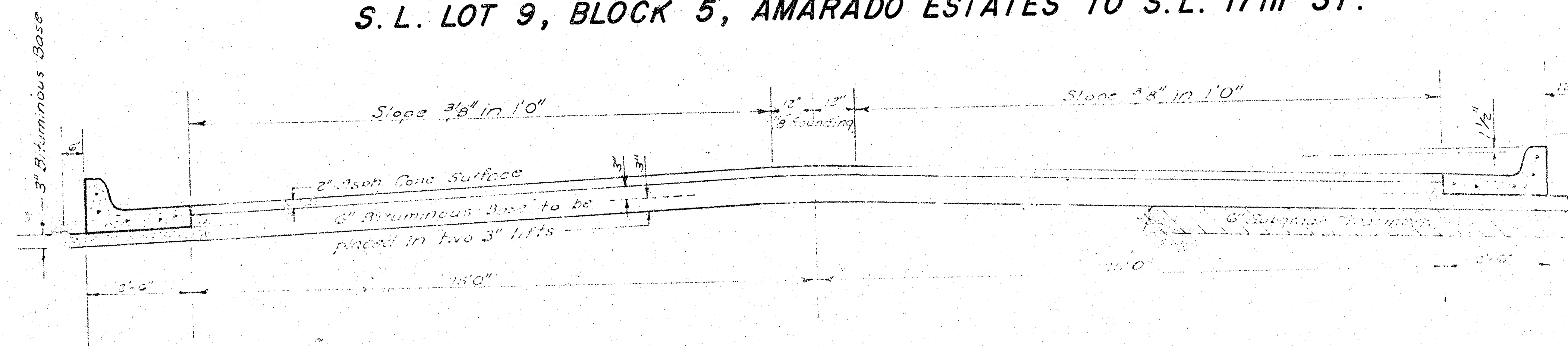


AMARADO CT.
 LOT 9-14, BLOCK 5, - W.L. AMARADO TO & INCL. CUL-DE-SAC.

AMARADO CT.
 LOT 15-20, BLOCK 5, - W.L. AMARADO TO & INCL. CUL-DE-SAC.

AMARADO
 S.L. LOT 9, BLOCK 5, AMARADO ESTATES TO S.L. 17th ST.

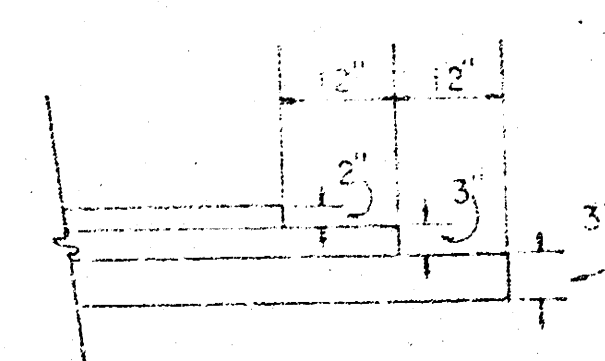


TYPICAL SECTION

35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



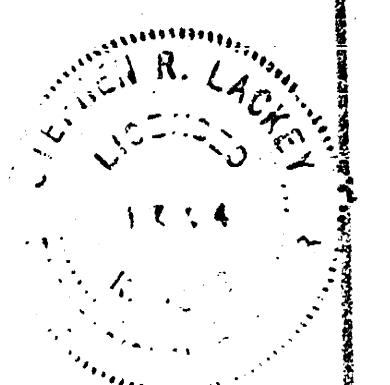
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering Division

D. S. SELLERS ——— ACTING CITY ENGINEER

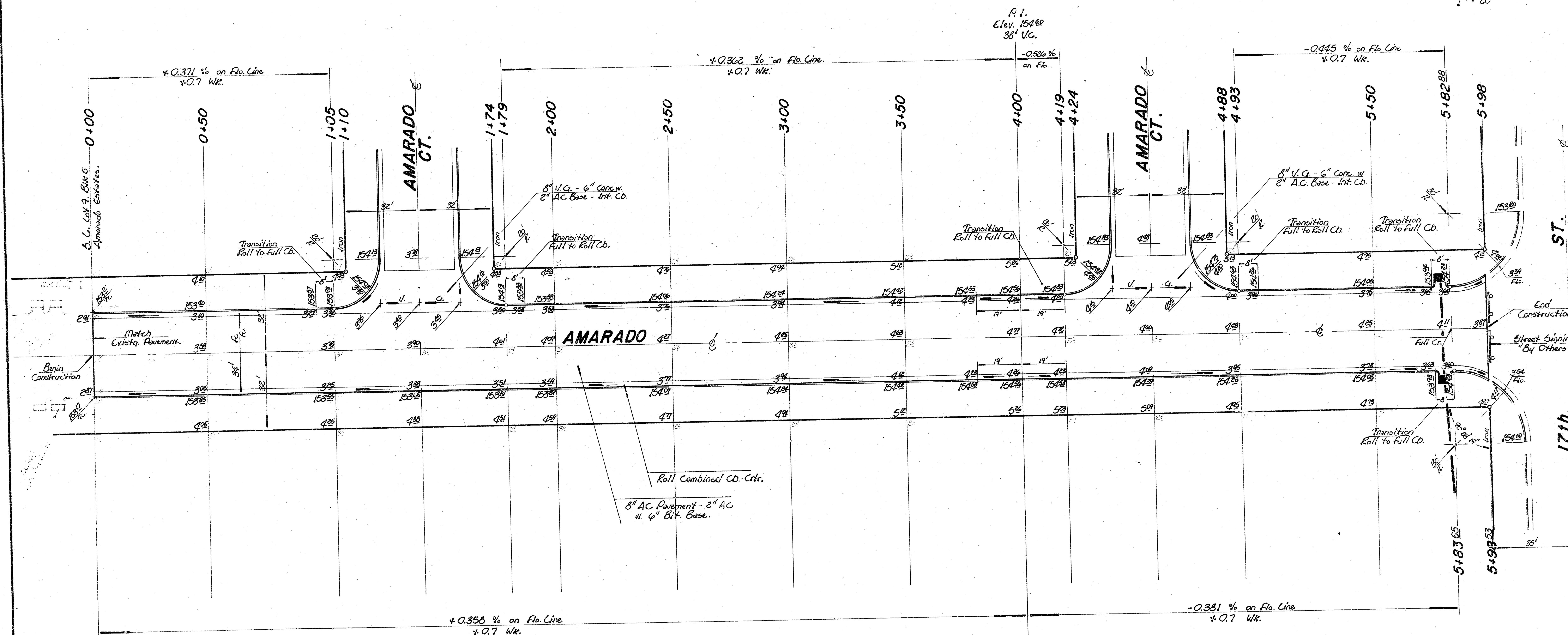
PROJECT NO. 472-76-245-80326-000-000-001



B.M. 153.18 'a' cfr. E.F. Conc. Lvl SWB Cb. (3. Cb of 2) W.L. Amarado Dr. Between Lots 8-9 Blk. 5 Amarado Estates.

