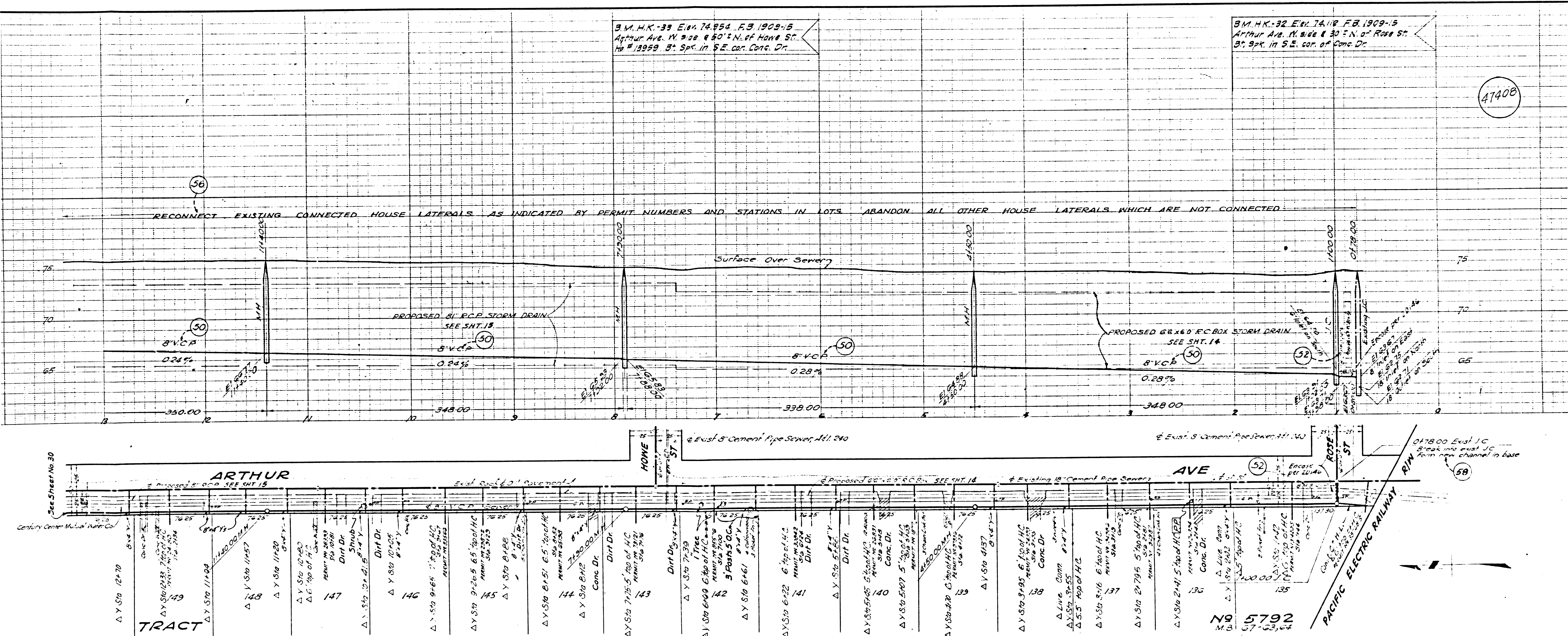


47408

B.M. H.K.-39 Elev. 74.954 F.B. 1909-15
Arthur Ave. N. 300' & 50' N. of Howe St.
No. 19959 3" Sp. in S.E. cor. Conc. Dr.

B.M. H.K.-32 Elev. 74.118 F.B. 1909-15
Arthur Ave. N. 300' & 30' N. of Rose St.
3" Sp. in S.E. cor. of Conc. Dr.

RECONNECT EXISTING CONNECTED HOUSE LATERALS AS INDICATED BY PERMIT NUMBERS AND STATIONS IN LOTS ABANDON ALL OTHER HOUSE LATERALS WHICH ARE NOT CONNECTED



△ Changed from Cement-Mortar Joint to use of 8\"/>

△ Changed location of Mainline S.S. fr. 22' W. of @ Arthur Ave. to 21' W. of @ Arthur Ave. fr. Sta. 4+50 to Sta. 24+98.

REF. P.C. # 9792 COUNTY STORM DRAIN BOND ISSUE

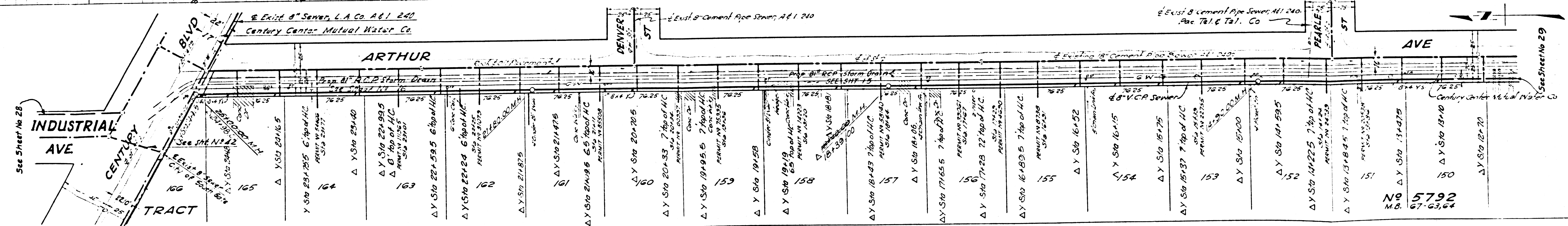
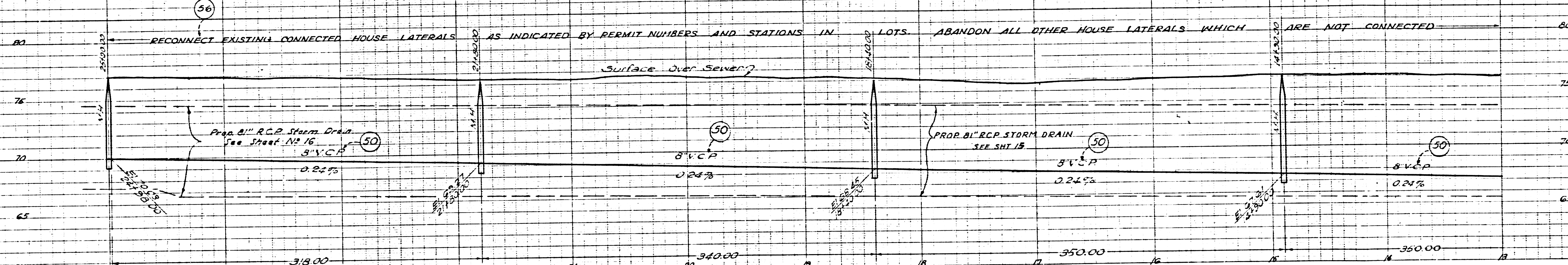
PREPARED BY JOHN A. LAMBIE COUNTY ENGINEER RECOMMENDED BY <i>[Signature]</i> SANITATION ENGINEER	REVISIONS <table border="1"> <tr> <th>MARK</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>△</td> <td>3-10-61</td> <td>As Built</td> </tr> </table>	MARK	DATE	DESCRIPTION	△	3-10-61	As Built	LOS ANGELES COUNTY FLOOD CONTROL DISTRICT PROJECT NO. 19 HOLLYDALE A LINE 2 SANITARY SEWER RECONSTRUCTION PLAN AND PROFILE
MARK	DATE	DESCRIPTION						
△	3-10-61	As Built						
DRAWN BY R. J. WING CHECKED BY R. J. WING DATE NOV 1956	DESIGNED BY R. J. WING SUBMITTED BY M. H. GIBSON DATE NOV 1956	APPROVED BY <i>[Signature]</i> CHIEF ENGINEER SCALE: 1" = 40' DATE: NO. 18-19-DI.29 AUG 1957 SHEET 29 OF 47						

34 1/2" IN. ELEV. R. 200 9/17

47409

3 M.H.K.-35 Ekv. 76 673 E.B. 1909-16
Arthur Ave. E. side & 40' S. of Denver St.
No. 13802 Bt. Spk. in Conc. Walk E.E. of N. end.

3 M.H.K.-34 Ekv. 76 649 E.B. 1909-15
Arthur Ave. N. side & 25' S. of Pearl St.
No. 13903 Bt. Spk. in Conc. Walk E.W. of S. end.



No 5792
M.B. 67-63,64

CITY OF PARAMOUNT

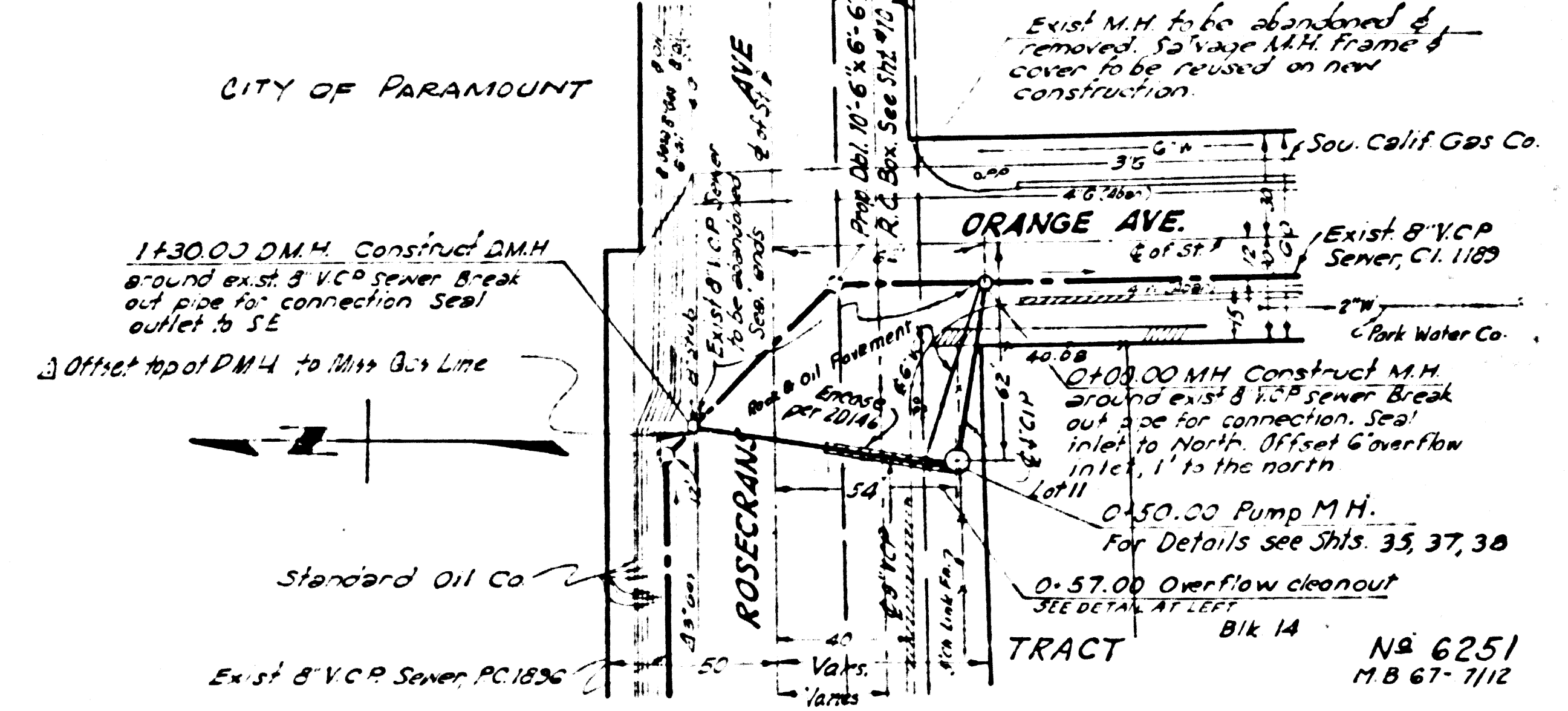
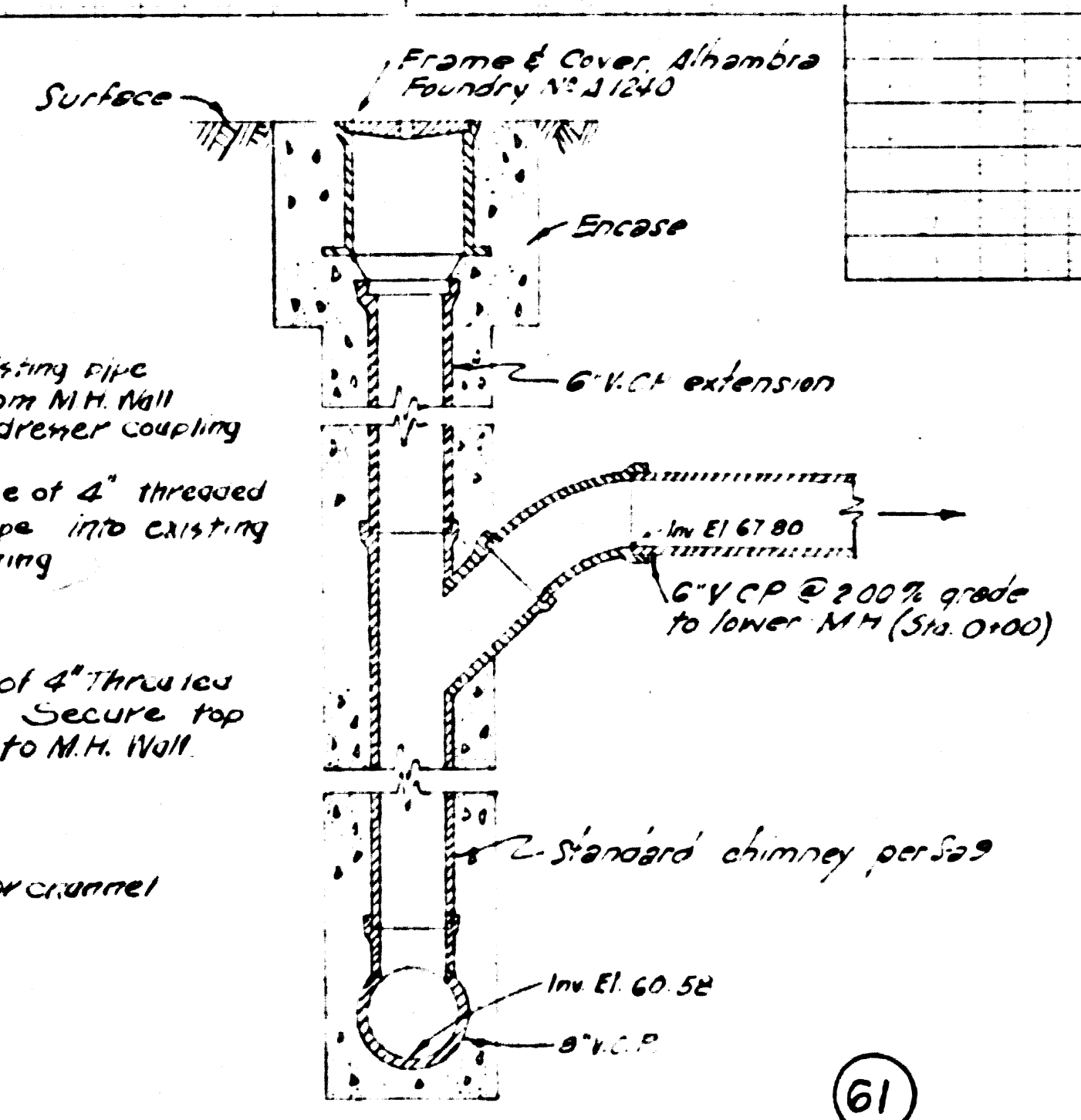
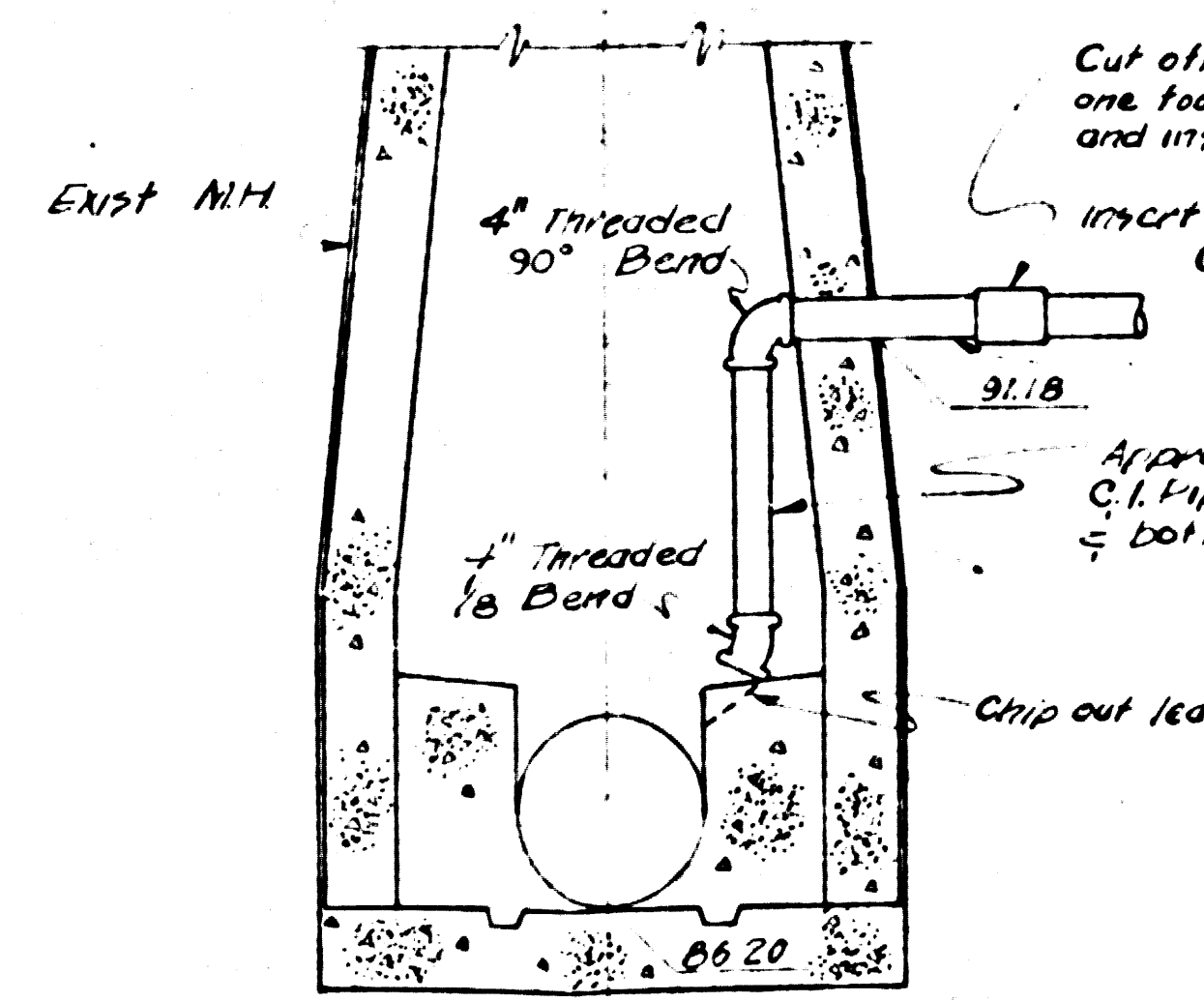
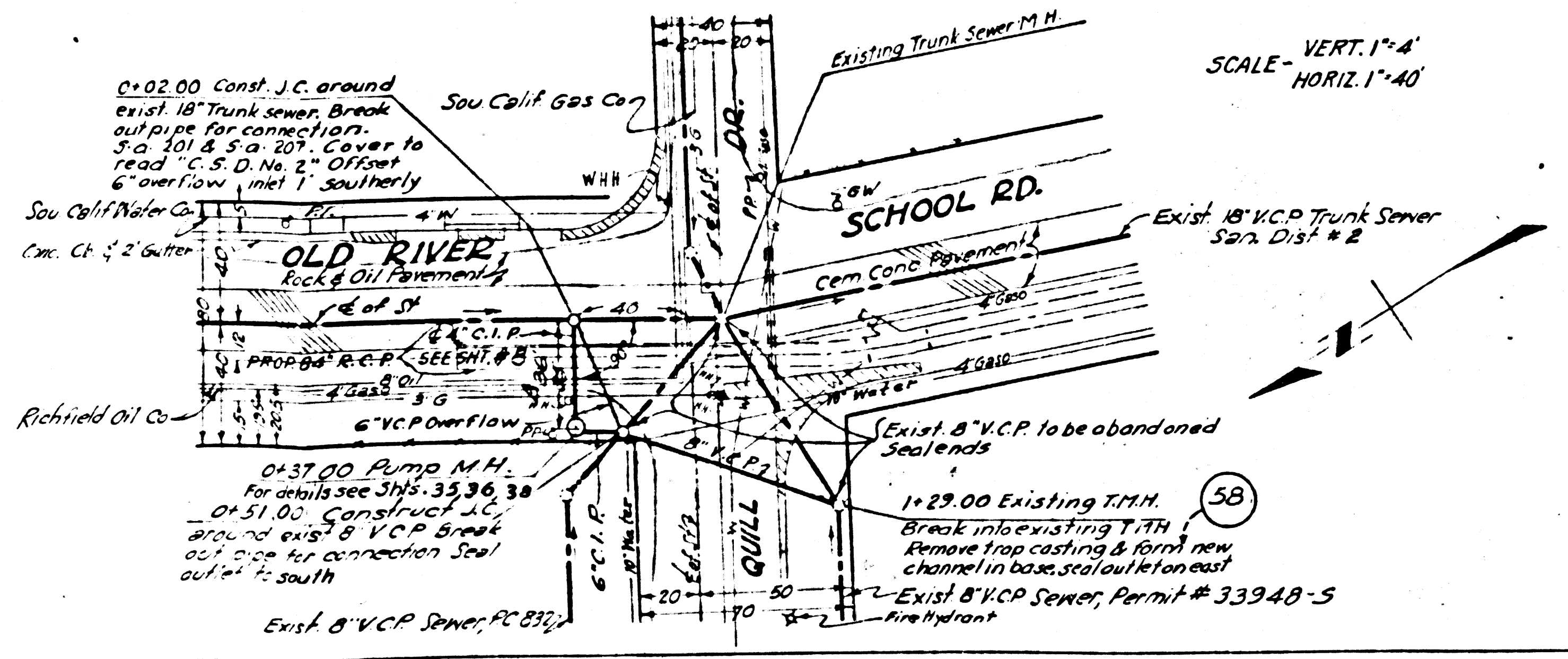
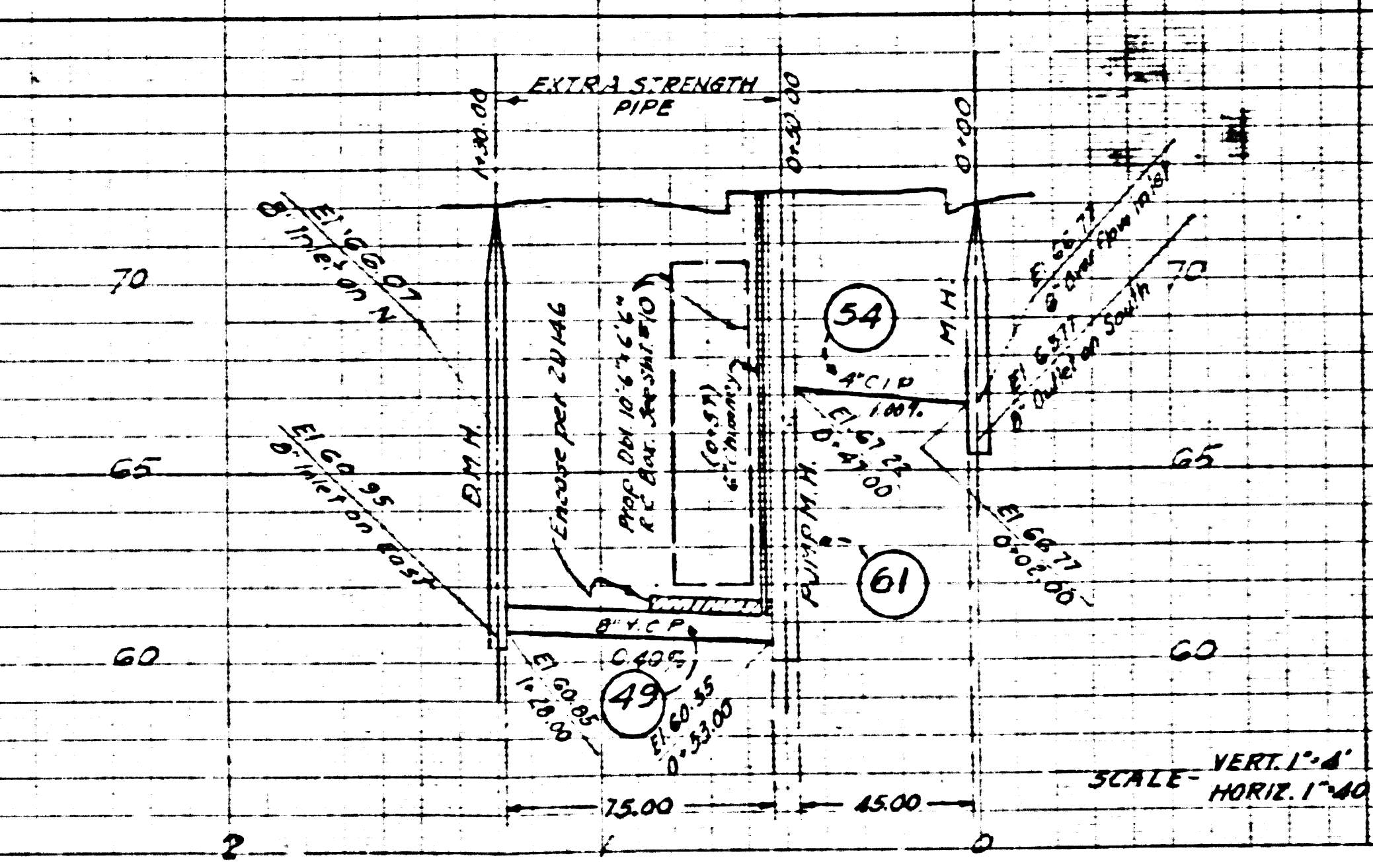
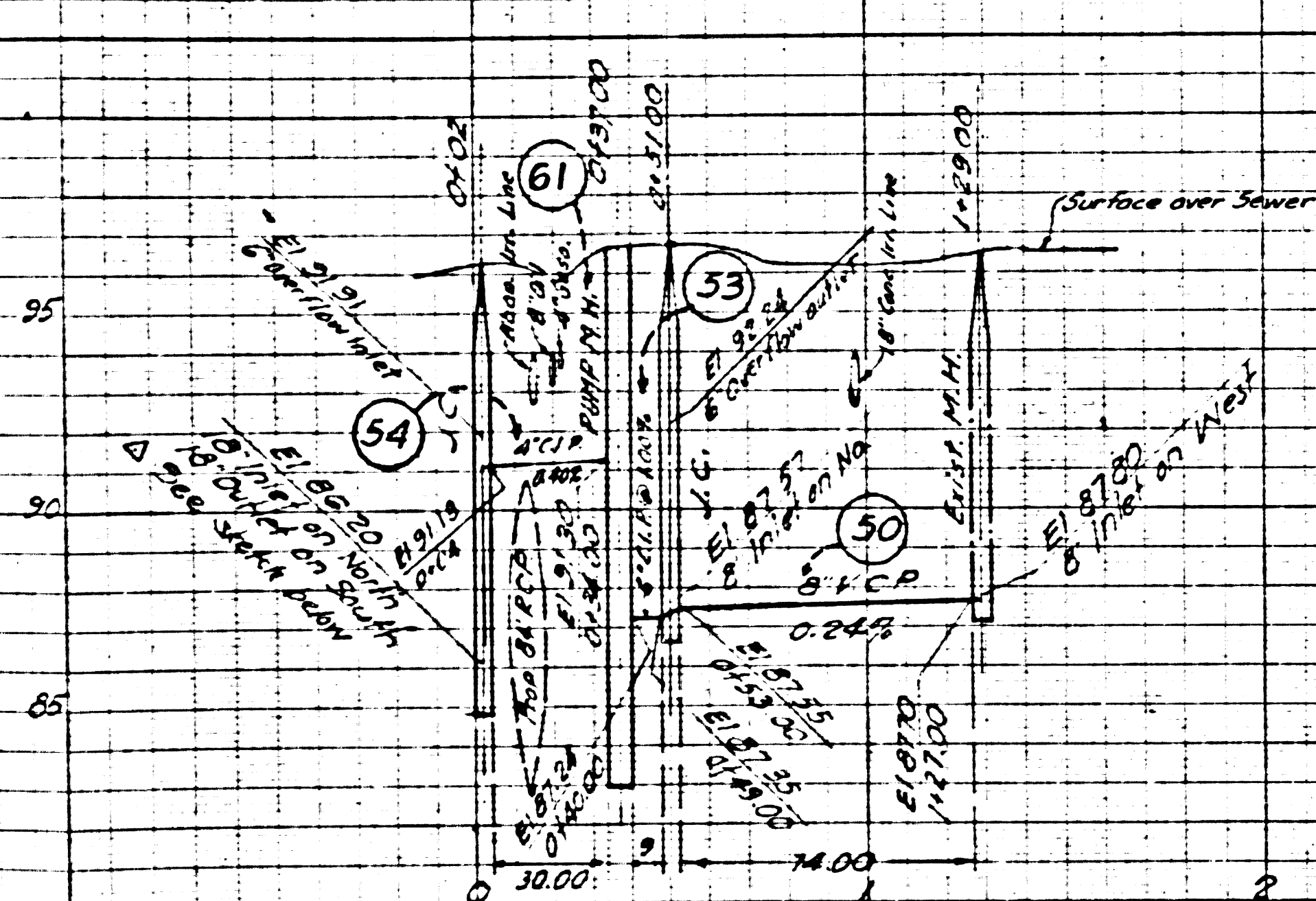
REF. P.C. # 9792 COUNTY STORM DRAIN BOND ISSUE

