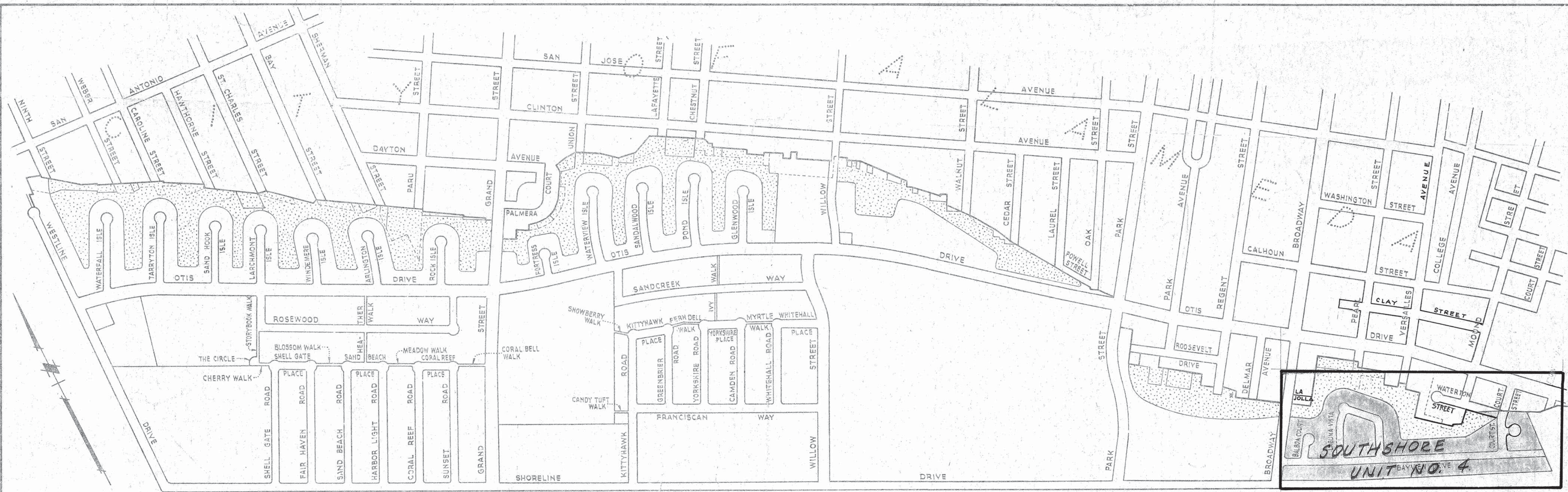


ATTACHMENT G (CONTINUED)

Lagoon 5 Available Seawall Plans



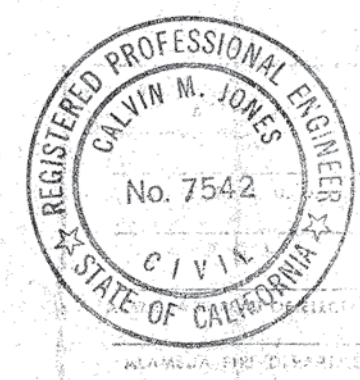
S A N F R A N C I S C O B A Y

GENERAL LOCATION PLAN

SCALE: 1"=400'

INDEX OF DRAWINGS	SHEET NO.
GENERAL LOCATION PLAN & INDEX OF DRAWINGS	1
SPECIFICATIONS & NOTES	2
TYPICAL SECTIONS & DETAILS	3
BAYVIEW DRIVE 0+00-10+00	4
BAYVIEW DRIVE 10+00-18+98.02	5
BALBOA COURT	6
LAGUNA VISTA	7
COURT ST	8
MISCELLANEOUS PROFILES	9
BAYVIEW DRIVE PUMPING STATION	10
NOTES, DETAILS & LEGEND (ELECTRICAL)	11
UTILITIES MAP (ELECTRICAL)	12
UTILITIES MAP (ELECTRICAL)	13
GENERAL LOCATION PLAN & RET. WALL DETAILS	14
DETAIL LOC. PLAN, LAGOON GRADING & RET. WALL	15
DETAIL LOC. PLAN, LAGOON GRADING & RET. WALL	16
LAGOON GRADING & RETAINING WALL DETAILS	17
DETAILS - BYVIEW-B'DWY, BAYVIEW CUL-DE-SAC	18

APPROVALS
 EDWARD J. Jones
 W. Depiccoli
 M. J. Herrera 2-25-64
 CIVIL ENGINEER



Revision	Date	By	Description
APPROVED:			GENERAL LOC. PLAN & INDEX OF SHEETS UNIT NO 4
Checked:		HRT	SOUTHSHORE, ALAMEDA, CALIF.
Drawn:		Staff	JONES-THEW ASSOCIATES
Surveyed:		Not a Survey	CIVIL ENGINEERS
Scale:	As Shown		445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA • (415) 326-2180
Date:	Dec. 18, 1963		Job No 1919/124 Sheet 1 of 18

SANITARY SEWERS AND STORM DRAINS

- All pipes shall be laid accurately according to the lines and grades shown on the plans. A string line shall be set and used at all times. A grade board with a shoe shall be used to set pipe flow line.
- Pipe ends and fittings shall be clean and free from sand when the joints are made. Joints shall be made in accordance with the manufacturer's recommendations.
- Sanitary sewer laterals shall be laid on a minimum slope of 1/4" per foot. Where slopes are greater, provide minimum 4.5' of cover from top of curb to top of pipe. Extend laterals 3' beyond sidewalk. Place an "S" on top of curb over all laterals.
- Match the center line of sanitary sewer laterals with the center line of the main. Wyes shall be used.
- When trench excavations are made in existing city streets, trench widths shall not exceed the following, unless approved by the Engineer.

Pipe Size	Trench Width
6"	24"
8"	26"
10"	28"
12"	32"
15"	32"

- Construction of manholes shall include furnishing frame and cover and setting within 6" of final grade where in paved area. In unpaved areas, set to grade.
- Sanitary sewer pipe shall be extra strong VCP.
- Storm sewer pipe shall be rubber gasket RCP.
- Plug all sanitary sewer laterals and mains not terminating in a manhole.
- All sanitary sewer laterals having less than 4.5' cover at curb line shall be cast iron.
- Where pipes cross with less than 0.1' clearance, concrete cradles shall be constructed for the upper pipe on each side of the lower pipe with 6" clearance between the lower pipe and the ends of cradles. Where it becomes necessary to cradle sewer pipe in settling ground, 1/2" expansion joint material shall be placed in the cradle at each pipe joint.
- Catch basin dimensions: W = 4'0", L = 3'0", R = 4", all catch basins shall be Type 4.
- In addition to ASTM requirements, reinforced concrete pipe shall be centrifugally spun and shall be supplied in wall thicknesses and D load strengths (3 edge) as follows:

Maximum Wall Thickness:

Pipe Size	in.	12	15	18	21	24	27	30	33	36
Max. Wall	in.	2	2-1/4	2-1/2	2-3/4	2-3/4	3	3	3	3-1/4

Greater wall thicknesses may be used so long as clearances to other utilities exceed 3".

D-load strength unless otherwise noted on the plans:

In street areas where cover is 2' to finish grade		2.5' to 3' cover to finish grade		Over 3' cover to finish grade	
12"	4000	12"	3000	12"	2250
15"	3200	15"	2750	15"	2250
18"	2750	18"	2250	18"	2150
21"	2500	21"	2000	21"	2000
24"	2250	over 21"	1750	over 21"	1750
27"	2250				
30"	2000				
over 30"	2000				

Less than 2' cover to finish grade

12"	4650
15"	4650

- Before construction of any pipe line shown upon these plans as intended to drain into an existing facility, the Contractor shall expose or open that facility and notify the Engineer so that its elevation may be verified by survey and such minor modification made to the construction grades as the Engineer may deem to be required.
- All manholes to be type A, unless otherwise noted on plans.
- Sanitary Sewer laterals to have a minimum of two feet separation.

GENERAL NOTES

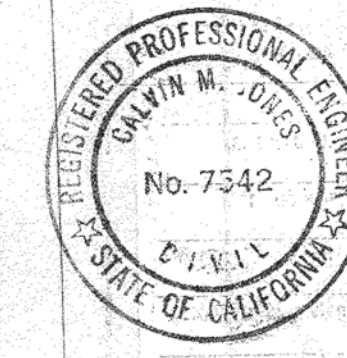
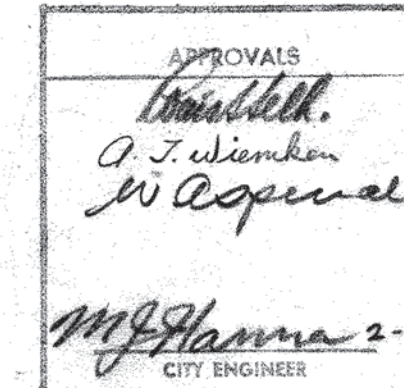
- Profiles show construction and ultimate grades. USE CONSTRUCTION GRADES ONLY.
- Street grades shown are gutter flow line unless otherwise indicated.
- All elevations are referred to City of Alameda Datum.
- All work shall be done in conformance with the Specifications and Special Provisions.
- The Contractor shall notify the Alameda City Engineer 24 hours prior to performing work requiring inspection.
Work performed or covered without giving reasonable notice will be subject to rejection.
- Lot sidelines are stationed at right angles from the center line.
- Power, Telephone, Fire Alarm, Street Lighting, are shown separately on "Utilities Map" Sheets, (Thru 19). Some of these utilities are shown on the street improvement plans for information only.
- Driveway locations will be provided prior to construction of curbs.
No curb is to be poured without prior instructions on driveways.
- Existing ground and mud lines shown are approximate only.
- Ground lines shown on the plans are prior to rough grading.
All streets will be graded to subgrade plus or minus 0.3' before underground installations are begun.
- Water Surface Data:
Lagoons: Normal W/S = -1.2
Maximum W/S = 1.0
Bay: 0.0 U.S.G.S. Datum = -3.41 Alameda Datum
Mean Higher High Water = 0 Alameda Datum
- "Settlement" and "Subsidence" as shown on these plans is revised to conform to subsidence study by DAMES & MOORE for 30-year period following November 1961, as revised in October 1963.
- Ground cover planting, where required by these plans, shall be freshly cut tips of "ice plant", 10" minimum length, of type approved by the City of Alameda and shall be spaced 18" apart both ways and set at least 4" deep with 2 nodes covered and fertilized with ammonium sulfate applied at 10 pounds per 1000 square feet. Cuttings will be available to Contractor from City of Alameda at the golf course area without cost.

GRADING AND PAVING

- Paving shall include setting all manhole frames and monument boxes within the paved area.
- All manhole frames and covers, monument boxes and valve boxes shall be set to grade prior to final paving.
The Contractor shall notify utility companies, giving adequate notice to allow them to set valve boxes or manhole covers which lie within the paved area.
- Excavation from the street areas will be placed on the residential lots to produce a minimum grade from front to rear of lot of 1%, or as directed by the Engineer.
- All street intersections to be constructed to grades established by the Engineer.
- Local depressions at curb inlets 12' long, unless otherwise noted.
- Excess earth material resulting from construction and site grading operations shall be distributed upon the interior of the lots, and the surface area of said lots graded to substantially conform with the interior drainage configuration. Said grading of lots and of the beach slopes shall be considered a part of the cost of construction and site grading and no separate or additional compensation shall be paid to Contractor therefor.
- All gutters and local depressions to be 1'-6" wide.

LEGEND

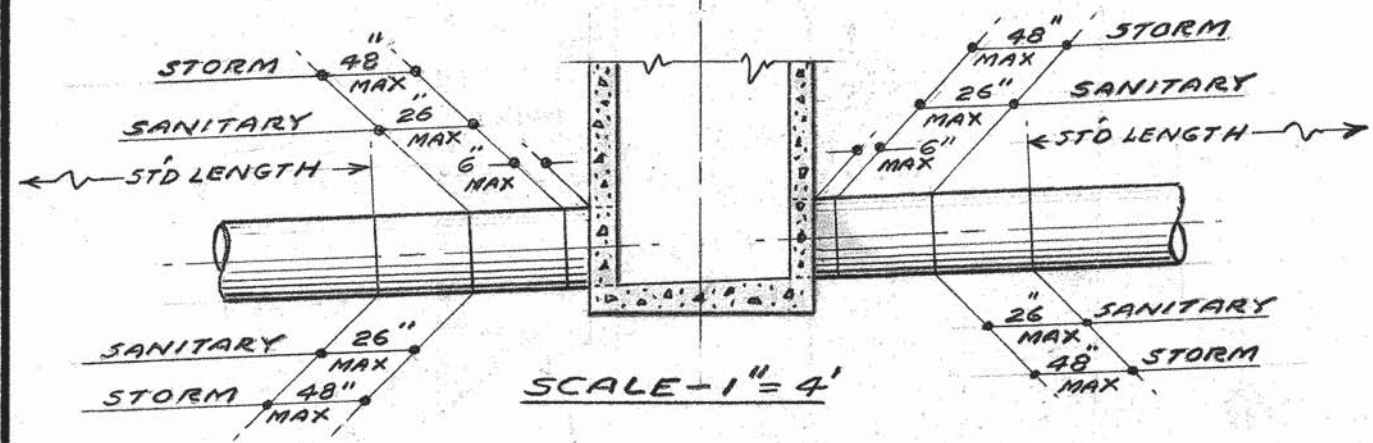
	Sanitary Sewer
	Storm Sewer
	Water Main
	Gas Main
	Telephone Pole
	Monument Box
	Power Pole
	Manhole
	Barricade
	Catch Basin
	Electrolier
	Fire Hydrant
	Transformer
	Fire Alarm Box
	Telephone Manhole
	Gutter Slope
	Sewer Slope
	Public Utilities Easement
	Top of Curb
	Gutter Line
	Inside Bottom of Pipe
	Planter
	W-2 Street Name Sign
	W-2 Street Name Sign and "Blind" Sign
	W21R Traffic Warning Sign at Cul-de-sacs.
	Electrolier Bearing Street Name Sign
	Electrolier Bearing Street Name Sign and "Blind" Sign
	Stop Sign
	Curve Sign



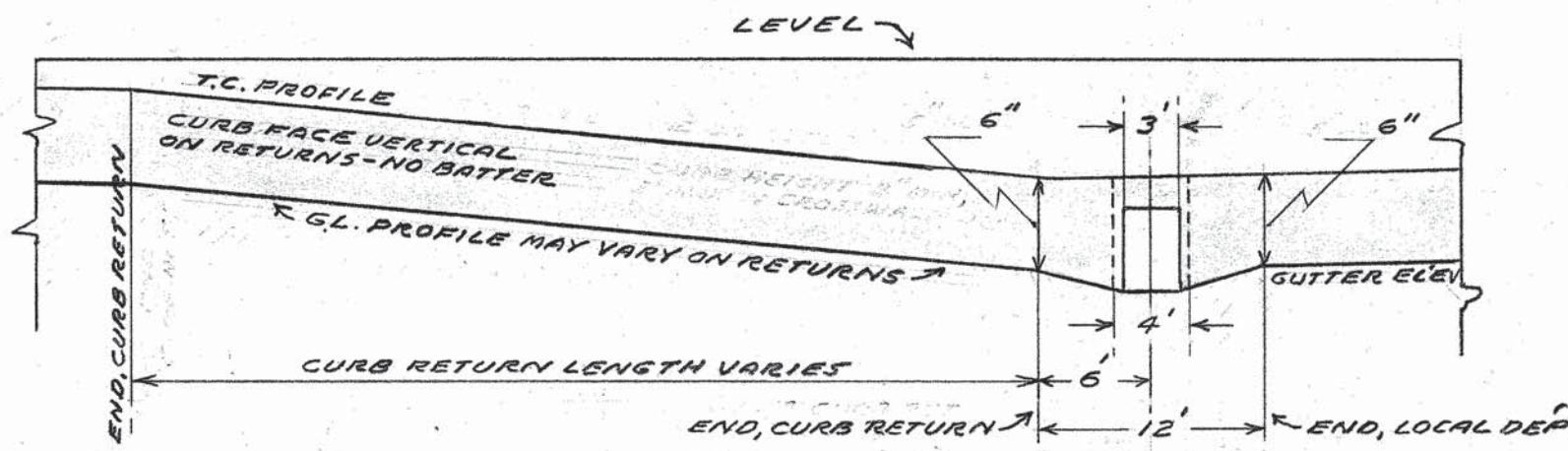
Revision	Date	By	Description
APPROVED:			
			SPECIFICATIONS & NOTES
			UNIT NO. 4
			STREET IMPROVEMENTS
			SOUTHSHORE, ALAMEDA, CALIF.
Checked: HRT			JONES-THURN ASSOCIATES
Drawn: EB, MGS.			CIVIL ENGINEERS
Surveyed: Not a survey			
Scale:			445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA * (415) 326-2180
Date: DEC 18 1963			Job No. 1913-124 Sheet 2 of 18

TYPICAL DETAIL
CONNECTION OF MAIN TO MANHOLE OR CATCH
BASIN IN AREAS LIABLE TO SUBSIDENCE

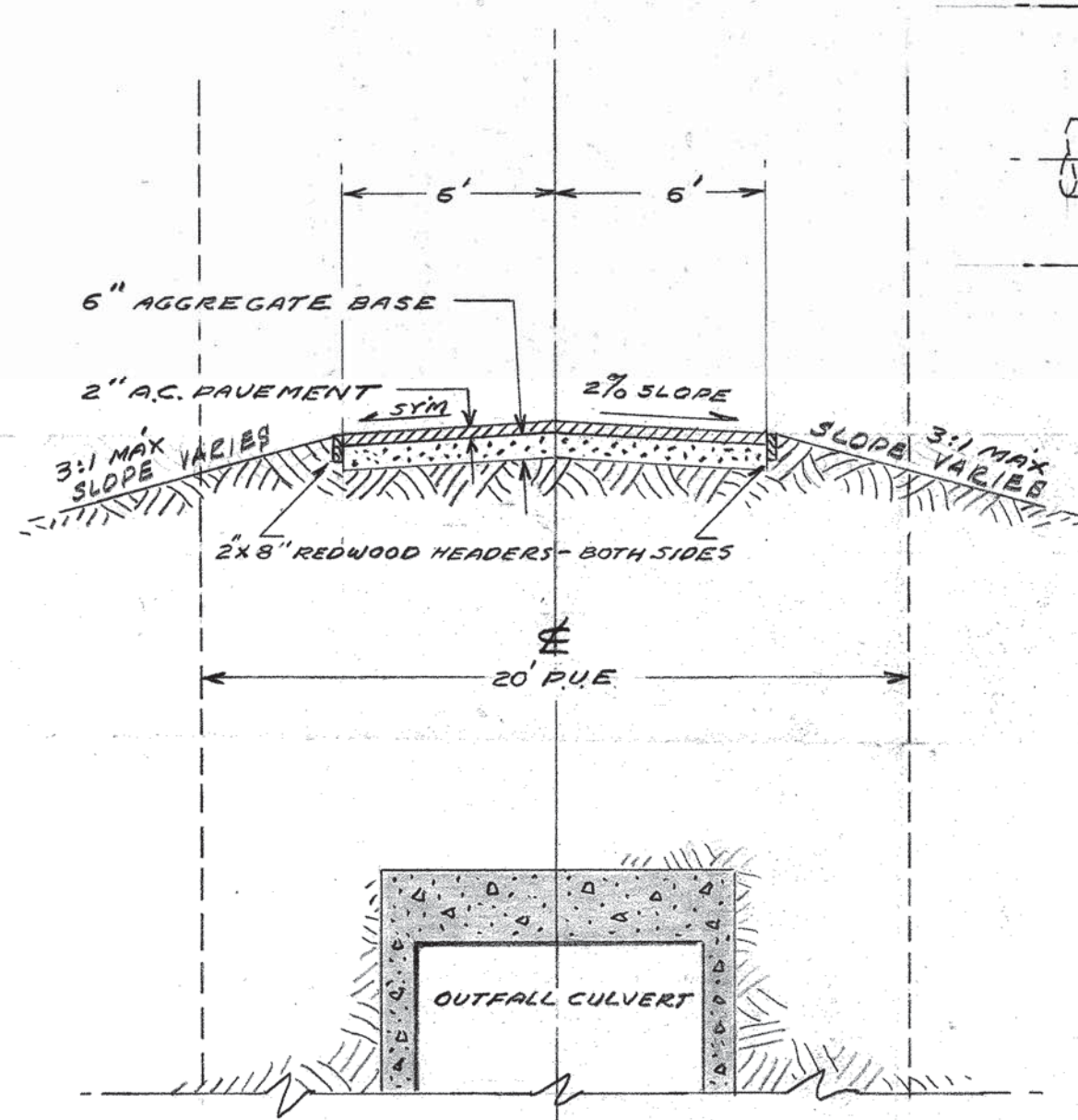
(DIMENSIONS ARE FROM MANHOLE FACE TO END OF STUB)



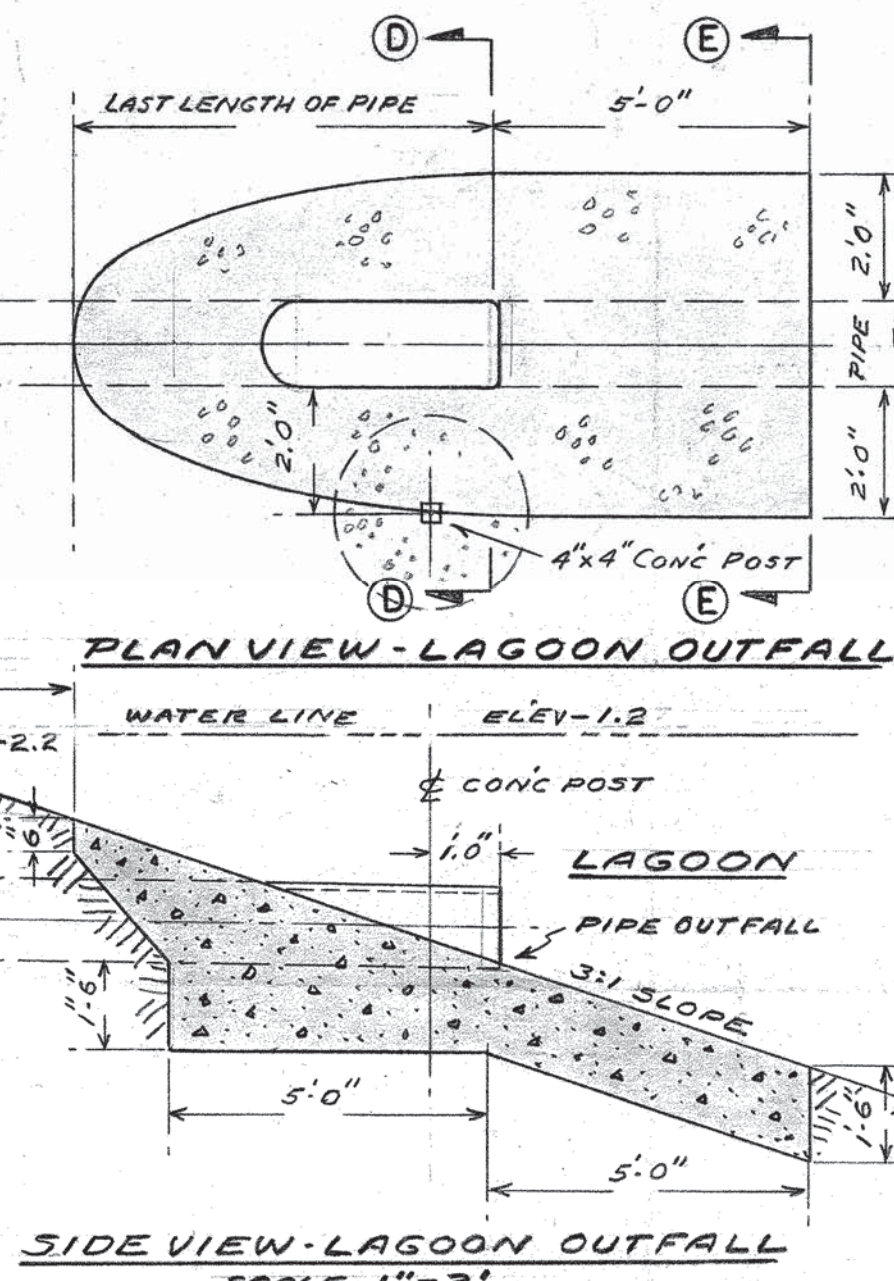
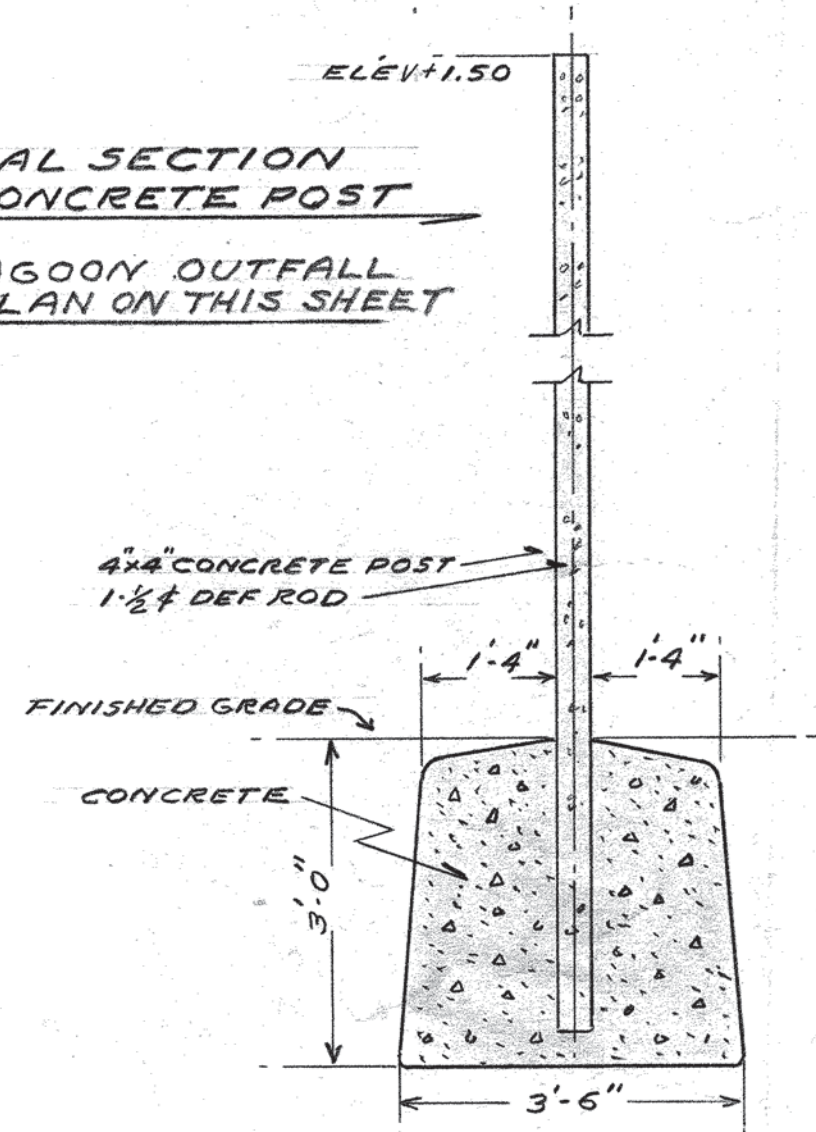
TYPICAL PROFILE - CURB AND GUTTER
AROUND CURB RETURN - SEE TYP INTERSECTION
 (SCALE - 1" = 10' HORIZ - 1" = 1' VERT)



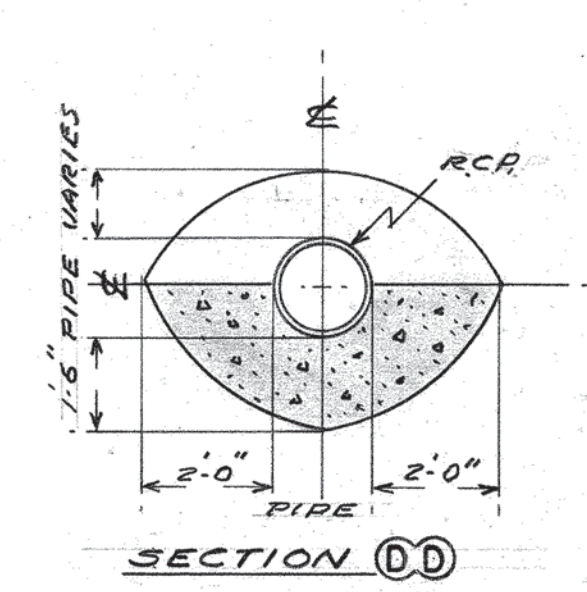
SECTION
OUTFALL CULVERT ACCESS ROAD
 SCALE - HORIZ 1" = 5' - VERT 1" = 2'



