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16

15

CITY LIMITS

State Ave. Bridge Structure

CAMPUS

U.S. INDIAN HOSPITAL RESERVATION

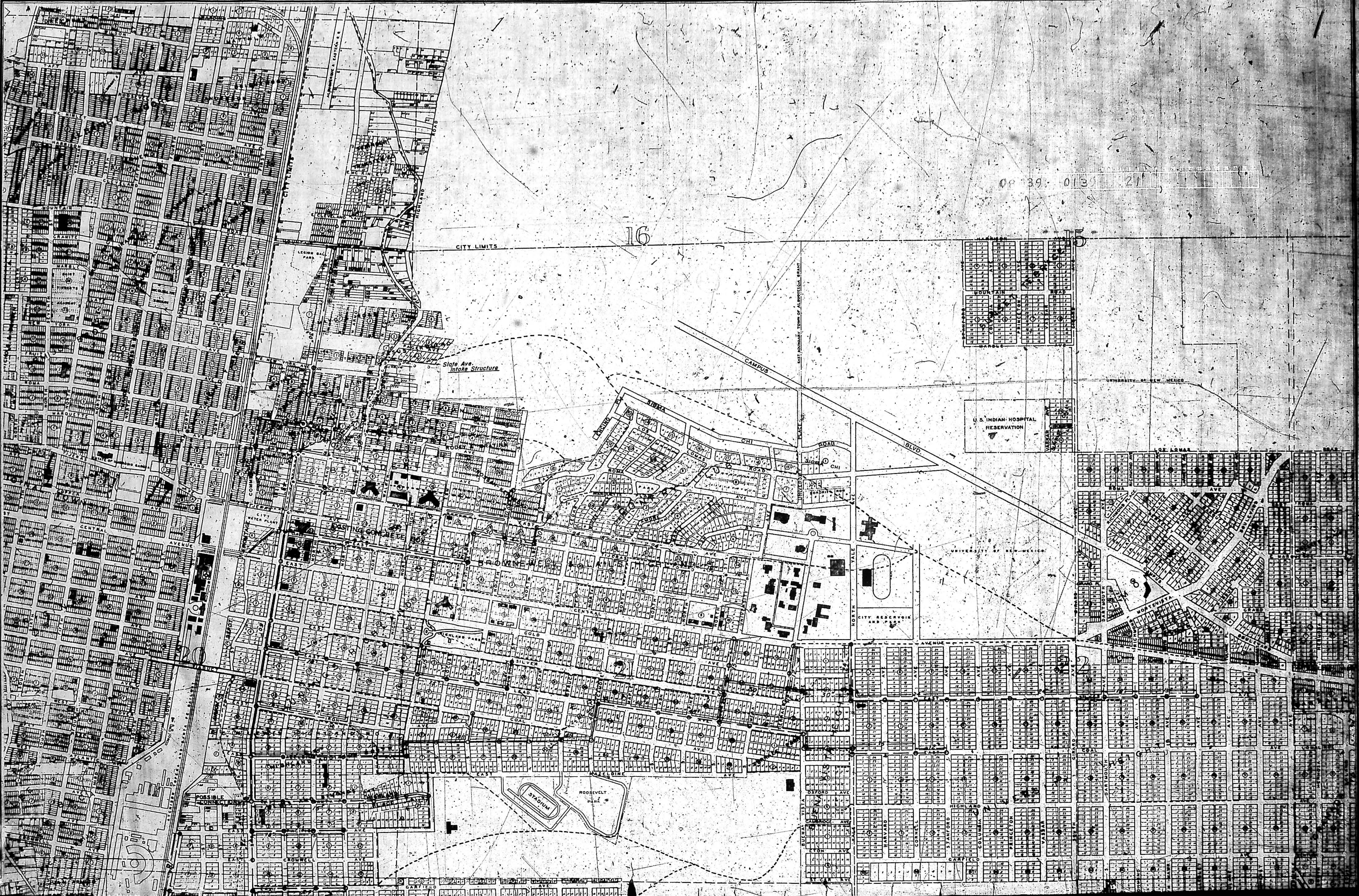
UNIVERSITY OF NEW MEXICO

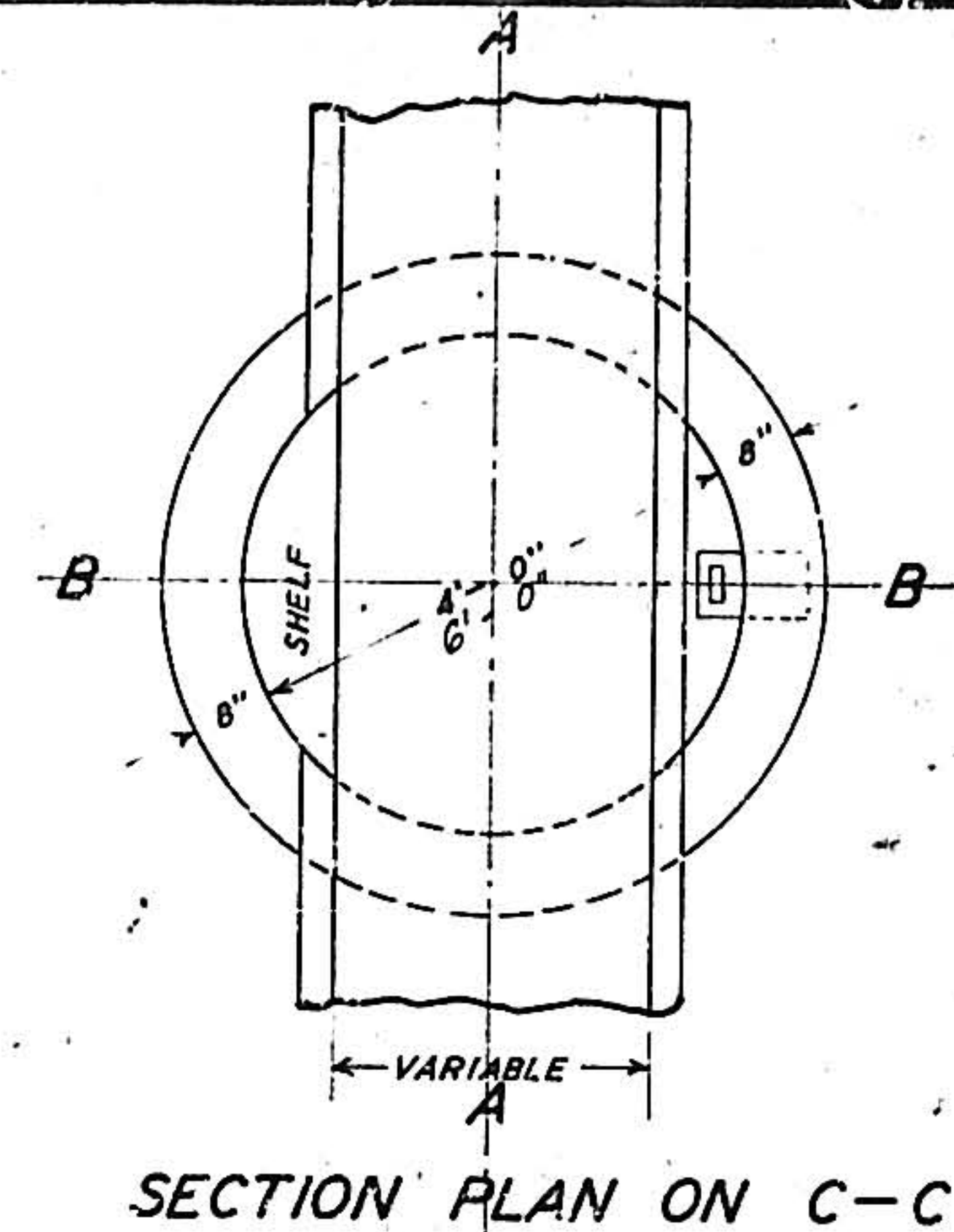
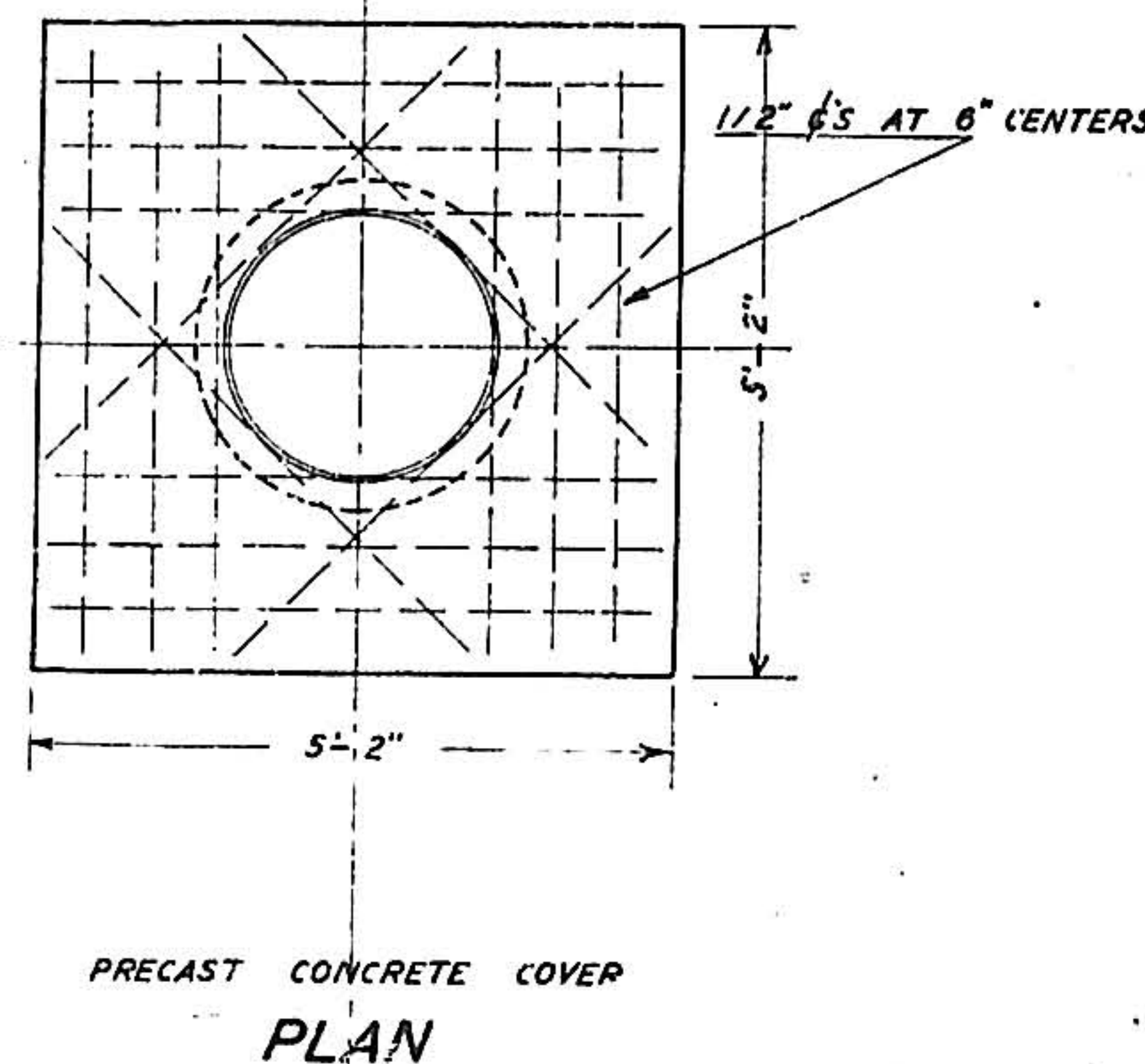
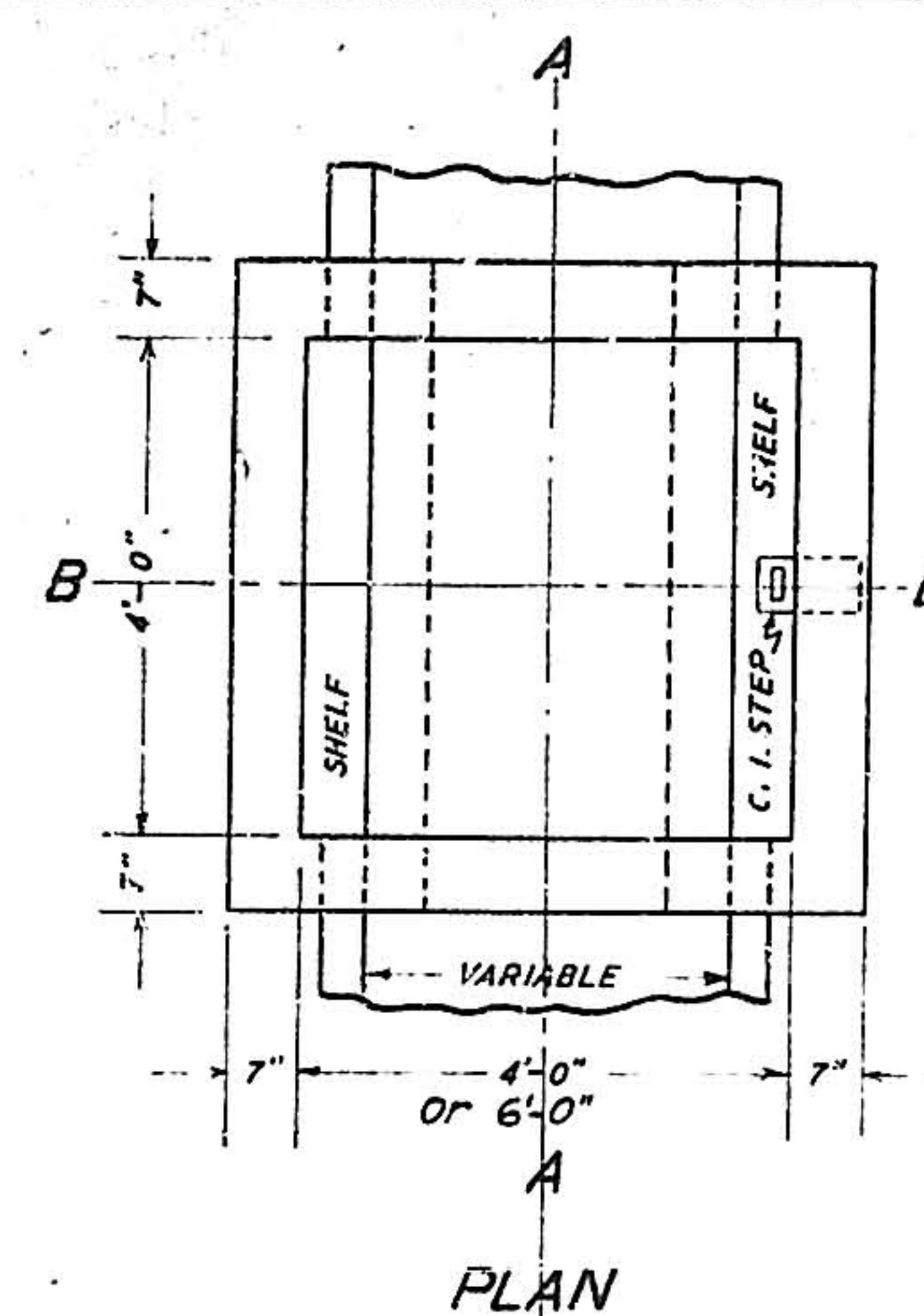
NORTH CITY RESERVOIR AND