PREPARED BY JOHN A. LAMBIE COUNTY ENGINEER RECOMMENDED BY <i>[Signature]</i> SANITATION ENGINEER	REVISIONS MARK DATE DESCRIPTION Δ 3-10-61 In Cont.		LOS ANGELES COUNTY FLOOD CONTROL DISTRICT PROJECT NO. 19 HOLLYDALE A LINE 2 SANITARY SEWER RECONSTRUCTION PLAN AND PROFILE
	DRAWN BY E. J. W. 2 TRACED BY E. J. W. 2 CHECKED BY E. A. VOGEL	DESIGNED BY E. J. W. 2 SUBMITTED BY E. J. W. 2 DATE NOV. 1956	

B.M. H.K. - 54 Elev. 97.193 F.B. 1929-23
 O.W. River School Rd. E. 976.185 E.N. of
 Quill Dr. B.C. Spk. in N. N. Cor. conc. gr.

B.M. H.K. - 23 Elev. 71.942 F.B. 1929-11
 Rosecrans Ave. & Orange Ave. S.W. Cor.
 B.C. Spk. in S.E. 1/4 of N. and O.R.

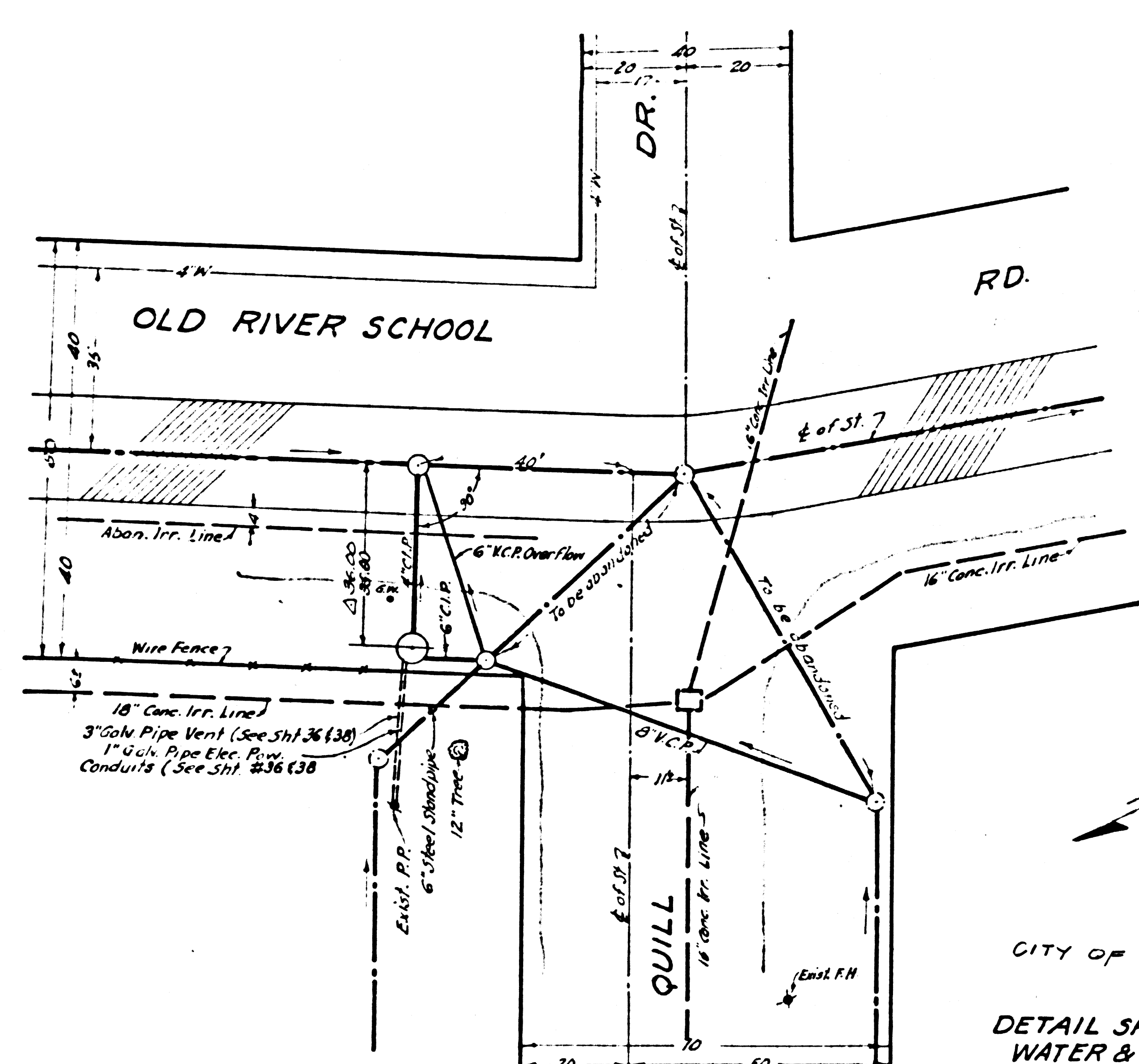
47410



CITY OF DOWNEY

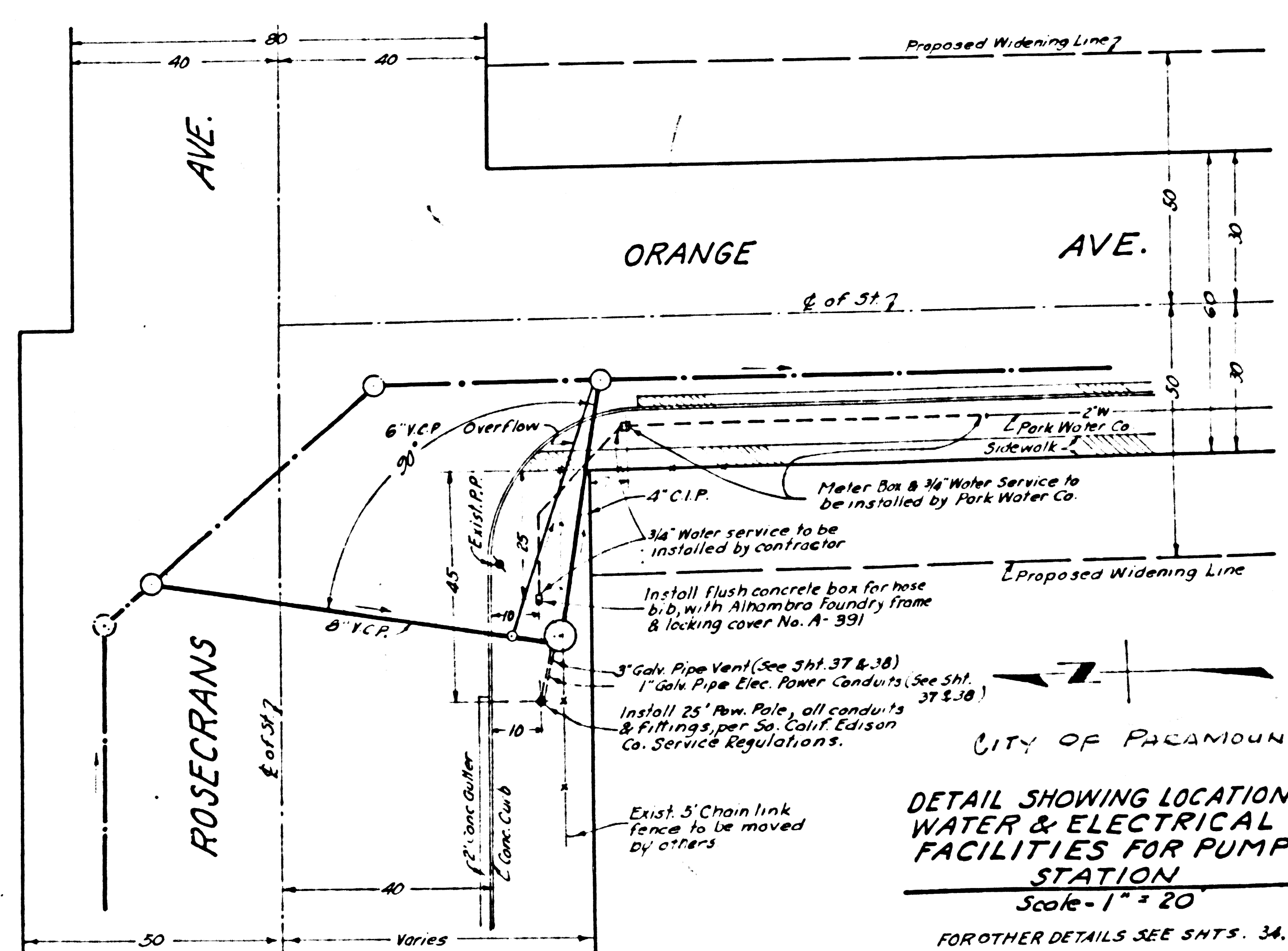
REF. P.C. # 9792		COUNTY STORM DRAIN BOND ISSUE	
PREPARED BY JOHN A. LAMBIE COUNTY ENGINEER	REVISIONS MARK DATE DESCRIPTION Δ 3-10-6 4 1/2 built	LOS ANGELES COUNTY FLOOD CONTROL DISTRICT PROJECT NO 19 HOLLYDALE A LINES 1 & 2 SANITARY SEWER RECONSTRUCTION PLAN AND PROFILE	
RECOMMENDED BY <i>C. P. Collins</i>	DESIGNED BY <i>C. P. Collins</i>	APPROVED BY <i>H. H. ...</i>	DATE AUG 1957
DRAWN BY <i>R. L. ...</i>	CHECKED BY <i>R. L. ...</i>	DATE AUG 1957	NO. 184-19-D1.34 SHEET 34 OF 47

47411



CITY OF DOWNEY
 DETAIL SHOWING LOCATION OF
 WATER & ELECTRICAL FACILITIES
 FOR PUMP STATION
 Scale - 1" = 20'
 FOR OTHER DETAILS SEE SHTS. 34, 36, 38

61



CITY OF PARAMOUNT
 DETAIL SHOWING LOCATION OF
 WATER & ELECTRICAL
 FACILITIES FOR PUMP
 STATION
 Scale - 1" = 20'
 FOR OTHER DETAILS SEE SHTS. 34, 37, 38

