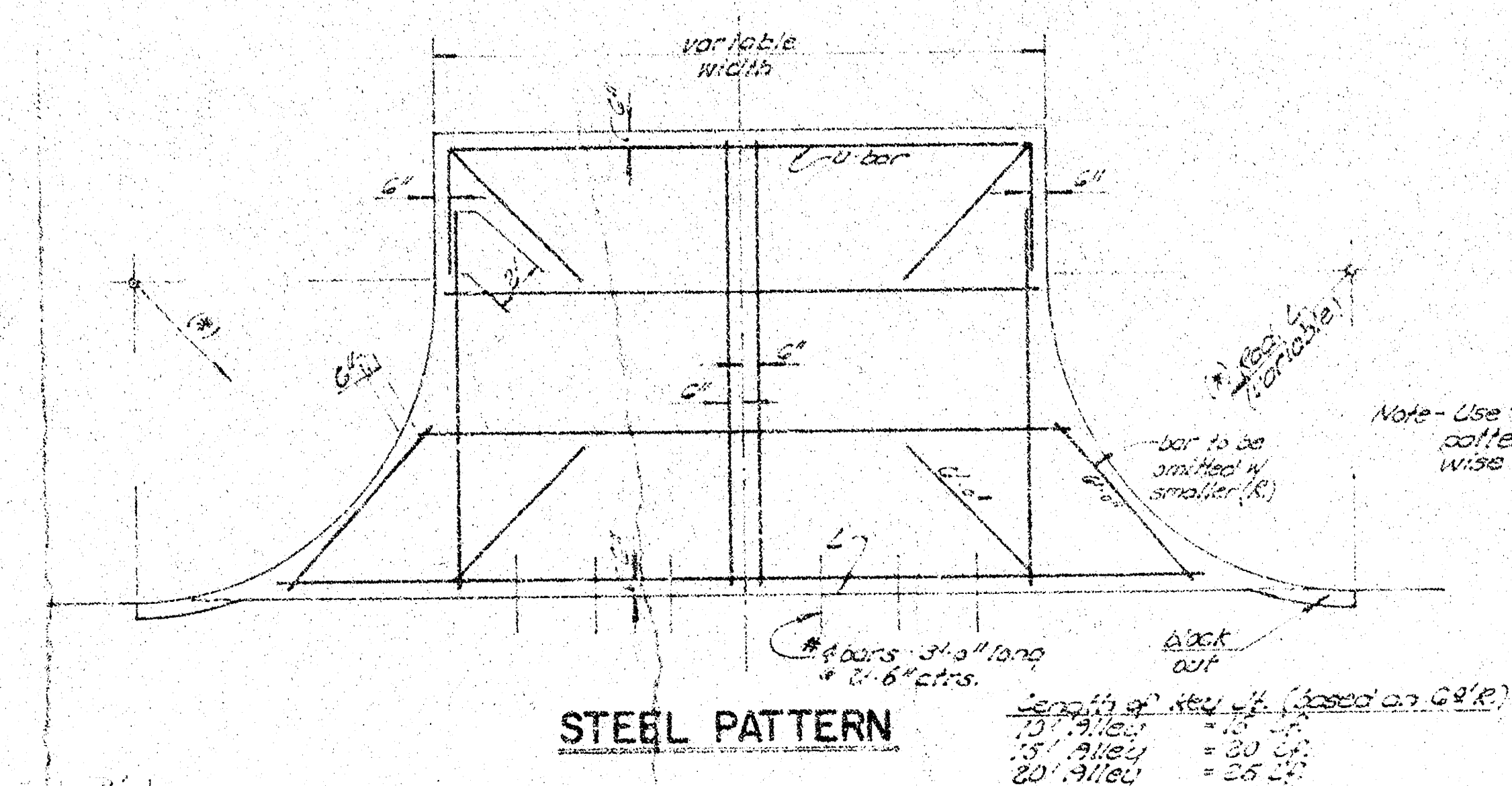
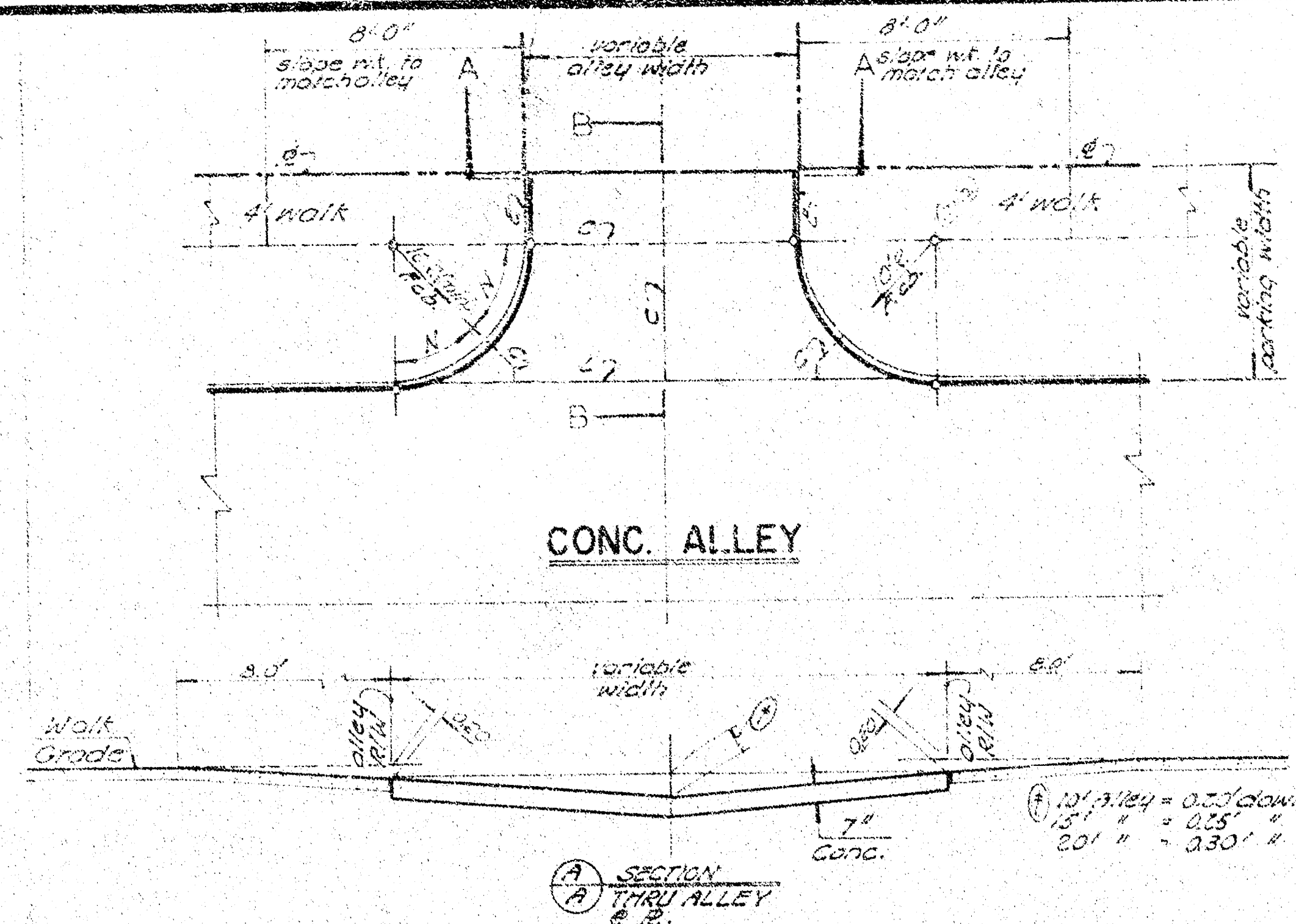
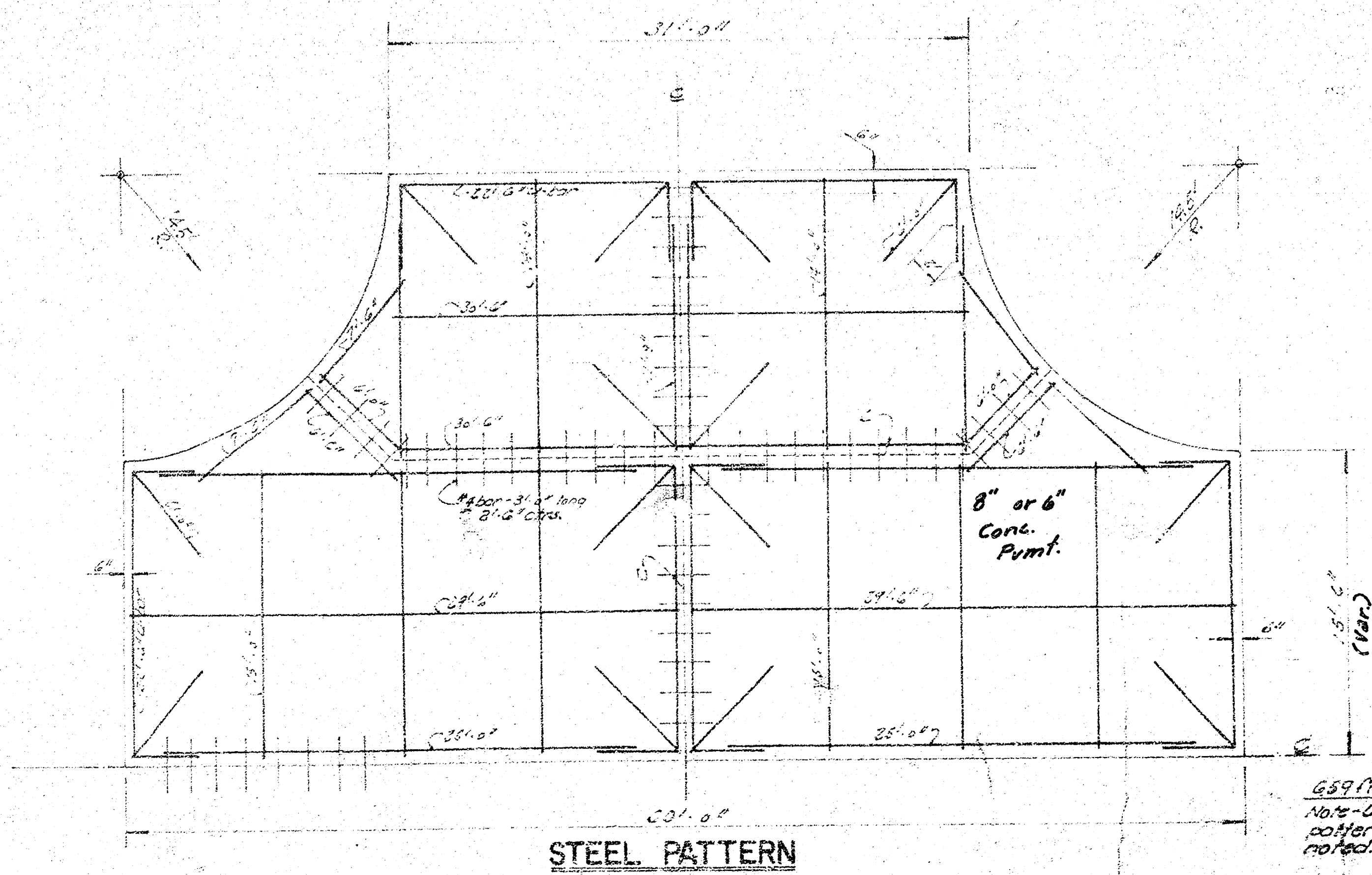
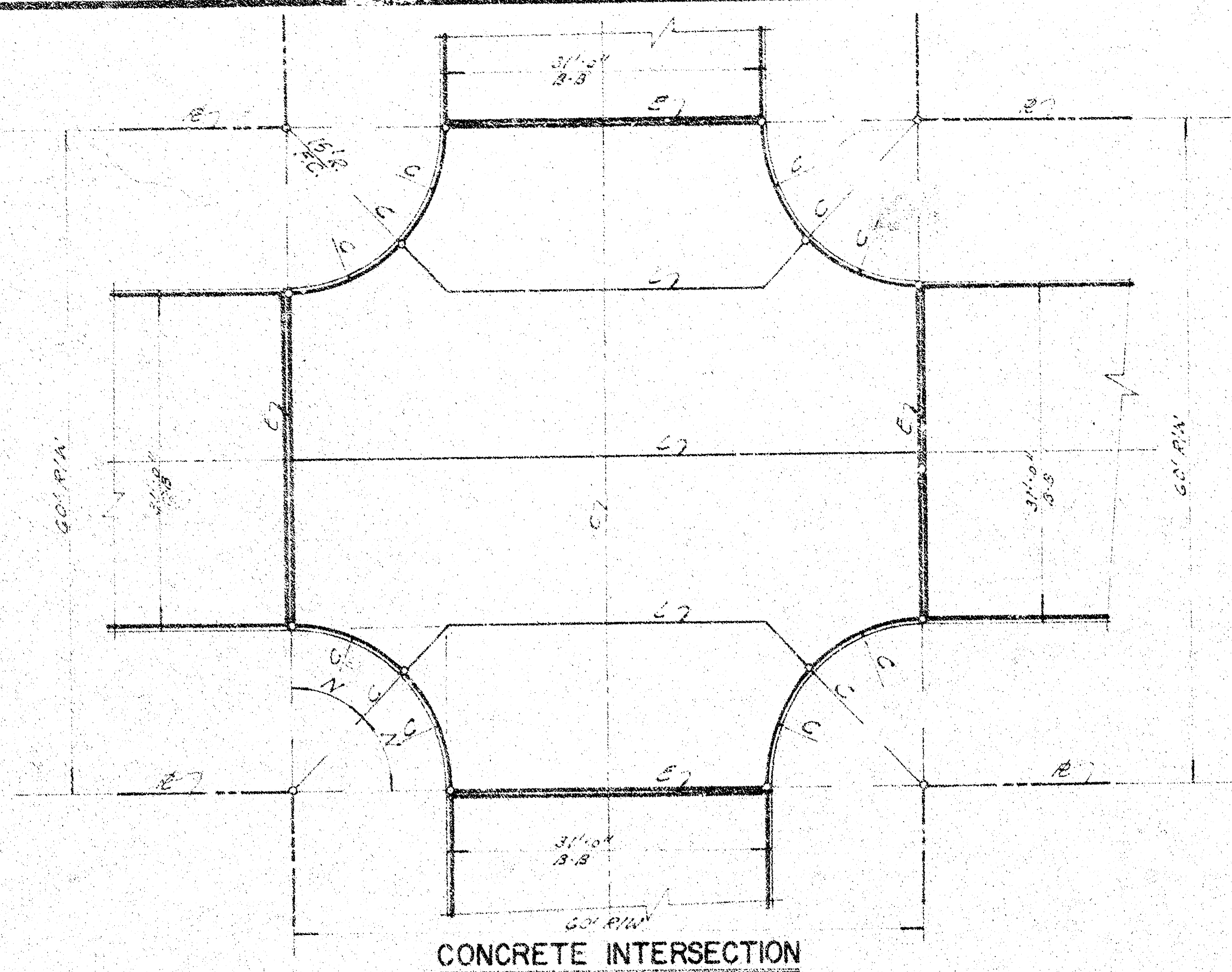
ALTERNATE ROLL-TYPE



