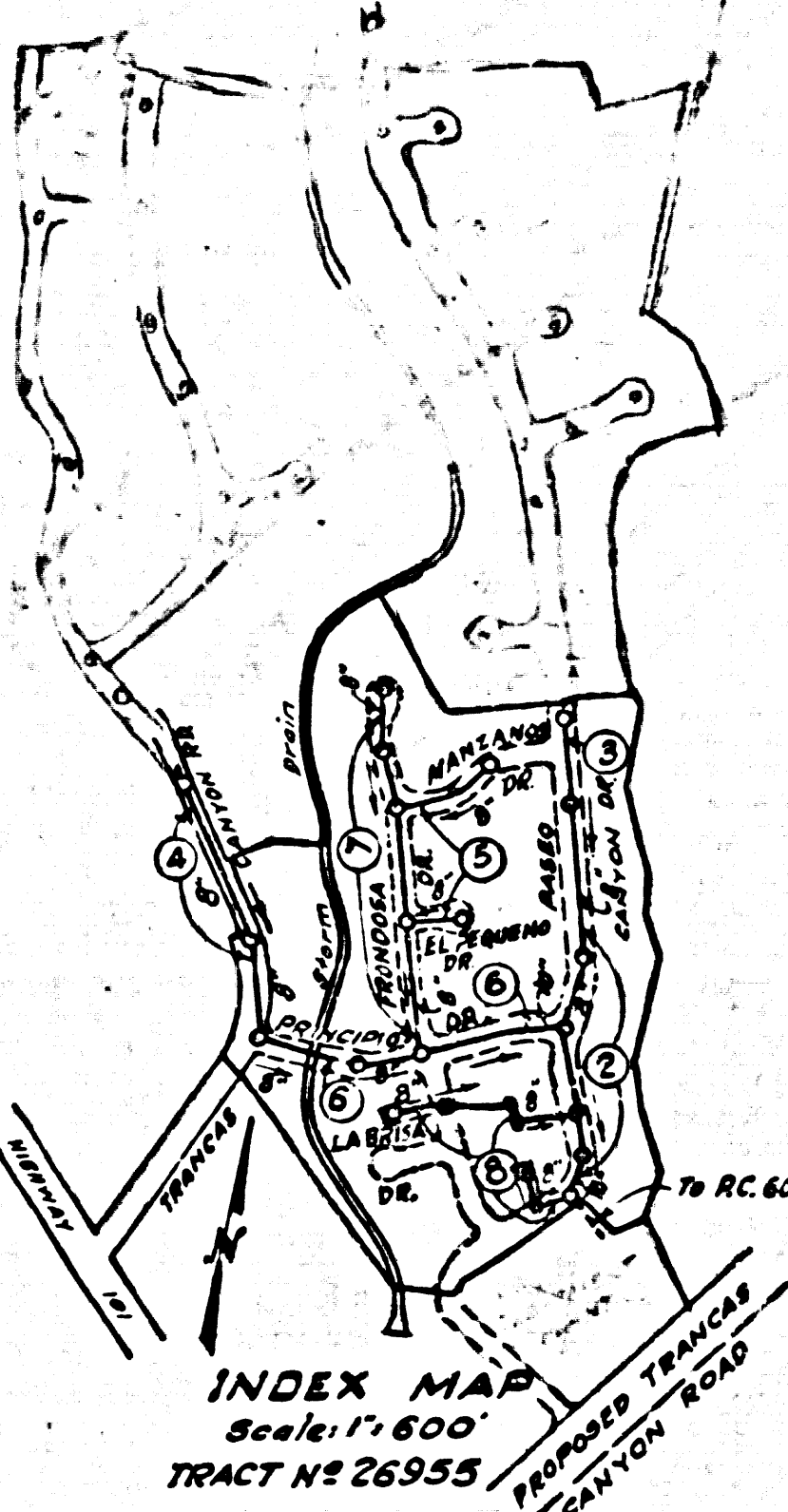


BENCH MARK  
BY 5451 (C.S.B.M) 48-136) Malibu 1960  
ELEV. 18.616  
Bronze Tablet, South Side of Pacific  
Coast Highway at Trancos Creek Bridge  
of West End of Walk. Marked R-49, 1928  
Reset 1938.



DOUBLE SCALE  
MALIBU BLDG. DIST. NO. 9.2

PROFILE ALIGNMENT AND GRADE OF P.C. 6003  
SANITARY SEWERS PAGE 1  
TO BE CONSTRUCTED IN J.N. 035733  
TRACT NO. 26955

PRIVATE CONTRACT NO. 6003

W.S. 95  
4 SHEETS; 8 PAGES  
SCALE: VERT. 1"=5' HORIZ. 1"=40'  
DECEMBER 1961  
PREPARED IN THE OFFICES OF  
AMCO ENGINEERS  
8844 W. OLYMPIC BLVD.  
BEVERLY HILLS, CALIF.  
By J. May-Arango 12-13-61  
REG. C. E. NO. 11467  
FOR LEGEND SEE PLAN NO. S-A-64

32739

- NOTES:
1. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  2. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  3. THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND Y BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ANY CHANGE IN LOCATION SHALL BE REQUESTED IN WRITING BY THE OWNER OR HIS REPRESENTATIVE.
  4. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
  5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  6. USE STANDARD MANHOLE FRAMES AND COVERS, S-117, EXCEPT AS NOTED.
  7. USE EXTRA STRENGTH PIPE, ALL PIPE IS STANDARD DEPTH, EXCEPT AS NOTED.
  8. USE CEMENT MORTAR OR "WEDGE-LOCK" OR "SPEED-SEAL" FOR ALL V.C.P. JOINTS PER SPEC. SECS. 36 & 48.
  9. RESURFACE ALL TRENCH WITHIN PAVED AREA TO MEET L.A. COUNTY ROAD DEPT. OR CALIF. STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  10. ENCASE FOUR FEET OF SEWER AT POINTS OF INTERFERENCE WITH POLES, CASE III, S-172.
  11. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
  12. ALL STRUCTURES SHALL BE BRICK SEWER STRUCTURES, S-104, EXCEPT AS NOTED.
  13. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 10, SPEC. SEC. 54.
  14. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
  15. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION & STORM DRAIN DIVISION BY TELEPHONE, MADISON 9-4741, EXT. 364, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  16. STANDARD SPECIFICATIONS DATED OCTOBER 25 1961 APPLY IN THE CONSTRUCTION OF THIS PROJECT
- "SEWERS IN FILLED BROWN" CONSTRUCTION
- a) NO CONSTRUCTION WILL BE PERMITTED IN FILLED AREAS UNLESS ACCEPTABLE CERTIFICATION IS SUBMITTED TO THE CONSTRUCTION DIVISION OF THE COUNTY ENGINEERS DEPARTMENT THAT RELATIVE COMPACTION IS GREATER THAN 80%.
  - b) IF COMPACTION IS LESS THAN 80% THE SEWER MUST BE CRADLED AS SHOWN ON THE PLANS PER S-166.
  - c) IF COMPACTION IS GREATER THAN 80% NEITHER CRADLING NOR SPECIAL MANHOLE BASES WILL BE REQUIRED. HOWEVER, JOINT COMPOUND OR "WEDGE-LOCK" OR "SPEED-SEAL" MUST BE SUBSTITUTED FOR CEMENT MORTAR FOR ALL JOINTS IN FILLED AREAS.

NOTE:  
LOTS 56, 57, 58 & 59 ARE  
NOT TO BE USED FOR  
BUILDING SITES.

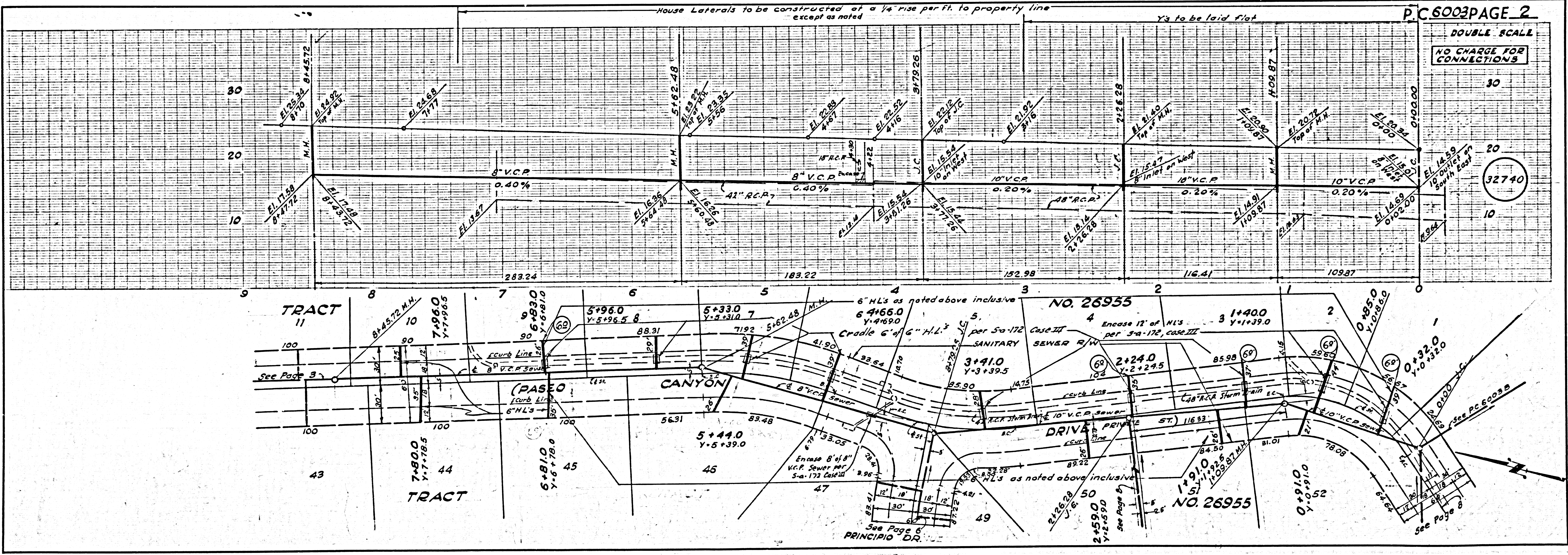
Revision:  
Relocated Sewer in new  
R/W Page 8  
Approved: Jack C. Lancia  
Reg. C.E. # 5631

NO CHARGE FOR  
CONNECTIONS  
Sk. Guida 3-27-62

NOTE:  
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.  
ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.  
THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.  
BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 9 AND MAKE A DEPOSIT WITH THE COUNTY ENGINEER, ROOM 310, COUNTY ENGINE BLDG., 108 W. 2ND ST., SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.  
APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.  
IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 128 SOUTH SPRING STREET.

COUNTY OF LOS ANGELES, CALIFORNIA

APPROVED, JOHN A. LAMBIE, COUNTY ENGINEER  
BY Jack C. Lancia ASST. SANITATION ENGINEER  
CHECKED BY Sk. Guida 3-27-62  
OFFICE OF COUNTY ENGINEER, REG. C. E. NO. 5406  
SUBMITTED: Jack C. Lancia  
MALIBU VILLAGES - CENTINELLA VALLEY REGIONAL ENGINEER

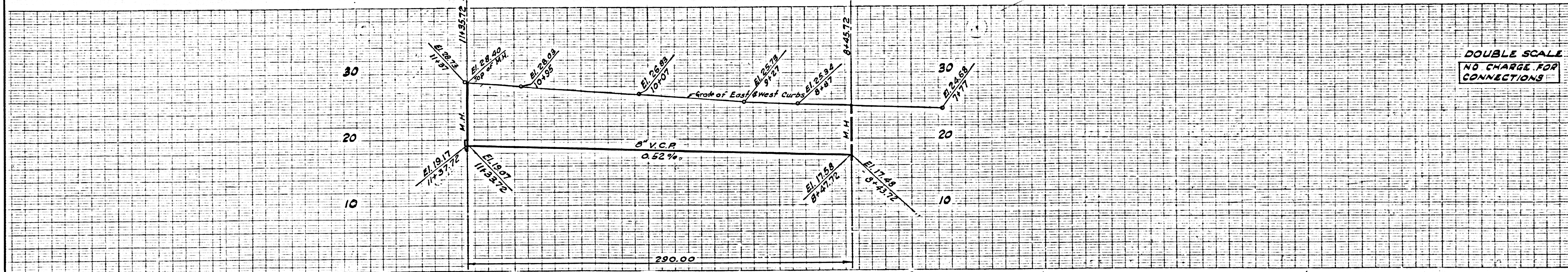


P.C. 6003 PAGE 2

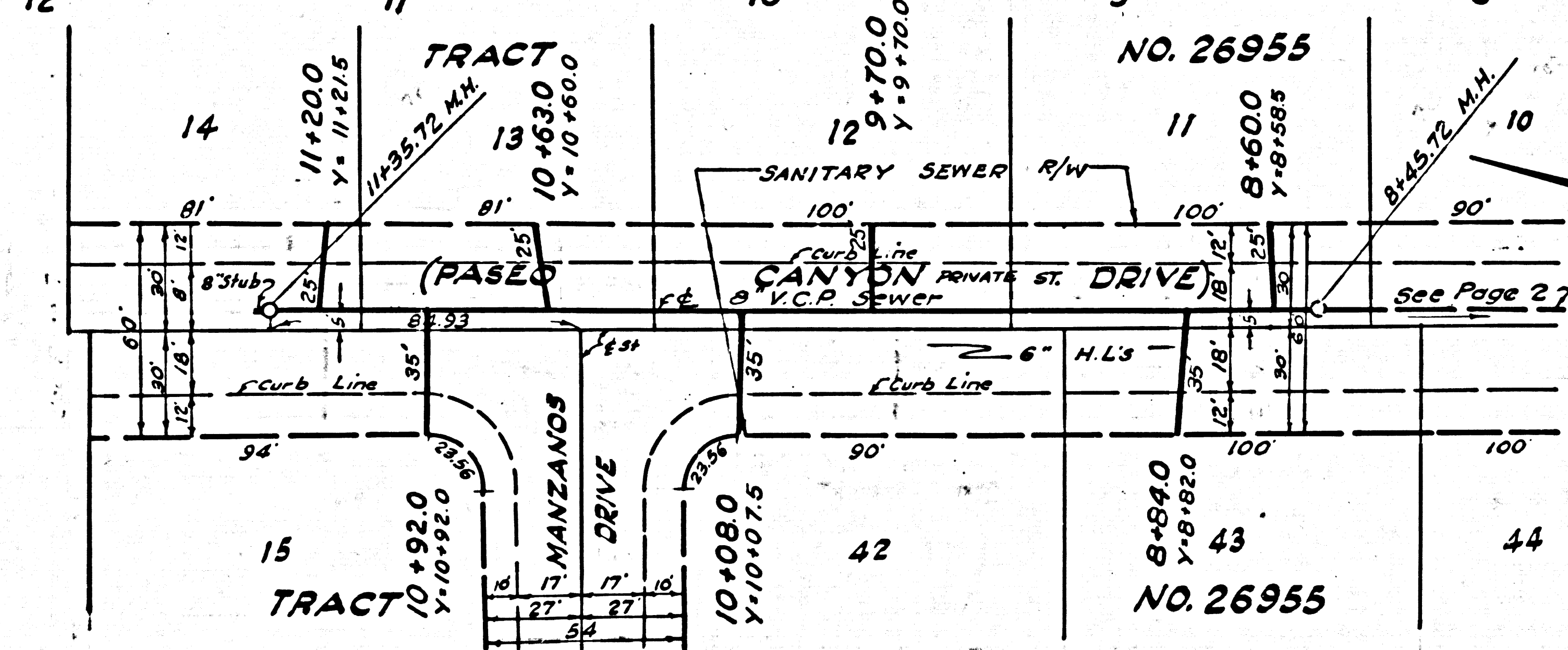
DOUBLE SCALE  
NO CHARGE FOR  
CONNECTIONS

32740

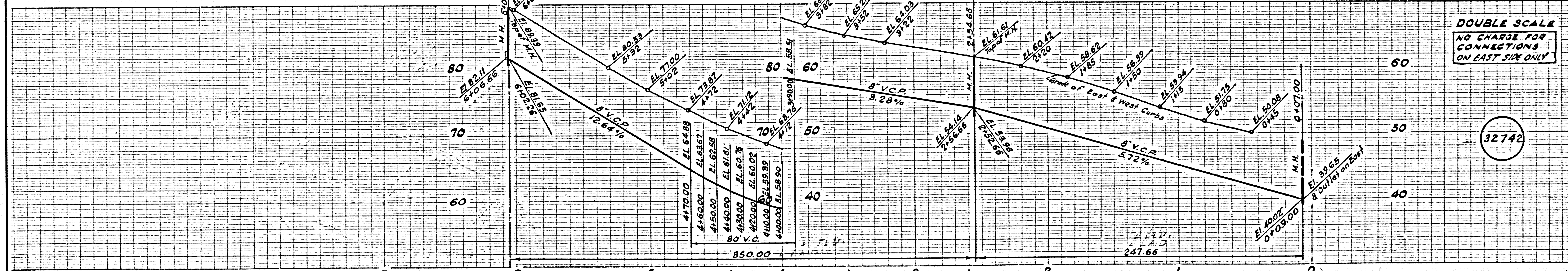




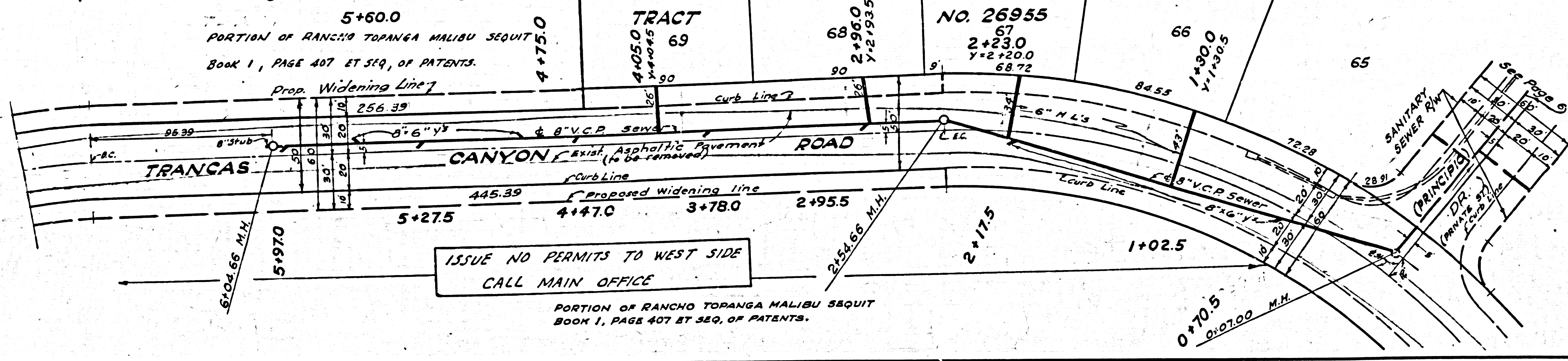
DOUBLE SCALE  
NO CHARGE FOR  
CONNECTIONS



32741



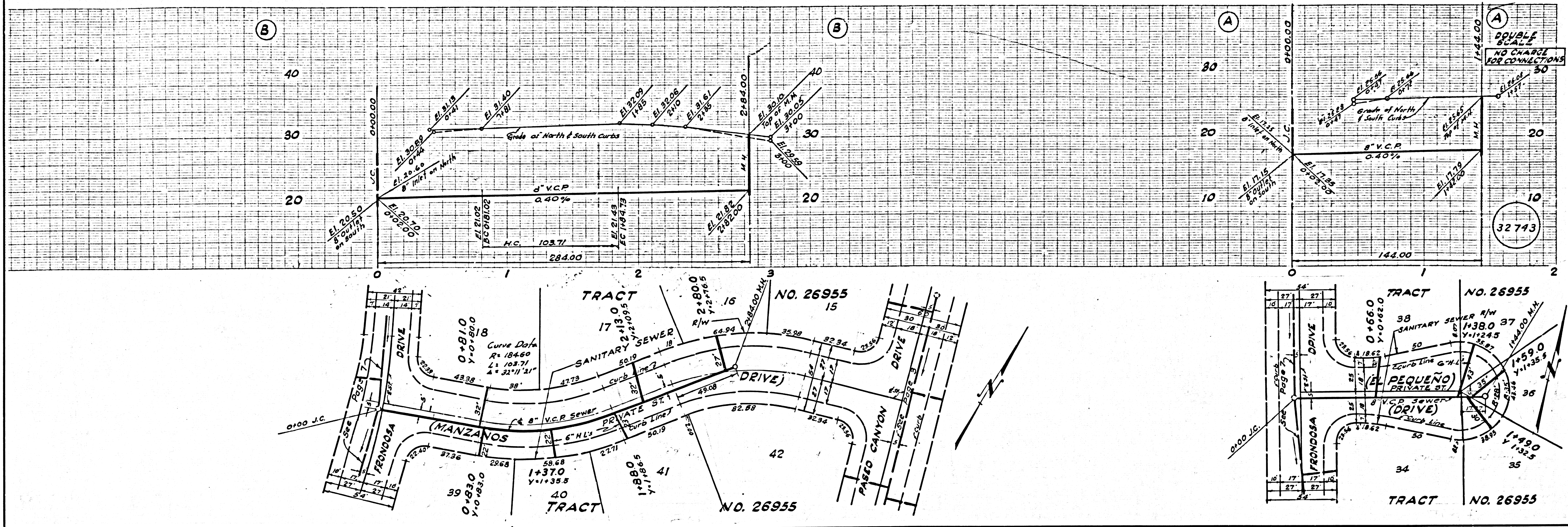
DOUBLE SCALE  
NO CHARGE FOR  
CONNECTIONS  
ON EAST SIDE ONLY



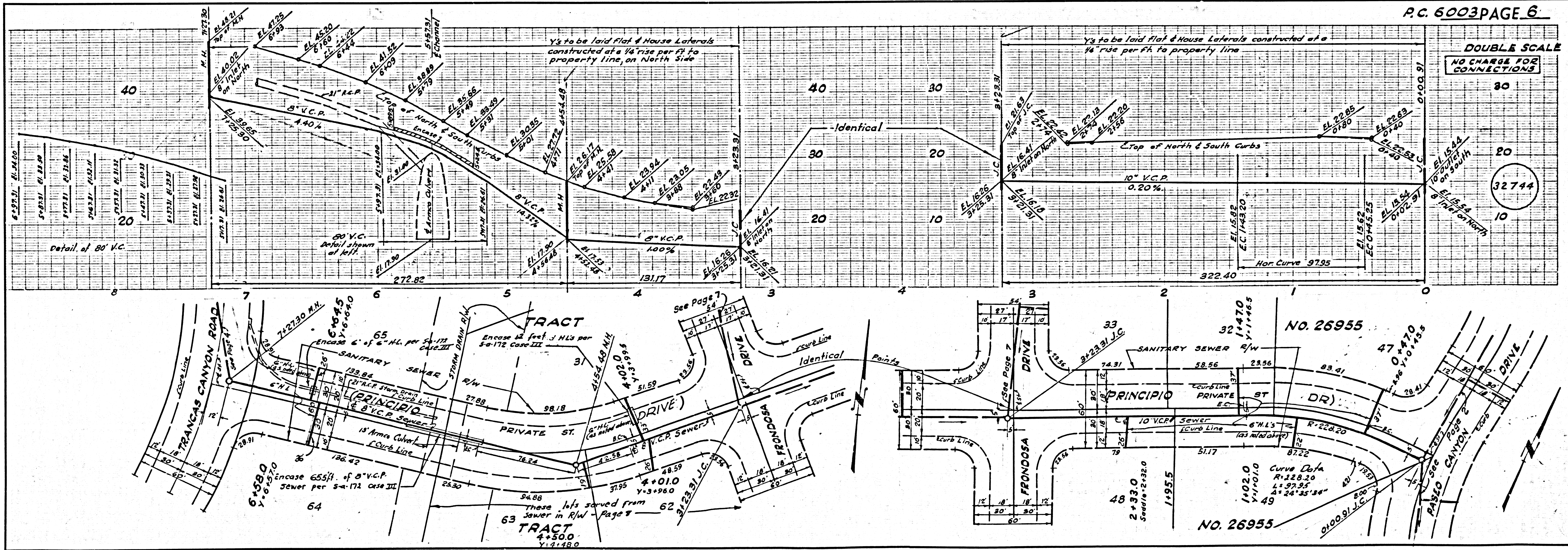
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P.C. 6003



P.C. 6003



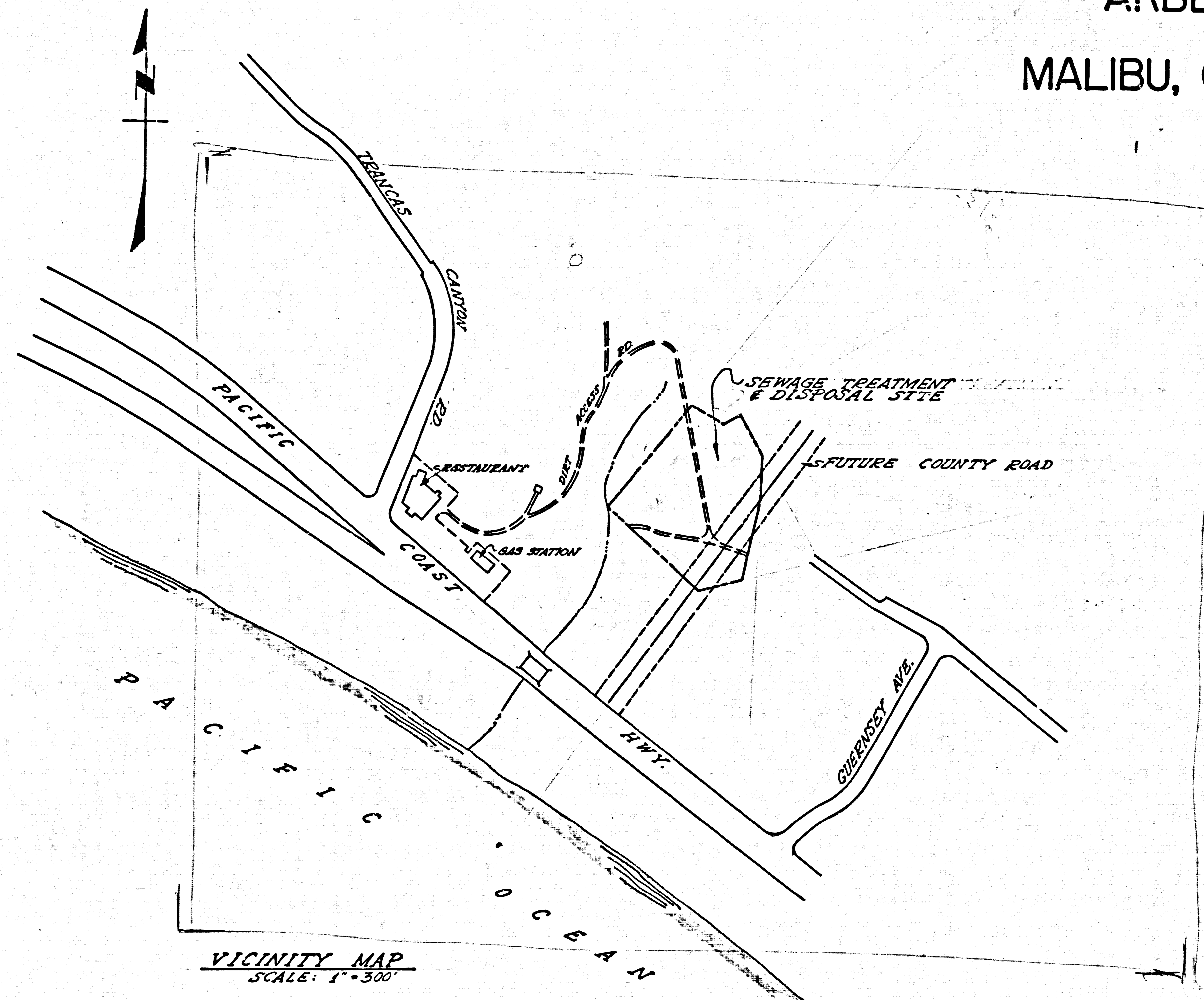






# SEWAGE TREATMENT PLANT

FOR  
 TRANCAS CANYON SUBDIVISION  
 ARBLAY, INC.  
 MALIBU, CALIFORNIA.



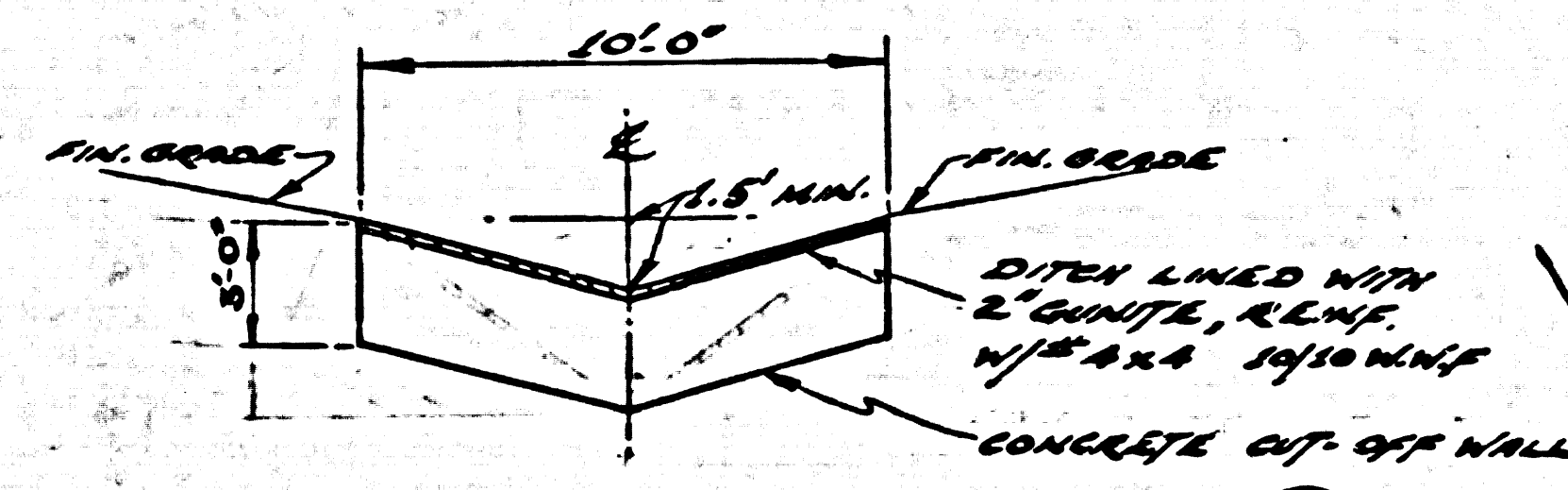
VICINITY MAP  
 SCALE: 1"=300'

## INDEX TO DRAWINGS

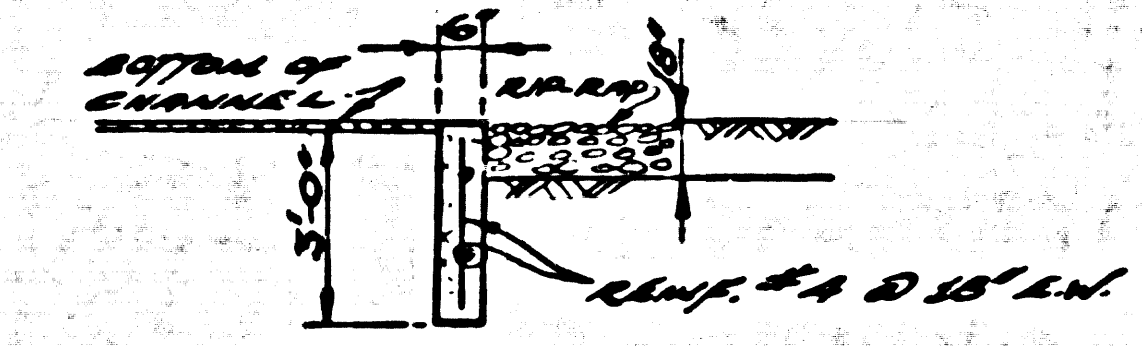
SHEET NO.	DESCRIPTION
1	PLOT PLAN, GRADING PLAN & YARD PIPING
2	DRAINFIELDS, SECTIONS & DETAILS
3	CLARIFIER-DIGESTER, MECHANICAL & STRUCTURAL DETAILS
4	OPERATIONS BLDG. PLAN & ELEVATIONS
5	OPERATIONS BLDG. SECTIONS & DETAILS
6	PIPING & MISCELLANEOUS DETAILS
7	LANDSCAPING & IRRIGATION PIPING