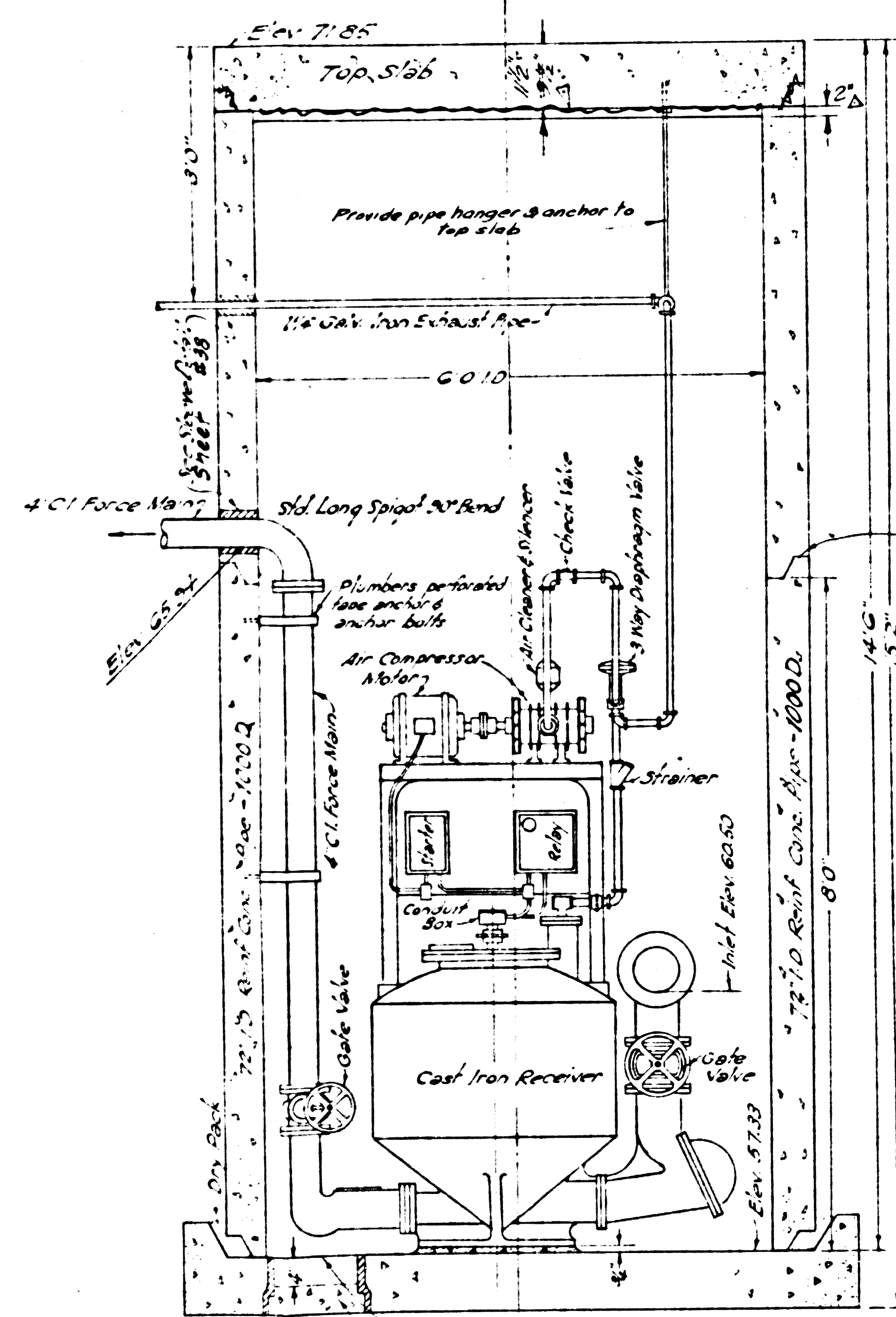
61

REF. P.C. # 9792

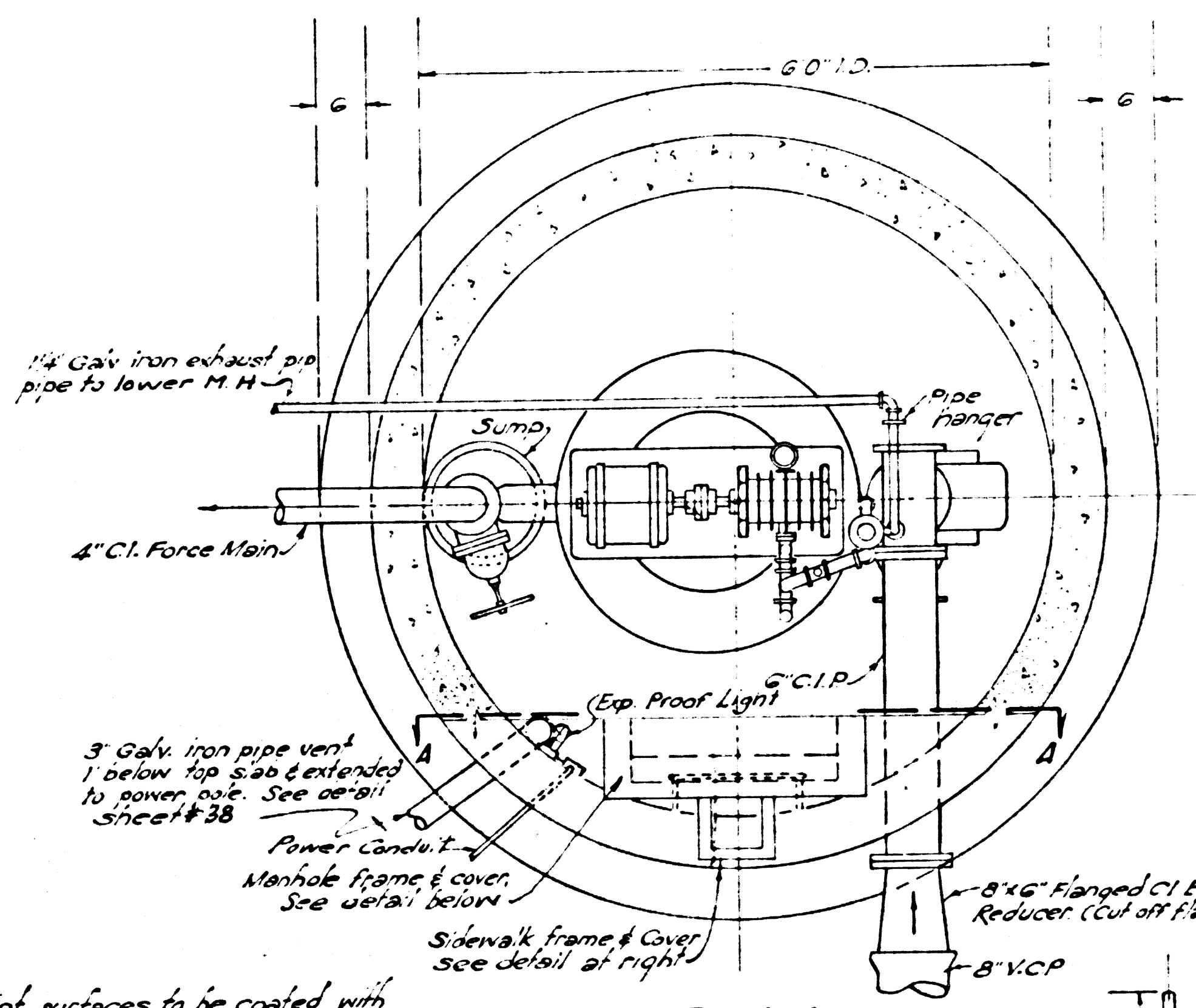
COUNTY STORM DRAIN BOND ISSUE

PREPARED BY JOHN A. LAMBIE COUNTY ENGINEER		REVISIONS <table border="1"> <tr> <th>MARK</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>Δ</td> <td>3-10-6</td> <td>As Built</td> </tr> </table>		MARK	DATE	DESCRIPTION	Δ	3-10-6	As Built	LOS ANGELES COUNTY FLOOD CONTROL DISTRICT PROJECT NO. 19 HOLLYDALE A LINES 1 & 2 SANITARY SEWER RECONSTRUCTION PUMP STATION DETAILS	
MARK	DATE	DESCRIPTION									
Δ	3-10-6	As Built									
RECOMMENDED BY <i>[Signature]</i> CONSTRUCTION AND STORM DRAIN ENGINEER		DRAWN BY <i>[Signature]</i> DESIGNED BY <i>[Signature]</i> CHECKED BY <i>[Signature]</i> SUBMITTED BY <i>[Signature]</i> RECOMMENDED BY <i>[Signature]</i>		APPROVED BY <i>[Signature]</i> CHIEF ENGINEER							
DRAWN BY <i>[Signature]</i> DESIGNED BY <i>[Signature]</i> CHECKED BY <i>[Signature]</i> SUBMITTED BY <i>[Signature]</i> RECOMMENDED BY <i>[Signature]</i>		SCALE AS NOTED		DATE NO. 181-19-DI.35 AUG. 1957							
CHECKED BY <i>[Signature]</i> DATE Nov. 1958		RECOMMENDED BY <i>[Signature]</i>		SHEET 35 OF 47							

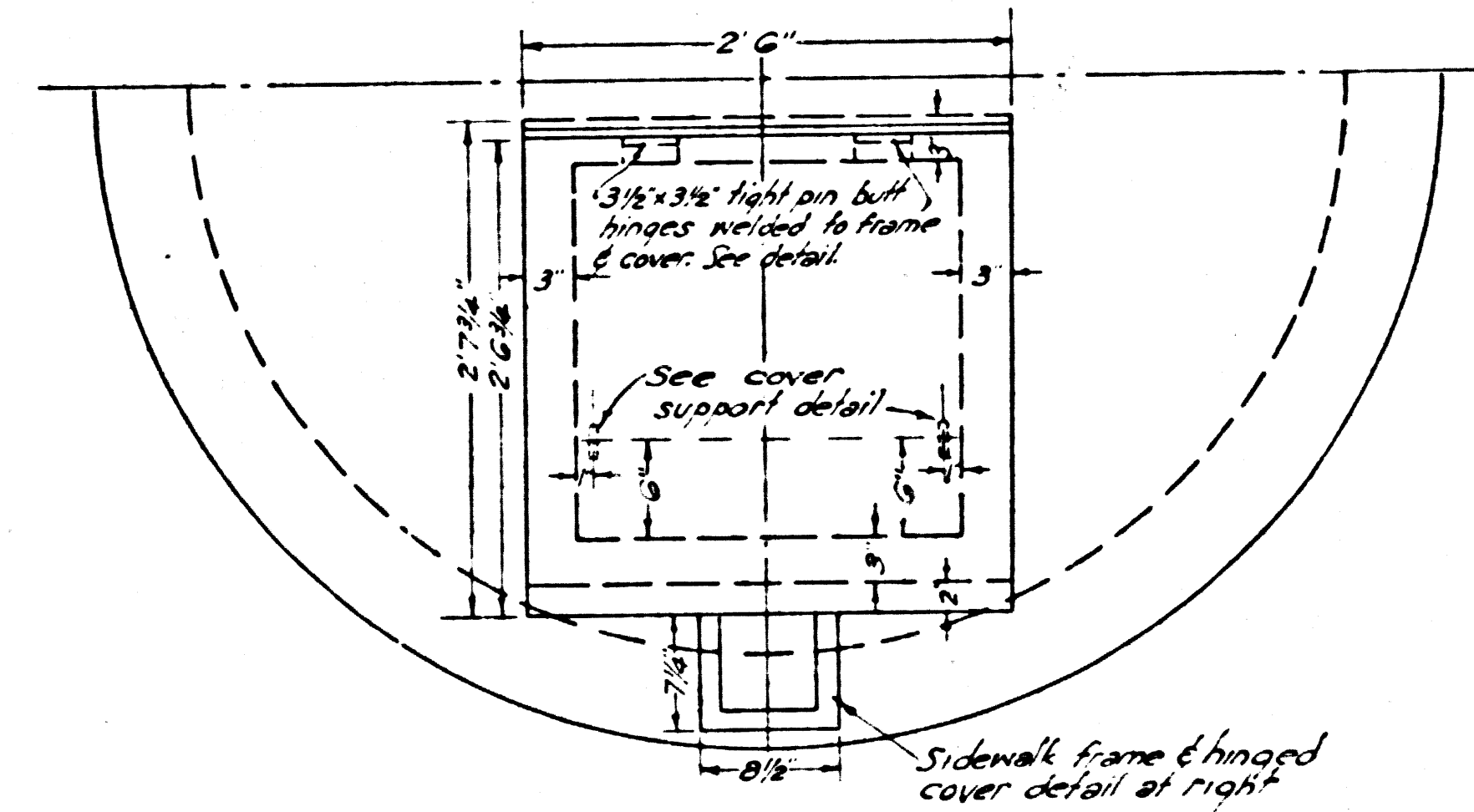
47412



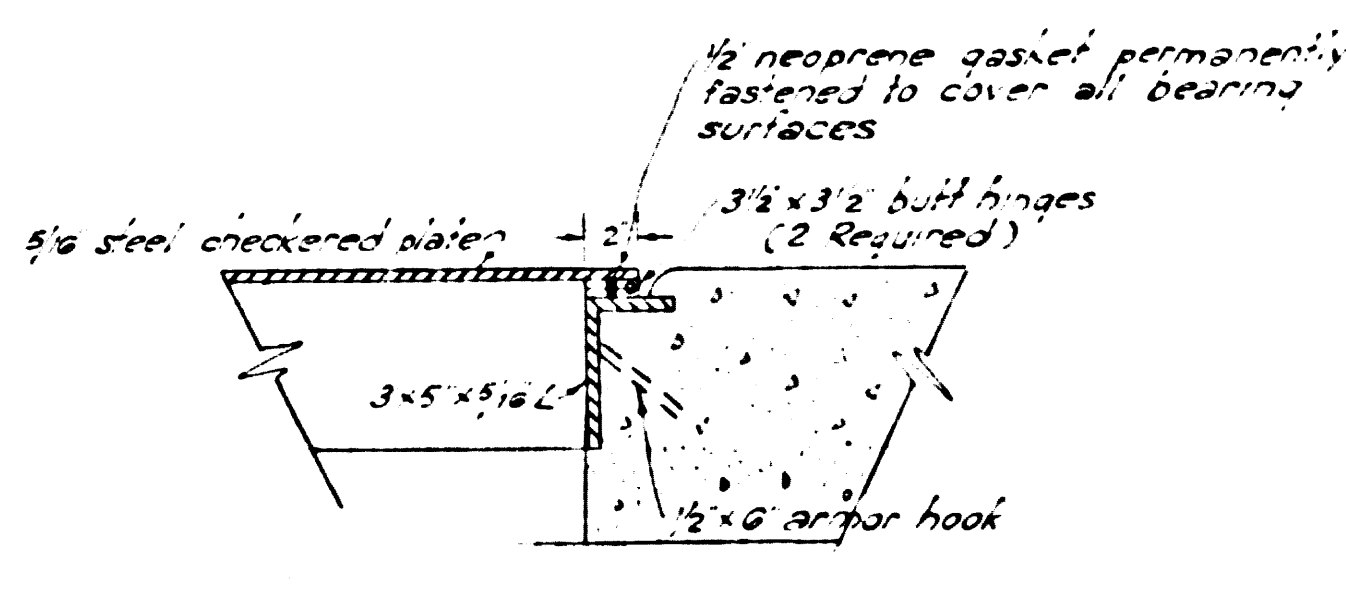
ELEVATION
Scale: 3/4"=1'0"



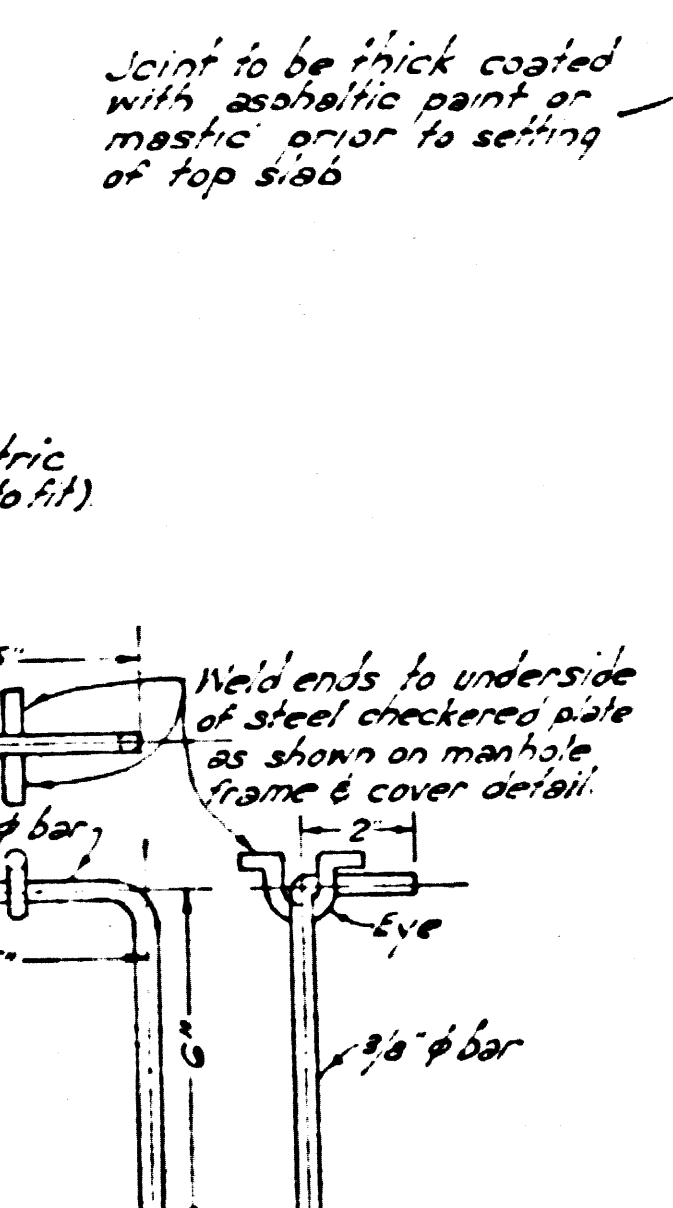
PLAN
Scale: 3/4"=1'0"



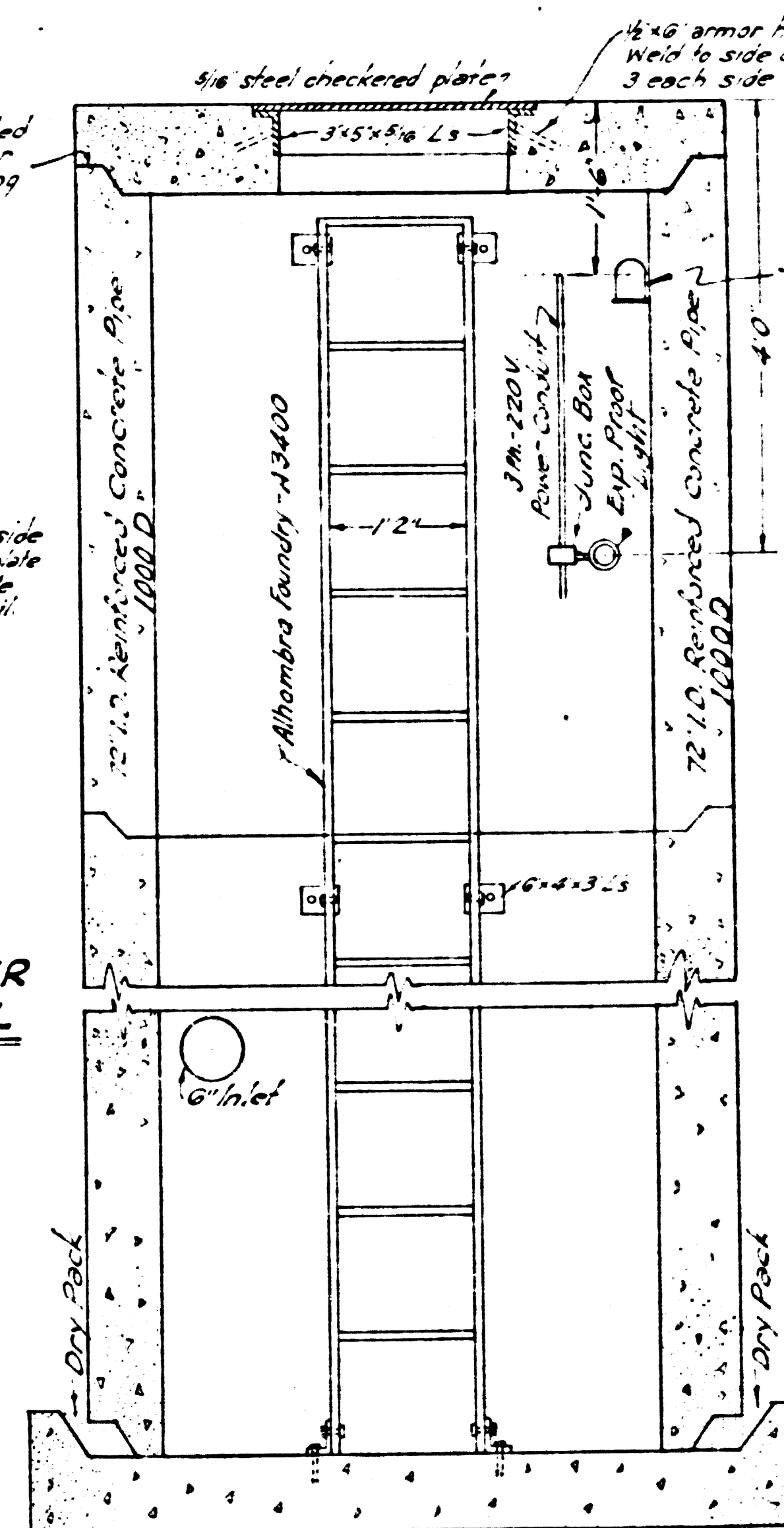
MANHOLE FRAME & COVER DETAIL
Scale: 1"=1'0"