TYPICAL SECTION
4" x 4" CONCRETE POST
 LAGOON OUTFALL
 SEE PLAN ON THIS SHEET

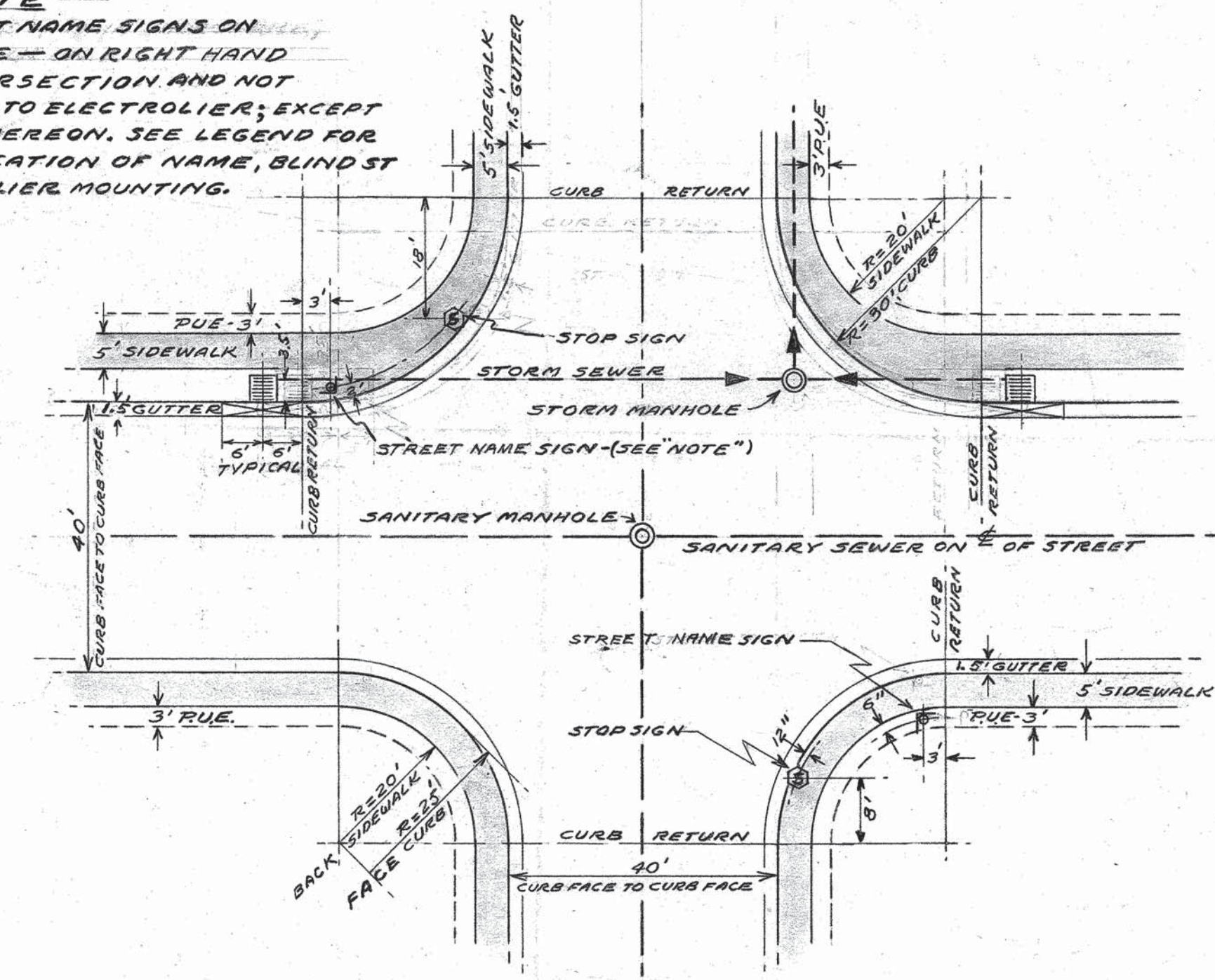


SIDE VIEW - LAGOON OUTFALL
 SCALE - 1" = 3'

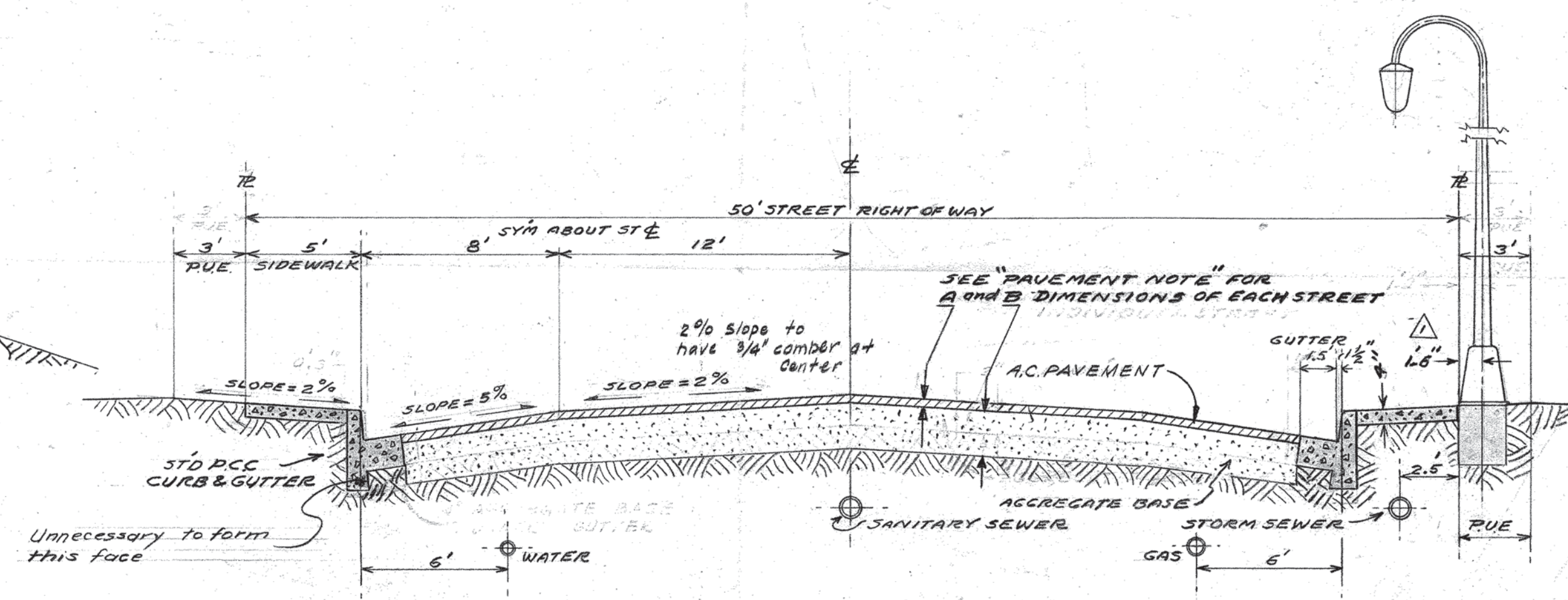


APPROVALS
 A. J. Wierman
 W. W. Bepko
 M. J. Hanna
 CIVIL ENGINEER
 No. 22564

NOTE
 PLACE STREET NAME SIGNS ON
 MAIN THOROUGHFARE - ON RIGHT HAND
 FAR SIDE OF INTERSECTION AND NOT
 CLOSER THAN 5 FT TO ELECTROLIER, EXCEPT
 WHEN MOUNTED THEREON. SEE LEGEND FOR
 SYMBOL IDENTIFICATION OF NAME, BLIND ST
 SIGNS, OR ELECTROLIER MOUNTING.



TYPICAL INTERSECTION
 SCALE 1" = 20'

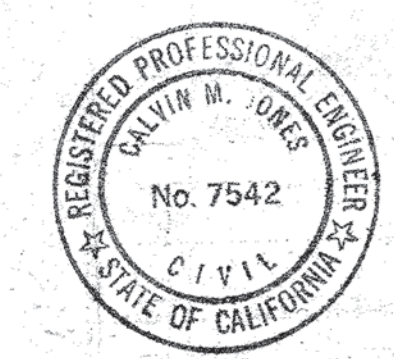


TYPICAL SECTION OF SUBDIVISION STREET
 HORIZ SCALE 1" = 5' - VERT SCALE 1" = 2'

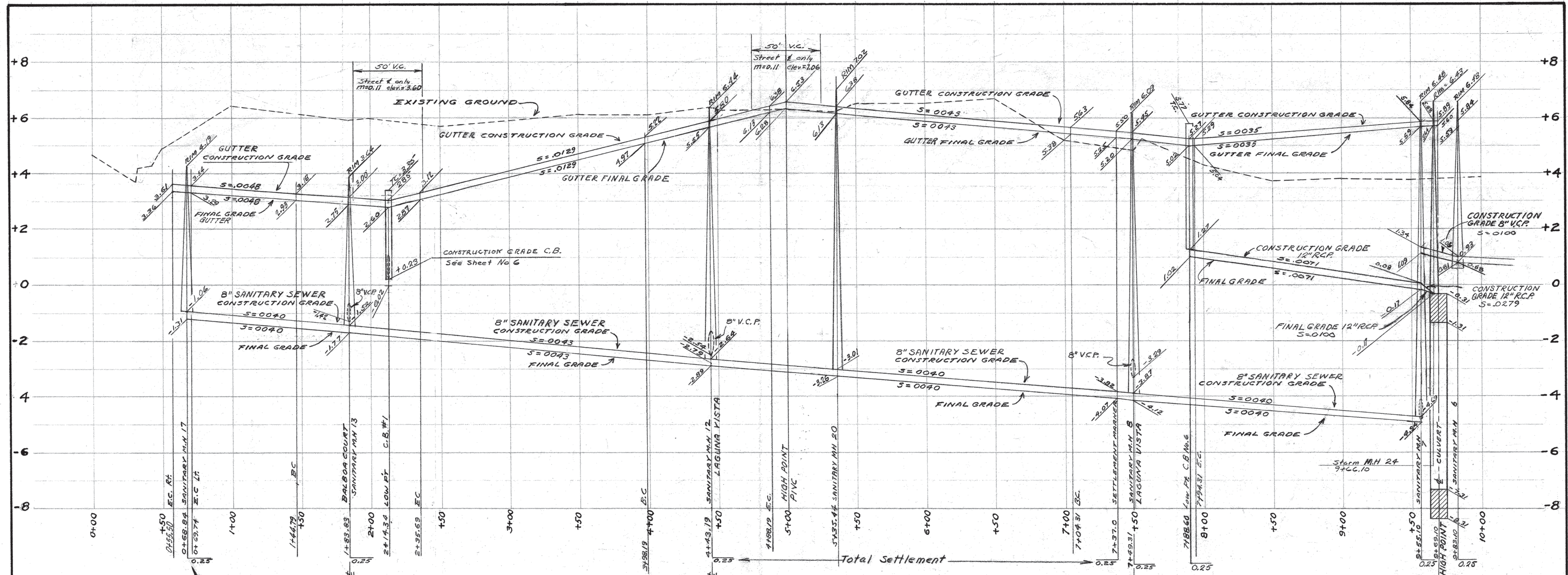
PAVEMENT NOTE

STREET NAME	A PAVT	B BASE
BAYVIEW DRIVE	3"	8"
LAGUNA VISTA	2"	8"
COURT STREET	3"	8"
COURT ST. CUL de Sac	2"	8"
BALBOA COURT	2"	8"

1/2" AC. SURFACE COURSE ON
 1/2" AC. BASE COURSE



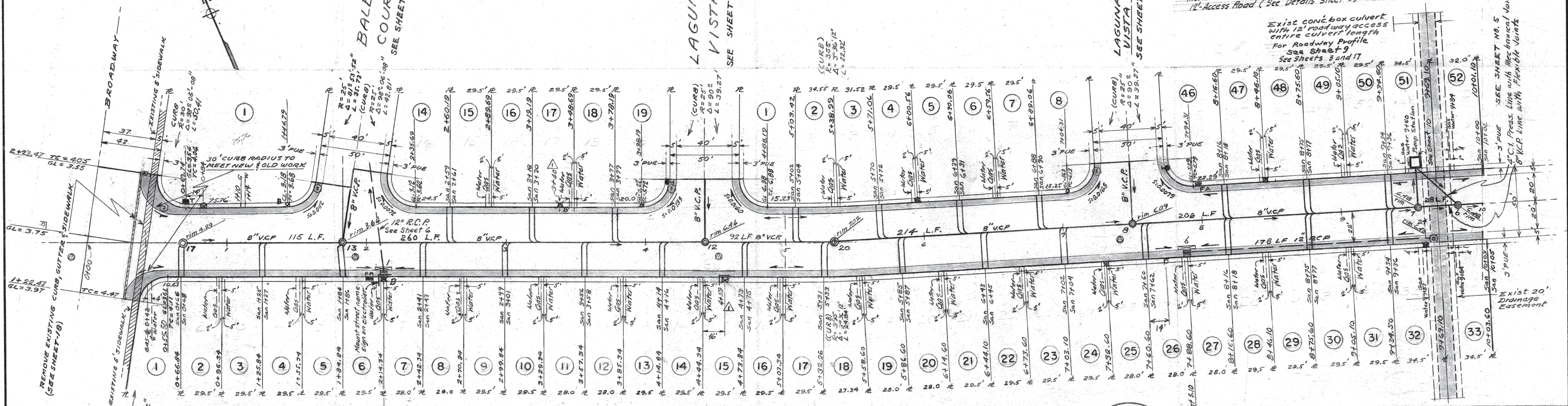
Revision	4-7-64	EB	Changed dimension electrolier base
Date		By	
APPROVED:	TYPICAL SECTIONS & DETAILS		
Checked:	UNIT NO. 4		
Drawn:	STREET IMPROVEMENTS		
Surveyed:	SOUTHSHORE, ALAMEDA, CALIF		
Scale:	JONES-THENN ASSOCIATES		
Date:	CIVIL ENGINEERS		
	AS SHOWN	445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA - (415) 326-2000	
	DEC 18 1963	Job No. 1913-124	Sheet 3 of 18



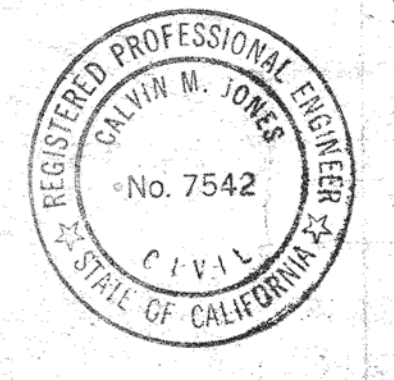
Install construction joint in curb, gutter, & sidewalk on each side of driveway wings of Standard Driveway approaches.
 Install removable steel posts at both entrances to 12" Access Road (See Details Sheet 9)

Exist conc. box culvert with 12" roadway access with 12" culvert along the entire roadway length. For roadway profile see Sheet 9. See Sheets 3 and 17.

SEE SHEET NO. 5
 3" PUE
 2" C.I. Press. Line with Mechanical Joints
 8" V.C.P. Line with Flexible Joints

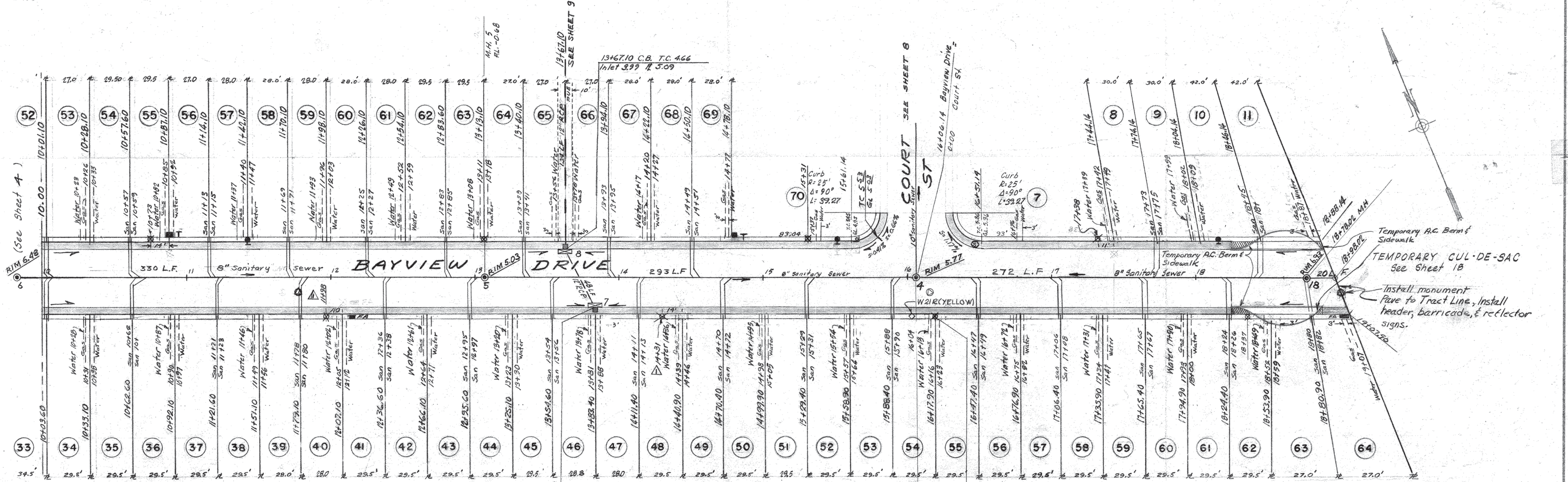
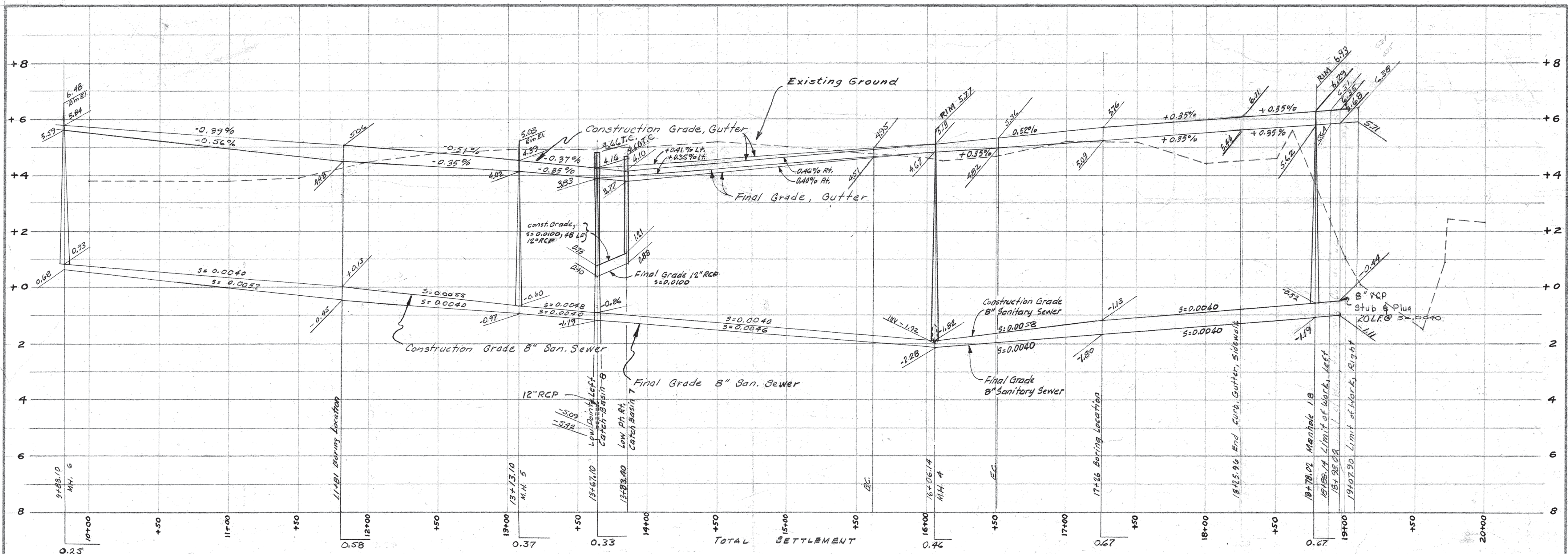


BAYVIEW DRIVE



APPROVALS
 [Signature]
 [Signature]
 [Signature]
 M.J. Hanna
 CITY ENGINEER 2-25-64

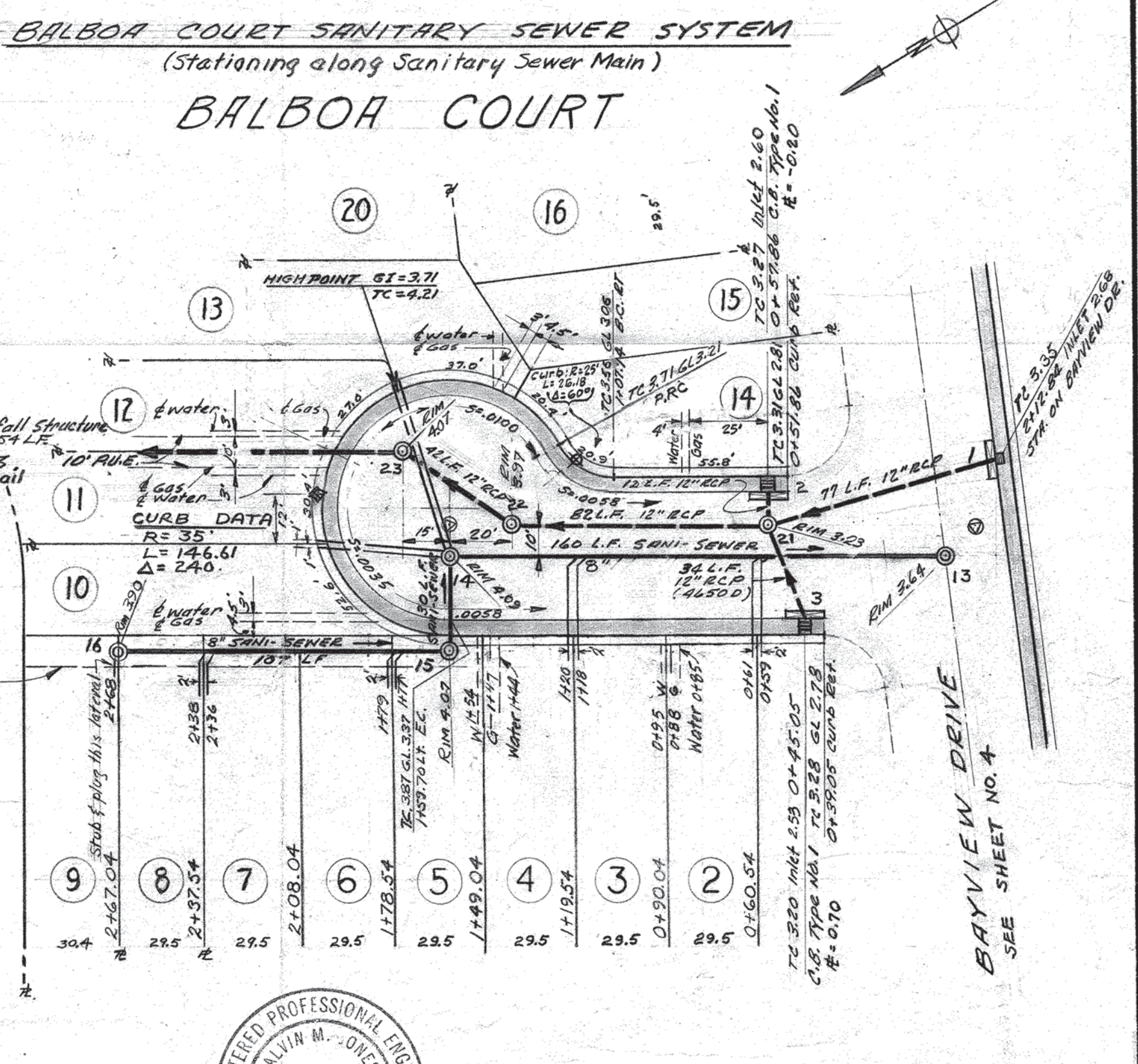
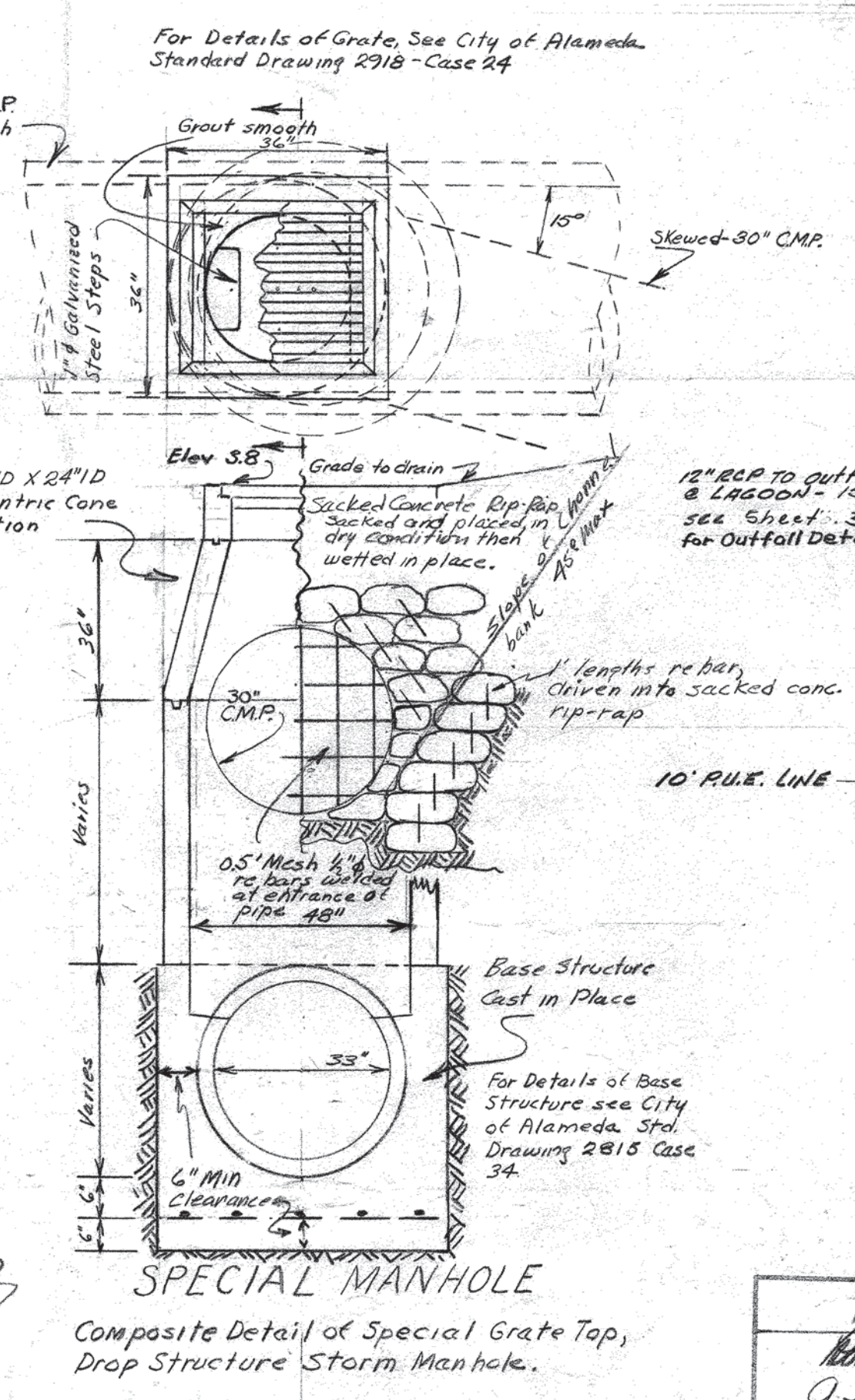
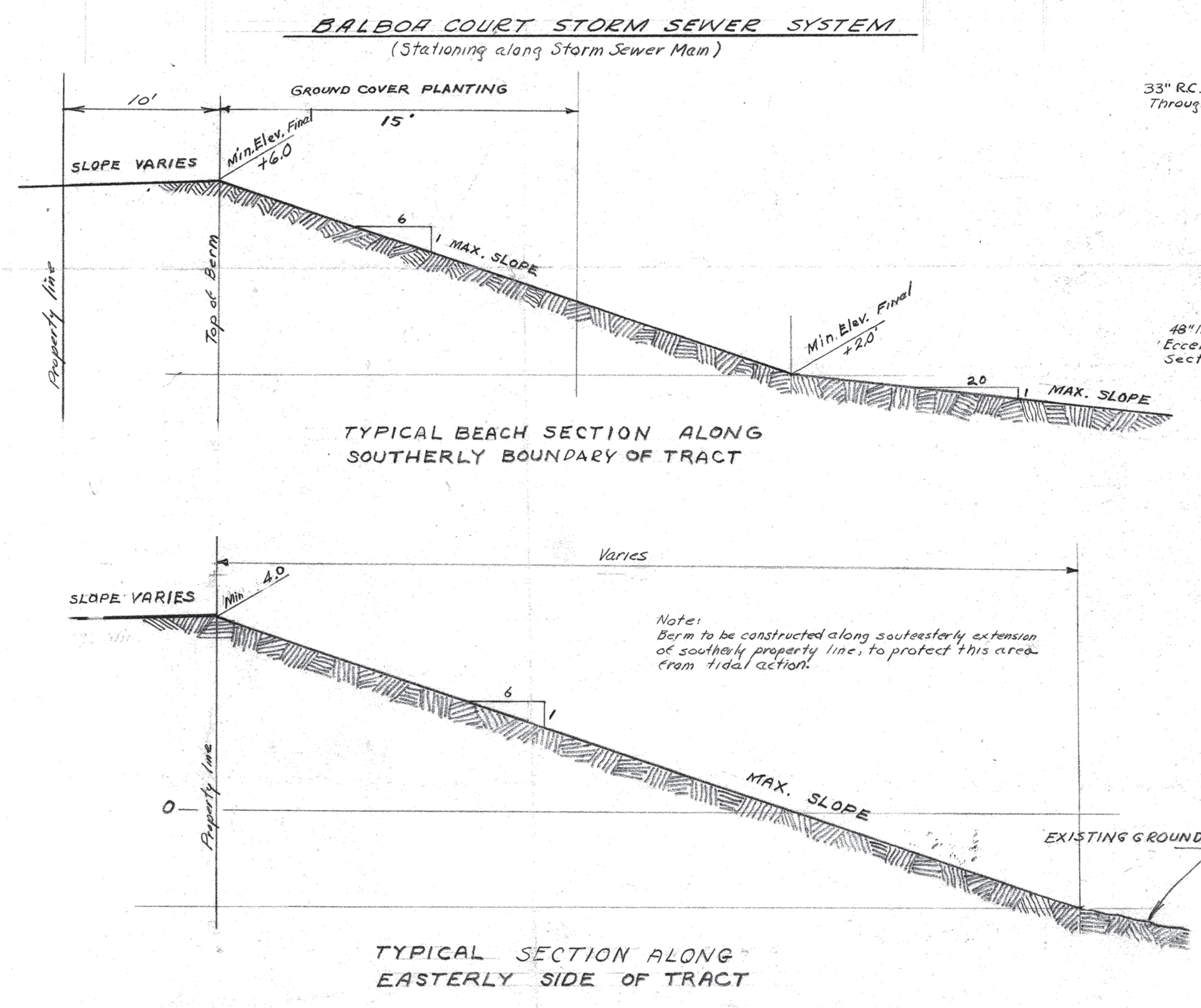
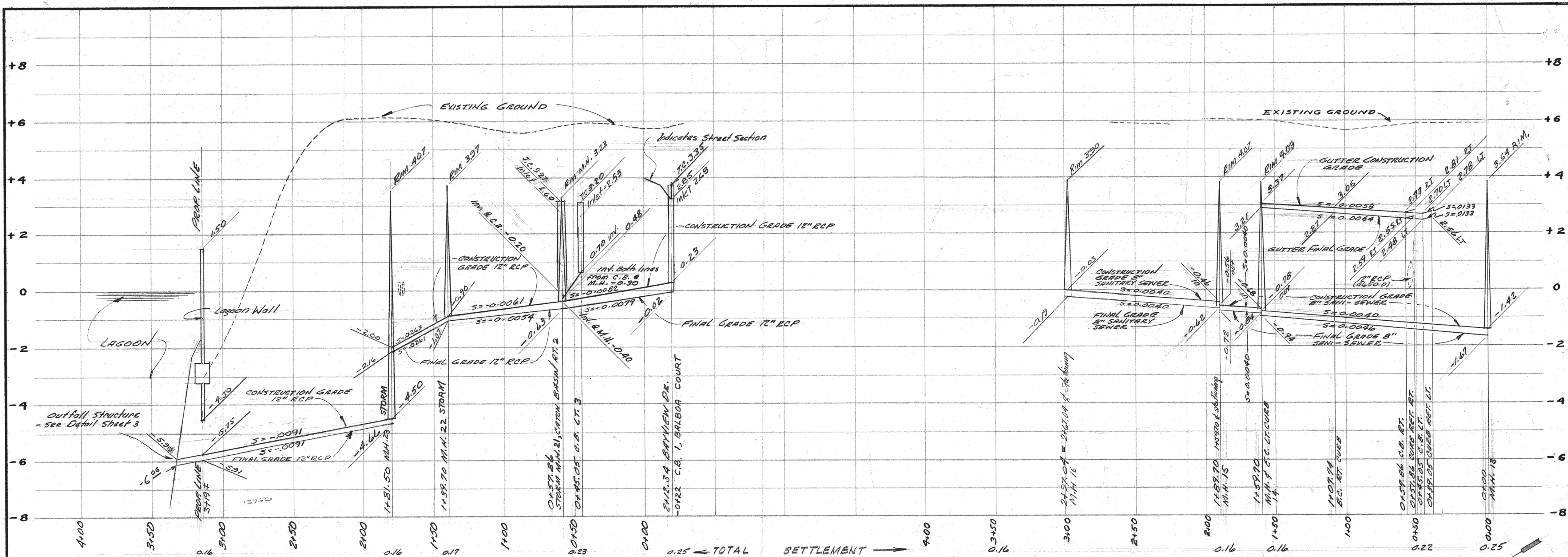
Revision	Date	By	Description
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APPROVED:			BAYVIEW DRIVE 0+00-10+00 UNIT NO. 4
Checked by:			STREET IMPROVEMENTS
Drawn by:			SOUTHSHORE, ALAMEDA, CALIF
Surveyed by:			JONES-THURN ASSOCIATES
Scale:			CIVIL ENGINEERS
Date:			445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA • (415) 326-2180
Job No.:			DEC 18 1963 Job No. 1913-124 Sheet 4 of 18



