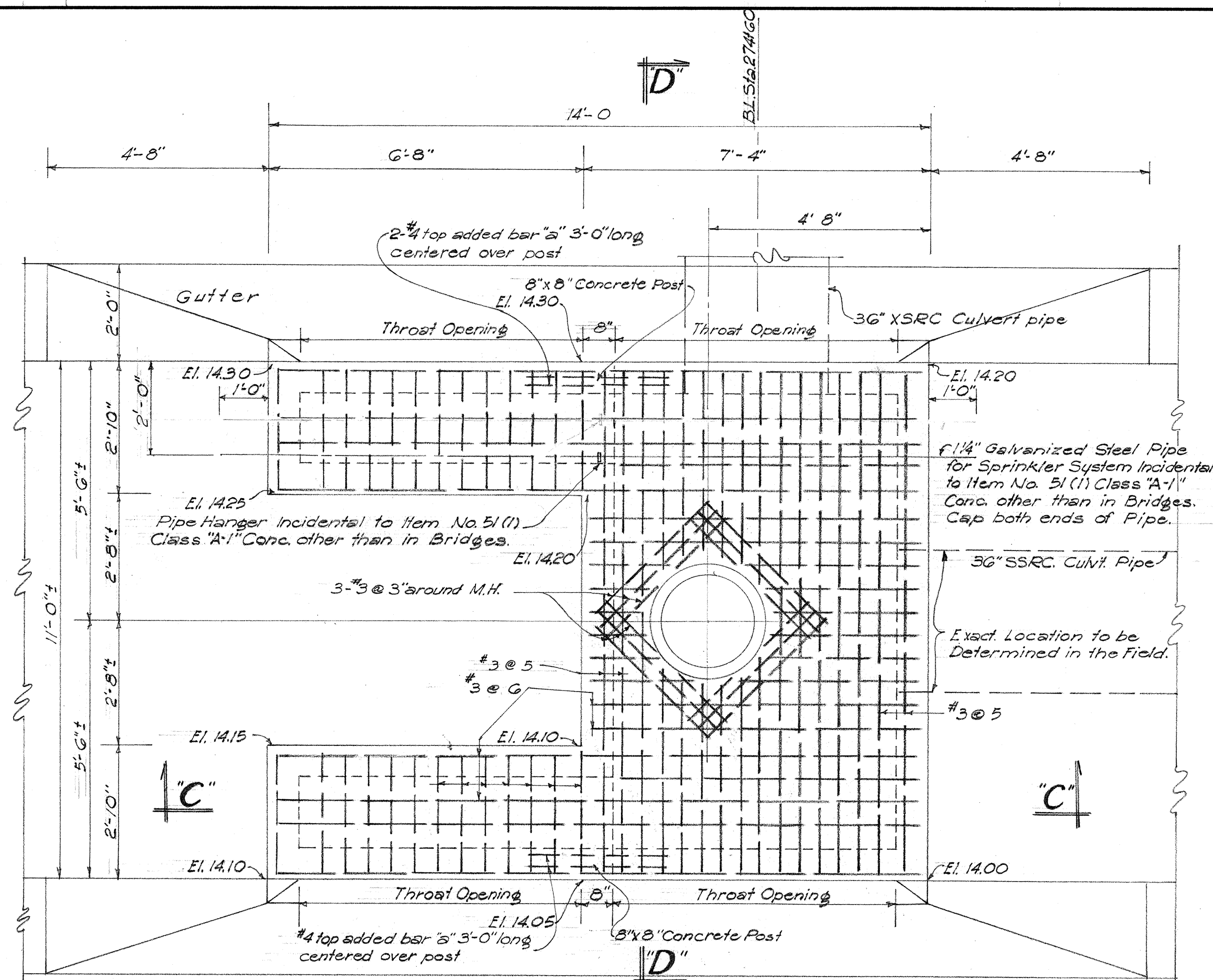
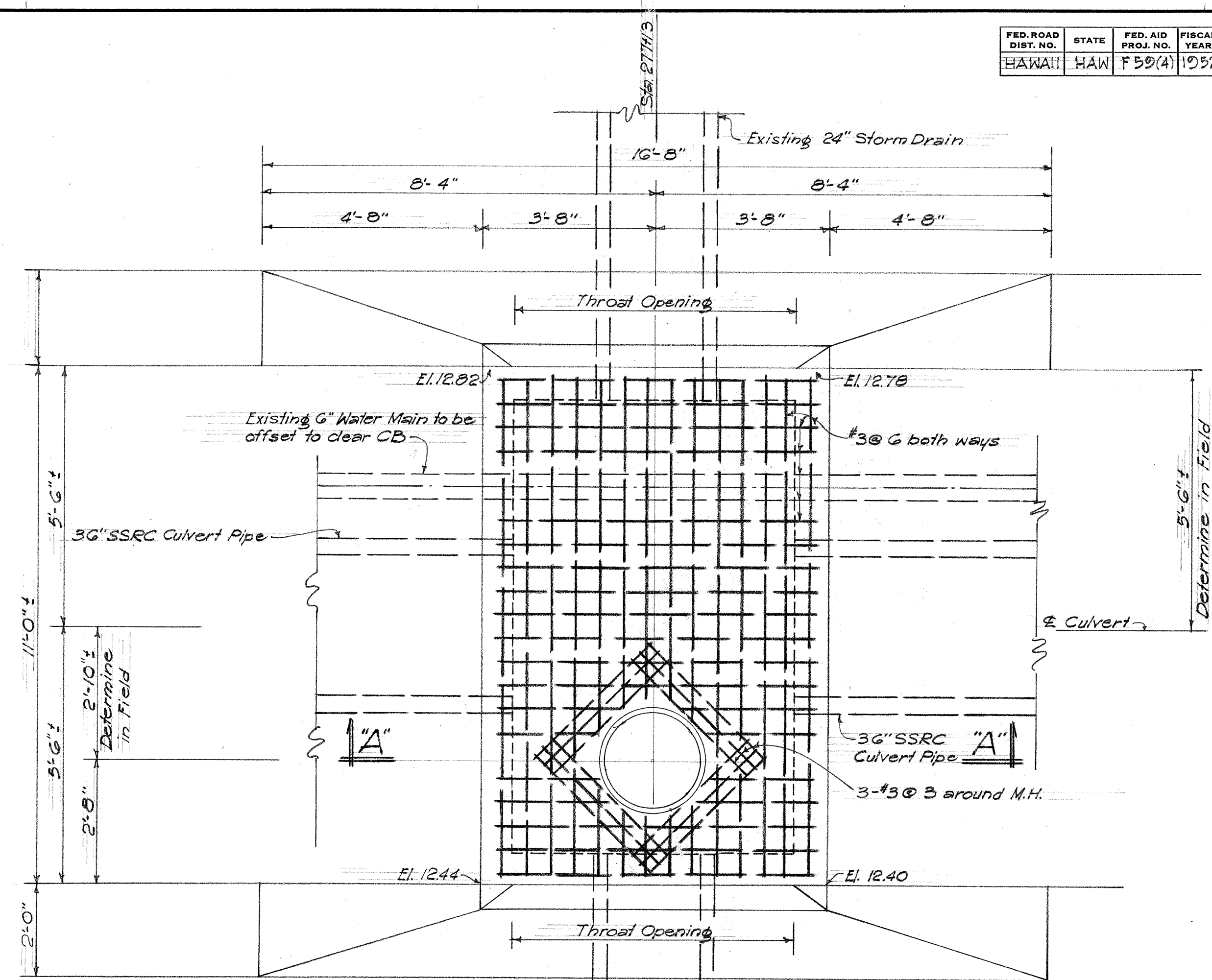
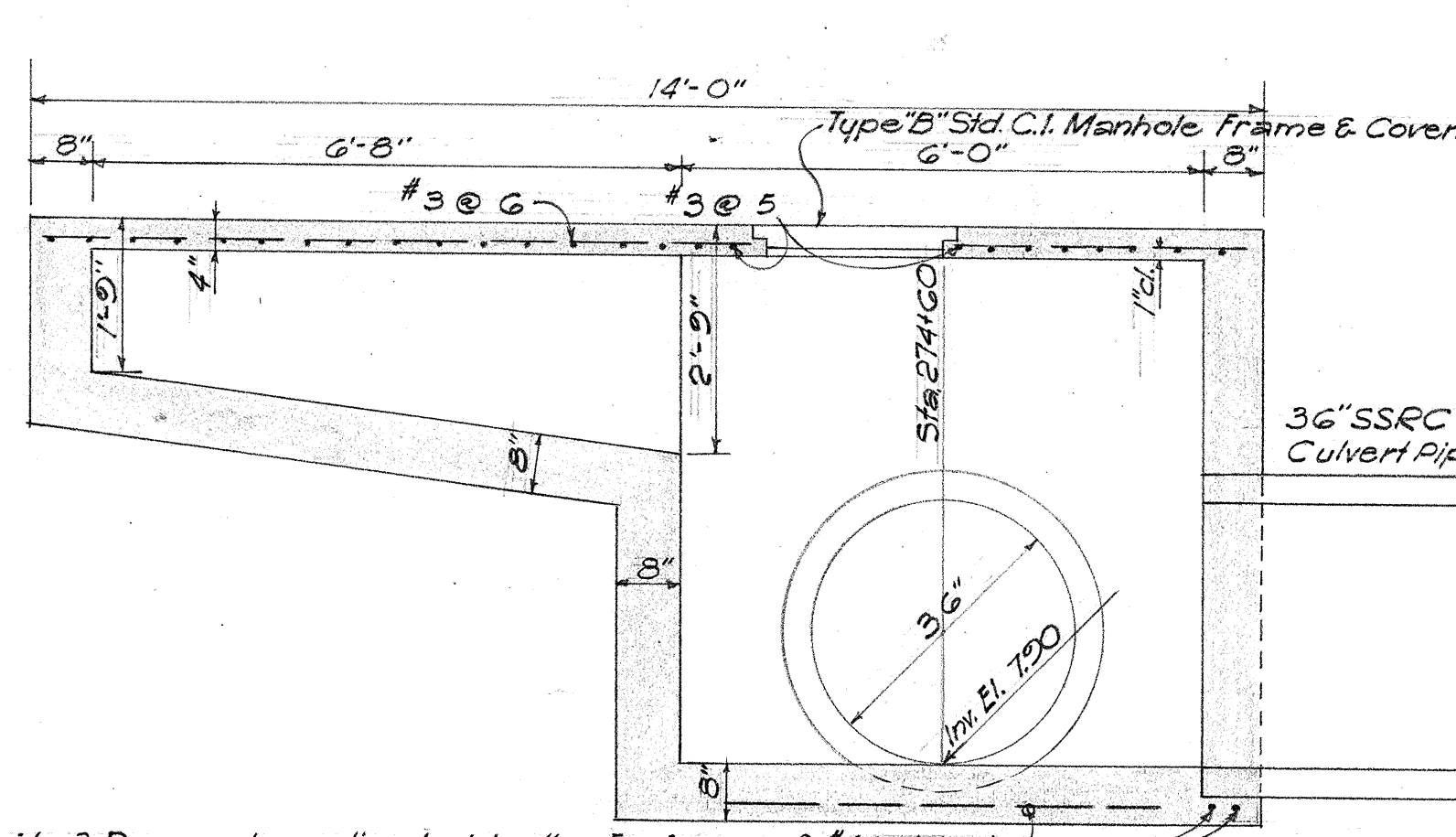




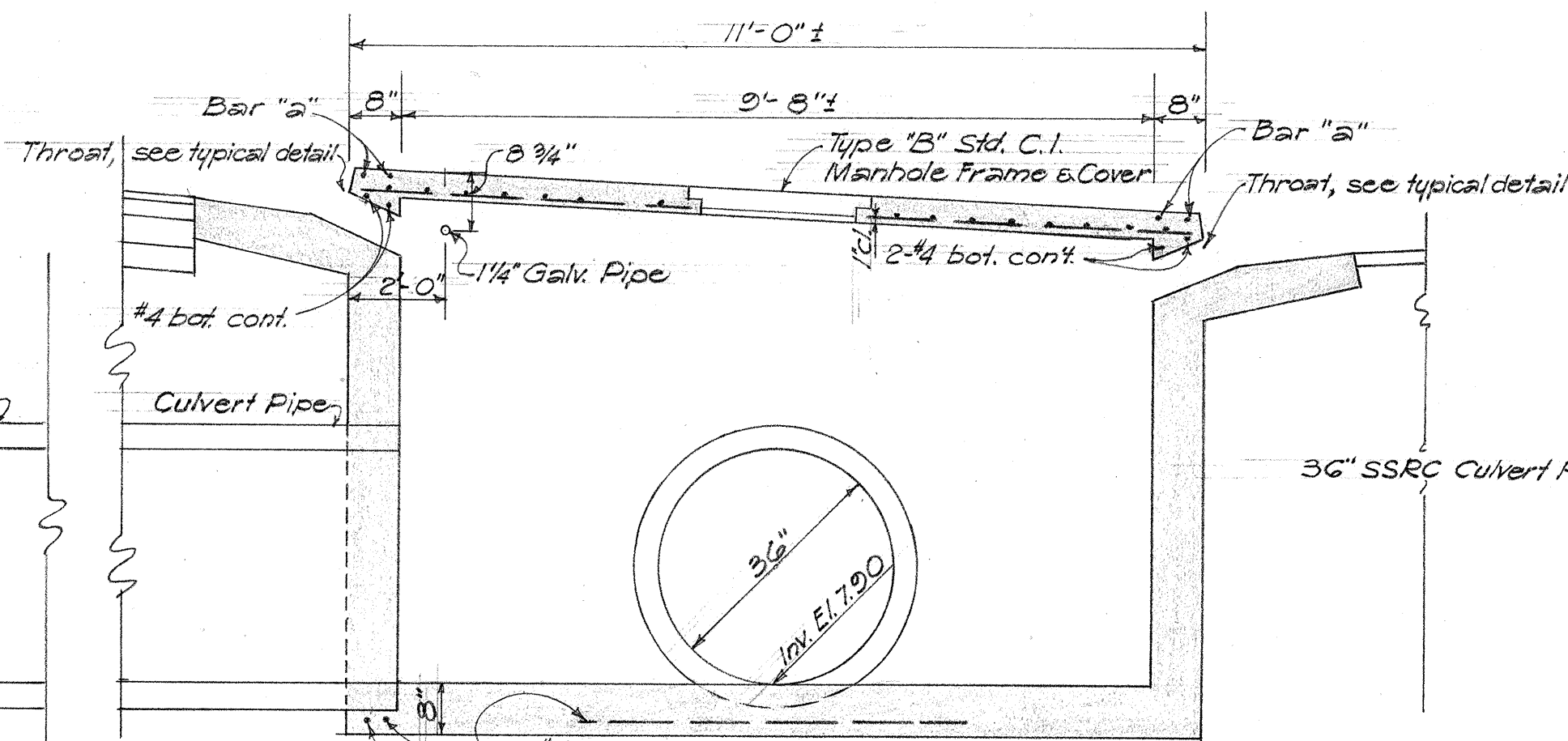
PLAN - C.B. NO. 11
B.L. STA. 274+60
Scale: 1/2"=1'-0"