PREPARED IN THE OFFICE OF  
**POMEROY AND ASSOCIATES**  
 PASADENA, CALIFORNIA

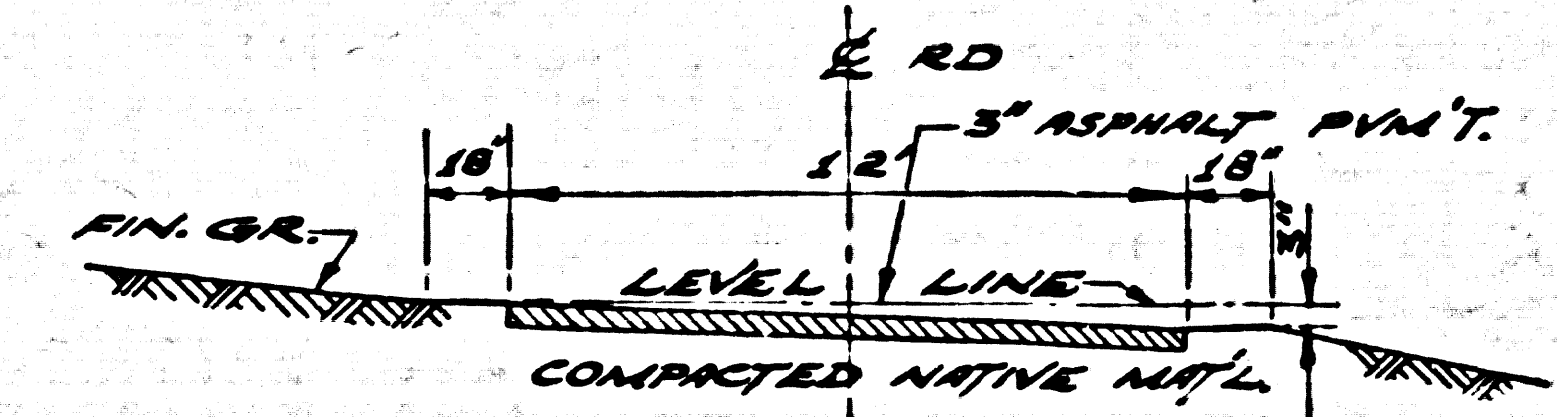




TYPICAL DRAINAGE CHANNEL DETAIL AND CUT-OUT WALL AT INLET & OUTLET NO SCALE



SECTION THROUGH CUT-OFF WALL NO SCALE



PLANT ACCESS ROAD SECTION NO SCALE

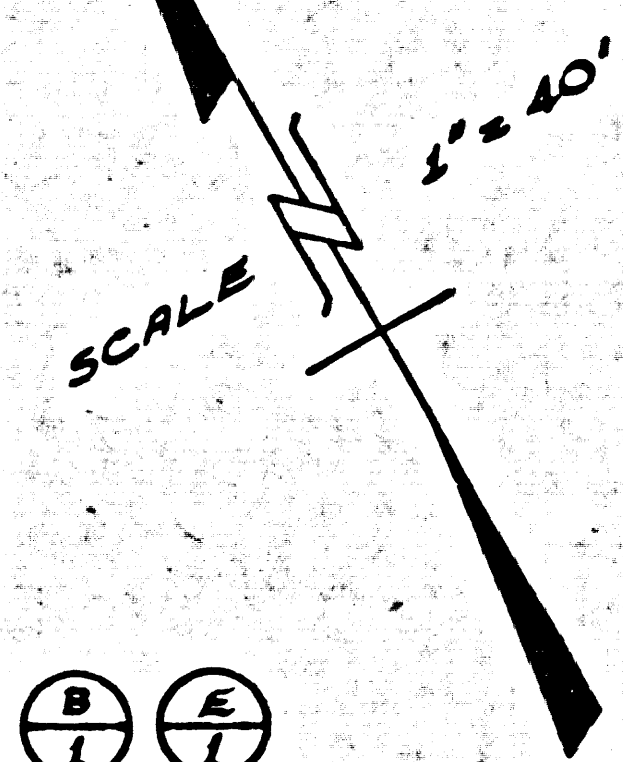
NOTE: ALL ROADS SHOWN OUTSIDE OF THE TREATMENT PLANT BOUNDARIES ARE TO BE GRADED BY OTHERS

LEGEND

- 35 — ORIGINAL GRADE CONTOURS
- 15 — FINISH GRADE CONTOURS
- 50.2 — FINISH GRADE ELEVATION
- ⊙ — TEST HOLES FOR PERCOLATION
- — TEST HOLE - SEE LOG OF BORING ON SHIT. 3
- F.L. = FLOW LINE
- N.O. = NATURAL GRADE

SHEET	REVISIONS
1	Grading, Drainage Struct., Fence
2	Concrete Gas Deflector Ring Added
4, 5	Blkg. Footing Outlooker Ties
4, 6	Water Break System
7	Fence, Landscaping

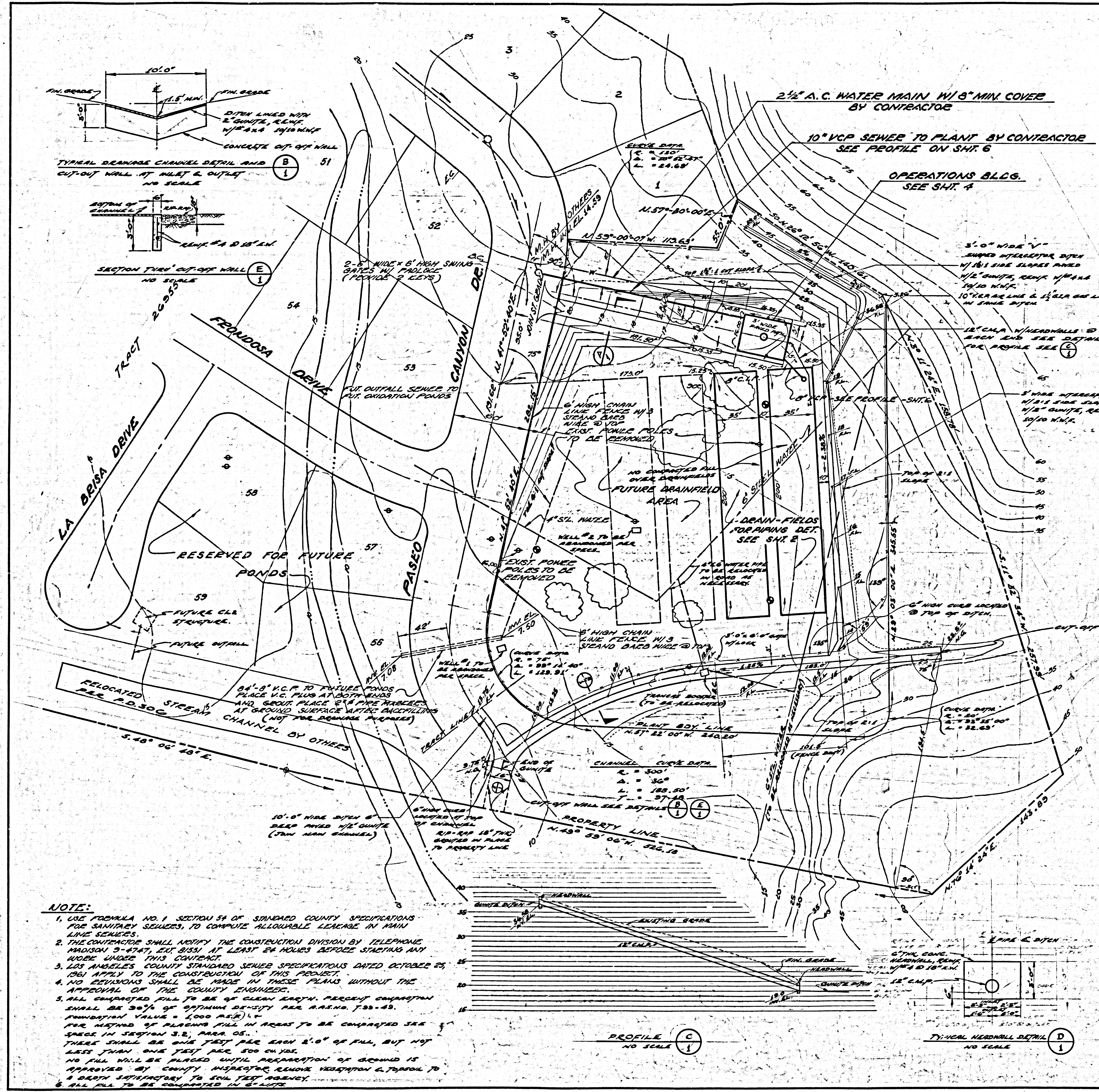
Approved by: *Richard Pomeroy* Date: 4-23-62  
 OFFICE OF THE L.A. COUNTY ENGINEER, R.L. NO. 10075  
 7 Irrigation Piping 6-26-62 42, 44



BENCH MARK: LOS ANGELES COUNTY ROAD DEPT. C.M. 575451 (C.S.M. 48-136) MALIBU 1960 ELEV. 18.810. BRONZE TABLET 50. SIDE PACIFIC COAST HWY. AT TRANCAS CREEK BRIDGE AT WEST END OF WALK MARKED E-43, 1928 - RESET IN 1938

NOTE: THE UNDERSIGNED CIVIL ENGINEER CERTIFIES THIS GRADING WORK WILL BE SUPERVISED IN ACCORDANCE WITH SEC. 7010 OF THE COUNTY BUILDING CODE. RICHARD POMEROY, #8170 Richard Pomeroy, Revised: 4-23-62.

- NOTE:
- USE FORMULA NO. 1 SECTION 54 OF STANDARD COUNTY SPECIFICATIONS FOR SANITARY SEWERS, TO COMPUTE ALLOWABLE LEAKAGE IN MAIN LINE SEWERS.
  - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE MADISON 3-4747, EXT. 81551 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - LOS ANGELES COUNTY STANDARD SEWER SPECIFICATIONS DATED OCTOBER 25, 1961 APPLY TO THE CONSTRUCTION OF THIS PROJECT.
  - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  - ALL COMPACTED FILL TO BE OF CLEAN EARTH. PERCENT COMPACTION SHALL BE 90% OF OPTIMUM DENSITY PER A.A.S.H.O. T-99-49. FOUNDATION VALUE = 1,000 M.B.R. PER METHOD OF PLACING FILL IN AREAS TO BE COMPACTED SEE SPEC. IN SECTION 5.2, PAR. 05. THERE SHALL BE ONE TEST PER EACH 2'-0" OF FILL, BUT NOT LESS THAN ONE TEST PER 500 CU.YD. NO FILL WILL BE PLACED UNTIL PREPARATION OF GROUND IS APPROVED BY COUNTY INSPECTOR, REMOVE VEGETATION & TOPSOIL TO A DEPTH SATISFACTORY TO SOIL TEST BUREAU.
  - ALL FILL TO BE COMPACTED IN 6" LIFTS.



**TRANCAS CANYON SUBDIVISION**  
**ARBLAY INC.**  
 SEWAGE TREATMENT PLANT  
 BY  
**POMEROY AND ASSOCIATES**  
 P.C. NO. 6003-B

---

PLOT PLAN, GRADING PLAN & YARD PIPING

---

COUNTY OF LOS ANGELES, CALIFORNIA  
 JOHN A. LAMBIE COUNTY ENGINEER

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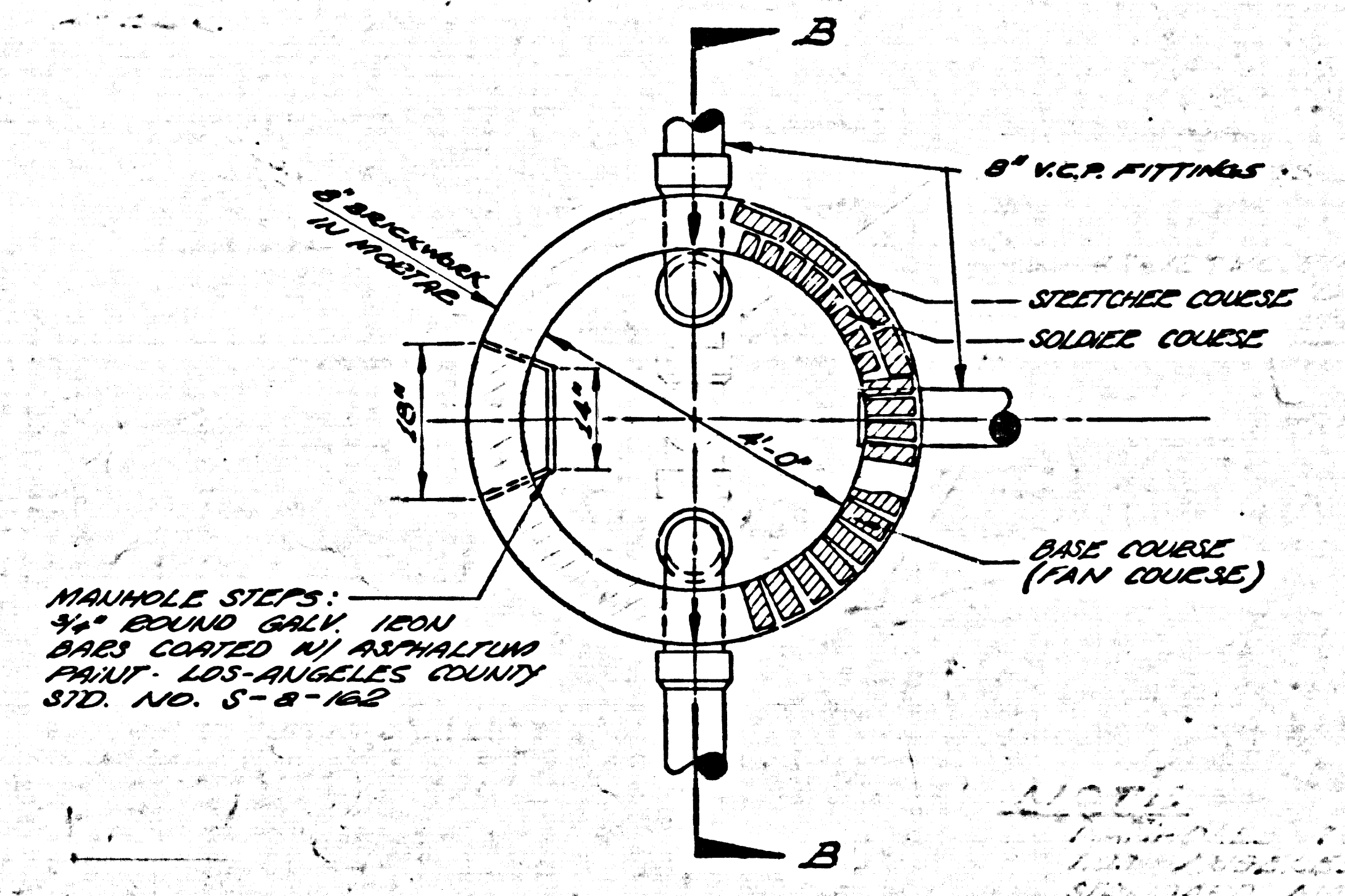
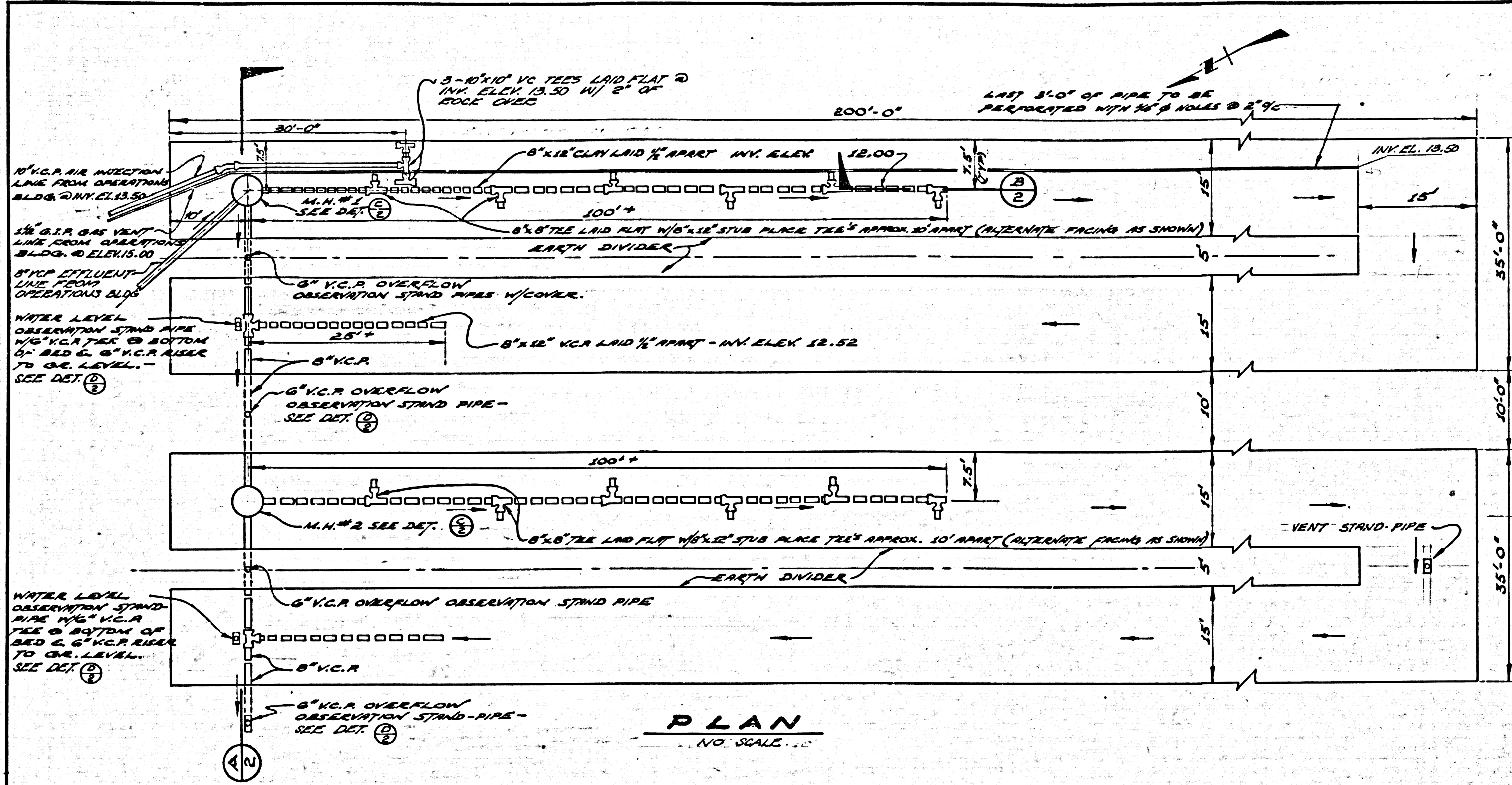
APPROVED BY: *Richard Pomeroy* ASST. SANITATION ENGINEER  
 CHECKED BY: *Richard Pomeroy* DESIGN ENGINEER R.E. 10075  
 Richard Pomeroy R.E. NO. 8170

DESIGNED BY: A. P. J.  
 DRAWN BY: J. G. G.  
 CHECKED BY: A. P. J.

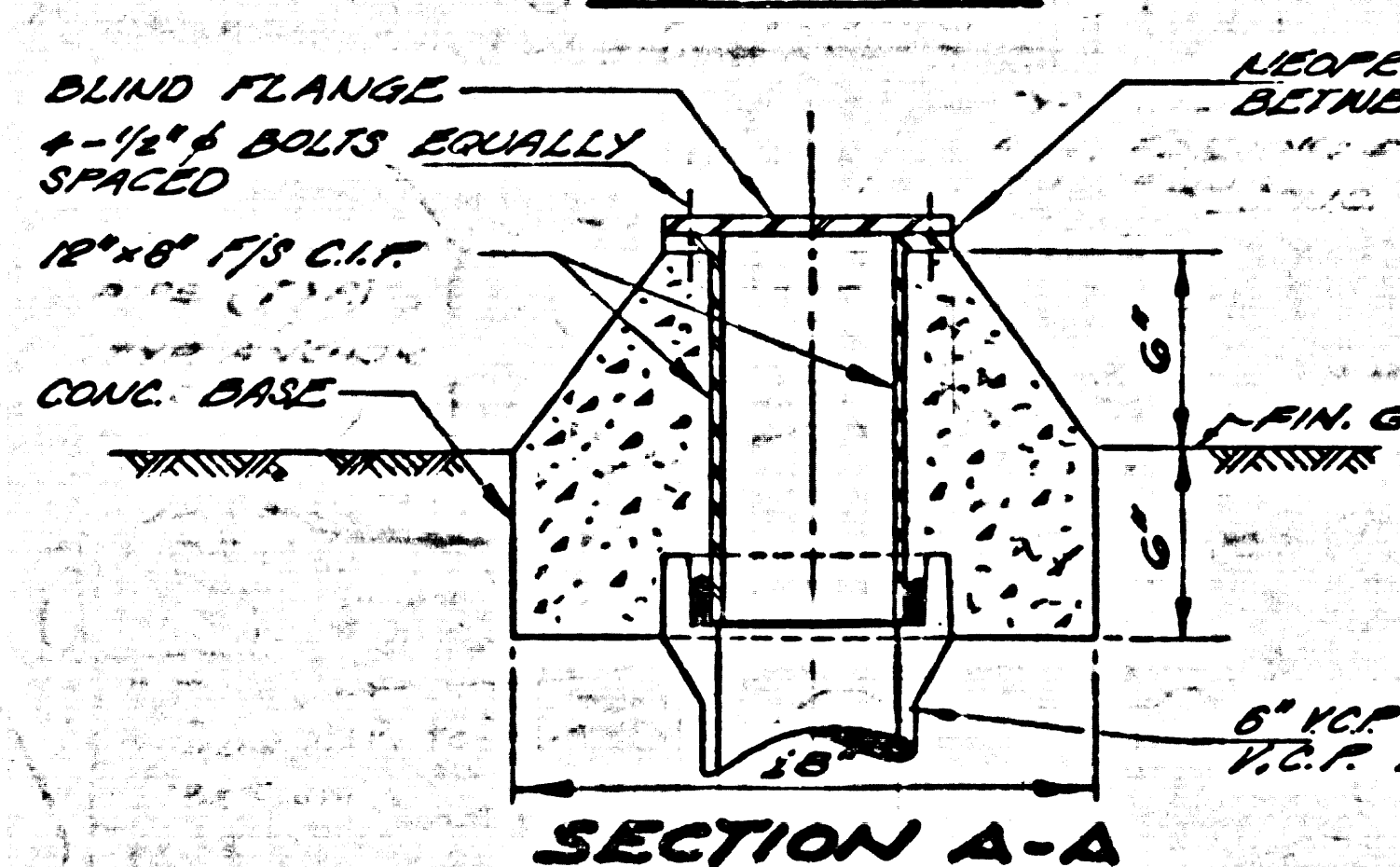
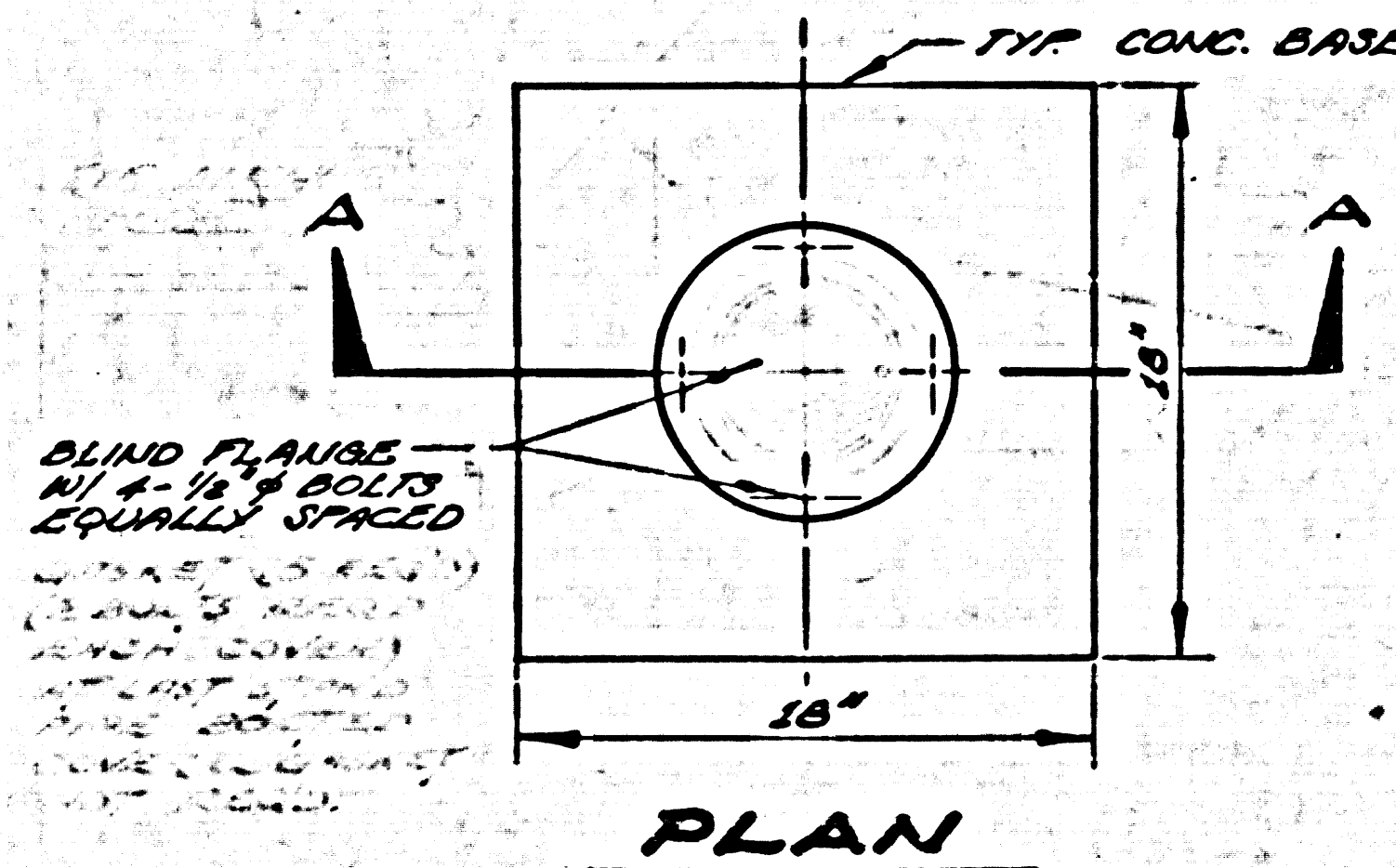
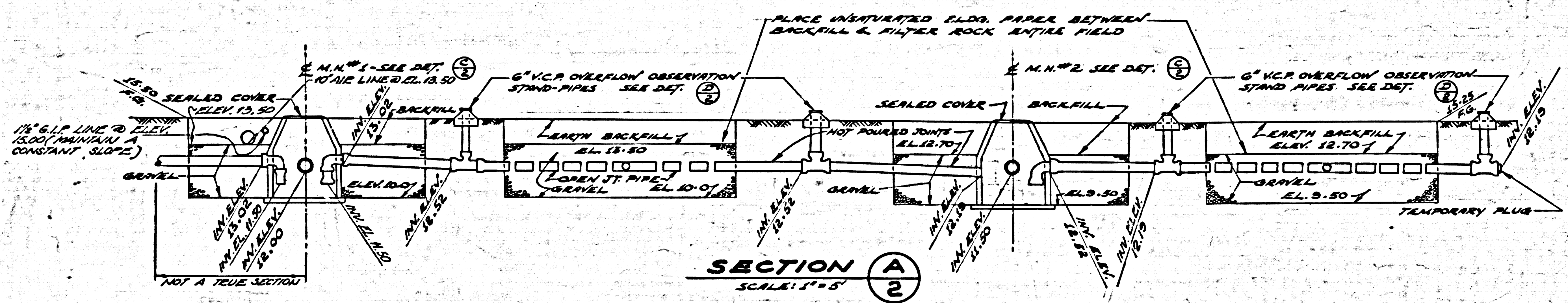
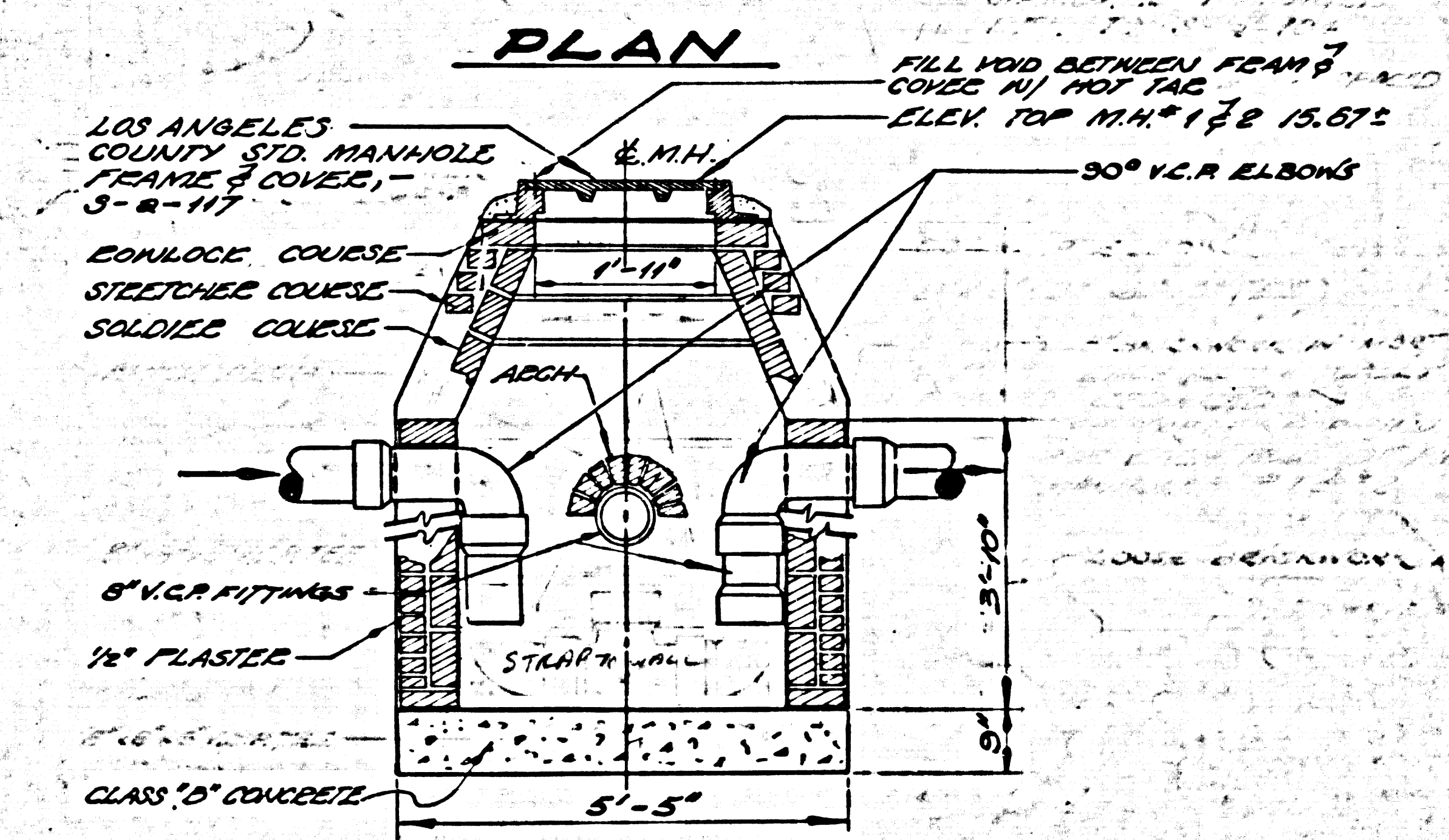
SHEET 1 OF 7