Scale:
1" = 20'

Survey
Plan
Elev.
Check



Note: No more than 7-20' Dr's to be constructed.

Roll Type Cb. & Grttr. to be constructed on this project.

SUB-GRADE

TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

Property	Quantity
Exc. = 198.0 CY	Comb. Fill = 119.7
+10% = 19.8 CY	+10% = 12.9
Total = 217.8 CY	Total = 131.7
Manipulation = 4070 CY	

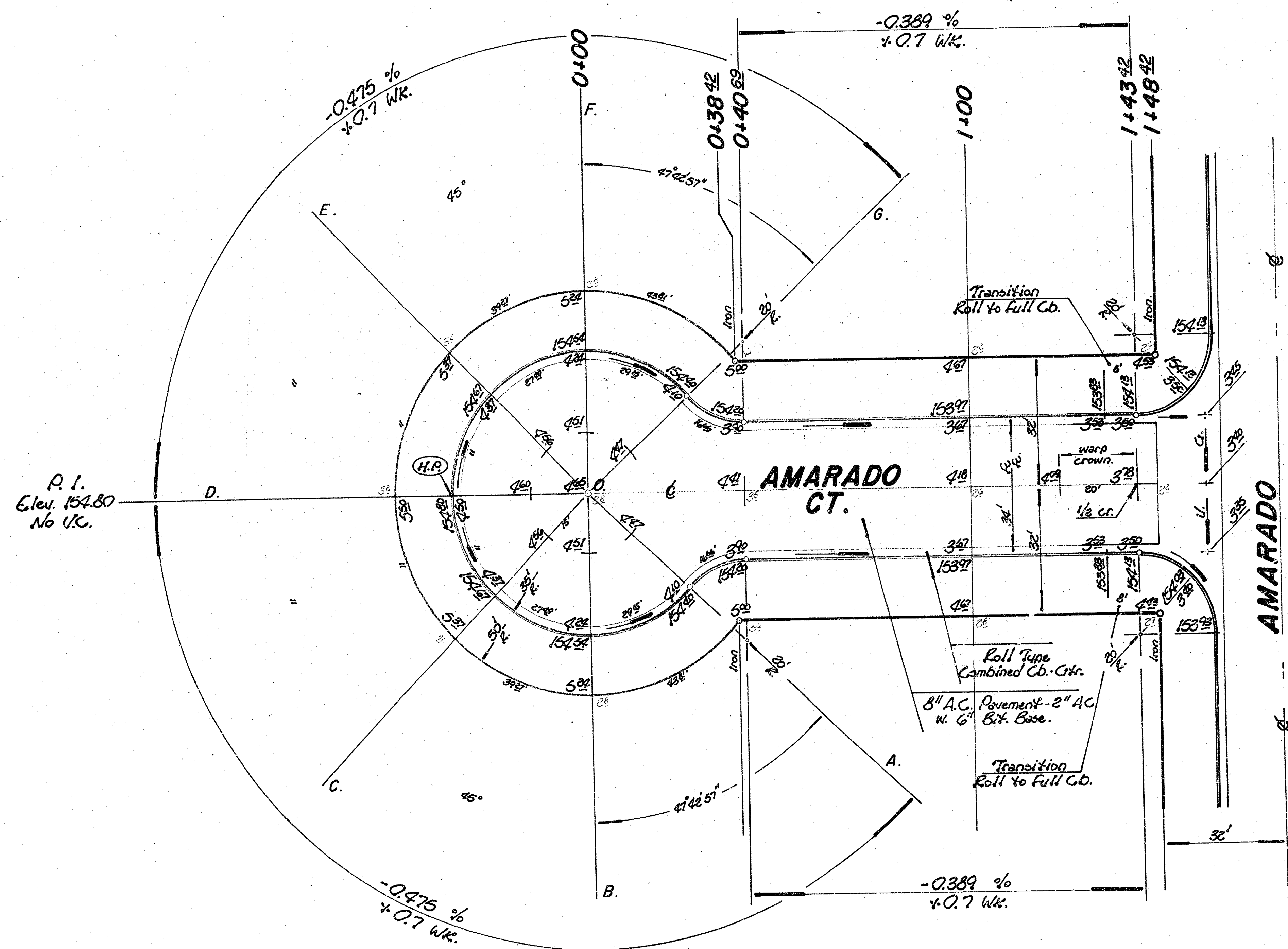
Quantity	Quantity
Exc. = 20.5 CY	Comp. Fill = 2.9 CY
+10% = 2.1 CY	+10% = 0.3 CY
Total = 22.6 CY	Total = 3.2 CY
Manipulation = 407 CY	

Note:

Pavement Contractor to Co-ordinate Construction w. that of Vallejueve & Vallejueve Cts. (Proj. No. 472-76-245 80877-000-000-001 & 472-76-245 80878-000-000-001) in order to utilize the excess earthwork for construction of this project.
Pavement Contractor to Co-ordinate Construction w. the Storm Sewer Contractor.
Field Engineer to take 'ties' and any 'drone' moved or destroyed during Constr. shall be replaced.
Roll-Type Cb. & Grt. to be constructed on this proj. Transition Sections to be paid as Roll-Type Cb. & Grt.
Contractor to contact Utility Co's for underground line location. Water lines to be located prior to construction.

