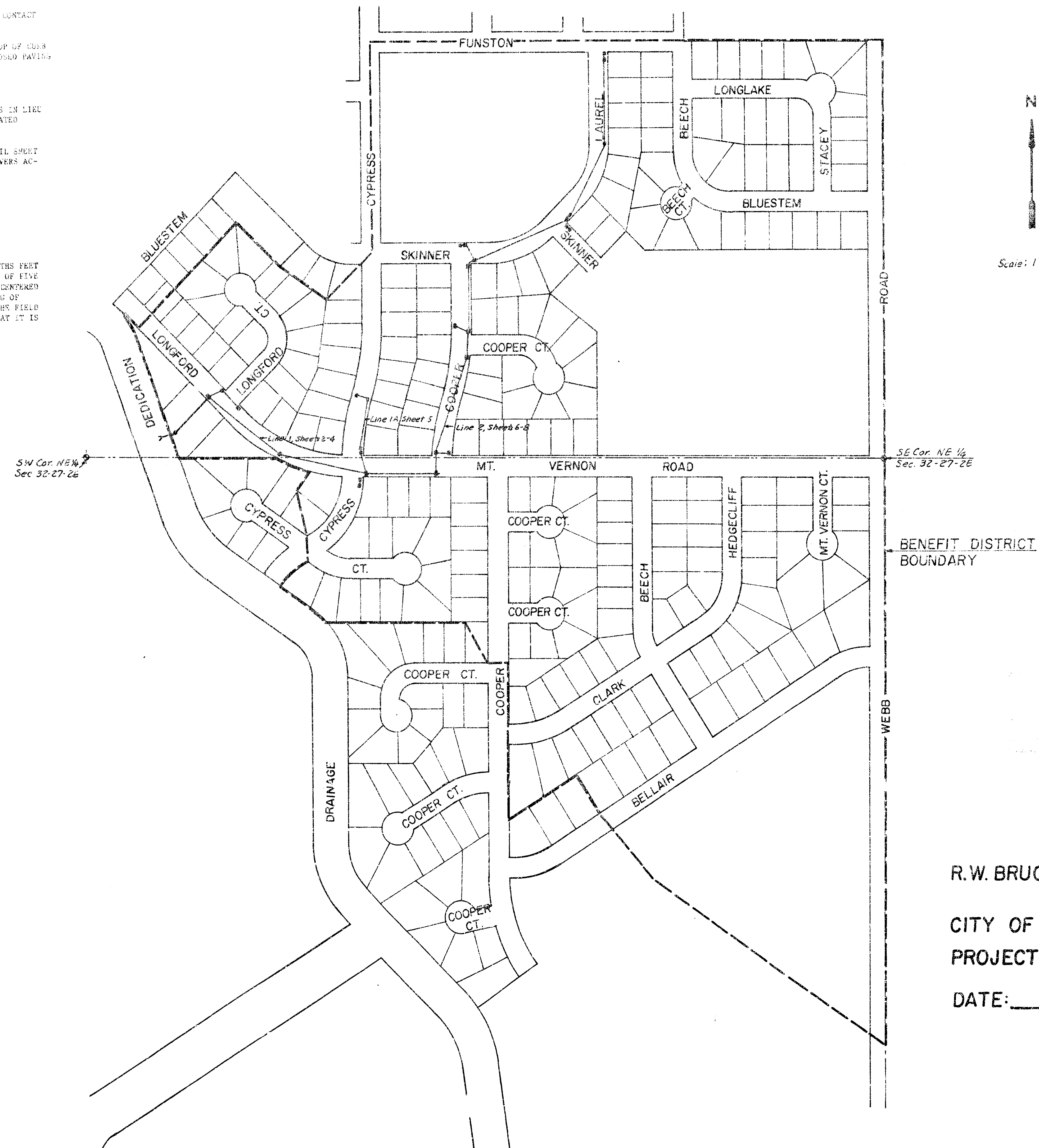


GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WORK WITH PAVING AND EXISTING CONTRACTORS, AND CONTACT RELEVANT UTILITY COMPANIES AND OTHER AGENCIES INVOLVED WITH THIS PROJECT.
2. THE TOPS OF CURBS AS SHOWN ON THIS PLAN MAY VARY UP AS TO THE PROPOSED TOP OF CURB ELEVATION. THE FIELD ENGINEER SHALL ADVISE AGENCIES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
3. ALL CONCRETE SHALL BE "STANDARD PAVING MIX" UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING THE BEST TYPE 14 CURB INSTEAD IN LIEU OF THE PRICE TYPE SIGNATURE. SEE STANDARD DETAIL PRE-CAST TYPE 14 INLET DATED AUGUST, 1979.
5. INLET DETAILS SHALL CONFORM TO THE REQUIREMENTS SHOWN ON THE STANDARD DETAIL SHEET FOR THE TYPE SELECTED. INLETS WITH CONCRETE TOPS SHALL HAVE RINGS AND COVERS ACCORDING TO THE FOLLOWING SCHEDULE.

LEAF LENGTH (FEET)	NUMBER OF RINGS & COVERS
5	1
6-10	2
11-15	3
16-20	4

THE RINGS SHALL BE SPACED SUCH THAT THERE IS A MAXIMUM OF TWO AND FIVE-TENTHS FEET (2'-5") FROM THE INSIDE OF THE WALL TO THE CENTER OF THE RING AND A MAXIMUM OF FIVE FEET (5') FROM CENTER TO CENTER BETWEEN RINGS. RINGS AND COVERS SHALL BE CENTERED BETWEEN THE FRONT AND THE BACK OF THE CONCRETE TOPS. THE NUMBER OF SPACING OF RINGS WITH COVERS MAY VARY FROM THIS SPECIFICATION ONLY WHEN APPROVED BY THE FIELD ENGINEER. AT LEAST ONE (1) MANHOLE RING AND COVER SHALL BE PLACED SUCH THAT IT IS ALIGNED WITH THE CENTERLINE OF THE OUTFALL PIPE OR PIPES.



<u>Index</u>	
Sheet 1	Cover Sheet
Sheet 2-8	Plan & Profile
Sheet 9	Type 22 Curb Inlet
Sheet 10	Type 1A Curb Inlet
Sheet 11	RC Manhole
Sheet 12	Headwall for 60" Pipe

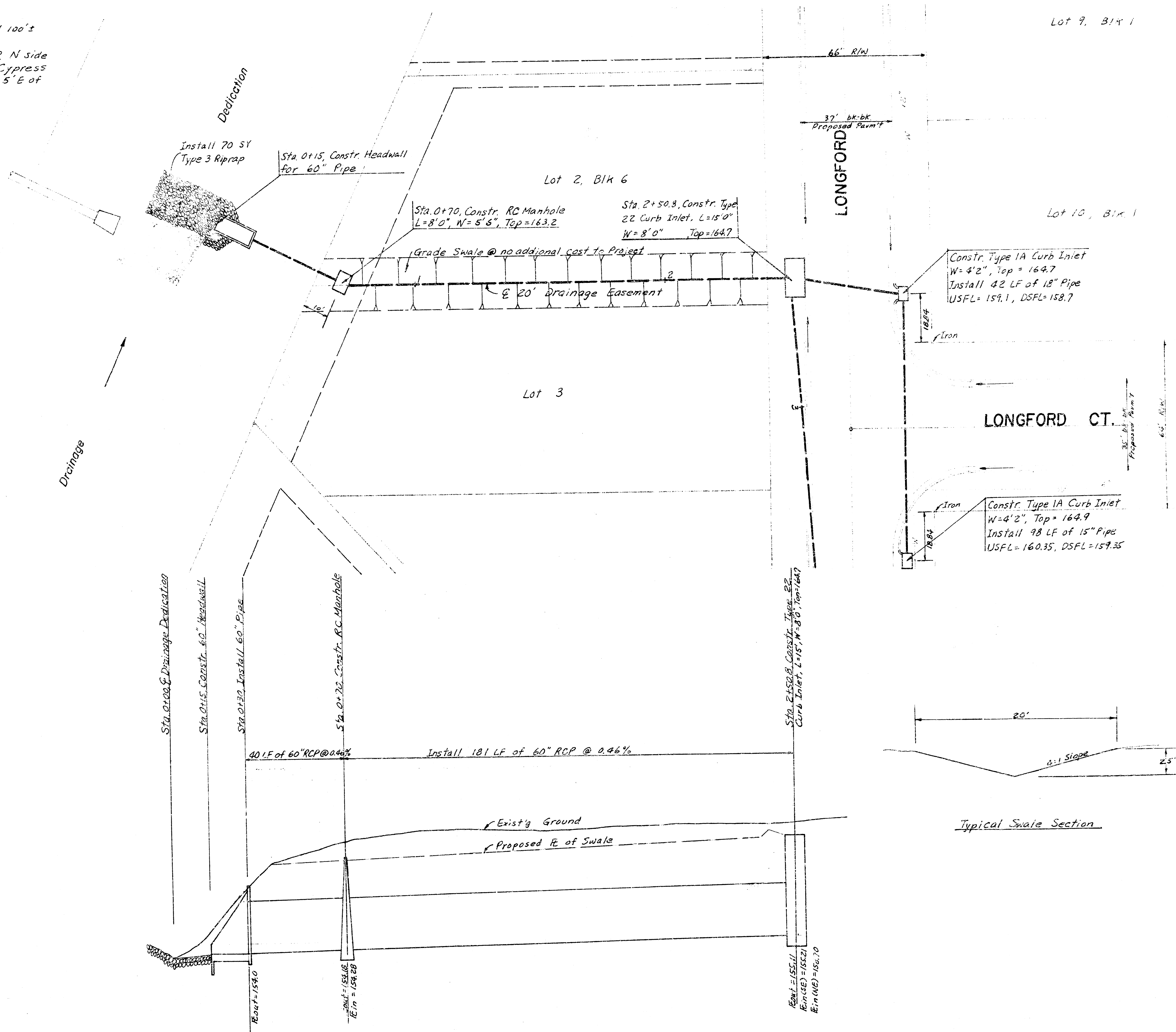
R.W. BRUGGEMAN, DIRECTOR OF ENGINEERING/
CITY ENGINEER
CITY OF WICHITA, KANSAS
PROJECT NO. 468 76 245 81013 000 000 001
DATE: _____

2001

12

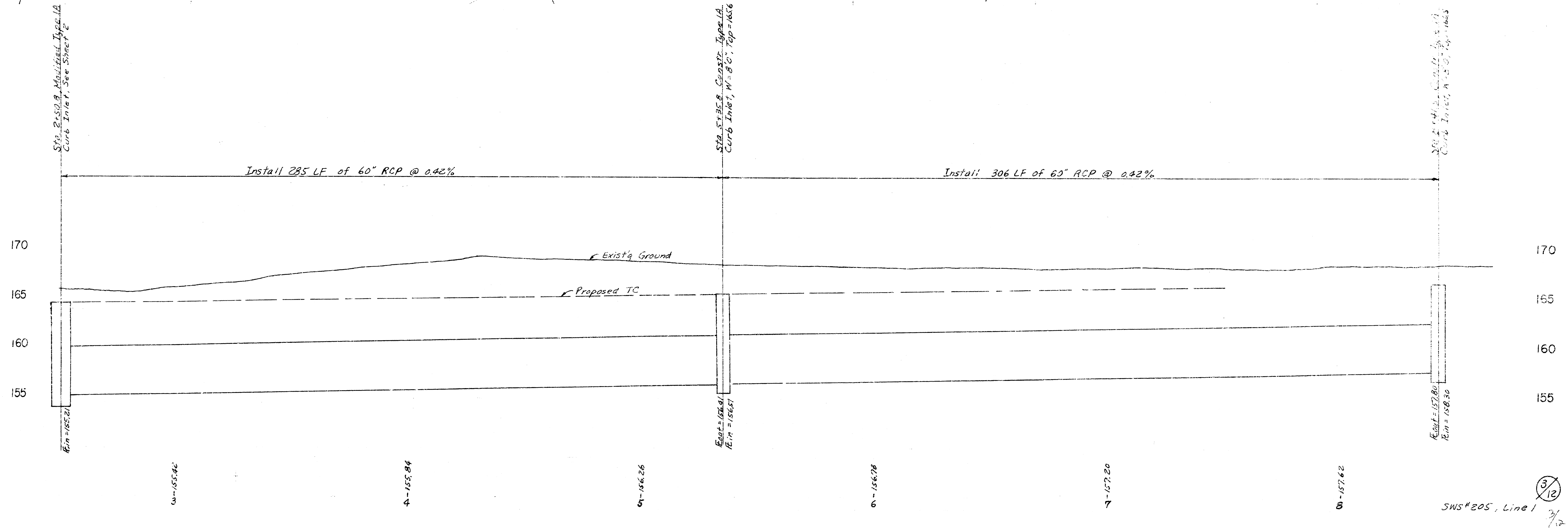
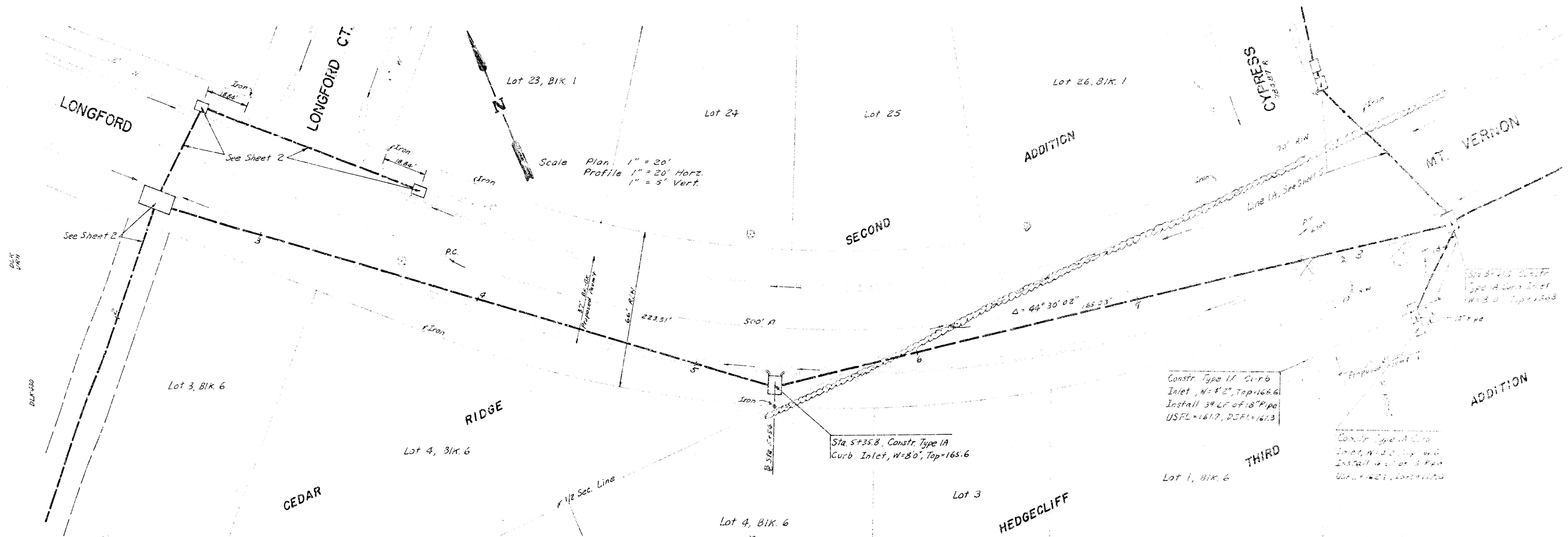
B.M. 160.76 @ Top S-cb Longford 100'±
W of Bluestem
B.M. 169.52 RR Spk SW face H.P. N side
Mt. Vernon East of Cypress
B.M. 170.06 @ Top S-cb Funsten 5' E of
W. L. Cypress

