



CITY OF ALBUQUERQUE
DEPARTMENT OF PUBLIC WORKS

PLANS
FOR CONSTRUCTION
OF

SAN JOSE DRAINAGE IMPROVEMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
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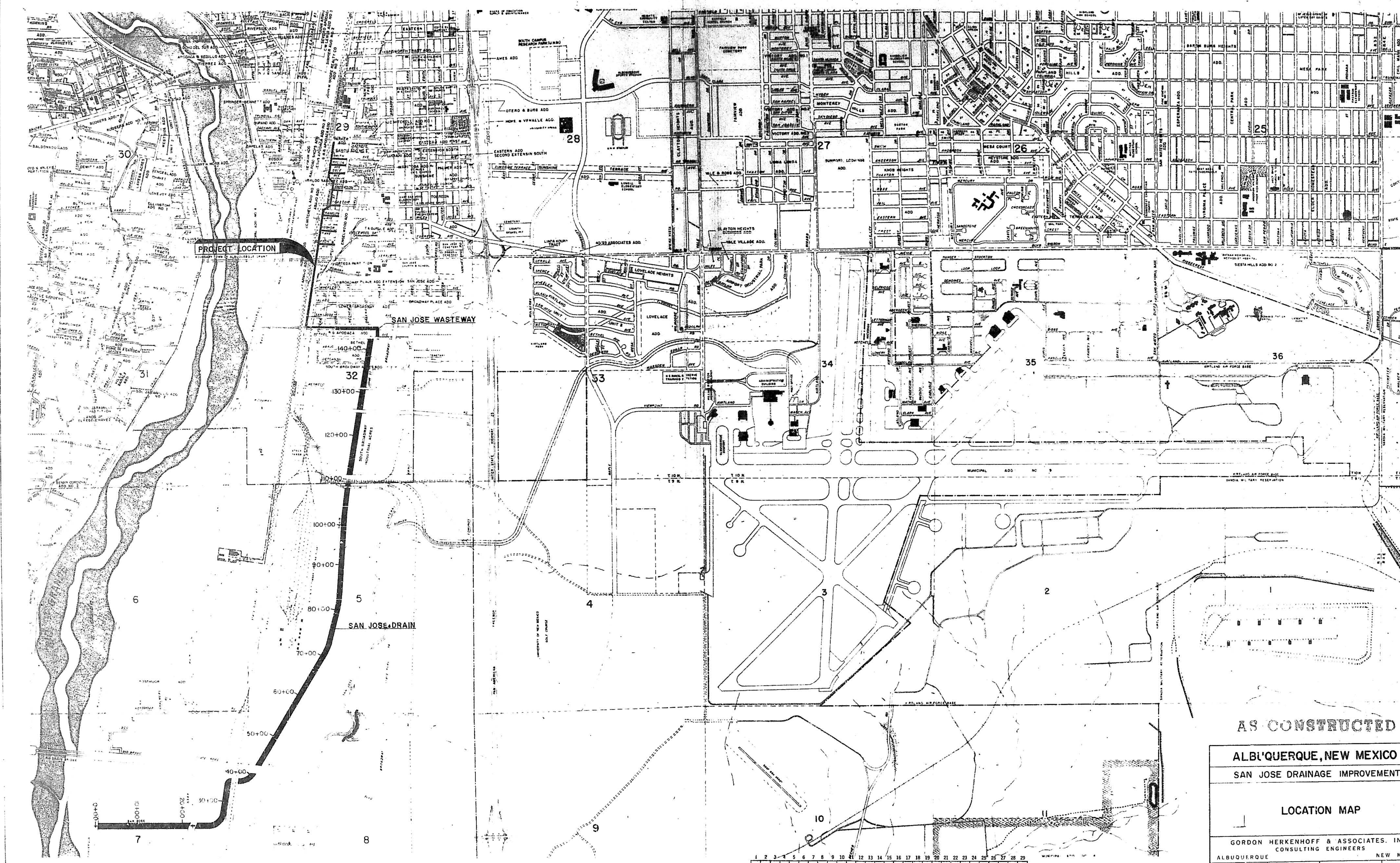
10

HARMAN OF THE CITY COMMISSION & EX-OFFICIO MAYOR *Charles E. Bernhardt*
CITY MANAGER *David W. McHugh*
CITY ATTORNEY *Frank Nelson*

DIRECTOR OF PUBLIC WORKS *F. F. Herkenhoff*
CITY ENGINEER *William J. Stevens*



GORDON HERKENHOFF AND ASSOCIATES
ENGINEERS
PLANNERS
AS CONSTRUCTED



AS CONSTRUCTED

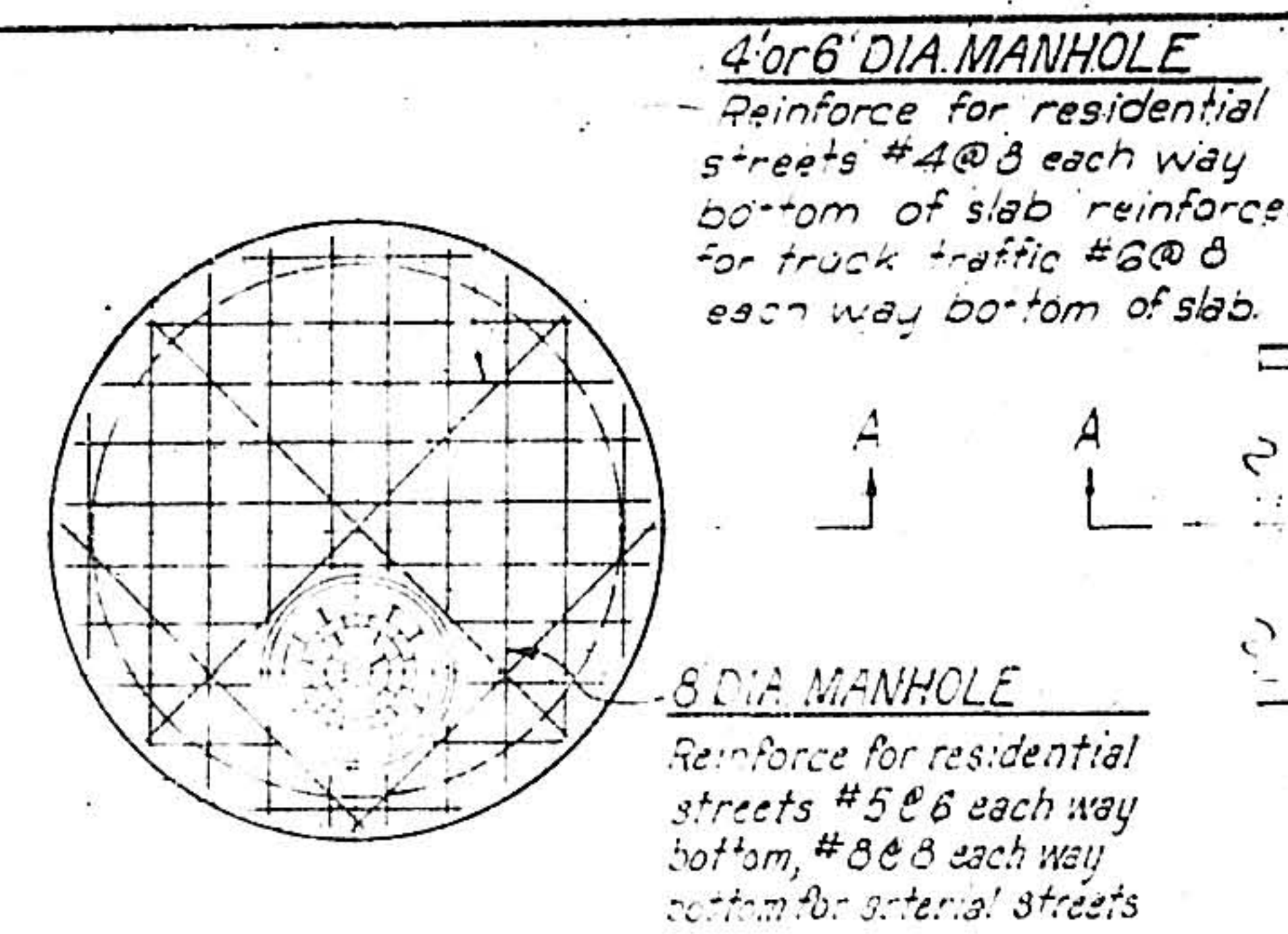
ALBUQUERQUE, NEW MEXICO
SAN JOSE DRAINAGE IMPROVEMENTS

LOCATION MAP

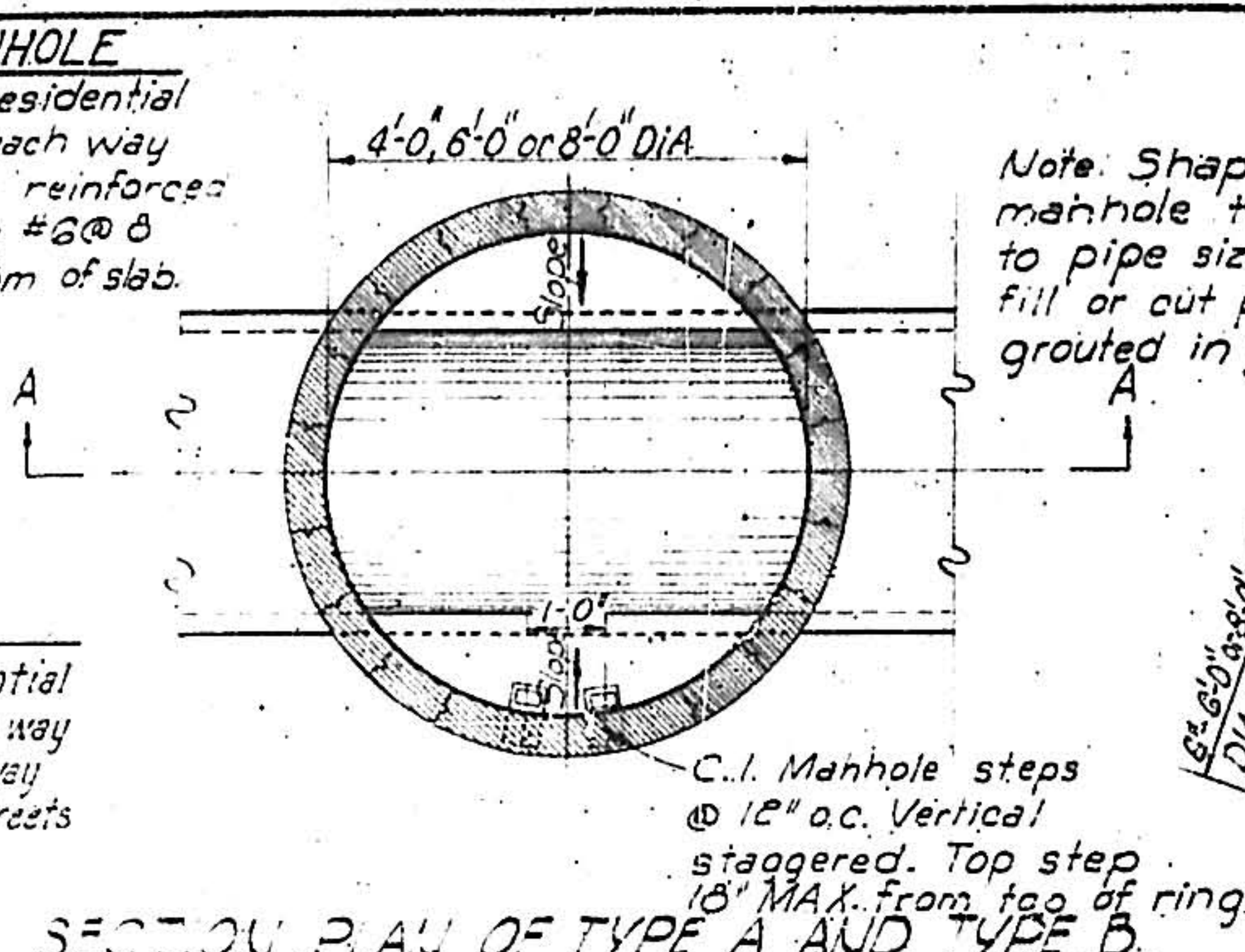
GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

