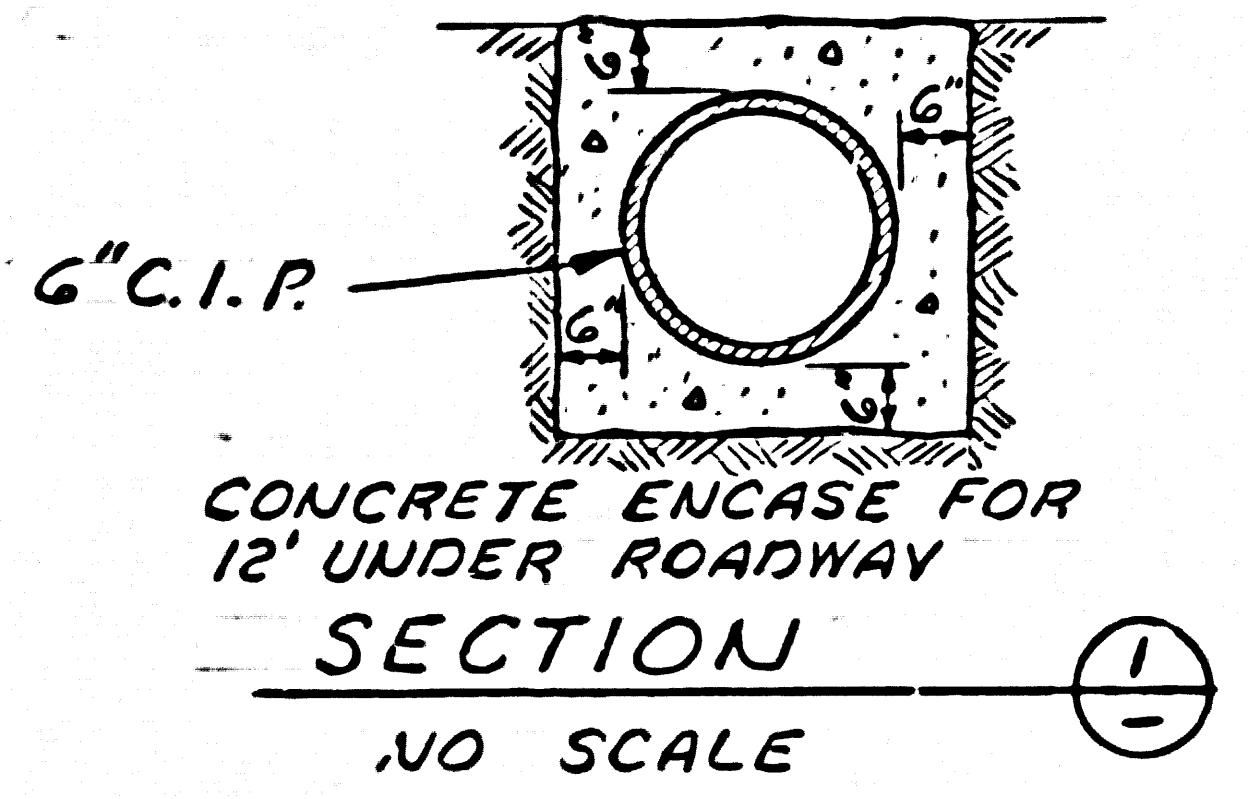
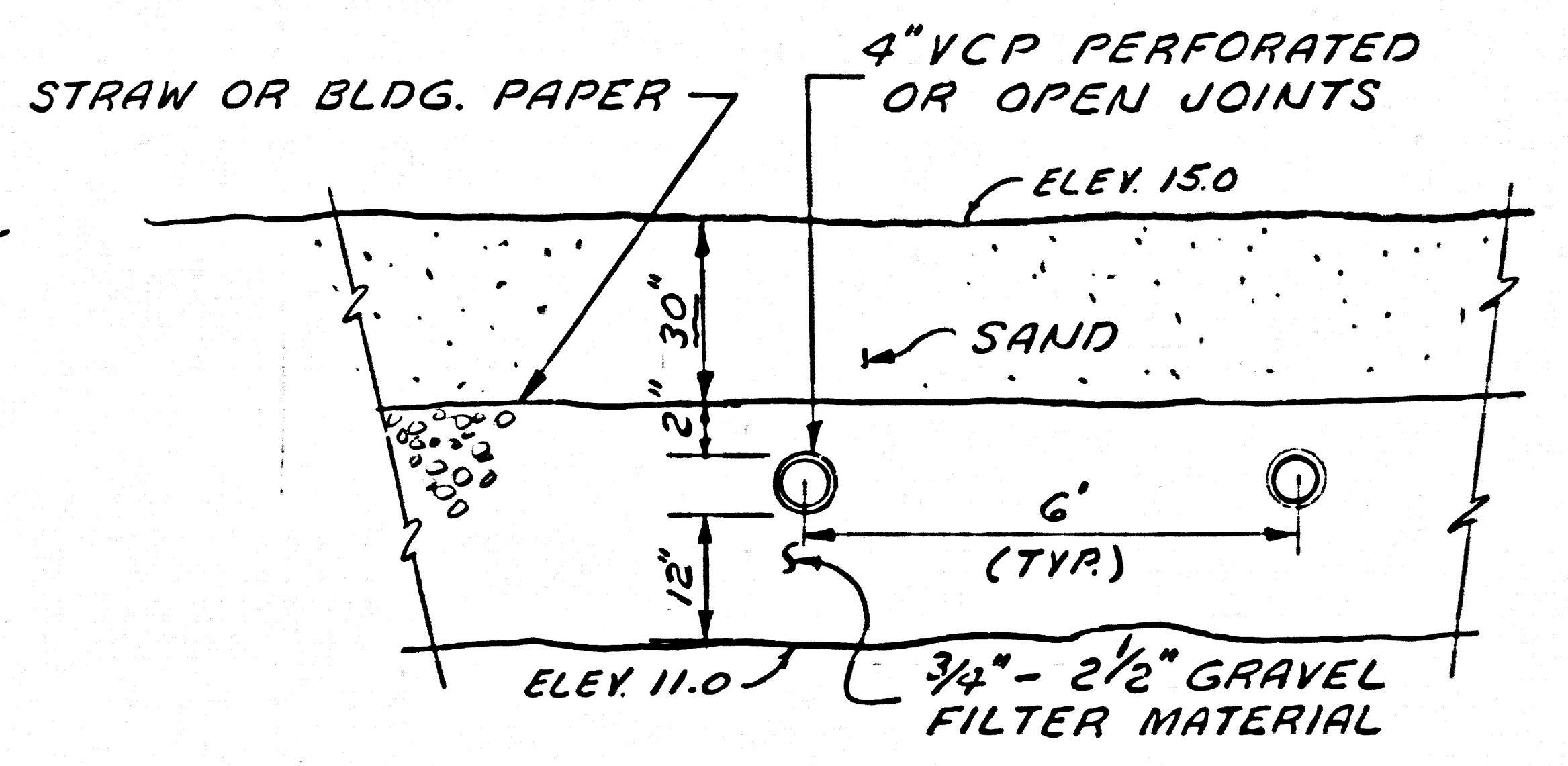
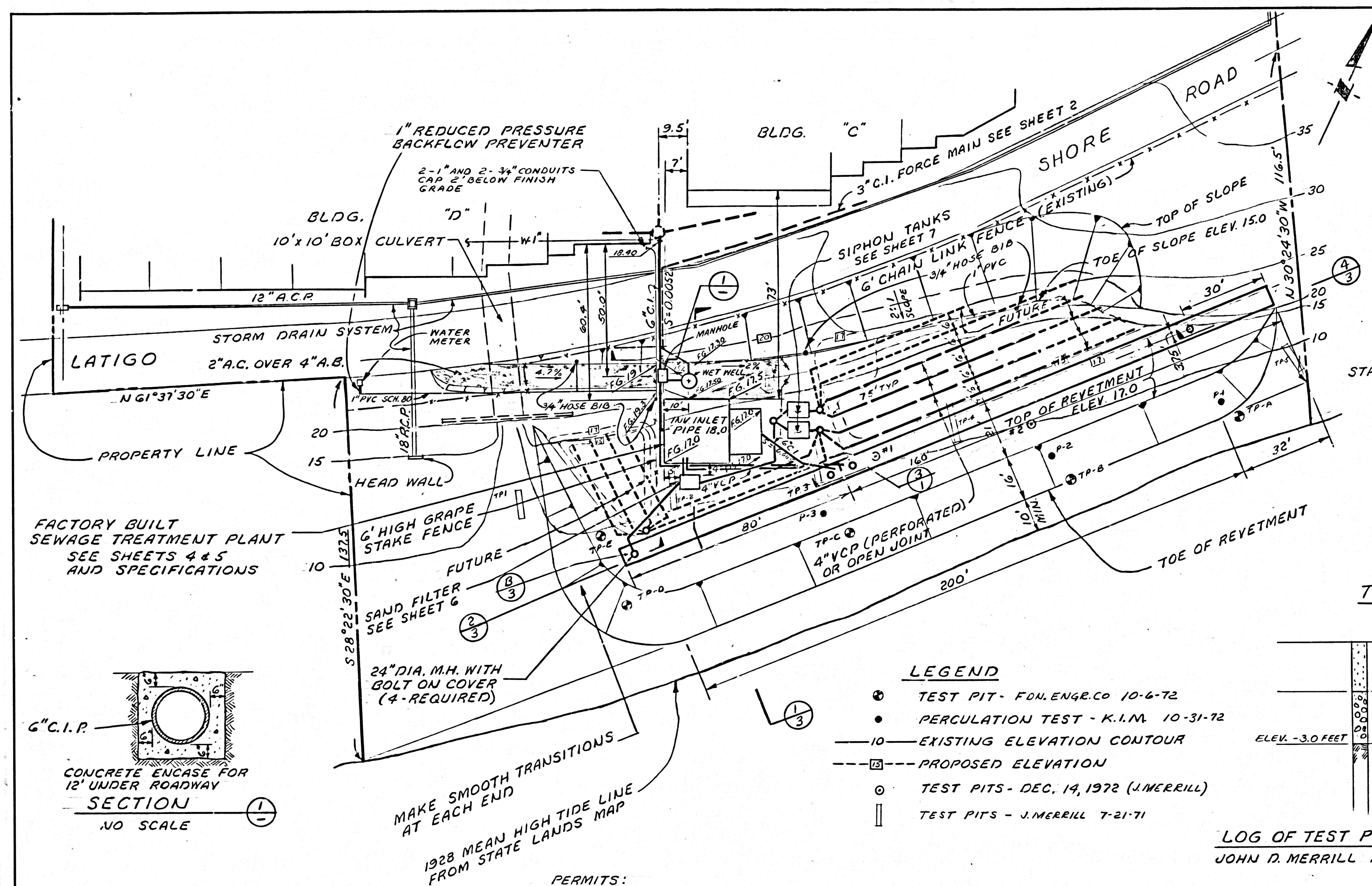
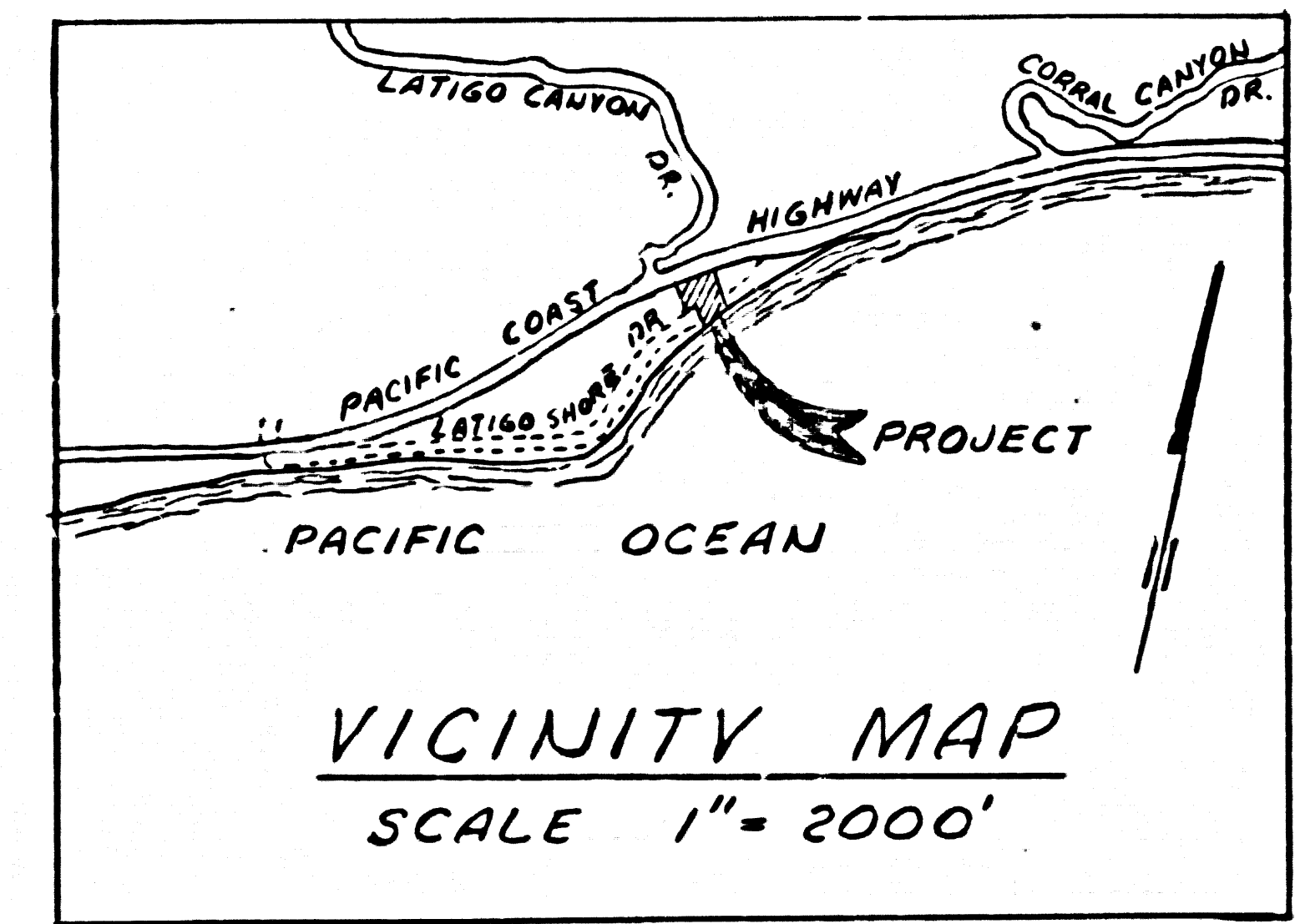
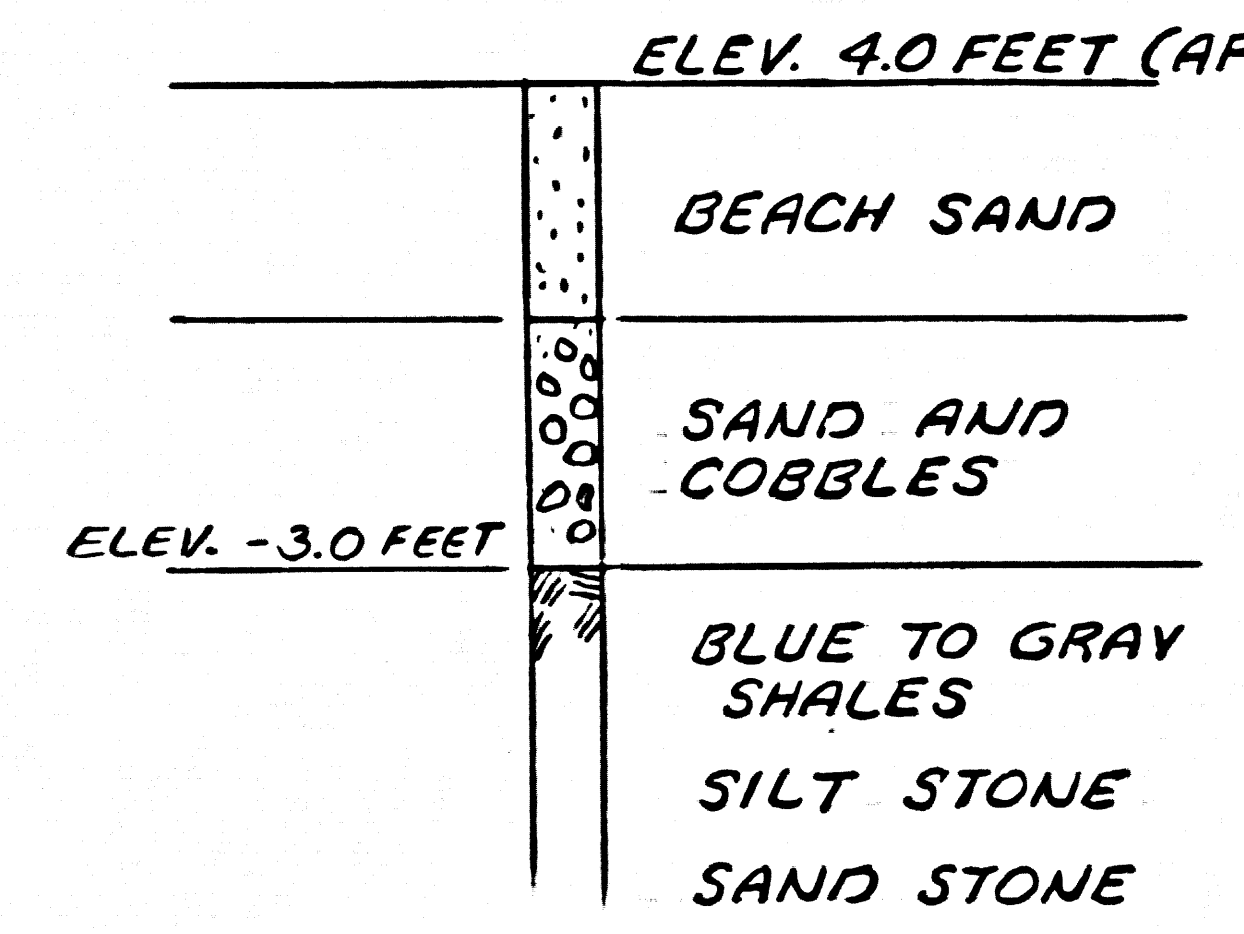


