

E.B.M.U.D. R/W

RAINTREE DRIVE

PUMPING PLANT PANEL
WEATHER PROOF.
AREA LIGHT 150W
HUBBELL AOPT 14100/30° REFLECTOR
2" GALV. STL. POLE 10' ABOVE GRADE

20HP PUMP MOTOR
AIR RELEASE SOLENOID VALVE
2" 12-1/2" C
3" 4-1/4" C
PROBES

LOT A
LOT 6

DETAIL LOT A

SCALE 1"=10'

E.B.M.U.D. R/W

ROXBURY LANE

30HP PUMP MOTOR
AIR RELEASE SOLENOID VALVE
STAND-BY GENERATOR
PROBES
PUMPING PLANT PANEL
METER & MAIN SWITCH 150/3 4W

LOT B
LOT 15

DETAIL LOT B

SCALE 1"=10'

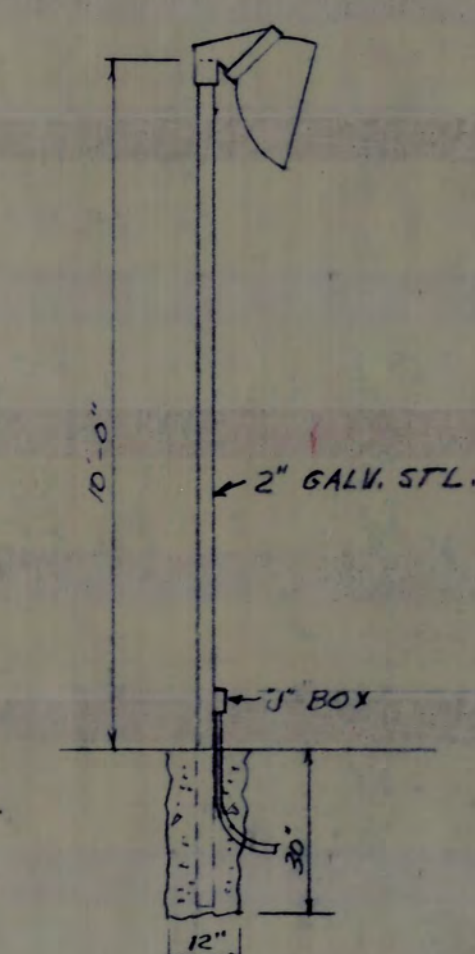
SERVICE TRENCHING, CONDUIT & WIRE BY R.G.E. (TYPICAL)

LIGHT FIXTURES

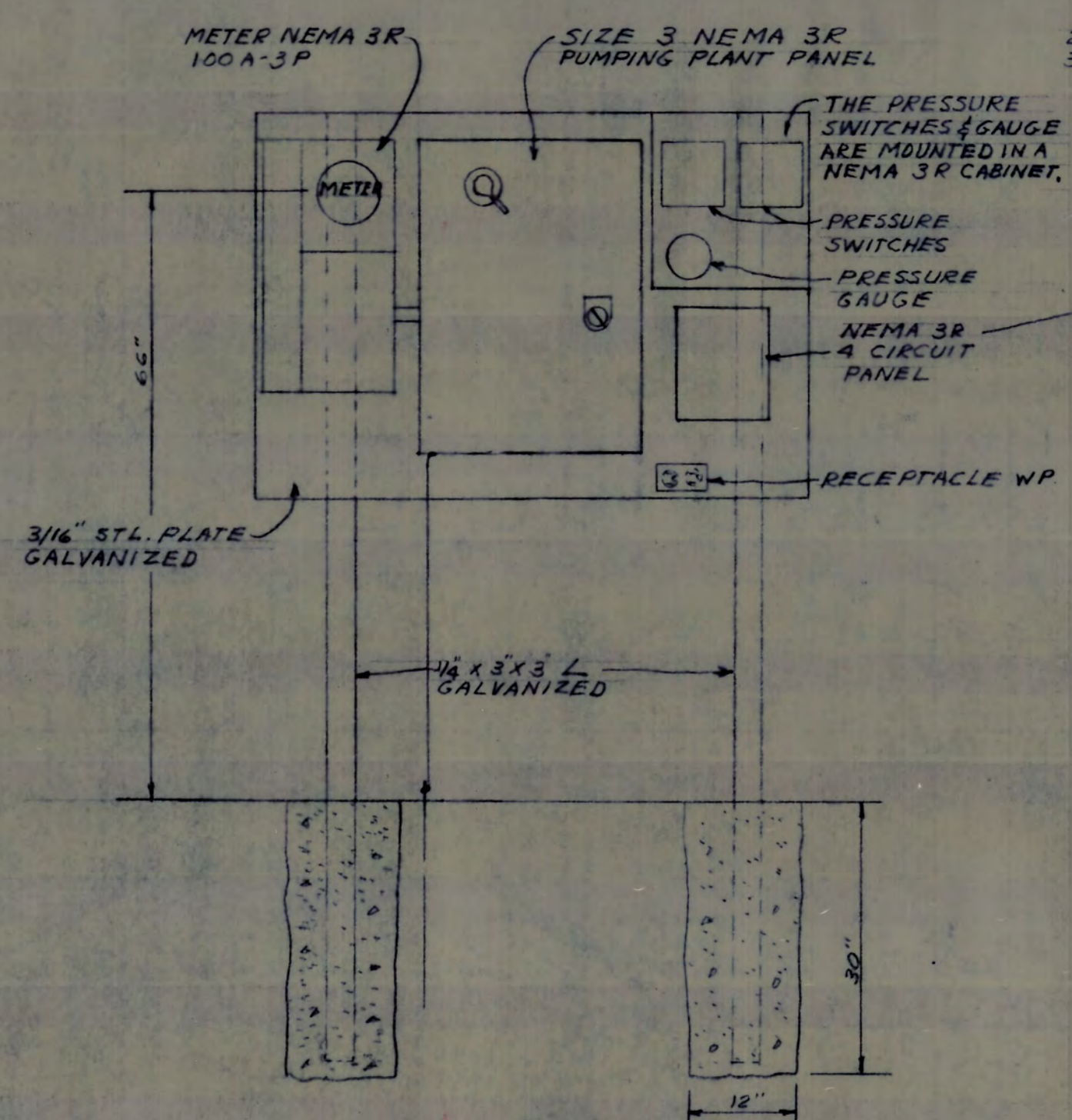
- A HUBBELL *A0-10/ SHALLOW DOME REFLECTOR
150A 23/99 LAMP.
- B HUBBELL *A0W-10100/30° REFLECTOR
150A 23/99 LAMP.