AMARADO

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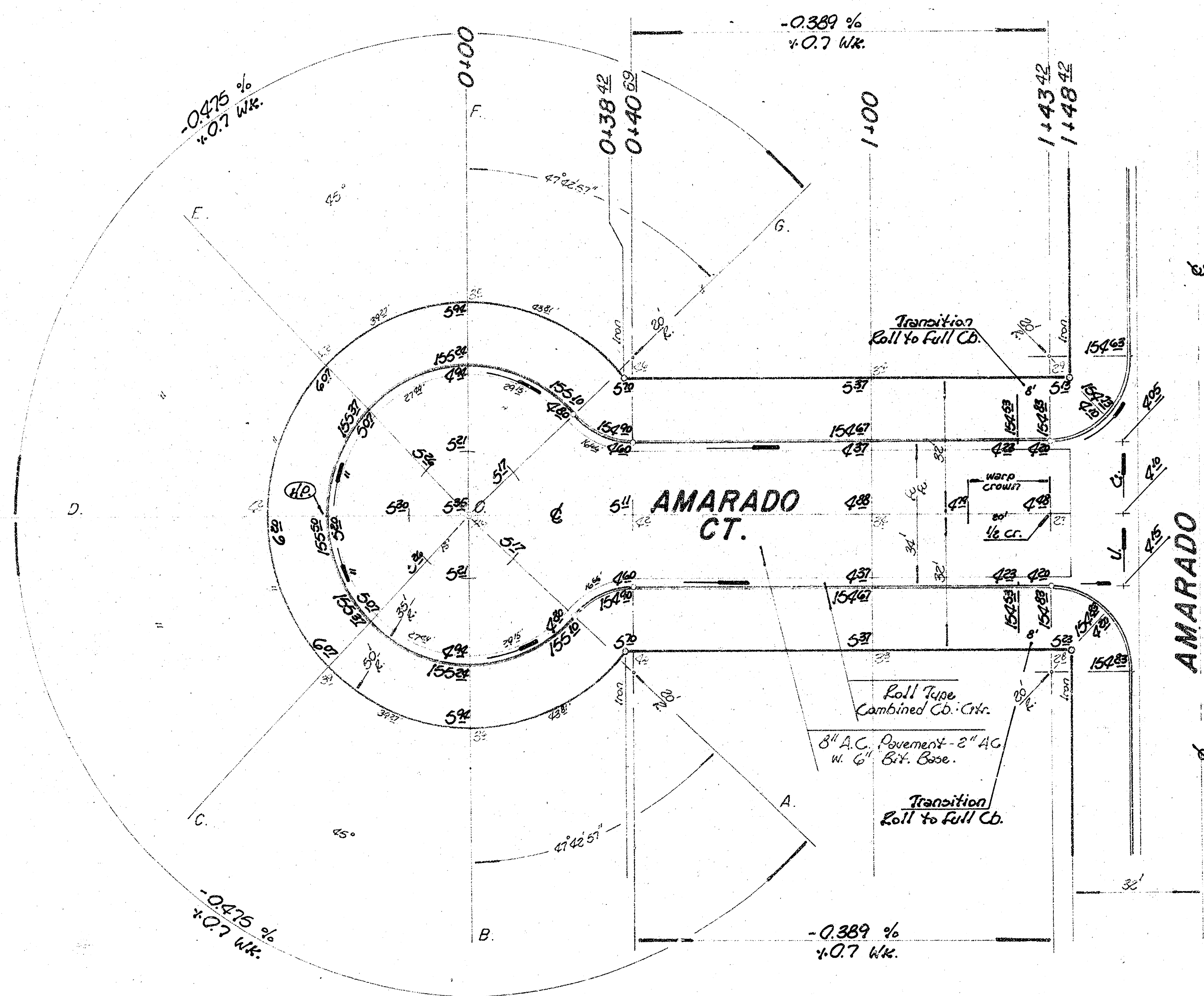


Roll Type Cb. & Curb to be constructed on this project.

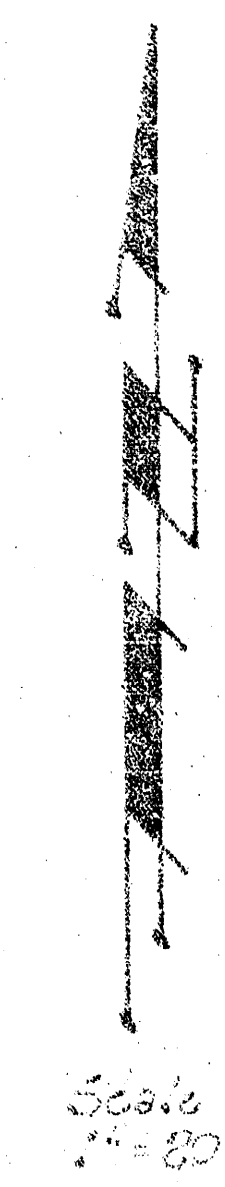


AMARADO CT.
LOT 9-14

P. I.
Elev. 155.50
No U.C.



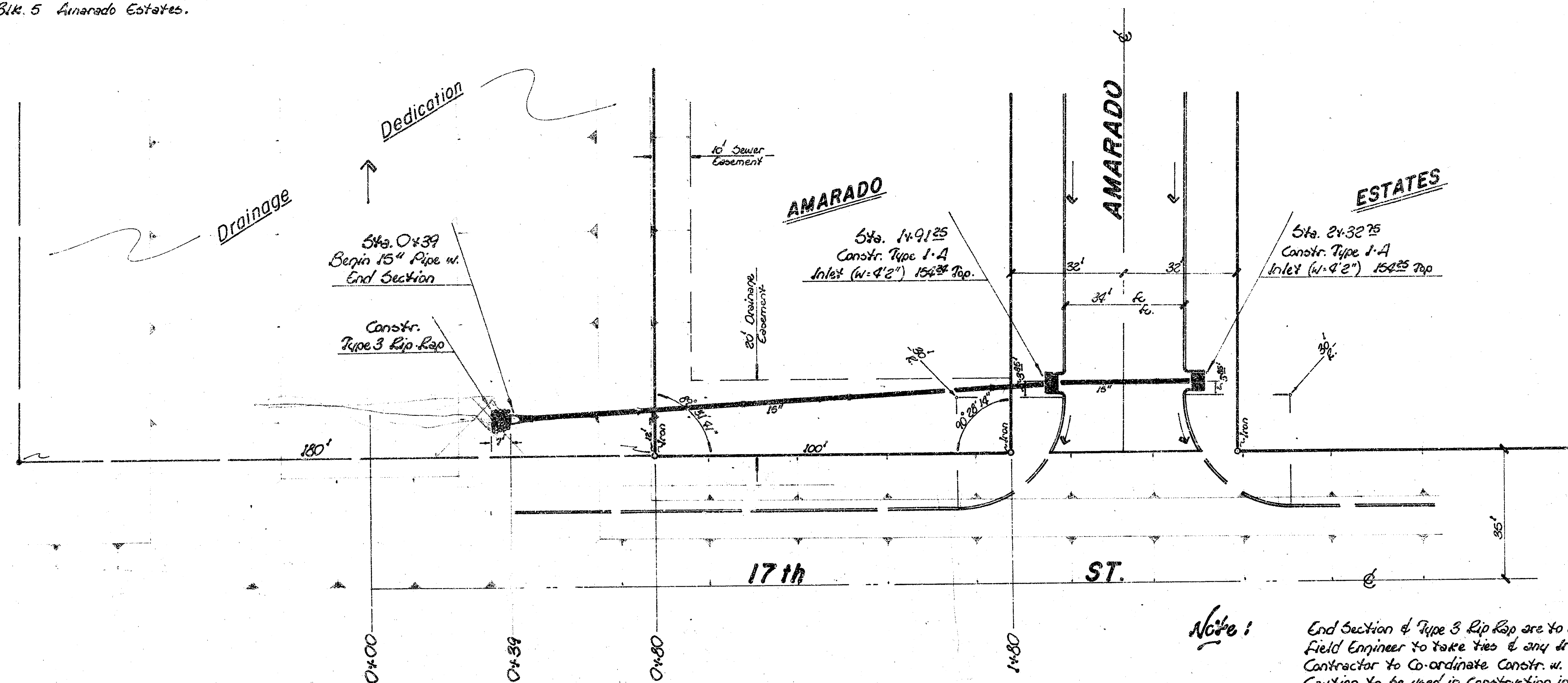
Roll Type Cb & Cutter to be constructed
on this project.