46,112



- LEGEND**
- TEST PIT - FOM ENGR. CO 10-6-72
  - PERCOLATION TEST - K.I.M. 10-31-72
  - 10 — EXISTING ELEVATION CONTOUR
  - 25 --- PROPOSED ELEVATION
  - TEST PITS - DEC. 14, 1972 (J.MERRILL)
  - || TEST PITS - J.MERRILL 7-21-71



REVISION NO. 1 DATE AUG. 30, 1973  
 LOCATE WET WELL ON SOUTH SIDE OF LATIGO SHORE ROAD, SEE SHT. 1, 2 & 3. CONNECT WATER SUPPLY TO METER ON SOUTH SIDE OF LATIGO SHORE ROAD, SEE SHEET 1.  
 APPROVED *Brian E. Stanton* 21096  
 OFFICE OF COUNTY ENGINEER/R.E. NO. 9-13-73

LOG OF TEST PITS 1 & 2  
 JOHN D. MERRILL DEC. 14, 1972

BENCH MARK: ELEV. III.170  
 L+BN AT N.W. CORNER DROP INLET NEAR PAC CO HIGHWAY 36' W/O LATIGO CANYON ROAD MKD "B.M."  
 MALIBU QUAD

ELEVATIONS ARE IN FEET ABOVE U.S.C & G.S. SEA LEVEL DATUM OF 1929.