ROOSEVELT PARK

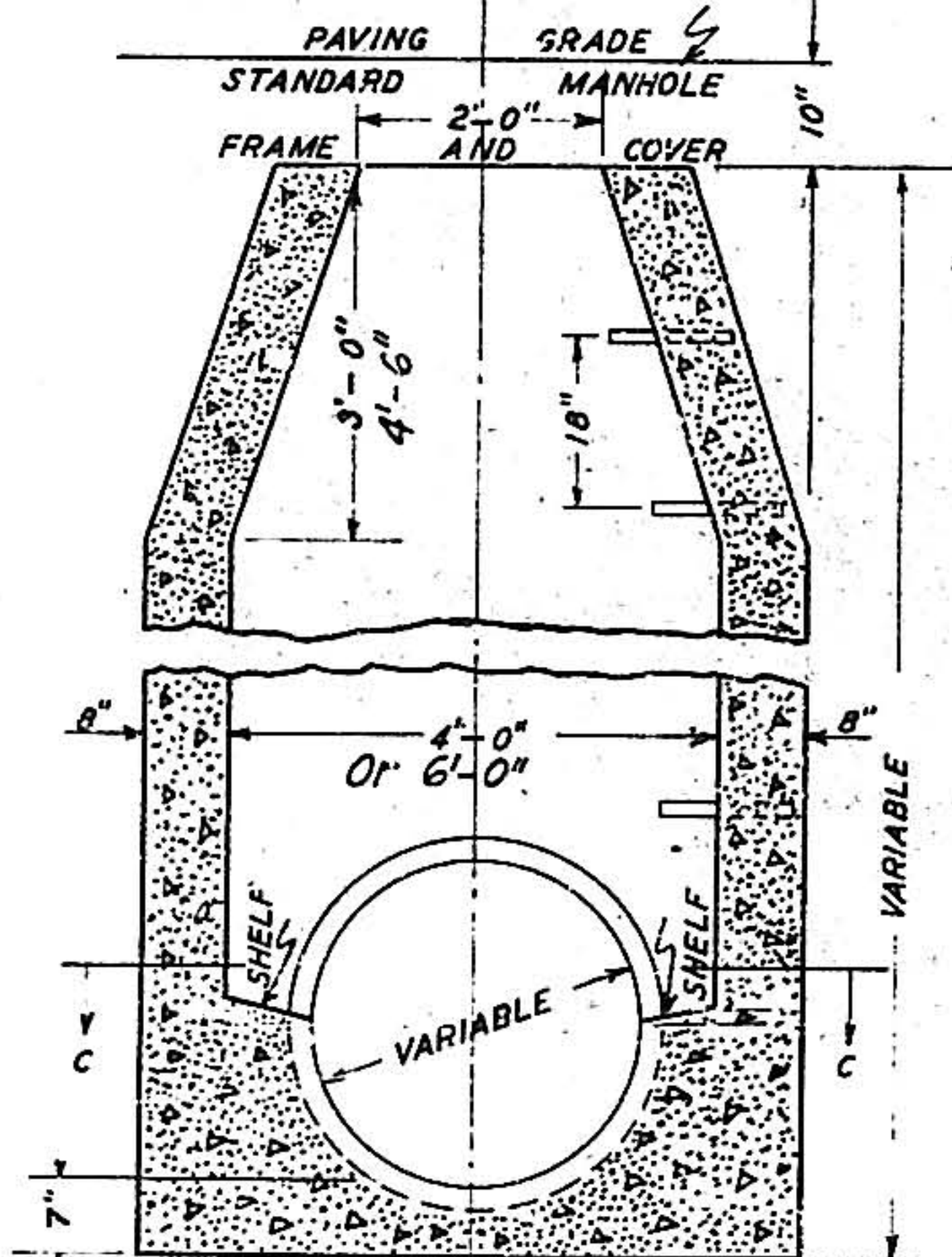
STADIUM

POSSIBLE

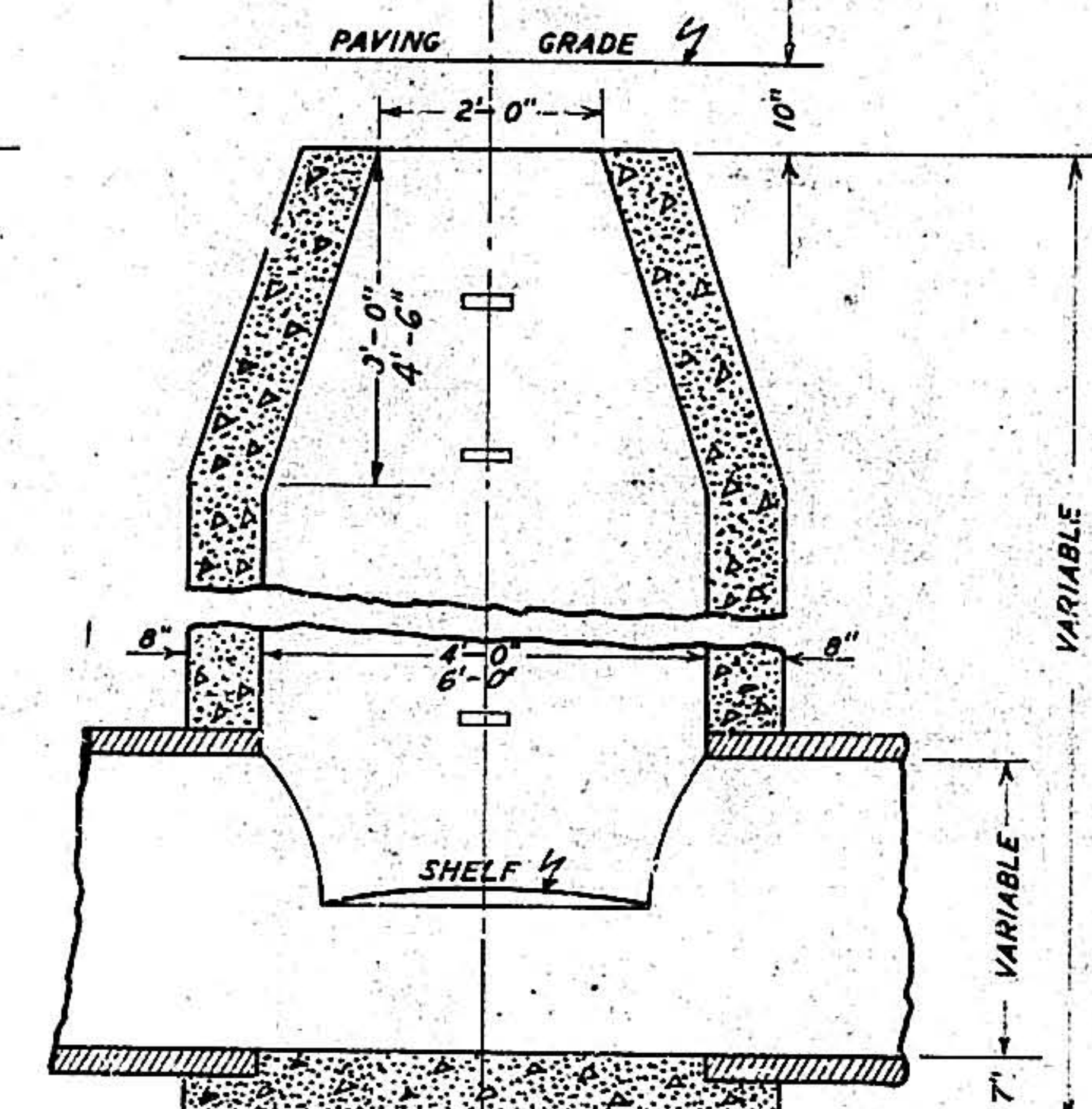




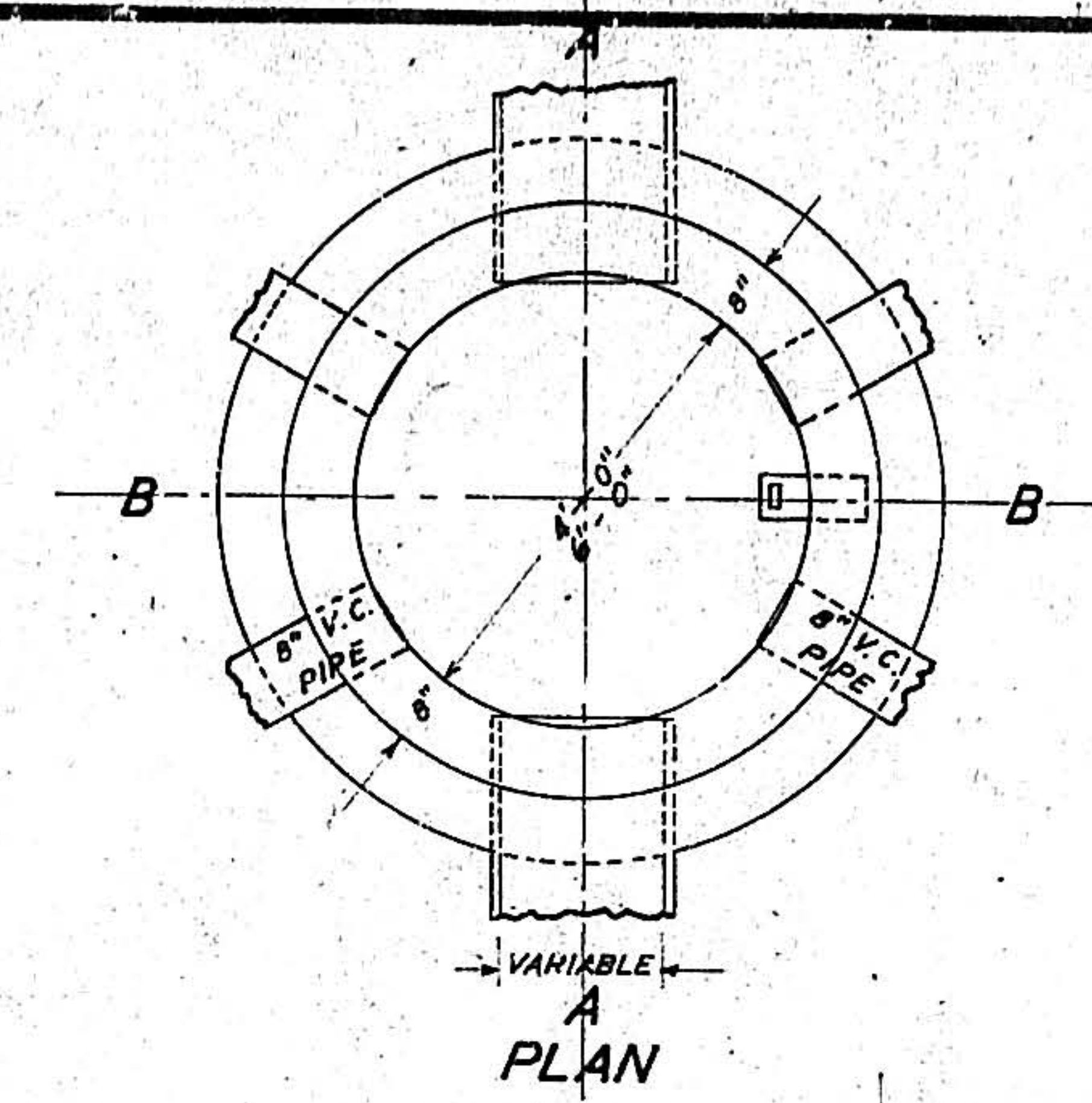
SECTION PLAN ON C-C



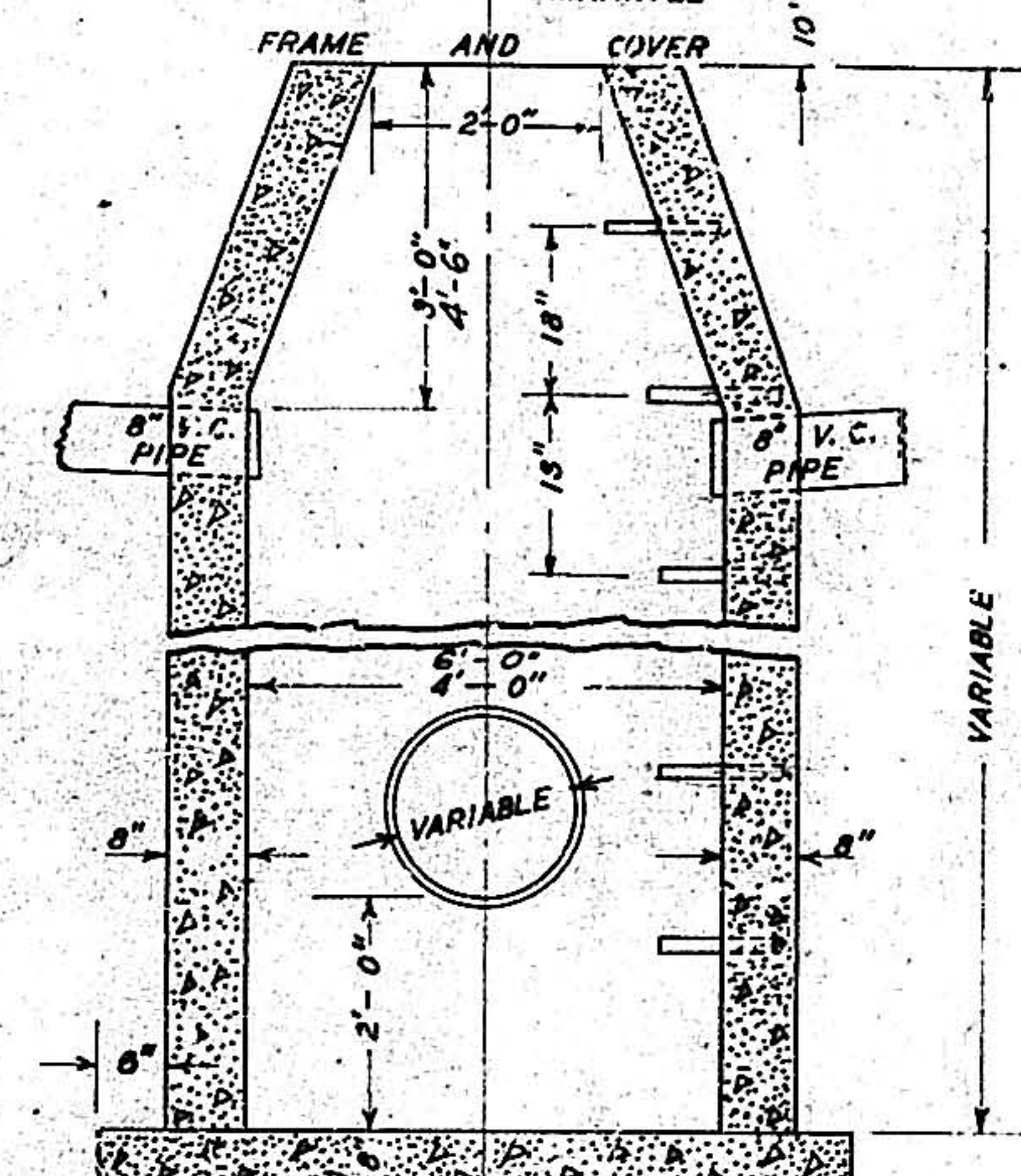
SECTION ON B-B
STANDARD STORM SEWER MANHOLE "A"



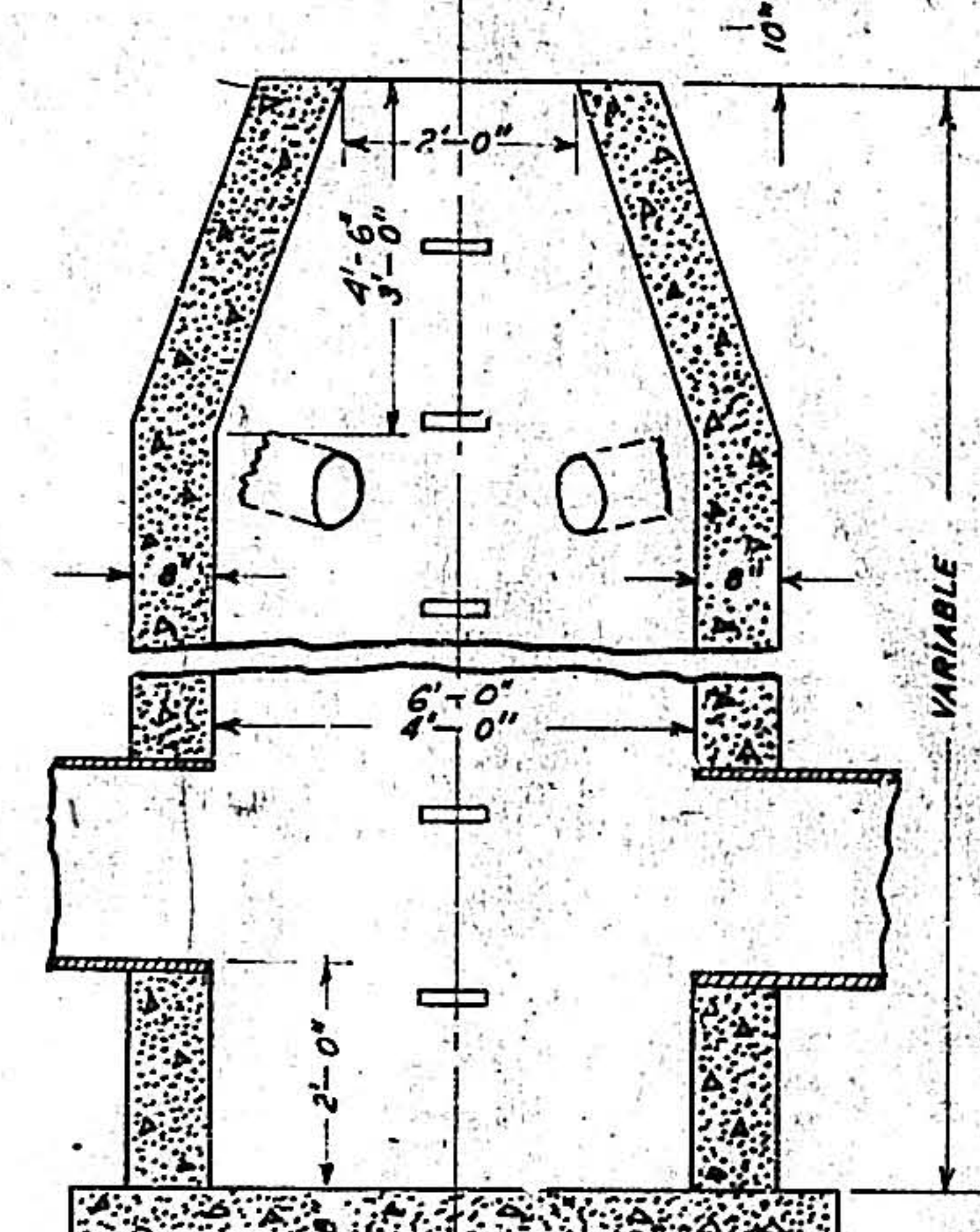
SECTION ON A-A
STANDARD STORM SEWER MANHOLE "B"



PLAN



SECTION ON B-B
STANDARD STORM SEWER MANHOLE "C"



SECTION ON A-A
STANDARD STORM SEWER MANHOLE "C"

NOTE

The Contractor has the option of building the masonry walls of all manholes of solid concrete brick or blocks, having a thickness of not less than 4 inches, a width of not less than 8 inches and a length of 12 to 14 inches. The concrete from which such bricks or blocks are constructed shall meet the specifications for class "A" as set forth in Storm Sewer Specifications for the City of Albuquerque, New Mexico. Type of block must be approved by the Engineer and each block shall be molded with a curvature equal to and matching exactly that of the manhole being built. All concrete blocks shall conform in all respects to the Standard Specifications for Solid Load-Bearing Concrete Masonry Units, A.S.T.M. Designation: C 145 - 40, or any subsequent revisions thereof.

Addendum

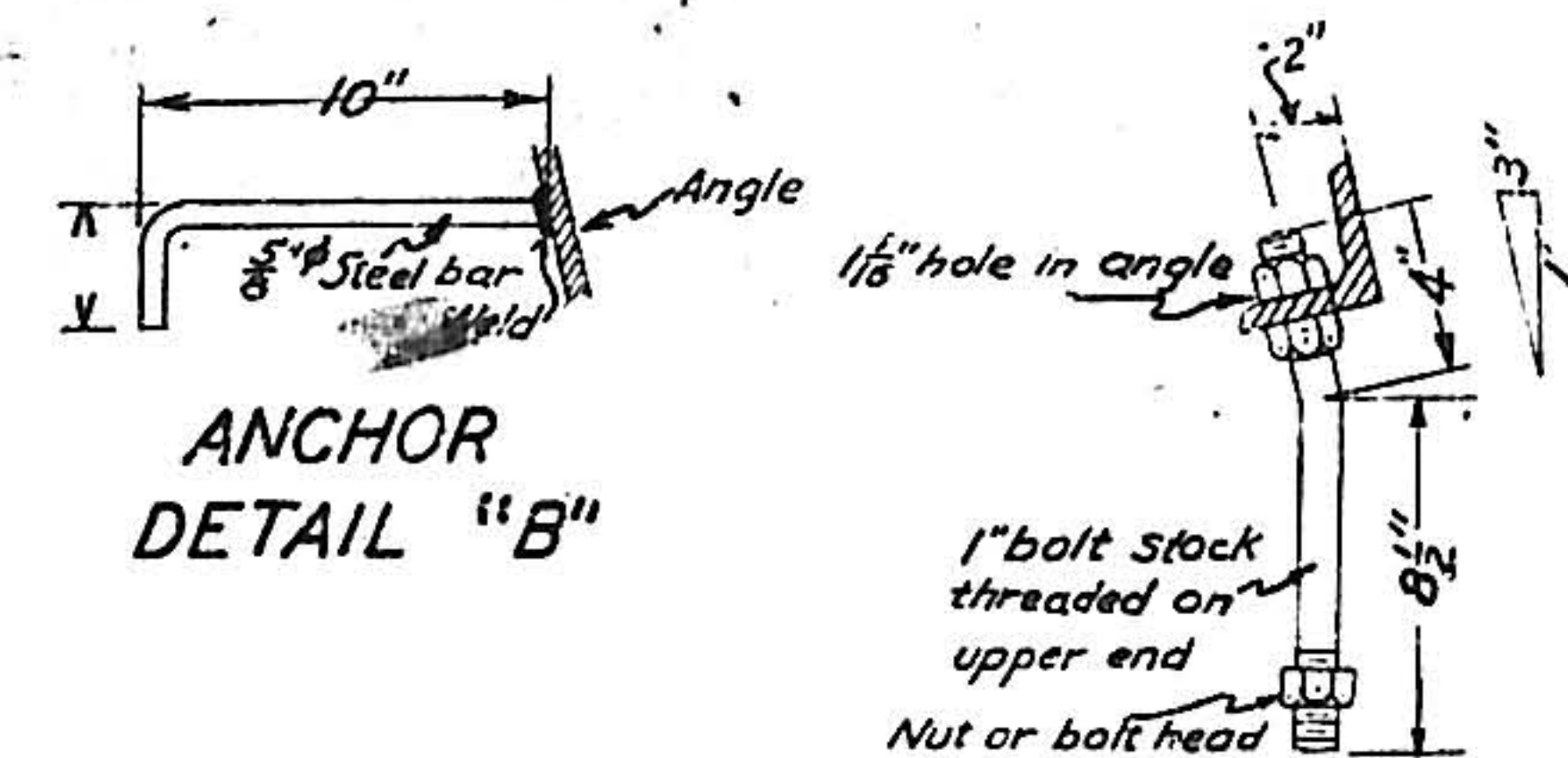
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STATE OF NEW MEXICO
CITY OF ALBUQUERQUE
HIGHLAND STORM SEWER
STANDARD MANHOLE DESIGNS

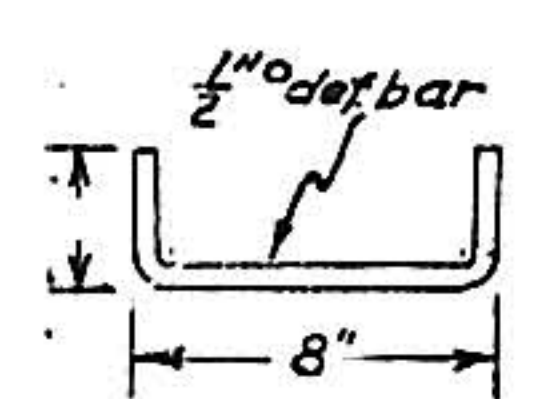
DRAWN: A.P.S.
TRACED: A.P.S.
CHECKED: A.P.S.

RECOMMENDED
APPROVED: [Signature]
AUGUST 23, 1935

ALBUQUERQUE, NEW MEXICO
SHEET NO. 2



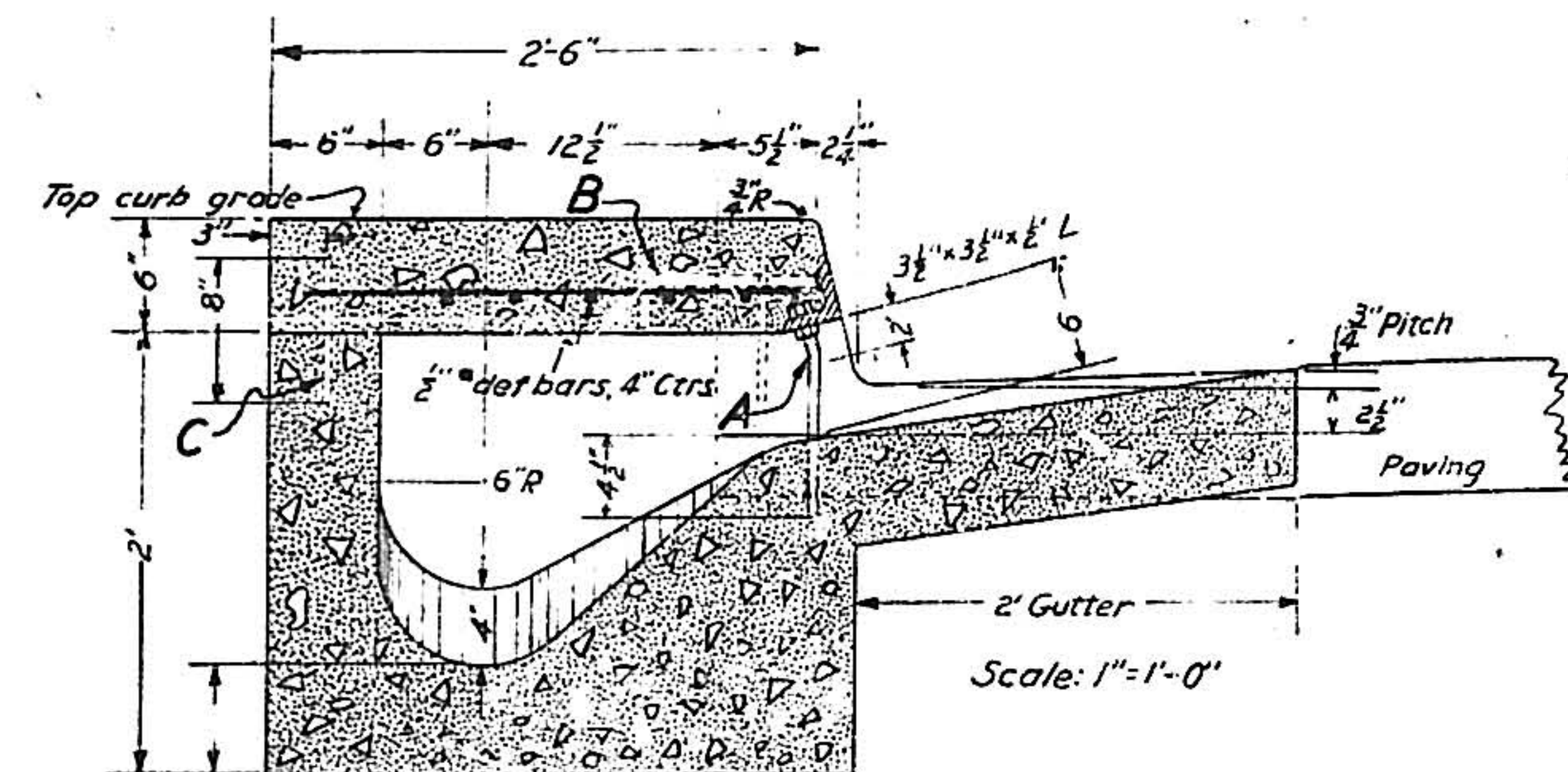
ANCHOR
DETAIL "B"



DOWEL
DETAIL "C"

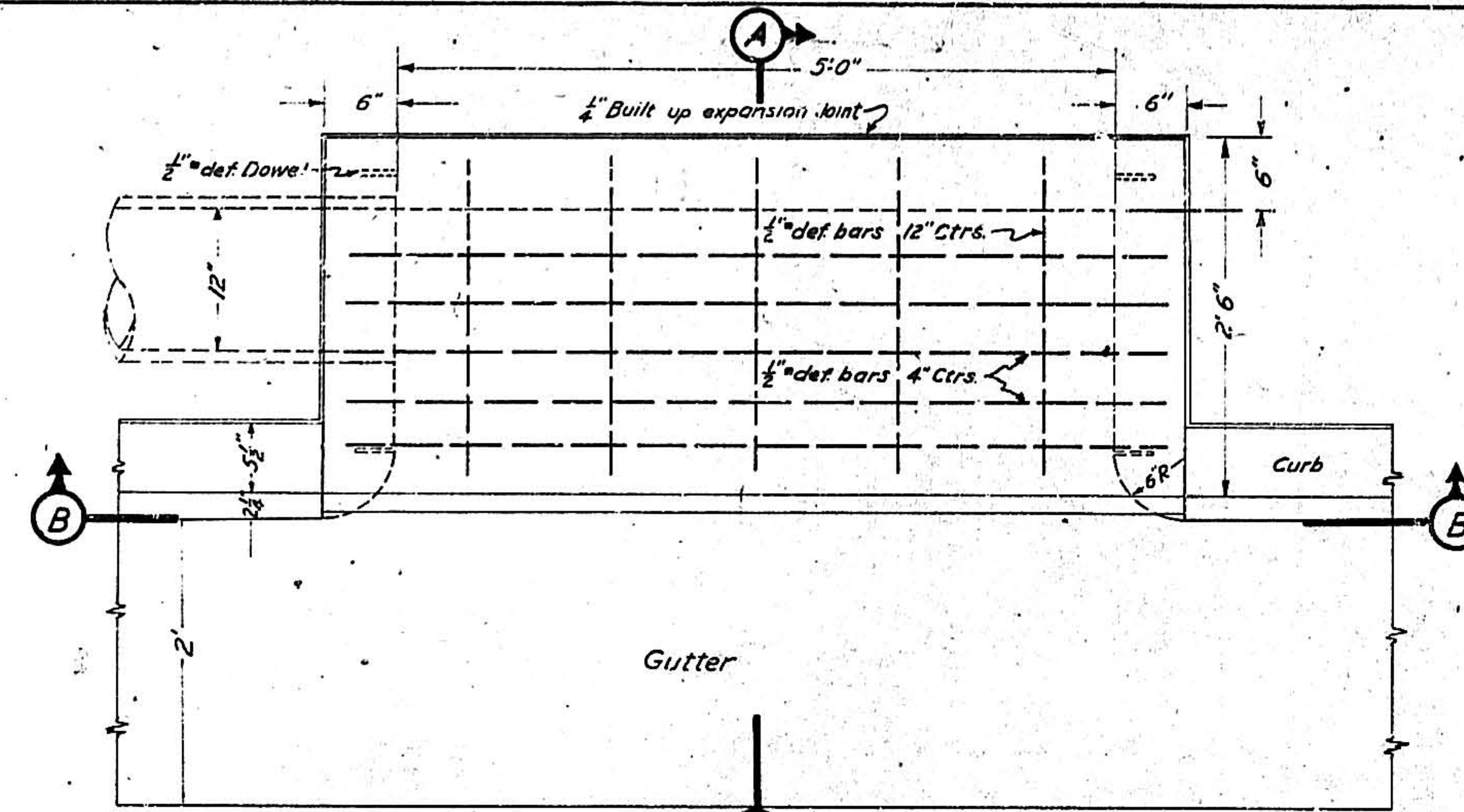
GRATE BOLT
DETAIL "A"

Scale $1\frac{1}{2}$ "=1'-0"

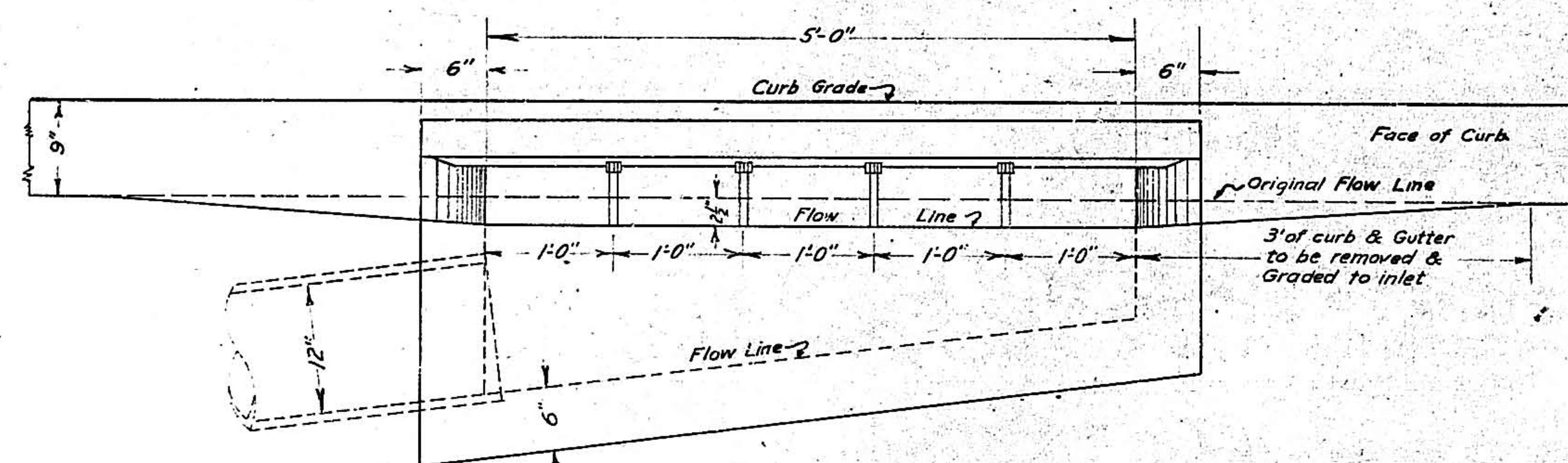


SECTION A-A

Scale: 1"=1'-0"

