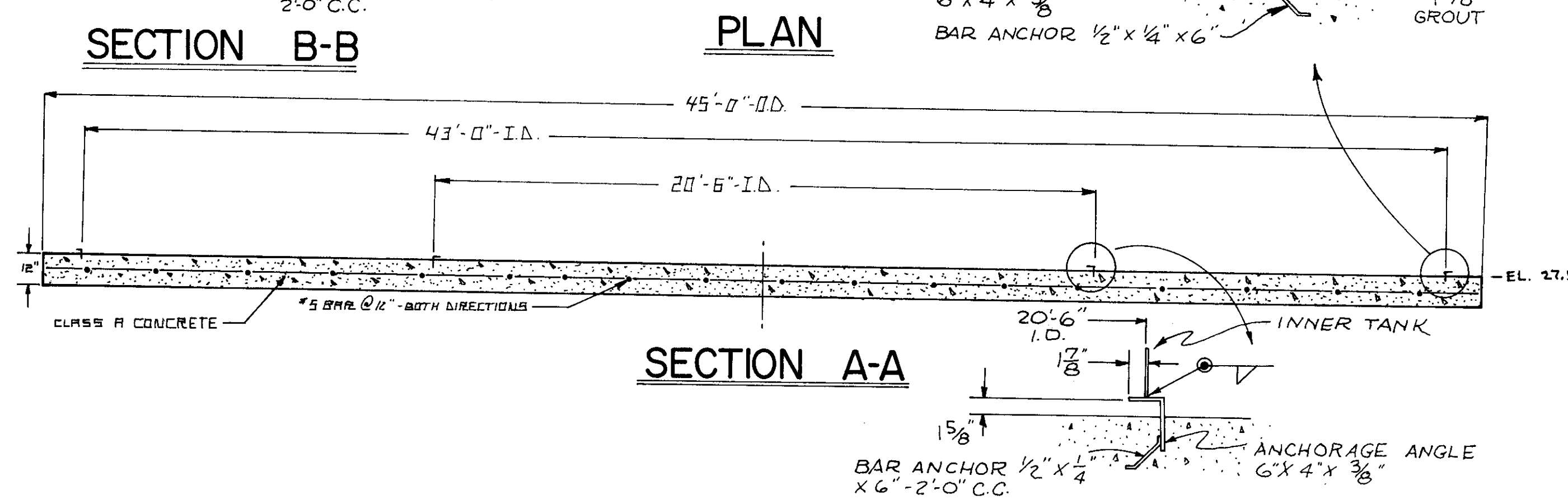
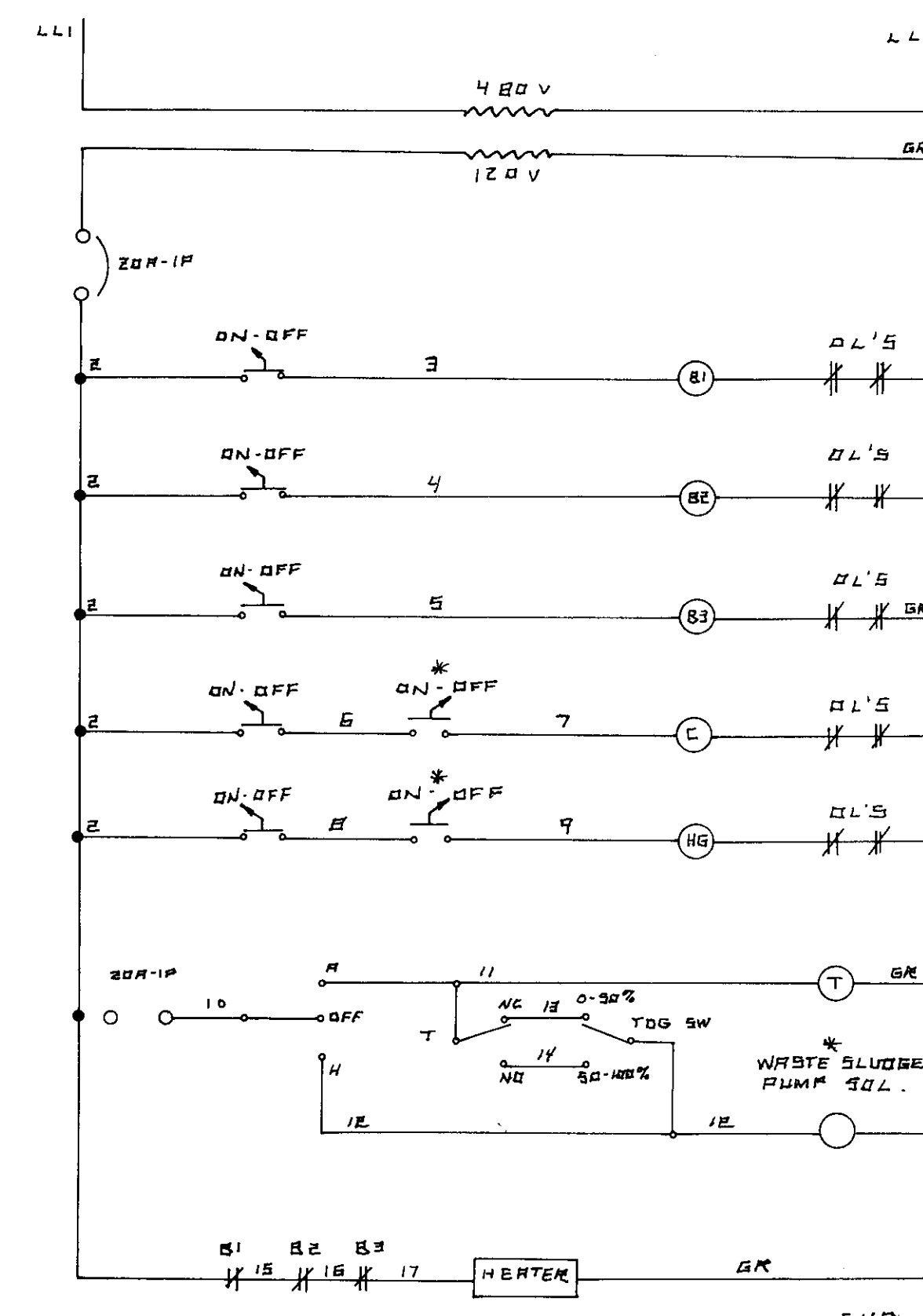
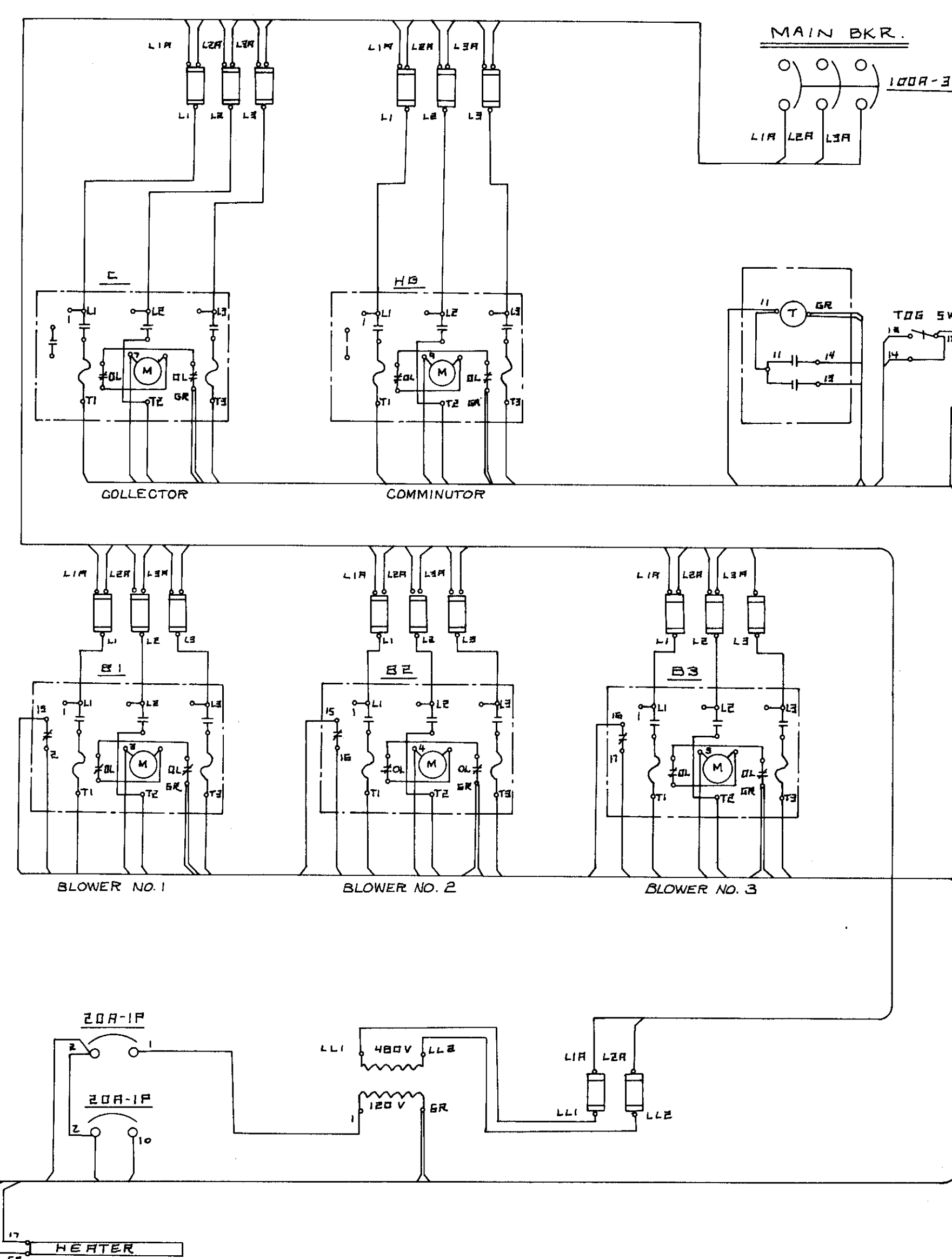


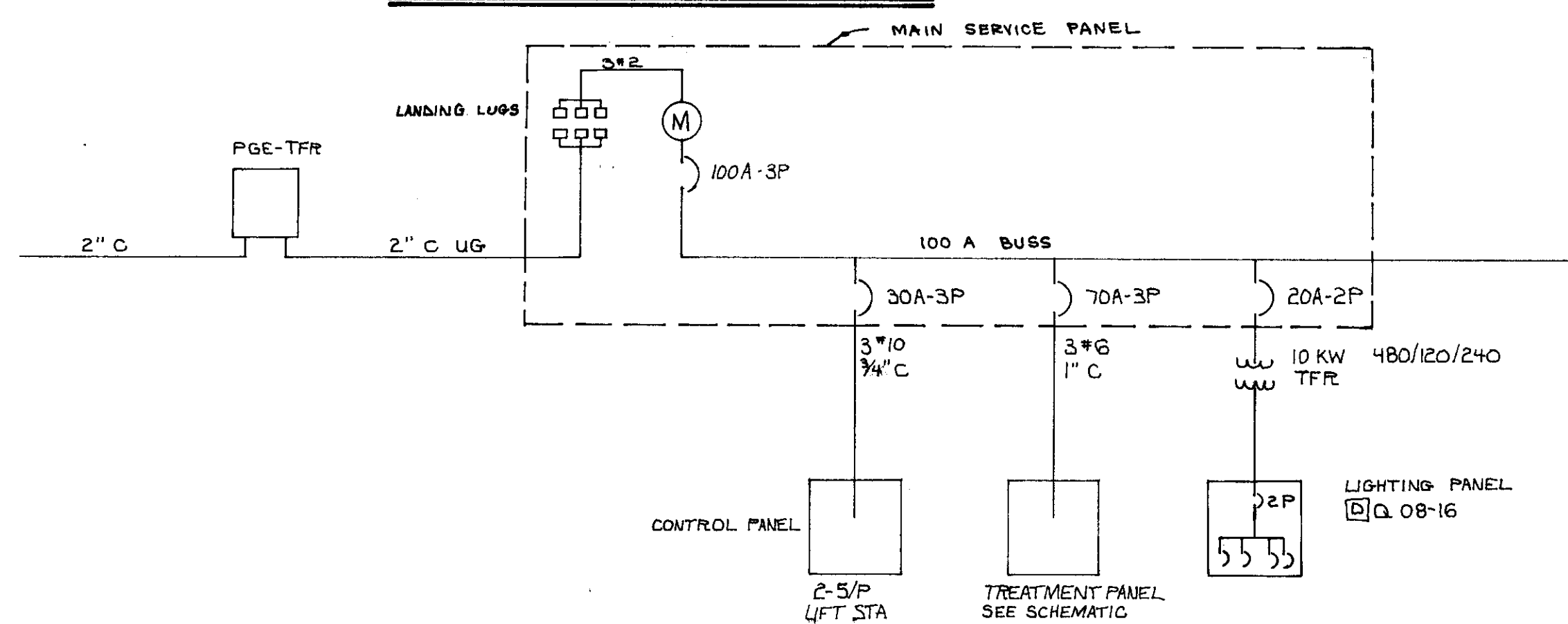


SHEET
14



DENOTES REMOTE MTD. DEVICE

1. All wiring shall be in conduit w/ #12 wire min., except for controls maybe #14.
2. System to be 480/3 ϕ 60 cycle.
3. Provide seal off each conduit leaving hazardous area.
4. All disconnects at Sewage Treatment and pumps to be explosion proof.
5. Provide concrete transformer pad and 2" conduit to pole on Waterloo Road. Refer to P.G. & E. for requirements. See Site Plan on Sheet 9

[illegible]

APPROVED Nov. 22 1977

revisions			
no.	description	date	by

date	by
------	----



WONG ENGINEERS
PLANNING • ENGINEERING • SURVEYING
STOCKTON, CALIFORNIA

R.C.E. No. 14269

date SEPT, 1977

scale NONE

drawn D.R.K.