**LIST OF DRAWINGS**

SHT. NO.	TITLE
1.	TREATMENT PLANT & LEACH FIELD SITE PLAN
2.	3" C.I. FORCE MAIN - PLAN & PROFILE
3.	SECTIONS AND DETAILS
4.	TREATMENT PLANT - PLAN
5.	TREATMENT PLANT - ELEVATION & DETAILS
6.	TERTIARY FILTER
7.	FLOW DIAGRAM

**PERMITS:**  
 THE CONTRACTOR SHALL OBTAIN THE FOLLOWING PERMITS AND PAY THE REQUIRED FEES BEFORE STARTING CONSTRUCTION ON ANY OF THE PHASES OF WORK LISTED BELOW:

- CONSTRUCTION & OPERATING PERMIT: L.A. COUNTY AIR POLLUTION CONTROL DISTRICT
- CONSTRUCTION PERMIT: L.A. COUNTY ENGINEER, SANITATION DIVISION
- GRADING PERMIT L.A. COUNTY ENGINEER BUILDING & SAFETY
- ELECTRICAL PERMIT
- PLUMBING PERMIT

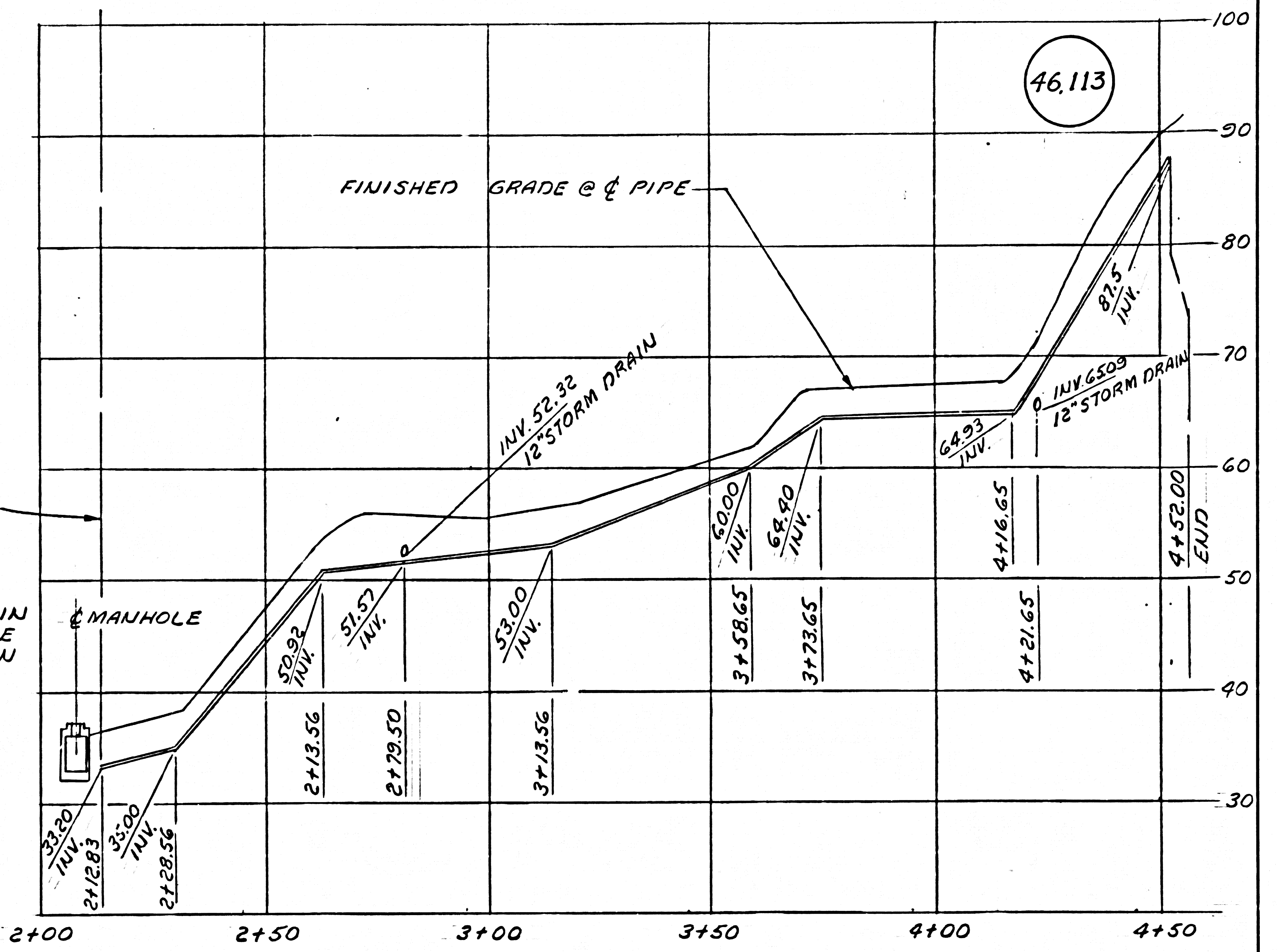
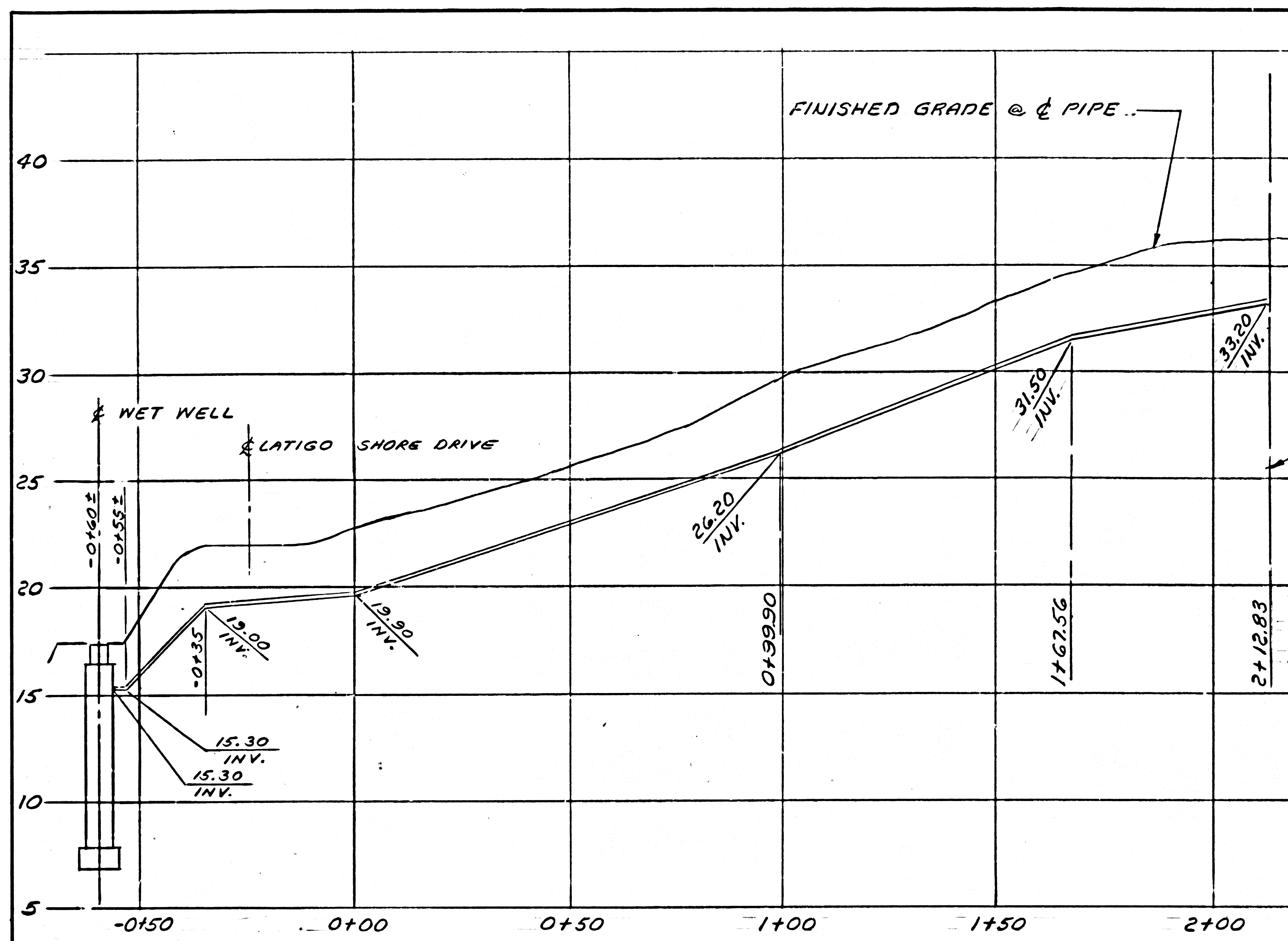
NO CONSTRUCTION PERMIT SHALL BE ISSUED FOR THIS SEWAGE DISPOSAL SYSTEM UNTIL THE FOLLOWING CONDITIONS HAVE BEEN MET:

- A GRADING PERMIT MUST BE OBTAINED
- BOND AGREEMENT FOR SITE RESTORATION (PER COURT DECISION OF 11-20-72) HAS BEEN EXECUTED.
- A MAINTENANCE & OPERATION MANUAL HAS BEEN SUBMITTED BY THE ENGINEER & APPROVED BY THE COUNTY ENGINEER AND HEALTH DEPARTMENTS.

**NOTE:** AFTER FILLING THE LEACH FIELD AREA AND BEFORE CONSTRUCTION OF THE LEACH BEDS, THE CONTRACTOR SHALL ARRANGE TO HAVE PERCOLATION TESTS CONDUCTED. THE NUMBER, METHOD, AND LOCATION SHALL BE AS APPROVED BY THE COUNTY HEALTH DEPARTMENT.