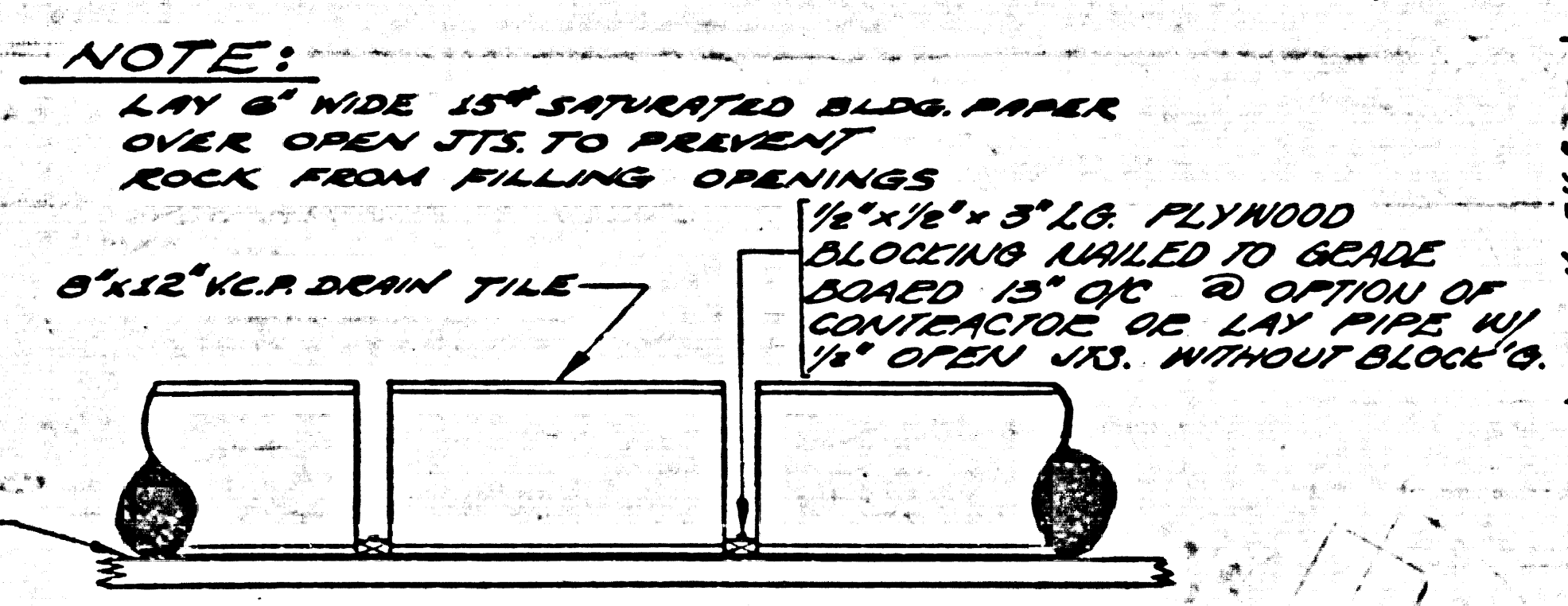
**NOTE:**  
MANHOLES TO BE LOS ANGELES COUNTY STD. NO. S-R-104



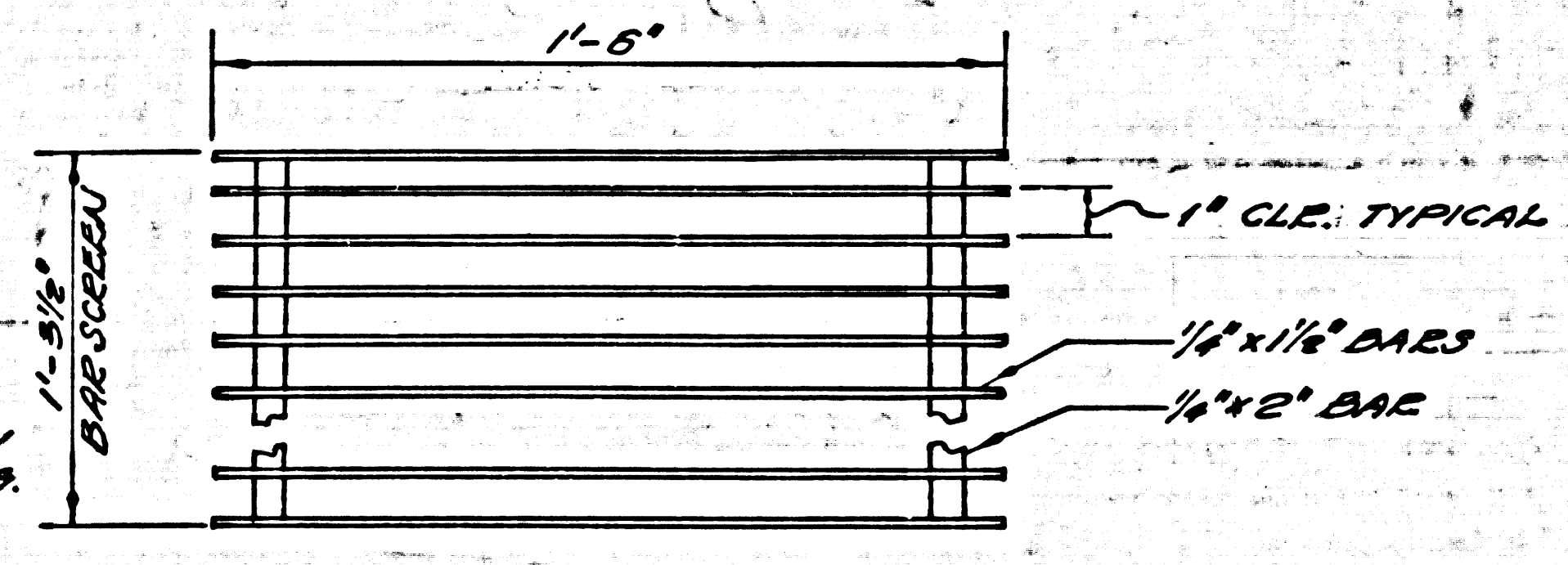
MANHOLE STEPS:  
1/2" BRASS COATED W/ GALVALUM PAINT. LOS ANGELES COUNTY STD. NO. S-R-162



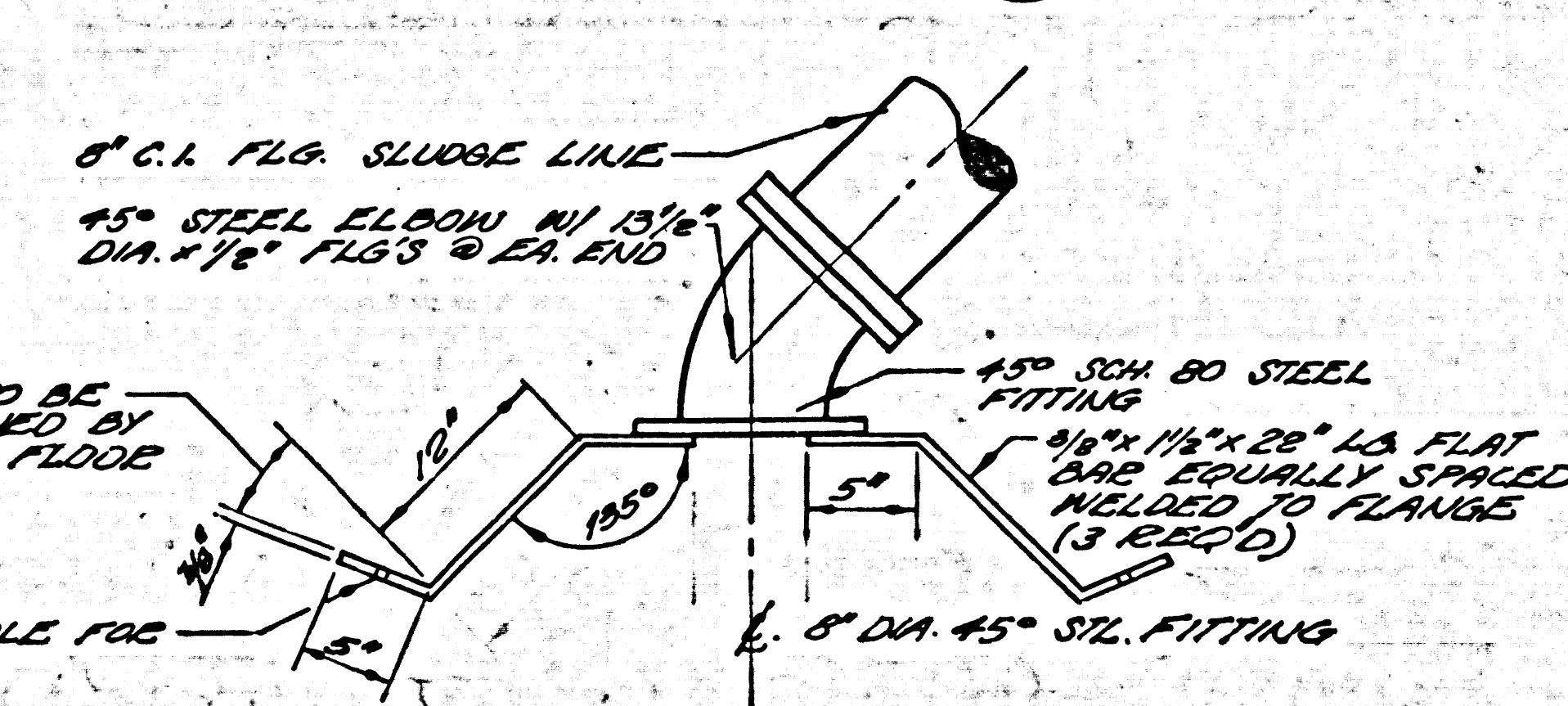
**WATER LEVEL & OVERFLOW OBSERVATION DET. (D)**  
SCALE: 1 1/2" = 1'-0"



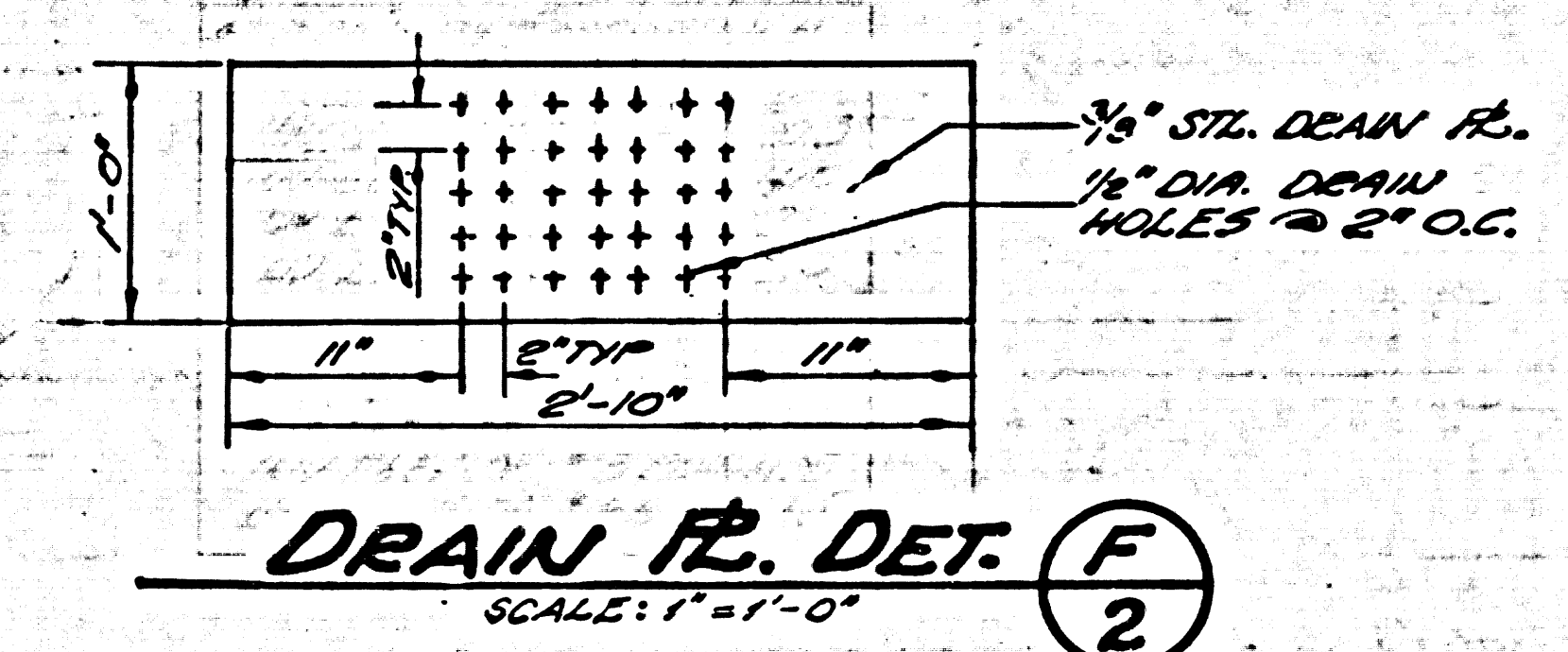
**SOUNDING HOLE DET. (H)**  
SCALE: 1/2" = 1'-0"



**BAR SCREEN DET. (E)**  
NO SCALE



**SLUDGE BASE DET. (G)**  
SCALE: 1" = 1'-0"



**TRANCAS CANYON SUBDIVISION**  
**ARBLAY INC.**  
SEWAGE TREATMENT PLANT  
BY  
**POMEROY AND ASSOCIATES**  
P.C. NO. 6003-B

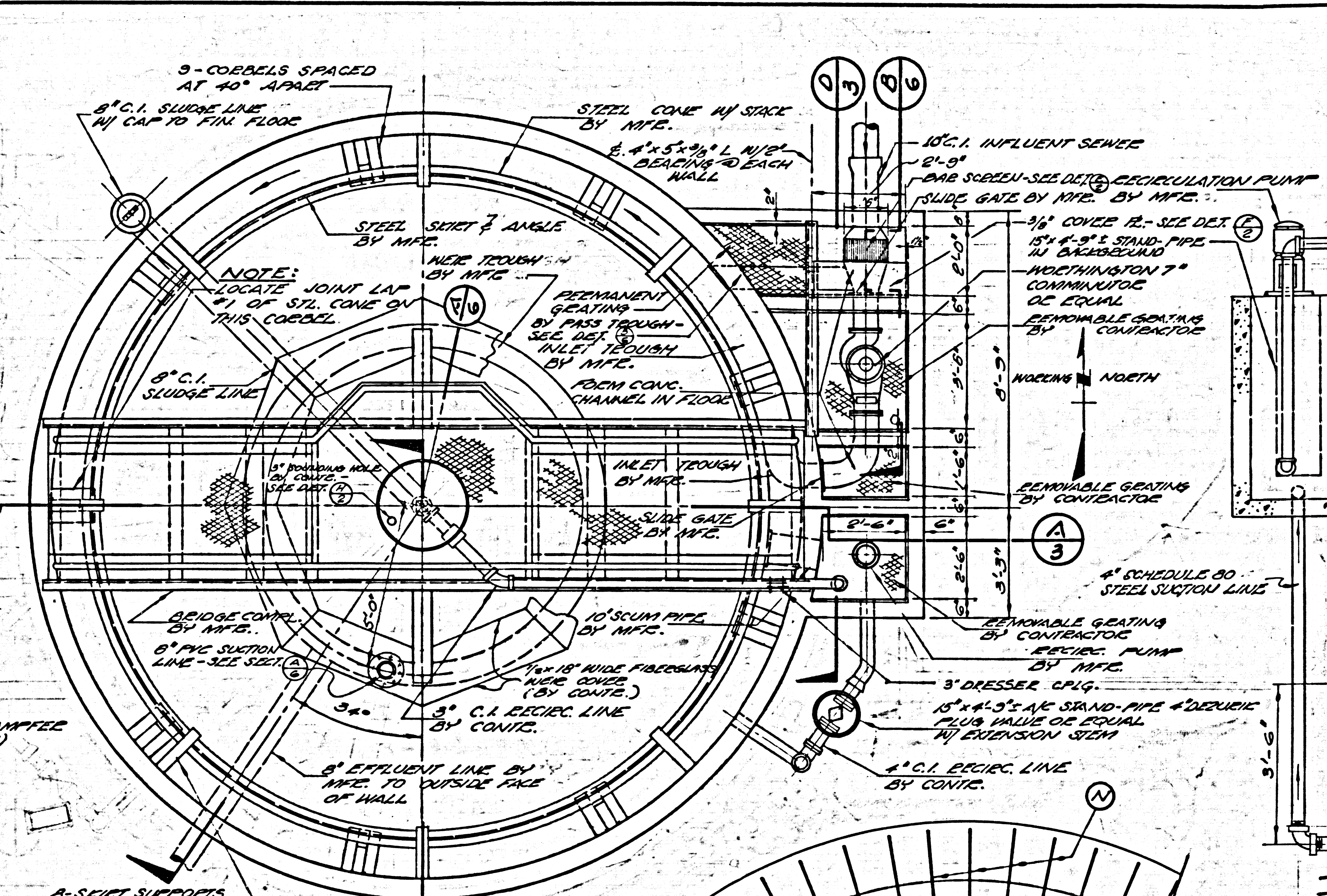
**DRAINFIELDS, SECTIONS & DETAILS**  
**COUNTY OF LOS ANGELES, CALIFORNIA**  
JOHN A. LAMBIE COUNTY ENGINEER  
APPROVED BY: *[Signature]* ASST. SANITATION ENGINEER  
DESIGNED BY: H. H. B.  
CHECKED BY: *[Signature]* DESIGN ENGINEER  
DRAWN BY: J. G. G.  
RICHARD POMEROY E. NO. 8170  
CHECKED BY: A. P. J.  
SHEET 2 OF 7



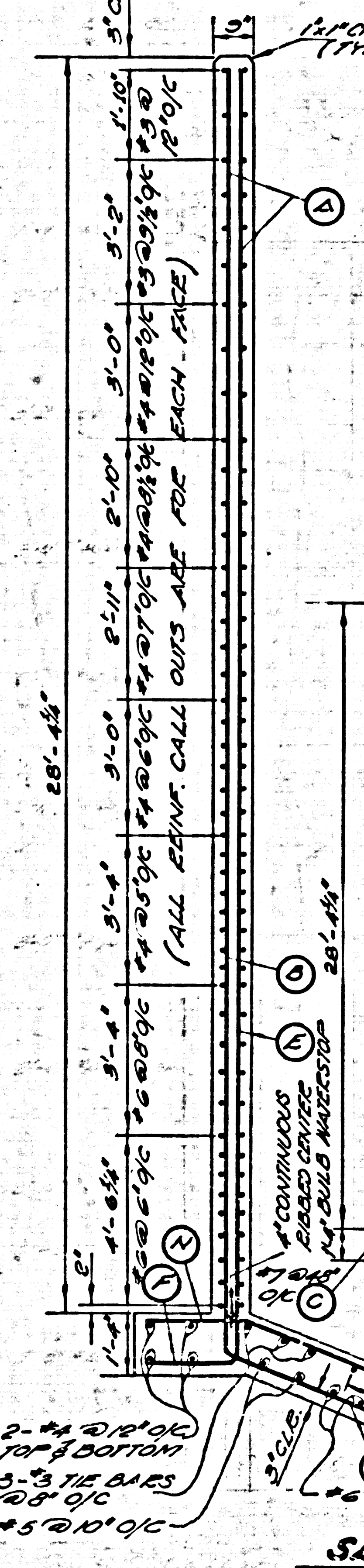
40682

BAR SIZE	NO	LENGTH	SHAPE
A	#3	14'-6"	STRAIGHT
B	#4	72	STRAIGHT
C	#7	13	STRAIGHT
D	#7	54	STRAIGHT
E	#3	72	STRAIGHT
F	#4	72	STRAIGHT
G	#4	2	STRAIGHT
H	#4	8	STRAIGHT
J	#4	2	STRAIGHT
K	#7	72	STRAIGHT
L	#4	16	STRAIGHT
M	#5	30	STRAIGHT
N	#4	72	STRAIGHT

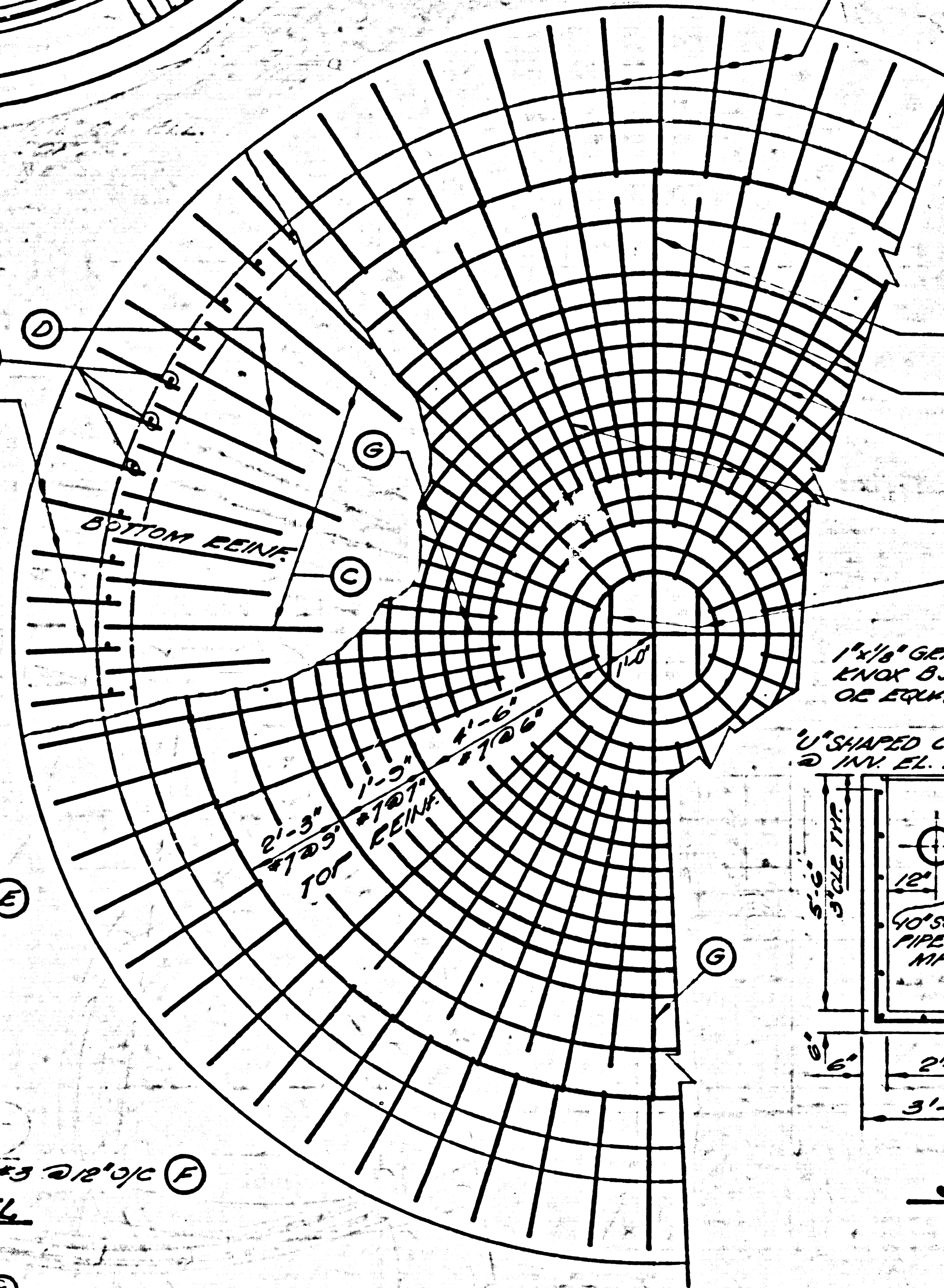
**REINFORCING SCHEDULE**



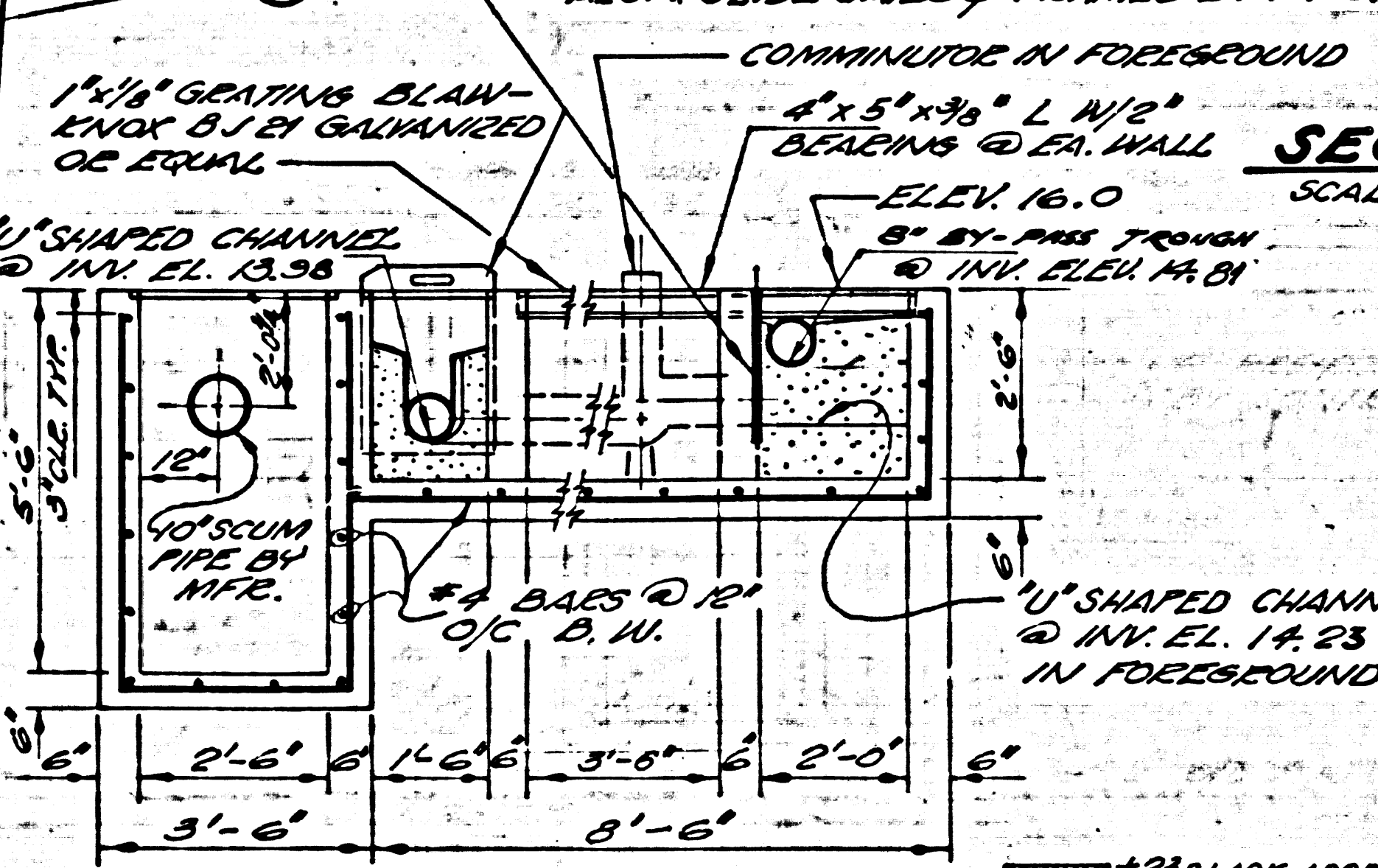
**PLAN**  
SCALE: 3/8"=1'-0"



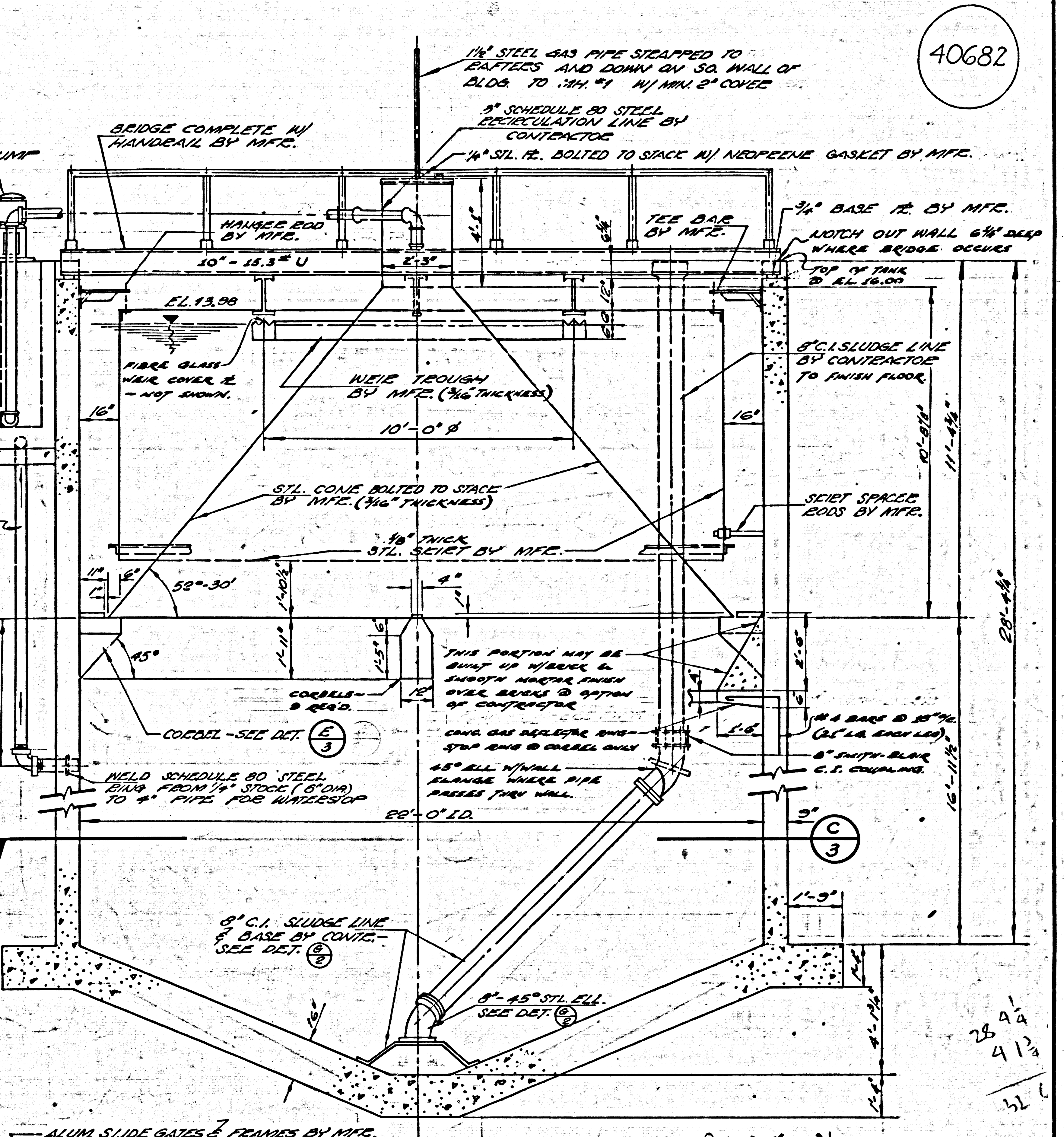
**SECTION B**  
SCALE: 3/8"=1'-0"



**SECTION C**  
SCALE: 3/8"=1'-0"

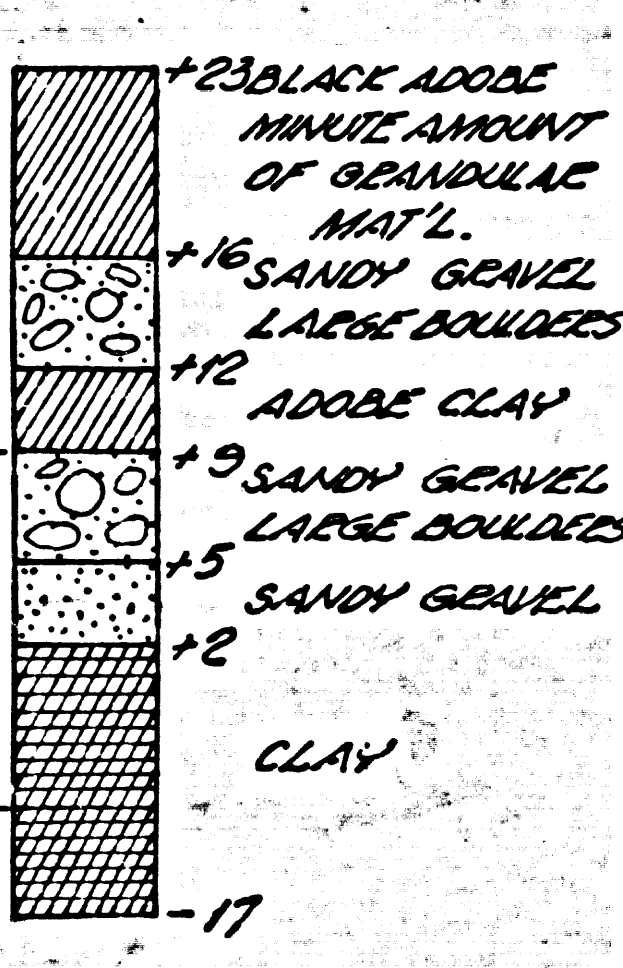


**SECTION D**  
SCALE: 3/8"=1'-0"



**SECTION A**  
SCALE: 3/8"=1'-0"

**CORBEL DET. E**  
SCALE: 3/8"=1'-0"



**LOG OF BORING**

**TRANCAS CANYON SUBDIVISION  
ARBLAY INC.**  
SEWAGE TREATMENT PLANT

BY  
**POMEROY AND ASSOCIATES**  
P.C. NO. 6003-B

**CLARIFIER-DIGESTER, MECHANICAL & STRUCTURAL DETAILS**

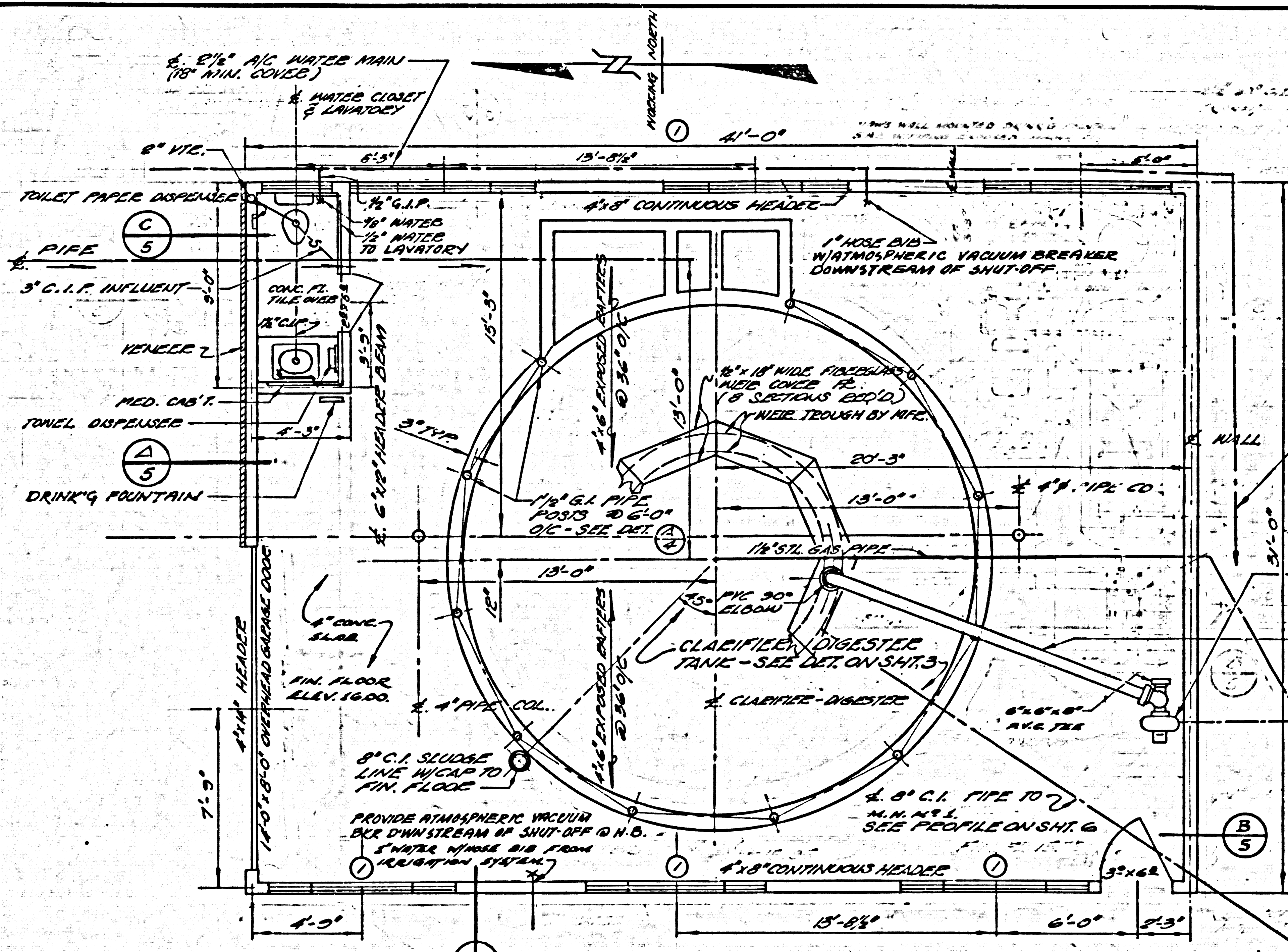
**COUNTY OF LOS ANGELES, CALIFORNIA**  
JOHN A. LAMBIE, COUNTY ENGINEER

APPROVED BY: [Signature] ASSET SENSATION ENGINEER  
CHECKED BY: [Signature] DESIGN ENGINEER R.E. NO. 10075

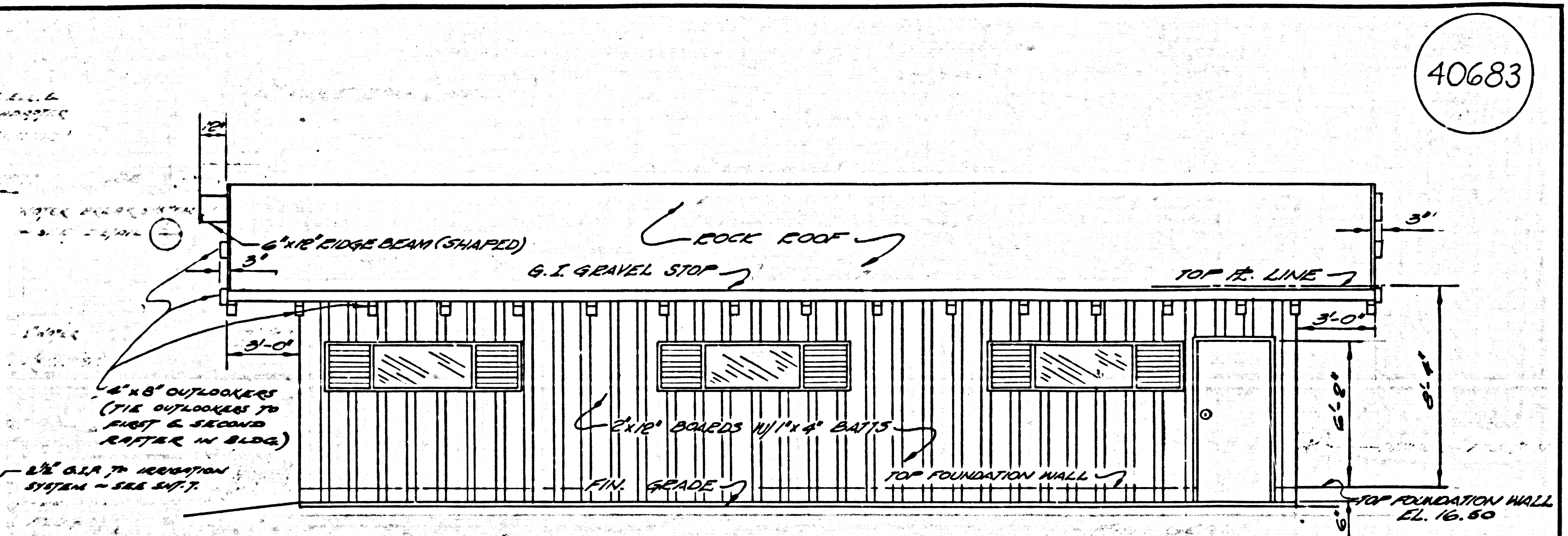
DESIGNED BY: J. W. D.  
DRAWN BY: J. G. G.  
CHECKED BY: A. P. J.