design

check

SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 48

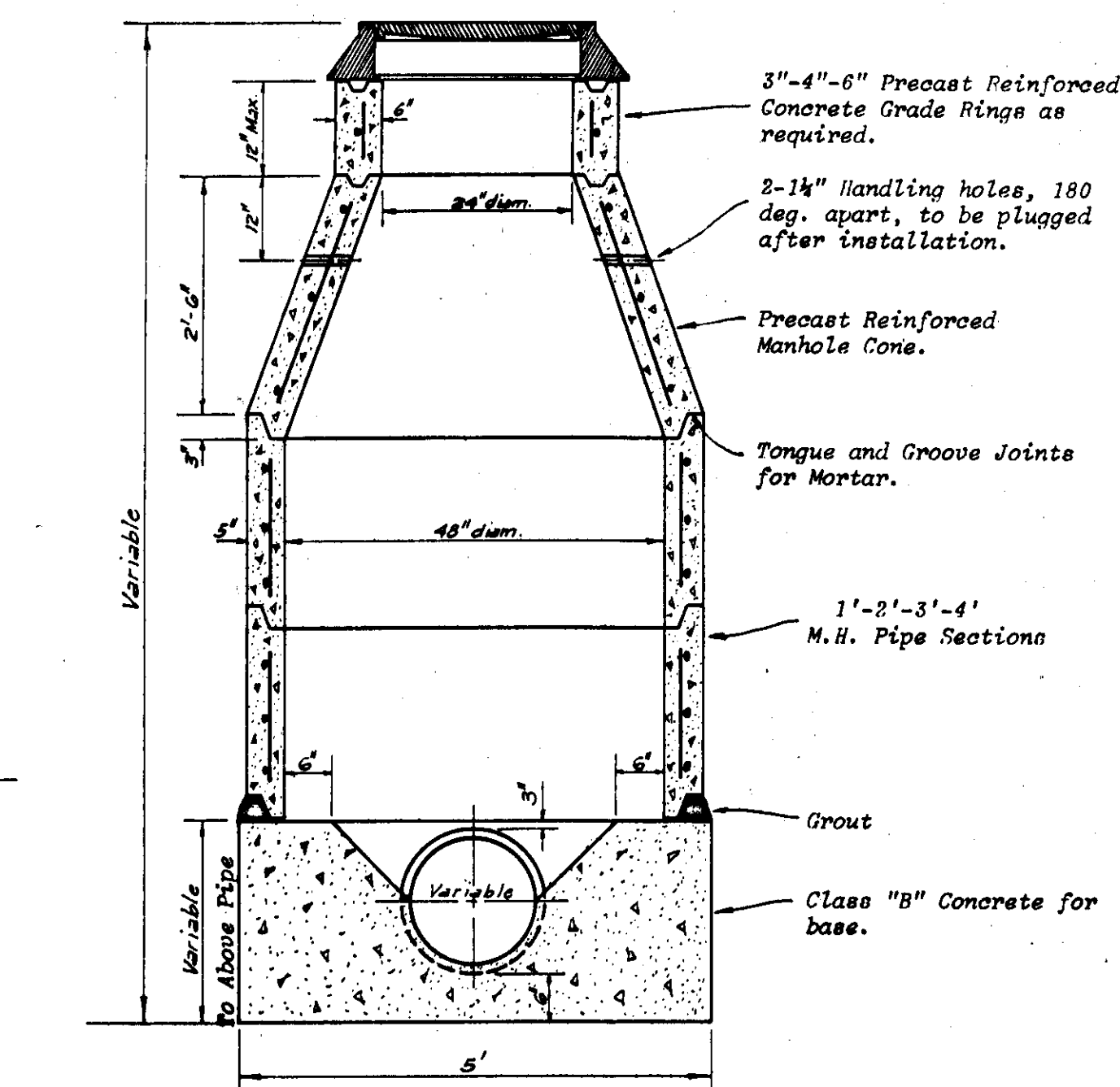
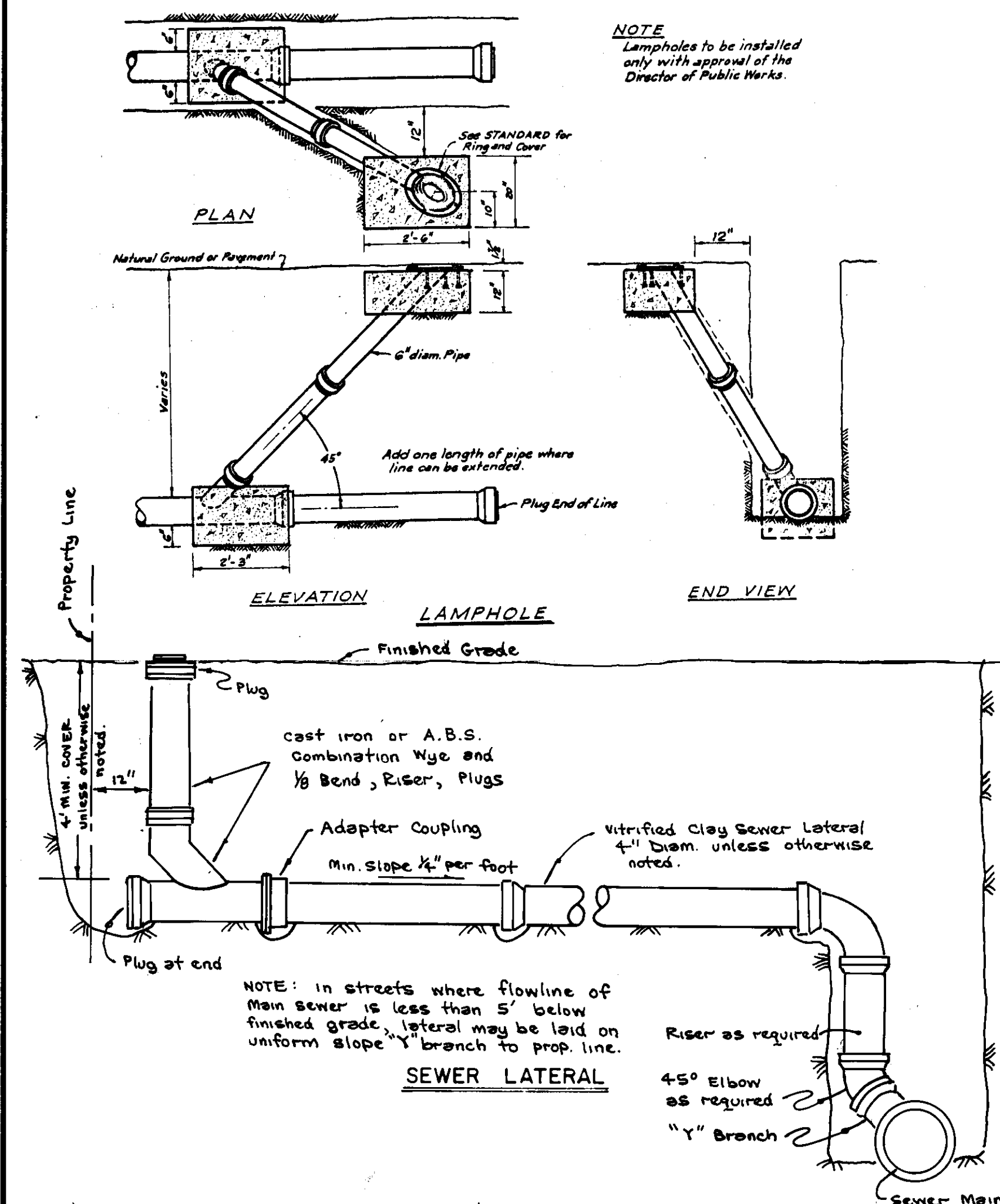
CONTROL PANEL WIRING DIAGRAM

SHEET

13

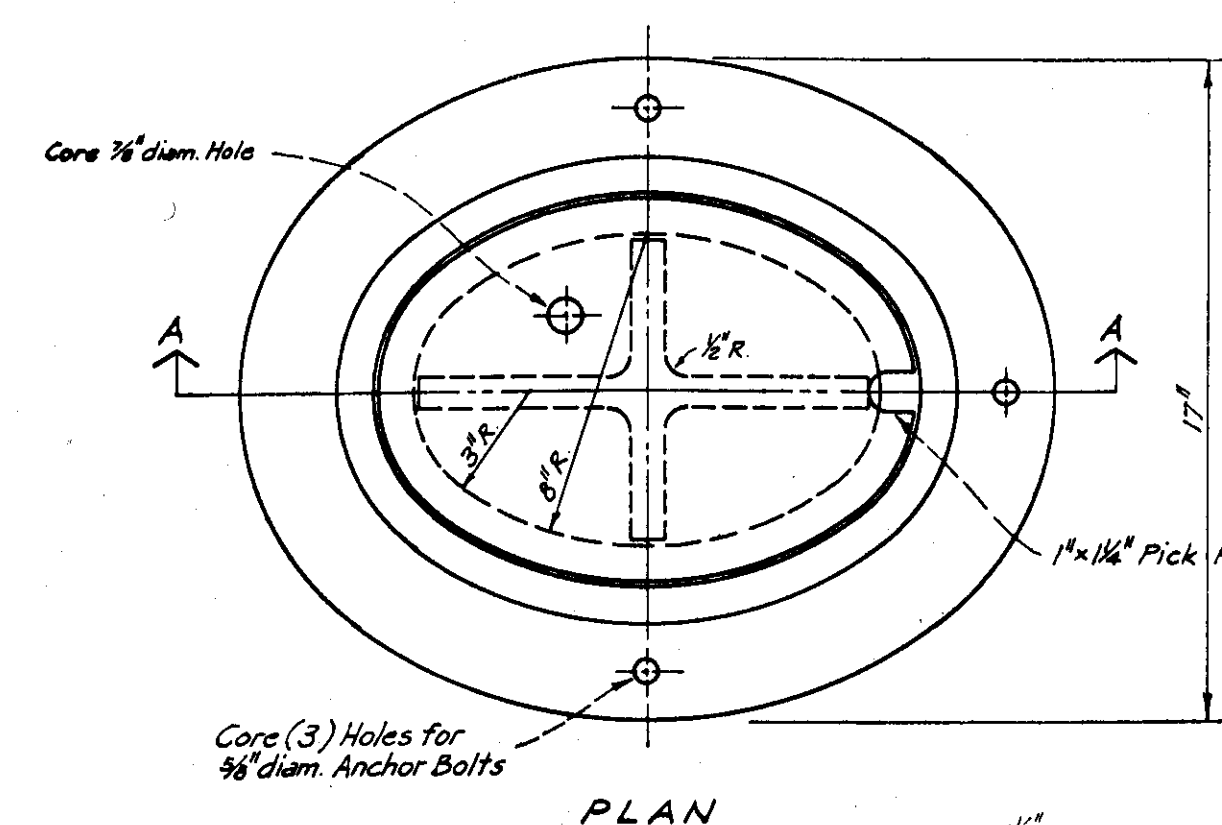
OF

FILE

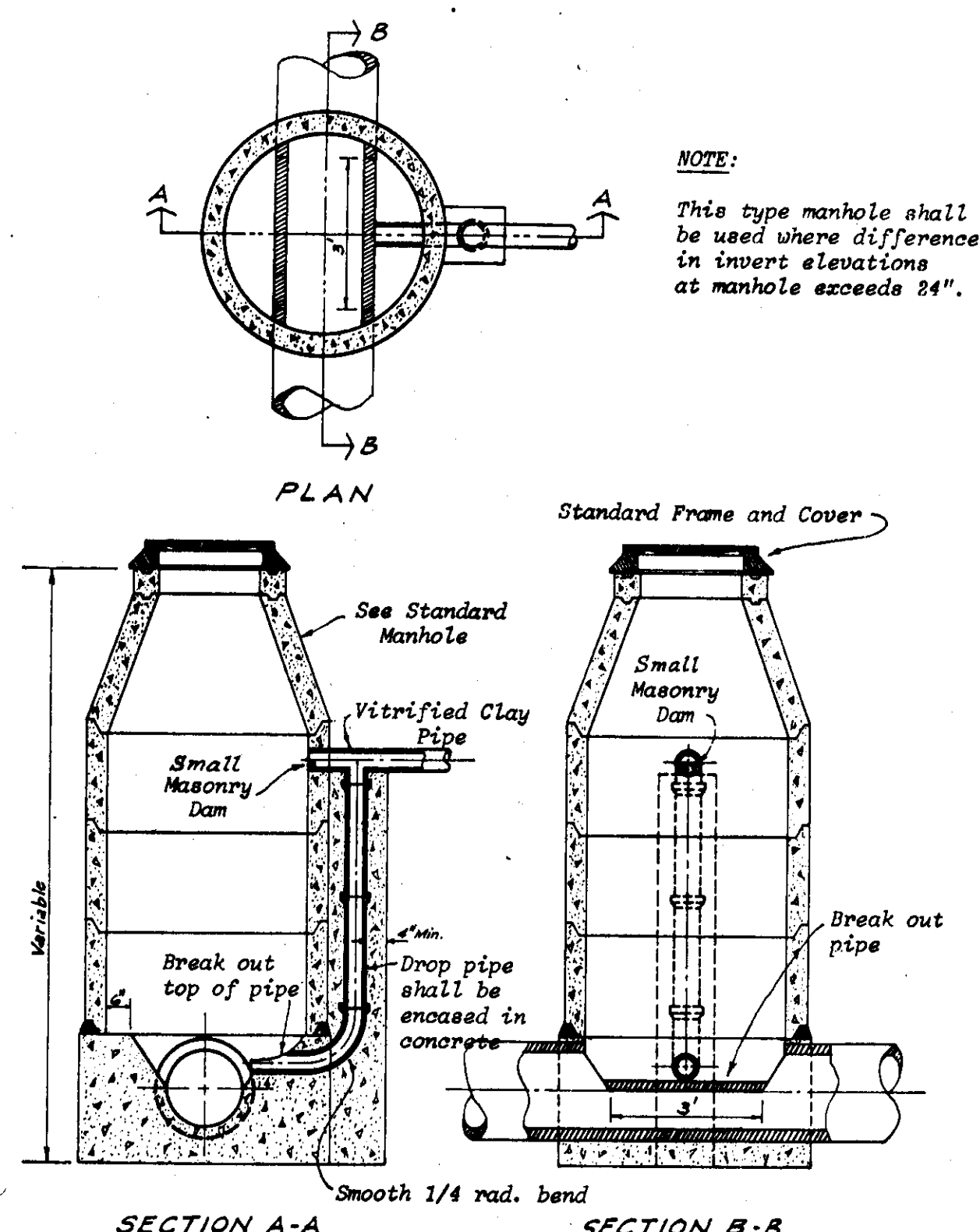


NOTE:
Precast Reinforced Concrete Manhole Units shall conform to A.S.T.M. C-478. Construct Pipe Joint at 4 feet maximum from base of Manhole. Prior approval must be obtained before installing more than 12" of grade rings.