SCALE 1" = 1000'	DATE MARCH, 1970	DRAWN: G.C. CHECKED: R.D.M.	SHEET 2 OF 10
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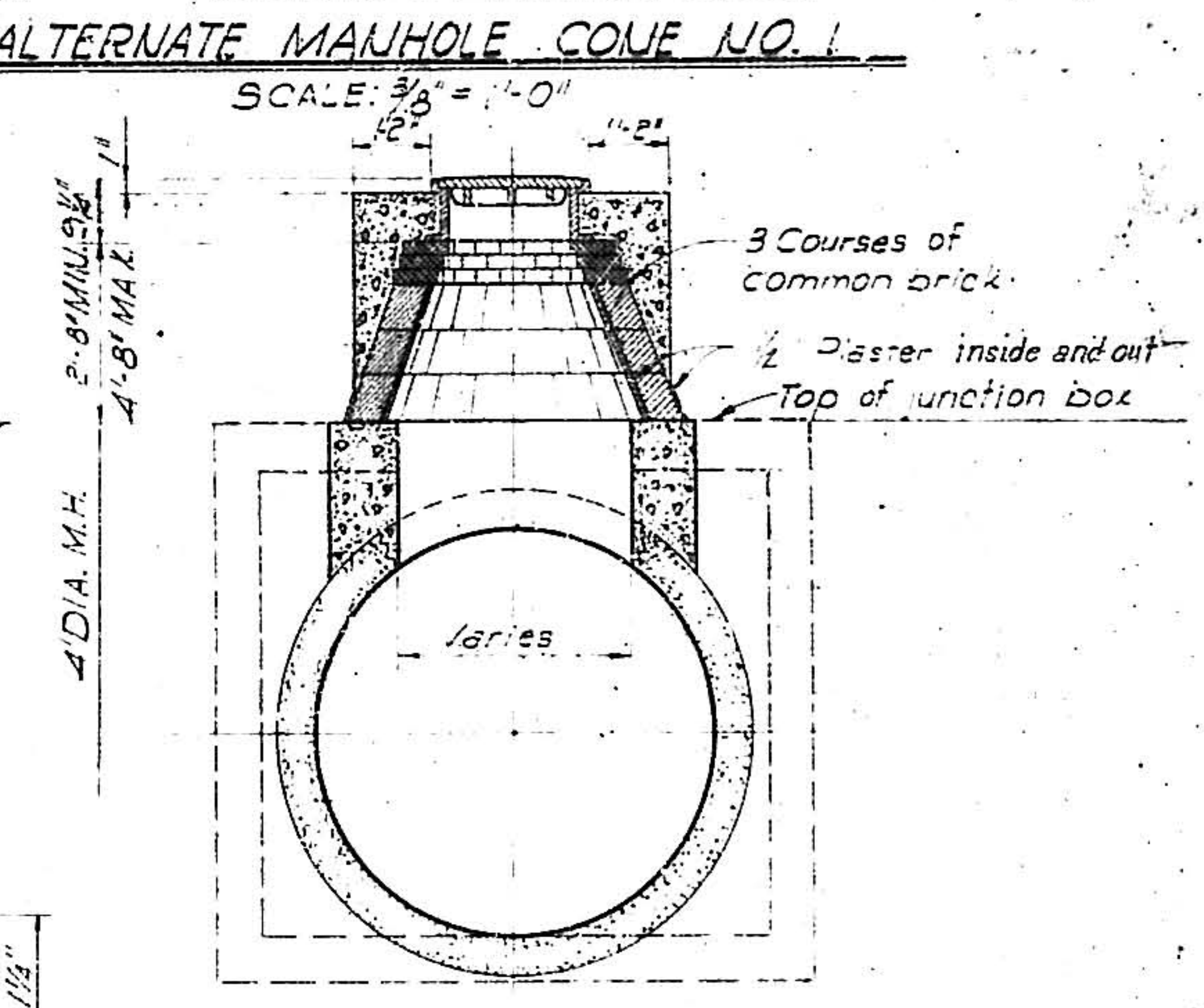
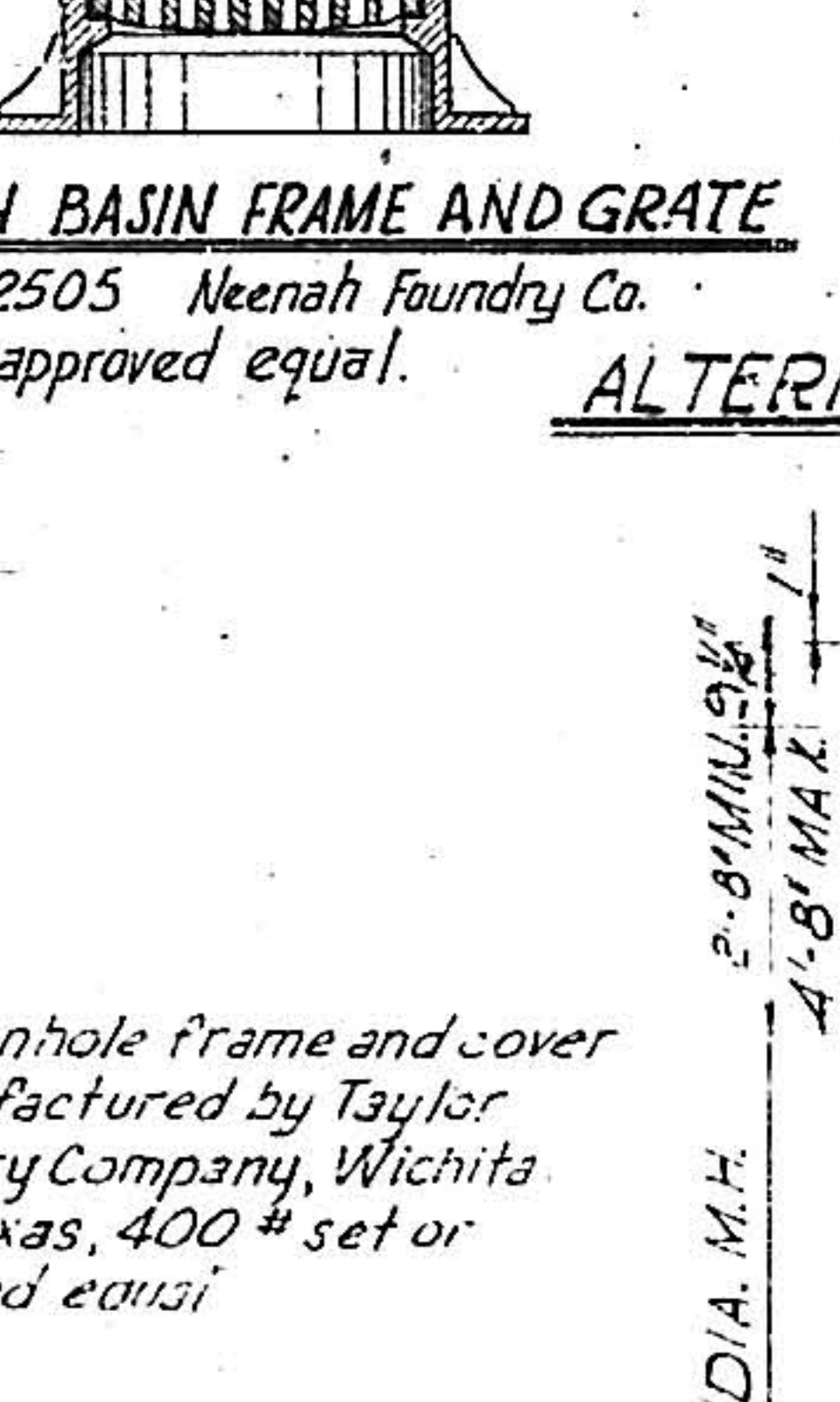
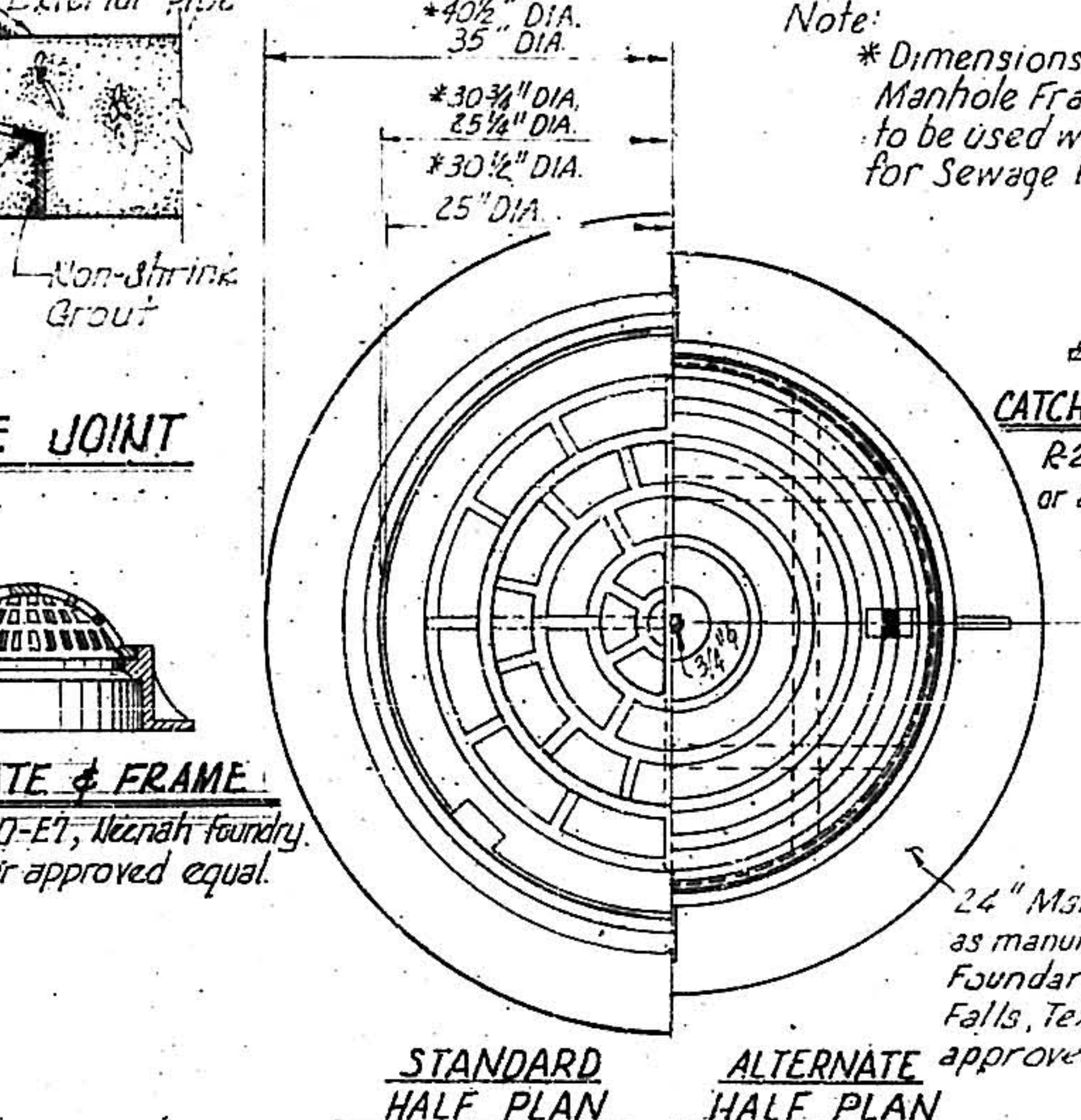
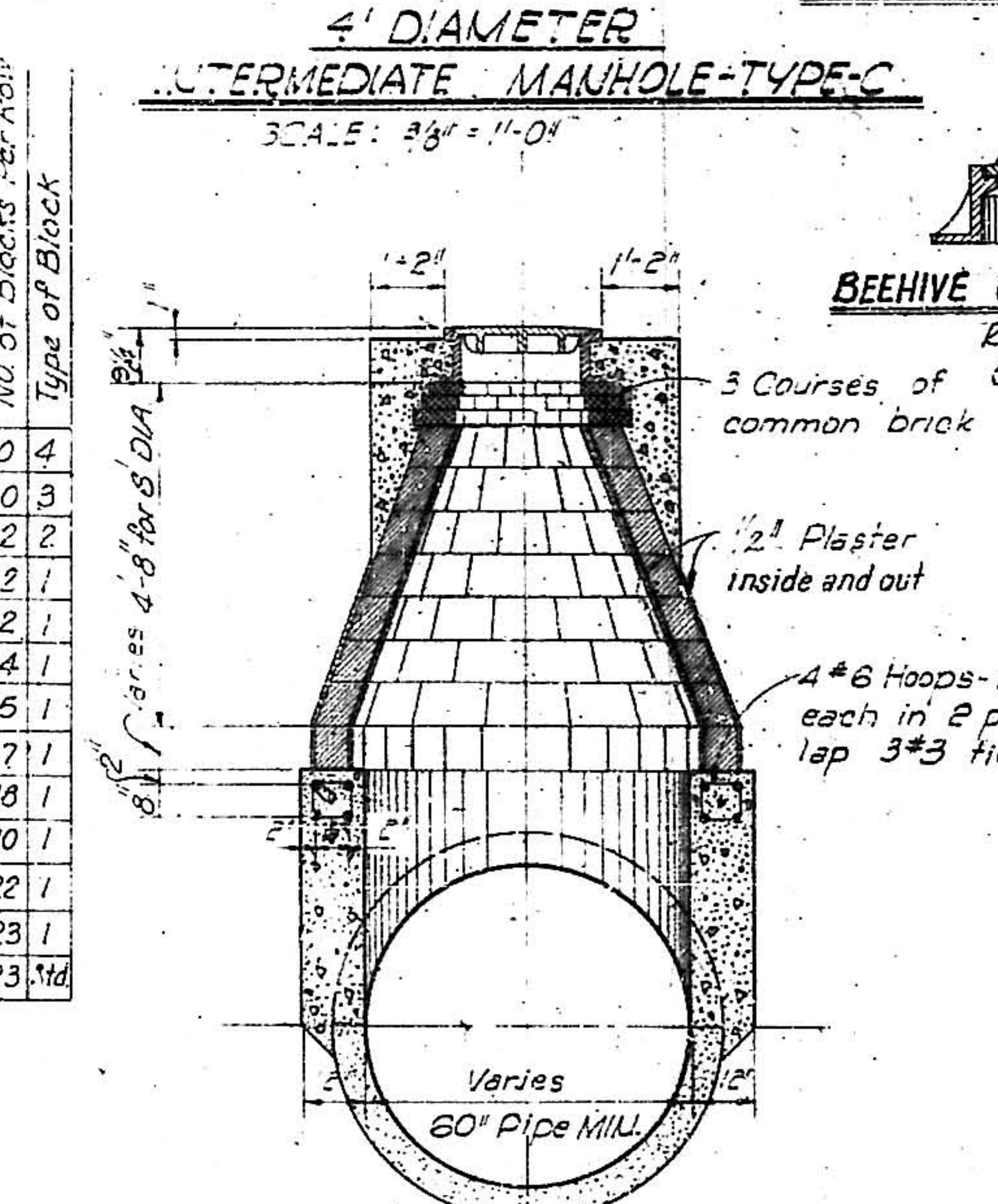
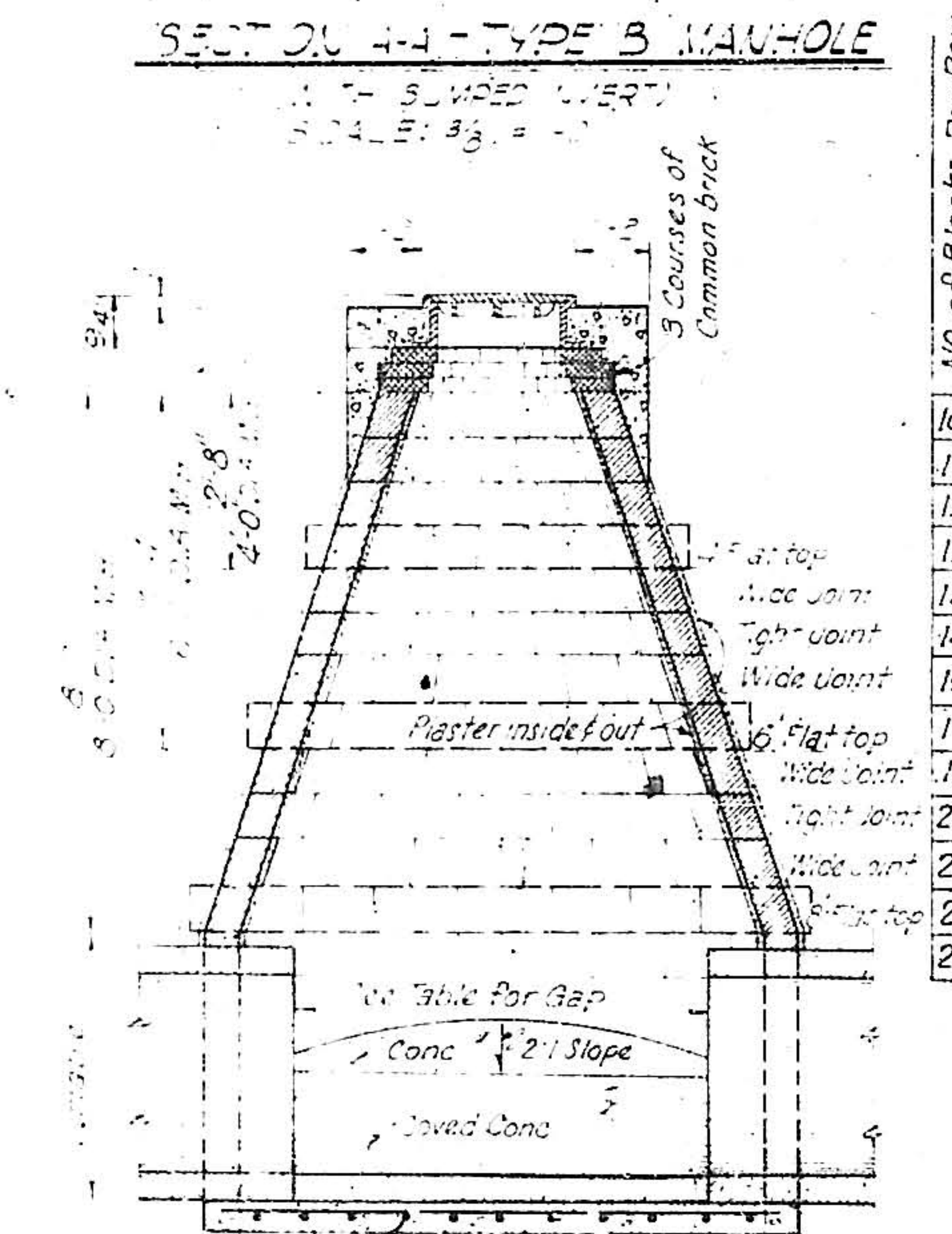
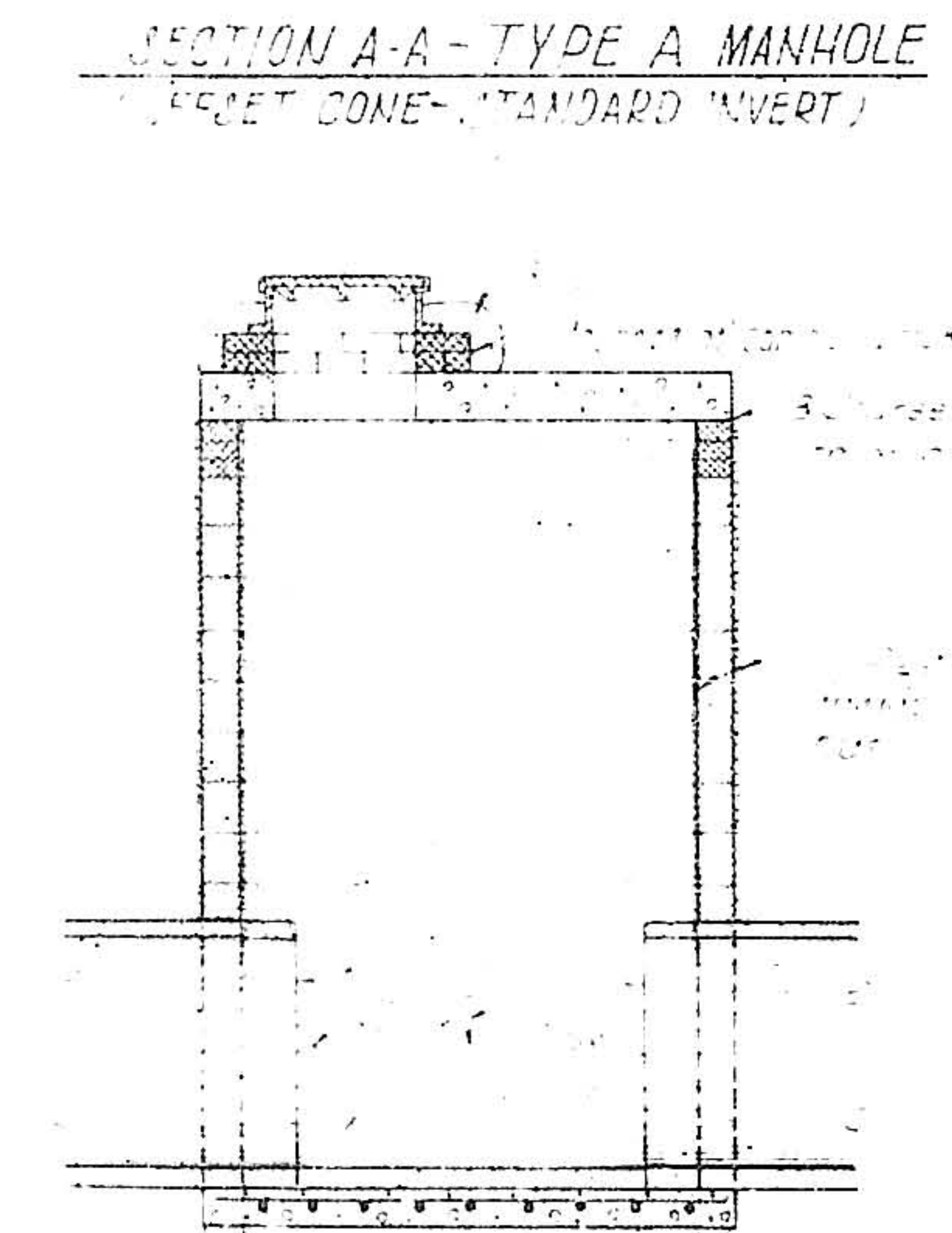
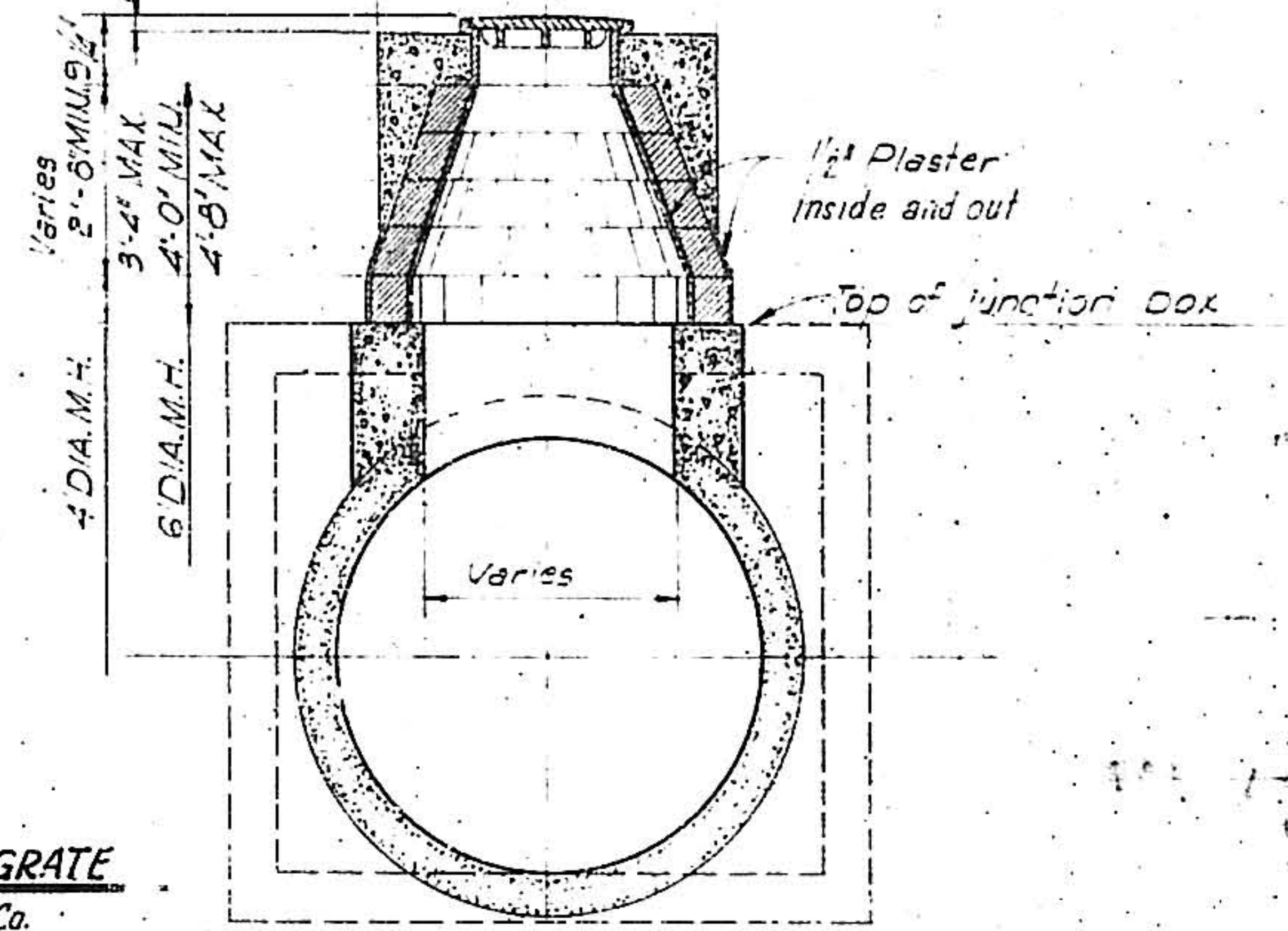
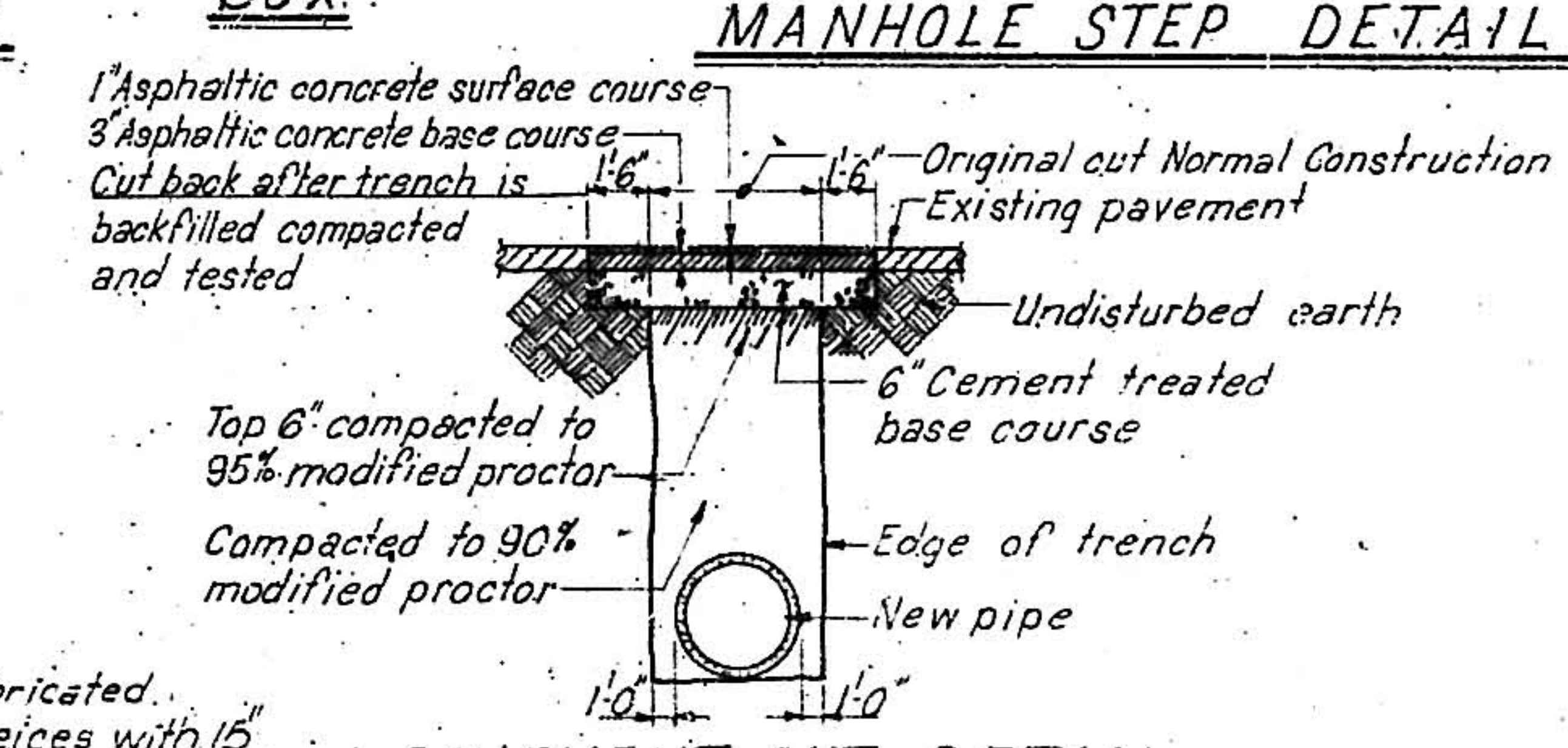
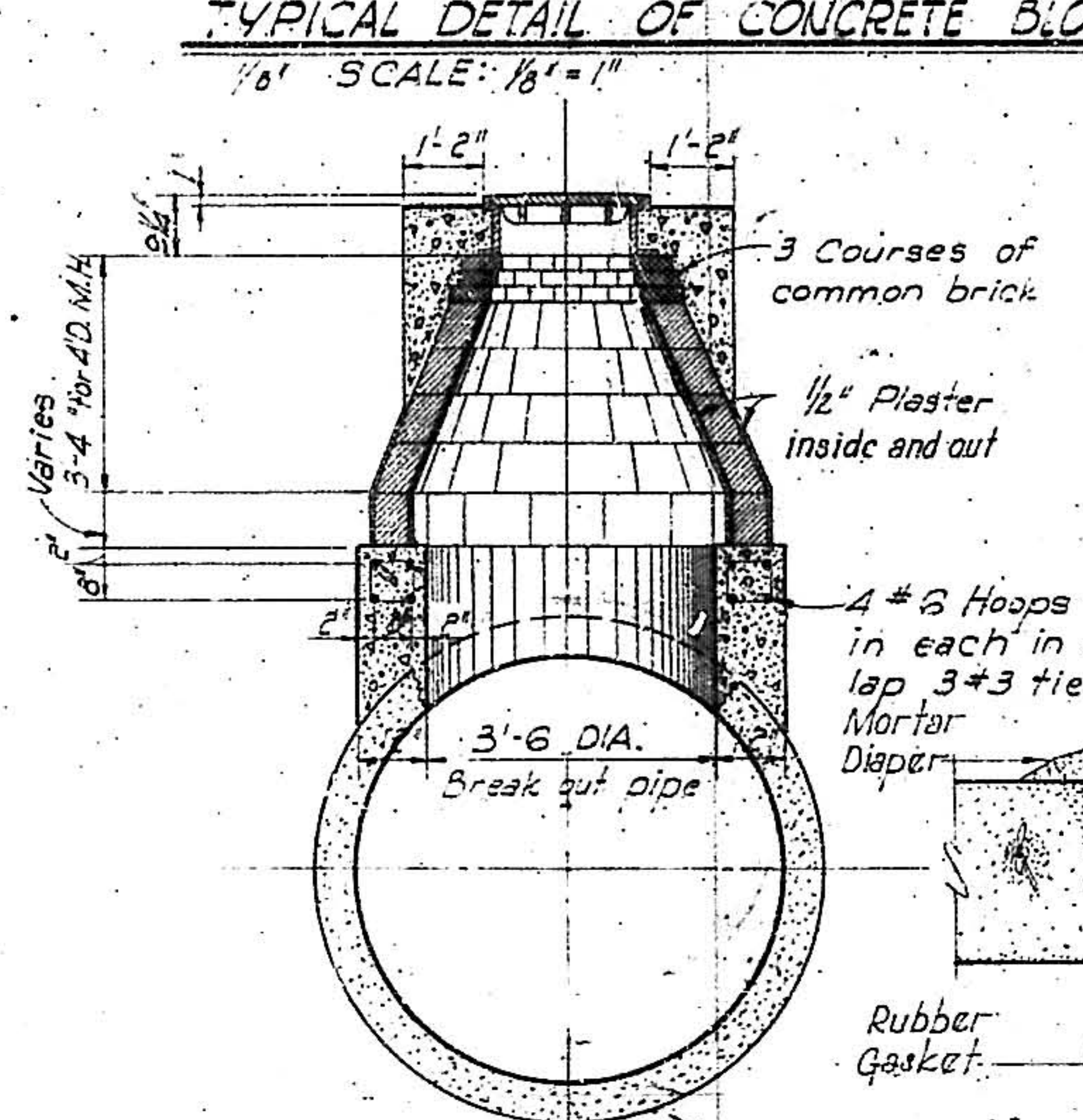
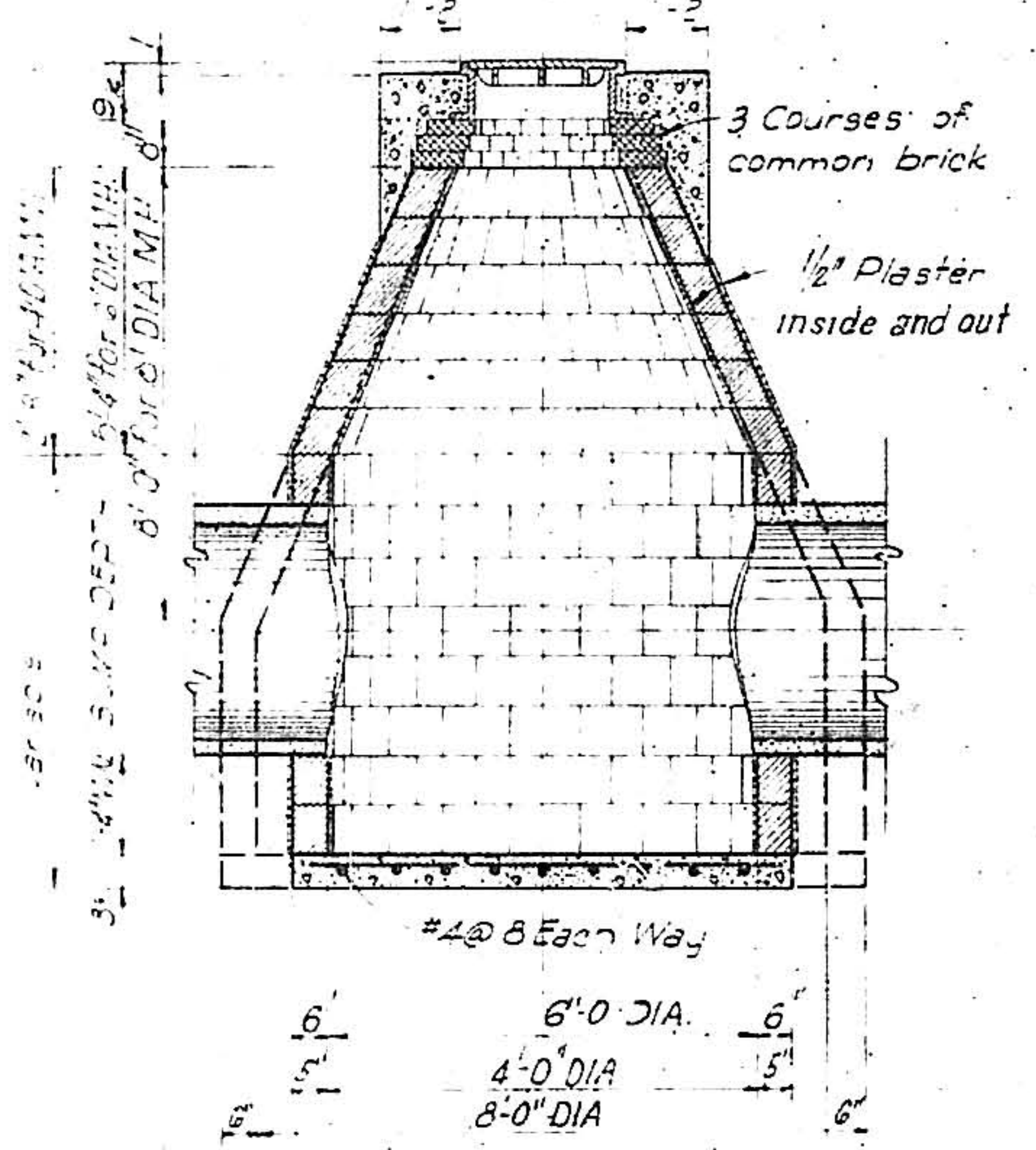
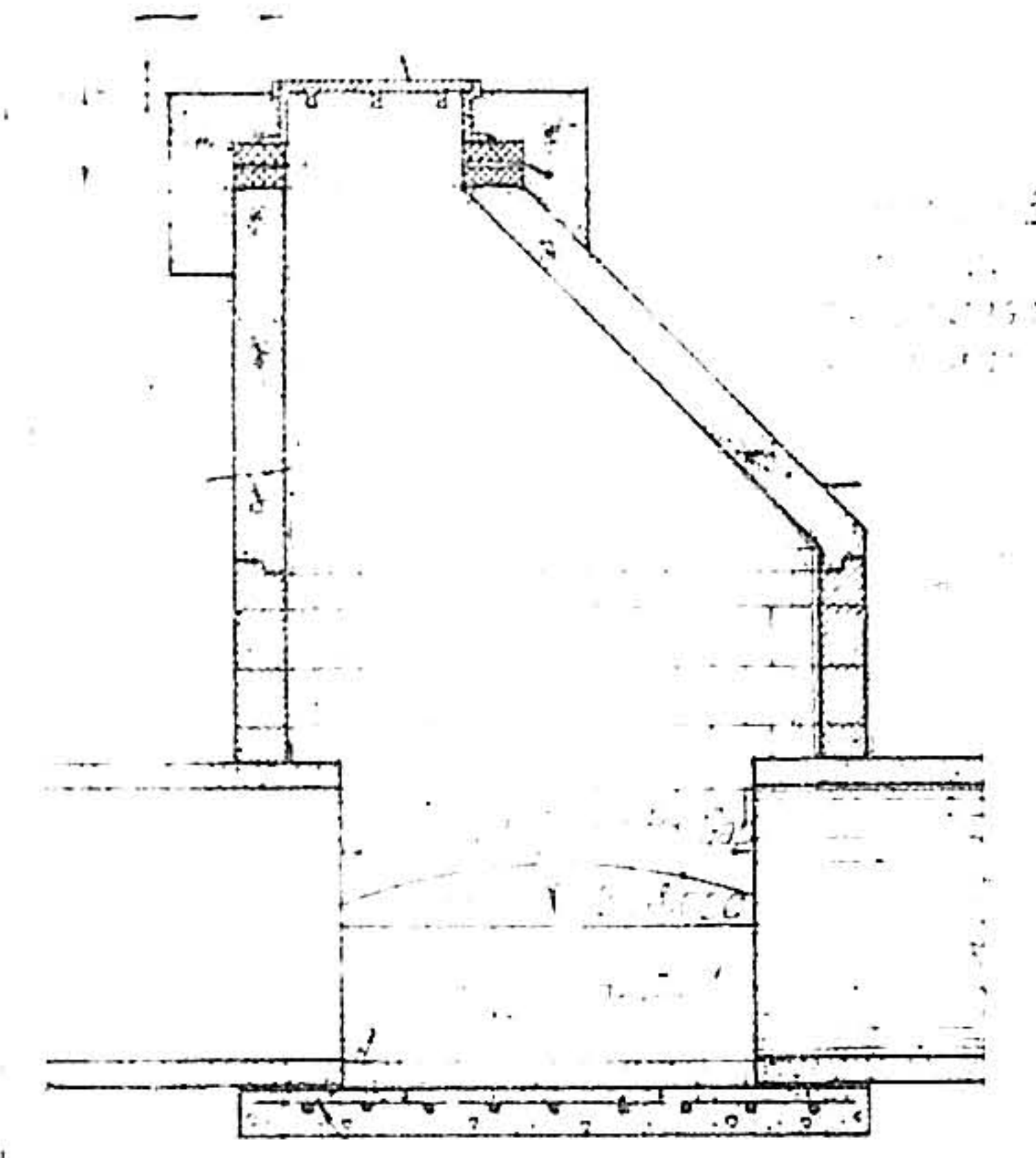
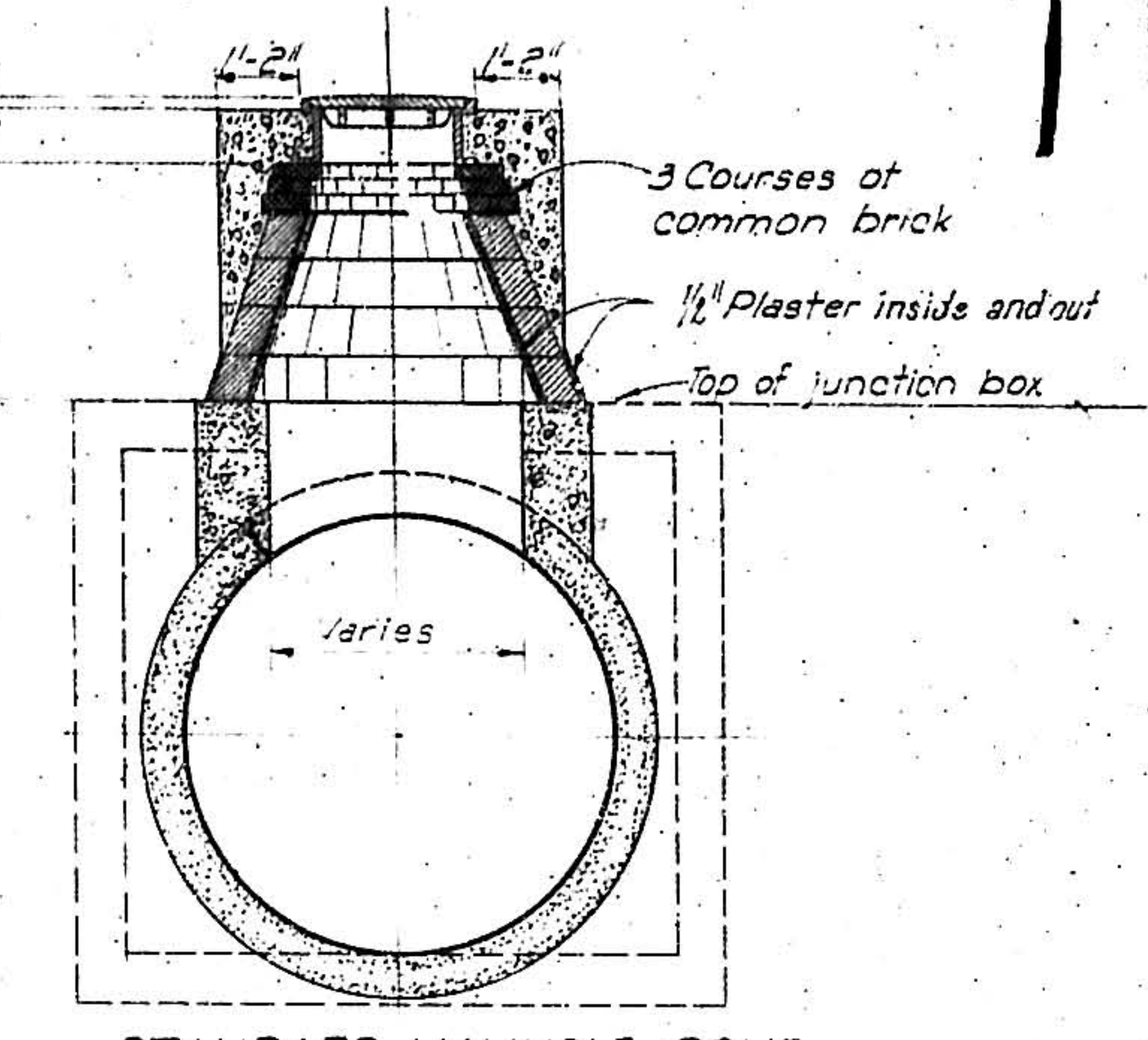
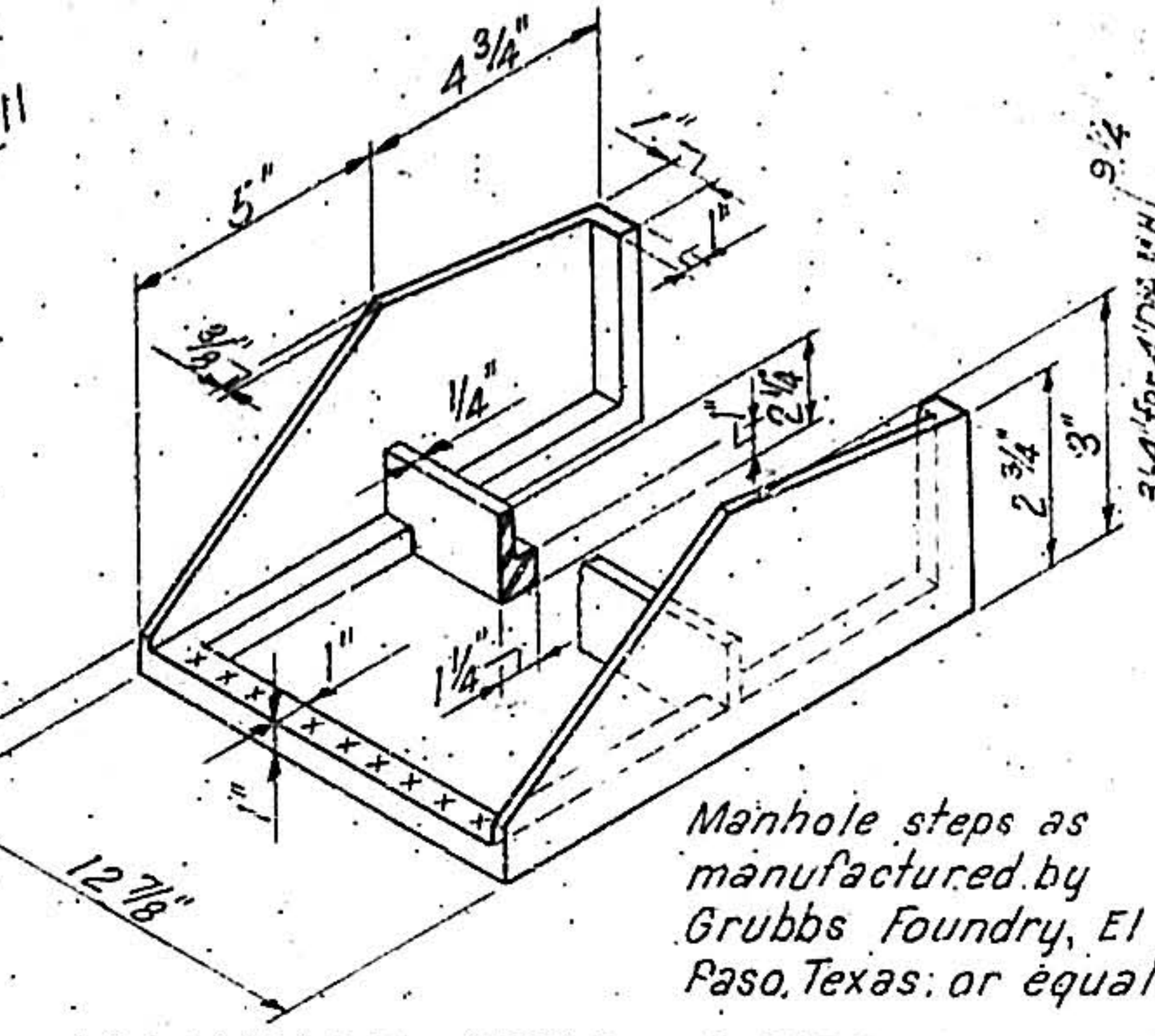
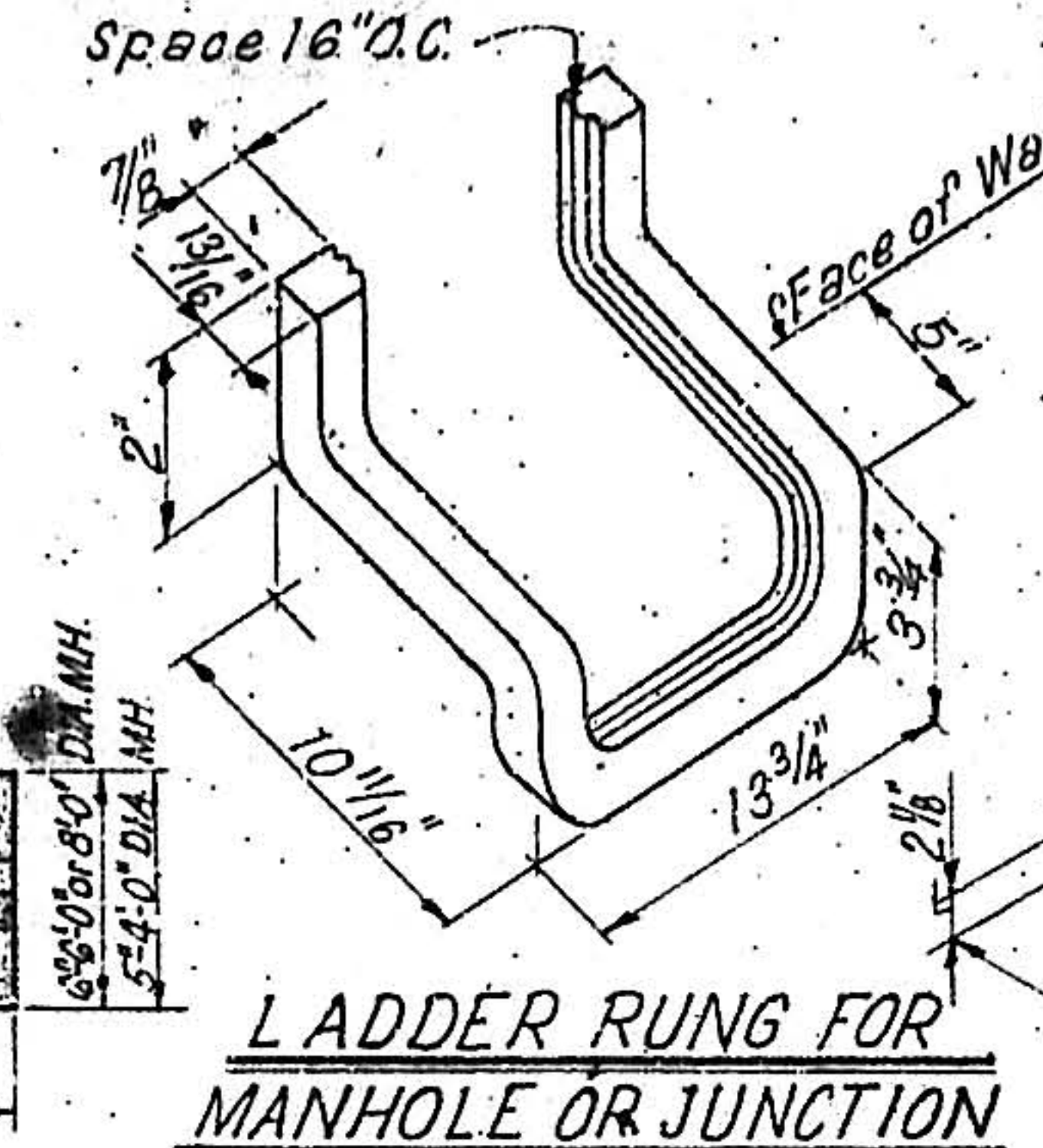
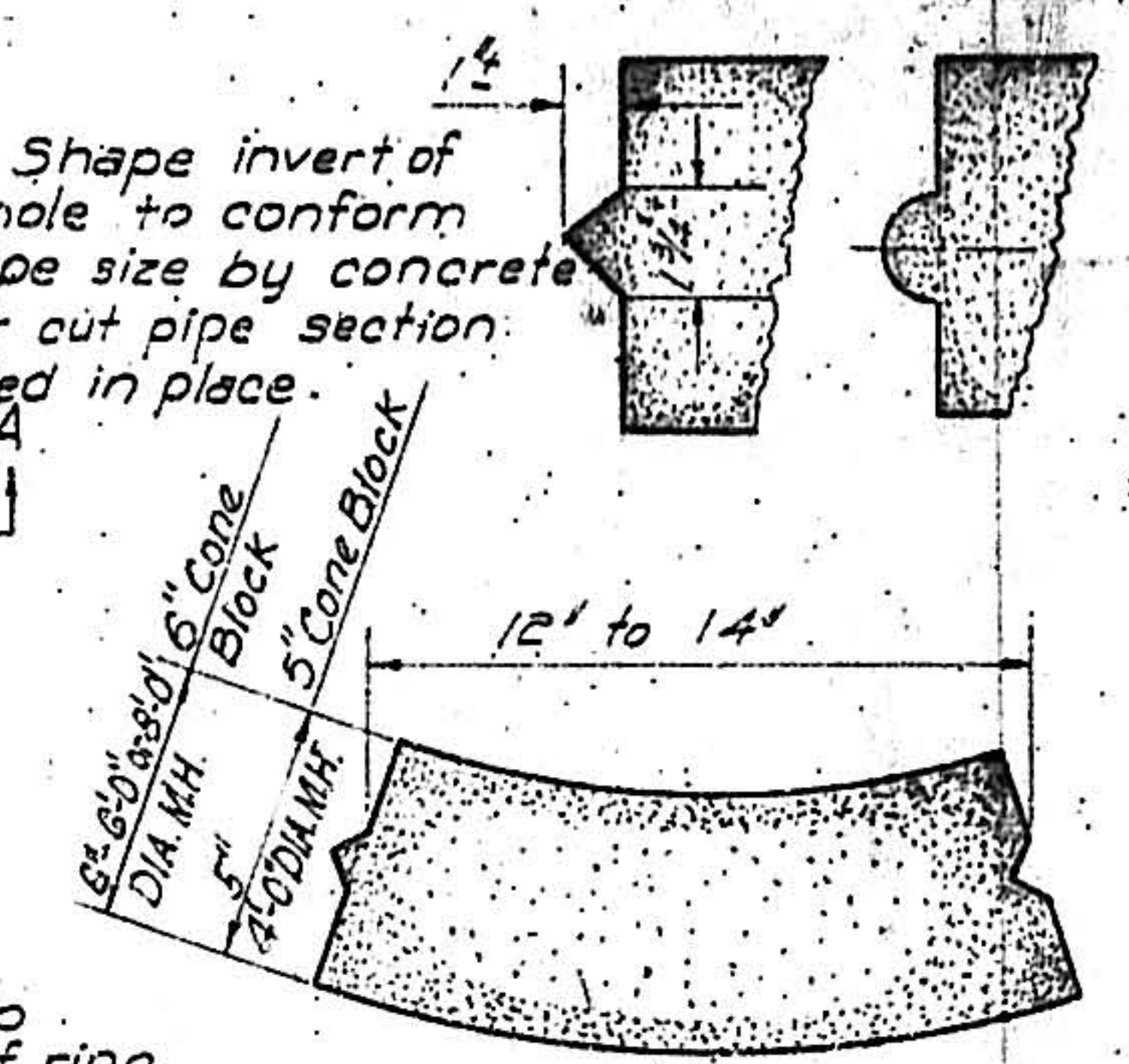
08 704 0270 21 21