AMARADO CT.
LOT 15-20

4/6

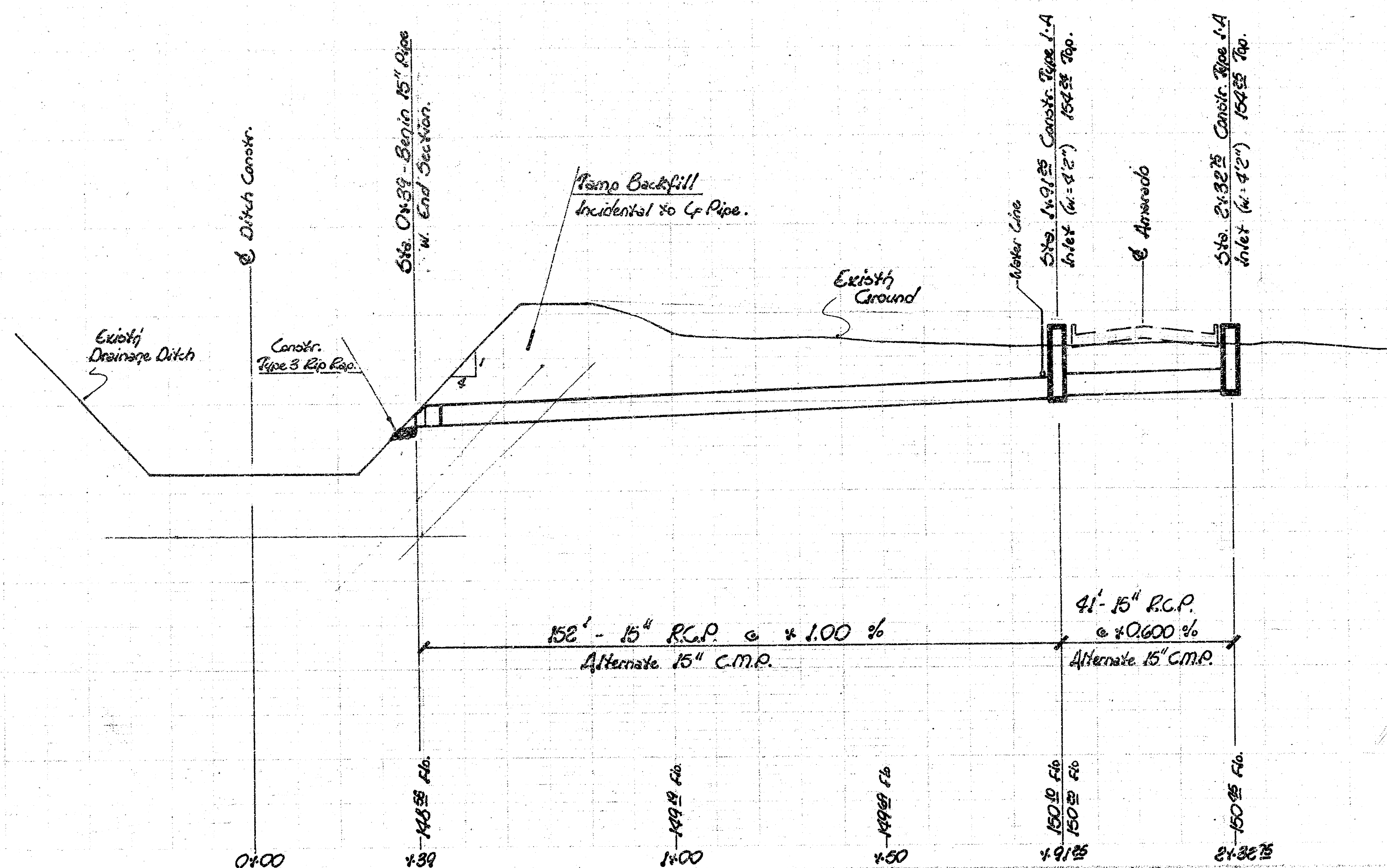
B.M. 15318 'a' City E. & F. Conc. Lid SWS Co. (S. Co. of 2) W.L. Amarado Dr.
Between Lots 8-9 Blk. 5 Amarado Estates.



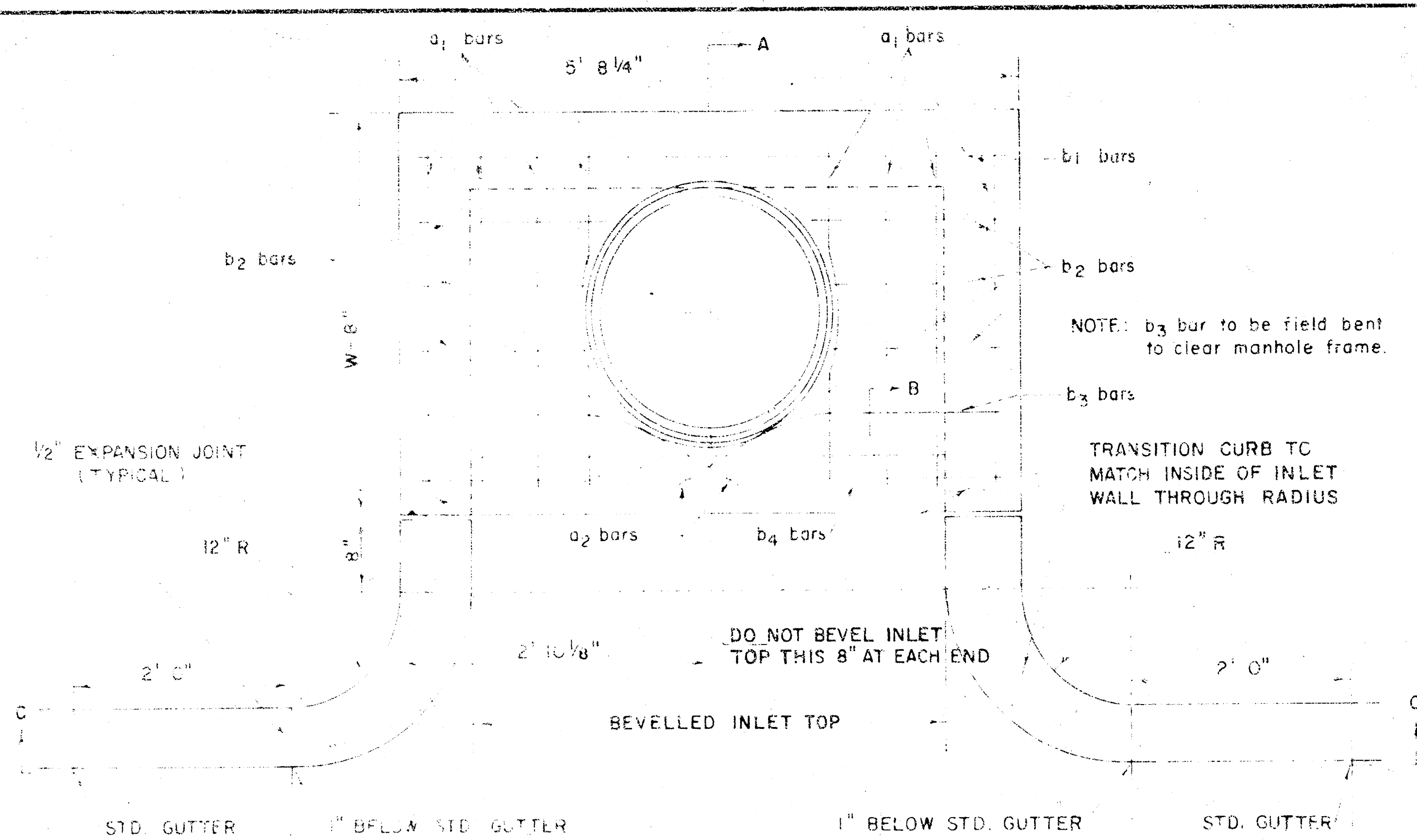
Scale - Plan 1"=20'
Profile 1"=5' Vert.
1"=20' Hor.

