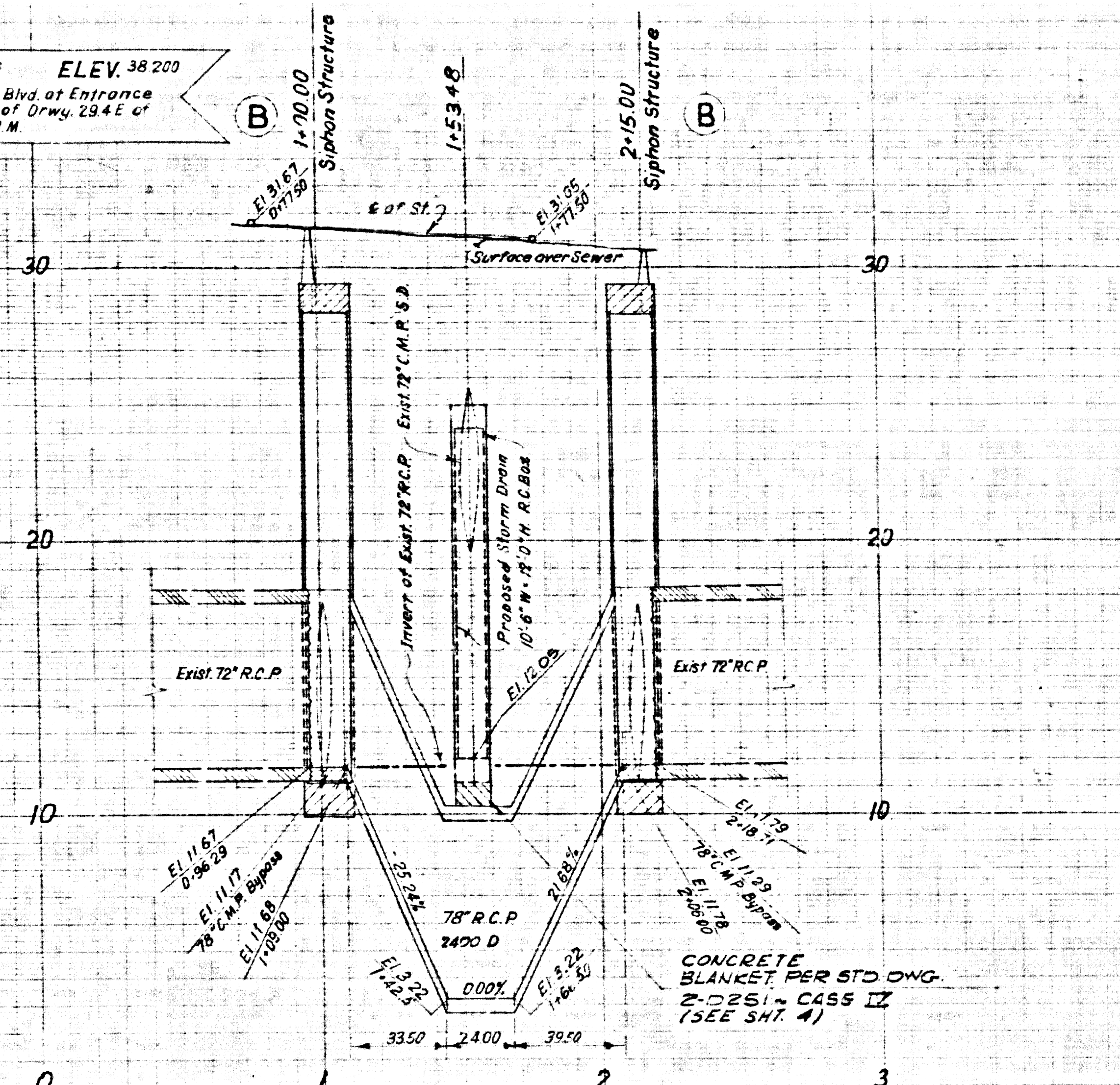


Profile Scale:  
 Horiz: 1" = 40'  
 Vert: 1" = 4'

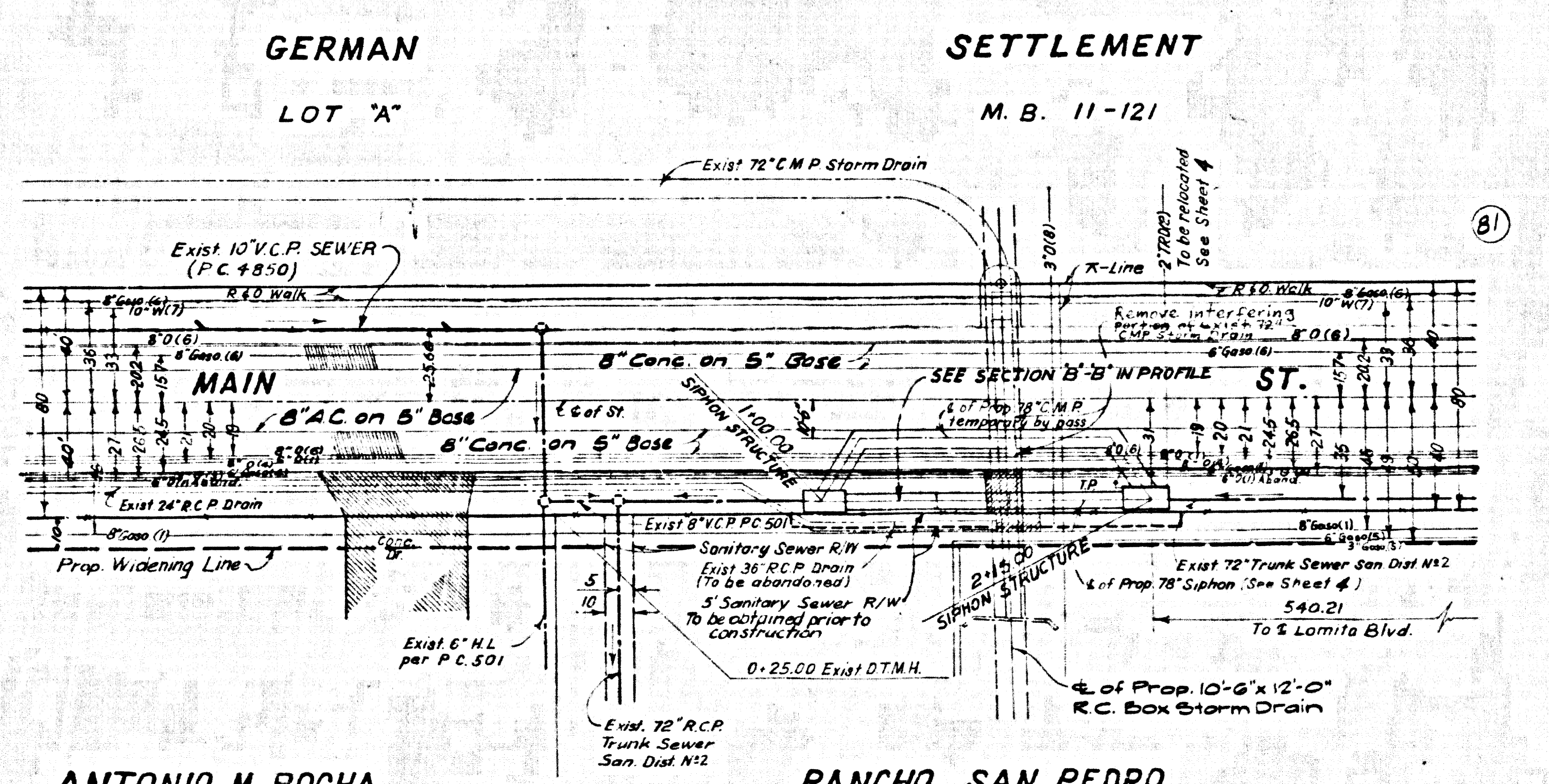
B.M. S.D. 1123, F.B. 3343-13 ELEV. 38.200  
 Main St 1180' N of Lamita Blvd. at Entrance  
 to Pures Corp. on N. Curb of Drwy. 294 E of  
 Etc. of Corp. L. & T. Mfg. B.M.



**GENERAL SEWER NOTES**

1. DELETED
2. Vitrified clay pipe joints shall be Type "D", "F" or "G", per Section 208-2 of Standard Specifications.
3. "T" or "Y" branches may be used for connection to main line sewers.
4. Sewer pipe and appurtenances shall be abandoned in accordance with Section 306-3 of Standard Specifications.
5. Existing sewer services and flow shall be maintained at all times.
6. The Contractor shall notify the Construction Division of the County Engineer by telephone 629-4747, Ext. 81551, at least twenty-four hours before starting any work under this contract.
7. The following latest revised Standard Plans shall apply in the construction of this project: S-1, S-2, S-3, S-10, S-15, S-17, S-18, S-21, S-22, S-23, S-24, S-33.
8. All concrete cross gutters, curbs, gutters and driveways shall be tunneled or jacked per Los Angeles County Road Department requirements.
9. Refer to Section 7-10.4.1 of Standard Specifications regarding Safety Orders.
10. All work for the construction of C.S.D. sewers and appurtenant structures shall be done in accordance with the Standard Specifications For The Construction of Sewers and Appurtenances of County Sanitation Districts of Los Angeles County.
11. Use 3 ft dia. frames and covers per ANFY/PC Covers shall read C.S.D. NR 2.
12. Contractor shall notify Sanitation Districts (638-3097) at least 48 hours before starting any work on the construction of the Siphon.