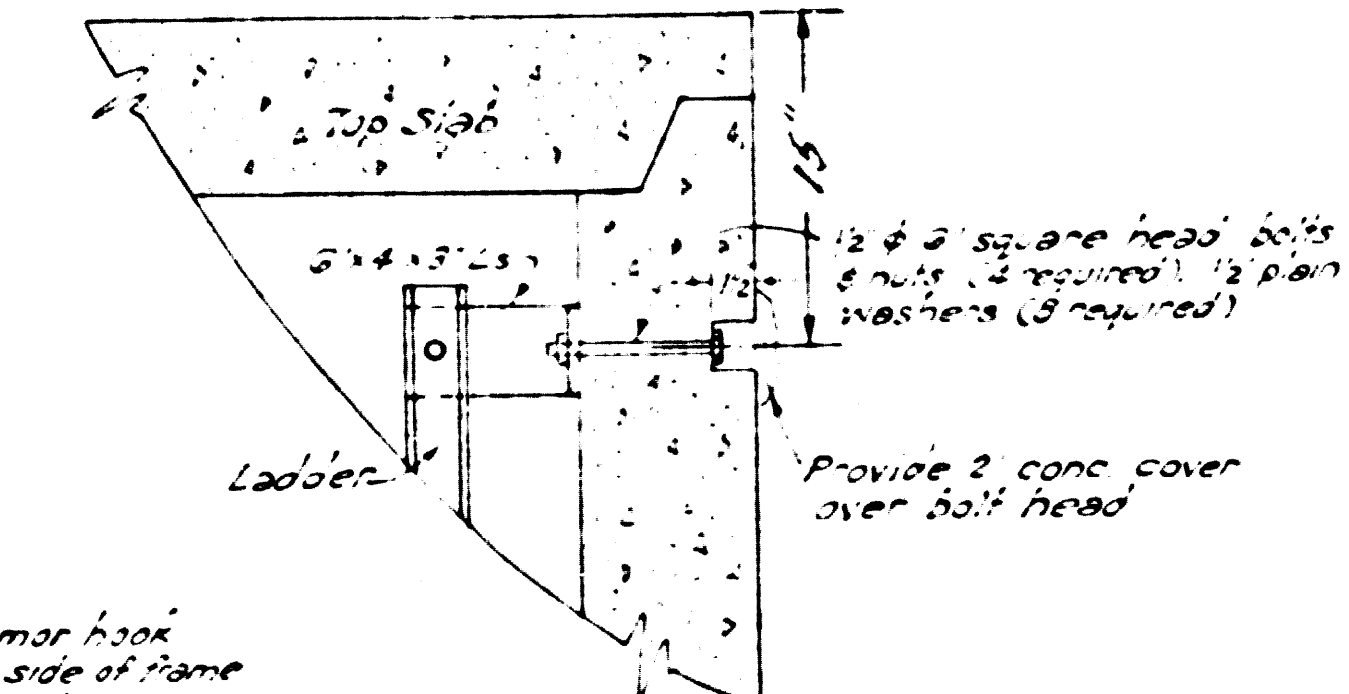
HINGE DETAIL
Scale: 1 1/2"=1'0"



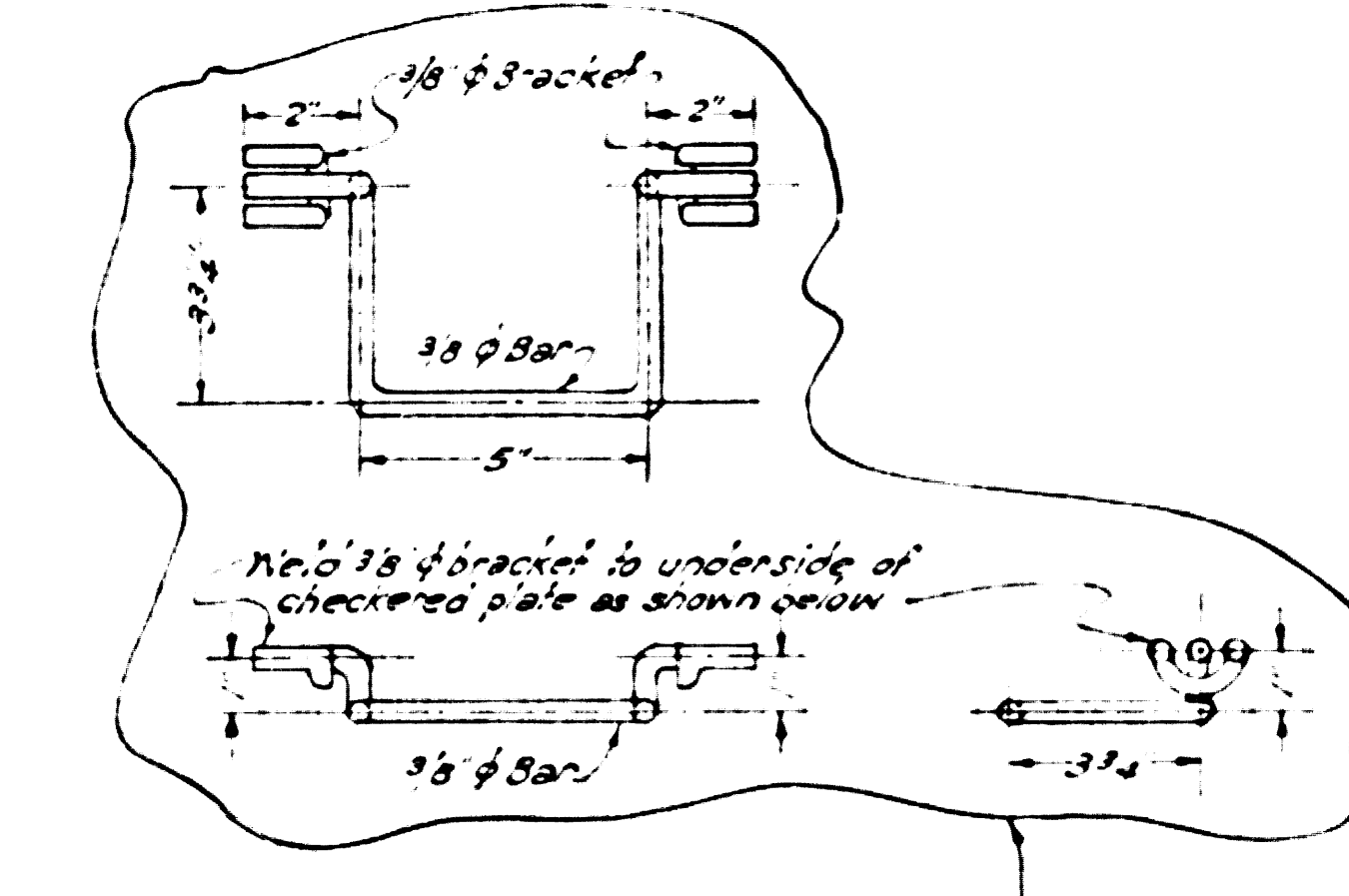
MANHOLE COVER SUPPORT DETAIL
Scale: 3"=1'0"



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



TYPICAL LADDER SUPPORT
Scale: None



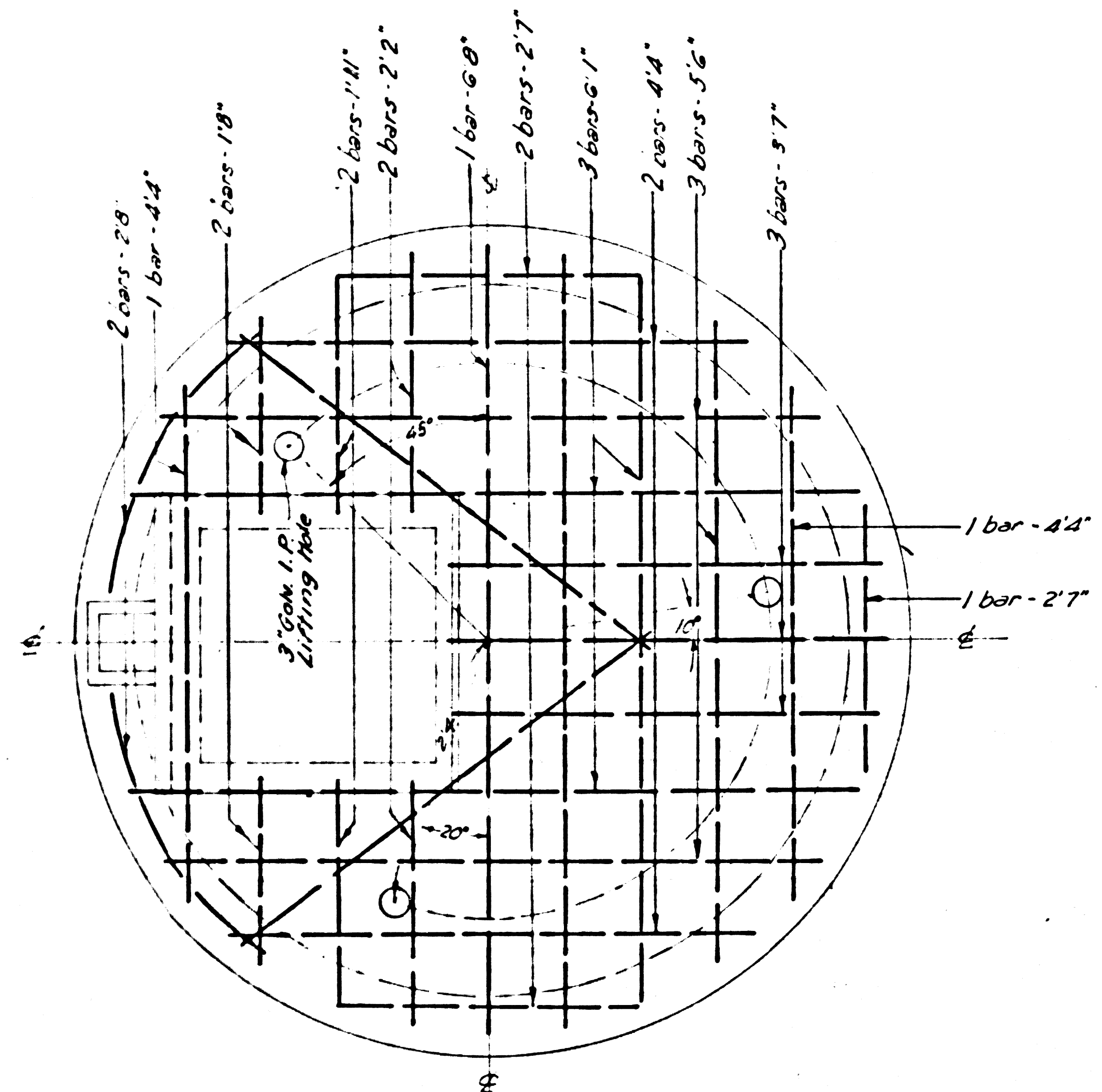
LOCKING DEVICE ASSEMBLY
Scale: 1 1/2"=1'0"

PUMP STATION (61)

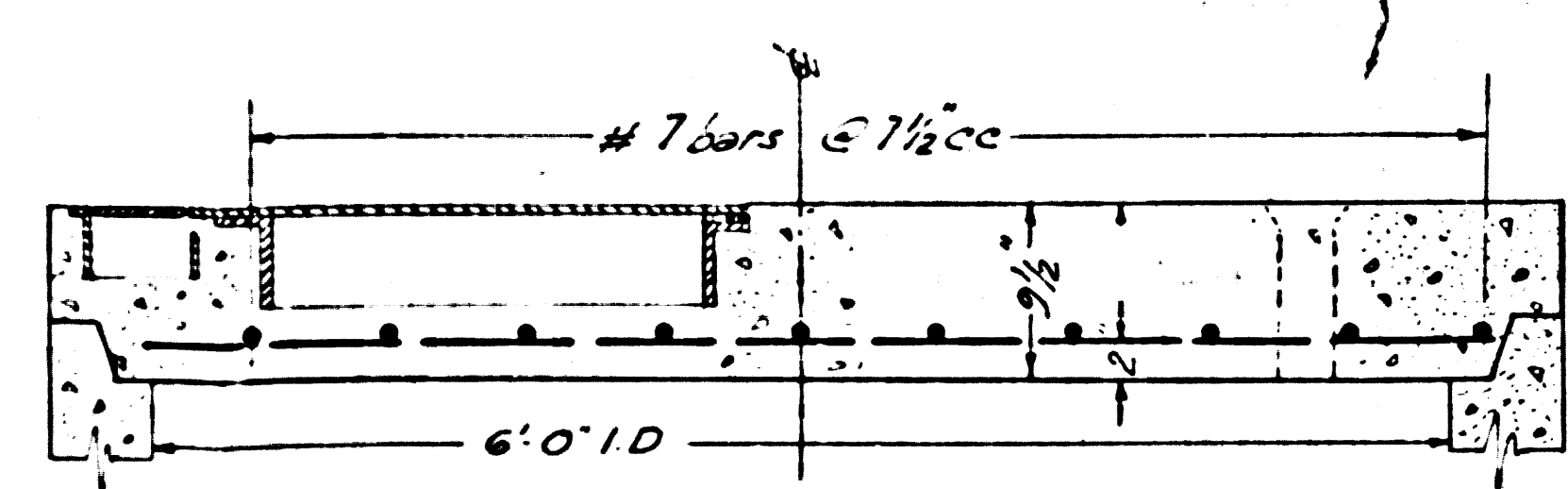
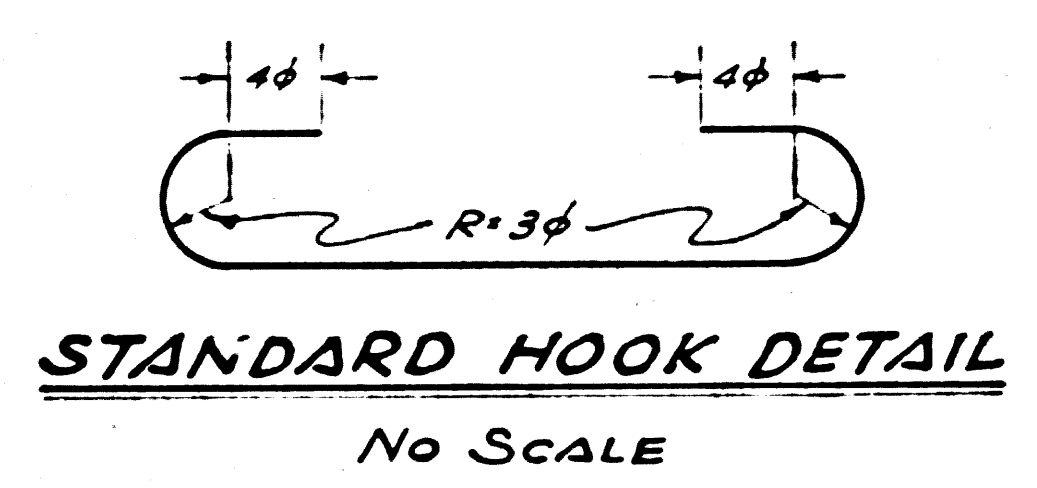
ORANGE AVE. & ROSECRANS AVE.
1. For location dwgs see Shts. 94, 133
2. For cover & base steel details see Sht. 38

REF. P.C. # 9792		COUNTY STORM DRAIN BOND ISSUE		LOS ANGELES COUNTY FLOOD CONTROL DISTRICT	
PREPARED BY JOHN A. LAMBIE COUNTY ENGINEER	REVISIONS MARK DATE DESCRIPTION Δ 3-10-6 As Built	PROJECT NO. 19 HOLLYDALE A LINE 2 SANITARY SEWER RECONSTRUCTION PUMP STATION DETAILS.		APPROVED BY <i>H. H. ...</i> CITY ENGINEER	
RECOMMENDED BY <i>J. P. ...</i> SANITATION ENGINEER	DESIGNED BY <i>R. ...</i> SANITATION ENGINEER	TRACED BY <i>R. ...</i> SANITATION ENGINEER	CHECKED BY <i>F. A. ...</i> SANITATION ENGINEER	DATE NOV. 1956	SCALE AS NOTED
				DATE AUG. 1957	SHEET 37 OF 47