Note:
End Section of Type 3 Rip Rap are to be considered as incidental to C.F. Pipe. Field Engineer to take ties & any drops moved or destroyed shall be replaced. Contractor to Co-ordinate Constr. w/ Pavement Contractor. Caution to be used in Construction in Order to keep sewer pipe well inside of the 20' Drainage Easement as much as possible. Contractor has the option of constructing Pre-Cast Conc. Inlets Type 1-A - See Detail Sheet Dated August 79.

155
150
145



Incidental Drainage in Connection w.
AMARADO CT'S & AMARADO
CITY OF WICHITA, KS.
D. S. Sellers - Acting City Engineer
Project No. 472-76-245-80326-000-000-001
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STEEL SCHEDULE

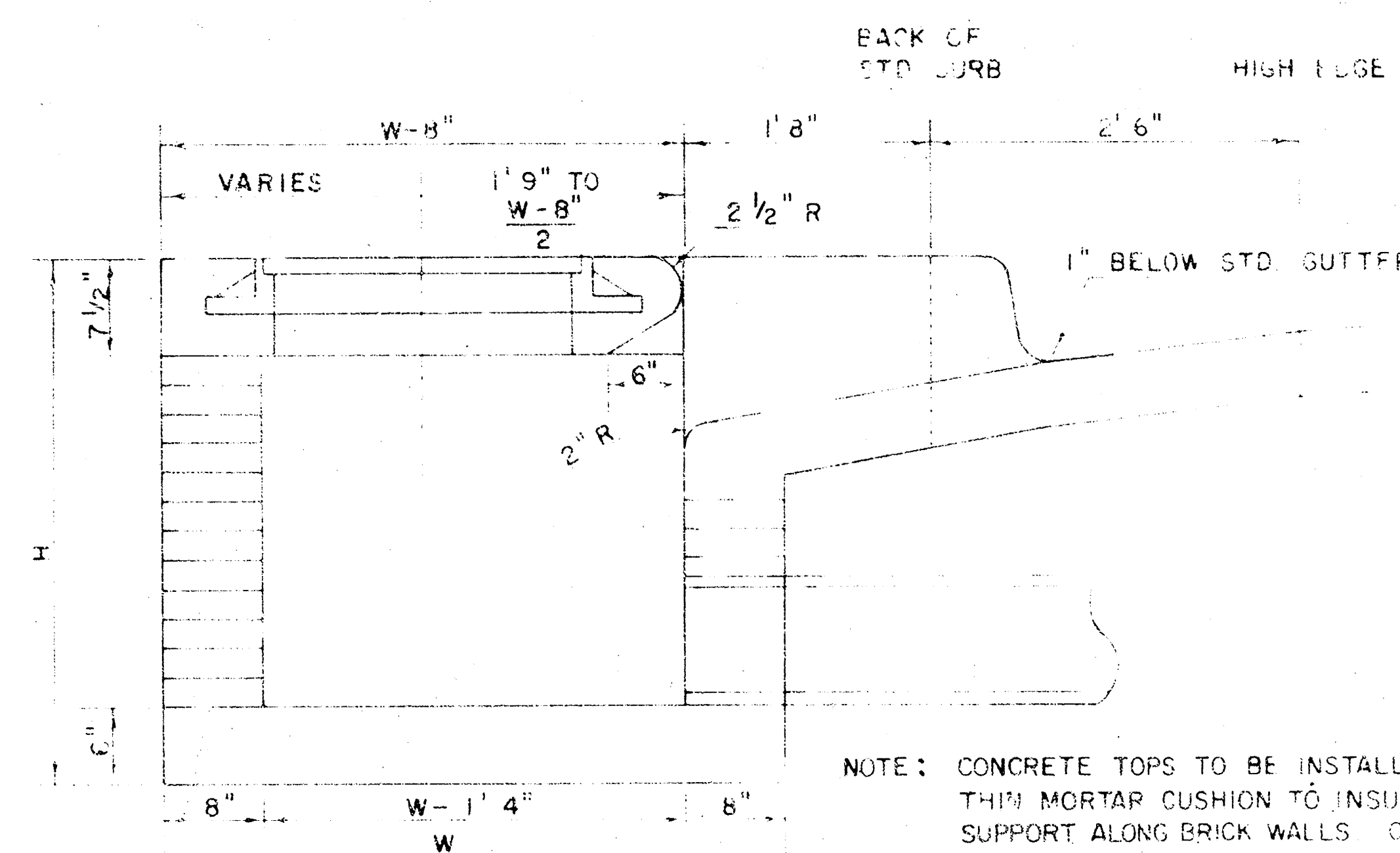
BAR	a ₁	a ₂	b ₁	b ₂	b ₃	b ₄	WT. LBS.
NUMBER	8	2	1	5	7	9	5
SIZE	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
W=4'2"	6'5"	3'4"	5'5"	—	—	—	60"
W=5'0"	8'1"	4'4"	5'5"	—	—	—	77"
W=6'0"	10'1"	5'4"	5'5"	—	—	—	97"
W=7'0"	11'1"	6'4"	5'5"	—	—	—	111"
W=8'0"	12'1"	7'4"	5'5"	—	—	—	124"