TOP PLAN OF TYPE A
SCALE: 3/8" = 1'-0"

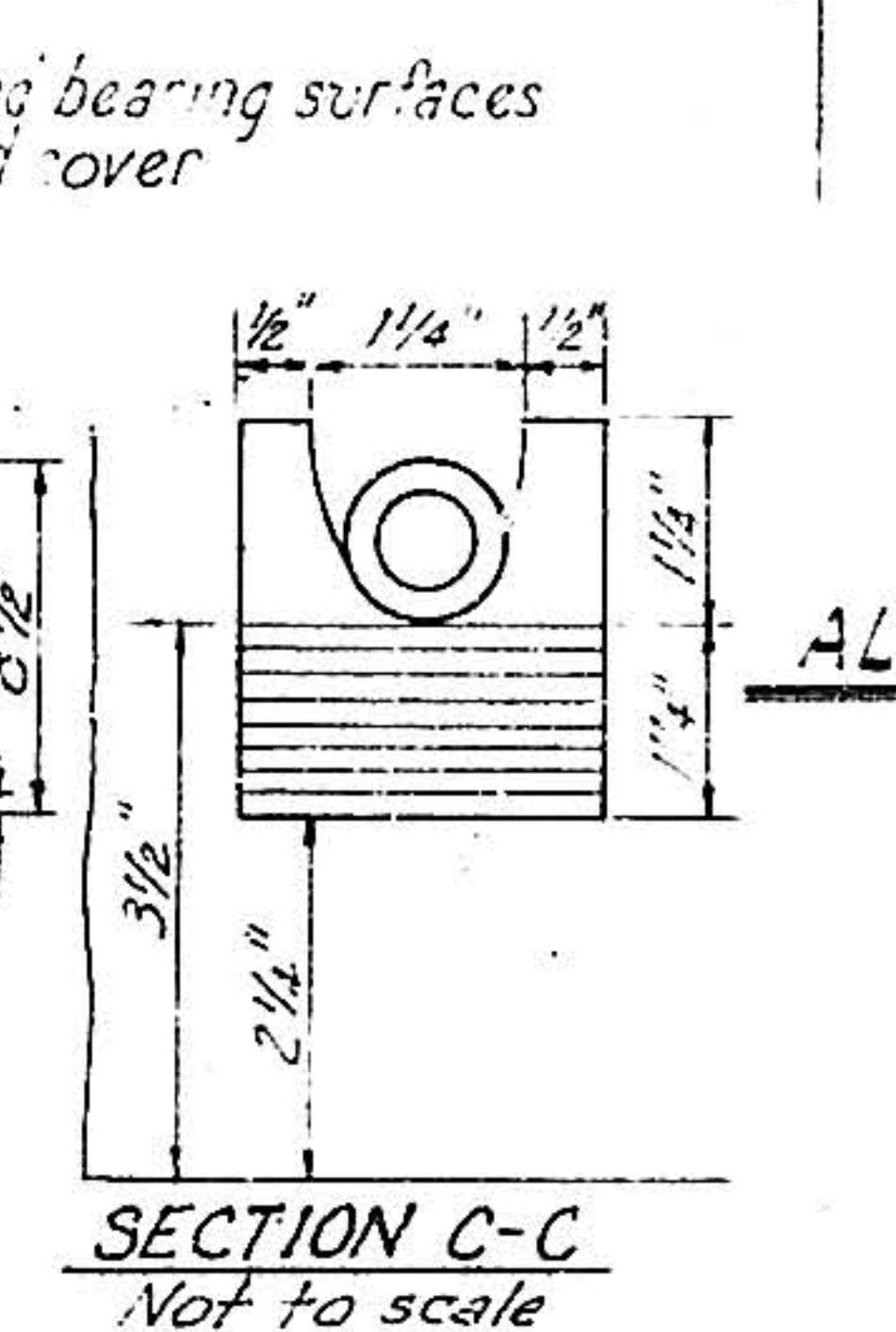
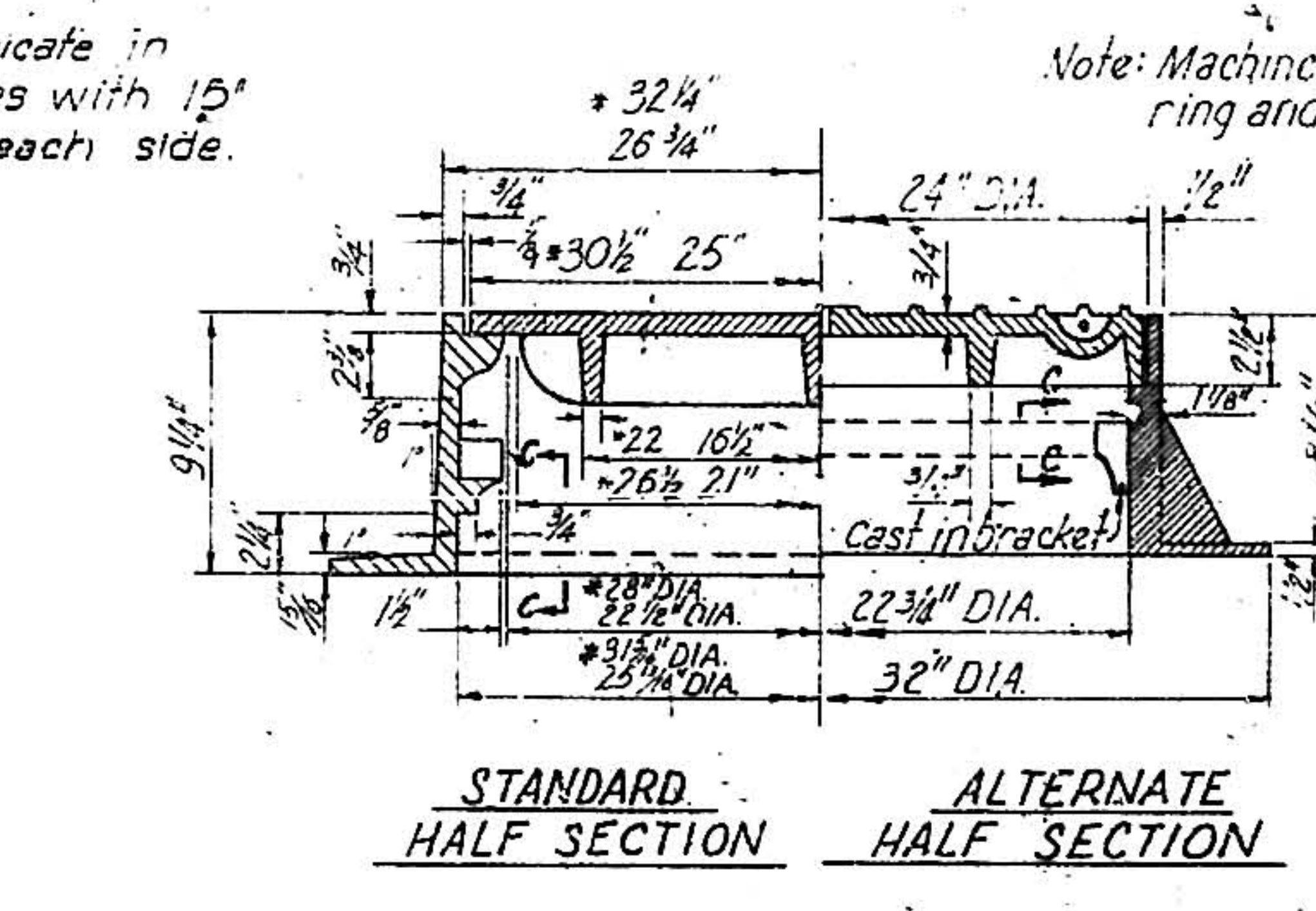


Note: Shape invert of manhole to conform to pipe size by concrete fill or cut pipe section grouted in place.



6' DIAMETER INTERMEDIATE MANHOLE TYPE C
Scale: 3/8" = 1'-0"

Manhole Size: 6 Feet	Manhole Size: 6 Feet	Manhole Size: 6 Feet
Pipe Size	Gap To Be Left (Max)	Pipe Size
48"	6.4 feet	36"
50"	6.8 feet	38"
52"	7.2 feet	40"
54"	7.6 feet	42"
56"	8.0 feet	44"
58"	8.4 feet	46"
60"	8.8 feet	48"



TYPICAL DETAILS OF CAST IRON MANHOLE RING AND COVER
SCALE: 1/8" = 1'-0"

Manhole Size: 4 Feet	Manhole Size: 4 Feet	Manhole Size: 4 Feet
Pipe Size	Gap To Be Left (Max)	Pipe Size
10"	3.5 feet	10"
12"	3.9 feet	12"
14"	4.3 feet	14"
16"	4.7 feet	16"
18"	5.1 feet	18"
20"	5.5 feet	20"
22"	5.9 feet	22"
24"	6.3 feet	24"
26"	6.7 feet	26"
28"	7.1 feet	28"
30"	7.5 feet	30"
32"	7.9 feet	32"

Note: Manholes to be constructed under water to be plastered on the outside 1/2" thick from 1'-0" above water level on down to bottom of M.H.