SHEET **3** OF **7**

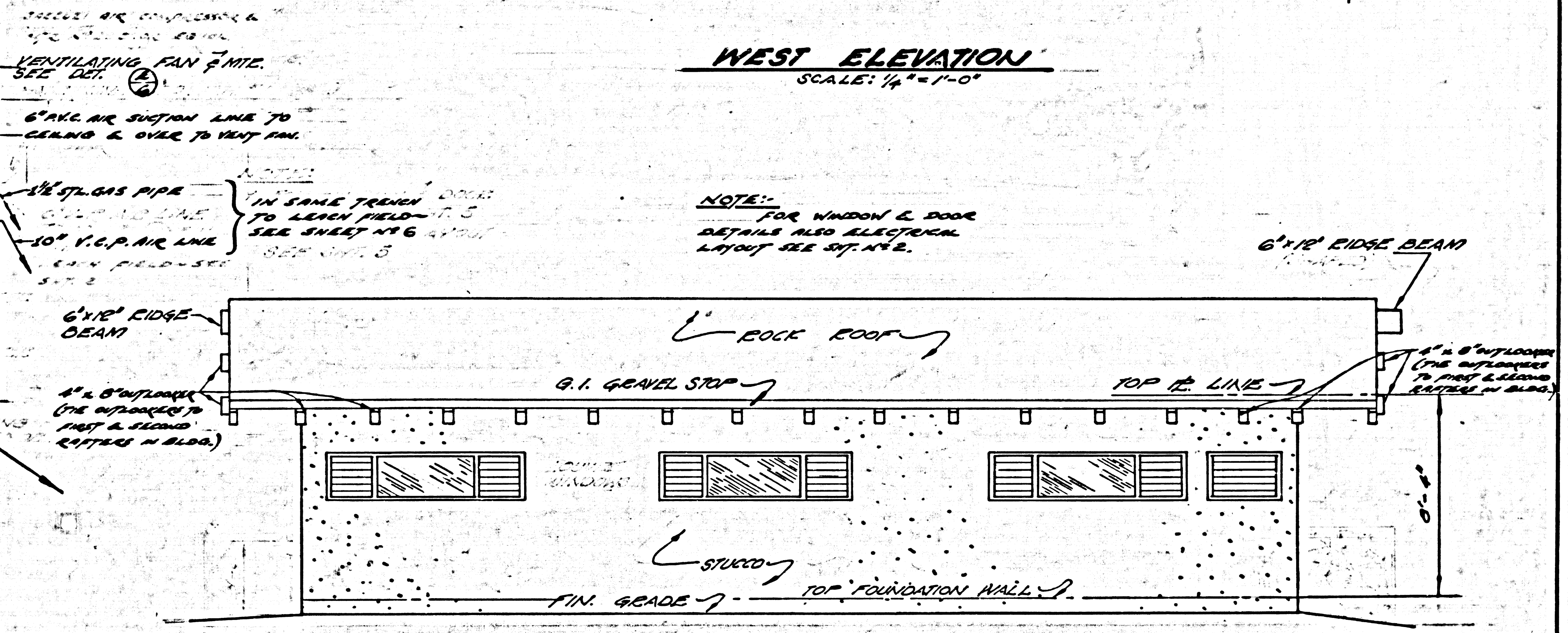




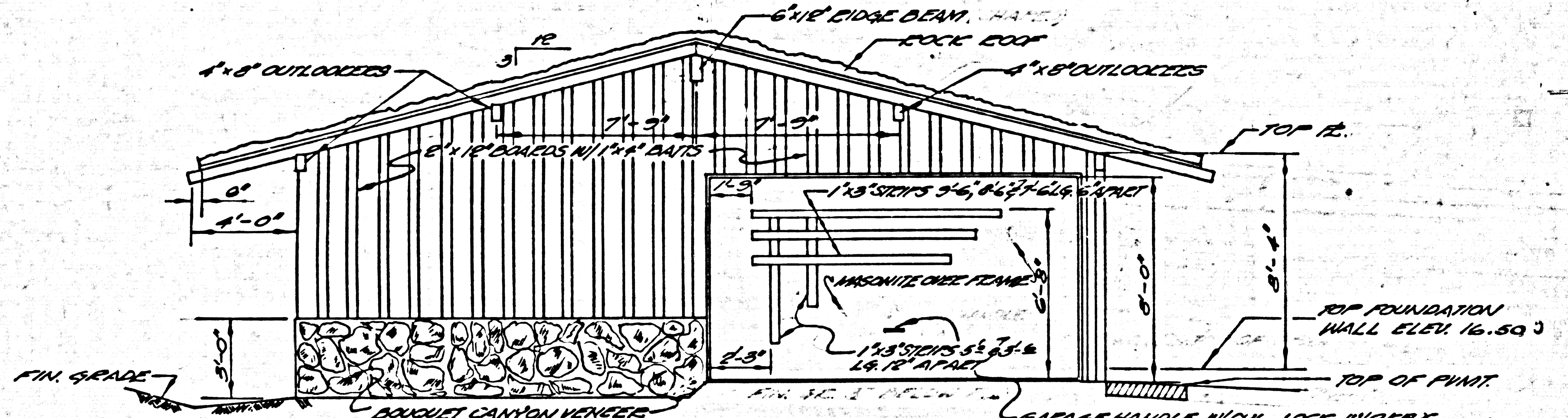
**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



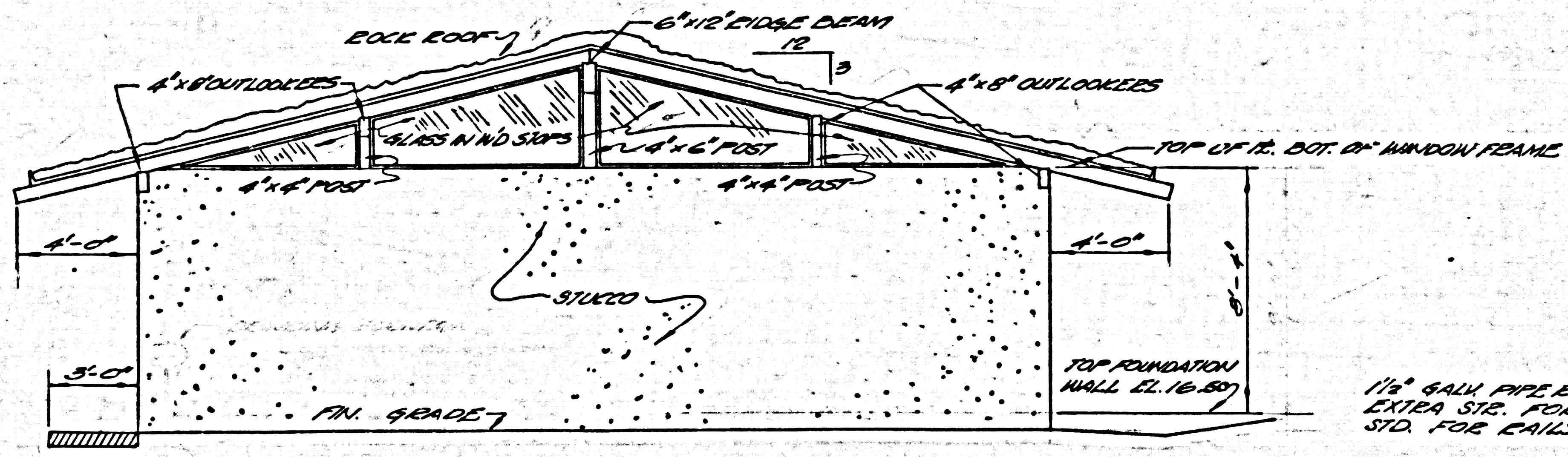
**WEST ELEVATION**  
SCALE: 1/4" = 1'-0"



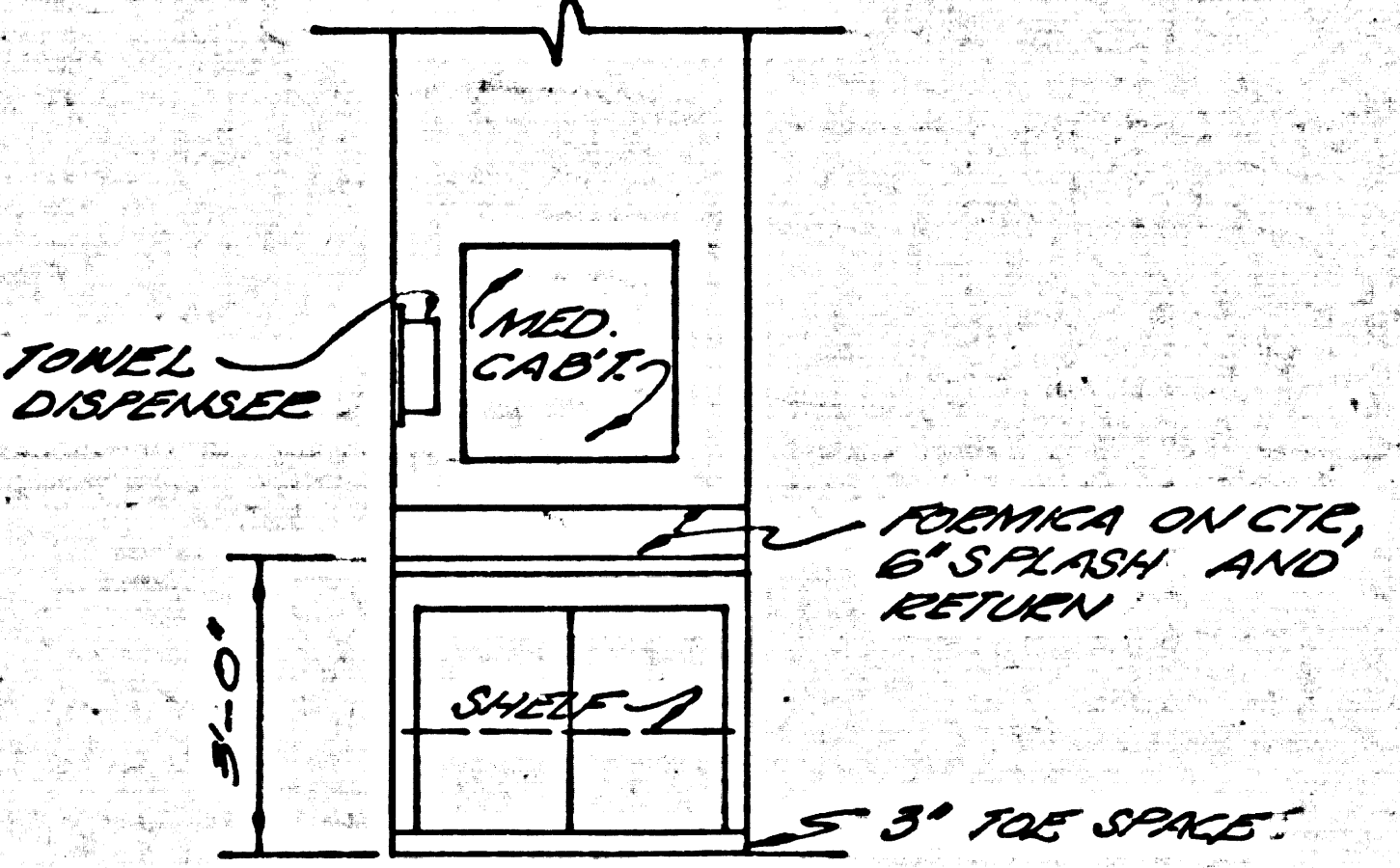
**EAST ELEVATION**  
SCALE: 1/4" = 1'-0"



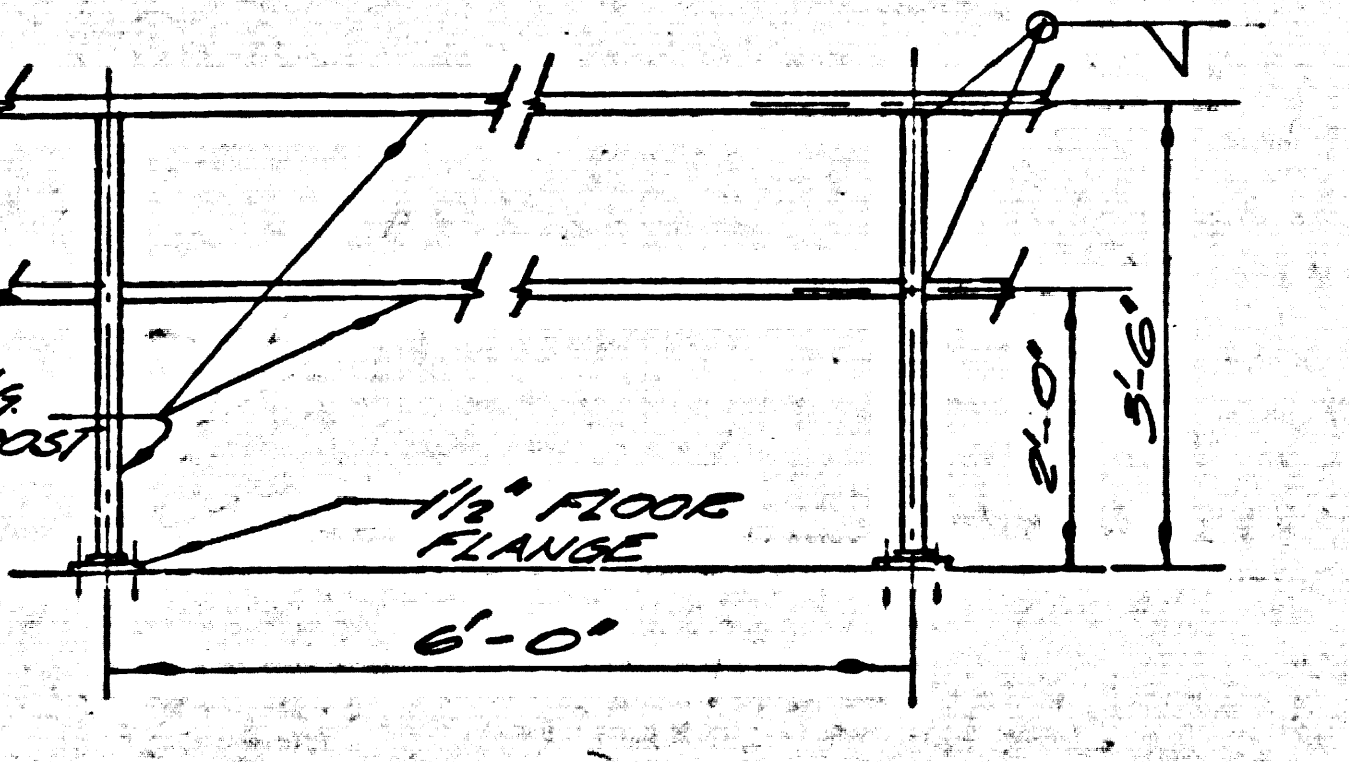
**NORTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**SOUTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**LAVATORY**  
SCALE: 3/8" = 1'-0"



**GUARDED RAIL DET.**  
SCALE: 1/2" = 1'-0"

NOTE:  
FOR WINDOW & DOOR  
DETAILS AND ELECTRICAL  
LAYOUT SEE SHEET #12.

VOID  
**NOTE**  
THE CONTRACTOR SHALL PLACE A 6"x12" SIGN OVER  
ALL VENTS AND ONE SIGN IN LAVATORY READING -  
NOT FOR DRINKING PURPOSES  
THESE SIGNS TO BE CONSTRUCTED FROM MARONITE  
BOARD PAINTED WHITE (2 COATS) WITH 1" HIGH RED  
LETTERS, ALL CAPITALIZED (3 SIGNS REQUIRED)

10-9-62  
Revised: 4-23-62

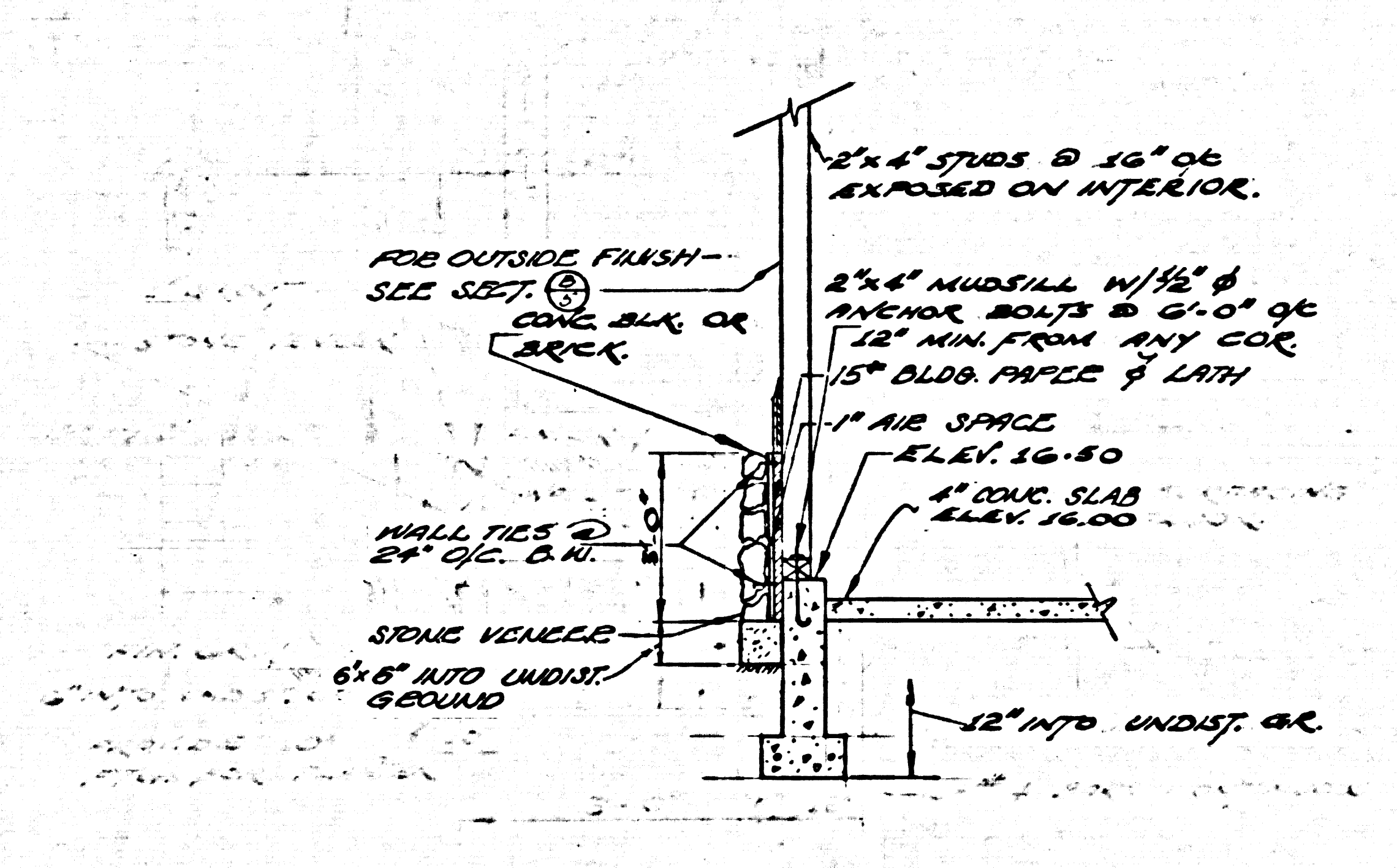
**TRANCAS CANYON SUBDIVISION**  
**ARBLAY INC.**  
SEWAGE TREATMENT PLANT  
BY  
**POMEROY AND ASSOCIATES**  
P.C. NO. 6003-B

OPERATIONS BUILDING, PLAN AND ELEVATIONS

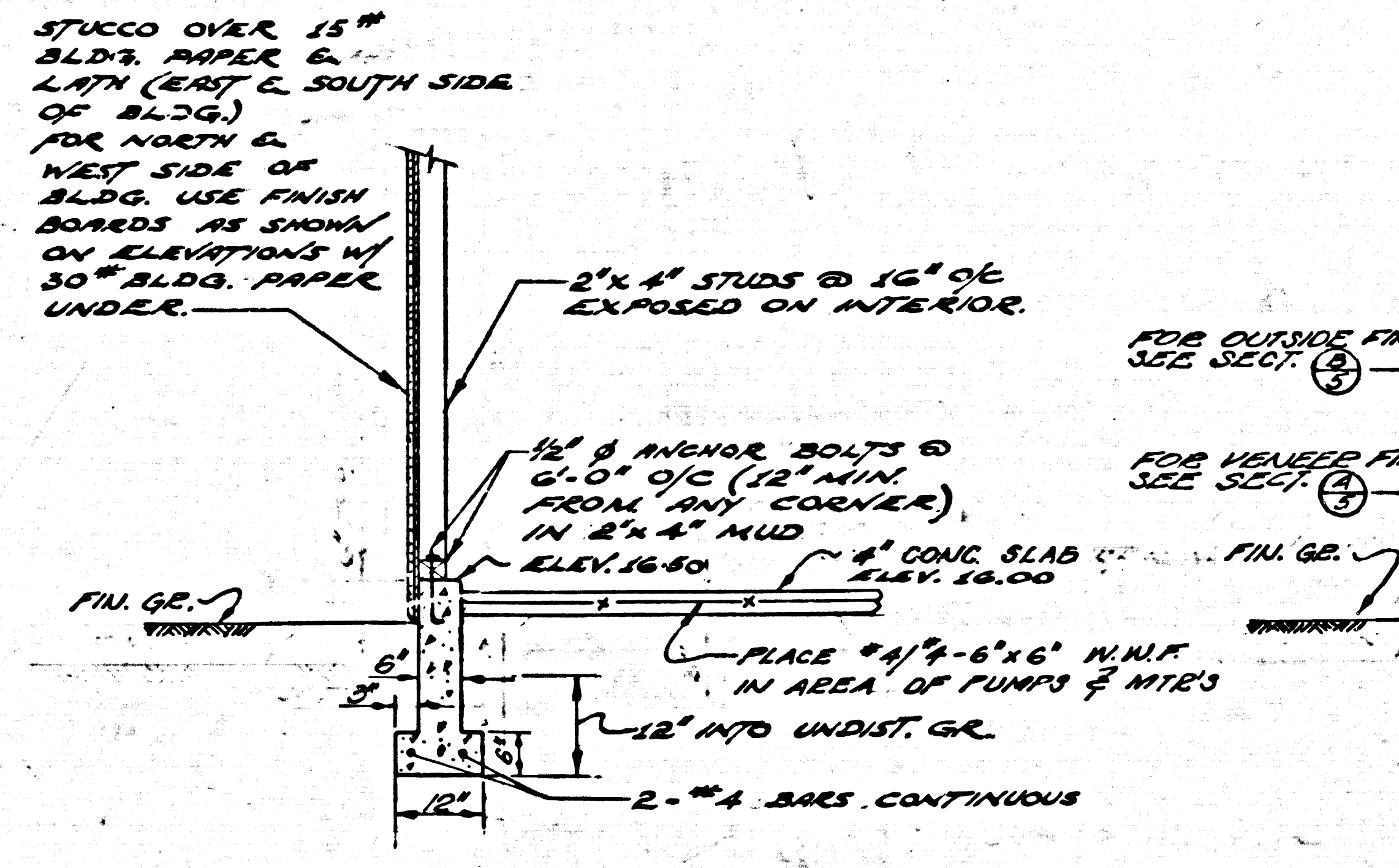
COUNTY OF LOS ANGELES, CALIFORNIA  
JOHN A. LAMBIE COUNTY ENGINEER

APPROVED BY: <i>Richard Pomeroy</i> ASST. SANITATION ENGINEER	DESIGNED BY: A. P. J.	SHEET 4 OF 7
CHECKED BY: <i>Richard Pomeroy</i> DESIGN ENGINEER R.E. 10075	DRAWN BY: J. G. G.	
<i>Richard Pomeroy</i> R.E. NO. 8170	CHECKED BY: A. P. J.	

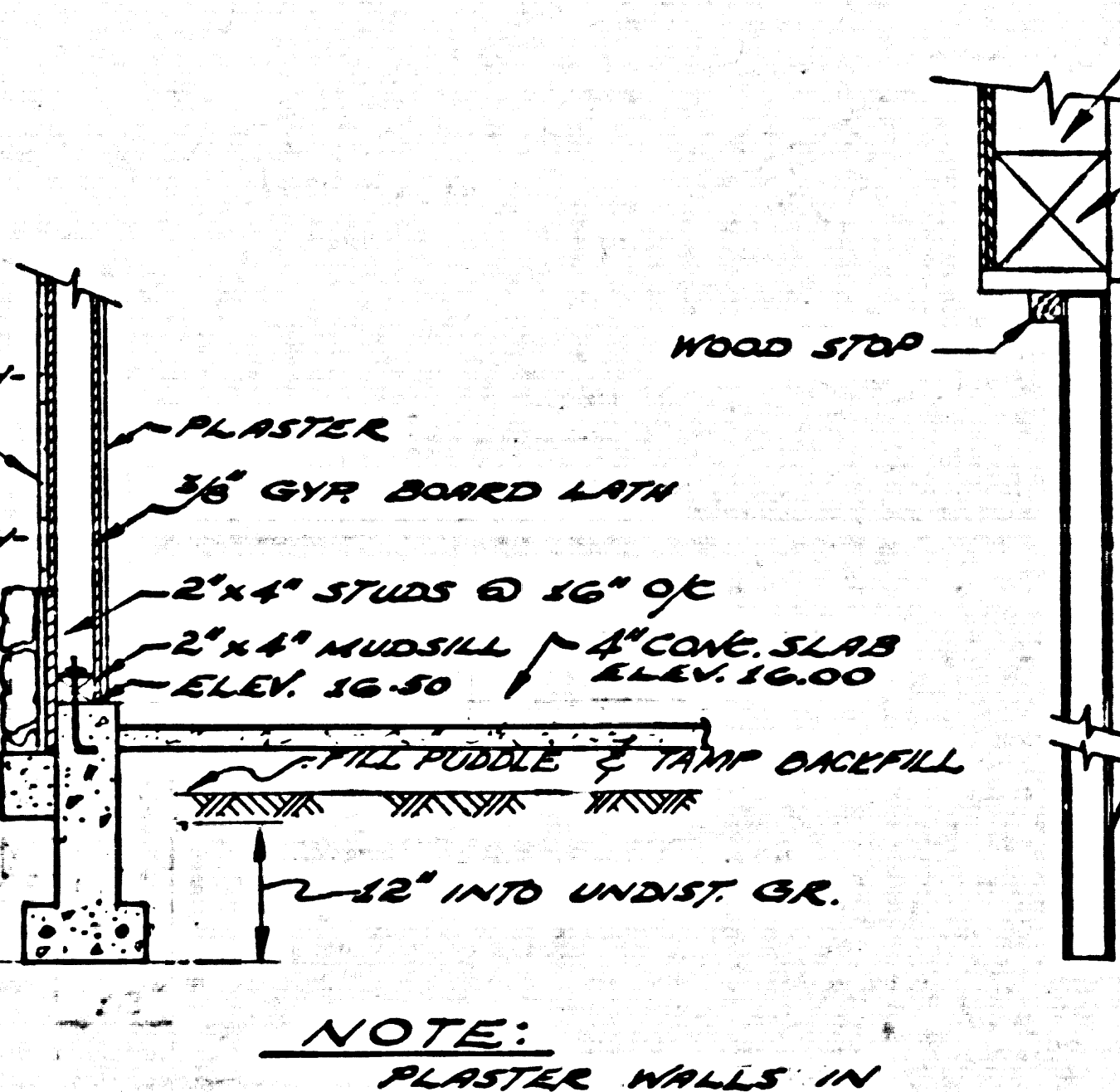




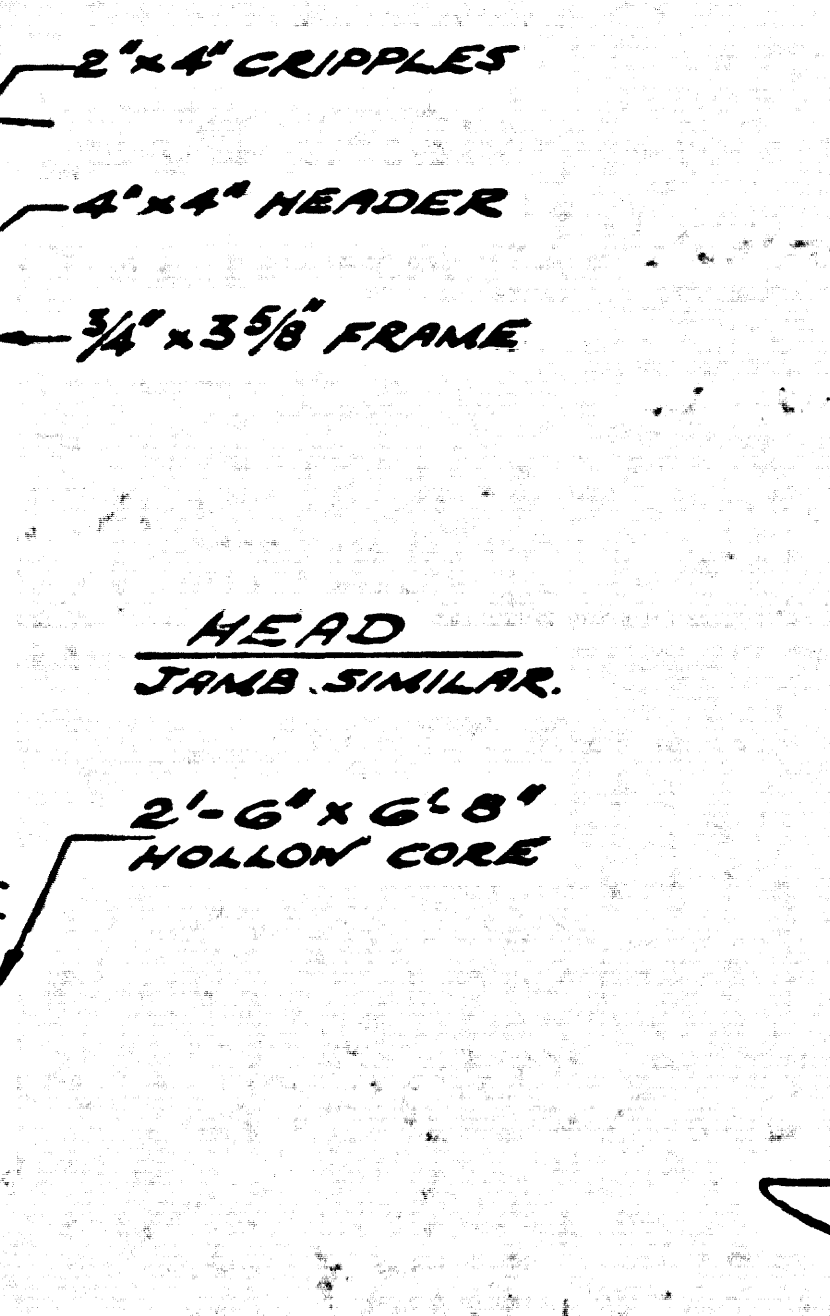
SECTION A SCALE: 1/2" = 1'-0"