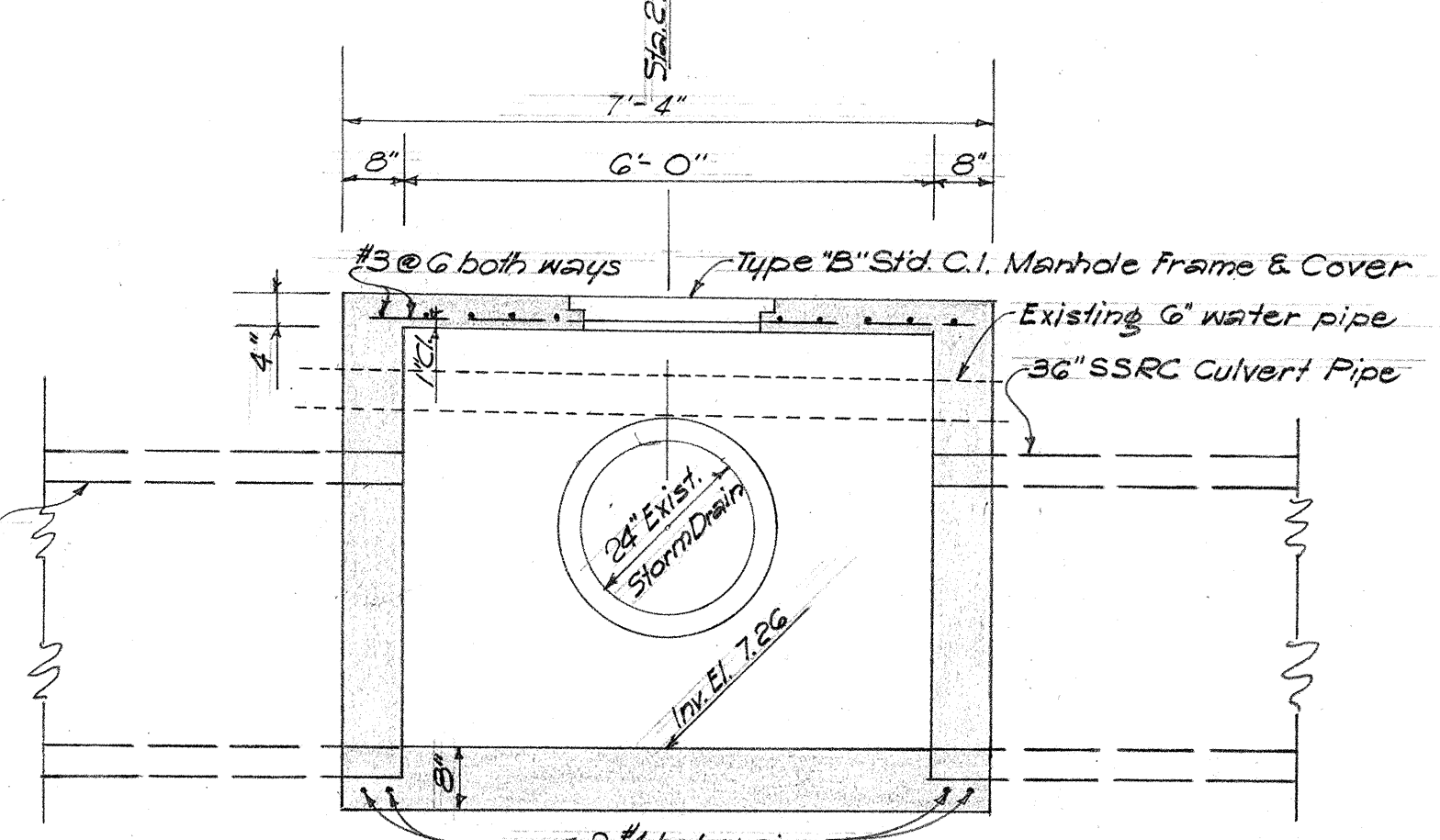
PLAN - C.B. NO. 14
B.L. STA. 277+13
Scale: 1/2"=1'-0"



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



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



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

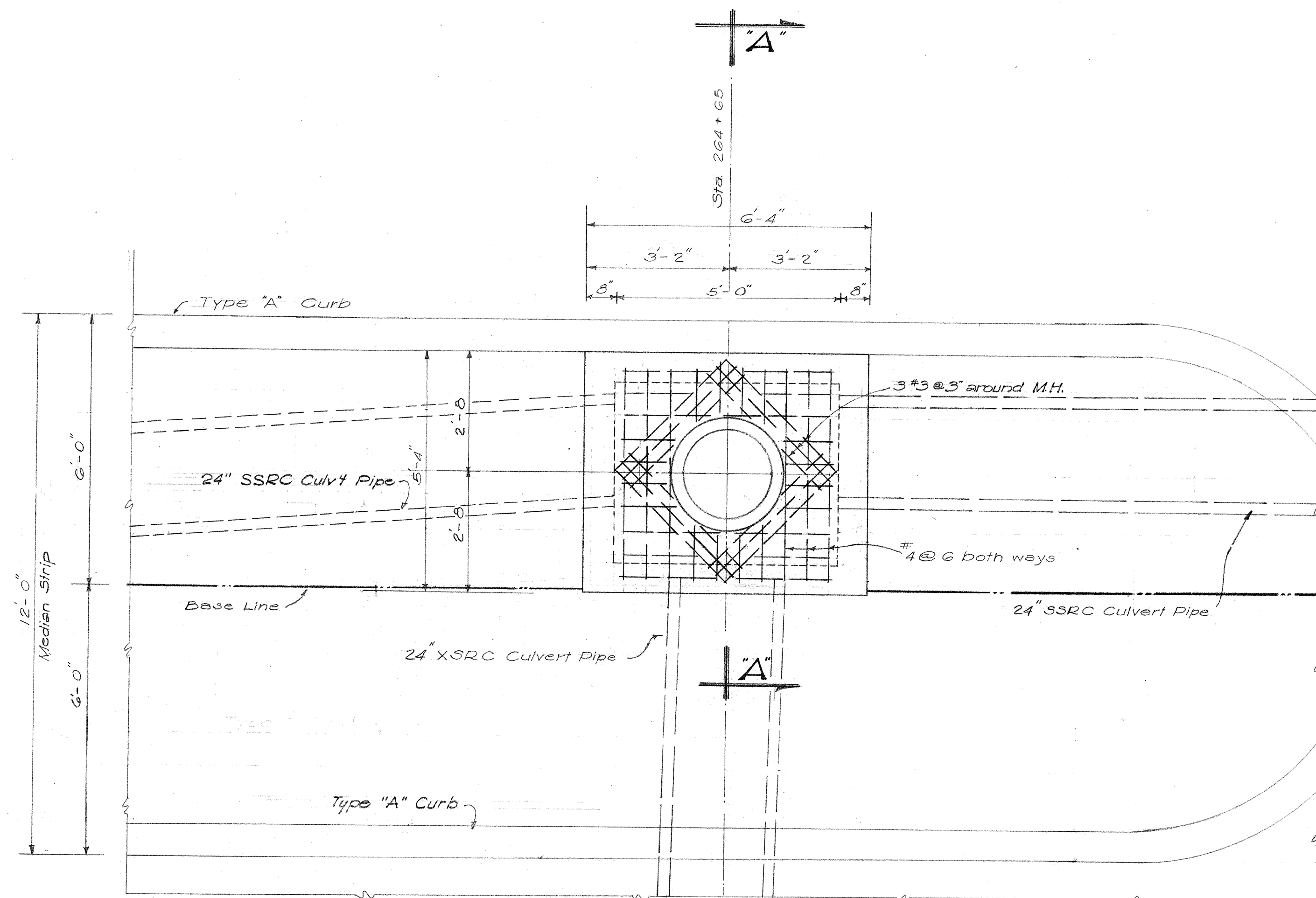
NOTE: Provide 3 Rungs where directed by the Engineer.

NOTE:
For typical throat opening see Det. Sht. No. 5596.45
For Detail of Pipe Hangers see Sht. No. 5596.43
For Detail of Rungs see Det. Sht. No. 5596.48

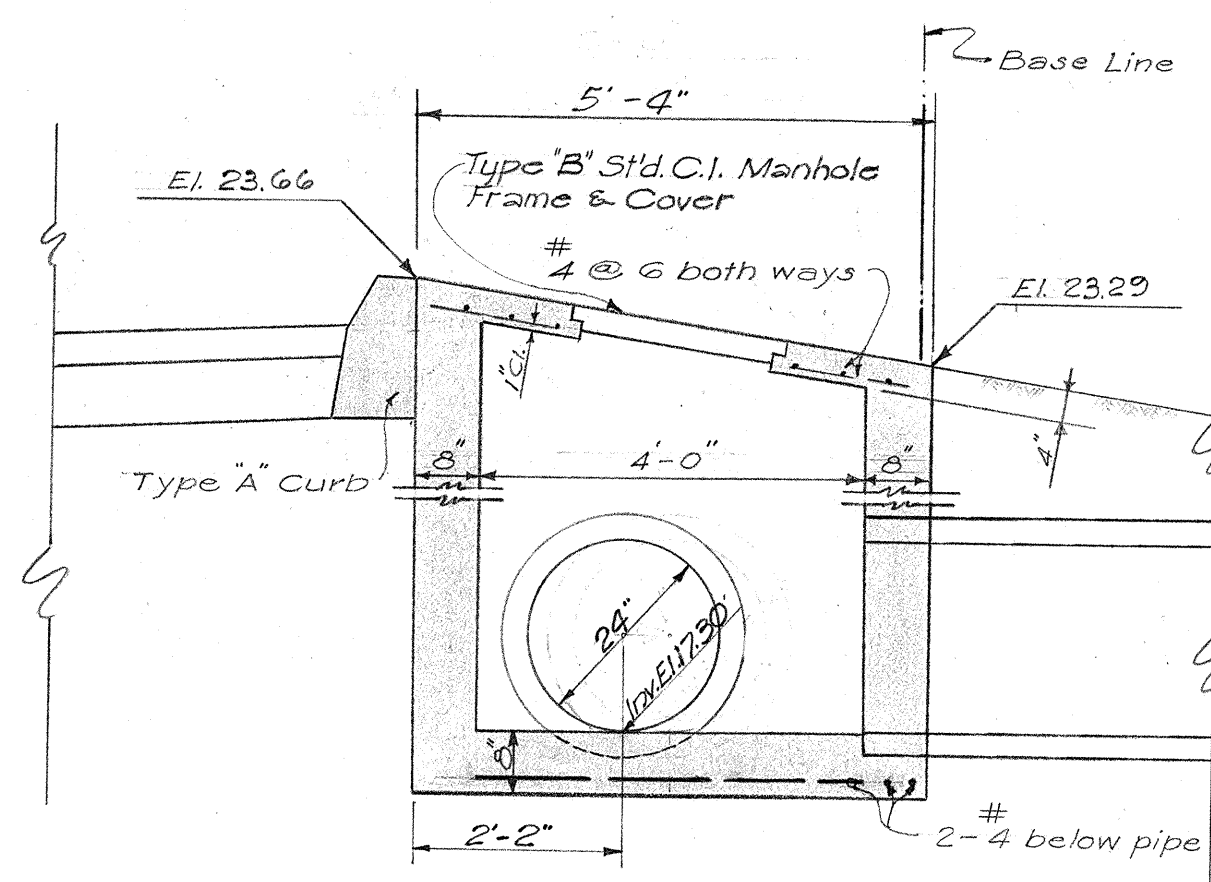
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
C.B. NO. 11 & C.B. NO. 14
MAUKA ARTERIAL
ALEXANDER ST. TO ISENBERG ST.
PROJ. NO. F 50(4)
Scale: As Noted September, 1952
SHEET NO. 1 OF 1 SHEETS

5596.39

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	F59(4)	1952	41	56

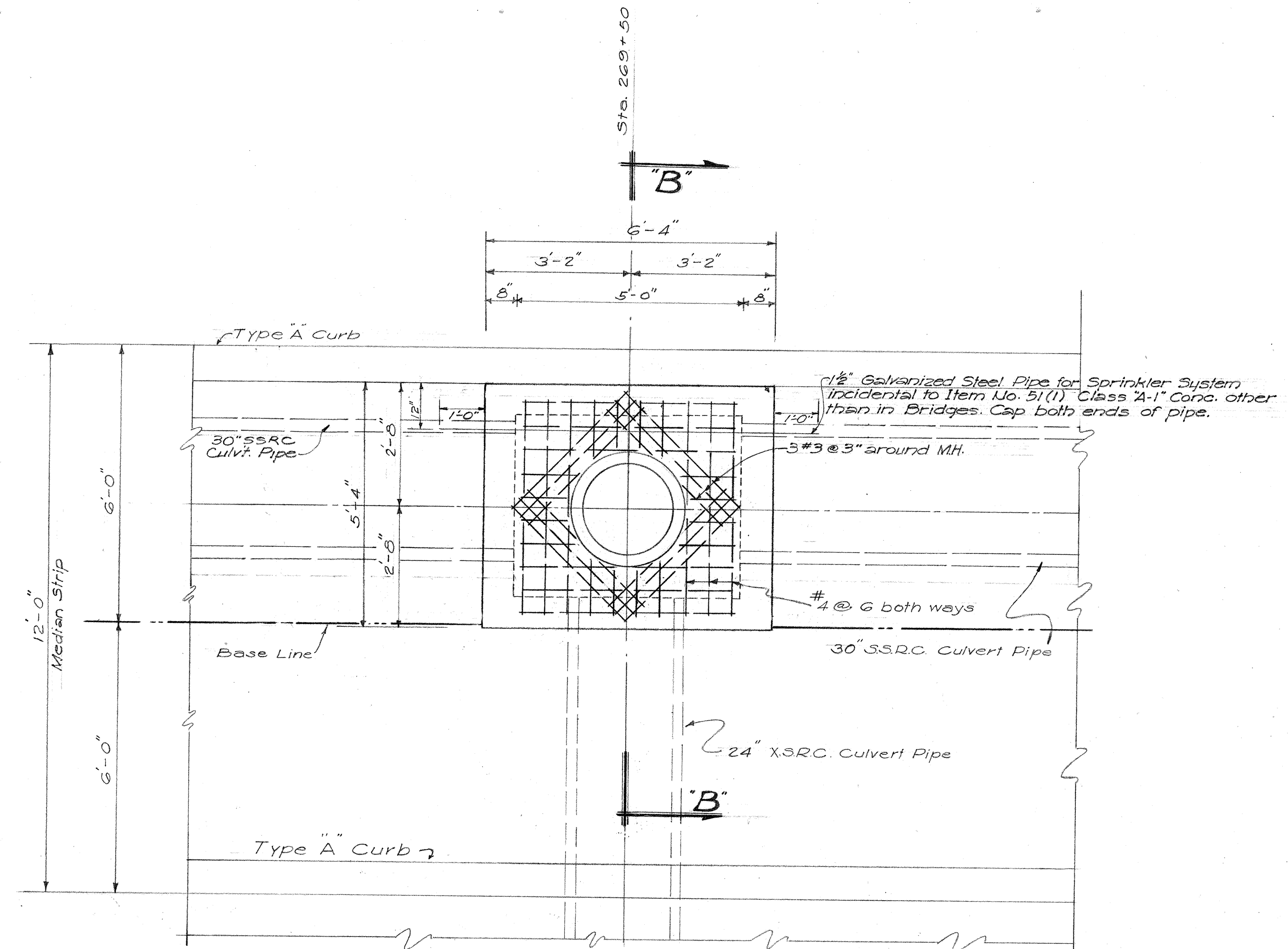


PLAN - S.D.M.H. NO. 1
B.L. STA. 264 + 65
Scale: 1/2" = 1'-0"

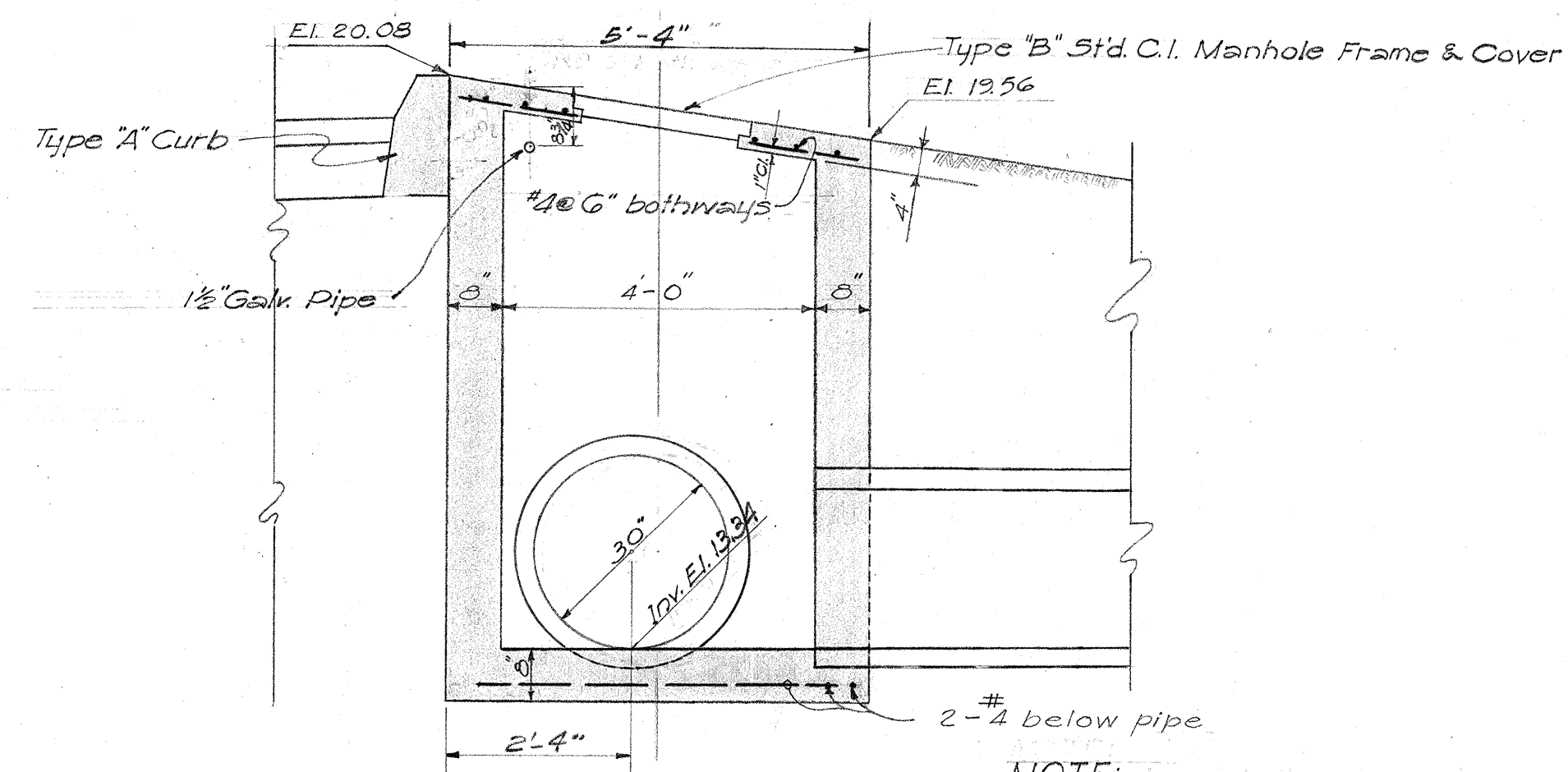


SECTION "A-A"
Scale: 1/2" = 1'-0"

NOTE:
Provide 2 Rungs where directed by the Engineer.