JOINT DETAILS

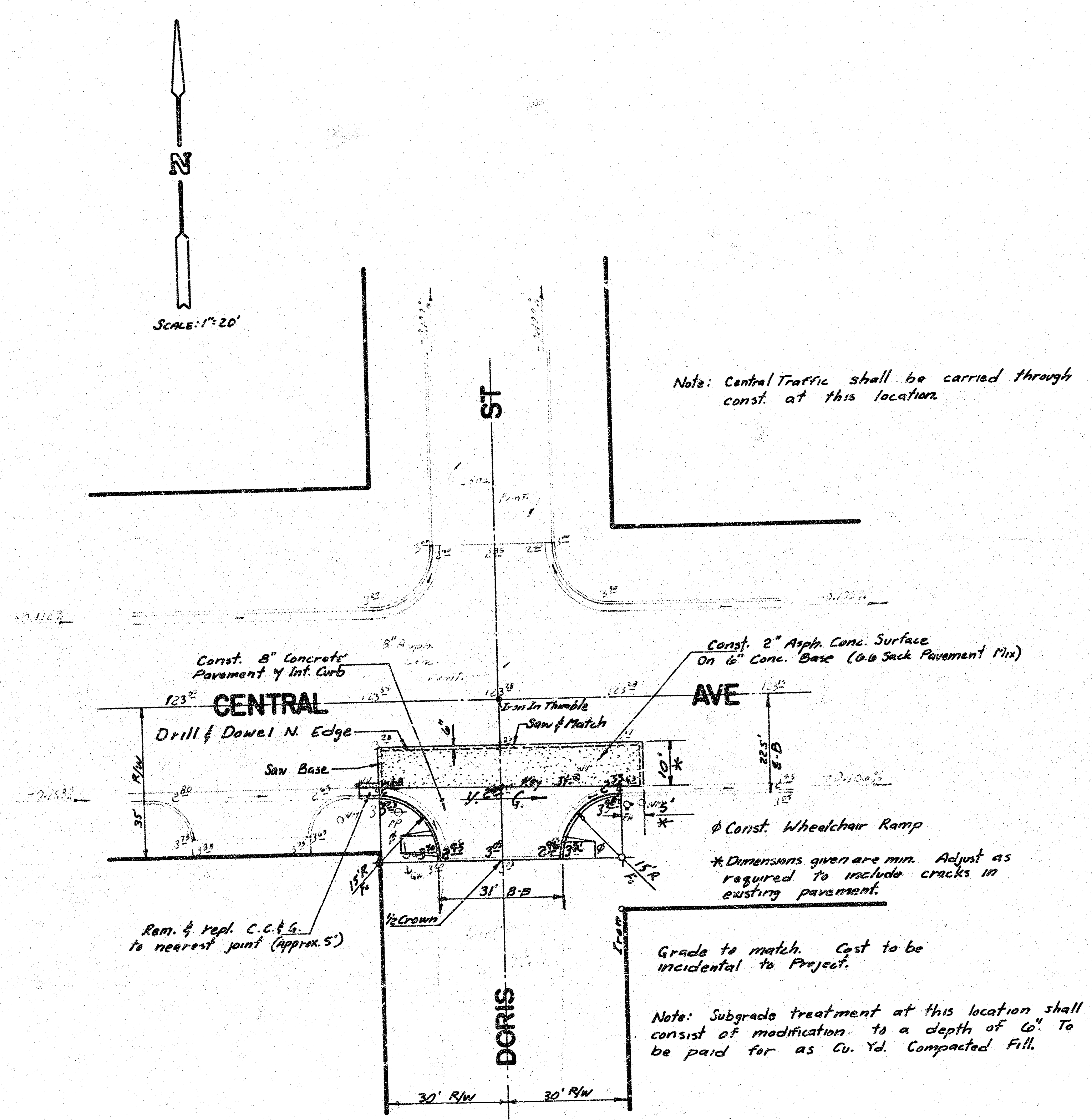
- GENERAL NOTES
1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN INTEGRAL CURB BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND THROUGH THE CURB TO THE PAVEMENT. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 20'.
 2. INTEGRAL CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2'-6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1/2" OR MORE THAN 3/4" IN DIAMETER.