APPROVED: _____	DATE _____	REV. DATE	DESCRIPTION	SCALE 1" = 20'	DESIGNED L.B.M.	DRAWN W.F.B.	CHECKED KIM	9692	9-28-72	SHEET 1
			8-30-73 REV. WET WELL LOCATION						KENNETH I. MULLEN CONSULTING ENGINEER ARCADIA • VENTURA, CALIFORNIA	OF 7 SHEETS
			12-4-72 CHECK SHEET 12-12-72							
			12-1-72 ADD SAND FILTER & RCP							
			11-3-72 ADD 1928 MHT							
			11-1-72 REVISE REVELMENT							
			10-19-72 REVISE LOCATION OF DISPOSAL FIELD							
			REV. DATE							



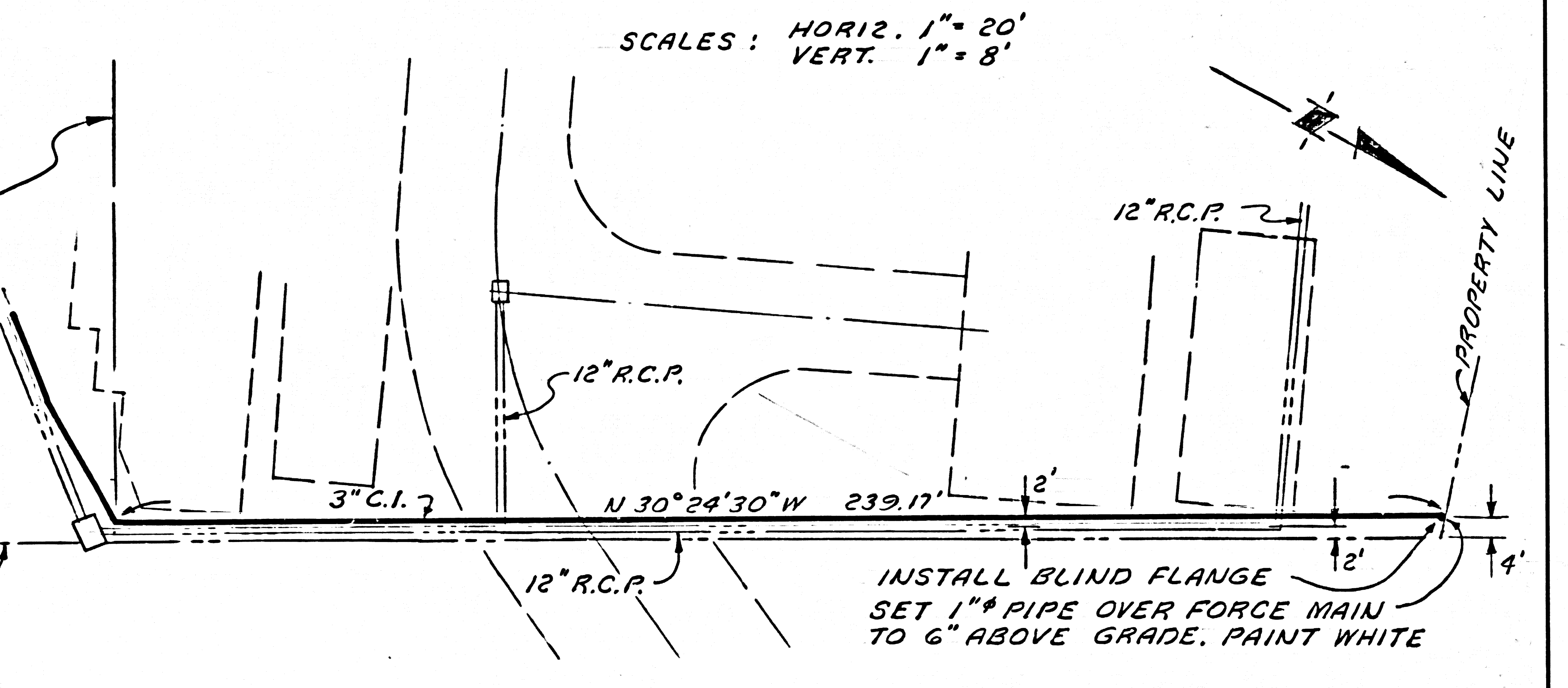
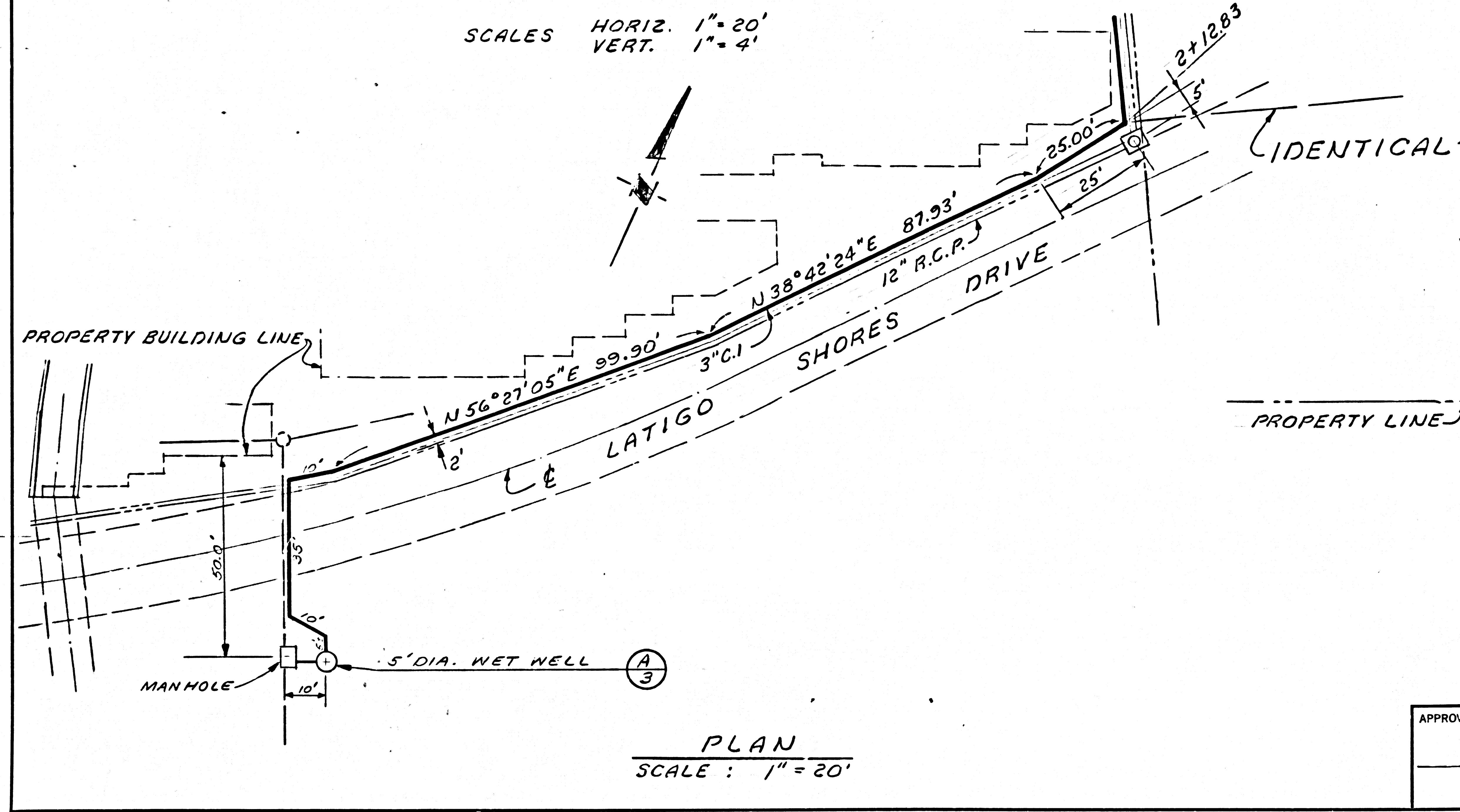


IDENTICAL

NOTE:  
INVERT OF FORCE MAIN  
@ APPROXIMATELY SAME  
ELEV. AS STORM DRAIN

SCALES HORIZ. 1" = 20'  
VERT. 1" = 4'

SCALES: HORIZ. 1" = 20'  
VERT. 1" = 8'



PLAN  
SCALE: 1" = 20'

PLAN  
SCALE: 1" = 20'