PLAN - S.D.M.H. NO. 3
B.L. STA. 269 + 50
Scale: 1/2" = 1'-0"



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

NOTE:
Provide 4 Rungs where directed by the Engineer.

NOTE:
S.D.M.H. #2 shall be similar to S.D.M.H. #1.
For invert elevation see Sheet No. 5596.08

NOTE:
For Detail of Rungs see Sht. No. 5596.48

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

S.D.M.H. NO. 1, 2 & 3

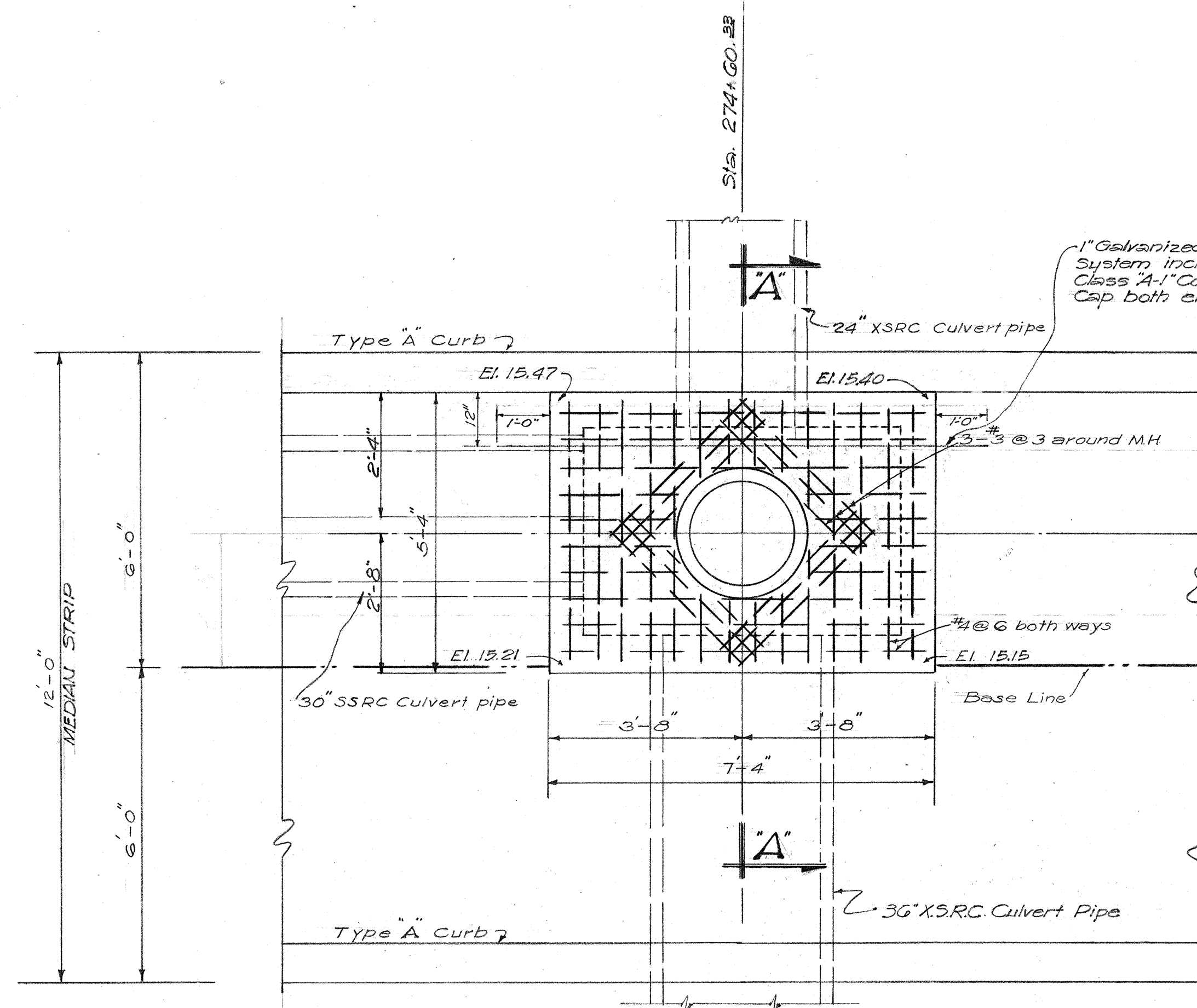
MAUKA ARTERIAL
ALEXANDER ST. TO ISENBERG ST.
PROJ. NO. F 59 (4)

Scale: As Noted September, 1952

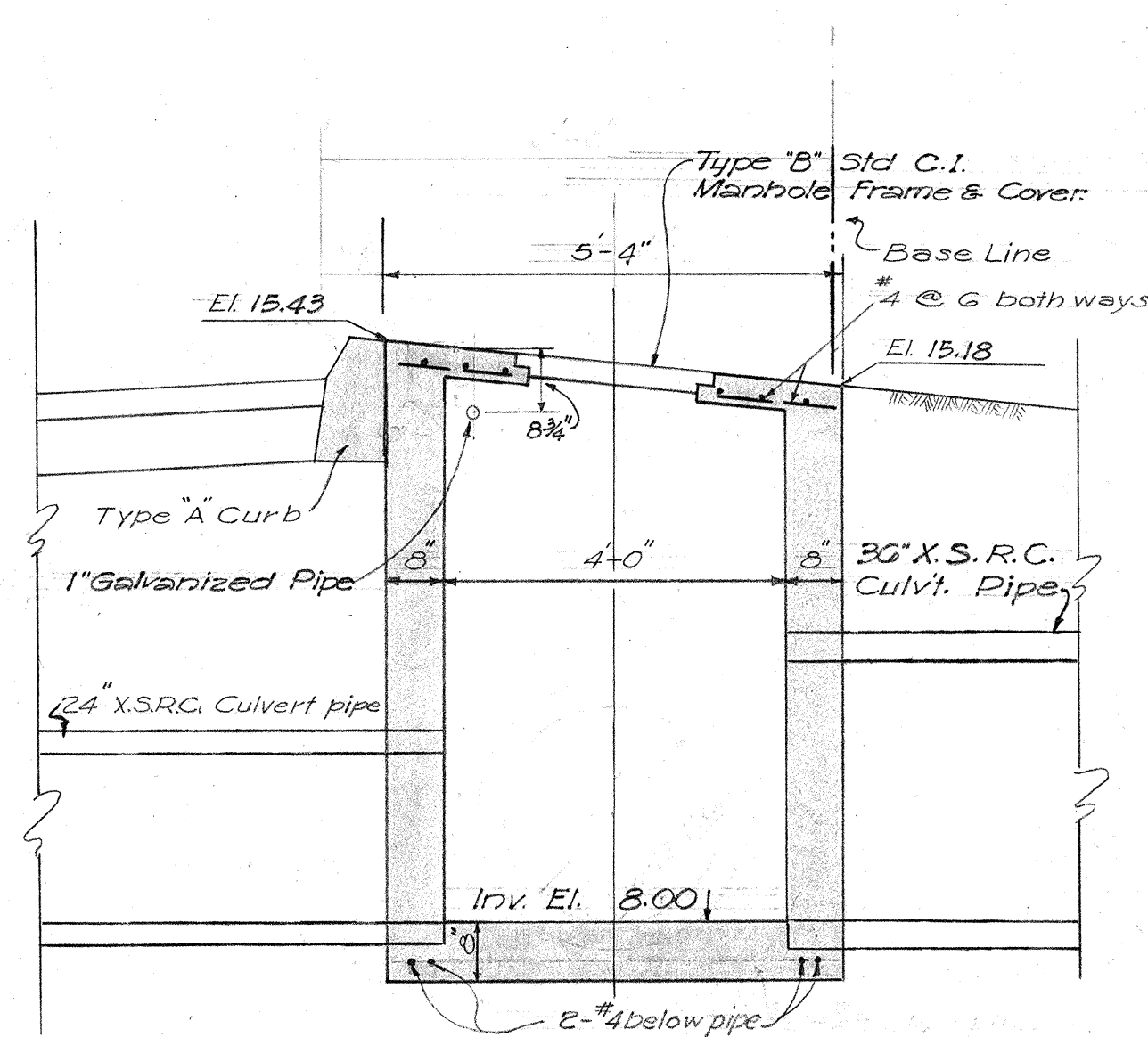
SHEET No. 1 OF 1 SHEETS

5596.41

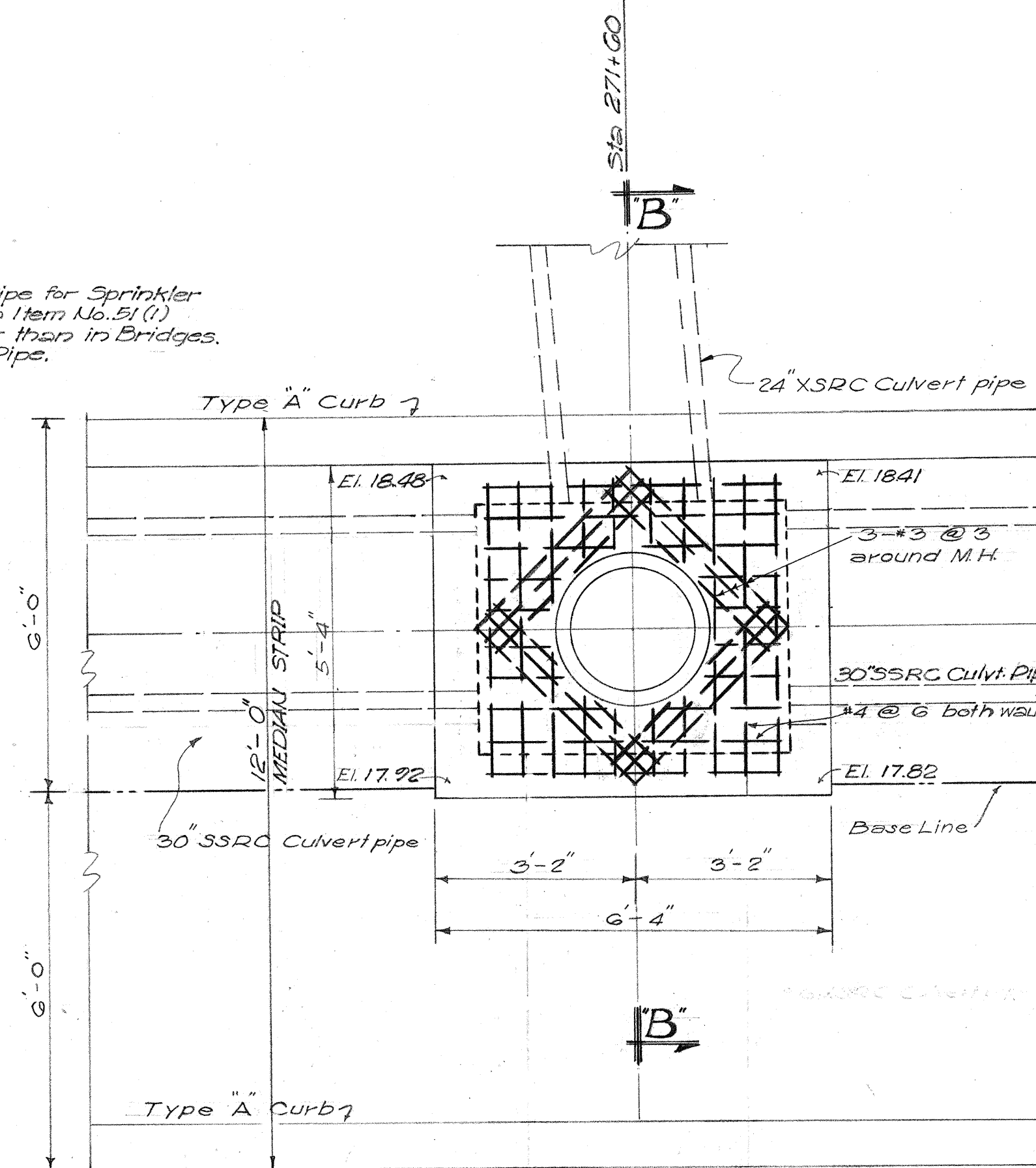
DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTE BOOK NO.	_____



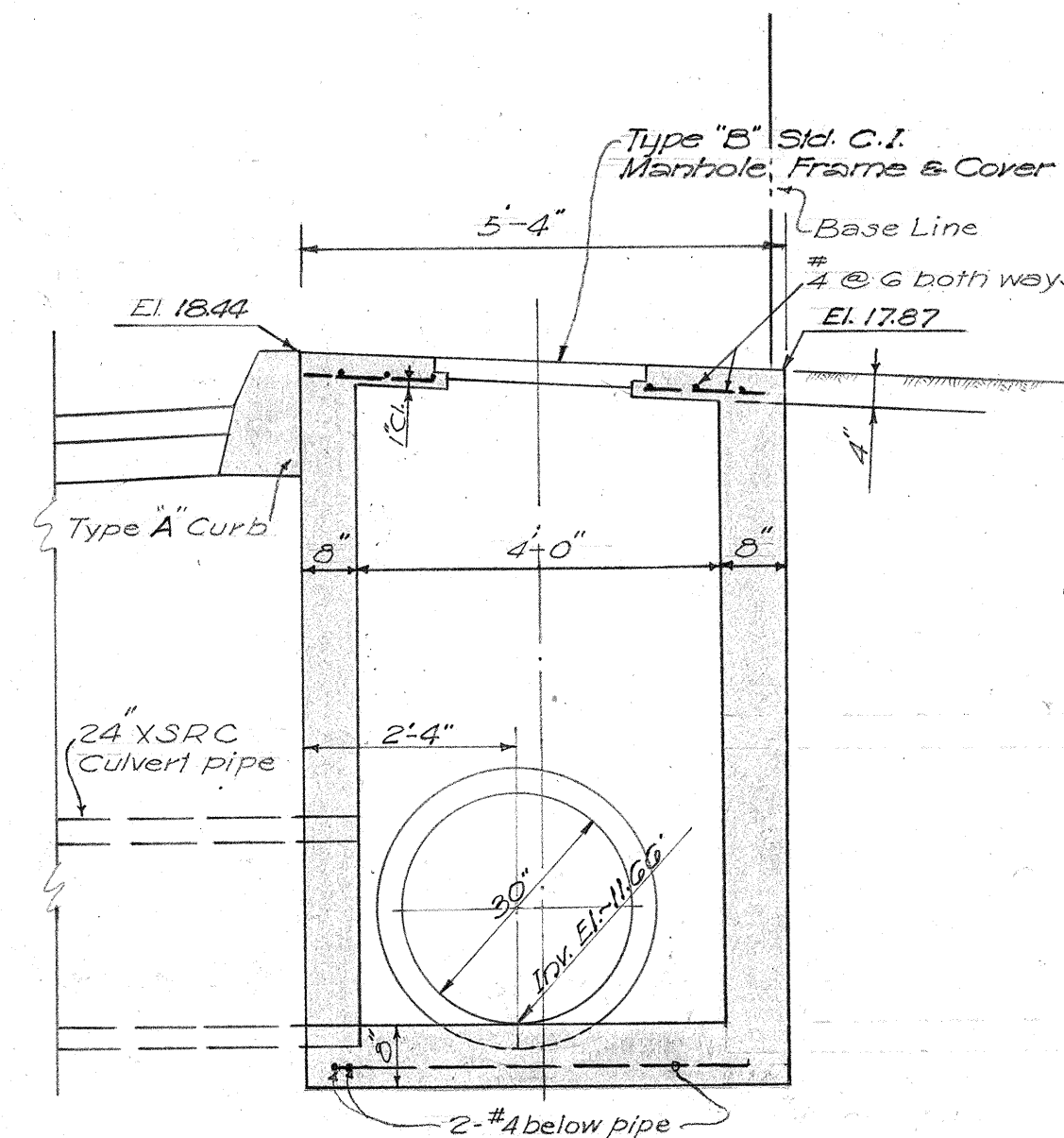
PLAN - S.D.M.H. NO. 5
B. L. STA. 274 + 60.23
Scale: 1/2" = 1'-0"