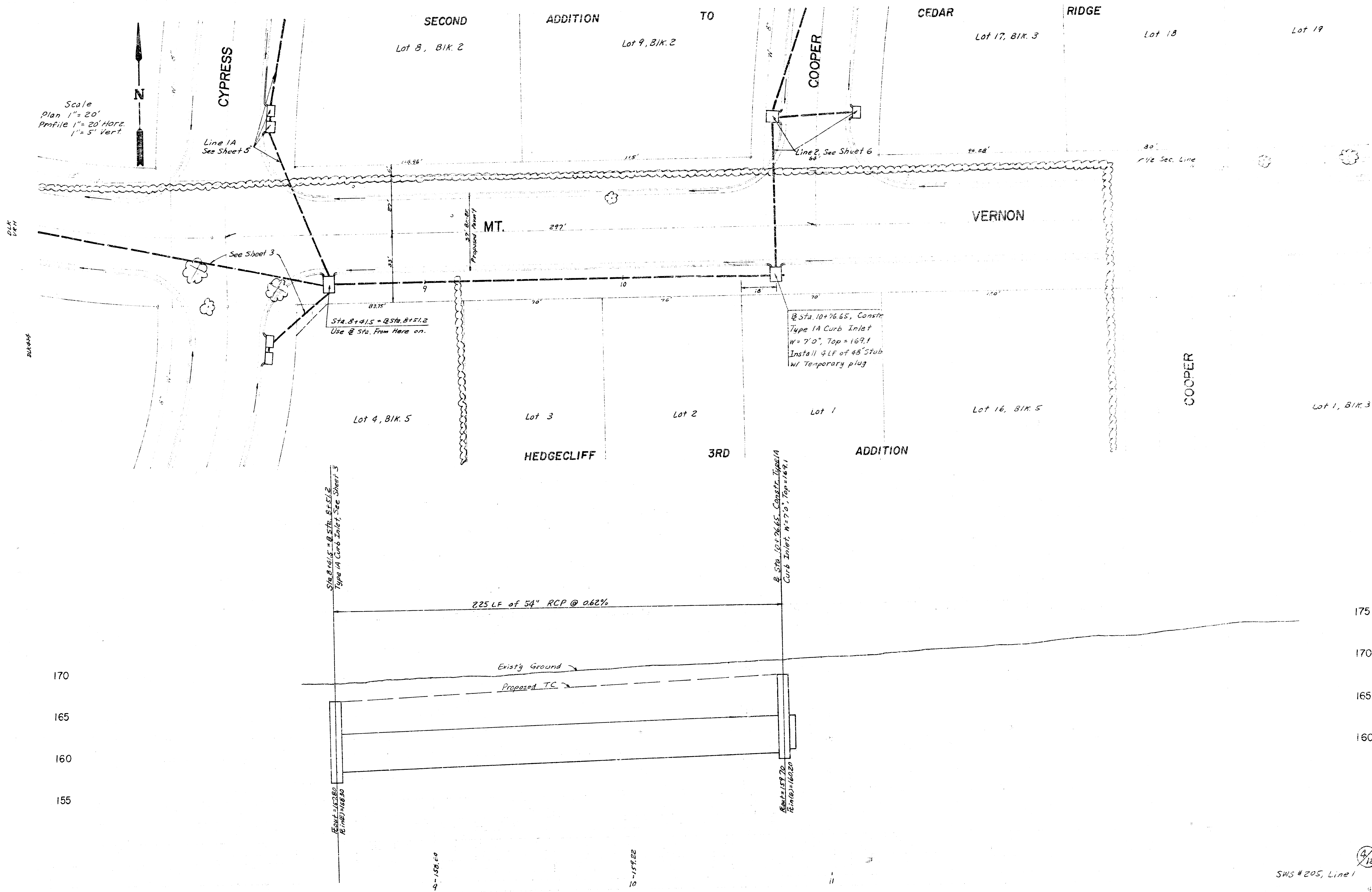
Lot 9, Blk 1

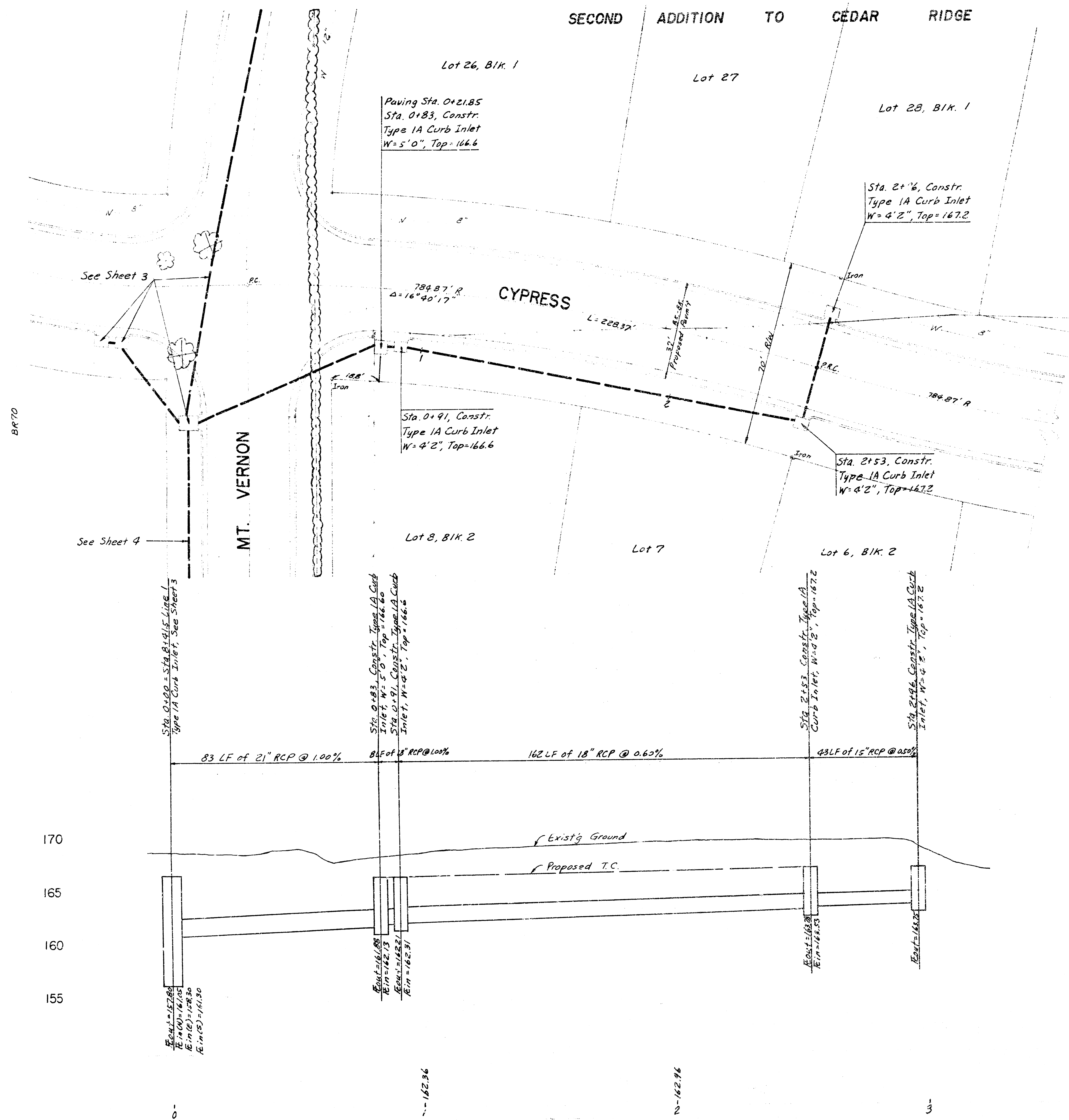


Scale Plan 1" = 33'
Profile 1" = 20' Horiz
1" = 8' Vert

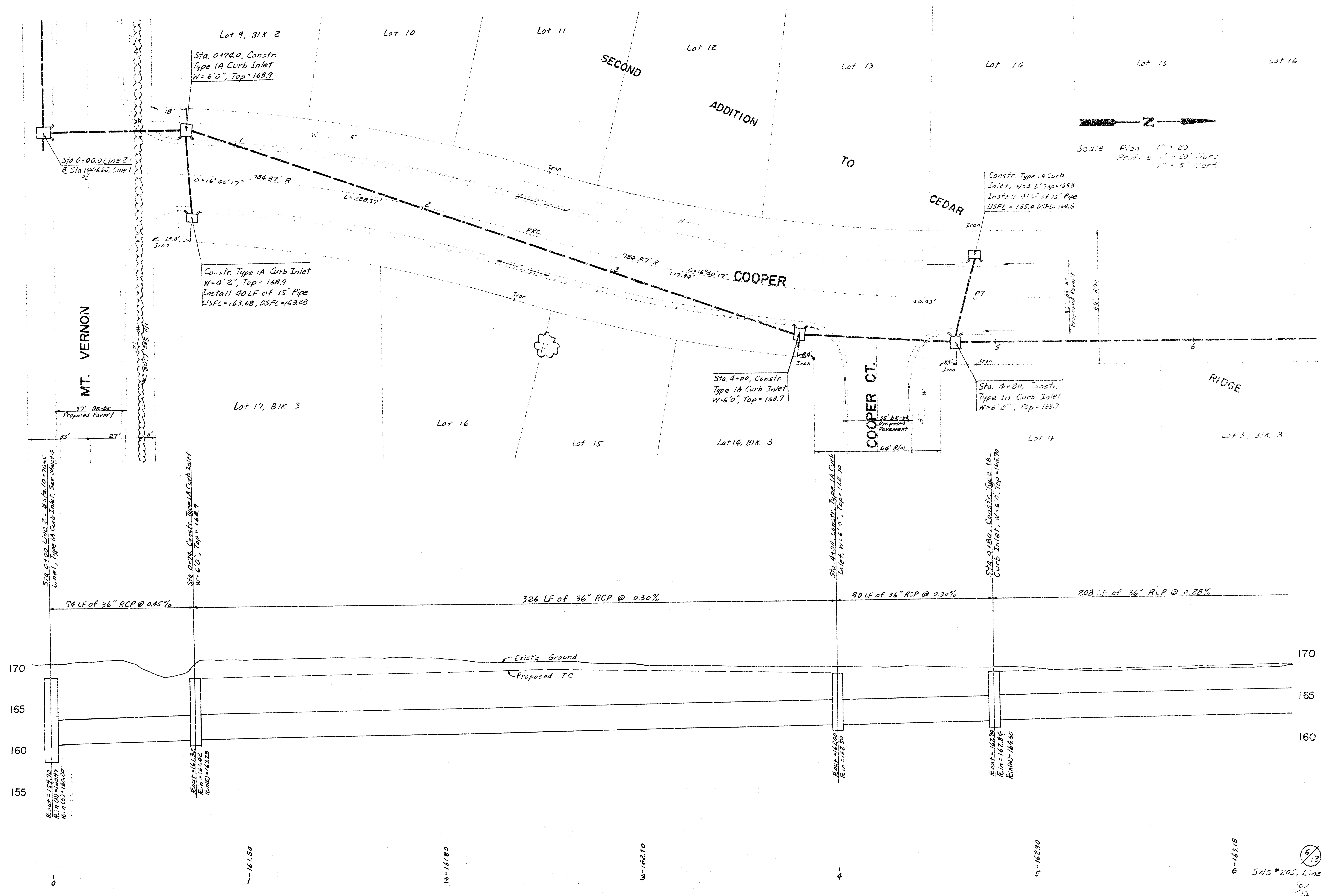
165
160
155

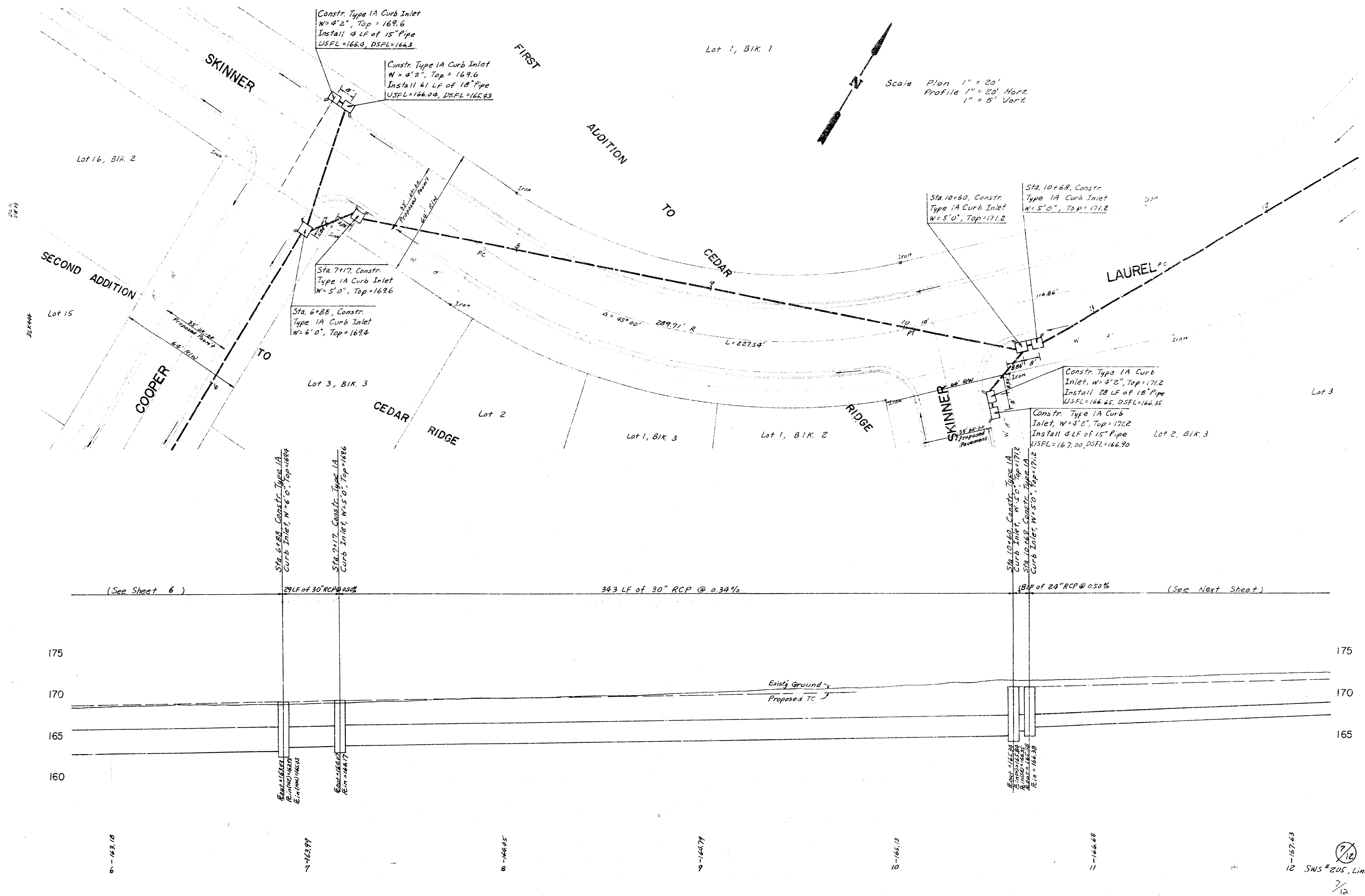






Scale Plan 1" = 20'
Profile 1" = 20' Horz.
1" = 5' Vert.