47413

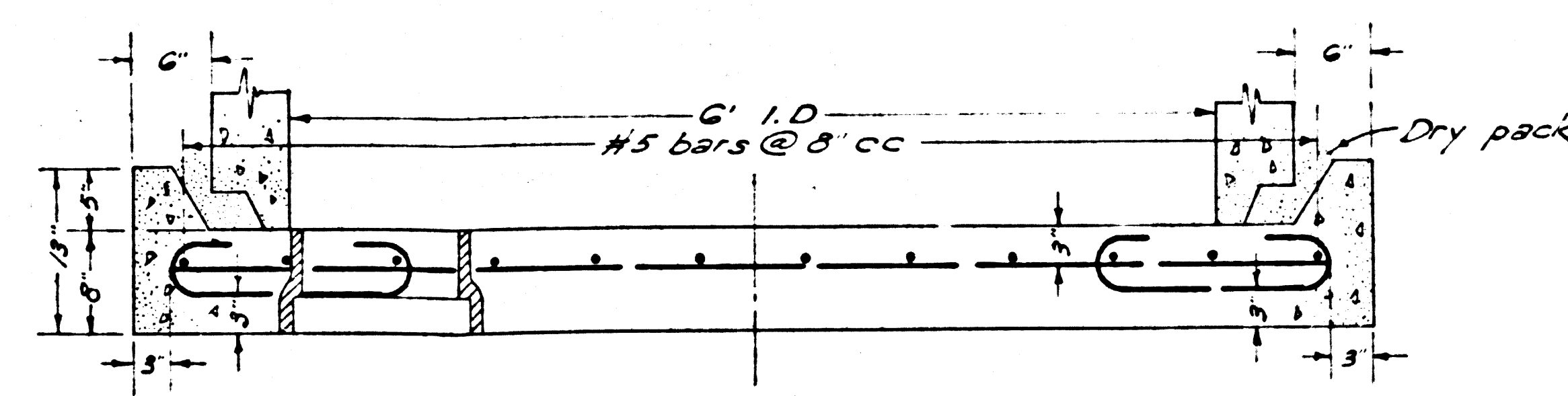
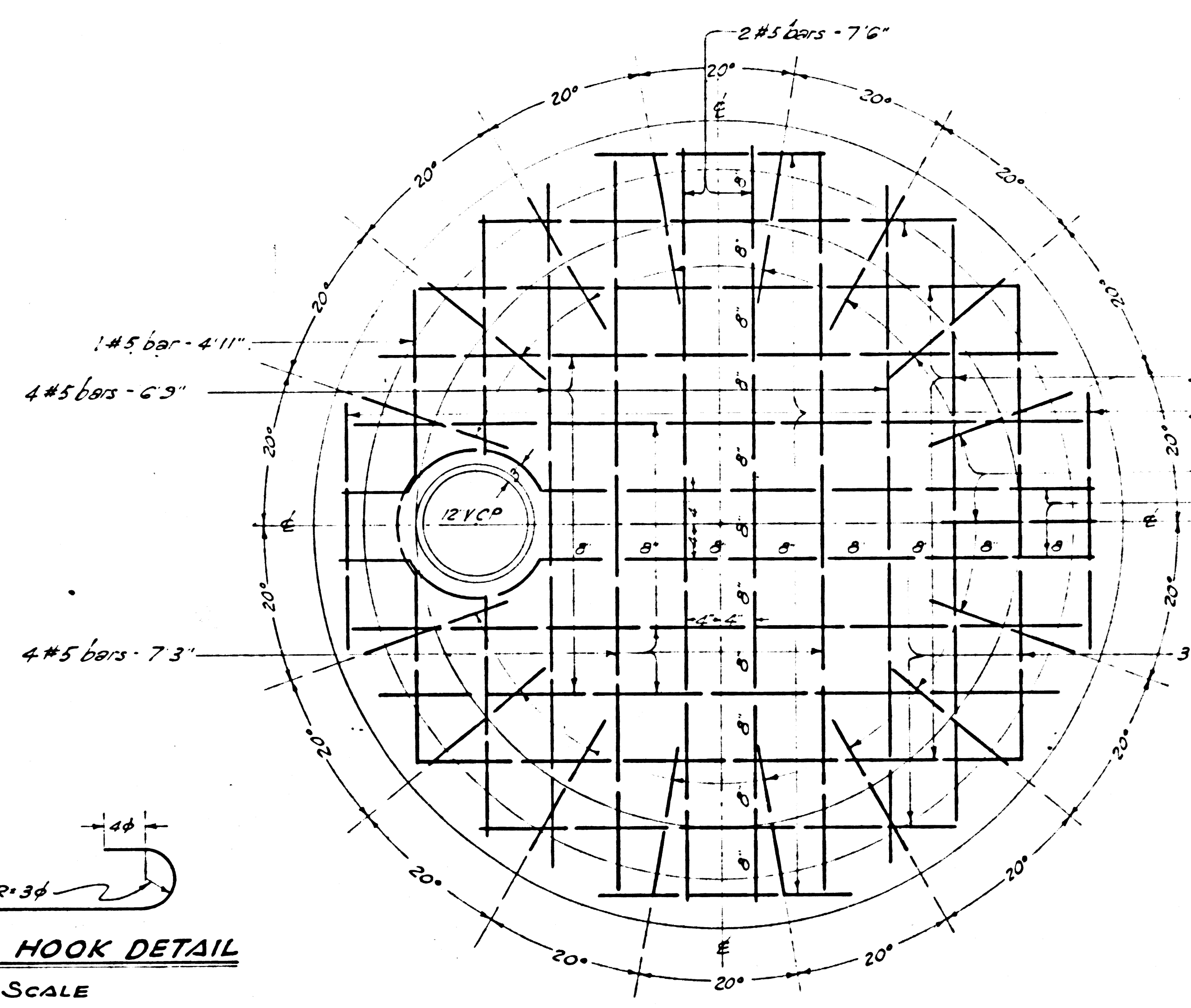


All bars #7 - spaced 7 1/2"

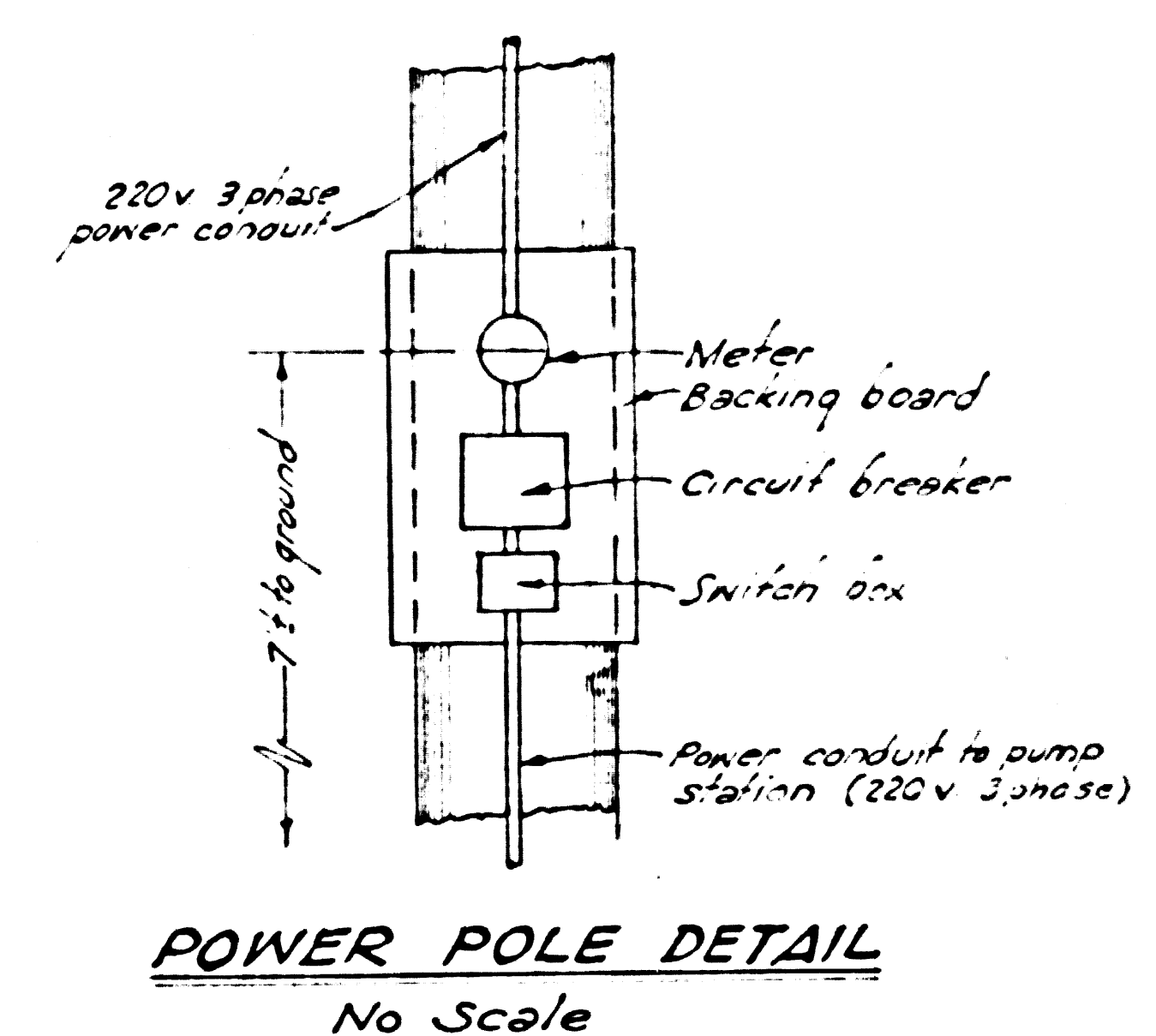
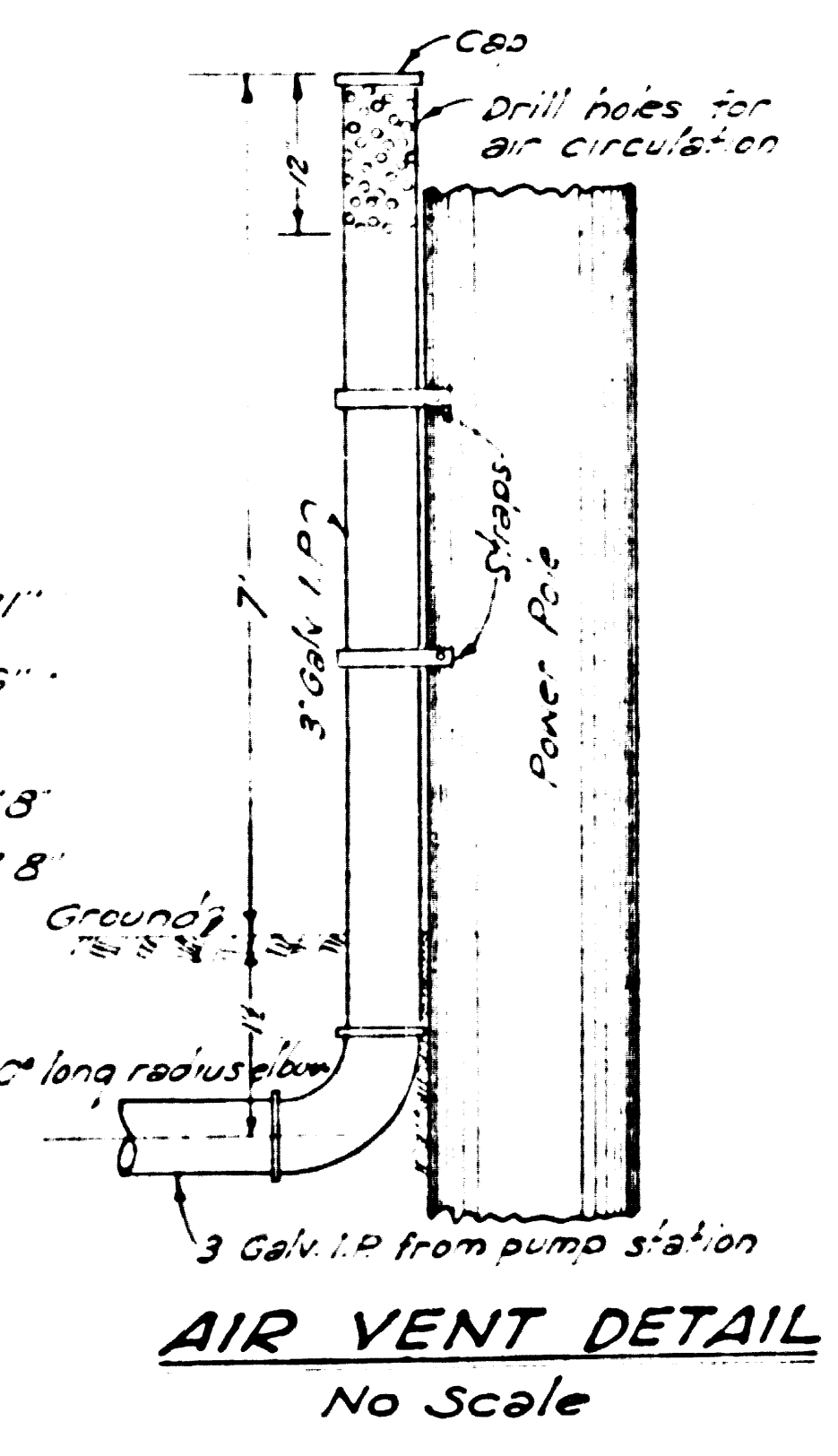


TOP SLAB REINFORCING DETAIL
SCALE: 1"=1'0"

Joint to be thick coated with asphaltic paint or mastic prior to setting of top slab.

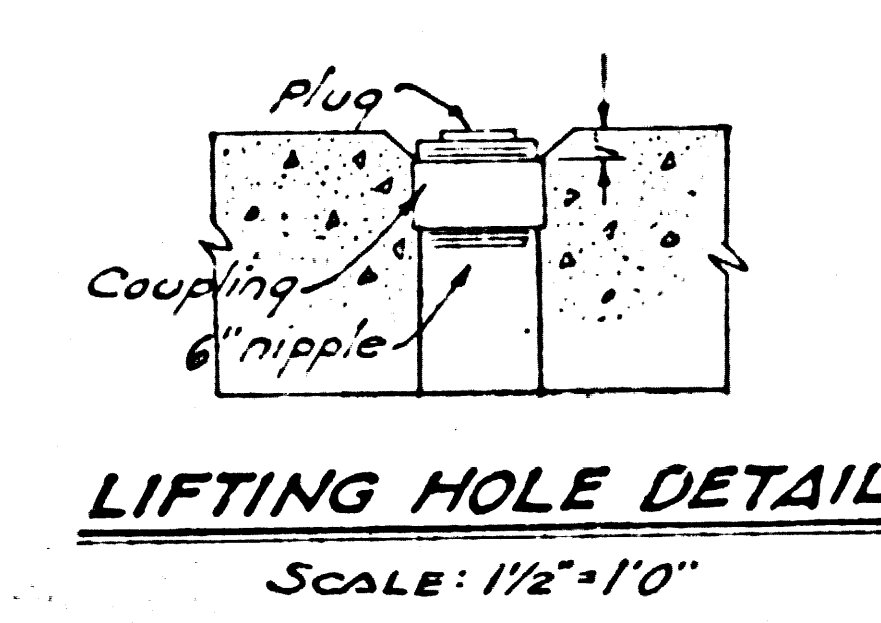
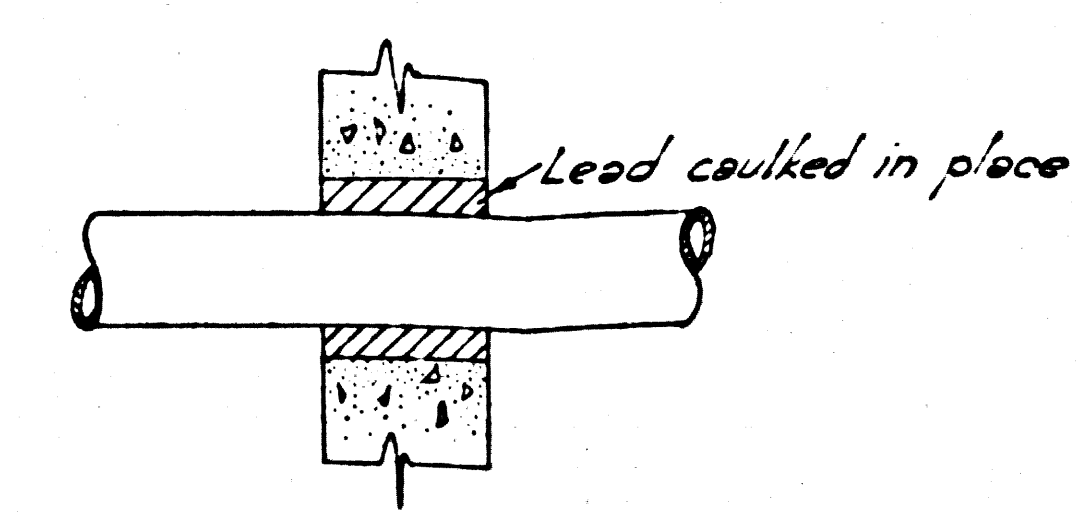


BASE SLAB REINFORCING DETAIL
SCALE: 1"=1'0"



GENERAL NOTES

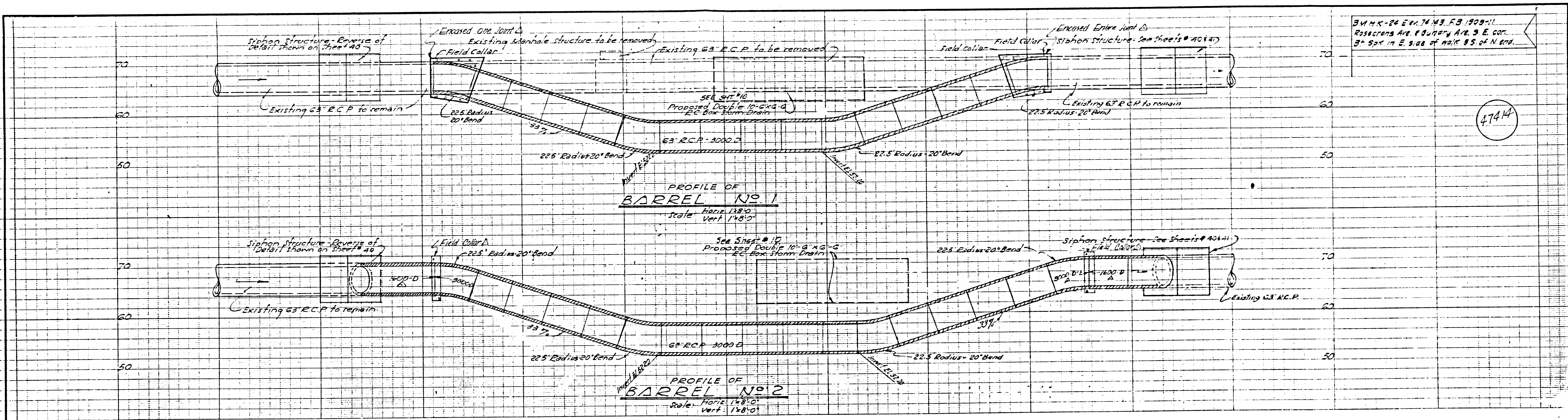
USE DEFORMED BARS
ULTIMATE CONCRETE STRESS (28 days) $f_c = 2,500$ psi
ALLOWABLE STEEL STRESS $f_s = 20,000$ psi
ALL BAR LAPS TO BE 40 DIAMETER MINIMUM
ALL STEEL REINFORCEMENTS TO HAVE MINIMUM COVER OF 2 INCHES



PUMP STATION DETAILS (6)

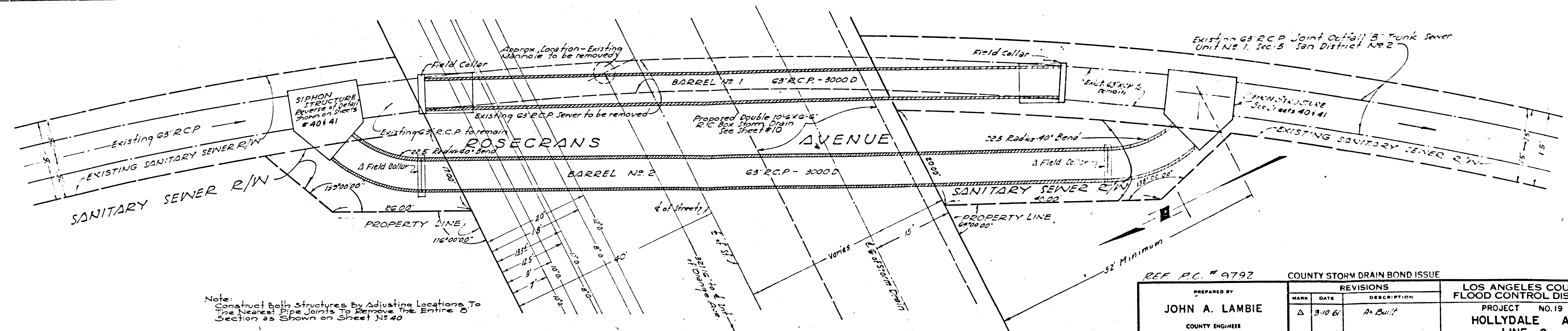
REF. P.C. # 9792 COUNTY STORM DRAIN BOND ISSUE

PREPARED BY JOHN A. LAMBIE COUNTY ENGINEER RECOMMENDED BY <i>[Signature]</i> DRAWN BY <i>R. LUNG</i> CHECKED BY <i>R. LUNG</i> TRACED BY <i>R. LUNG</i> SUBMITTED BY <i>R. LUNG</i> CHECKED BY <i>E.A. MOOD</i> DATE:	REVISIONS MARK DATE DESCRIPTION		LOS ANGELES COUNTY FLOOD CONTROL DISTRICT PROJECT NO. 19 HOLLYDALE A LINE 2 SANITARY SEWER RECONSTRUCTION PUMP STATION DETAILS
	APPROVED BY <i>[Signature]</i> 4/19 CHIEF ENGINEER	SCALE AS NOTED	