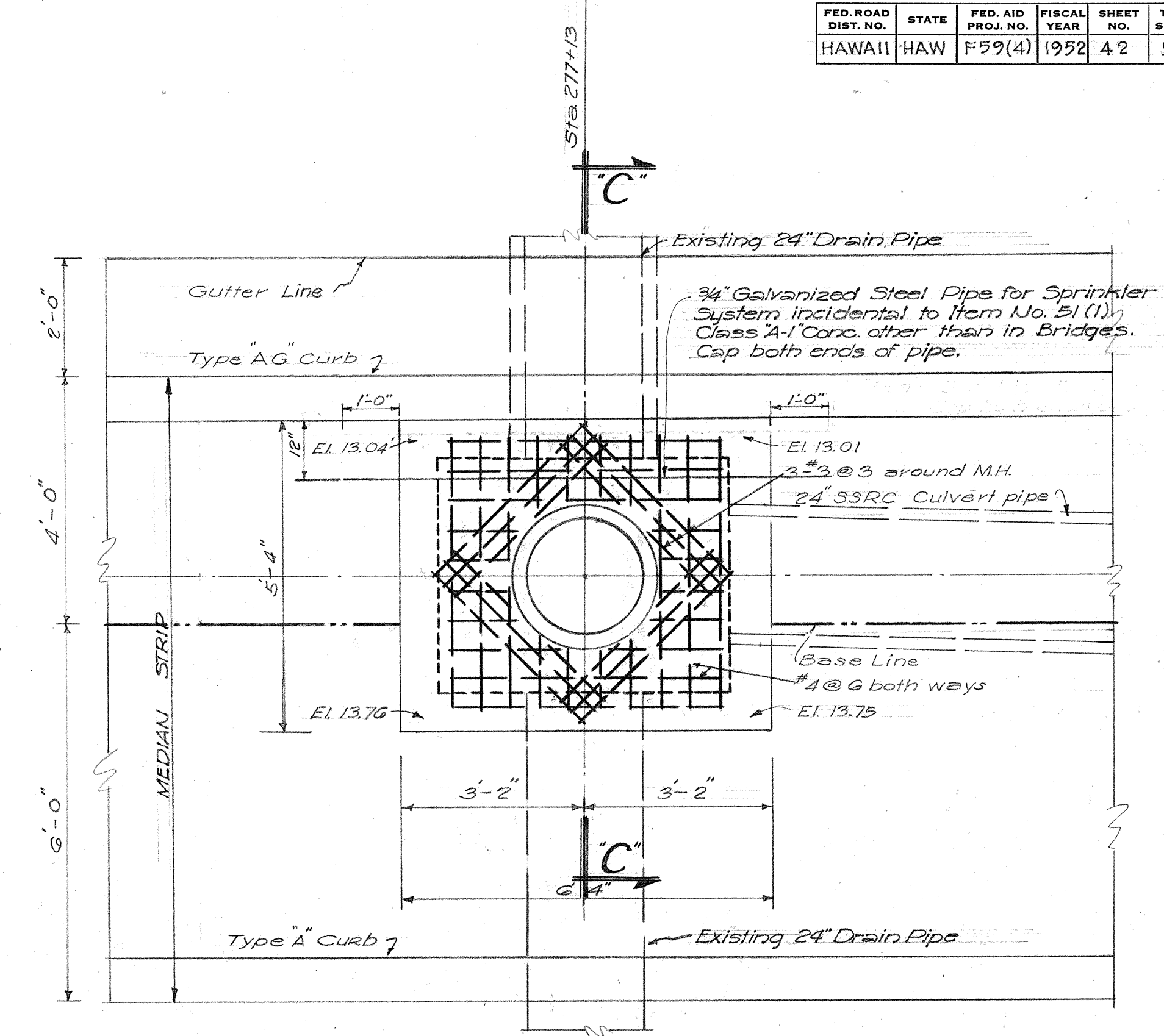
SECTION "A-A"
Scale: 1/2" = 1'-0"



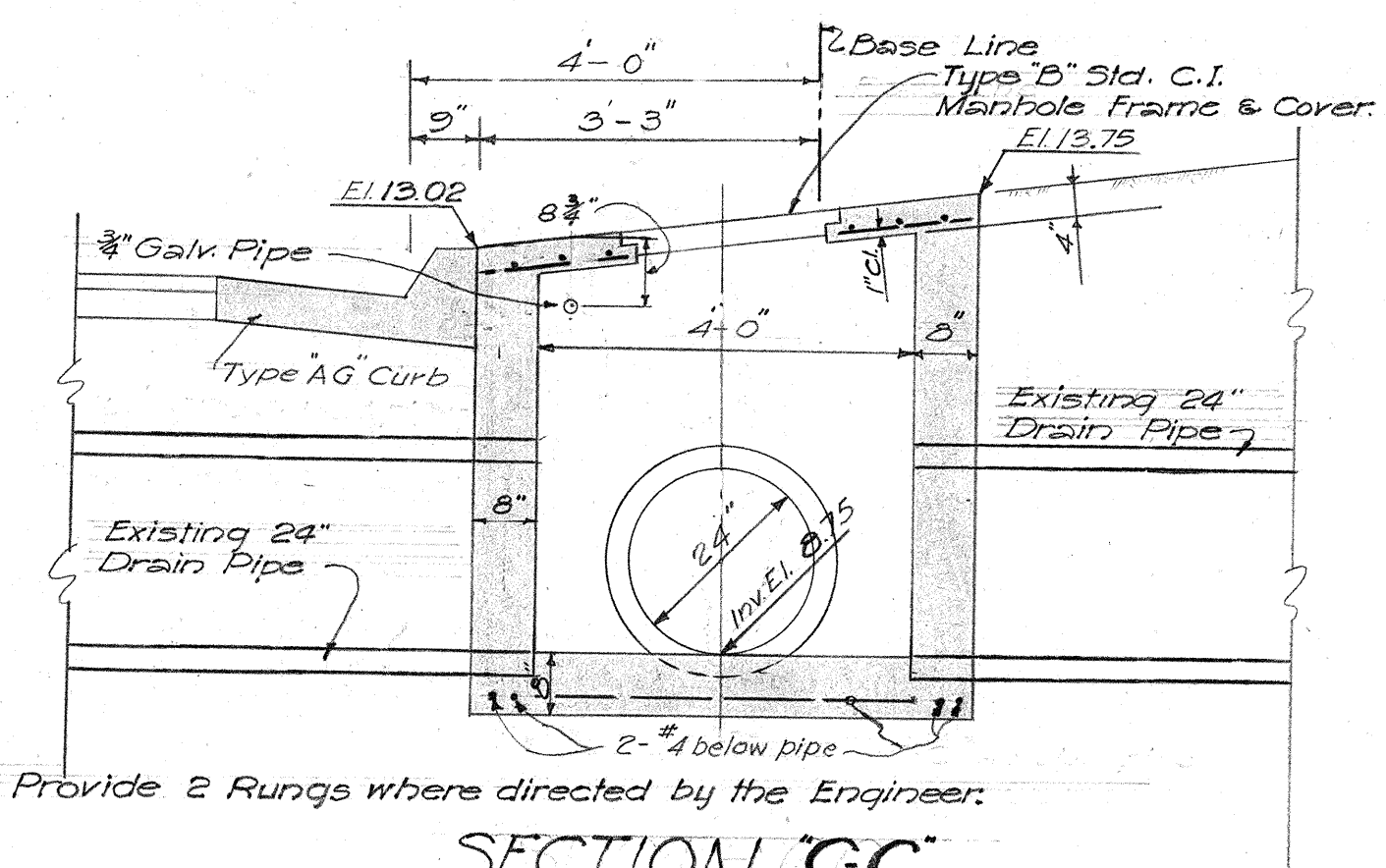
PLAN - S.D.M.H. NO. 4
B. L. STA. 271 + 60
Scale: 1/2" = 1'-0"



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



PLAN - S.D.M.H. NO. 6
B. L. STA. 277 + 13
Scale: 1/2" = 1'-0"



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

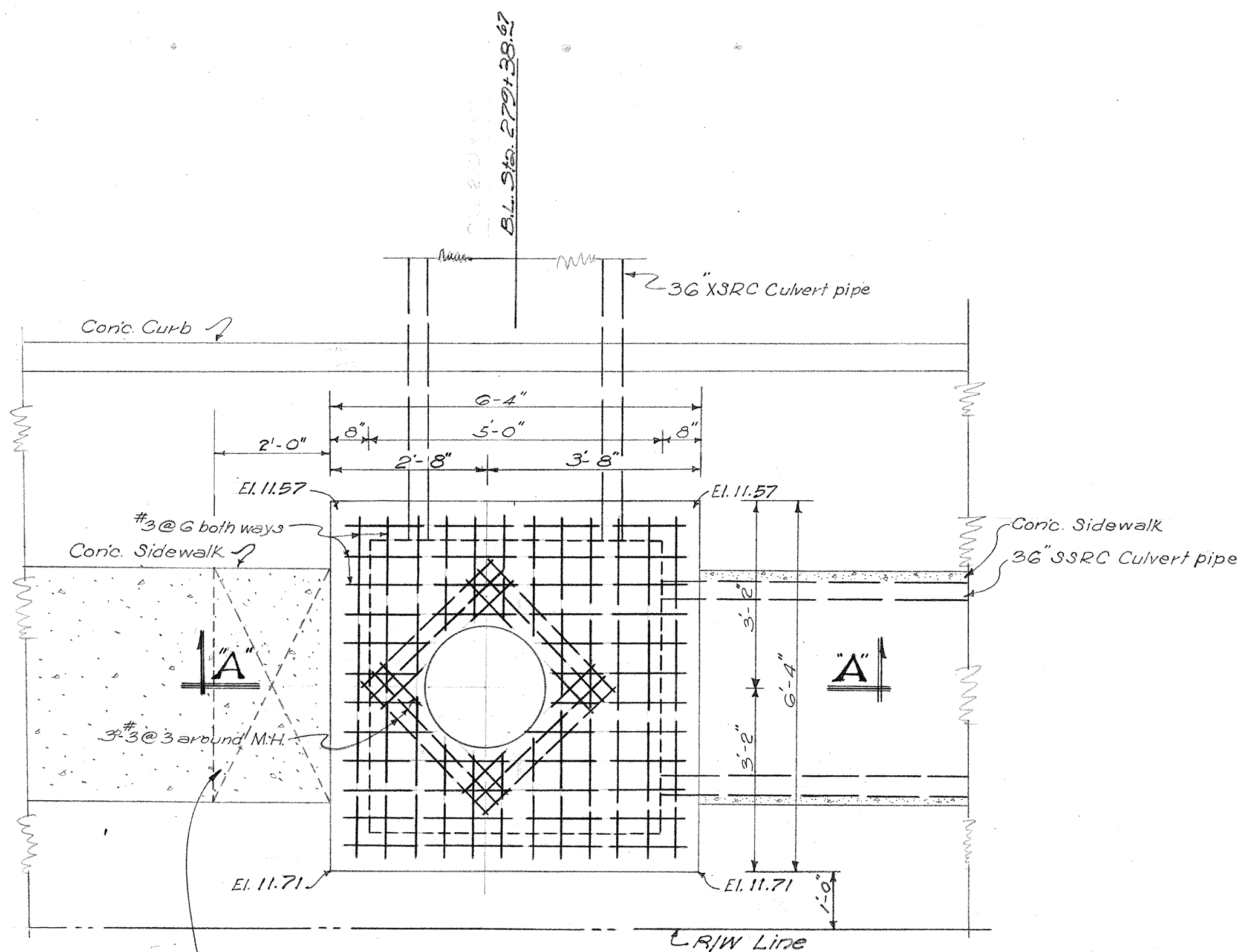
DETAIL S.D.M.H. NO. 5
STA. 271 + 60

NOTE: For Detail of Rungs see Sht. No. 559G.4A

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
S.D.M.H. NOS. 4, 5 & 6
MAUKA ARTERIAL
ALEXANDER ST. TO ISENBERG ST.
PROJ. NO. F 59(4)
Scale: As Noted September, 1952
SHEET NO. 1 OF 1 SHEETS