APPROVALS
Kevin Hill
J. J. Williams
W. Cooper
M. J. Hanna
 CITY ENGINEER 2-25-64



Revision	Date	By	Description
1	4-26-65	B.A.D.	AS BUILT
APPROVED:			BAYVIEW DRIVE 10+00-18+98.02 UNIT NO. 4 STREET IMPROVEMENTS SOUTHSHORE, ALAMEDA, CALIF.
<i>Calvin M. Jones</i> Civil Engineer, R.E. No. 7542			
Checked: HRT			JONES THURN ASSOCIATES CIVIL ENGINEERS
Drawn: RMC			
Surveyed: Not a Survey			445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA • (415) 326-2180
Scale: 1/2" = 40' Horiz 1/2" = 40' Vert			
Date: Dec 18, 1963			Job No. 1913-12A Sheet 5 of 18



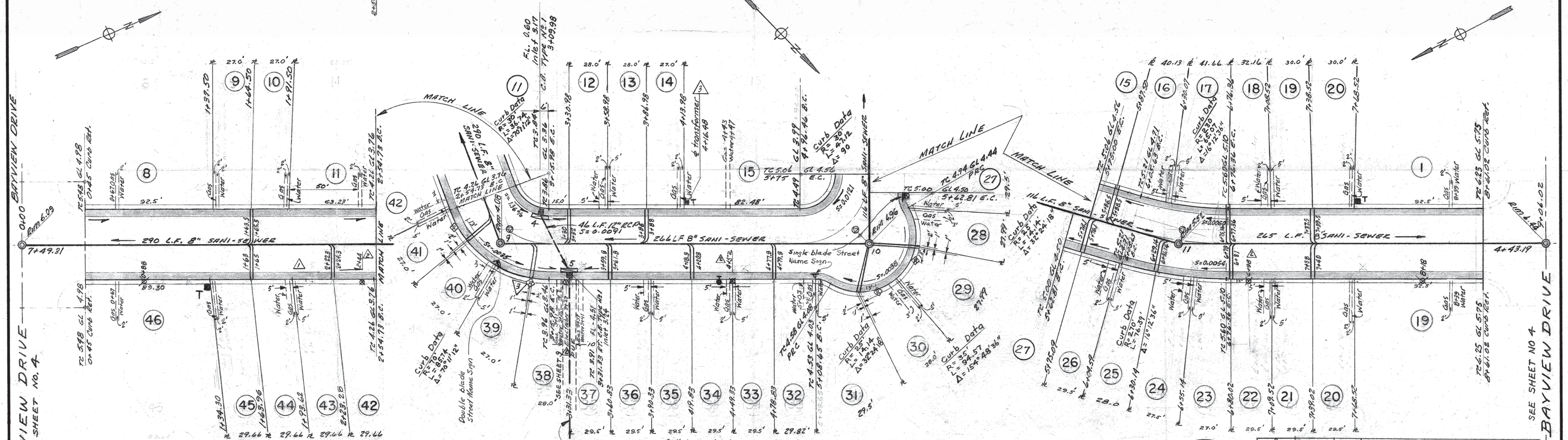
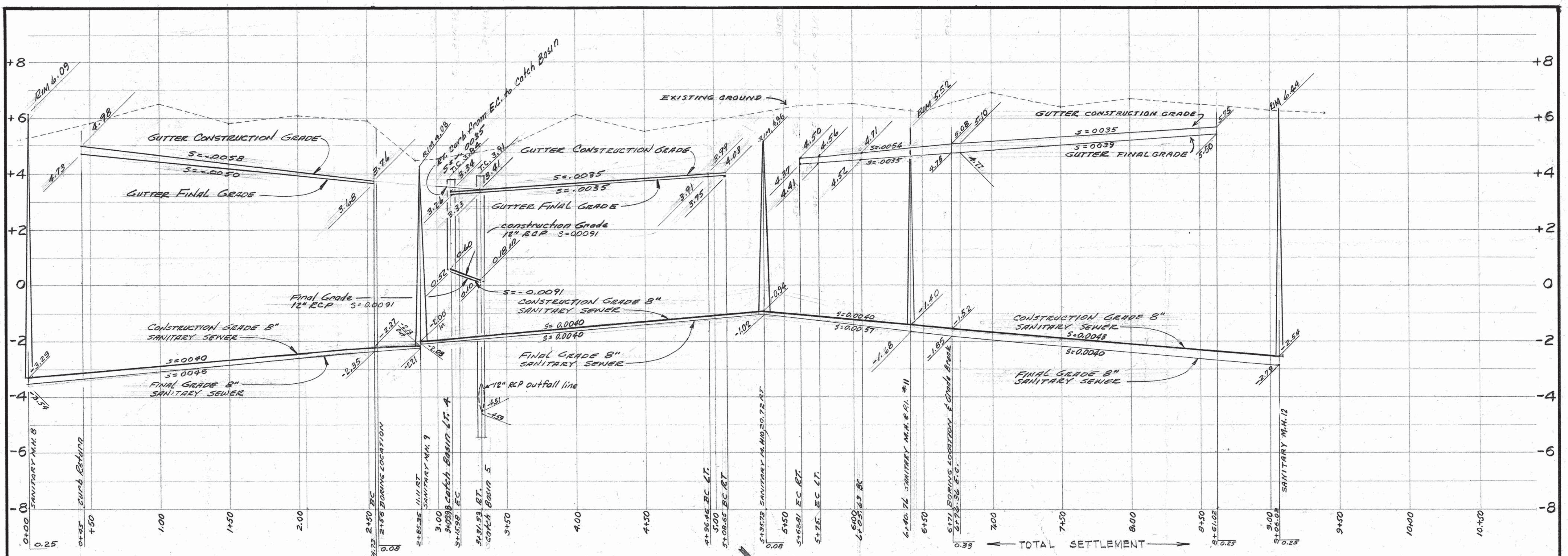
APPROVALS
[Signature]
[Signature]
 City Engineer 2-25-64

REGISTERED PROFESSIONAL ENGINEER
 BALWIN M. JONES
 No. 7542
 CIVIL
 STATE OF CALIFORNIA

Revision	Date	By	Description
APPROVED:			
Checked:			
Drawn:			
Surveyed:			
Scale:			
Date:			

BALBOA COURT ENTIRE CUL-DE-SAC UNIT NO. 4 STREET IMPROVEMENTS

JONES-THEMM ASSOCIATES
 CIVIL ENGINEERS
 445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA (415) 326-2180
 Job No. 1913-124 Sheet 6 of 18



LAGUNA VISTA

SEE SHEET NO. 4 BAYVIEW DRIVE

SEE SHEET NO. 3 BAYVIEW DRIVE

12" RCP Outfall Line to Lagoon, 134 LF
For Profile see Sheet No. 3
For Outfall see Sheet No. 3

APPROVALS
John Stolt
 A. J. Williams
 W. Copeland

M. Hanna
 CITY ENGINEER 2-25-64

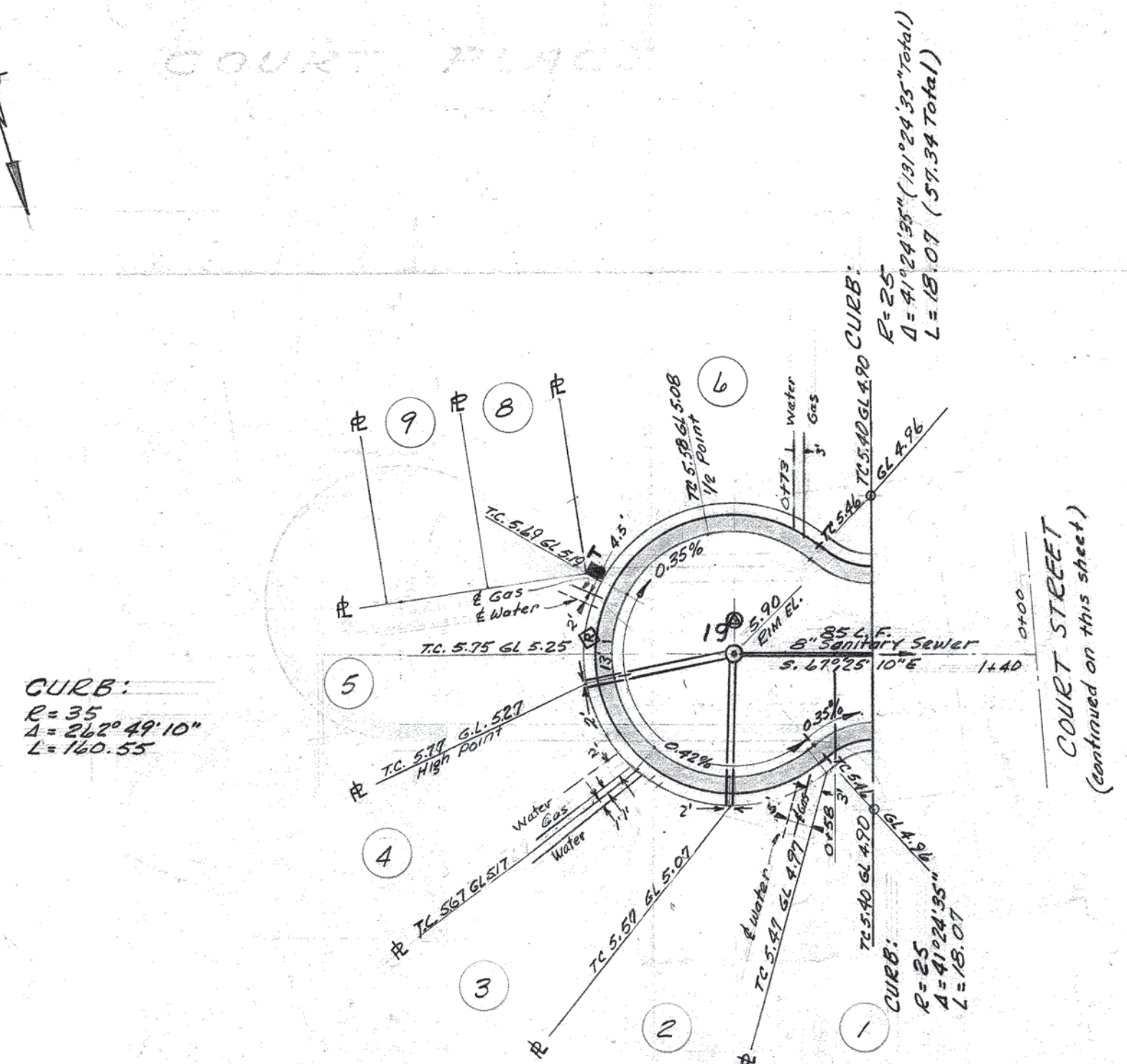
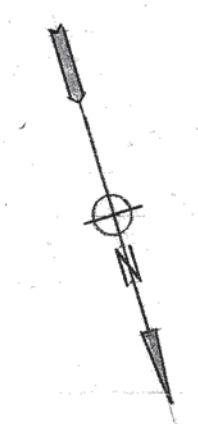
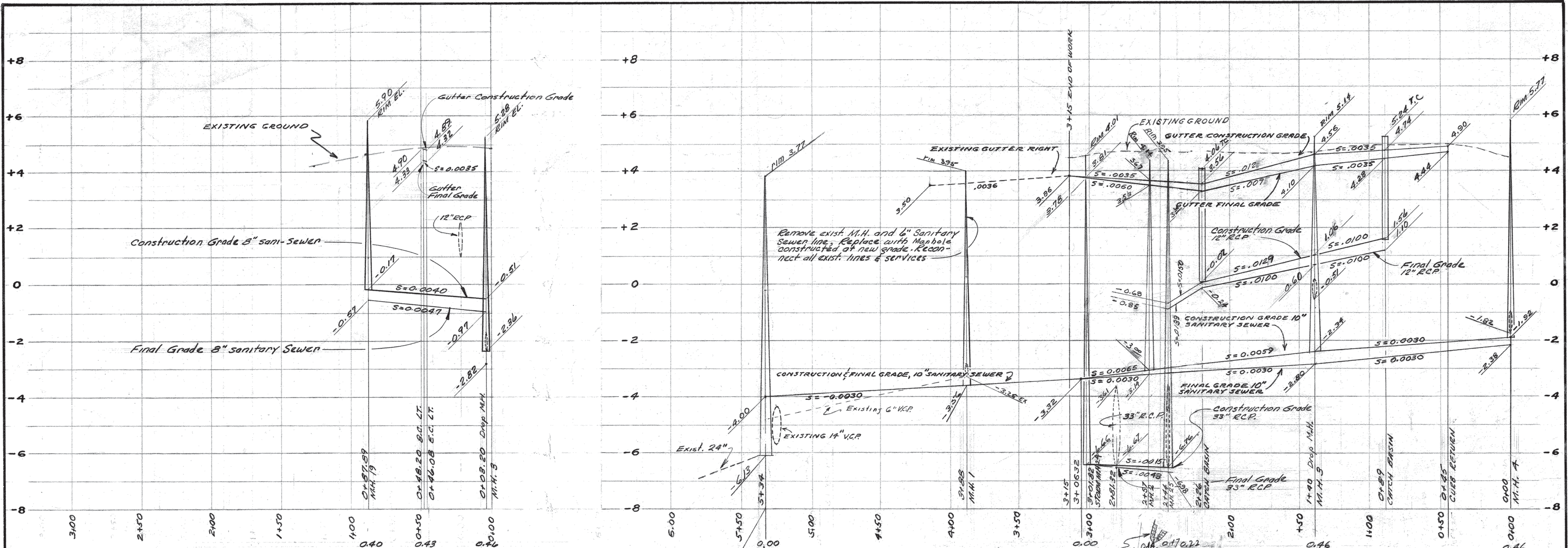
REGISTERED PROFESSIONAL ENGINEER
 CALVIN W. JONES
 No. 7542
 CIVIL
 STATE OF CALIFORNIA

2-28-66	WMD	As built changes
4-26-65	PAD	Rev. Loc. Electricians As built.
4-7-64	EB	Rev. location electrician 2+05' & MH.
Revision	Date	By
APPROVED:		
Checked:	HRT	
Drawn:	# & EWC	
Surveyed:	Not a Survey	
Scale:	1"=40' Horiz 1/2"=1'	
Date:	DEC 18 - 1963	

LAGUNA VISTA
 STA. 0+45 TO STA. 8+61.02
 UNIT NO. 4
 STREET IMPROVEMENTS

JONES-THORN ASSOCIATES
 CIVIL ENGINEERS
 345 SHERMAN AVENUE, PALO ALTO, CALIFORNIA (415) 326-2180
 Job No. 1913-124 Sheet 7 of 18

5482-111



NOTE:
 Contractor shall continue his operation within the boundary of this tract and shall not enter upon lands adjacent thereto without special permission of the owners. The contractor shall also be responsible for bracing and shoring of trenches, and any other precautionary measures to protect adjacent property from damage as a result of his operation.

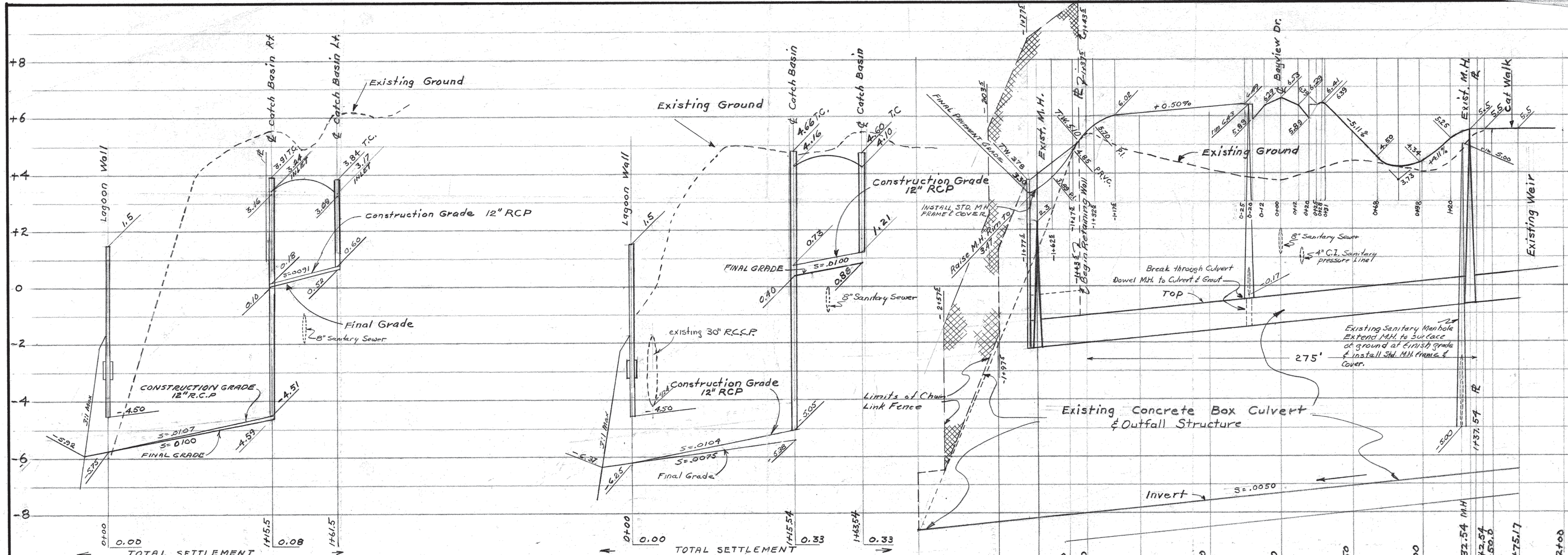


Revision	Date	By	Description
1	4-10-64	EB	Misc. revisions & additions ref. change order #2
2	11-1-72	HWD	Note

APPROVALS
[Signature]
 A. Zulienken
 W. Loperall
 M. J. Hanna

APPROVED:
[Signature]
 Civil Engineer, R.E. No. 7596
 Checked: HRT
 Drawn: # & PWC
 Surveyed: Not a Survey
 Scale: 1" = 40' Horiz. 1" = 20' Vert.
 Date: DEC 18 - 1963

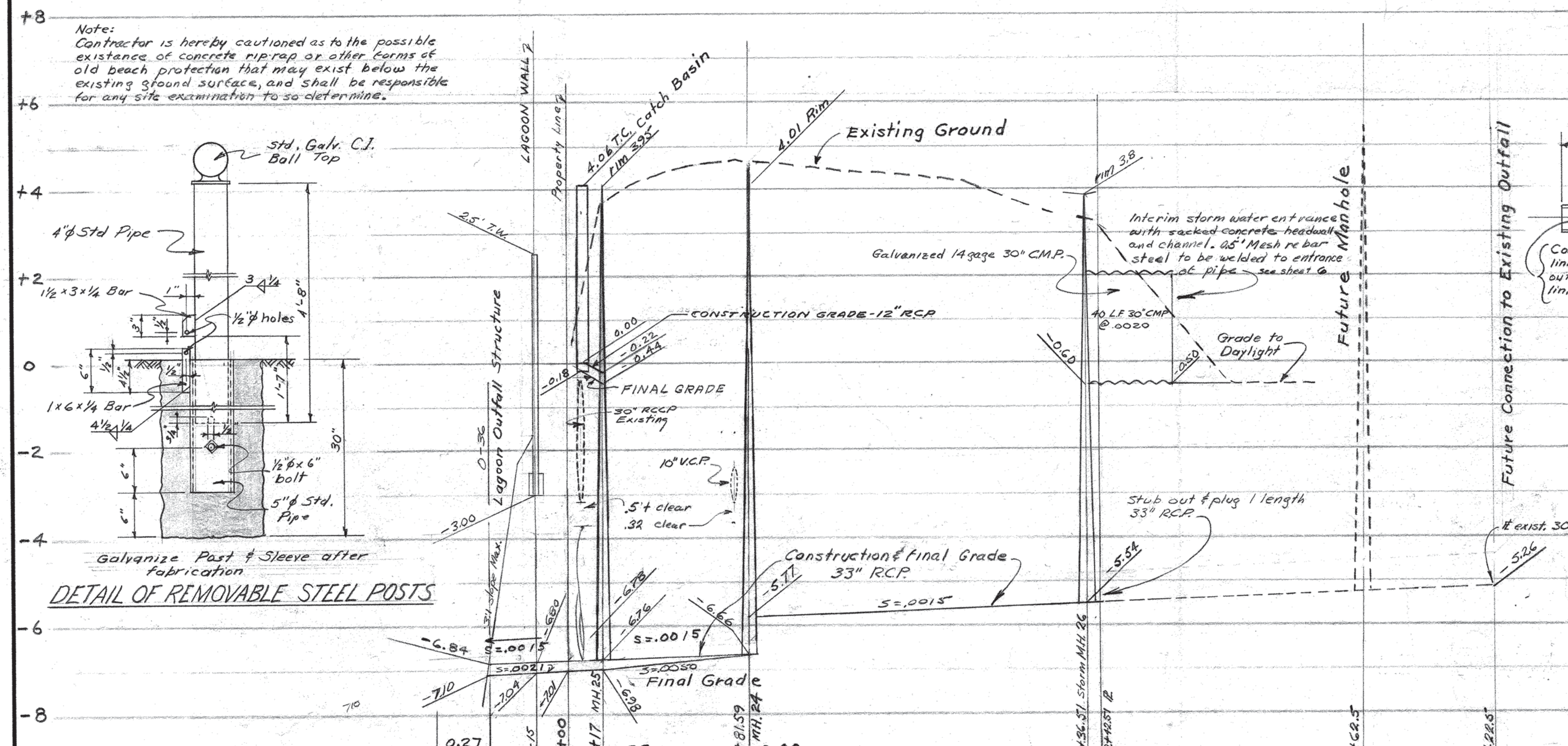
COURT STREET
 STA. 0+45 TO T/L
 UNIT NO. 4
STREET IMPROVEMENTS
 JONES-THENN ASSOCIATES
 CIVIL ENGINEERS
 445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA • (415) 326-2180
 Job No 1913-124 Sheet 8 of 18



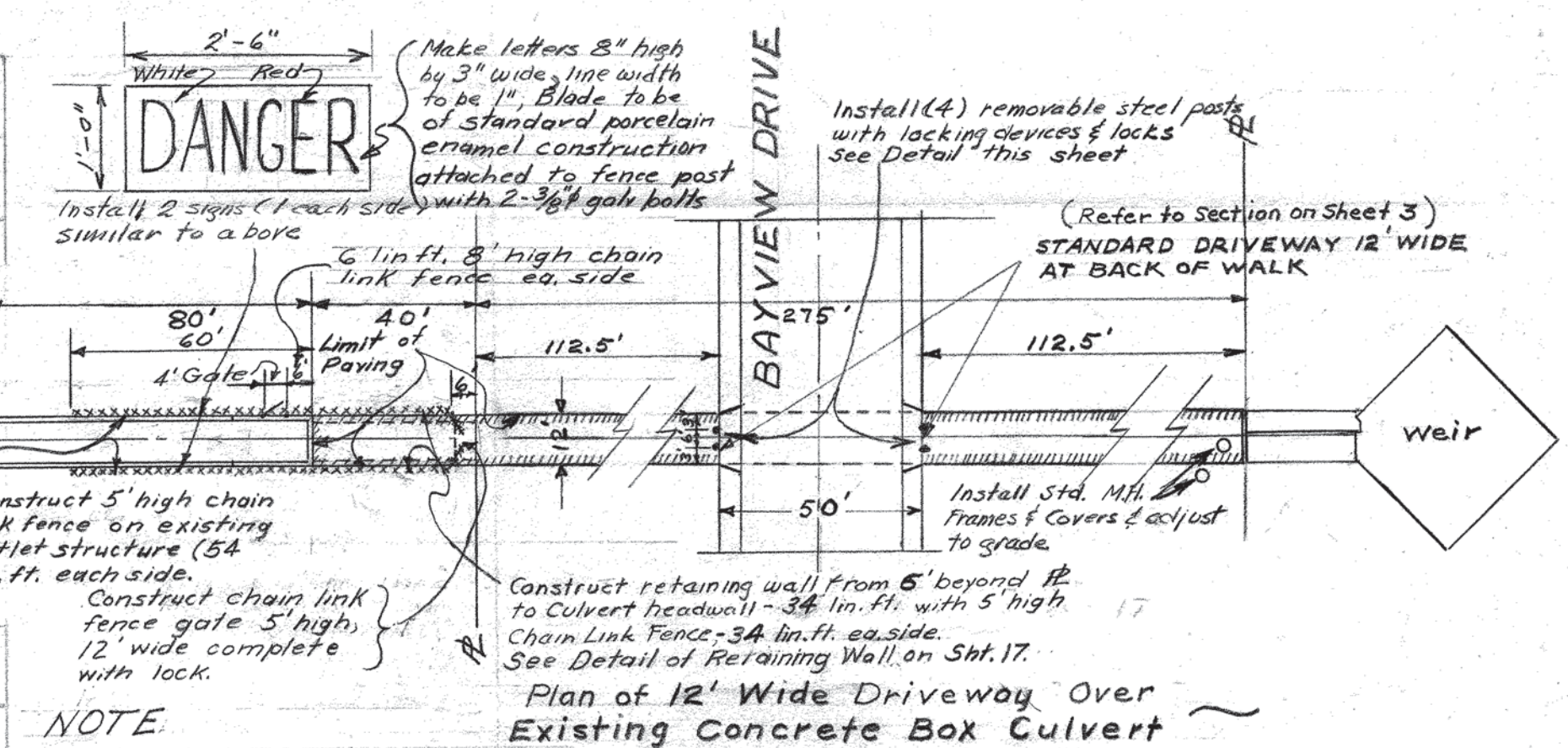
Profile of Storm Sewer System at Station 3+31.33, Laguna Vista SEE SHEET 7 FOR PLAN

Profile of Storm Sewer System at Station 13+67.10 Bayview Drive SEE SHEET 5 FOR PLAN

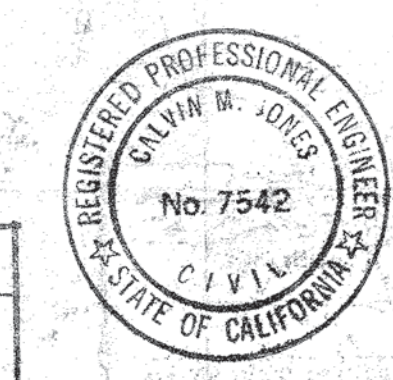
Profile of 12' Wide Roadway Over Existing Concrete Box Culvert Station 9+69.10



Profile of Storm Sewer System at Station 2+80.00, Court Street. SEE SHEET 8 FOR PLAN