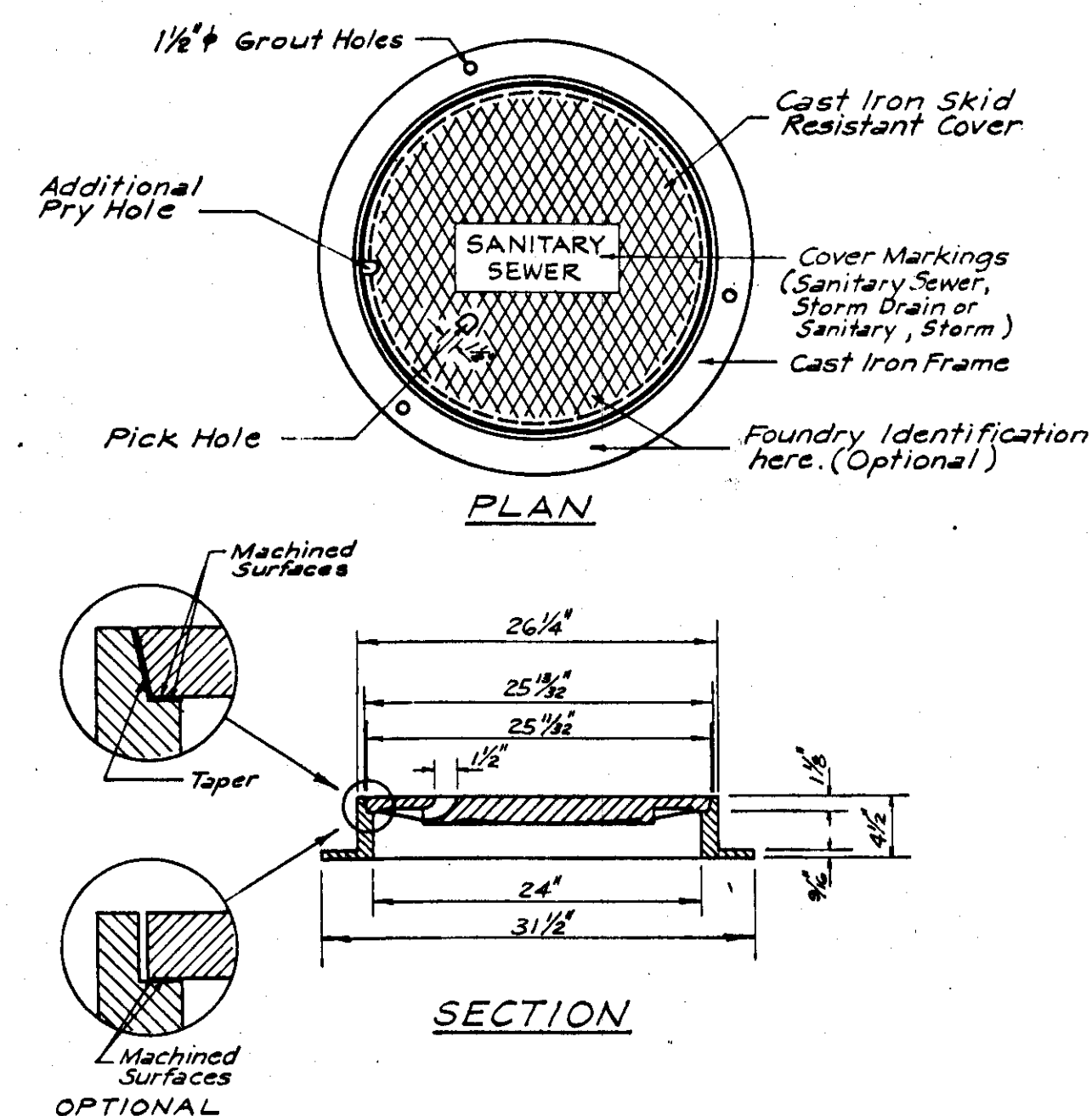
PRECAST MANHOLE FOR PIPES 24" DIAMETER OR SMALLER



LAMP HOLE RING & COVER

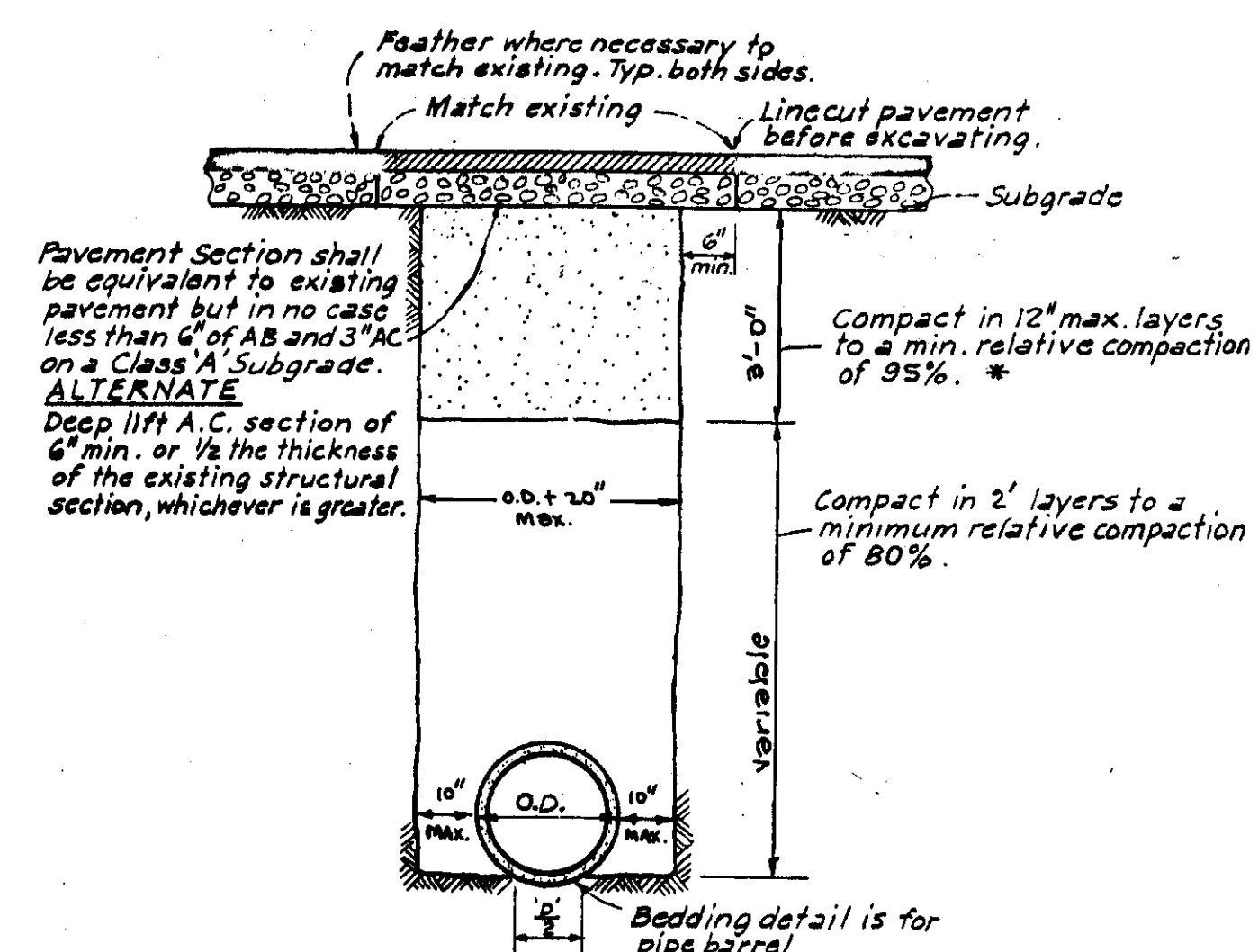


SANITARY SEWER DROP MANHOLE



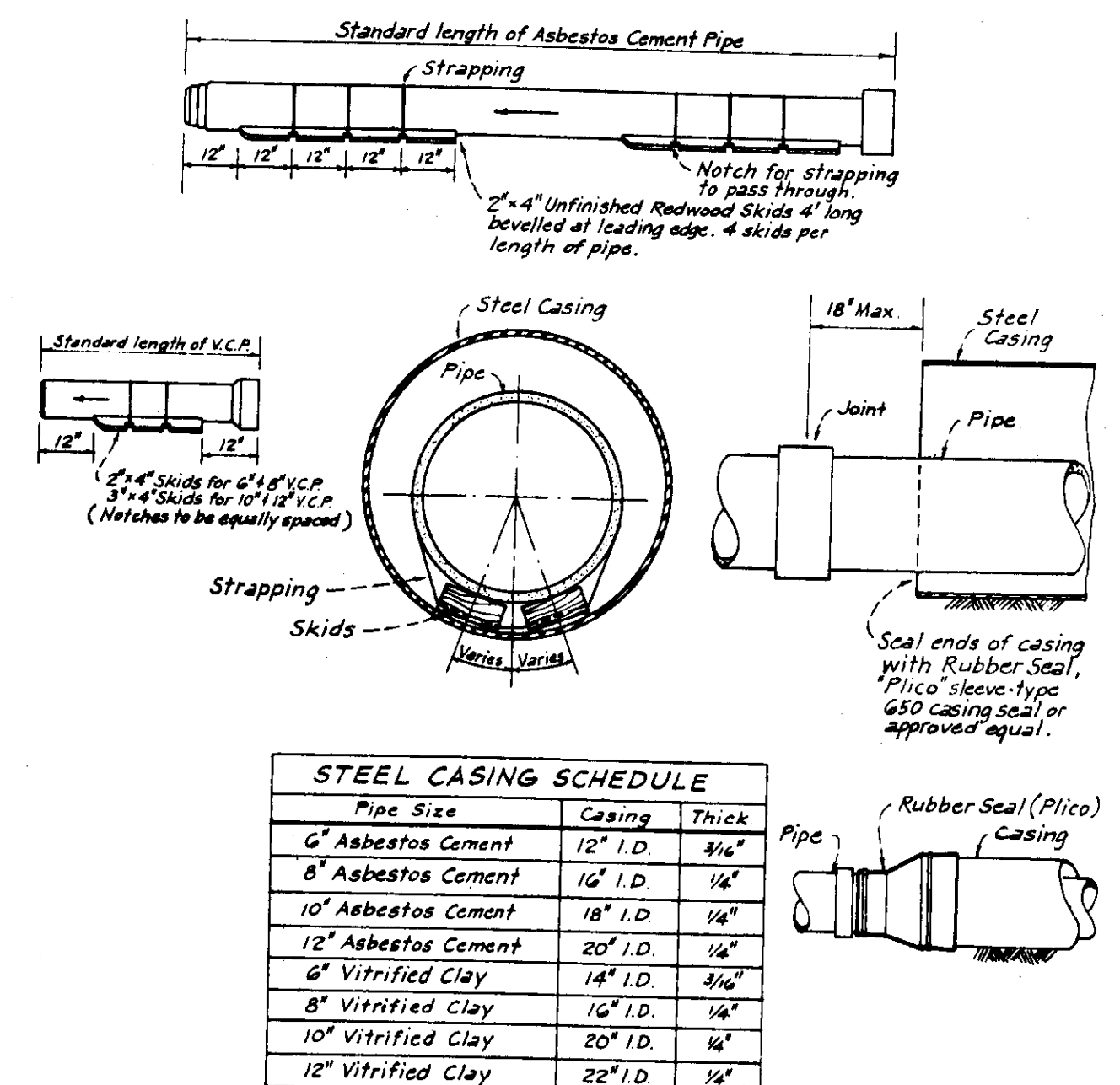
NOTE:
1. Manhole Frame and Cover to be "PHOENIX P-1090" or "PINKERTON A-624" or approved equal.
2. Cover shall be designed to withstand H-20 Highway Loading.
3. Frame and Cover shall be fully machined to assure interchangeability and close, quiet fit.

MANHOLE FRAME & COVER



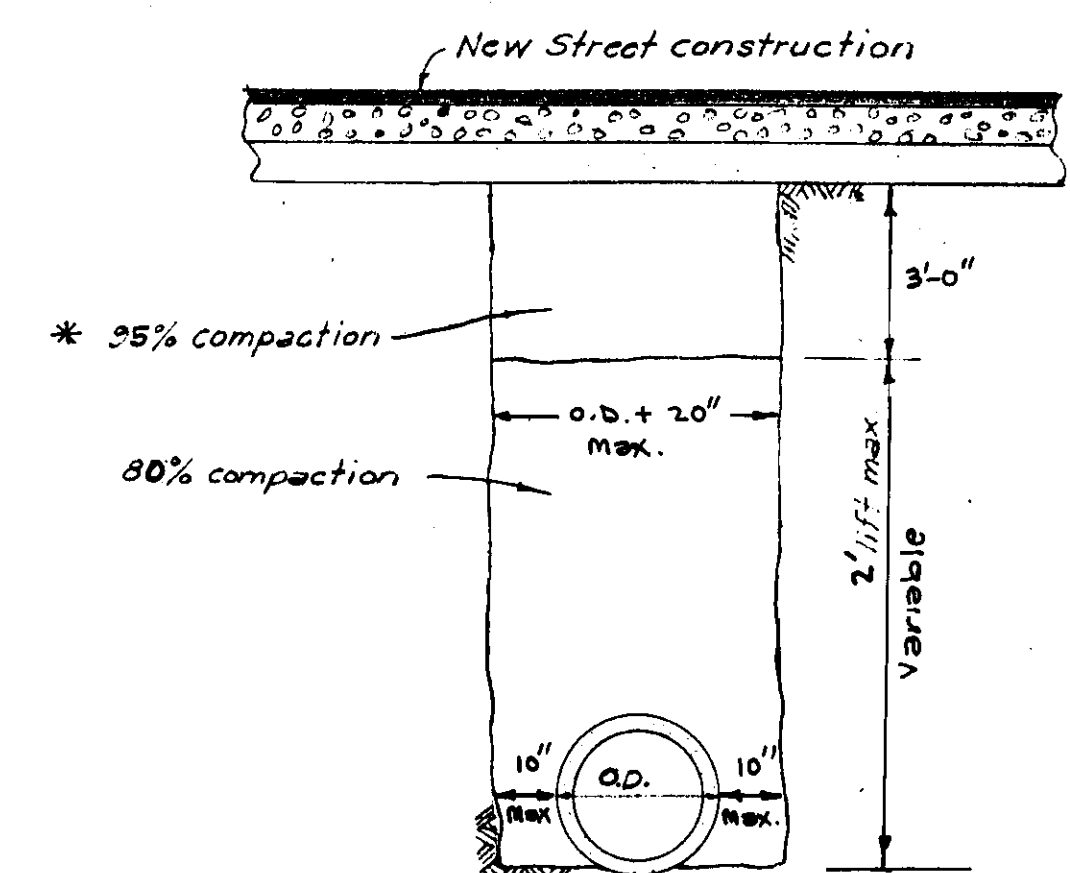
NOTE:
1. Contractor may at his expense excavate 6" below the bottom of the pipe and replace with sand or aggregate subbase in lieu of shaping bottom of trench to fit pipe barrel. Joints shall be shaped in either case.
2. When trench and excavation is in existing paved streets, replace pavement 6" on each side of trench.
3. Trenching in easements and other areas not in street R/W may be backfilled with native material to a relative compaction of 80%.
4. When shown by soil composition and compaction, ninety per cent (90%) compaction may be used, when approved by the Director of Public Works.
5. Mature paving that has become brittle in the Engineer's judgement, shall be line cut with a diamond saw full depth.

TRENCH SECTION NO. 1



NOTE:
1. Casing shall be installed by the Jacking or Boring Method.
2. Casing Joints shall be either welded or riveted type.
3. Redwood Skids shall be provided as per detail above.
4. Size and thickness of Casing Wall shall be as shown in Schedule.
5. Ends of Bore Hole shall be sealed to prevent entrance of fill material, as required.
6. A Joint shall be installed at end of Casing Pipe. See Detail.
7. Casing of larger size than shown in the above Chart or Casing for Pipes larger than 12" shall be approved by the Director of Public Works.

JACKING DETAILS FOR VITRIFIED CLAY AND ABESTOS CEMENT PIPES



NOTE:
Trench Shoring is required in all trenches over 5 feet in depth per CALOSHA STANDARDS. A separate bid item is provided for all work in conforming to CALOSHA requirements.