43782



ANTONIO M. ROCHA  
 C.F. 118

RANCHO SAN PEDRO  
 C.F. 145

- The underground utility companies within the limits of this project are as follows:
- (1) Golden Eagle Oil
  - (2) Pacific Telephone
  - (3) So. Calif. Gas Co.
  - (4) Richfield Oil
  - (5) Fletcher Oil & Ref.
  - (6) Mobil Oil
  - (7) Dominguez Water
  - (8) United Oil Co.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

APPROVED  
**JOHN D. PARKHURST**  
 CHIEF ENGINEER  
 CO. SAN DIST. NR 2

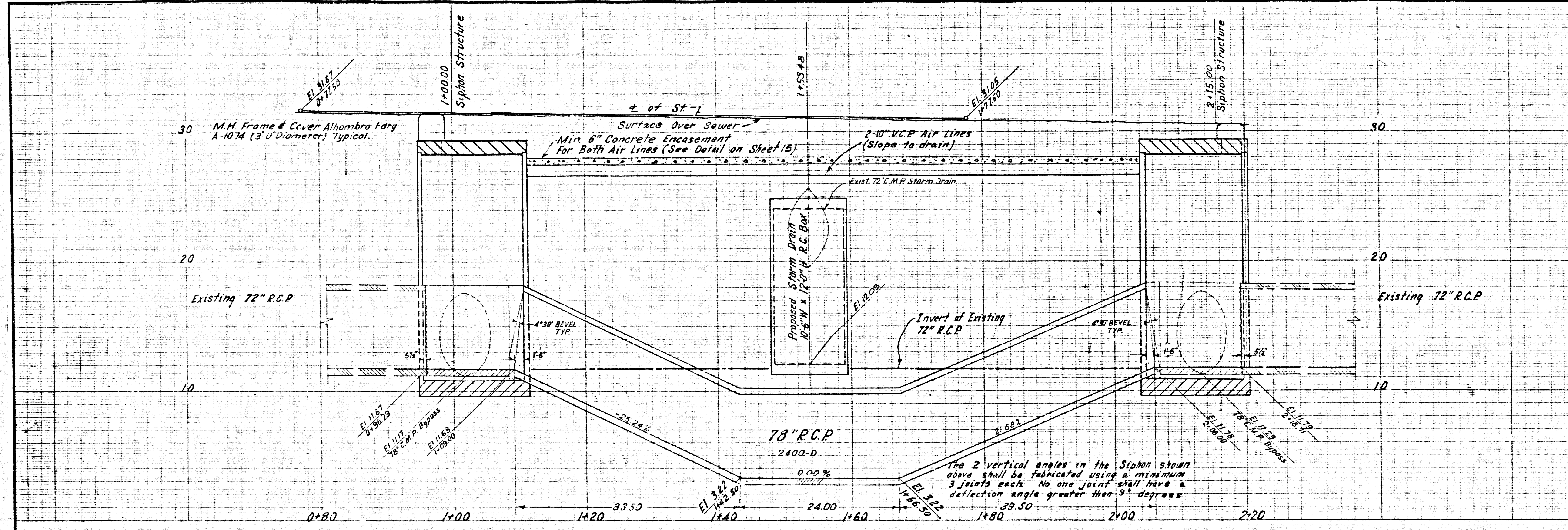
PREPARED BY  
**JOHN A. LAMBIE**  
 COUNTY ENGINEER  
 C.C. 7974  
 RECOMMENDED BY  
*[Signature]*  
 ASST. DIVISION ENGINEER, SANITATION DIVISION

1964 STORM DRAIN BOND ISSUE  
 LOS ANGELES COUNTY  
 FLOOD CONTROL DISTRICT  
 PANAMA AVE.  
 PROJECT NO. 690  
 UNIT I  
 SEWER RECONSTRUCTION  
 PLAN AND PROFILE

SCALE: 1" = 40' HORIZ, 1" = 4' VERT  
 DATE: DEC. '69  
 DWG. NO: 364-690-D4.13  
 SHEET 13 OF 16

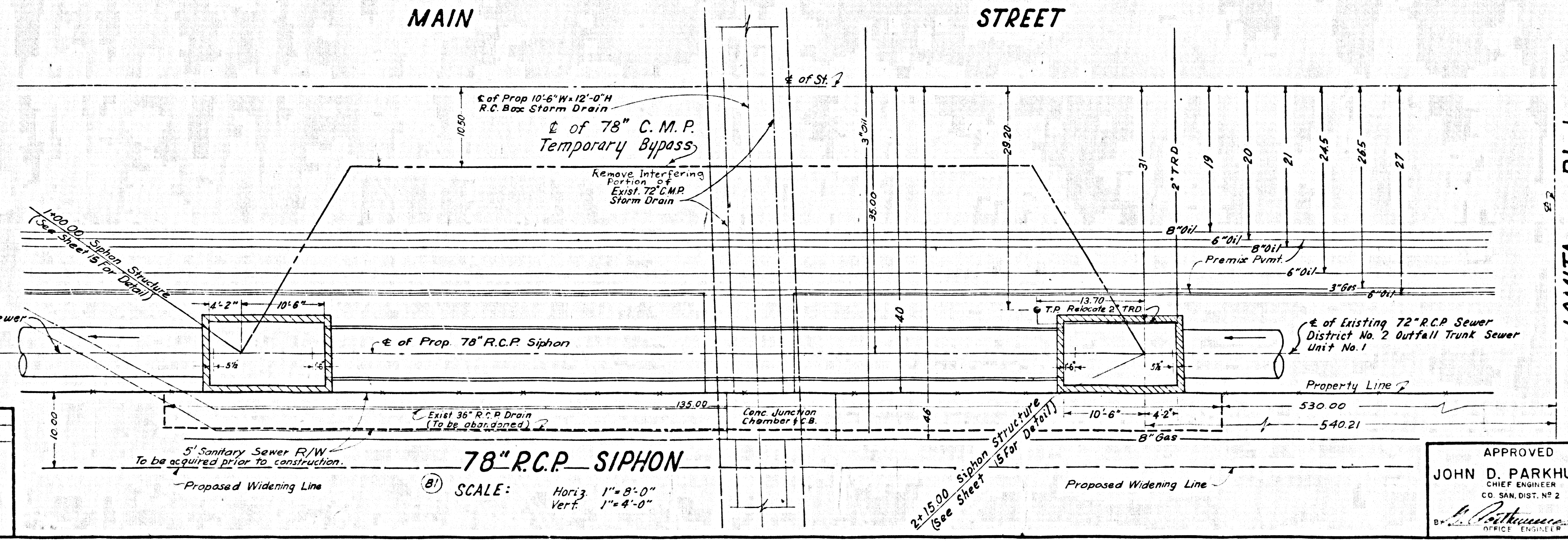
SEE 116 & CC. 2575 PC 511





**NOTE**  
 The Contractor shall construct the proposed siphon in such a manner that continuous flow of sewage in the C.S.D. trunk sewer is not interrupted. The Contractor's method of construction shall be submitted to the County Sanitation District for approval before construction. All work done and all materials furnished on Co. San. Dist. Trunk Sewer shall be subject to inspection and approval of Sanitation District representative and the Contractor shall prosecute the work only in his presence. Prior to pouring the siphon structure, the Contractor shall expose and support the portion of the existing 72" pipe to be removed by placing two cables furnished by District around each pipe. After structure is formed the District Forces will cut and the Contractor shall remove and dispose of the existing pipe sections. The Contractor shall trim and finish the cut ends of the existing pipe within the structure as directed by the Engineer.