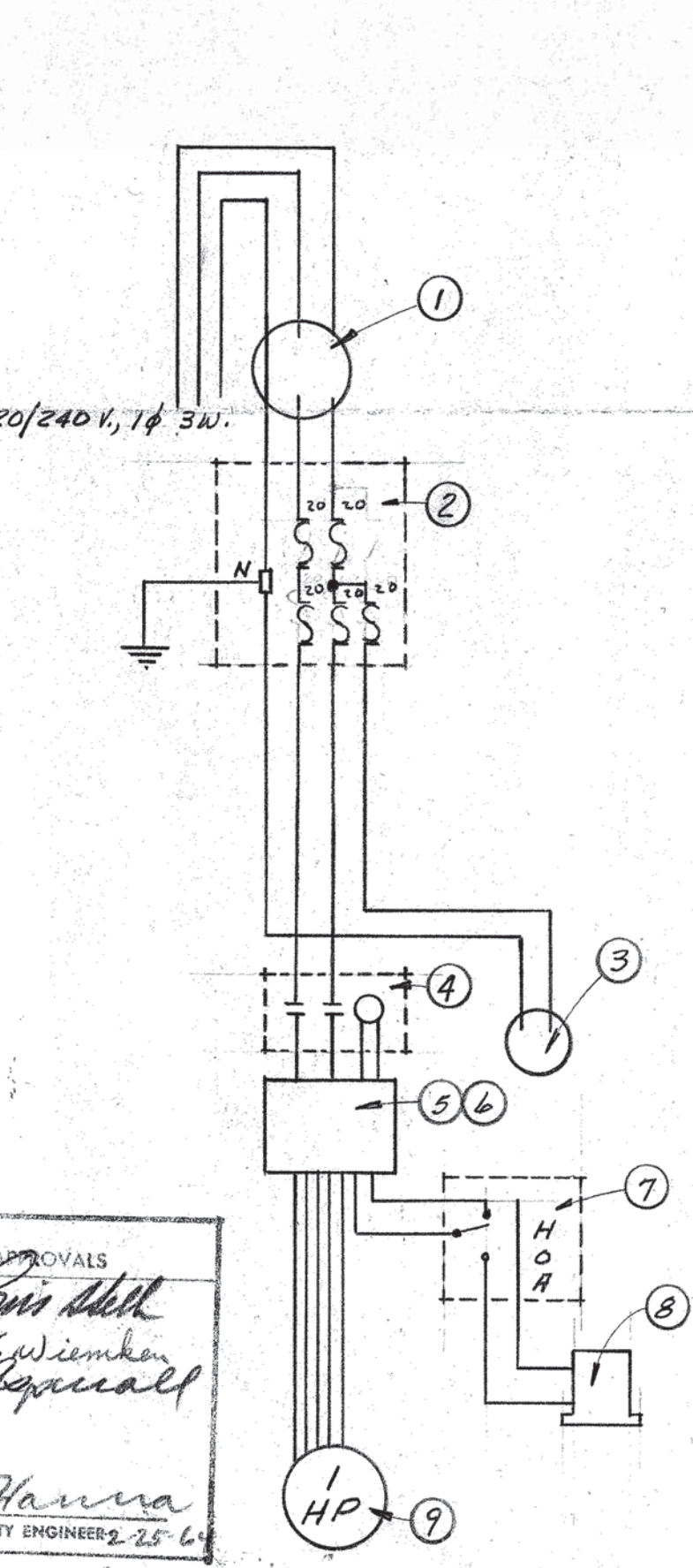
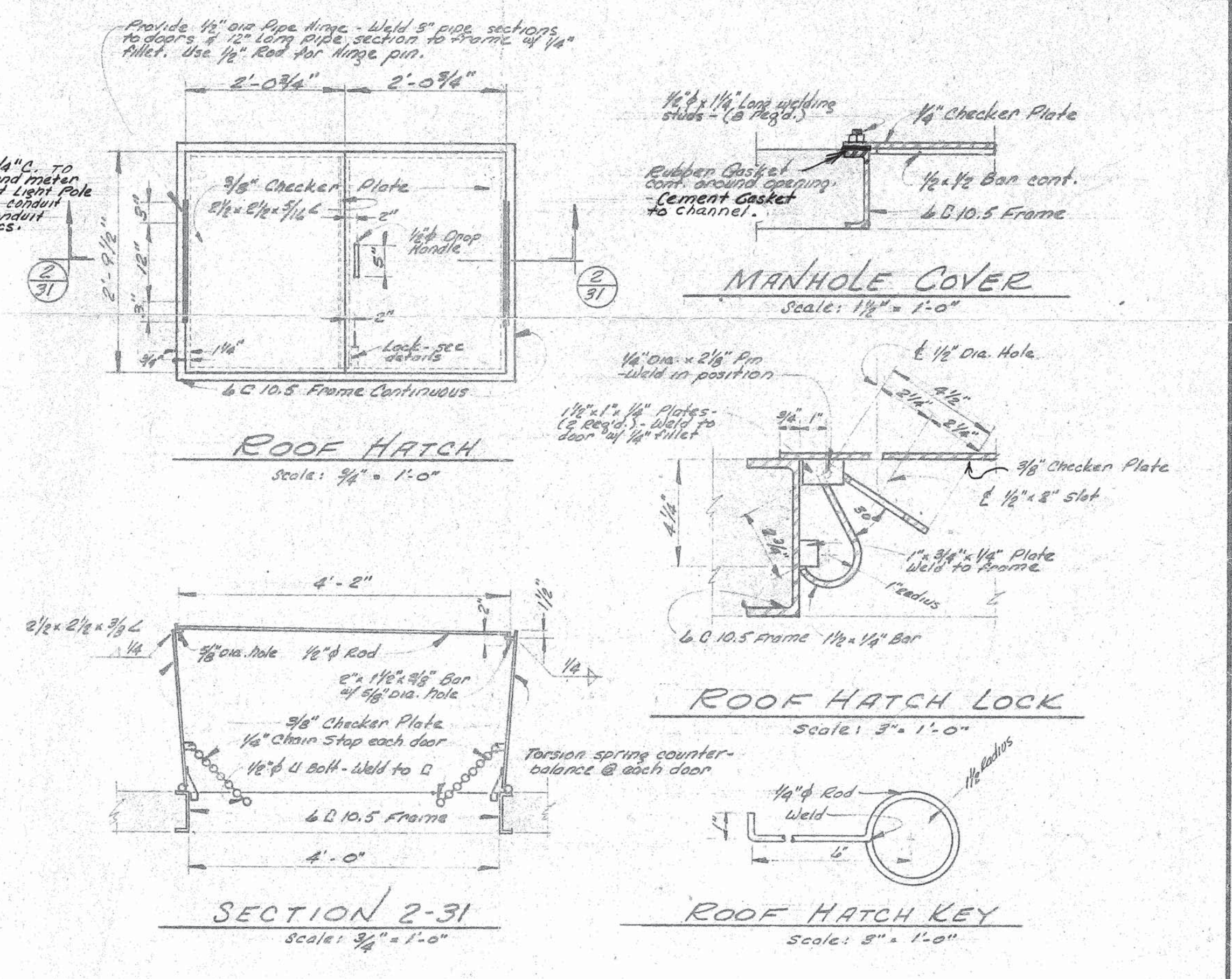
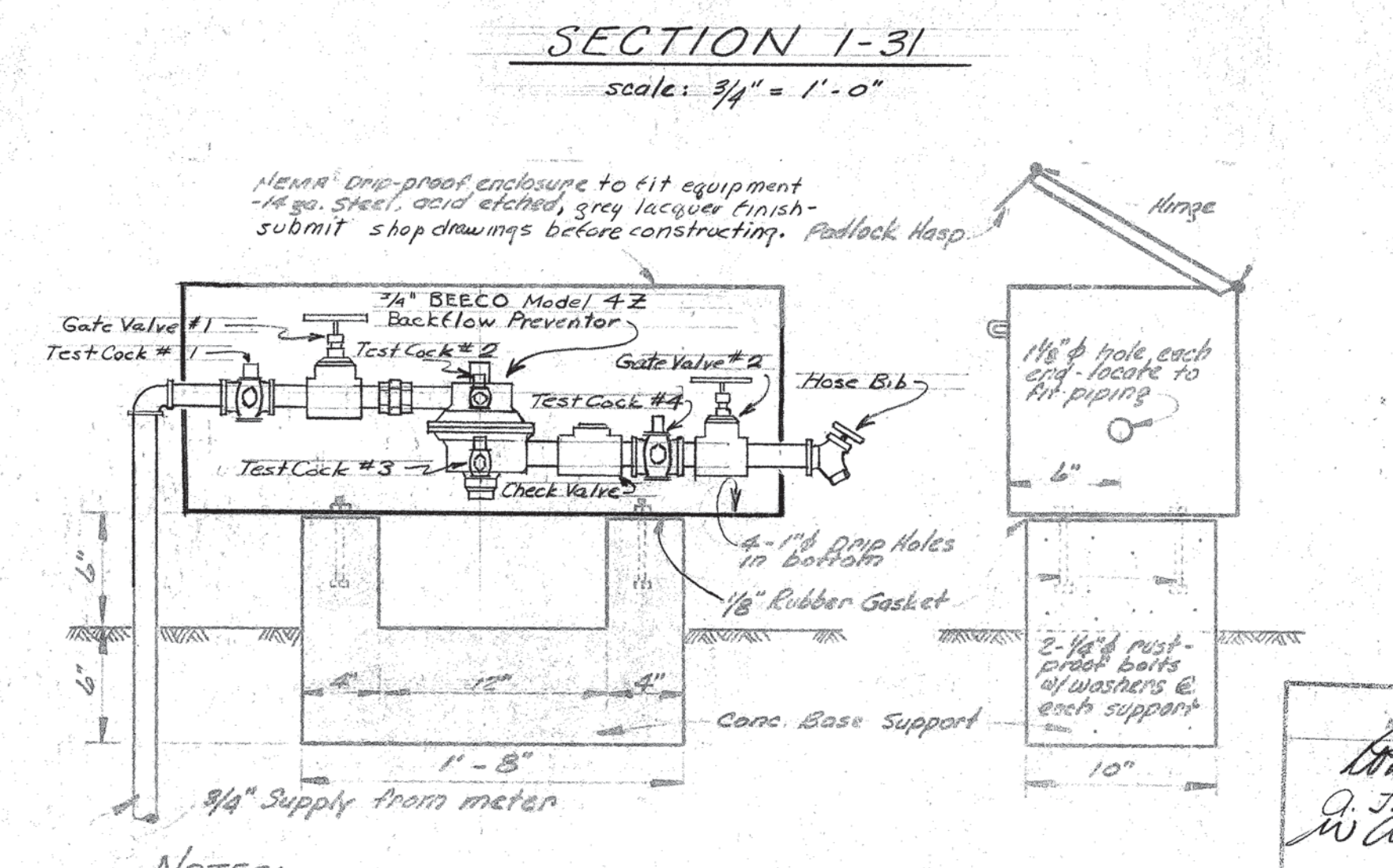
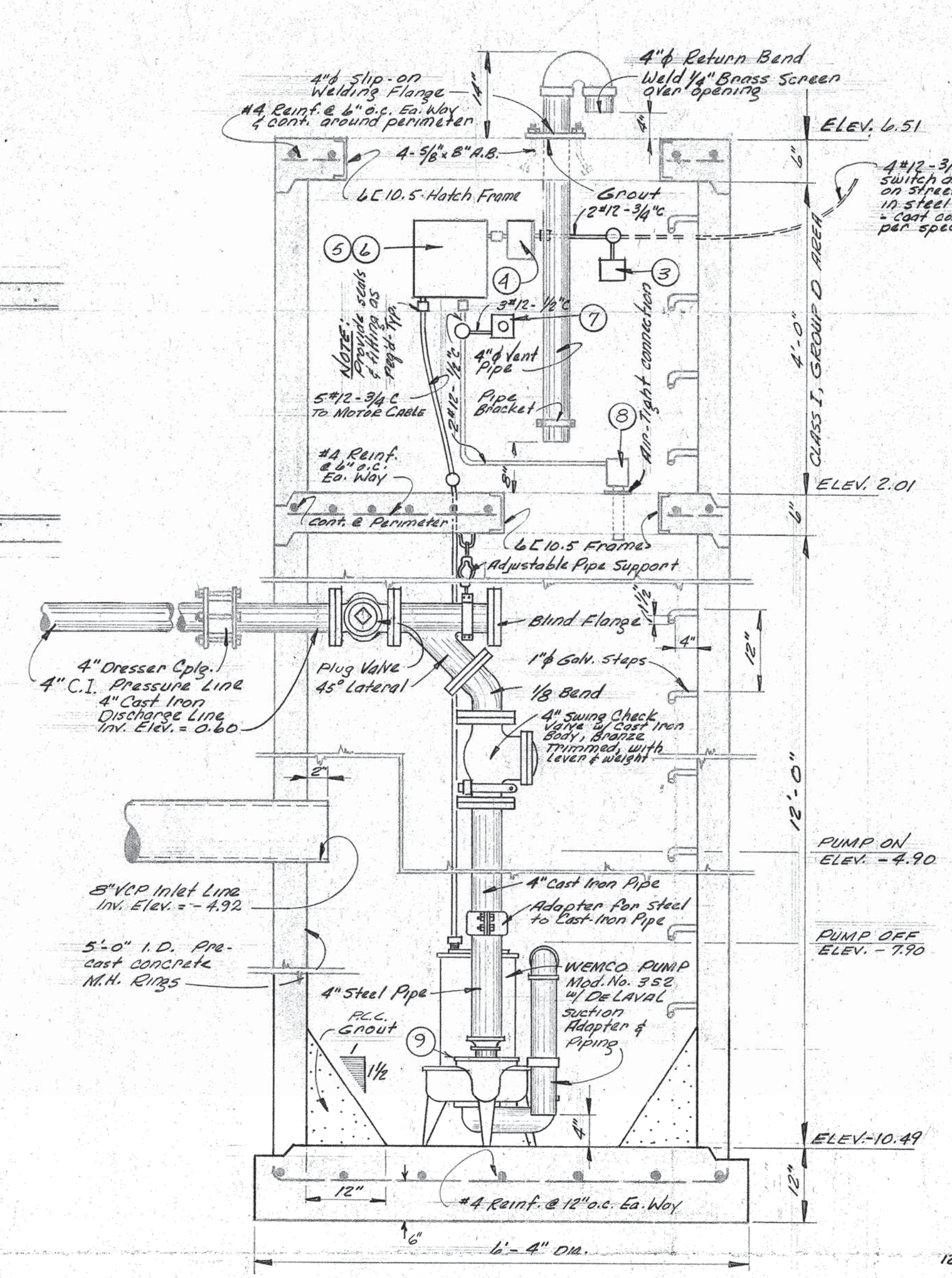
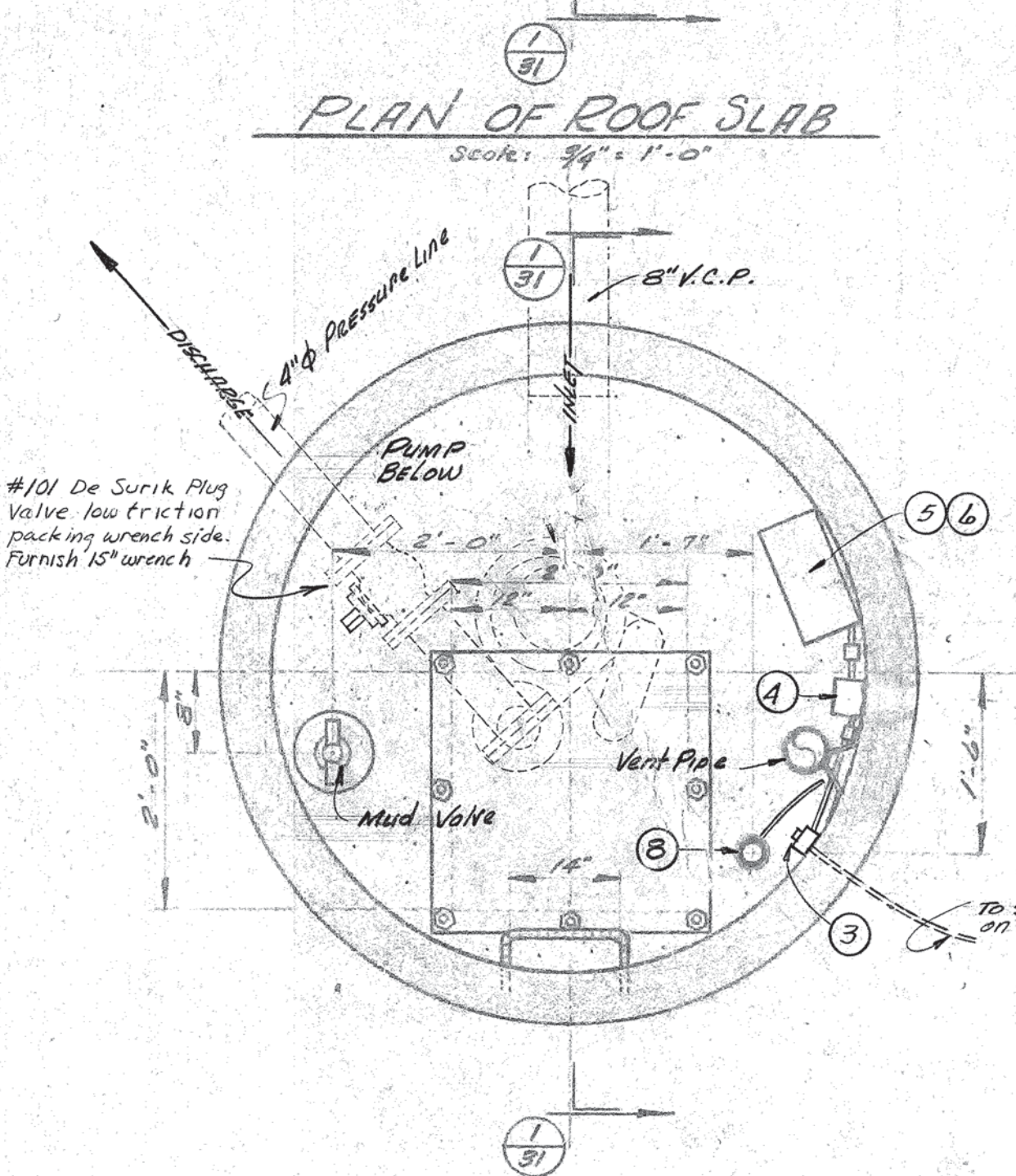
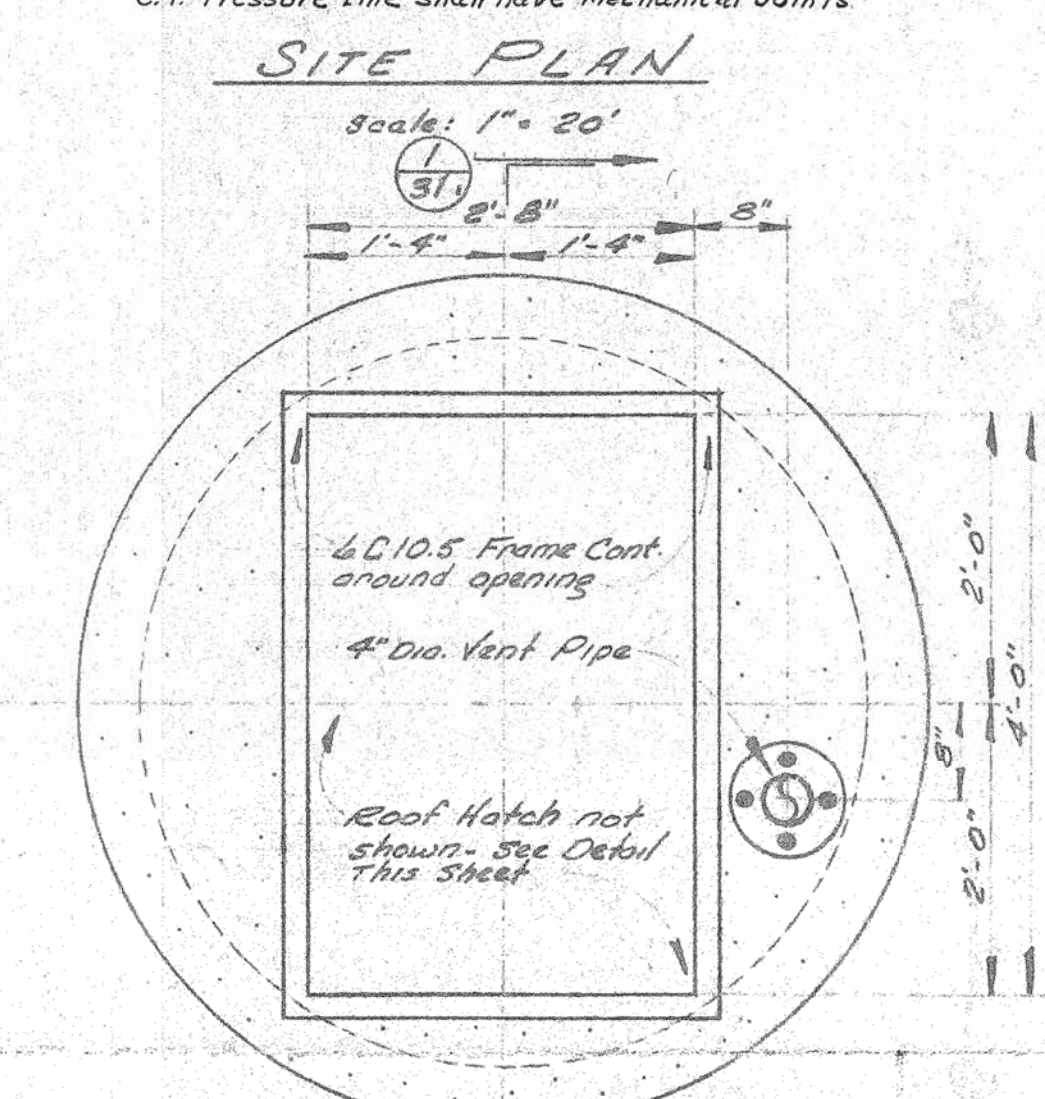
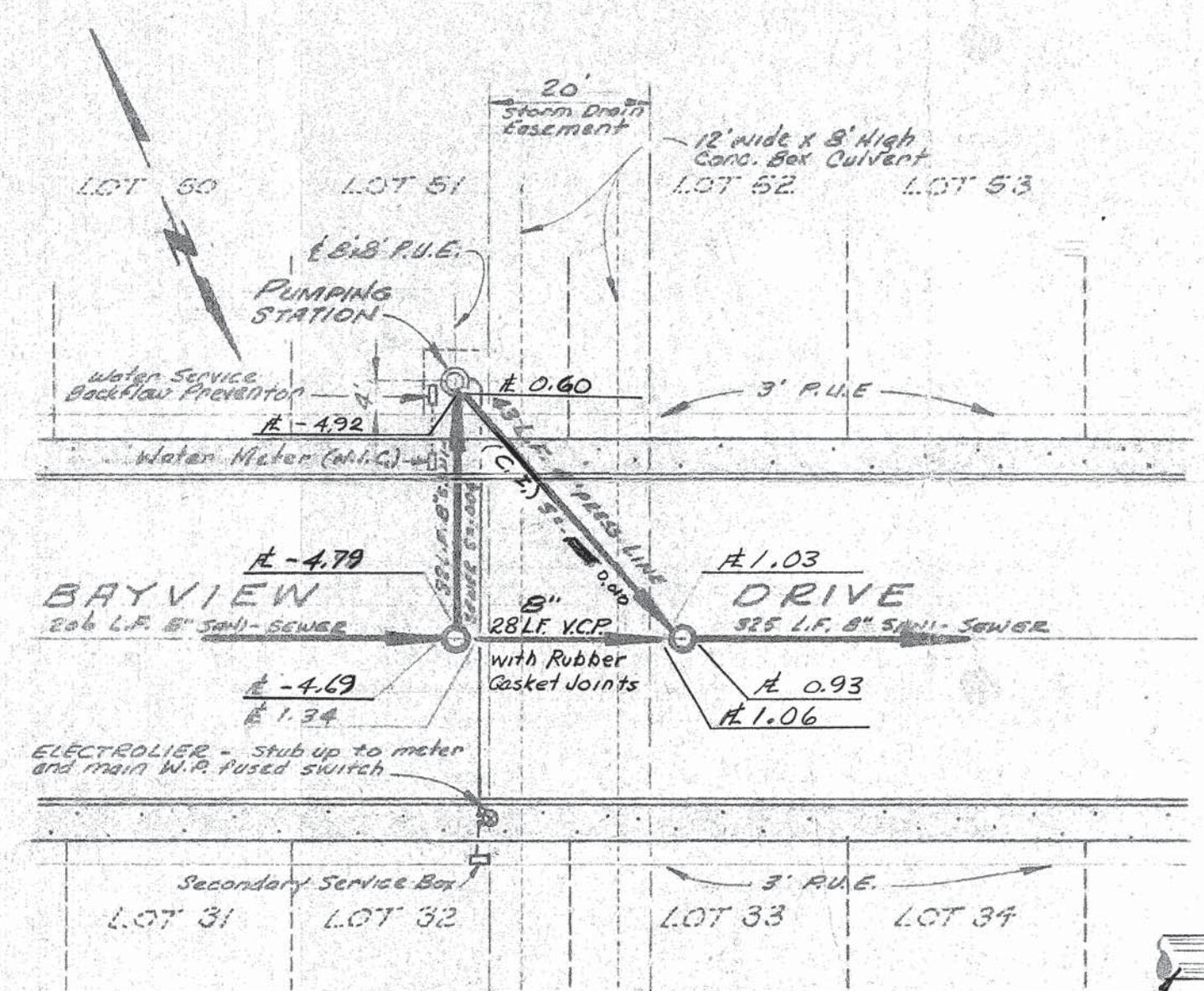


Plan of 12' Wide Driveway Over Existing Concrete Box Culvert



APPROVALS
Calvin M. Jones
 Civil Engineer
W. J. ...
 City Engineer

Revision	Date	By	Description
11-1-72	HEV		
APPROVED			MISCELLANEOUS PROFILES UNIT NO. 4
Checked:	HRT		STREET IMPROVEMENTS
Drawn:	R.T.C.		SOUTHSHORE, ALAMEDA, CALIF.
Surveyed:	NOT A SURVEY		JONES-THURN ASSOCIATES
Scale:	1"=40' Horiz. 1"=2' Vert.		CIVIL ENGINEERS
Date:	DEC 18-1963		645 SHERMAN AVENUE, PALO ALTO, CALIFORNIA (415) 326-2180
			Job No. 1913-124 Sheet 9 of 18



- GENERAL NOTES**
- All exposed metal parts, except main sewage piping, pumps, electrical equipment and other parts which would be impractical, shall be galvanized. Galvanizing shall be done after welding or other means of fabrication.
 - Eight (8) copies of installation drawings shall be submitted by the contractor for approval before commencing construction.
 - For grades & elevations not shown on this sheet, refer to Sheet No. 4.
 - All exposed concrete surfaces in the sump chamber shall be painted with two (2) coats "Bitumastic No. 50" or approved equal.
- ELECTRICAL NOTES**
- Meter and main switch to be mounted together on electrolier indicated on site plan with meter 5' 6" clear of ground and main switch immediately below meter.
 - All wiring in upper chamber to be according to Article 500 N.E.C.. Provide all necessary seals, etc., for Class I, Group D Area.
 - All conduit laid underground shall be wrapped with tarred felt. See Specifications.
 - Pump motor and motor control shall be furnished by the supplier of pump, however, electrical contractor shall make all connections.
 - Electrical contractor shall furnish all items shown in Schedule except as noted.