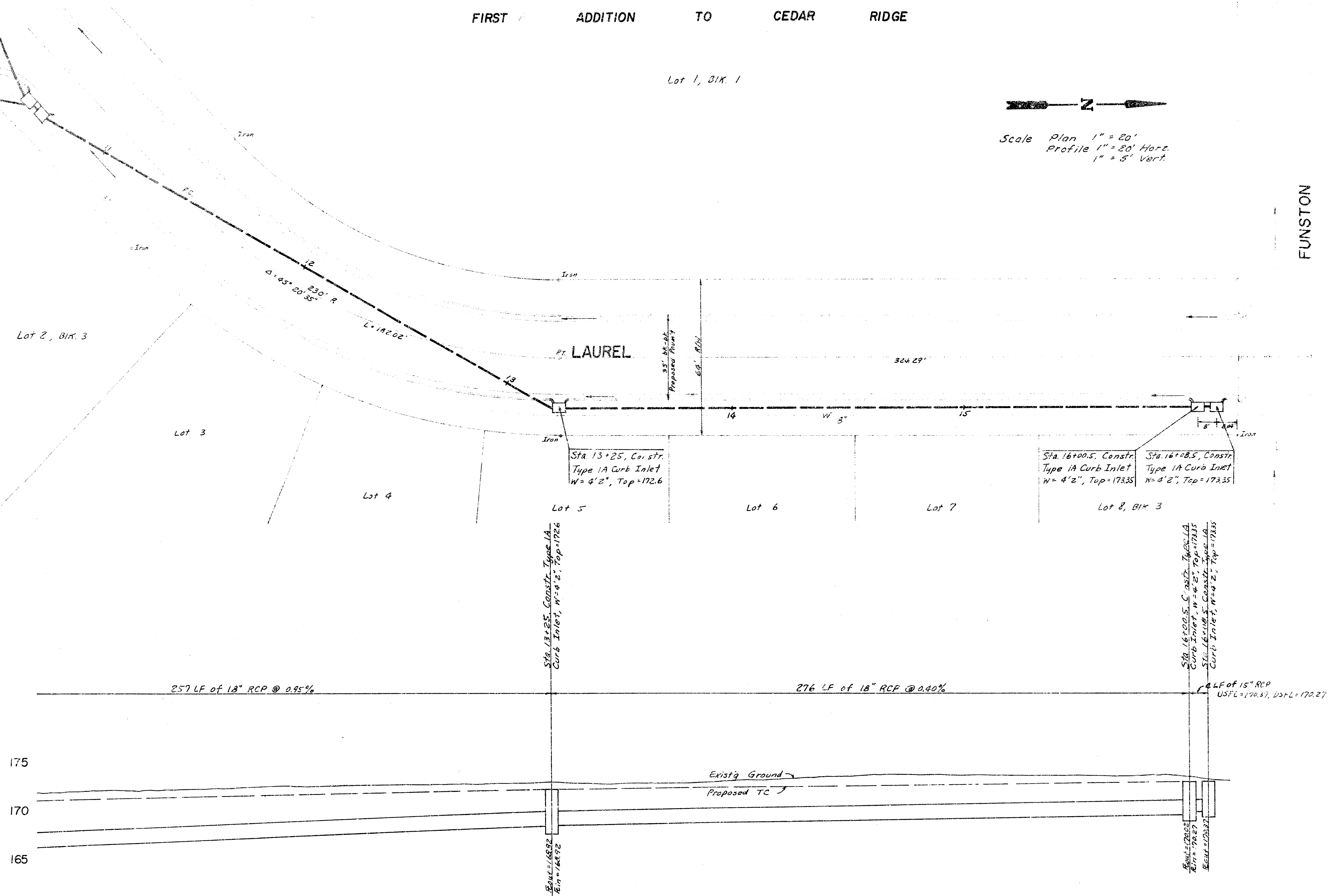


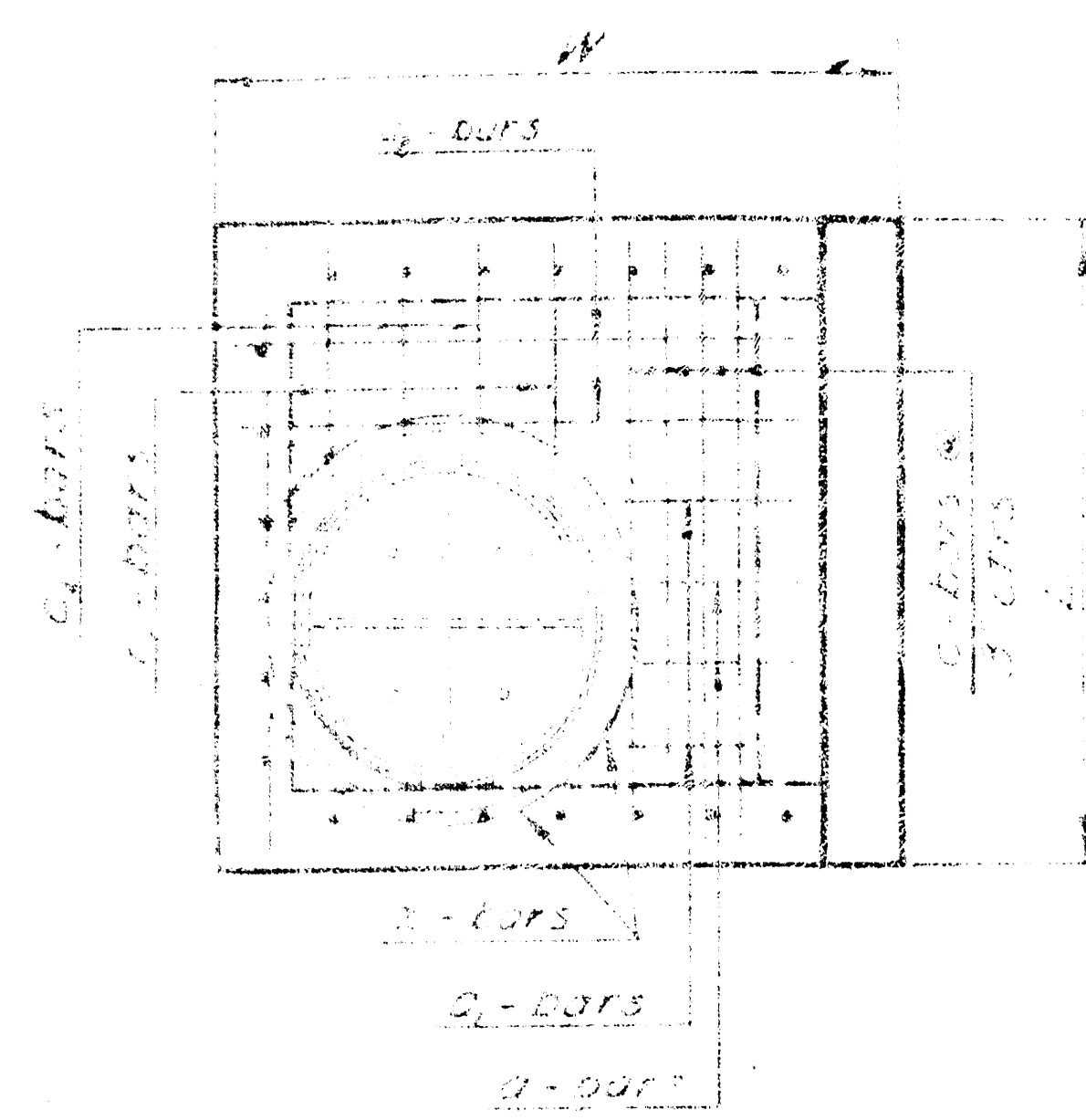
FIRST ADDITION TO CEDAR RIDGE

Lot 1, BIR 1

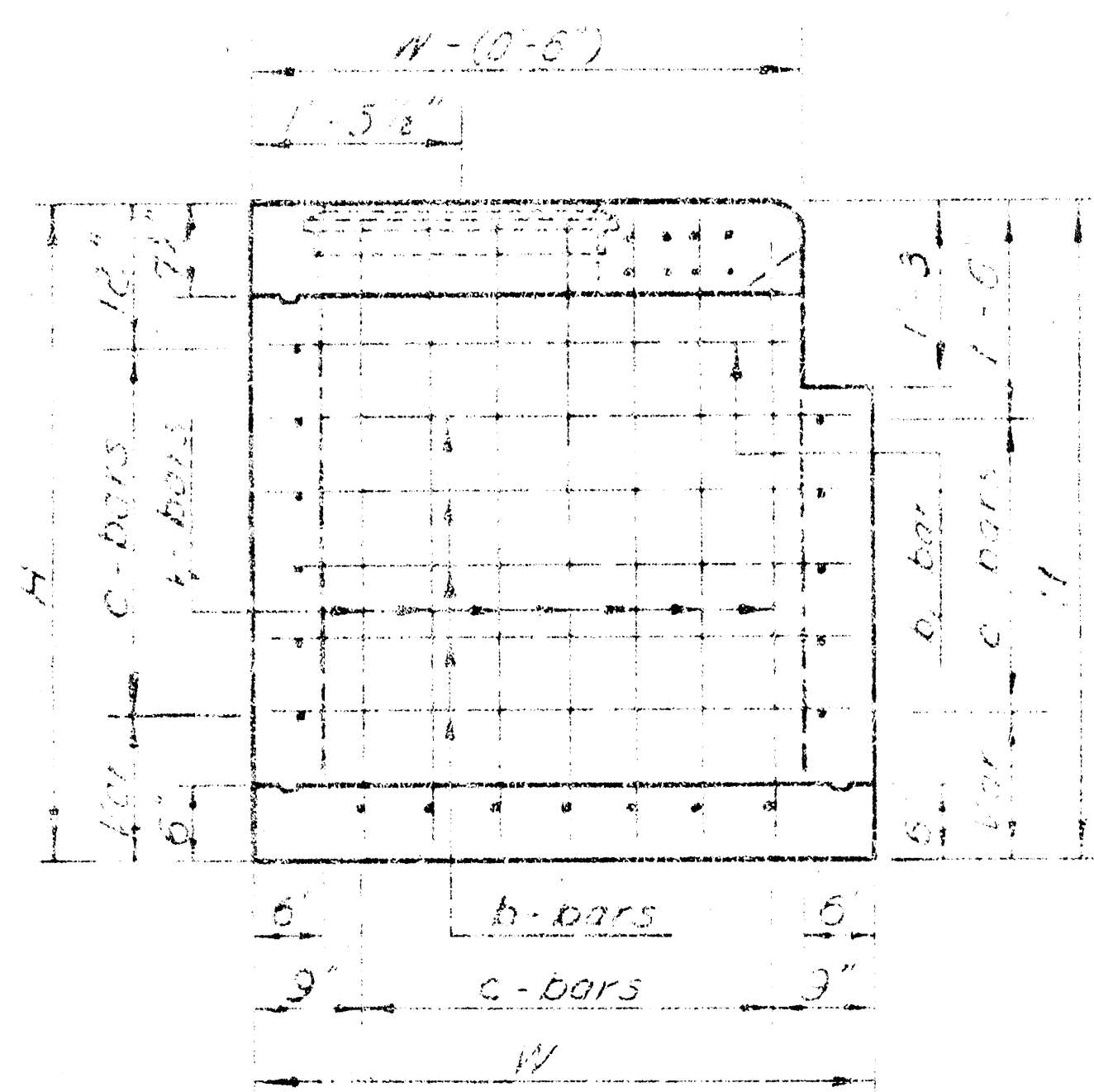
Scale Plan 1" = 20'
Profile 1" = 20' Horiz.
1" = 5' Vert.