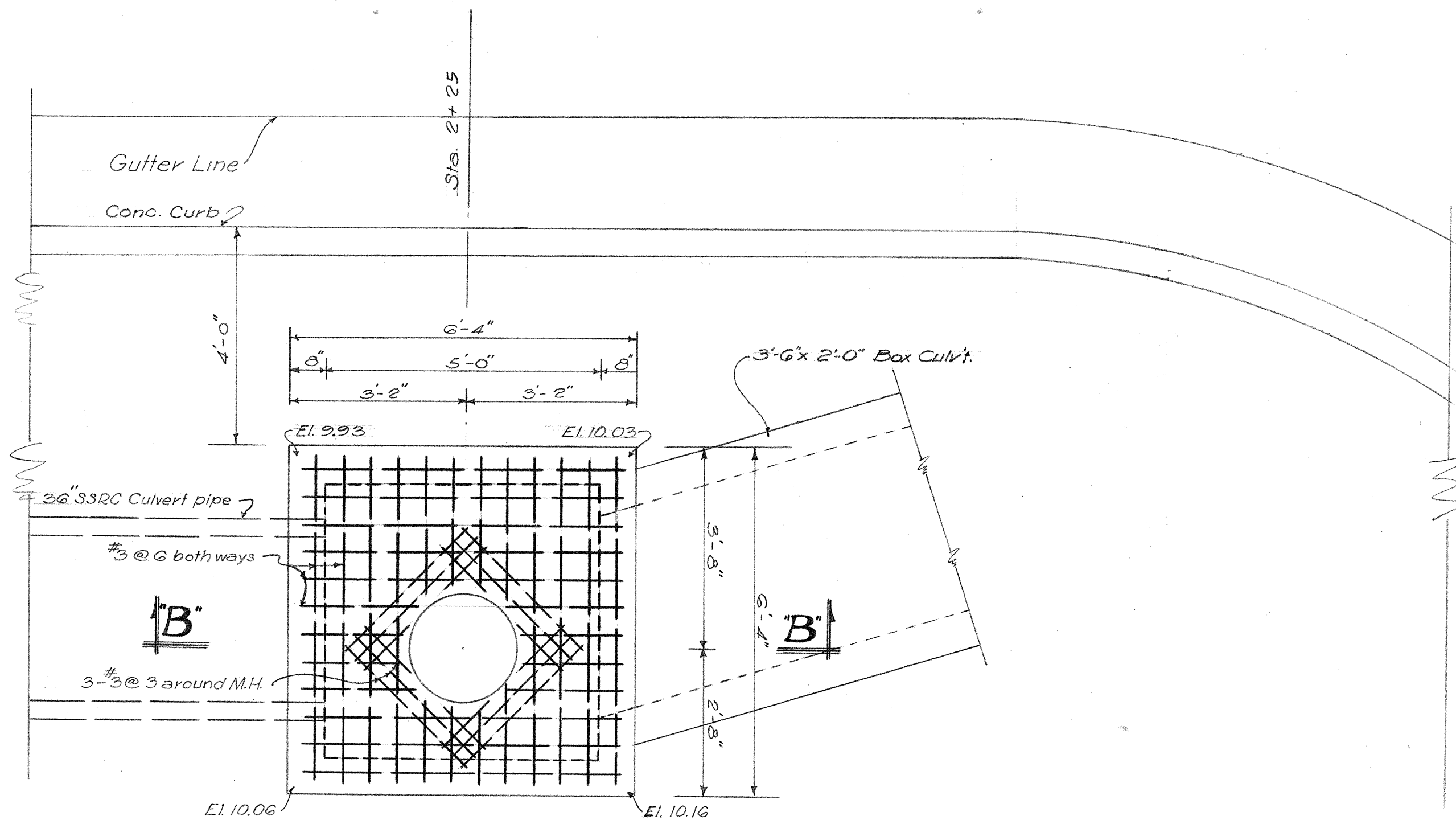
5596.42

DATE: _____
DESIGNED BY: _____
CHECKED BY: _____
QUANTITIES BY: _____
NOTE BOOK NO. _____
ORIGINAL PLAN NO. _____

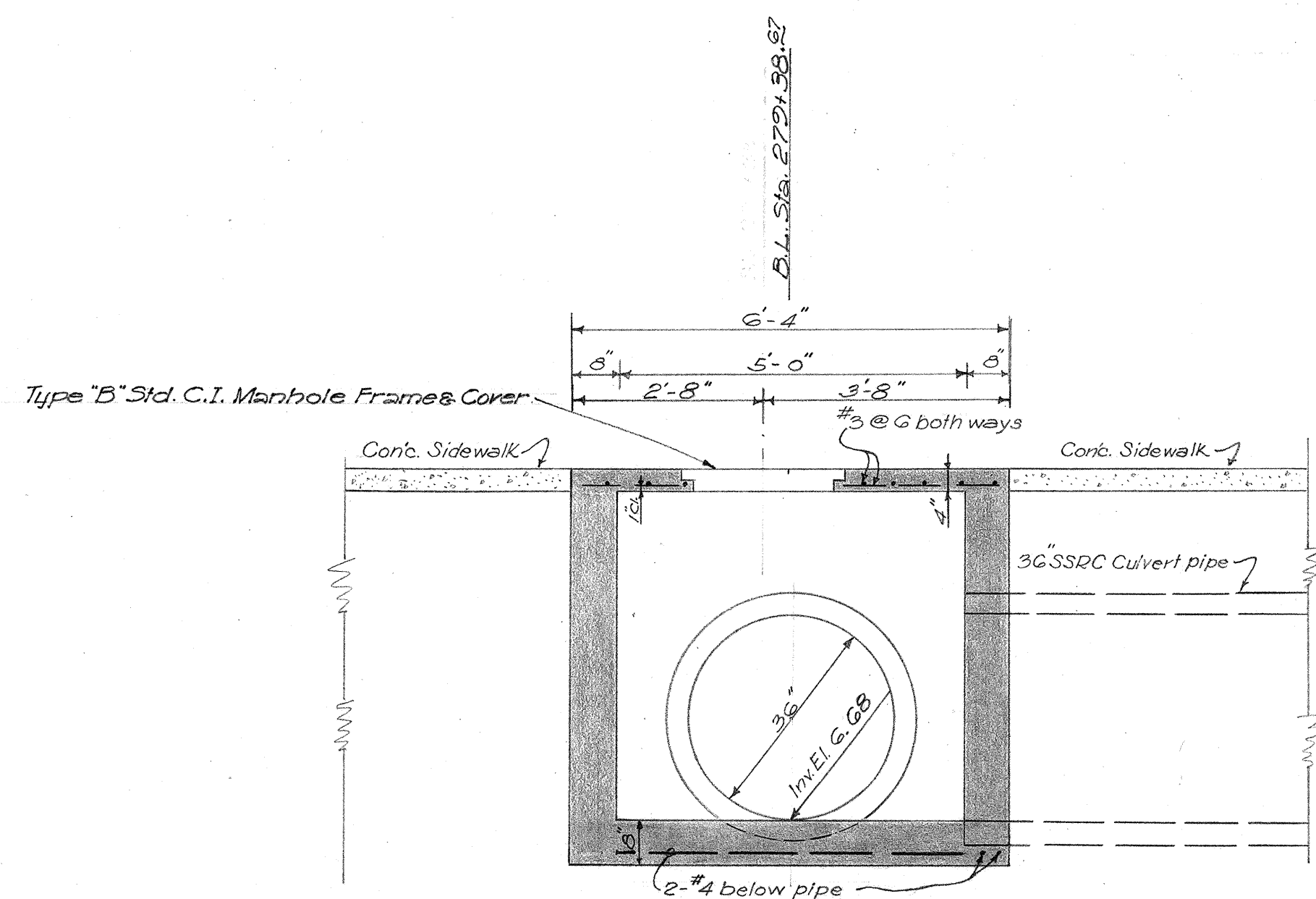


Cross hatched area of Existing Conc. Sidewalk shall be removed, and after completion of SD.M.H., construct Plain Conc. Sidewalk to match existing sidewalk. Removing of existing sidewalk shall be incidental to Item No. 14(1) Uncl. Exc. other than in Bridges.

PLAN - SD.M.H. NO. 7
B. L. STA. 279+30
Scale: 1/2" = 1'-0"

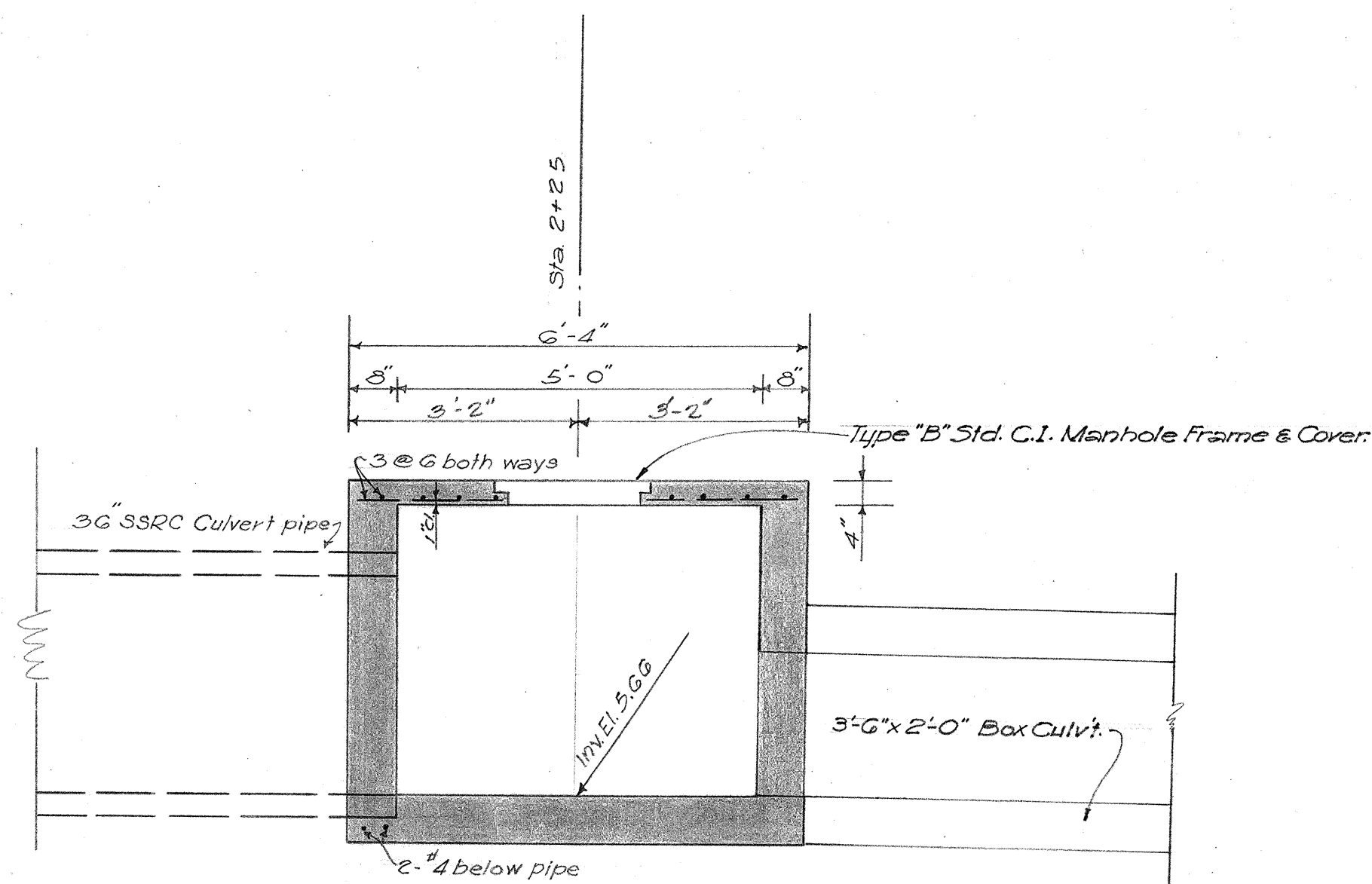


PLAN - SD.M.H. NO. 11
ISENBERG ST. & STA. 2+25
Scale: 1/2" = 1'-0"



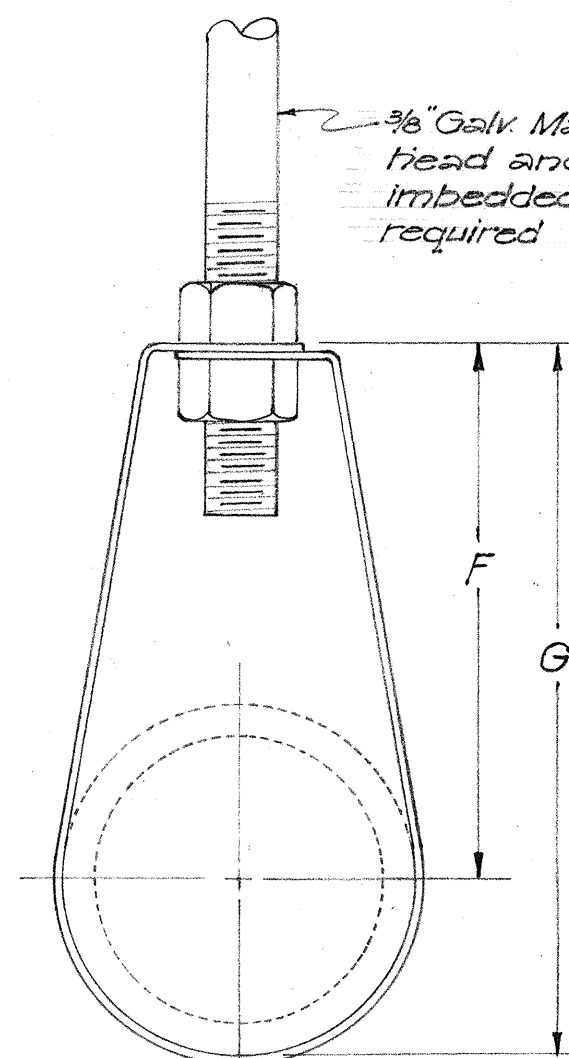
NOTE: Provide 3 Rungs where directed by the Engineer.

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



NOTE: Provide 2 Rungs where directed by the Engineer.

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



NOTE:
Band Hanger shall be No. 262 'G' Crane Catalogue No. 49 or equal.
For Values of 'F' and 'G' See Table below.
Pipe Hangers and Bolts shall be incidental to Item No. 51 (1) Class 'A-1' Concrete other than in Bridges.

DETAIL OF BAND HANGERS FOR PIPES OR CONDUITS

TABLE OF HANGER DIMENSIONS			
Pipe Sizes	No. of Hanger	"F"	"G"
1 1/4" pipe	2	2 3/4"	3 1/4"
1 1/2" pipe or conduit	3	2 3/4"	3 1/4"