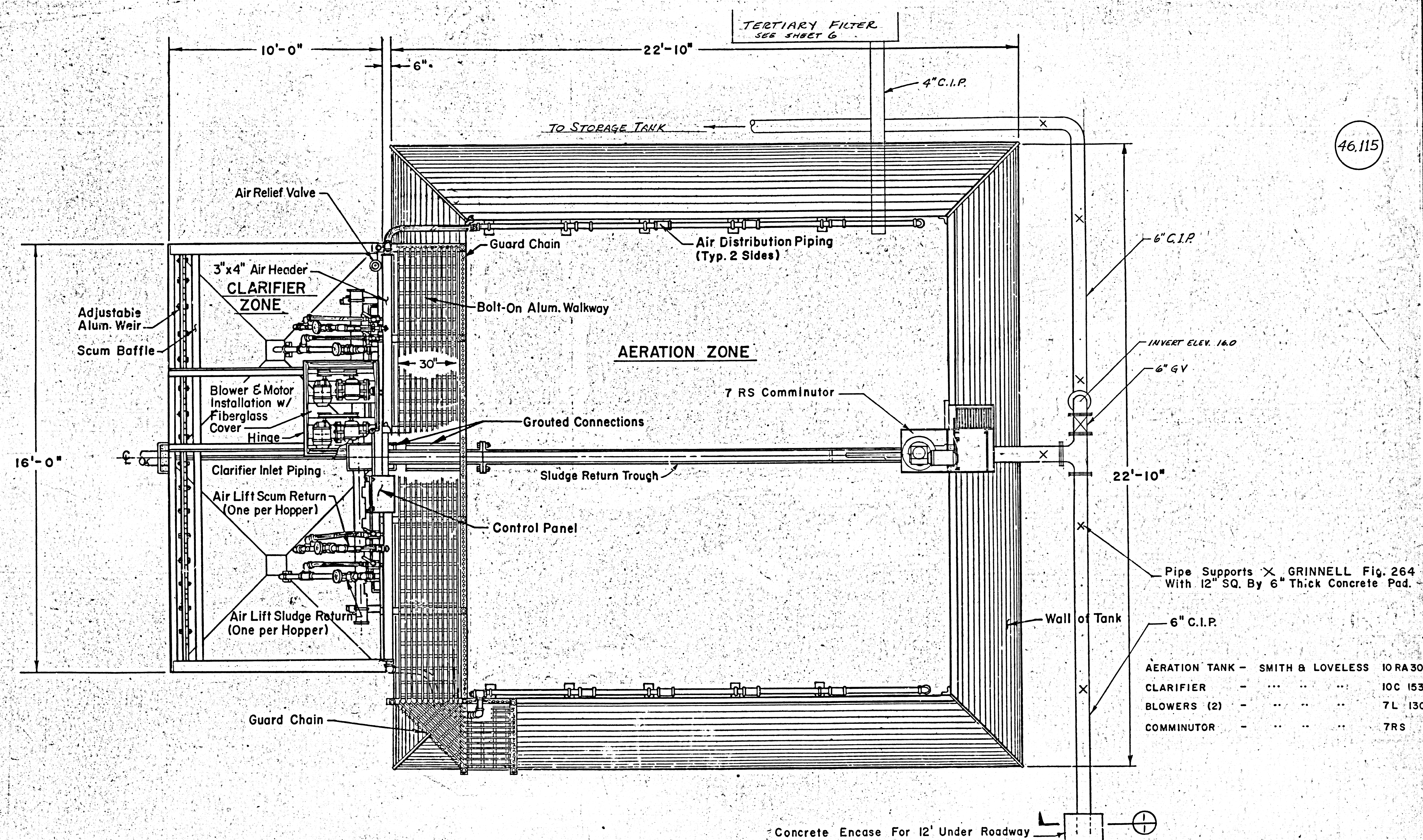
<b>THE LATIGO</b>		9692		R.C.E. No.	DATE	SHEET
WASTE WATER DISPOSAL FACILITIES		3" C.I. FORCE MAIN - PLAN & PROFILE		KIM		2
DESIGNED LBM		DRAWN WFB		CHECKED KIM		7
KENNETH I. MULLEN		CONSULTING ENGINEER		ARCADIA • VENTURA, CALIFORNIA		SHEETS

APPROVED:	DATE:		
REV. 8-30-73	DATE	REV. WET WELL LOCATION	DESCRIPTION









46.115

AERATION TANK -	SMITH & LOVELESS	10 RA 30
CLARIFIER -	...	10C 153
BLOWERS (2) -	...	7L 130
COMMUNOTOR -	...	7RS

Concrete Encase For 12' Under Roadway

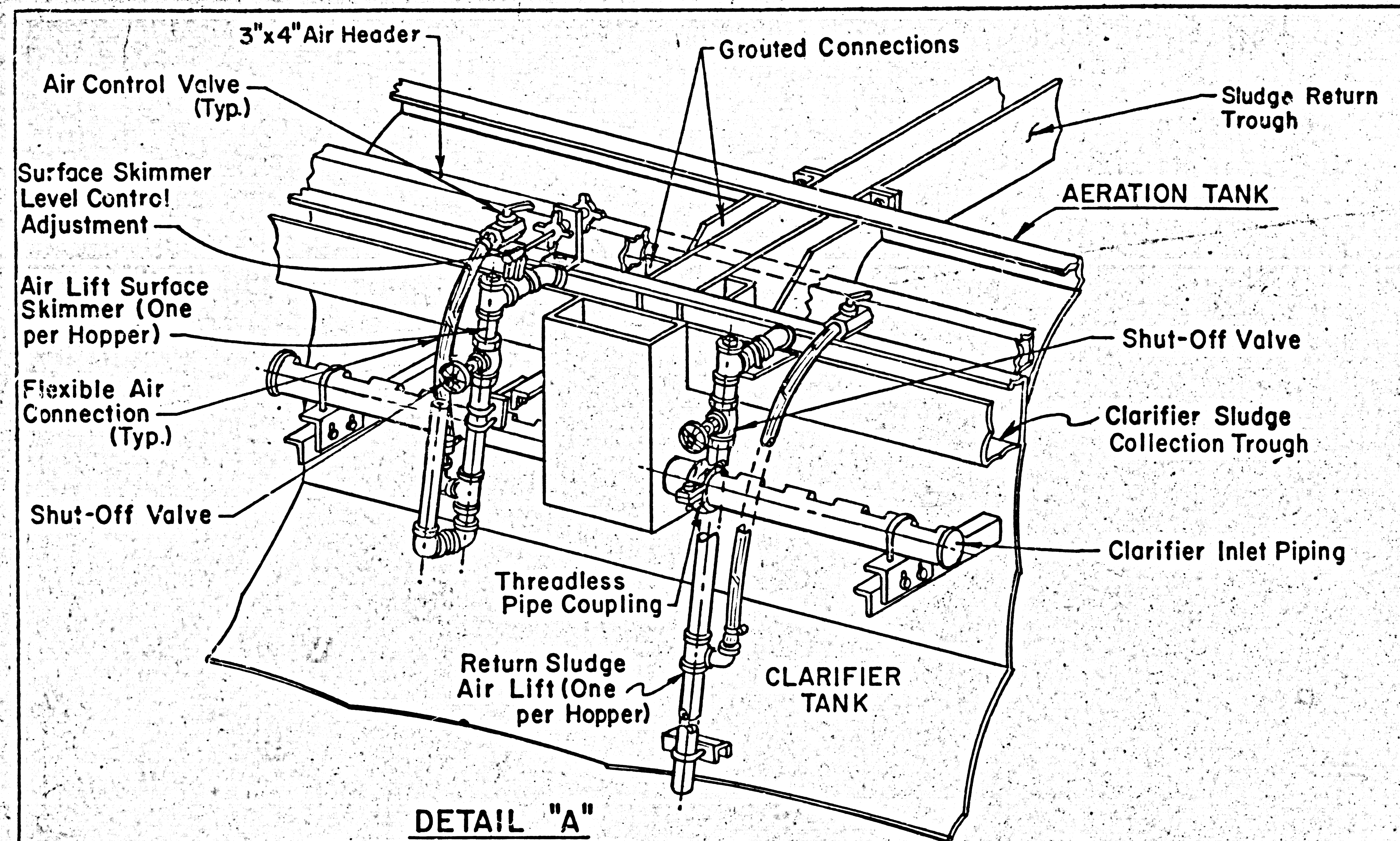
**THE LATIGO**

WASTE WATER DISPOSAL FACILITIES  
TREATMENT PLANT - PLAN

APPROVED _____	DATE _____			SCALE NONE	DESIGNED LBM	DRAWN WFB	CHECKED KIM
				<b>KIM</b>		KENNETH I. MULLEN CONSULTING ENGINEER ARCADIA - VENTURA, CALIFORNIA	