CITY OF WICHITA, KANSAS
DEPARTMENT OF ENGINEERING
R. W. BRUGGEMAN - DIRECTOR OF ENGINEERING/CITY ENGINEER
DATE: PROJ. No. 2/9

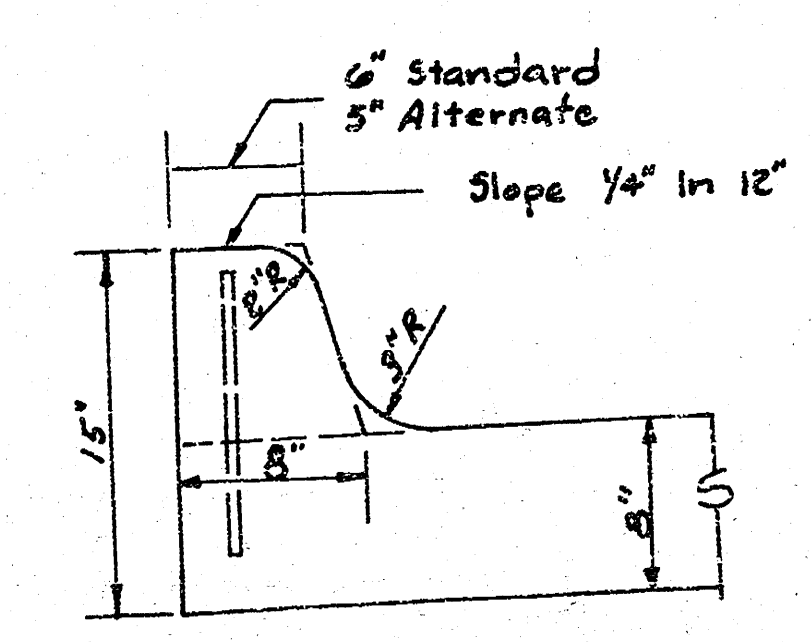


- LEGEND
- C = Contraction Joint
 - E = Expansion Joint
 - L = Longitudinal Key Joint
 - N = The dimension shall bisect the arc.

BM=123.90 ~ "a" Top E. Cb. Bebe St. 2 Ft. N. of End Rad. SE Cor. Bebe & Central.
 BM=122.86 ~ RR Spk. W. Fe. St. Life Pole NE Cor. St. Louis & Doris.

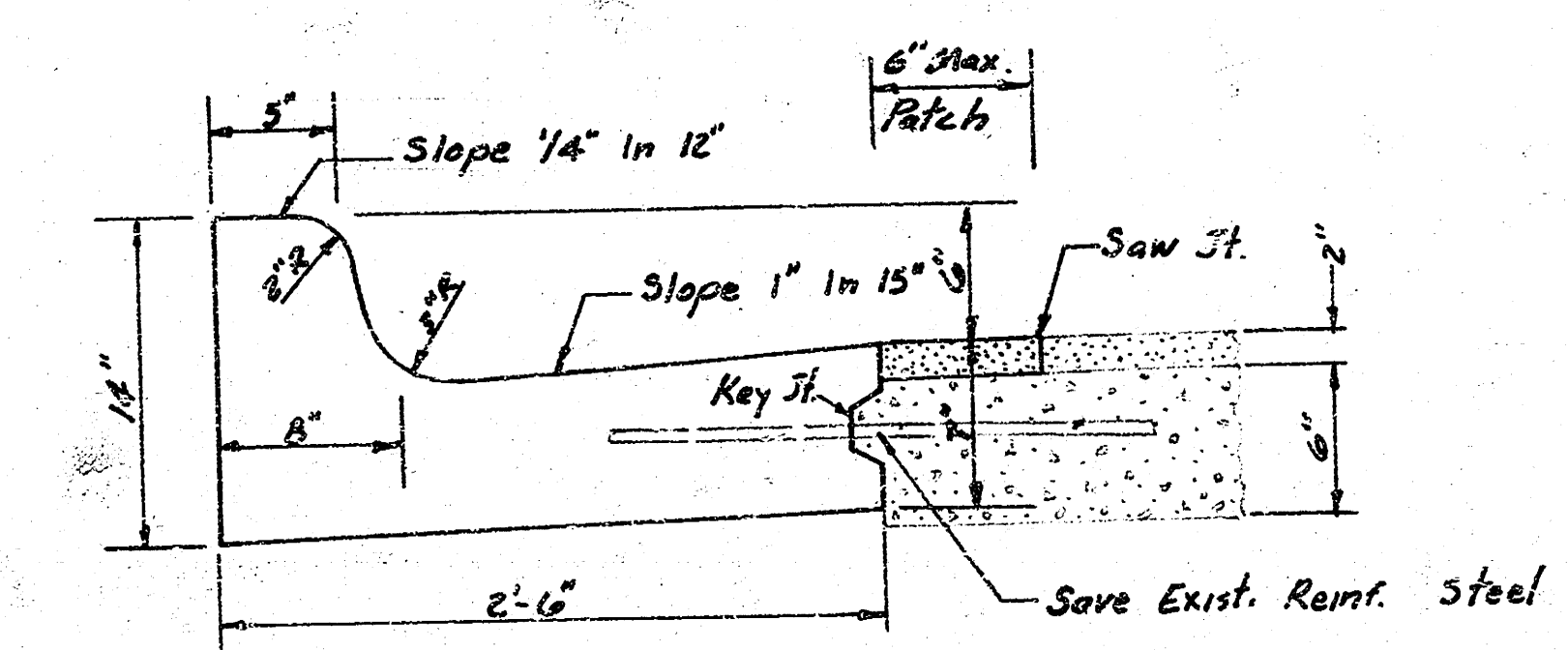


Note: Central Traffic shall be carried through const. at this location.