TRENCH SECTION NO. 2

APPROVED _____ 19 _____

APPROVED _____ 22 1977

S.J. COUNTY, DIRECTOR OF PUBLIC WORKS

revisions

no.	description	date	by

WONG ENGINEERS
PLANNING • ENGINEERING • SURVEYING
STOCKTON, CALIFORNIA

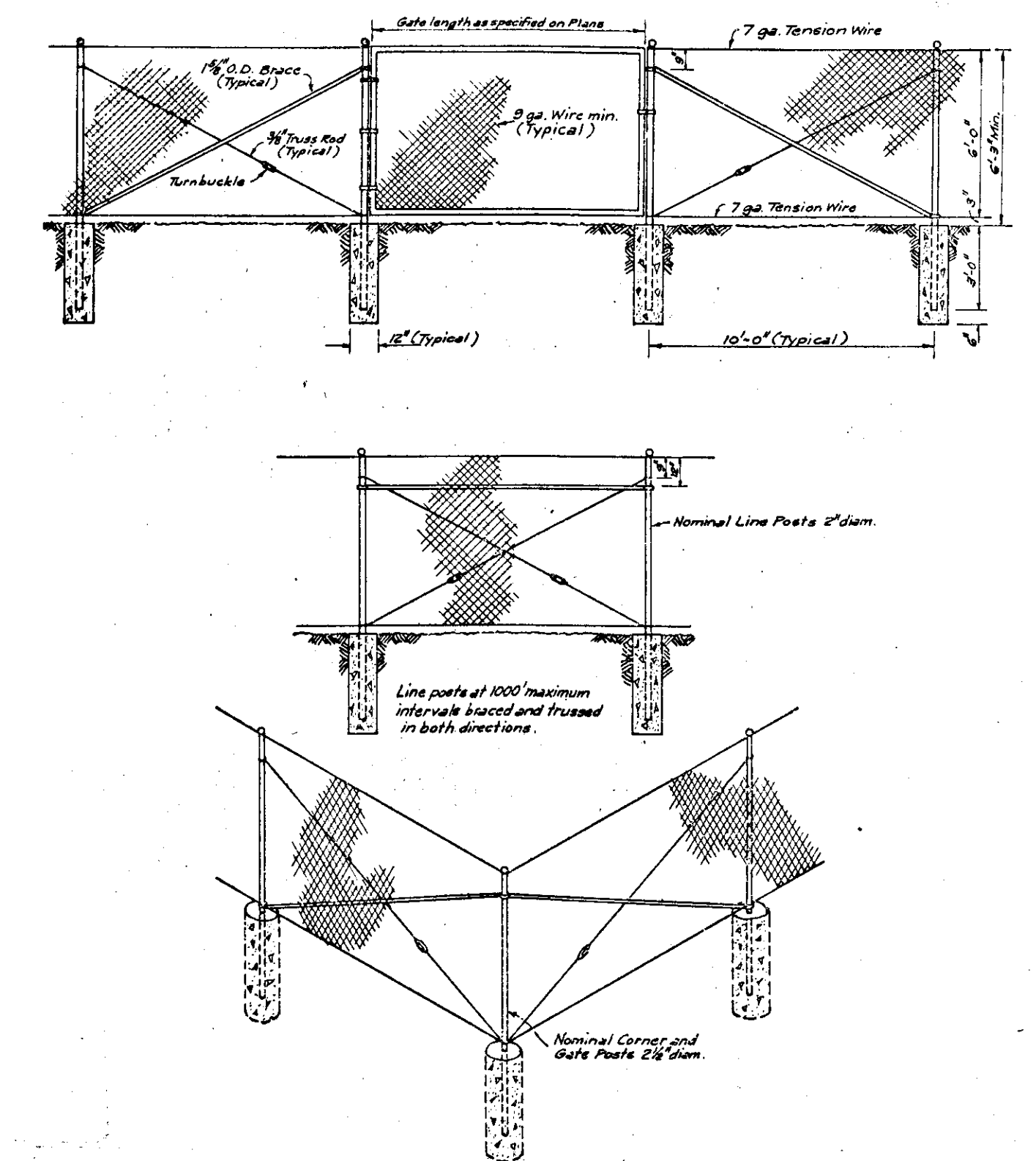
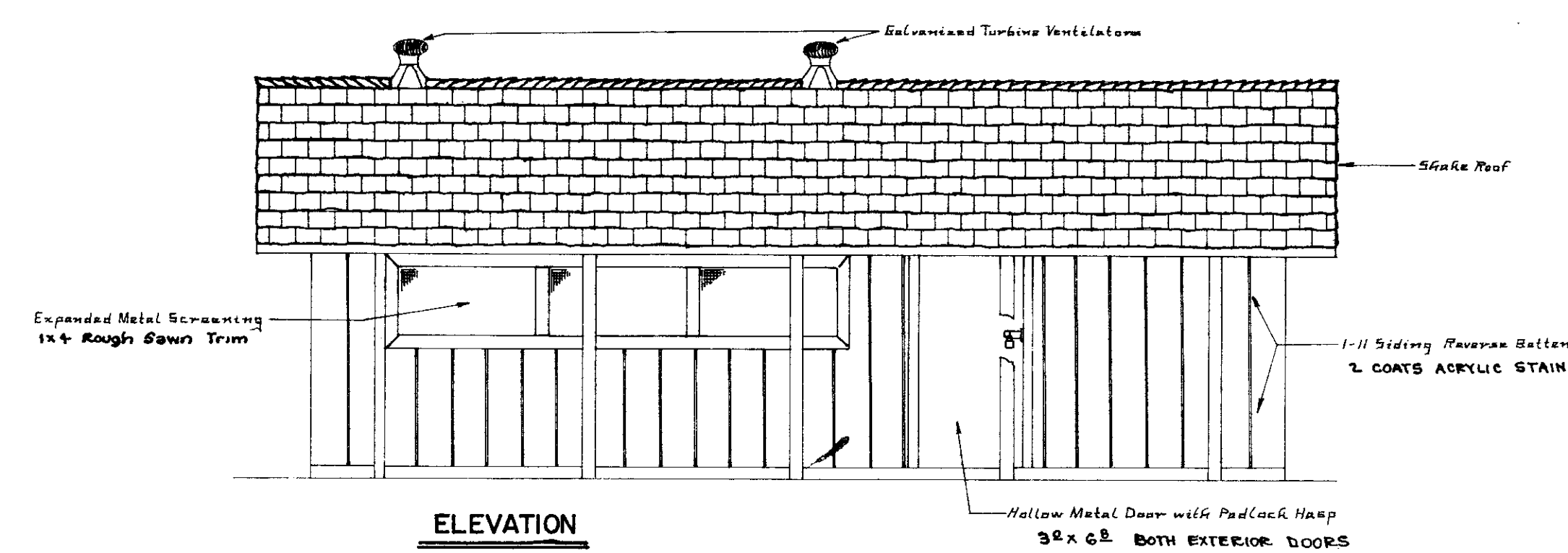
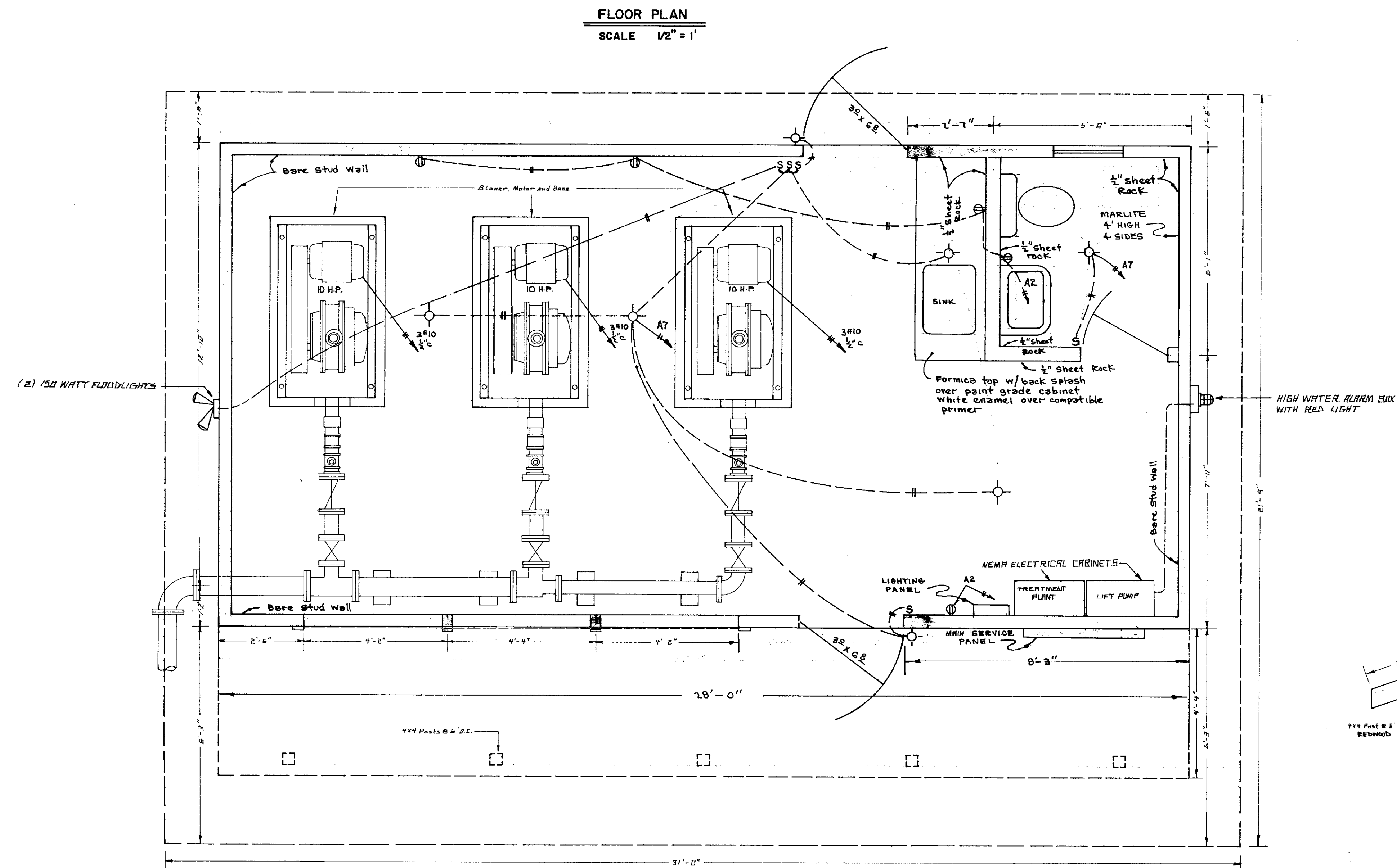
R.C.E. No. 14262

job no.
date
scale
drawn
design
check

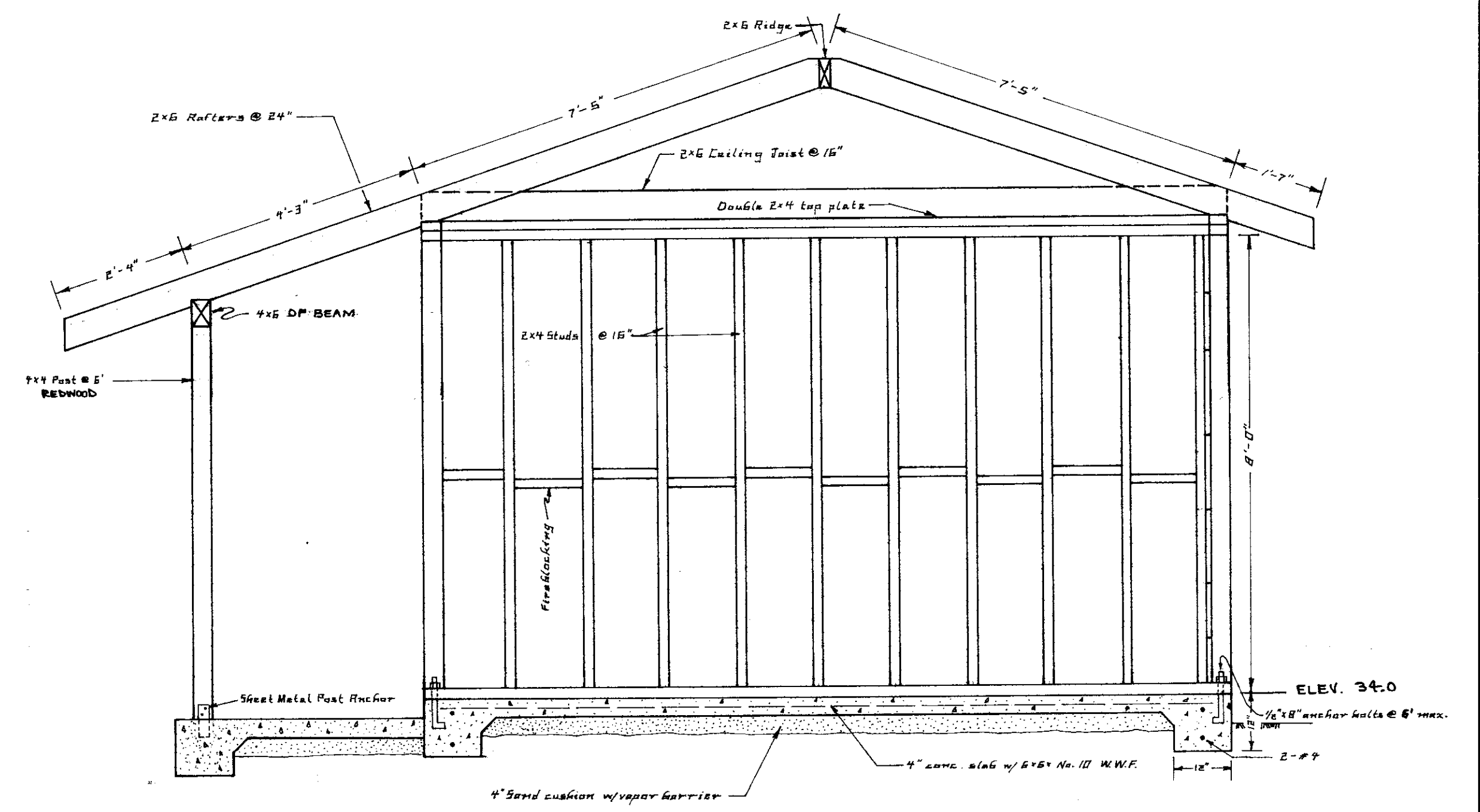
SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT
NO. 48 WATERLOO-99 SEWER ASSESSMENT DISTRICT