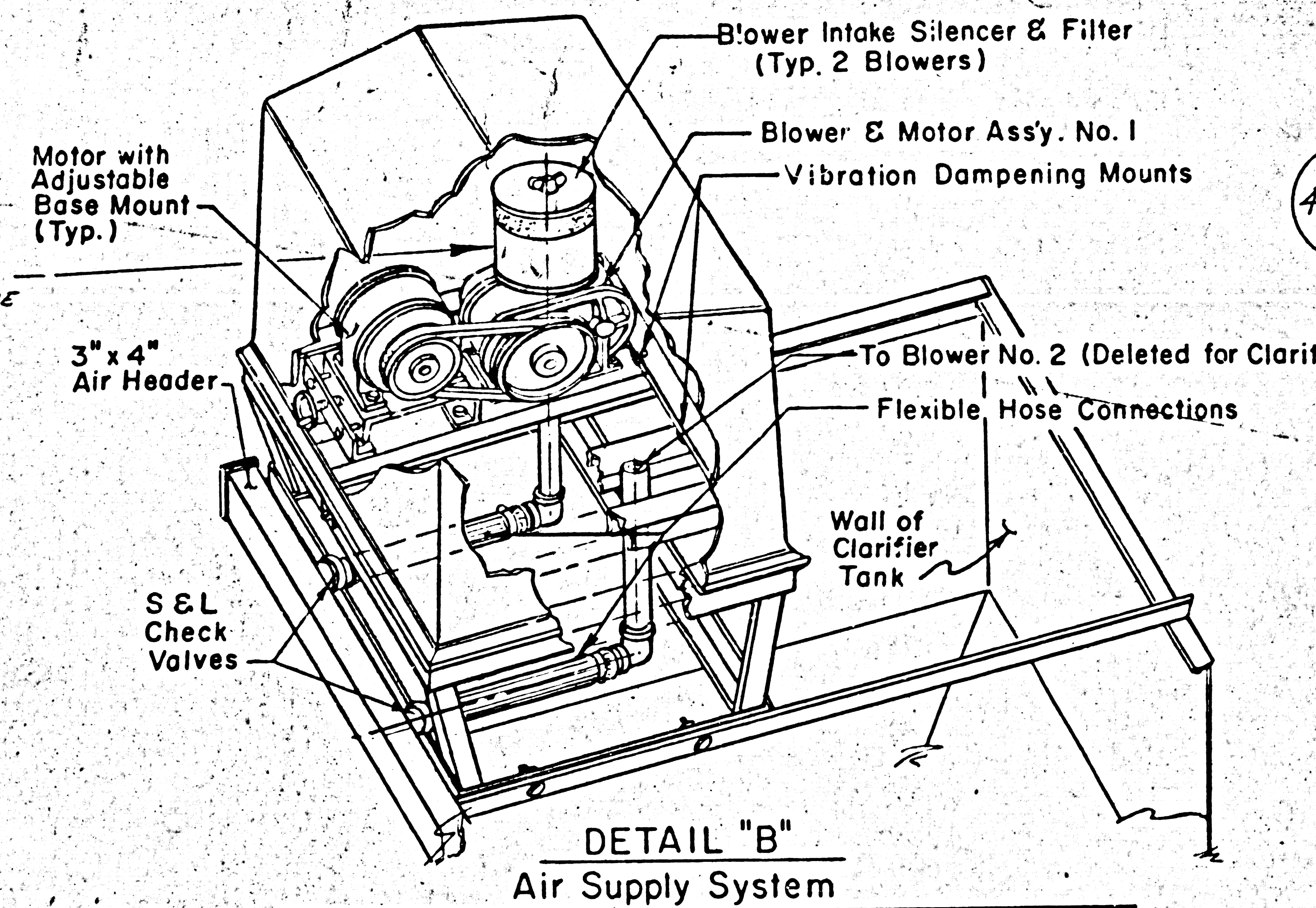
SHEET 4 OF 7 SHEETS



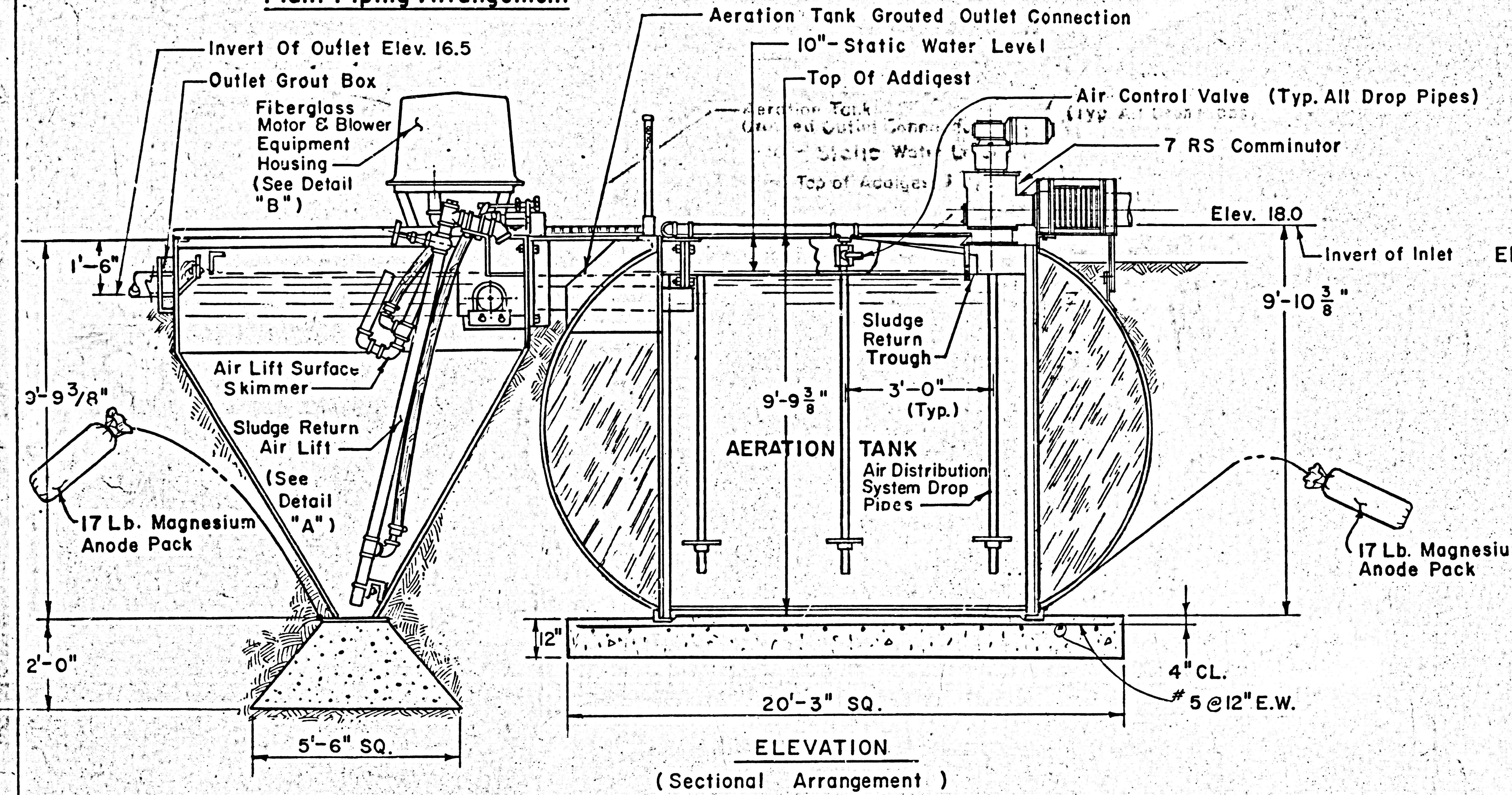


**DETAIL "A"**  
Plant Piping Arrangement

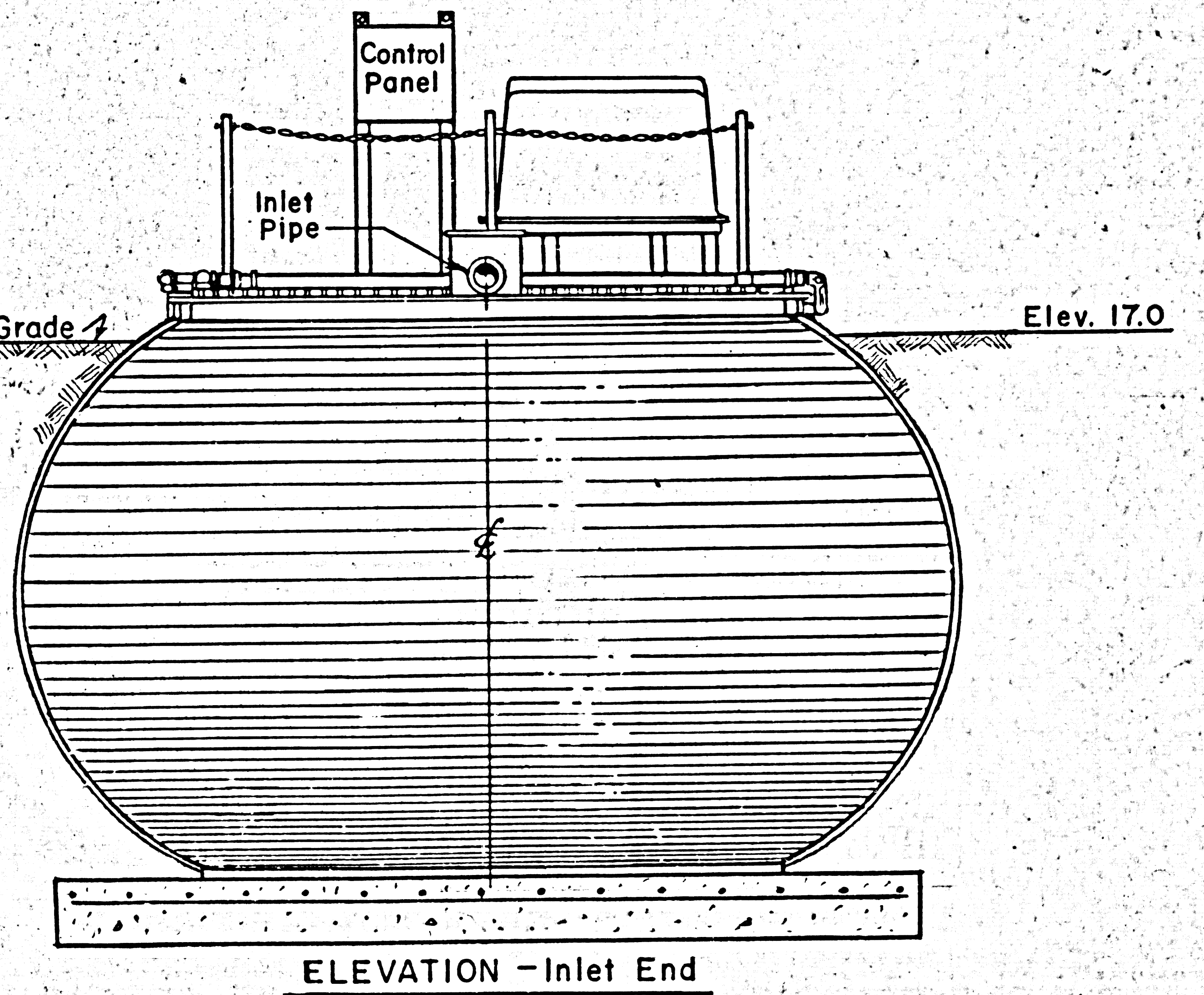
**NOTE**  
INSTALL 3" TEE IN INTAKE AND  
INSTALL 3" PVC AIR INTAKE LINE  
TO EAST STORAGE TANK