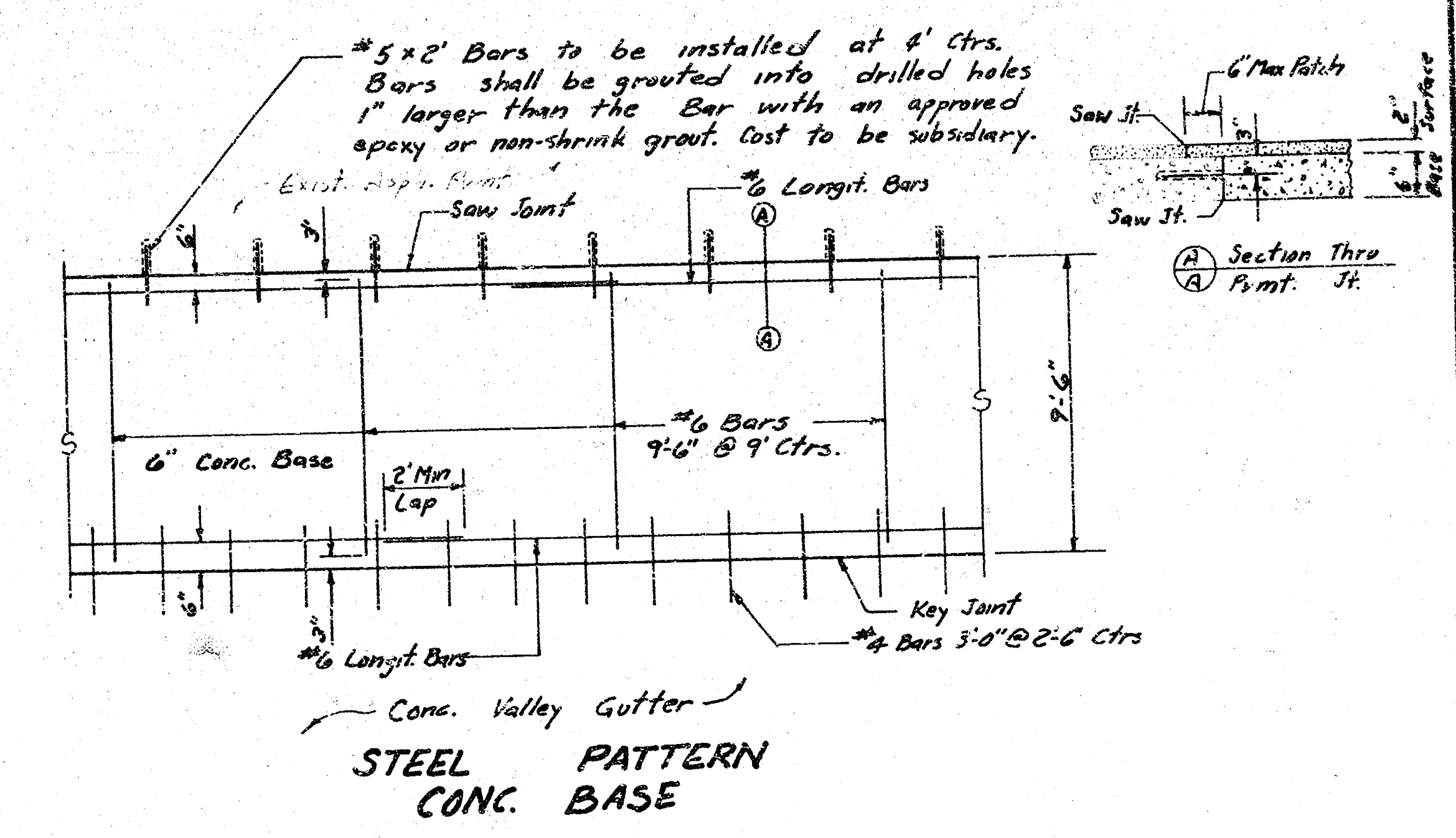


INTEGRAL CURB
8" PVMT.

Contraction joints may be constructed in integral curb by sawing with an approved concrete saw. The saw cut shall extend through the curb to the pavement.
 Integral curb shall be tied to the pavement base with short deformed dowel bars spaced at 2'-6" intervals. Dowel bars to be not less than 1/2" or more than 3/4" in diameter.