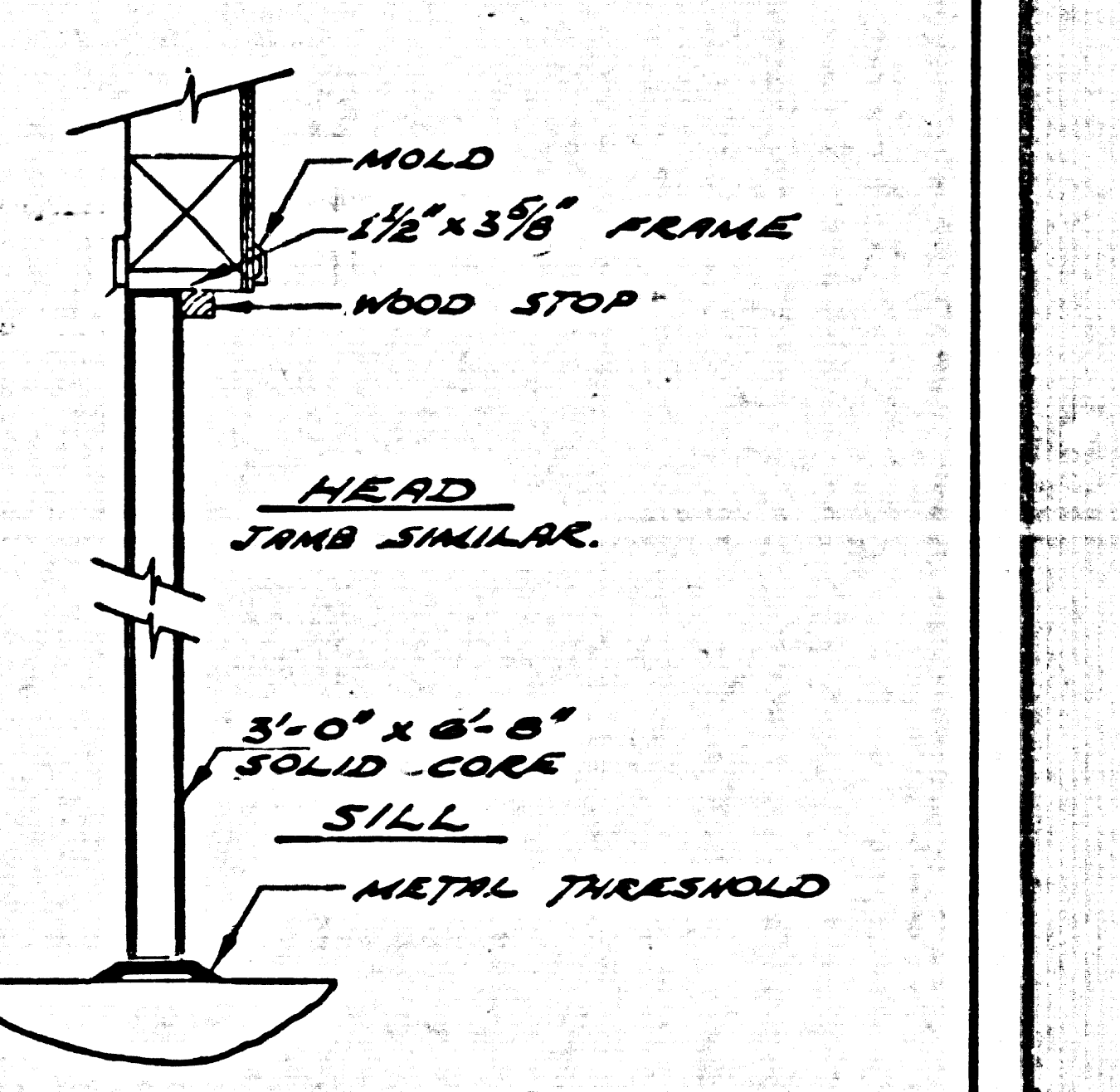
SECTION B SCALE: 1/2" = 1'-0"



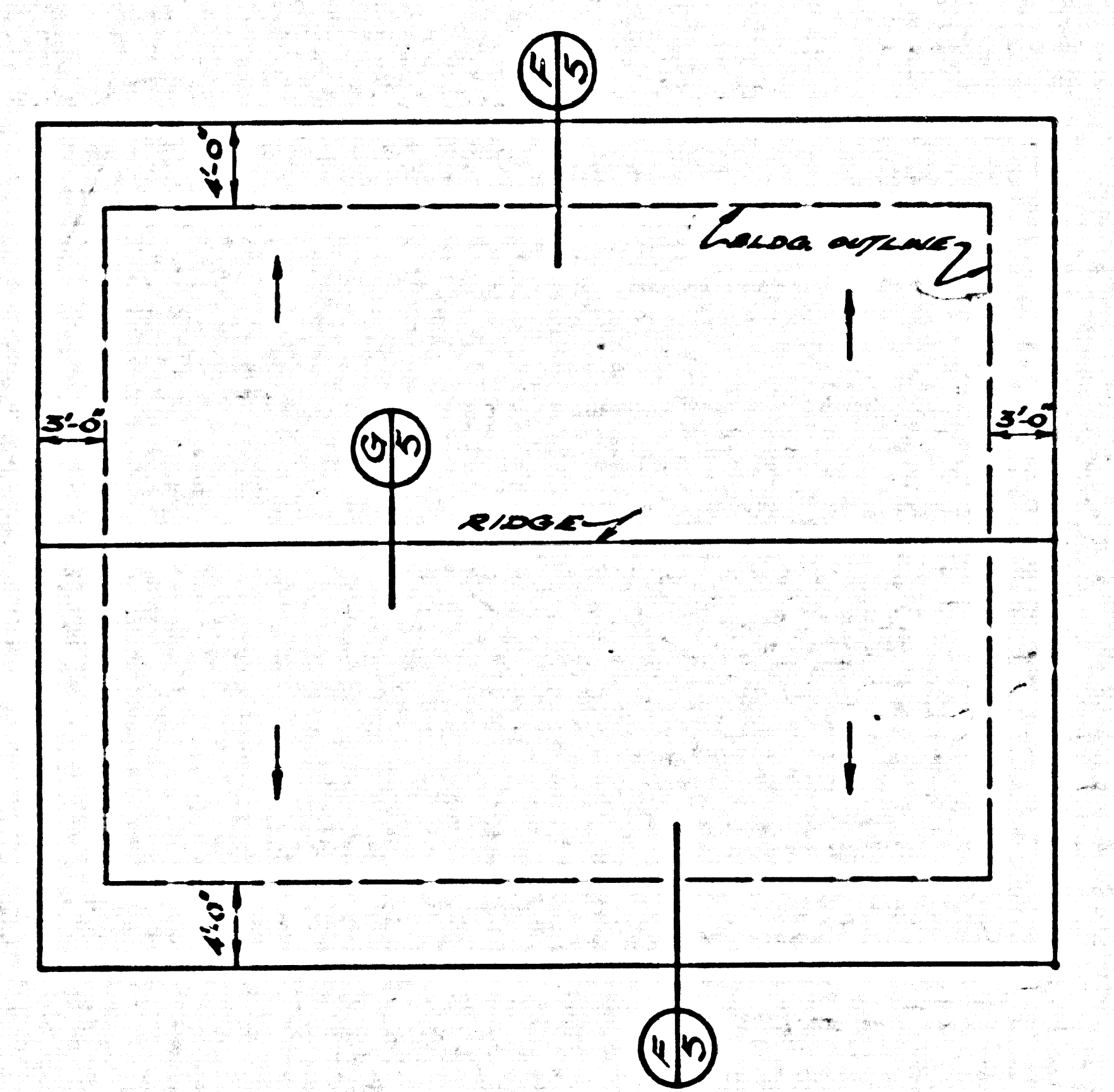
SECTION C SCALE: 1/2" = 1'-0"



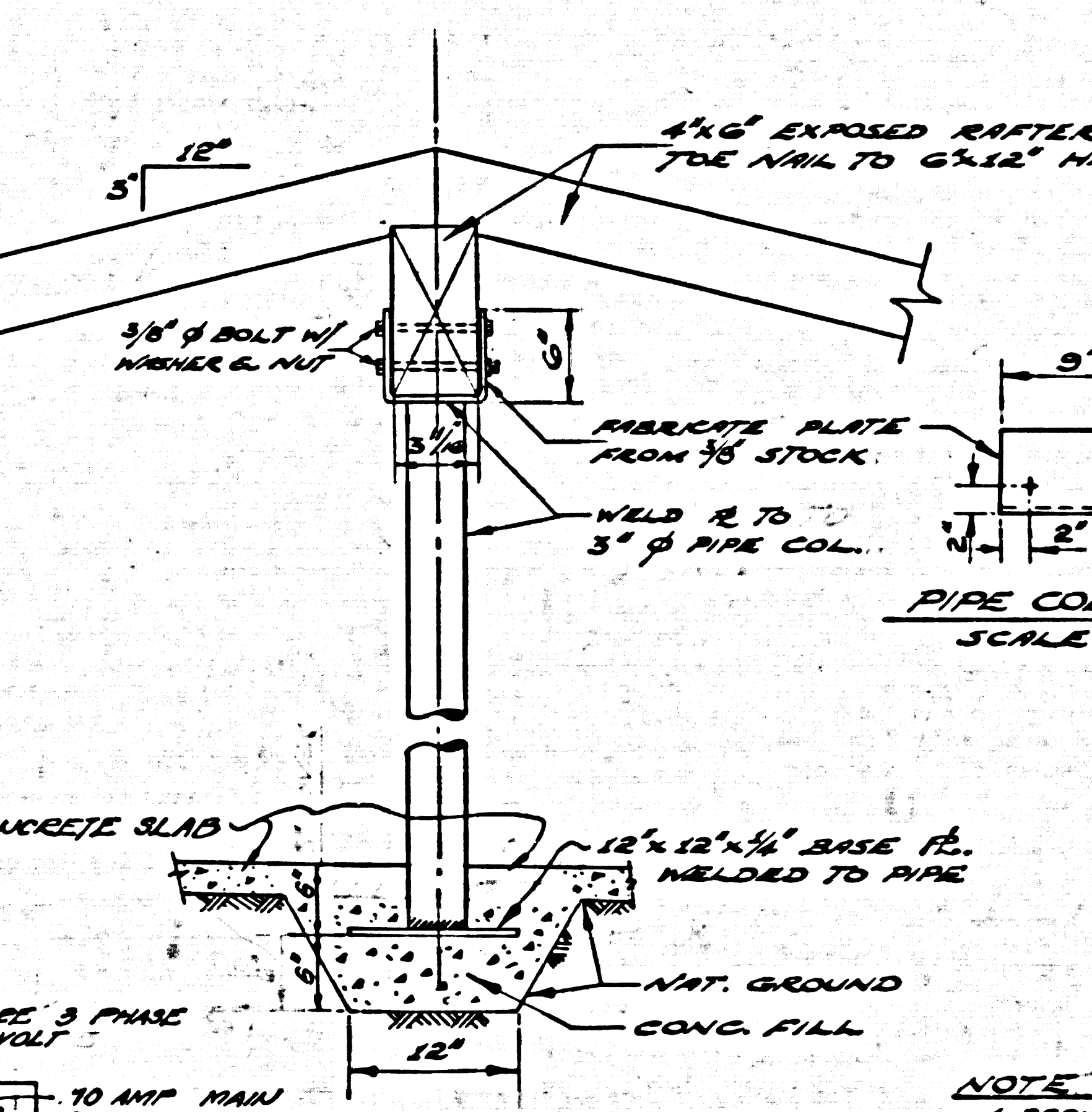
SECTION D INTERIOR DOOR DET. SCALE: 1/2" = 1'-0"



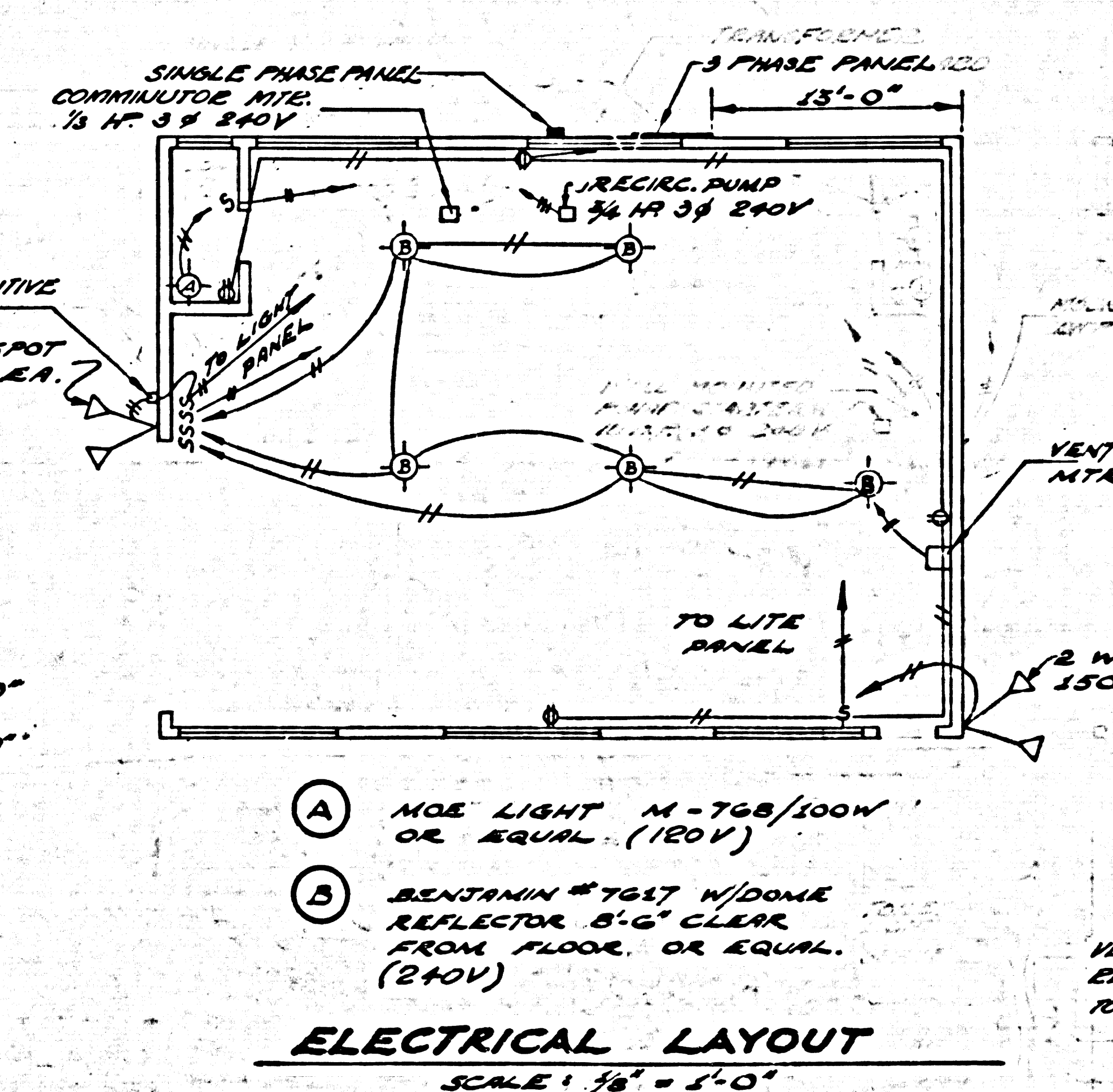
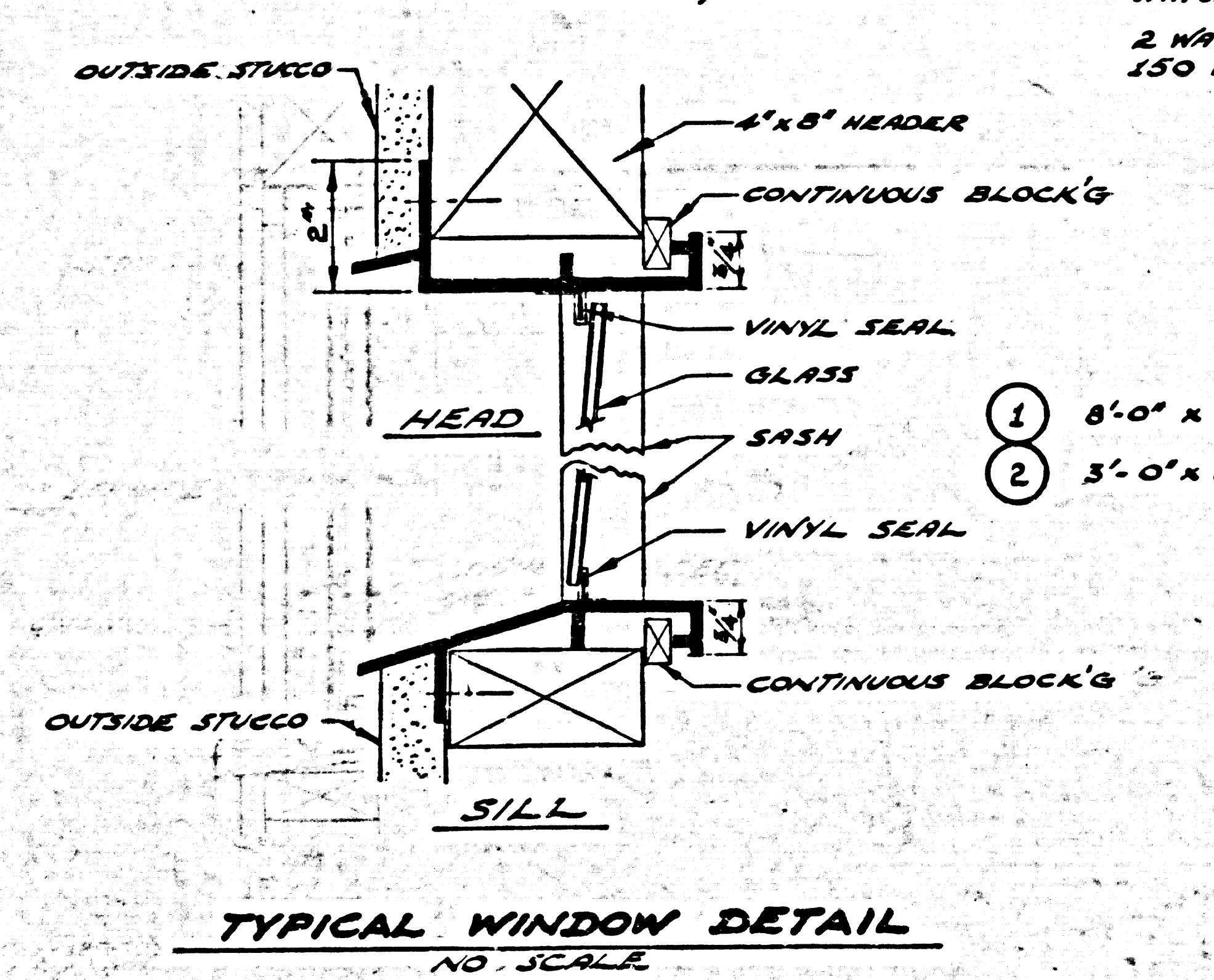
SECTION E EXTERIOR DOOR DET. SCALE: 1/2" = 1'-0"



SECTION F SCALE: 1/2" = 1'-0"



SECTION G SCALE: 1" = 1'-0"



ELECTRICAL LAYOUT SCALE: 3/8" = 1'-0"

10-3-62  
Revised: 4-23-62

**TRANCAS CANYON SUBDIVISION**  
**ARBLAY INC.**  
SEWAGE TREATMENT PLANT  
BY  
**POMEROY AND ASSOCIATES**  
P.C. NO. 6003-B

OPERATIONS BUILDING, SECTIONS & DETAILS

COUNTY OF LOS ANGELES, CALIFORNIA  
JOHN A. LAMBIE COUNTY ENGINEER

APPROVED BY: *[Signature]*  
ASST. SANITATION ENGINEER

CHECKED BY: *[Signature]*  
DESIGN ENGINEER R.E. 10075

DESIGNED BY: A. P. J.

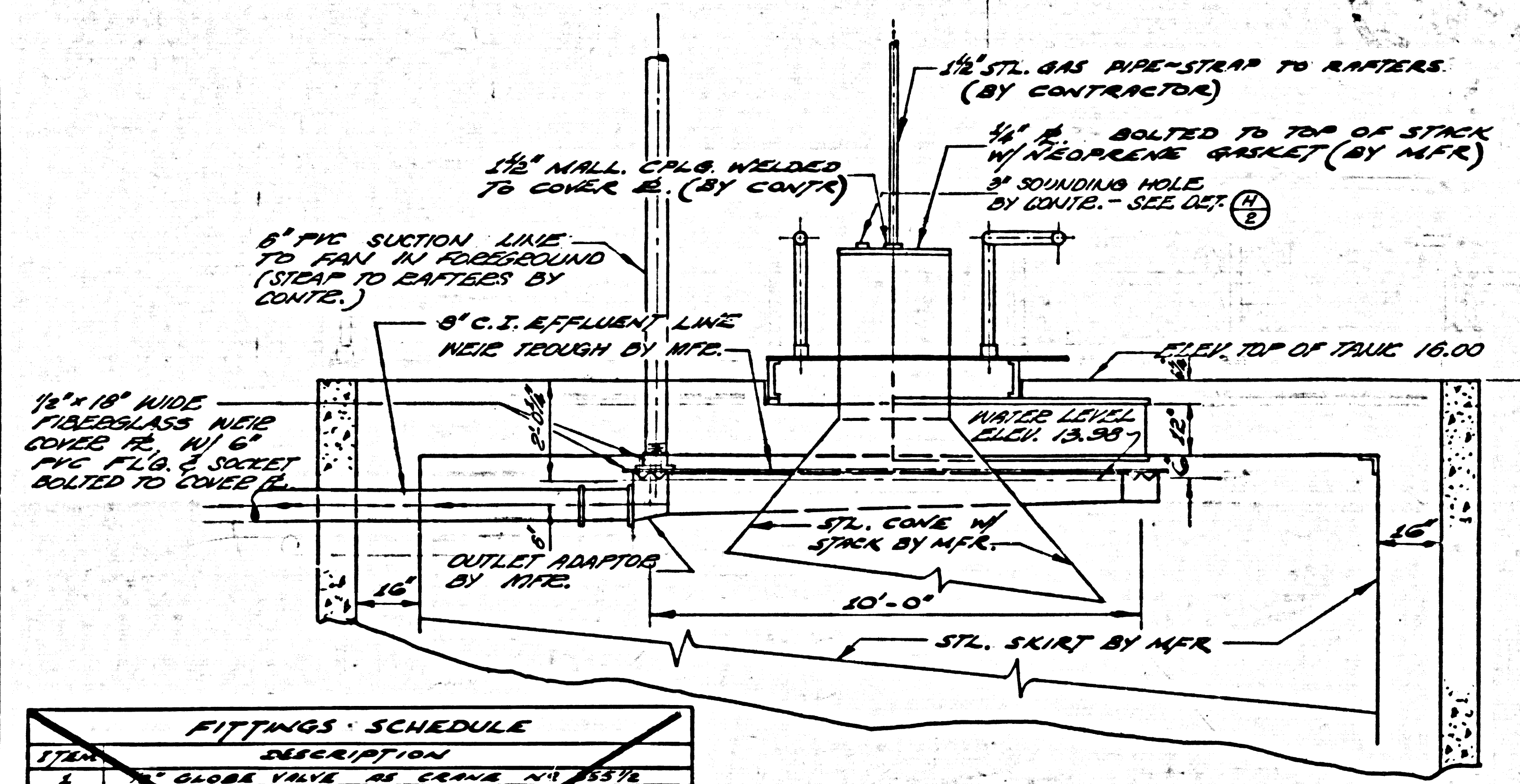
DRAWN BY: J. G. G.

CHECKED BY: A. P. J.

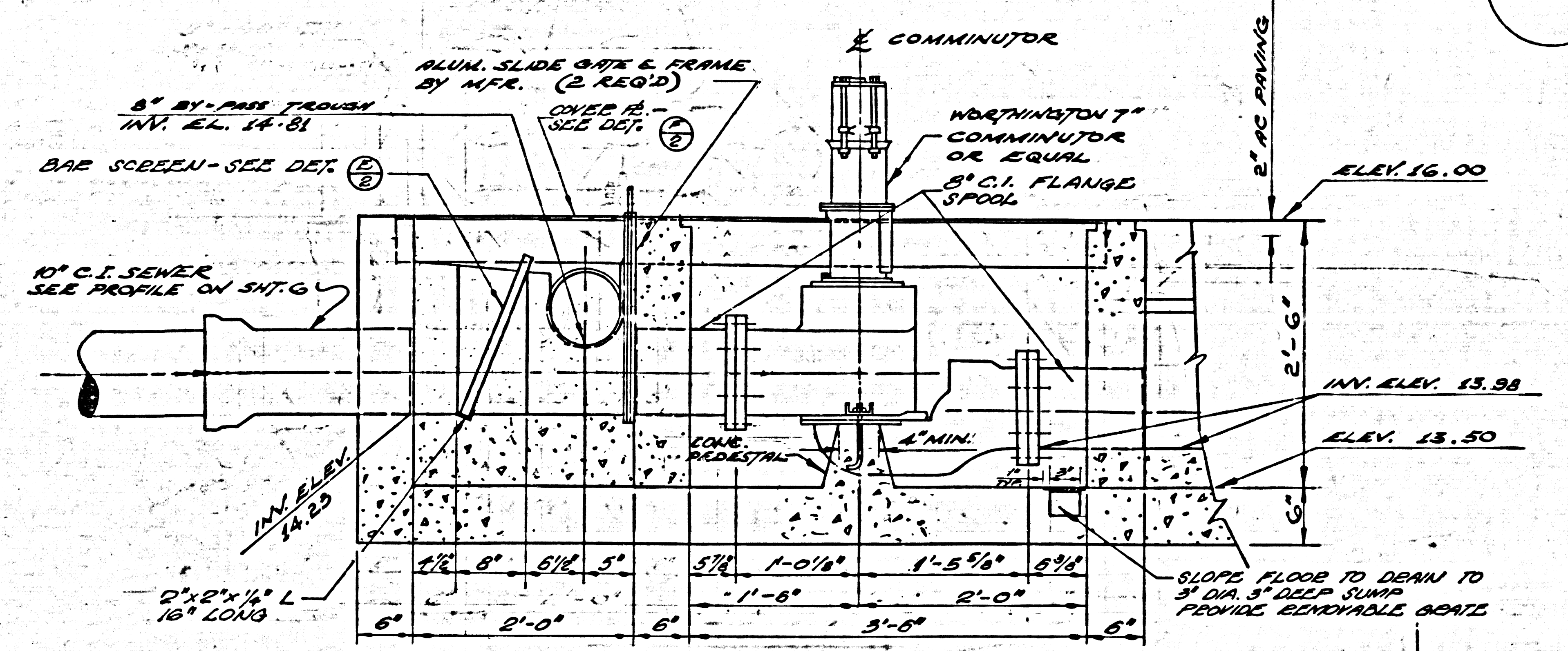
R. E. NO. 8170

SHEET 5 OF 7





SECTION A  
SCALE: 3/8" = 1'-0"



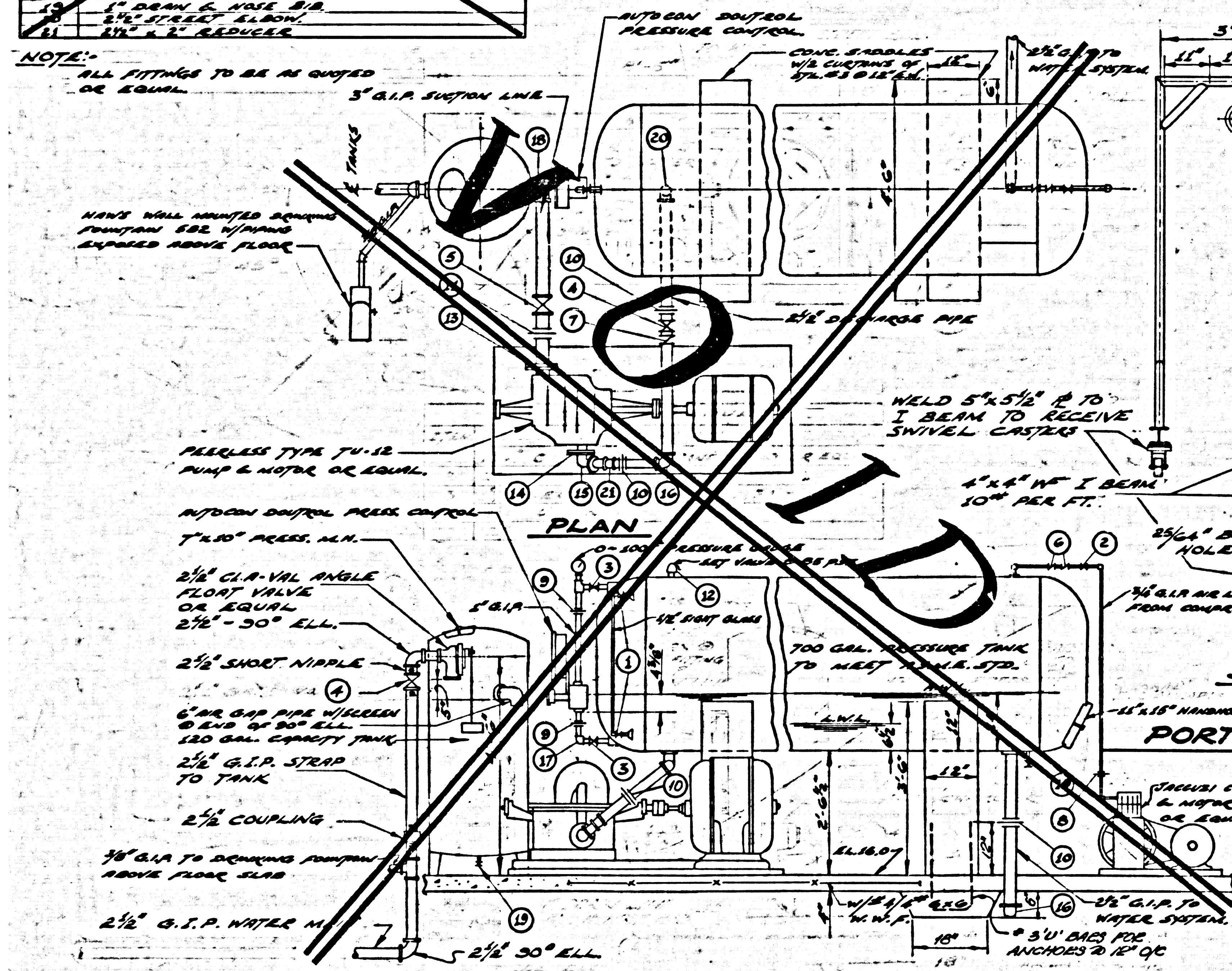
SECTION B  
SCALE: 1" = 1'-0"