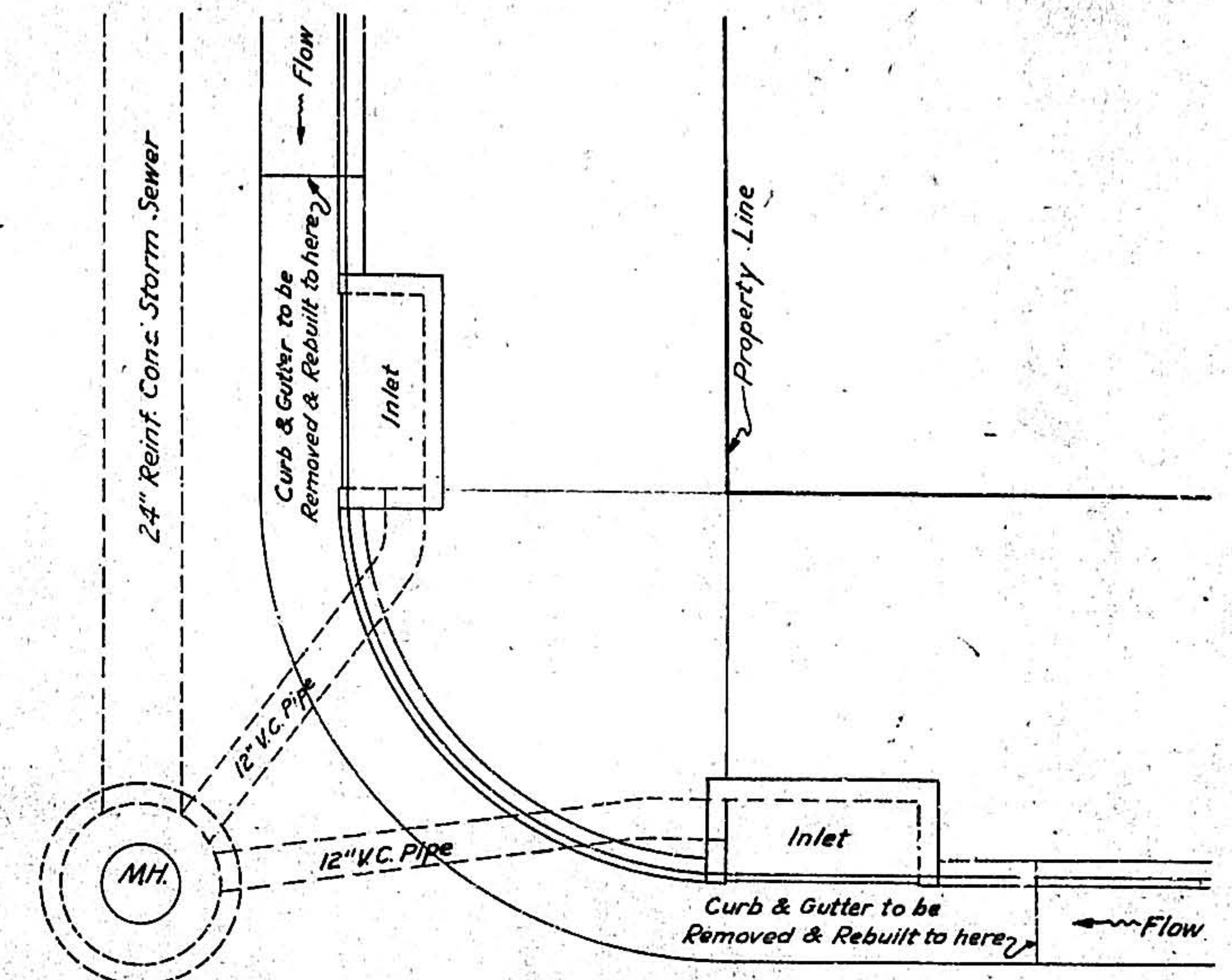


PLAN - CURB TYPE INLET - TYPE A



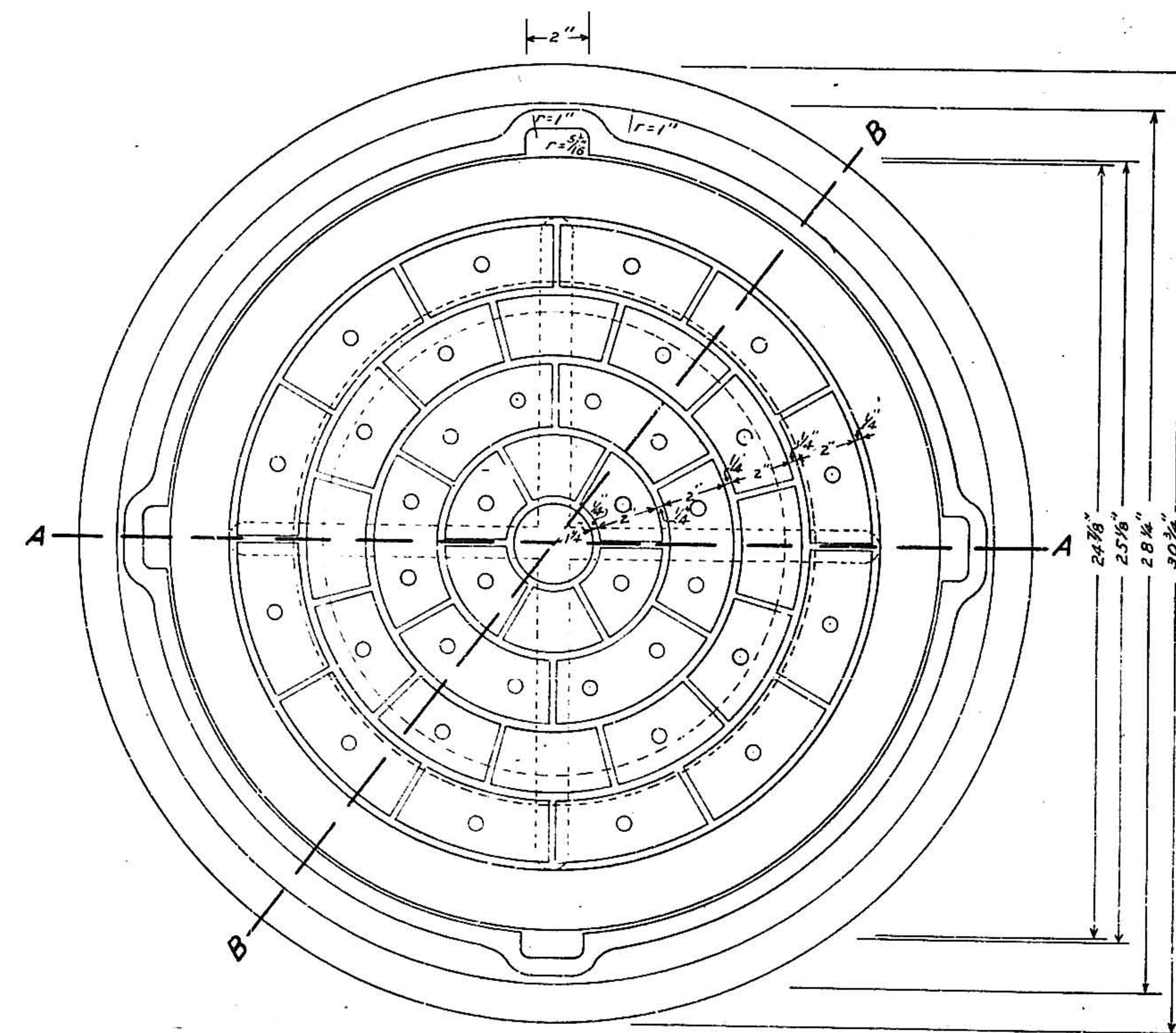
SECTION B-B

Scale: 1"=1'-0"



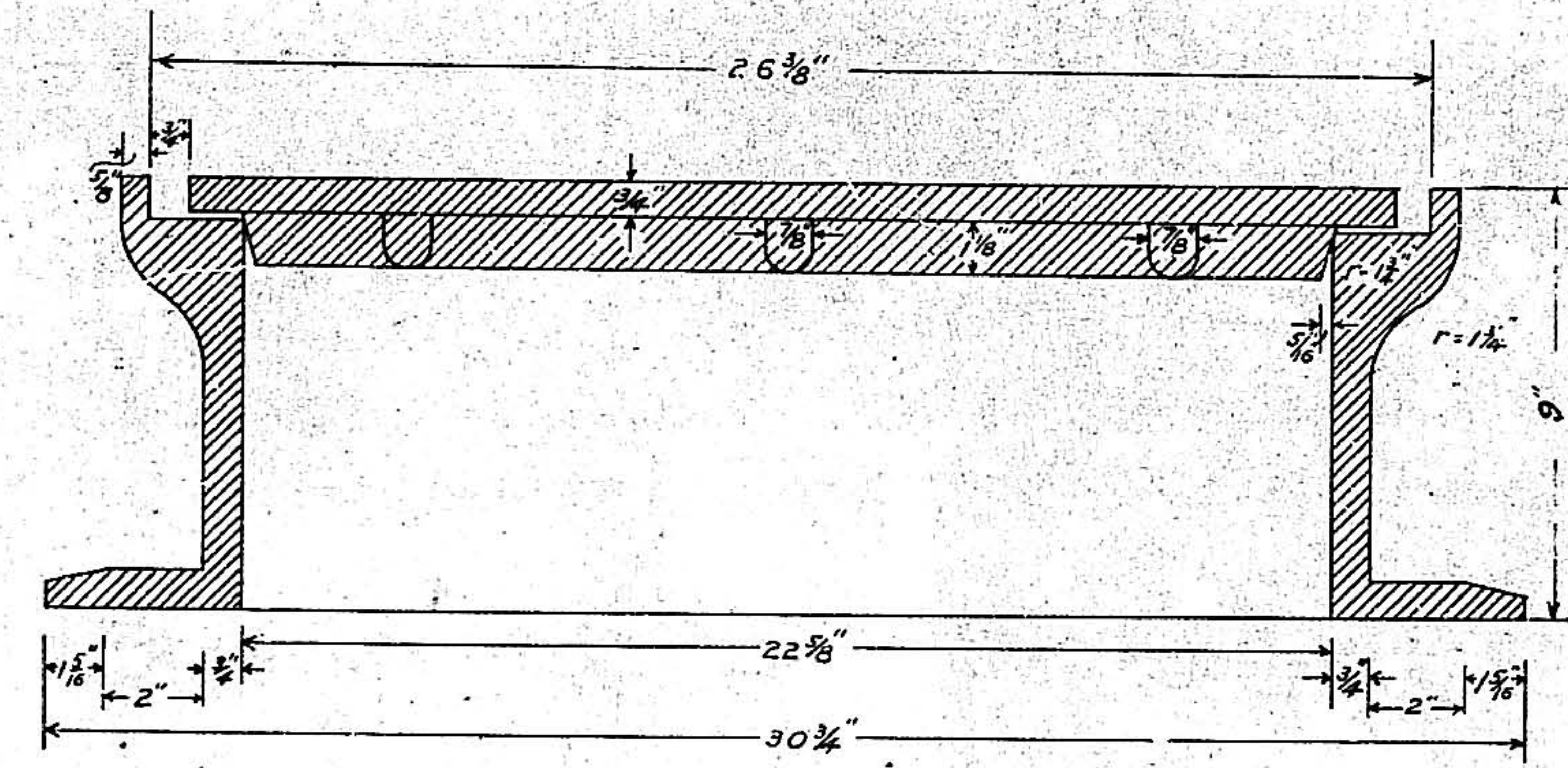
LOCATION OF INLETS IN STREET

Scale: $1\frac{1}{2}$ "=1'-0"

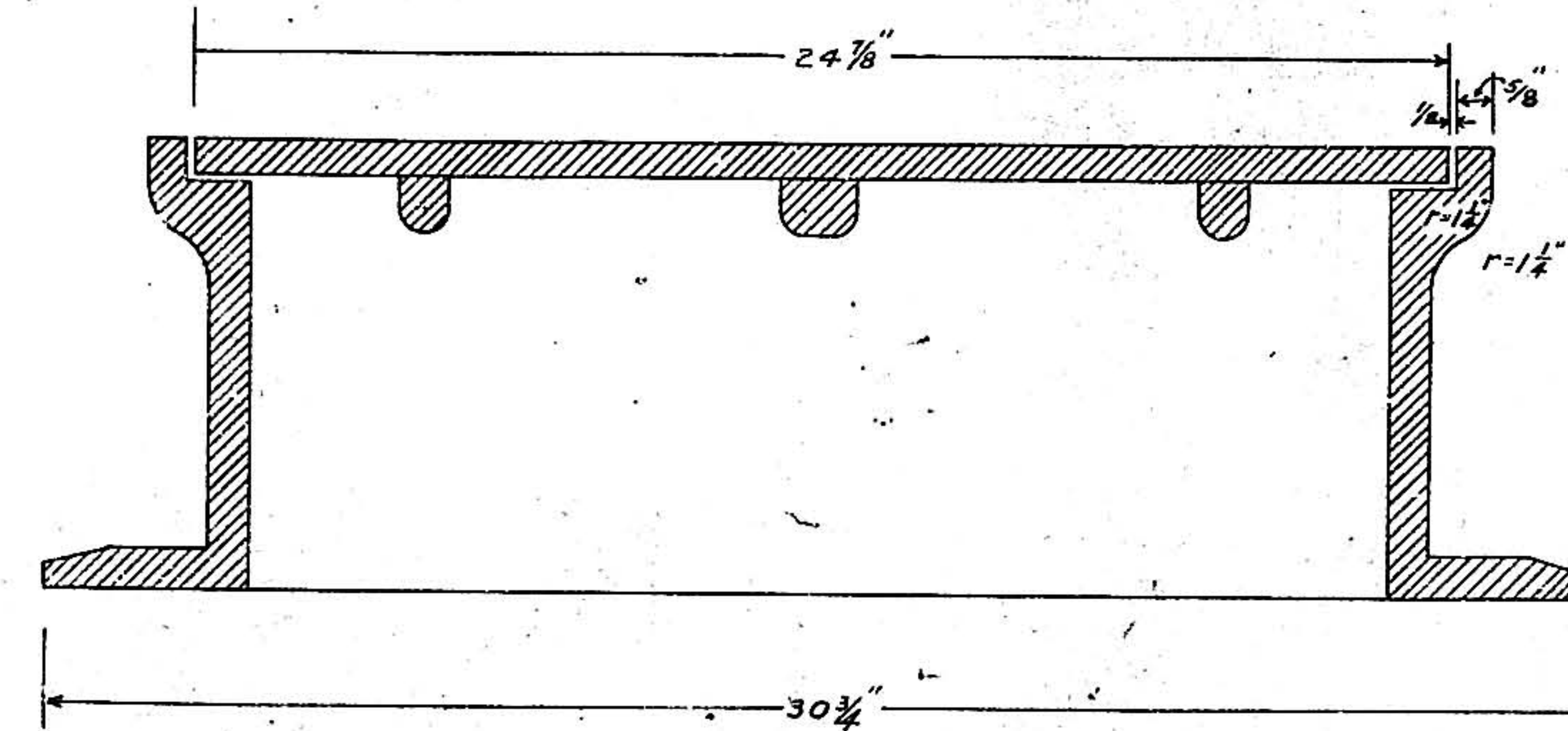


PLAN
STANDARD MANHOLE FRAME AND COVER

Scale: $1\frac{1}{2}$ "=1'-0"



SECTION A-A



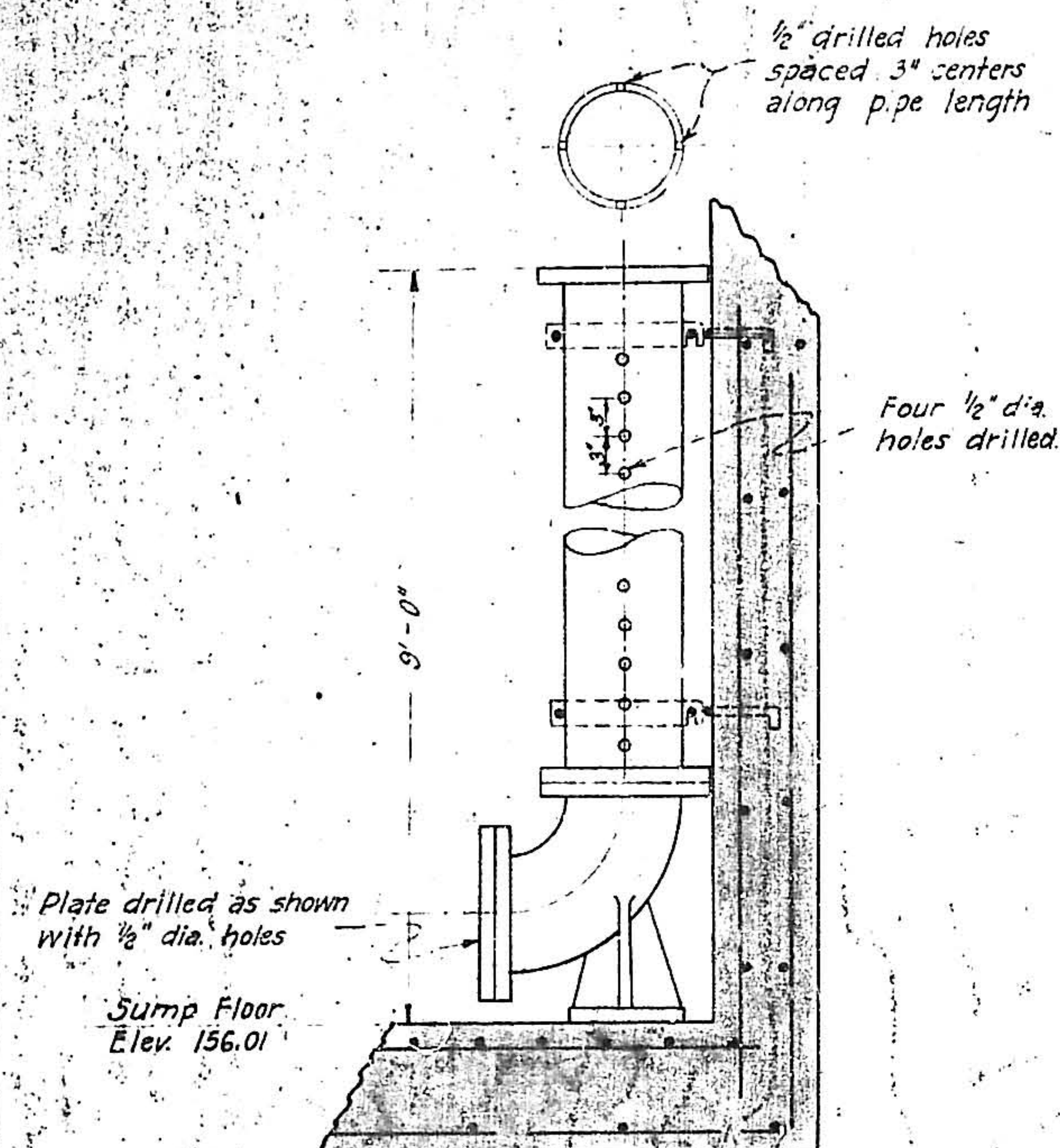
SECTION B-B

Scale: $1\frac{1}{2}$ "=1'-0"

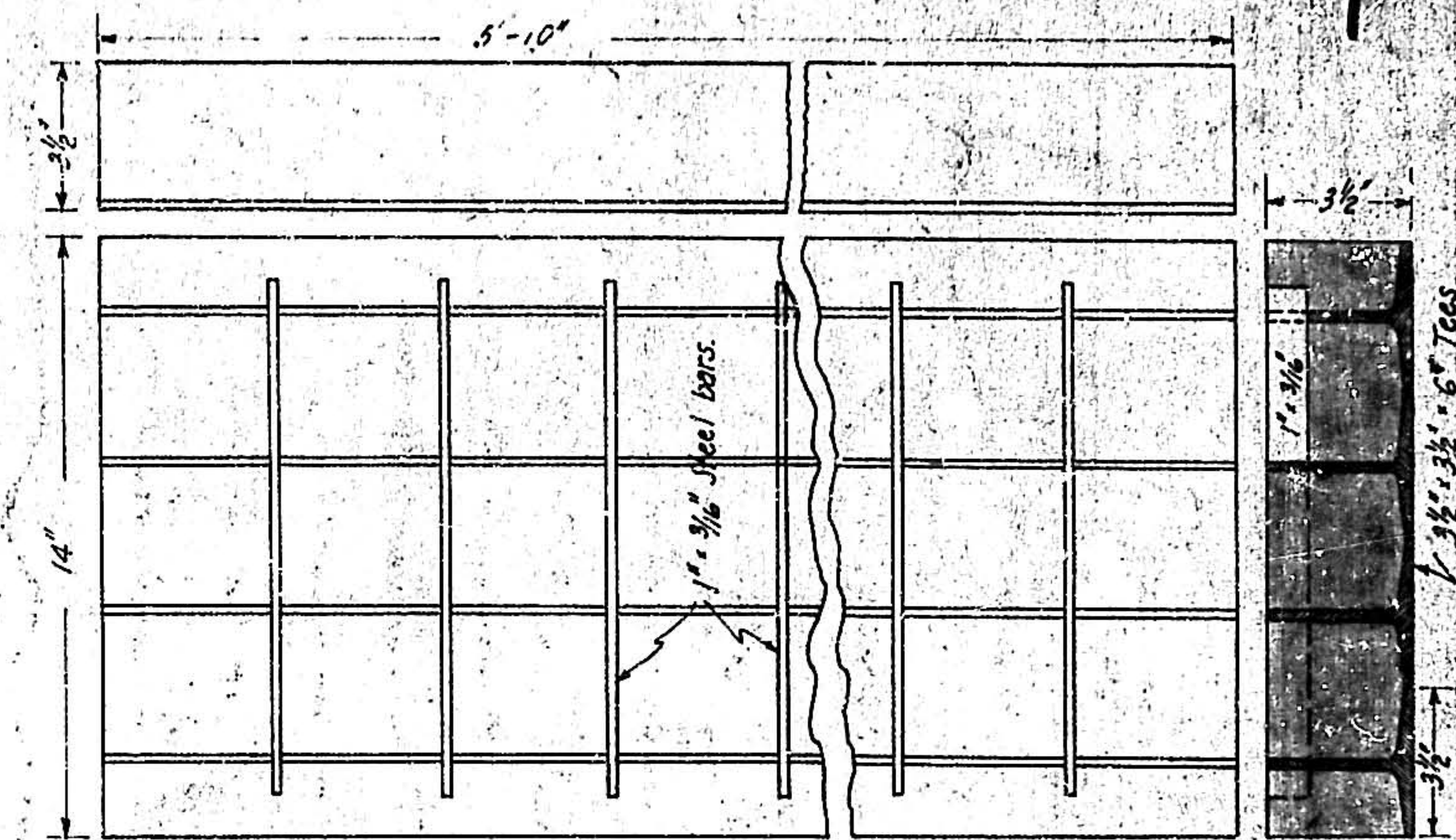
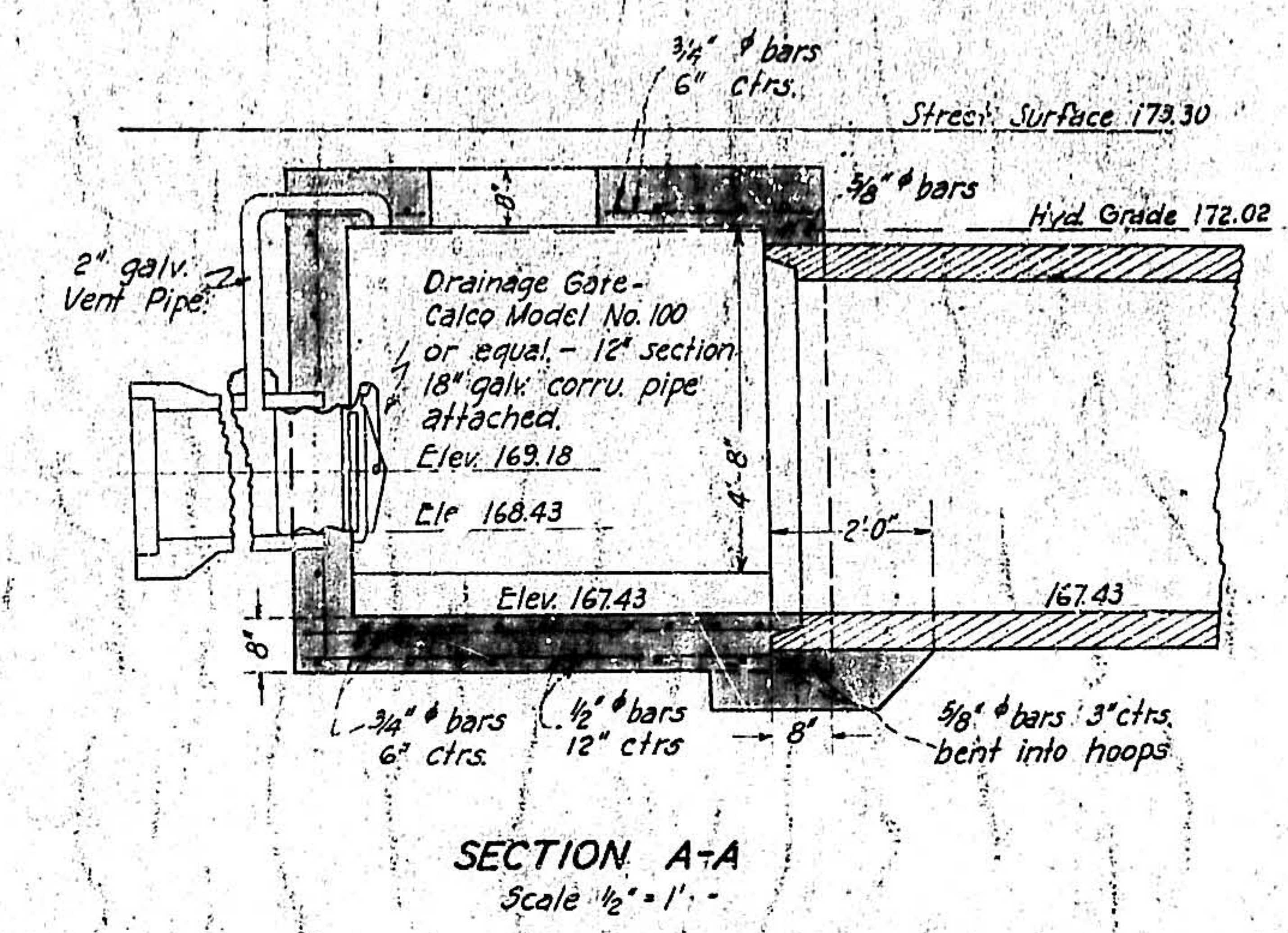
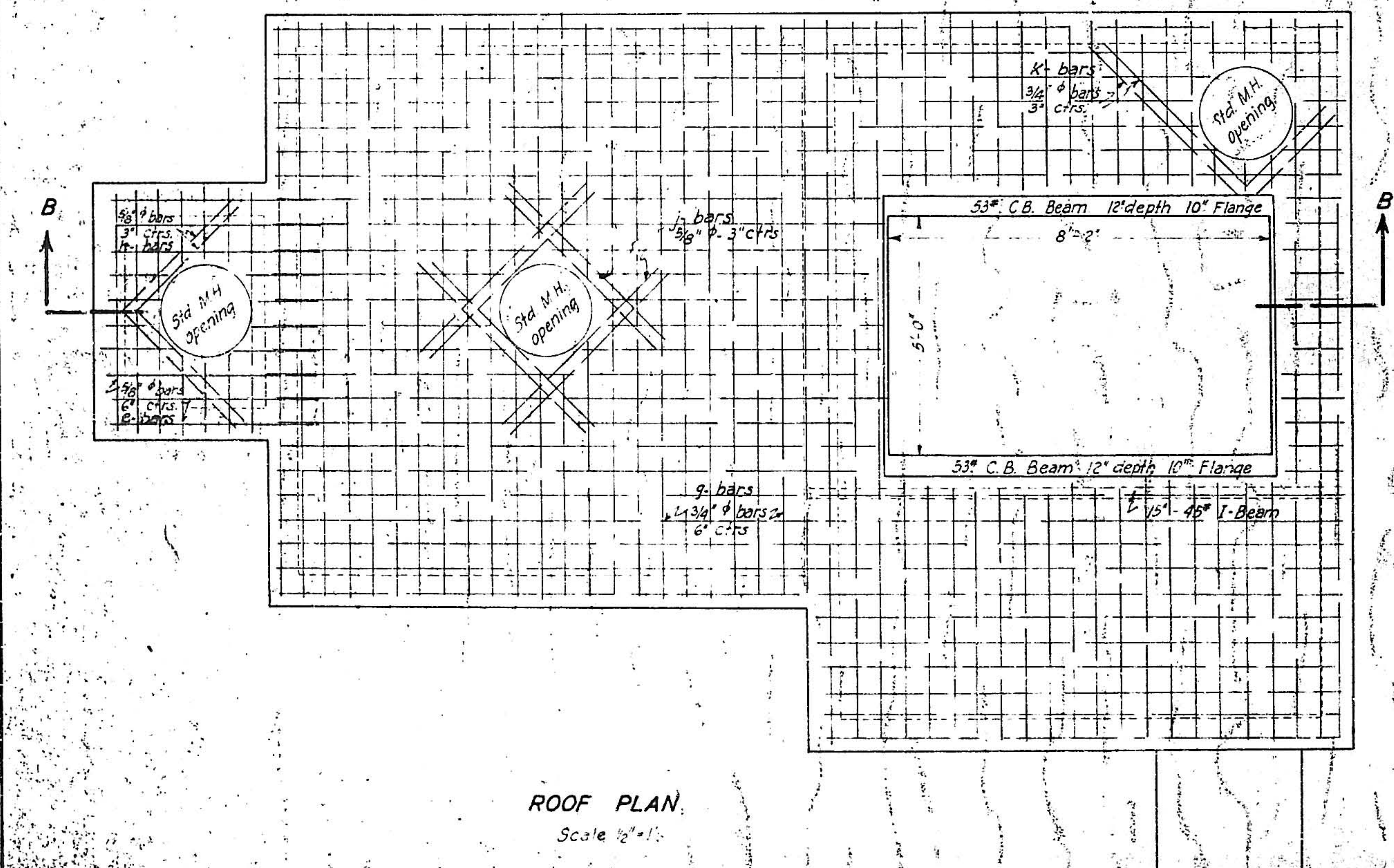
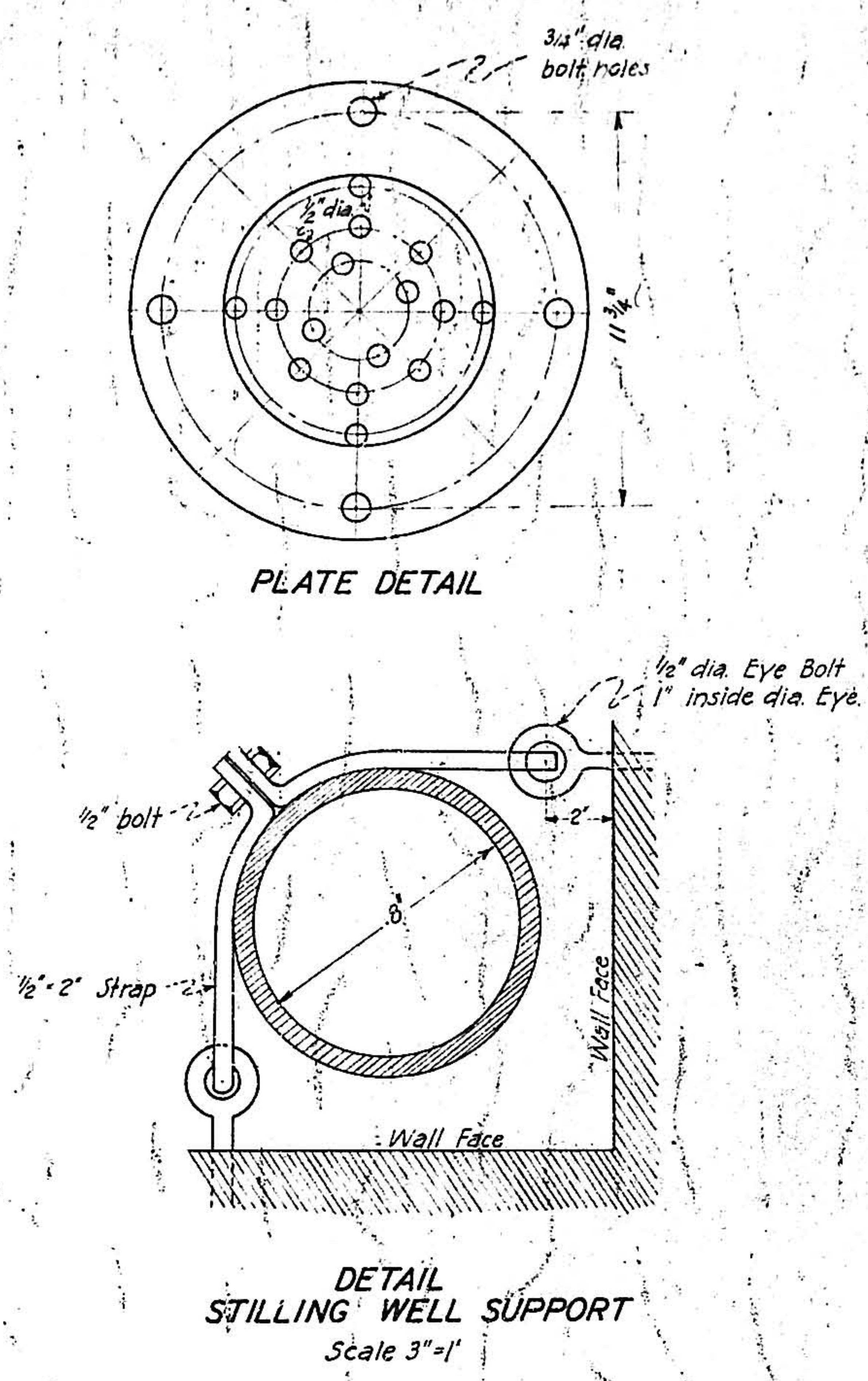
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STATE OF NEW MEXICO
CITY OF ALBUQUERQUE
HIGHLAND STORM SEWERS
TYPE A
CURB TYPE INLET
AND
STANDARD MANHOLE FRAME AND COVER