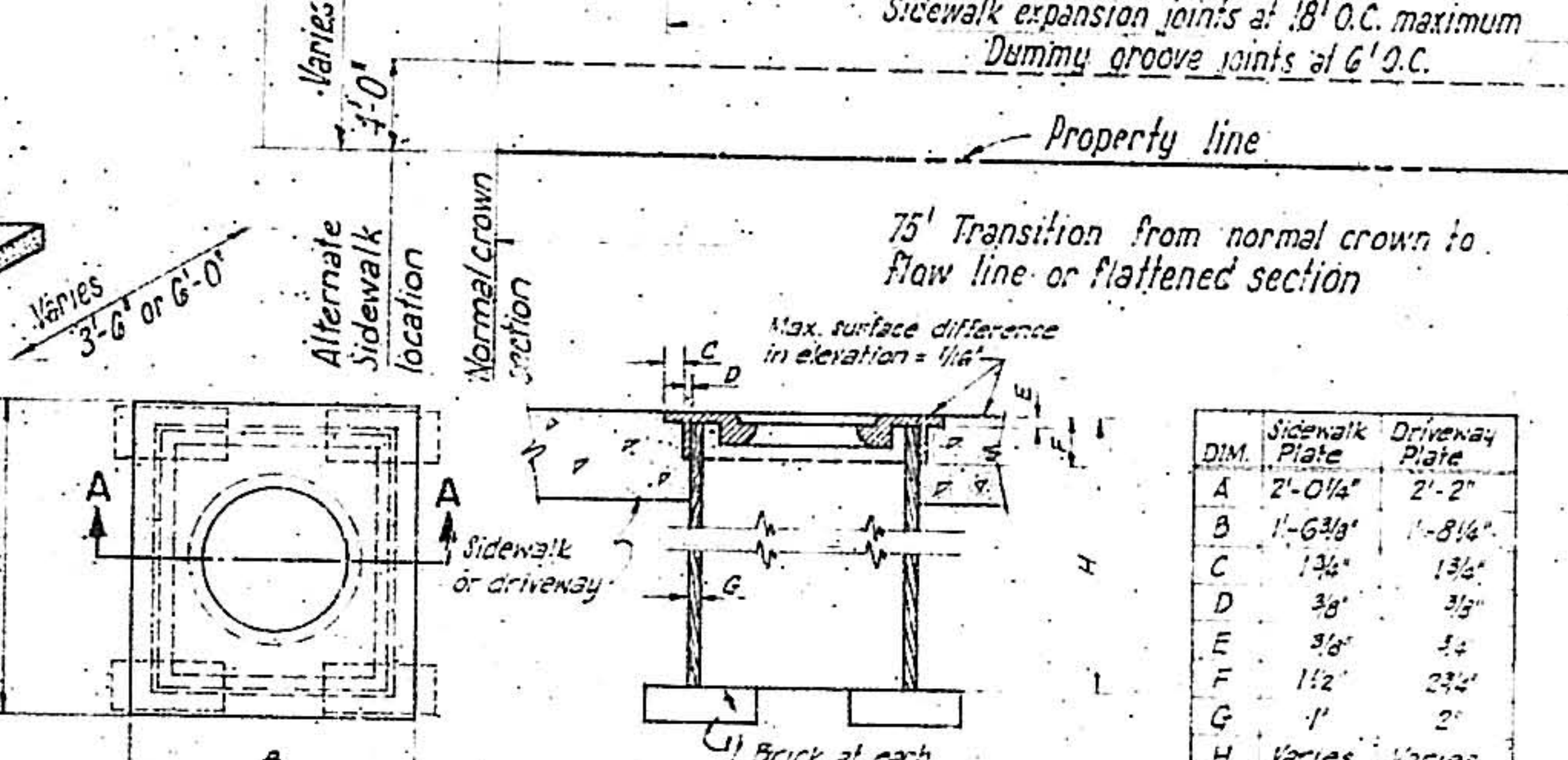
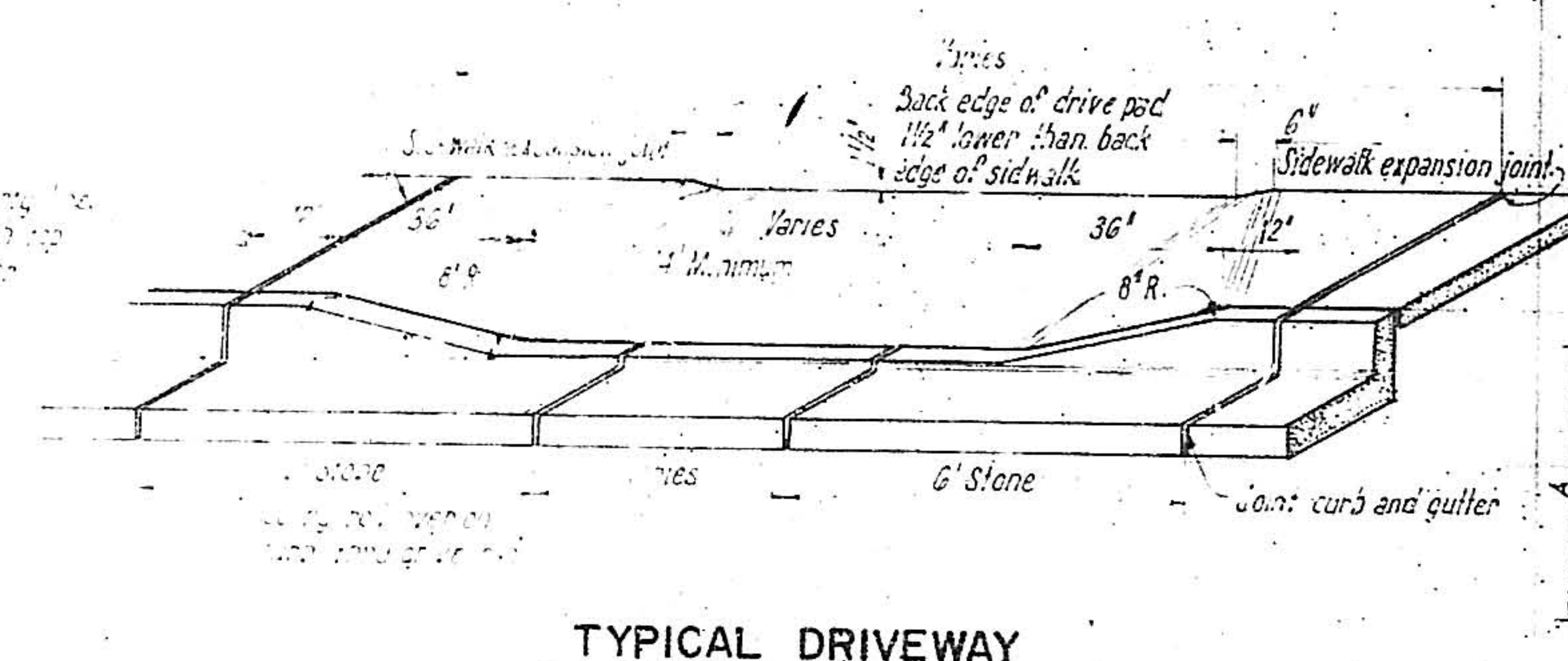
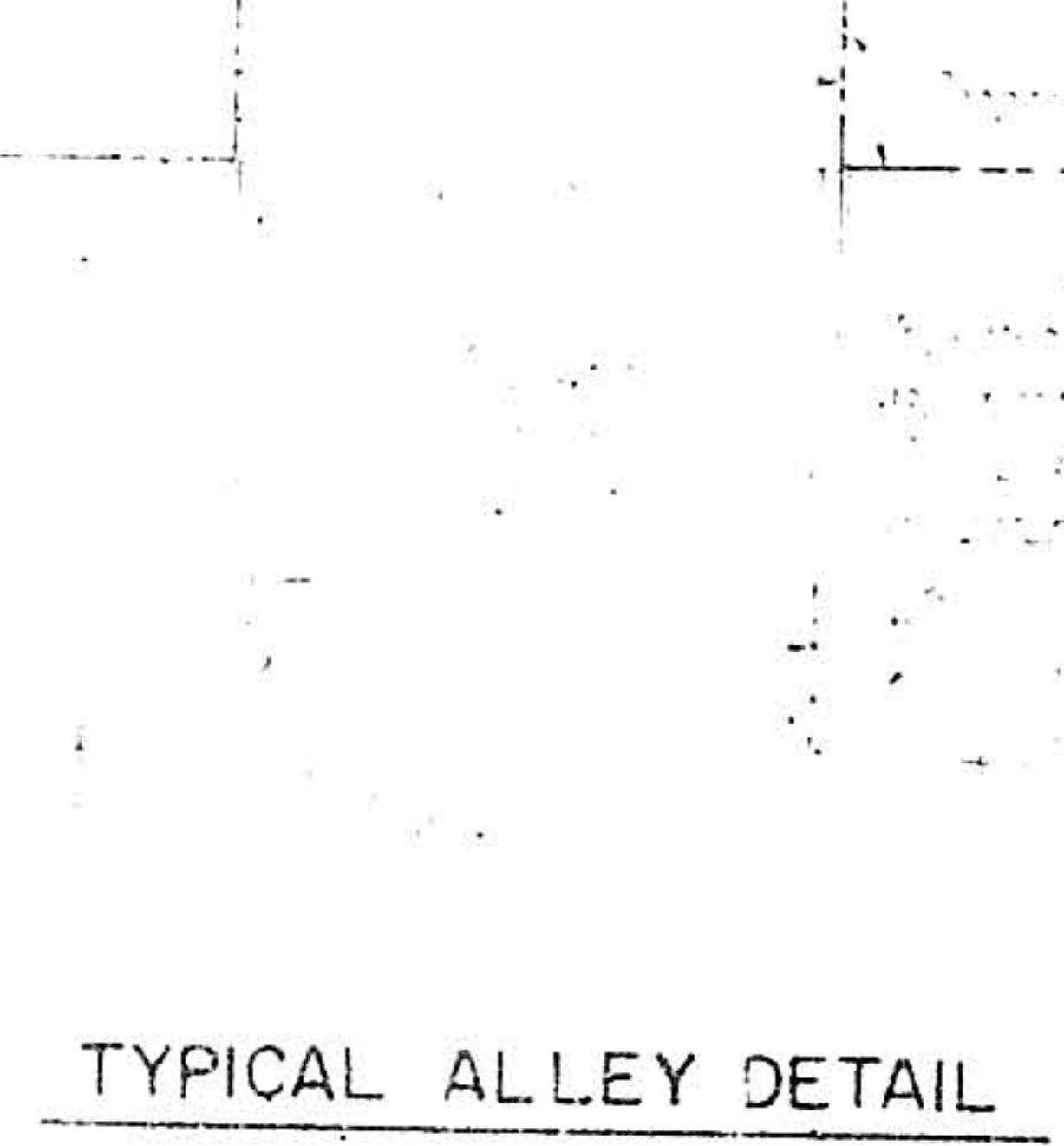
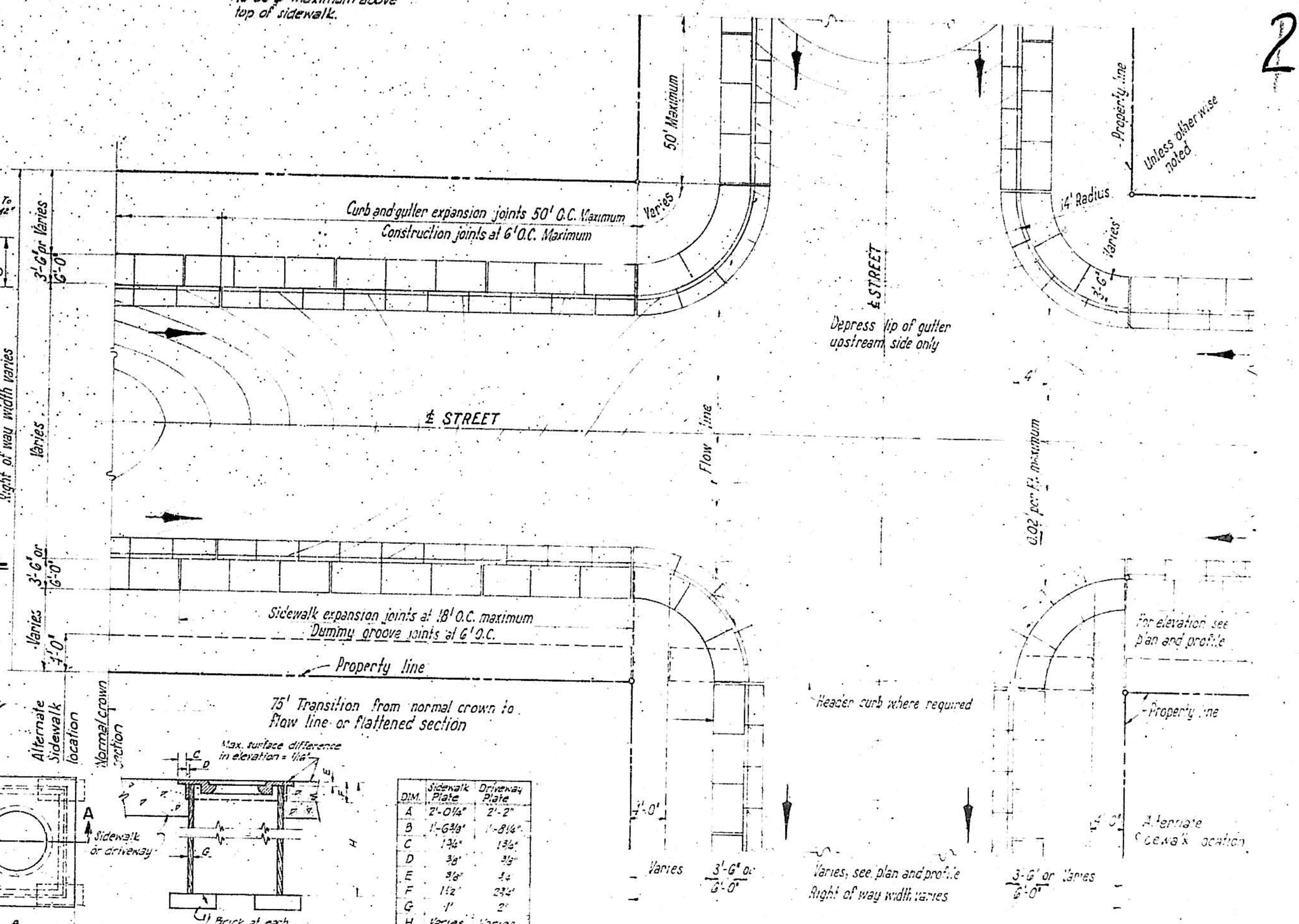
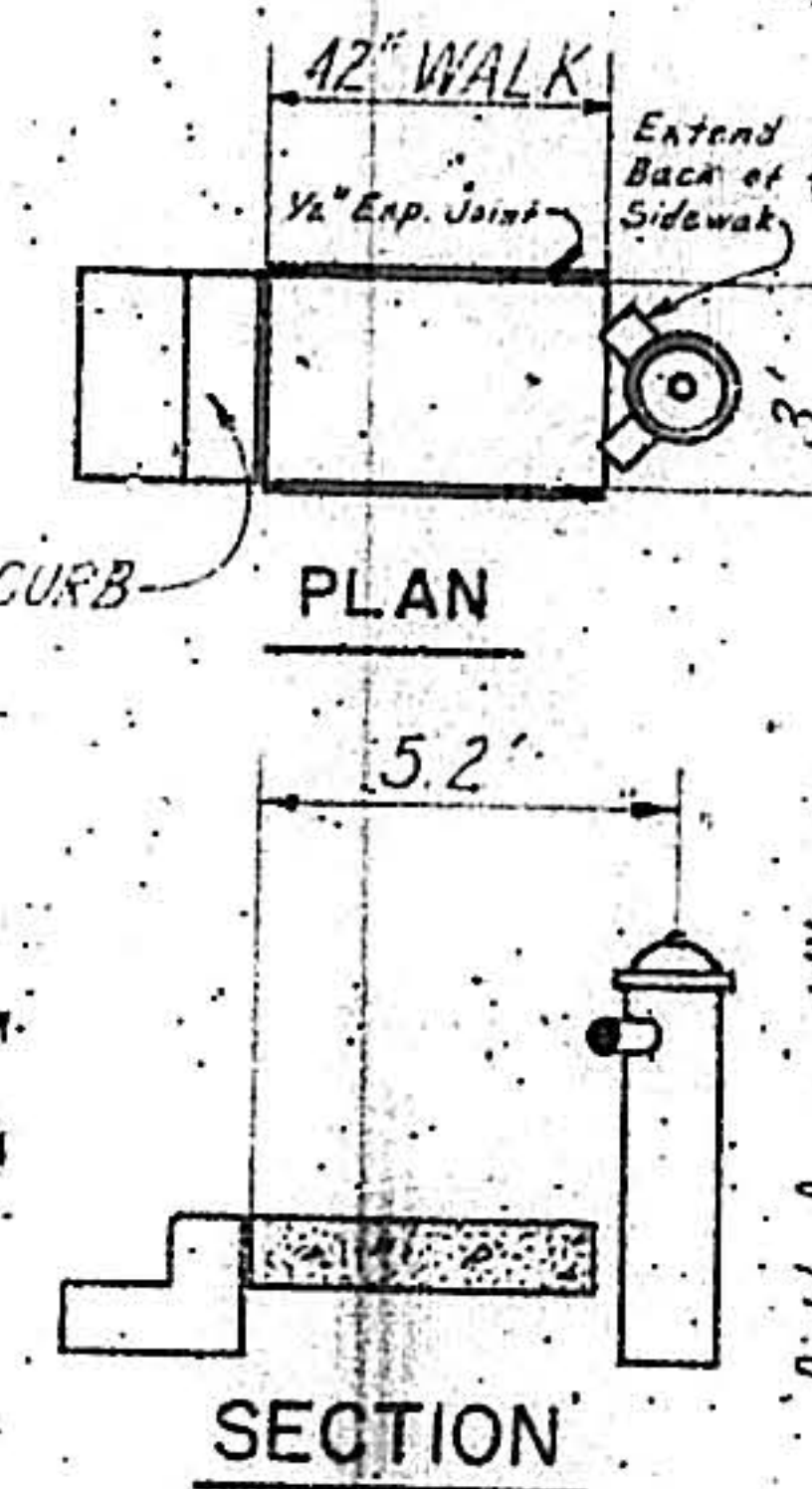
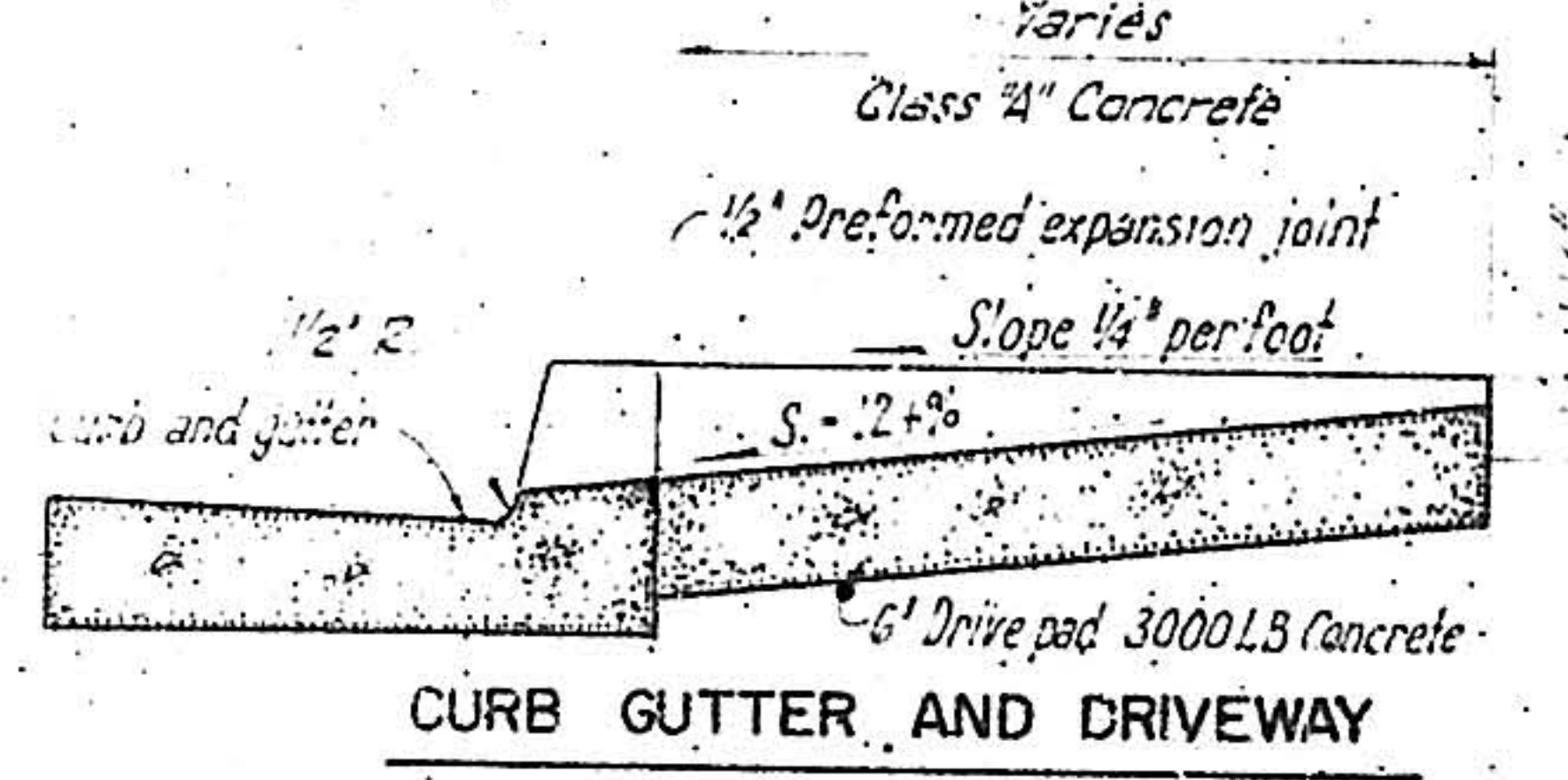
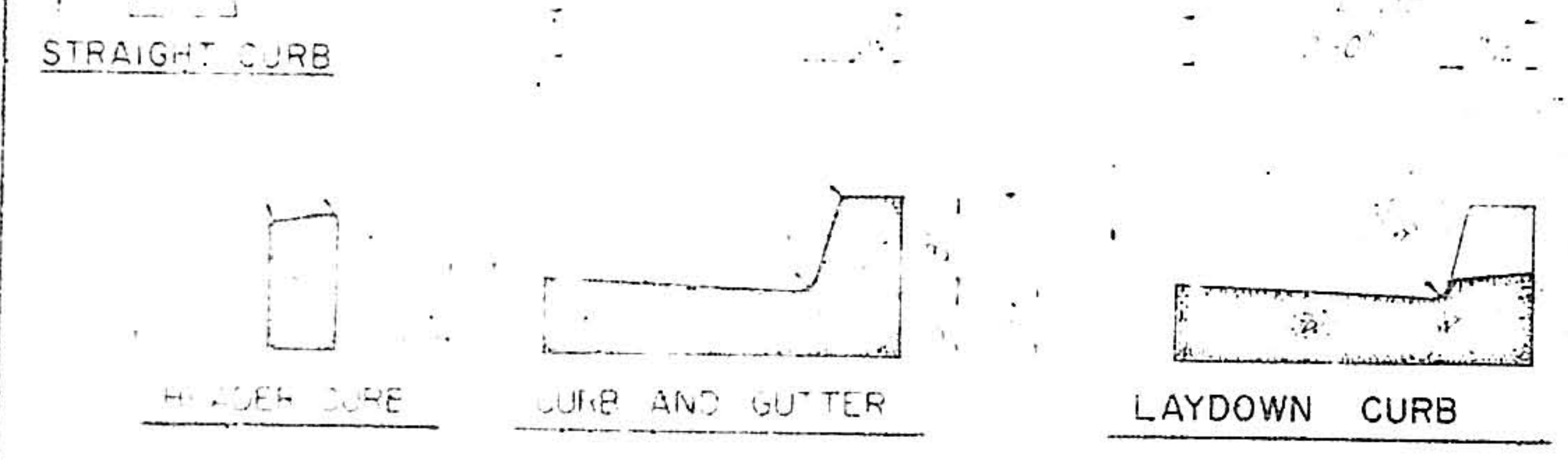
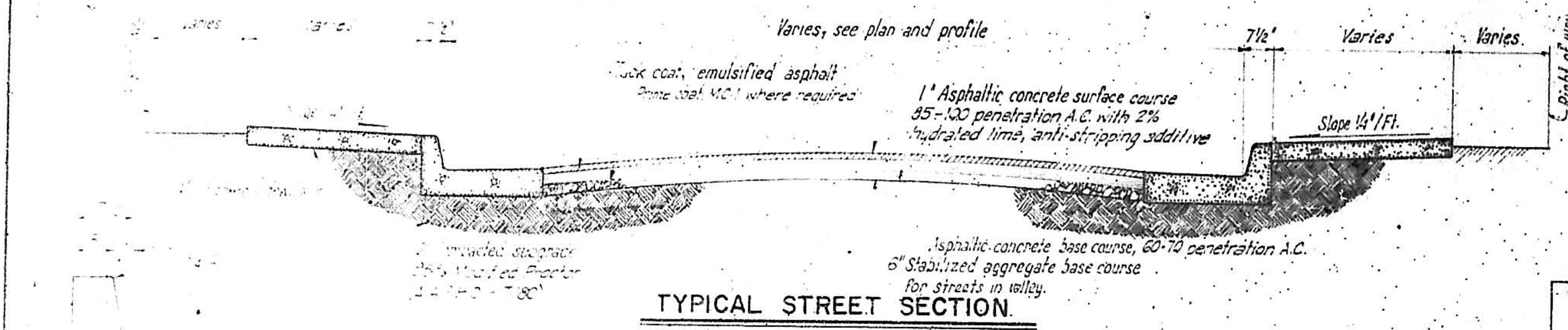
ALBUQUERQUE, NEW MEXICO
STORM DRAIN STANDARDS