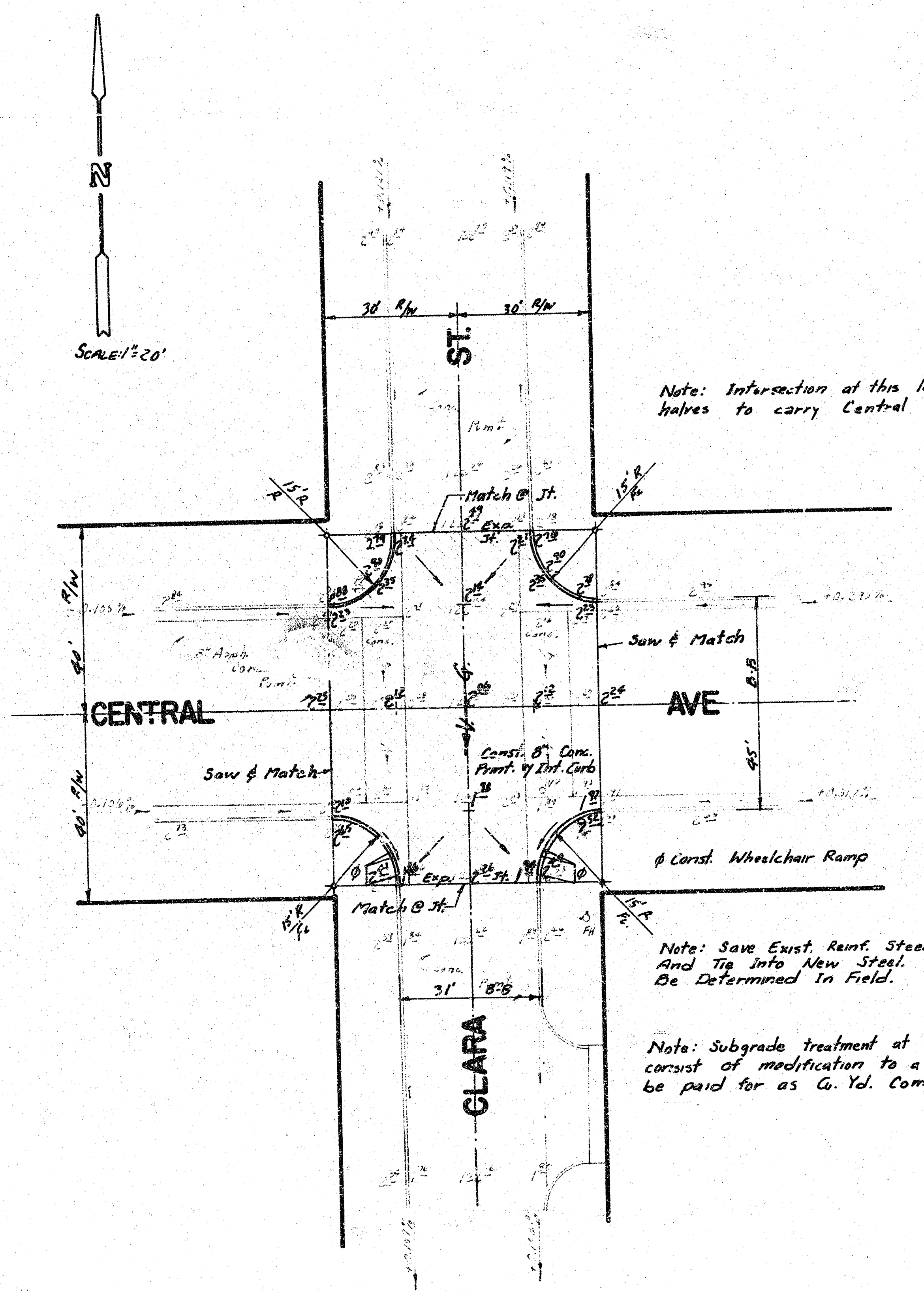


COMBINED CURB & GUTTER



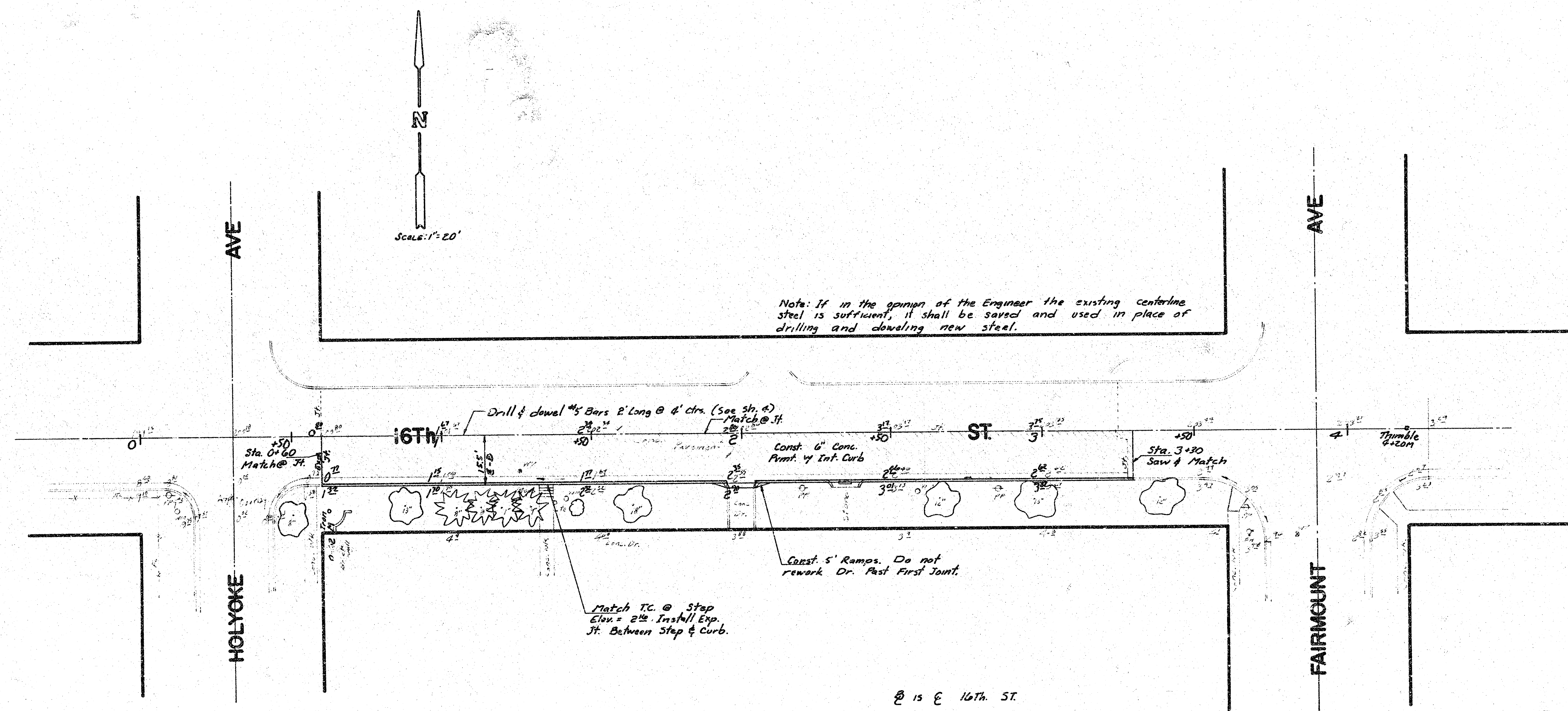
STEEL PATTERN
CONC. BASE

B.M. = 124.52 ~ Anna & Central, City Std. Disc 34' N & 42' W of E Both.
 B.M. = 123.29 ~ Weaver & Central, City Std. Disc 34' E & 42' N of E Both.



BM= 177.68 ~ HILLSIDE & 17TH ST. No. CITY STD. DISC. 1" W. & 4" S. OF E BOTH.

6/9

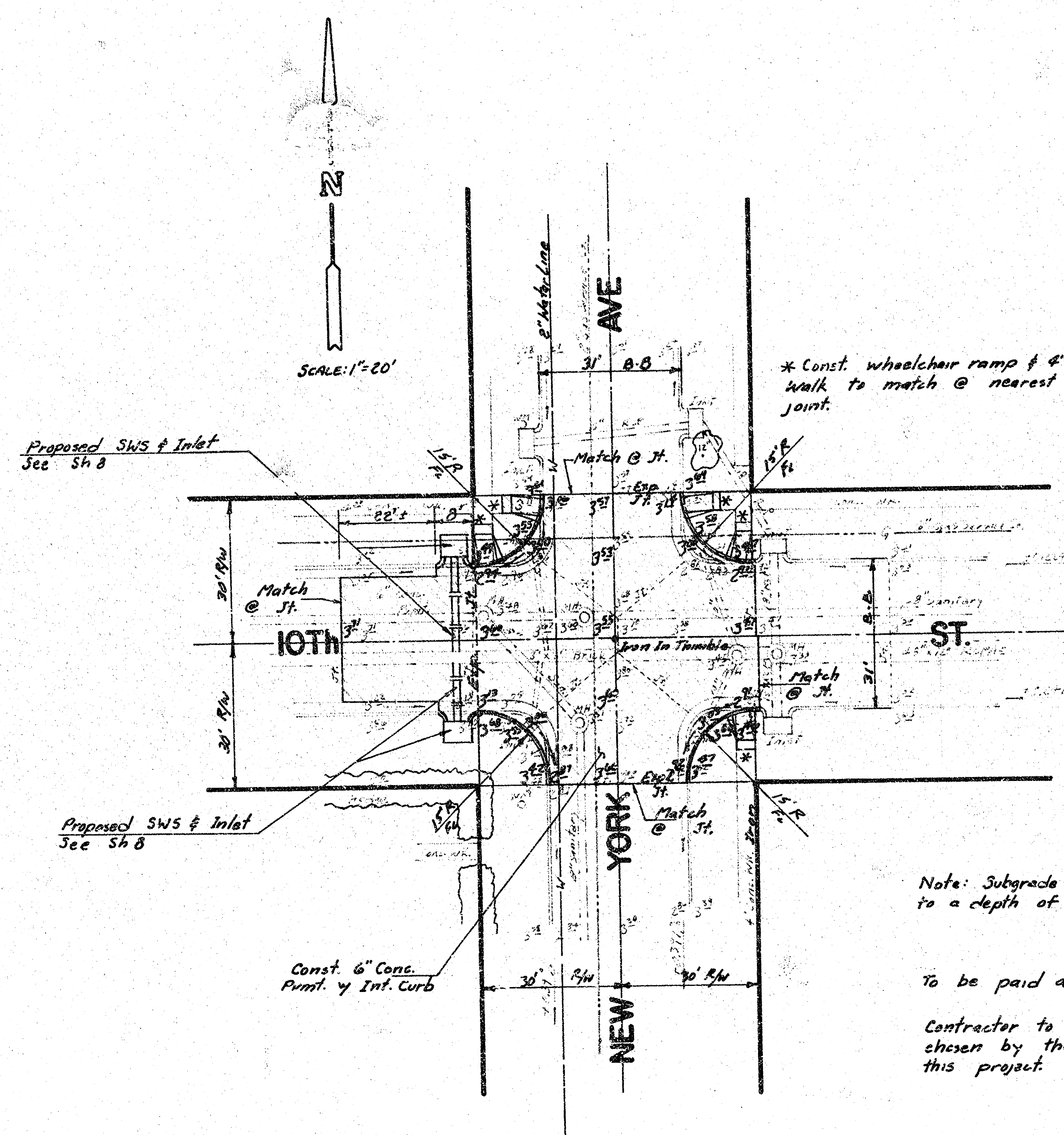


@ 15 E 16th ST.

Note: Subgrade treatment at this location shall consist of manipulation to a depth of 6". One of the following treatments shall be added:
 Hydrated Lime @ 18 Lb/S.Y.
 Sludge Lime @ 14 Lb/S.Y. (Dry wt.)
 Pebble Quick Lime @ 14 Lb/S.Y.
 To be paid as Se. Id. Manipulation & Tons of treatment.
 Contractor to bid only one subgrade treatment alternate. Alternate chosen by the successful bidder shall be used for construction on this project.

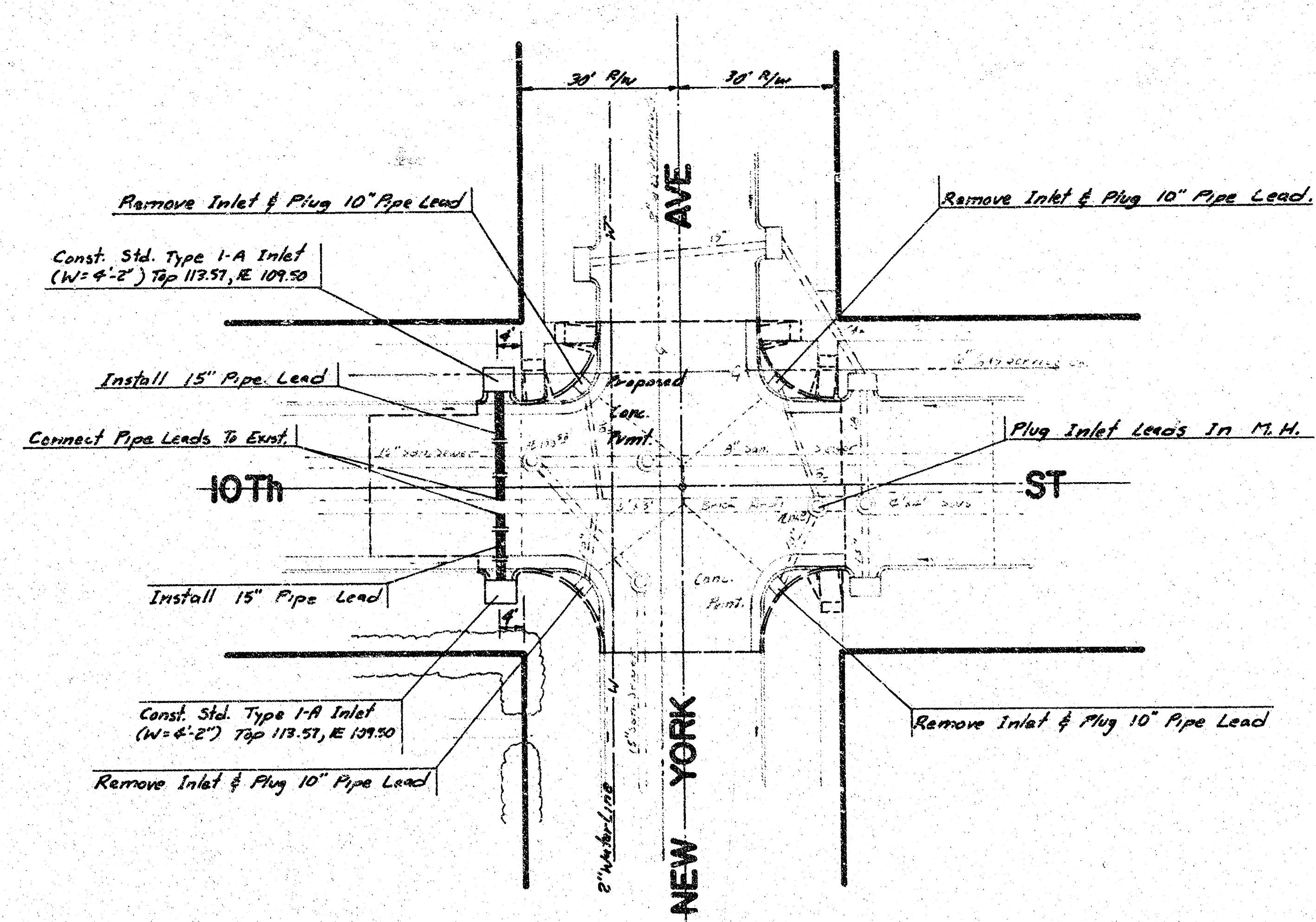
PROJECT DESCRIPTION	
S 1/2 16th ST	6/9
E L HOLYOKE TO W L FAIRMOUNT	
PROJECT NUMBER	
818 58 192 50207 430 102 000	