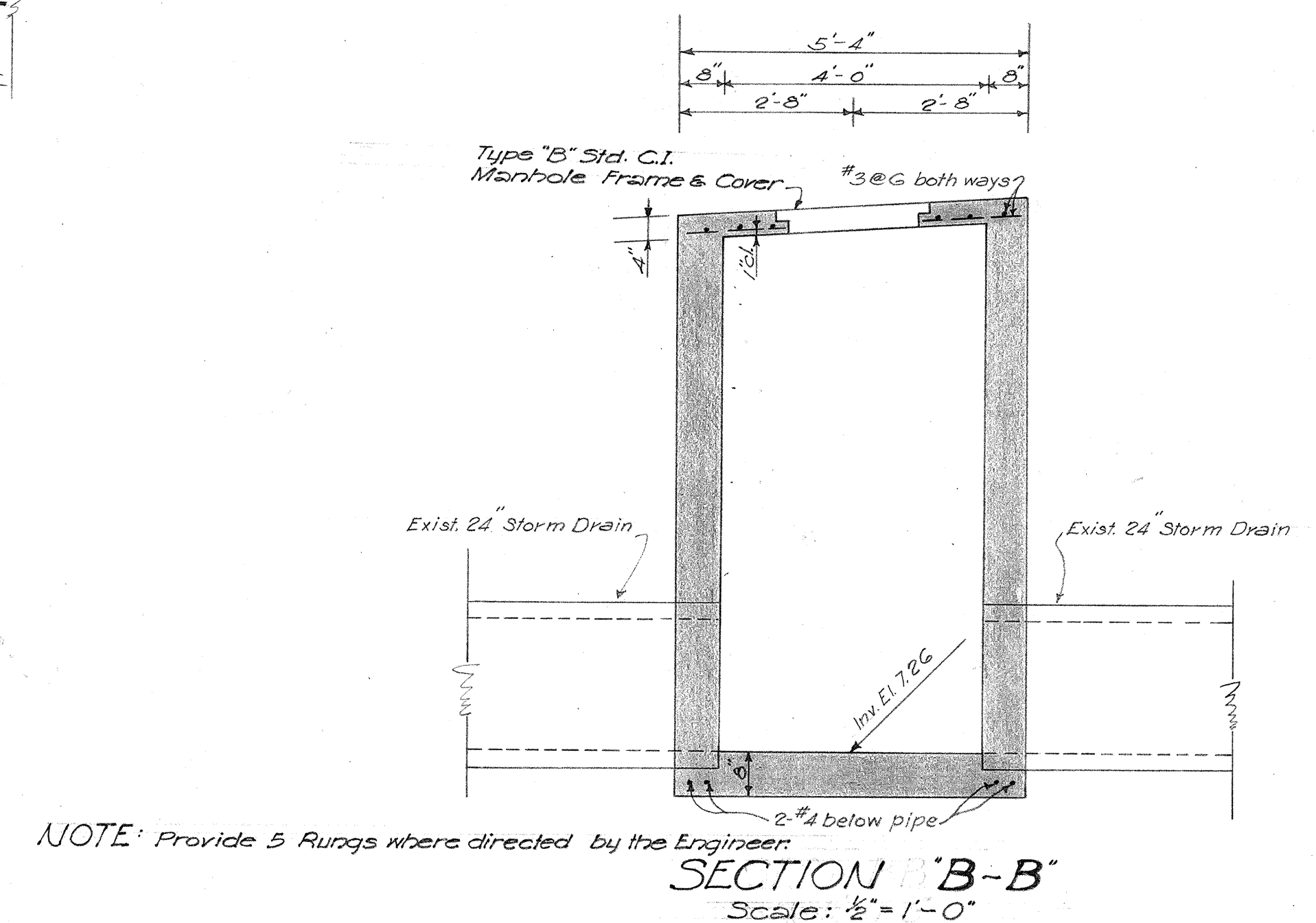
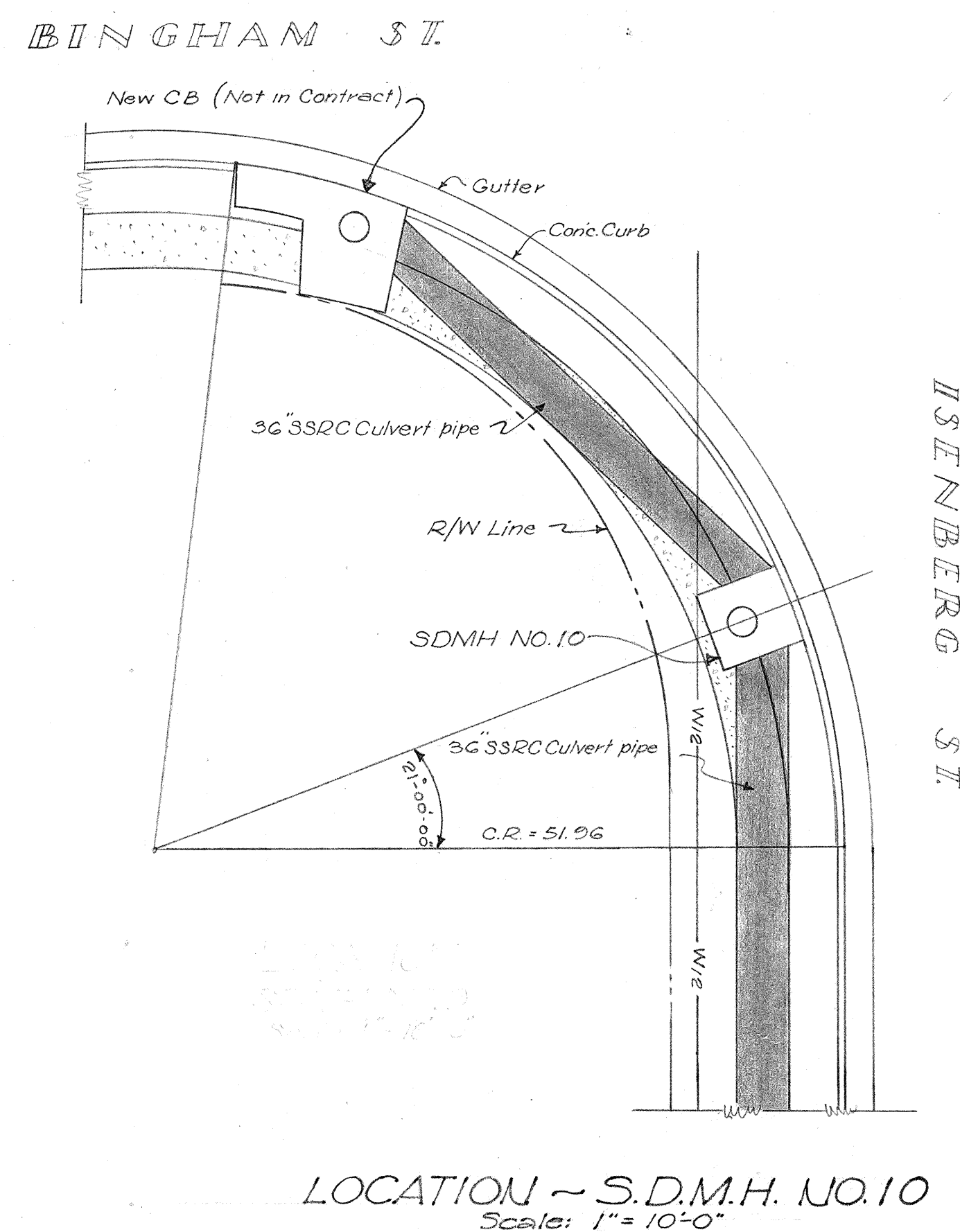
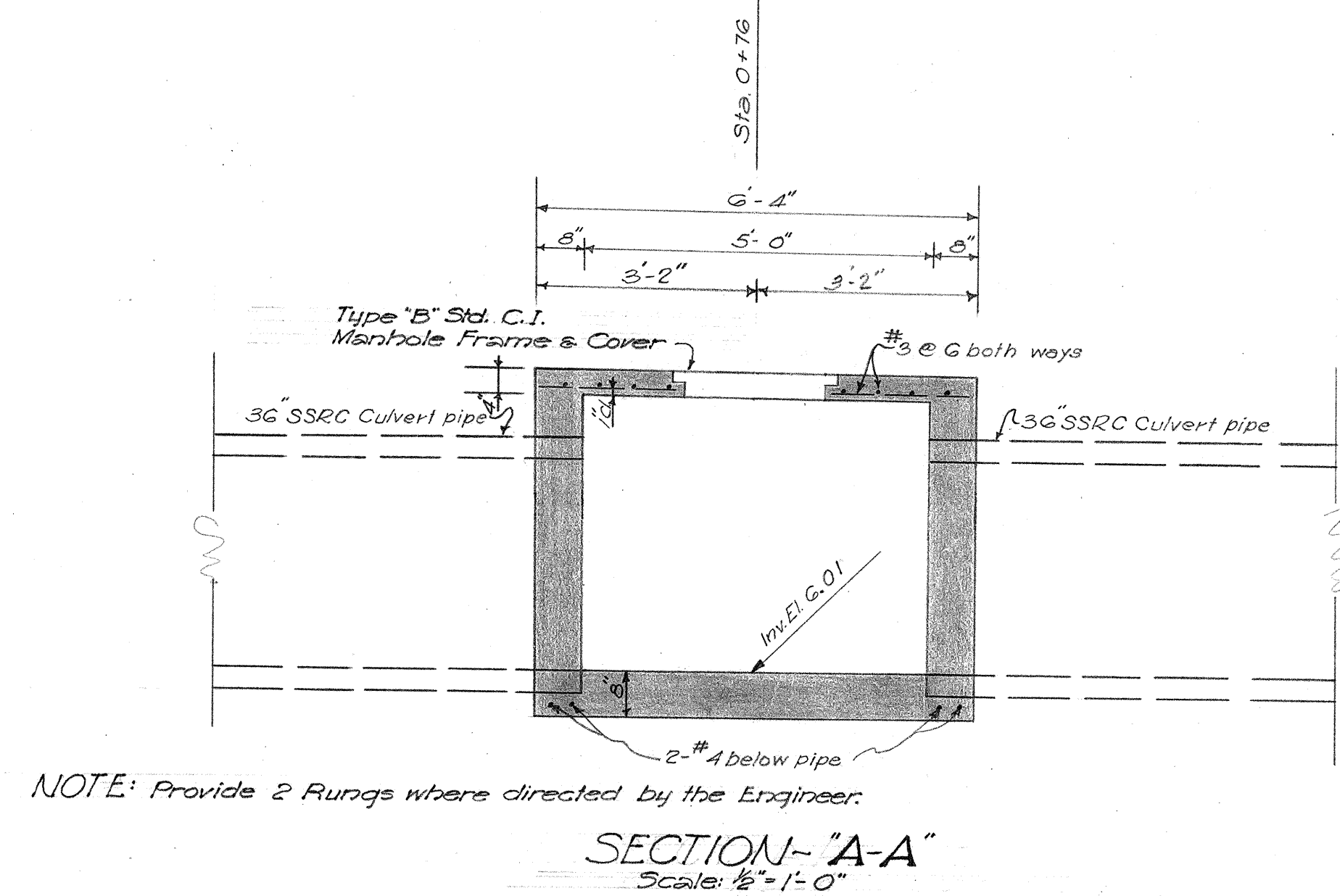
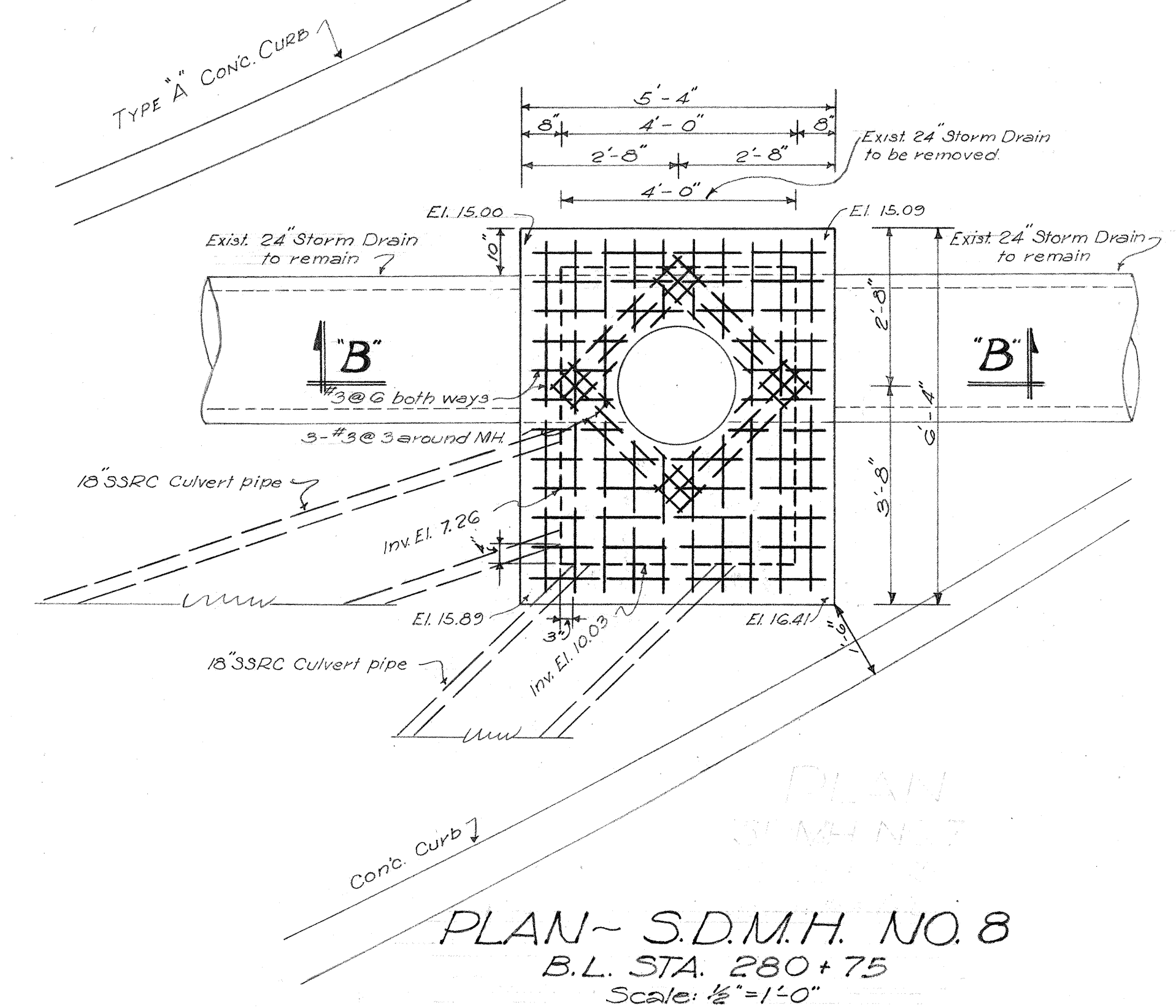
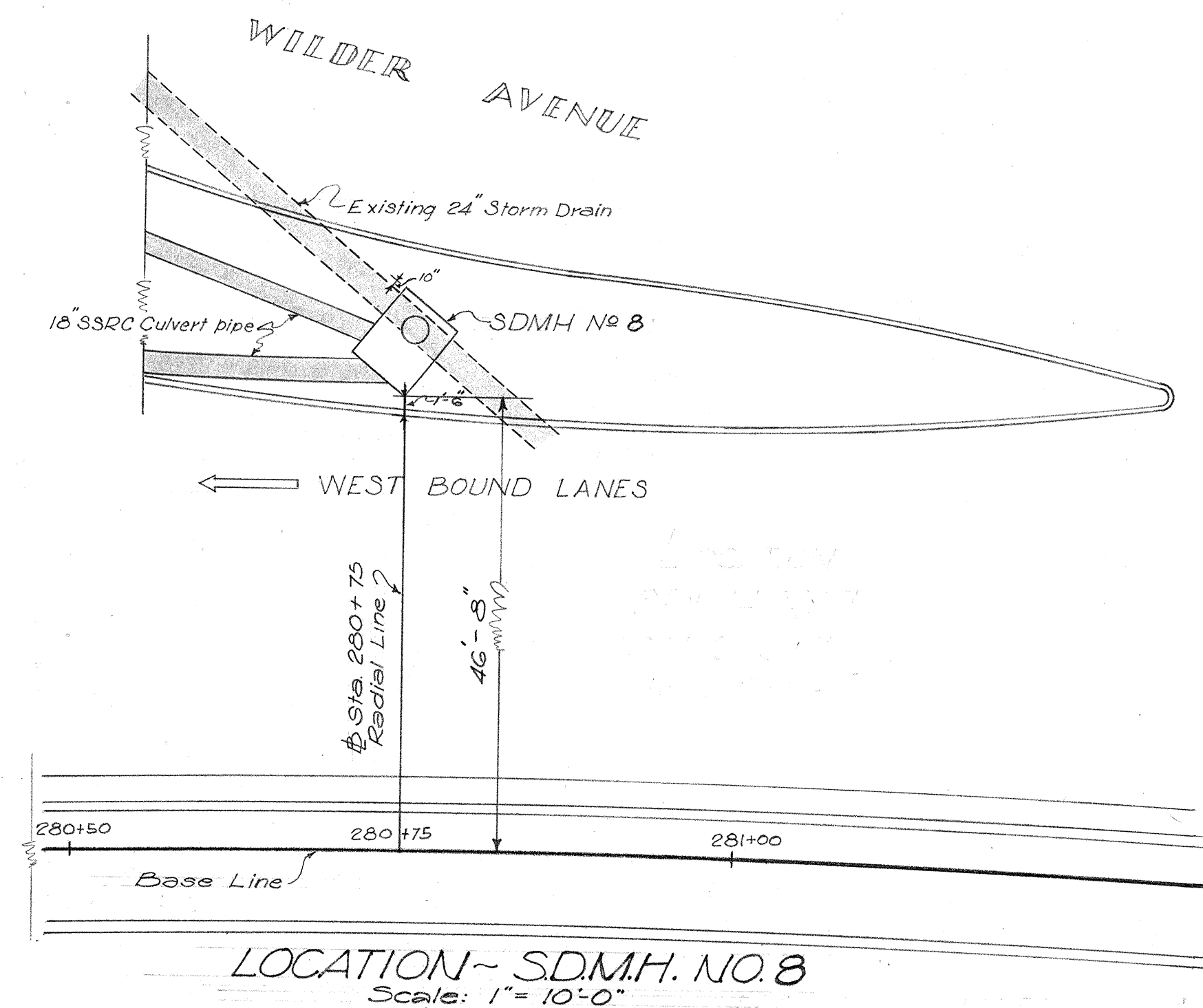
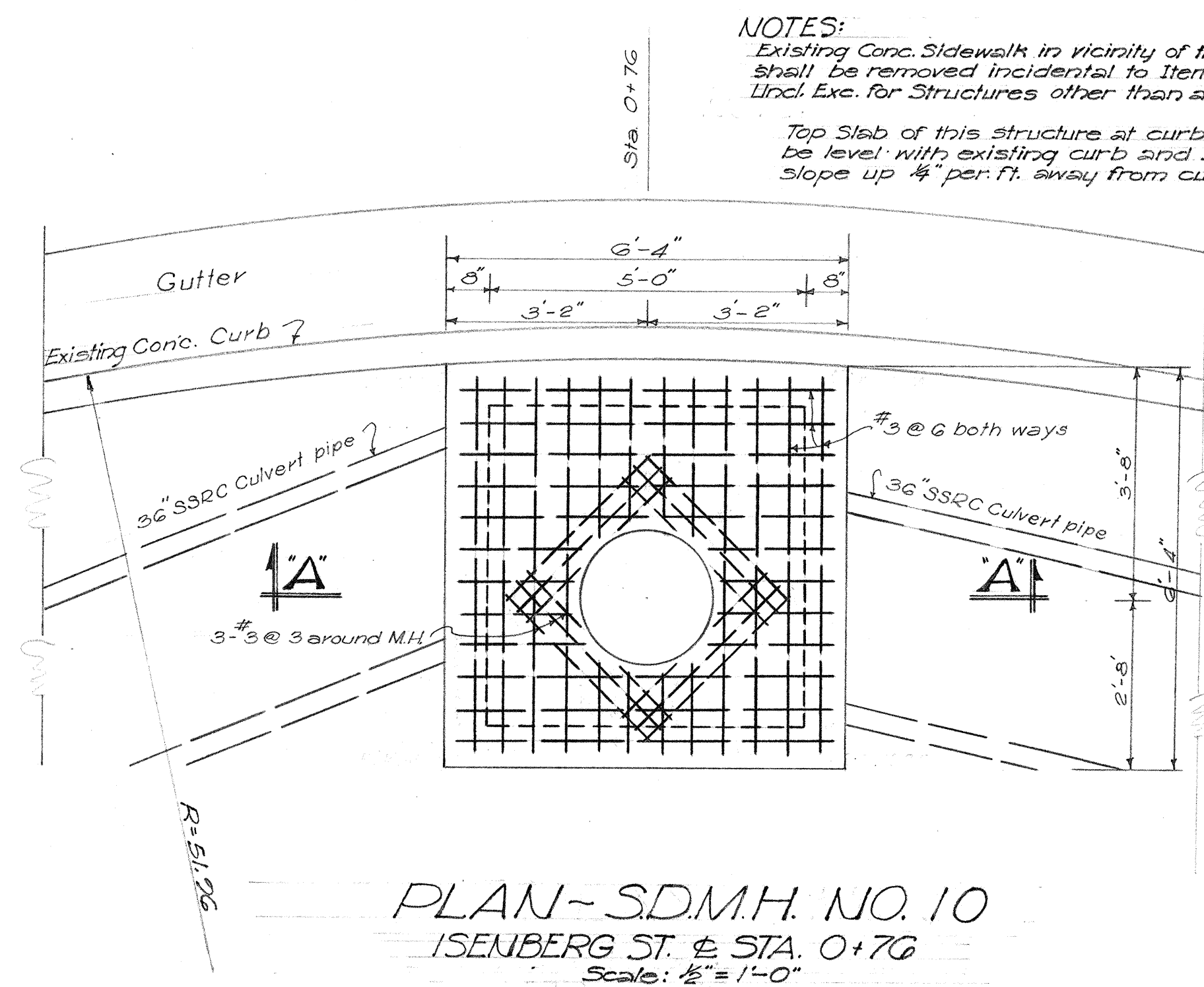
NOTE:
For Detail of Rungs see Sht. No. 5596.4B

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
SD.M.H. NO. 7 & SD.M.H. NO. 11
MAUKA ARTERIAL
ALEXANDER ST. TO ISENBERG ST.
PROJ. NO. F 59 (4)
Scale: As Noted September, 1952