PAVEMENT CUT AND MANHOLE DETAILS

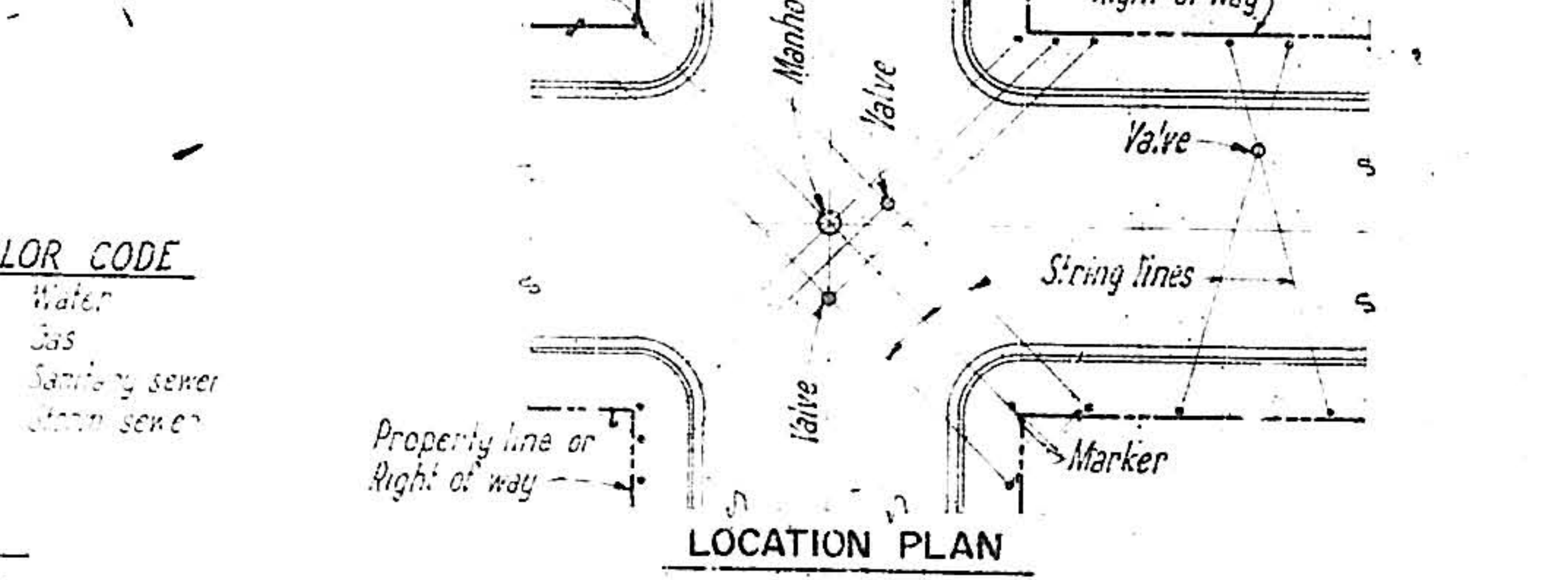
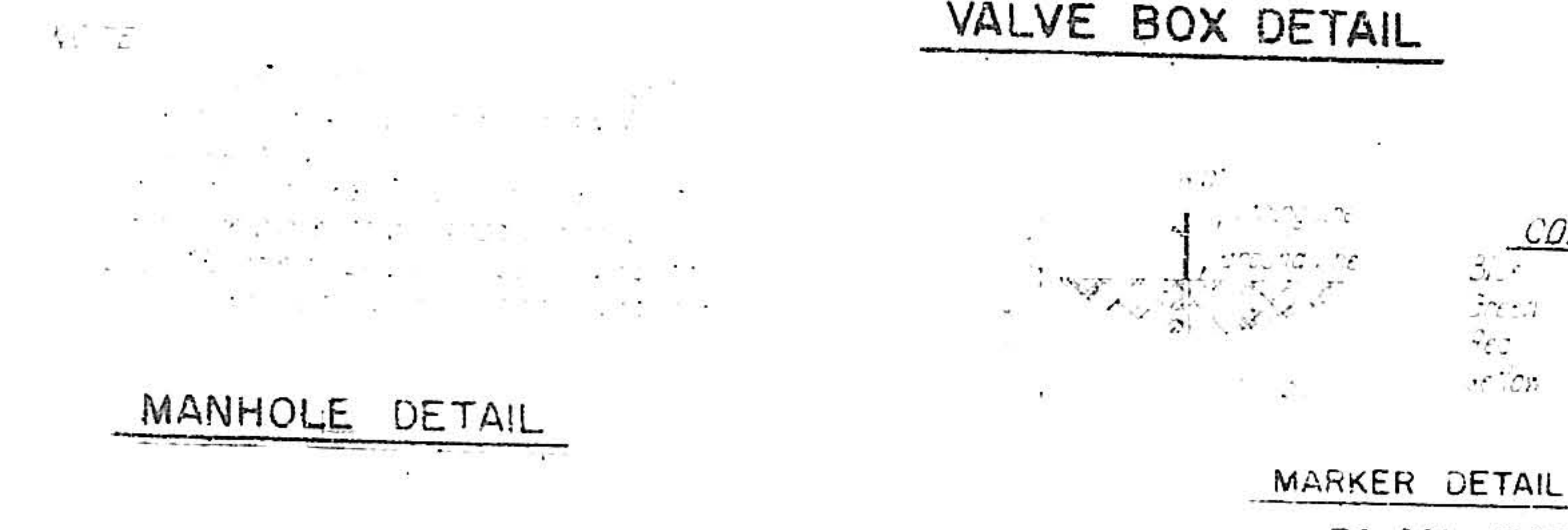
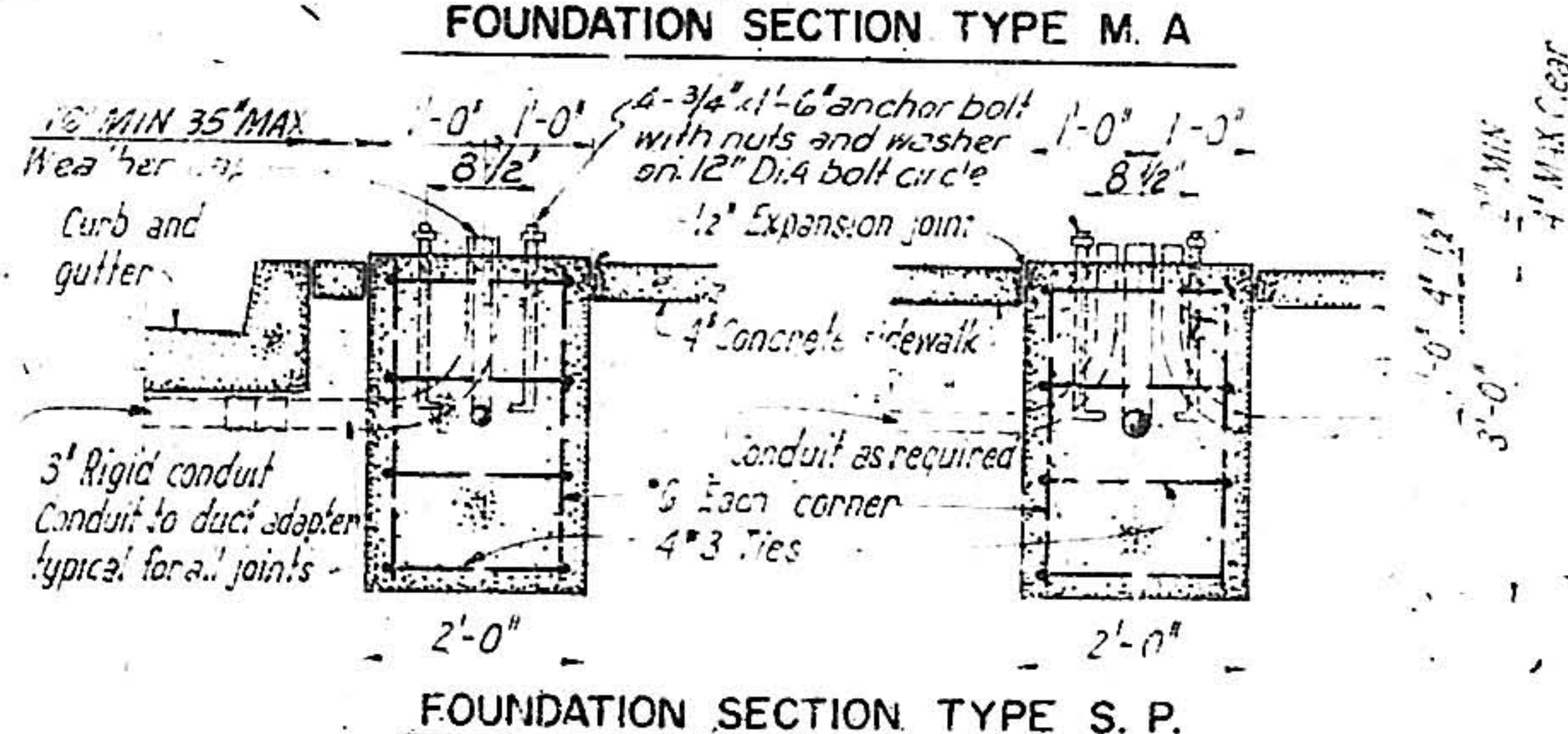
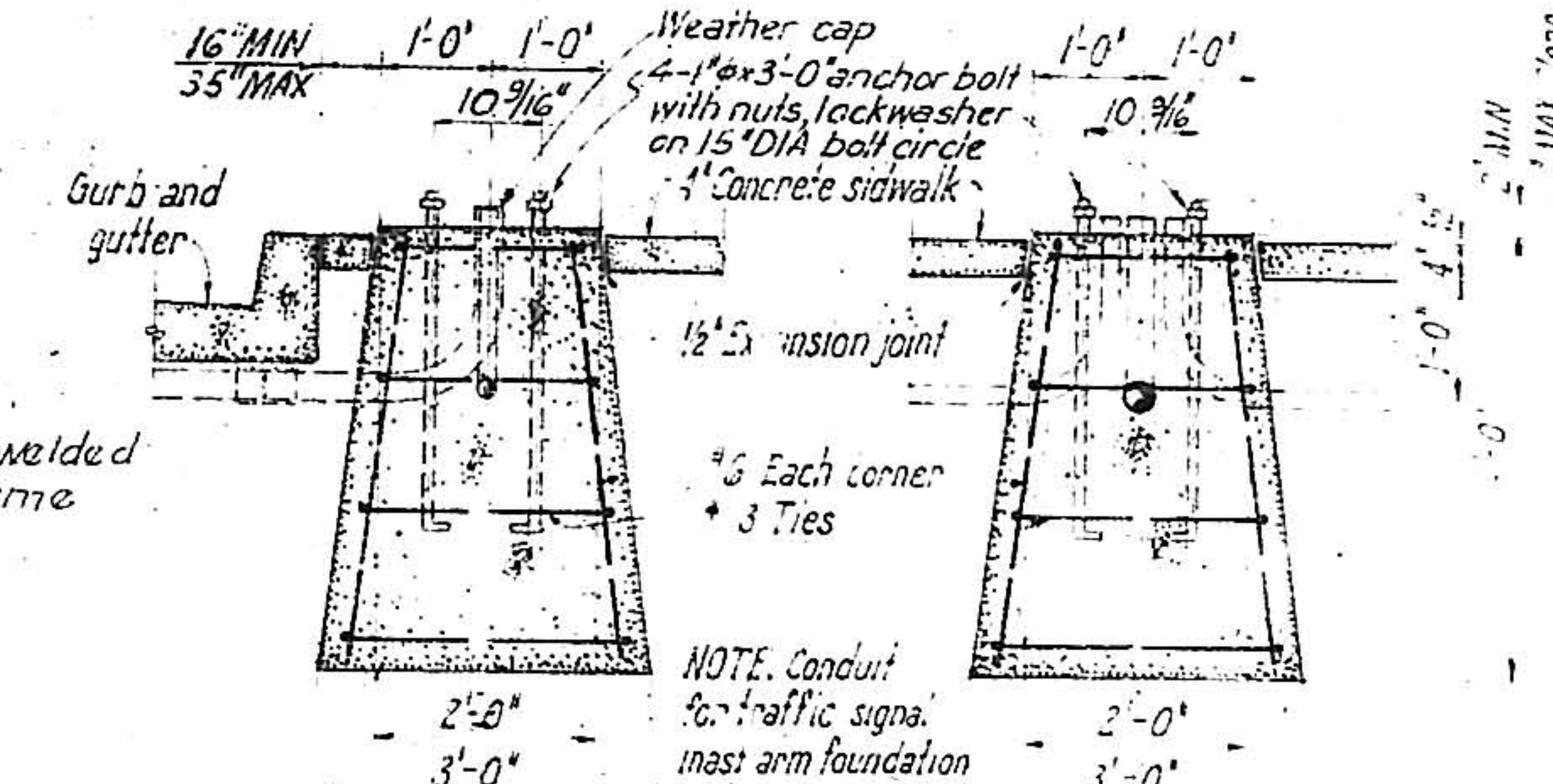
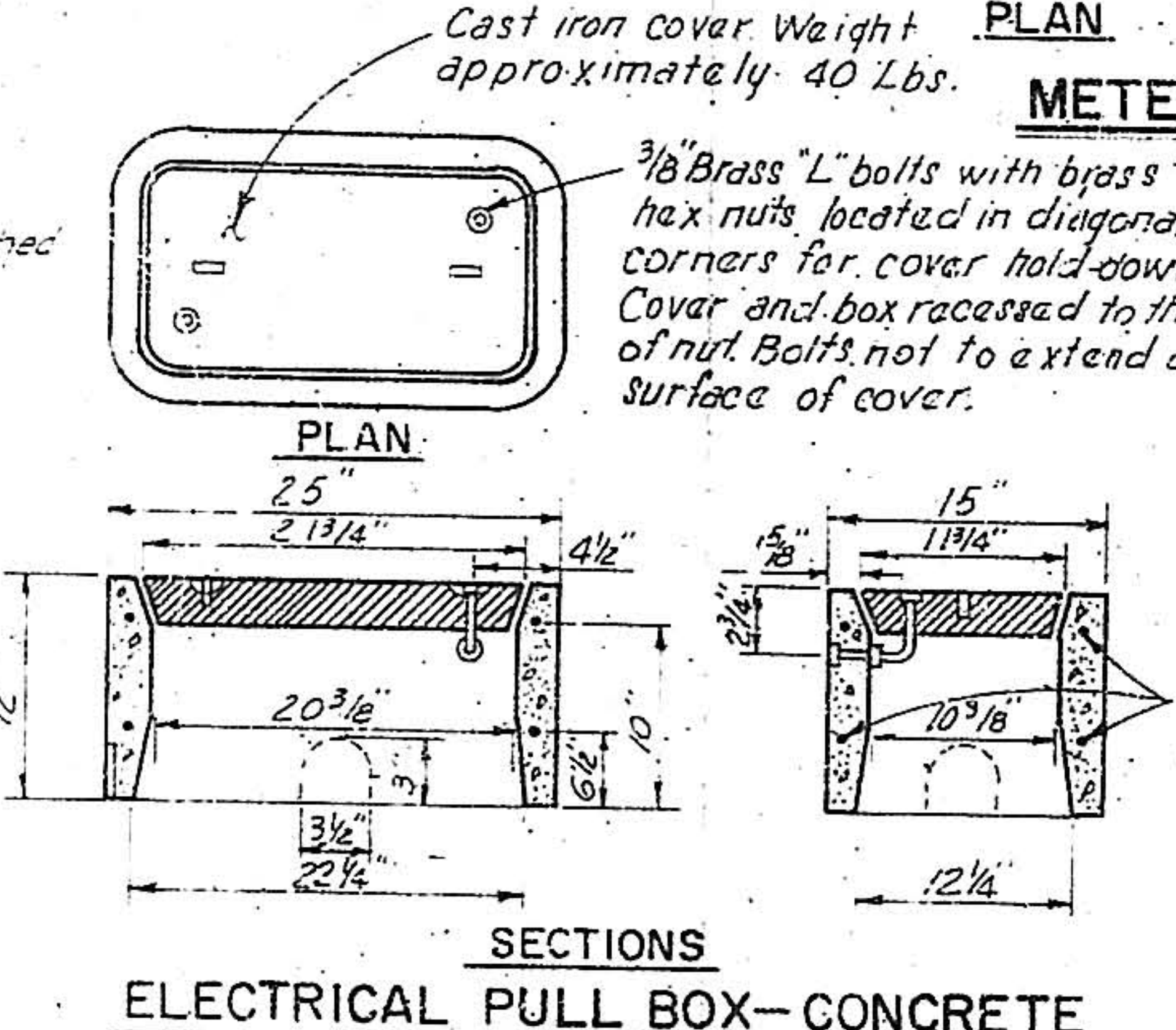
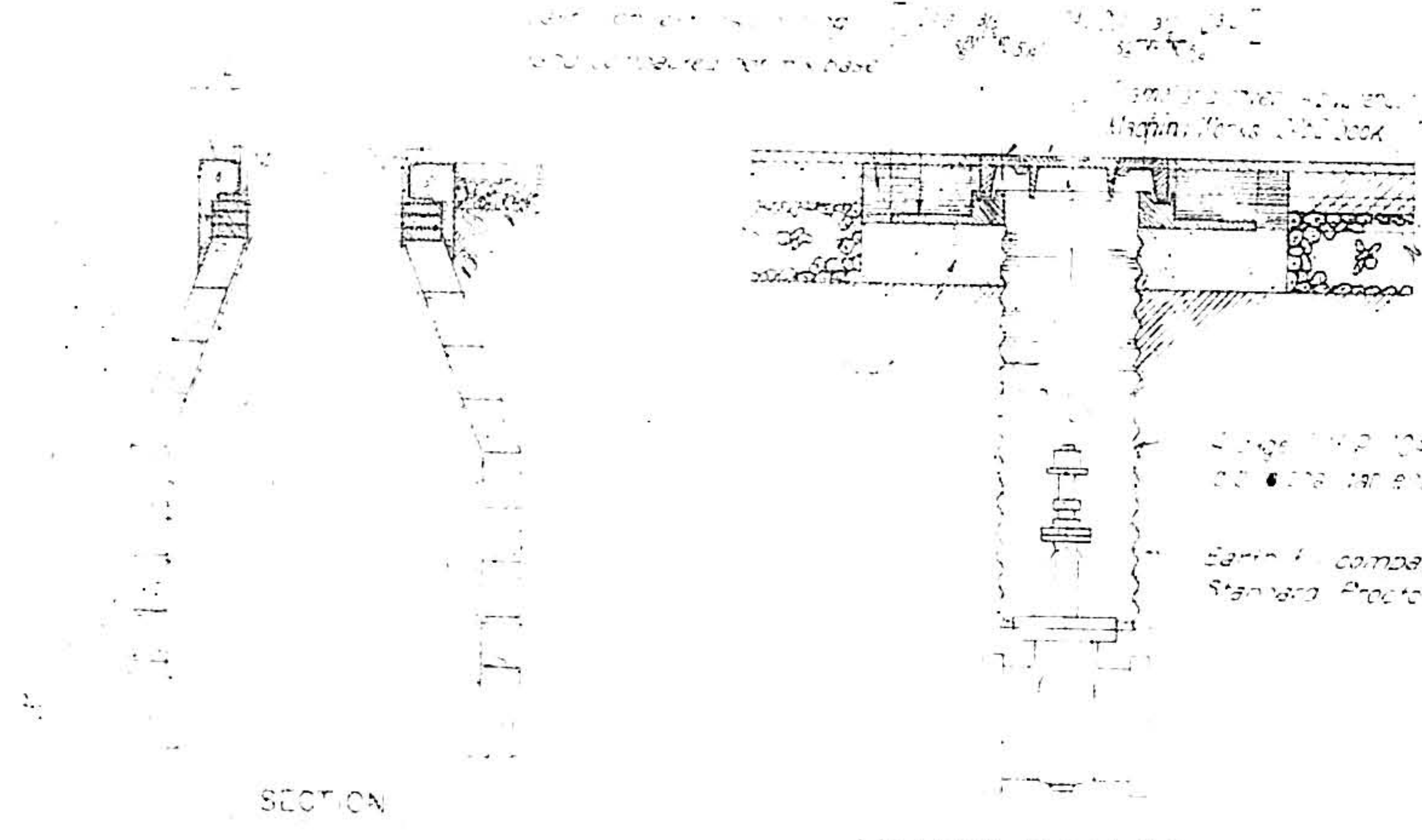
GORDON HERKLNHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

SCALE: AS SHOWN
DATE: NOV. 1956
DRAWN: R.A.G.
CHECKED: G.A.J.

SHEET 3 OF 10

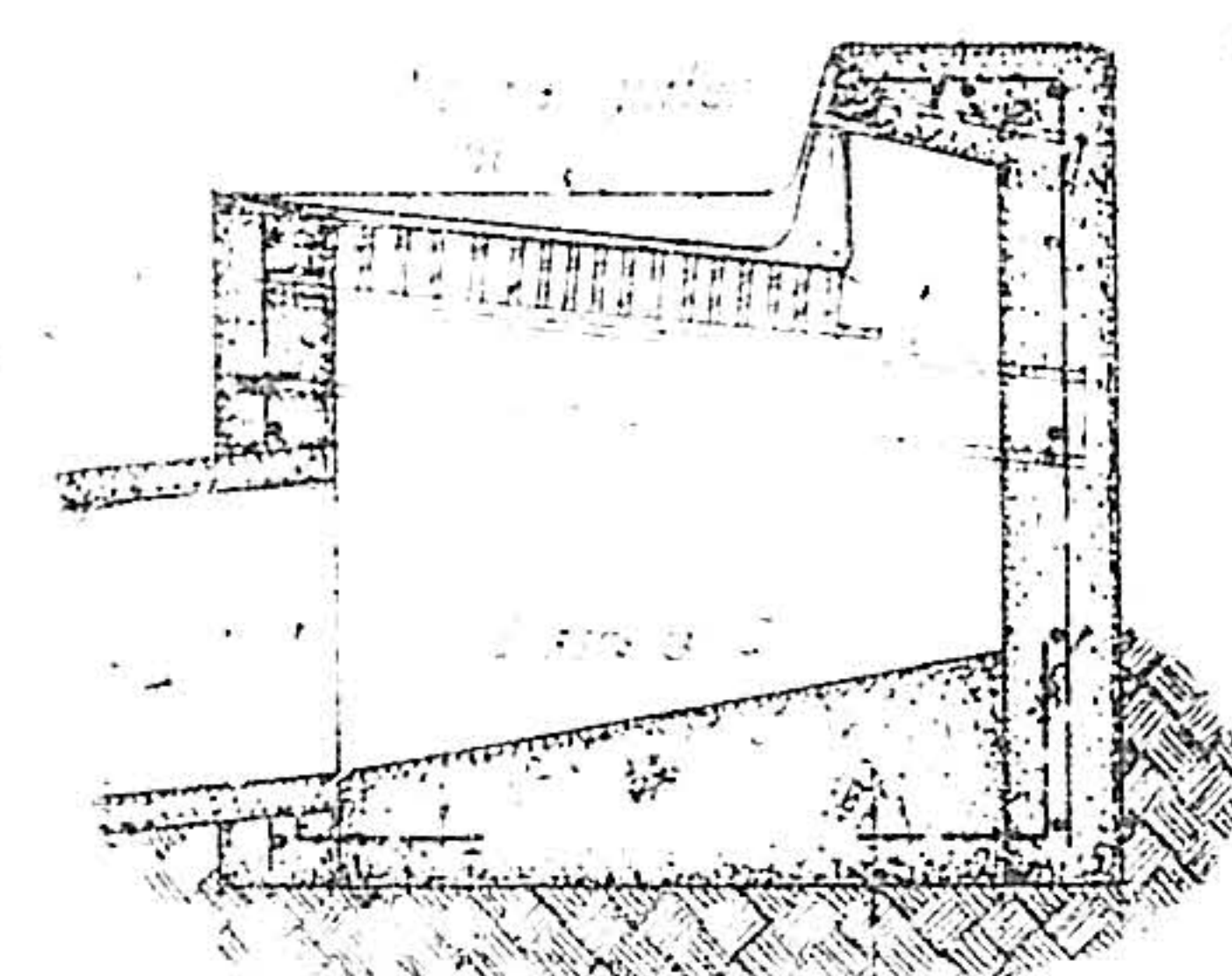
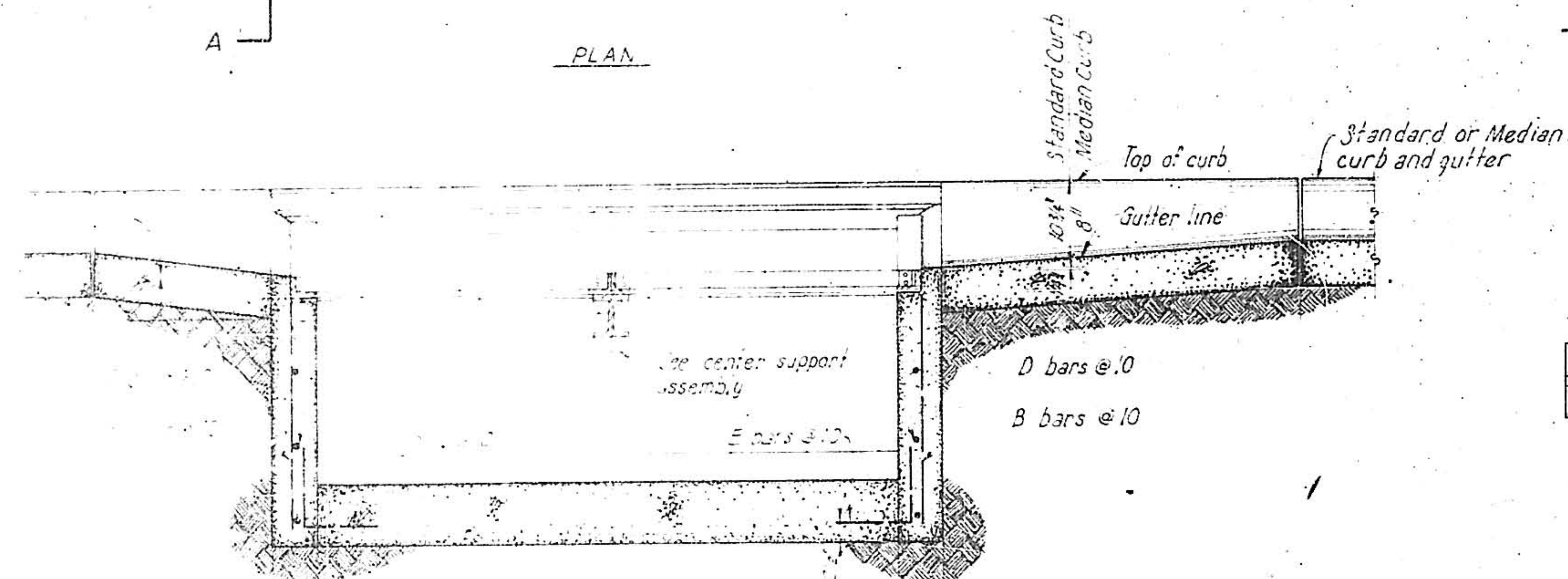
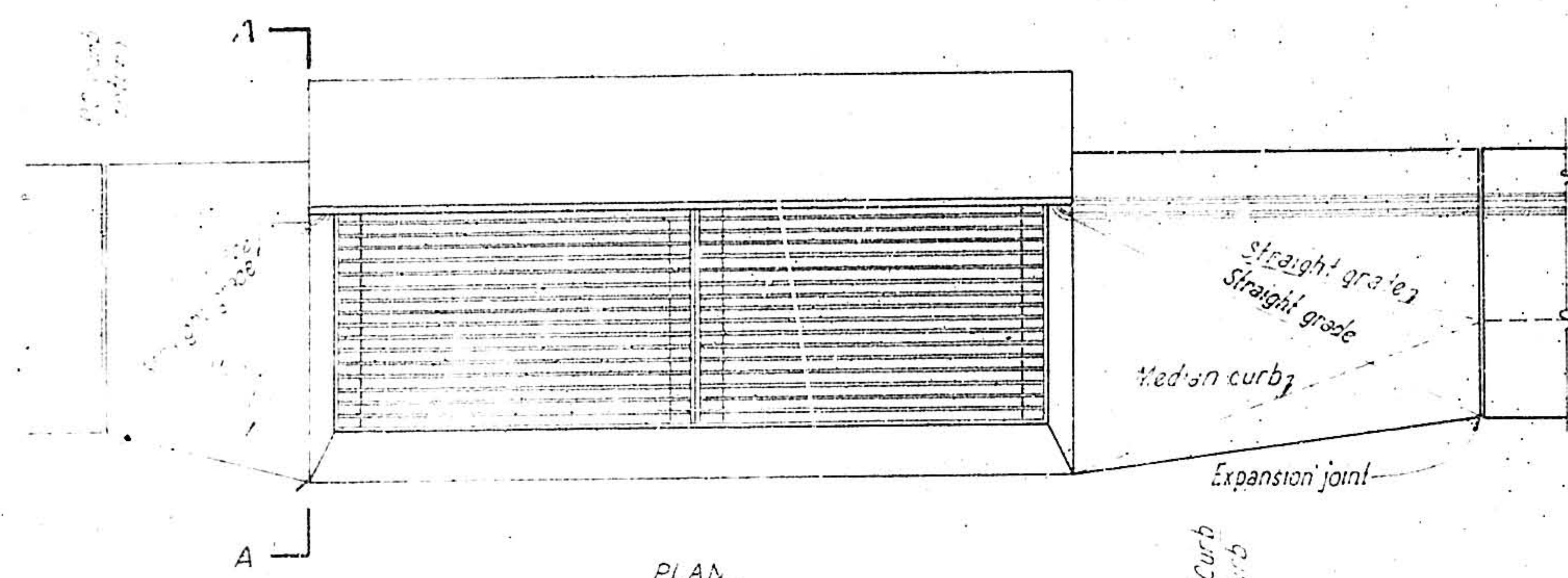


DIM.	Sidewalk Plate	Driveway Plate
A	2'-0 1/4"	2'-2"
B	1'-6 3/8"	1'-8 1/4"
C	1 3/4"	1 3/4"
D	3 3/8"	3 3/8"
E	3 3/8"	3 3/8"
F	1'-2"	2'-2"
G	1'	2'
H	Varies	Varies

[illegible]

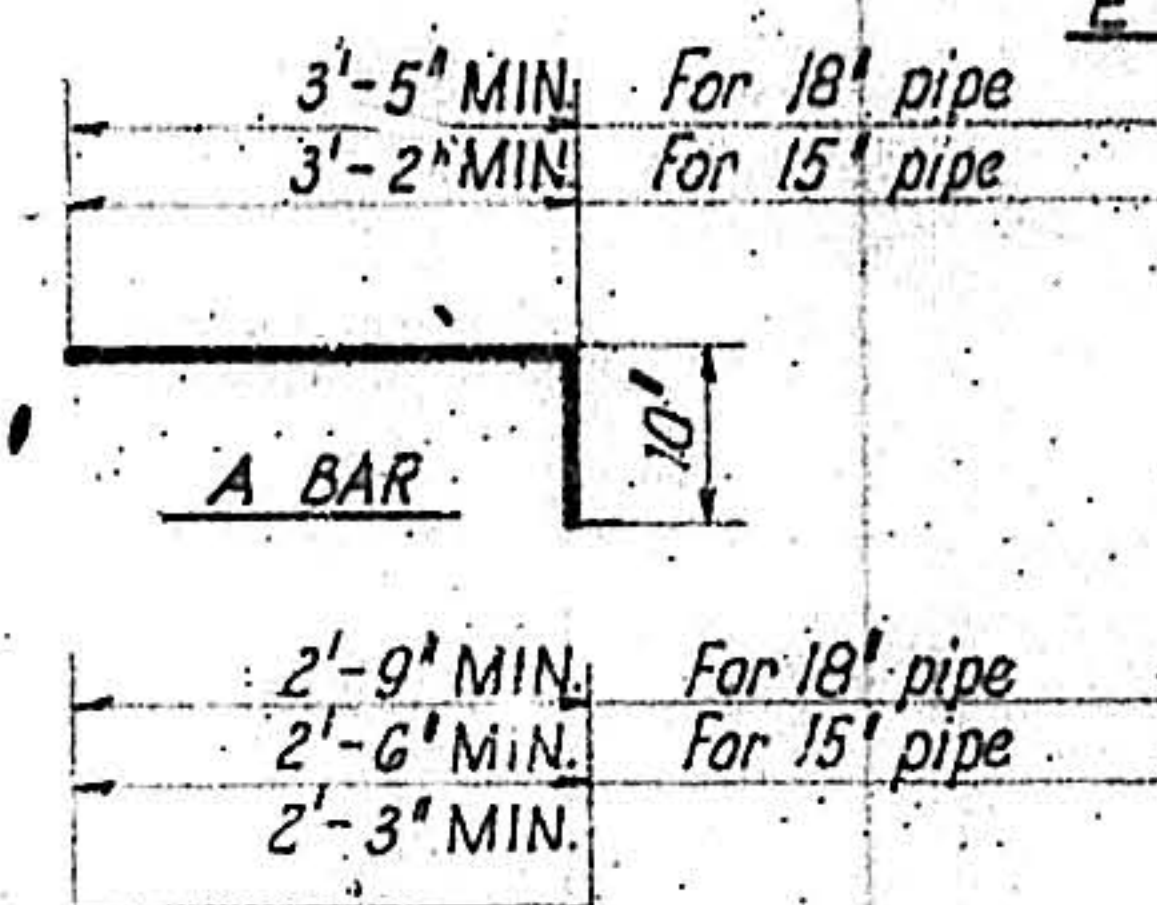
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1	0		7	0	4				0	4	7	0						1	0										
08																													

AS CONSTRUCTED ALBUQUERQUE, NEW MEXICO PAVING STANDARD			
RESIDENTIAL STREET PAVEMENT DETAILS			
GORDON HERKENHOFF & ASSOCIATES, INC. CONSULTING ENGINEERS			
ALBUQUERQUE		NEW MEXICO	
SCALE	DATE	DRAWN: A.O.H.	SHEET 4
NOT TO SCALE		CHECKED: G.A.J.	OF 10.