BM = 117.86 ~ 10th St. N. & Wichita Drainage Canal, 12" Cut On W. Wingwall.
 BM = 118.54 ~ 11th St. N. & Wichita Drainage Canal, No Descrip.
 BM = 119.76 ~ 9th St. N. & Drainage Canal, 12" N.E. Cor. Bridge!

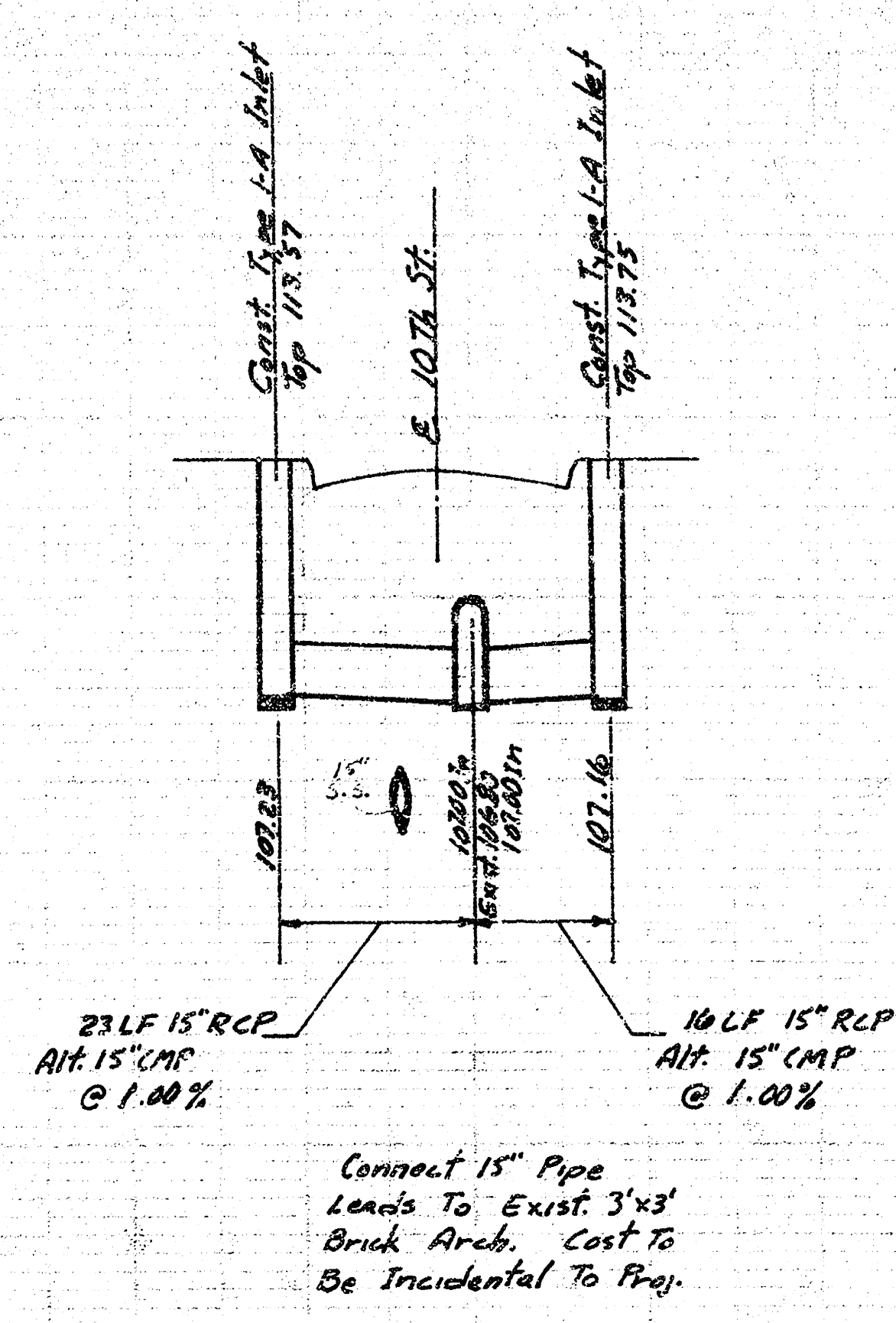


Note: Subgrade treatment at this location shall consist of manipulation to a depth of 6". One of the following treatments shall be added:
 Hydrated Lime @ 18 Lb./S.Y.
 Sludge Lime @ 18 Lb./S.Y. (Dry Wt.)
 F3 Lb./S.Y. Quick Lime @ 14 Lb./S.Y.
 To be paid as Sq. Yd. Manipulation & Tons of treatment.

Contractor to bid only one Subgrade Treatment alternate. Alternate chosen by the successful bidder shall be used for construction on this project.