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

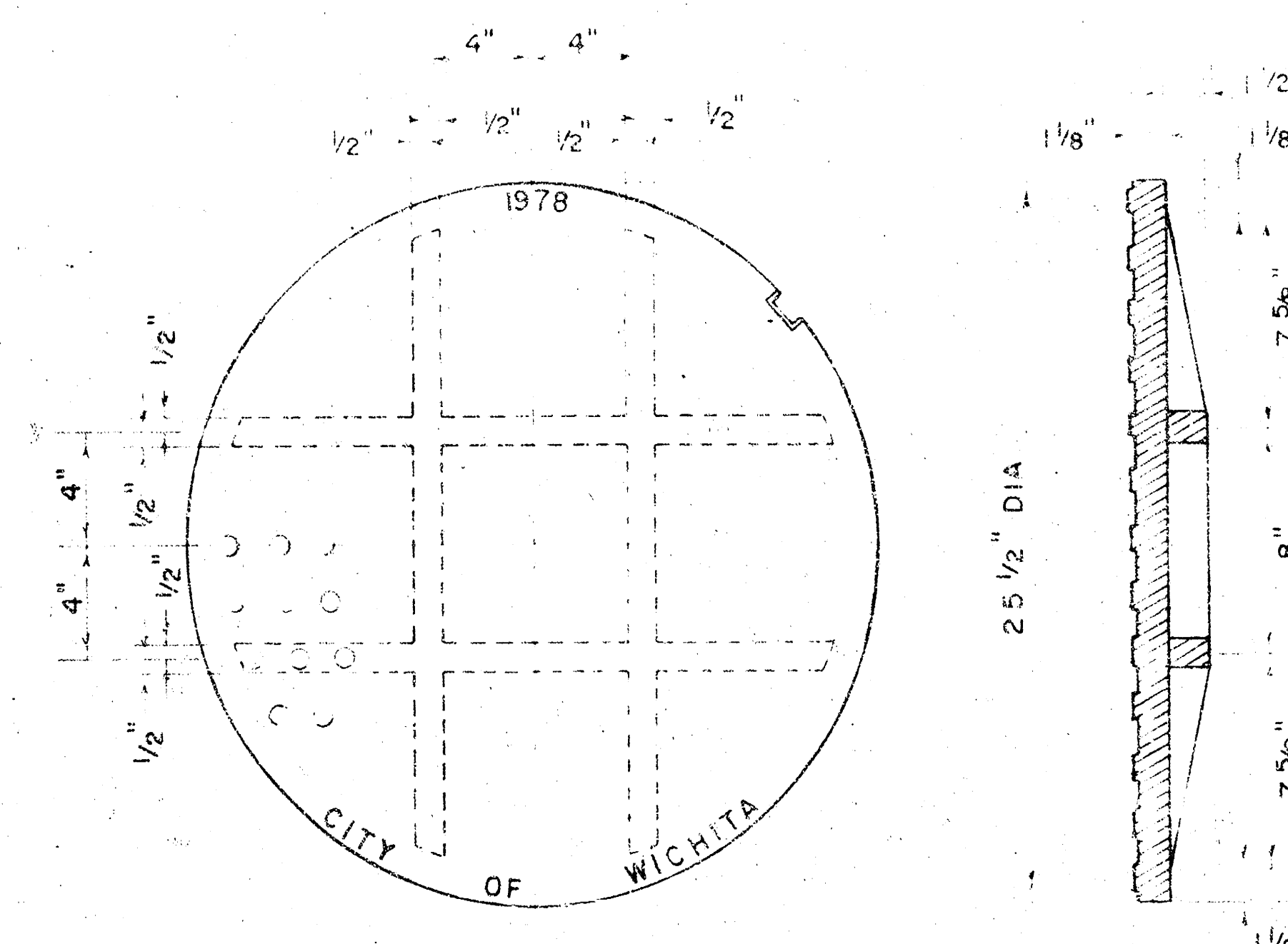
BENDING DIAGRAM

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 2"	36" x 5' 8 1/4" x 7 1/2"	21" & SMALLER	0.46 *
5' 0"	44" x 5' 8 1/4" x 7 1/2"	24" & 30"	0.57 *
6' 0"	54" x 5' 8 1/4" x 7 1/2"	36" & 42"	0.71 *
7' 0"	64" x 5' 8 1/4" x 7 1/2"	48" & 54"	0.84 *
8' 0"	74" x 5' 8 1/4" x 7 1/2"	60" & 66"	0.97 *

* GROSS VOLUME

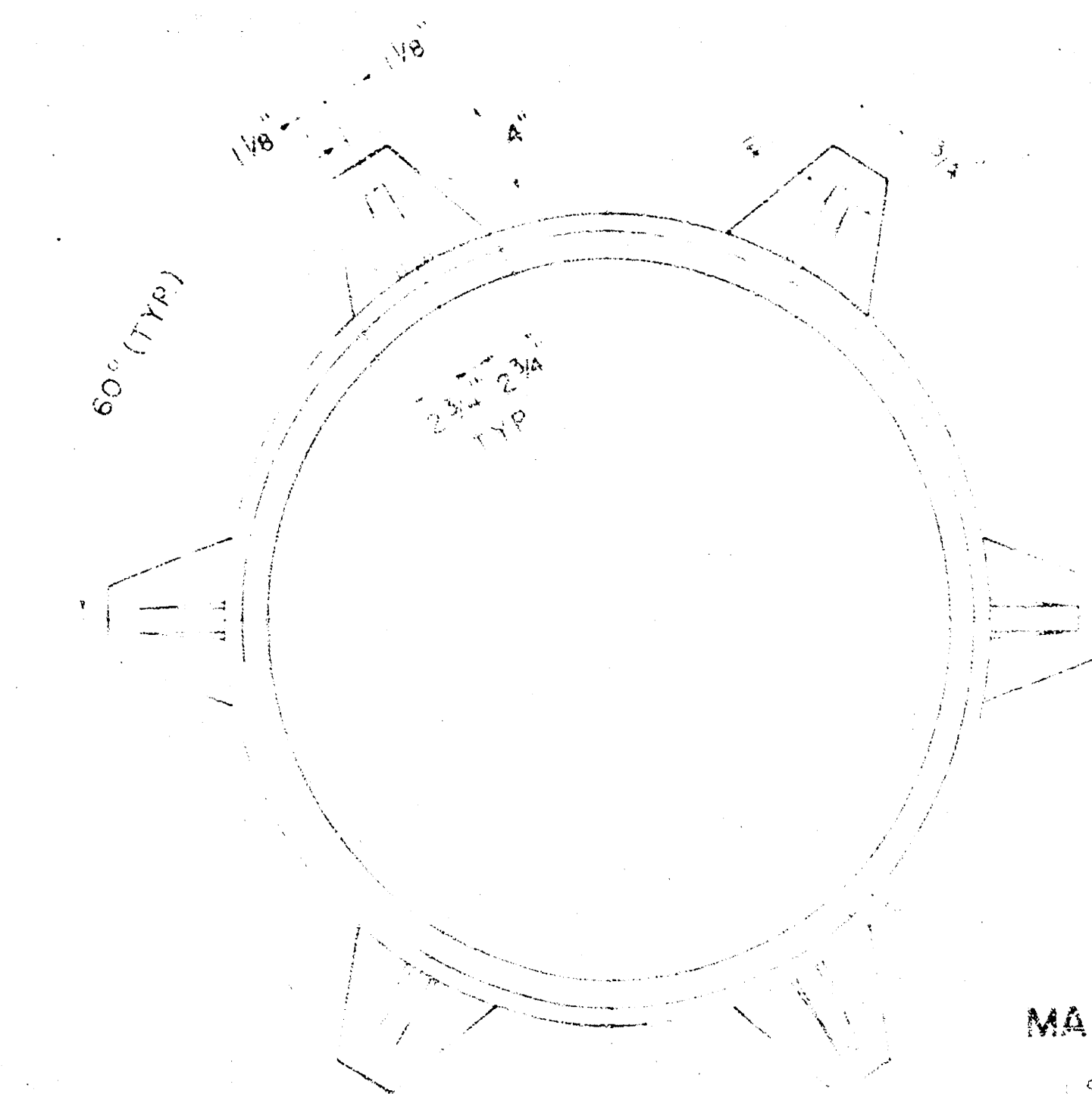


SECTION A-A
(SCALE 1" = 1' 0")