ELECTRICAL EQUIPMENT SCHEDULE

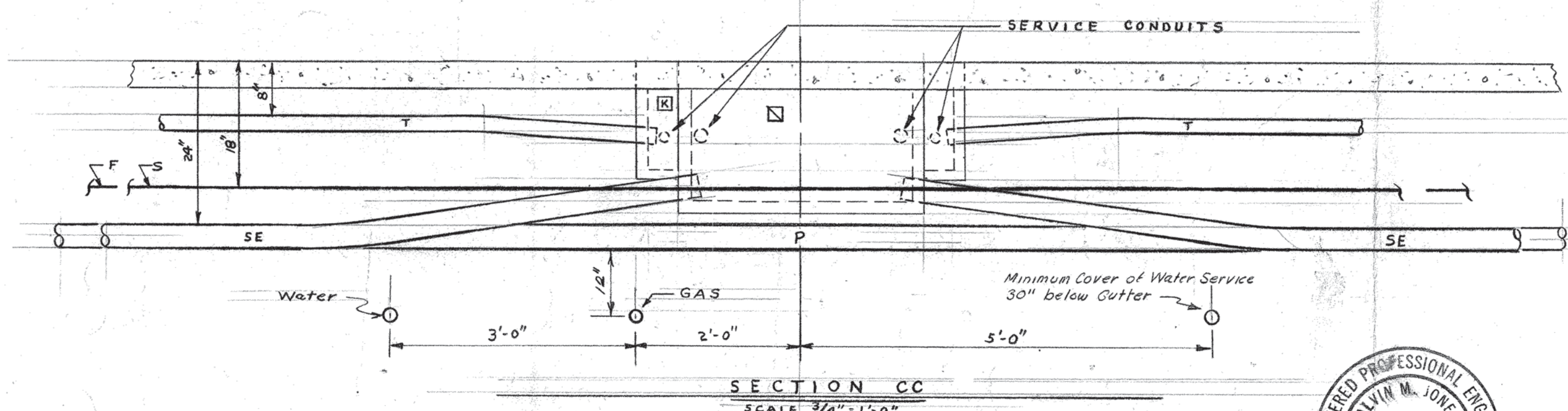
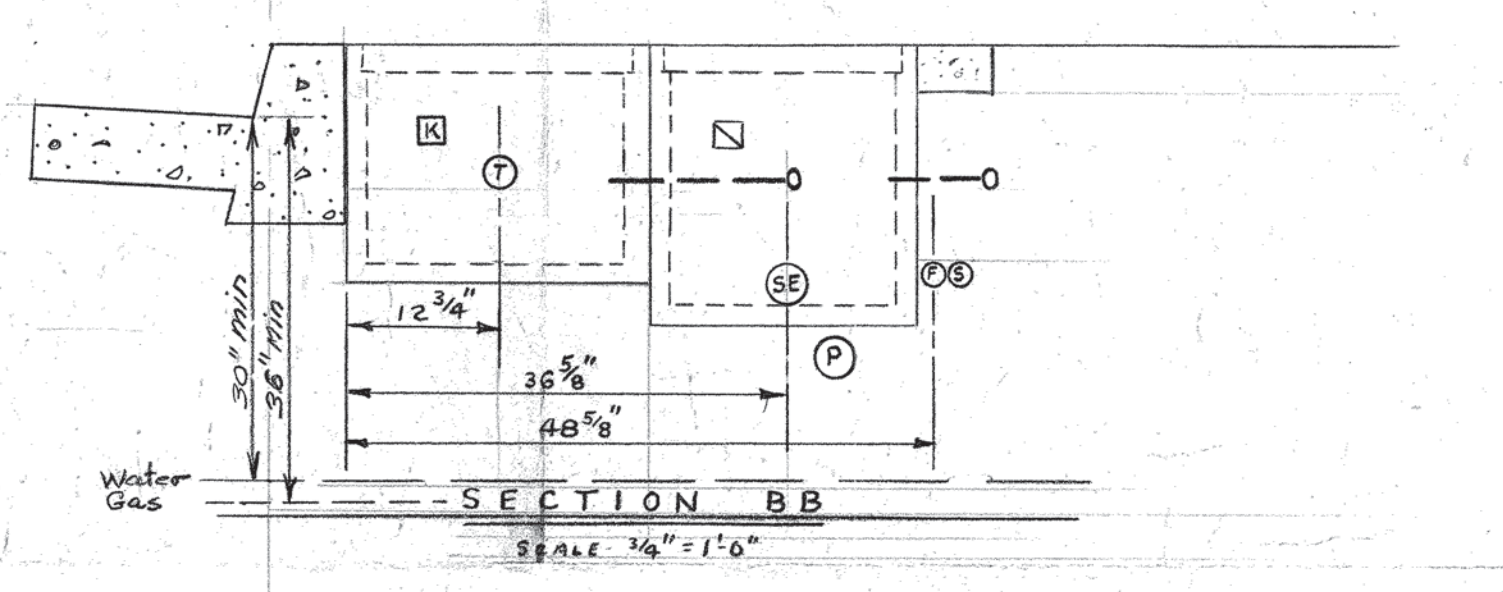
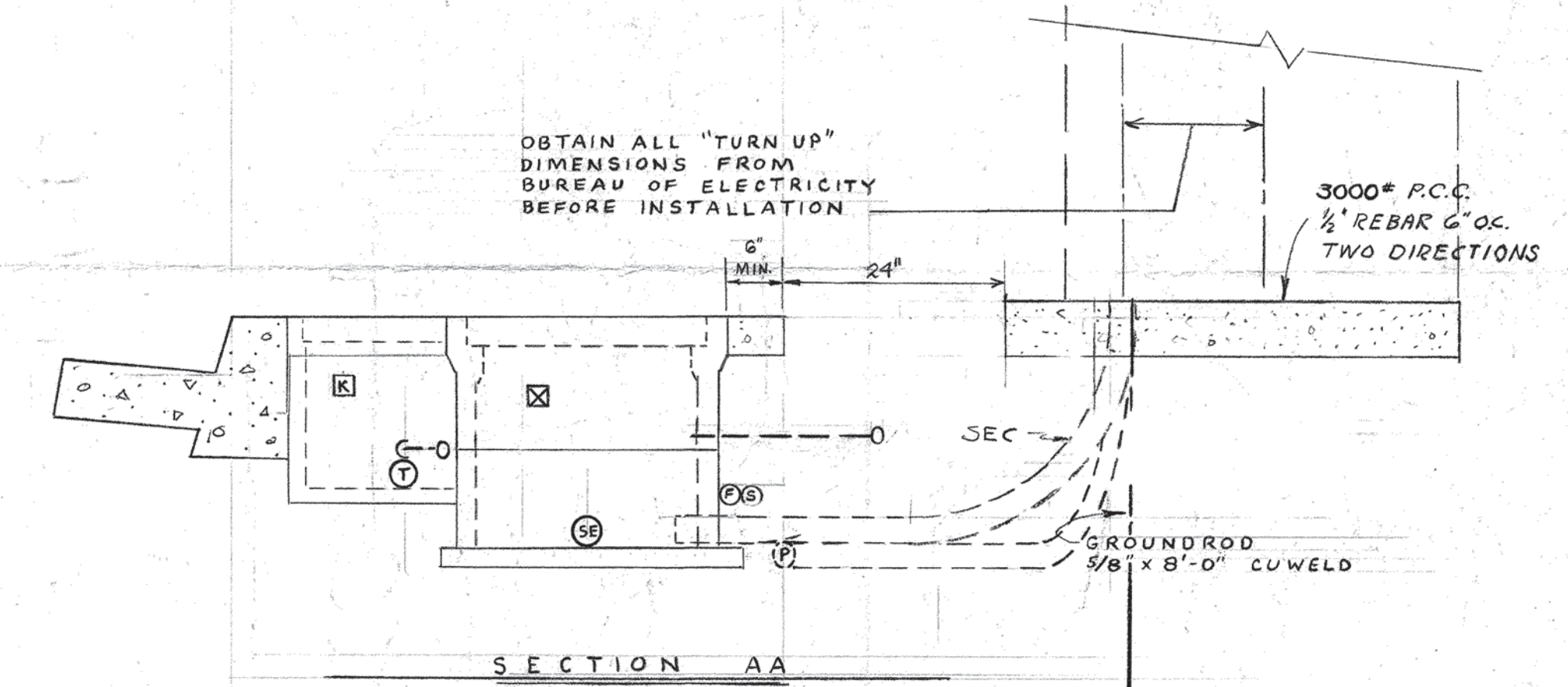
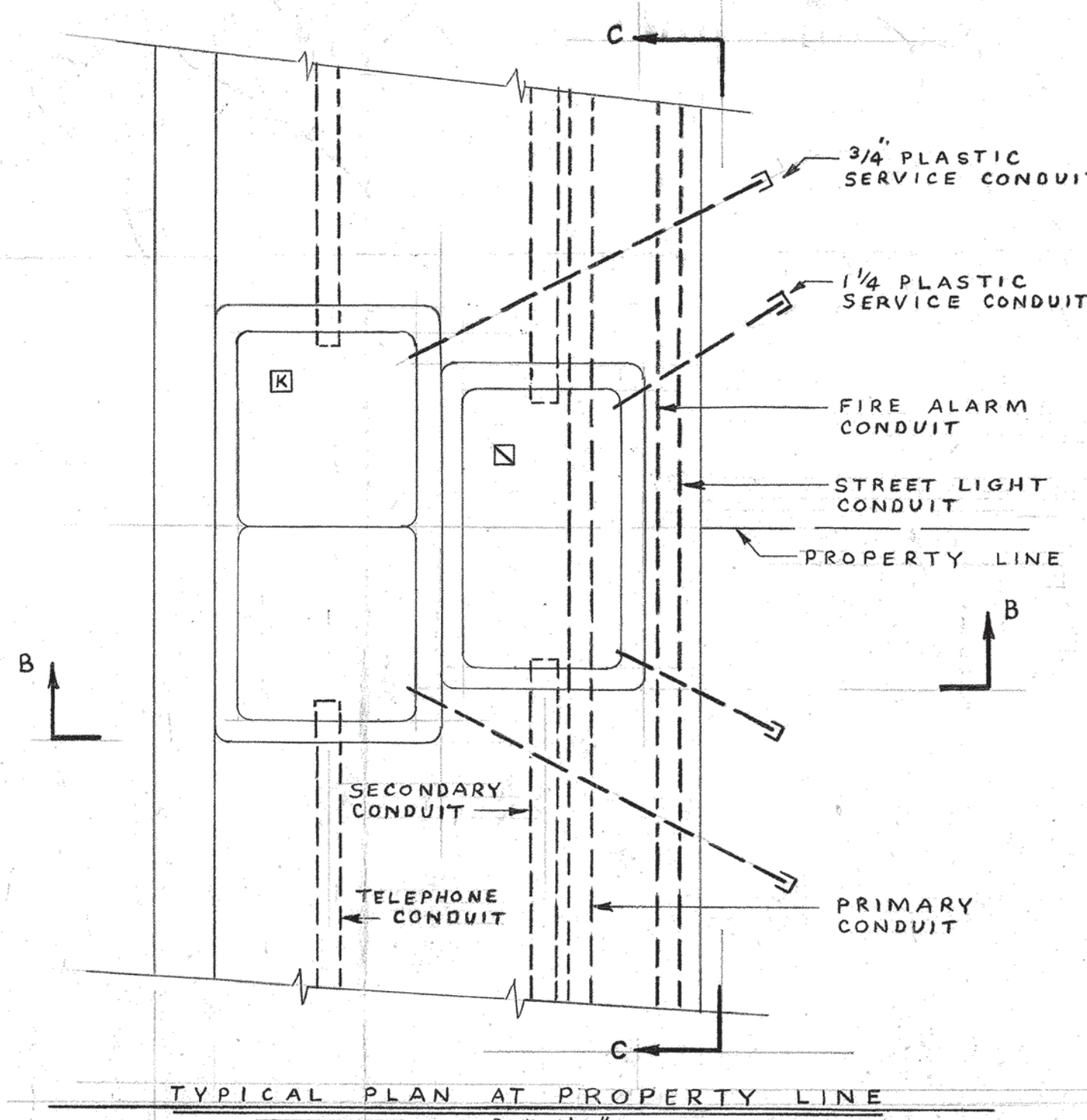
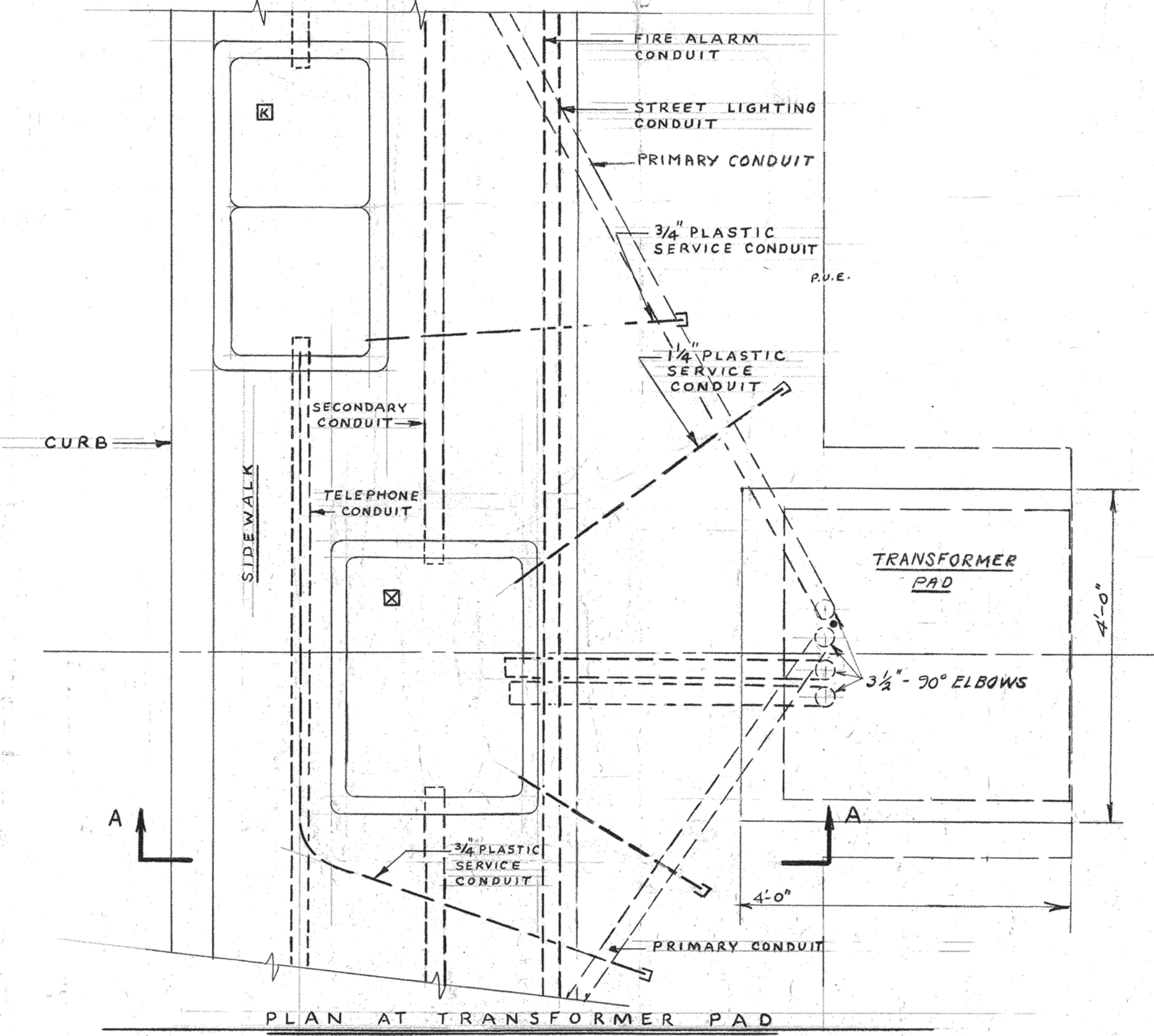
Item	Description
1	Meter Socket [D] #50-4
2	Main Switch [D] FSP NEMA 3 LOADCENTER WITH 2-FSP 230 & 1-FSP 130 UNITS & LOCK HASP.
3	Outlet, Crouse-Hinds CPS-14-120 with CPP 316 Plug.
4	Size 1, 2P, starter, NEMA 7.
* 5	Motor Control, Reliance Dim. Sheet 600198
6	NEMA 7 enclosure 12" x 16" x 6" Hope #H6044
7	Hand-off-automatic Switch, oil-tight, NEMA 7.
8	Magnetrol Model #A-102C-EP NEMA 7: (liquid level control)
9	Submersible Pump and Motor by others.

*Furnished with motor.

APPROVALS
David M. Jones
 J. Williams
 W. Chapman
 M. J. Hanna
 CITY ENGINEER 25-6



Revision	Date	By	Description
APPROVED			
Checked: HRT			BAY VIEW DRIVE PUMPING STATION SOUTH SHORE UNIT No. 4 STREET IMPROVEMENTS
Drawn: E.W.C.			JONES-THORN ASSOCIATES
Surveyed: NOT A SURVEY			CIVIL ENGINEERS
Scale: As Shown			445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA • (415) 325-2190
Date DEC 18 - 1963			Job No. 1913-124 Sheet 10 OF 18



- LEGEND**
- P PRIMARY PULL BOX, # 5 MAYWESTER WITH 10 IN. EXT. BASE AND SPLIT COVER. CHRISTY # N-48 OR BROOKS # 68.
 - X SECONDARY JUNCTION BOX, # 3 MAYWESTER WITH 10 IN. EXT. AND BASE. CHRISTY # N-40 OR BROOKS # 67.
 - SECONDARY JUNCTION BOX # 2 MAYWESTER WITH 4 IN. EXT. AND 6 IN. BASE. CHRISTY # N-36 OR BROOKS # 66.
 - ⊞ SECONDARY JUNCTION BOX, # 5 STATE WITH BASE, CHRISTY # N-16 OR BROOKS # 55.
 - K TELEPHONE JUNCTION BOX, # K-4047 WITH BASE, CHRISTY # P-44 OR BROOKS # K-4047.
 - J TELEPHONE JUNCTION BOX, # J-1771 WITH BASE, CHRISTY # P-9 OR BROOKS # J-1771.
 - ⊞ STREET LIGHTING JUNCTION BOX, # 5 STATE WITH BASE, CHRISTY # N-16 OR BROOKS # 55.
 - ⊞ FIRE ALARM JUNCTION BOX, # 5 STATE WITH BASE, CHRISTY # N-16 OR BROOKS # 55.
 - P PRIMARY CONDUIT 3 1/2 IN. PLASTIC.
 - SE SECONDARY CONDUIT 3 1/2 IN. PLASTIC EXCEPT 2 IN. WHERE SERVING NOT MORE THAN TWO CUSTOMERS.
 - T TELEPHONE CONDUIT 3 IN. PLASTIC EXCEPT 2 IN. OR 1 1/2 IN. PLASTIC WHERE NOTED.
 - S STREET LIGHTING CONDUIT 1 1/4 IN. PLASTIC WITH 2 # 6 CONDUCTORS, SEE SPECIFICATIONS.
 - F FIRE ALARM CONDUIT 1 1/4 IN. PLASTIC WITH CABLE, SEE SPECIFICATIONS.
 - ⊞ TRANSFORMER PAD, SEE DETAIL.
 - STREET LIGHTING LUMINAIRE, SEE SPECIFICATIONS.
 - ⊞ FIRE ALARM PEDESTAL, SEE SPECIFICATIONS.
 - ⊞ CAPPED CONDUIT.
 - CONDUIT RISER AT POLE.
 - POLE BY OTHERS.
 - P.U.E. PUBLIC UTILITY EASEMENT.

- GENERAL NOTES**
1. CONDUITS, PULL BOXES, TERMINATIONS, ETC. ARE SHOWN DIAGRAMMATICALLY. FINAL LOCATIONS SHALL BE ADJUSTED TO MEET THE REQUIREMENTS OF THE ALAMEDA BUREAU OF ELECTRICITY AND THE CITY ENGINEER.
 2. SEE STREET IMPROVEMENT PLANS FOR LOCATION OF CATCH BASINS AND SEWER LINES IN ALL AREAS. COORDINATE INSTALLATION AND FINAL LOCATION OF ELECTRICAL EQUIPMENT IN THE FIELD.
 3. DEPTH OF CONDUIT IS FROM FINISH GRADE TO TOP OF CONDUIT.
 4. SEAL ALL DUCT OPENINGS AND JOINTS IN ALL JUNCTION AND PULL BOXES WITH CONCRETE GROUT TO KEEP OUT SAND.
 5. SERVICE CONDUITS TO INDIVIDUAL LOTS SHALL BE 1 1/4 IN. FOR POWER AND 3/4 IN. FOR TELEPHONE.

APPROVALS

Calvin M. Jones
REGISTERED PROFESSIONAL ENGINEER
No. 7542
CIVIL
STATE OF CALIFORNIA

W. Appaiah
ALAMEDA BUREAU OF ELECTRICITY

M. J. Hanna
CITY ENGINEER 2-25-64

APPROVED

W. Carroll S.E.
PACIFIC TELEPHONE CO.

Revision	Date	By	Description
APPROVED			
			NOTES-DETAILS-LEGEND
			ELECTRICAL
			SOUTHSHORE
			ALAMEDA CALIFORNIA
			JONES-THIEN ASSOCIATES
			CIVIL ENGINEERS
			845 SHERMAN AVENUE, PALO ALTO, CALIFORNIA (415) 326-2180
			Scale: AS SHOWN
			Date: DEC 18 1963
			Job No 1913-127 Sheet 11 of 18



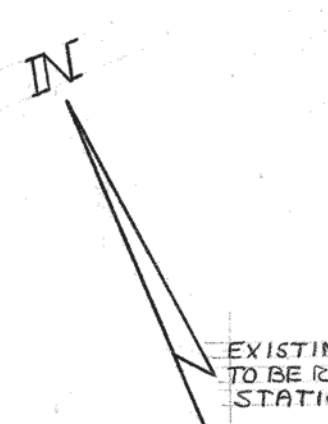
LEGEND

- ☐ TELEPHONE JUNCTION BOX, #K-4047 WITH BASE, CHRISTY #P-44 OR BROOKS #K-4047.
- ☐ TELEPHONE JUNCTION BOX, #J-1771 WITH BASE, CHRISTY #P-29 OR BROOKS #J-1771.
- ☒ SECONDARY JUNCTION BOX, #3 MAYWESTER WITH 10" EXTENSION AND BASE. CHRISTY #N-40 OR BROOKS #67.
- ☒ SECONDARY JUNCTION BOX #2 MAYWESTER WITH 4" EXTENSION AND 6" BASE. CHRISTY #N-36 OR BROOKS #66.
- ☒ SECONDARY JUNCTION BOX #5 STATE WITH BASE. CHRISTY #N-16 OR BROOKS #55.
- SECONDARY SERVICE PEDESTAL, GENERAL ELECTRIC CO.
- P — PRIMARY CONDUIT 3/8" PLASTIC.
- SE — SECONDARY CONDUIT 3/8" PLASTIC EXCEPT 2" WHERE SERVING NOT MORE THAN TWO CUSTOMERS.
- T — TELEPHONE CONDUIT 3" PLASTIC EXCEPT 2" OR 1 1/2" PLASTIC WHERE NOTED.
- ☐ T TRANSFORMER PAD.
- P.U.E. PUBLIC UTILITIES EASEMENT.

Insert after sheet 11.

<p style="text-align: center;">Description</p> <p style="text-align: center;">PORTION CHANGE ORDER No. 2 SOUTHSHORE UNIT No. 4</p> <p style="text-align: center;"><i>JONES-THENN ASSOCIATES</i></p> <p style="text-align: center;">CIVIL ENGINEERS</p> <p>445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA • (415) 326-2188</p> <p>Job No. 1713-522 Sheet 1 of 1</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK. NO.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPR.</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	CHK. NO.	DESCRIPTION	DATE	APPR.													<p style="text-align: center;">RELOCATION OF ELECTRIC & TELEPHONE DUCTS BALBOA COURT SOUTH SHORE UNIT 4</p> <p style="text-align: center;">DEPARTMENT OF PUBLIC UTILITIES CITY OF ALAMEDA, CALIFORNIA</p> <p style="text-align: center;">BUREAU OF ELECTRICITY</p> <p>APPROVED: <i>J.R. Cowan</i></p> <p>DRAWING NUMBER: 4-F-221</p> <p>CHANGE: </p>
CHK. NO.	DESCRIPTION	DATE	APPR.															
<p>DATE: 3-30-64</p> <p>SCALES: 1" = 20'</p>		<p>W. O. </p>																

SECONDARY SERVICE PEDESTALS
 G.E. DISTRIBUTION ASSEMBLIES
 CALIF. PLANT DWG. NO. 12188593
 GROUP NO. 3 8 X 8 WITH TERMINAL
 BLOCKS DWG. NO. DA 816-1ANH



EXISTING ELECTROLIER
 TO BE RELOCATED AT
 STATION 3+54

RELOCATE EXIST. J.B.
 FROM EXIST. SIDEWALK
 TO NEW SIDEWALK

2-3" TRANSITE
 1+98
 1+94
 3 1/2" TRANSITE

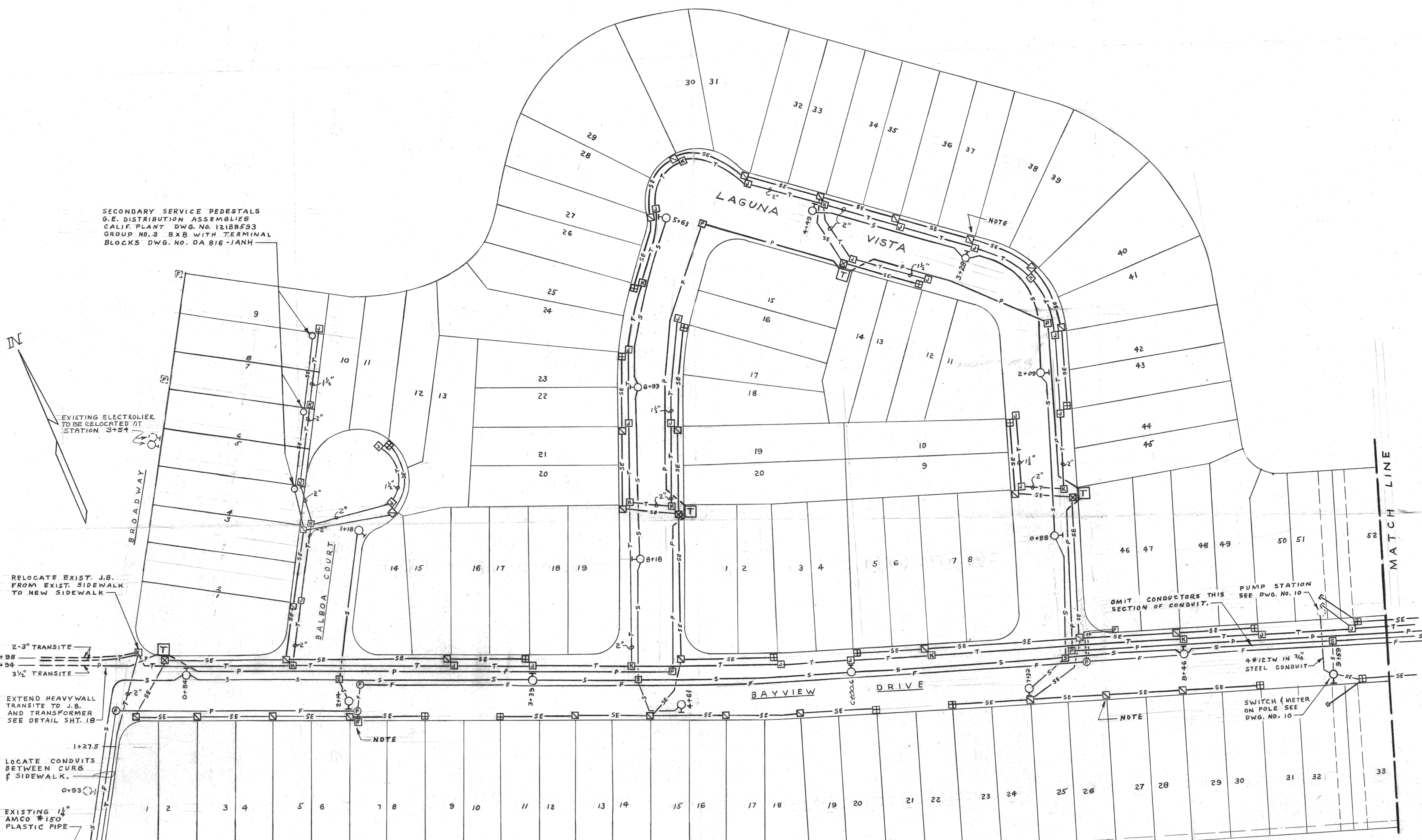
EXTEND HEAVY WALL
 TRANSITE TO J.B.
 AND TRANSFORMER
 SEE DETAIL SHT. 1B

LOCATE CONDUITS
 BETWEEN CURB
 & SIDEWALK.

EXISTING 1 1/2"
 AMCO #150
 PLASTIC PIPE

EXISTING 2" HEAVY WALL
 TRANSITE

EXTEND CONDUCTORS &
 CABLE TO JUNCTION BOX
 & FIRE ALARM BOX APPROX.
 100 FEET ACROSS STREET.

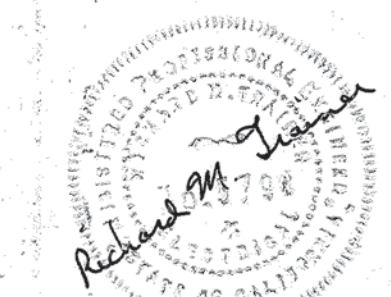


NOTE - JUNCTION BOXES TO BE IN 3' P.U.E.
 TO CLEAR CATCH BASIN

5' P.U.E. FOR DIRECT
 BURIAL CABLE BY
 TELEPHONE CO.

APPROVALS
[Signatures]
 ALAMEDA BUREAU OF ELECTRICITY
 CITY ENGINEERS 2-25-64

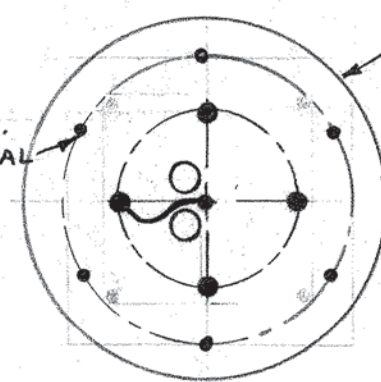
APPROVED
[Signature]
 PACIFIC TELEPHONE CO.



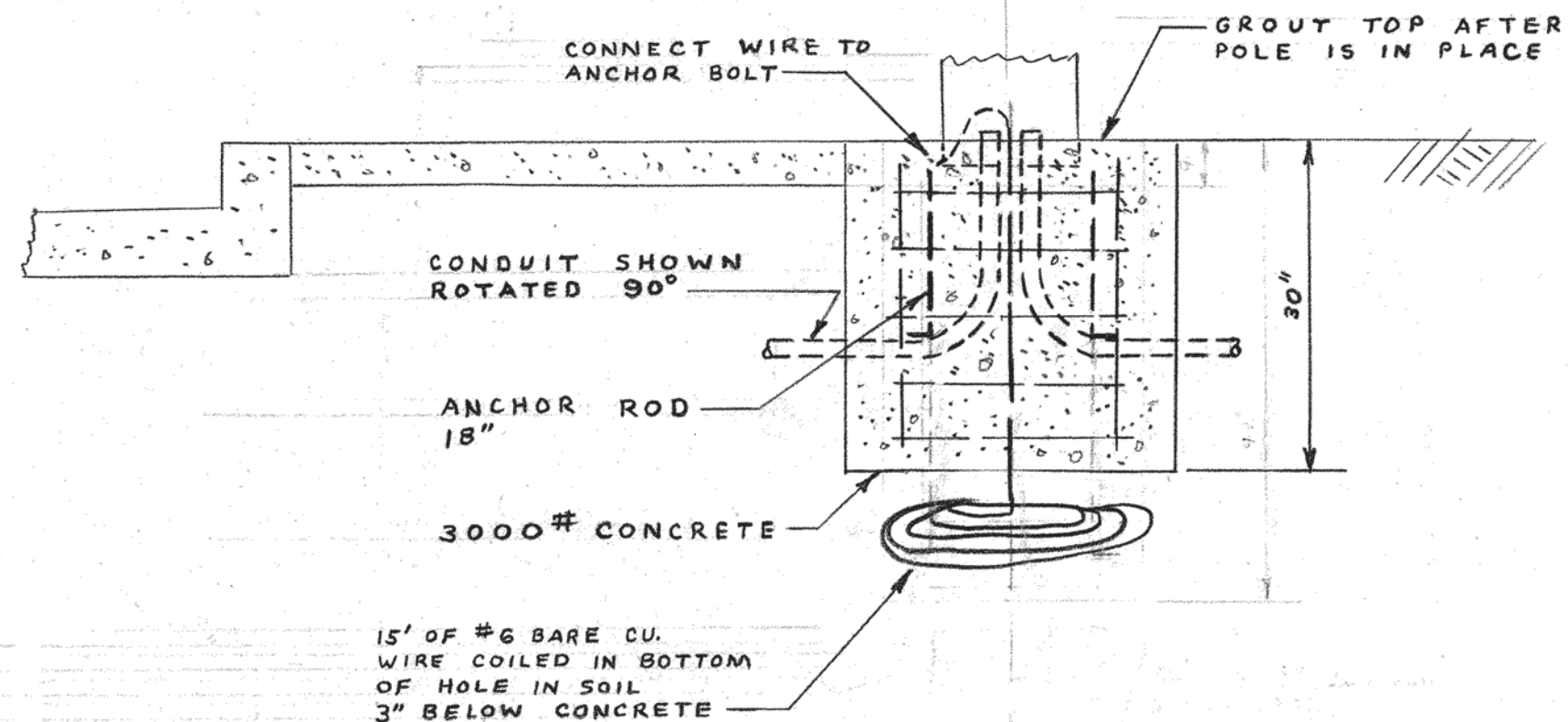
Revision	Date	By	Description
APPROVED			
Checked: HRT			
Drawn: R.T.			
Surveyed:			
Scale: 1" = 40'			
Date: 12-5-63			

UTILITIES MAP
 UNIT NO. 4
 SOUTHSHORE
 ALAMEDA CALIFORNIA
 JONES-THENN ASSOCIATES
 CIVIL ENGINEERS
 445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA (415) 326-2180
 Job No. 1913-127 Sheet 12 of 18

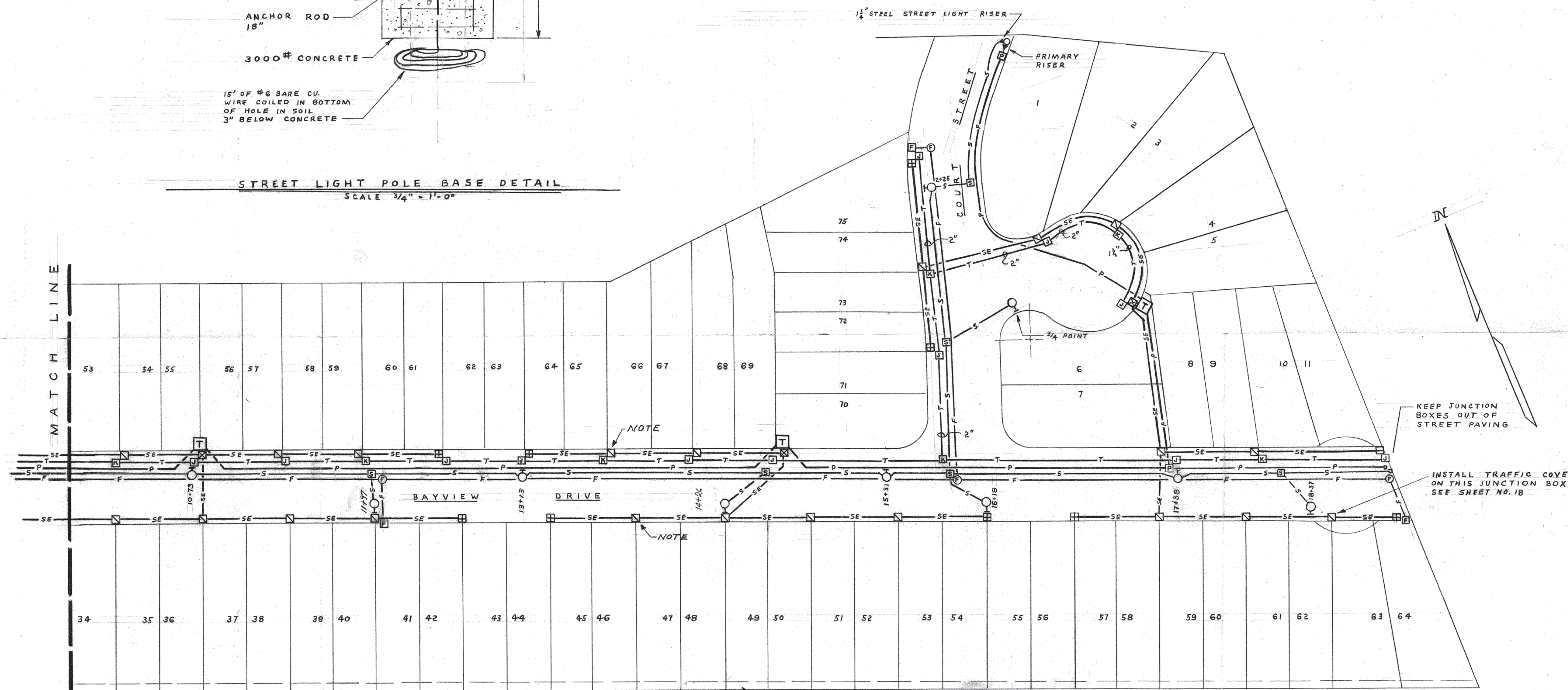
6 - 1/2" REBAR, 24 DIA. CIR.
WITH TIE WIRE 6" SPIRAL



36" DIA. N.T.S.