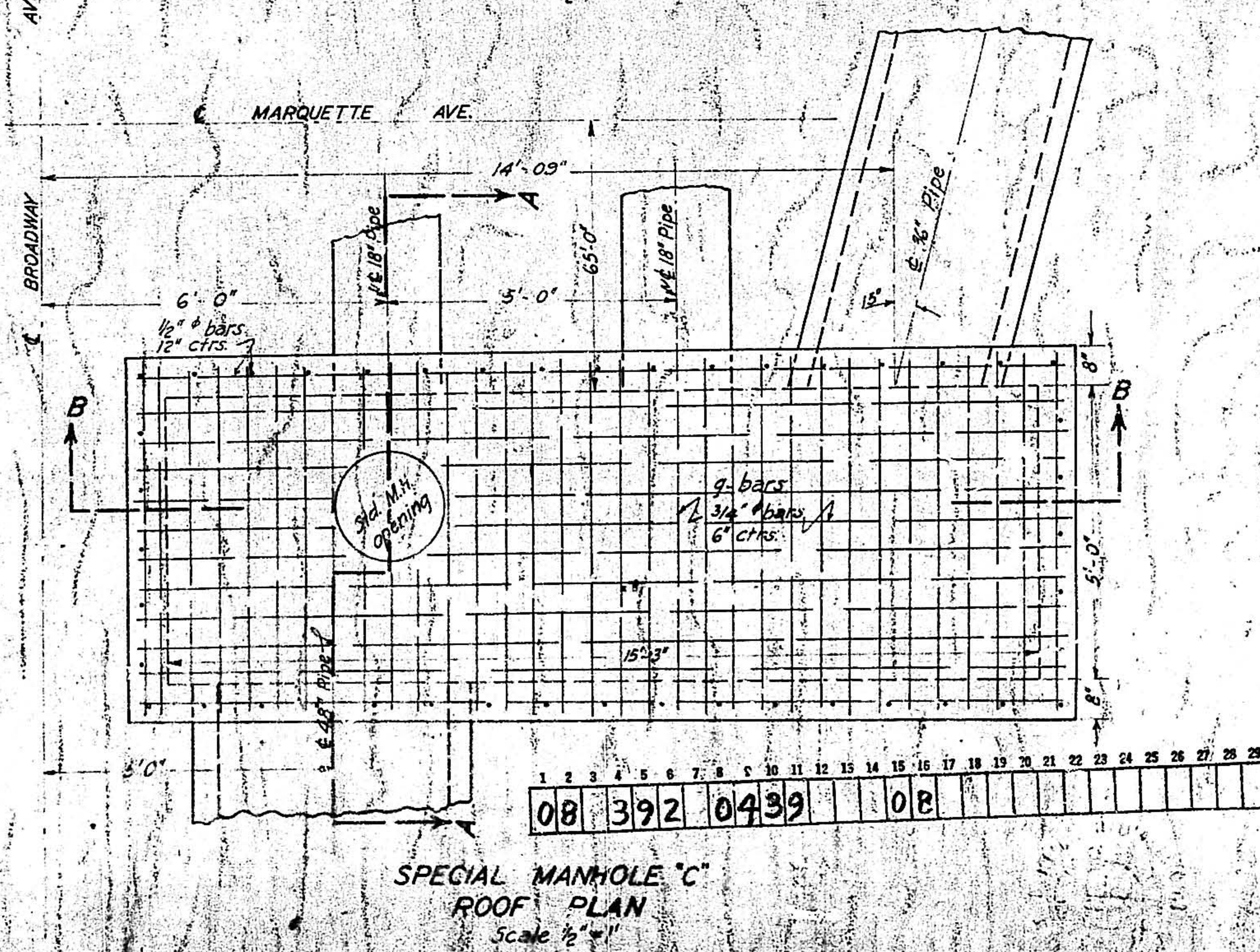
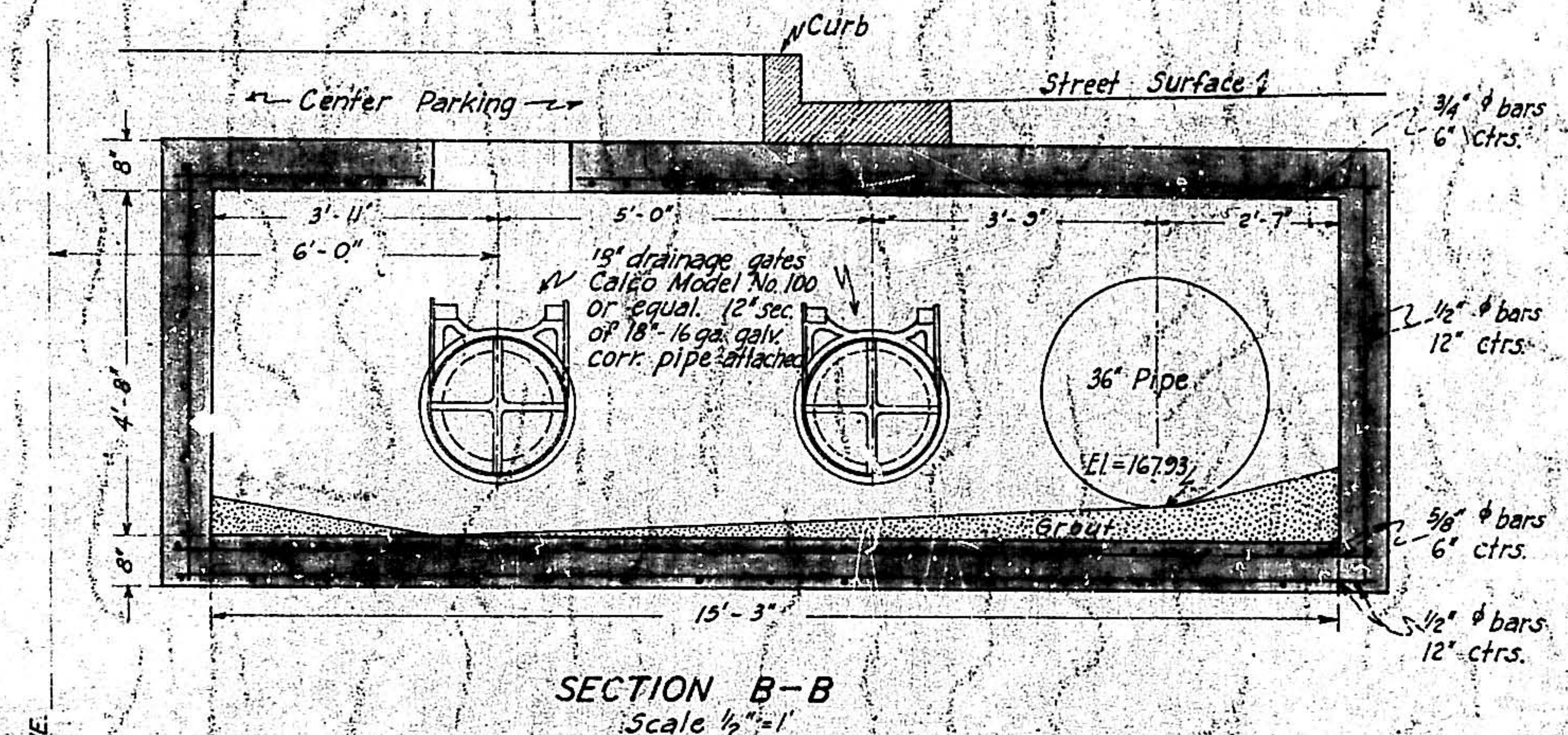
DRAWN E.G. --- RECOMMENDED
TRACED R.S.H. --- APPROVED E.O. RUTH
CHECKED --- ALBUQUERQUE, NEW MEXICO
OCTOBER 9, 1935 SHEET NO. 5



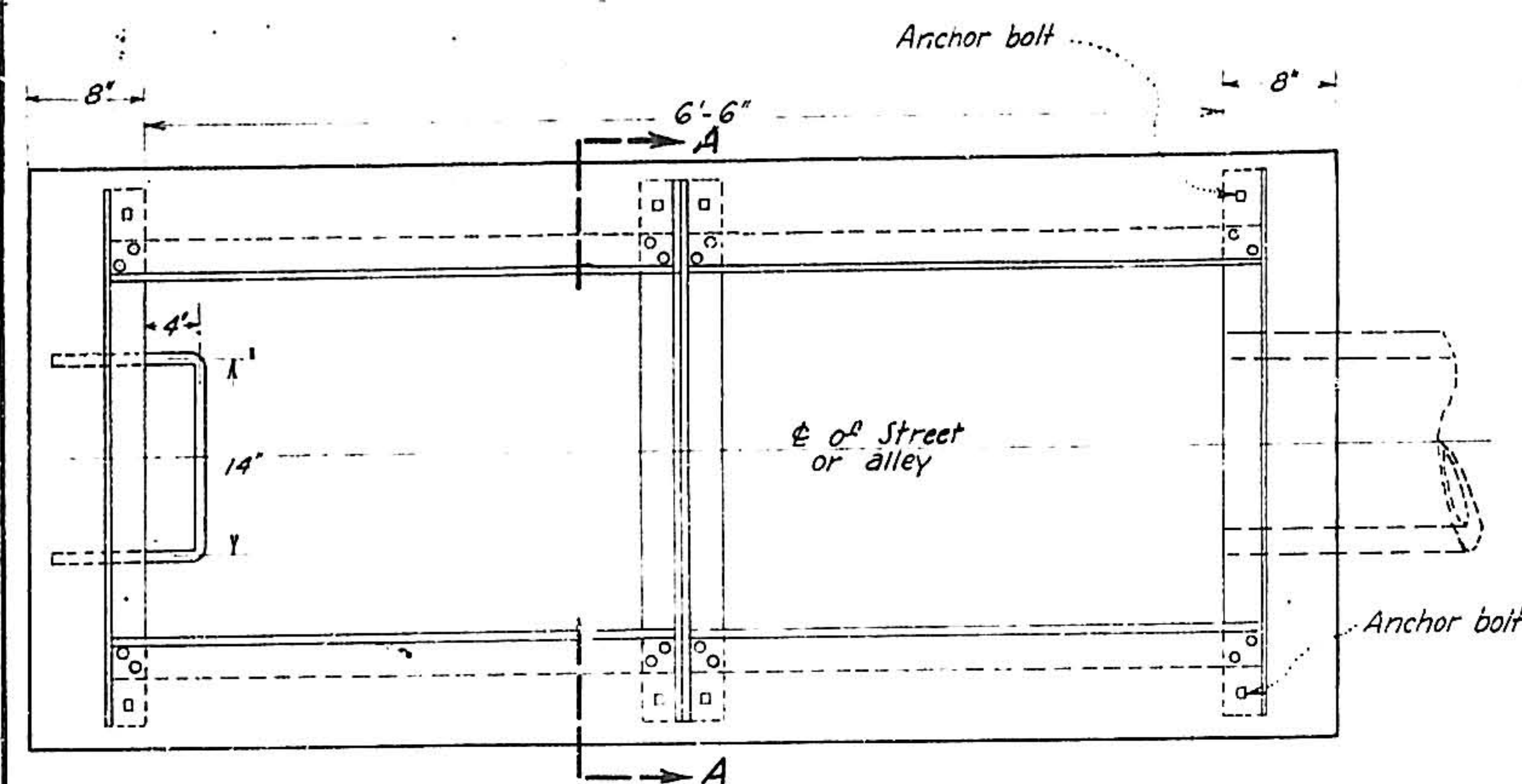
8"-125th CAST IRON PIPE STILLING WELL
Scale 1"=1'



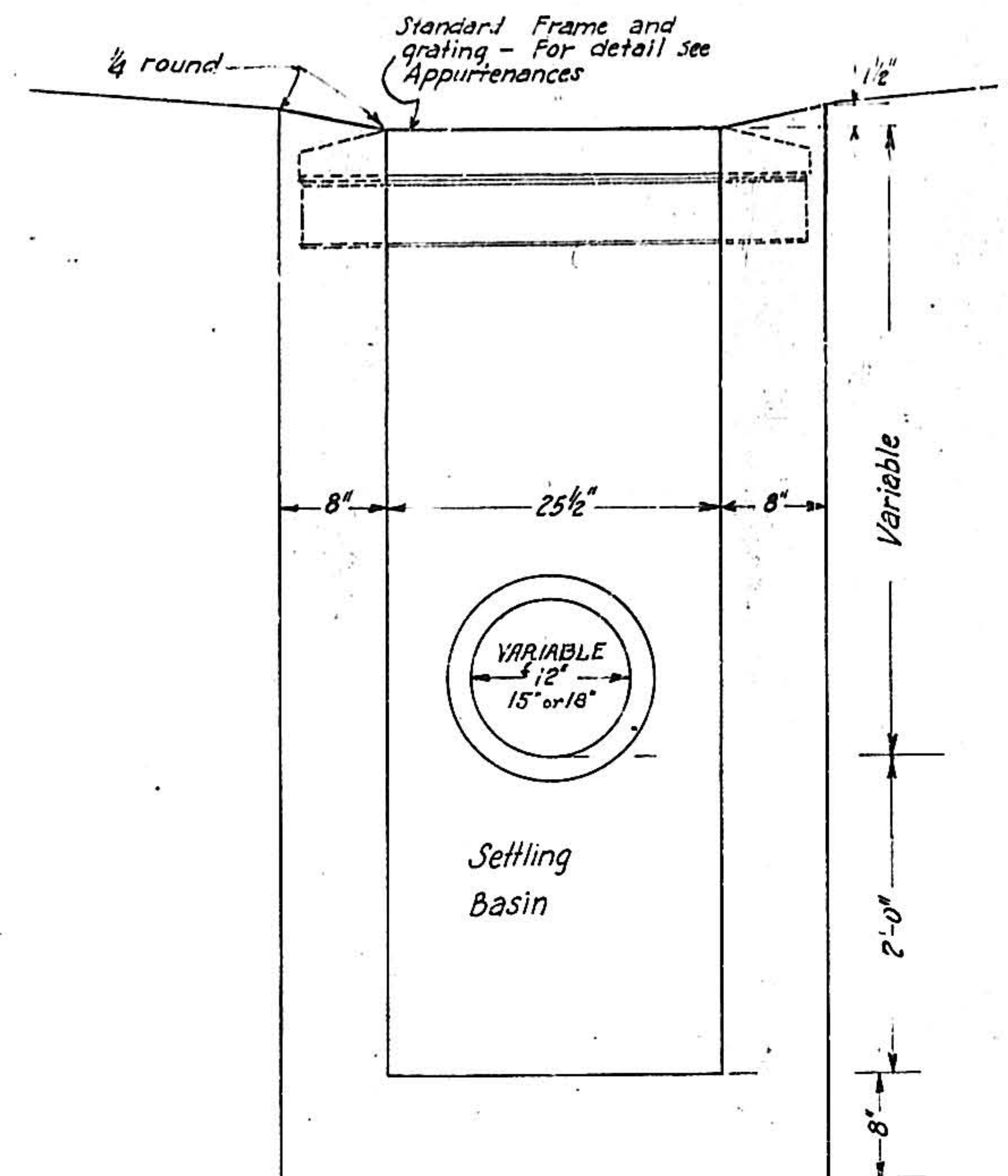
CARNEGIE STEEL CO. T-TRI-LOK SLAB OR EQUAL
Scale 3"=1'



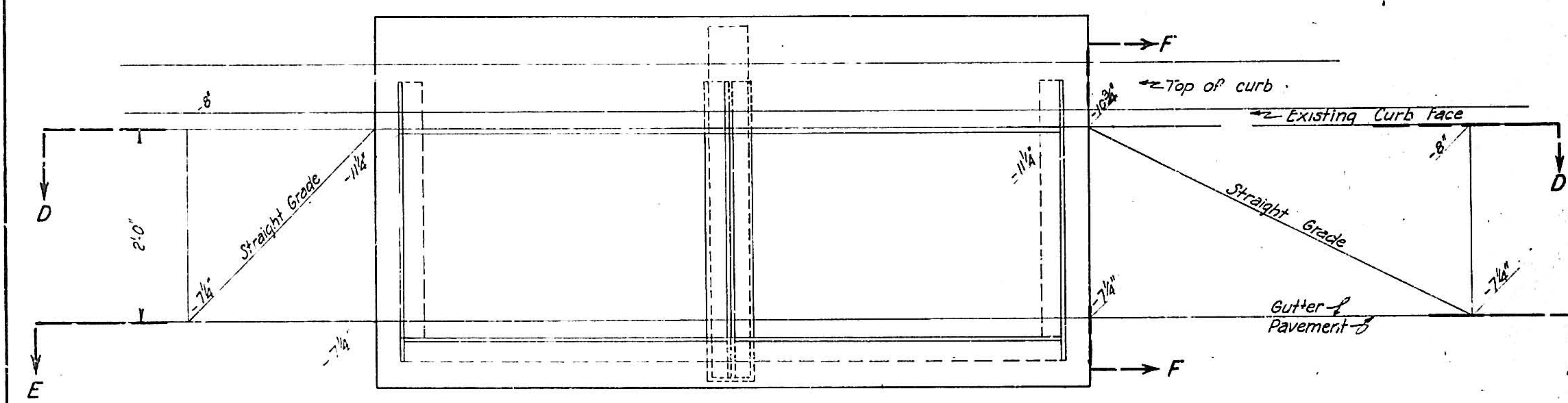
REINFORCING			STEEL			
BAR	NO.	SIZE	LENGTH	SPACING	TOTAL LENGTH	WEIGHT
A	2	1/2"	12'-0"	12"	72'	48.0
A	2	10	22'-0"	"	220'	148.0
A	2	2	19'-0"	"	190'	12.8
A	2	18	8'-0"	"	72'	46.0
A	2	1	31'-0"	"	310'	2.3
A	2	3	2'-0"	"	30'	2.0
A	2	1	11'-0"	"	99'	66.0
A	2	3	11'-0"	"	99'	76.8
A	2	3	22'-0"	"	220'	64.0
A	2	5	18'-0"	"	180'	55.6
A	2	5	11'	"	99'	76.8
A	2	5	18'	12"	144'	90.0
A	2	5	5'-0"	"	50'	31.7
A	2	5	5'-0"	"	50'	7.9
A	2	5	8'-0"	"	72'	11.6
C	2	10	3'	24"	30'	2.0
C	2	1	18'	"	180'	30.0
C	2	17	10'	"	170'	113.4
C	2	2	6'-0"	"	60'	4.7
C	2	6	10'	"	100'	136.0
C	2	5	4'-0"	"	40'	26.0
C	2	2	5'-0"	"	50'	10.0
C	2	2	5'-0"	"	50'	36.4
C	2	4	10'	"	100'	600.4
C	2	6	6'-0"	"	60'	9.4
C	2	6	6'-0"	"	60'	40.2
C	2	6	4'-0"	"	40'	27.1
C	2	10	3'-0"	"	30'	5.2
C	2	6	5'-0"	"	50'	6.4
C	2	10	3'-0"	"	30'	11.7
C	2	10	3'-0"	24"	28.8'	141.2
C	2	8	3'-0"	"	30'	136.2
C	2	10	3'-0"	"	30'	138.2
C	2	10	3'-0"	"	30'	29.1
C	2	10	3'-0"	"	30'	117.3
C	2	4	12'-0"	"	120'	280.0
C	2	12	15'-0"	"	150'	18.5
C	2	6	11'-0"	"	110'	83.1
C	2	8	4'-0"	"	40'	41.7
C	2	10	4'-0"	"	40'	13.5
C	2	2	12'-0"	5'	72'	385.4
C	2	25	18'-0"	"	270'	391.1
C	2	25	3'-0"	"	30'	262.1
C	2	36	11'	"	396'	415.0
C	2	13	16'-0"	8'	168'	112.2
C	2	12	4'-0"	"	48'	112.2
C	2	12	3'-0"	"	36'	48.5
C	2	12	18'-0"	"	180'	12.2
C	2	12	18'-0"	"	180'	48.5
C	2	12	18'-0"	4'	216'	48.5
TOTAL=						6,533.2
Ck Yds Conc =						44.49
" " Grout =						0.81