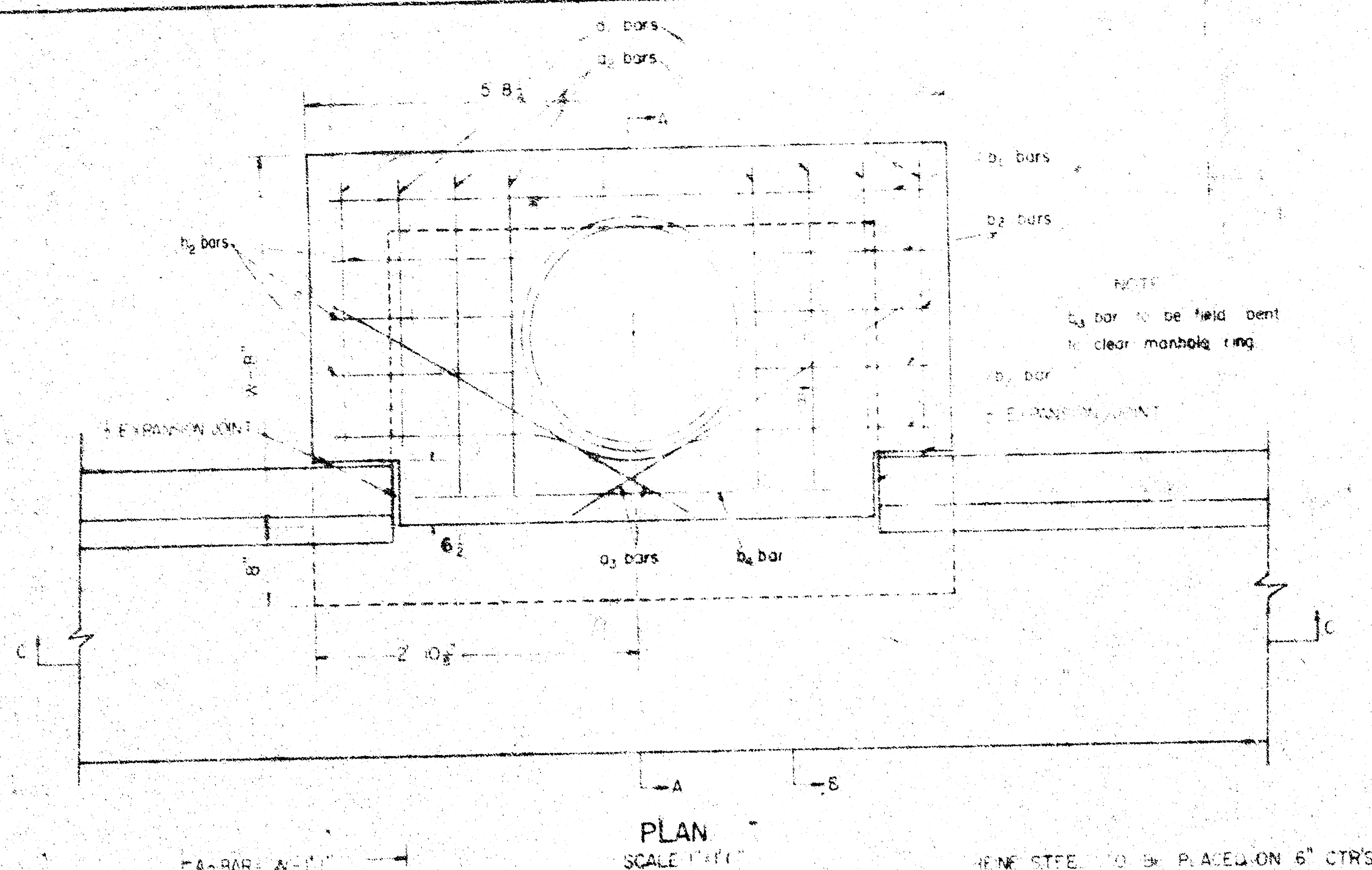


N
 SCALE
 Plan: 1" = 20'
 Profile: Horiz. 1" = 20'
 Vert. 1" = 5'



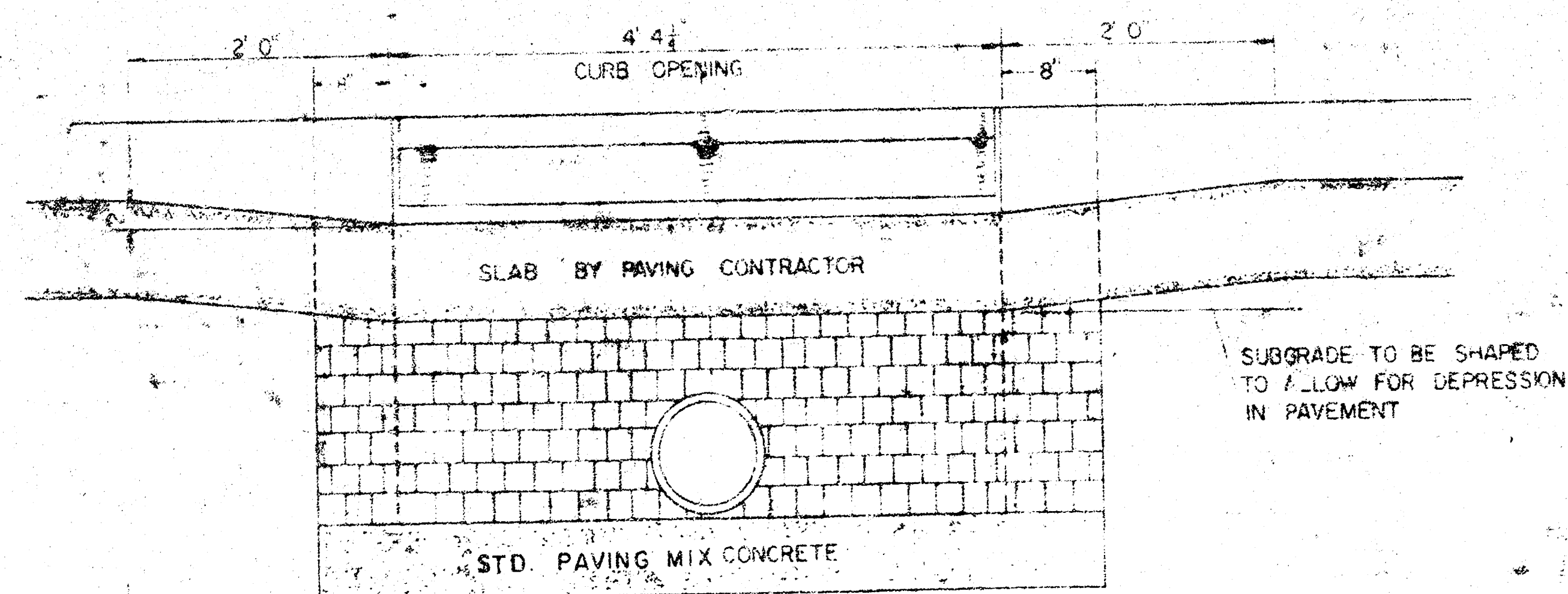
115
 110
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115
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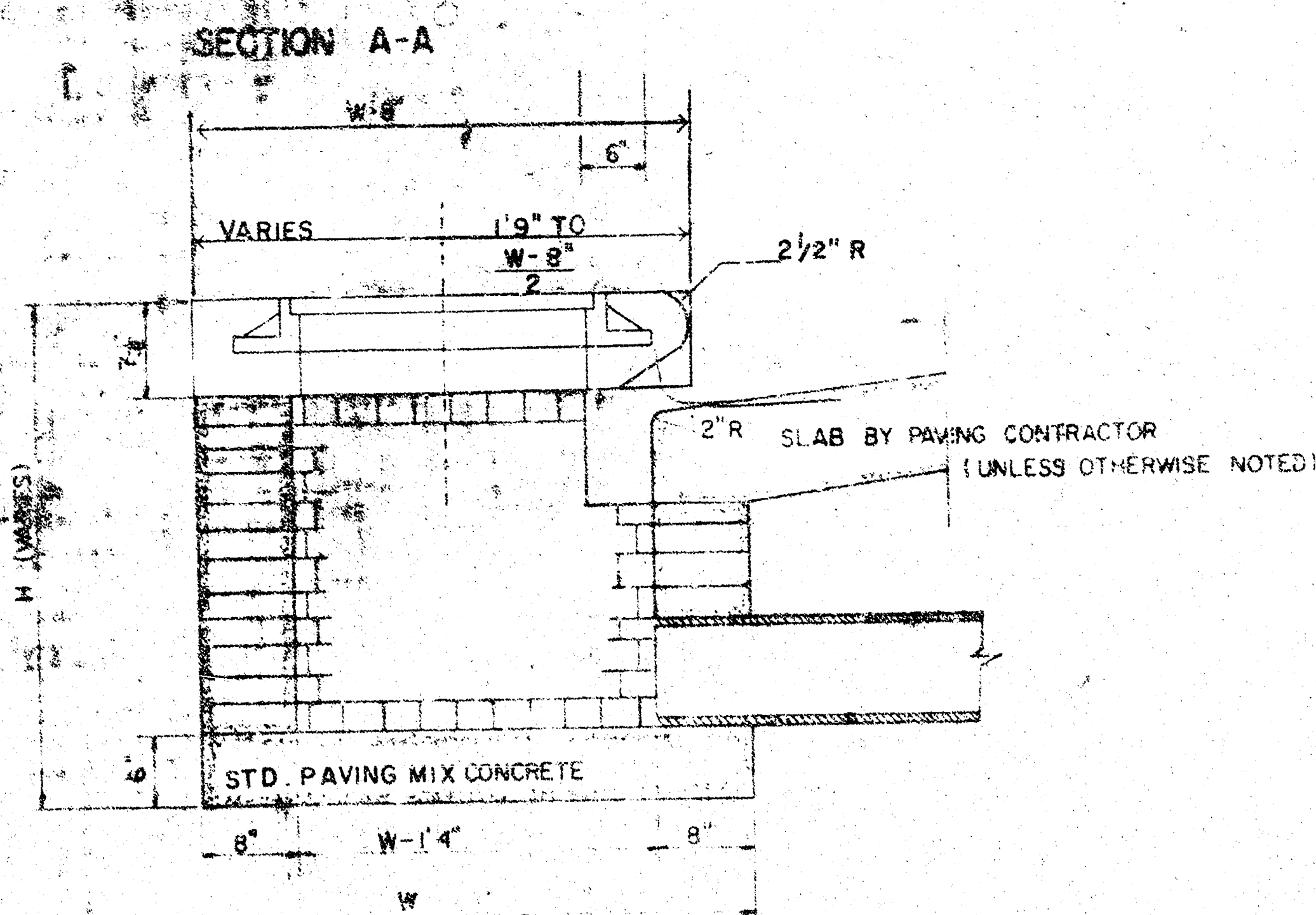


BAR	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	b ₄	W ₁ LBS.
SIZE	"4	"4	"4	"4	"4	"4	"4	
NUMBER	4	4	2	4	4	4	4	
W-4'2"	5'5"	6'5"	3'7"	5'5"	6'5"	3'7"	5'5"	40
W-5'0"	7'1"	8'1"	4'7"	5'5"	6'5"	3'7"	5'5"	77
W-6'0"	9'1"	10'1"	5'7"	5'5"	6'5"	3'7"	5'5"	97