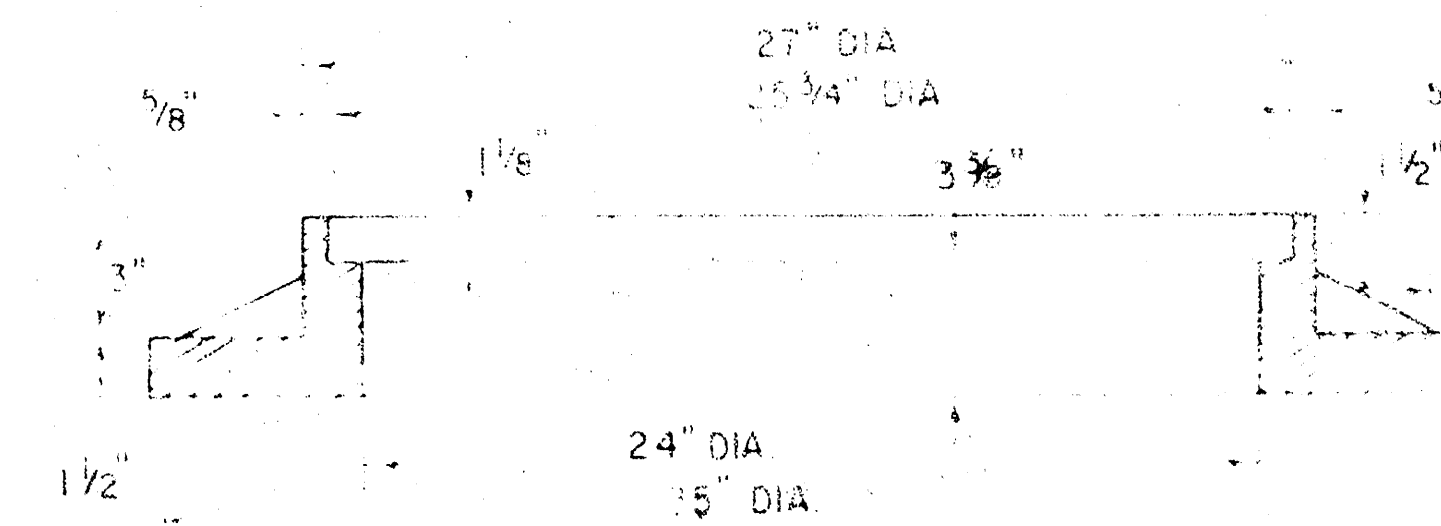
MANHOLE COVER

(SCALE 1" = 6")
WEIGHT = 170 LBS.



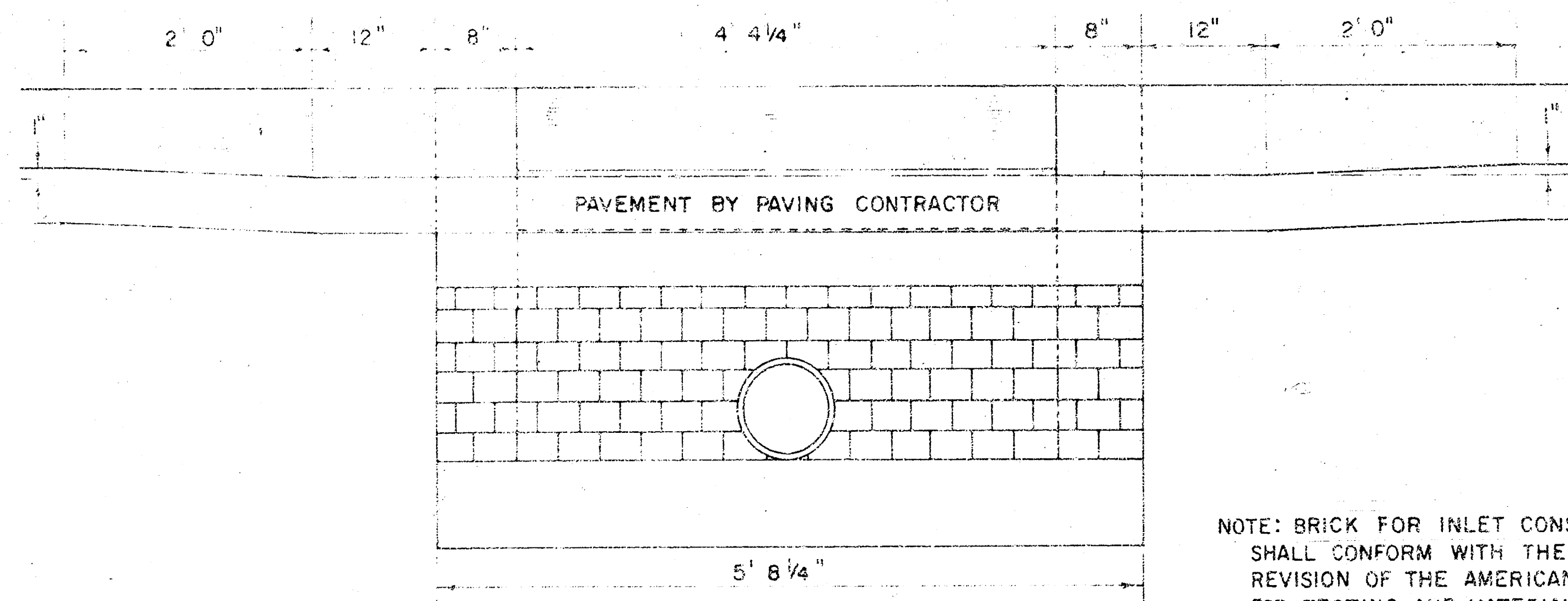
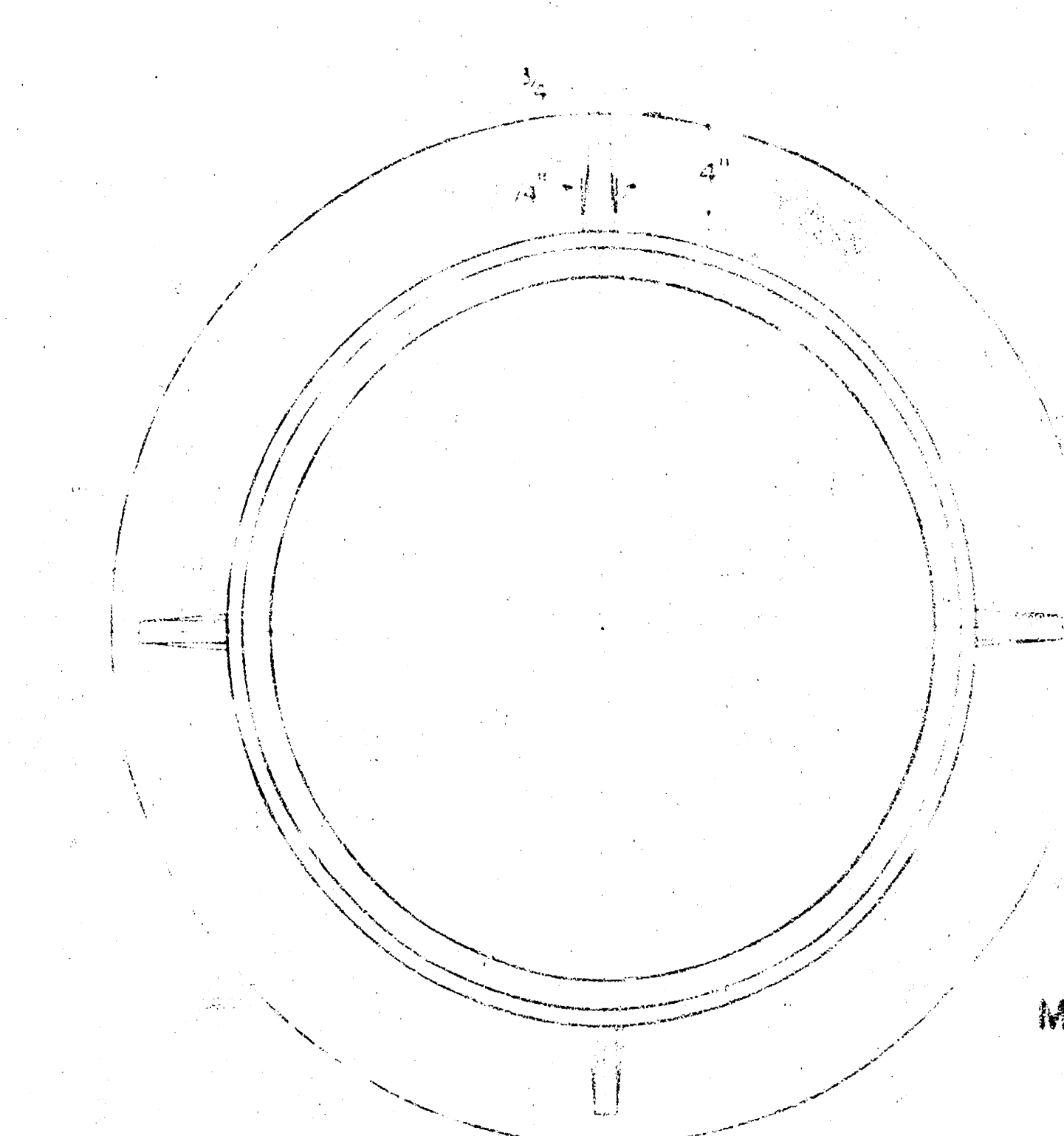
MANHOLE FRAME