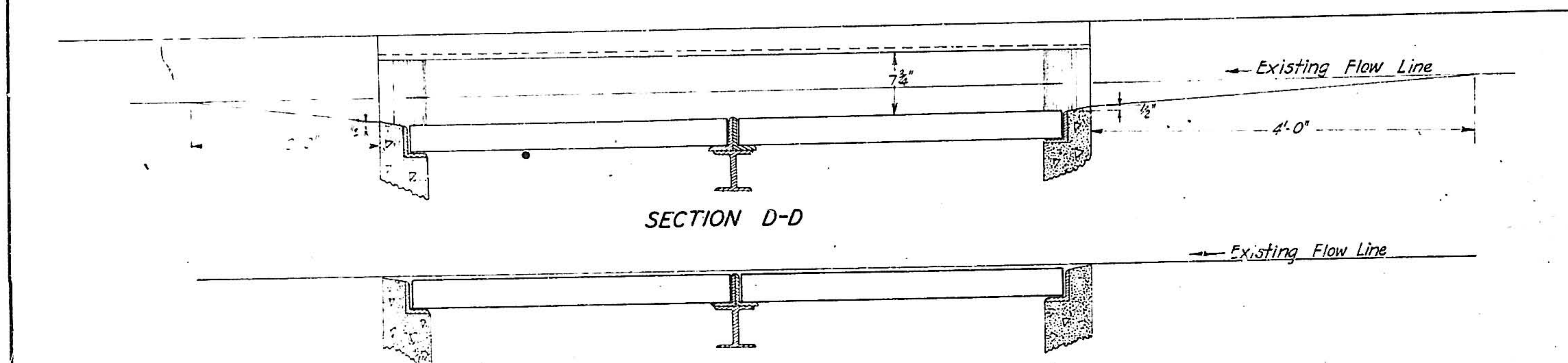
PLAN
STANDARD CATCH BASIN TYPE-D
Scale 1"=1'



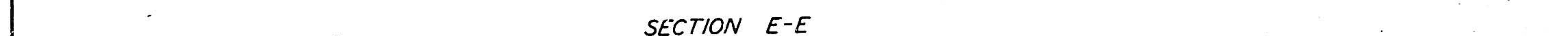
SECTION A-A



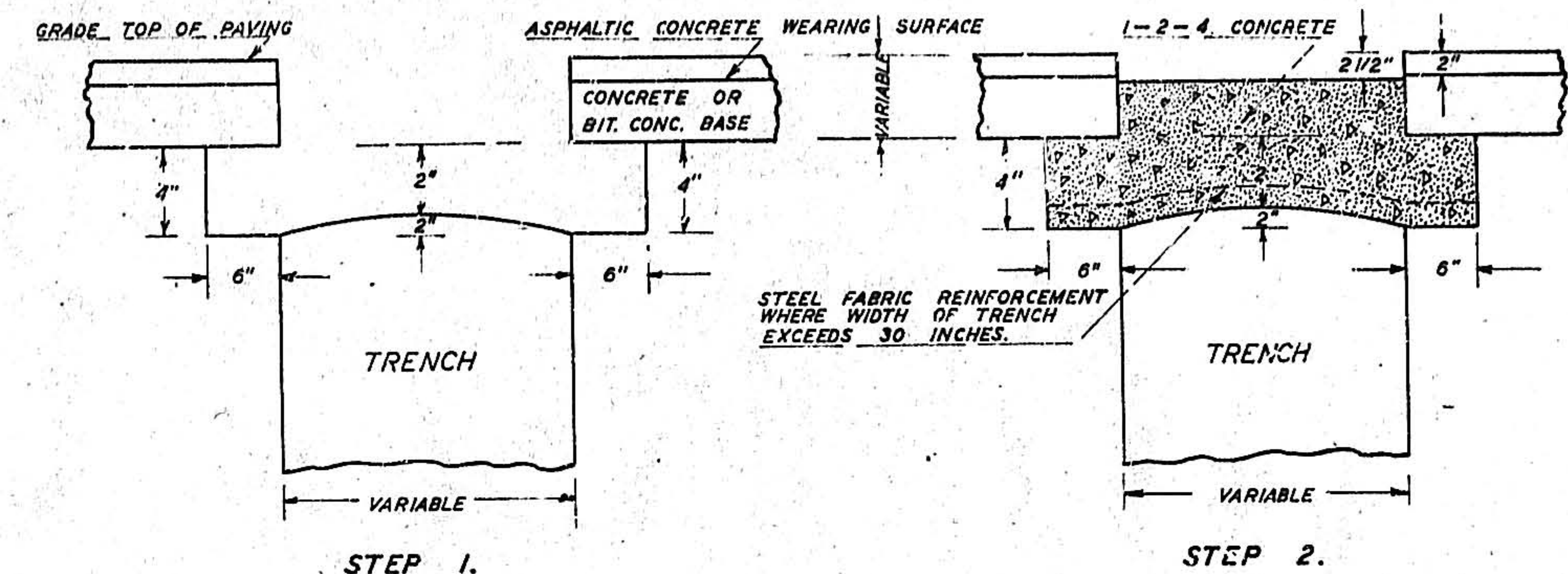
PLAN
STANDARD LOCAL DEPRESSIONS FOR CATCH BASINS
TYPES A, B AND C



SECTION D-D

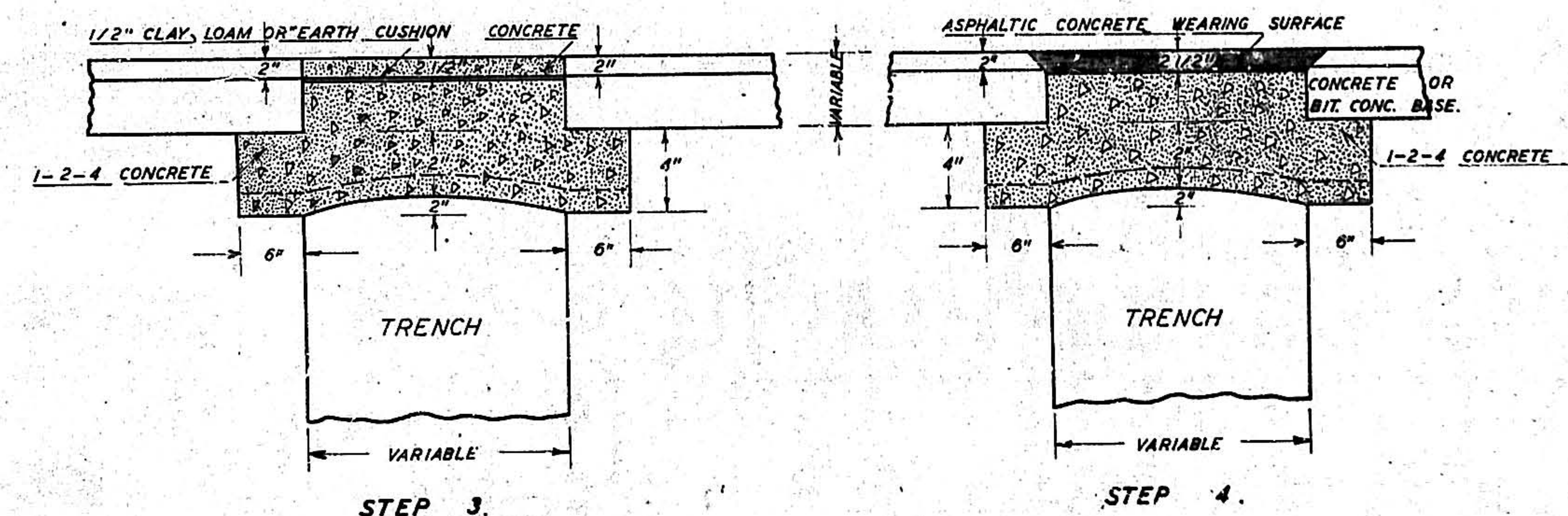


SECTION E-E



- (A). BACKFILL AND HAND-TAMP THE OPEN TRENCH IN SUCCESSIVE LAYERS OF NOT MORE THAN NINE INCHES IN THICKNESS.
(B). SQUARE UP EXPOSED EDGES OF PAVING IN A NEAT MANNER.
(C). EXCAVATE DIRECTLY UNDER EDGE OF PAVING A TRENCH 6" WIDE AND 4" DEEP AS SHOWN ABOVE.
(D). ARCH BACKFILL IN CENTER OF TRENCH MAKING THE CROWN AT CENTER 2" BELOW BOTTOM EDGE OF PAVING.
(E). DEPTH OF PATCH WILL VARY ACCORDING TO TYPE OF PAVING TO BE REPAIRED.

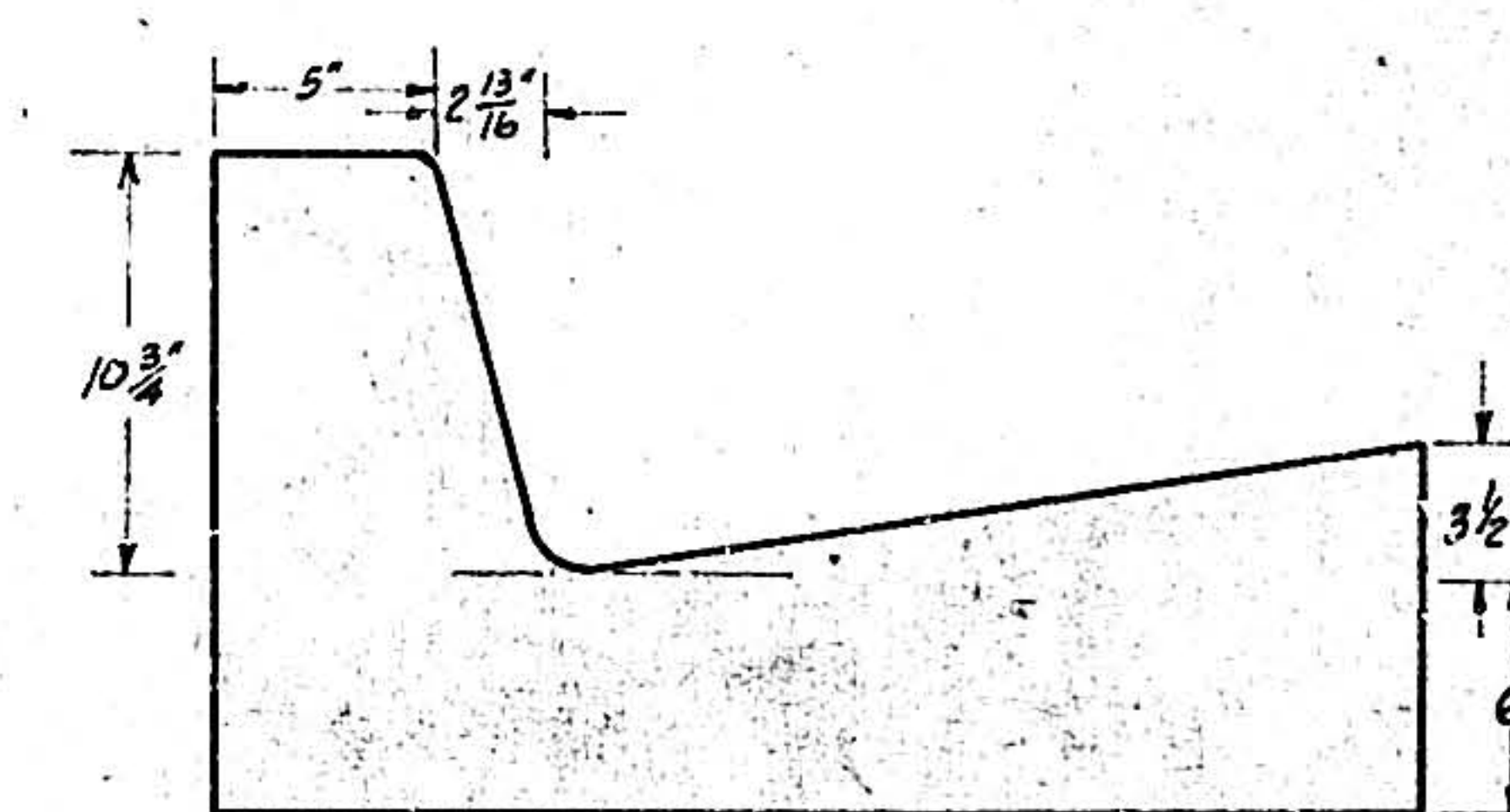
- (A). WASH OFF THE EXPOSED PAVING EDGES AND WET THE SUBGRADE LIGHTLY.
(B). FILL WITH A 1-2-4 MIX CONCRETE TO WITHIN 2" OF GRADE OR TOP OF PAVING TAMP THE CONCRETE THOROUGHLY ESPECIAL CARE BEING TAKEN TO COMPLETELY FILL AND TAMP THE CONCRETE INTO THE TRENCH UNDER EDGE OF PAVING.
(C). WHERE THE WIDTH OF TRENCH EXCEEDS 30 INCHES PLACE ONE LAYER OF STEEL FABRIC REINFORCEMENT WEIGHING NOT LESS THAN 35 POUNDS PER 100 SQ. FT., 2" ABOVE THE BOTTOM OF THE CONCRETE.
(D). STRIKE THE SURFACE OF THE CONCRETE OFF ROUGHLY WITH A SHOVEL BUT DO NOT FINISH SMOOTH.



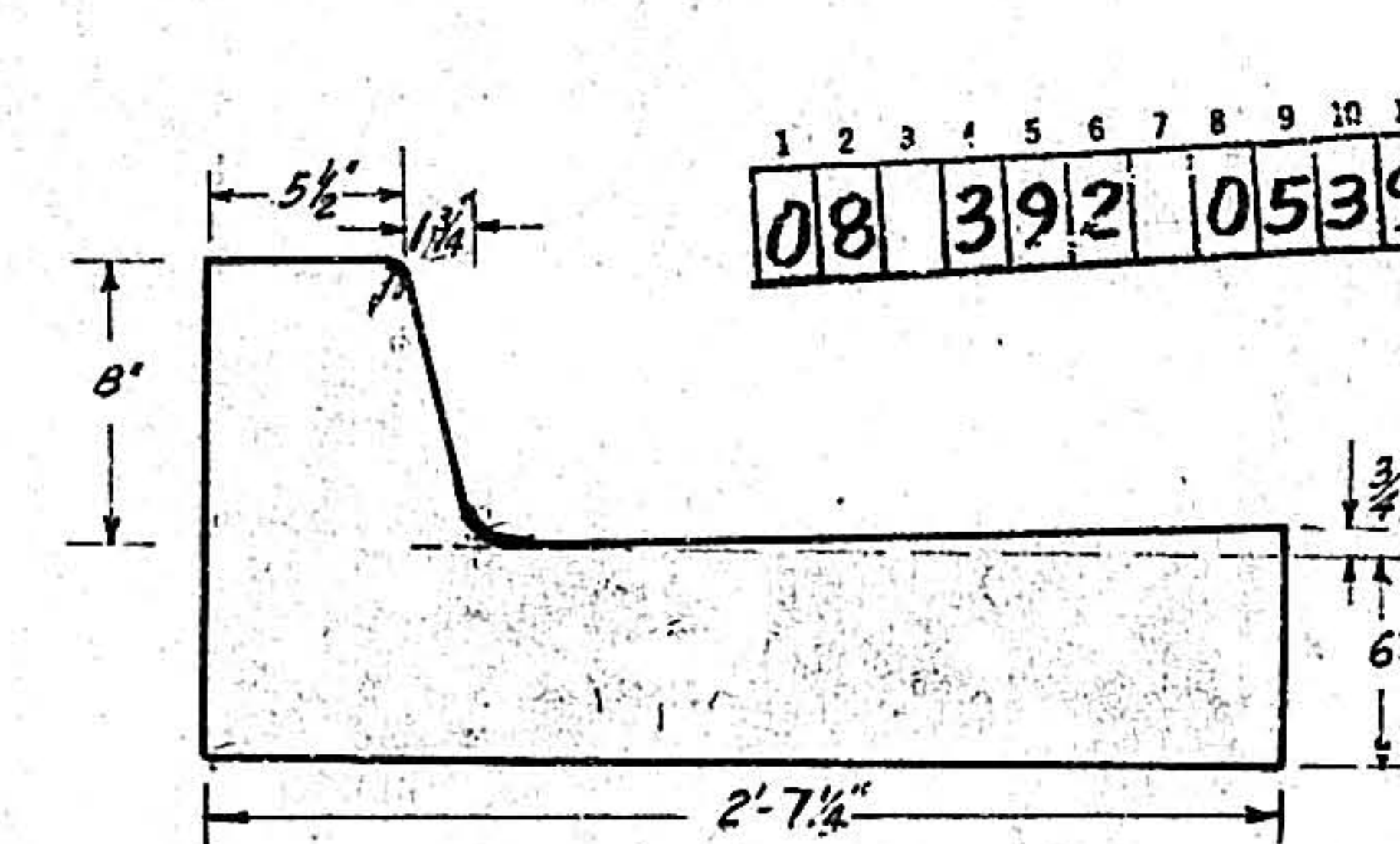
- (A). AFTER THE CONCRETE PLACED IN STEP 2 HAS TAKEN ITS INITIAL SET PLACE A 1/2" LAYER OF CLAY, LOAM OR ORDINARY EARTH (NOT SAND) OVER THE SURFACE OF THE CONCRETE.
(B). FILL REMAINDER OF CUT WITH 1-2-4 MIX CONCRETE TO TOP OF PAVING AND FINISH WITH WOODEN FLOAT.
(C). BARRICADE AGAINST TRAFFIC FOR AT LEAST 24 HOURS AFTER PLACING TOP COURSE. AT NIGHT PLACE LANTERNS OR TORCHES BY THE BARRICADES.

- (A). BREAK AND CHIP OUT THE 2" TOP COURSE OF CONCRETE AND 1/2" LAYER OF DIRT.
(B). CUT BACK THE EDGE OF PRESENT ASPHALTIC CONCRETE SURFACE ON AN ANGLE OF 45° WITH VERTICAL OR 1 TO 1 SLOPE.
(C). CLEAN OUT, CUT AND SWEEP CLEAN WITH HEAVY BROOM.
(D). HAUL AWAY AND DISPOSE OF ALL WASTE MATERIALS.
(E). REPAIR CUT WITH ASPHALTIC CONCRETE WEARING SURFACE IN ACCORDANCE WITH CITY PAVING SPECIFICATIONS. THE SURFACE FINISH TO BE THE SAME TYPE AS THAT OF PAVING SURROUNDING THE PATCH.
(F). THE STREET IN VICINITY OF PATCH SHALL BE THOROUGHLY CLEANED UP BEFORE BEING OPENED TO TRAFFIC.

NOTE: TO REPAIR CUTS IN PLAIN CONCRETE, ALLEY PAVING, PREPARE THE OPENING AS IN STEP 1. FILL WITH 1-2-4 MIX CONCRETE AND FINISH FLUSH WITH TOP OF PAVING.



SECTION F-F



STANDARD SECTION
CURB AND GUTTER

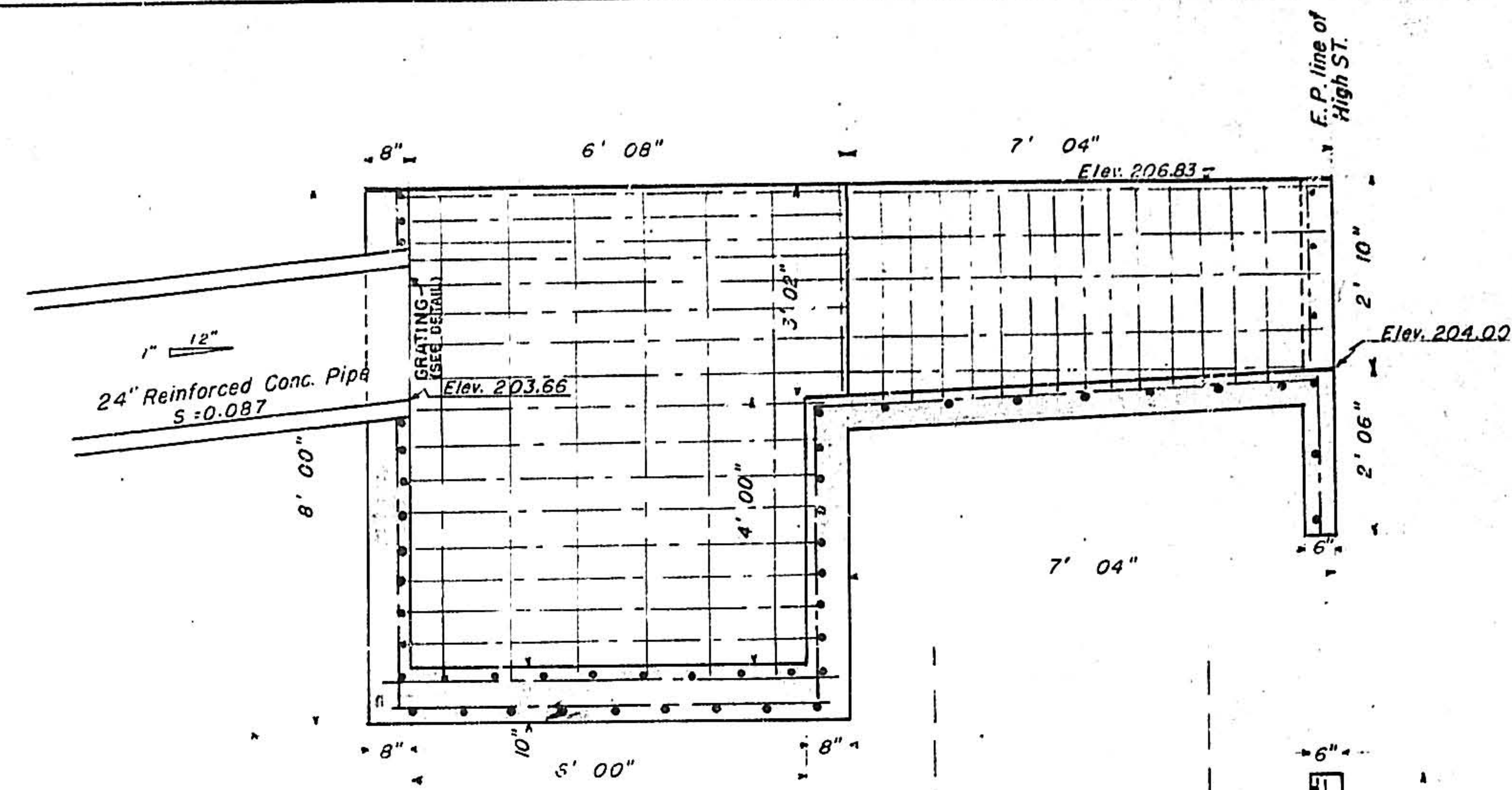
STATE OF NEW MEXICO
CITY OF ALBUQUERQUE
HIGHLAND STORM SEWERS

STANDARD METHOD OF
REPAIRING CUTS IN PAVEMENTS
Also
STANDARD LOCAL DEPRESSIONS
FOR CATCH BASINS

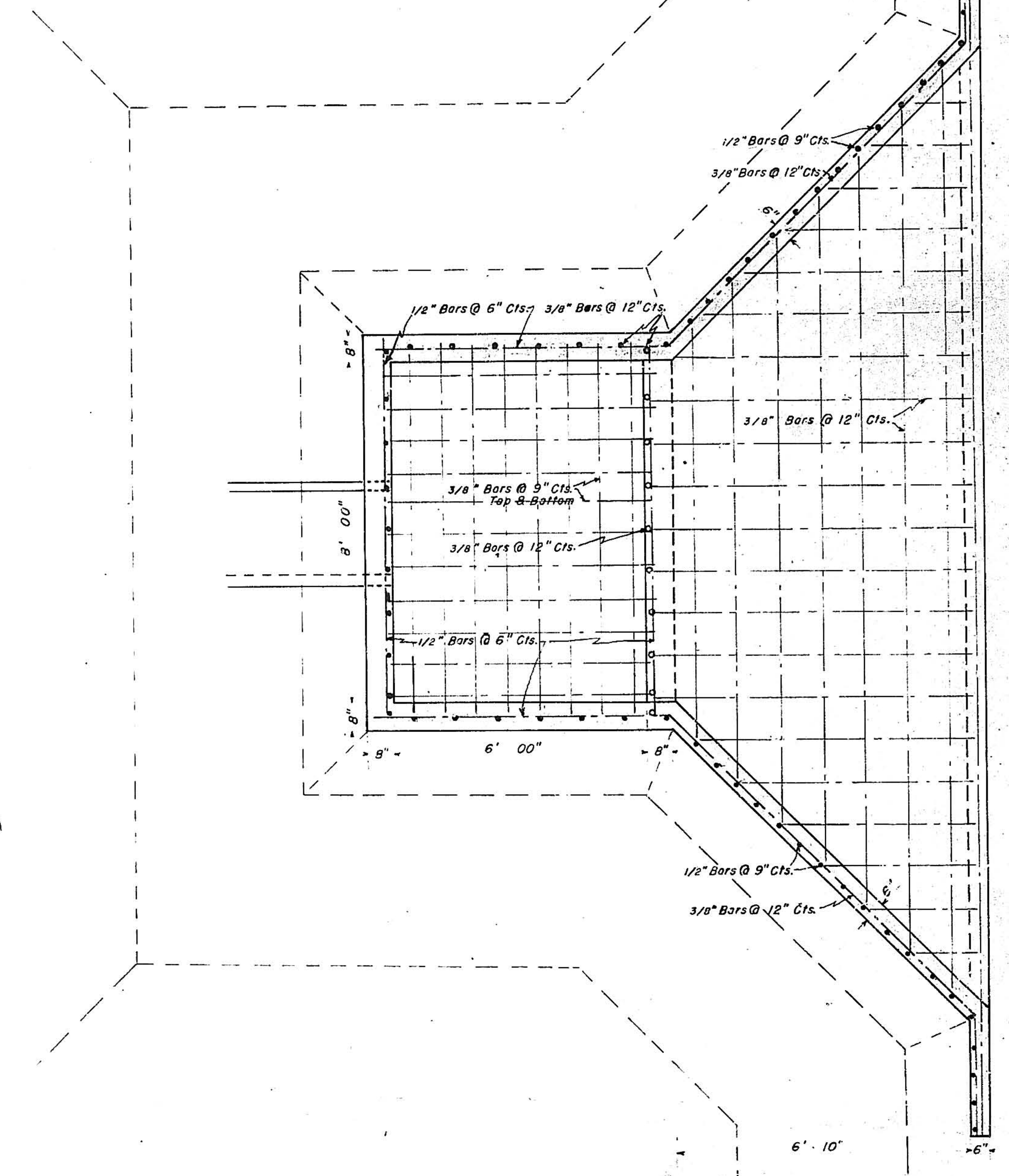
DRAWN R.S.H. RECOMMENDED R.P.S.
TRACED R.P.S. APPROVED R.P.S.
CHECKED R.P.S. ALBUQUERQUE, NEW MEXICO
OCTOBER 23, 1933