DETAILS

SHEET
12
OF
FILE

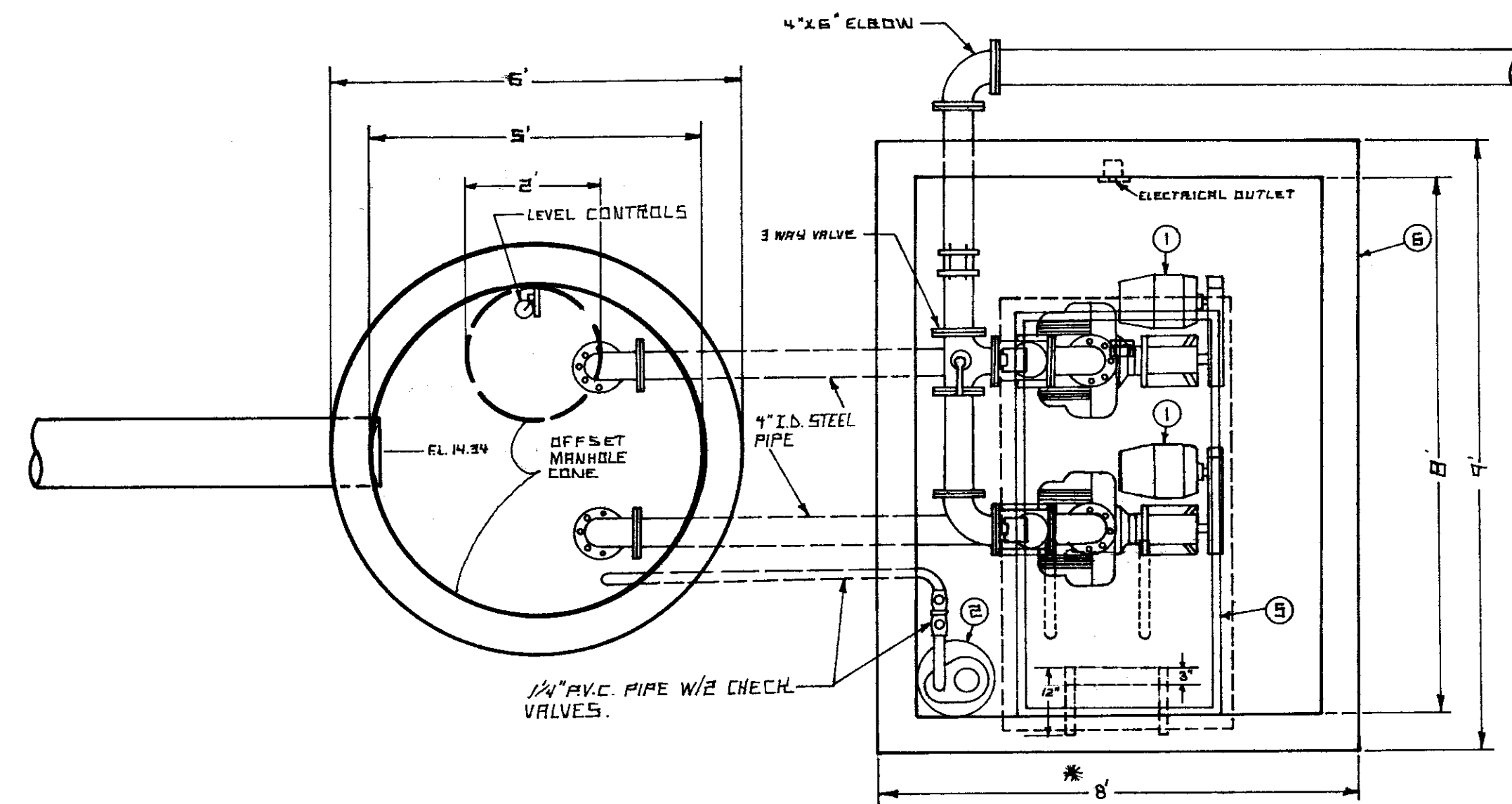


CHAIN LINK FENCE AND GATE DETAIL
SCALE = NONE

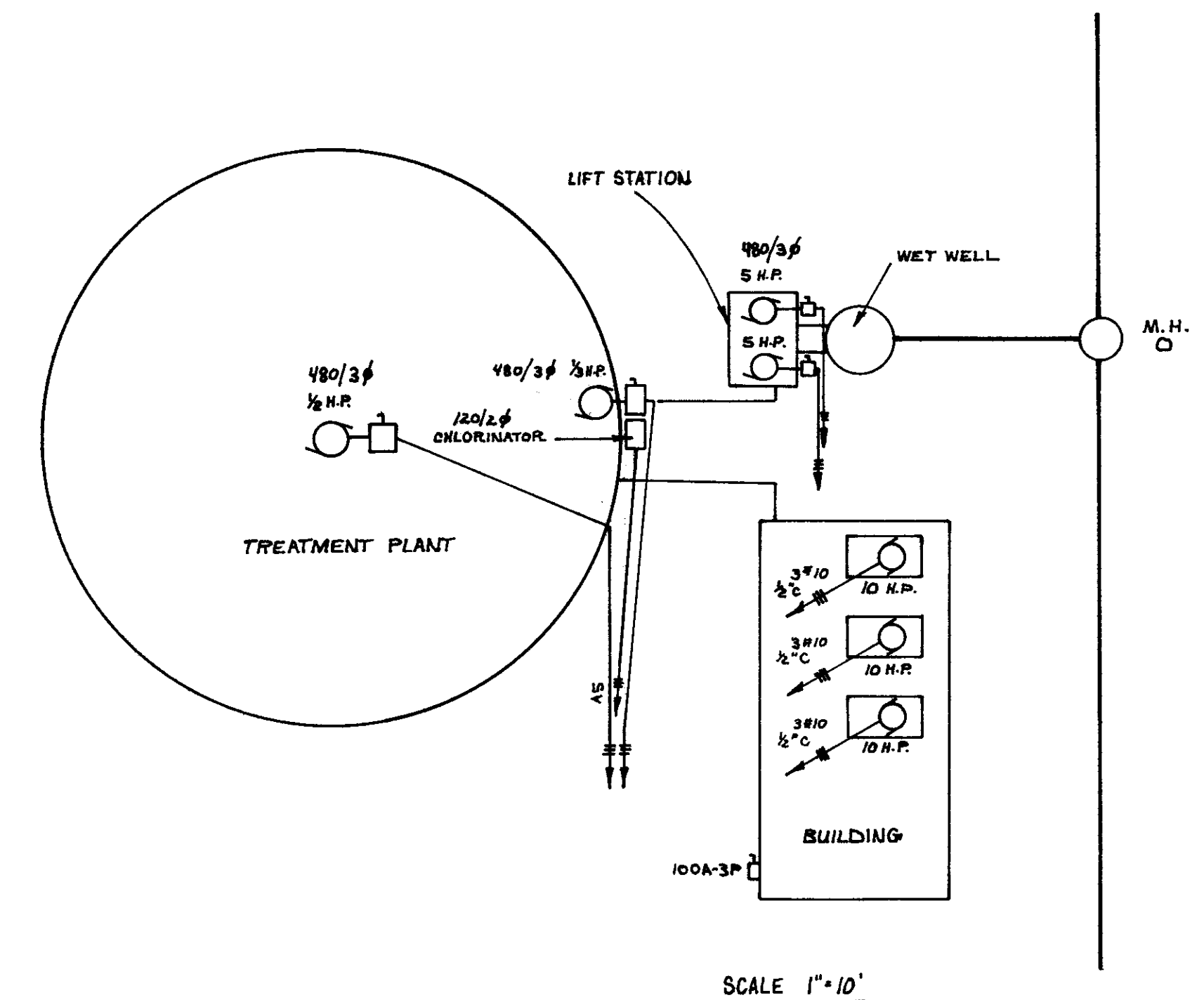


ROOF FRAMING, WALL FRAMING AND FOOTING DETAILS
SCALE 1/2" = 1'

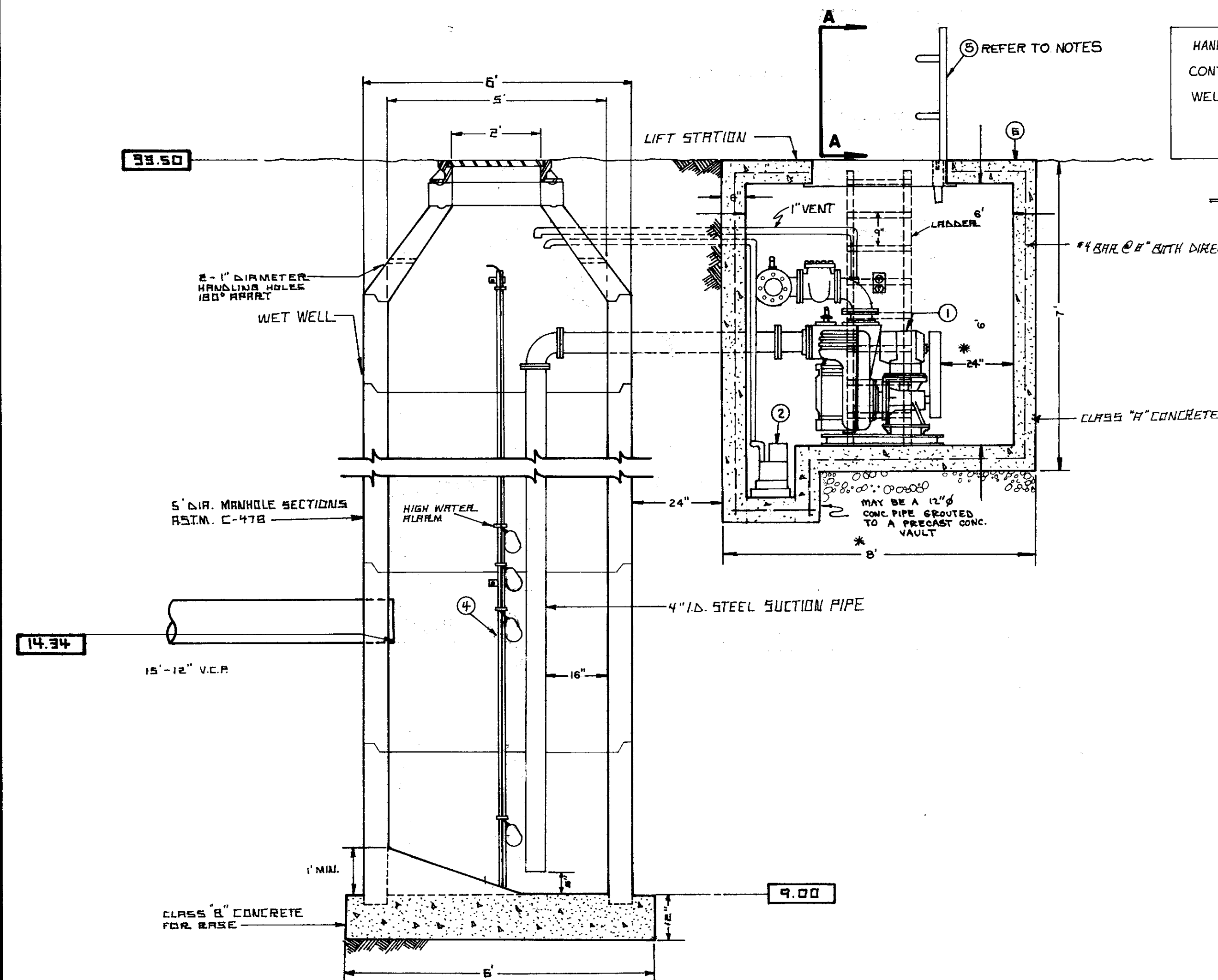
APPROVED <u>11/1</u> 1977 S.J. COUNTY BUILDING DEPT.	APPROVED <u>Nov. 22 1977</u> J. L. LITTLE, DIRECTOR OF PUBLIC WORKS	revisions <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">no.</th> <th style="width: 40%;">description</th> <th style="width: 10%;">date</th> <th style="width: 10%;">by</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	no.	description	date	by					 WONG ENGINEERS PLANNING • ENGINEERING • SURVEYING STOCKTON, CALIFORNIA R.C.E. No. 14269	job no. 1668 date scale AS SHOWN drawn D.R.K. design check	SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 48 WATERLOO-99 SEWER ASSESSMENT DISTRICT DETAILS	SHEET 11 OF FILE
no.	description	date	by											



NOTE:
* - DIMENSIONS NOT TO SCALE



SCALE 1" = 10'



VIEW A-A

NOTES:

1. Install (2) Parody-Barnes self priming sewage pumps, Model 49CLL, with a V belt overhead drive and 5 H.P. 1750 RPM, D.P. 3 Ph. 230/460 V. motors. The pumps speed is to be 1300 RPM. Belt guards per OSHA standards to be provided. The pump will have 3 quick clean-out ports, and an oil lubricated mechanical seal.
2. Parody-Barnes sump pump, Model 55C 27.
3. Vema 3 enclosure, with circuit breakers, magnetic starters, alternator, intrinsically safe relays, and a high alarm system consisting of panel top mounted light and audible bell with silencer.
4. Mercury switches to be installed in the wet well to provide level signals.
5. Station access door size 3'0" x 5'0" single leaf, steel with spring loaded door rated for 300 lbs. live load per sq. ft. Parody-Barnes Catalog, Section 5.
6. Concrete vault 6' x 8' x 7' high with 6" wall thickness.

WET WELL AND LIFT STATION DETAILS

SCALE 1" = 2'

APPROVED 11/1 1977
S.J. COUNTY BUILDING DEPT.