FUNSTON

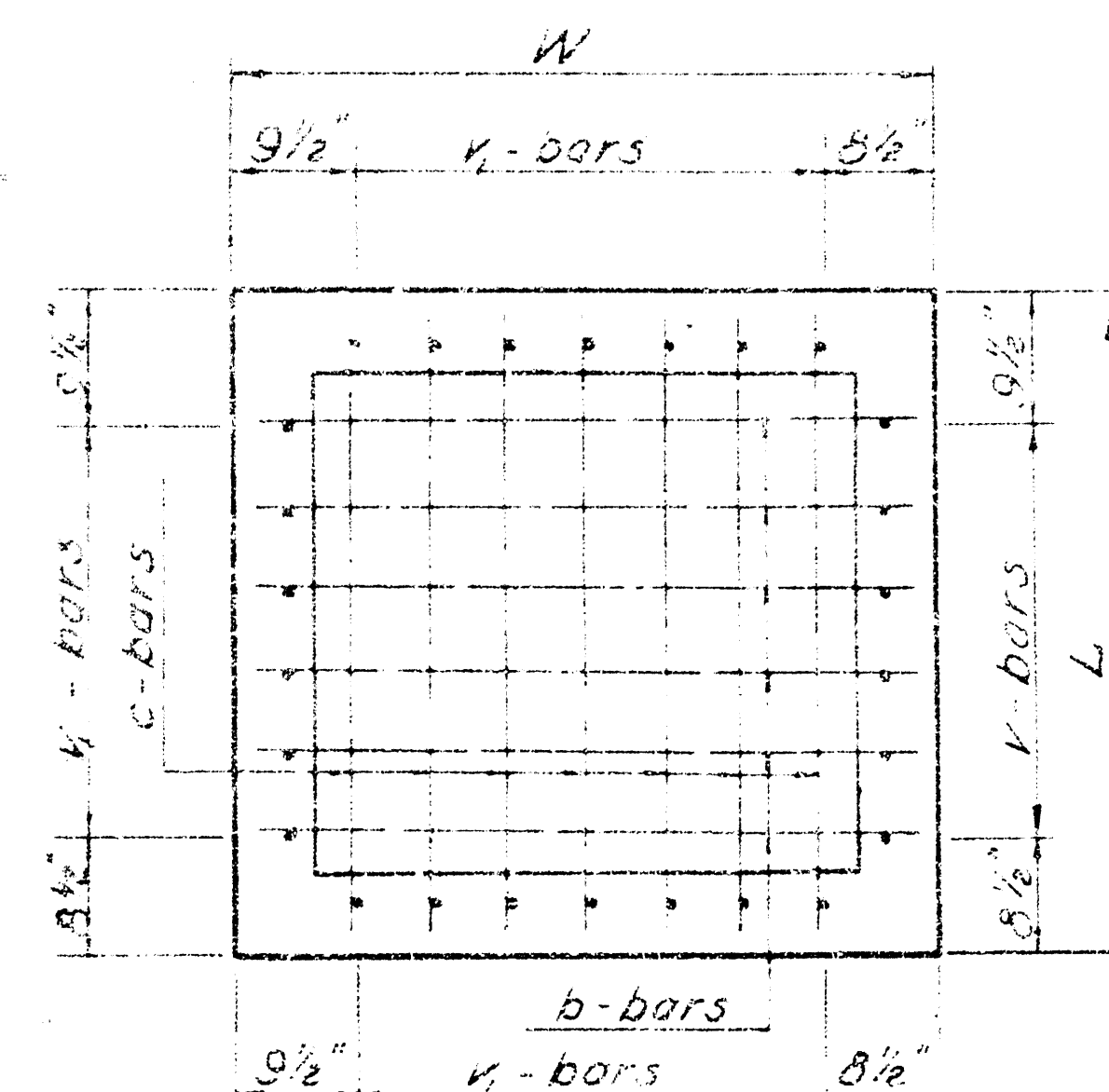




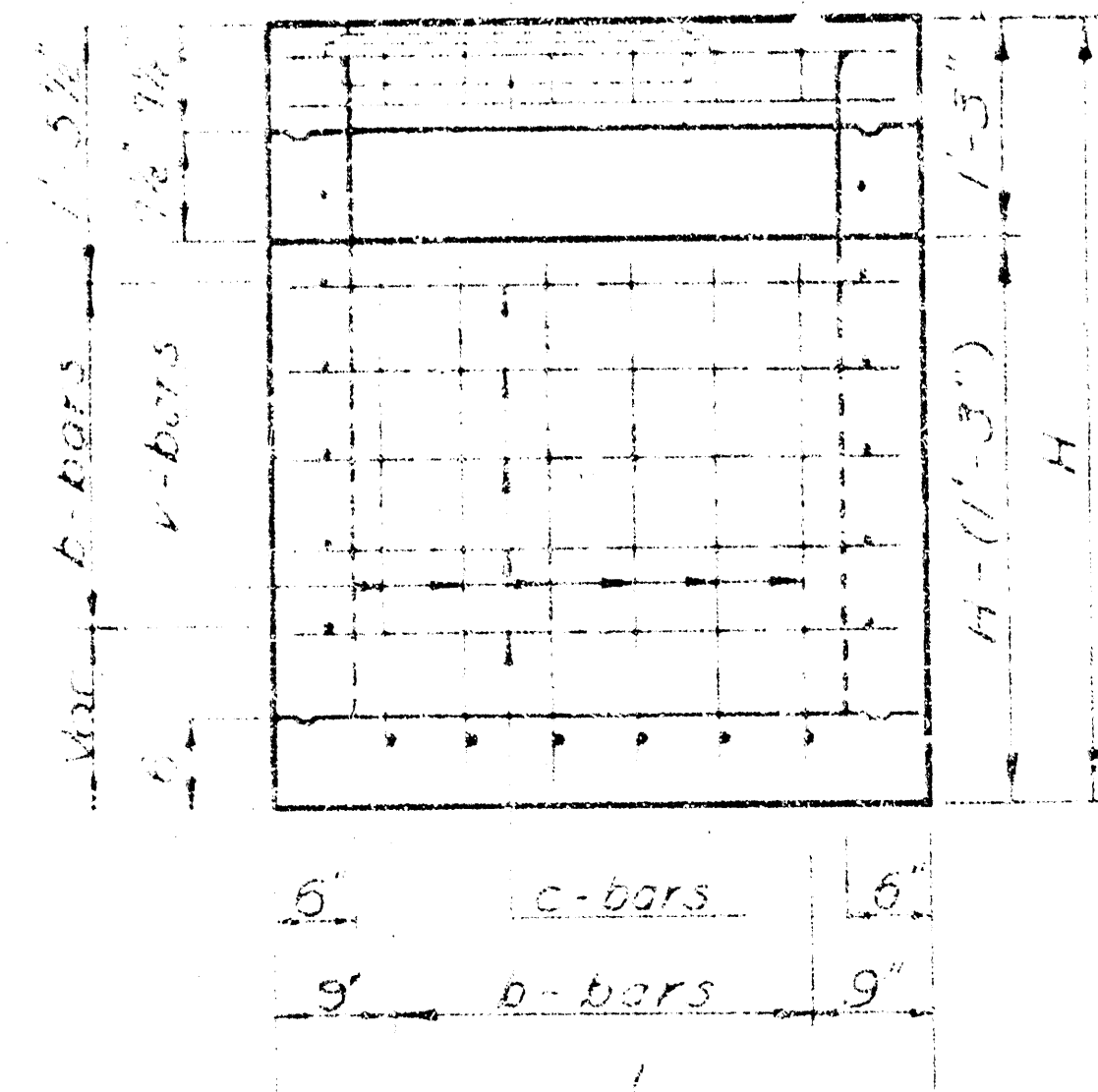
TOP VIEW



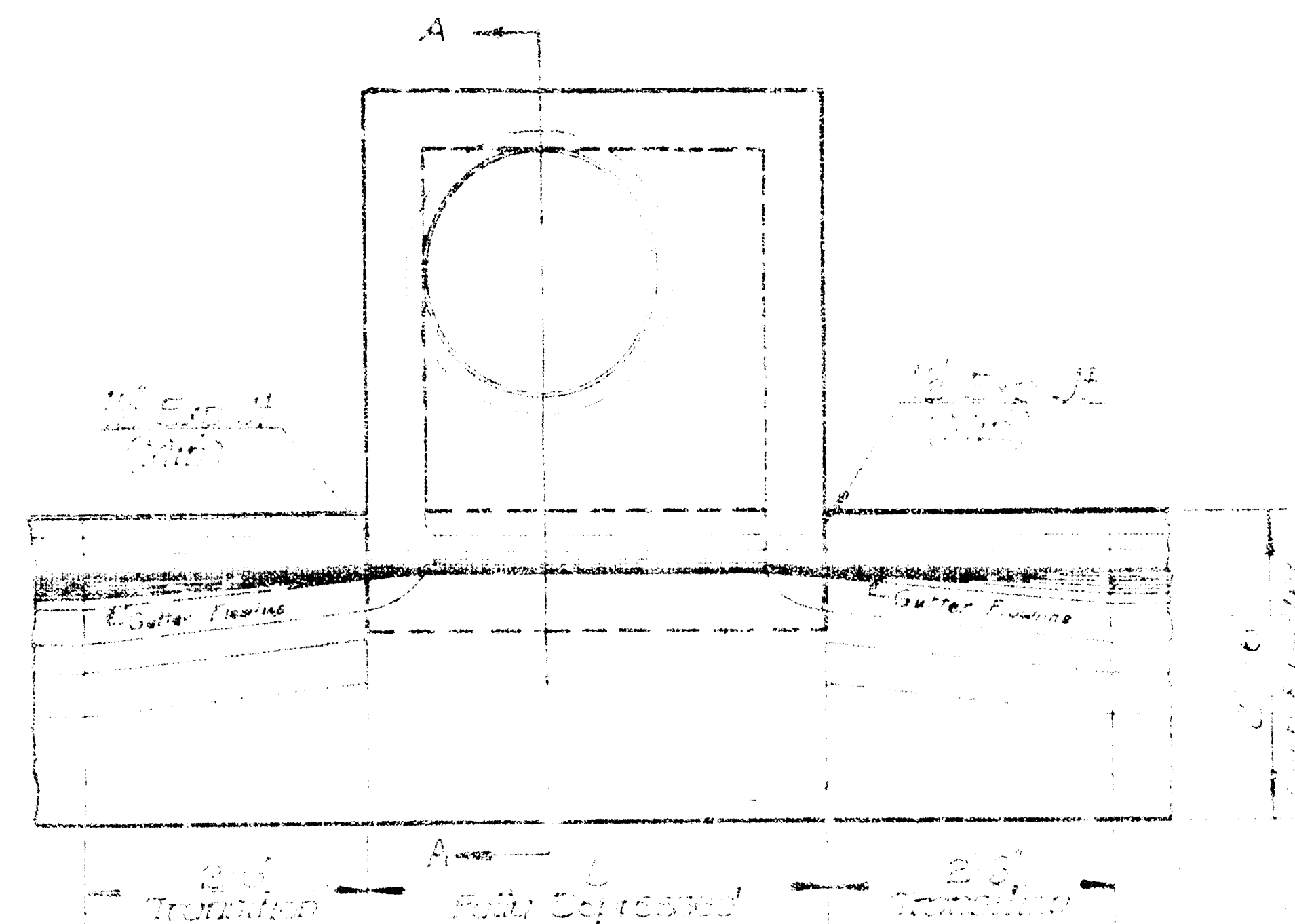
SIDE VIEW



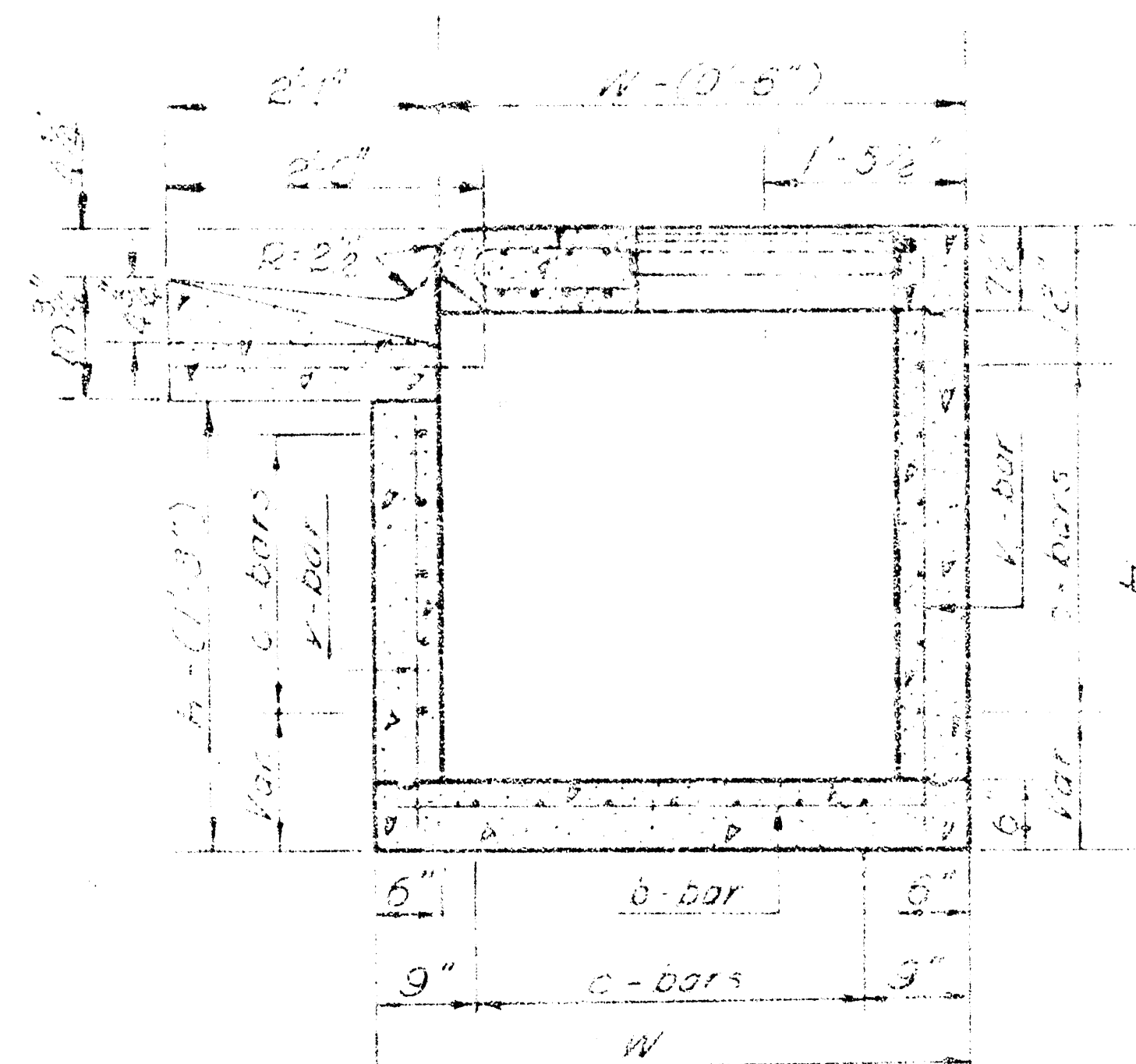
BOTTOM VIEW



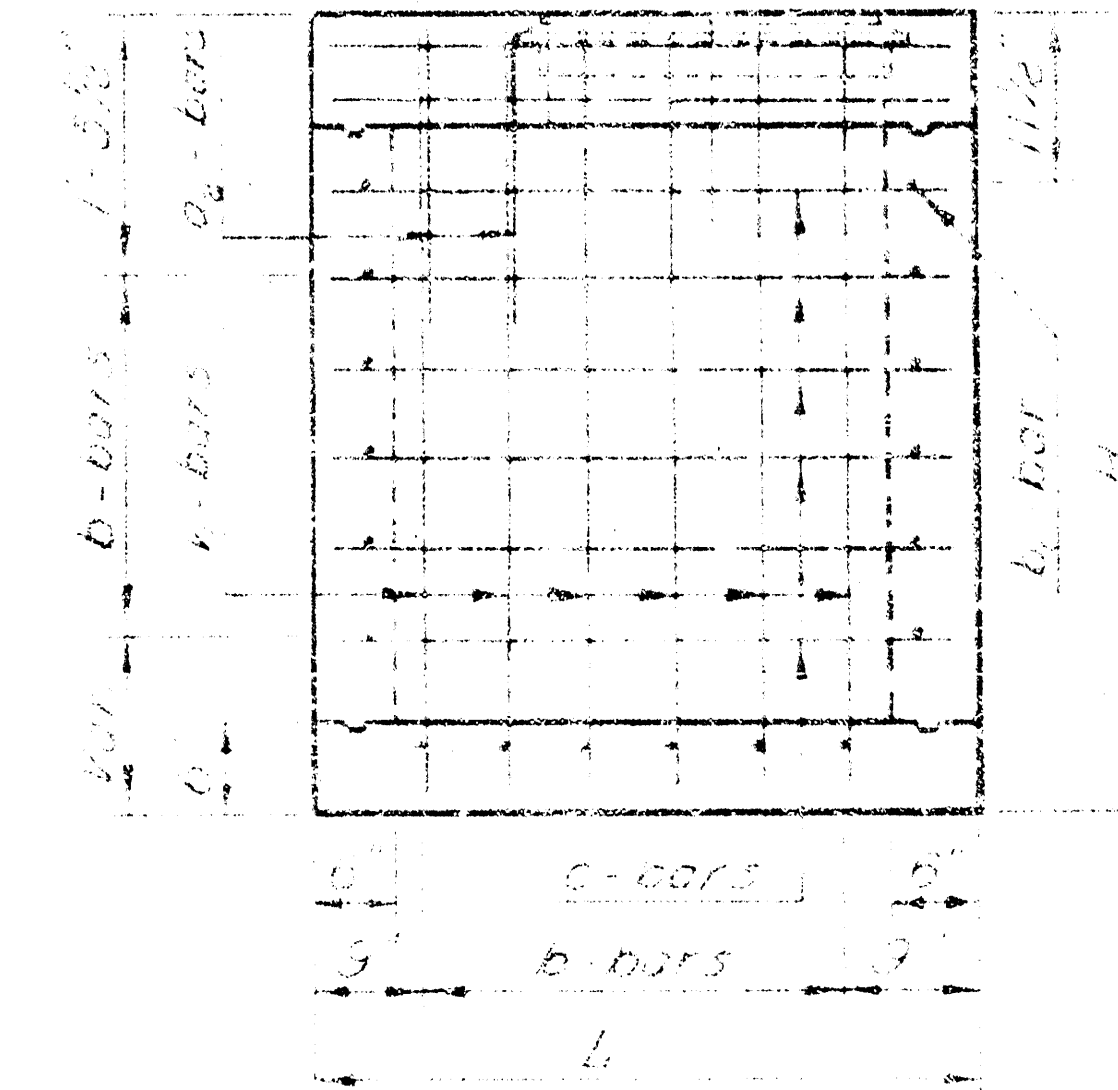
FRONT VIEW



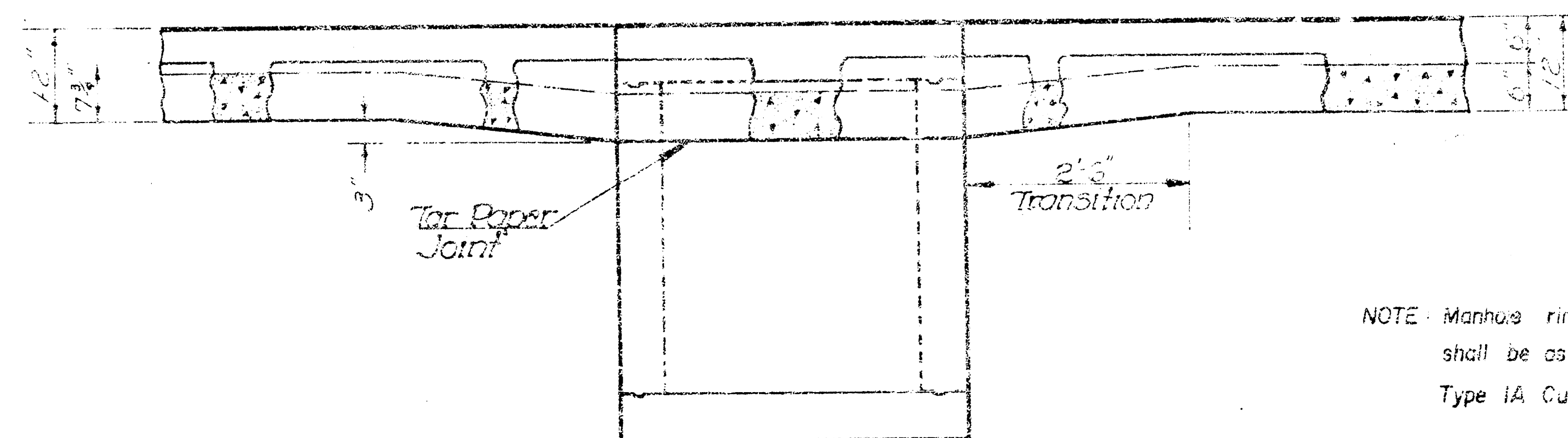
PLAN



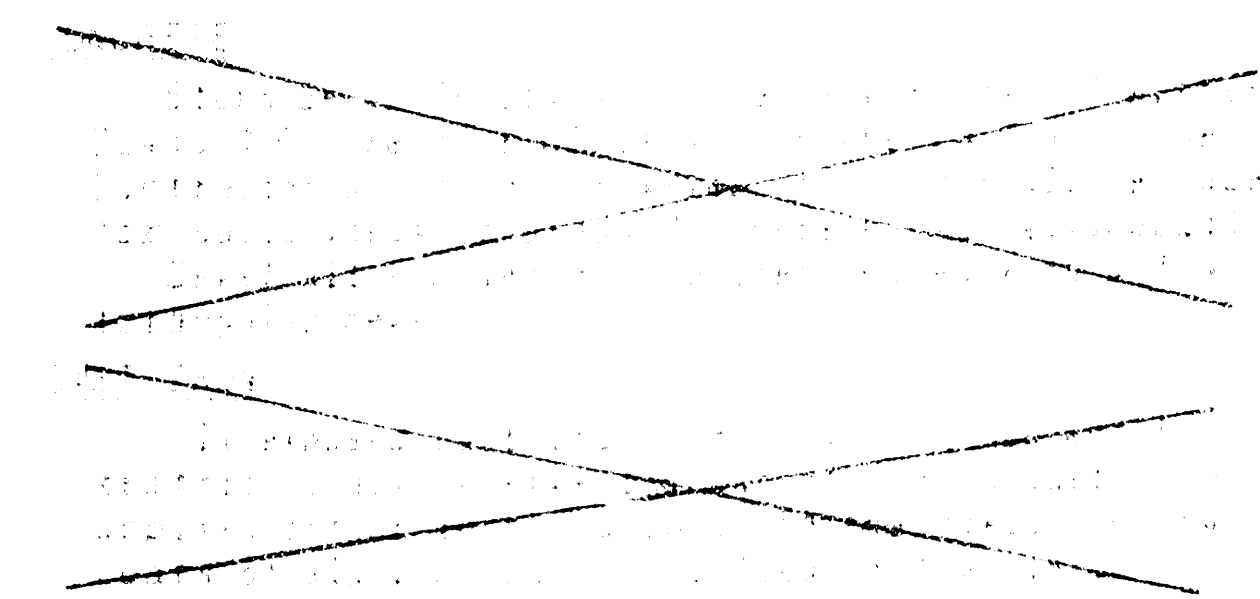
SECTION A-A



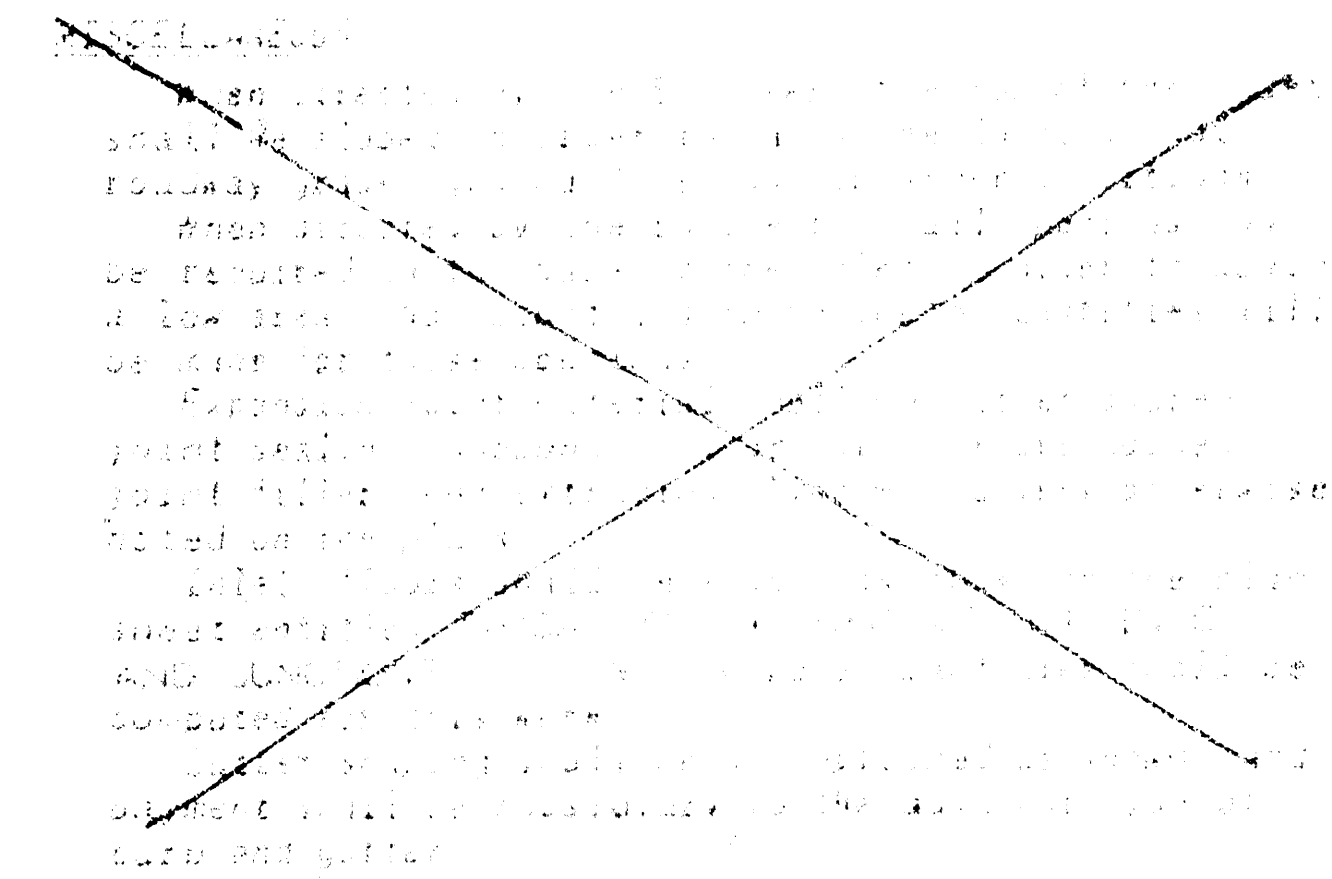
REAR VIEW



NOTE: Manhole ring and cover to inlet tops shall be as per City of Wichita Standard Type 1A Curb Inlet Precast Top.