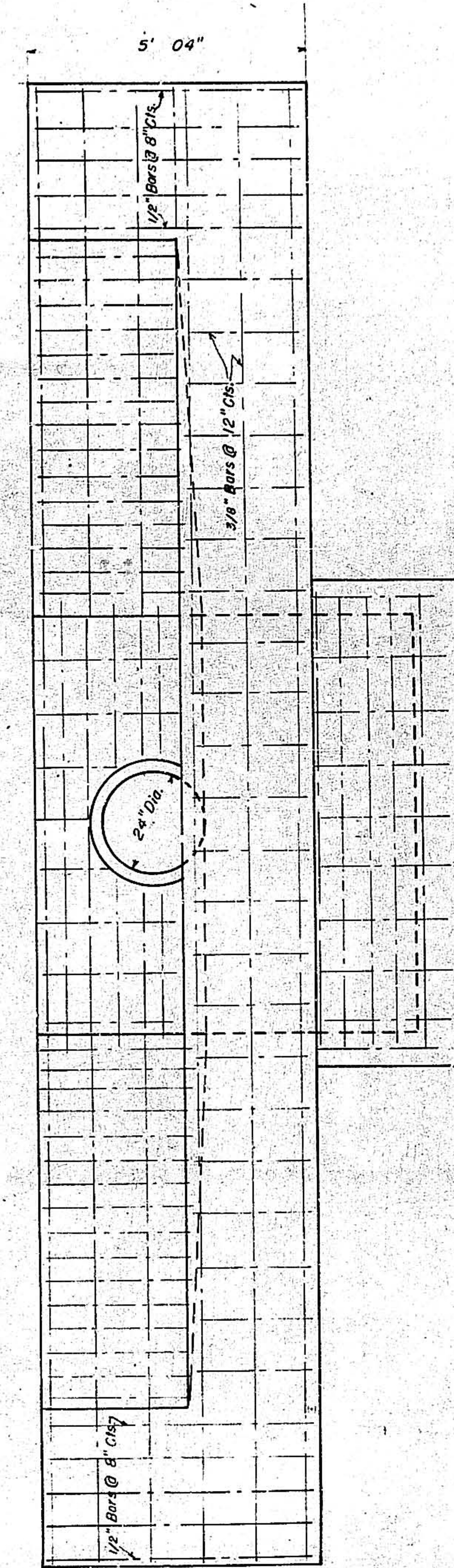
SHEET NO. 5



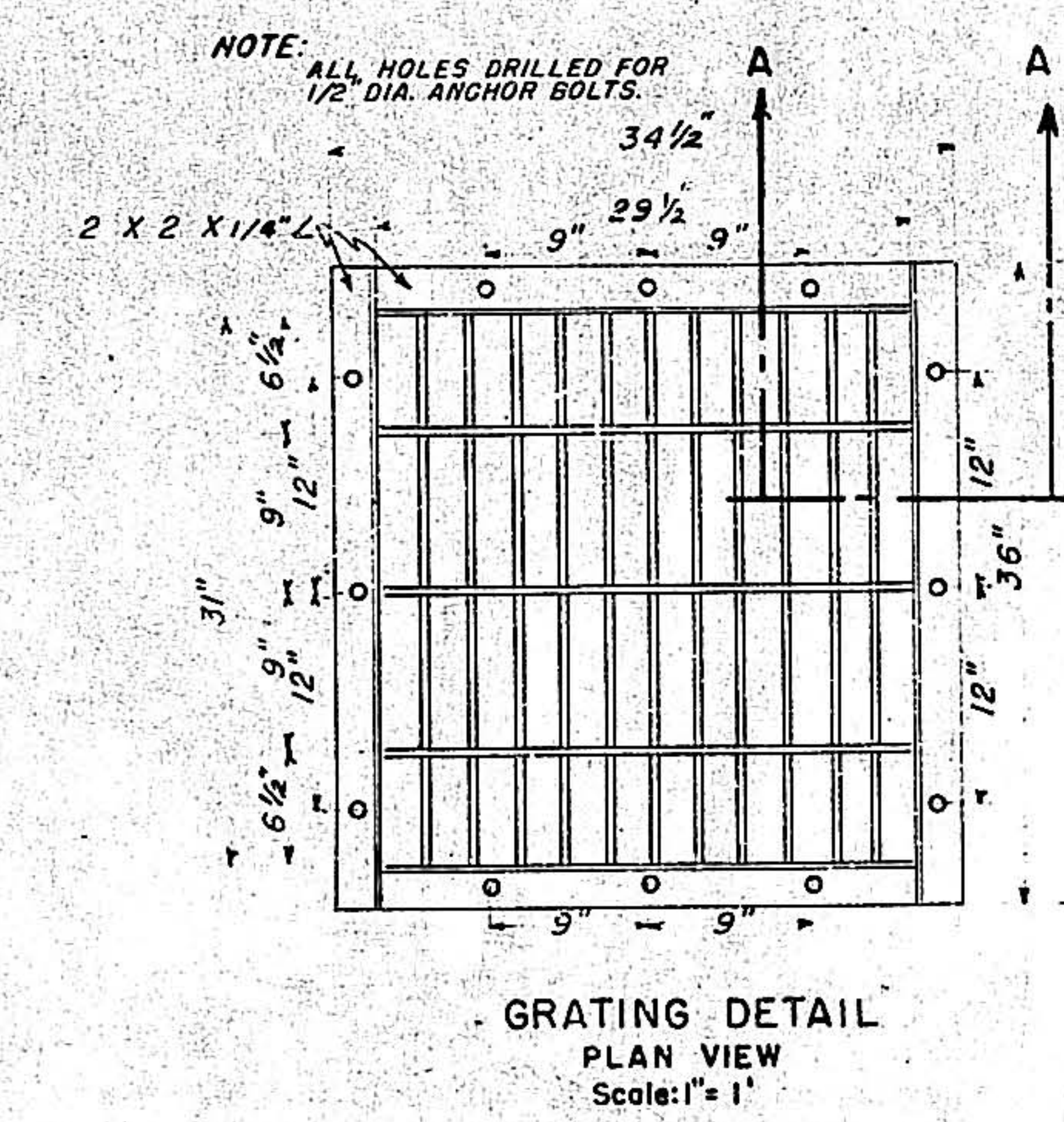
SECTION "A-A"
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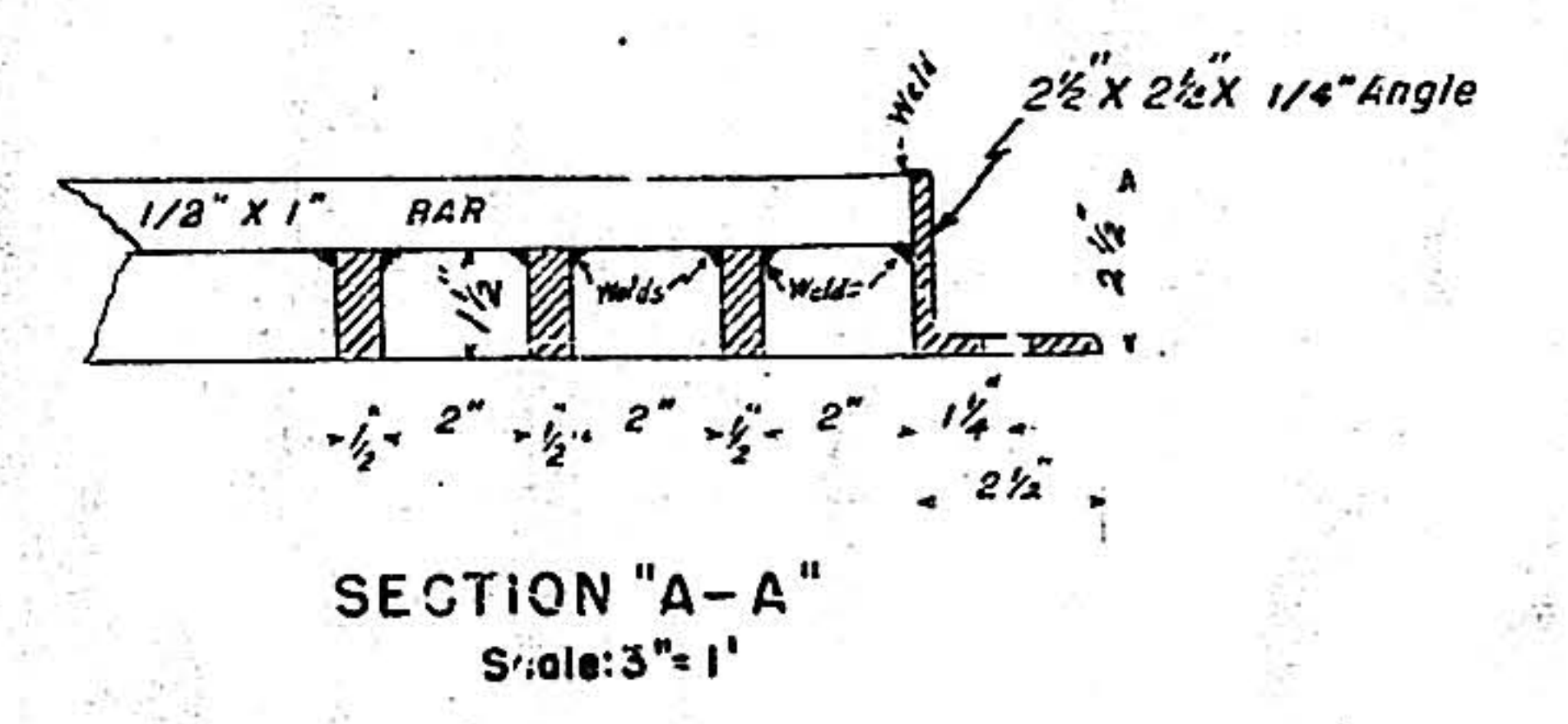
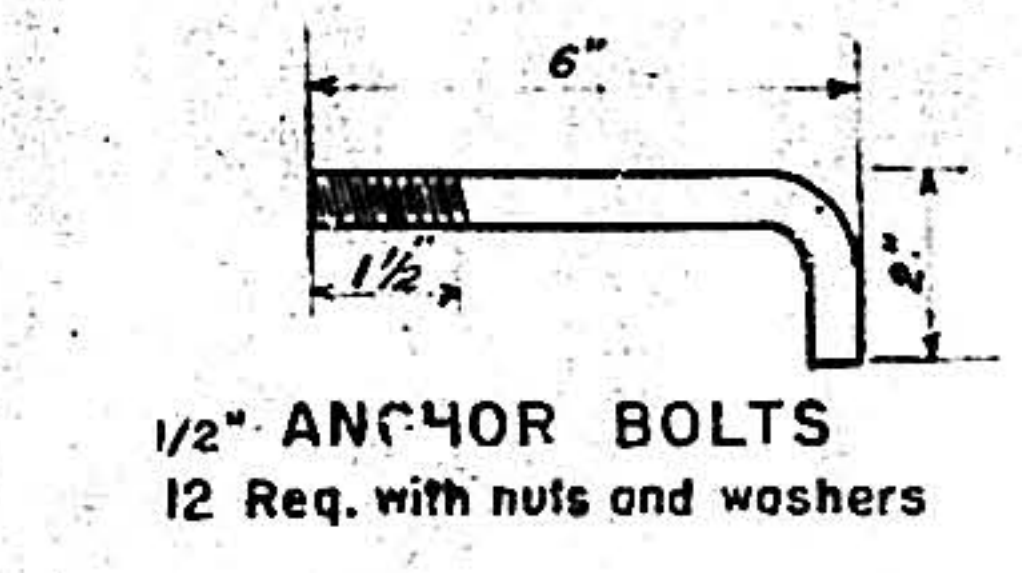
PLAN VIEW
Scale: 1/2 inch = 1 foot



EAST ELEVATION
Scale: 1/2 inch = 1 foot



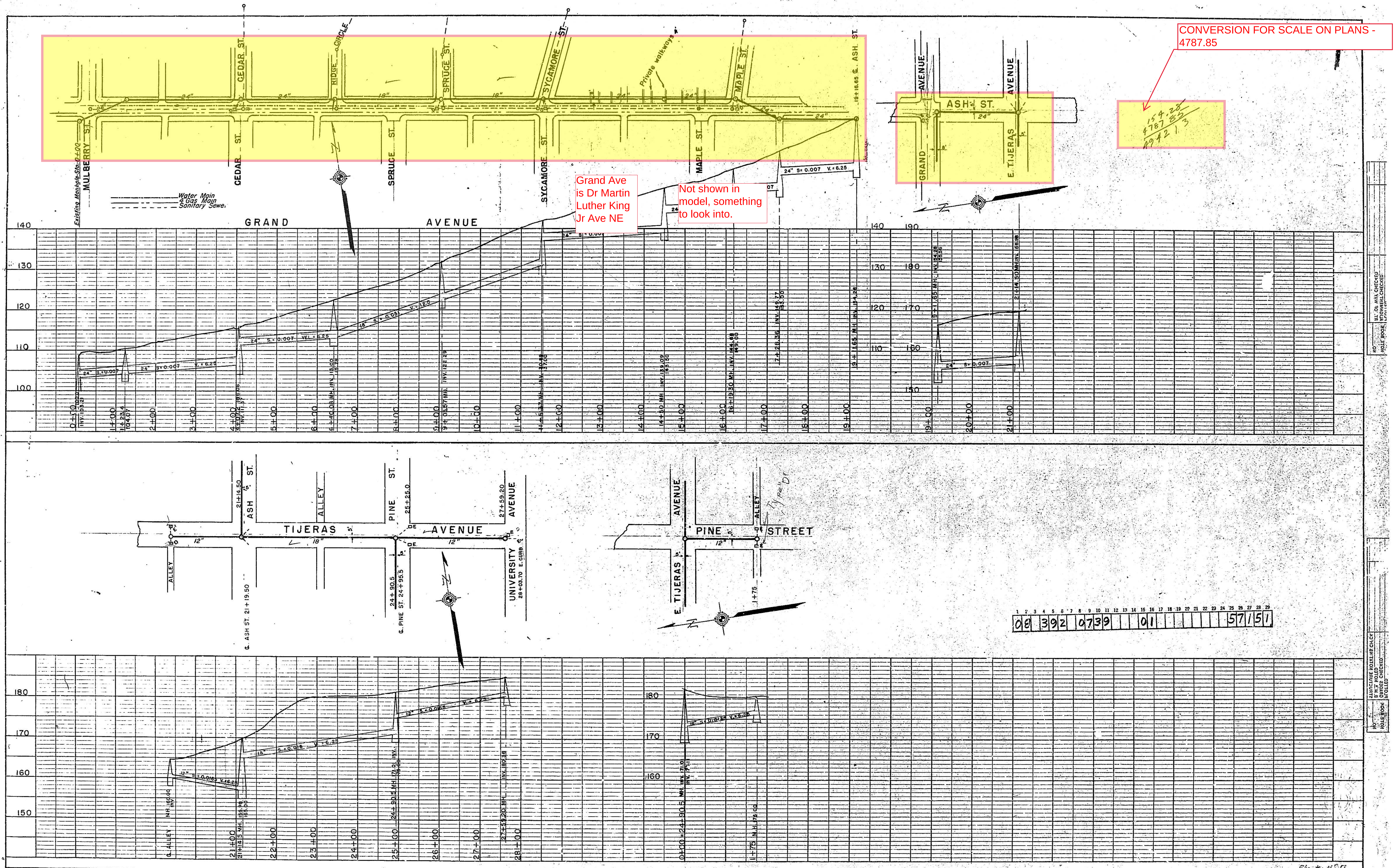
GRATING DETAIL
PLAN VIEW
Scale: 1" = 1'



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STATE OF NEW MEXICO
CITY OF ALBUQUERQUE
ENGINEERING DEPARTMENT
THIRD EXTENSION
HIGHLAND STORM SEWER
SLATE AVENUE INTAKE STRUCTURE

Drawn by: H.W. Rankin
Traced by: H.W. Rankin
JUNE 1947
Approved by: _____
Sheet No. 6 of 9



CONVERSION FOR SCALE ON PLANS -
4787.85

Grand Ave
is Dr Martin
Luther King
Jr Ave NE

Not shown in model, something to look into.

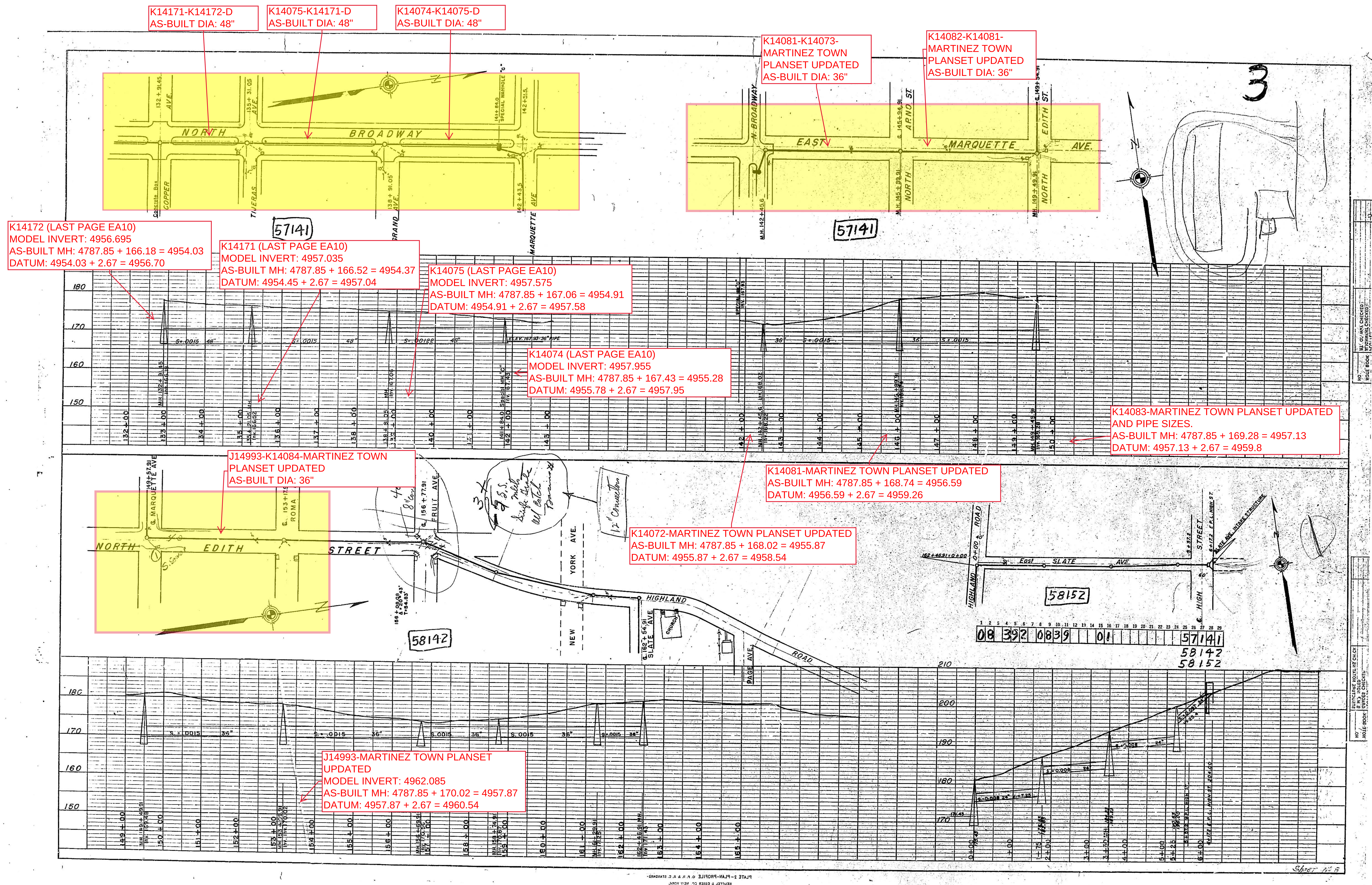
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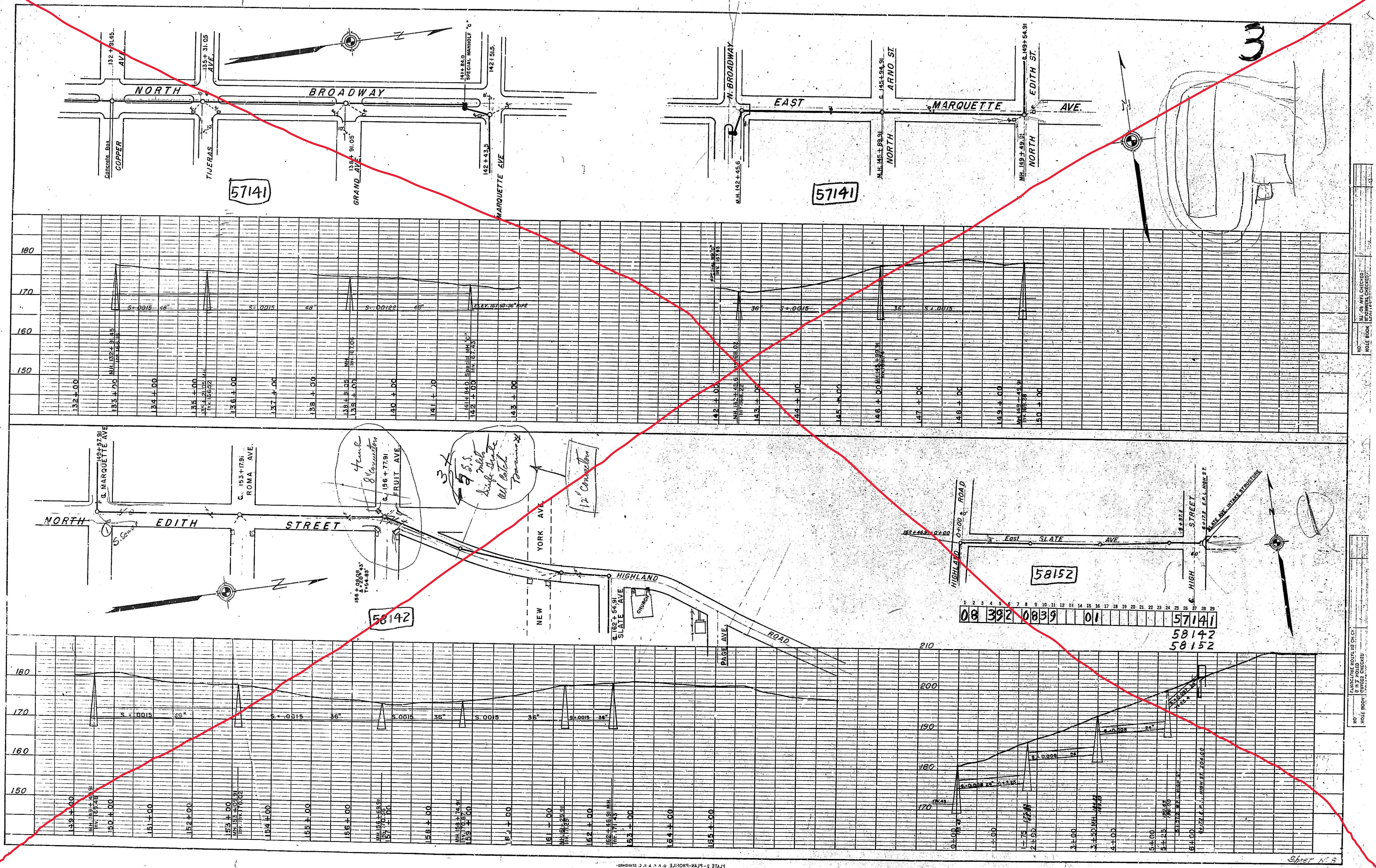
$$\begin{array}{r} 154.28 \\ 4787 \overline{) 85} \\ \underline{4942} 3 \end{array}$$