**DETAIL "B"**  
Air Supply System



**ELEVATION**  
(Sectional Arrangement)



**ELEVATION - Inlet End**

**THE LATIGO**

WASTE WATER DISPOSAL FACILITIES  
TREATMENT PLANT-ELEVATION & DETAILS

*Kenneth I. Mullen* 9692 12/1/62  
R.C.E. No. 1076

**KIM** KENNETH I. MULLEN  
CONSULTING ENGINEER  
ARCADIA - VENTURA, CALIFORNIA

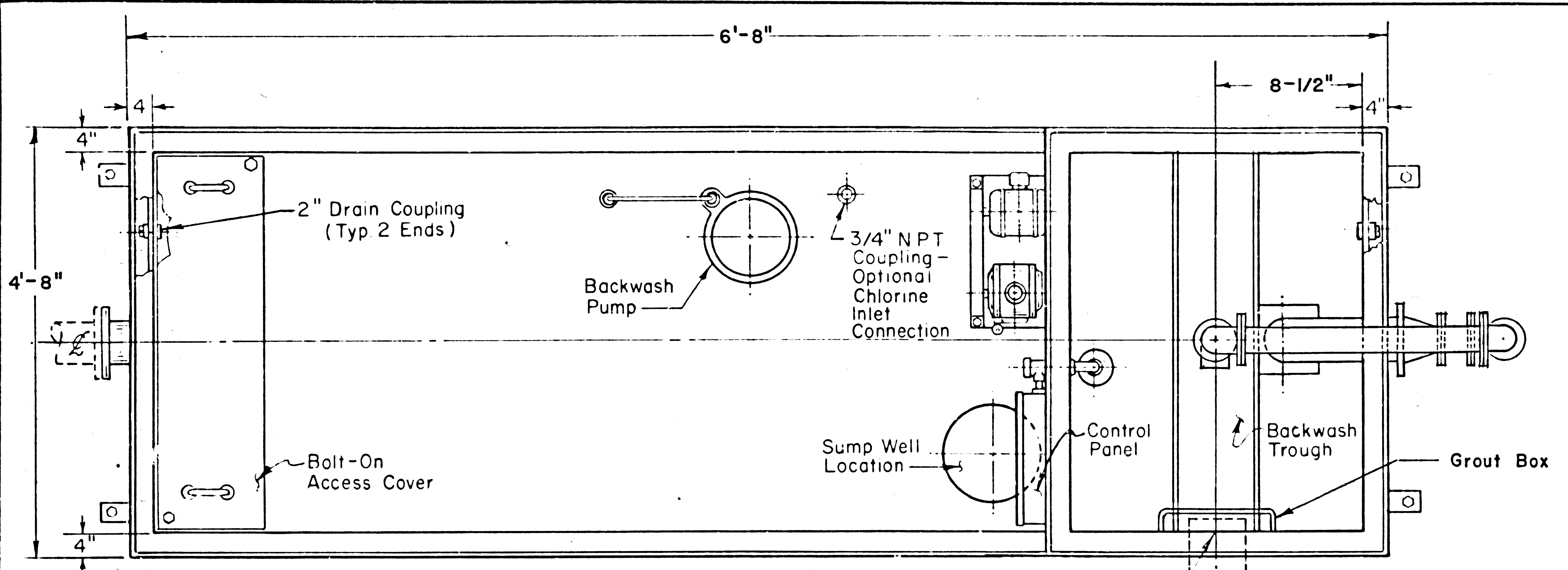
SHEET 5  
OF 7 SHEETS

APPROVED	DATE				
REV.	DATE	DESCRIPTION	CHECKED	KIM	

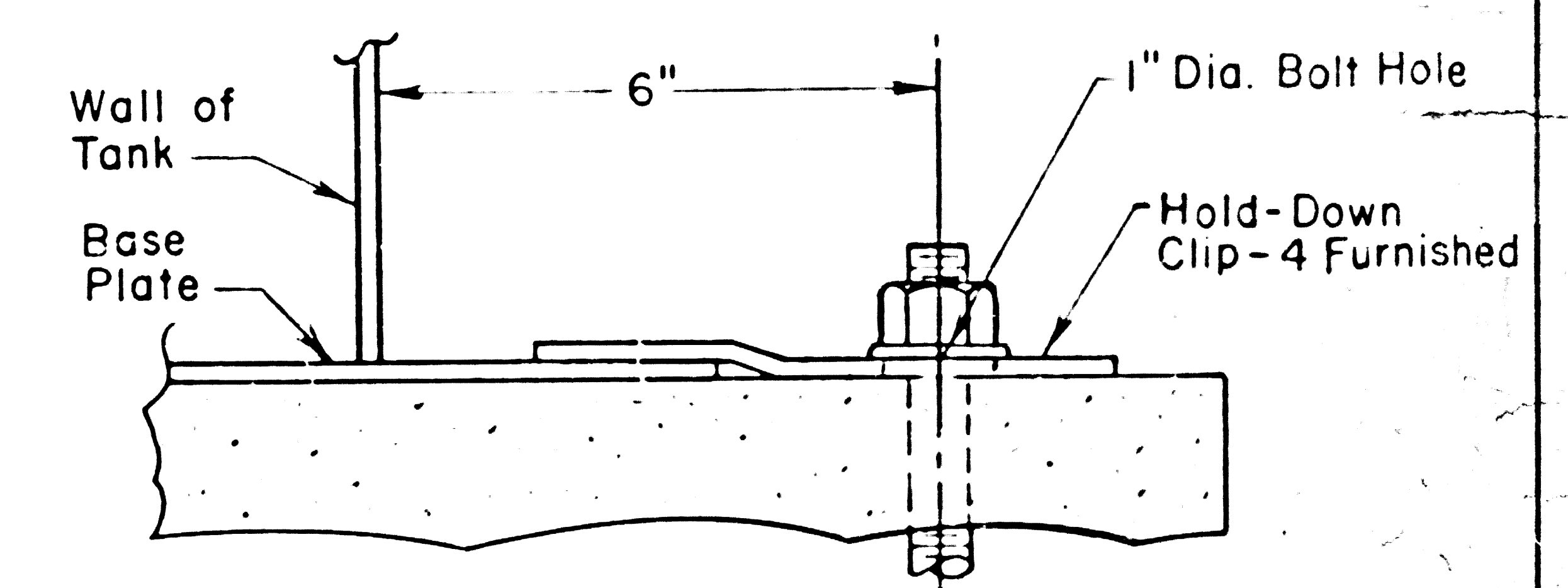
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DESIGNED LBM  
DRAWN WFB  
CHECKED KIM



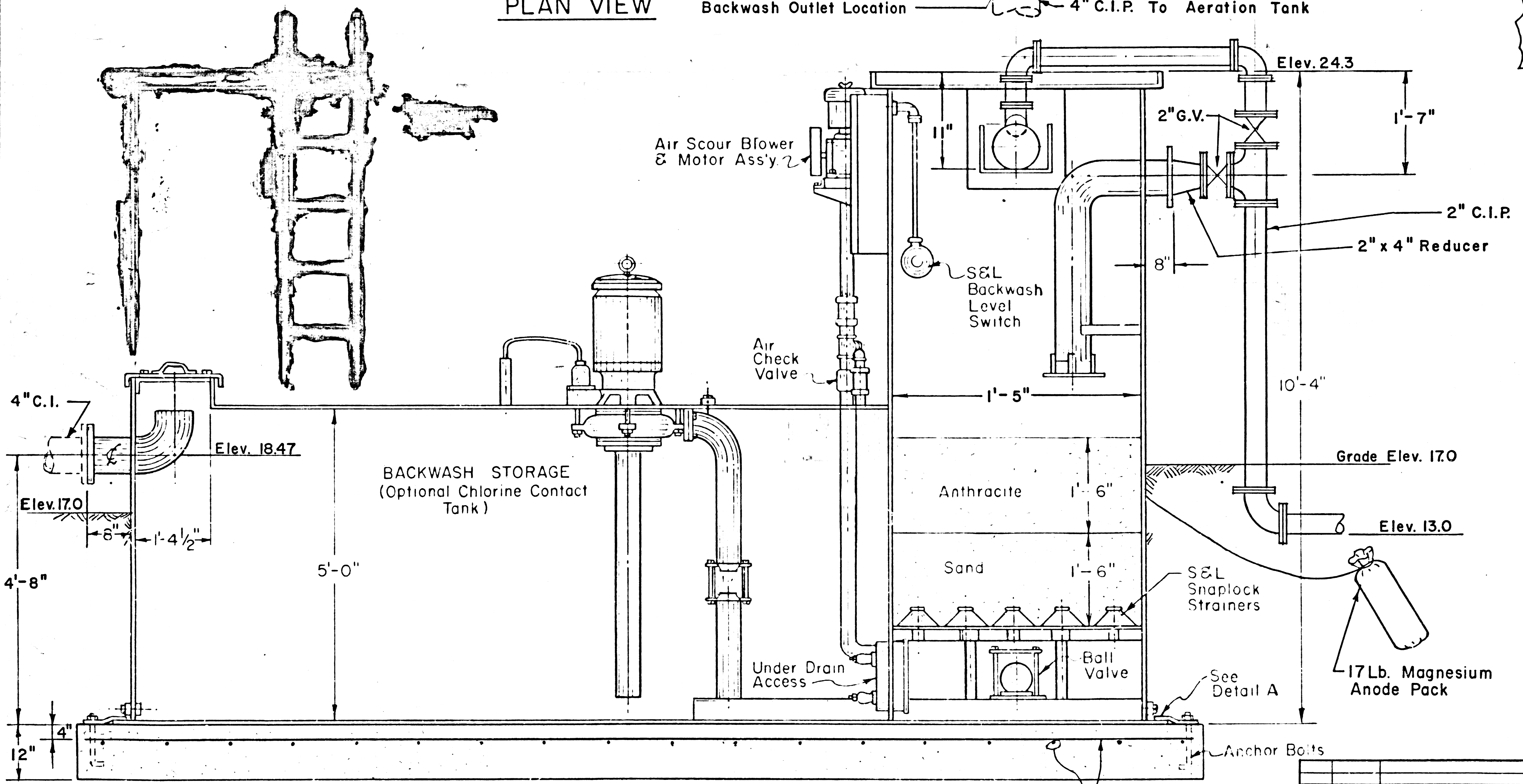
46,117



PLAN VIEW Backwash Outlet Location — 4" C.I.P. To Aeration Tank



DETAIL A  
SEE INSTALLATION INSTRUCTIONS



SECTIONAL ELEVATION

TERTIARY FILTER TO BE SMITH & LOVELESS MODEL DR-5 OR APPROVED EQUAL 30,000 GPD CAPACITY.