APPROVED Nov 24 1977
for S.J. COUNTY, DIRECTOR OF PUBLIC WORKS

revisions			
no.	description	date	by



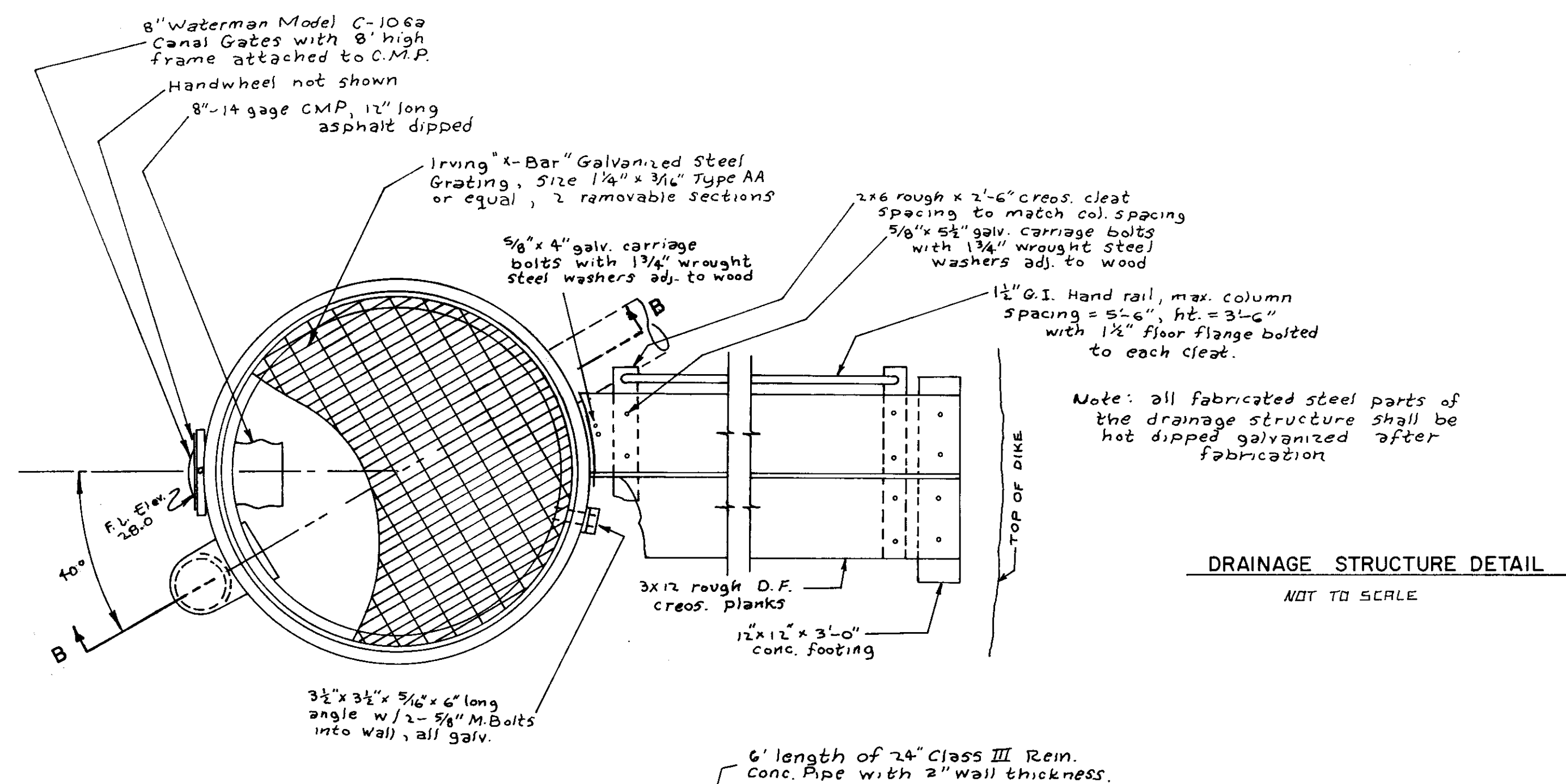
WONG ENGINEERS
PLANNING • ENGINEERING • SURVEYING
STOCKTON, CALIFORNIA

R.C.E. No. 14269

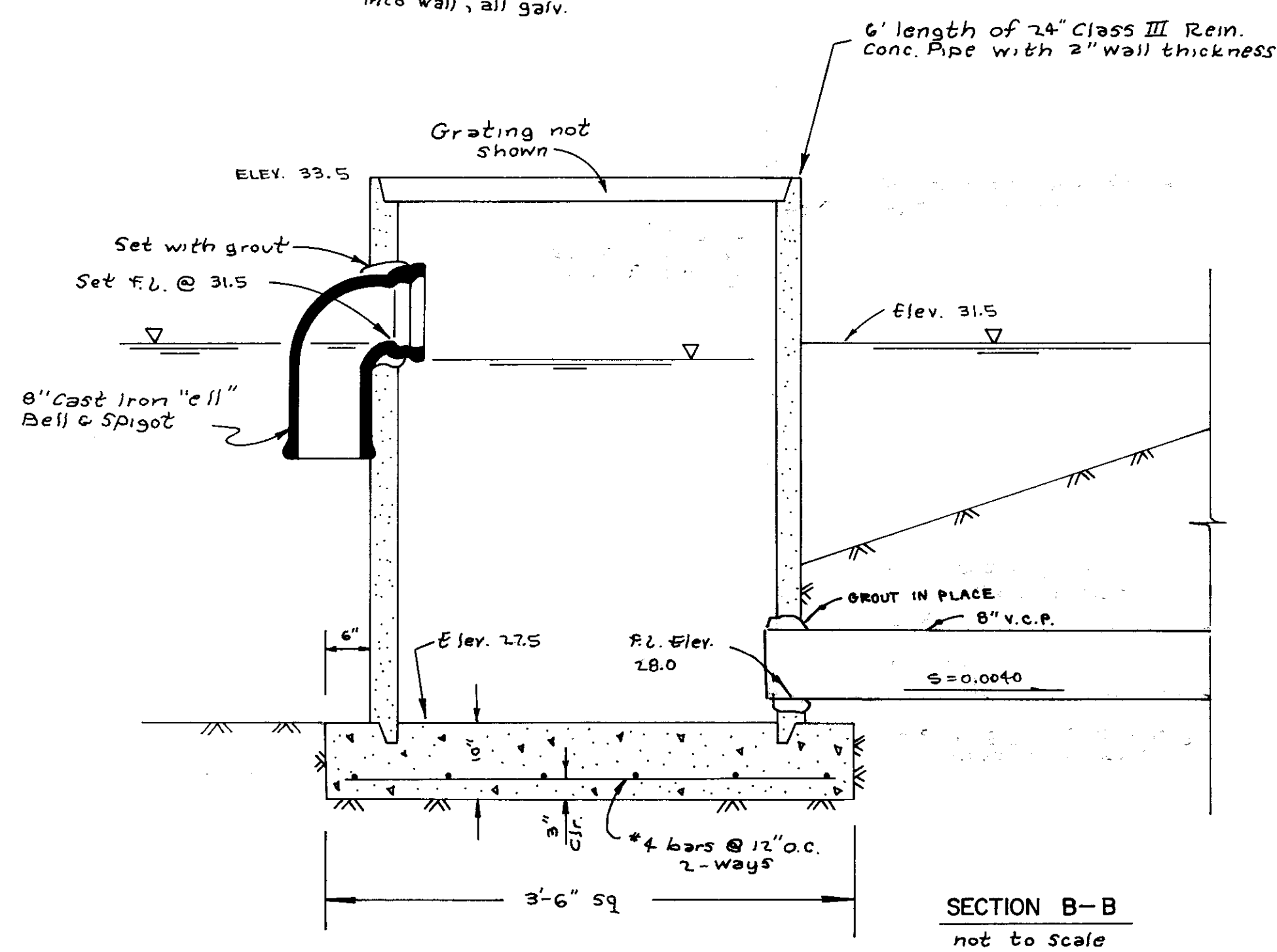
job no. 1668
date SEPT 1977
scale 1" = 2'
drawn D.R.K.
design
check

SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 48
WET WELL AND LIFT STATION DETAILS

SHEET
10
OF
FILE



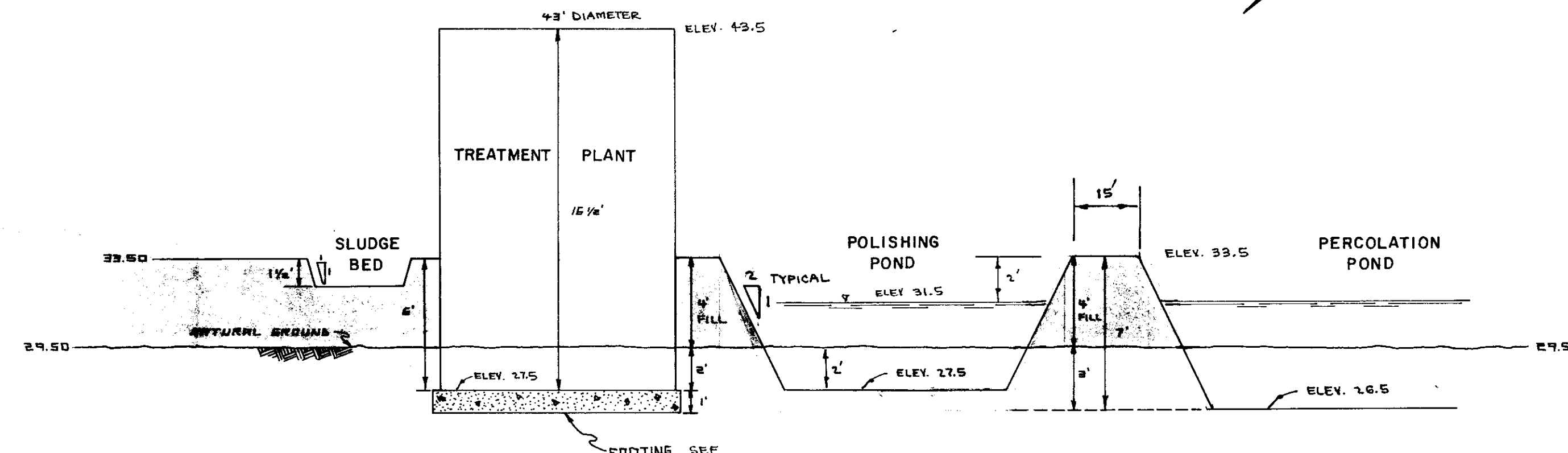
DRAINAGE STRUCTURE DETAIL
NOT TO SCALE



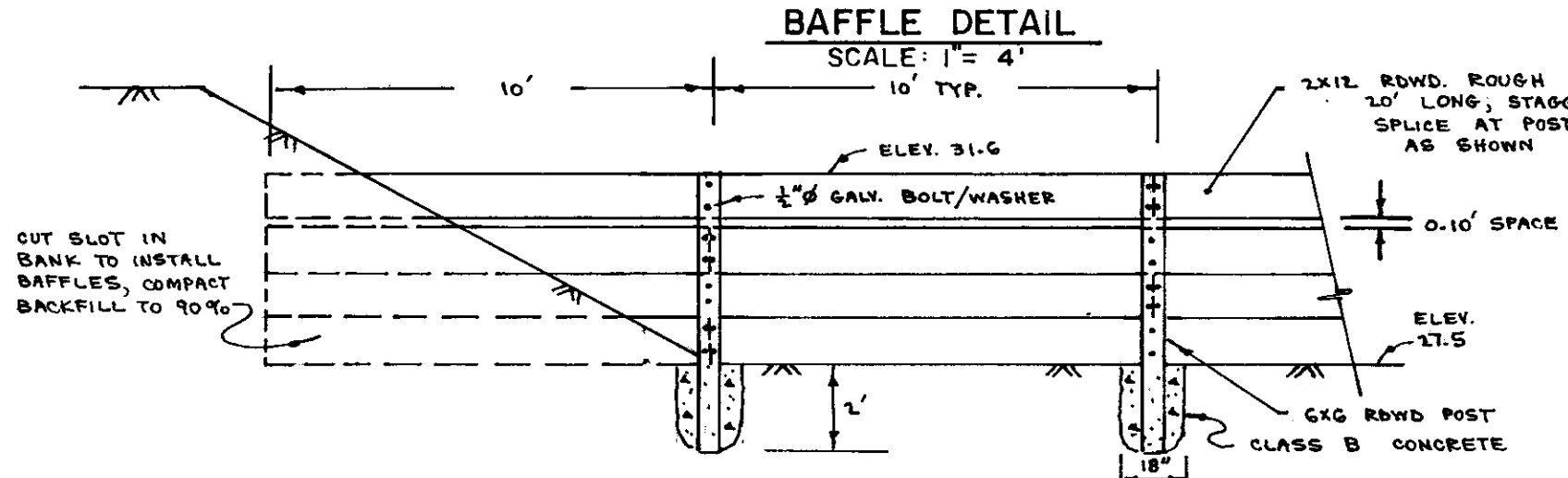
SECTION B-B
not to scale

CHLORINATOR EQUIPMENT

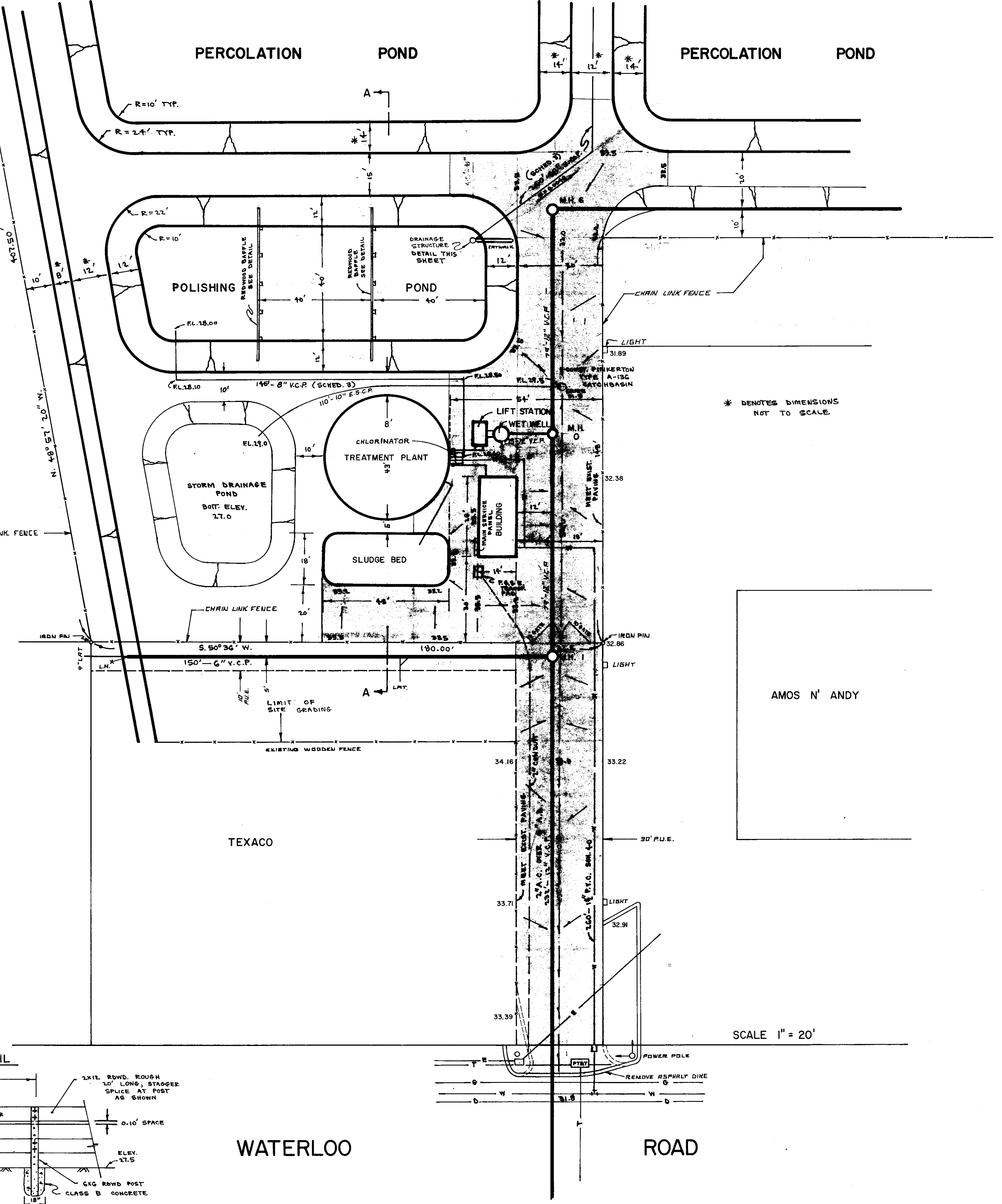
- | QNTY. | ITEM |
|-------|---|
| (1) | Fiberglass enclosure. |
| (2) | Chlorine cylinder scales. |
| (1) | Switchover system Regal, Model 215 |
| (1) | Chlorine booster pump, Sta-Rite Model JHD, 3/4 H.P. |
| (1) | Exhaust fan, duplex outlet and light. |



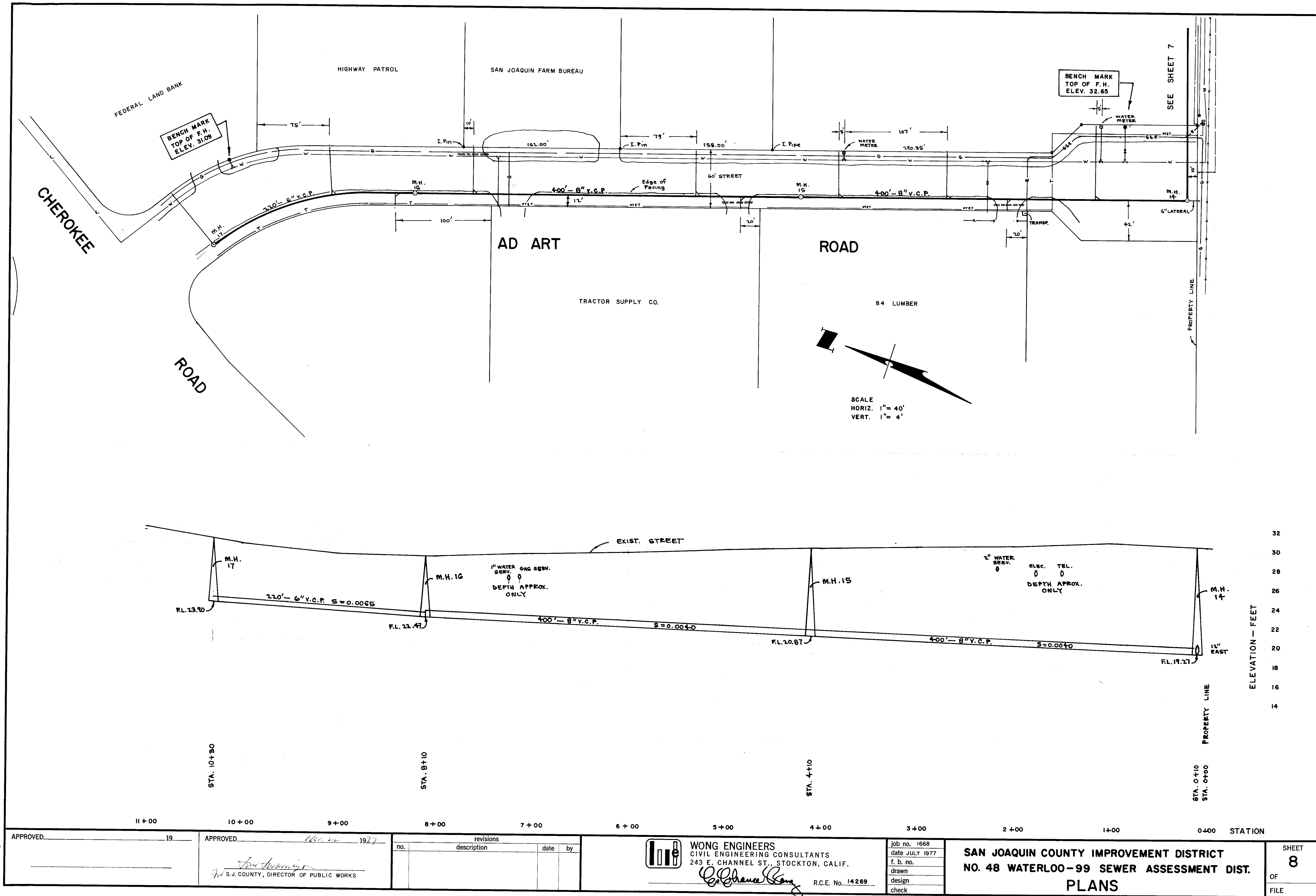
SECTION A-A
SCALE HOR: 1" = 20'
VER: 1" = 5'



BAFFLE DETAIL
SCALE: 1" = 4'