34 M.K. - 24 E.P. 74 M.F. 1909-11
 Rosecrans Ave. & Burbury Ave. S.E. cor.
 3'-5 1/2" in E. side of Walk S.S. of N. end.

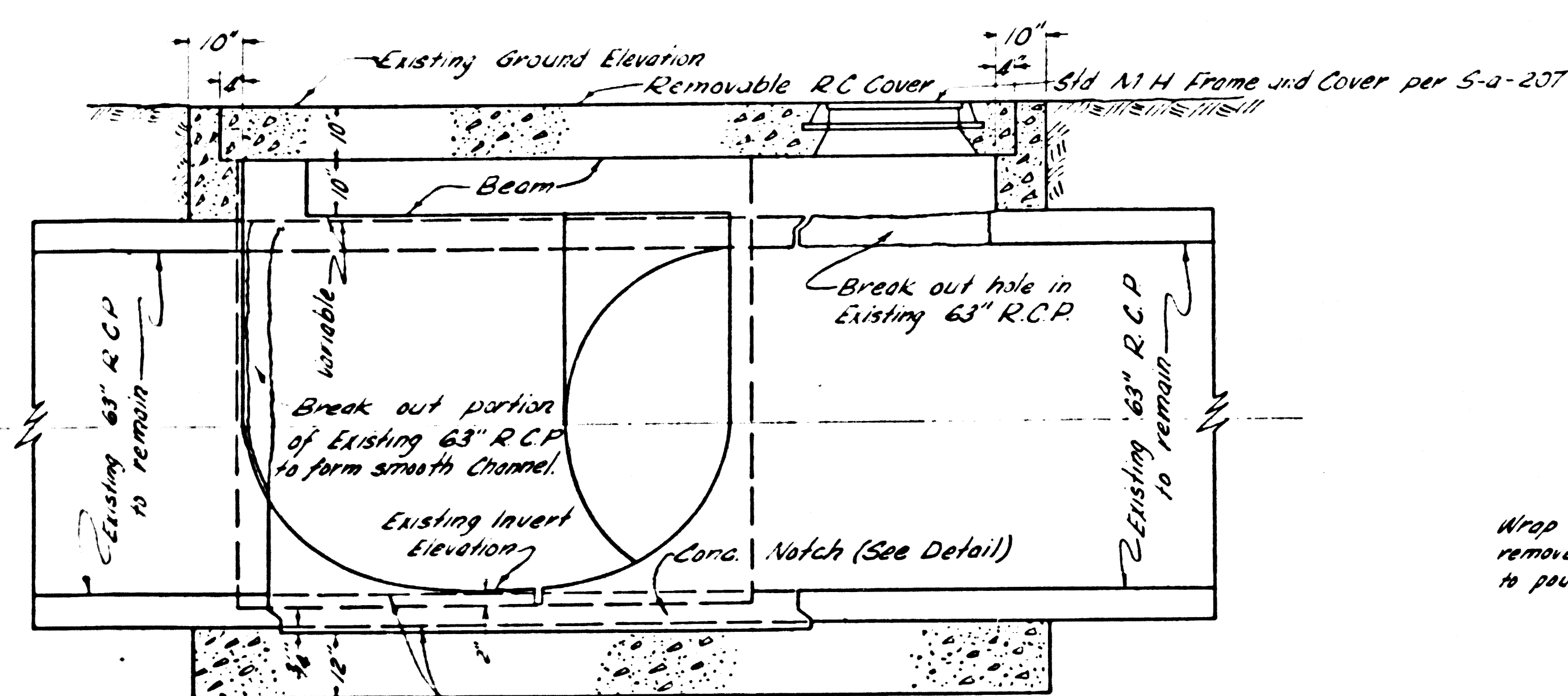
47414



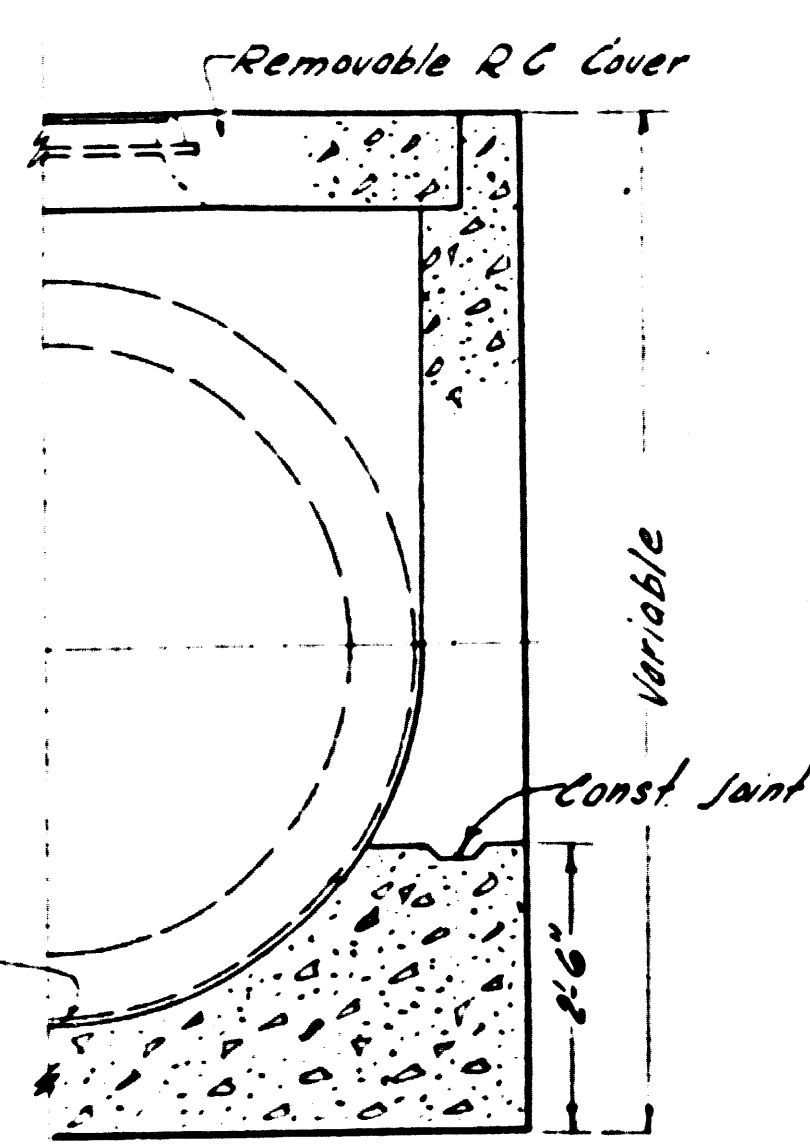
Note:
 Construct Both Structures By Adjusting Locations To
 The Nearest Pipe Joints To Remove The Entire S
 Section As Shown on Sheet No. 40

PLAN OF
DOUBLE BARREL SIPHON
 Scale: 1"=8'-0"
 ROSECRANS AVE. - 300' EAST OF ORANGE AVE.
 SEWER SIPHON NO. 2 (60)

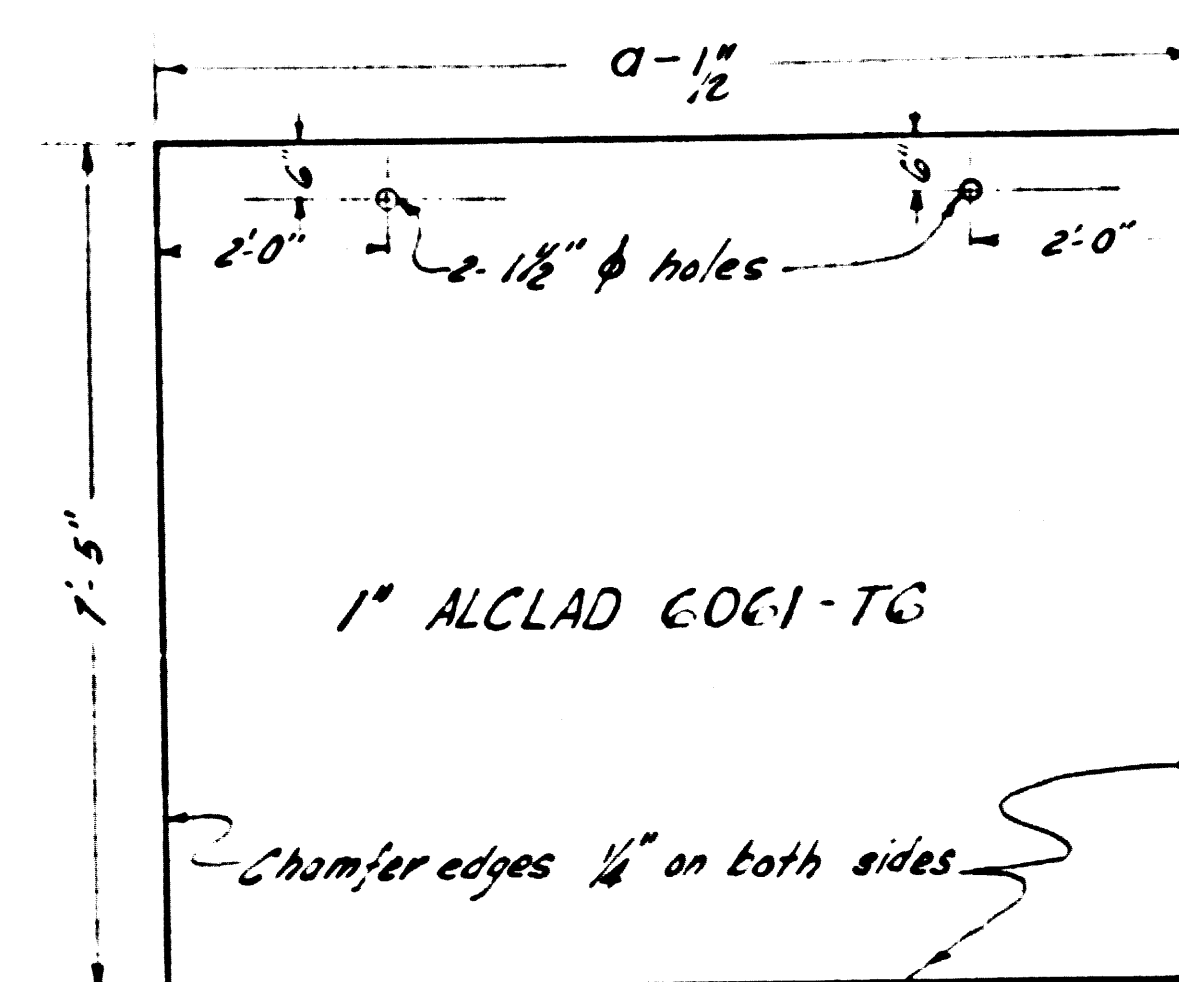
REF. P.C. # 9792		COUNTY STORM DRAIN BOND ISSUE		LOS ANGELES COUNTY FLOOD CONTROL DISTRICT	
PREPARED BY JOHN A. LAMBIE COUNTY ENGINEER	DESIGNED BY <i>A. Collins</i> SANITATION ENGINEER	MARK	DATE	REVISIONS	DESCRIPTION
RECOMMENDED BY <i>A. Collins</i>	DESIGNED BY <i>A. Collins</i>	Δ	3-10-61	A	Built
DRAWN BY H. LEE	CHECKED BY H. LEE	APPROVED BY <i>John A. Lambie</i> COUNTY ENGINEER		PROJECT NO. 19 HOLLYDALE A LINE 2 SANITARY SEWER RECONSTRUCTION SIPHON NO. 2 SIPHON DETAILS PLAN AND PROFILE	
CHECKED BY E.A. WOOD	DATE NOV 1952	SCALE VERT. 1"=8' HORIZ. 1"=40'		DATE AUG 1957	NO. 181-19-D1.39 sheet 39 of 47



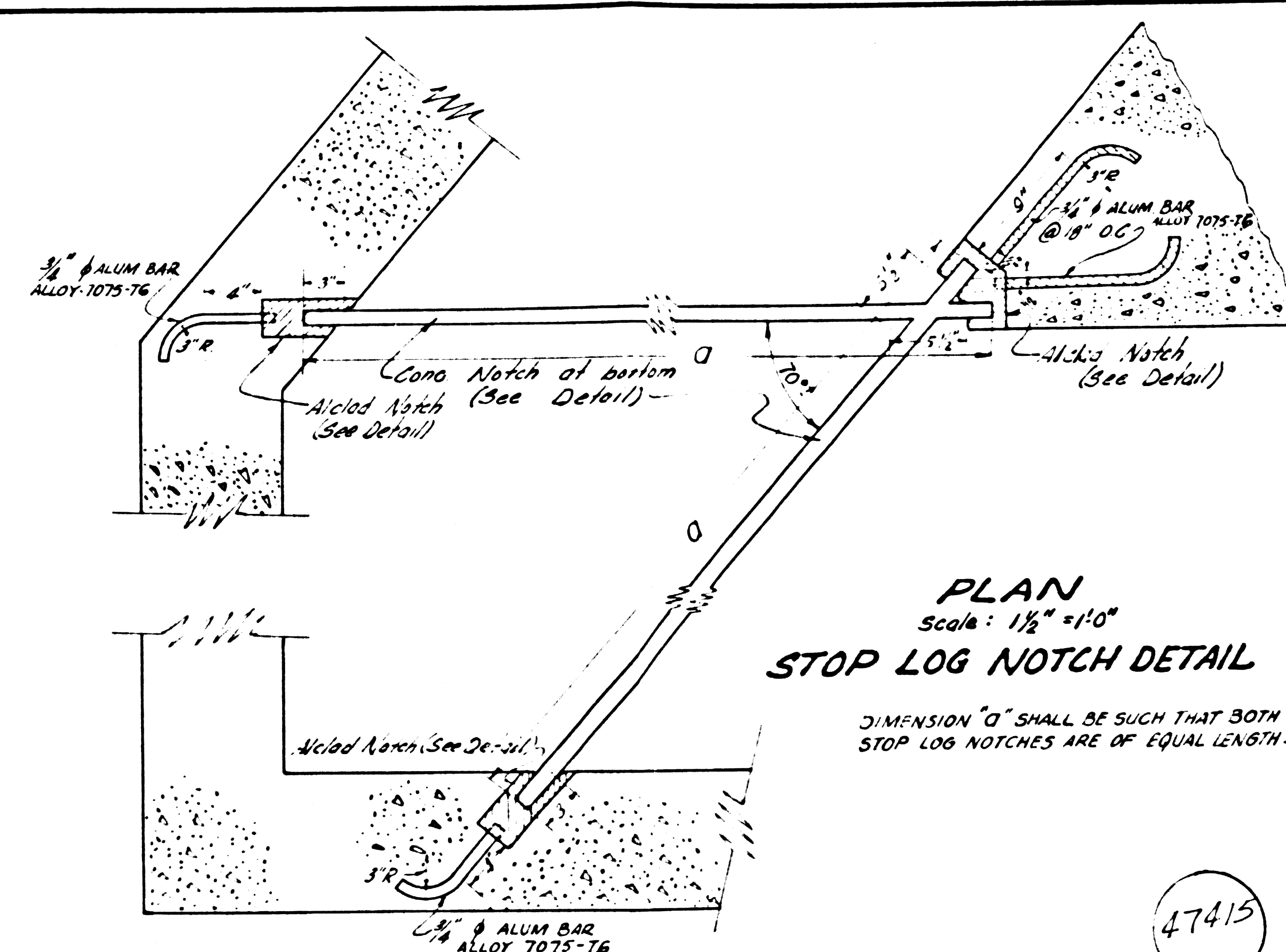
SECTION A-A
Scale: 1/2" = 1'-0"



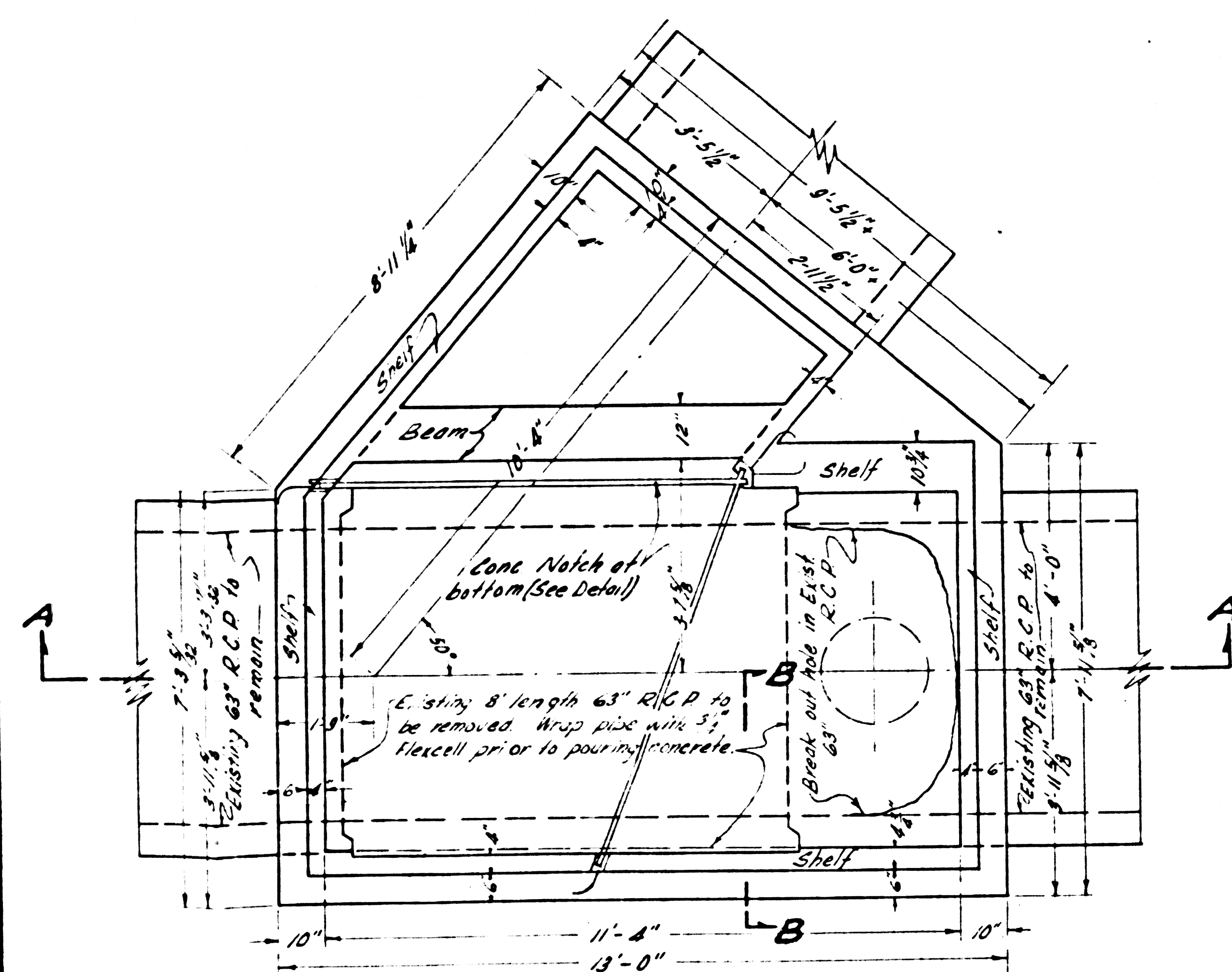
SECTION B-B
Scale: 1/2" = 1'-0"