**MAIN STREET**



REVISIONS			
MARK	DATE	DESCRIPTION	

**78" R.C.P. SIPHON**  
 SCALE: Horiz 1" = 8'-0"  
 Vert 1" = 4'-0"

APPROVED  
**JOHN D. PARKHURST**  
 CHIEF ENGINEER  
 CO. SAN. DIST. NO. 2

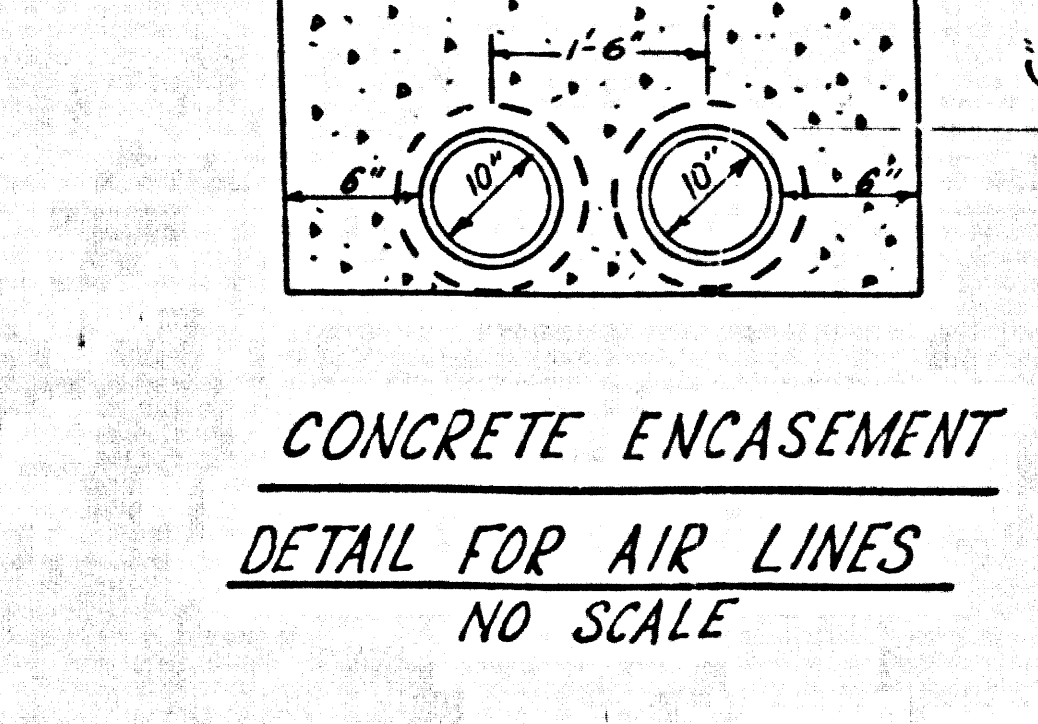
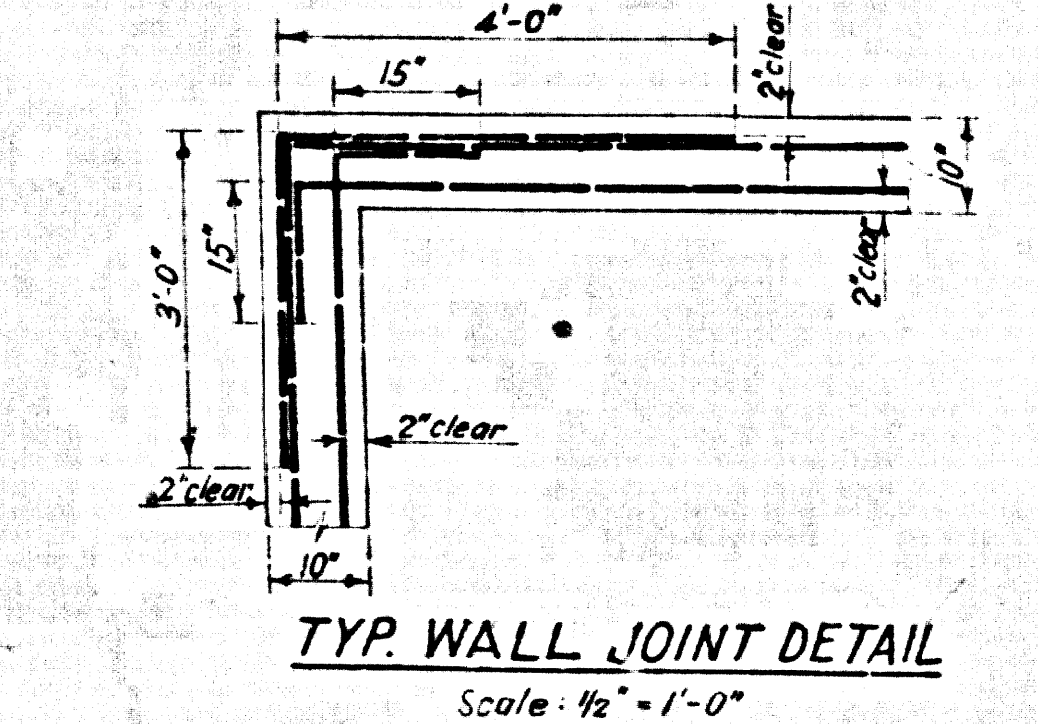
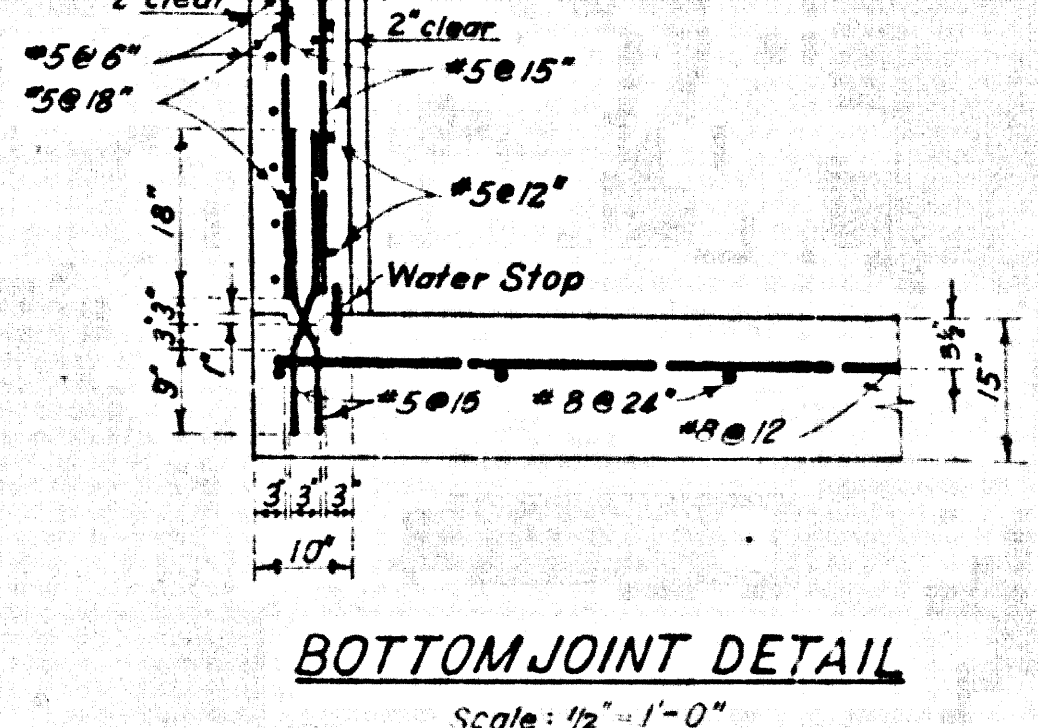
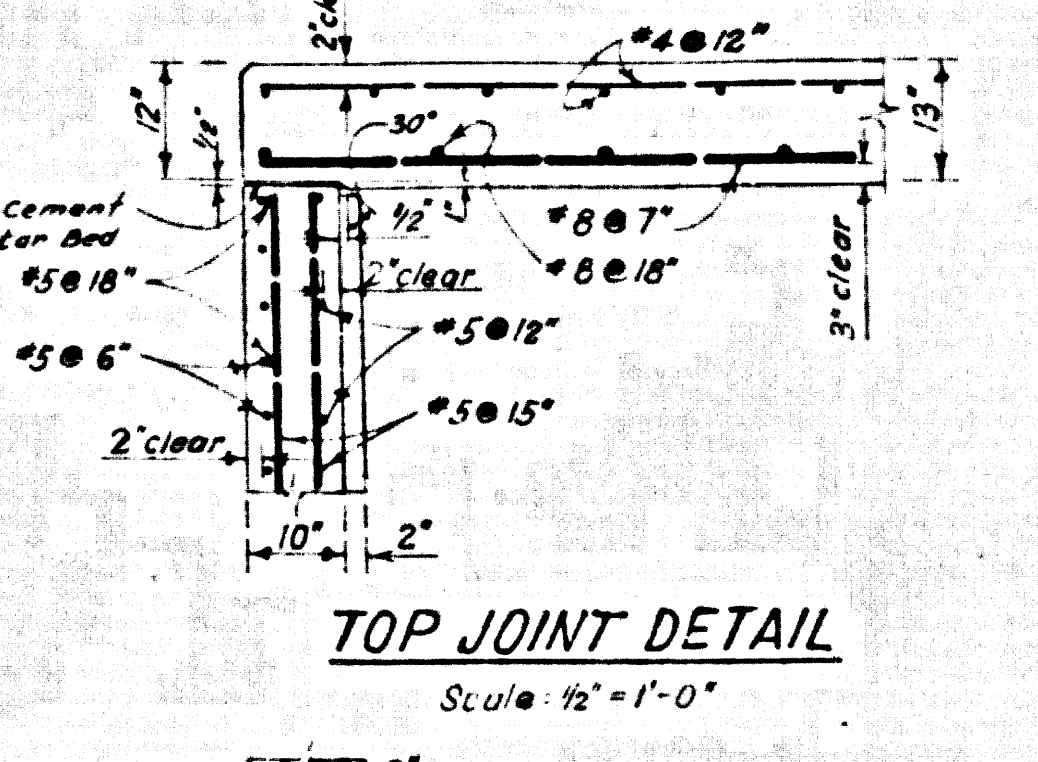
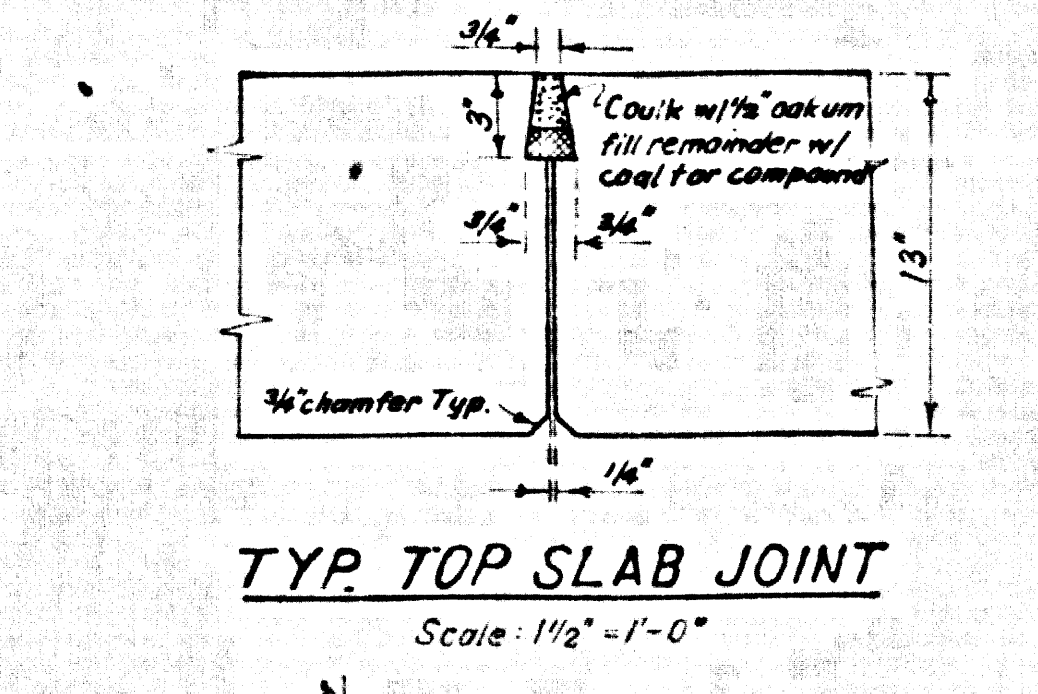