All reinforcing steel shall be No. 4 bars unless otherwise noted on the plans.

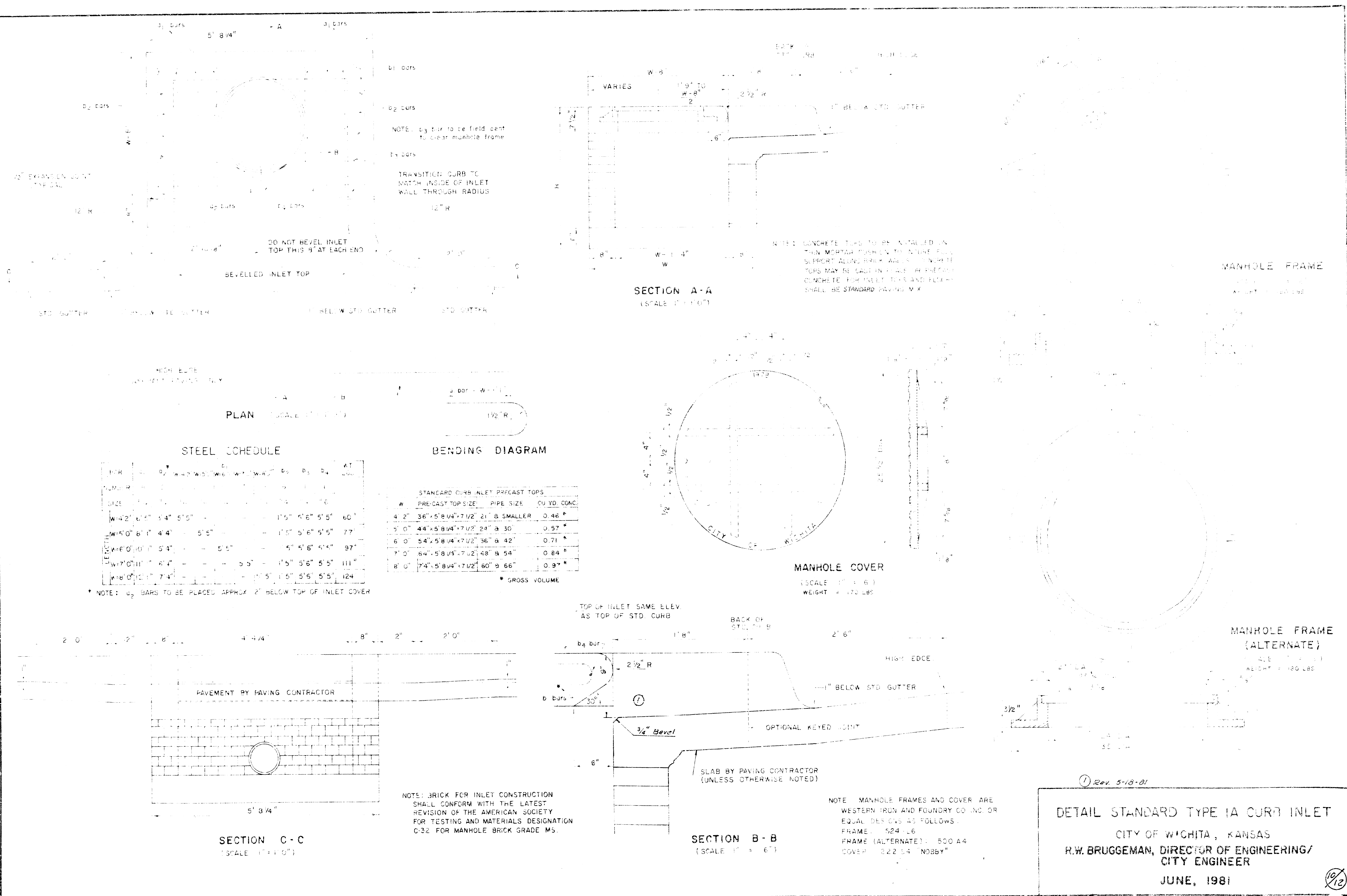


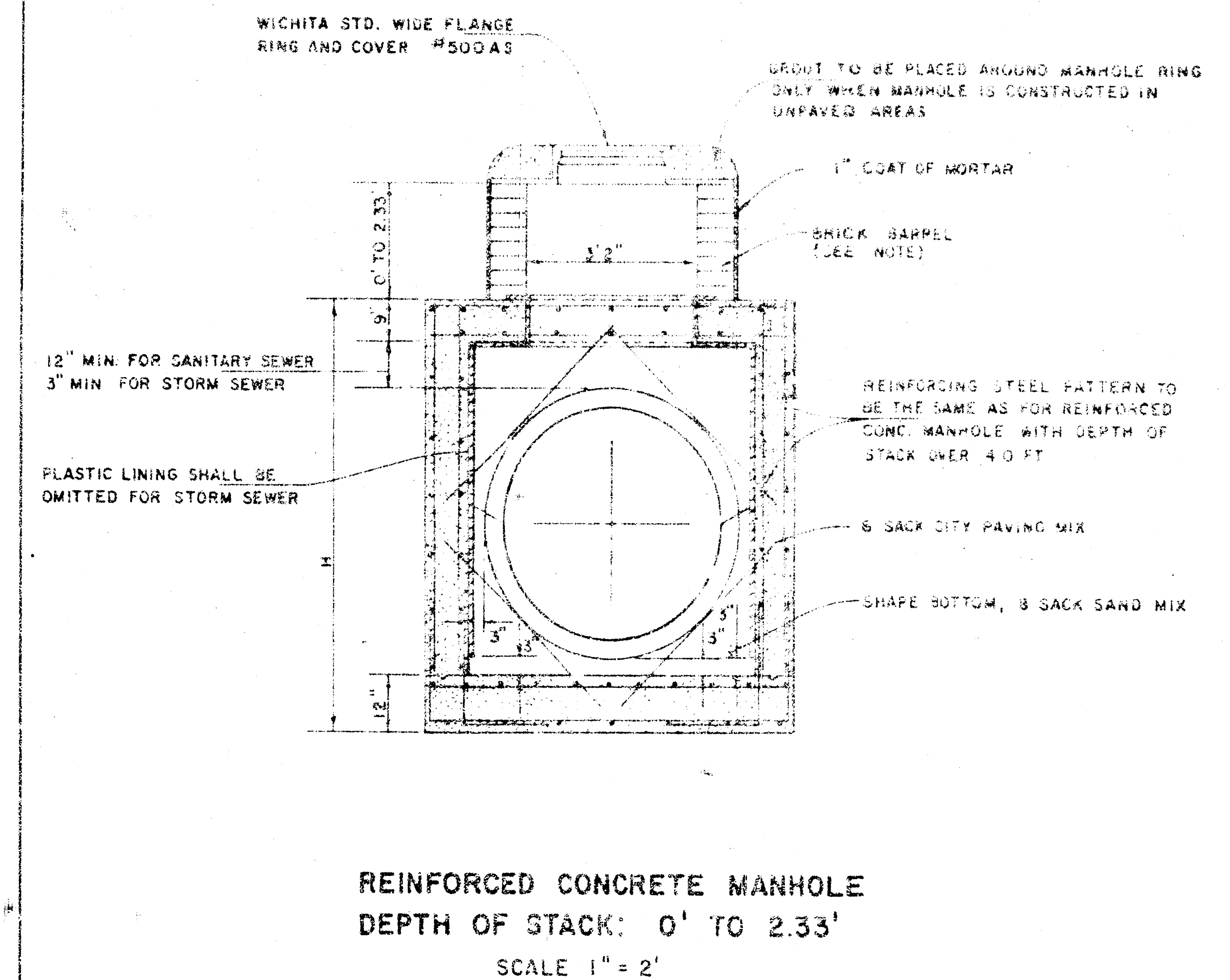
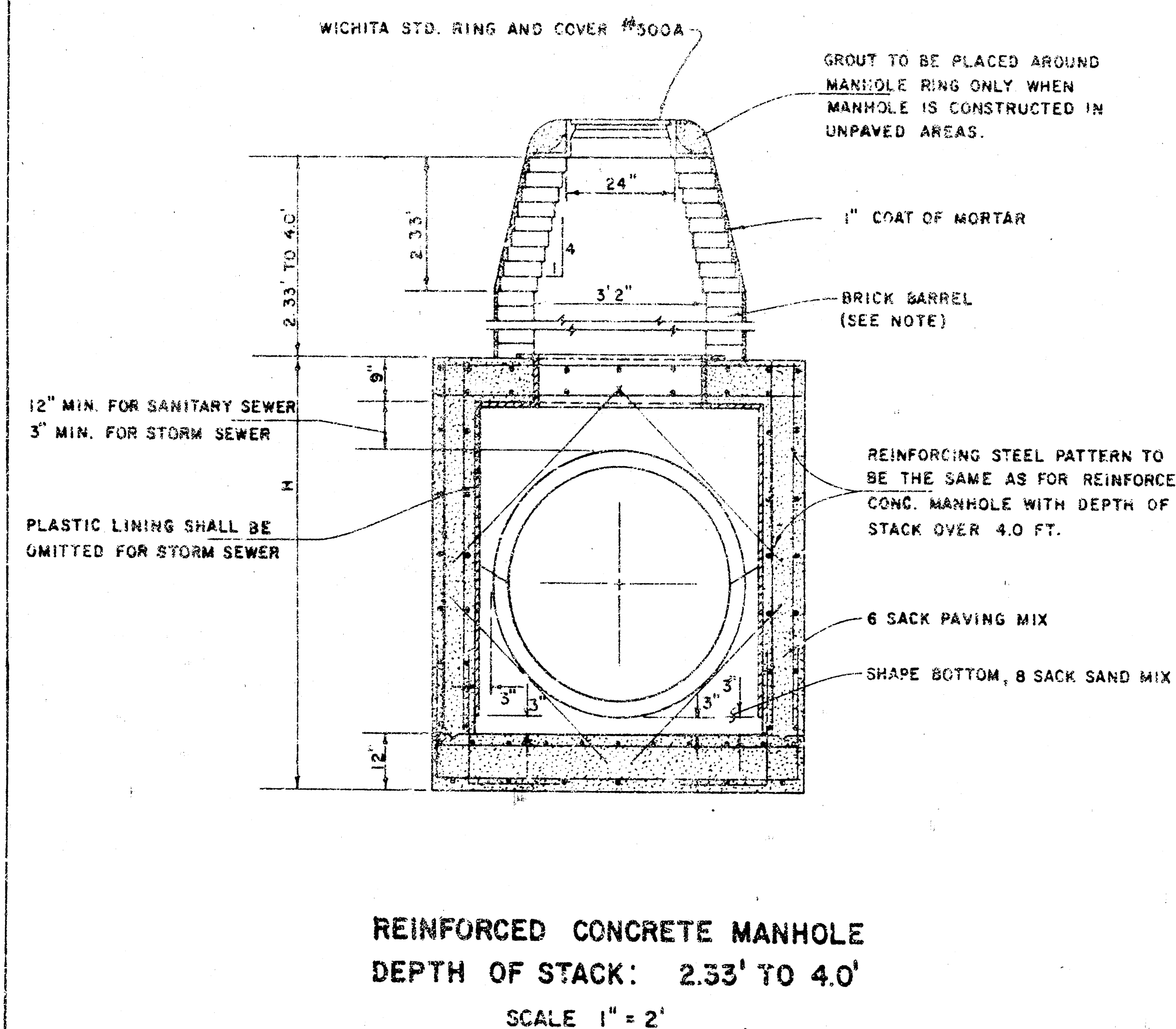
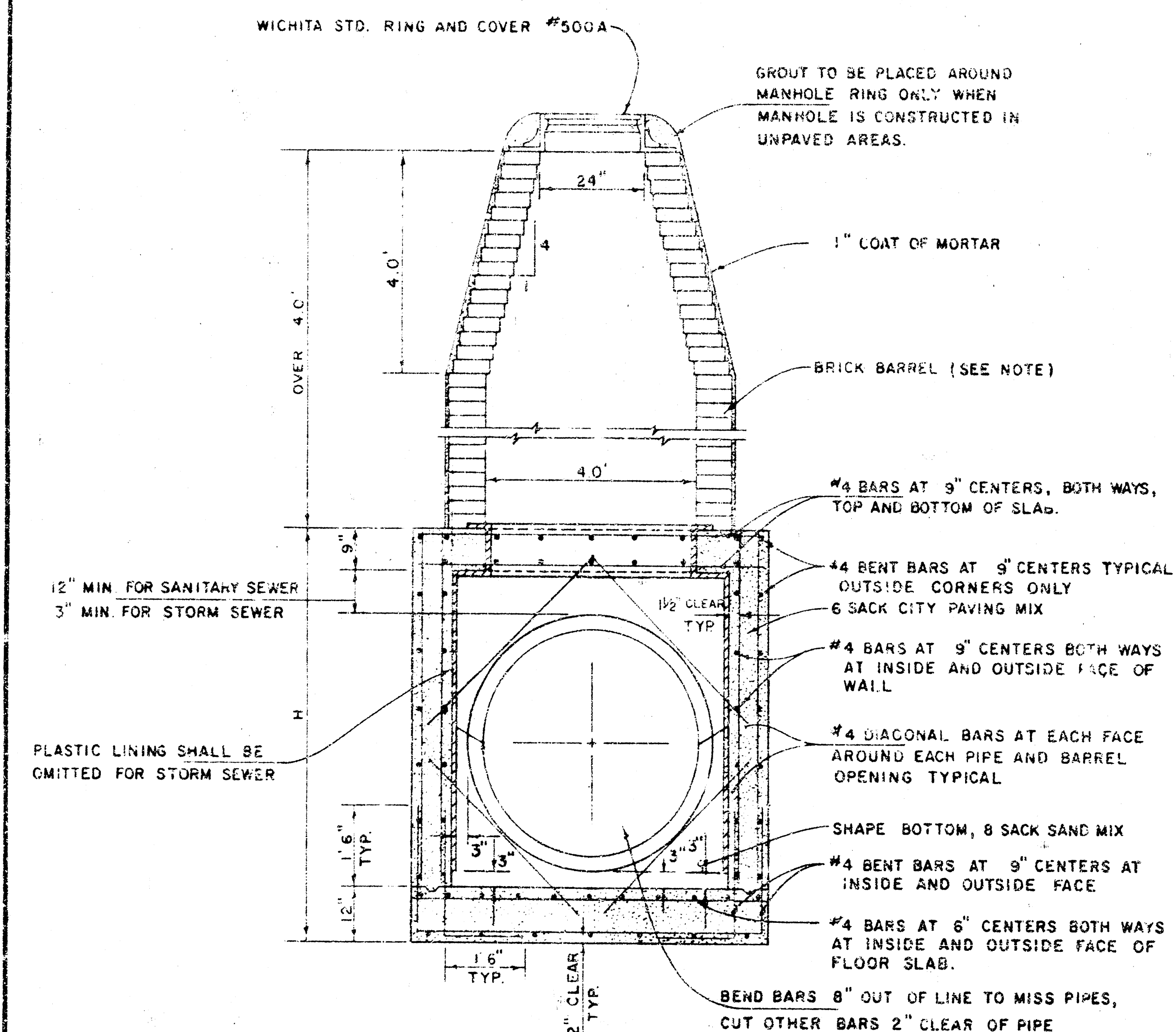
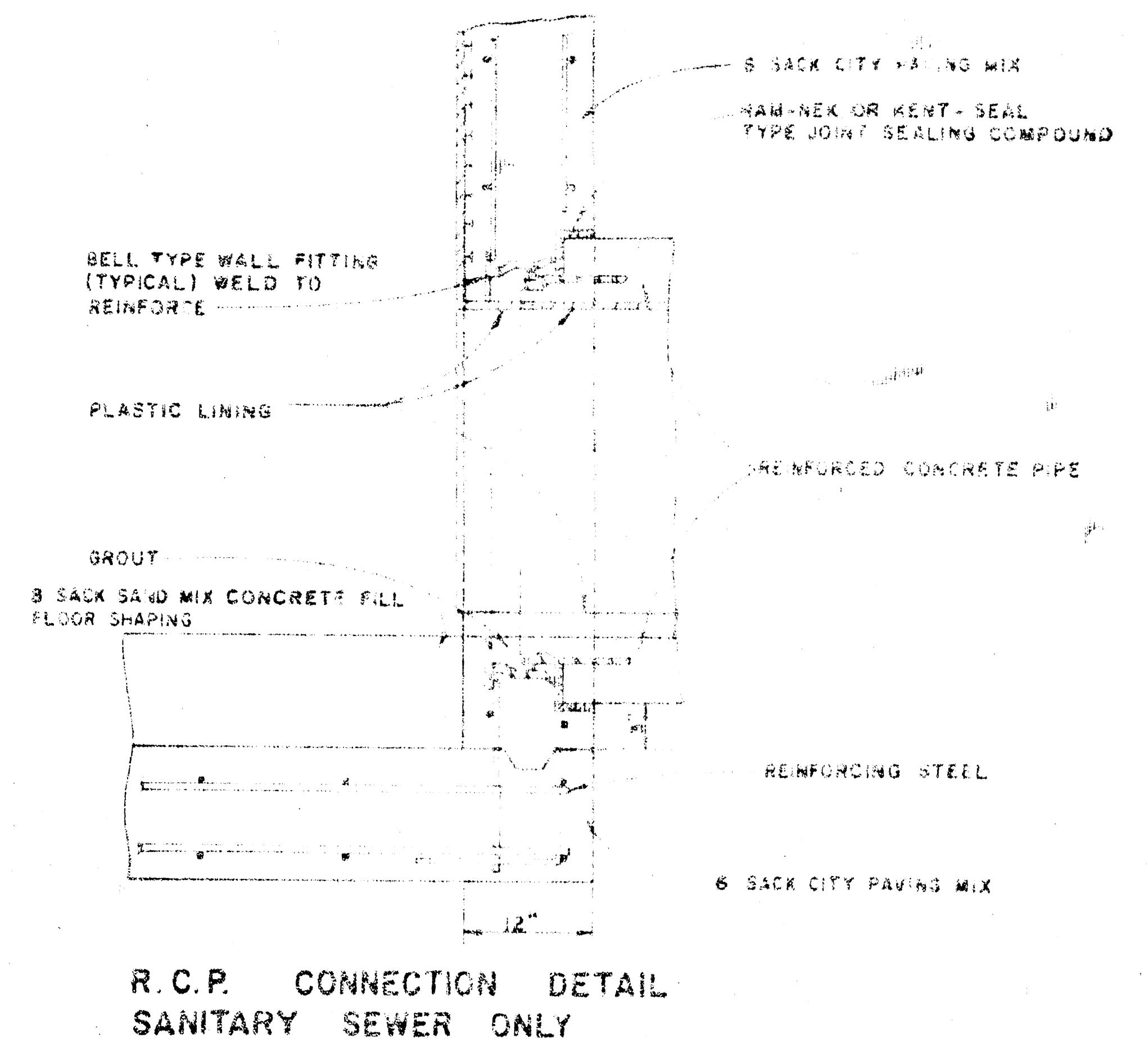
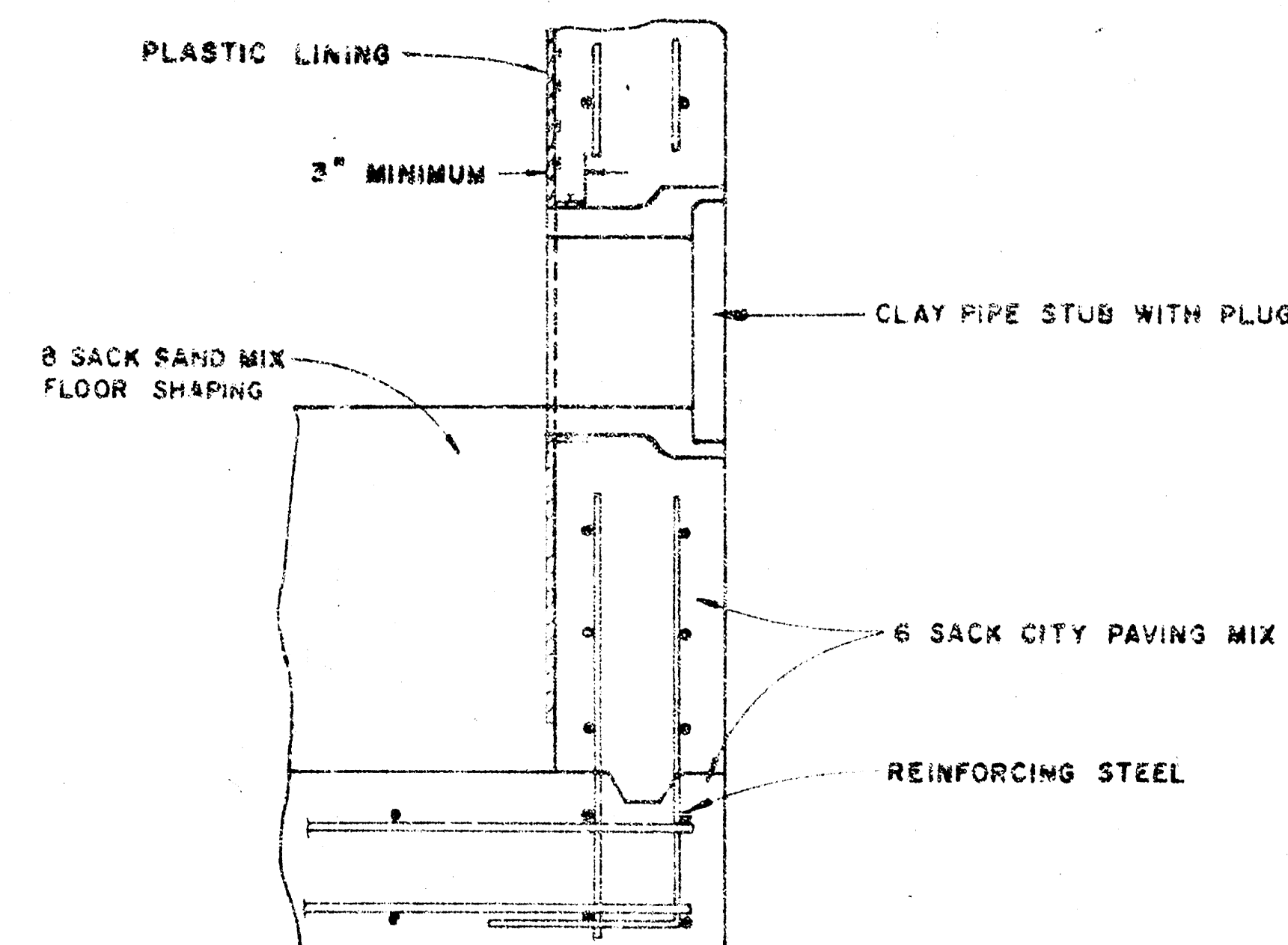
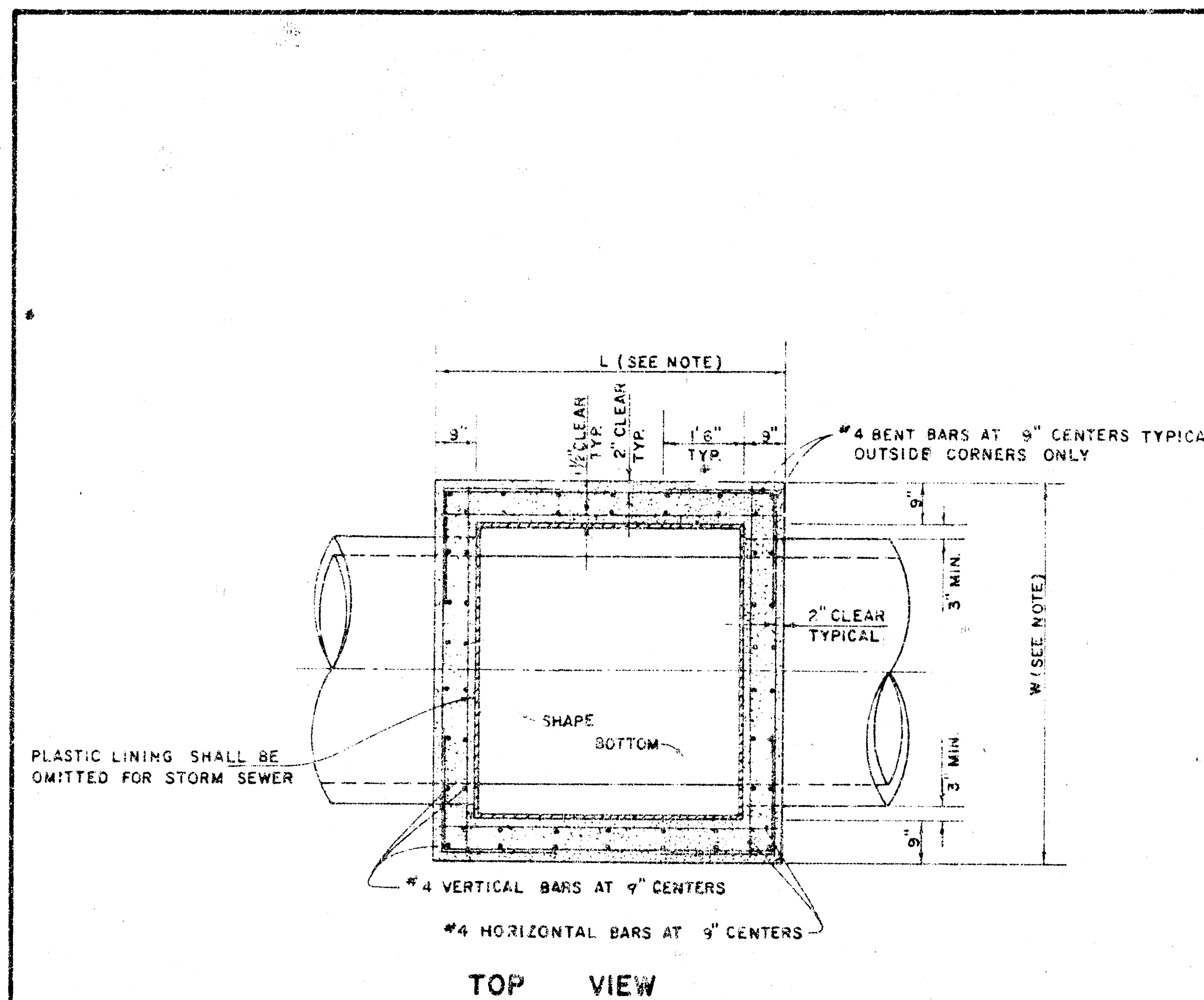
NO.	DATE	REVISIONS	BY	APP'D.
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