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



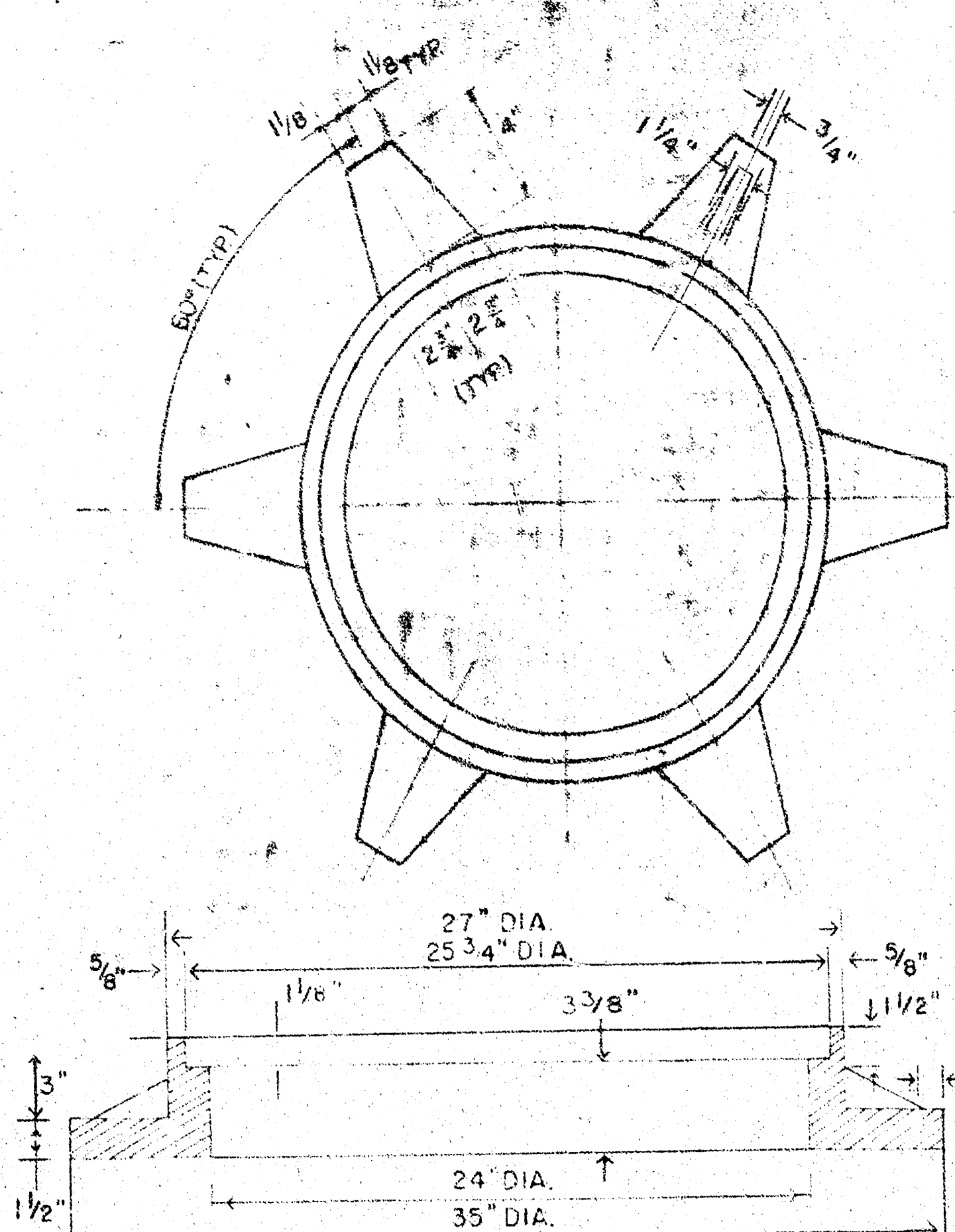
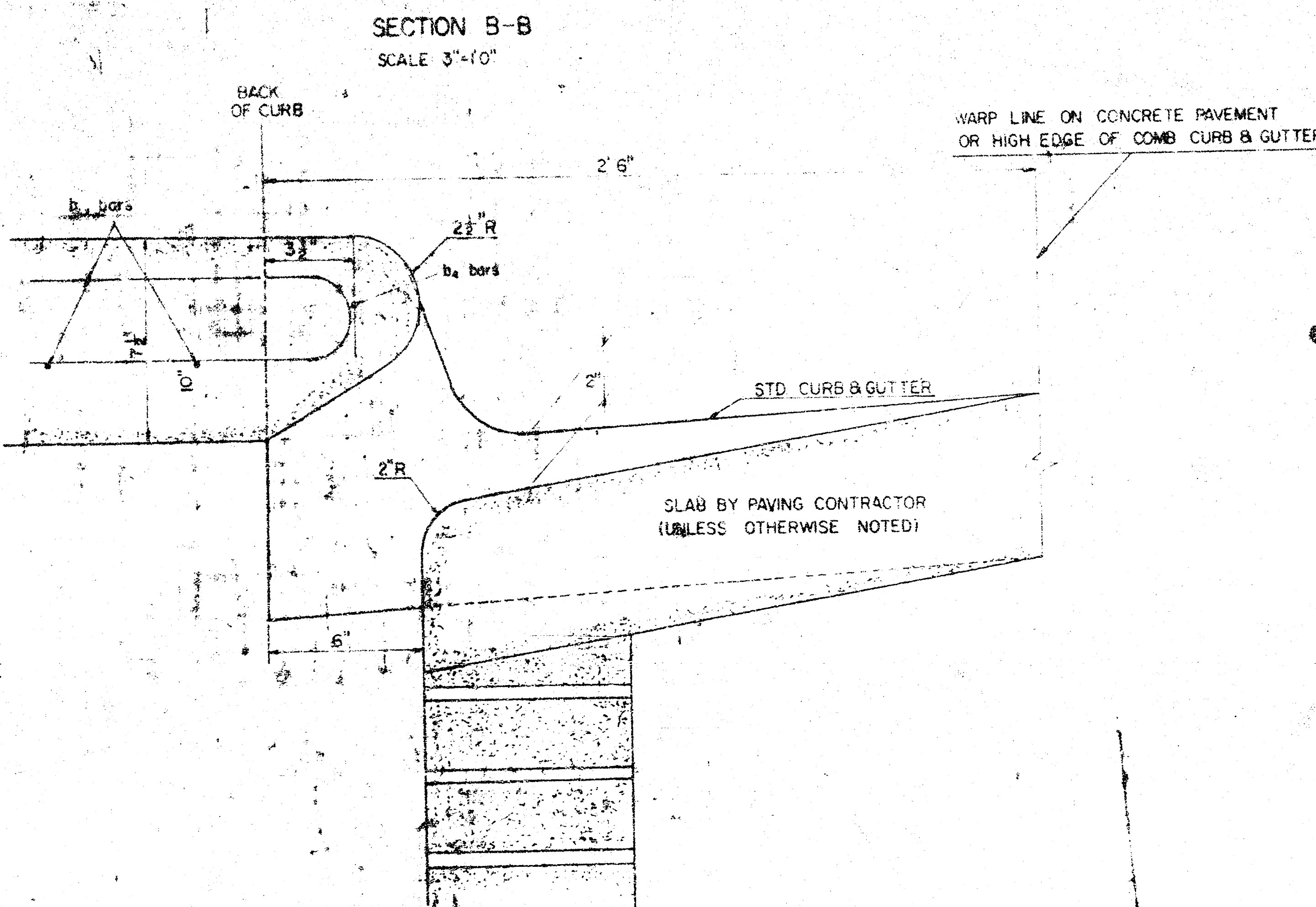
BRICK FOR INLET CONSTRUCTION SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION C32 FOR MANHOLE BRICK GRADE MS.



W	SIZE	PIPE SIZE	CL YO CONC
4'2"	36" X 58" X 7 1/2"	24" B SMALLER	0.46**
5'0"	44" X 58" X 7 1/2"	30" B 36"	0.57**
6'0"	54" X 58" X 7 1/2"	42" B 48"	0.71**

** GROSS VOLUME

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 STD. PAVING MIX.



SEE SEWER APPURTENANCES DETAIL SHEET FOR MANHOLE COVER

THIS TYPE INLET TO BE USED WHEN PAVEMENT IS ASPHALT PAVEMENT WITH CONCRETE BASE AND/OR WHEN PAVEMENTS HAVE FULL HEIGHT STANDARD CURBS.

DETAIL
STANDARD CURB INLET-TYPE I
CITY OF WICHITA, KANSAS

FEBRUARY, 1975

818 58 192 50207 430 102 000. 9/9