DOUBLE C INLET

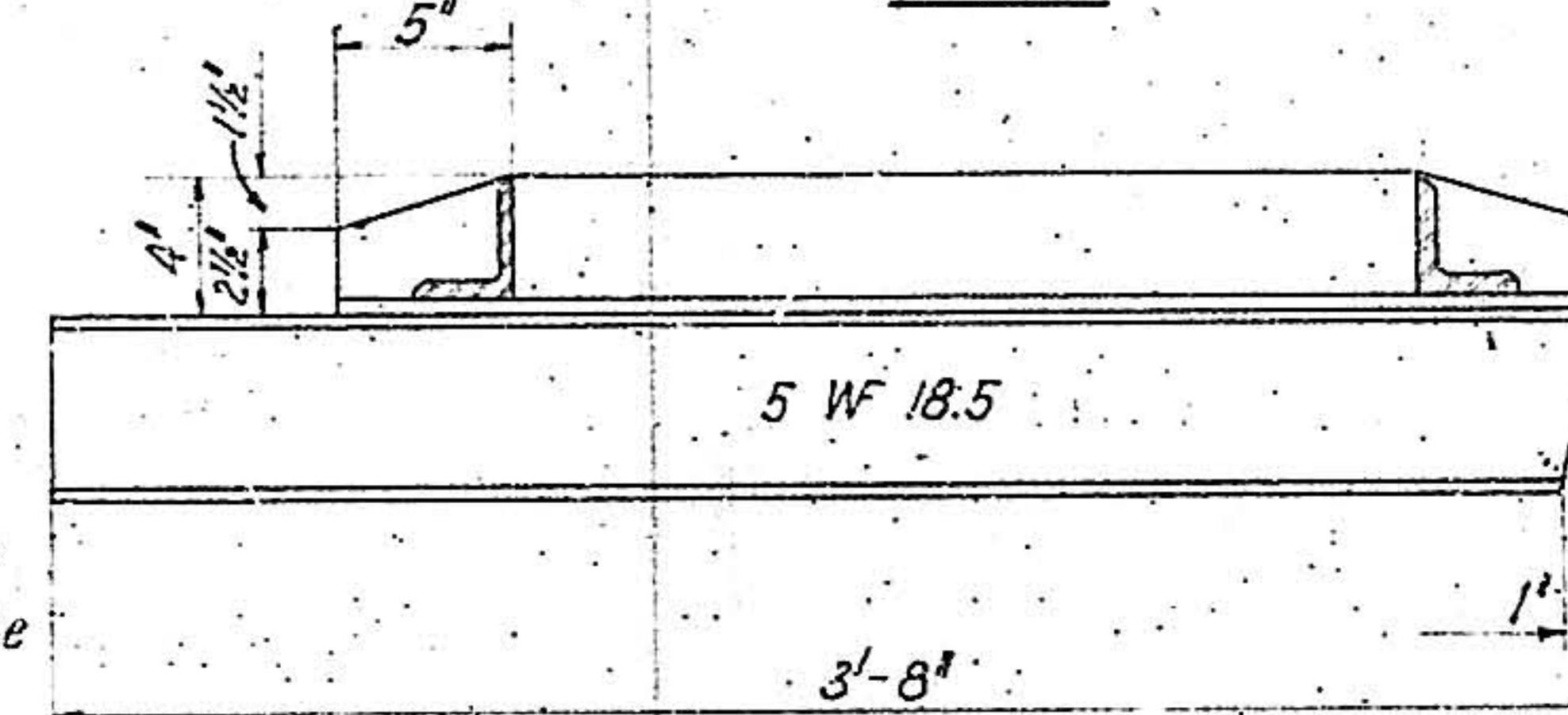
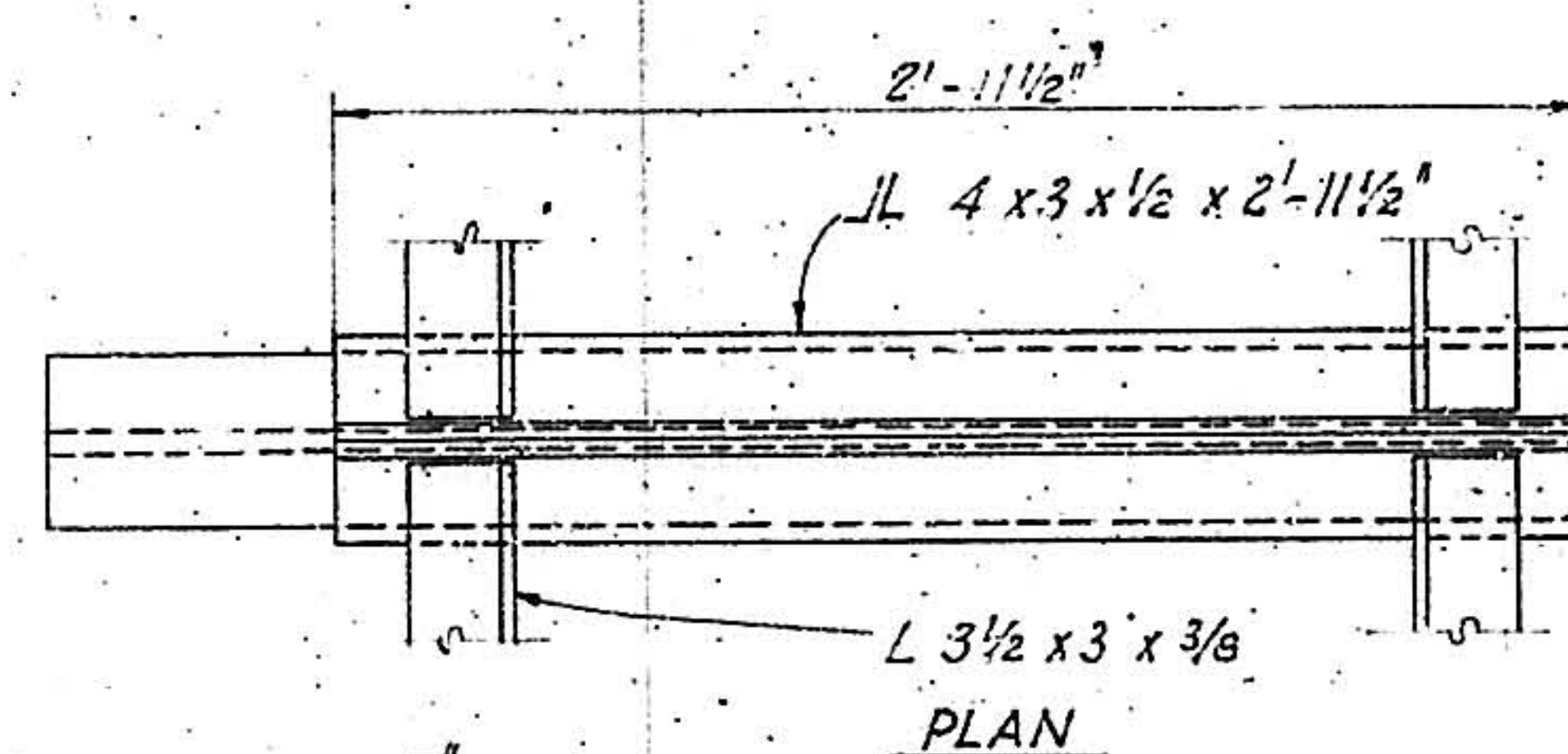
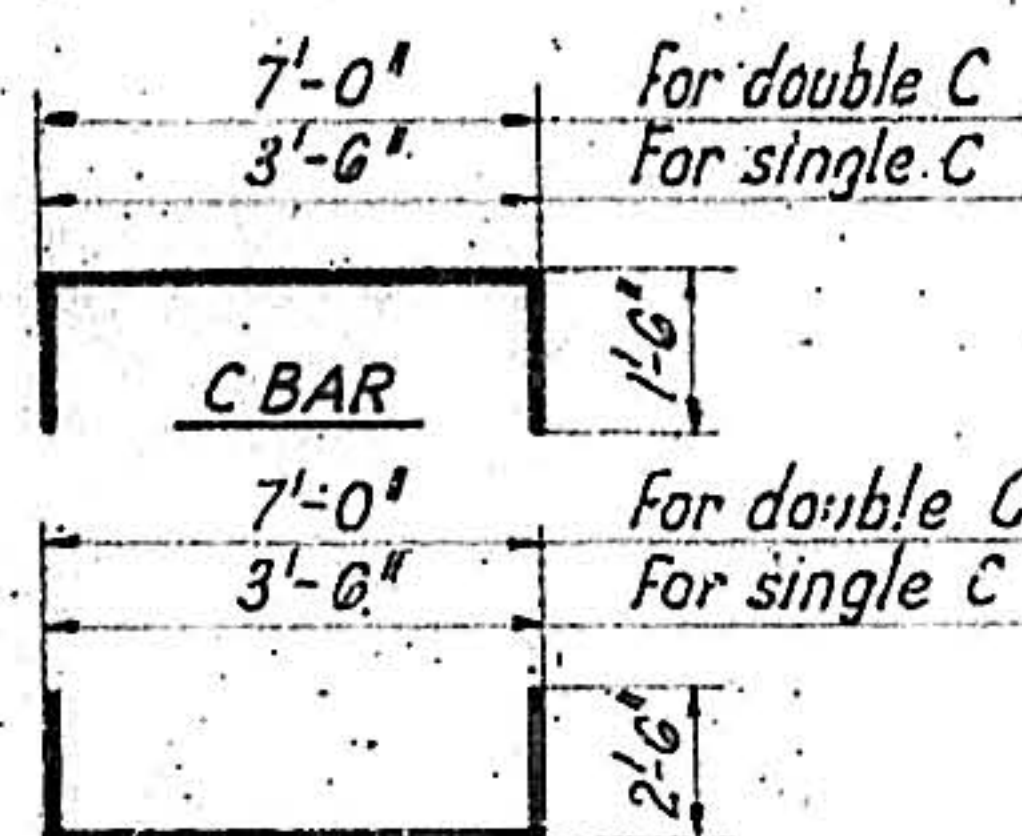
ANCHOR DETAIL



NOTE: All bars to be #4

BAR BENDING DETAILS

Not to scale

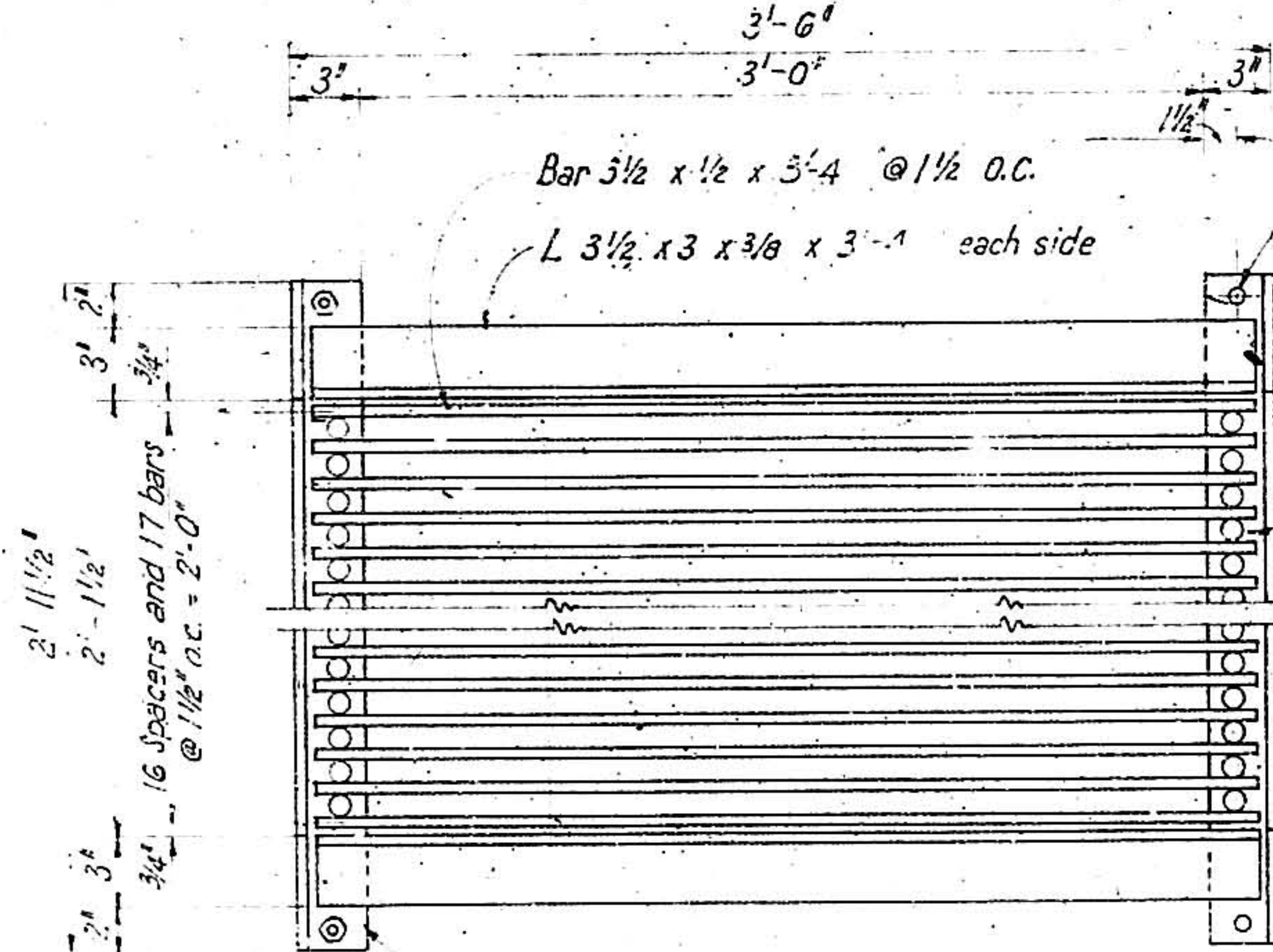
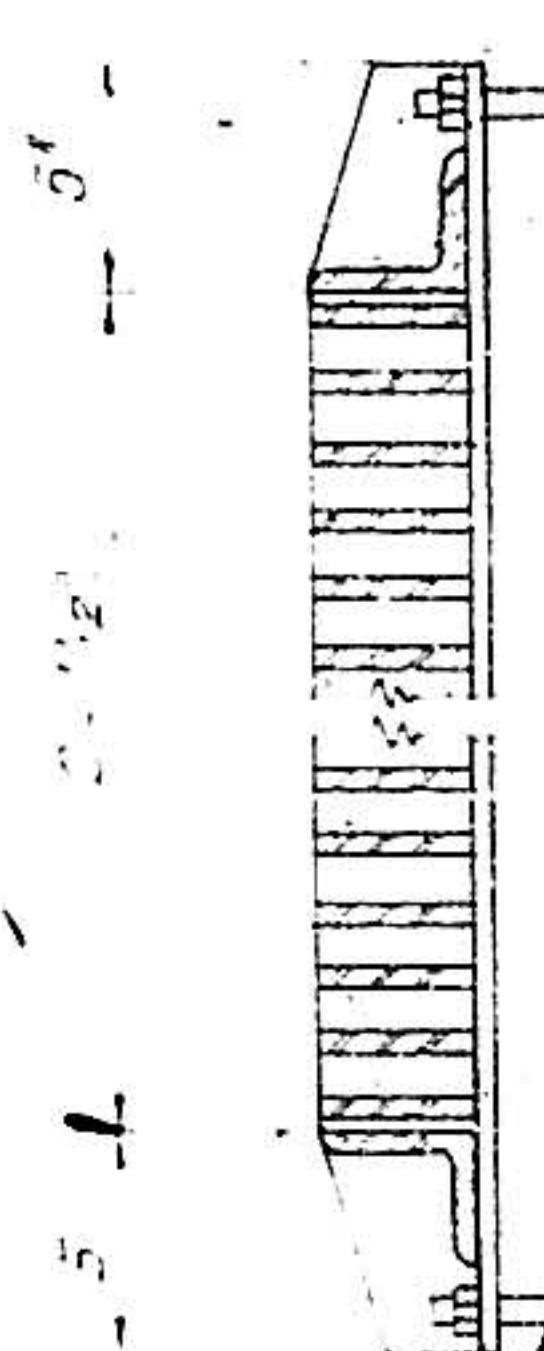


CENTER SUPPORT ASSEMBLY

Scale: 1/2" = 1'-0"

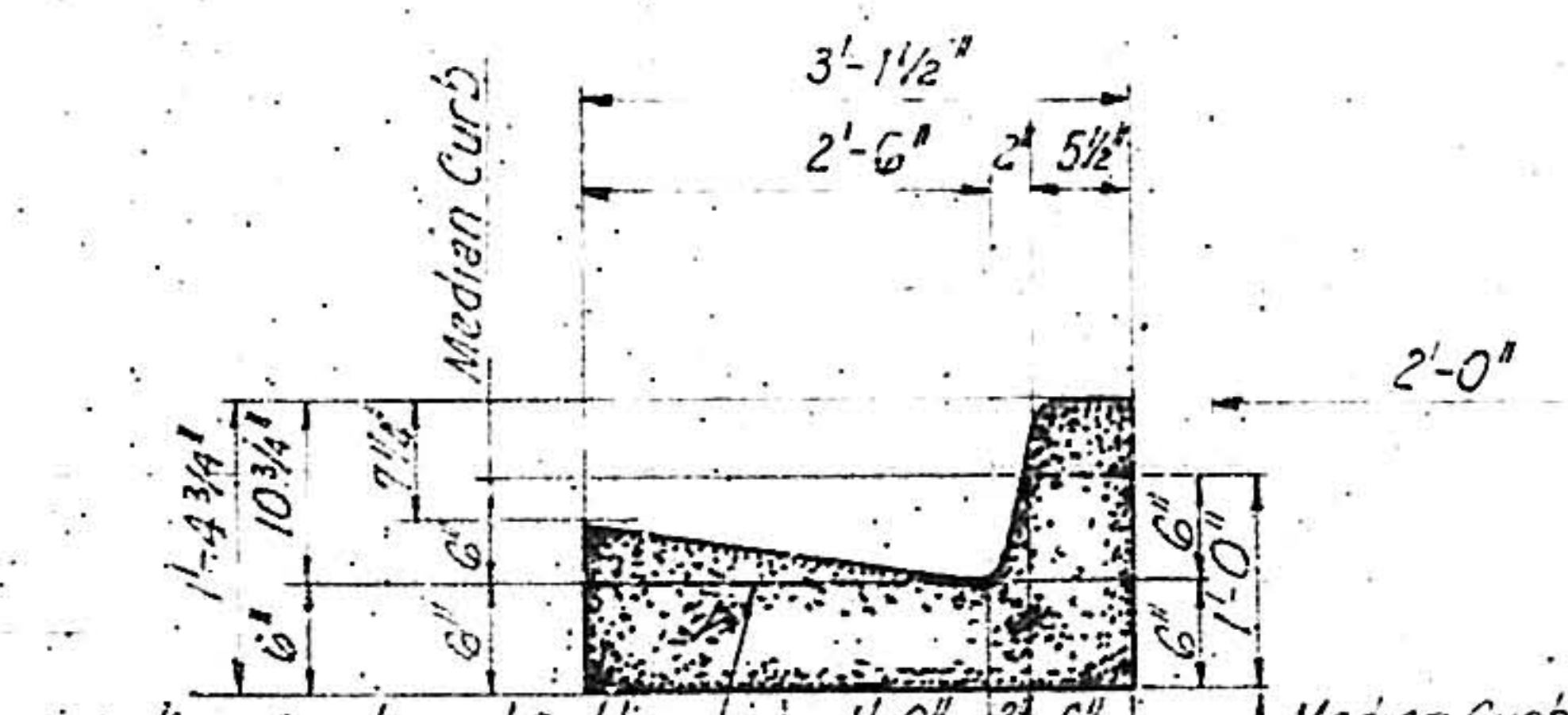
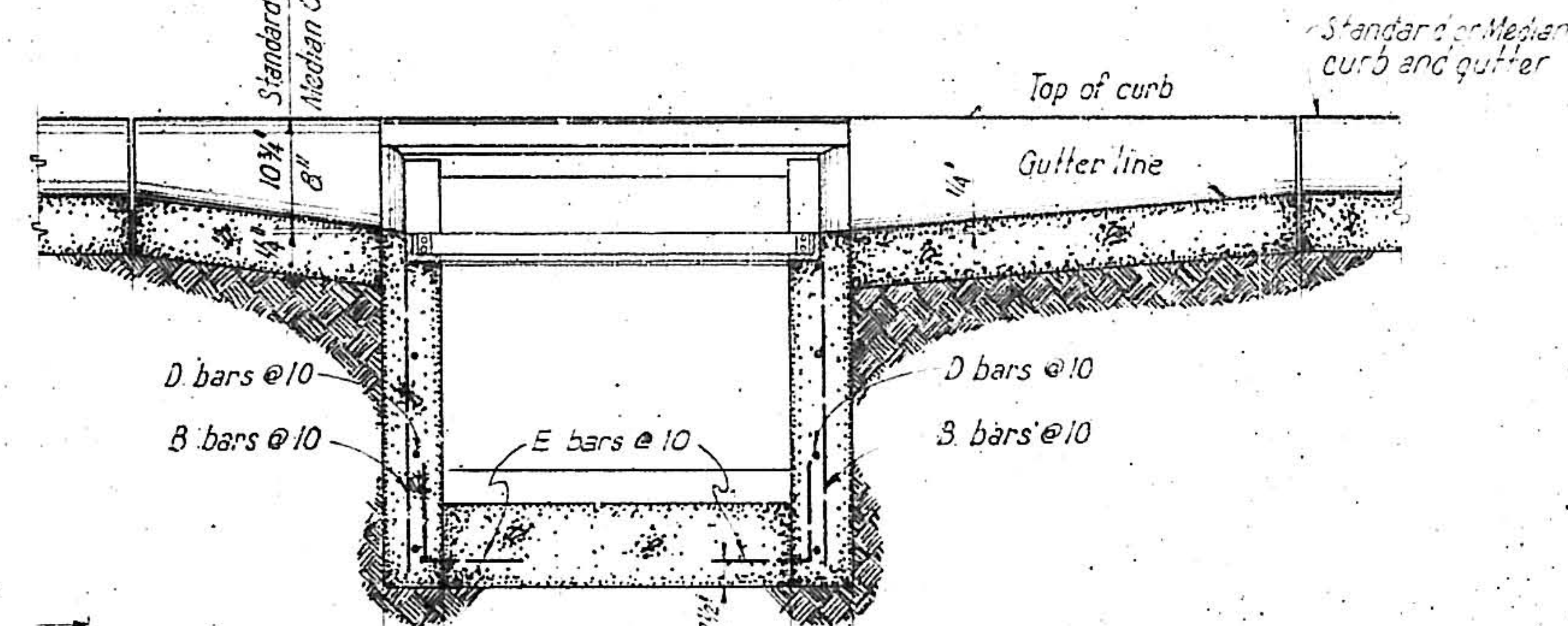
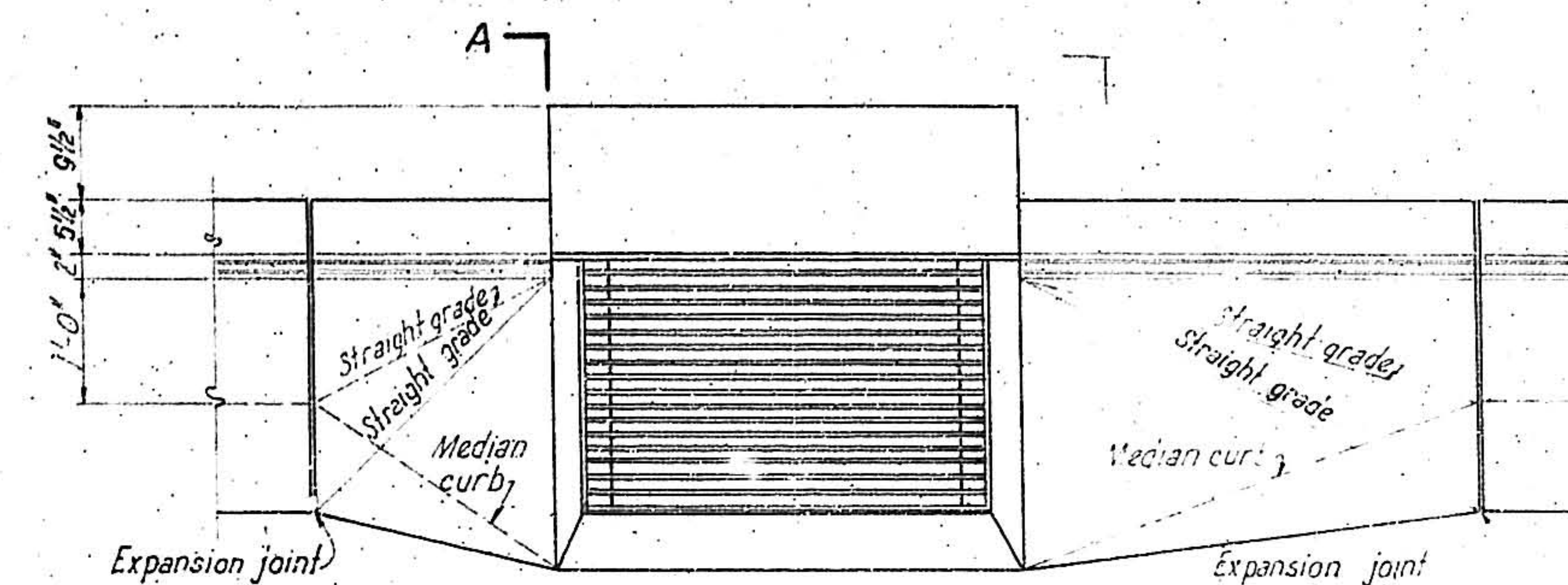
STEP DETAIL