**FITTINGS SCHEDULE**

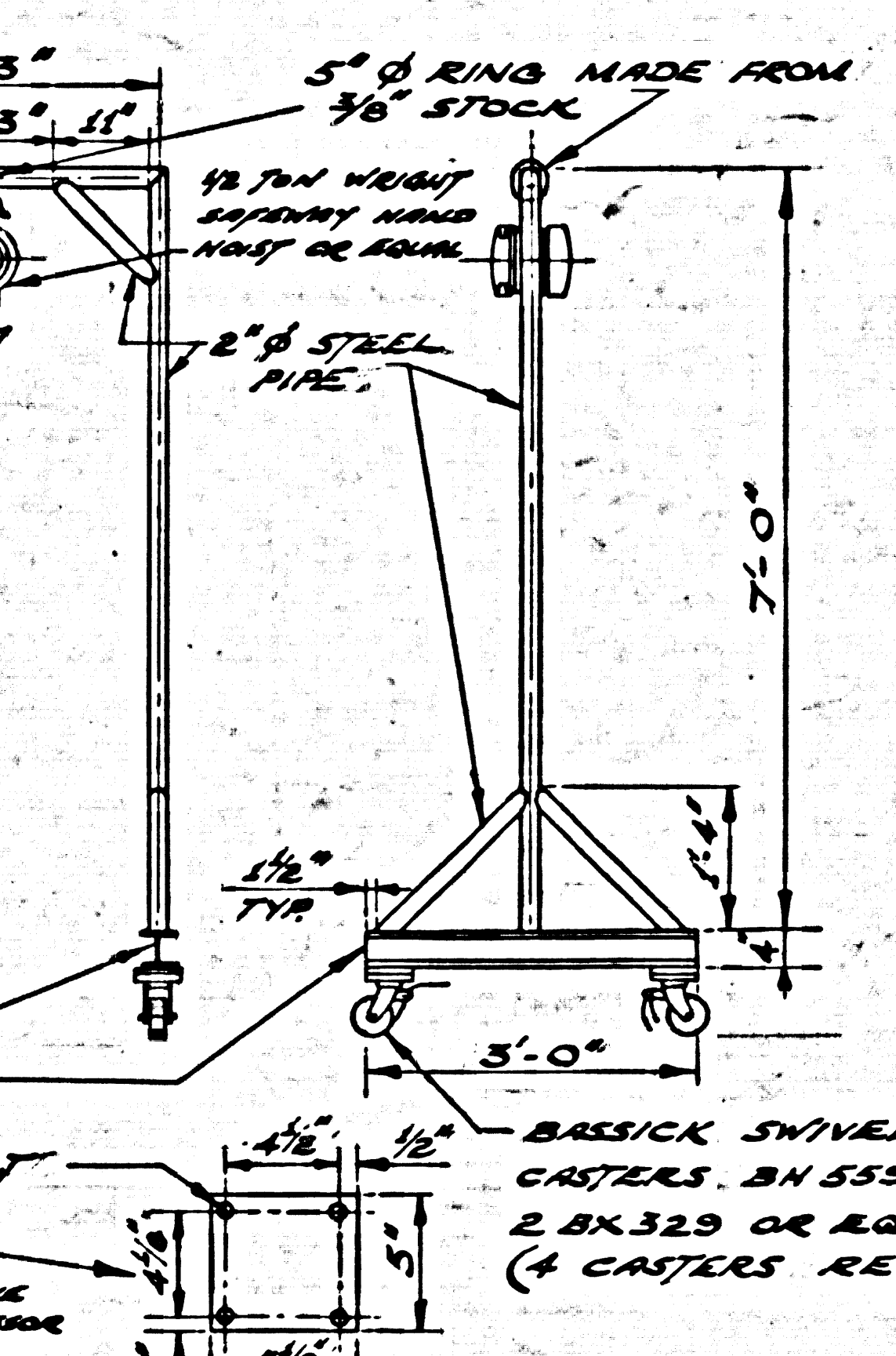
ITEM	DESCRIPTION
1	1\"/>

**VOID**

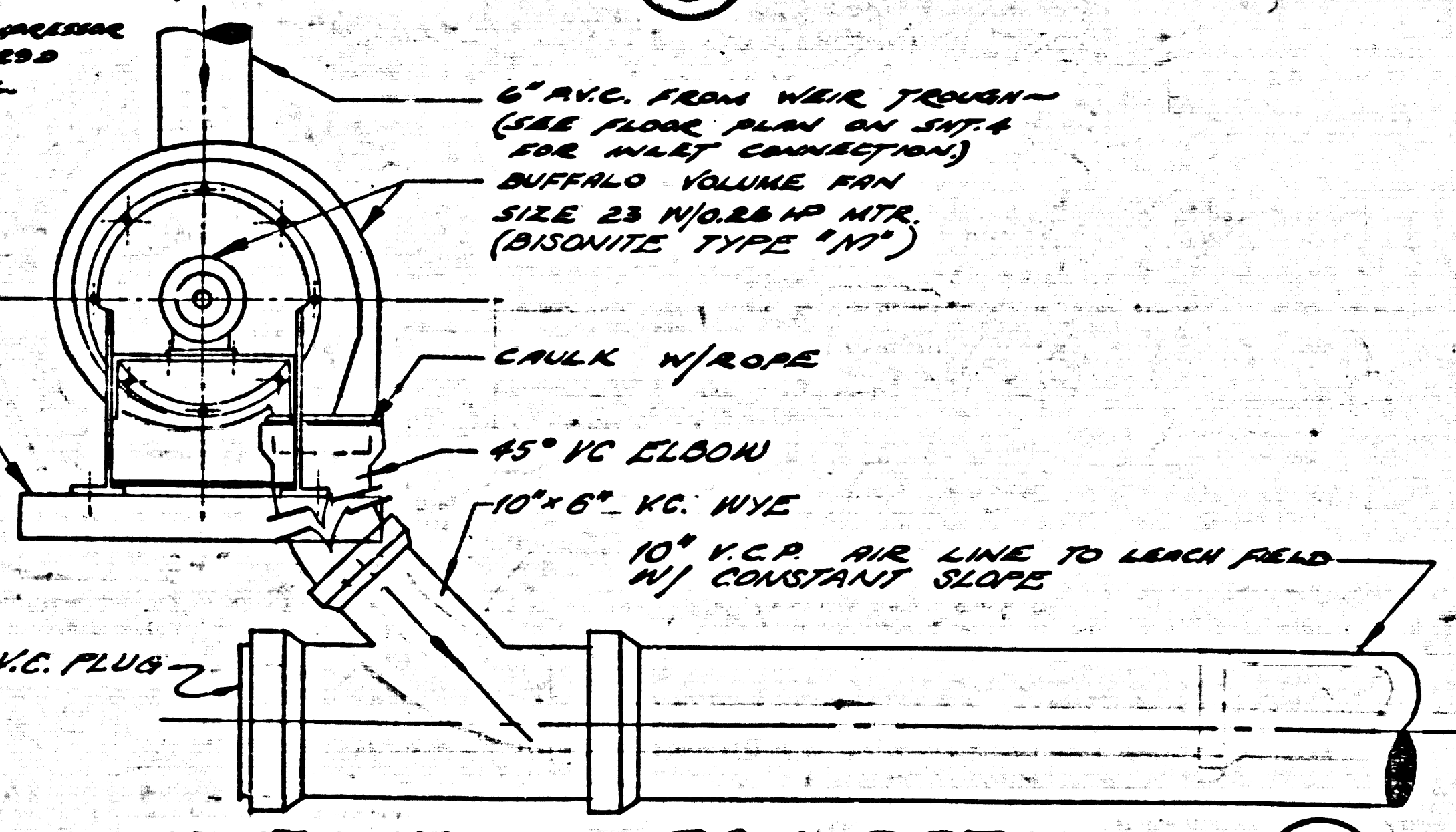
NOTE: ALL FITTINGS TO BE AS SHOWN OR EQUAL.



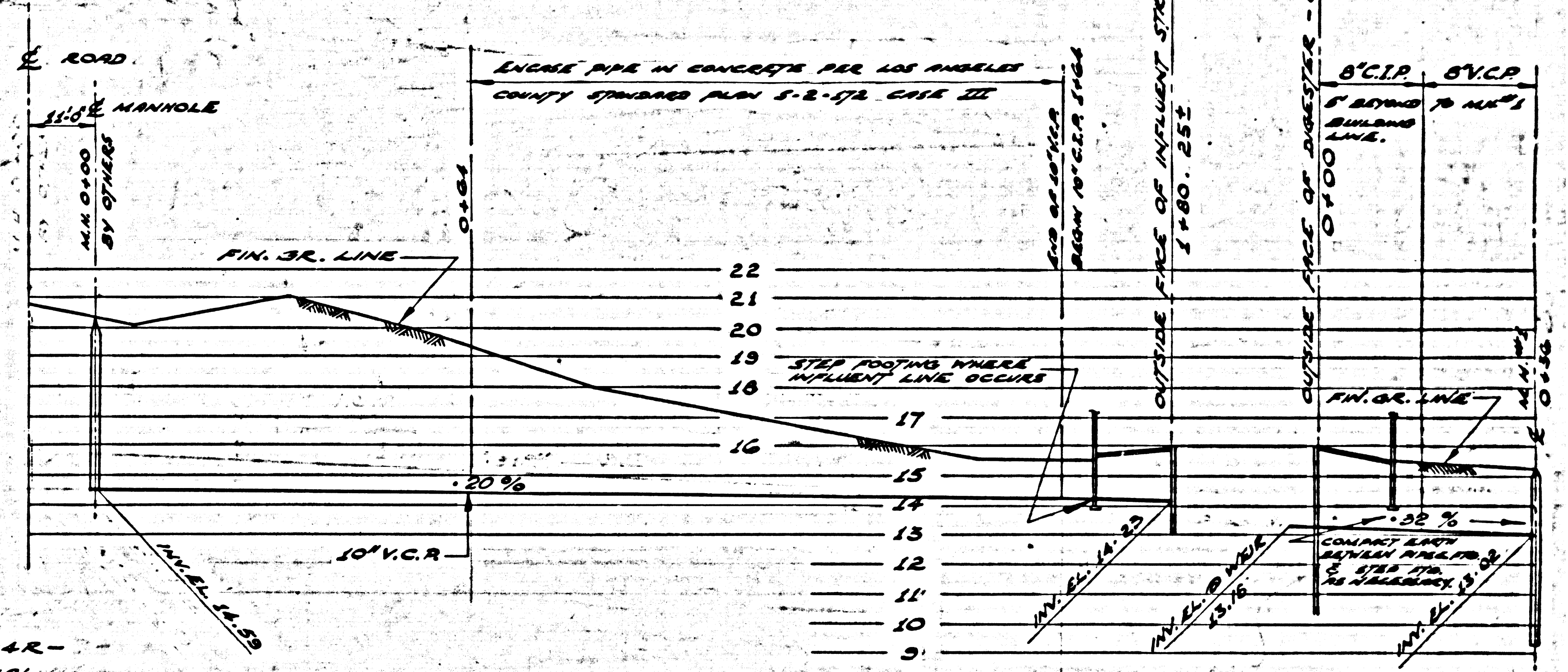
ELEVATION  
WATER BREAK SYSTEM  
SCALE: 1/2" = 1'-0"



BEARING DET. D  
SCALE: 1/2" = 1'-0"



VENTILATING FAN DETAIL E  
SCALE: 1" = 1'-0"



PROFILE OF INFLUENT LINE TO PLANT & LEACH BEDS F  
SCALE: HORIZ: 1" = 20' VERT: 1" = 4'

Revised 10-3-62  
Revised 4-23-62

**TRANCAS CANYON SUBDIVISION  
ARBLAY INC.**  
SEWAGE TREATMENT PLANT  
BY  
**POMEROY AND ASSOCIATES**  
P.C. NO. 6003-B

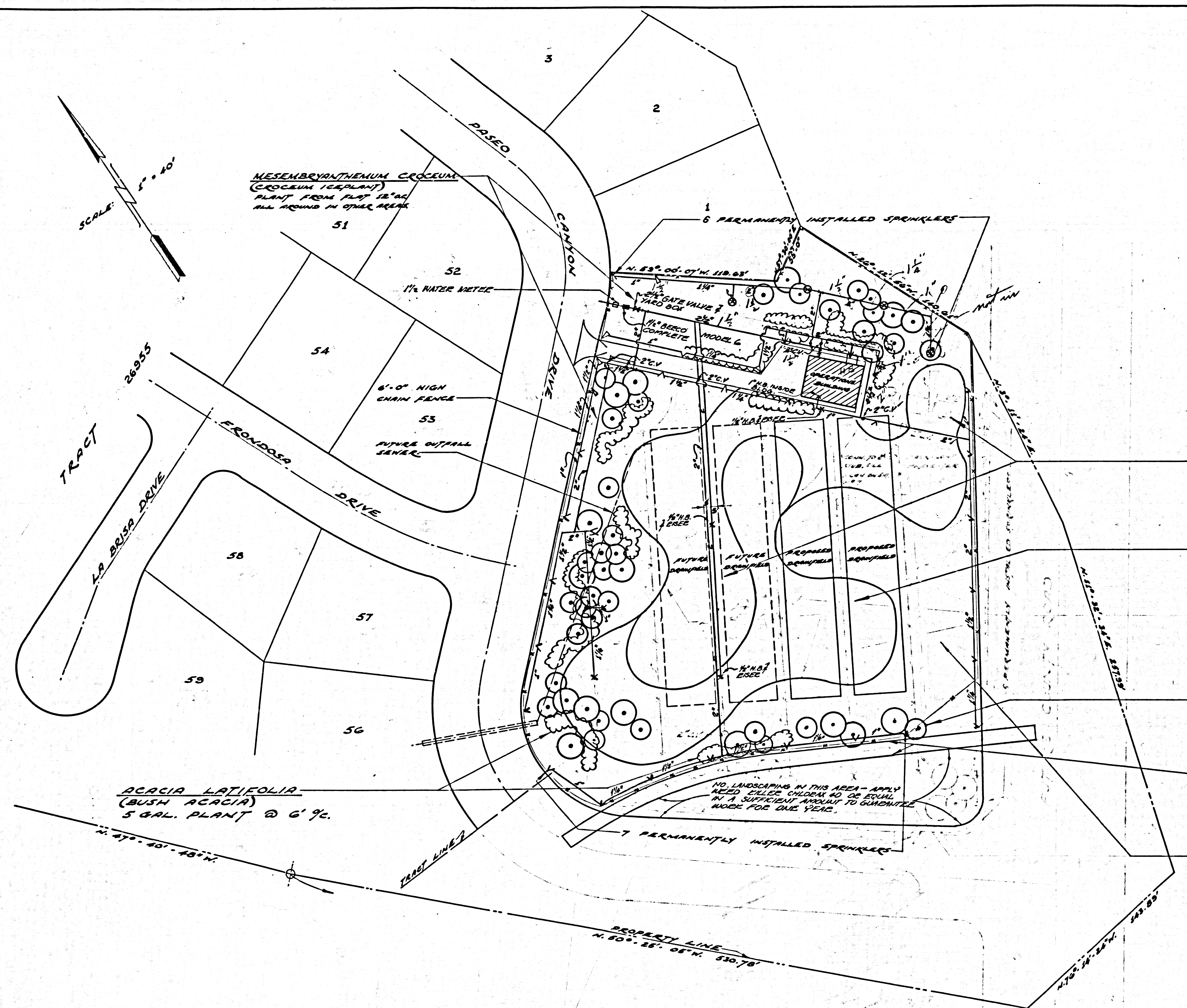
PIPING AND MISCELLANEOUS DETAILS

**COUNTY OF LOS ANGELES, CALIFORNIA**  
JOHN A. LAMBIE COUNTY ENGINEER

APPROVED BY: *Richard Pomeroy* R.E. NO. 8170  
DESIGNED BY: A. P. J.  
CHECKED BY: *John G. G.* DESIGN ENGINEER R.E. 10075  
DRAWN BY: J. G. G.  
CHECKED BY: A. P. J.

SHEET 6  
OF 7





**LEGEND**

- 1-GALLON EUCALYPTUS ROSTRATA — SHOWN THIS
- 5-GALLON EUCALYPTUS ROSTRATA " " (X V)
- QUICK COUPLER VALVES - RAMBRO #133 " " (X V)
- FULL CIRCLE SPRINKLER " #130 " " (X V)
- 1/2" x 3/8" - 7" NOZ. (0.67 GPM) (45' RAD) (45 PSI) " " V V
- 1/2" CIRCLE SPRINKLER - RAMBRO #135 " " V V
- 3/2" K. (4.72 GPM) (45' RAD) (45 PSI) " " V V
- NEW MAIN LINE - SEE NOTES " " —
- MANUAL CONTROL VALVE - F&CO #1300 1/2" VALVE " " —
- SLEEVE - F&CO #1370 " " —
- RAMBRO #1340 2" x 1/2" x 3/8" DA - 5.79 GPM @ 45 PSI " " X

**NOTE**

ALL LANDSCAPE WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT L.A. COUNTY SPECIFICATIONS FOR LANDSCAPING. ALL NEW MAIN LINE UNDER 3" IN SIZE SHALL BE GALV. STEEL SCHED 40.

DO NOT OPERATE MORE THAN 1 LATERAL AT ANY ONE TIME.

DO NOT EXCEED TO 0.5 GPM AT ANY OPERATION.

DO NOT EXCEED TO 50 PSI AT ANY OPERATION.

PROVIDE 2 SPRINKLER TESTS - F&CO #1374.

PROVIDE 2 FULL CIRCLE SPRINKLERS - RAMBRO #1330 1/2" x 3/8" NOZ. - 0.67 GPM.

PROVIDE 26 PART CIRCLE SPRINKLERS - RAMBRO #133 - 1/2" x 3/8" NOZ.

PROVIDE 3 SPRINKLERS - RAMBRO #1340 2" x 1/2" x 3/8" NOZ. - 5.79 GPM.

PROVIDE 300 - 10 YEAR GUARANTEE HOSE W/ 2 1/2" FULL CIRCLE PORTABLE RAMBRO SPRINKLERS & BASES GUARANTEE HOSE W/ 2 1/2" FULL CIRCLE PORTABLE RAMBRO SPRINKLERS & BASES.

40686

**LAMPRANTHUS PRODUCTIS**  
(PURPLE ICEPLANT)  
PLANT FROM FLAT @ 12" @ 1/2"

**MESEMBRYANTHEM ROSEA**  
(FIGMARI GOLD)  
PLANT FROM FLAT 12" @ 1/2"

**EUCALYPTUS ROSTRATA**  
(RED GUM)  
1 GAL. & 5 GAL. @ 6' @ 1/2"

10'-0" WIDE PAVED DITCH

**MESEMBRYANTHEM CROCEUM**  
(CROCEUM ICEPLANT)  
PLANT FROM FLAT 12" @ 1/2" ALL AROUND  
IN ALL OTHER AREAS

Revised: 10-3-62  
Revised: 6-26-62  
Revised: 4-23-62

**TRANCAS CANYON SUBDIVISION**  
**ARBLAY INC.**  
SEWAGE TREATMENT PLANT  
BY  
**POMEROY AND ASSOCIATES**  
P.C. NO. 6003-B

LANDSCAPING & IRRIGATION PIPING

COUNTY OF LOS ANGELES, CALIFORNIA  
JOHN A. LAMBIE COUNTY ENGINEER

ROBERT HERRICK CARTER & ASSOCIATES,  
LANDSCAPE ARCHITECT.  
10150, NATIONAL BLVD., LOS ANGELES 34, CALIFORNIA.  
VE 9-7591 UP 0-4611.

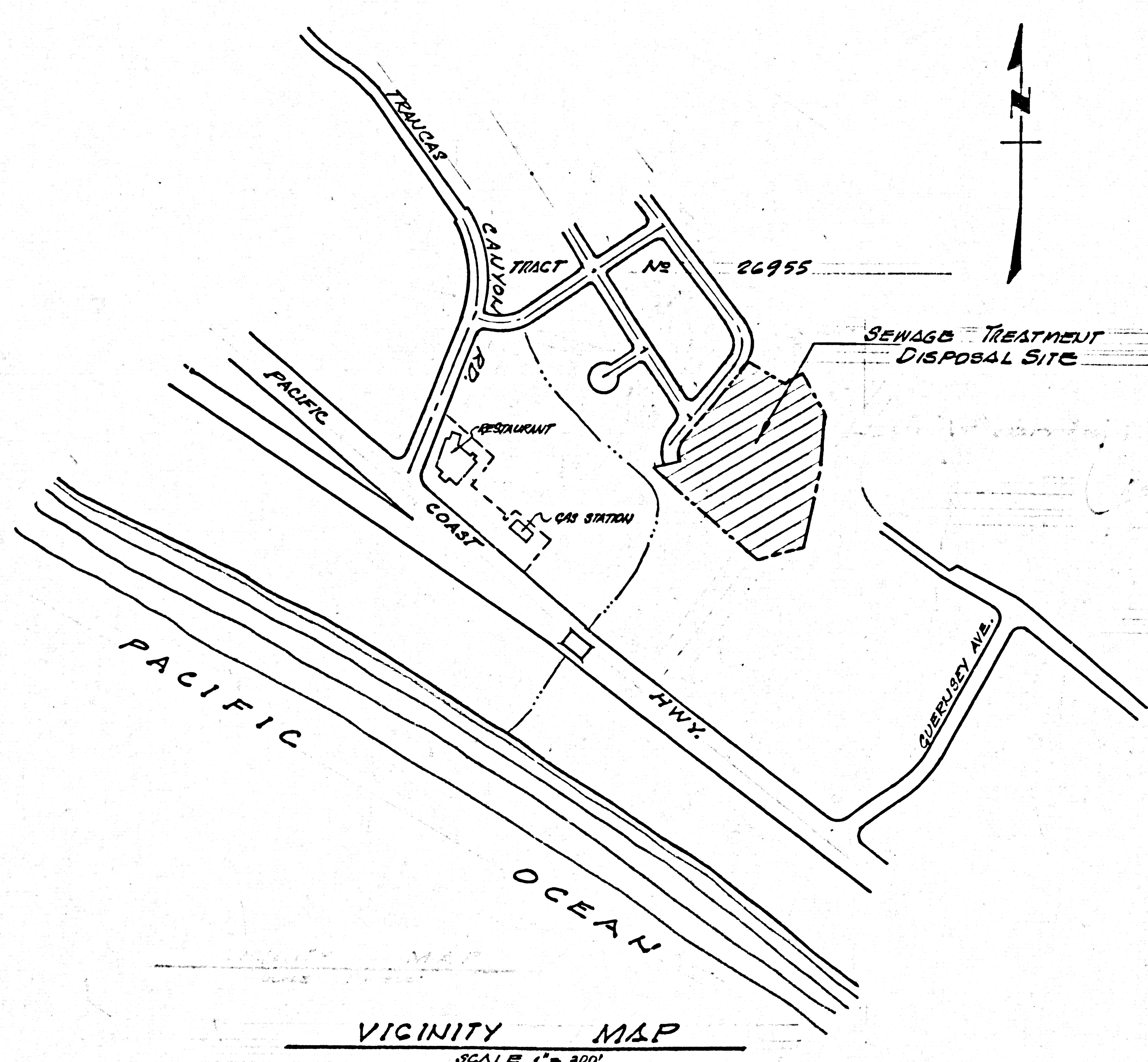
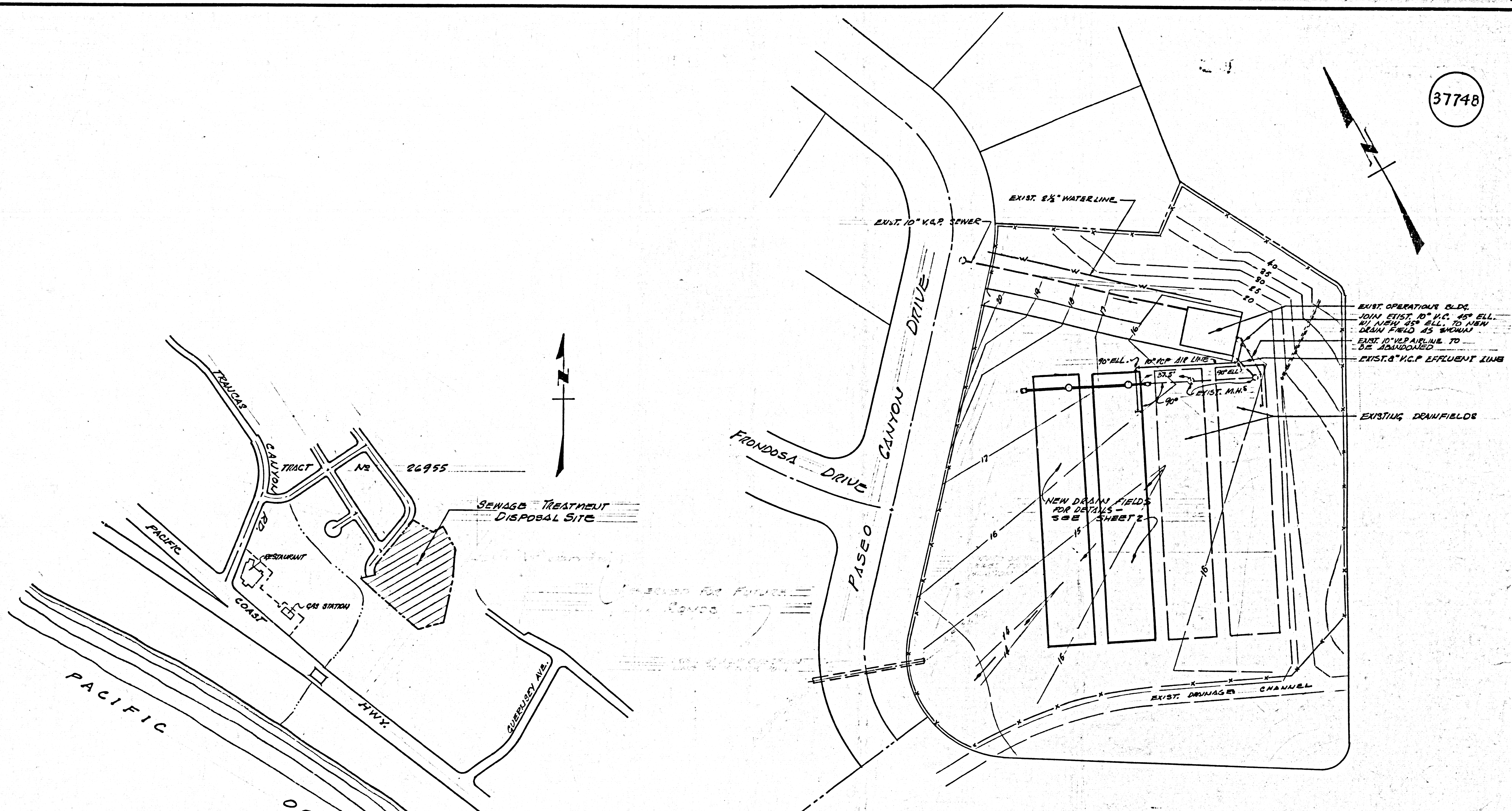
APPROVED BY: *[Signature]*  
ASSY. SANITATION ENGINEER  
CHECKED BY: *[Signature]*  
DESIGN ENGINEER R.E. 10075  
*[Signature]* R.E. NO. 8170

DESIGNED BY: R.H.C.  
DRAWN BY: D.N.  
CHECKED BY: A.P.J.

SHEET 7  
OF 7



37748



PLOT PLAN  
SCALE 1"=40'

NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE L.A. CO. CONST. DIVISION BY TELEPHONE 629-4747, EXT. 31531 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
2. THE STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF SANITARY SEWERS AS REVISED TO MAY 25, 1952 SHALL APPLY WHERE APPLICABLE. APPLICABLE SECTIONS ARE: 1-25 INCLUSIVE, 26-28 INCL., 30, 31, 34, 36, 37, 40, 41, 51 & 62.
3. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
4. ALL CONTOURS OR GRADES SHOWN ARE EXISTING.
5. EXCESS MAT'L. FROM LEACHING BEDS WILL BE DISPOSED OF AT A SITE DESIGNATED BY THE OWNER WITHIN A ONE MILE RADIUS.
6. SECTION 310 "LEACHING BEDS" OF SPECIFICATIONS FOR CONSTRUCTION OF A SEWAGE TREATMENT PLANT DATED MARCH 1963 COVERING THE INITIAL CONSTRUCTION OF THIS FACILITY (P.C. 60030) SHALL APPLY.

**BENCH MARK:** LOS ANGELES COUNTY ROAD DEPT. B.M. 57545T (CSOM 10-126) MALIBU 1960 ELEV. 18.618 BRONZE TABLET 30. SIDE PACIFIC COAST HWY. AT TRANCAS CREEK BRIDGE AT WEST END OF WALK MARKED R-49, 1928 - RESET IN 1933

NO.	REVISION	DATE
1	10" VCR AIR LINE ADDED	FEB. 24 <sup>th</sup> 1965

**TRANCAS CANYON SUBDIVISION  
MALIBU PROPERTIES**  
WATER POLLUTION CONTROL PLANT ENLARGEMENT  
BY  
**POMEROY, JOHNSTON & BAILEY**  
P. C. NO. 6003 C J.N. 0364.44