STREET LIGHT POLE BASE DETAIL
SCALE 3/4" = 1'-0"

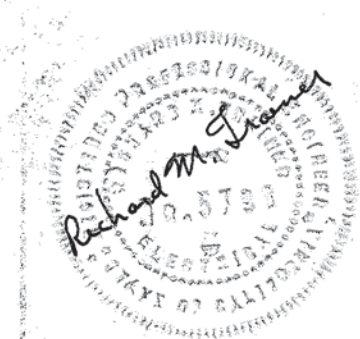


NOTE - JUNCTION BOXES TO BE IN 3' P.U.E. TO CLEAR CATCH BASIN

3' P.U.E. FOR DIRECT BURIAL CABLE BY TELEPHONE CO.

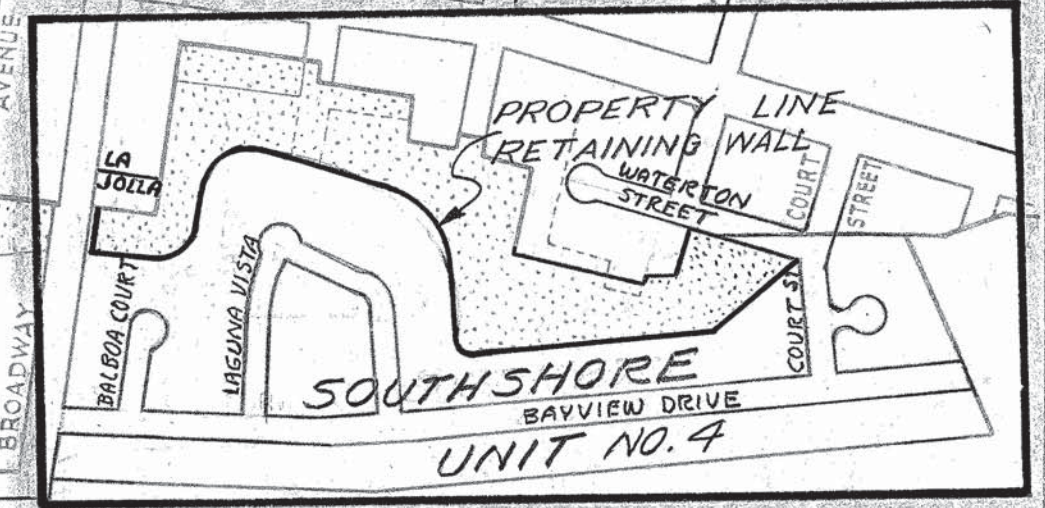
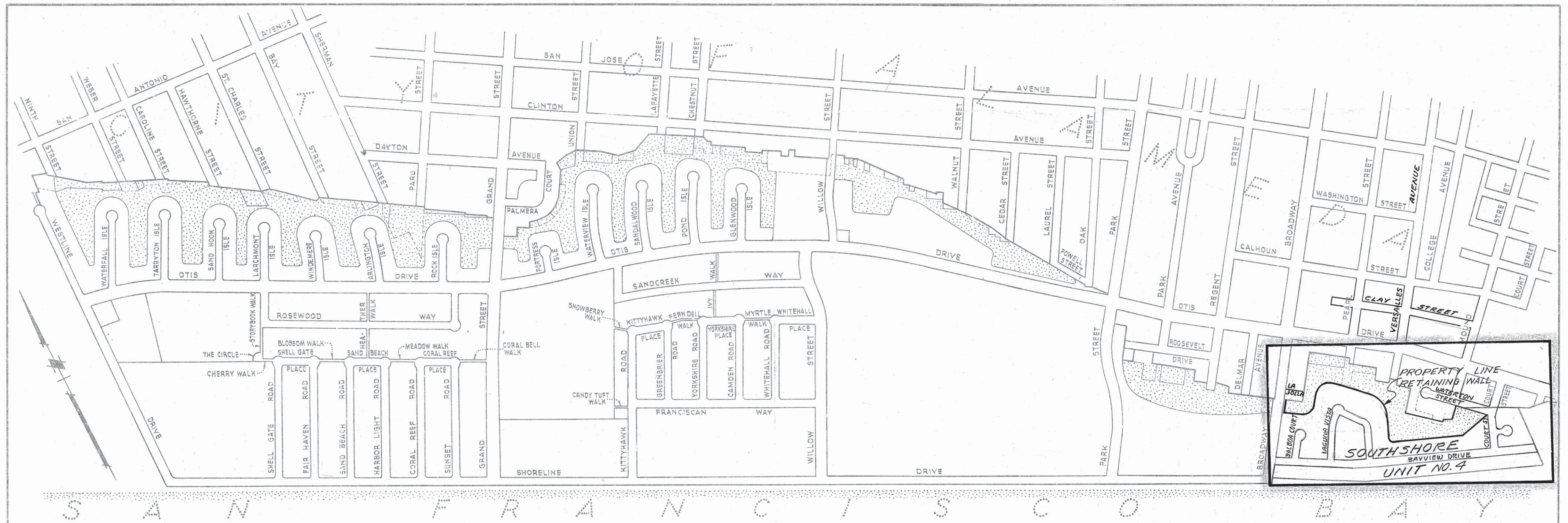
APPROVED
P. Carroll Sr. Eng.
PACIFIC TELEPHONE CO.

APPROVED
M. J. Hanna
CITY ENGINEER 2-25-63

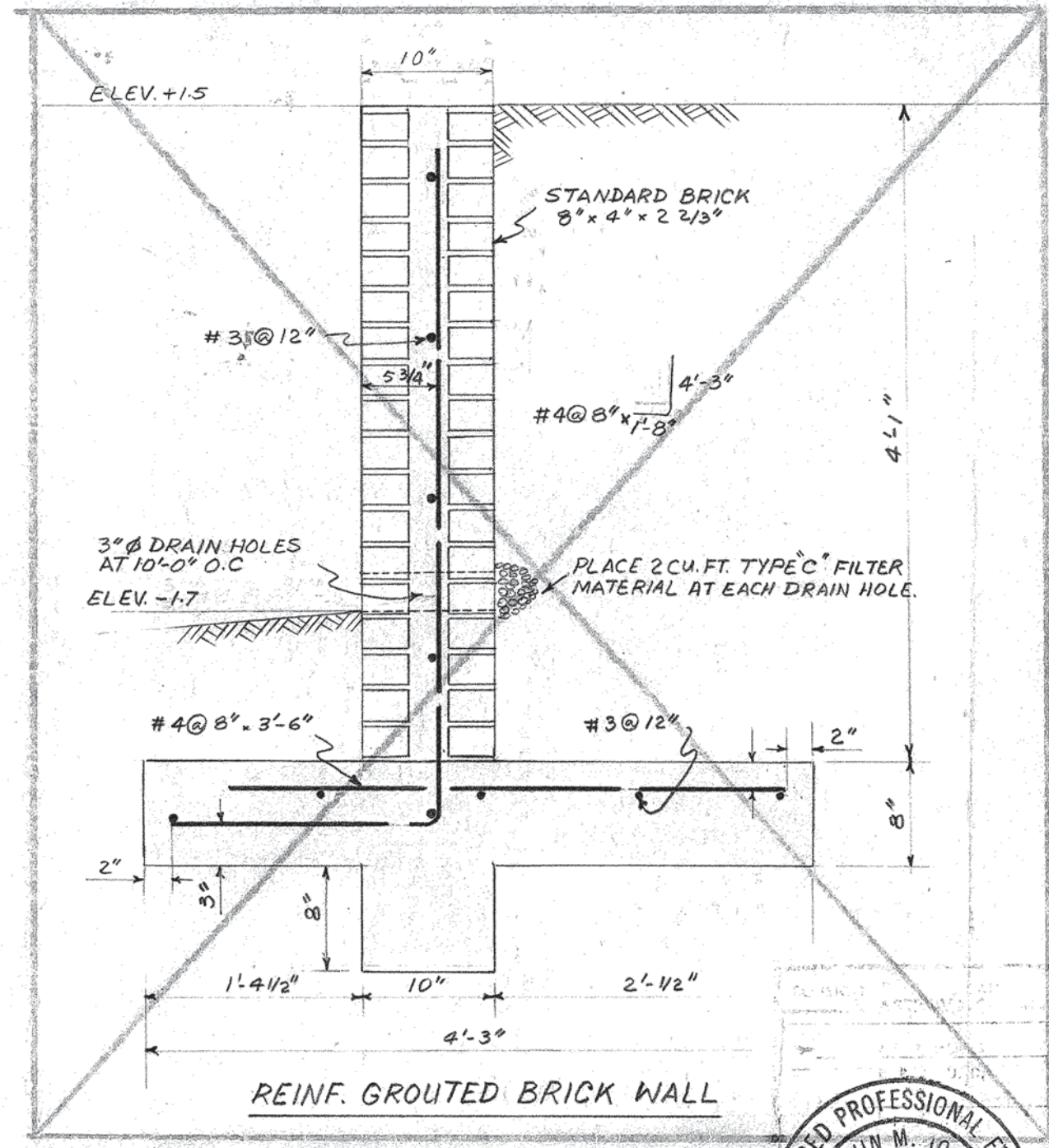
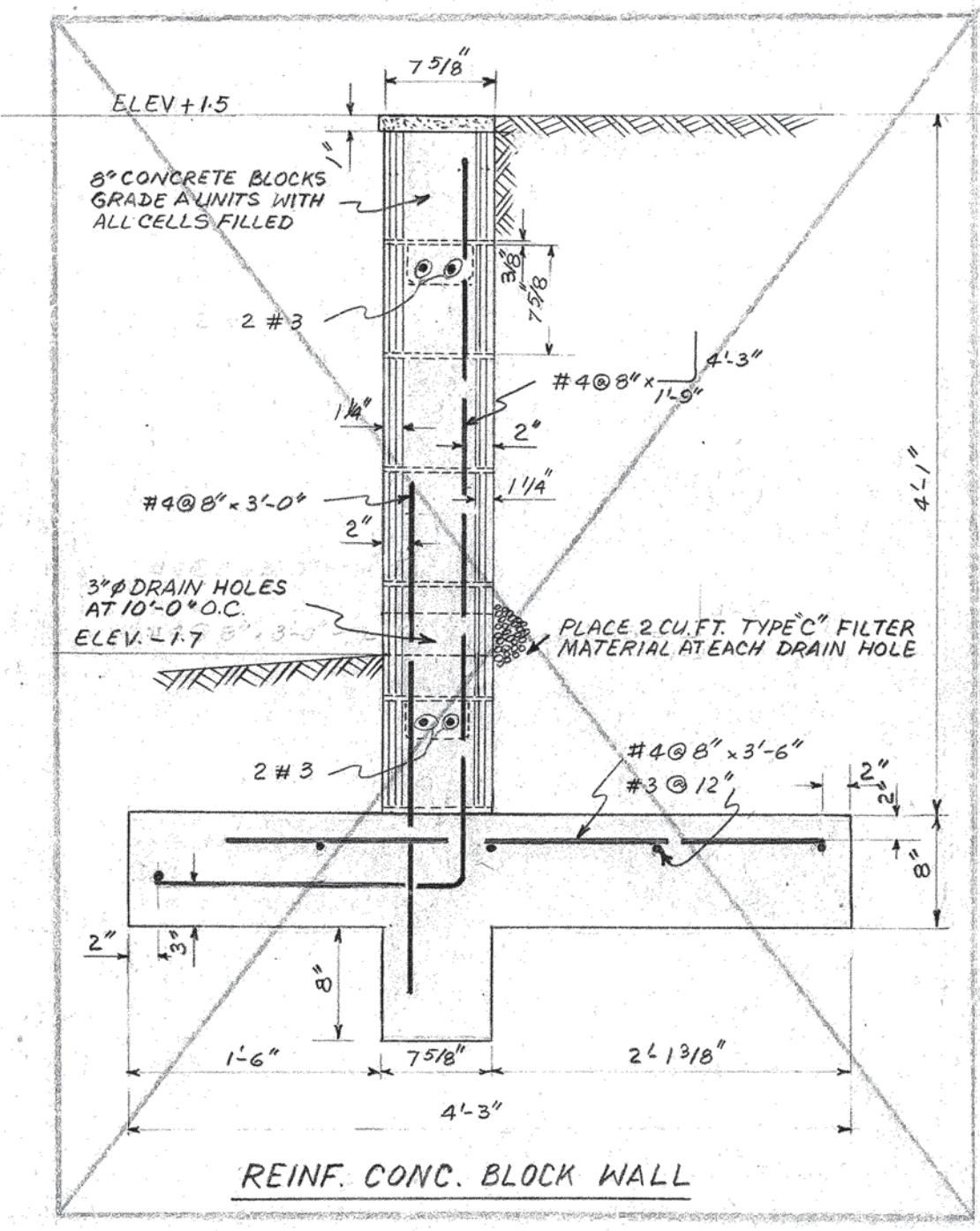
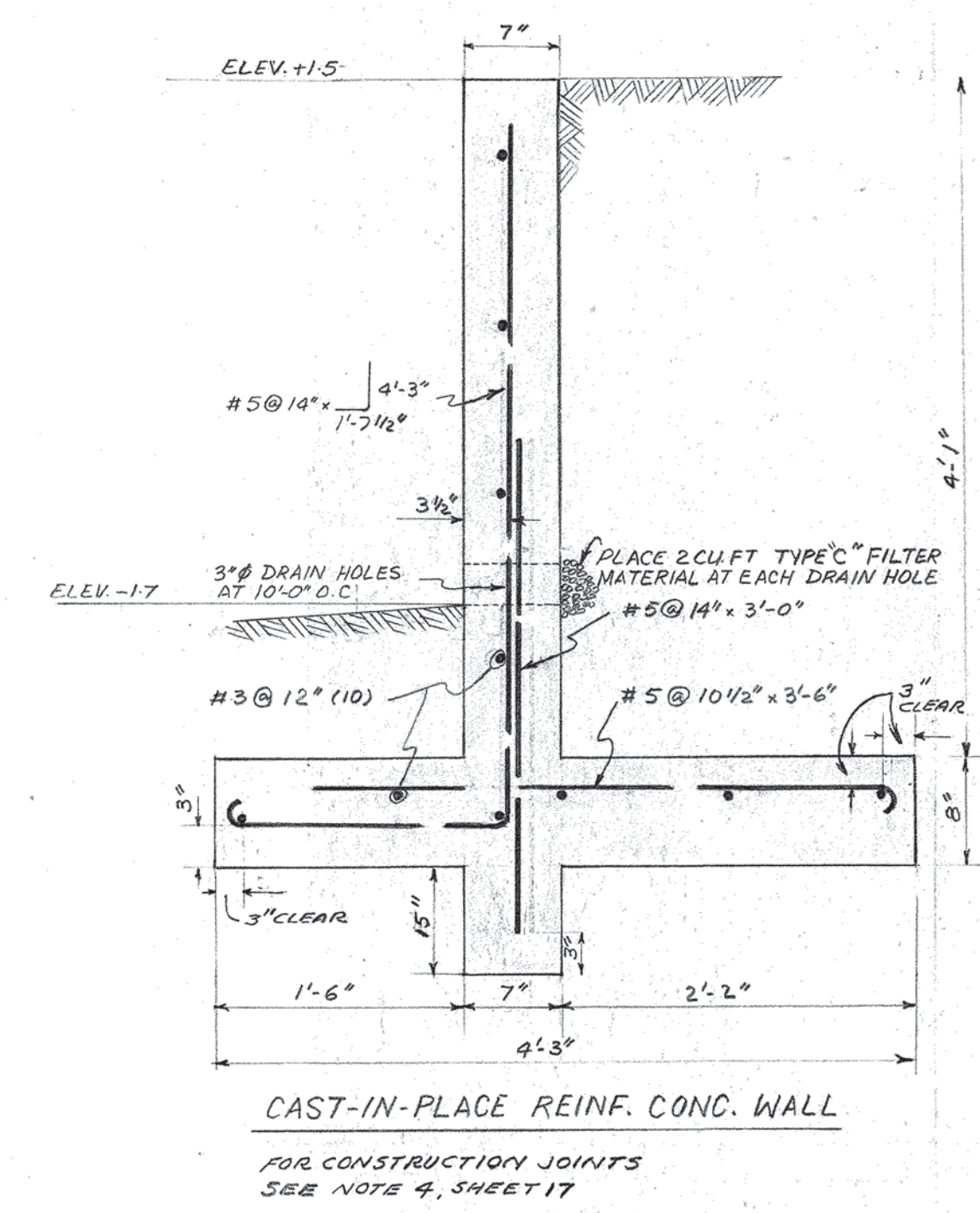


Revision	Date	By	Description
APPROVED			
Checked: HRT			
Drawn: R.T.			
Surveyed:			
Scale: 1" = 40'			
Date: 12-5-63			
			UTILITIES MAP UNIT NO. 4 SOUTH SHORE ALAMEDA CALIFORNIA JONES-THURN ASSOCIATES CIVIL ENGINEERS 445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA (415) 326-2180 Job No. 1913-127 Sheet 13 of 18

5482-111



GENERAL LOCATION PLAN
SCALE: 1" = 400'

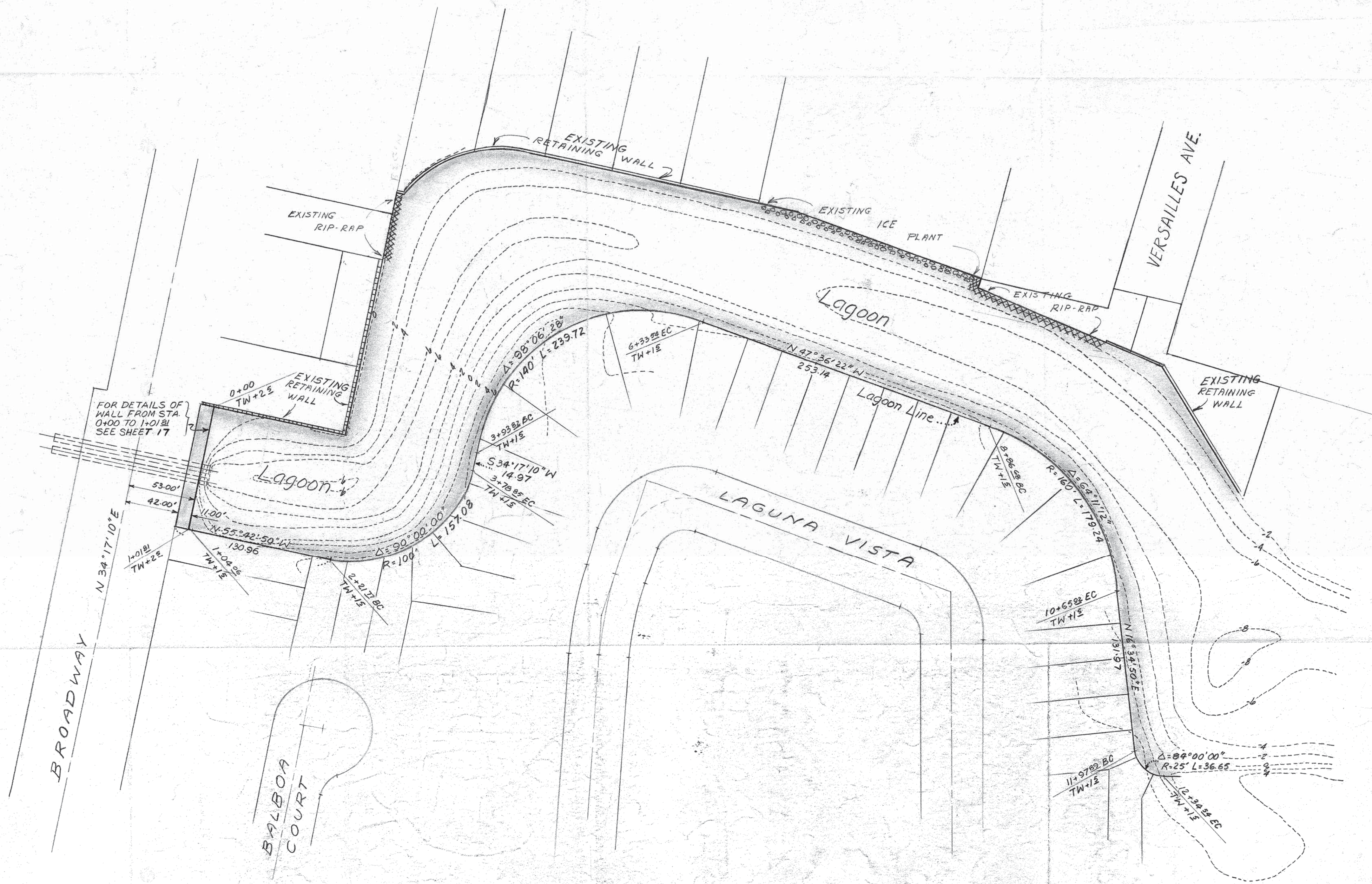


TYPICAL SECTIONS-ALTERNATE RETAINING WALLS
SCALE: 1" = 1'-0"

APPROVED
Calvin M. Jones
CALVIN M. JONES
CIVIL ENGINEER
No. 7542
STATE OF CALIFORNIA



Revision	Date	By	Description
APPROVED		<i>Calvin M. Jones</i>	GENERAL LOCATION PLAN AND WALL DETAILS SOUTH SHORE, UNIT NO. 4 ALAMEDA, CALIFORNIA.
Checked:		HRT	JONES-THERRI ASSOCIATES CIVIL ENGINEERS
Drawn:		VAS	
Surveyed:		NOT A SURVEY	
Scale:		As Shown	445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA • (415) 326-2190
Date:	Dec 18, 1963		Job No 1913-131 Sheet 14 of 18

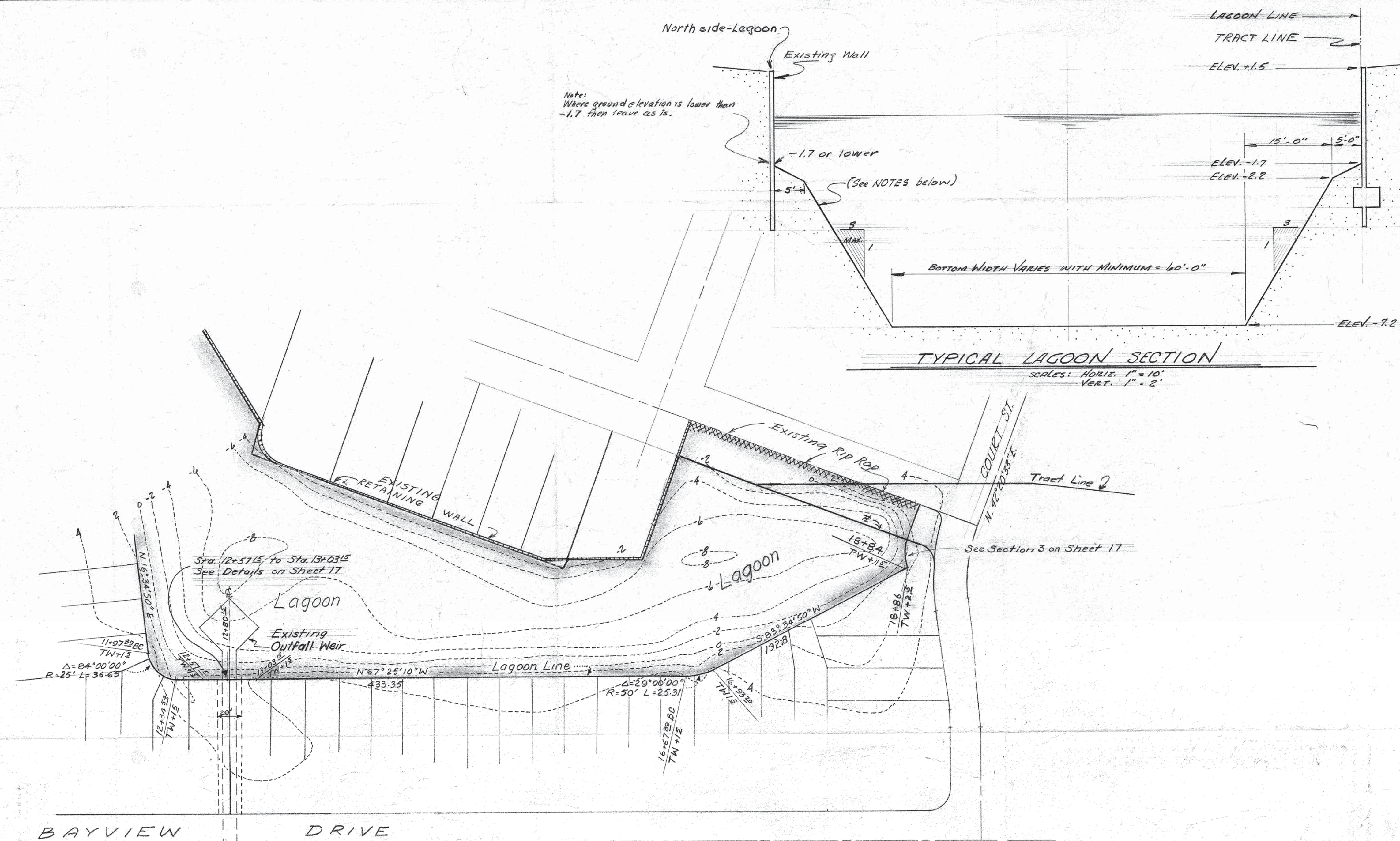


SEE SHEET 16 FOR TYPICAL LAGOON SECTION AND NOTES

APPROVALS
[Signature]
[Signature]
 M. J. Hanna
 CITY ENGINEER 2-25-64



Revision	Date	By	Description
1			LOCATION PLAN LAGOON GRADING AND PROPERTY LINE RETAINING WALL SOUTH SHORE, UNIT NO. 4 ALAMEDA, CALIFORNIA.
Checked:		HRT	JONES & THERR / ASSOCIATES
Drawn:		VAS	CIVIL ENGINEERS
Surveyed:		NOT A SURVEY	445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA • (415) 326-2100
Scale:		1" = 50'	Date: DEC 18 - 1963 Job No 1913-131 Sheet 15 of 18



- NOTES:**
1. For GRADING SEQUENCE & disposition of excavated materials, refer to MASS GRADING PLAN.
 2. Where retaining walls exist along the northerly side of the LAGOON, the LAGOON shall slope up from the bottom in a manner similar to that proposed for the southerly side of the LAGOON to an elevation of approximately -1.7, adjacent to the wall. The CONTRACTOR shall be responsible for preserving the existing walls and shall modify this section so as not to affect the structural stability of the walls. Minor modifications may be made with the approval of the ENGINEER.
 3. Where rip-rap or other beach protection exists on the northerly side of the LAGOON only material above the surface of the original beach shall be removed in the area adjacent thereto.