STATE HIGHWAY COMMISSION OF KANSAS

TYPE 22
CURB INLET

9/12



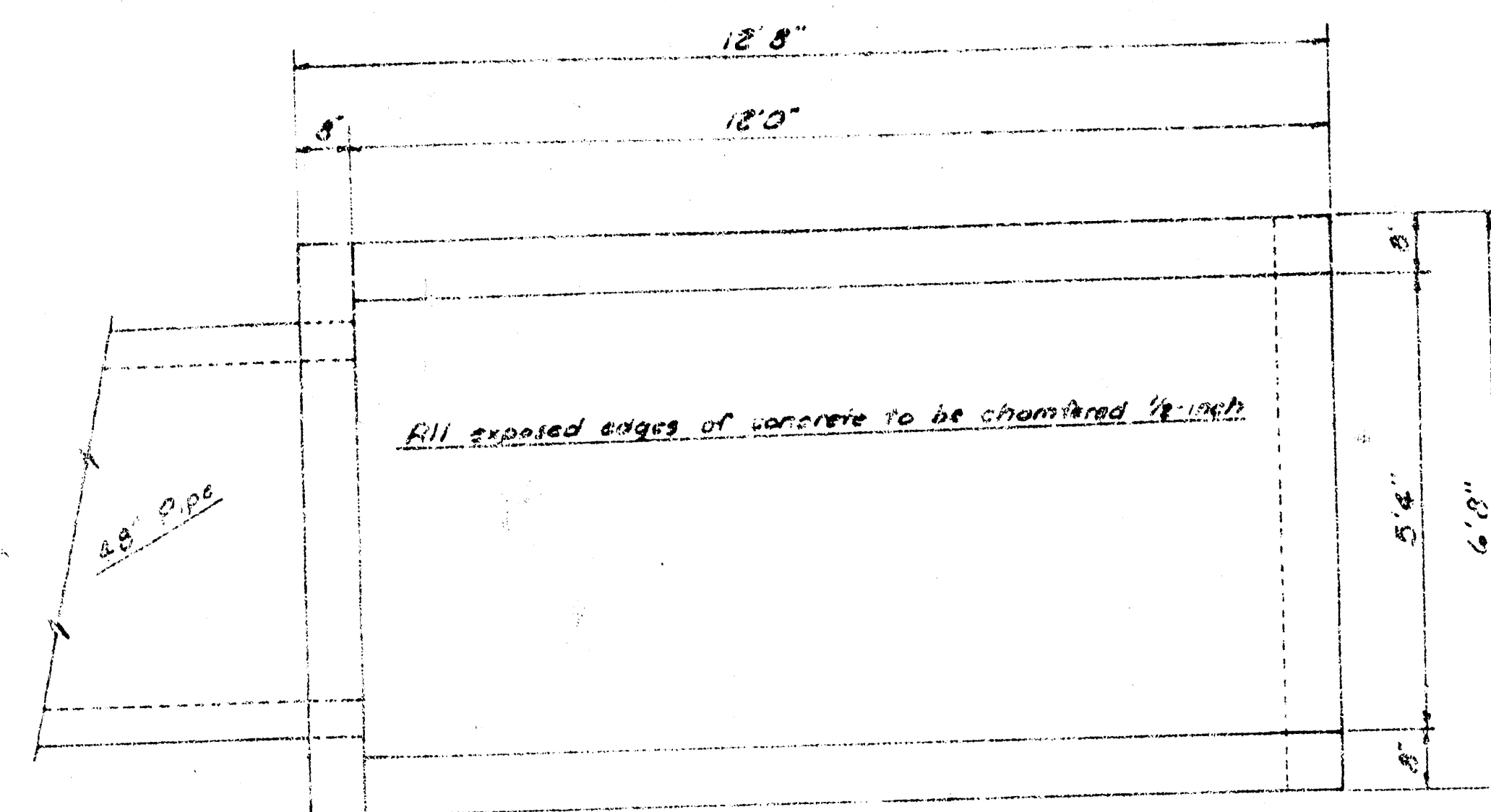


NOTE:
BRICK BARRELS LESS THEN 16' DEEP SHALL HAVE 8" WALLS EXCEPT WHEN LOCATED WITHIN PUBLIC STREET OR ALLEY PAVEMENT THEN THE WALL SHALL BE 12". BRICK BARRELS MORE THEN 16' DEEP SHALL HAVE 12" WALLS. THE "L" AND "W" DIMENSIONS SHALL BE A MINIMUM OF 5'6" FOR BRICK BARRELS WITH 8" WALLS AND 6'2" FOR BRICK BARRELS WITH 12" WALLS.