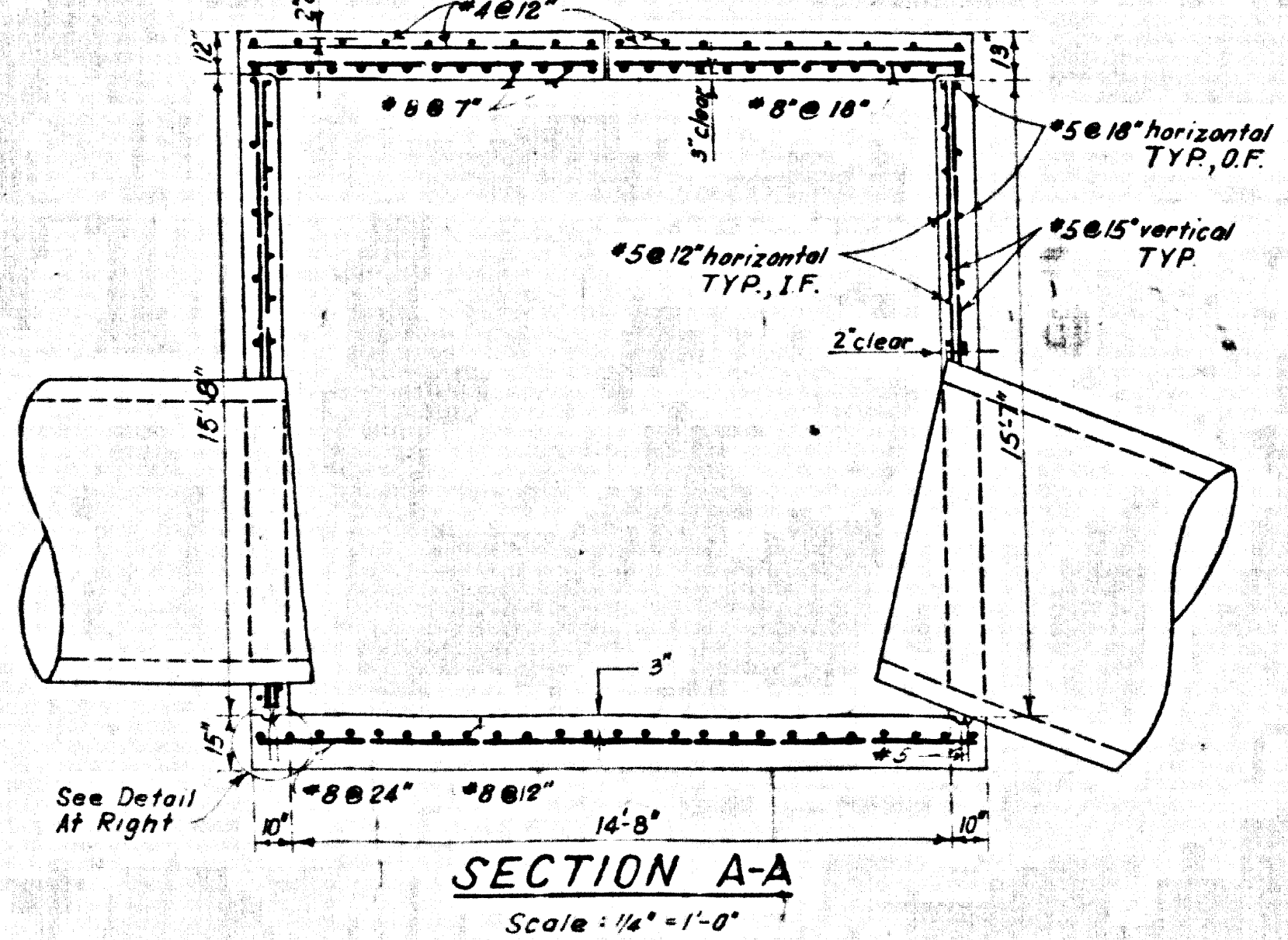
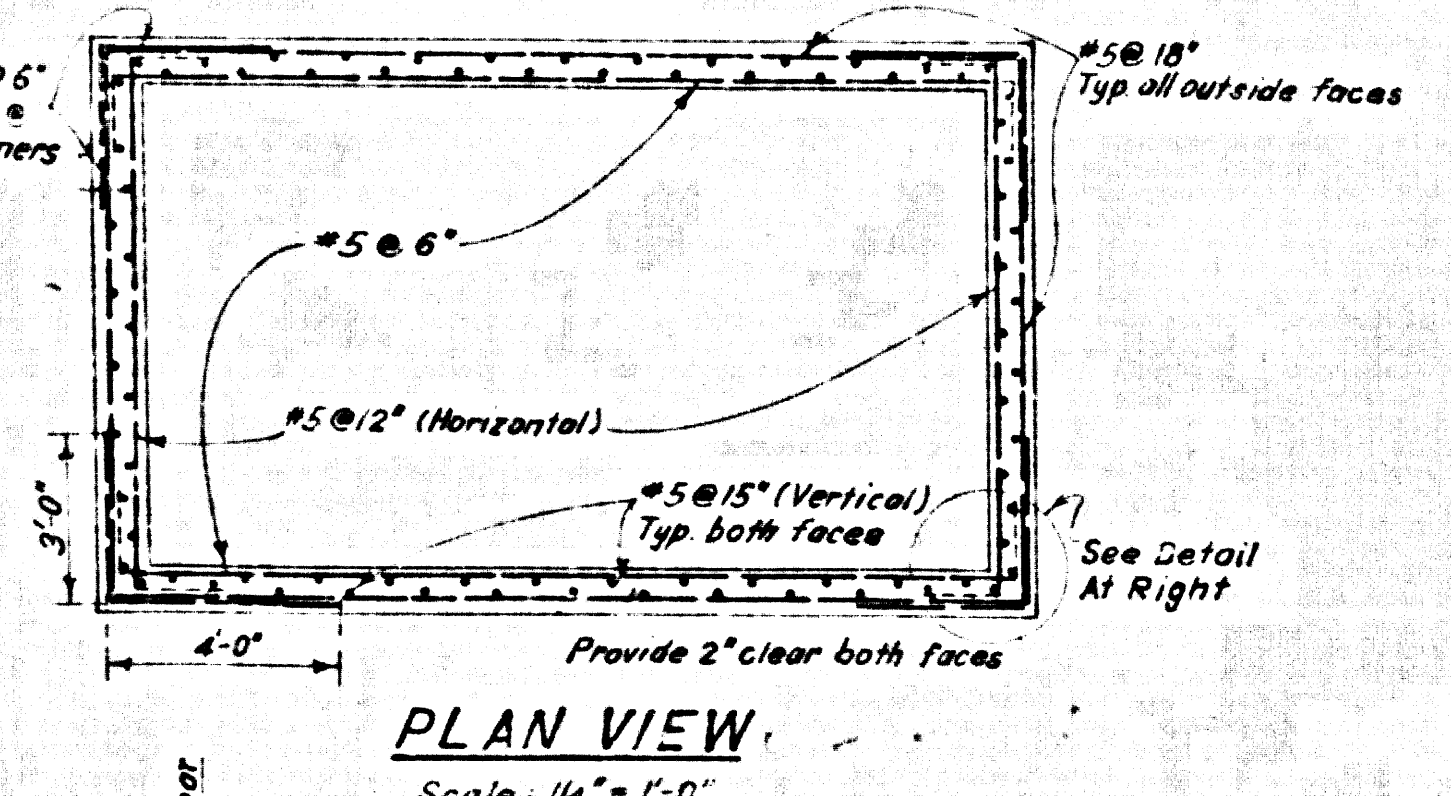
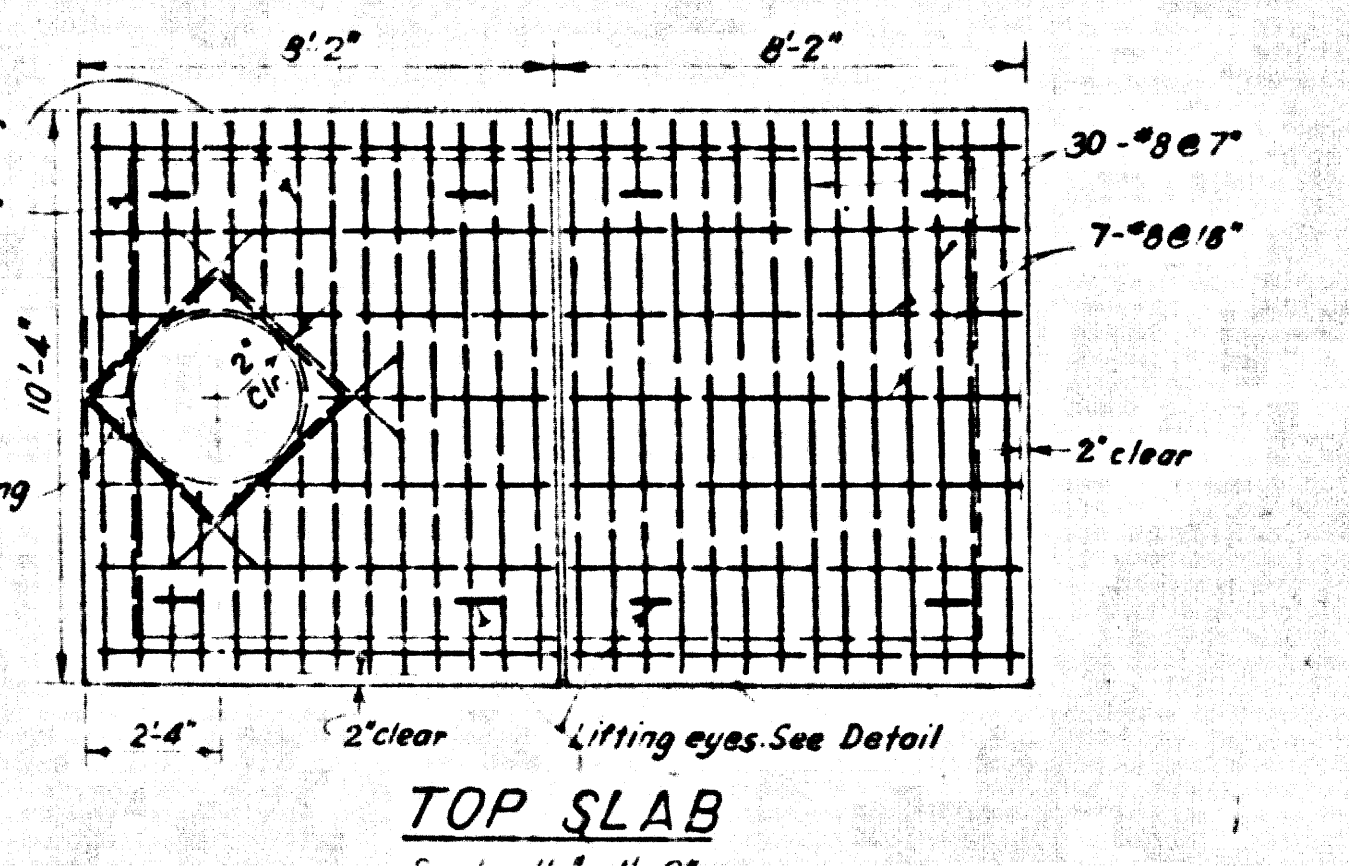
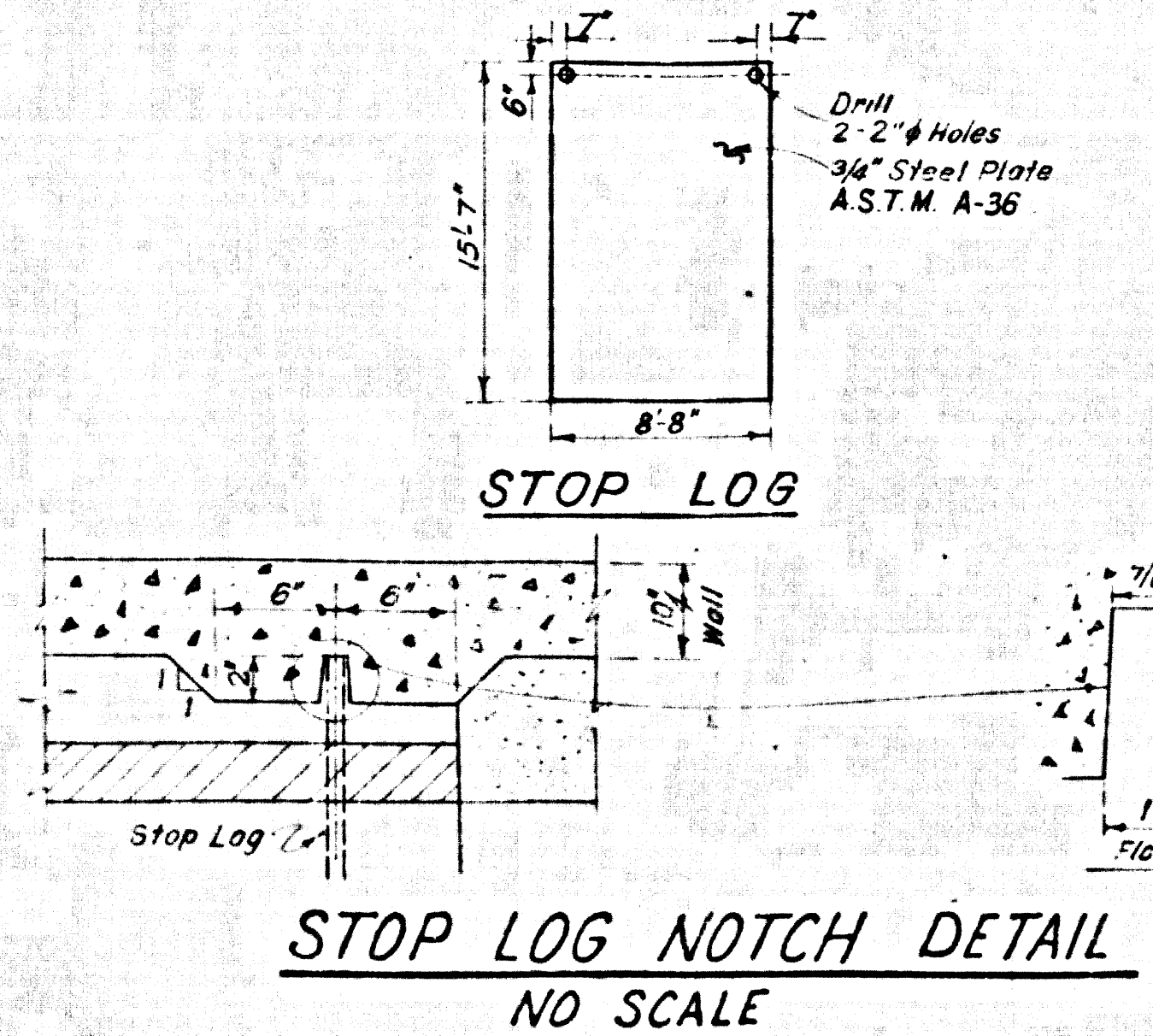
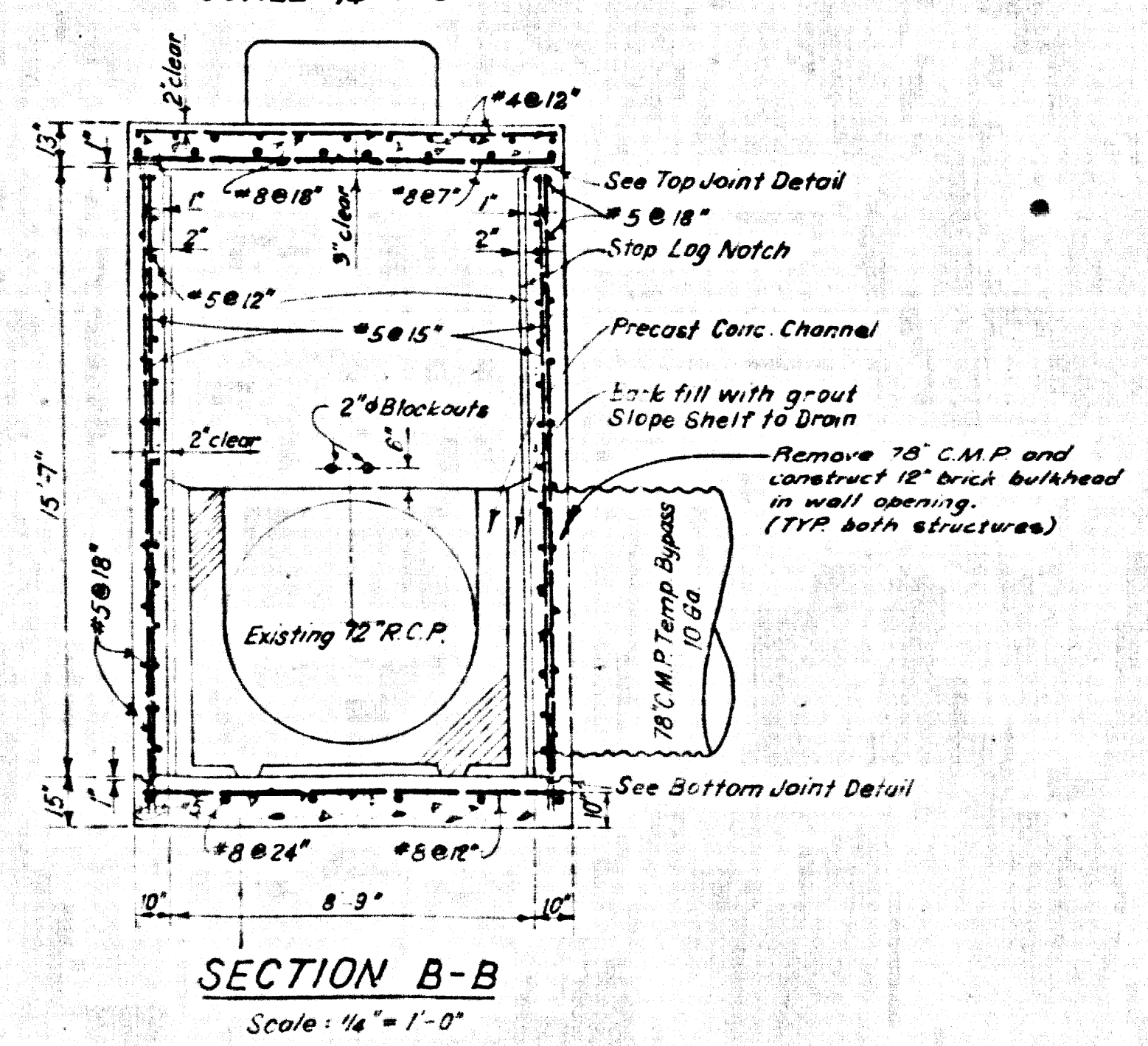