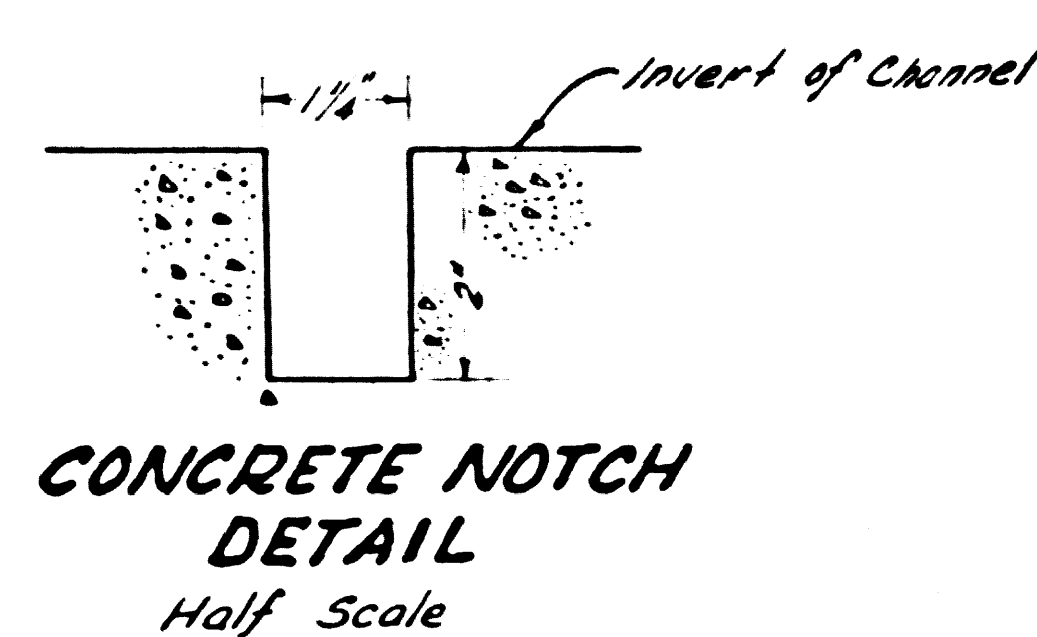
STOP LOG
(1-REQ'D FOR EACH STRUCTURE)
Scale: 1/2" = 1'-0"



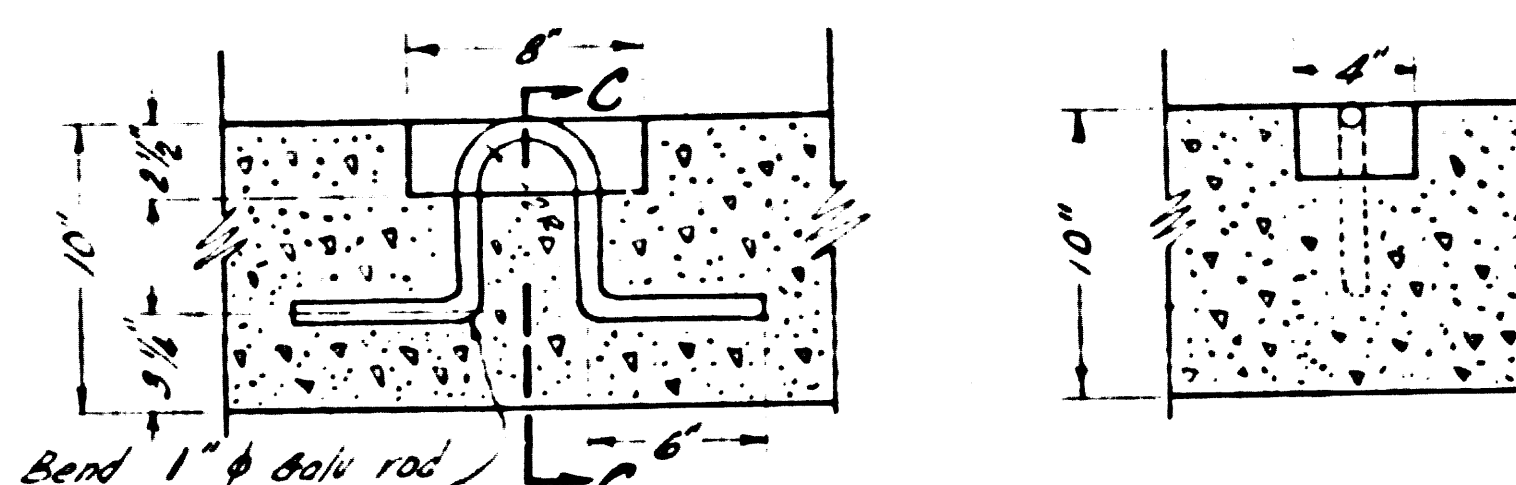
PLAN
Scale: 1/2" = 1'-0"
STOP LOG NOTCH DETAIL



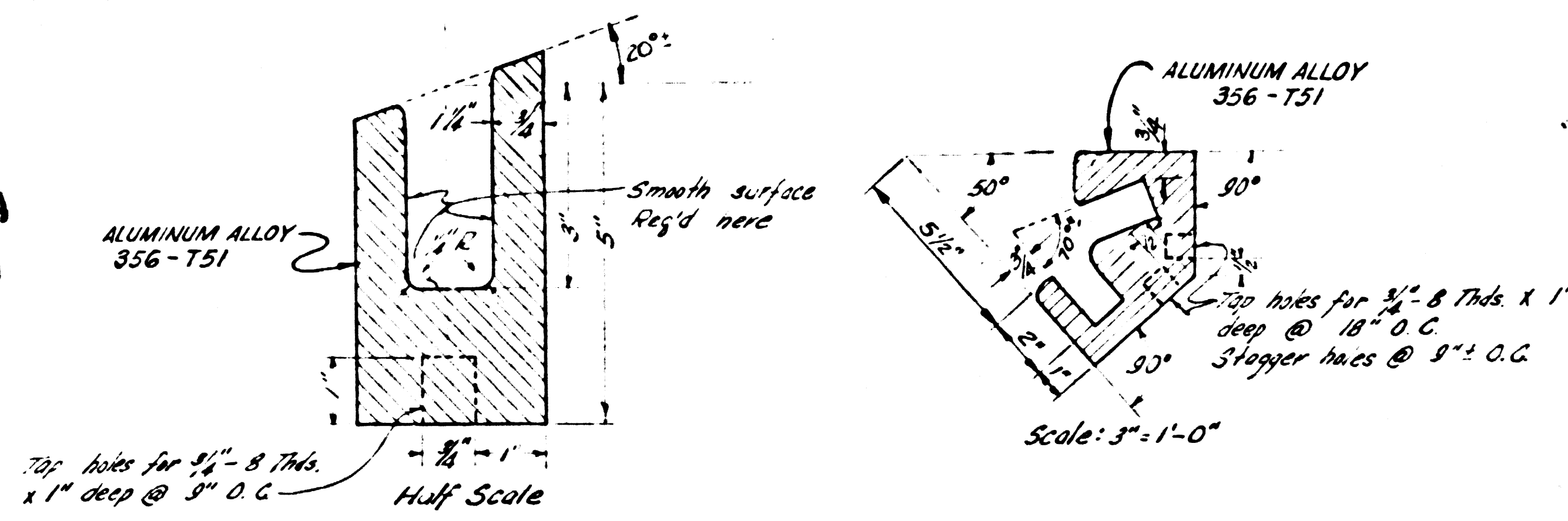
PLAN
Scale: 1/2" = 1'-0"
REINFORCED CONCRETE STRUCTURE
Construct both structures by adjusting locations to the nearest pipe joints to remove the entire B section as shown.



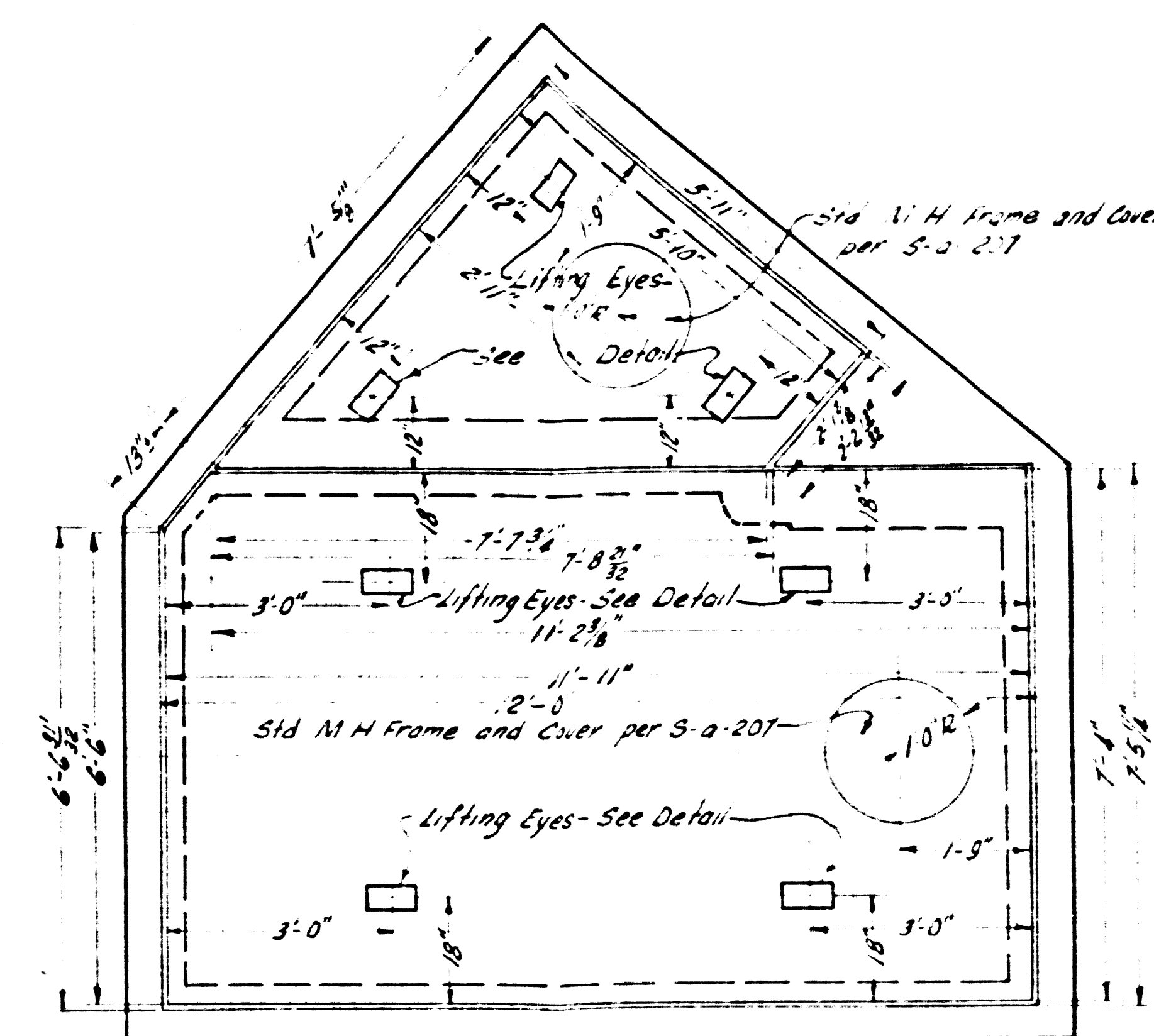
CONCRETE NOTCH DETAIL
Half Scale



SECTIONAL ELEVATION
LIFTING EYE DETAIL
(7-Required)
Scale: 1/2" = 1'-0"



NOTCH DETAIL
Note:
Alclad 356-T51 Stop Log Notches to be casted.



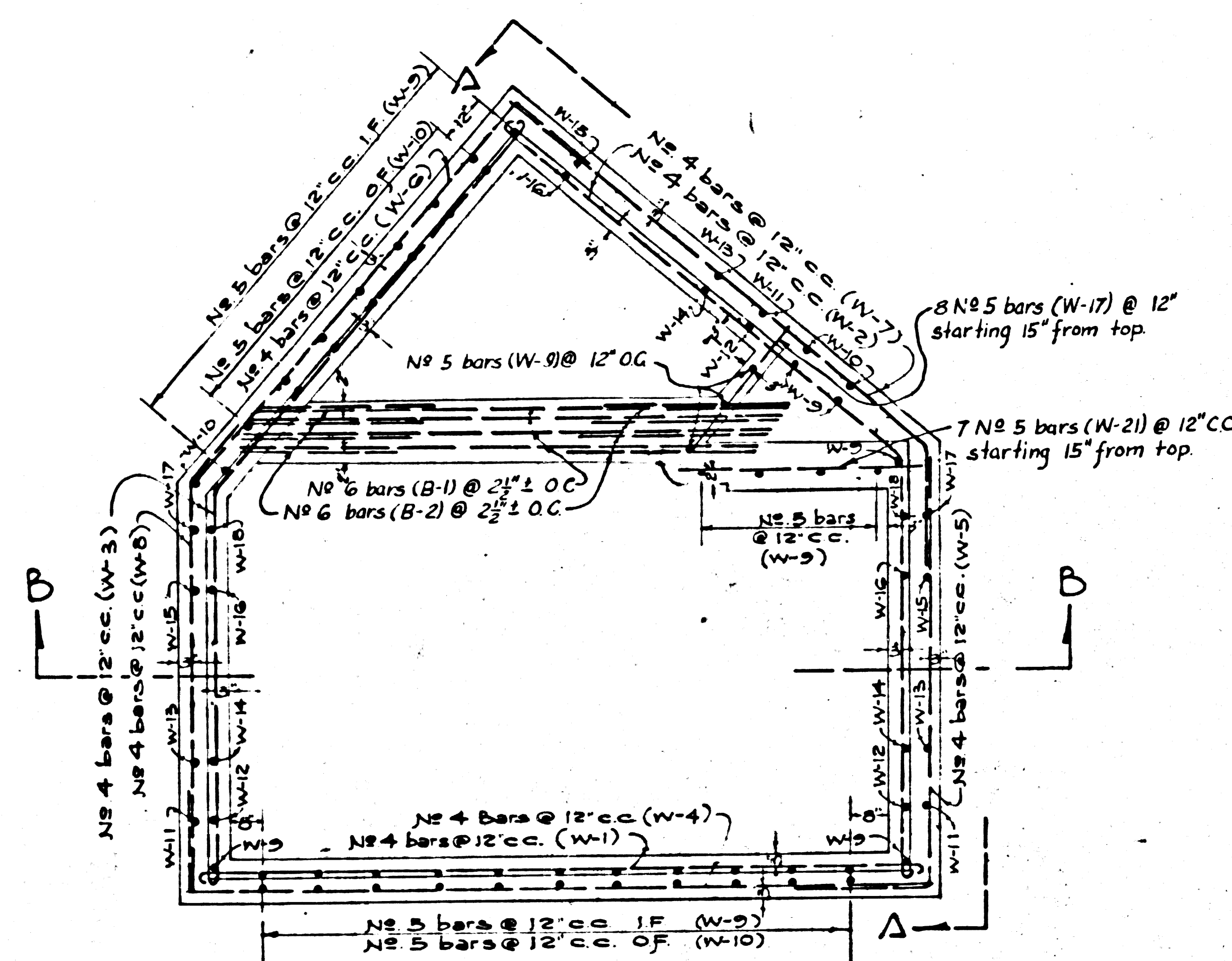
REMOVABLE REINFORCED CONCRETE COVERS
Scale: 1/2" = 1'-0"

SIPHON No. 2 STRUCTURAL DETAILS (60)

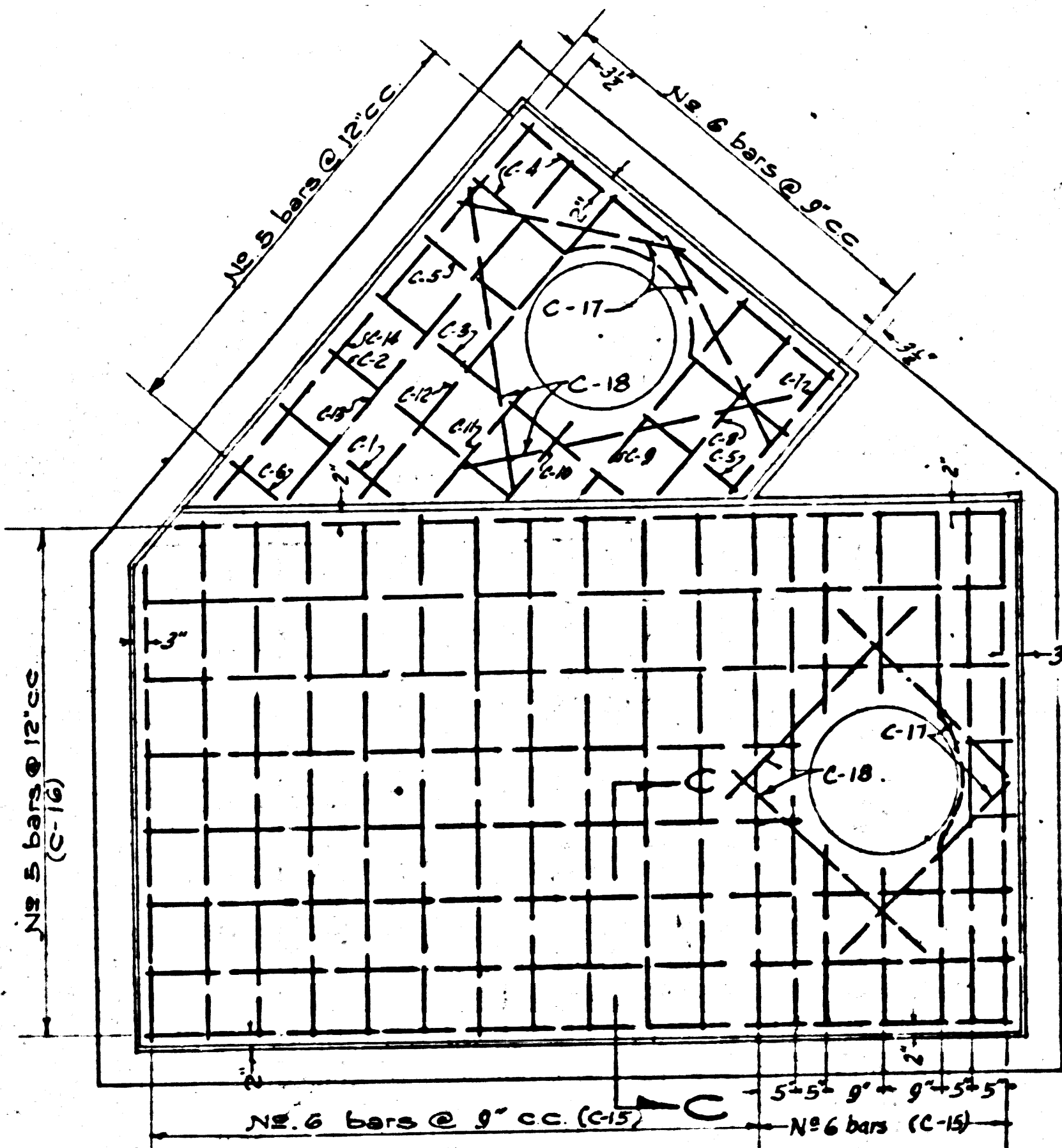
NOTE: Quantities shown are for (1) Structure only.