APPROVALS

Handwritten signatures

M. J. Hanna
CITY ENGINEER 2-25-64

REGISTERED PROFESSIONAL ENGINEER

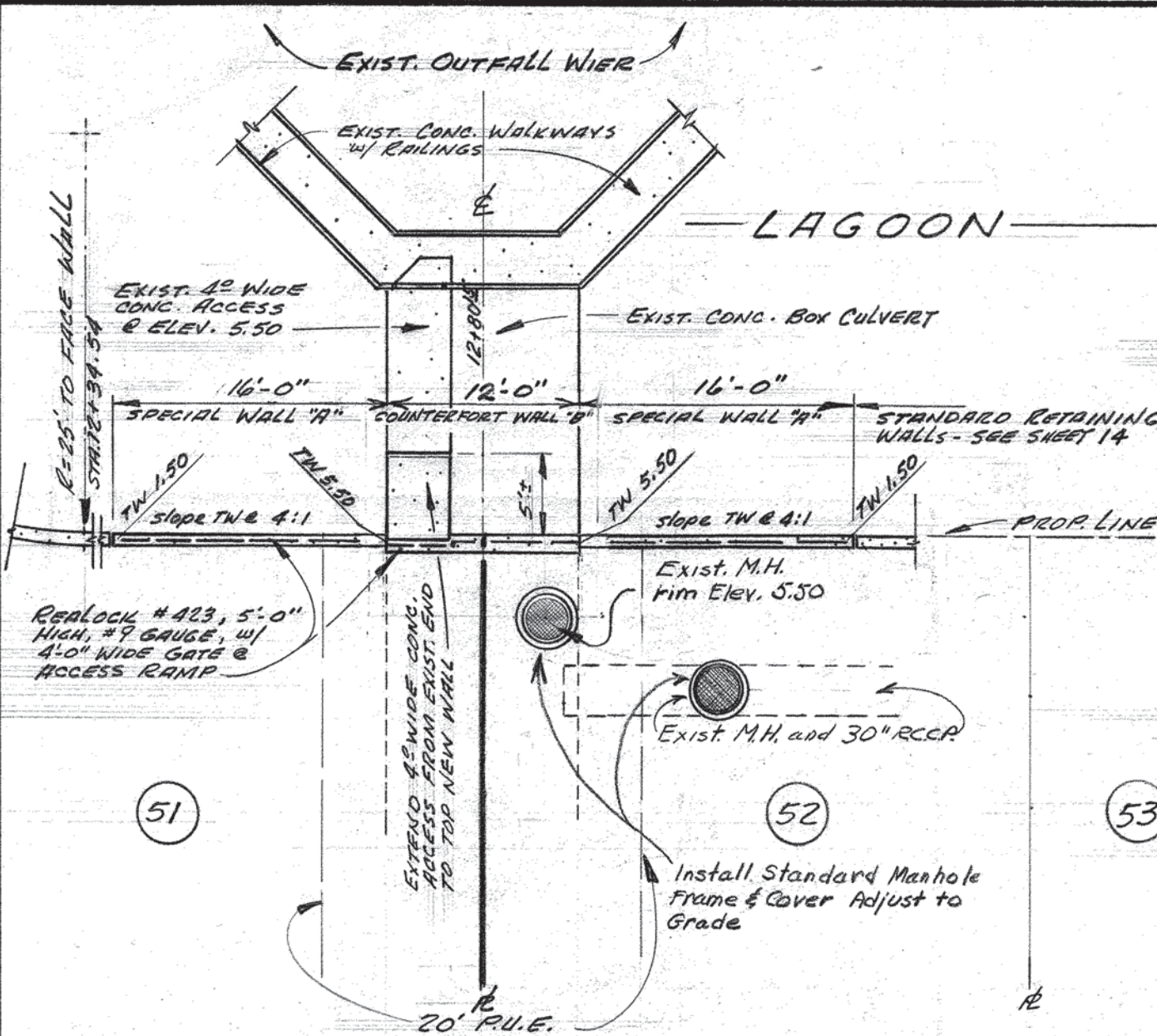
CALVIN M. JONES

No. 7542

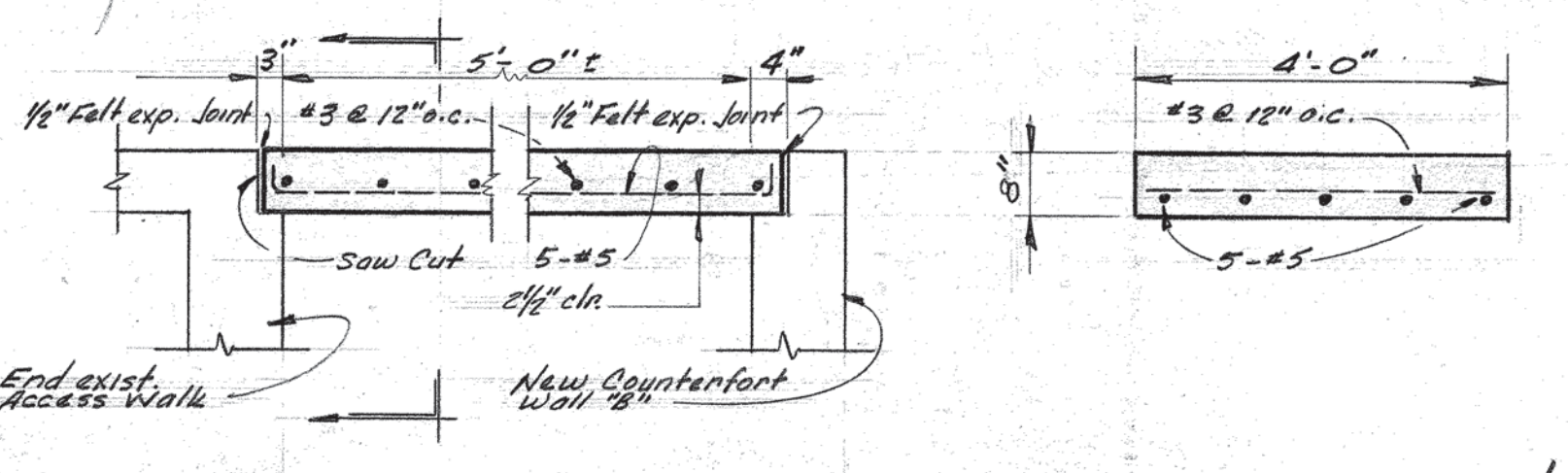
CIVIL

STATE OF CALIFORNIA

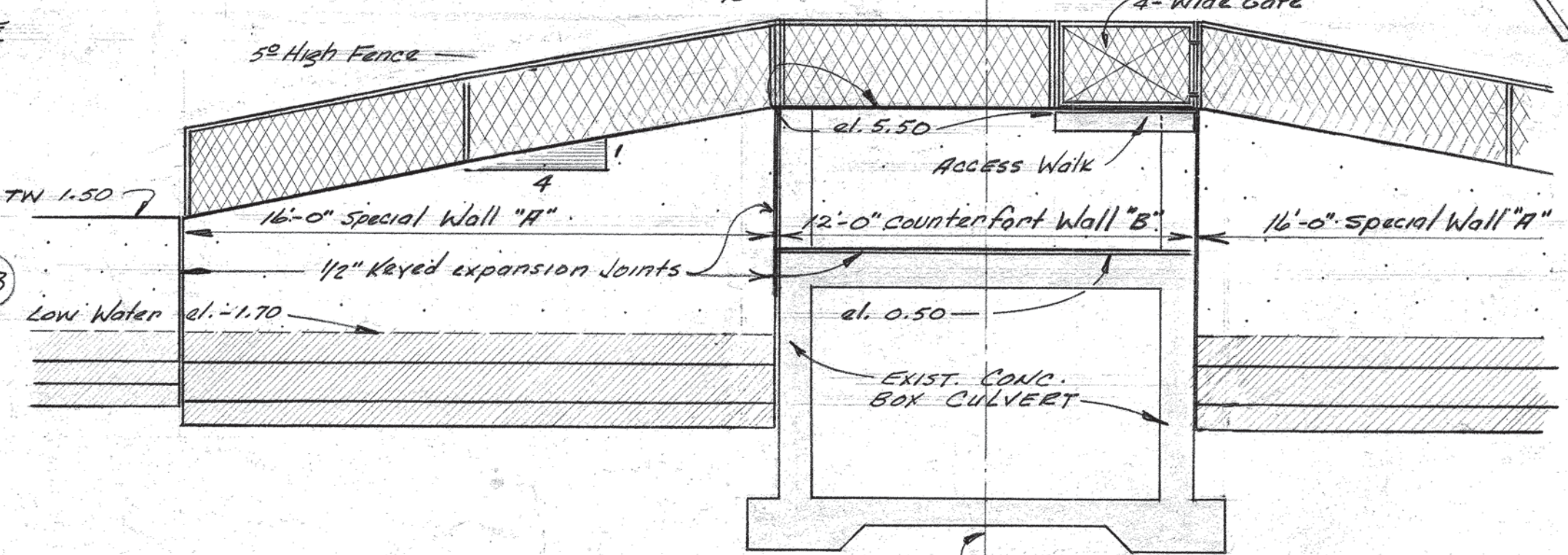
Revision	Date	By	Description
APPROVED			LOCATION PLAN LAGOON GRADING AND PROPERTY LINE RETAINING WALL SOUTH SHORE, UNIT NO. 4 ALAMEDA, CALIFORNIA.
Checked:		HRT	JONES - THENN ASSOCIATES
Drawn:		VAS	CIVIL ENGINEERS
Surveyed:		NOT A SURVEY	
Scale:		1" = 50'	445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA (415) 326-7100
Date:	Dec. 18, 1963		Job No. 19/13-15/1 Sheet 16 of 18 10



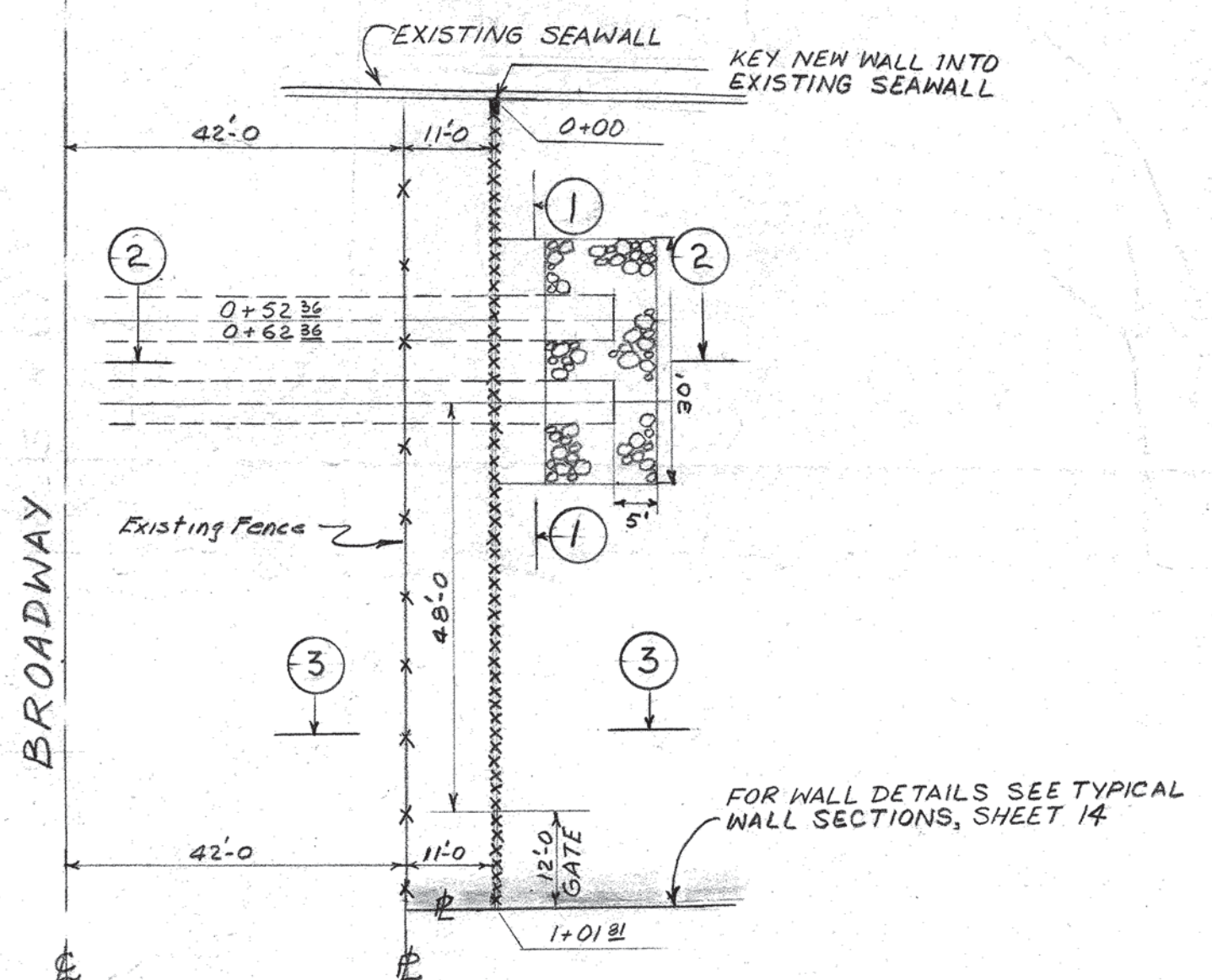
PLAN AT OUTFALL WEIR
Scale: 1" = 20'



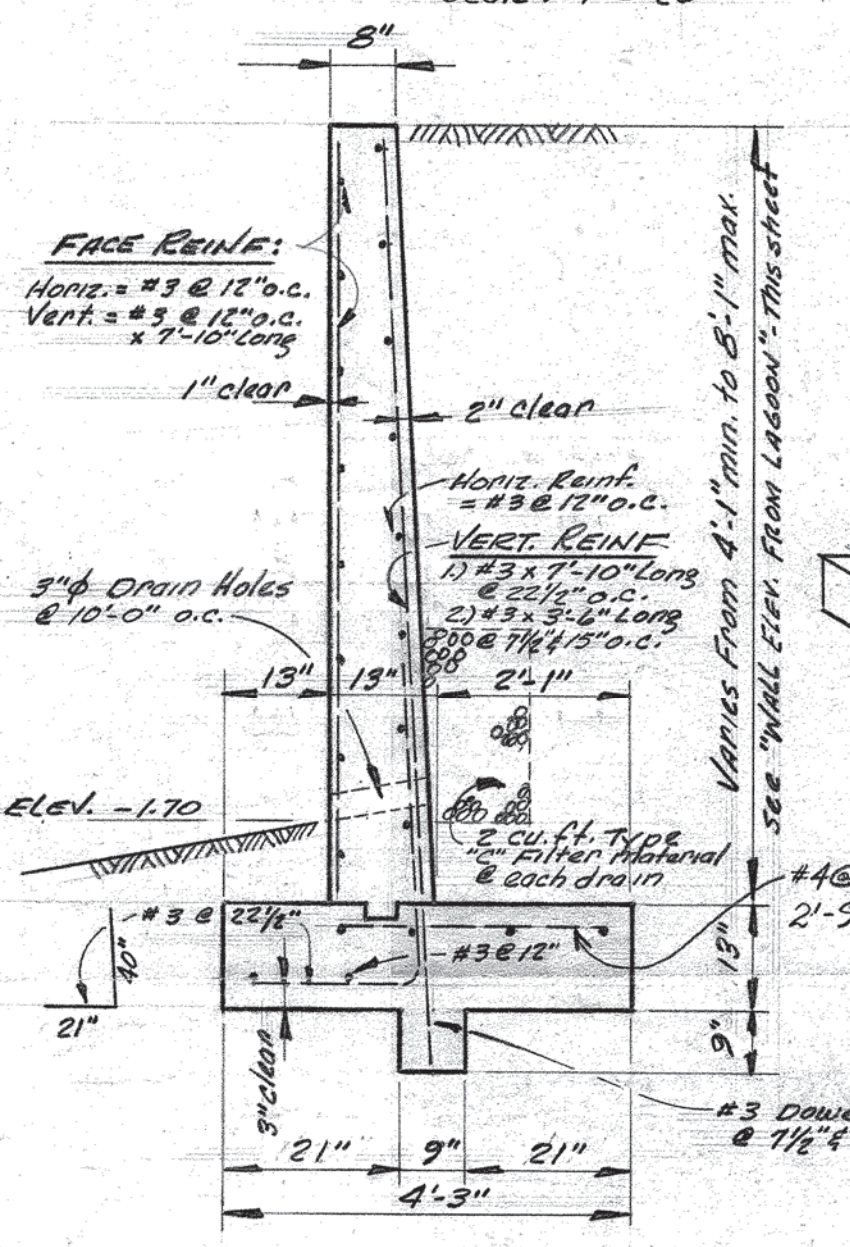
ACCESS WALK DETAIL SLAB SECTION
Scale: 1/2" = 1'-0"



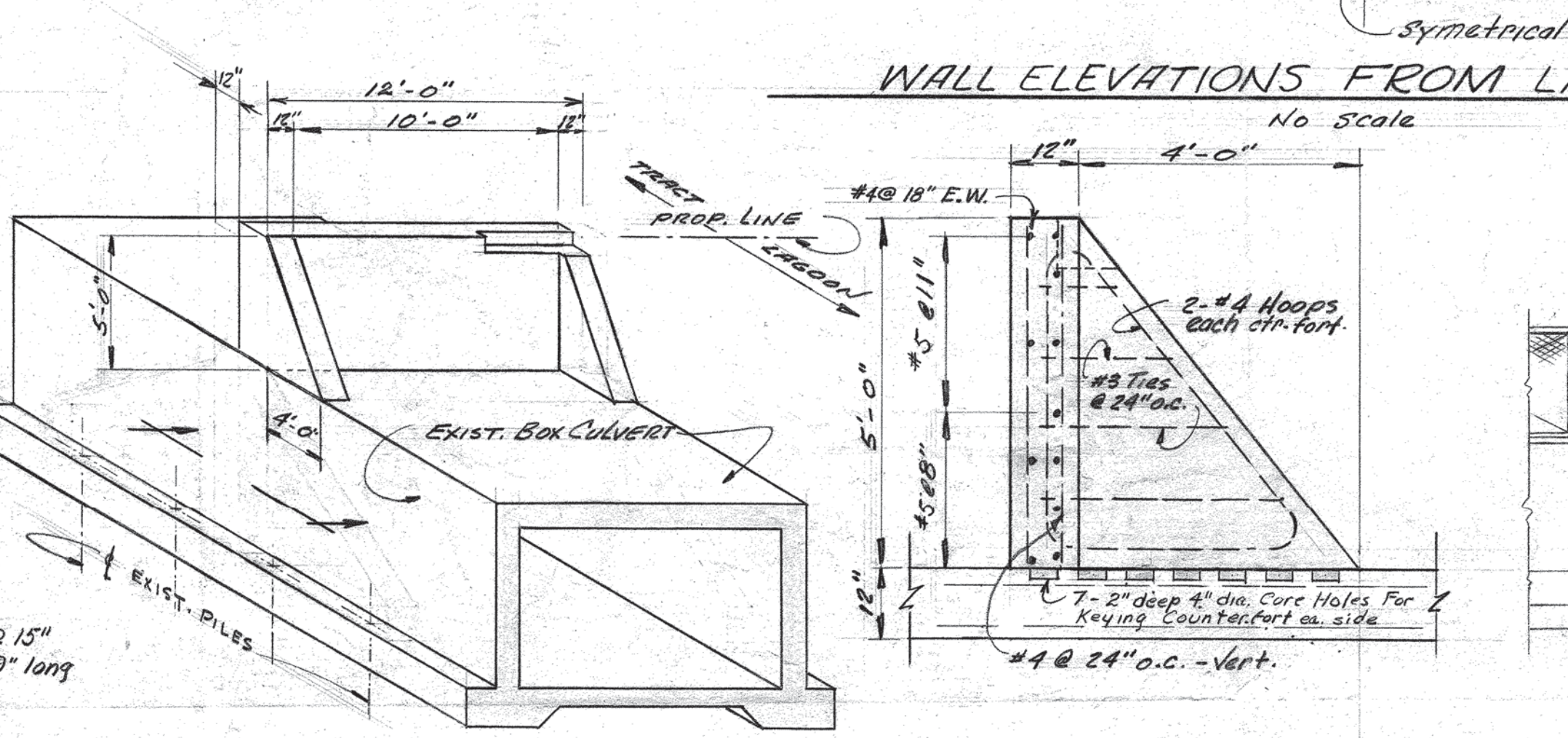
WALL ELEVATIONS FROM LAGOON
No Scale



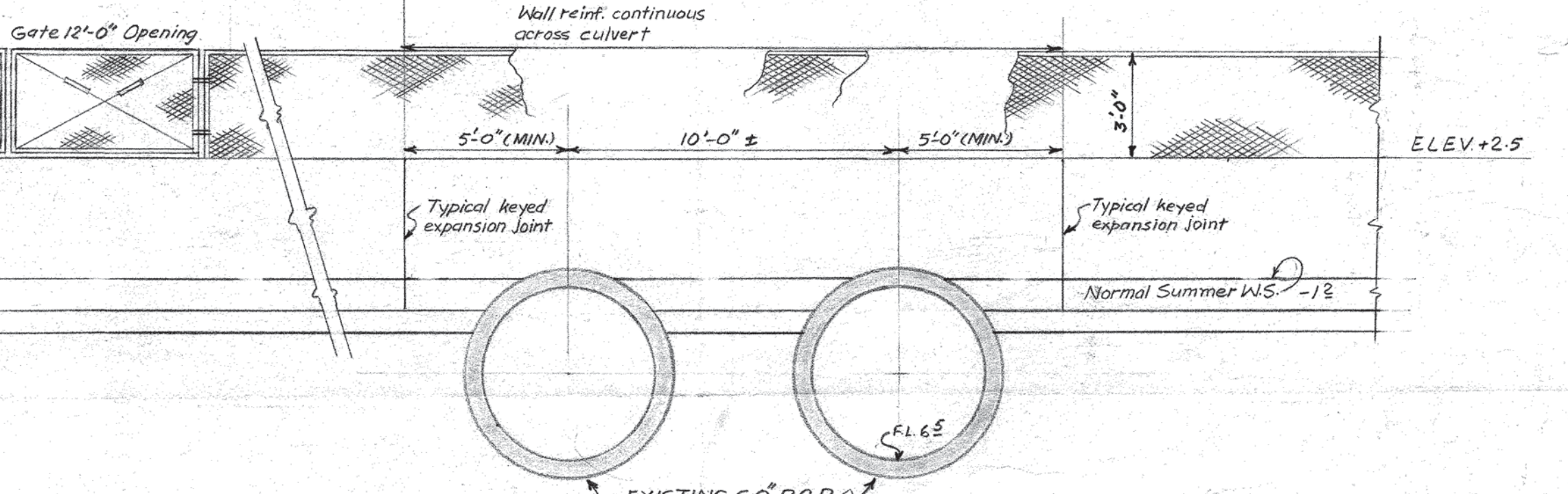
PLAN AT BROADWAY
SCALE: 1" = 20'



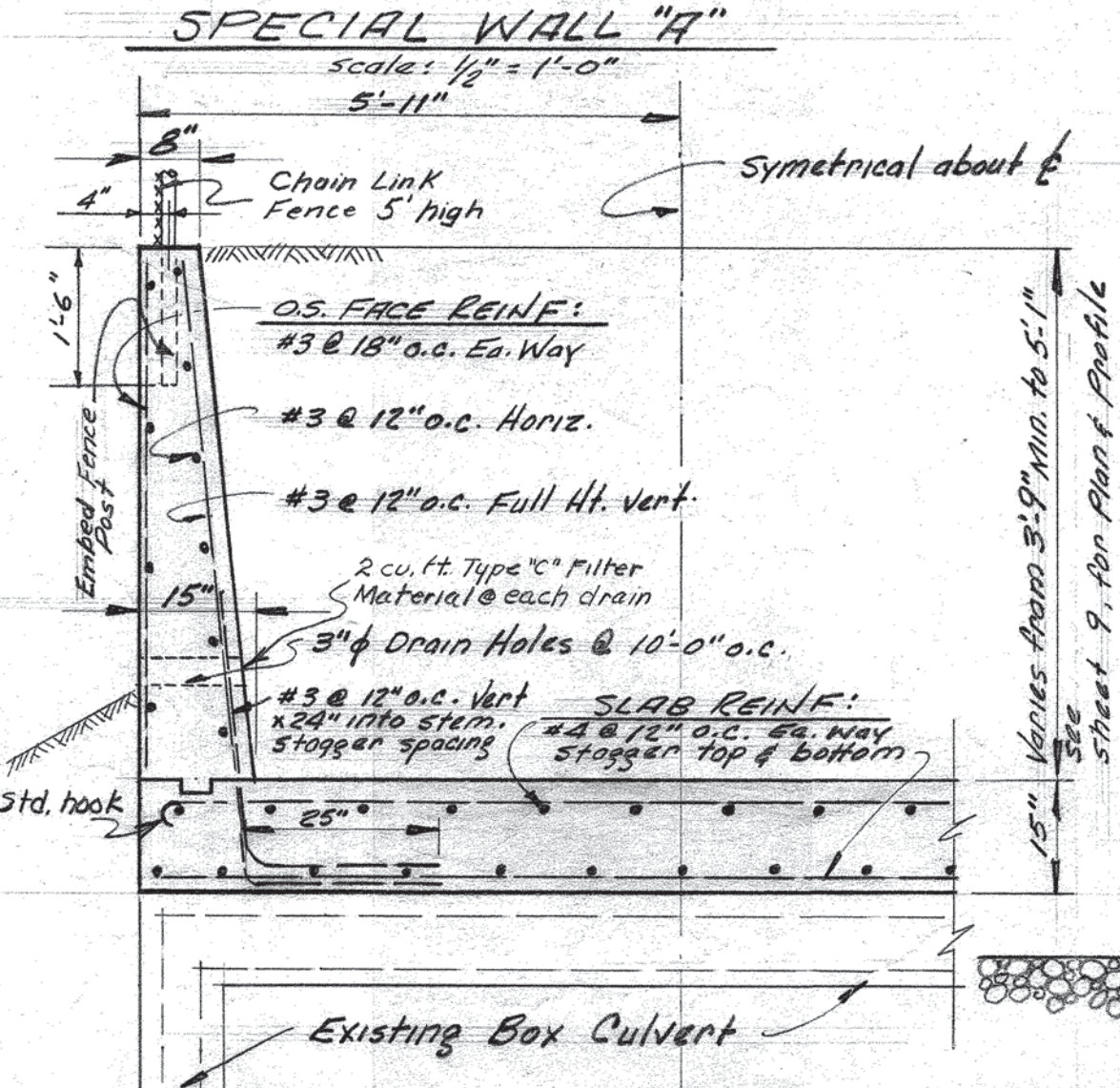
SPECIAL WALL 'A'
Scale: 1/2" = 1'-0"



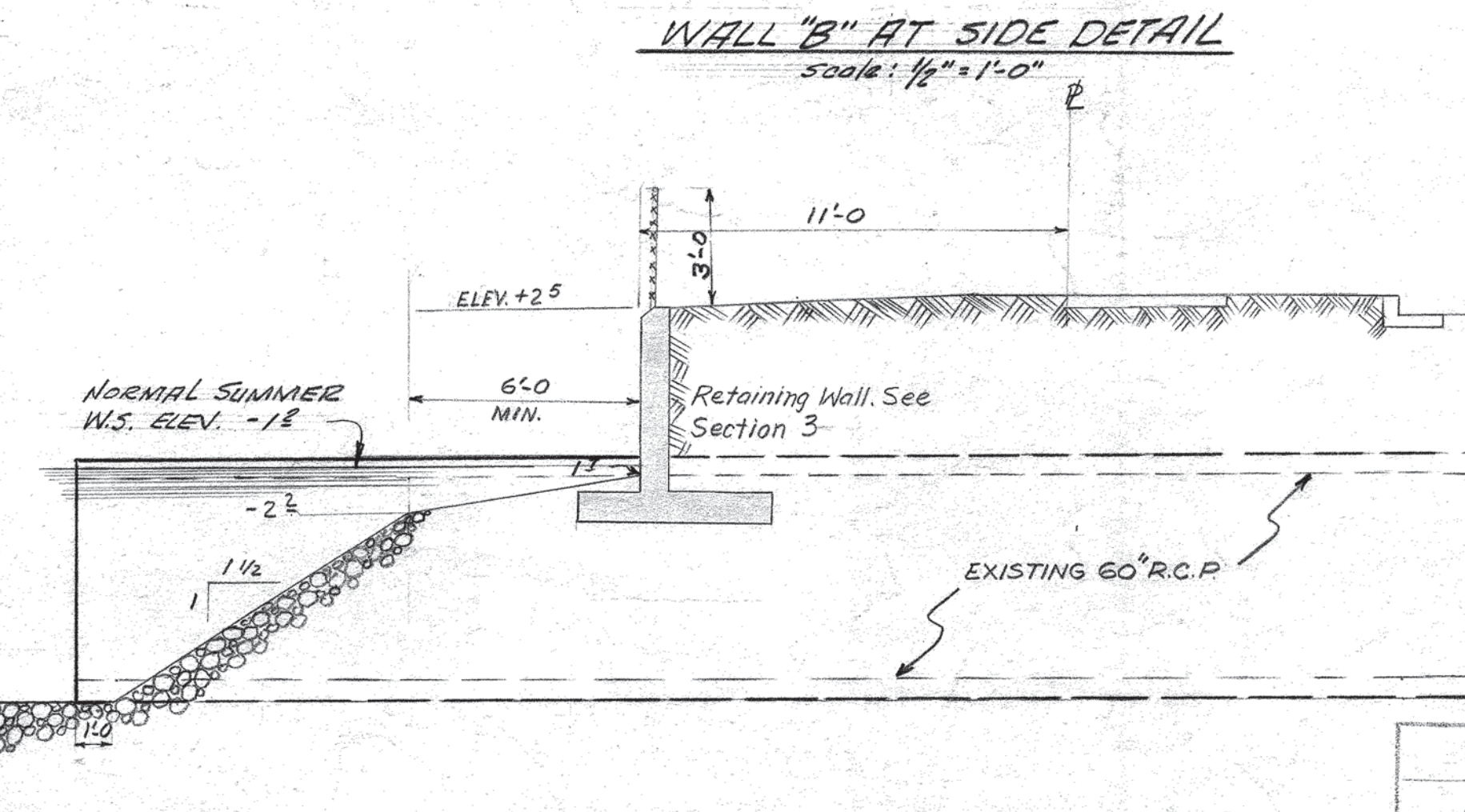
GENERAL VIEW - COUNTERFORT WALL 'B' TOP WALL 'B' DETAIL
Scale: 3/16" = 1'-0"