PLOT PLAN, AND VICINITY MAP

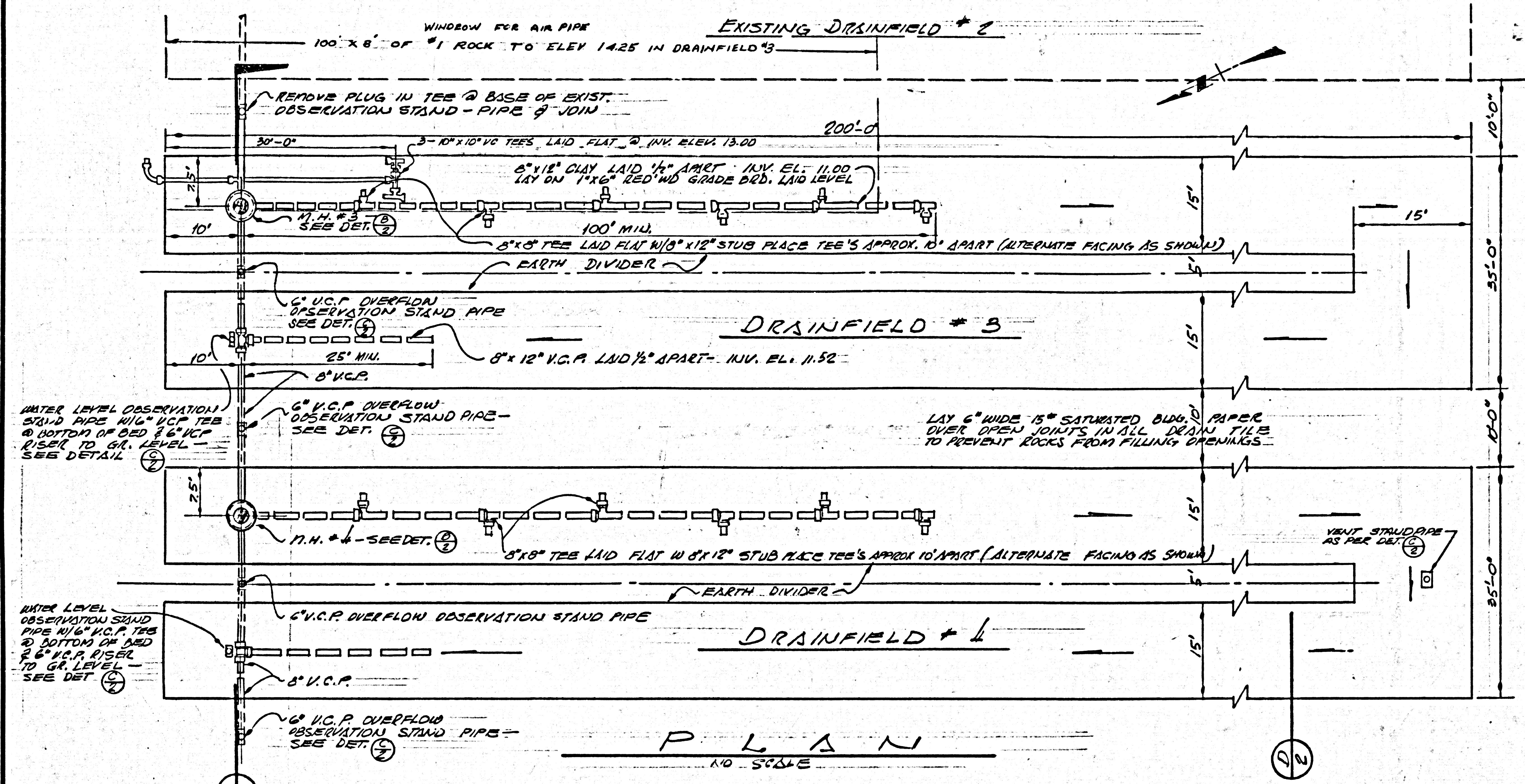
COUNTY OF LOS ANGELES, CALIFORNIA  
JOHN A. LAMBIE COUNTY ENGINEER

REVISION #1 - 10" AIR LINE ADDED  
APPROVED: *[Signature]* 2-25-65  
OFFICE OF COUNTY ENGINEER

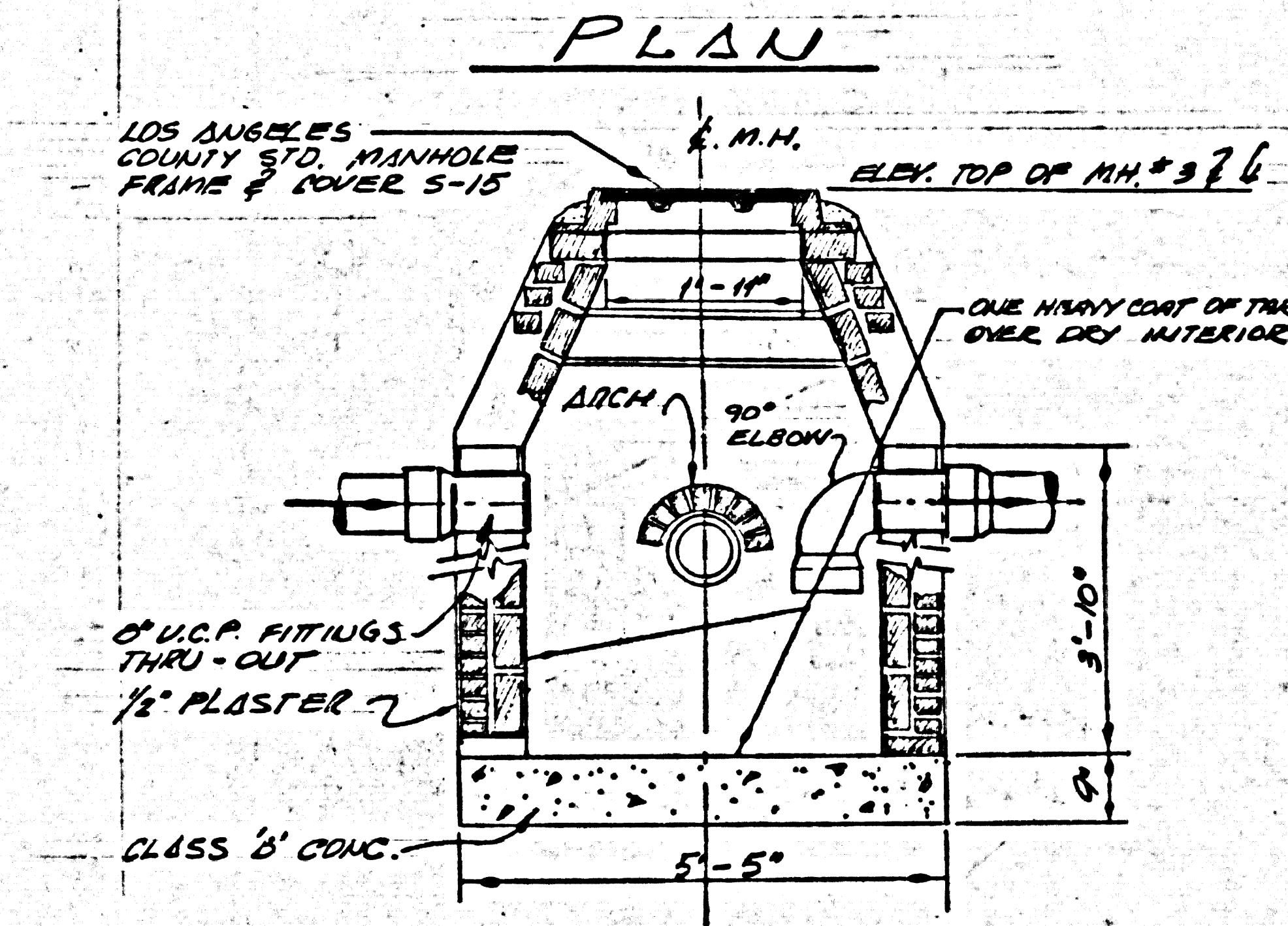
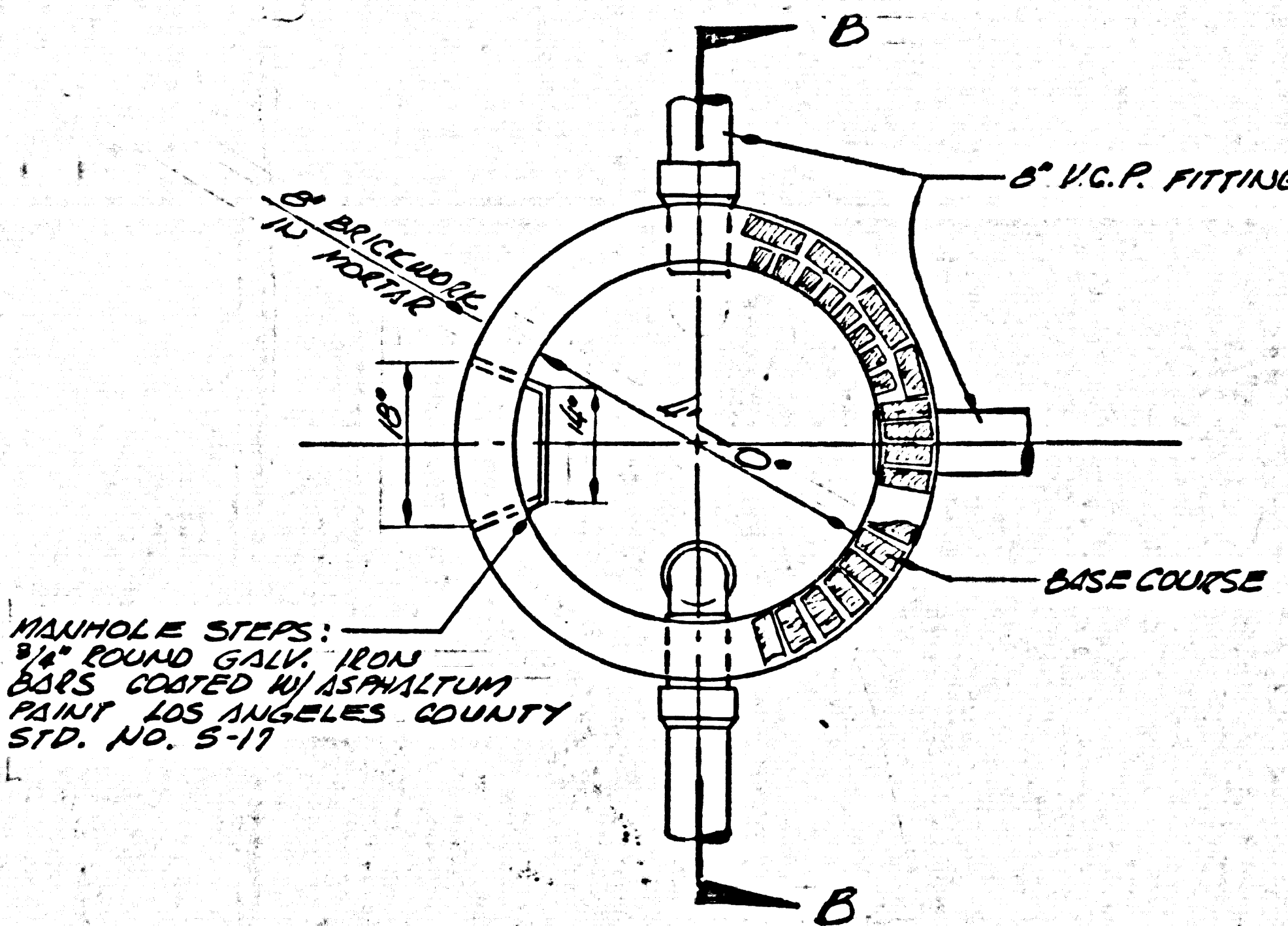
APPROVED BY <i>[Signature]</i> ASST. SANITATION ENGINEER	DESIGNED BY <i>[Signature]</i>	SHEET 1 OF 2
CHECKED BY <i>[Signature]</i> P.E. 14390 DESIGN ENGINEER	DRAWN BY <i>[Signature]</i>	
CHECKED BY <i>[Signature]</i> R.E. No. 11763		



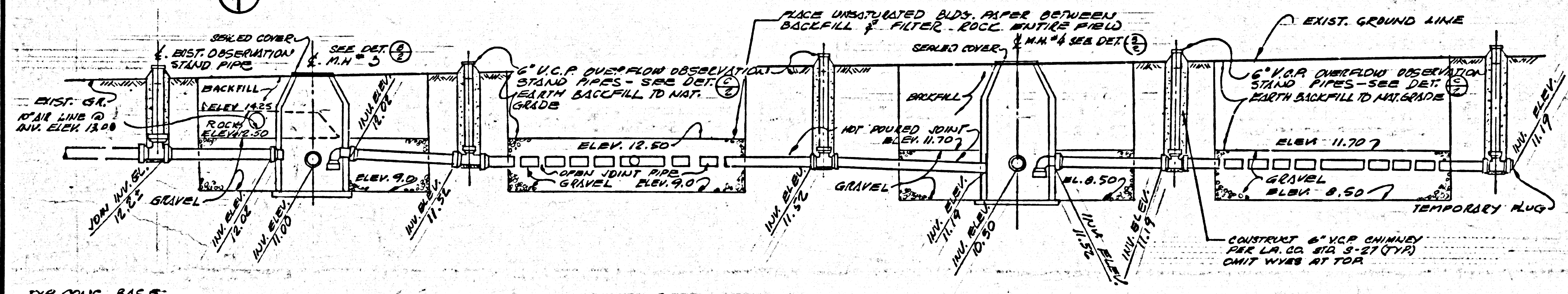
37749



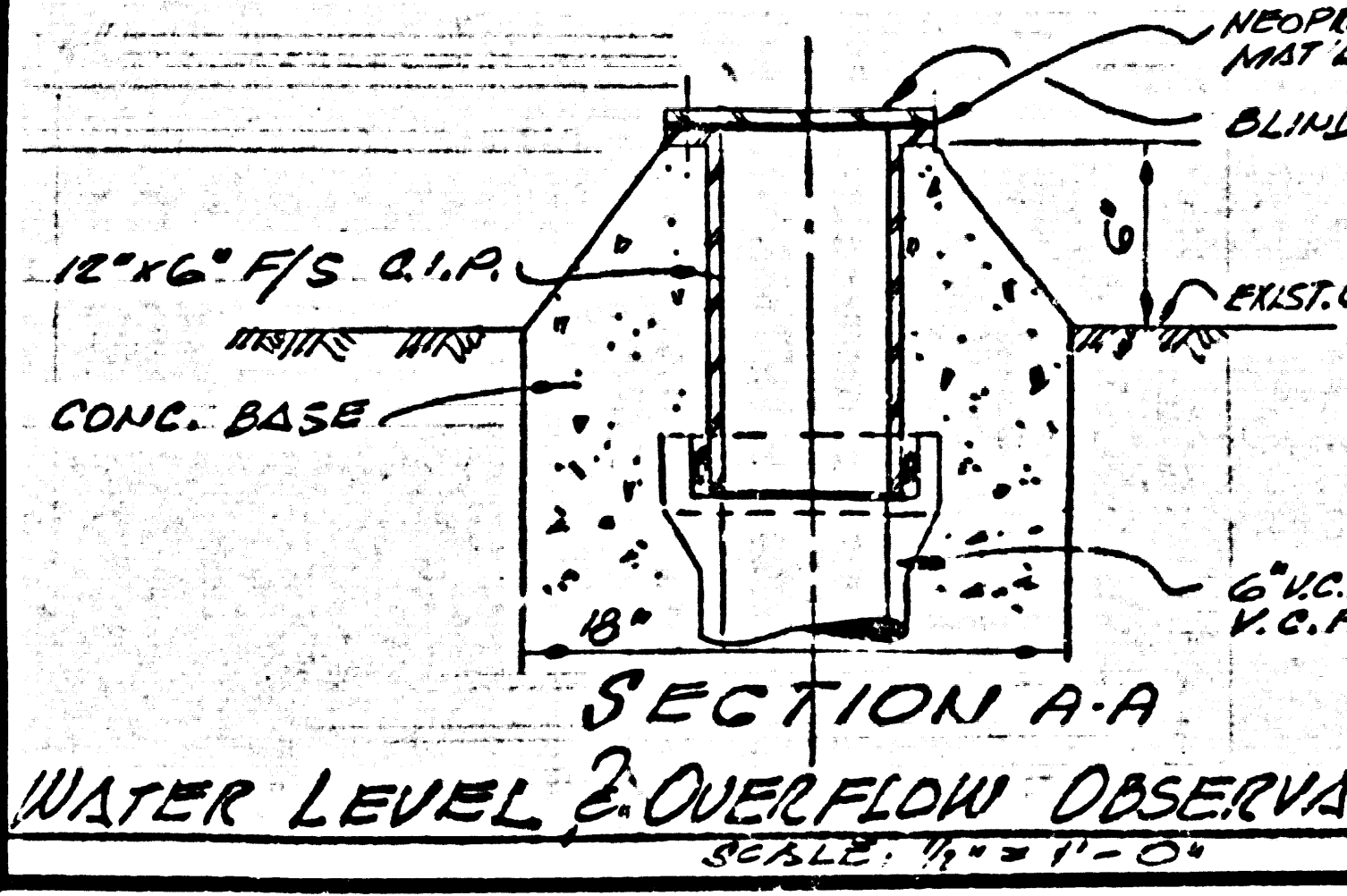
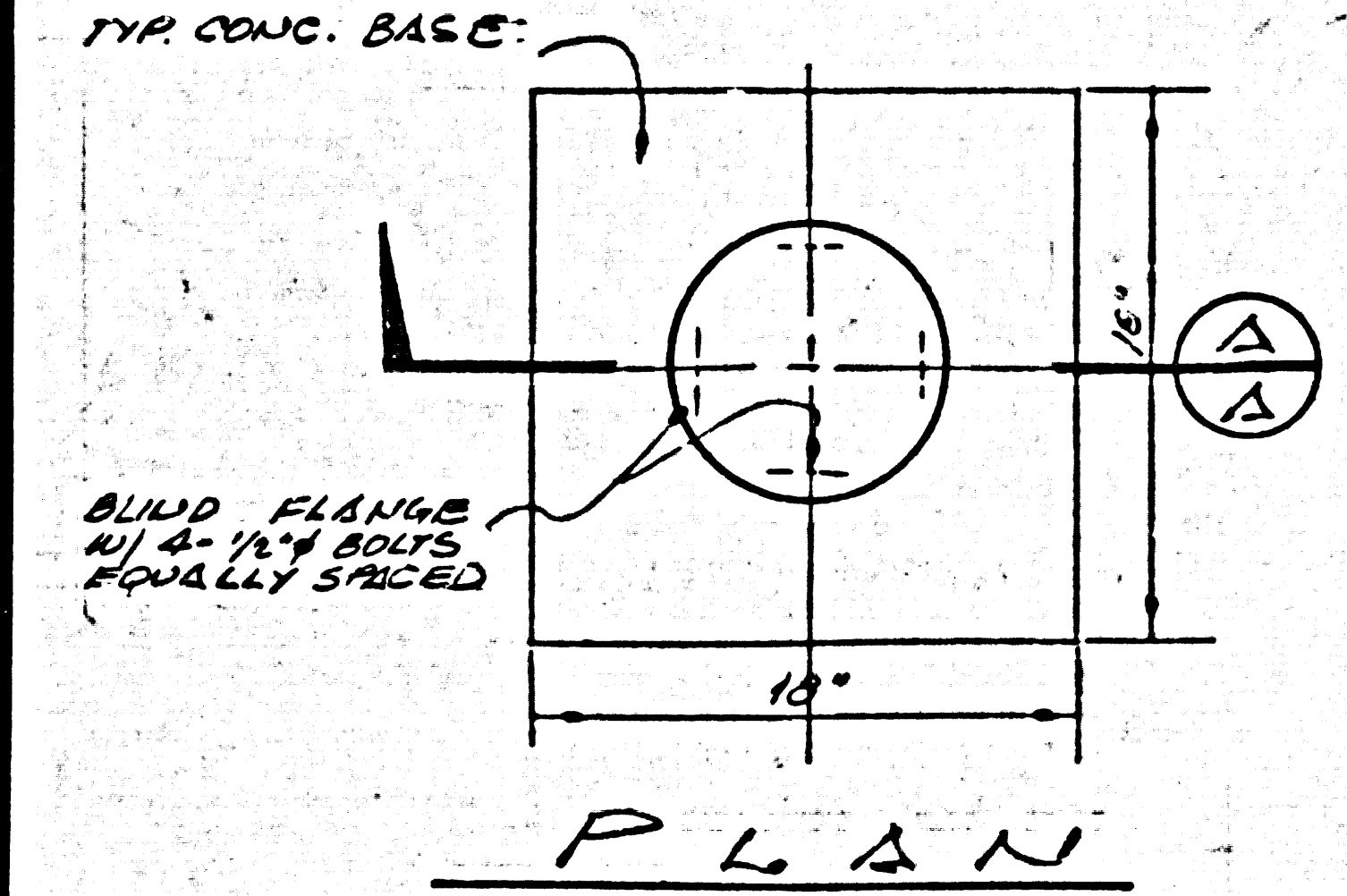
NOTE:  
MANHOLES TO BE LOS ANGELES COUNTY STD. NO. 5-3



TYPICAL MANHOLE DETAIL (B) 2



SECTION A-A SCALE: 1/2\"/>



SECTION A-A WATER LEVEL & OVERFLOW OBSERVATION DET. (C) 2 SCALE: 1/2\"/>

NO.	REVISION	DATE
1	10\"/>	FEB. 21 1965

**TRANCAS CANYON SUBDIVISION  
MALIBU PROPERTIES**

WATER POLLUTION CONTROL PLANT ENLARGEMENT -  
BY  
**POMEROY, JOHNSTON & BAILEY**

P. C. NO. 6003 C J.N. 036444

**DRAINFIELDS, SECTIONS & DETAILS**

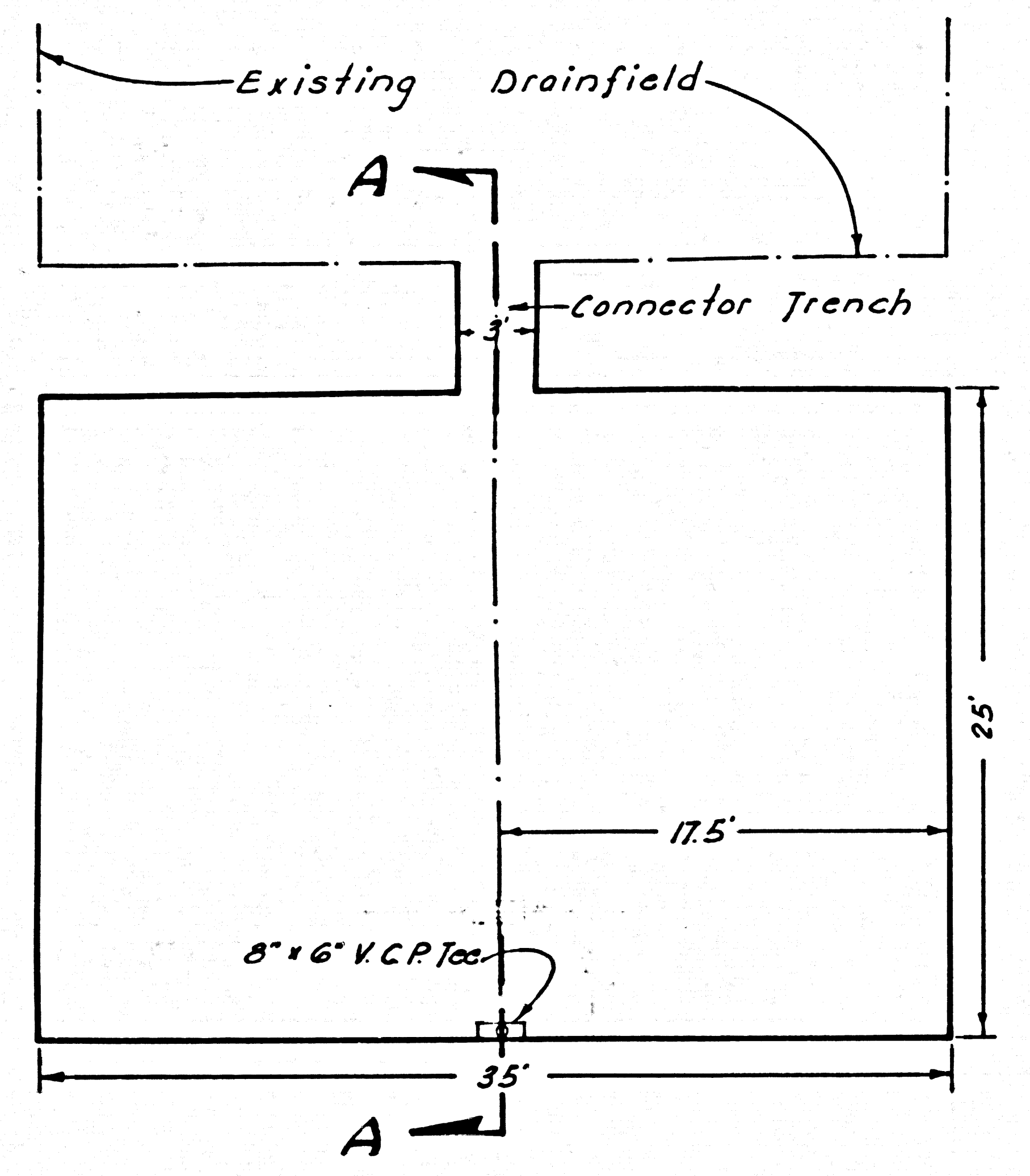
**COUNTY OF LOS ANGELES, CALIFORNIA**  
JOHN A. LAMBIE COUNTY ENGINEER

APPROVED BY <i>Paul E. Ke...</i> ASST. SANITATION ENGINEER	DESIGNED BY <u>M.H.B.</u>	SHEET <u>2</u> OF <u>2</u>
CHECKED BY <i>R. H. Lambie</i> ENGINEER	DRAWN BY <u>I.G.G.</u>	

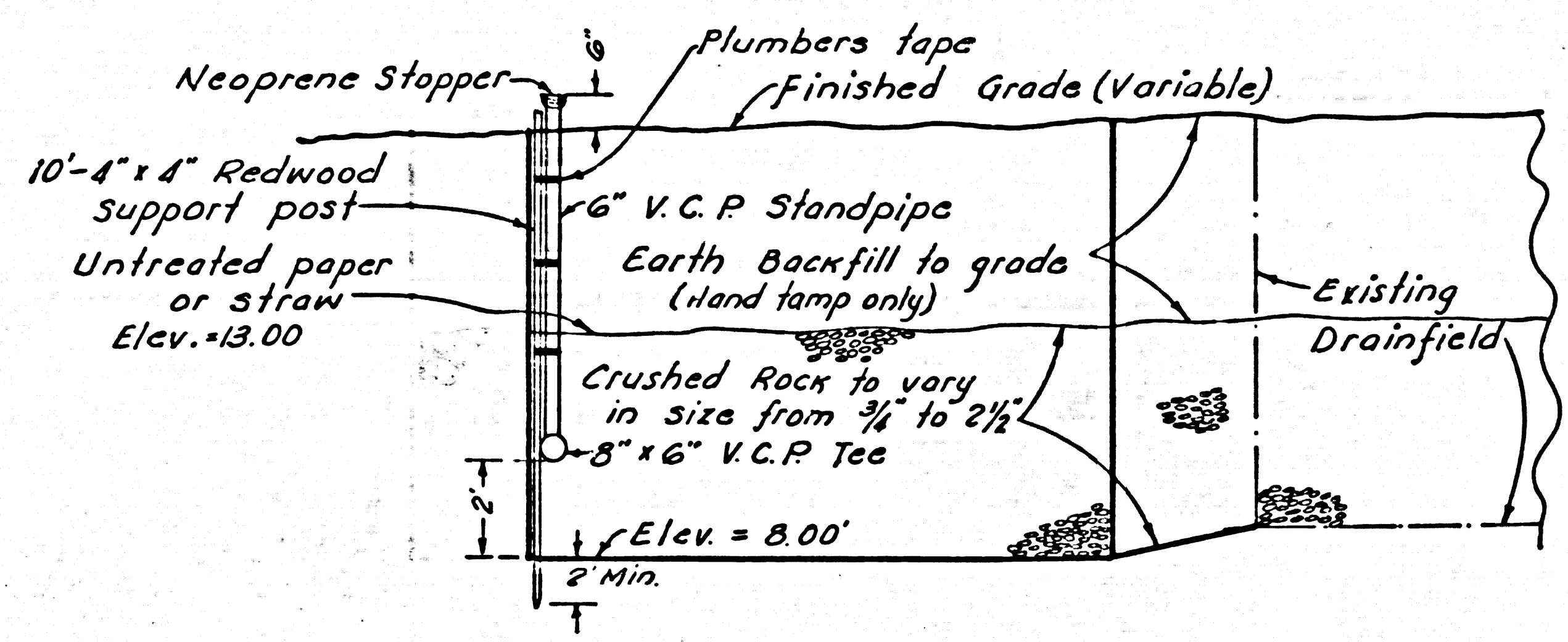
*Harry N. Bailey* R.E. No. 11763 CHECKED BY M.H.B.



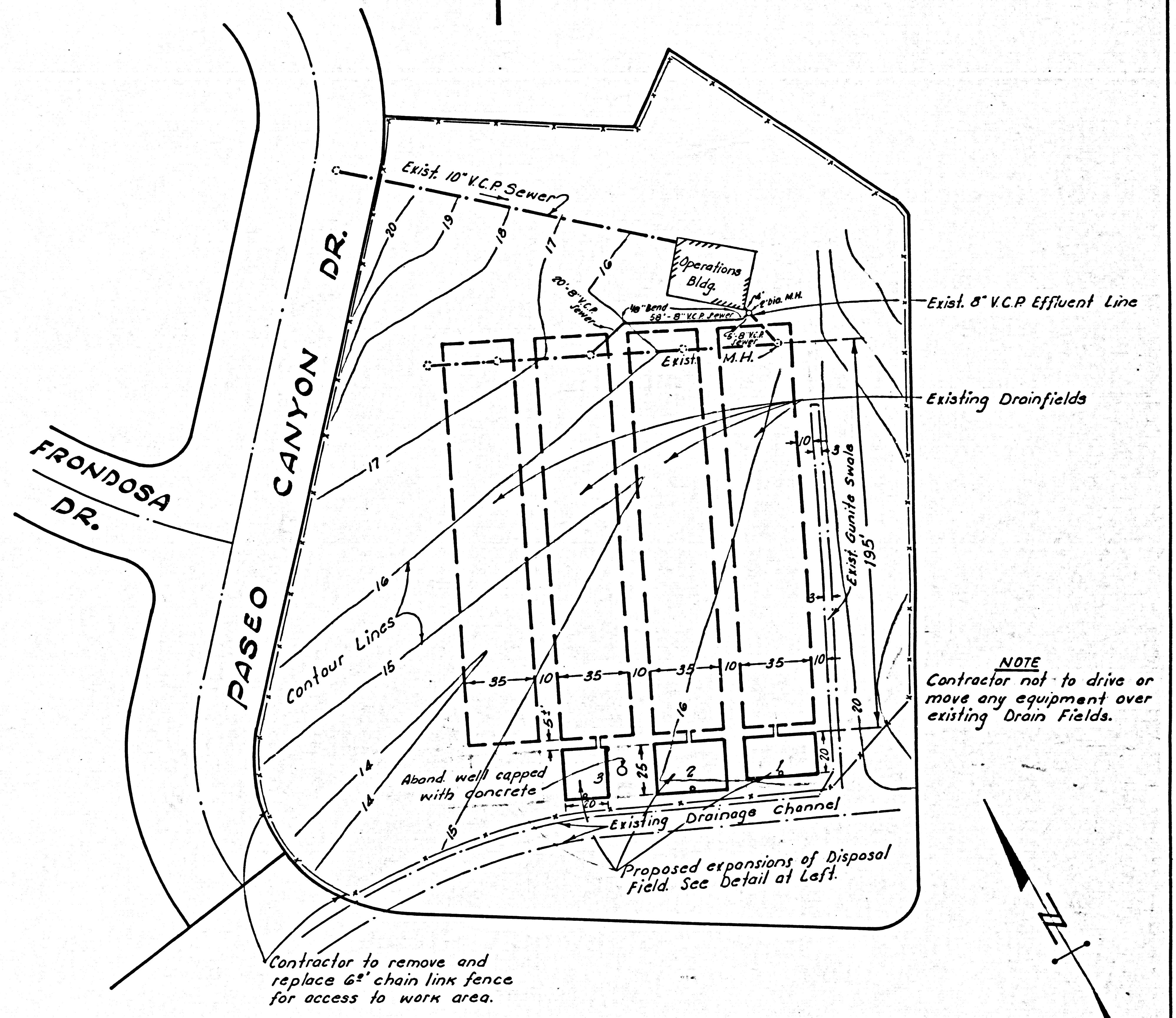
B.M. 5451 (C.S. B.M. 48-136) El. 18.618  
 Bronze tablet S. side Pacific Coast Hwy. of Trancas  
 Creek Bridge at W. end of walk marked R-49, 1928.  
 Reset in 1938. Malibu 1960



**PLAN VIEW DISPOSAL FIELD**  
 SCALE: 1"=6'  
 Details shown hereon are typical for all expansions of Disposal Fields.



**SECTION A-A**



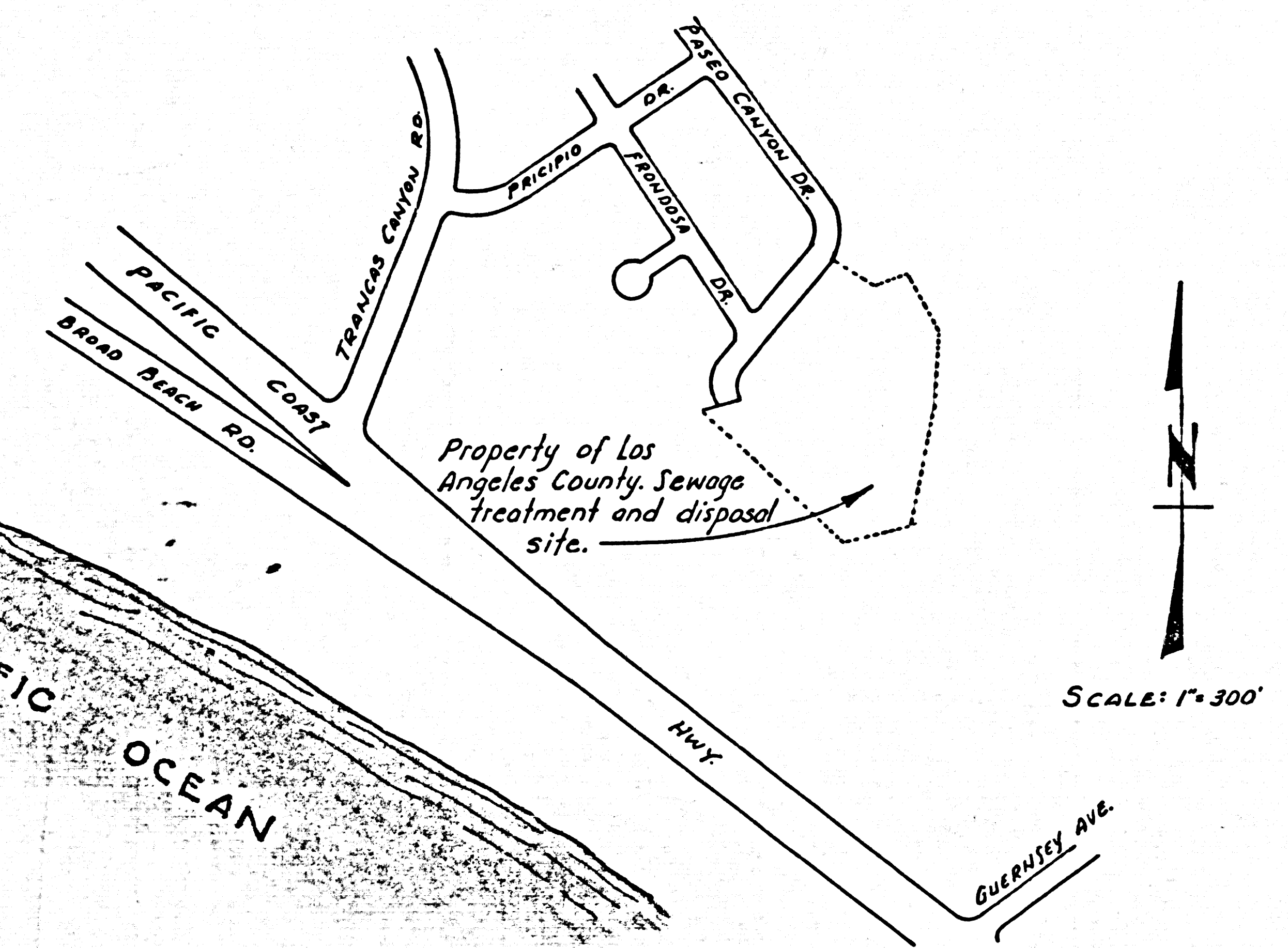
**NOTE**  
 Contractor not to drive or move any equipment over existing Drain Fields.

**PLOT PLAN**  
 SCALE: 1"=40'

**AS BUILT**  
 5-29-68  
 No connections made to old beds.

**NOTE**

- Contractor shall notify Mr. Carl Pearson, County Sewer Maintenance Superintendent, Tel. 629-4747, Ext. 81461 at least 24 hours before starting any work on this project.
- Contractor shall exercise caution when excavating connector trench to minimize damage to existing drainfields.
- Removal of plants shall be done by others.
- All waste material resulting from this construction shall be hauled away by the Contractor to an approved dump at his own expense.