REV.	DATE	DESCRIPTION

**THE LATIGO**  
WASTE WATER DISPOSAL FACILITIES  
TERTIARY FILTER

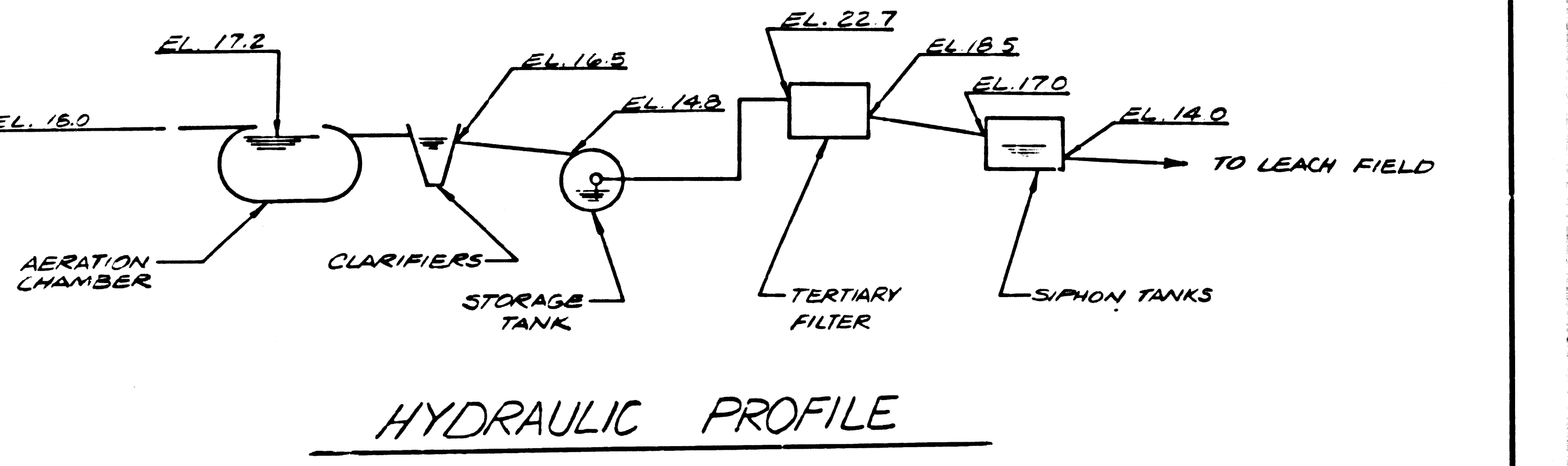
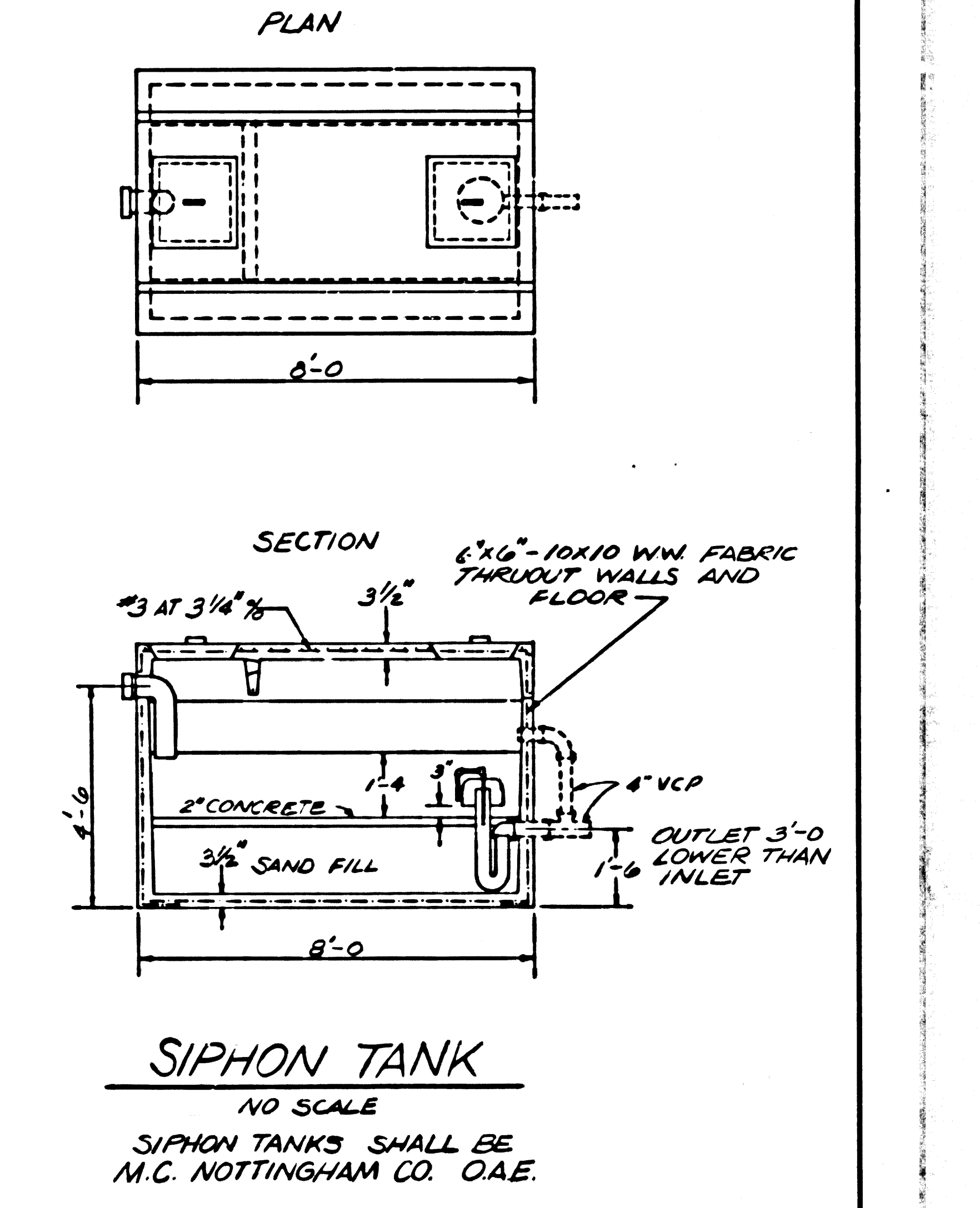
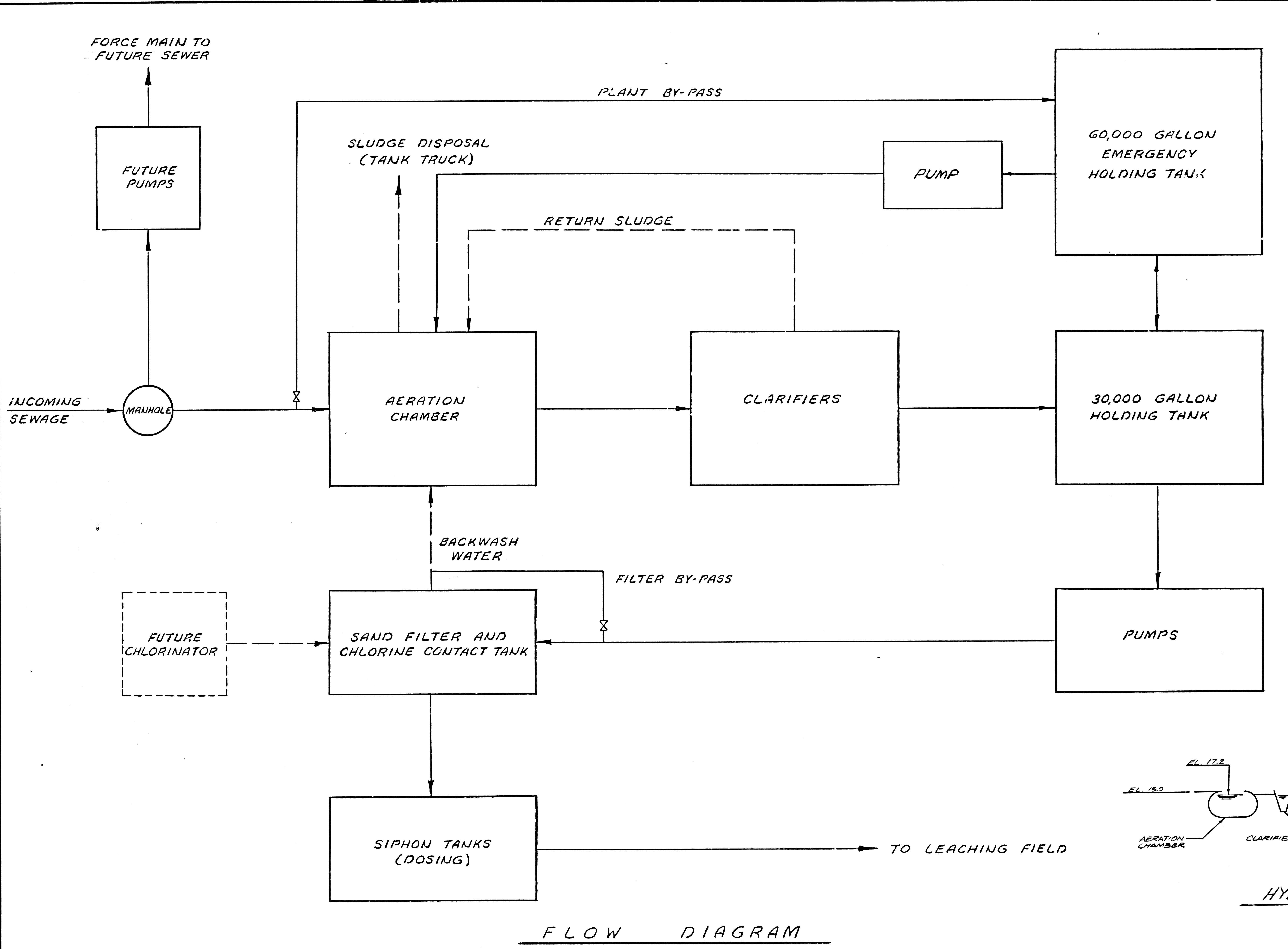
SCALE NONE  
DESIGNED LBM  
DRAWN WFB  
CHECKED KIM

9692  
R.C.E. No. DATE  
KIM  
KENNETH I. MULLEN  
CONSULTING ENGINEER  
ARCADIA - VENTURA, CALIFORNIA

SHEET 6  
OF 7 SHEETS



46,118



FLOW DIAGRAM

**THE LATIGO**

WASTE WATER DISPOSAL FACILITIES  
FLOW DIAGRAM

APPROVED: _____	DATE _____	SCALE NONE		9692 R.C.E. No. _____ DATE 1/7/62 <b>KENNETH I. MULLEN</b> CONSULTING ENGINEER ARCADIA • VENTURA, CALIFORNIA	SHEET 7
DESIGNED LBM		DRAWN WFB			OF 7 SHEETS
CHECKED KIM					
REV. DATE DESCRIPTION					

832