Scale: 3/4" = 1'-0"



FRAME AND GRATING DETAILS

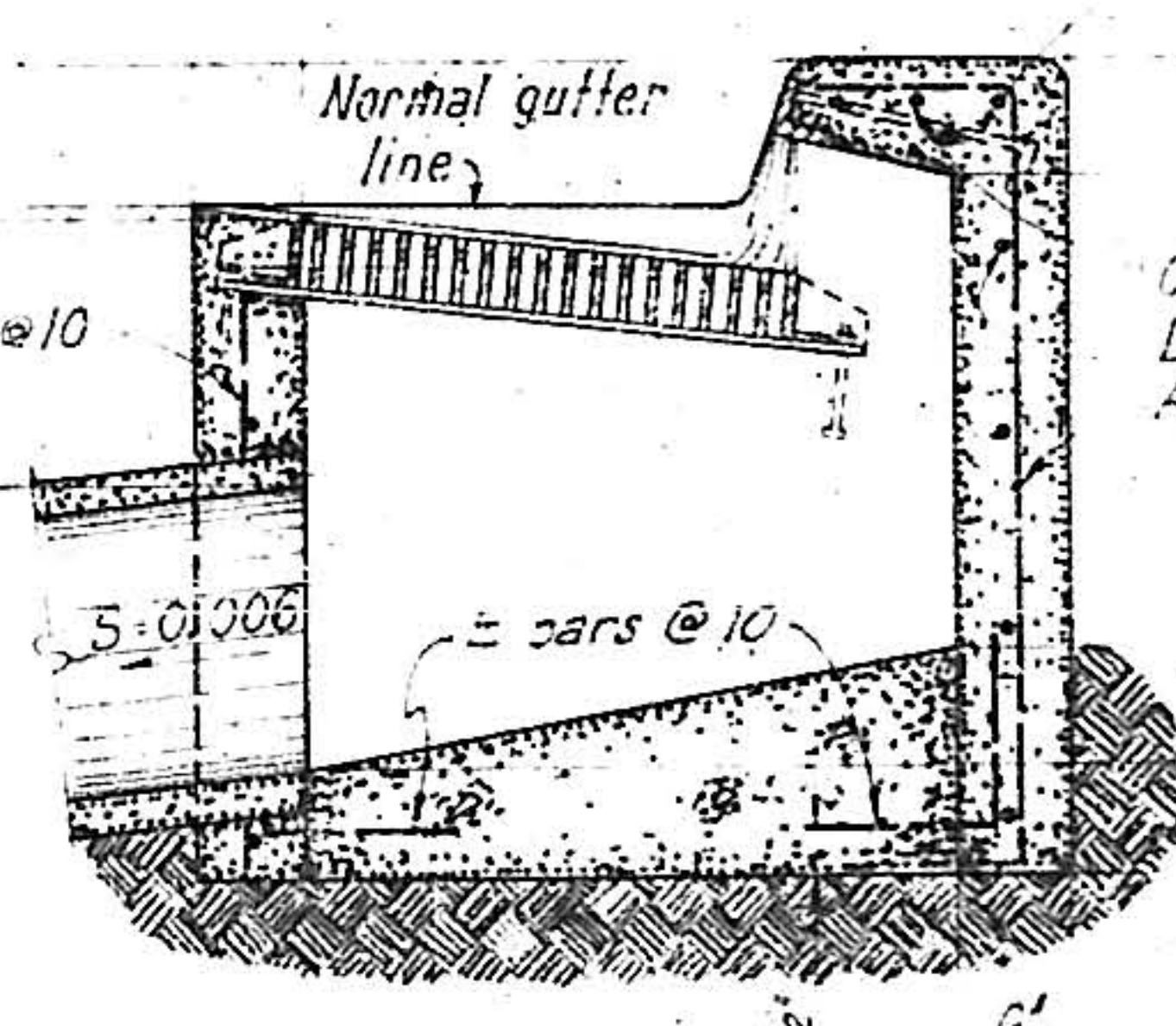
Scale: 1/2" = 1'-0"



Scale: 3/4" = 1'-0"

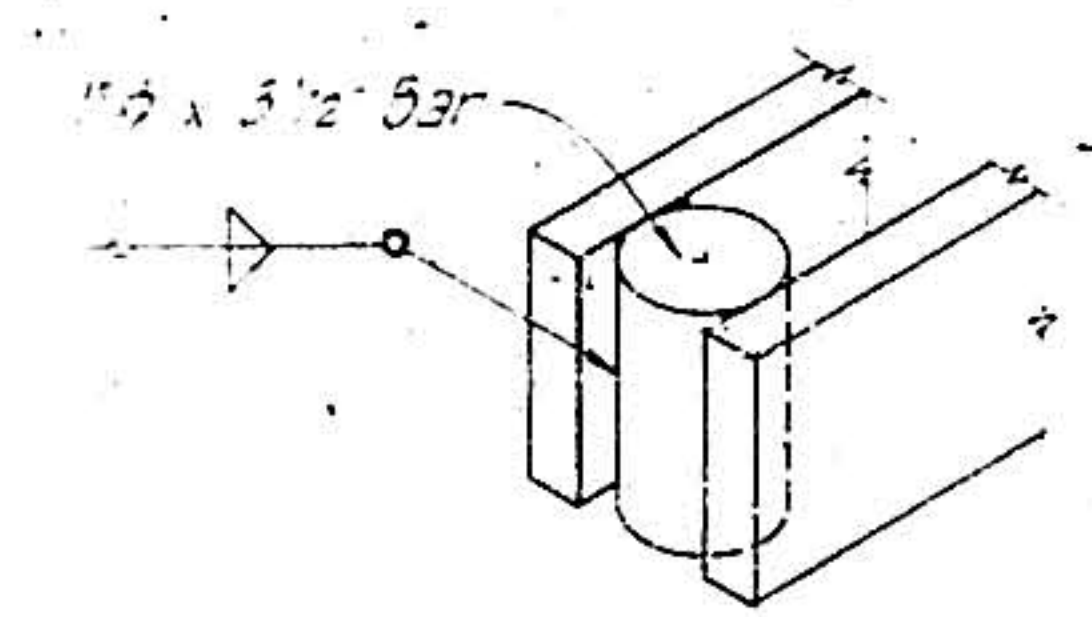
LONGITUDINAL SECTION

Scale: 3/4" = 1'-0"



SINGLE C INLET

Scale: 3/4" = 1'-0"

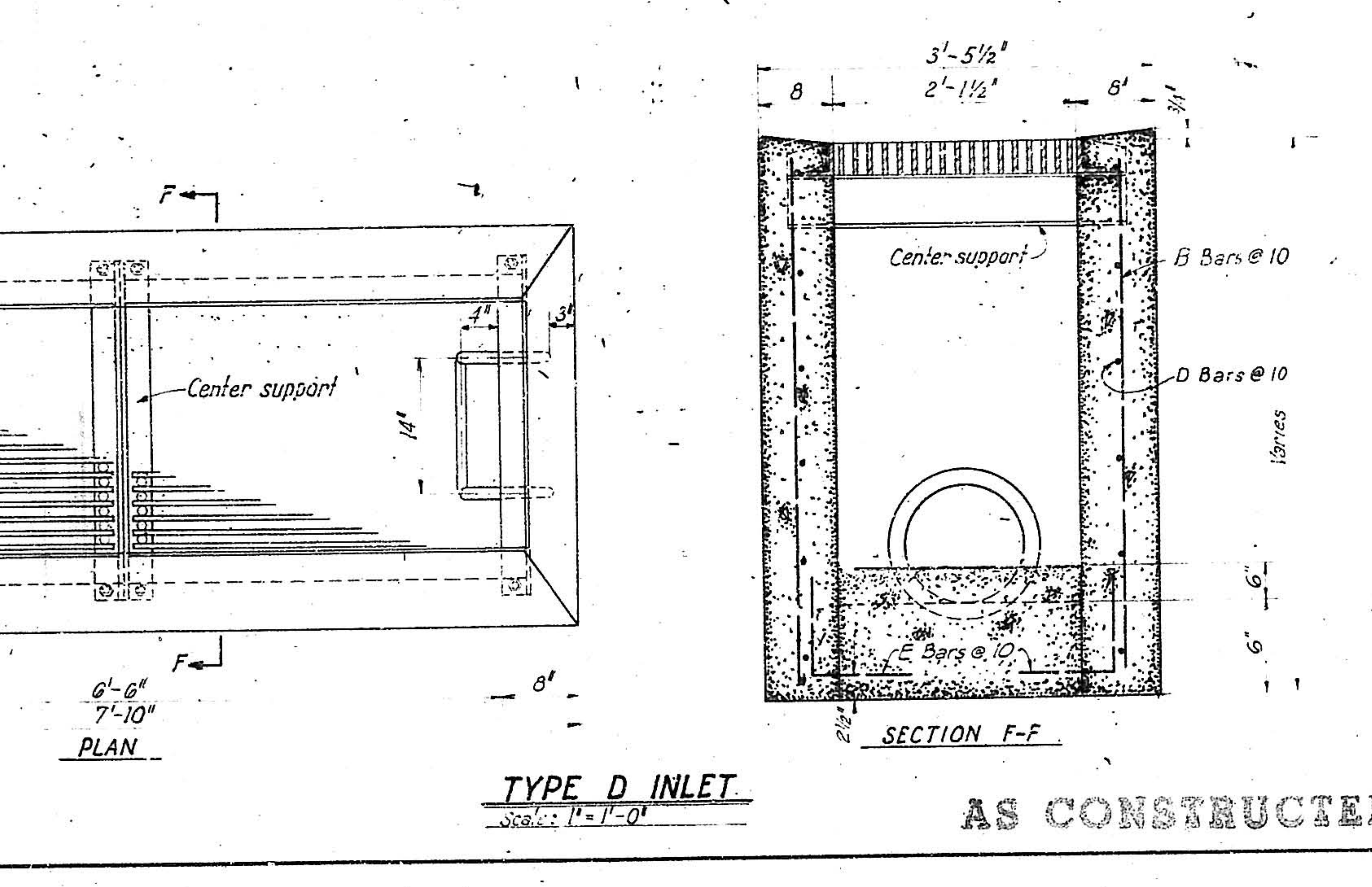
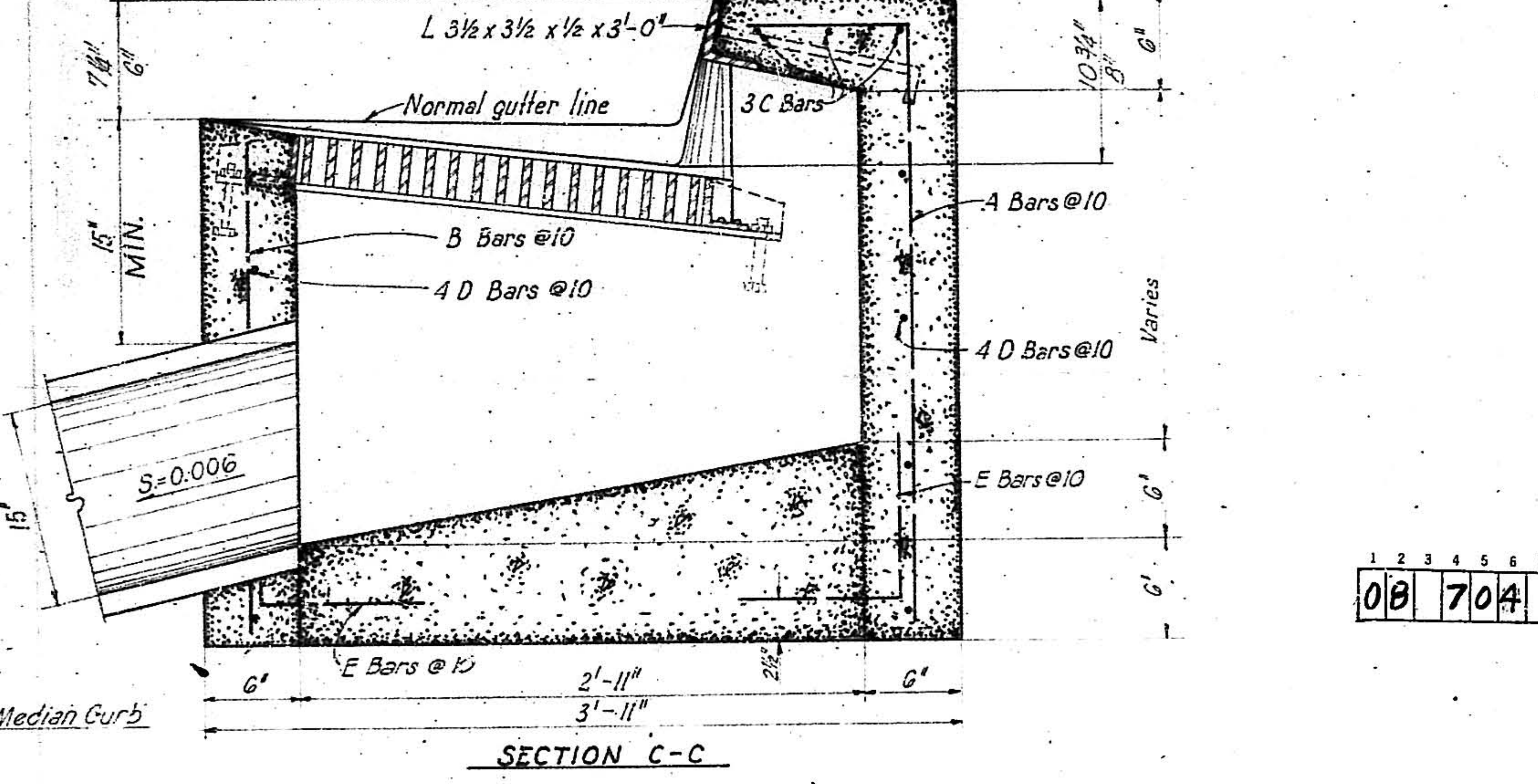
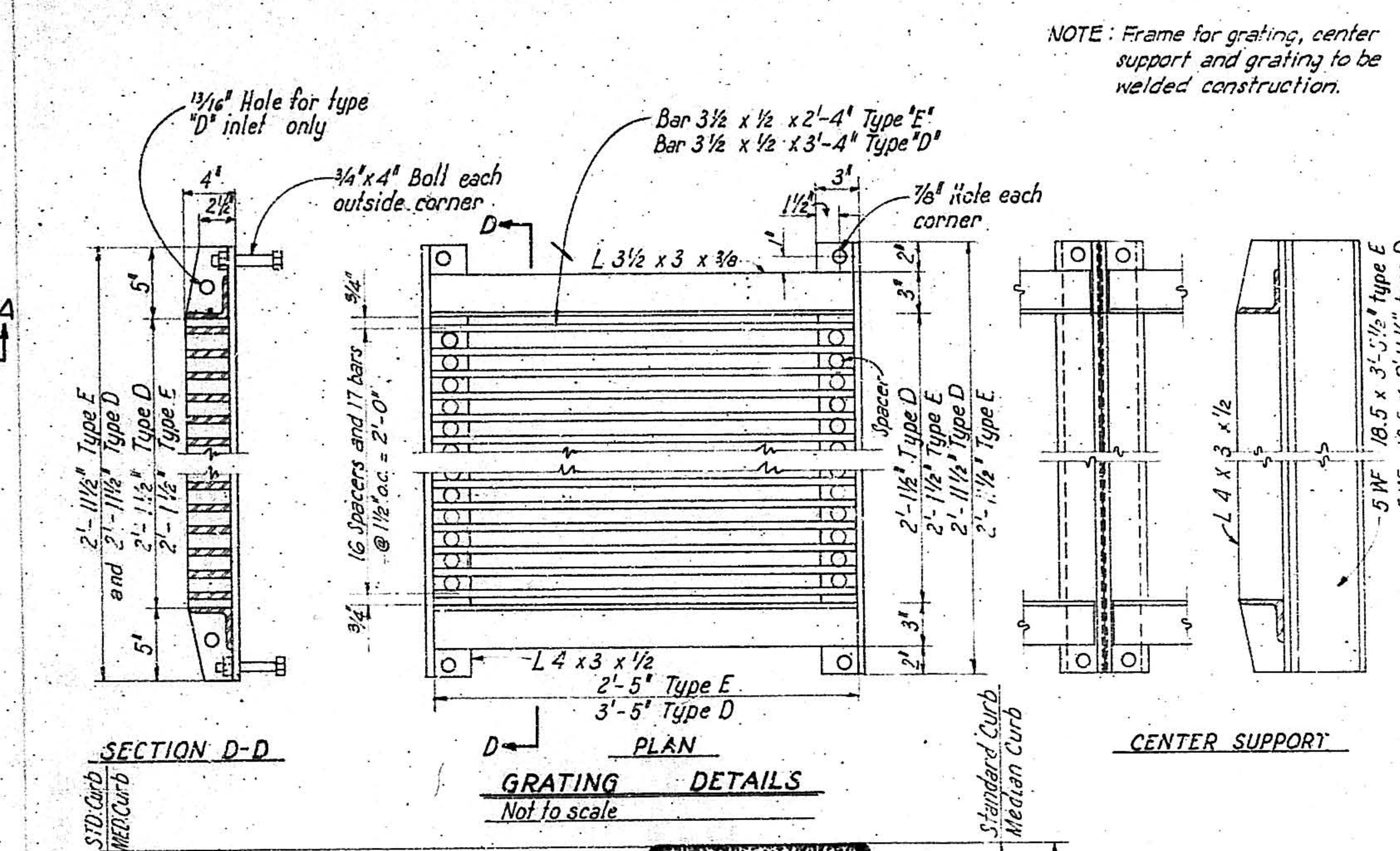
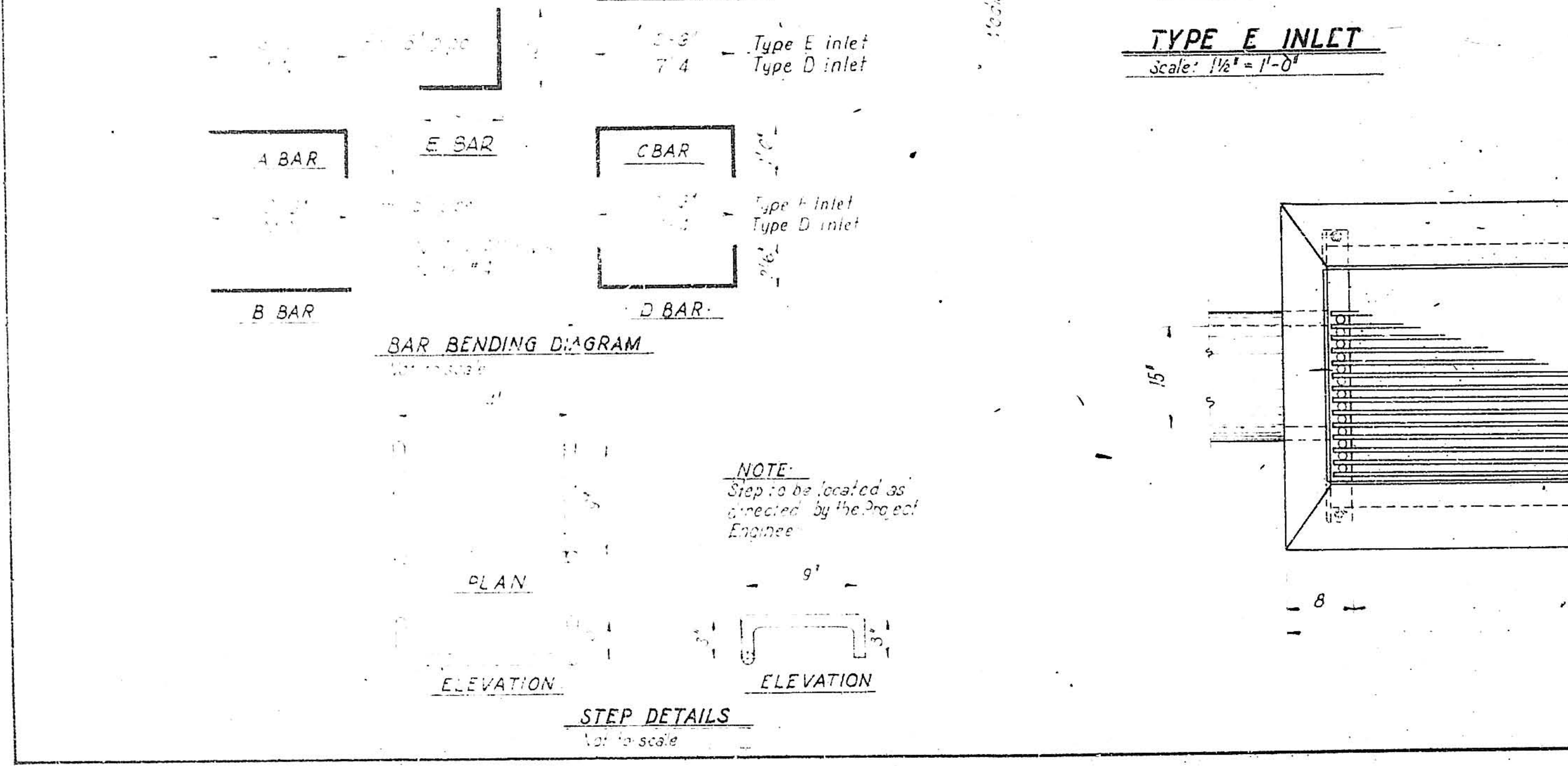
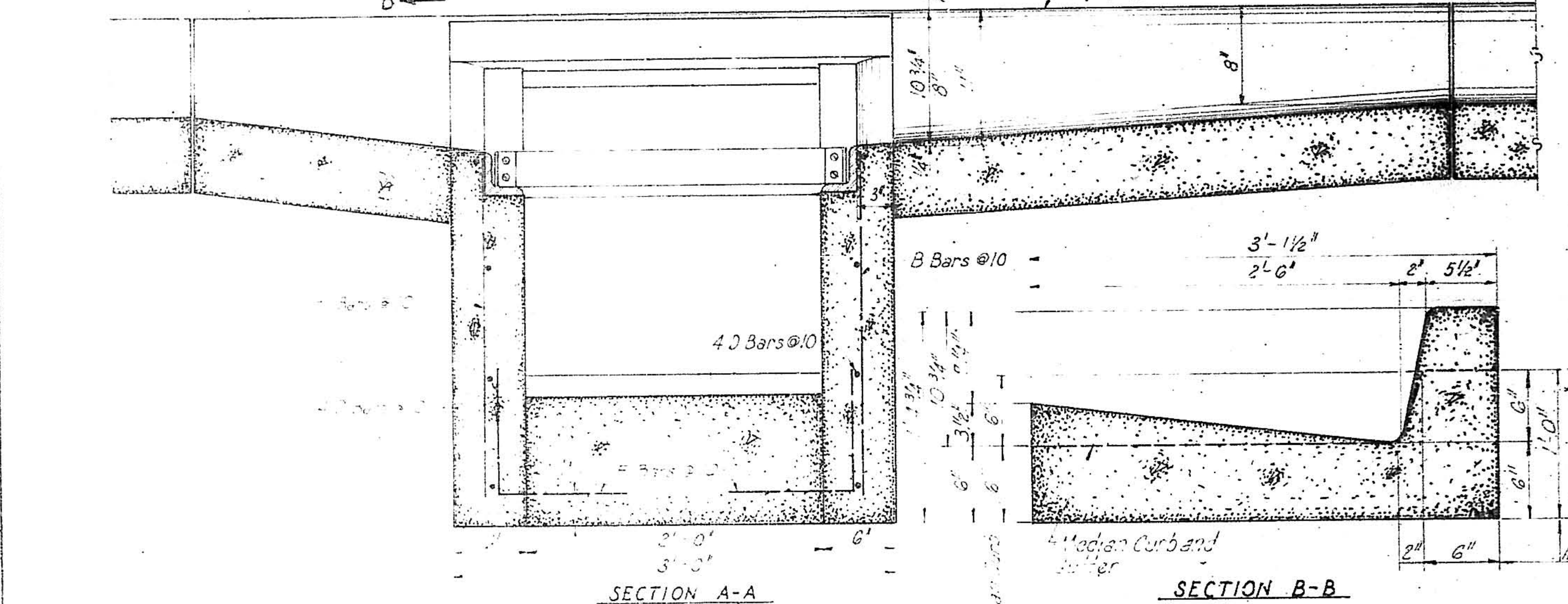
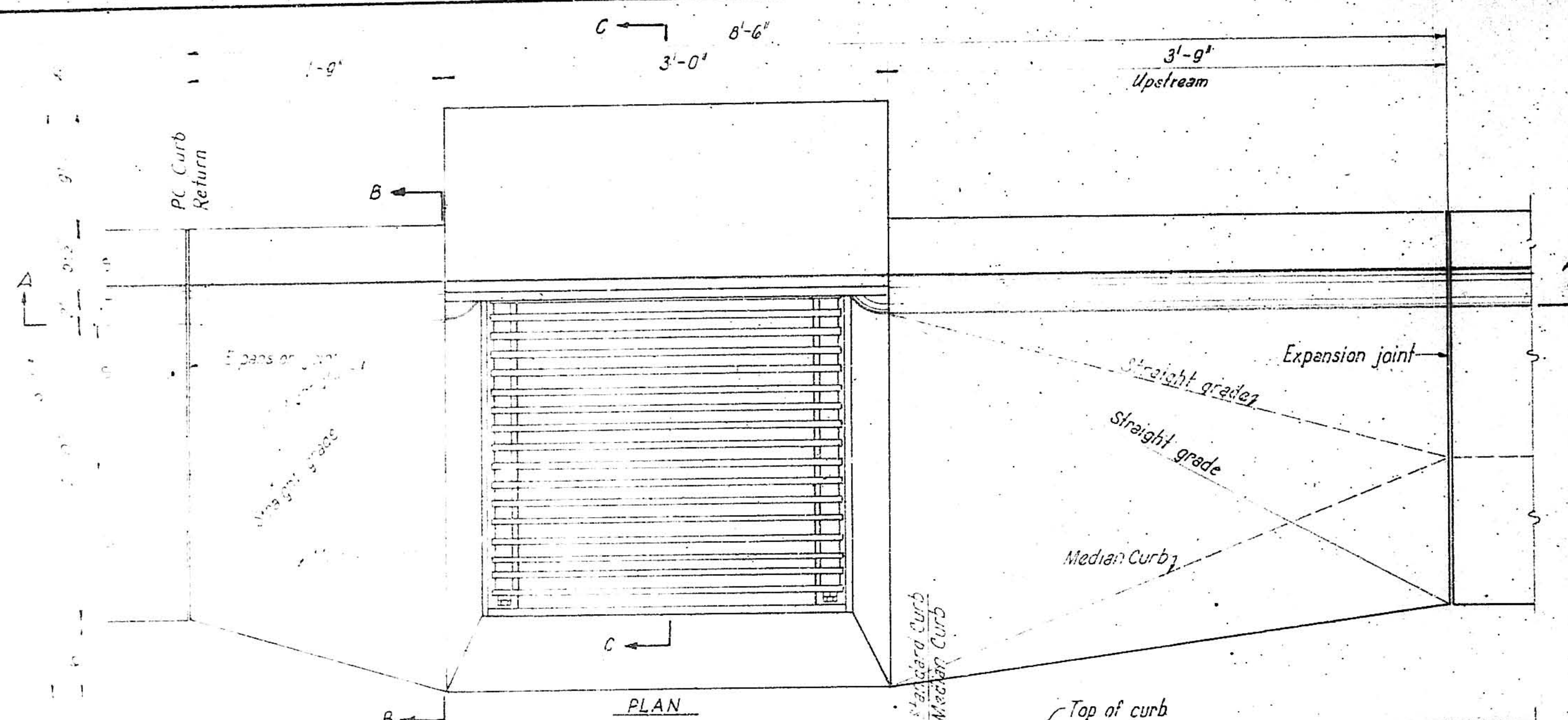