REF. P.C. # 9792 COUNTY STCR3M DRAIN BOND ISSUE

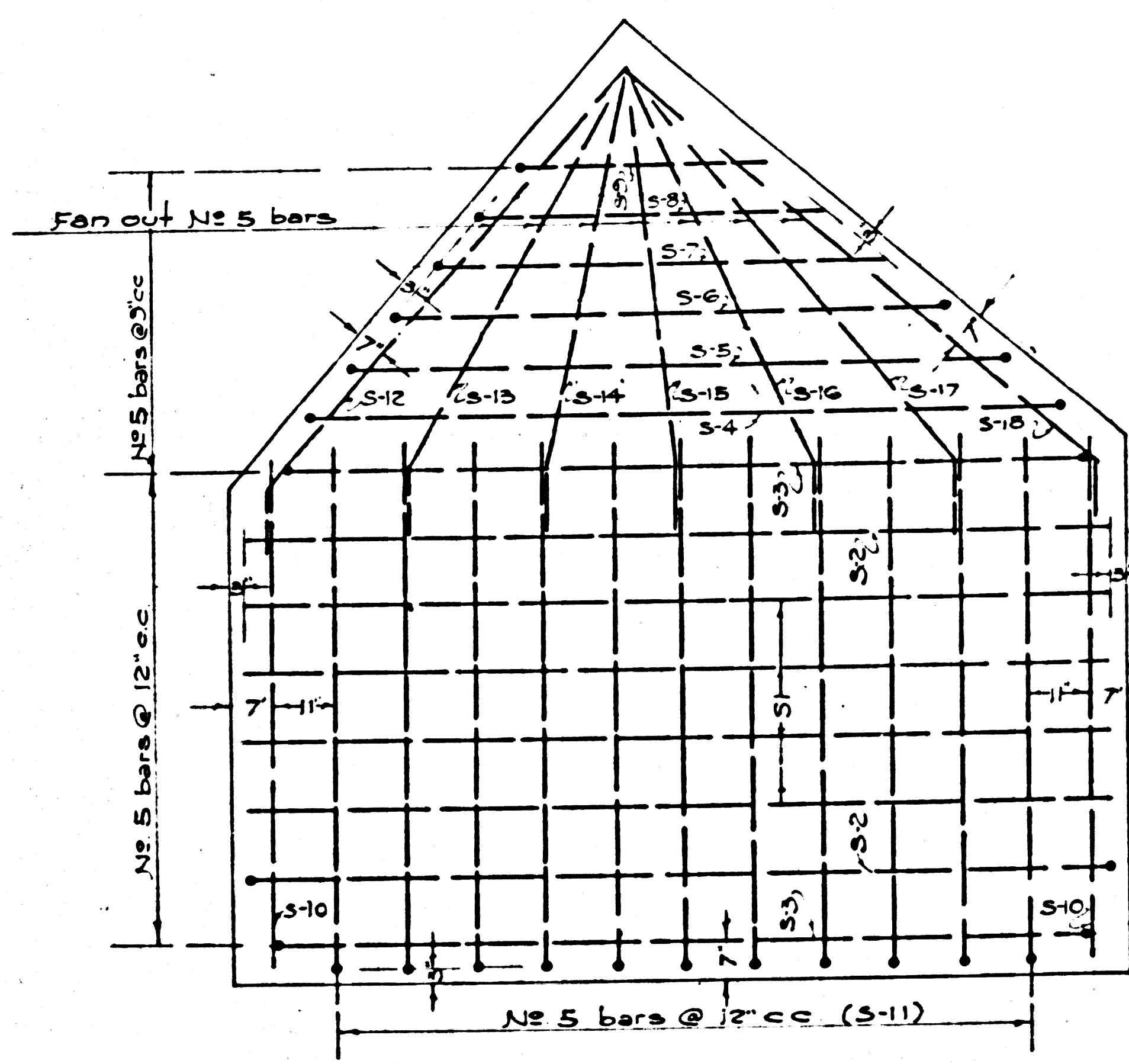
PREPARED BY	REVISIONS		LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
	MARK	DATE	
JOHN A. LAMBIE COUNTY ENGINEER			PROJECT NO. 19 HOLLYDALE A LINE 2 SANITARY SEWER RECONSTRUCTION SIPHON NO. 2-SIPHON STRUCTURE STRUCTURAL DETAILS
RECOMMENDED BY			APPROVED BY
DESIGNED BY			SCALE
DRAWN BY			DATE
CHECKED BY			NO. 181-19-01.40
TRACED BY			AS SHOWN FEB. 1958 SHEET 40 OF 47



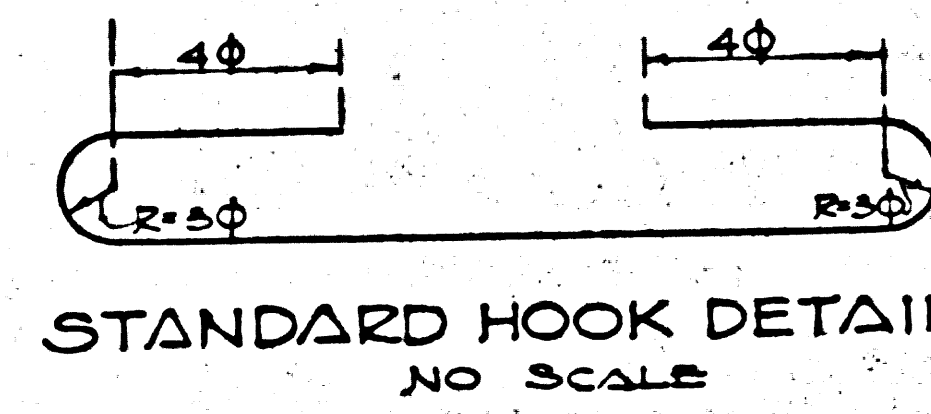
PLAN
Scale: 1/2"=1'-0"



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



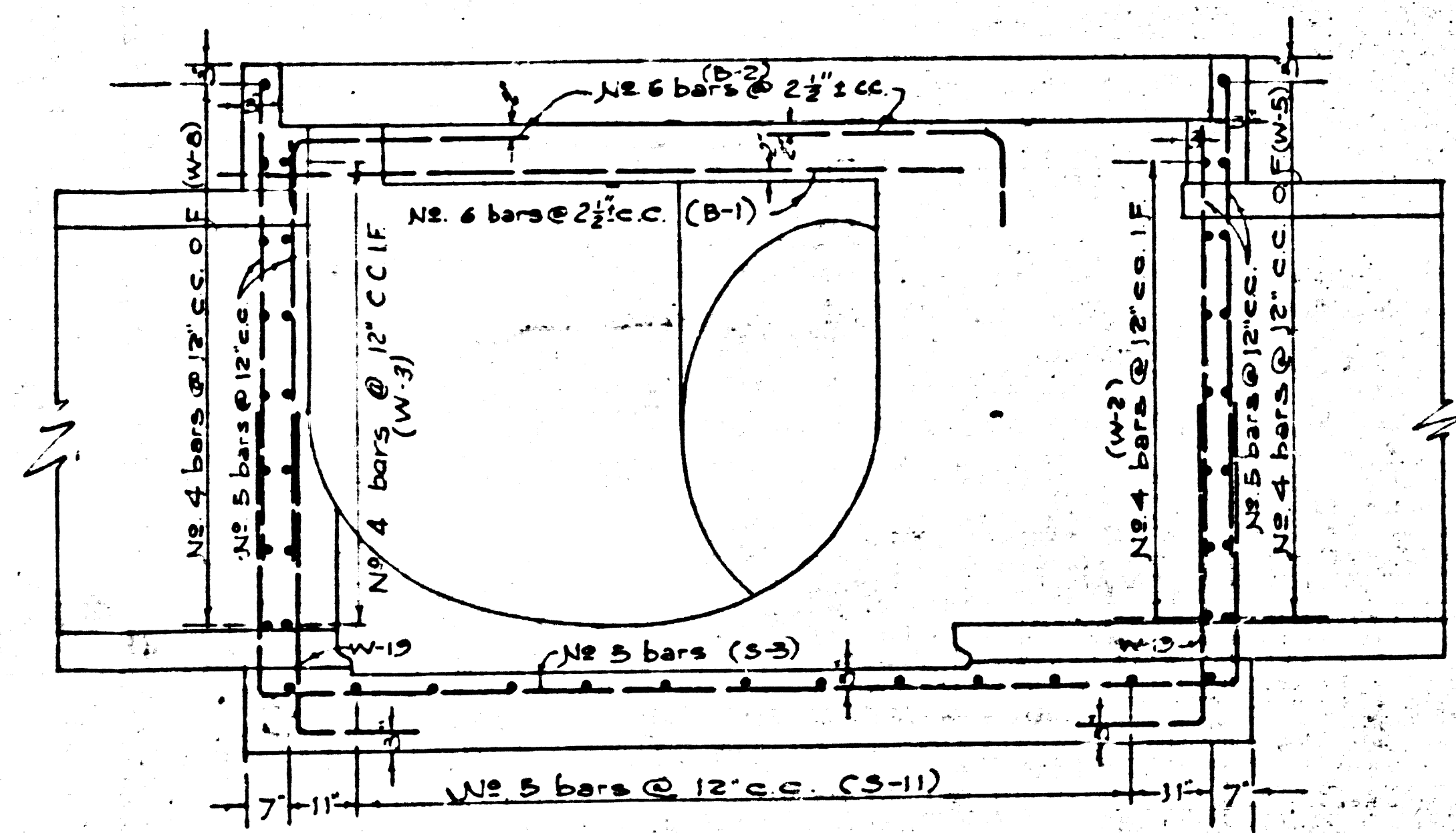
BOTTOM SLAB
Scale: 1/2"=1'-0"



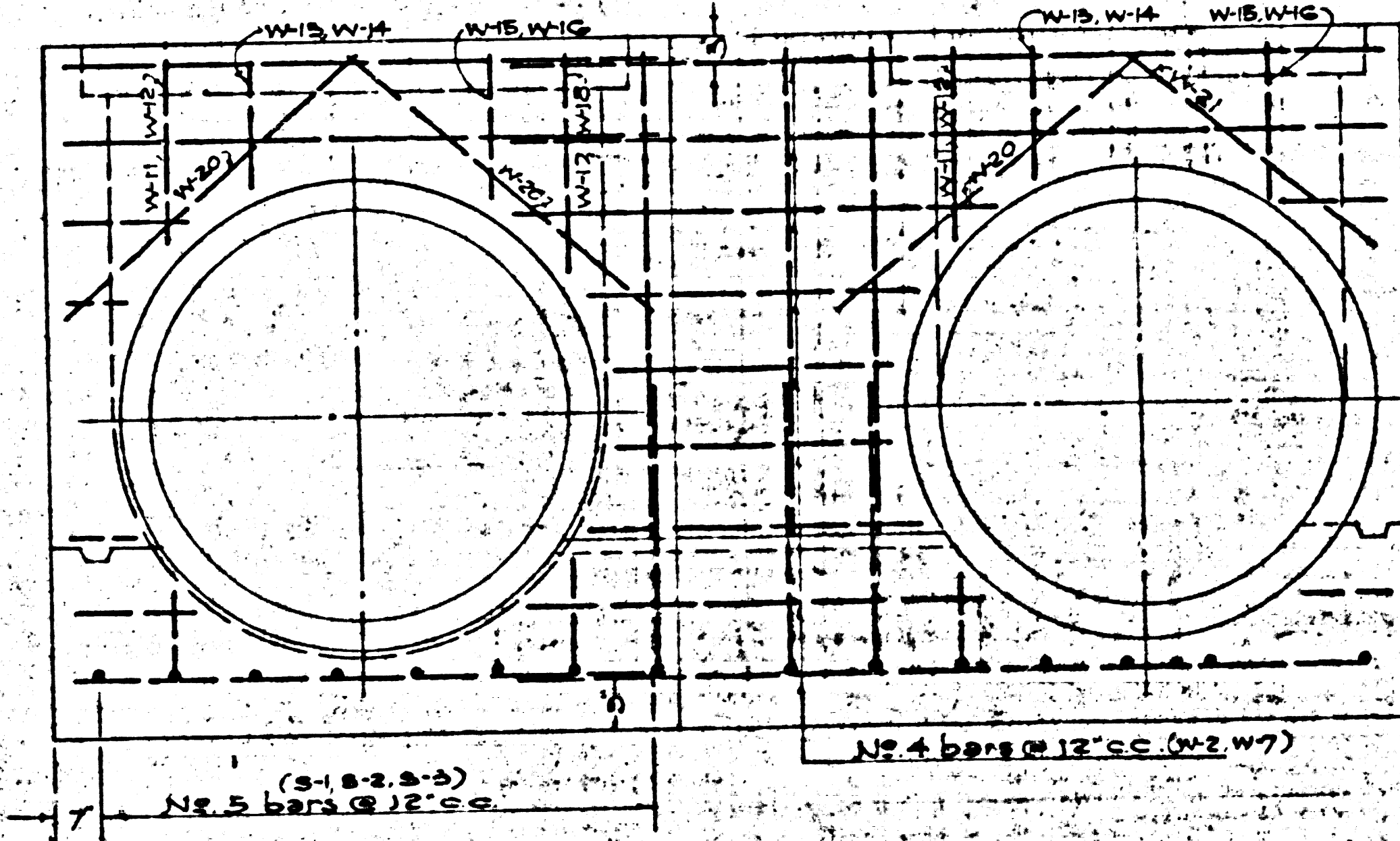
STANDARD HOOK DETAIL
NO SCALE



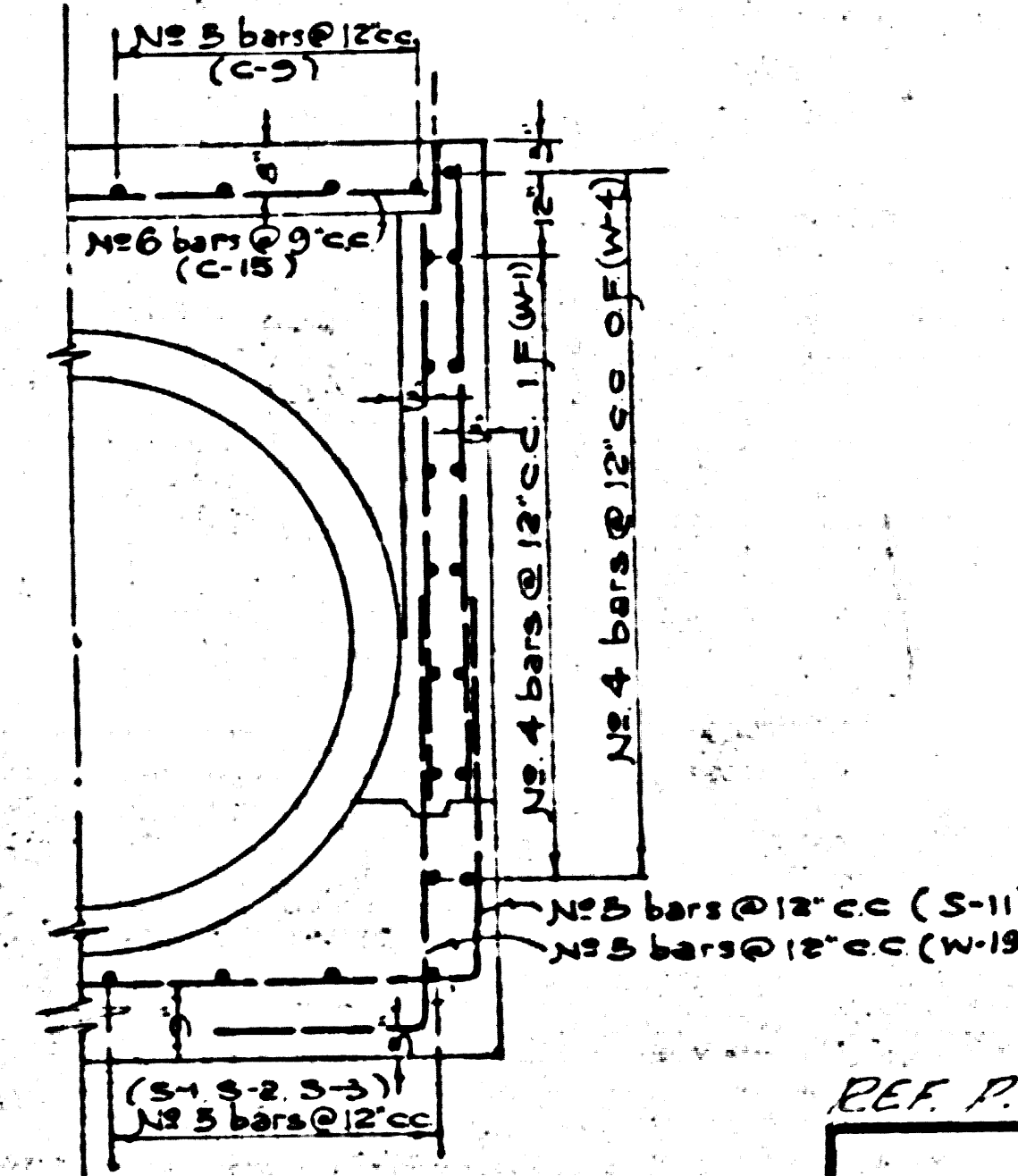
90° BEND DETAIL
NO SCALE



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



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



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

- GENERAL NOTES
1. Use Deformed Bars
 2. Ultimate Concrete Stress (28 days) $f_c = 3000 \text{ psi}$
 3. Allowable Stress $f_s = 20000 \text{ psi}$
 4. All bar laps to be 40 Diameter Minimum
 5. Quantities shown are for (1) Structure Only
 6. Bend bars to miss Stop Log Notch if necessary

SIPHON No. 2 STRUCTURAL DETAILS (60)

REINFORCING SCHEDULE

TYPE	MARK	SIZE	NO	s	b	c	REMARK
	C-1	5	1	1'-10"			
	C-2	5	1	2'-4"			
	C-3	5	1	4'-0"			
	C-4	5	2	5'-2"			(BEND BARS AROUND OPENING)
	C-5	5	2	1'-7"			
	C-6	5	1	0'-9"			
	C-7	6	1	2'-0"			
	C-8	6	1	2'-8"			
	C-9	6	1	3'-3"			
	C-10	6	1	1'-3"			
	C-11	6	1	1'-9"			
	C-12	6	1	5'-2"			
	C-13	6	1	5'-10"			
	C-14	6	1	6'-6"			
	C-15	6	18	7'-0"			(CUT BARS TO MISS OPENING IF NECESSARY)
	C-16	6	8	11'-7"			
	C-17	6	4	3'-3"			
	C-18	6	4	4'-0"			
	S-1	5	4	12'-2"			
	S-2	5	2	12'-2"	0'-6"	0'-0"	
	S-3	5	2	11'-5"	5'-0"	5'-0"	
	S-4	5	1	10'-0"	5'-0"	5'-0"	
	S-5	5	1	7'-8"	5'-0"	5'-0"	
	S-6	5	1	7'-8"	5'-0"	5'-0"	
	S-7	5	1	6'-3"	5'-0"	5'-0"	
	S-8	5	1	4'-2"	5'-0"	5'-0"	
	S-9	5	1	5'-4"	5'-0"	5'-0"	
	S-10	5	2	7'-6"			
	S-11	5	11	7'-6"	5'-6"		
	S-12	5	1	5'-1"	1'-0"		
	S-13	5	1	6'-2"	1'-0"		
	S-14	5	1	6'-0"	1'-0"		
	S-15	5	1	5'-5"	1'-0"		
	S-16	5	1	6'-6"	1'-0"		
	S-17	5	1	7'-0"	1'-0"		
	S-18	5	1	9'-0"	1'-0"		
	W-1	4	7	11'-10"			(cut bars to miss opening if necessary)
	W-2	4	7	7'-5"	8'-10"		(cut bars to miss opening if necessary)
	W-3	4	7	8'-5"	6'-5"		(cut bars to miss opening if necessary)
	W-4	4	8	12'-4"	2'-0"		(cut bars to miss opening if necessary)
	W-5	4	8	7'-6"	2'-0"		(cut bars to miss opening if necessary)
	W-6	4	8	5'-6"	2'-0"		(cut bars to miss opening if necessary)
	W-7	4	8	5'-5"	2'-0"		(cut bars to miss opening if necessary)
	W-8	4	8	7'-2"	2'-0"		(cut bars to miss opening if necessary)
	W-9	5	32	5'-7"			
	W-10	5	21	6'-5"			
	W-11	5	5	2'-5"			
	W-12	5	5	1'-5"			
	W-13	5	5	1'-5"			
	W-14	5	5	1'-0"			
	W-15	5	5	1'-5"			
	W-16	5	5	1'-5"			
	W-17	5	10	2'-0"			
	W-18	5	2	2'-2"			
	W-19	5	32	4'-5"	2'-0"		
	W-20	5	10	5'-0"			
	W-21	5	5	4'-0"			
	B-1	6	4	9'-0"			
	B-2	6	8	5'-0"	1'-0"		

REF. P.C. # 9792 COUNTY STORM DRAIN BOND ISSUE

PREPARED BY JOHN A. LAMBIE COUNTY ENGINEER CHECKED BY <i>[Signature]</i> SIMULATION ENGINEER DRAWN BY H. LEE CHECKED BY H. LEE DESIGNED BY H. LEE APPROVED BY H. LEE DATE: 1/21/37	REVISIONS <table border="1"> <tr><th>MARK</th><th>DATE</th><th>DESCRIPTION</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	MARK	DATE	DESCRIPTION							LOS ANGELES COUNTY FLOOD CONTROL DISTRICT PROJECT NO. 19 HOLLYDALE A LINE 2 SANITARY SEWER RECONSTRUCTION SIPHON NO. 2-SIPHON STRUCTURE STRUCTURAL DETAILS APPROVED BY <i>[Signature]</i> CIVIL ENGINEER SCALE: 1/2"=1'-0" DATE: AUG. 1937 SHEET 4E OF 47
MARK	DATE	DESCRIPTION									