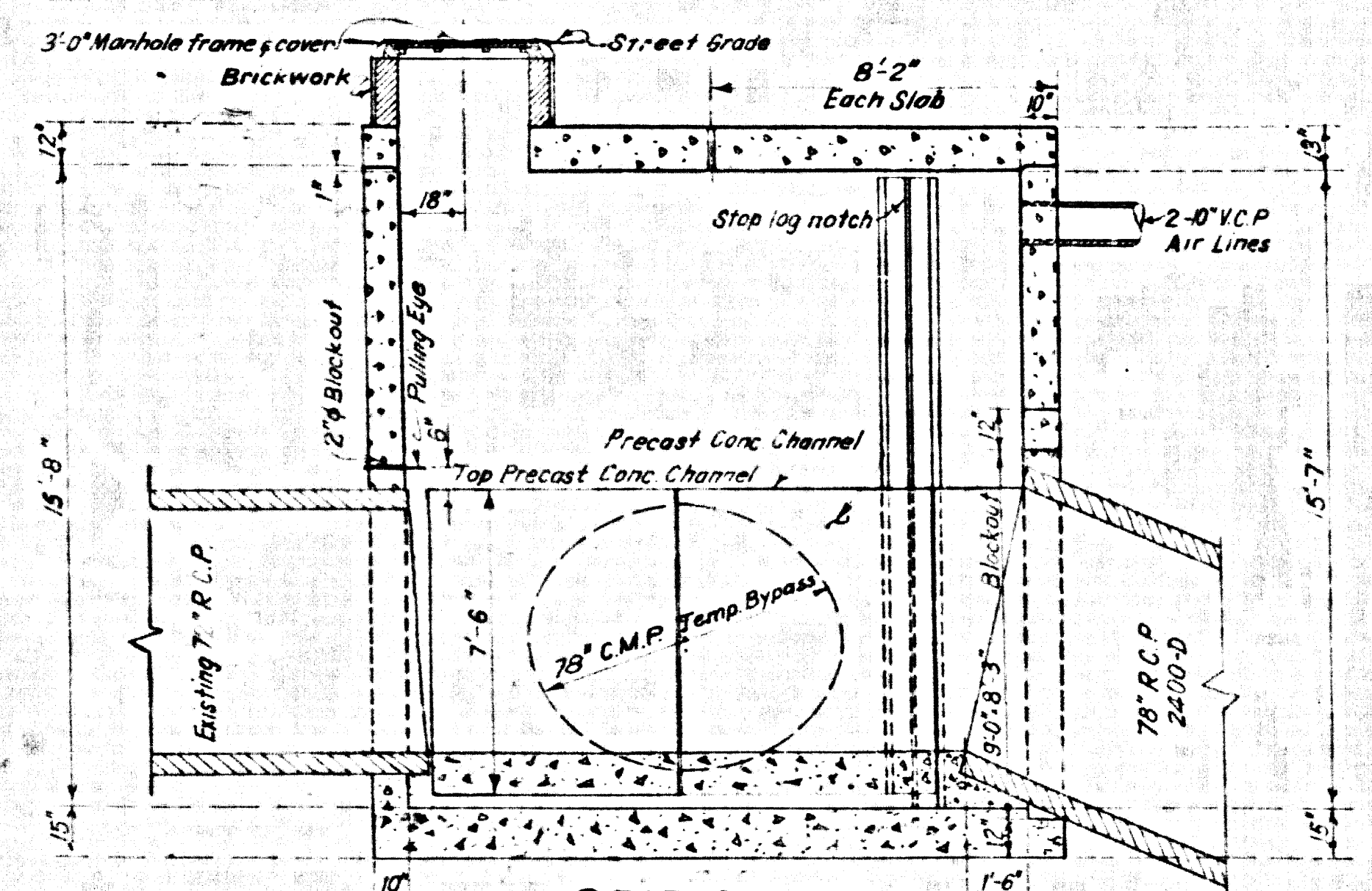
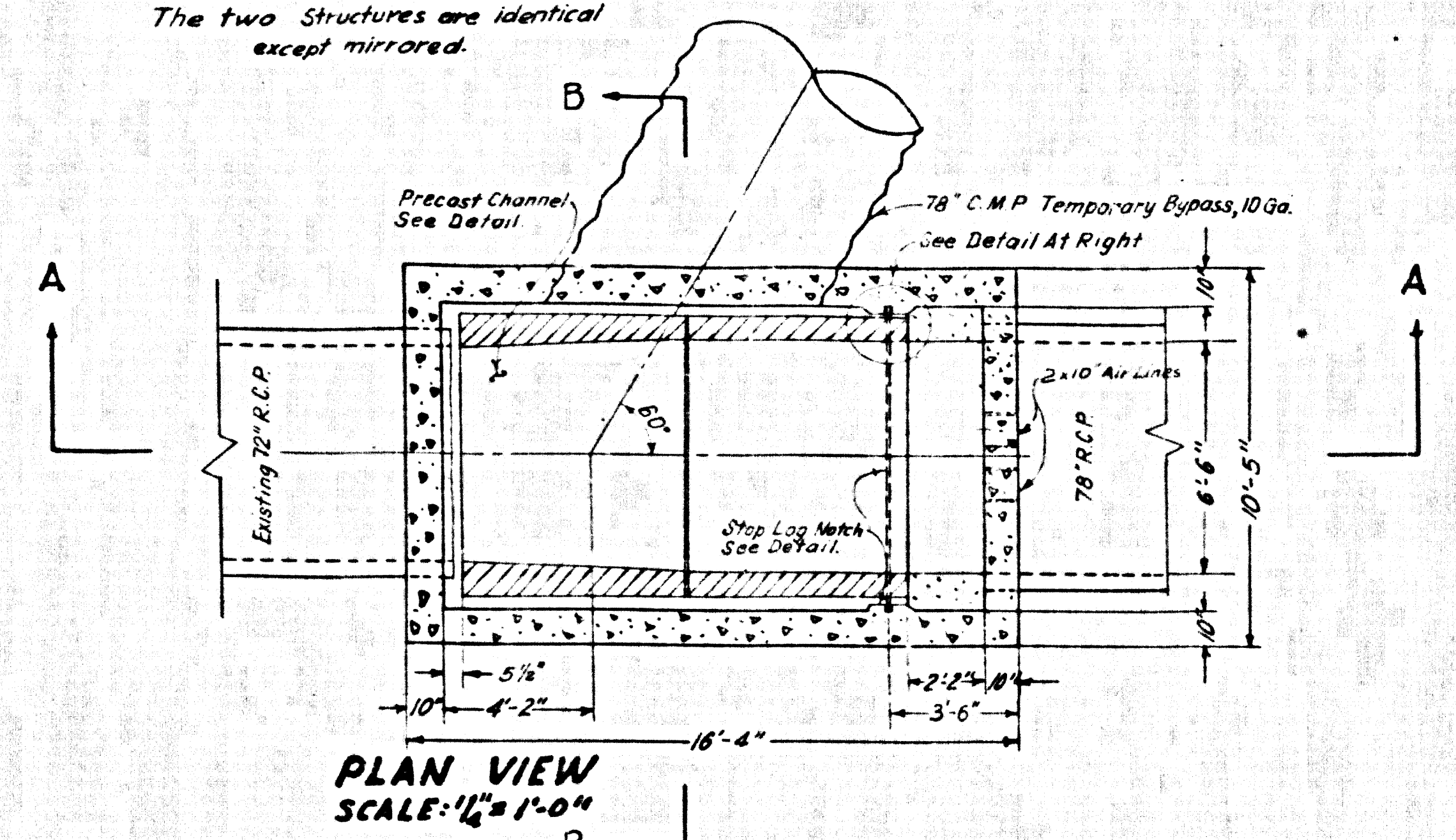
PREPARED BY  
**JOHN A. LAMBIE**  
 COUNTY ENGINEER  
 C.C. 7974  
 RECOMMENDED BY  
*[Signature]*  
 DIST. DIVISION ENGINEER, SANITATION DIVISION