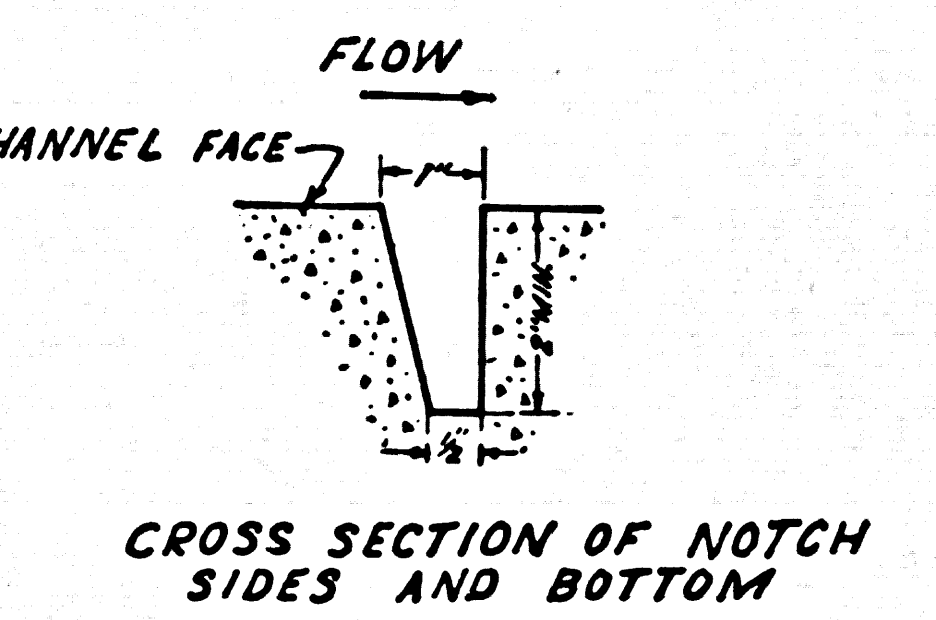
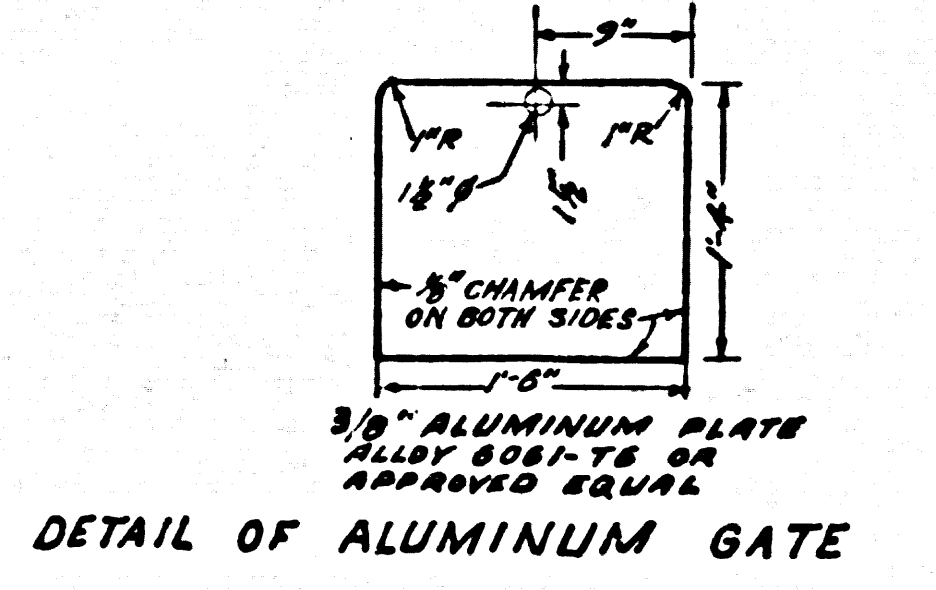
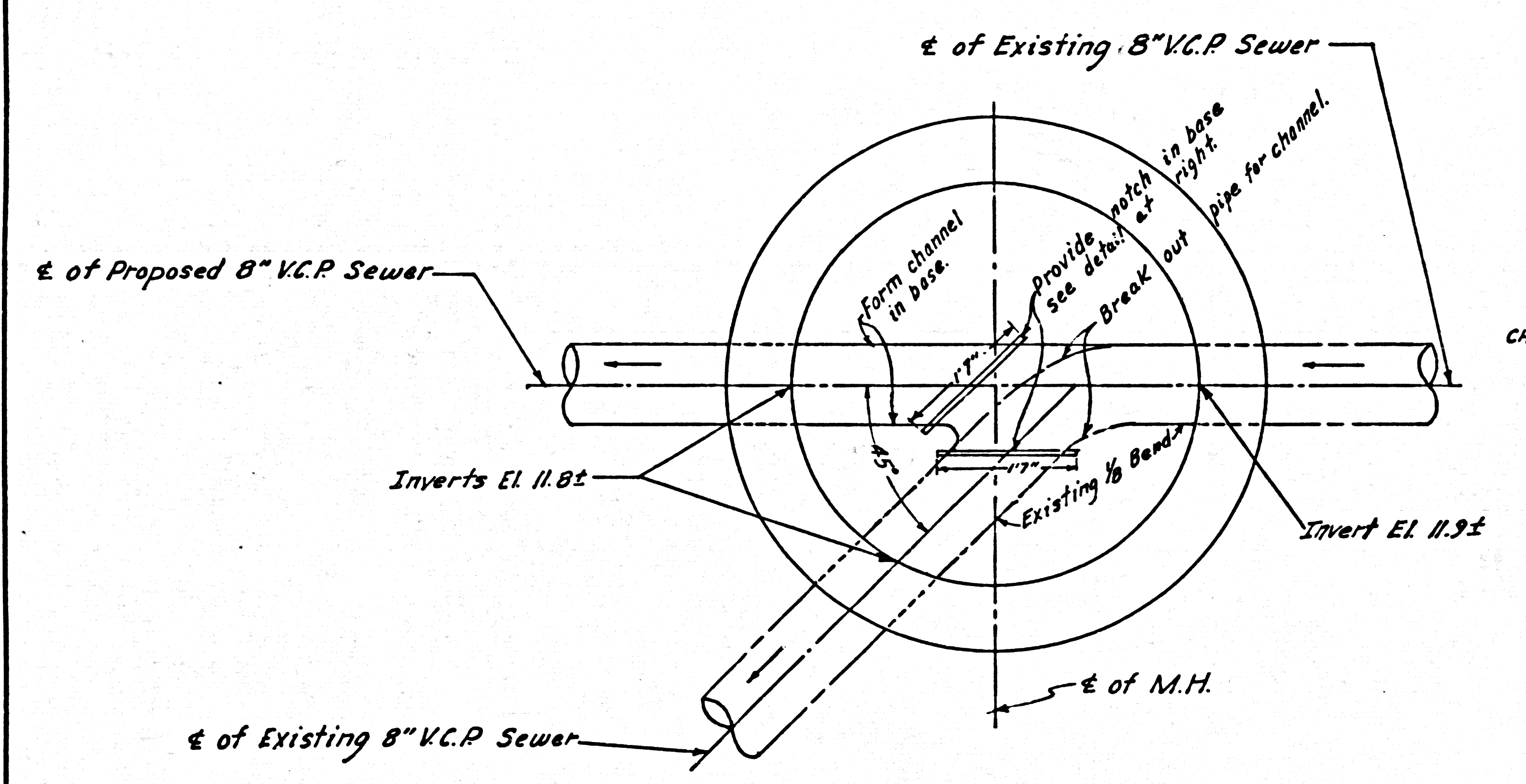


**INDEX MAP**

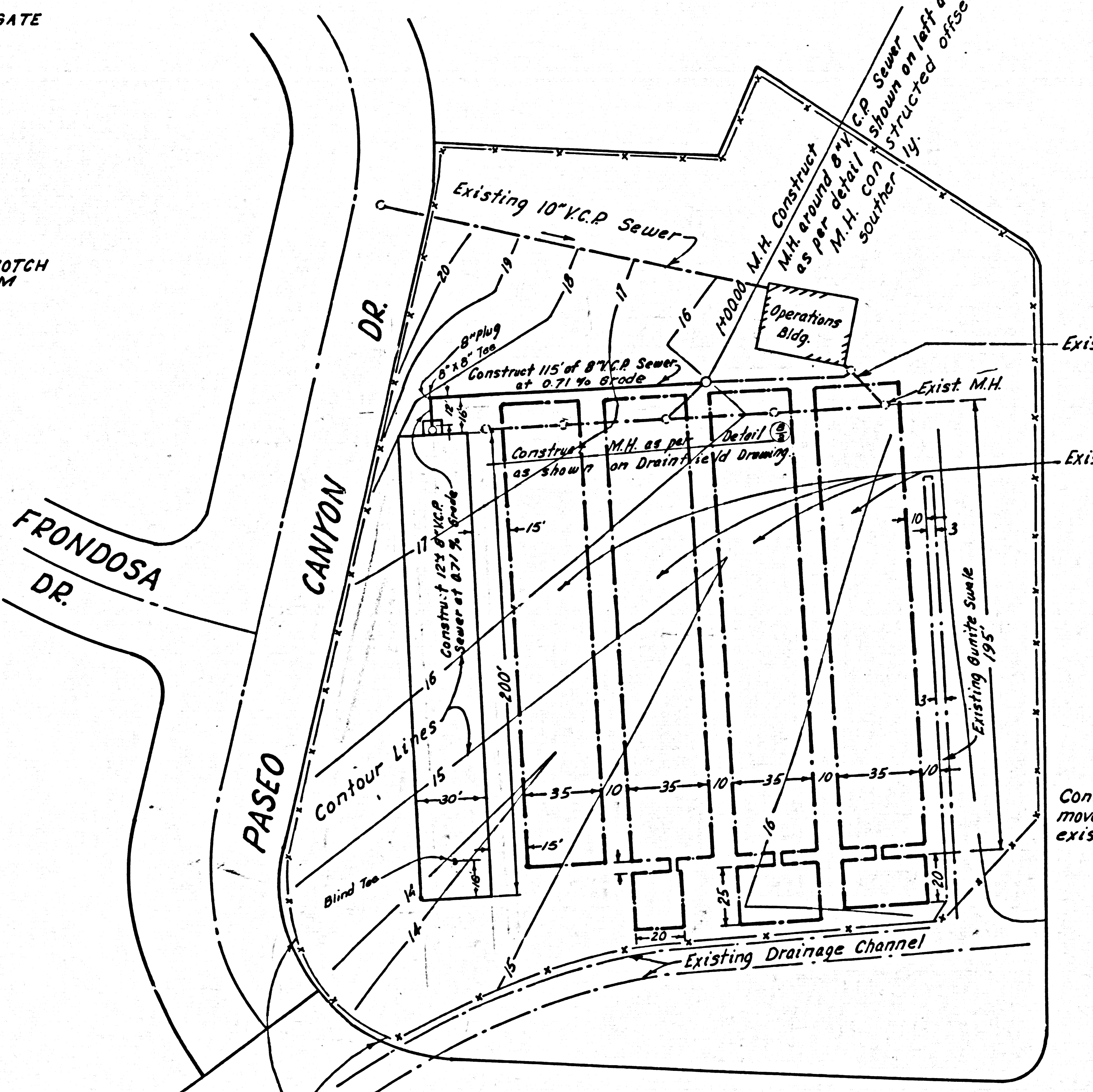
SANITATION DIVISION		
DATE	MARCH 1968	JOHN A. LAMBIE, LOS ANGELES COUNTY ENGINEER
DESIGN BY	Richard Pearson	DEPARTMENT OF COUNTY ENGINEER
APPROVED BY	CARL H. PEARSON	TRANCAS CANYON S. M. D.
APPROVED BY	RICHARD H. CROW	ASSISTANT DIVISION ENGINEER
JOB NO.	0530-00	
REF. TO	PC 6003-D	
DRAWING PREPARED BY	WHP	
DRAWING CHECKED BY	WHP	
SCALE	AS SHOWN	
SHEET NO.	1	OF 1 SHEET



B.M. SY 5451 (C.S. B.M. 49-136) Elev. 126.18  
 Bronze tablet S. side Pacific Coast Hwy. at Trancas  
 Creek Bridge at W end of walk marked P-49, 1928.  
 Reset in 1938. Malibu 1960



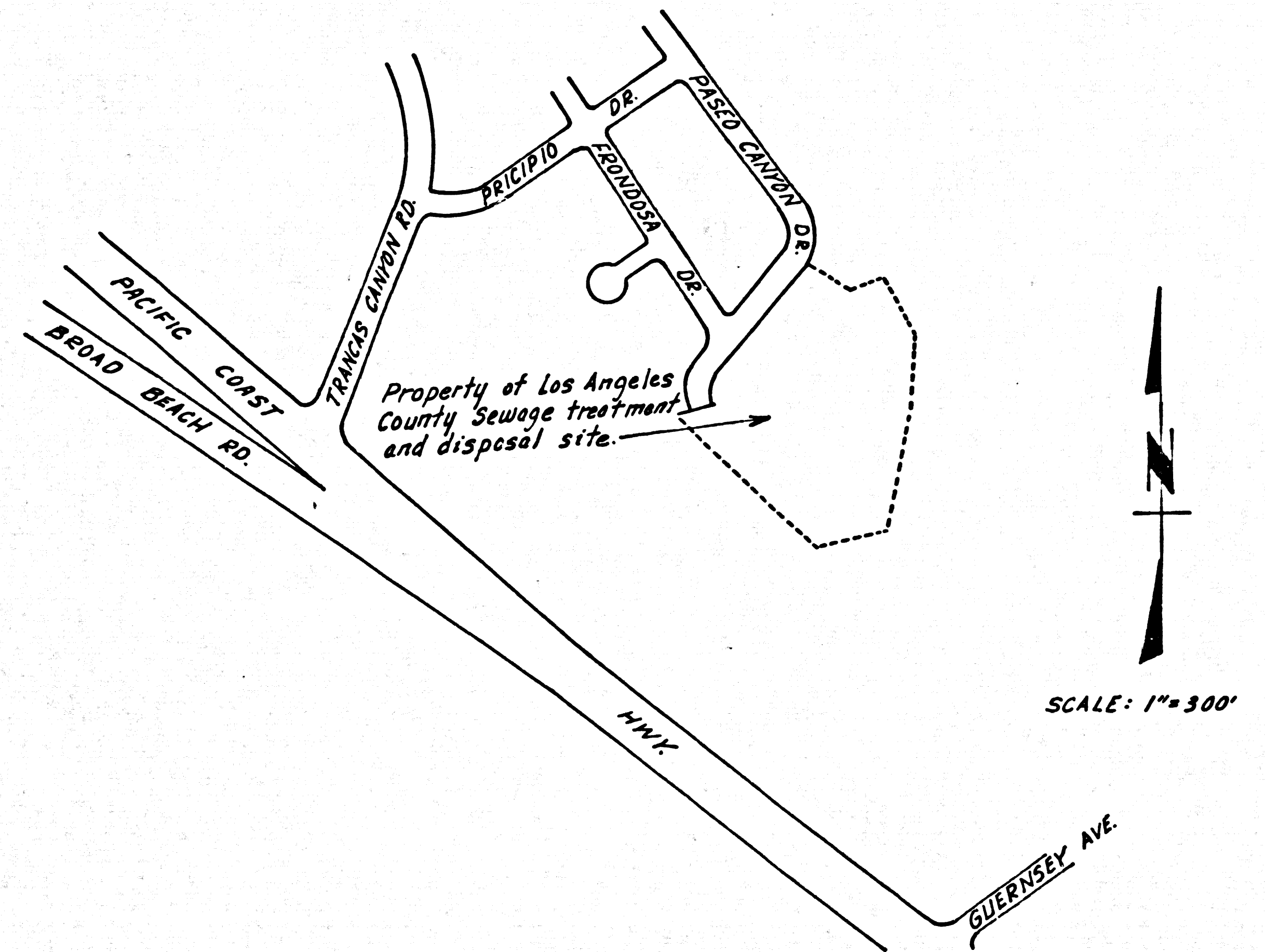
DETAIL OF M.H. BASE AT STA. 1+00  
 SCALE 3/4" = 1'-0"



NOTE  
 Contractor not to drive or  
 move any equipment over  
 existing Drain Fields

Contractor to remove and  
 replace 6\"/>

PLOT PLAN  
 SCALE: 1" = 40'



- NOTE
1. Contractor shall notify Mr Carl Pearson, County Sewer Maintenance Superintendent, Tel. 629-4147, Ext 81461 at least 24 hours before starting any work on this project.
  2. Removal of plants shall be done by others.
  3. All waste material resulting from this construction shall be hauled away by the Contractor to an approved dump at his own expense.

SANITATION DIVISION		
DATE: FEBRUARY, 1970	JOHN A. LAMBIE, LOS ANGELES COUNTY ENGINEER	JOB NO. 0530.00
DESIGN BY: <i>R. Lambie</i>	DEPARTMENT OF COUNTY ENGINEER	REF TO PC 6003-E
B.C.E. NO. 1721G		DRAWING PREPARED BY: TEN
APPROVED BY: CARL H. PEARSON	TRANCAS CANYON	DRAWING CHECKED BY: PLA
SEWER MAINTENANCE SUPERINTENDENT	S. M. D.	SCALE: AS SHOWN
APPROVED BY:	EXPANSION OF DISPOSAL FIELD	SHEET NO. 1 OF 2 SHEETS
ASSISTANT DIVISION ENGINEER		

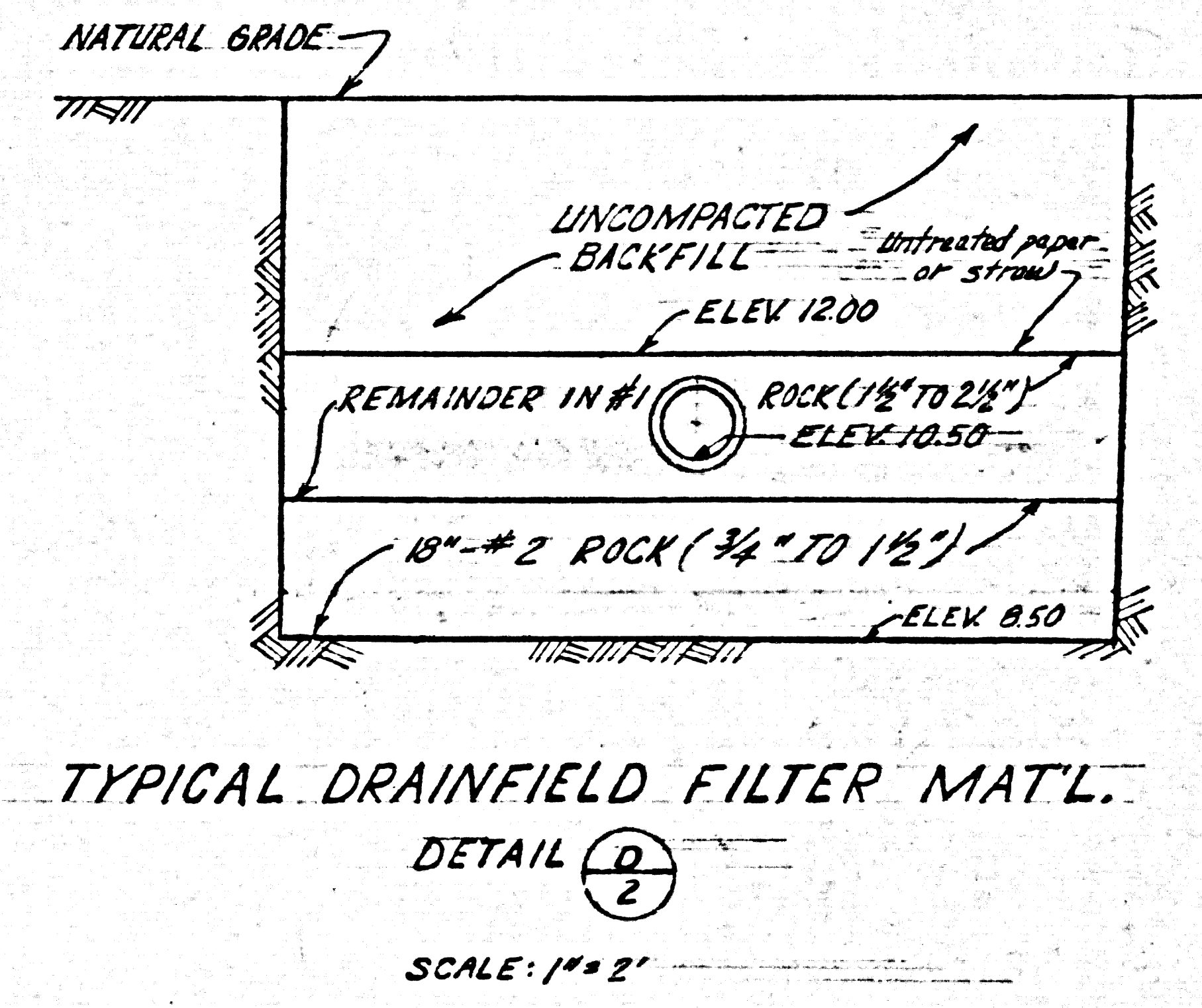
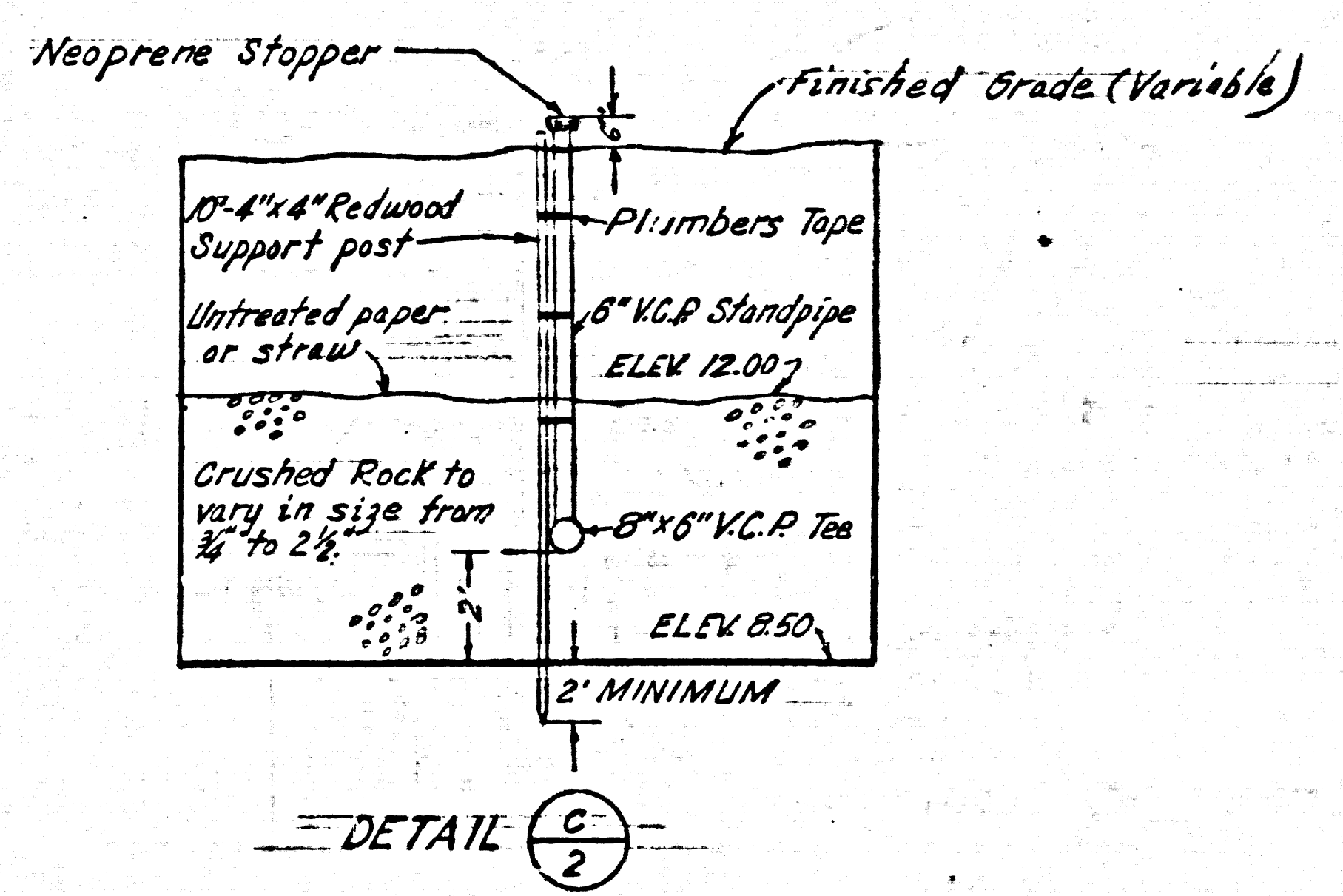
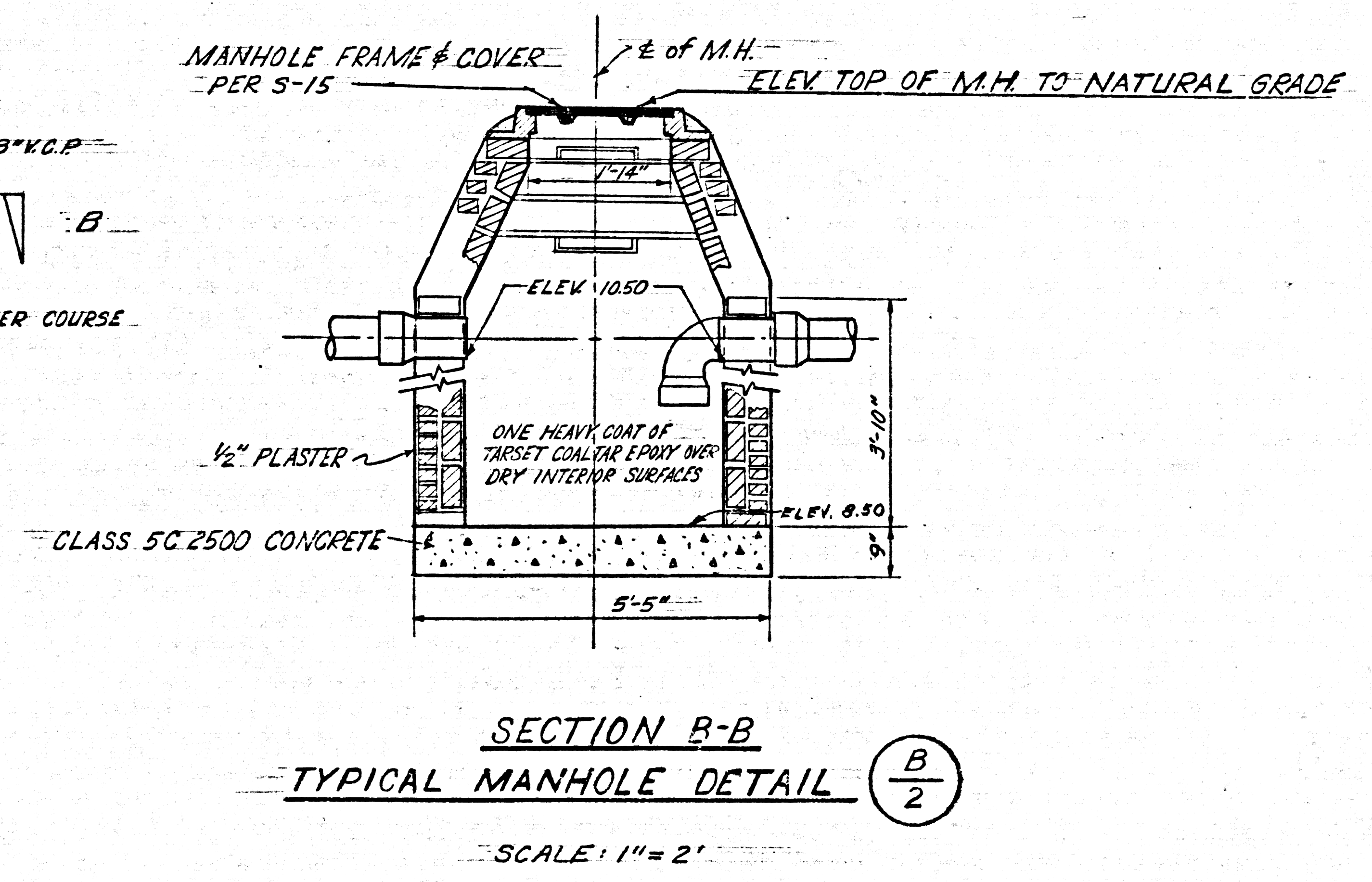
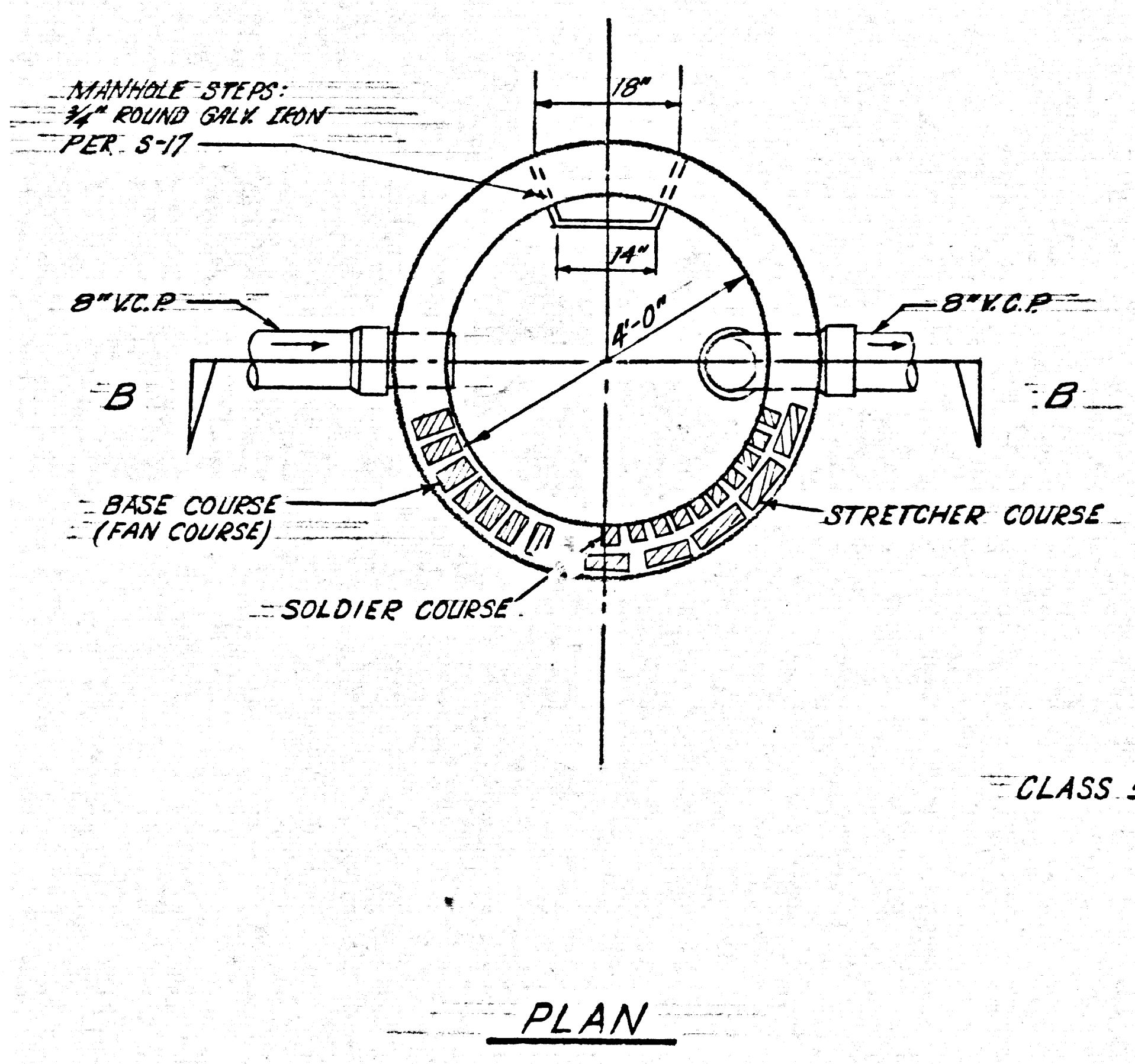
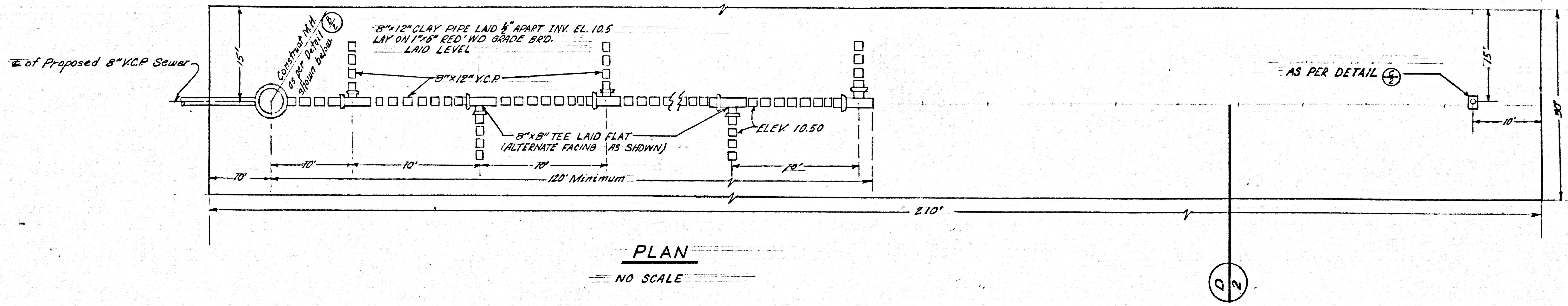
41919

PC 6003-E

PC 6003-E



PROPOSED DRAINFIELD



41920

SANITATION DIVISION		
DATE: FEBRUARY, 1970	JOHN A. LAMBIE, LOS ANGELES COUNTY ENGINEER	JOB NO. 0530.00
	DEPARTMENT OF COUNTY ENGINEER	REF TO P2.6003-E
	TRANCAS CANYON	DRAWING PREPARED BY: TEN
	S.M.D.	DRAWING CHECKED BY:
	EXPANSION OF DISPOSAL FIELD	SCALE: AS SHOWN
		SHEET NO. 2 OF 2 SHEETS