SPACER DETAIL

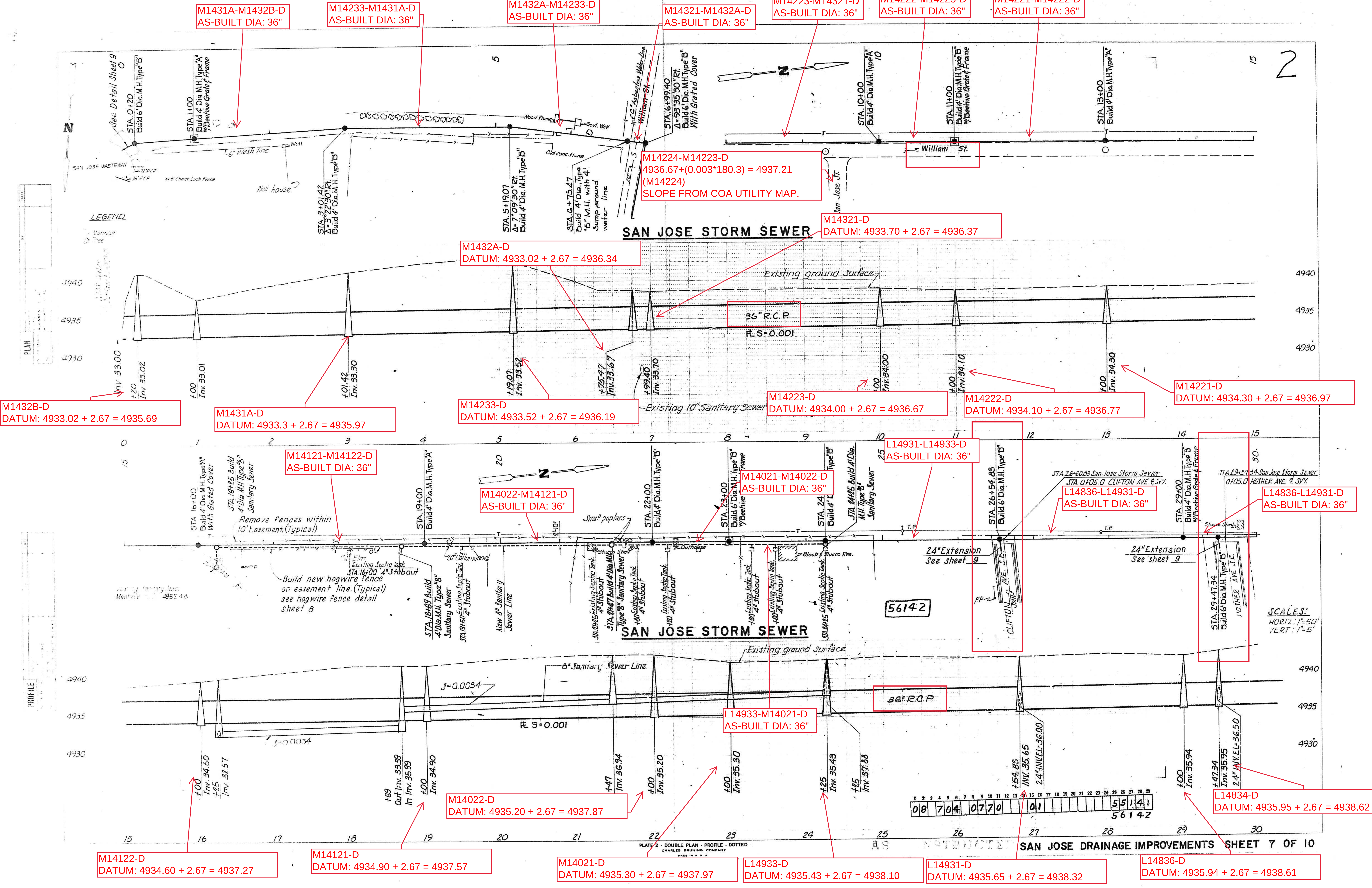
Not to scale

AS CONSTRUCTED

ALBUQUERQUE, NEW MEXICO			
STORM DRAIN STANDARDS			
DOUBLE C AND SINGLE C DROP INLET DETAILS			
GORDON HERKENHOFF & ASSOCIATES, INC. CONSULTING ENGINEERS			
ALBUQUERQUE	DATE	DRAWN	SHEET 5
SCALE	NOV., 1964	CHECKED: G.A.J.	OF 10



08 704 0670 10																											
ALBUQUERQUE, NEW MEXICO																											
STORM SEWER STANDARDS																											
TYPE D, AND E DROP INLET DETAILS																											
GORDON HERKENHOFF & ASSOCIATES, INC. CONSULTING ENGINEERS																											
ALBUQUERQUE NEW MEXICO																											
SCALE	DATE	DRAWN	A.G.I.	SHEET																							
AS SHOWN	NOV. 1964	CHECKED	G.A.J.	OF	10																						



M1432B-D
DATUM: 4933.02 + 2.67 = 4935.69

M1431A-D
DATUM: 4933.3 + 2.67 = 4935.97

M1432A-D
DATUM: 4933.02 + 2.67 = 4936.34

M14233-D
DATUM: 4933.52 + 2.67 = 4936.19

M14224-M14223-D
4936.67 + (0.003 * 180.3) = 4937.21
(M14224)
SLOPE FROM COA UTILITY MAP.

M14321-D
DATUM: 4933.70 + 2.67 = 4936.37

M14223-D
DATUM: 4934.00 + 2.67 = 4936.67

M14222-D
DATUM: 4934.10 + 2.67 = 4936.77

M14221-D
DATUM: 4934.30 + 2.67 = 4936.97

M14121-M14122-D
AS-BUILT DIA: 36"

M14022-M14121-D
AS-BUILT DIA: 36"

M14021-M14022-D
AS-BUILT DIA: 36"

L14931-L14933-D
AS-BUILT DIA: 36"

L14836-L14931-D
AS-BUILT DIA: 36"

L14836-L14931-D
AS-BUILT DIA: 36"

L14933-M14021-D
AS-BUILT DIA: 36"

M14022-D
DATUM: 4935.20 + 2.67 = 4937.87

M14122-D
DATUM: 4934.60 + 2.67 = 4937.27

M14121-D
DATUM: 4934.90 + 2.67 = 4937.57

M14021-D
DATUM: 4935.30 + 2.67 = 4937.97

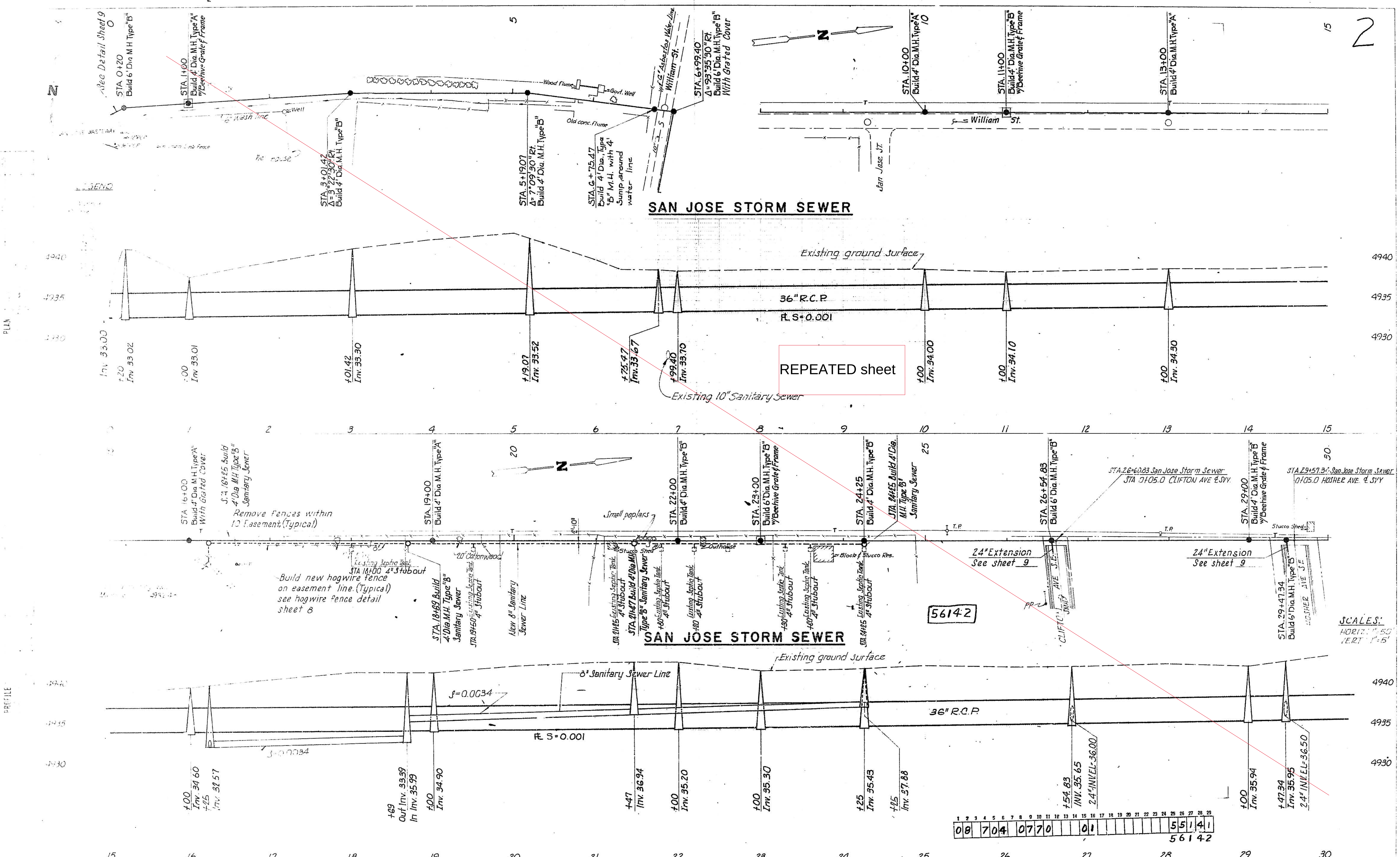
L14933-D
DATUM: 4935.43 + 2.67 = 4938.10

L14931-D
DATUM: 4935.65 + 2.67 = 4938.32

L14836-D
DATUM: 4935.94 + 2.67 = 4938.61

L14834-D
DATUM: 4935.95 + 2.67 = 4938.62

SAN JOSE STORM SEWER



L14932-L14931
MODEL DIA: 24"
AS-BUILT DIA: 24"

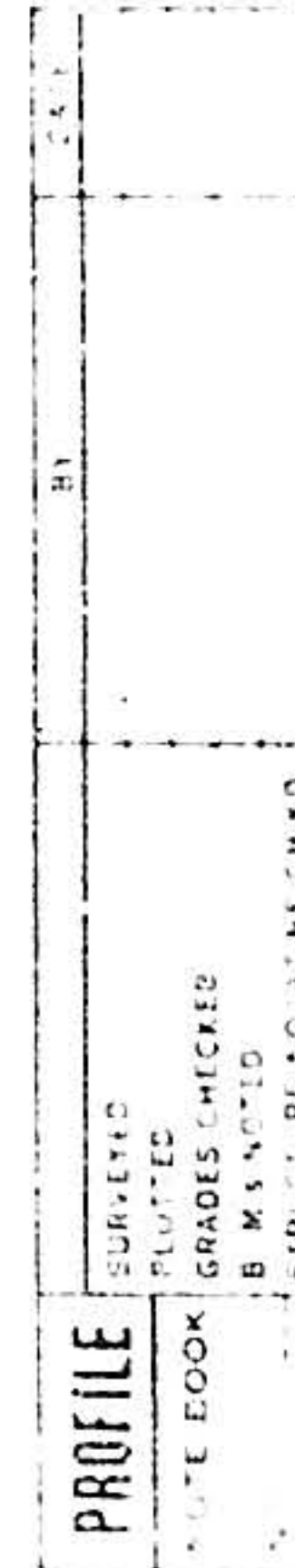
L14835-L14834-D
AS-BUILT DIA: 24"

L14832-L14831-D
AS-BUILT DIA: 24"

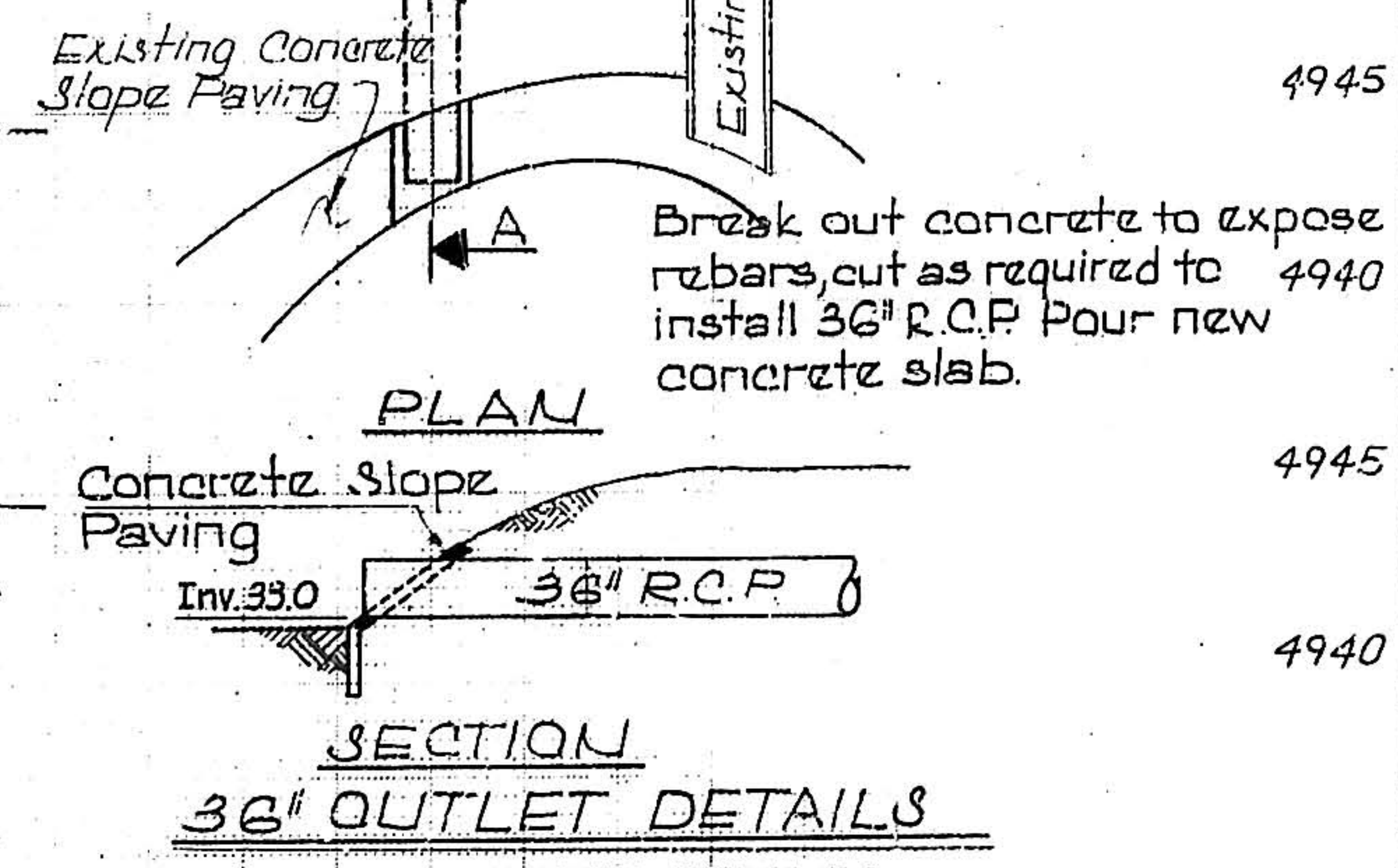
L14932-D
DATUM: 4937.00 + 2.67 = 4939.67

L14835-D
DATUM: 4937.00 + 2.67 = 4939.67

L14832-D
DATUM: 4937.40 + 2.67 = 4940.07



SCALES:
HORIZ: 1"=50'
VERT: 1"=5'



L14632-L14631-D
AS-BUILT DIA: 20"

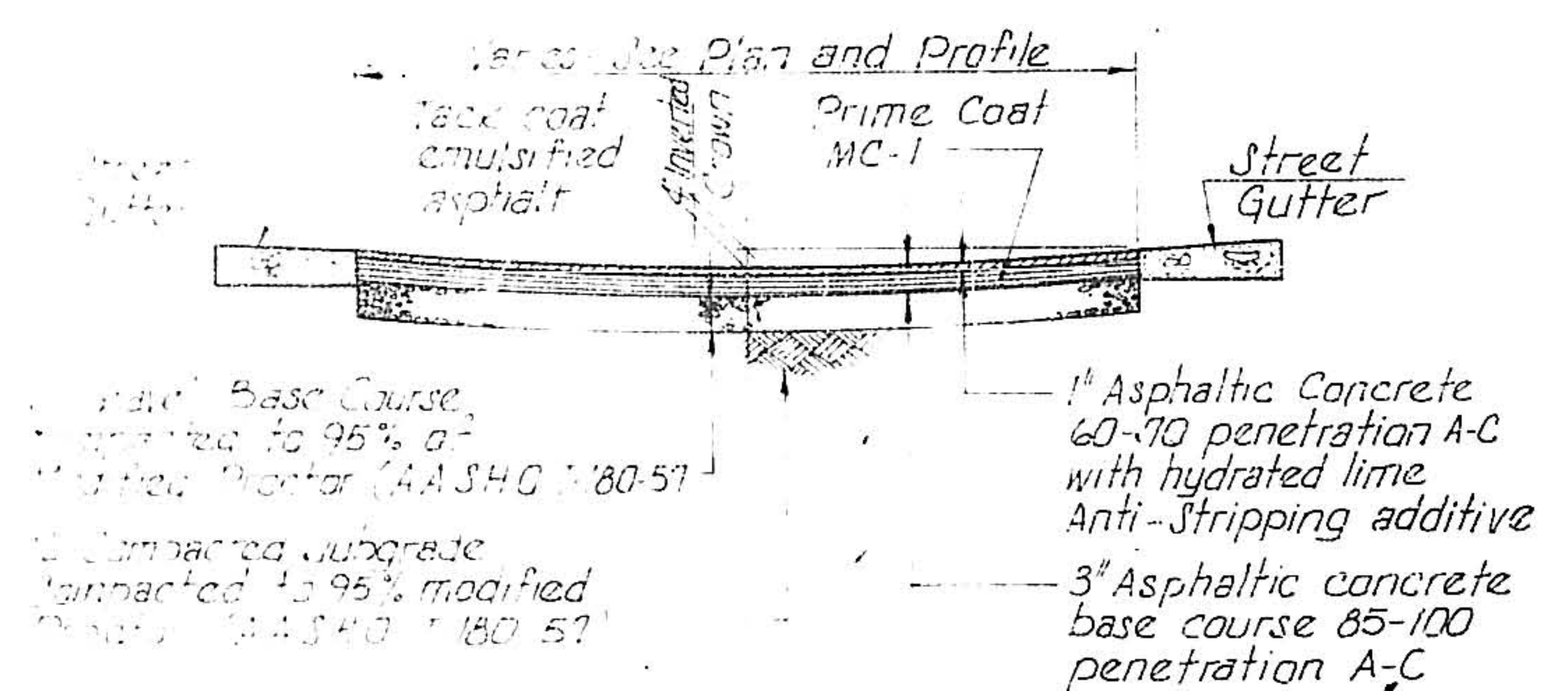
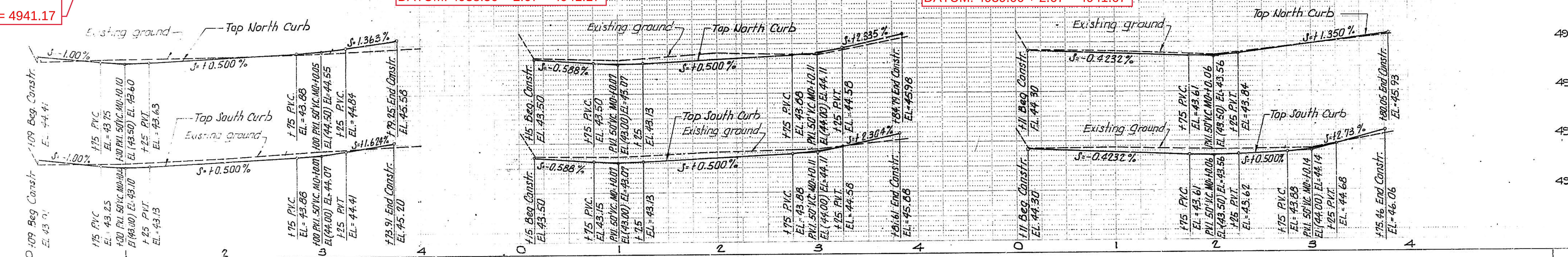
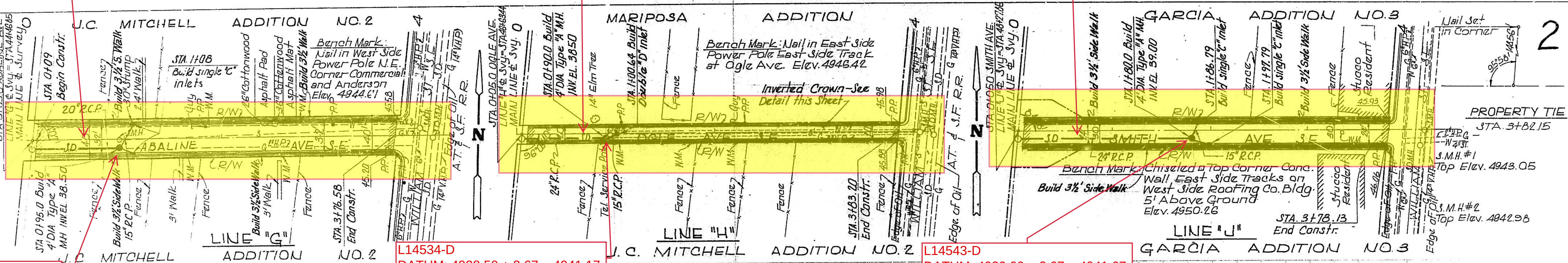
L14534-L14533-D
AS-BUILT DIA: 24"

L14543-L14532-D
AS-BUILT DIA: 24"

L14632-D
DATUM: 4938.50 + 2.67 = 4941.17

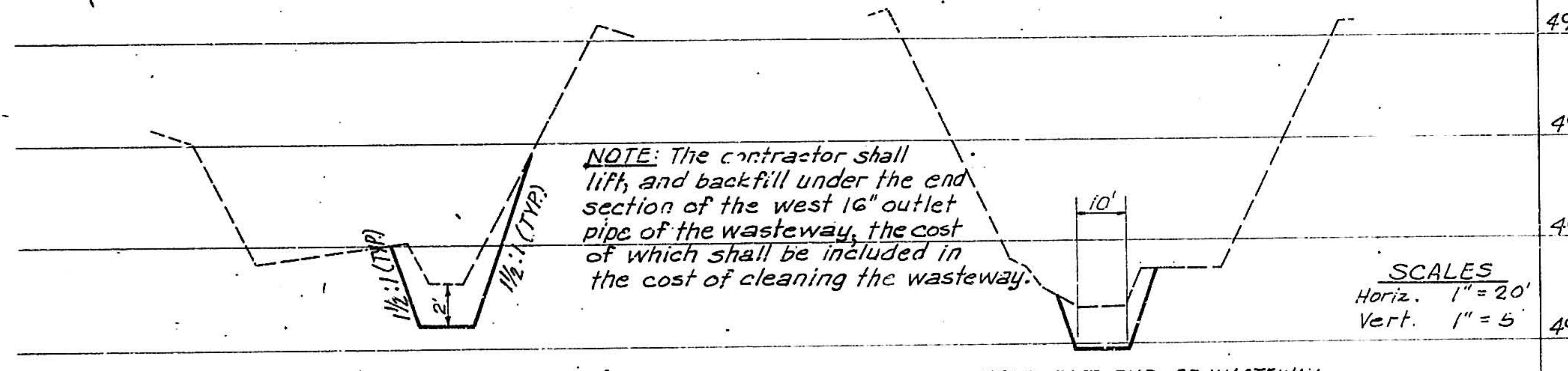
L14534-D
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L14543-D
DATUM: 4939.00 + 2.67 = 4941.67

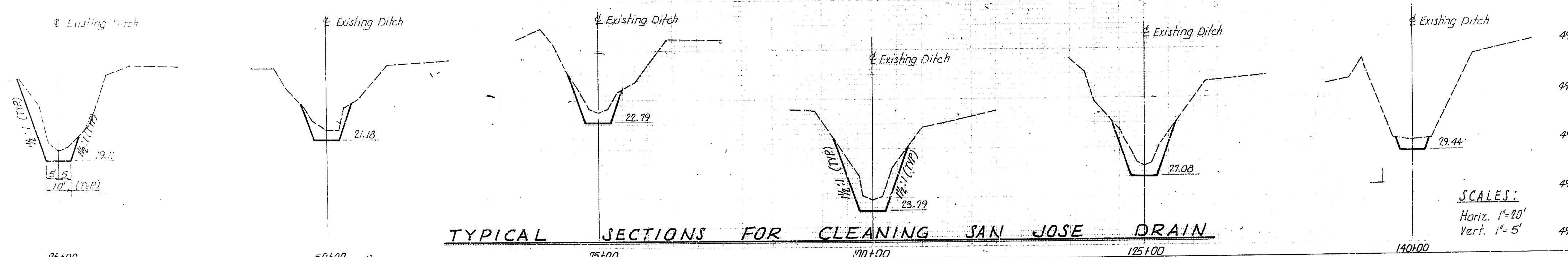


INVERTED CROWN STREET DETAILS
(Ogle St. only)

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08	7	0	4	1	0	7	0			0	1			0	1												
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TYPICAL SECTIONS FOR CLEANING SAN JOSE WASTEWAY



TYPICAL SECTIONS FOR CLEANING SAN JOSE DRAIN