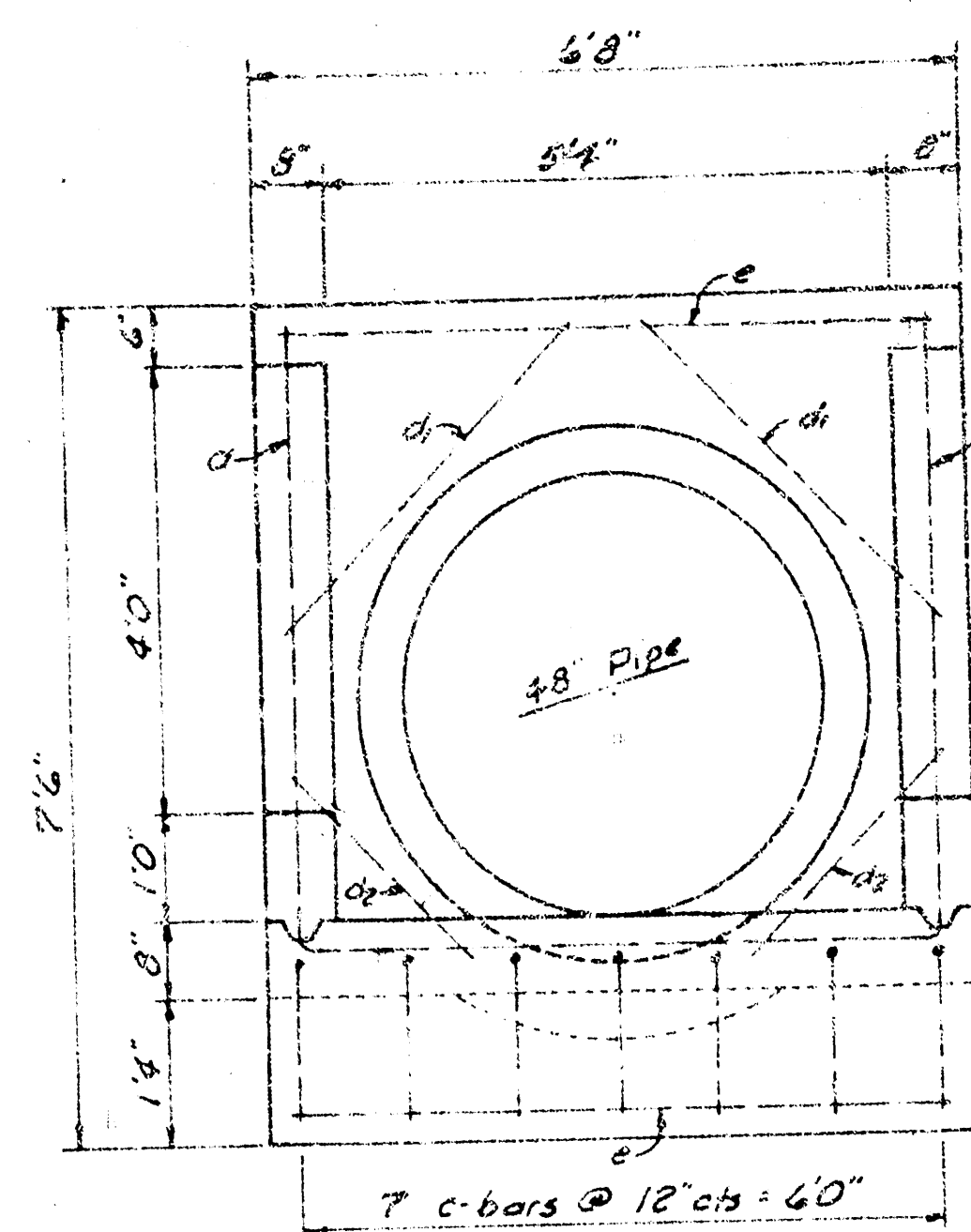
STANDARD DETAILS
REINFORCED CONCRETE MANHOLES
CITY OF WICHITA

APRIL 1978 REVISED APRIL 1980

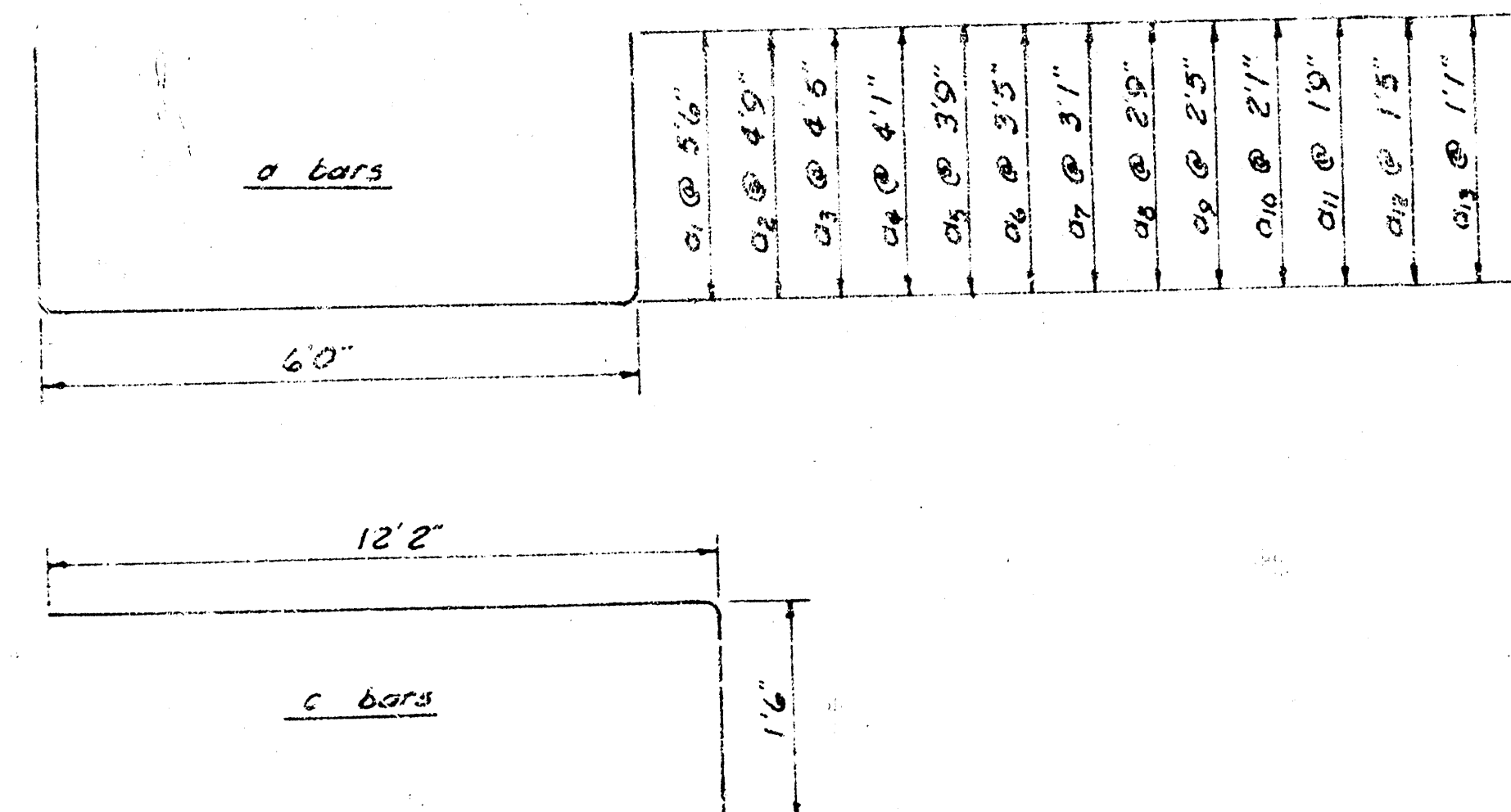
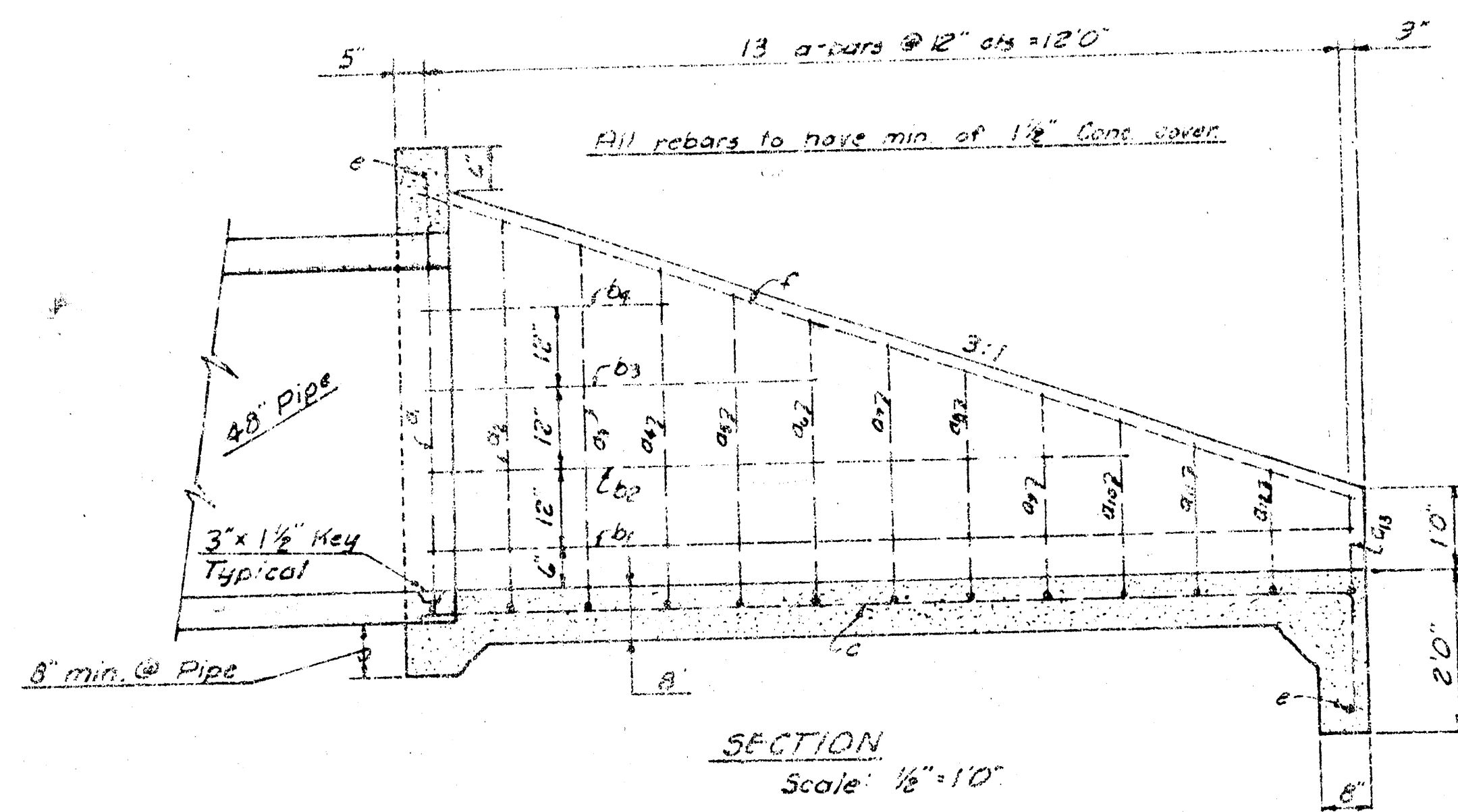
11/12



PLAN
Scale: 1/8"=1'-0"

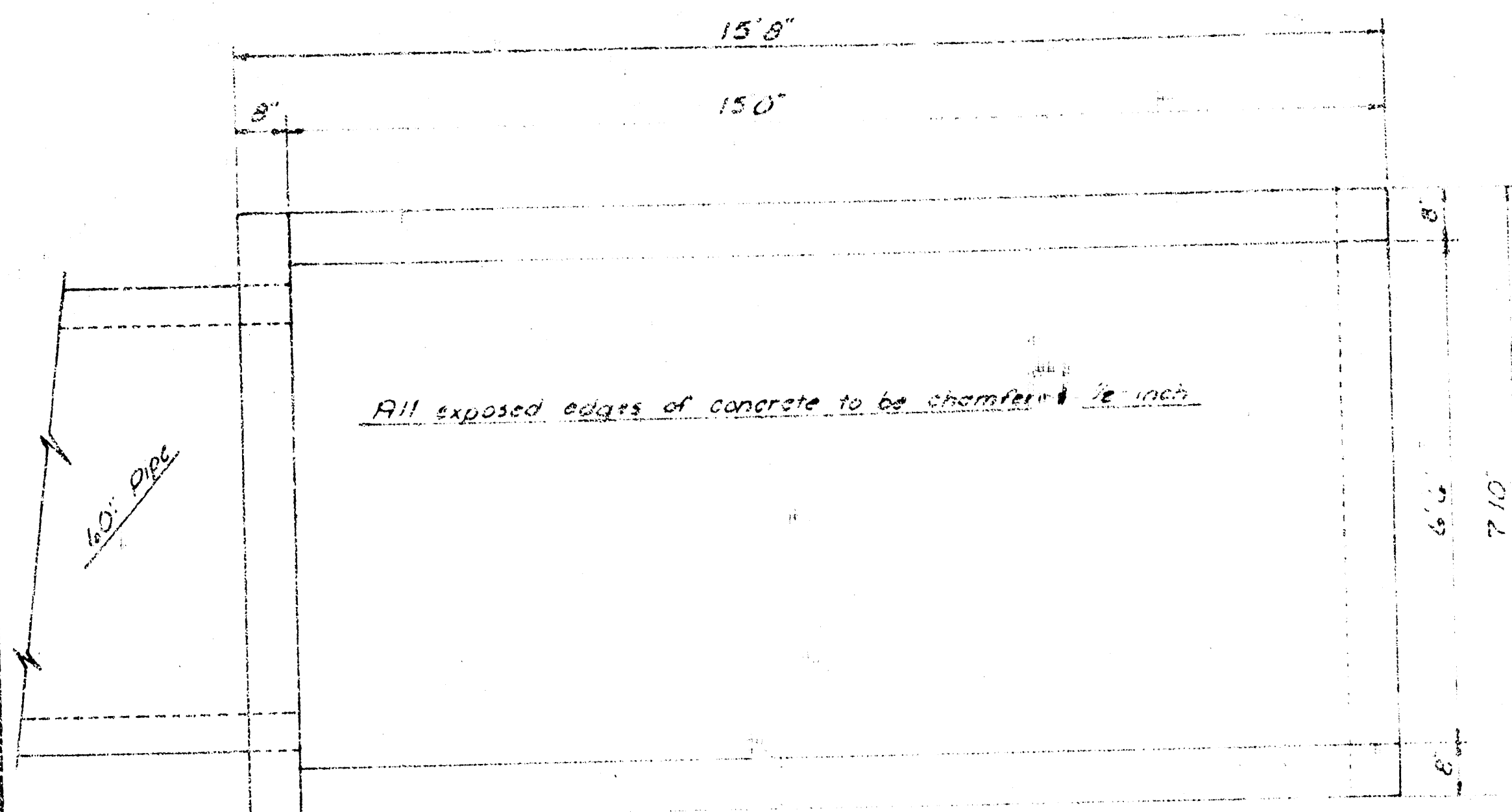


FRONT
Scale: 1/8"=1'-0"

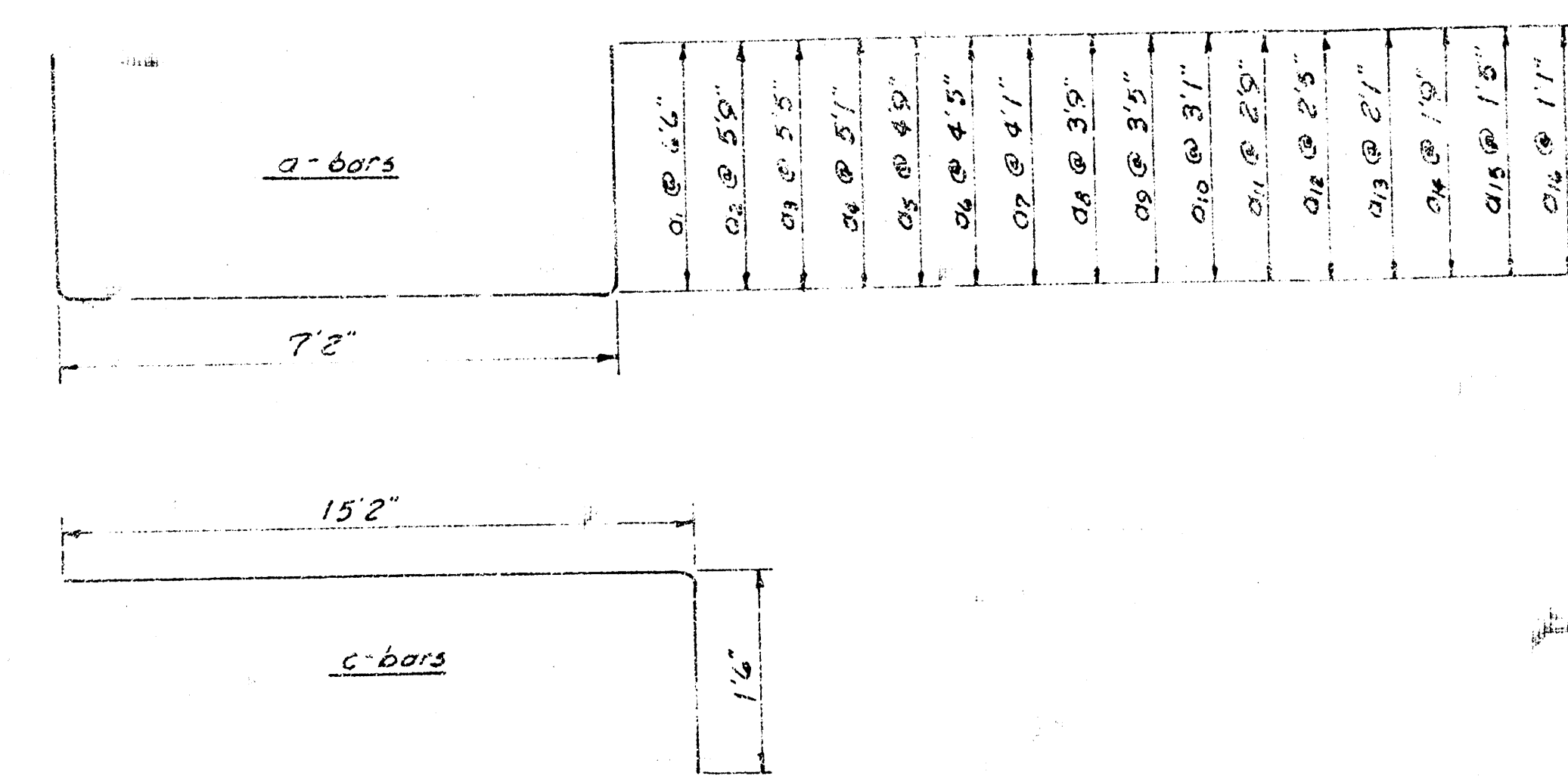
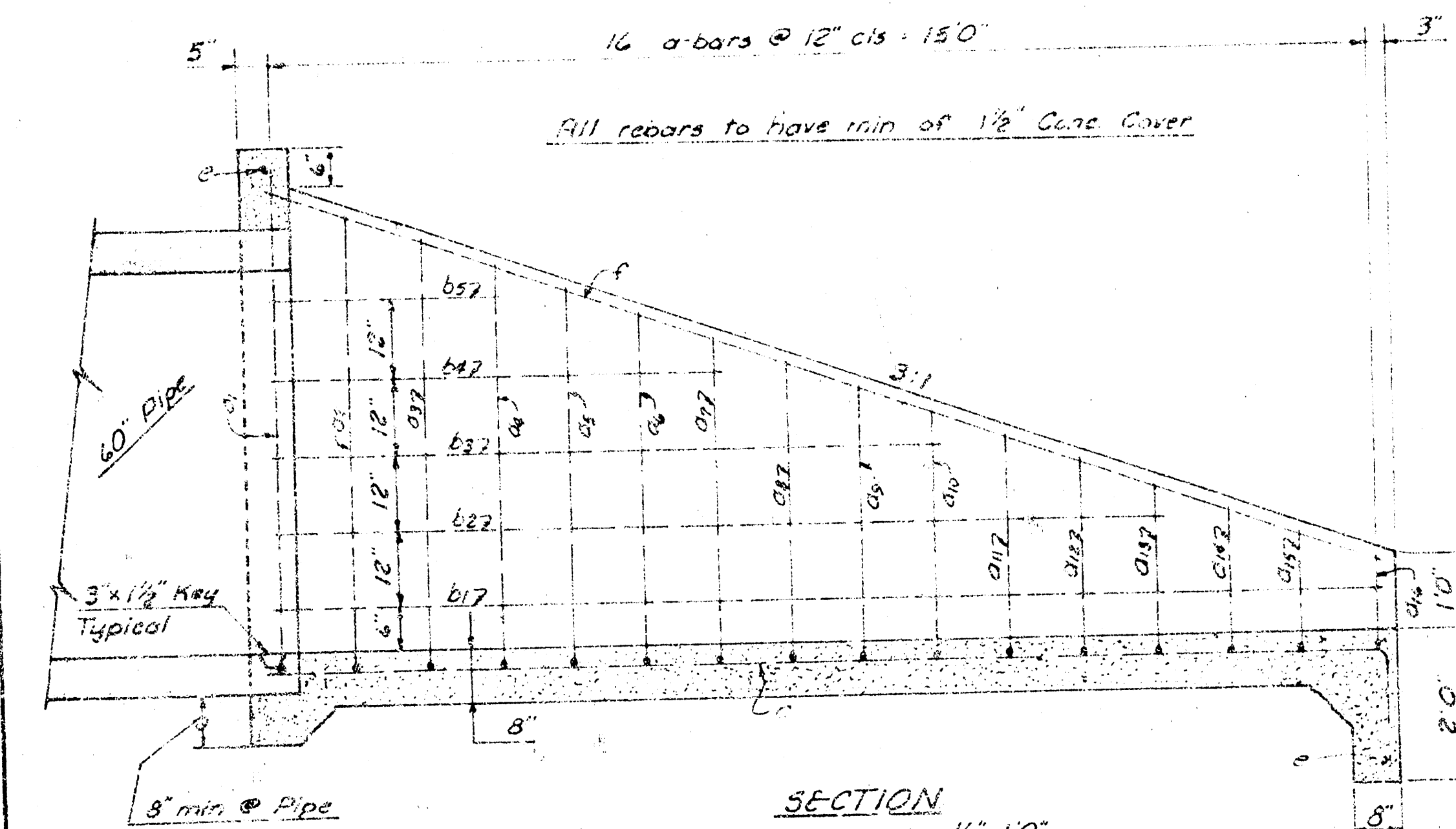