SHEET No. 1 OF 1 SHEETS

5596.43

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	F 59(4)	1952	44	56



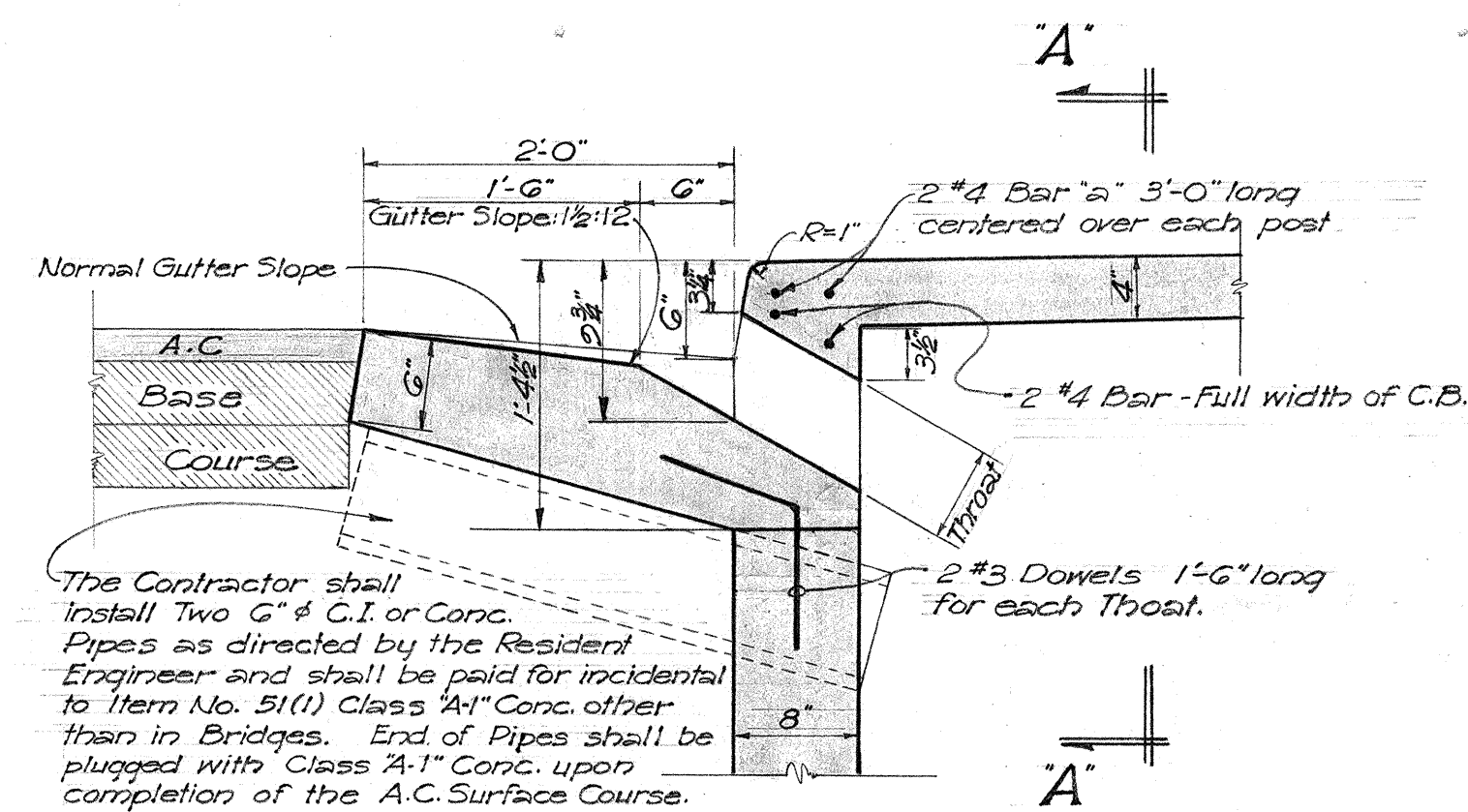
NOTE:
For Detail of Rungs see Sht. No. 5526.43

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
SDMH. NO. 8 & S.D.M.H. NO. 10
MAUKA ARTERIAL
ALEXANDER ST. TO ISENBERG ST.
PROJ. NO. F 59 (4)
Scale: As Noted September, 1952

SHEET NO. 1 OF 1 SHEETS

5596.44

DESIGNED BY	DATE
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK No.	



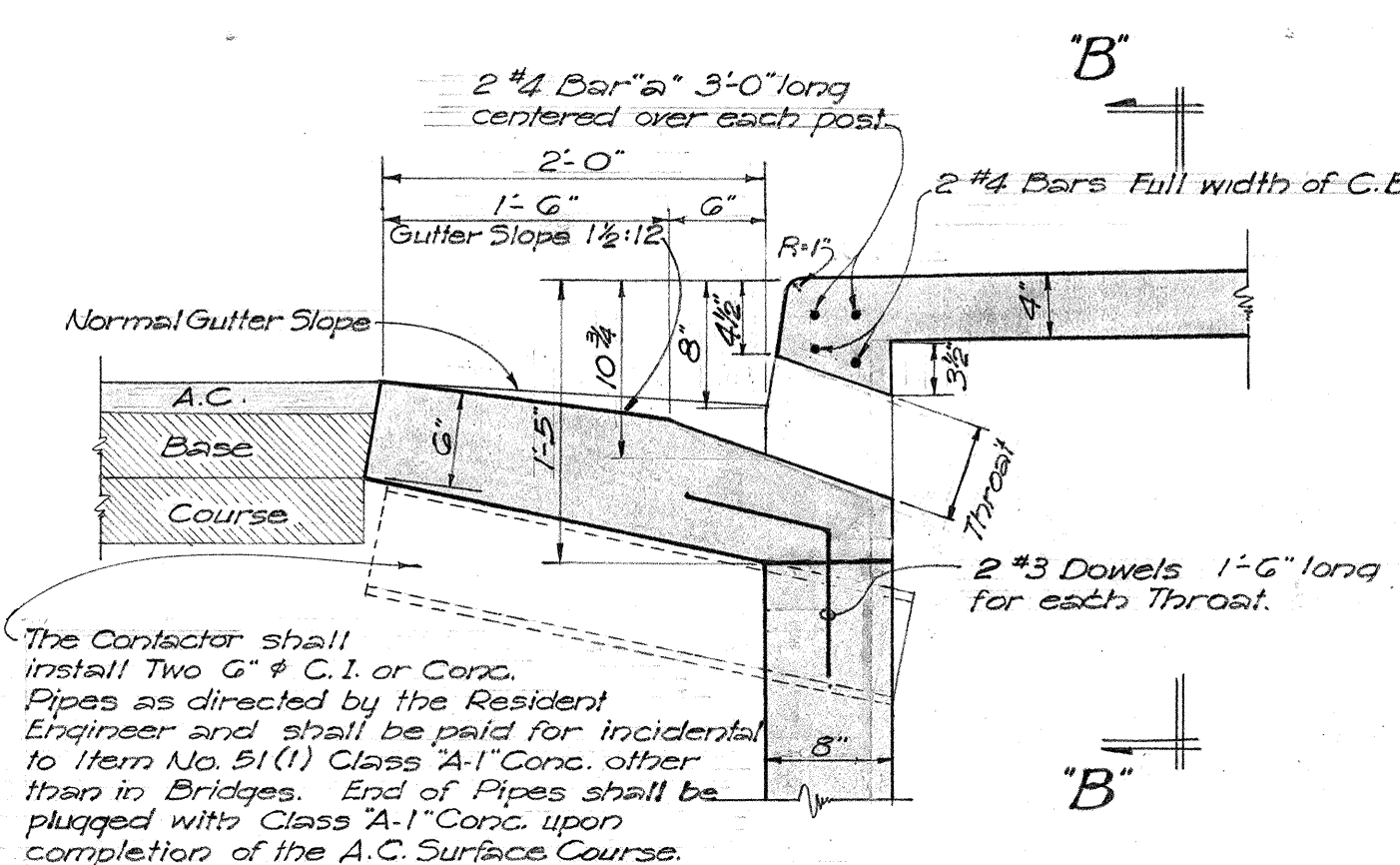
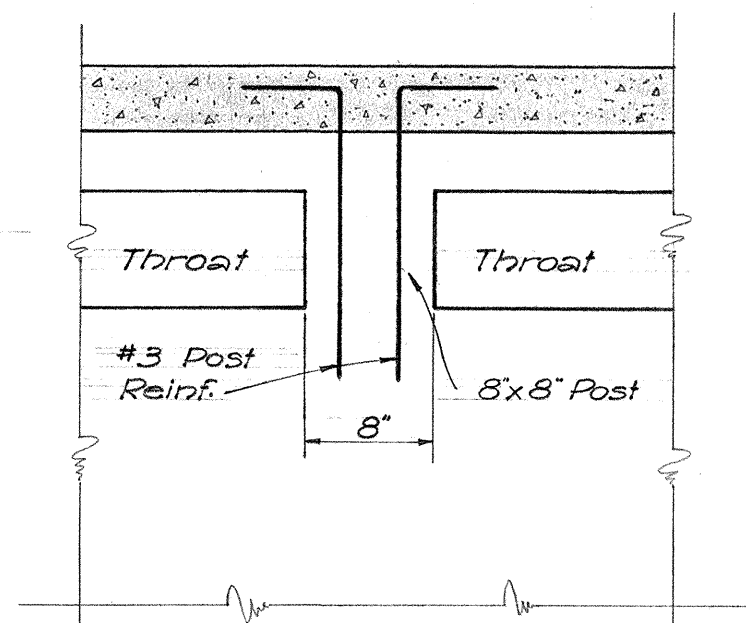
TYPICAL SECTION

SECTION 'A-A'

TYPICAL THROAT DETAILS

Scale: 1" = 1'-0"

NOTE:
Gutter apron concrete quantities shall be included as a part of Catch Basins.

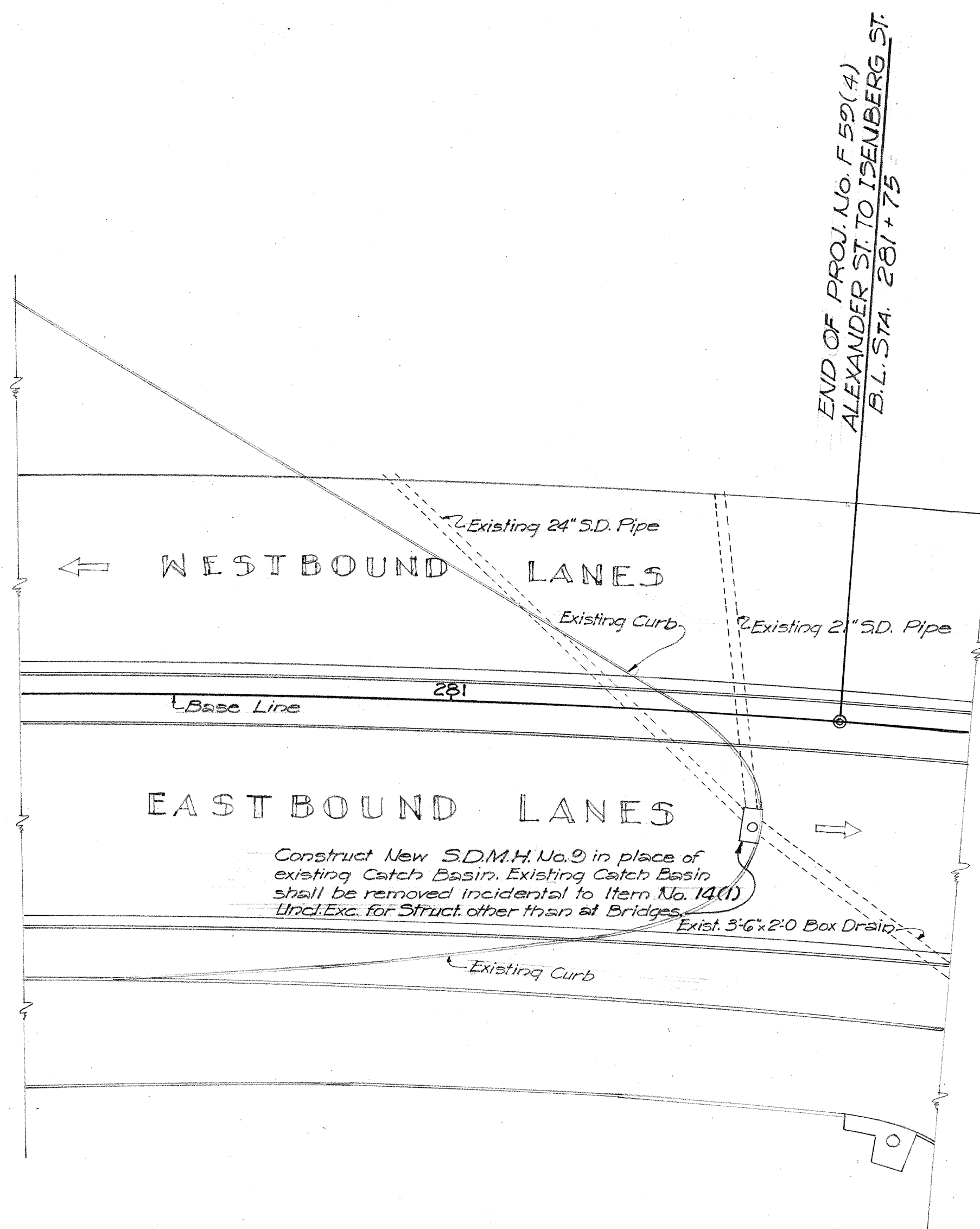


TYPICAL SECTION

SECTION 'B-B'

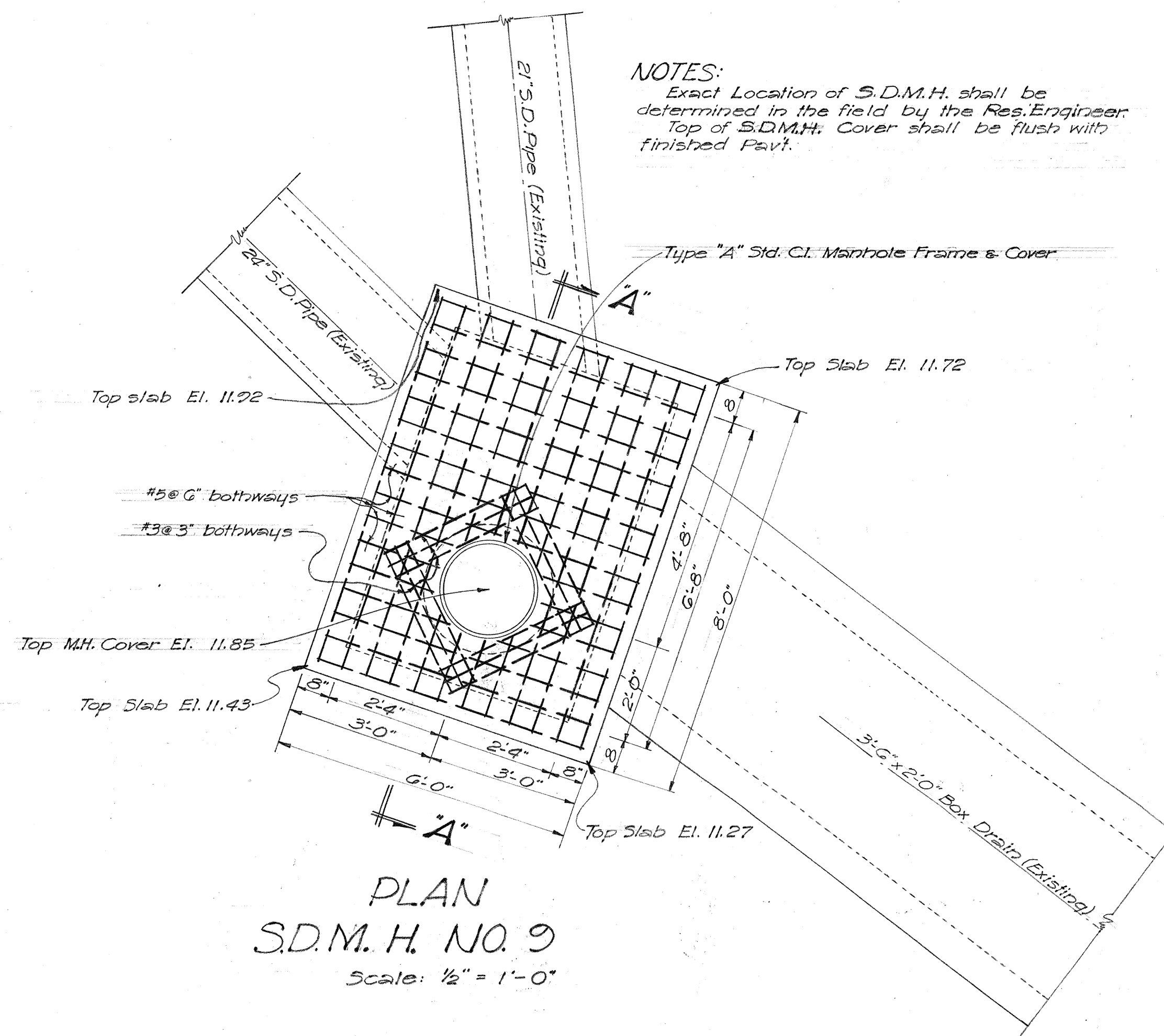
SPECIAL THROAT DETAILS
FOR BINGHAM ST. CATCH BASINS

Scale: 1" = 1'-0"