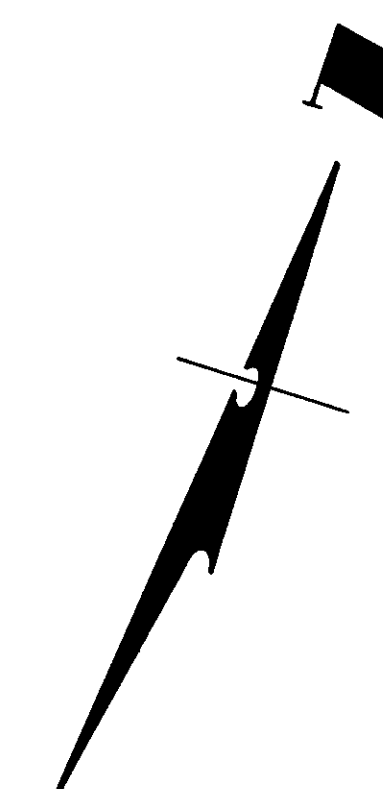
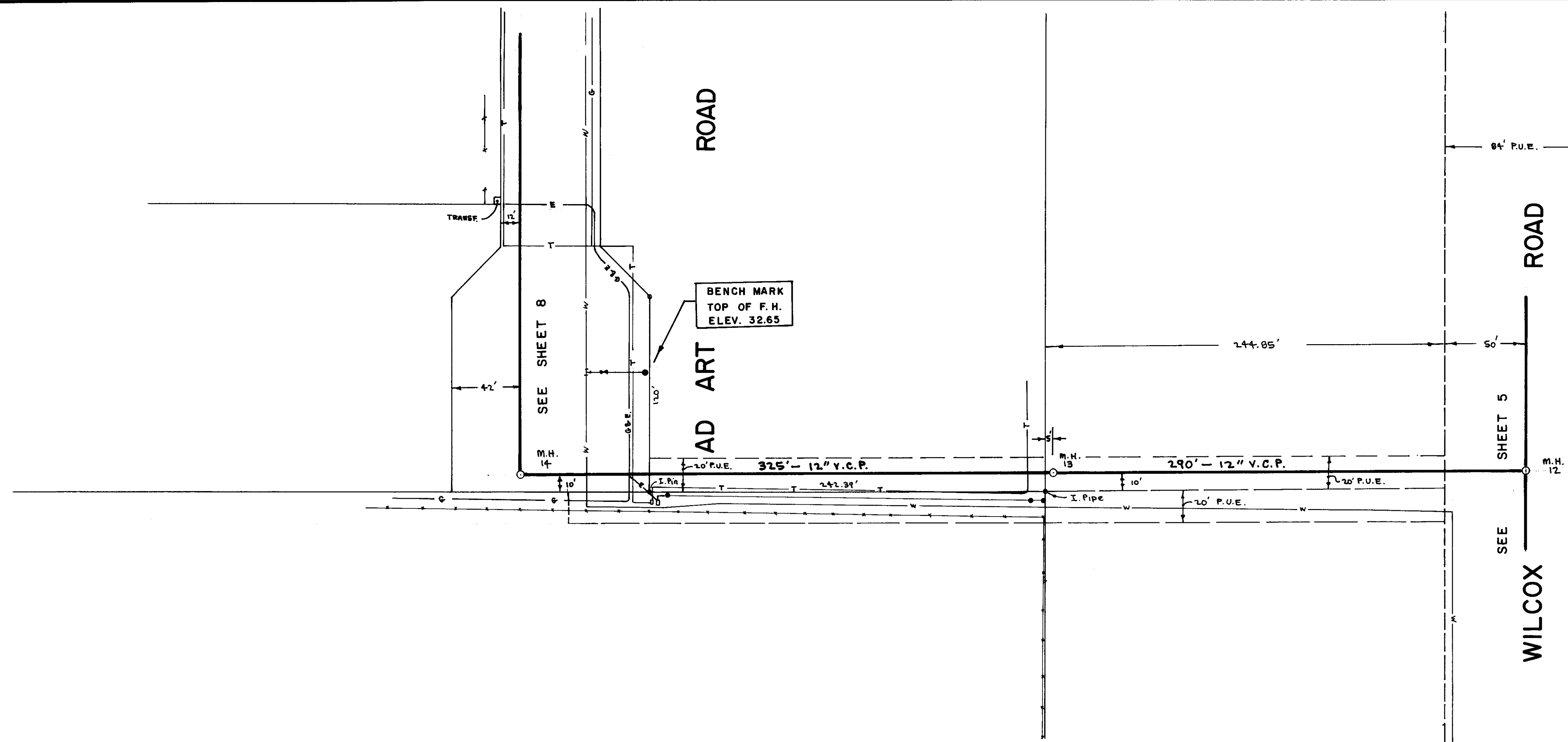


SCALE 1" = 20'

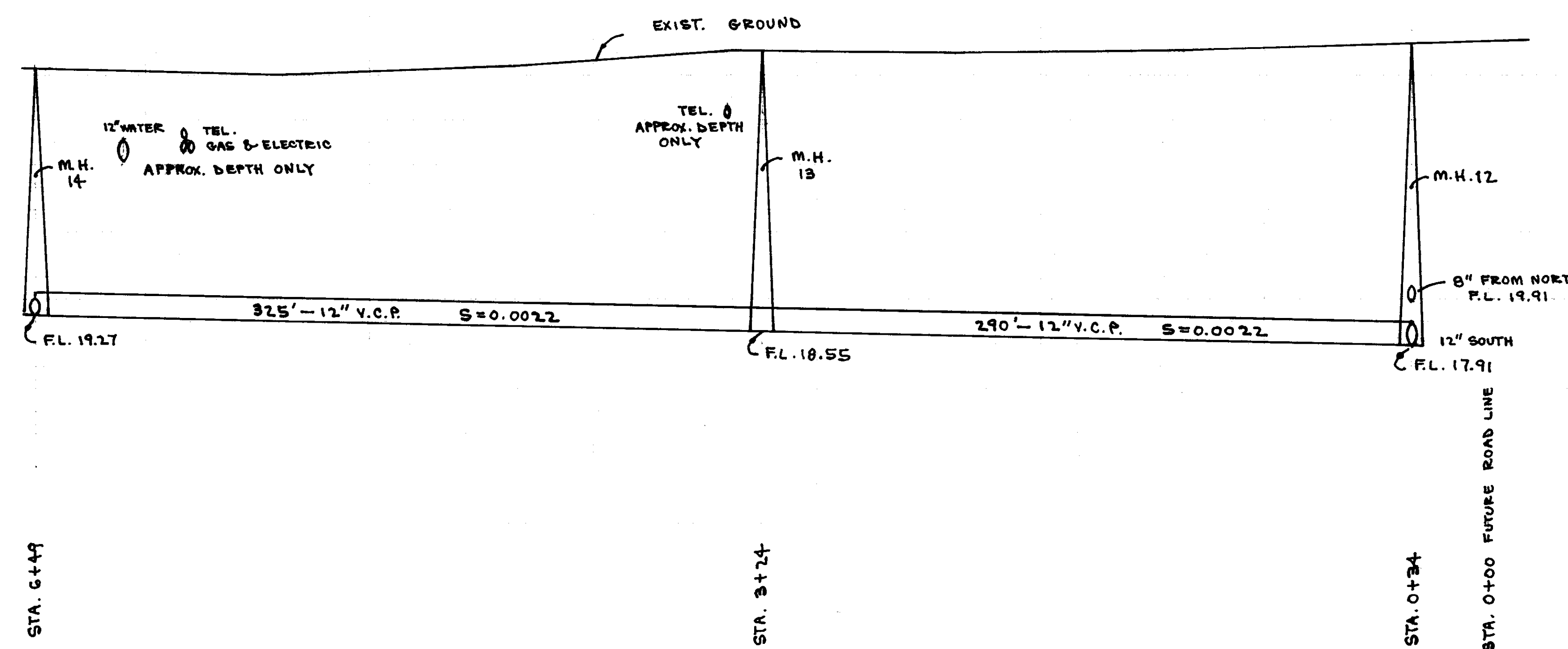


50' 1062

APPROVED _____ 19__		APPROVED _____ 1927		revisions		WONG ENGINEERS CIVIL ENGINEERING CONSULTANTS 243 E. CHANNEL ST., STOCKTON, CALIF.		job no. 1668 date JULY 1977 f. b. no. drawn design check		SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 48 WATERLOO-99 SEWER ASSESSMENT DIST. PLANS		SHEET 8 OF FILE	
_____		_____		no. description date by		R.C.E. No. 14269							



SCALE:
HORIZ. 1" = 40'
VERT. 1" = 4'

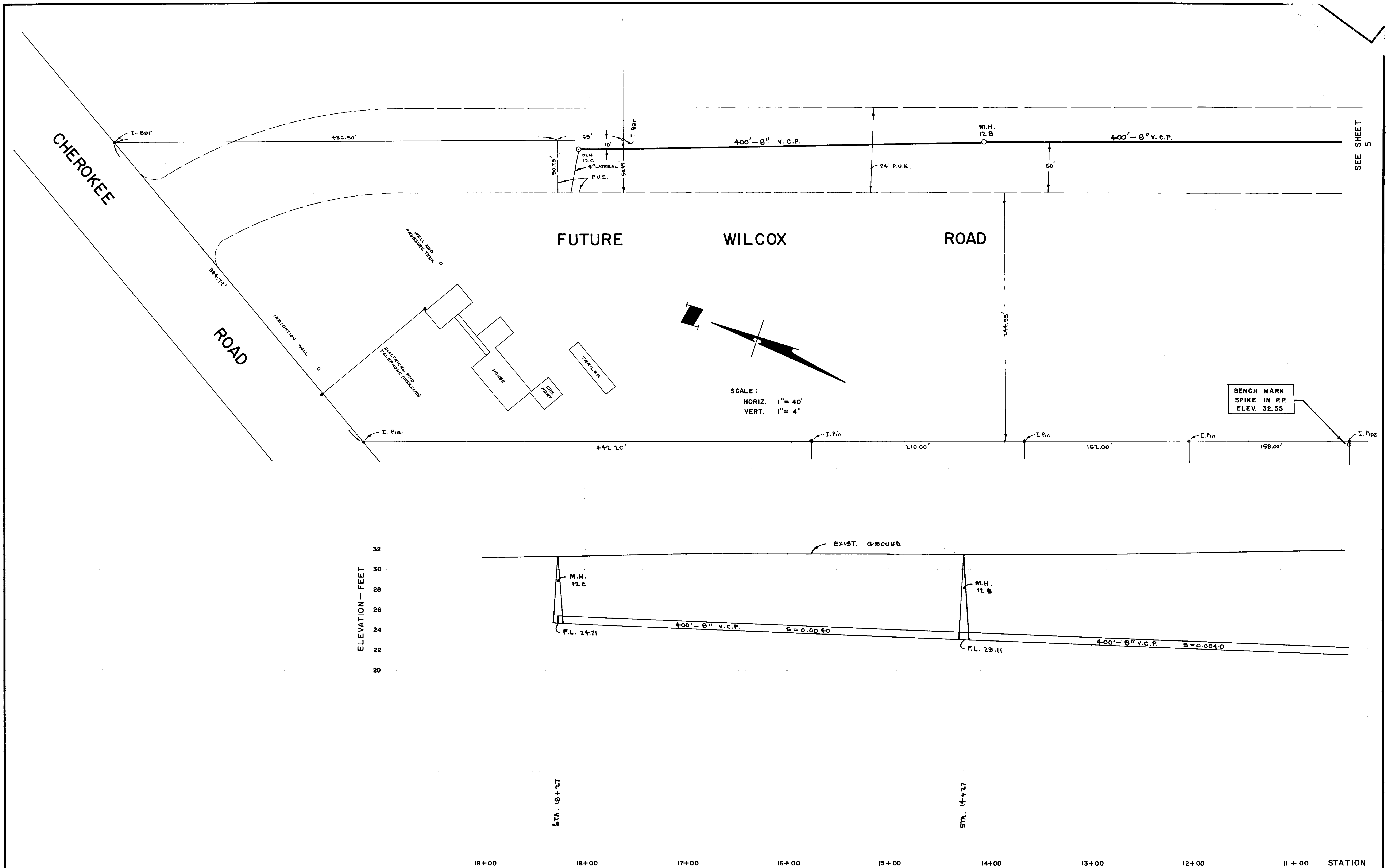


ELEVATION - FEET
32
30
28
26
24
22
20
18
16

7+00 6+00 5+00 4+00 3+00 2+00 1+00 0+00 STATION

APPROVED _____ 19 ____	APPROVED <i>Nov. 22</i> 19 <i>77</i>	revisions no. description date by	WONG ENGINEERS CIVIL ENGINEERING CONSULTANTS 243 E. CHANNEL ST., STOCKTON, CALIF. <i>G. Phane B. Wong</i> R.C.E. No. 14269	job no. 1668 date JULY 1977 f. b. no. drawn design check	SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 48 WATERLOO - 99 SEWER ASSESSMENT DIST. PLANS	SHEET 7 OF FILE
	for S.J. COUNTY, DIRECTOR OF PUBLIC WORKS					

SU
1063



SEE SHEET 5

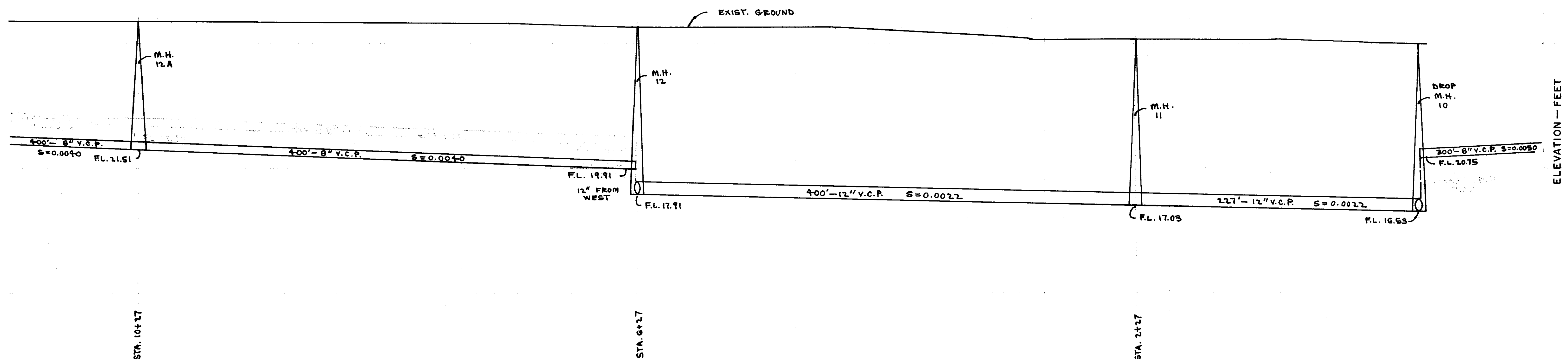
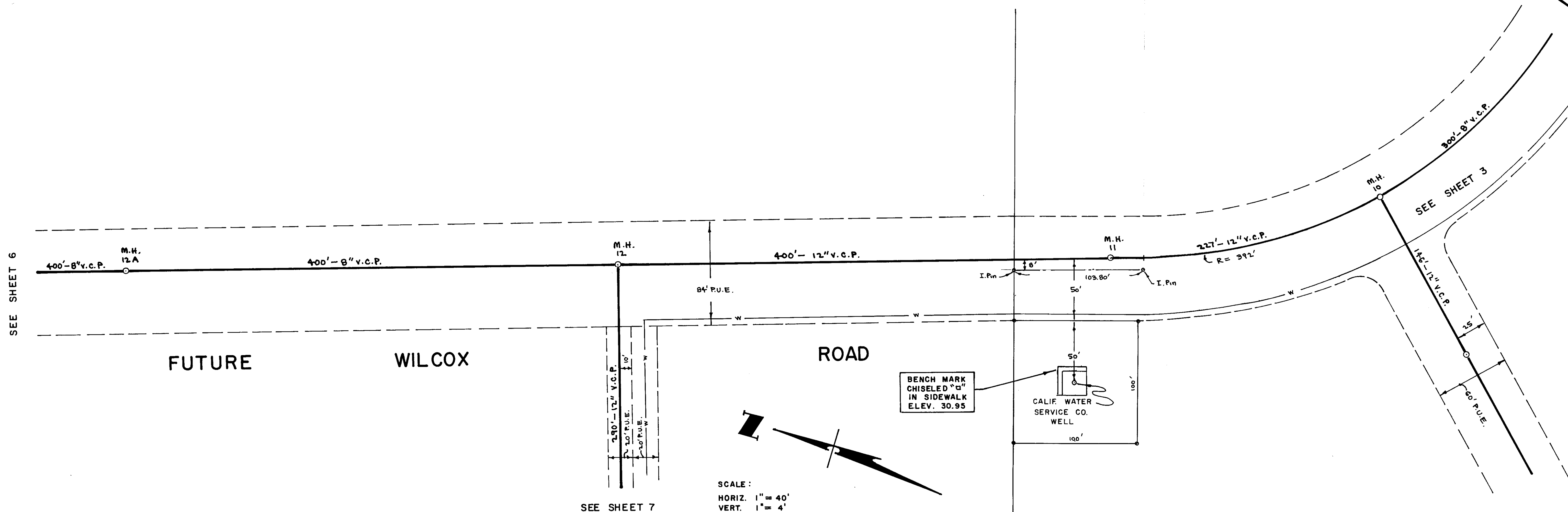
BENCH MARK
SPIKE IN P.P.
ELEV. 32.55