HEADWALL FOR 48" PIPE

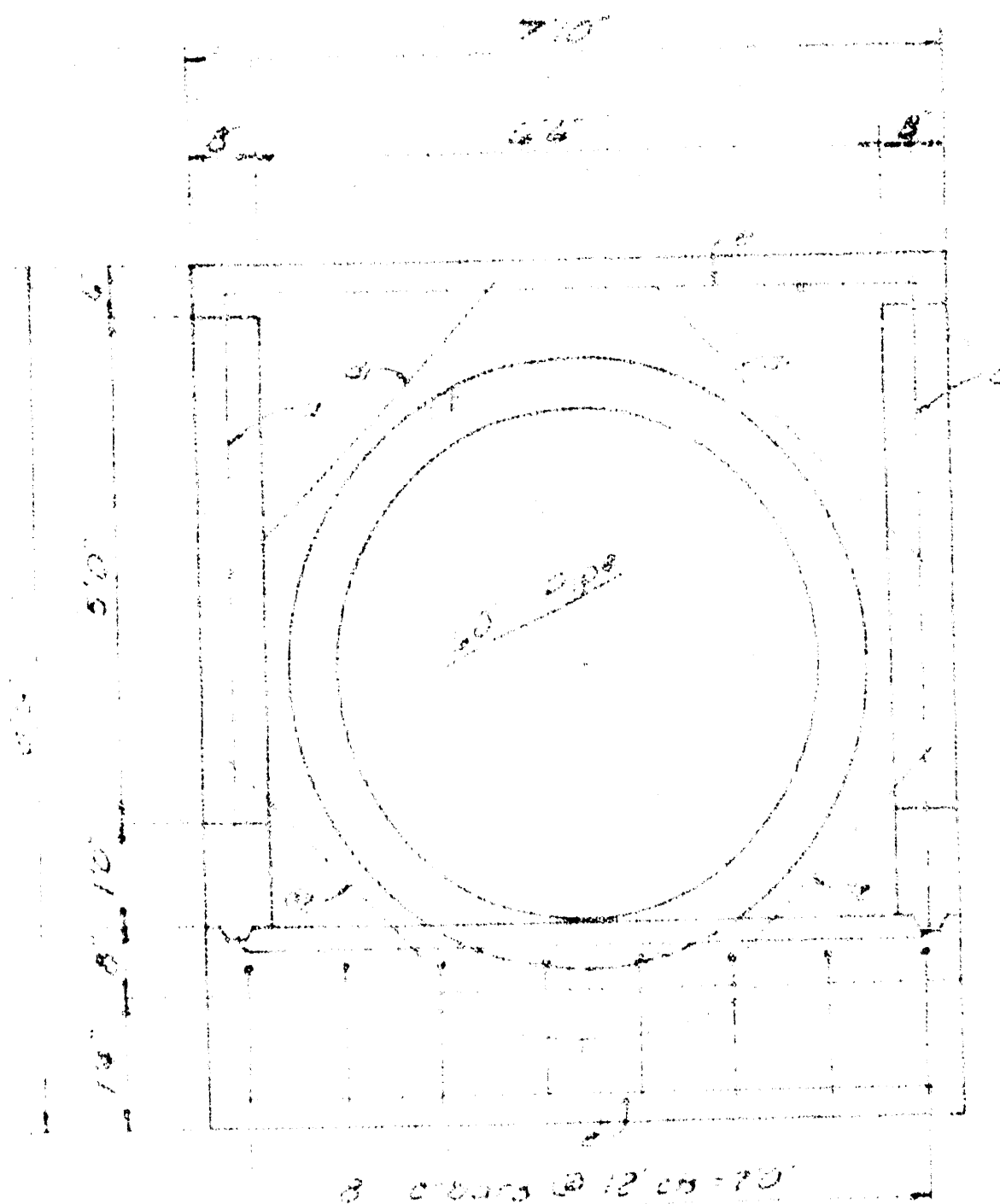
Bar	Shape	No. & Length	Weight
a		1 @ 17'0"	11.36
a1		1 @ 15'6"	10.35
a2		1 @ 14'10"	9.91
a3		1 @ 14'2"	9.66
a4		1 @ 13'6"	9.02
a5		1 @ 12'10"	8.57
a6		1 @ 12'2"	8.13
a7		1 @ 11'6"	7.68
a8		1 @ 10'10"	7.24
a9		1 @ 10'2"	6.79
a10		1 @ 9'6"	6.35
a11		1 @ 8'10"	5.90
a12		1 @ 8'3"	5.51
b1		2 @ 12'3"	16.37
b2		2 @ 9'3"	12.36
b3		2 @ 5'3"	7.01
b4		2 @ 3'3"	4.34
c		2 @ 13'8"	63.91
d		2 @ 3'10"	5.12
d1		2 @ 2'6"	3.36
e		2 @ 4'2"	8.24
f		2 @ 12'11"	17.26
Total Rebars 245 lbs.			
Conc. 5.21 CY			
All Conc. Reinforcement to be #4 bars.			



PLAN
Scale: 1/8"=1'-0"



HEADWALL FOR 60" PIPE



FRONT
Scale: 1/8"=1'-0"

REBAR SCHEDULE			
Bar	Shape	No. & Length	Weight
a1		1 @ 20'0"	13.47
a2		1 @ 18'8"	12.47
a3		1 @ 18'0"	12.02
a4		1 @ 17'4"	11.53
a5		1 @ 16'8"	11.04
a6		1 @ 16'0"	10.55
a7		1 @ 15'4"	10.06
a8		1 @ 14'8"	9.57
a9		1 @ 14'0"	9.08
a10		1 @ 13'4"	8.59
a11		1 @ 12'8"	8.10
a12		1 @ 12'0"	7.61
a13		1 @ 11'4"	7.12
a14		1 @ 10'8"	6.63
a15		1 @ 10'0"	6.14
a16		1 @ 9'4"	5.65
a17		1 @ 8'8"	5.16
a18		1 @ 8'0"	4.67
a19		1 @ 7'4"	4.18
a20		1 @ 6'8"	3.69
a21		1 @ 6'0"	3.20
a22		1 @ 5'4"	2.71
a23		1 @ 4'8"	2.22
a24		1 @ 4'0"	1.73
a25		1 @ 3'4"	1.24
a26		1 @ 2'8"	0.75
a27		1 @ 2'0"	0.26
a28		1 @ 1'4"	0.27
a29		1 @ 8'0"	5.16
a30		1 @ 7'4"	4.67
a31		1 @ 6'8"	4.18
a32		1 @ 6'0"	3.69
a33		1 @ 5'4"	3.20
a34		1 @ 4'8"	2.71
a35		1 @ 4'0"	2.22
a36		1 @ 3'4"	1.73
a37		1 @ 2'8"	1.24
a38		1 @ 2'0"	0.75
a39		1 @ 1'4"	0.26
a40		1 @ 8'0"	5.16
a41		1 @ 7'4"	4.67
a42		1 @ 6'8"	4.18
a43		1 @ 6'0"	3.69
a44		1 @ 5'4"	3.20
a45		1 @ 4'8"	2.71
a46		1 @ 4'0"	2.22
a47		1 @ 3'4"	1.73
a48		1 @ 2'8"	1.24
a49		1 @ 2'0"	0.75
a50		1 @ 1'4"	0.26
a51		1 @ 8'0"	5.16
a52		1 @ 7'4"	4.67
a53		1 @ 6'8"	4.18
a54		1 @ 6'0"	3.69
a55		1 @ 5'4"	3.20
a56		1 @ 4'8"	2.71
a57		1 @ 4'0"	2.22
a58		1 @ 3'4"	1.73
a59		1 @ 2'8"	1.24
a60		1 @ 2'0"	0.75
a61		1 @ 1'4"	0.26
a62		1 @ 8'0"	5.16
a63		1 @ 7'4"	4.67
a64		1 @ 6'8"	4.18
a65		1 @ 6'0"	3.69
a66		1 @ 5'4"	3.20
a67		1 @ 4'8"	2.71
a68		1 @ 4'0"	2.22
a69		1 @ 3'4"	1.73
a70		1 @ 2'8"	1.24
a71		1 @ 2'0"	0.75
a72		1 @ 1'4"	0.26
a73		1 @ 8'0"	5.16
a74		1 @ 7'4"	4.67
a75		1 @ 6'8"	4.18
a76		1 @ 6'0"	3.69
a77		1 @ 5'4"	3.20
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a79		1 @ 4'0"	2.22
a80		1 @ 3'4"	1.73
a81		1 @ 2'8"	1.24
a82		1 @ 2'0"	0.75
a83		1 @ 1'4"	0.26
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a145		1 @ 4'0"	2.22
a146		1 @ 3'4"	1.73
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a150		1 @ 8'0"	5.16
a151		1 @ 7'4"	4.67
a152		1 @ 6'8"	4.18
a153		1 @ 6'0"	3.69
a154		1 @ 5'4"	3.20
a155		1 @ 4'8"	2.71
a156		1 @ 4'0"	2.22
a157		1 @ 3'4"	1.73
a158		1 @ 2'8"	1.24
a159		1 @ 2'0"	0.75
a160		1 @ 1'4"	0.26
a161		1 @ 8'0"	5.16
a162		1 @ 7'4"	4.67
a163		1 @ 6'8"	4.18
a164		1 @ 6'0"	3.69
a165		1 @ 5'4"	3.20
a166		1 @ 4'8"	2.71
a167		1 @ 4'0"	2.22
a168		1 @ 3'4"	1.73
a169		1 @ 2'8"	1.24
a170		1 @ 2'0"	0.75
a171		1 @ 1'4"	0.26
a172		1 @ 8'0"	5.16
a173		1 @ 7'4"	4.67
a174		1 @ 6'8"	4.18
a175		1 @ 6'0"	3.69
a176		1 @ 5'4"	3.20
a177		1 @ 4'8"	2.71
a178		1 @ 4'0"	2.22
a179		1 @ 3'4"	1.73
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a182		1 @ 1'4"	0.26
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a193		1 @ 1'4"	0.26
a194		1 @ 8'0"	5.16
a195		1 @ 7'4"	4.67
a196		1 @ 6'8"	4.18
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a198		1 @ 5'4"	3.20
a199		1 @ 4'8"	2.71
a200		1 @ 4'0"	2.22
a201		1 @ 3'4"	1.73
a202		1 @ 2'8"	1.24
a203		1 @ 2'0"	0.75
a204		1 @ 1'4"	0.26
a205		1 @ 8'0"	5.16
a206		1 @ 7'4"	4.67
a207		1 @ 6'8"	4.18
a208		1 @ 6'0"	3.69
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a211		1 @ 4'0"	2.22
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a213		1 @ 2'8"	1.24
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a215		1 @ 1'4"	0.26
a216		1 @ 8'0"	5.16
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a222		1 @ 4'0"	2.22
a223		1 @ 3'4"	1.73
a224		1 @ 2'8"	1.24
a225		1 @ 2'0"	0.75
a226		1 @ 1'4"	0.26
a227		1 @ 8'0"	5.16
a228		1 @ 7'4"	4.67
a229		1 @ 6'8"	4.18
a230		1 @ 6'0"	3.69
a231		1 @ 5'4"	3.20
a232		1 @ 4'8"	2.71
a233		1 @ 4'0"	2.22
a234		1 @ 3'4"	1.73
a235		1 @ 2'8"	1.24
a236		1 @ 2'0"	0.75
a237		1 @ 1'4"	0.26
a238		1 @ 8'0"	5.16
a239		1 @ 7'4"	4.67
a240		1 @ 6'8"	4.18
a241		1 @ 6'0"	3.69
a242		1 @ 5'4"	3.20
a243		1 @ 4'8"	2.71
a244		1 @ 4'0"	2.22
a245		1 @ 3'4"	1.73
a246		1 @ 2'8"	1.24
a247		1 @ 2'0"	0.75
a248		1 @ 1'4"	0.26
a249		1 @ 8'0"	5.16
a250		1 @ 7'4"	4.67
a251		1 @ 6'8"	4.18
a252		1 @ 6'0"	3.69
a253		1 @ 5'4"	3.20
a254		1 @ 4'8"	2.71
a255		1 @ 4'0"	2.22
a256		1 @ 3'4"	1.73
a257		1 @ 2'8"	1.24
a258		1 @ 2'0"	0.75
a259		1 @ 1'4"	0.26
a260		1 @ 8'0"	5.16
a261		1 @ 7'4"	4.67
a262		1 @ 6'8"	4.18
a263		1 @ 6'0"	3.69
a264		1 @ 5'4"	3.20
a265		1 @ 4'8"	2.71
a266		1 @ 4'0"	2.22
a267		1 @ 3'4"	1.73
a268		1 @ 2'8"	1.24
a269		1 @ 2'0"	0.75
a270		1 @ 1'4"	0.26
a271		1 @ 8'0"	5.16
a272		1 @ 7'4"	4.67
a273		1 @ 6'8"	4.18
a274		1 @ 6'0"	3.69
a275		1 @ 5'4"	3.20
a276		1 @ 4'8"	2.71
a277		1 @ 4'0"	2.22
a278		1 @ 3'4"	1.73
a279		1 @ 2'8"	1.24
a280		1 @ 2'0"	0.75
a281		1 @ 1'4"	0.26
a282		1 @ 8'0"	5.16
a283		1 @ 7'4"	4.67
a284		1 @ 6'8"	4.18
a285		1 @ 6'0"	3.69
a286		1 @ 5'4"	3.20
a287		1 @ 4'8"	2.71
a288		1 @ 4'0"	2.22
a289		1 @ 3'4"	1.73
a290		1 @ 2'8"	1.24
a291		1 @ 2'0"	0.75
a292		1 @ 1'4"	0.26
a293		1 @ 8'0"	5.16
a294		1 @ 7'4"	4.67
a295		1 @ 6'8"	4.18
a296		1 @ 6'0"	3.69
a297		1 @ 5'4"	3.20
a298		1 @ 4'8"	2.71
a299		1 @ 4'0"	2.22
a300		1 @ 3'4"	1.73
a301		1 @ 2'8"	1.24
a302		1 @ 2'0"	0.75
a303		1 @ 1'4"	0.26
a304		1 @ 8'0"	5.16
a305		1 @ 7'4"	4.67
a306		1 @ 6'8"	4.18
a307		1 @ 6'0"	3.69
a308		1 @ 5'4"	3.20
a309		1 @ 4'8"	2.71
a310		1 @ 4'0"	2.22
a311		1 @ 3'4"	1.73
a312		1 @ 2'8"	1.24
a313		1 @ 2'0"	0.75
a314		1 @ 1'4"	0.26
a315		1 @ 8'0"	5.16
a316		1 @ 7'4"	4.67
a317		1 @ 6'8"	4.18
a318		1 @ 6'0"	3.69
a319		1 @ 5'4"	3.20
a320		1 @ 4'8"	2.71
a321		1 @ 4'0"	2.22
a322		1 @ 3'4"	1.73
a323		1 @ 2'8"	1.24
a324		1 @ 2'0"	0.75
a325		1 @ 1'4"	0.26
a326		1 @ 8'0"	5.16
a327		1 @ 7'4"	4.67
a328		1 @ 6'8"	4.18
a329		1 @ 6'0"	3.69
a330		1 @ 5'4"	3.20
a331		1 @ 4'8"	2.71
a332		1 @ 4'0"	2.22
a333		1 @ 3'4"	1.73
a334		1 @ 2'8"	1.24
a335		1 @ 2'0"	0.75