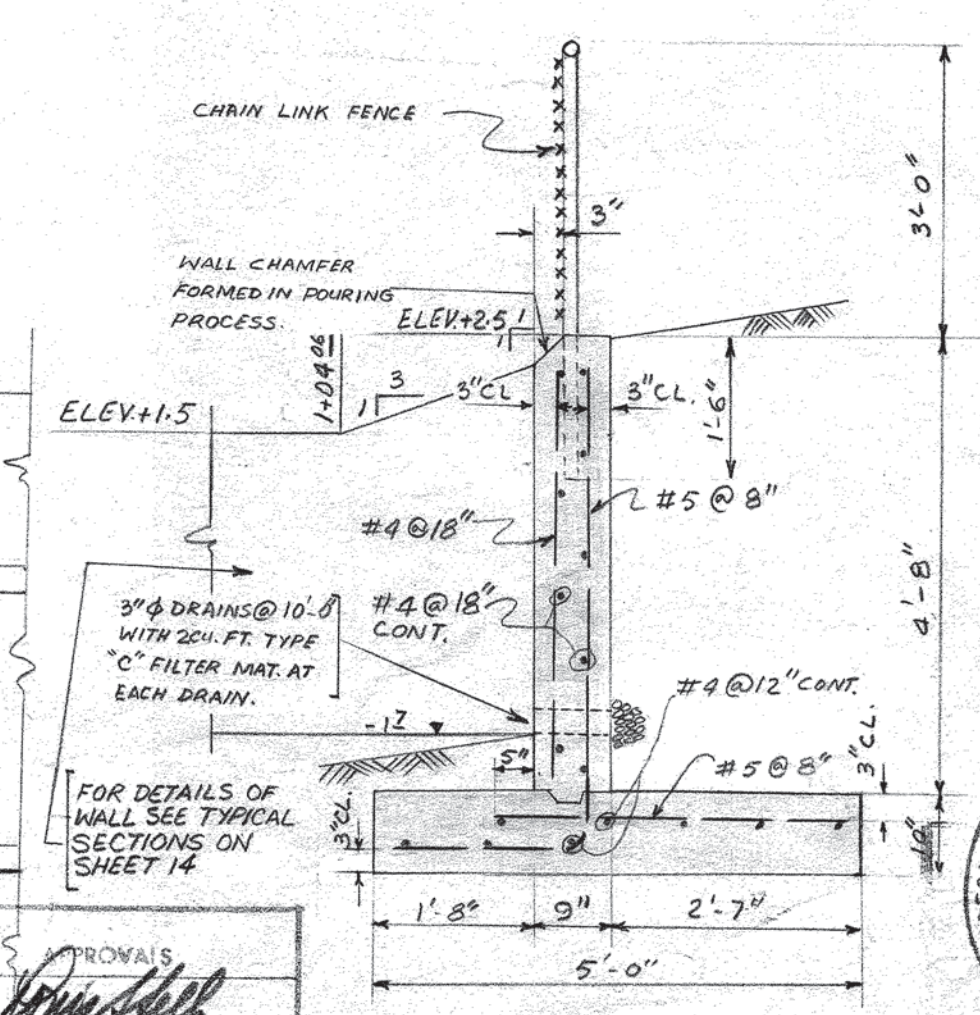
SECTION: I
SCALE: 1/4" = 1'-0"



RETAINING WALL SECTION AT OUTFALL CULVERT ROAD EXTENSION
Scale: 1/2" = 1'-0"



WALL 'B' AT SIDE DETAIL
Scale: 1/2" = 1'-0"



SECTION: 3
SCALE: 1/2" = 1'-0"

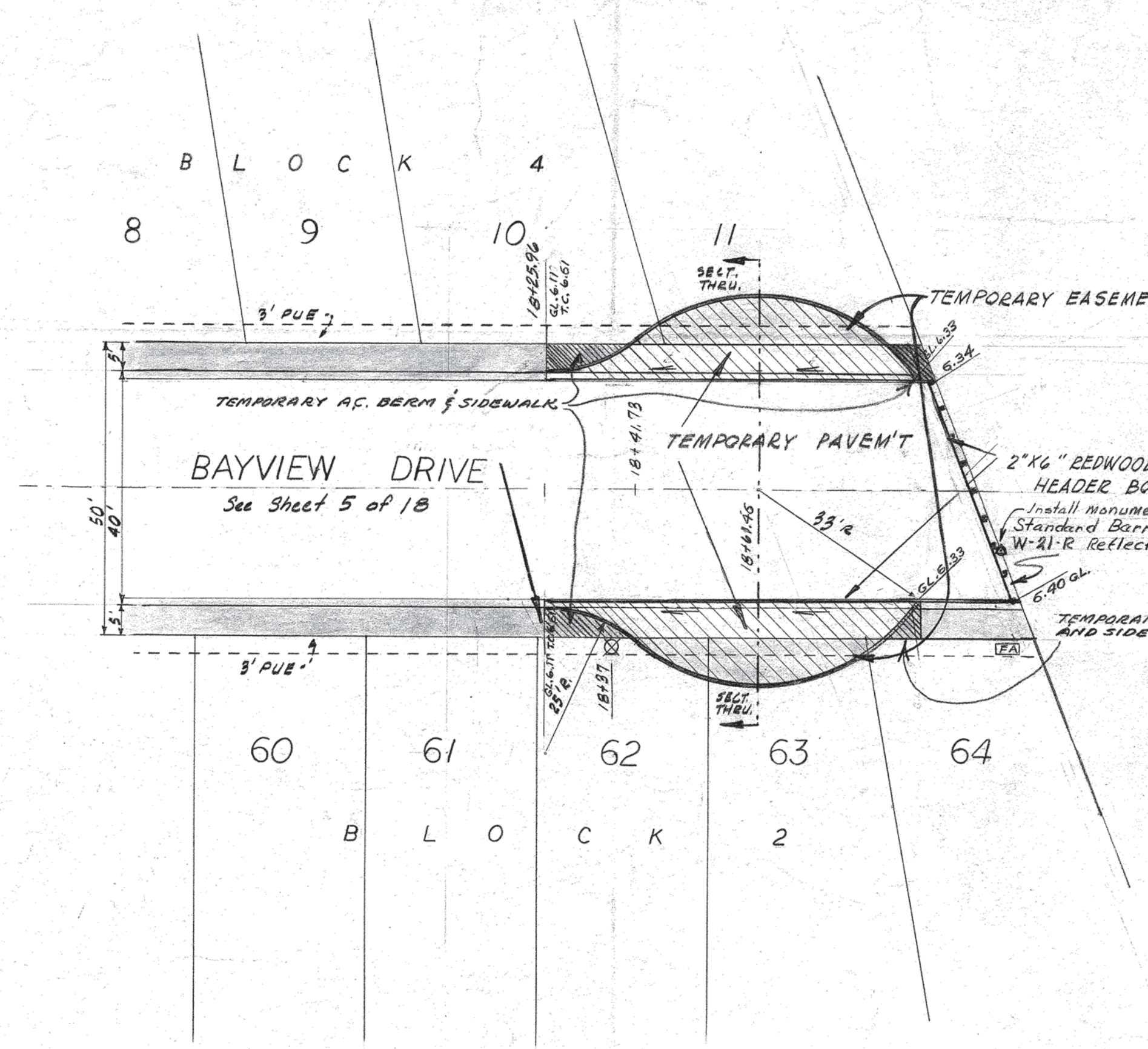
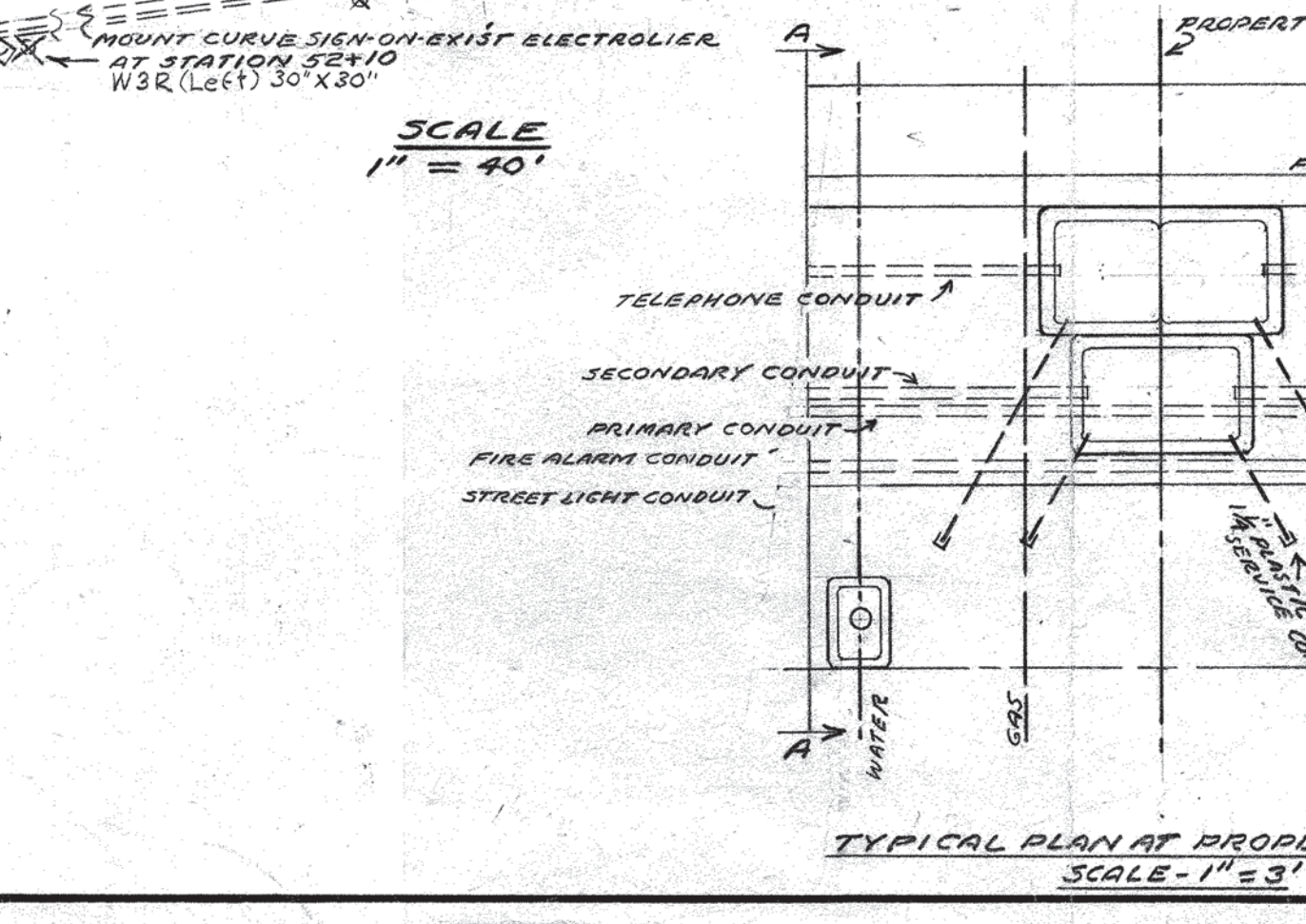
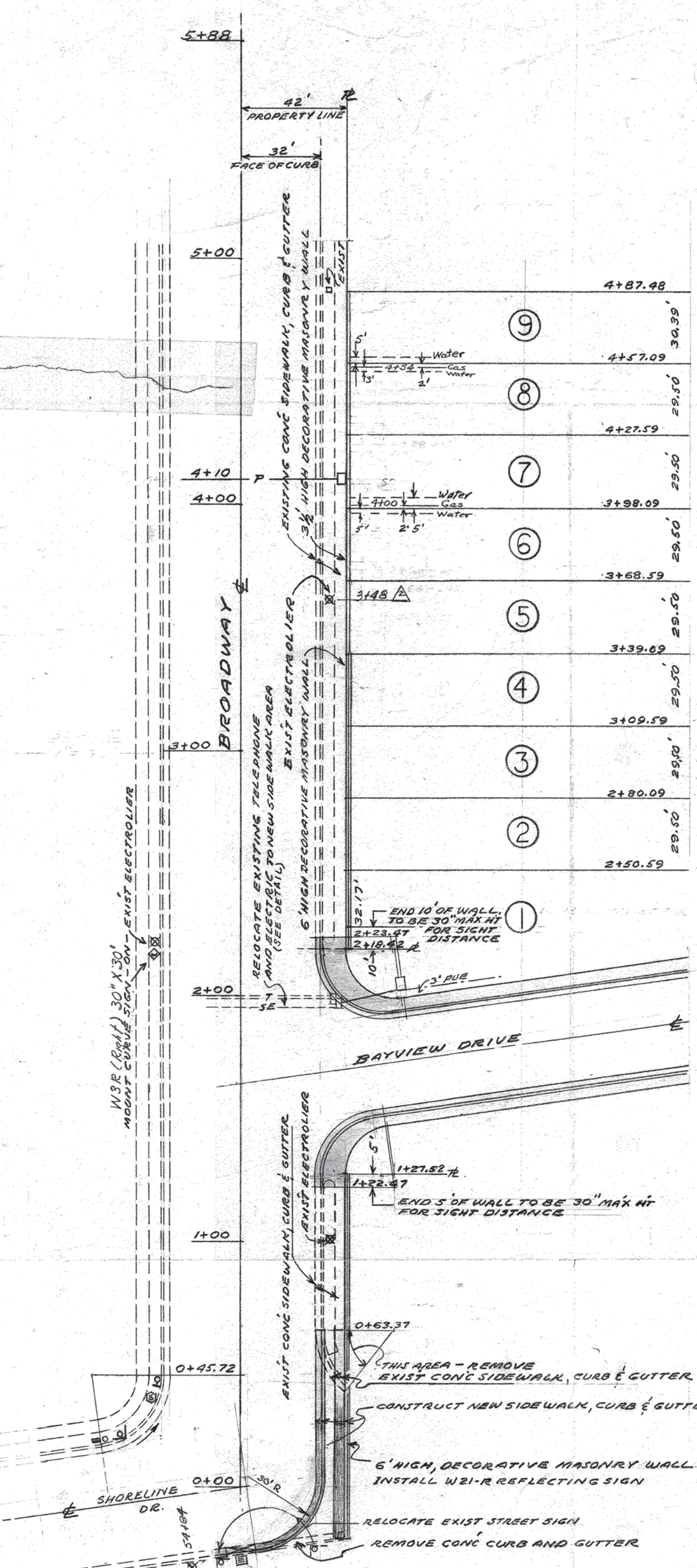
NOTES:
1. All concrete to have a 28 day compressive strength of 3000 psi.
2. Reinforcing steel shall be intermediate grade deformed bars.
3. Reinforcing steel shall be held 3" clear of concrete face in contact with soil, except where otherwise noted.
4. 1/8", preformed, key joint, expansion joint material (Flexcell or equal) shall be spaced at 20'-0" o.c.. Place this expansion joint material in vertical portion of wall only. (Note exception for special walls this sheet)
5. All exposed concrete surfaces to receive ordinary surface finish in accordance with Section 27 (t) (1) of California Division of Highways Standard Specifications dated August 1954. All other surfaces to receive a wood float finish.
6. All backfill to be dredged sand placed in 18" (max.) layers and flooded for compaction.
7. Reinforced concrete block wall and reinforced grouted brick wall alternatives shall be ~~not~~ ~~noted~~ ~~along~~ ~~the~~ ~~area~~ ~~of~~ ~~the~~ ~~common~~ ~~Cast-in-place~~ ~~reinforced~~ ~~concrete~~ ~~wall~~ ~~sections~~ ~~on~~ ~~curves~~ ~~may~~ ~~be~~ ~~positioned~~ ~~symmetrically~~ ~~about~~ ~~the~~ ~~bisector~~ ~~of~~ ~~the~~ ~~included~~ ~~angle~~ ~~of~~ ~~the~~ ~~curve~~ (face of wall not to extend beyond property lines in all cases) along 10'-0" maximum chords.

PROVISED
W. J. Wilkins
W. Copeland
M. J. Hanna
CITY ENGINEER 2-25-61

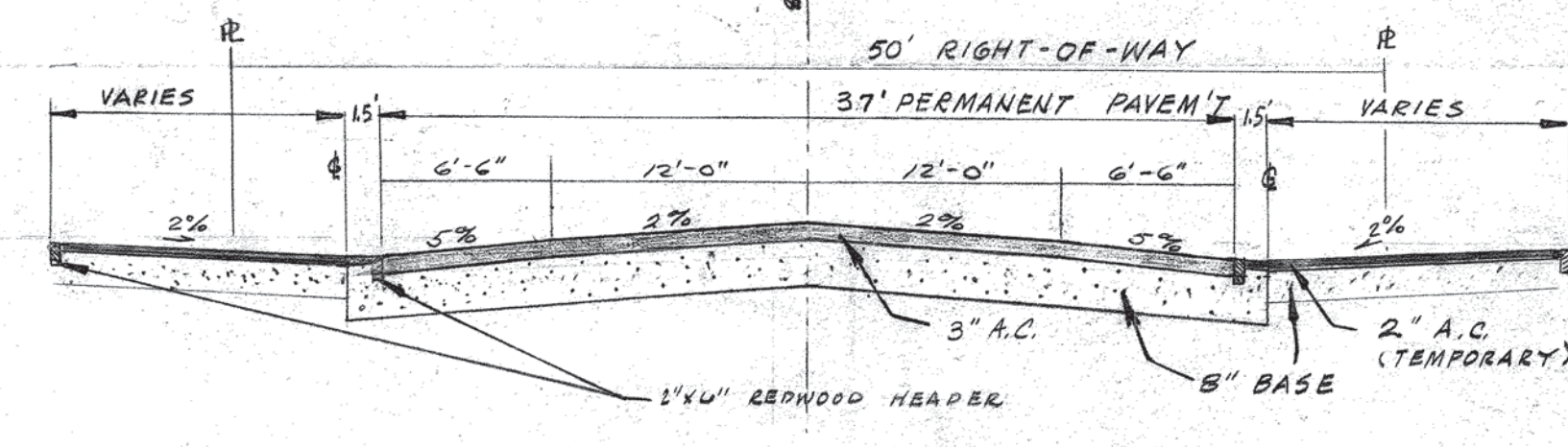
REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 7542
STATE OF CALIFORNIA

Revision	Done	By	Description
1			DETAILS LAGOON GRADING AND PROPERTY LINE RETAINING WALL SOUTH SHORE, UNIT NO. 4 ALAMEDA, CALIFORNIA.
APPROVED			JONES-THEW ASSOCIATES
Checked: HRT			CIVIL ENGINEERS
Drawn: VAS			445 SHEPHERD AVENUE, PALO ALTO, CALIFORNIA • (415) 326-2100
Surveyed: NOT A SURVEY			
Scale: As Shown			
Date: DEC 18 1963			Job No. 1913-131 Sheet 17 OF 18

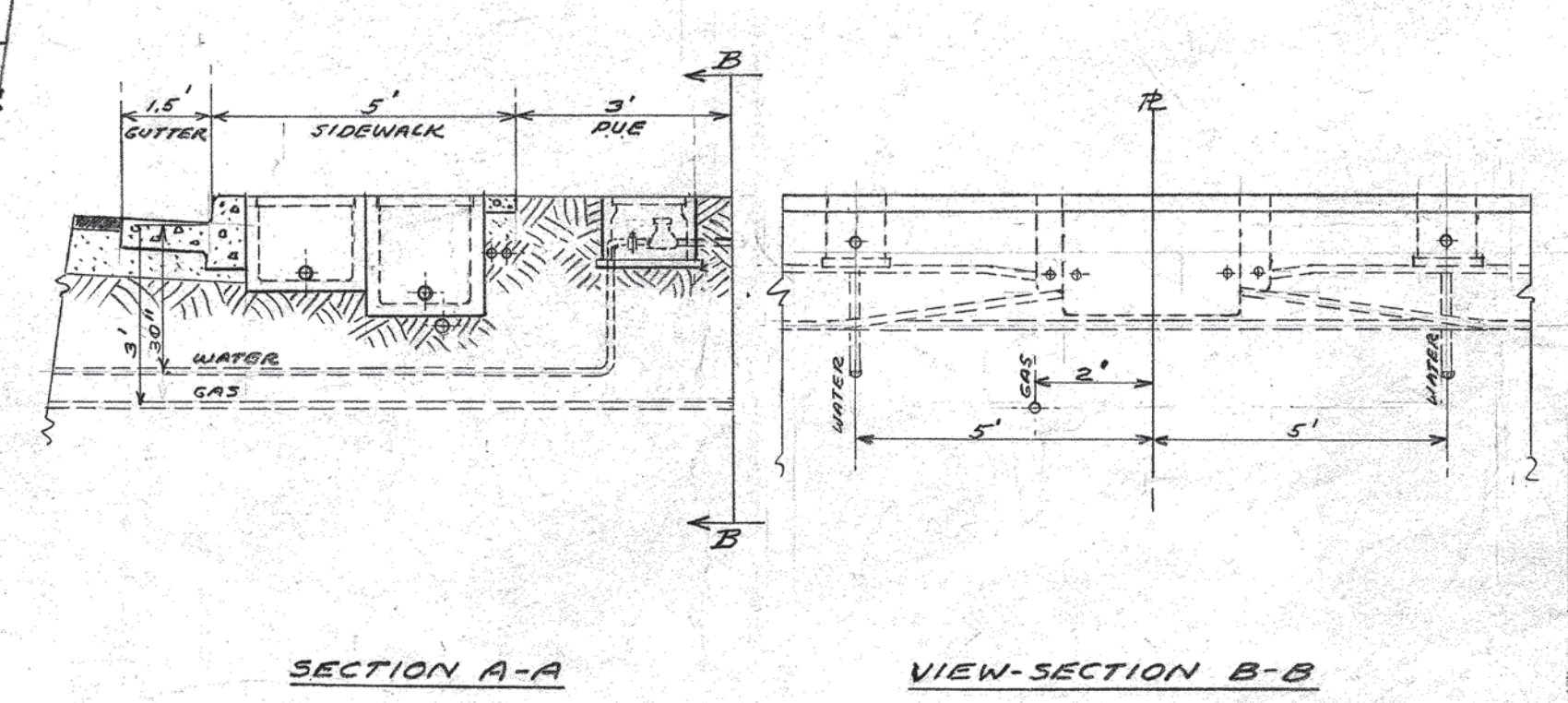
5482-111



DETAIL - TEMPORARY CUL-DE-SAC
BAYVIEW DRIVE
SCALE 1/2" = 20'

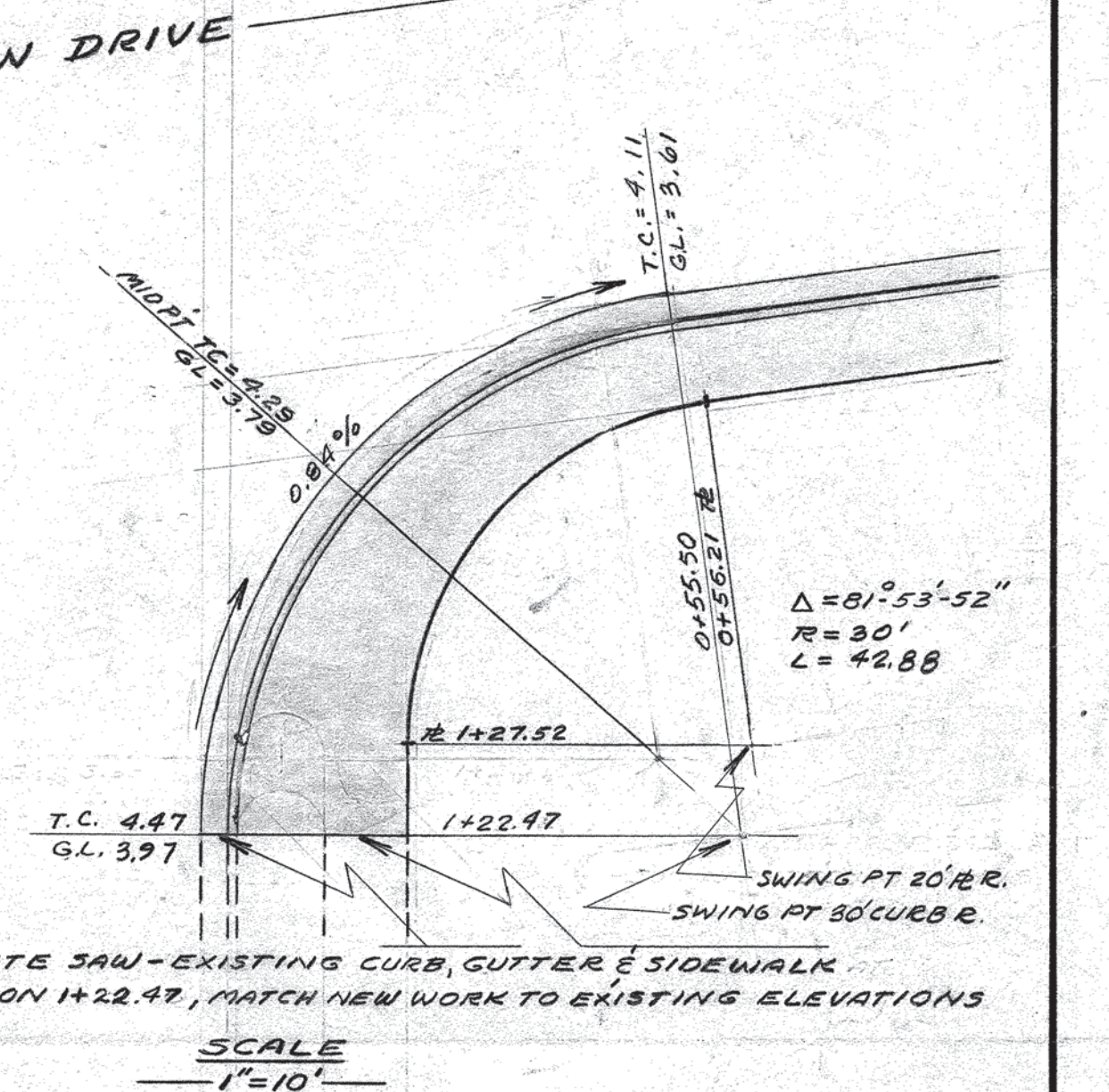
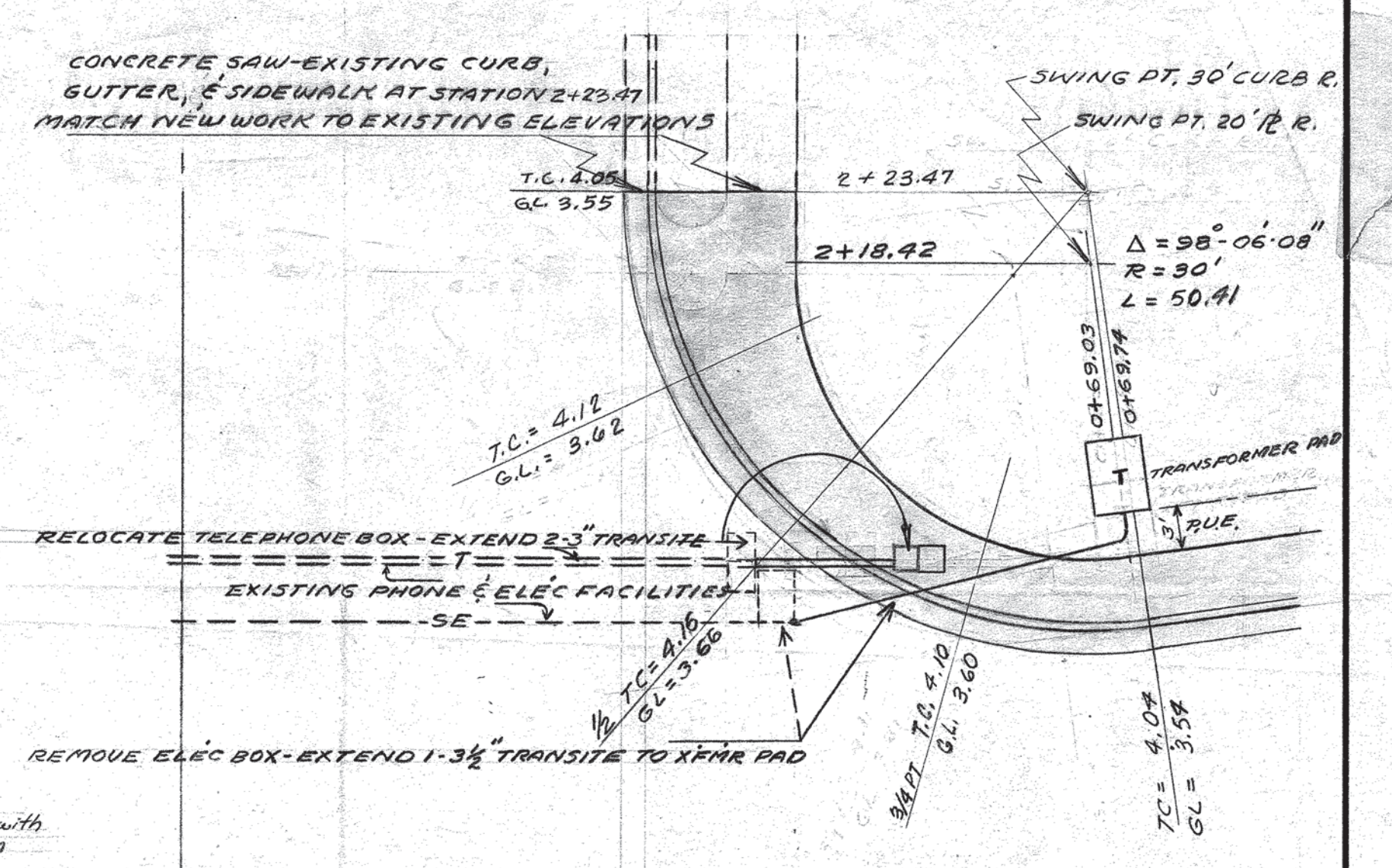


SECTION THRU TEMPORARY CUL-DE-SAC
NO SCALE

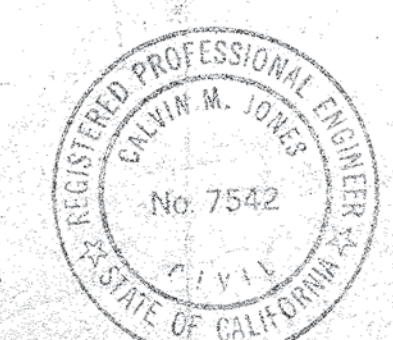


SECTION A-A

VIEW-SECTION B-B



EXISTING CONCRETE THAT IS TO BE REMOVED SHALL FIRST BE CUT WITH A CONCRETE SAW. ALL TRENCHES FOR WATER, GAS, AND SANITARY SERVICES SHALL BE BACK FILLED AND COMPACTED TO COMPLY WITH THE SPECIFICATIONS OF THE CITY ENGINEER.



APPROVALS
W. L. ...
W. L. ...
 M. J. Hanna
 CIVIL ENGINEER 2-25-64

4-26-65	PA.D.	Relocate Electroliner	As built.
4-7-64	EB	Revised W&R Curve Signs	
Revision	Date	By	Description
APPROVED:			
 Civil Engineer, R.E. No. 7542			
Checked: HRT			
Drawn: RML			
Surveyed: NOT A SURVEY			
Scale: AS SHOWN			
Date: DEC 18 - 1963			
JONES-THURN ASSOCIATES CIVIL ENGINEERS 445 SHERMAN AVENUE, PALO ALTO, CALIFORNIA (415) 326-3180			Job No. 1913-124 Sheet 18 of 18