SCALE:
HORIZ. 1" = 40'
VERT. 1" = 4'

ELEVATION - FEET

APPROVED _____ 19__		APPROVED <i>Nov. 22</i> 1977		<table border="1"> <tr> <th colspan="4">revisions</th> </tr> <tr> <th>no.</th> <th>description</th> <th>date</th> <th>by</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		revisions				no.	description	date	by					WONG ENGINEERS CIVIL ENGINEERING CONSULTANTS 243 E. CHANNEL ST., STOCKTON, CALIF. <i>Ed. Chance Wong</i> R.C.E. No. 14269	job no. 1668 date JULY 1977 f. b. no. drawn design check	SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 48 WATERLOO-99 SEWER ASSESSMENT DIST. PLANS	SHEET 6 OF FILE
revisions																					
no.	description	date	by																		
S.J. COUNTY, DIRECTOR OF PUBLIC WORKS		STA. 18+27 STA. 14+27		STATION 19+00 18+00 17+00 16+00 15+00 14+00 13+00 12+00 11+00																	

54
1064



APPROVED _____ 19____
 APPROVED Nov 26 1977
 J. S. COUNTY, DIRECTOR OF PUBLIC WORKS

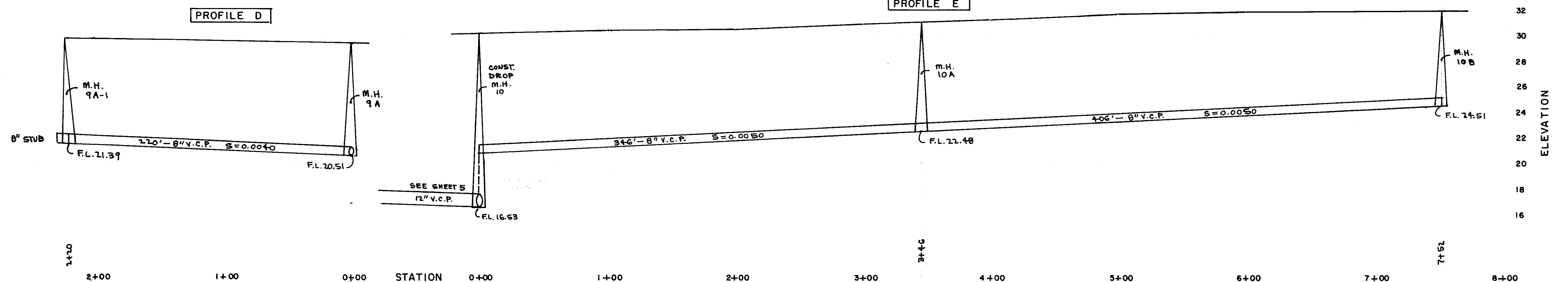
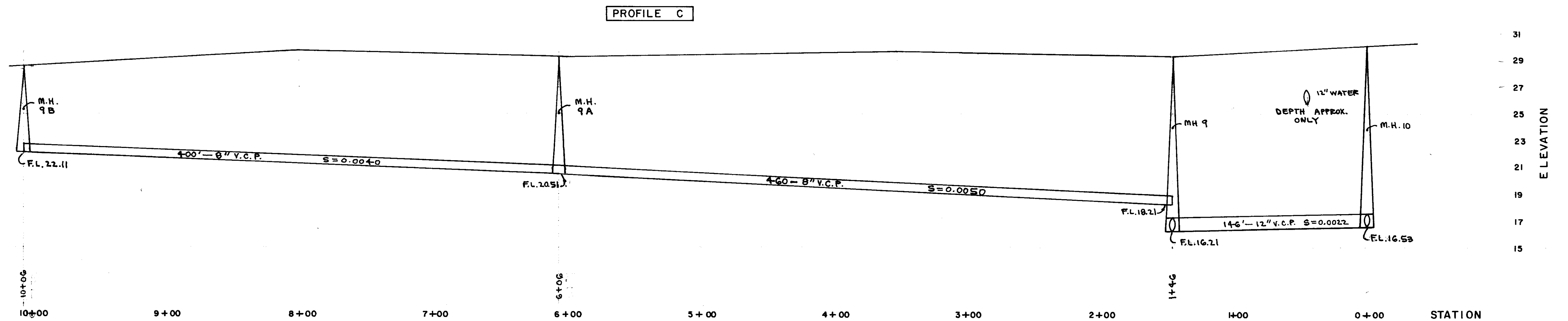
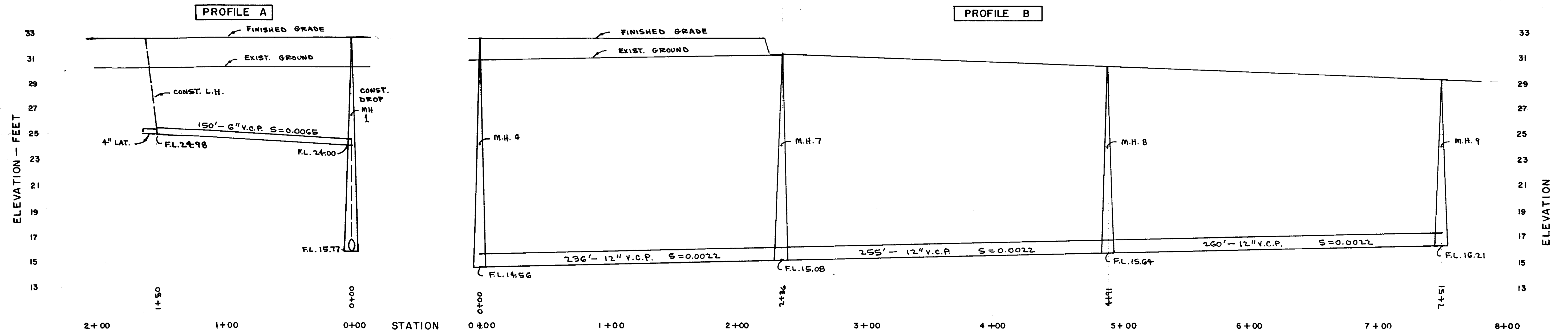
revisions			
no.	description	date	by

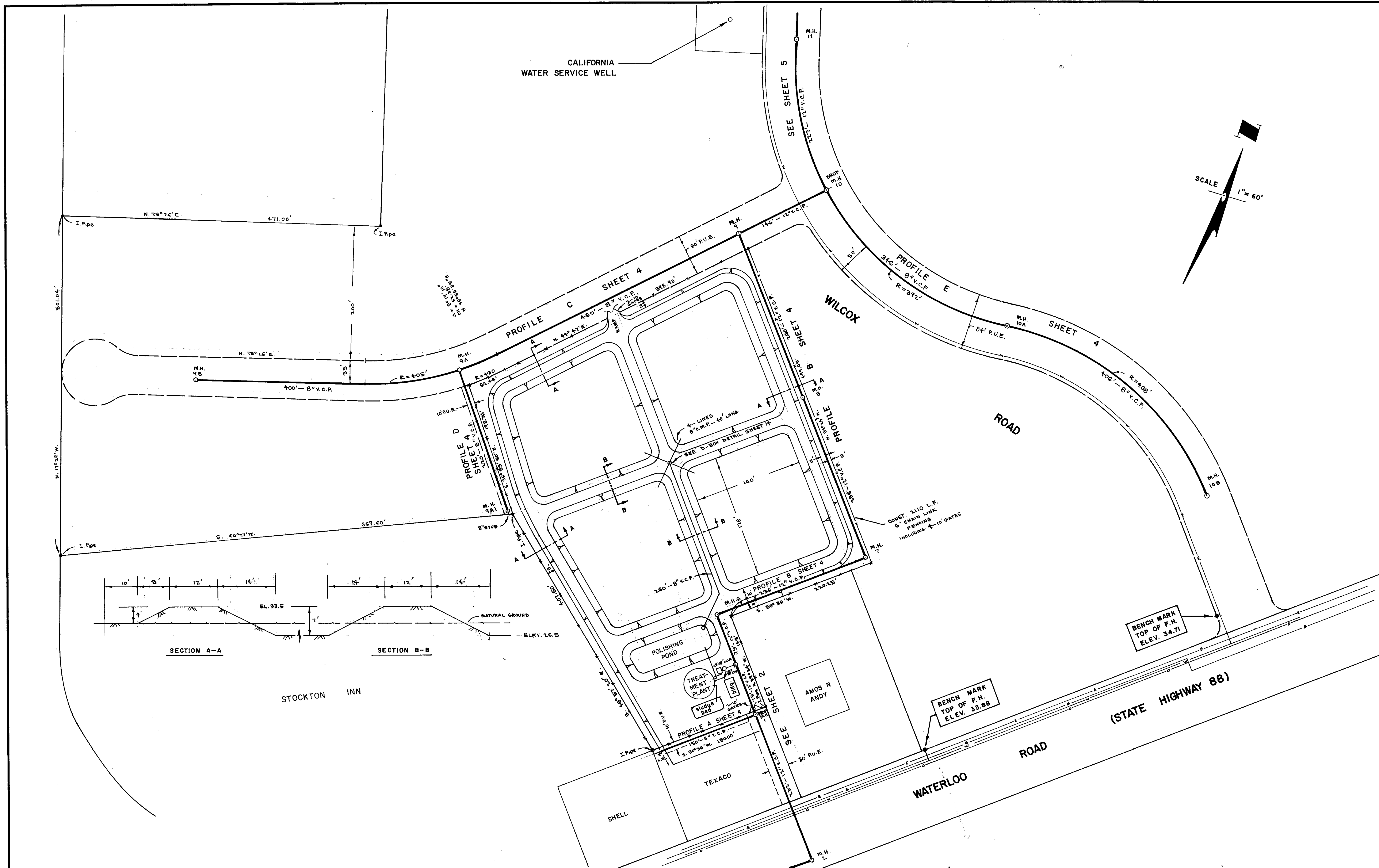
WONG ENGINEERS
 CIVIL ENGINEERING CONSULTANTS
 243 E. CHANNEL ST., STOCKTON, CALIF.
 R.C.E. No. 14269

job no. 1668
 date JULY 1977
 f. b. no.
 drawn
 design
 check

SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT
NO. 48 WATERLOO-99 SEWER ASSESSMENT DIST.
PLANS

SHEET
5
 OF
 FILE





APPROVED *November 15* 1977

APPROVED *Nov 22* 1977

revisions			
no.	description	date	by



WONG ENGINEERS
PLANNING • ENGINEERING • SURVEYING
STOCKTON, CALIFORNIA

R.C.E. No. 14269

job no. 1668
date AUGUST 77
scale 1" = 60'
drawn D.R.K.
design
check

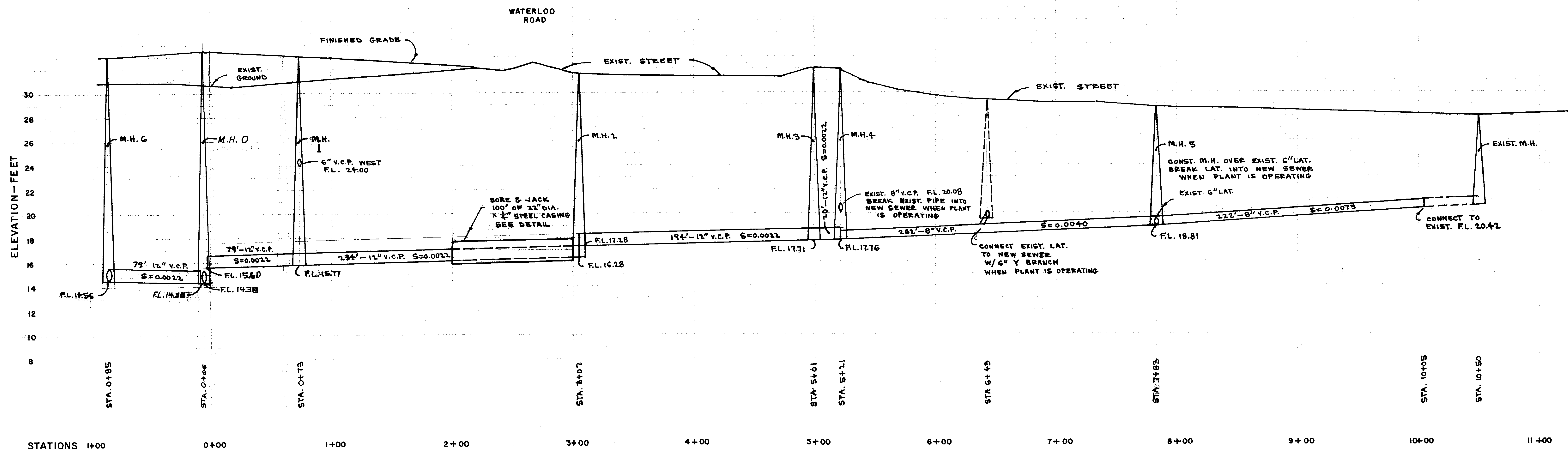
**SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT
NO. 48 WATERLOO-99 SEWER ASSESSMENT DIST.
PLANS**

SHEET
3
OF
FILE

PRINTED ON SHEET NO. 10000 CLEARPRINT

NOTE: THE CONTRACTOR SHALL APPLY FOR AN ENCROACHMENT PERMIT FOR CONSTRUCTION WITHIN WATERLOO ROAD. THE APPLICATION SHALL BE ACCOMPANIED BY A CORPORATE SURETY BOND IN THE AMOUNT OF \$ 5000.00

SCALE:
HORIZ. 1" = 40'
VERT. 1" = 4'



APPROVED _____ 19__

APPROVED *Nov. 22* 19 *77*

revisions			
no.	description	date	by



WONG ENGINEERS
CIVIL ENGINEERING CONSULTANTS
243 E. CHANNEL ST., STOCKTON, CALIF.

R.C.E. No. 14269

job no. 1668
date JULY 1977
f. b. no.
drawn
design
check

**SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT
NO. 48 WATERLOO-99 SEWER ASSESSMENT DIST.
PLANS**

SHEET
2
OF
FILE

54
10/68