1964 STORM DRAIN BOND ISSUE  
 LOS ANGELES COUNTY  
 FLOOD CONTROL DISTRICT  
 PANAMA AVE.  
 PROJECT NO. 690  
 UNIT I  
 SEWER RECONSTRUCTION  
 PLAN AND PROFILE  
 RECOMMENDED BY  
*[Signature]*  
 APPROVED BY  
*[Signature]*  
 SCALE: AS SHOWN  
 DATE: DEC. '69  
 DWG. NO. 364-690-04.14  
 SHEET 14 OF 16

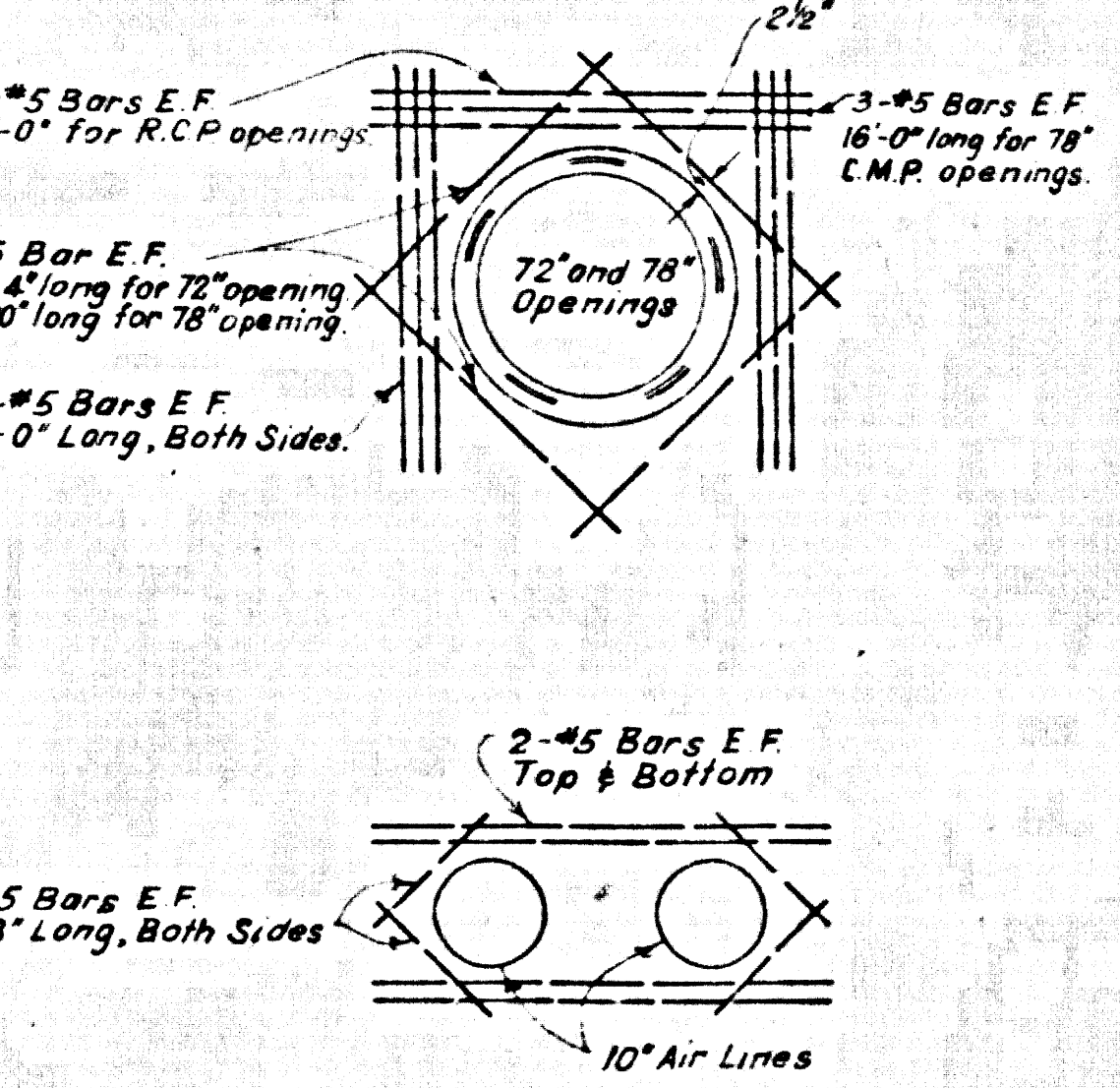
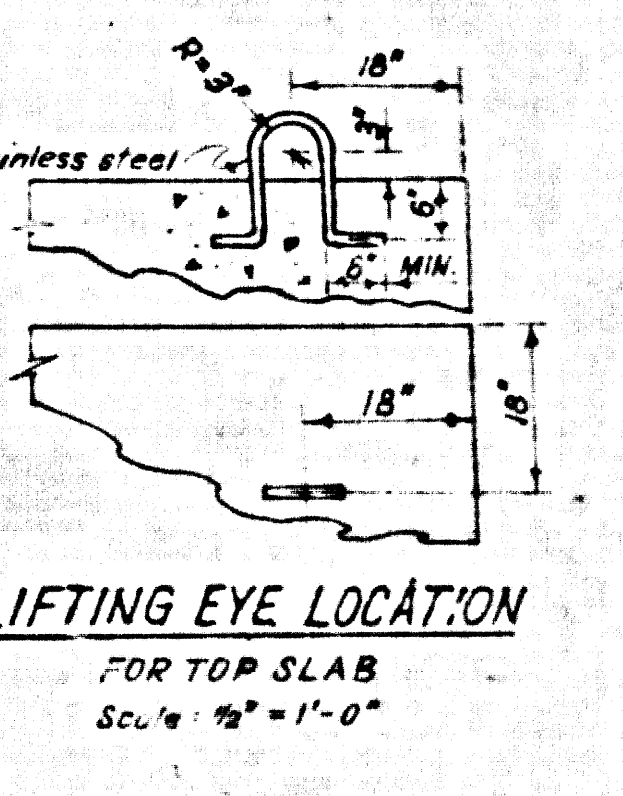
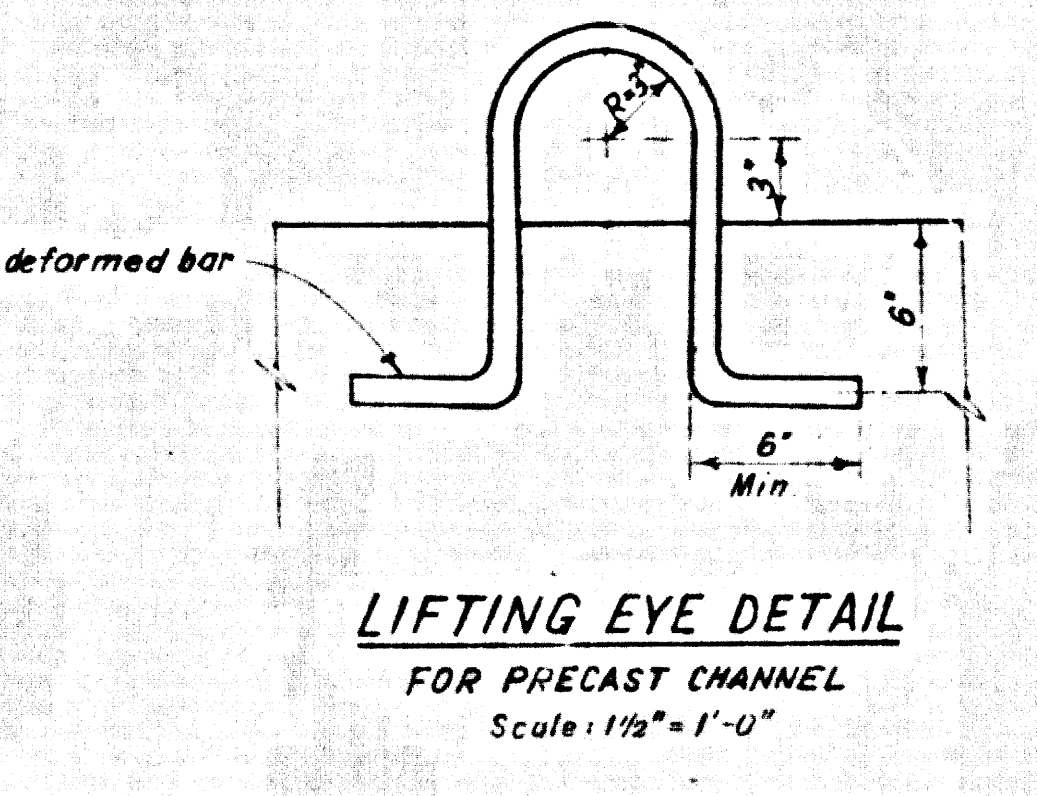
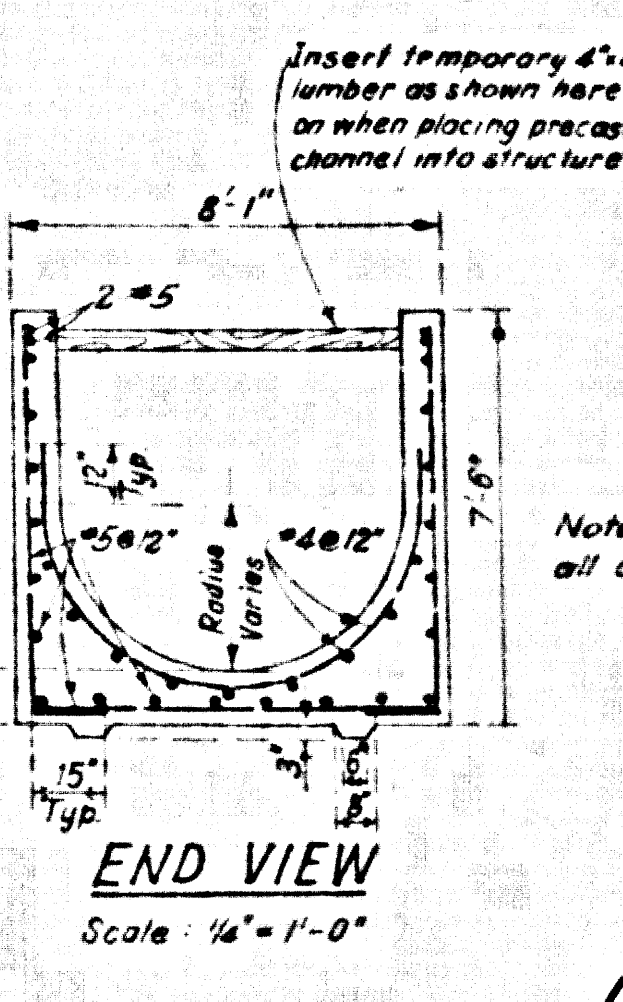
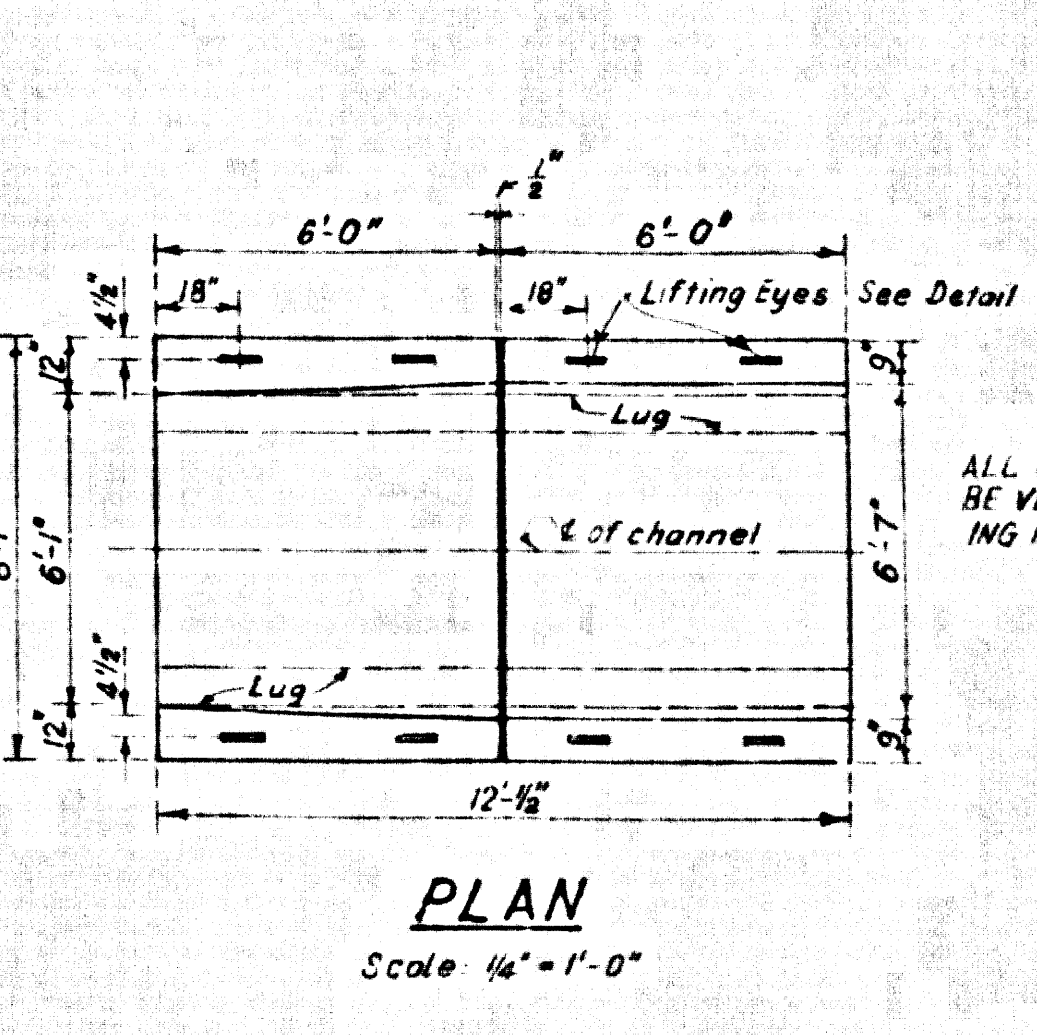
43783