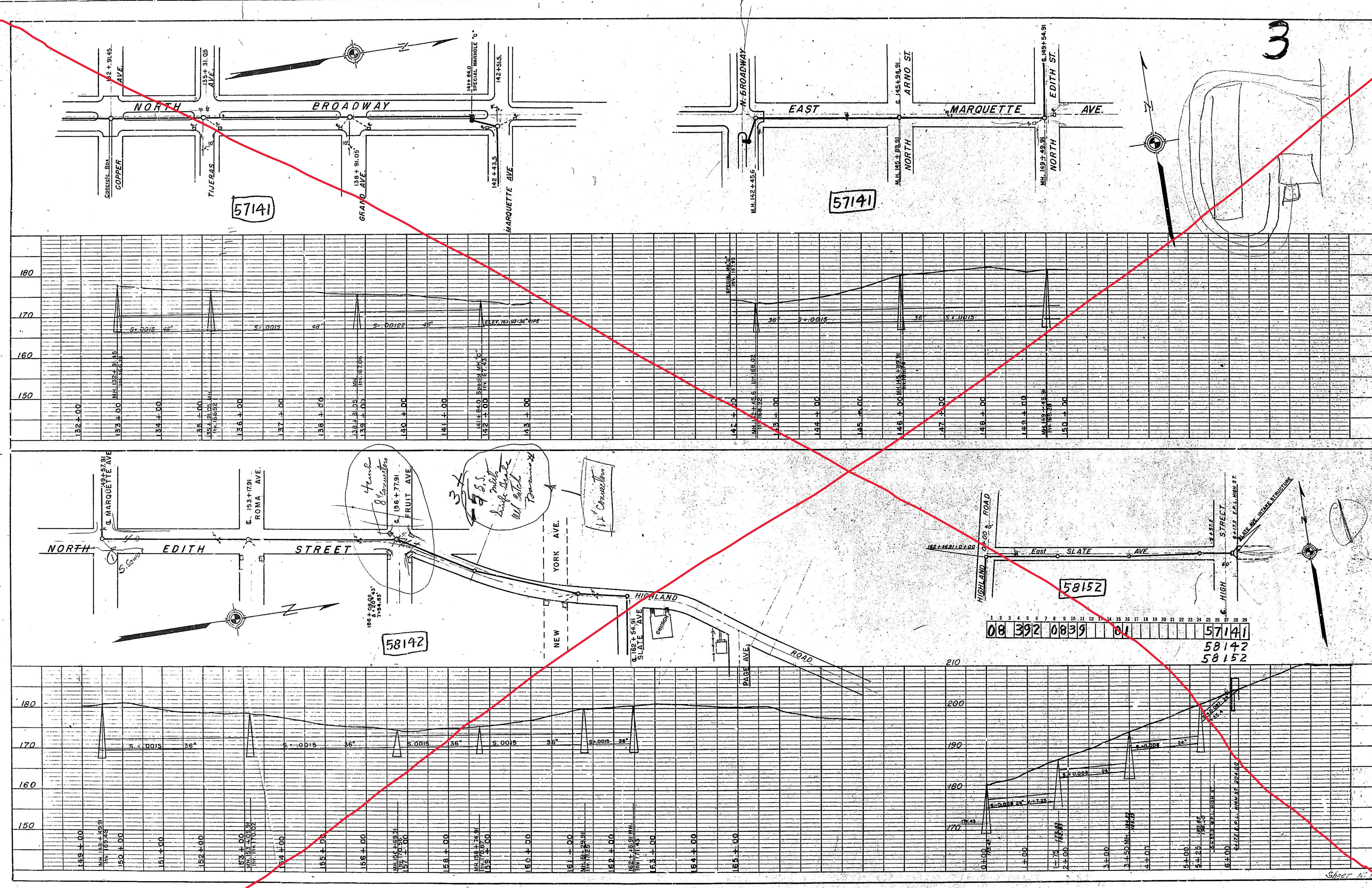
NO	BY: OF: MVA CHECKED	
HOLE BOOK	UP/IN/RE/CHECKED:	
	LOCATION	

NO	STRUCTURE INVOLVED CHECK	
	B W 3 MOLED	
MOLE HOOK	GRADE CHECKED	
	BOTTLED	

Sheet N57







3

57141

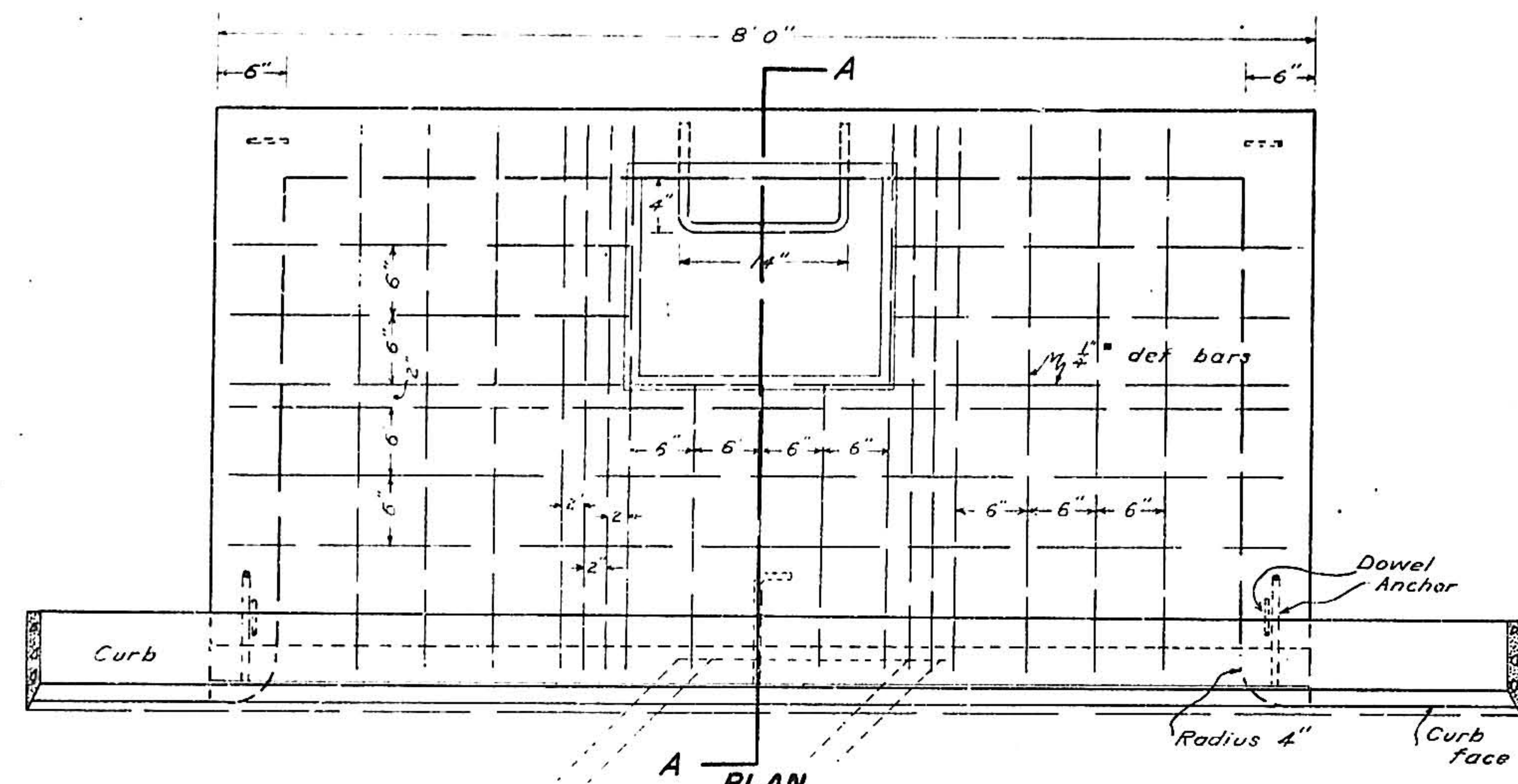
57141

58142

58152

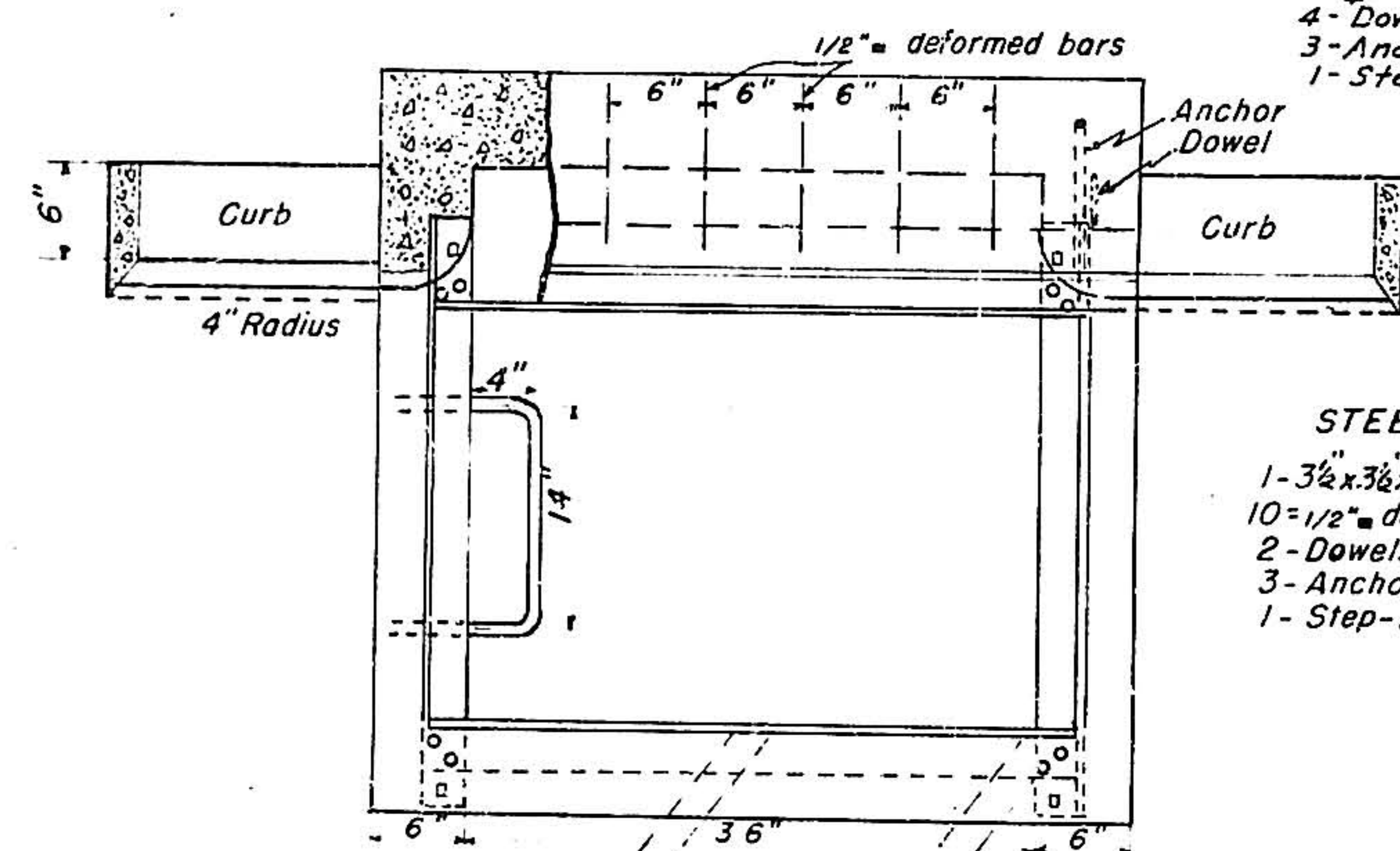
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NO. 1
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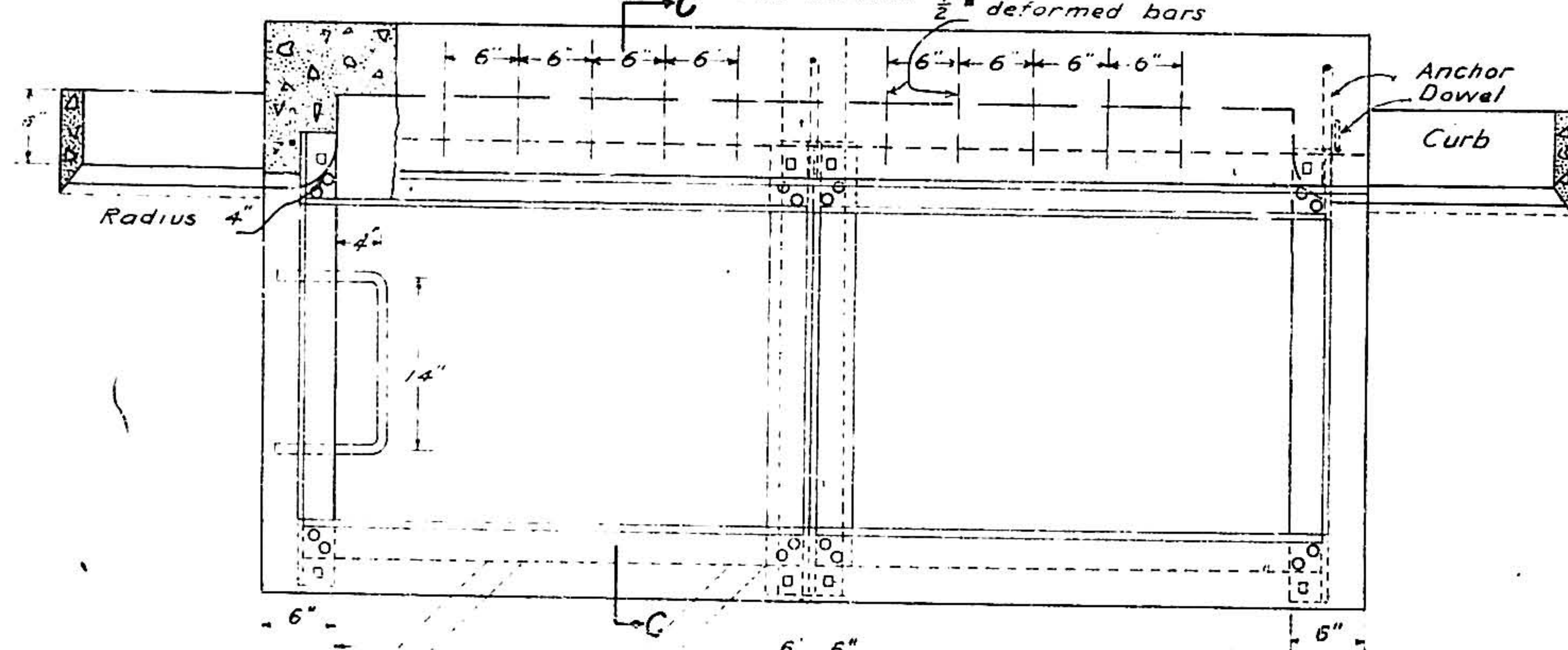
PLAN
STANDARD CATCH BASIN - TYPE B. STEEL LIST
SCALE: 1 INCH = 1 FOOT

- 1- 3 1/2" x 3 1/2" x 1/2" x 8'-0" L
- 14- 1/2" def bars 3' 11" long
- 3- 1/2" " " 2'-0" "
- 6- 1/2" " " 7'-0" "
- 4- Dowels - see detail
- 3- Anchors " "
- 1- Step- 3/4" round- see plan



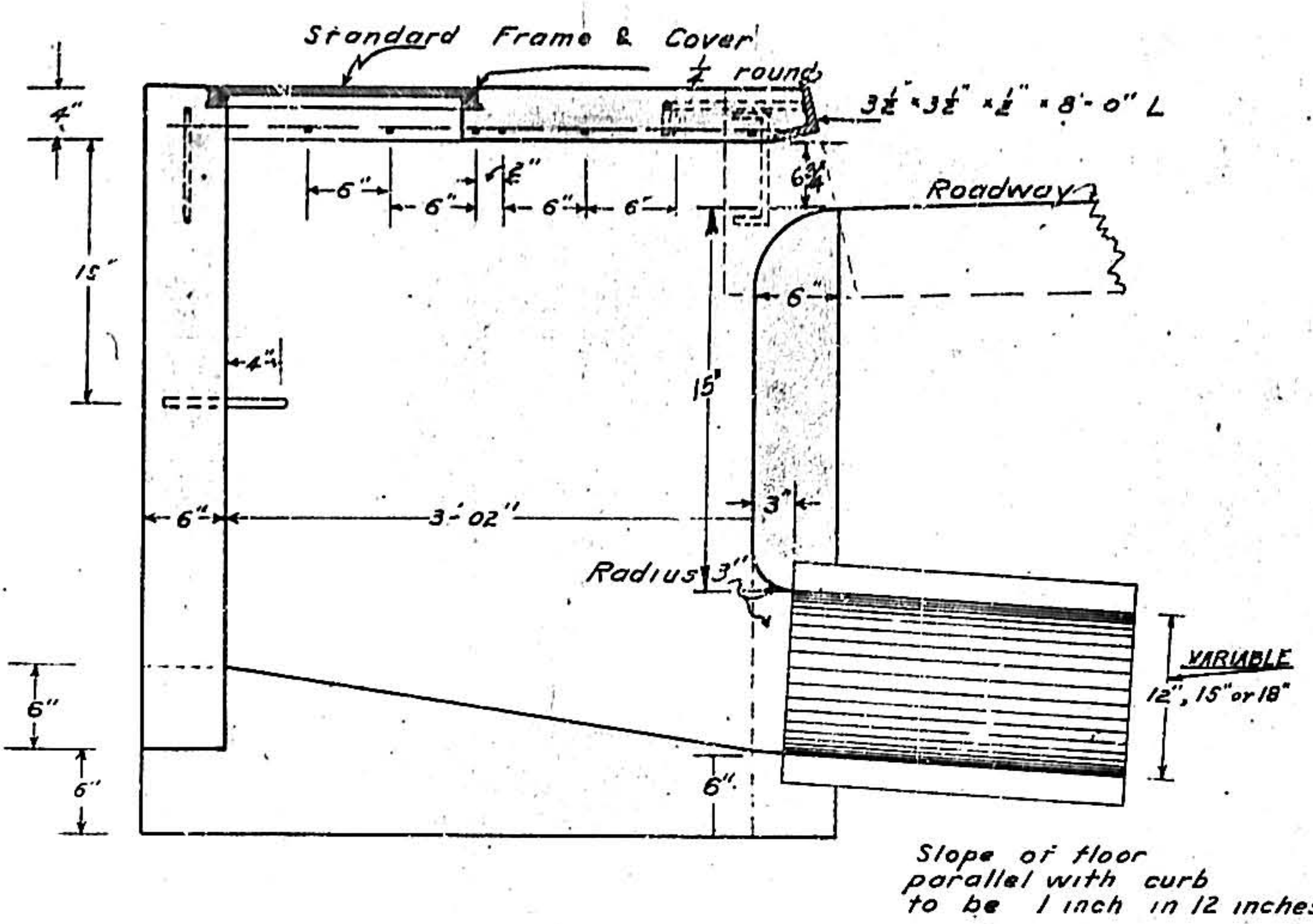
PLAN
STANDARD CATCH BASIN - TYPE E. SCALE: 1 INCH = 1 FOOT

- STEEL LIST
- 1- 3 1/2" x 3 1/2" x 1/2" x 4' 6" L
 - 10- 1/2" def bars 11" long
 - 2- Dowels - see detail
 - 3- Anchors " "
 - 1- Step- 3/4" round- see detail

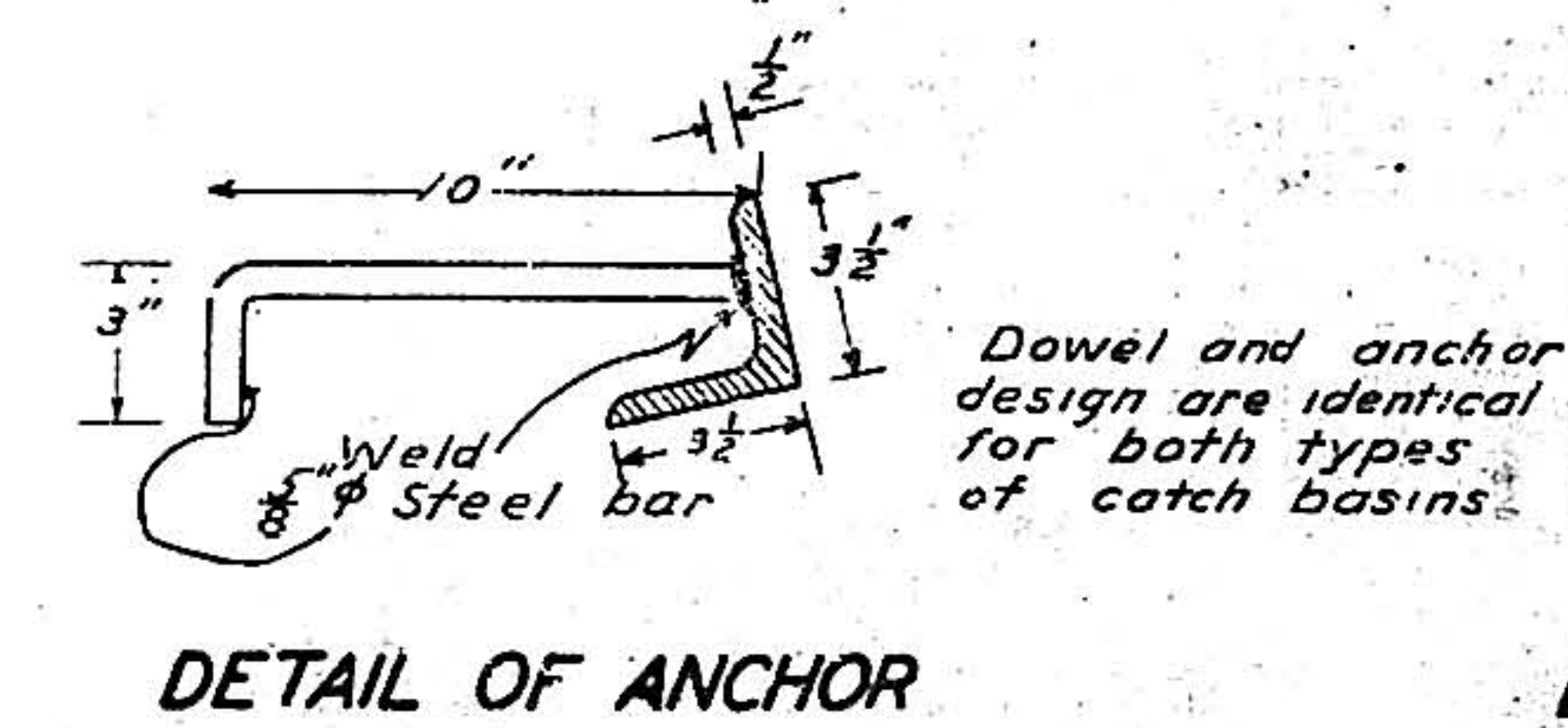


PLAN
STANDARD CATCH BASIN - TYPE C
Scale 1" = 12"