(SCALE 1" = 6")
WEIGHT = 180 LBS.



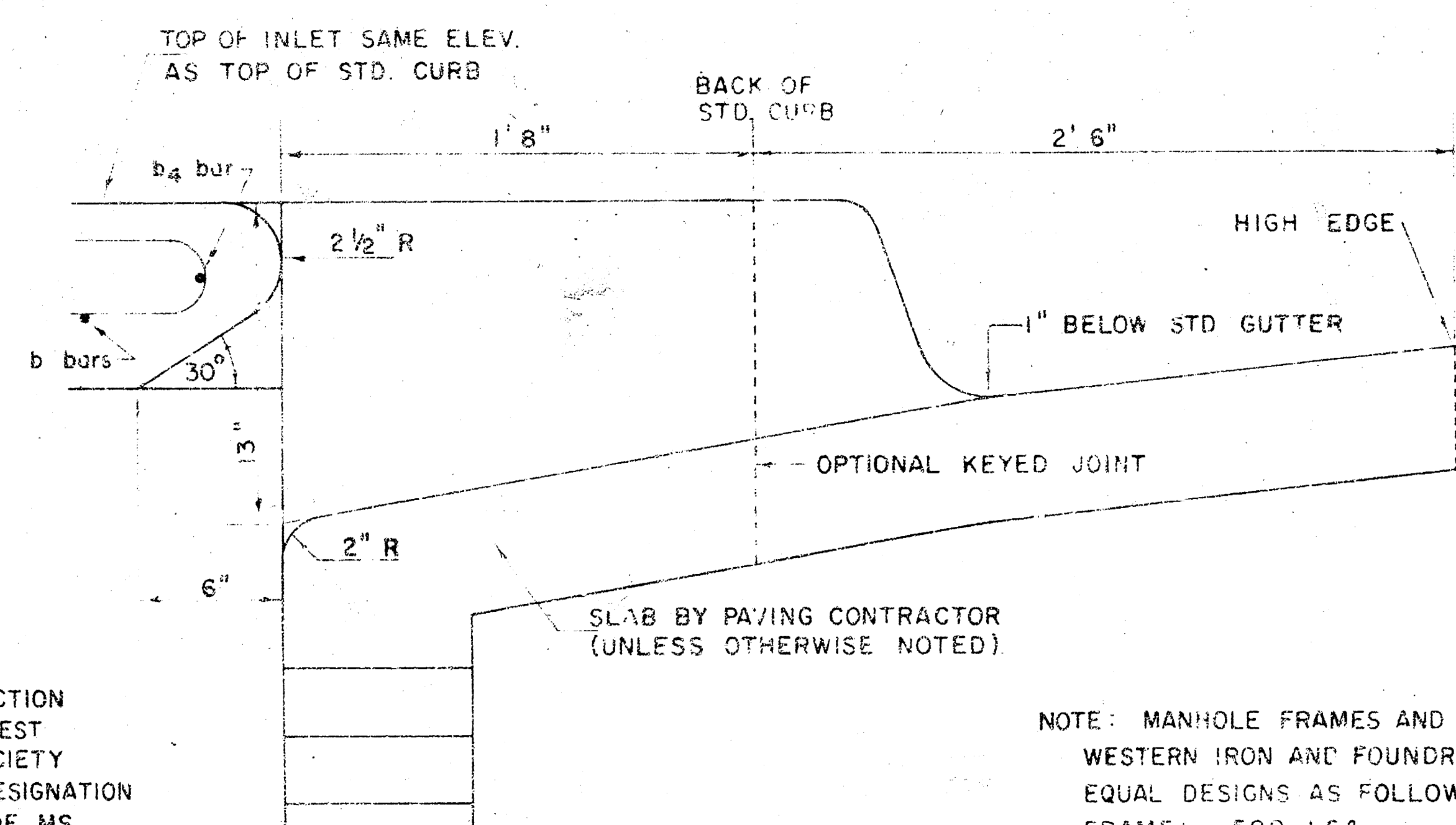
MANHOLE FRAME
(ALTERNATE)

(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"

DETAIL STANDARD TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

R. W. LINN — CITY ENGINEER

OCTOBER 1978

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