**SIPHON STRUCTURE**  
The two structures are identical except mirrored.



**PRECAST CONCRETE CHANNEL**



- NOTES REGARDING CONCRETE AND REINFORCING STEEL**
- All concrete shall be Class "A" (f'c = 3000 PSI @ 28 days) unless otherwise noted.
  - All reinforcing bars shall be of intermediate grade non-billet steel deformed bars conforming to ASTM Specs. A15 and A305. Reinforcing bars shall be weldable.
  - Reinforcing bars shall have 2" of cover unless dimensioned otherwise. Where concrete is poured against soil without forms the cover shall be 3". Ties shall have 1 1/2" cover min.
  - All bars shall be lapped a min. of 24 bar diameters, but not less than 12" unless detailed otherwise.
  - All inside and outside corners shall be formed with 1/4" chamfer unless detailed otherwise.
  - Bars shall be cut at pipes and openings and diagonal bars added E.F. as shown on drawings.

NO.	DATE	DESCRIPTION

1964 STORM DRAIN BOND ISSUE  
LOS ANGELES COUNTY  
FLOOD CONTROL DISTRICT

PANAMA AVE.  
PROJECT NO. 690  
UNIT I  
SEWER RECONSTRUCTION

PREPARED BY  
**JOHN A. LAMBIE**  
COUNTY ENGINEER

RECOMMENDED BY  
**C.C. 7974**  
RECOMMENDED BY

APPROVED  
**JOHN D. PARKHURST**  
CHIEF ENGINEER  
SAN DIST. NO. 2

SCALE: 1/4" = 1'-0"  
DATE: DEC. '69  
DWG. NO. 364-690-04.15  
SHEET 15 OF 16