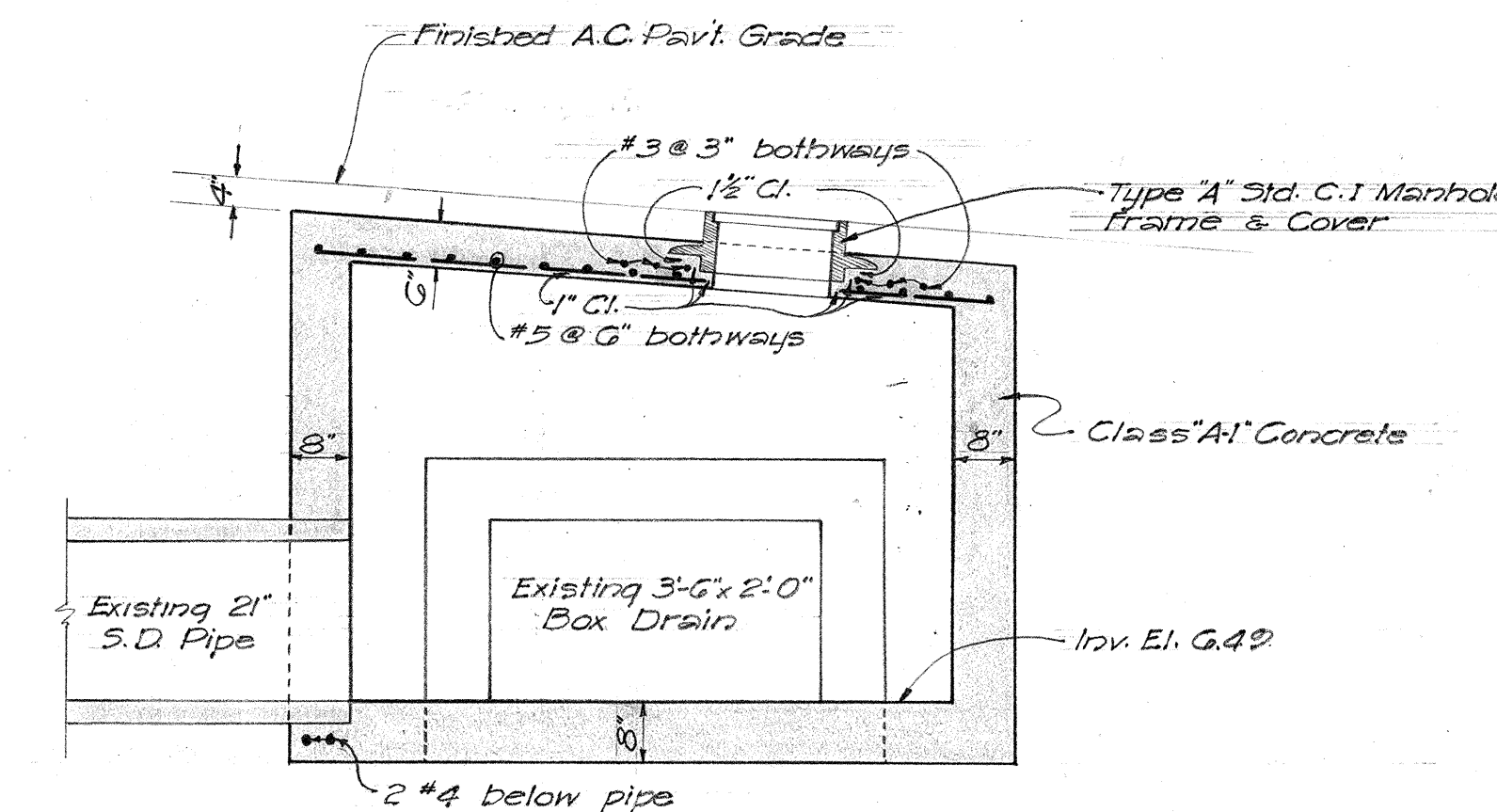


LOCATION S.D.M.H. NO. 9

Scale: 1" = 20'-0"



NOTES:
Exact Location of S.D.M.H. shall be determined in the field by the Res. Engineer.
Top of S.D.M.H. Cover shall be flush with finished Pavt.



NOTE: Provide 3 Rungs where directed by the Engineer

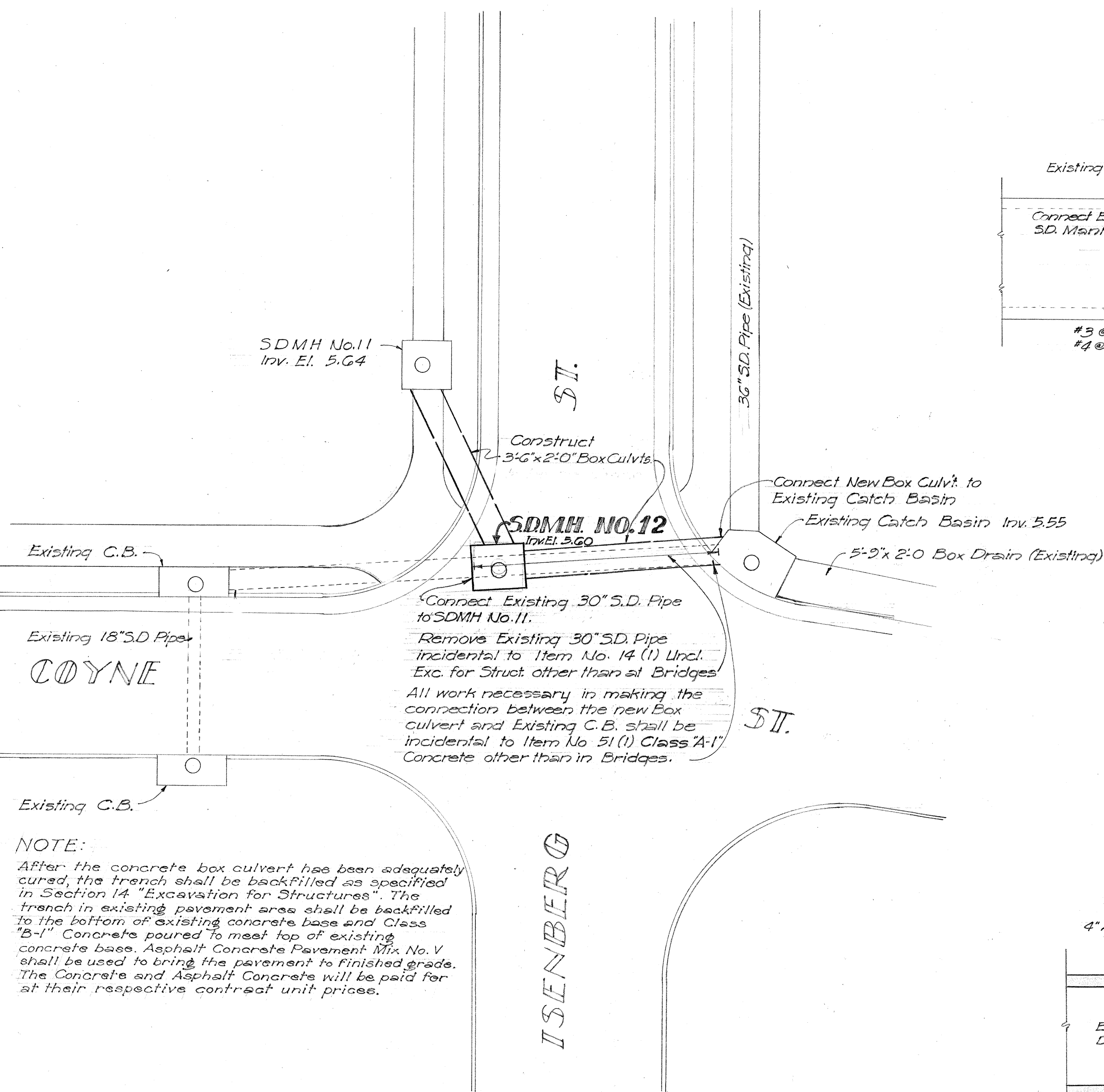
SECTION 'A-A'

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

NOTE:
For Detail of Rungs see Sht. No. 5596.45

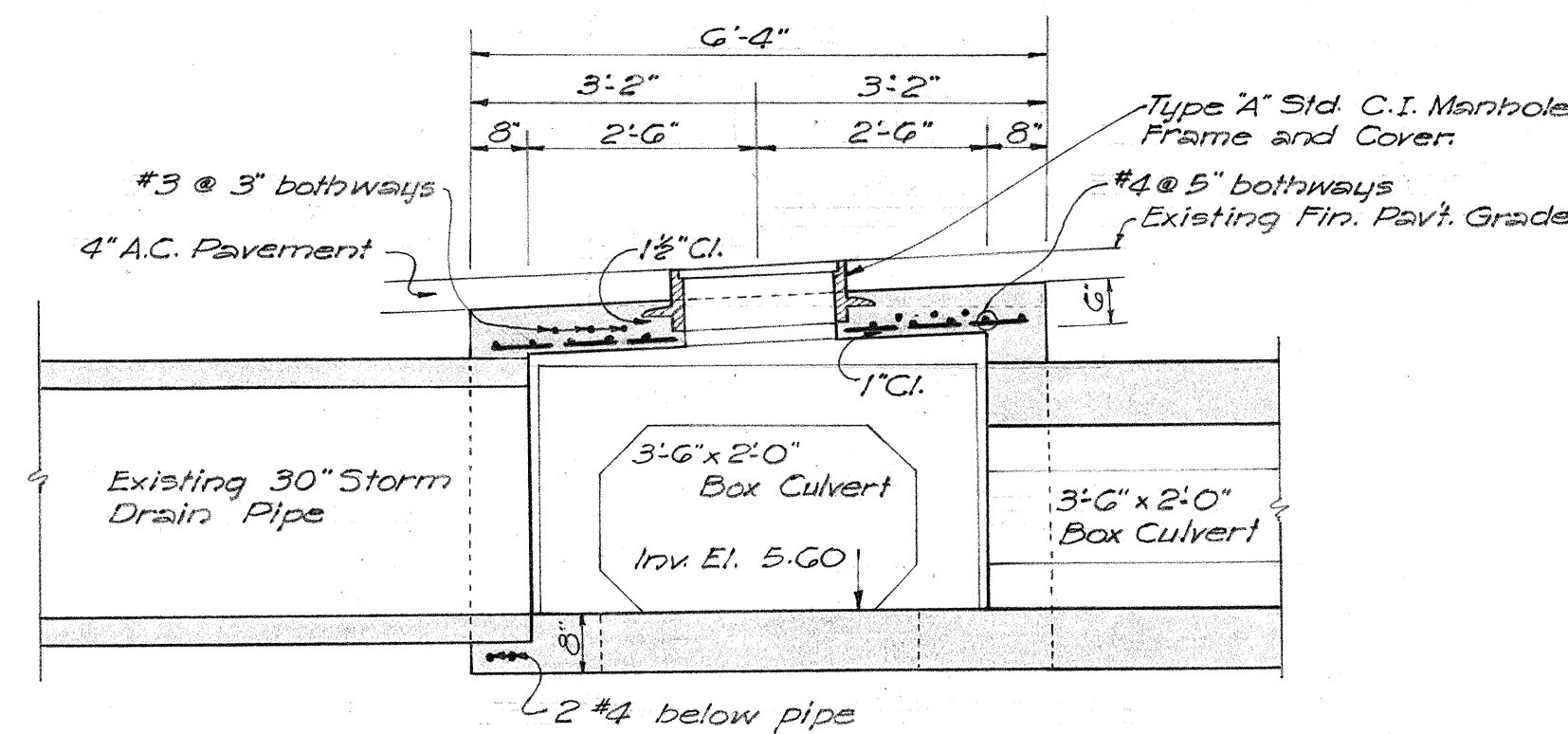
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
S.D.M.H. NO. 9 & C.B. DETAILS
MAUKA ARTERIAL
ALEXANDER ST. TO ISENBERG ST.
PROJ. NO. F 59(4)
Scale: As Noted
September, 1952
SHEET NO. 1 OF 1 SHEETS

5596.45



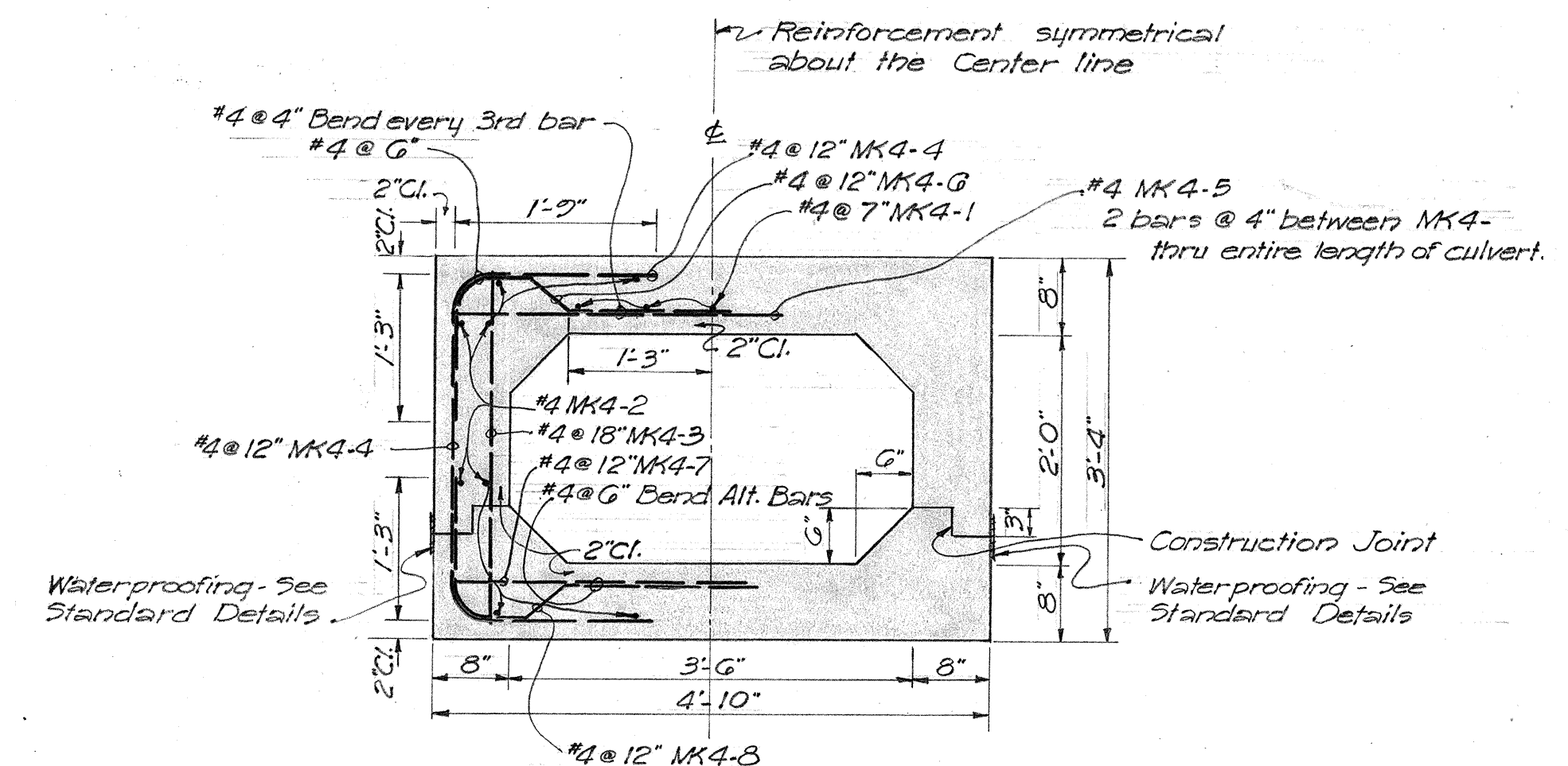
PLAN - S.D.M.H. NO. 12
Scale: 1/2" = 1'-0"

NOTE:
Top of Storm Drain Manhole Cover to be set flush with existing Pavement.
All elevations to be verified in the field.
Exact location of S.D.M.H. No. 11 to be determined in the field by the Engineer.



NOTE: Provide 1 Rung where directed by the Engineer.

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



TYPICAL SECTION -
3'-6" x 2'-0" BOX CULVERT
Scale: 3/4" = 1'-0"

NOTE:
For Detail of Rungs see Sht. No. 5526.46

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
S.D.M.H. NO. 12 & BOX CULV'T.
MAUKA ARTERIAL
ALEXANDER ST. TO ISENBERG ST.
PROJ. NO. F 59 (4)
Scale: As Noted September, 1952

SHEET No. 1 OF 1 SHEETS

5596.46

DATE: _____
SURVEY PLOTTED BY: _____
DESIGNED BY: _____
DRAWN BY: _____
NOTE BOOK: _____
QUANTITIES CHECKED BY: _____
No. _____

LOCATION OF S.D.M.H. NO. 12
Scale: 1" = 10'-0"