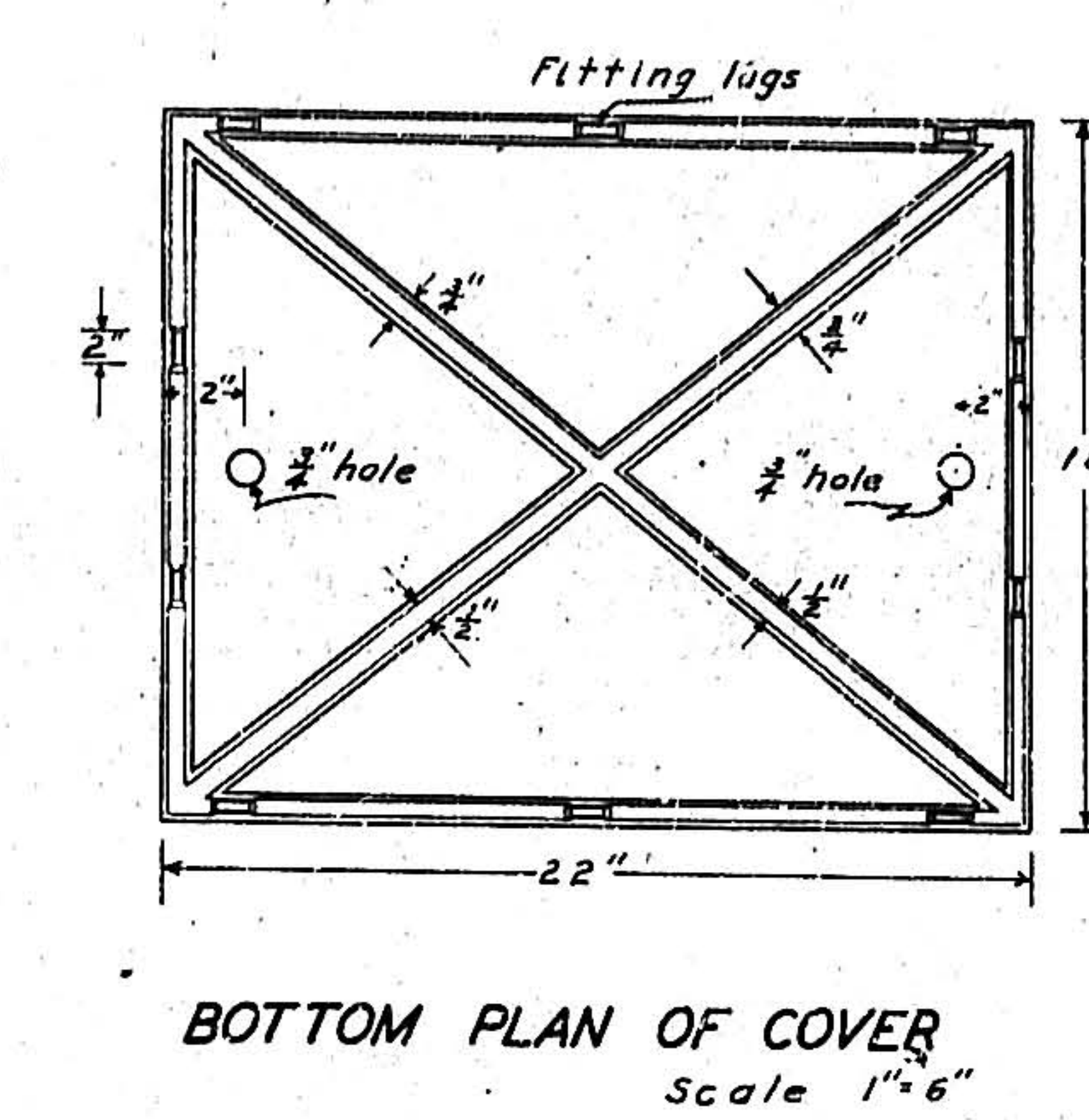
- STEEL LIST
- 1- 3 1/2" x 3 1/2" x 1/2" x 7' 6" L
 - 10- 1/2" def bars 11" long
 - 2- Dowels - see detail
 - 3- Anchors " "
 - 1- Step- 3/4" round- see plan



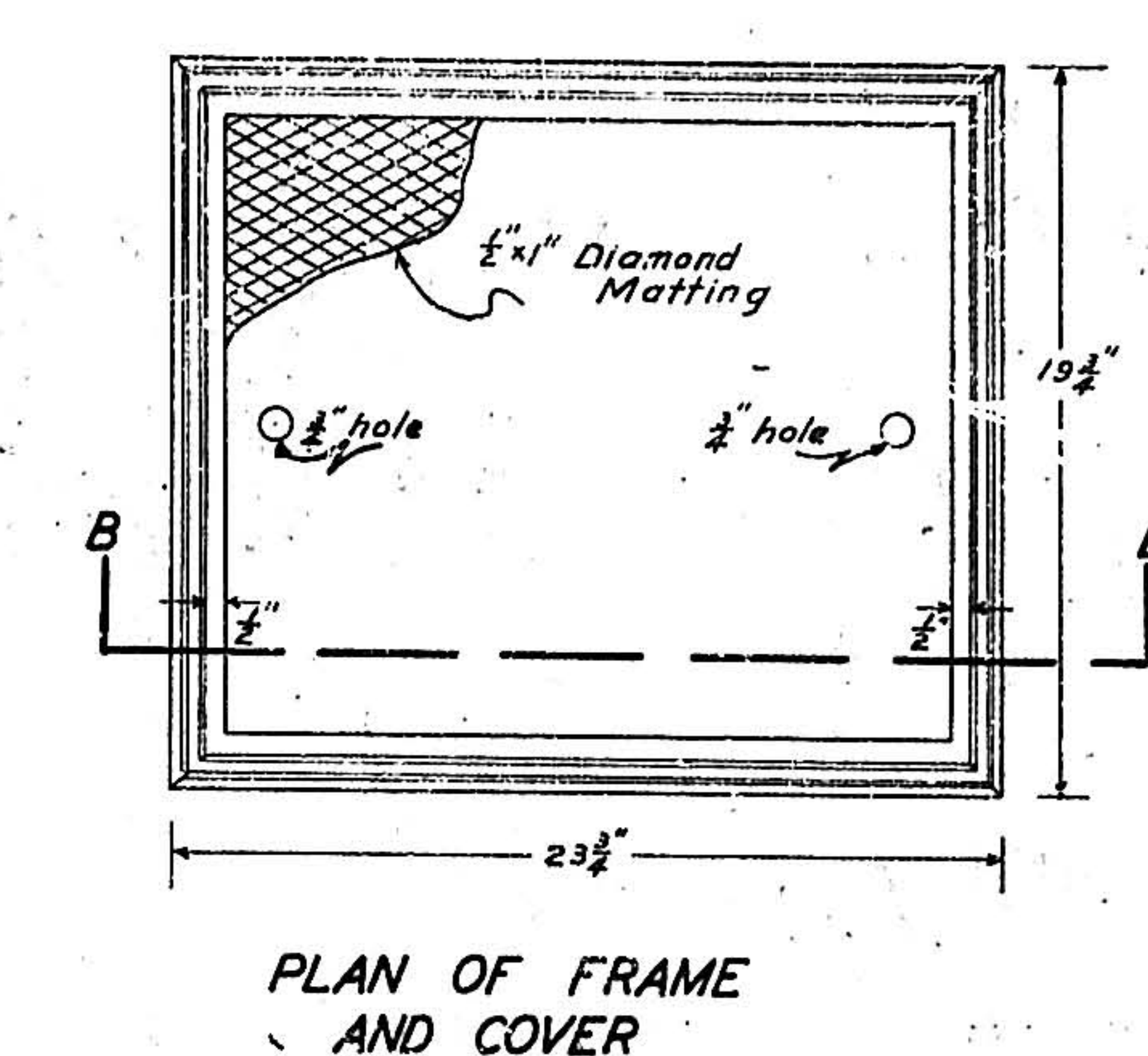
SECTION A-A



DETAIL OF DOWEL
To be used when top is poured separate



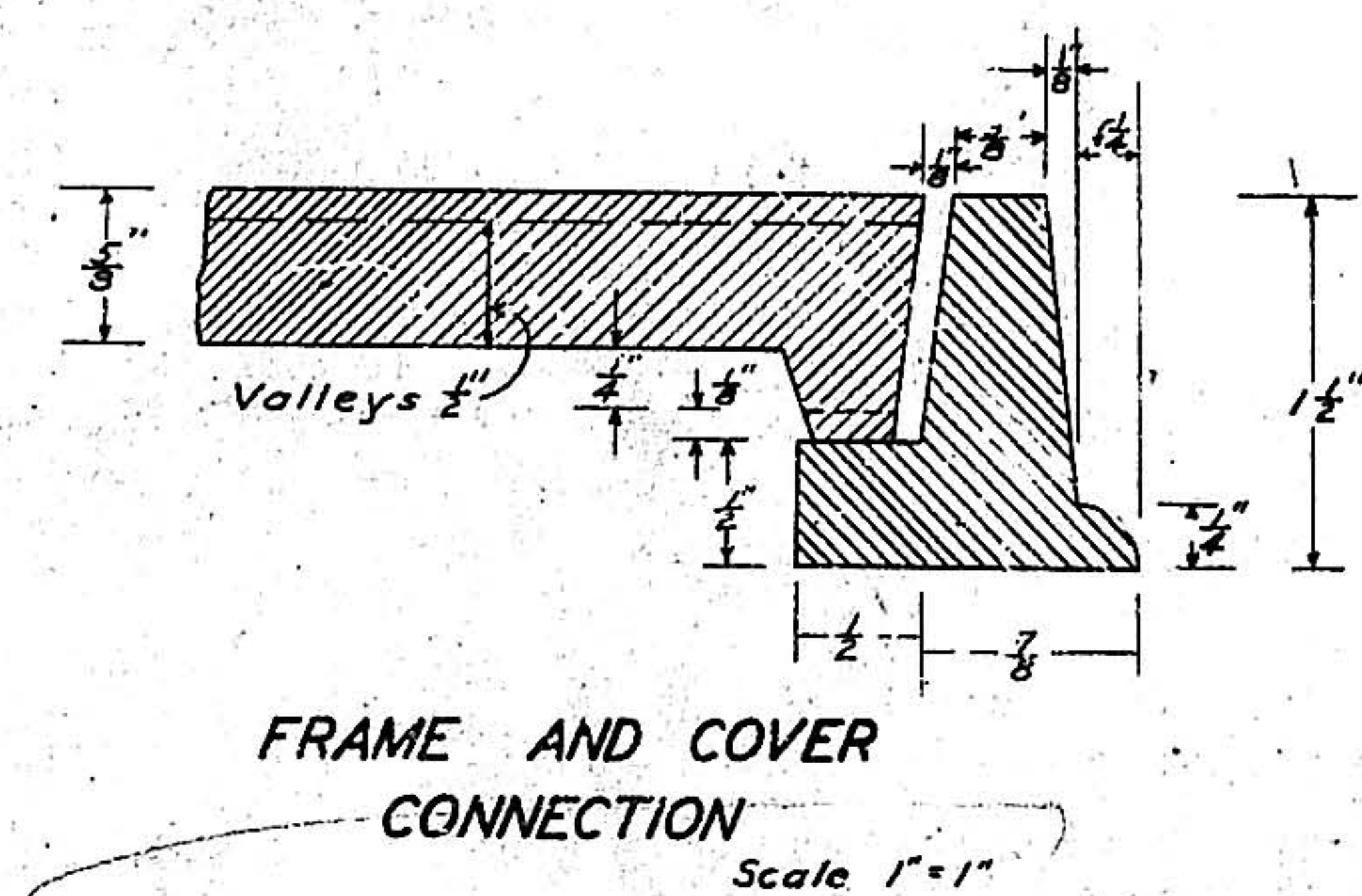
BOTTOM PLAN OF COVER
Scale 1" = 6"



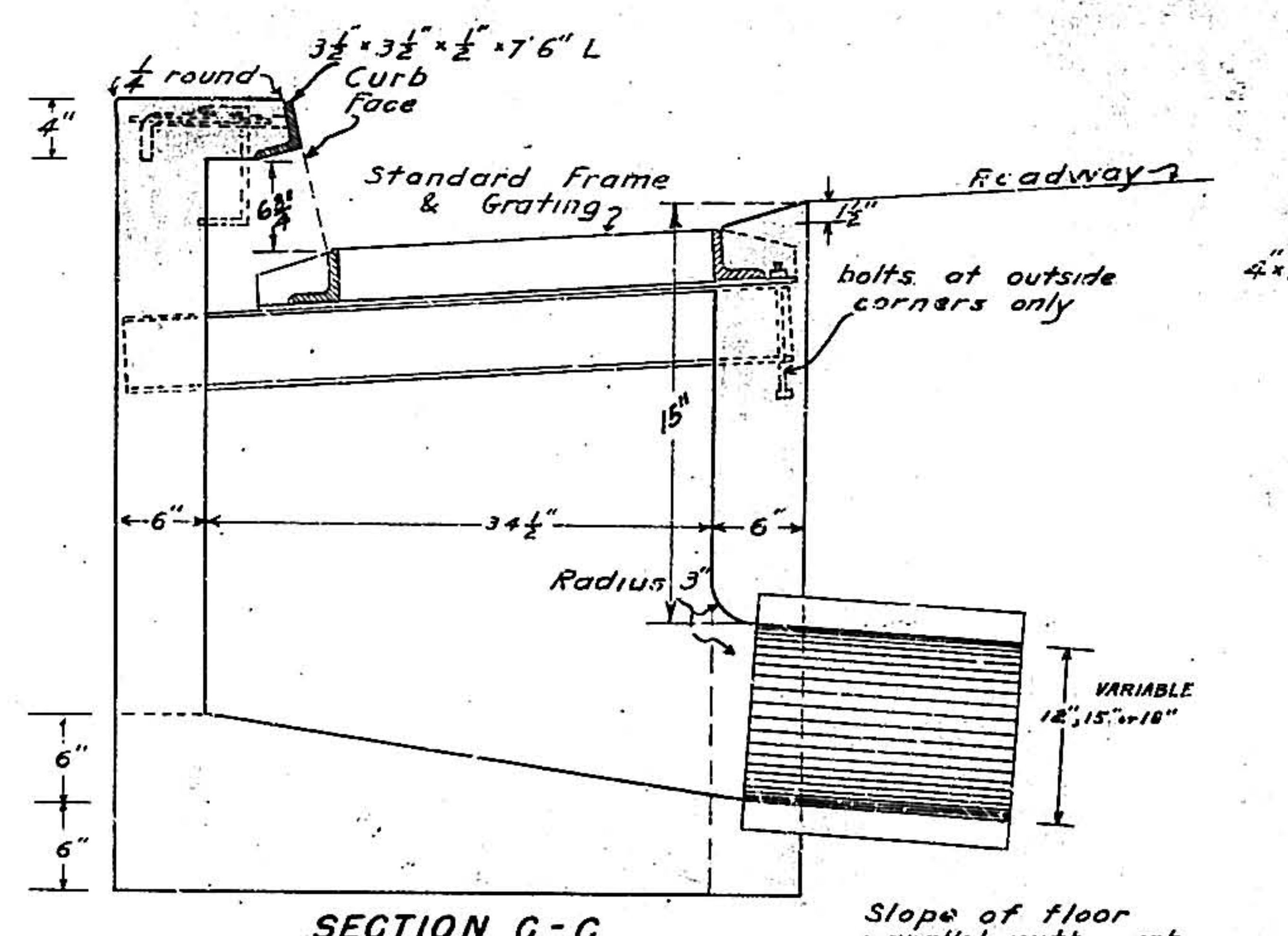
PLAN OF FRAME AND COVER



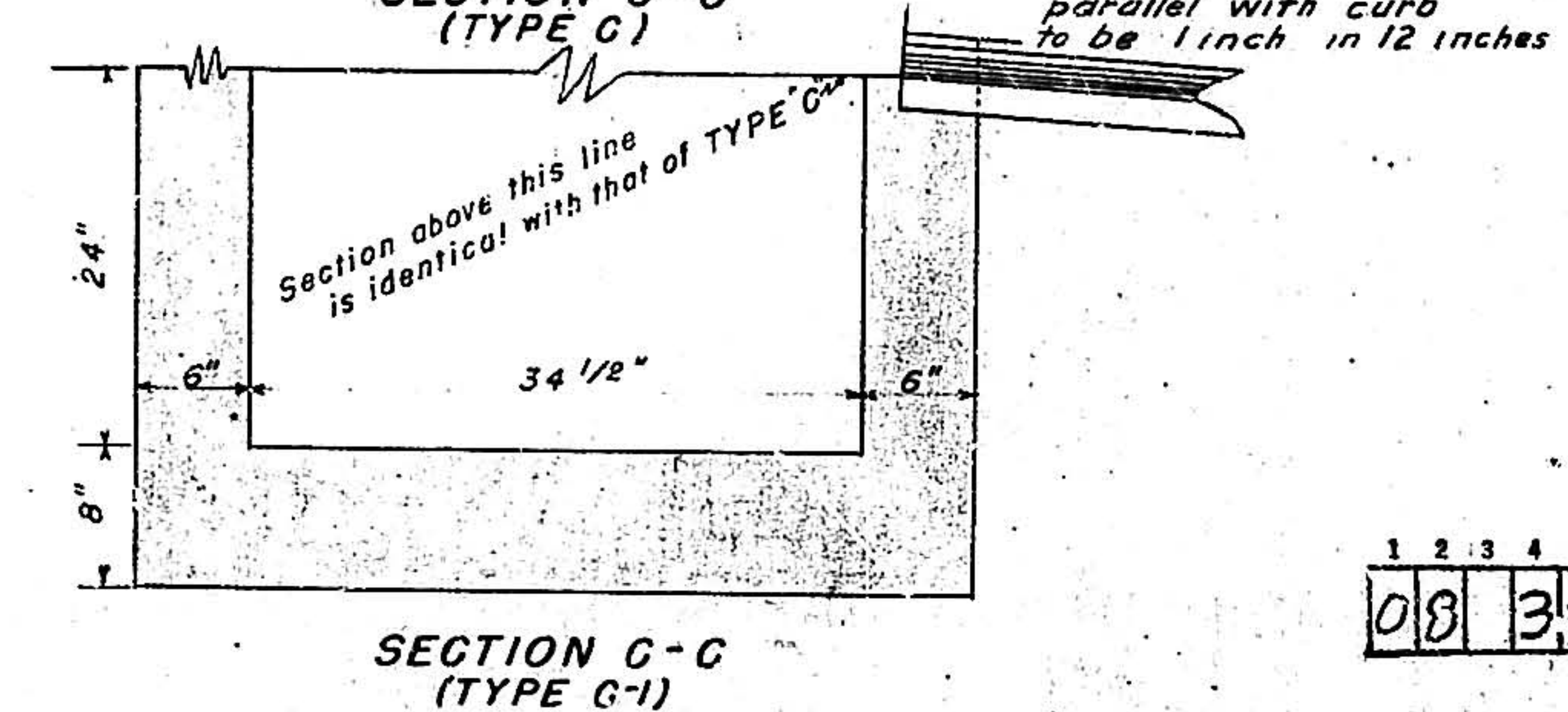
SECTION B-B



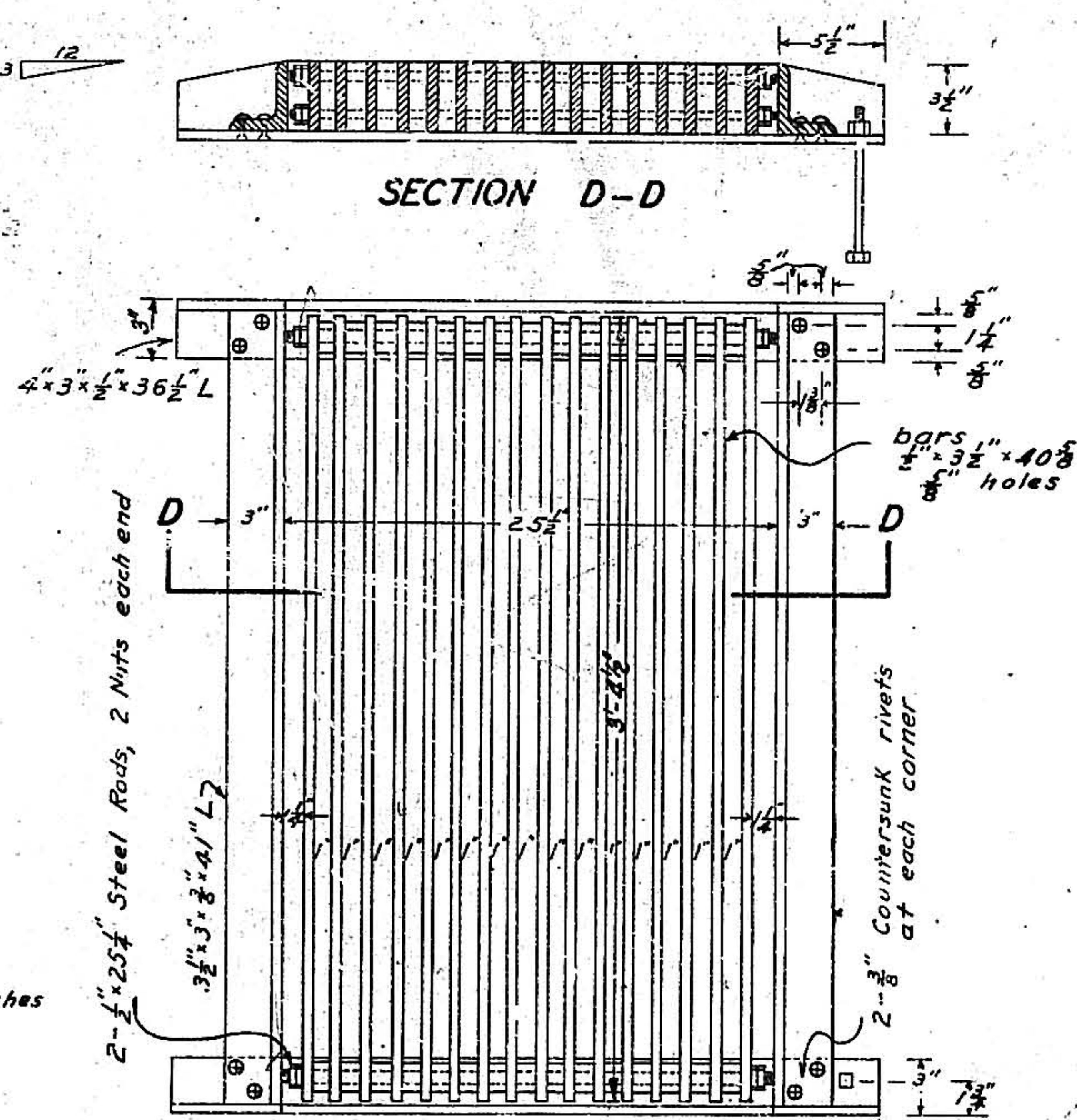
FRAME AND COVER CONNECTION
Scale 1" = 1"



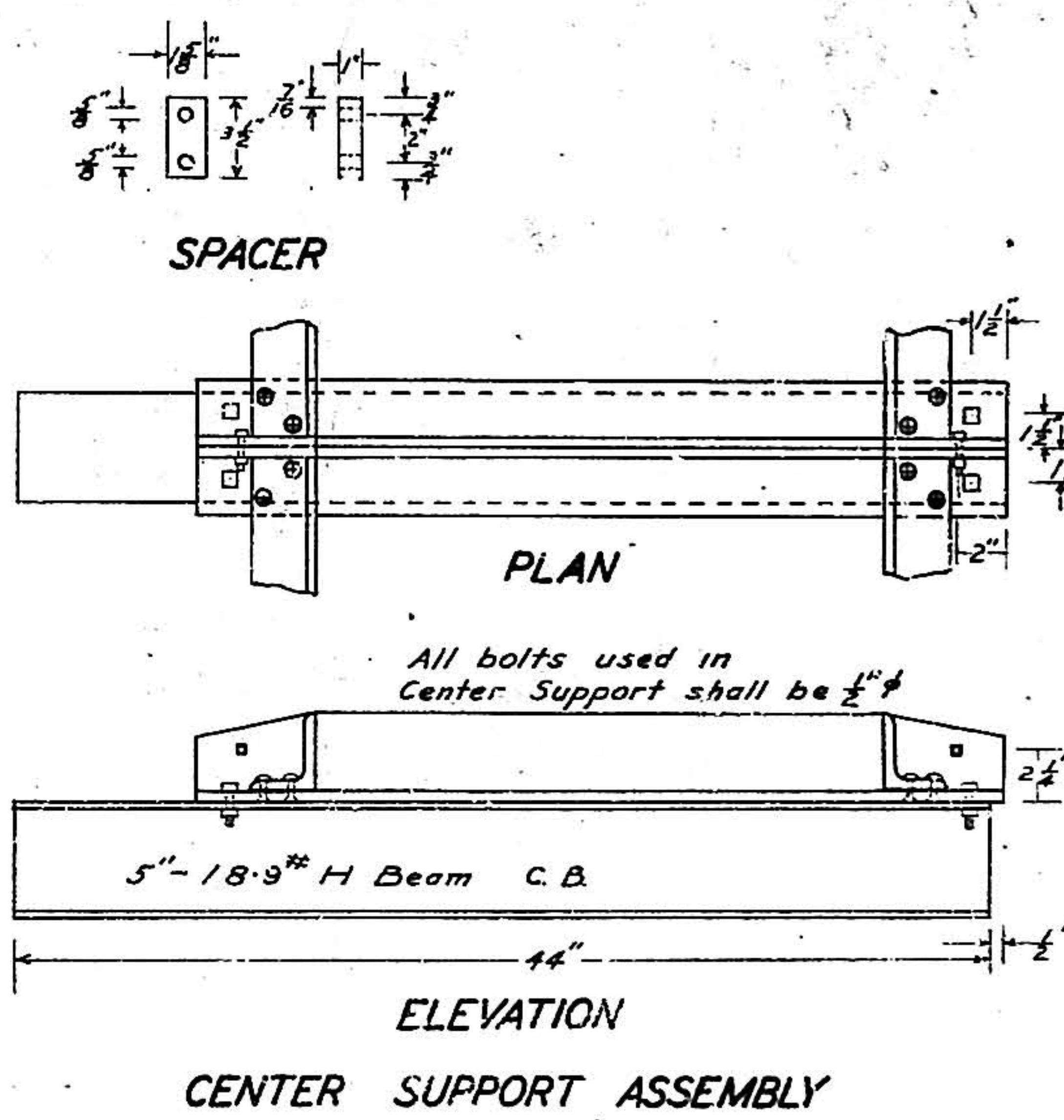
SECTION C-C (TYPE C)



SECTION C-C (TYPE C-1)



PLAN
STANDARD FRAME AND GRATING
Scale 1" = 1"



ELEVATION
CENTER SUPPORT ASSEMBLY

STATE OF NEW MEXICO
CITY OF ALBUQUERQUE
HIGHLAND STORM SEWERS
STANDARD CATCH BASINS, TYPES B & C,
AND APPURTENANCES

DRAWN BY: J. E. L. RECOMMENDED BY: E. O. B. TRACED BY: J. E. L. APPROVED BY: E. O. B. CHECKED BY: J. E. L. ALBUQUERQUE, NEW MEXICO OCTOBER 14, 1938 SHEET NO. 3

08 392 0939 110

PLAN	BY	DATE
NOTE BOOK	DATE	DATE
NO.	DATE	DATE

PROFILE	BY	DATE
NOTE BOOK	DATE	DATE
NO.	DATE	DATE