PUMP PANEL

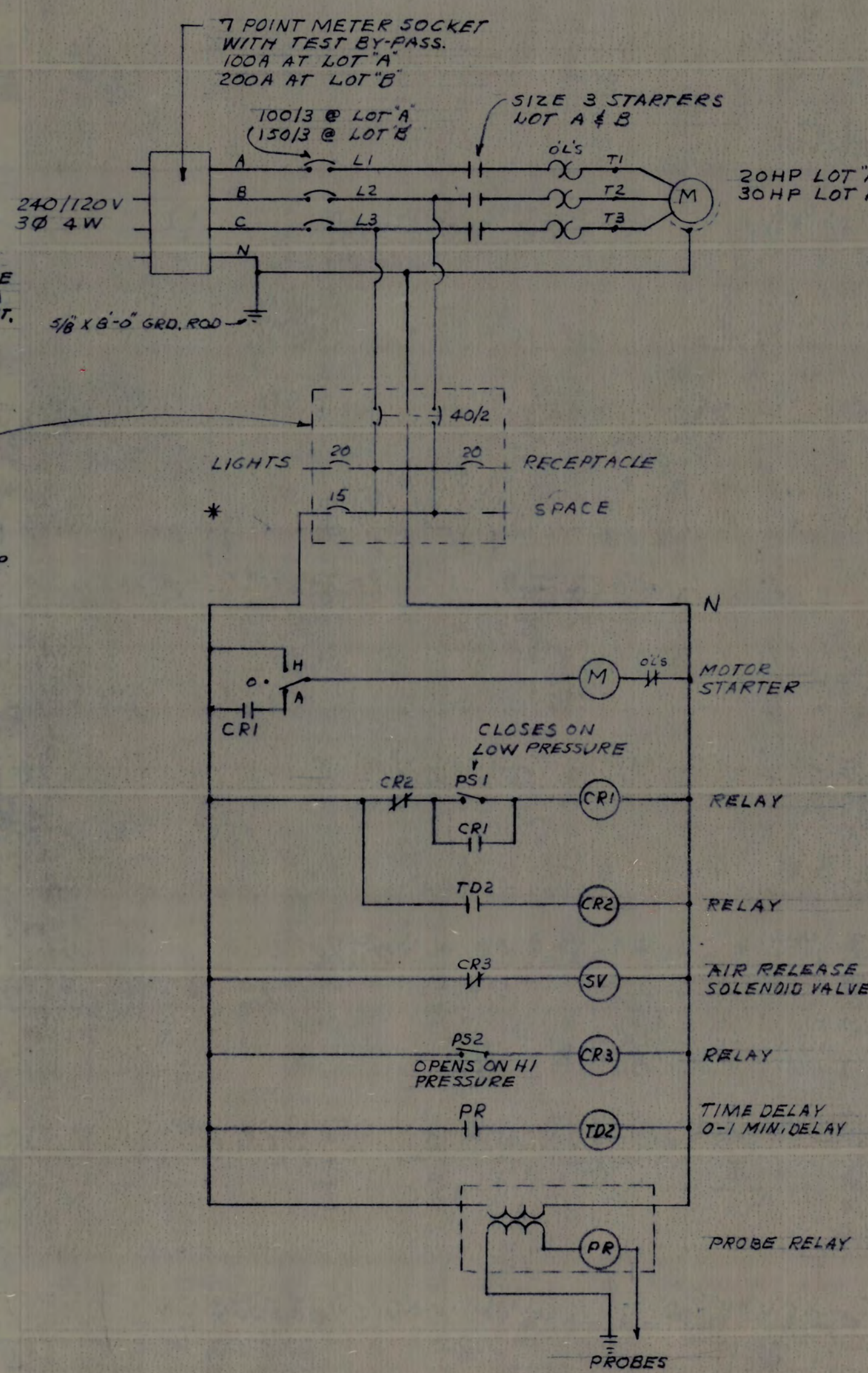
SHALL BE FURNISHED & INSTALLED AS SHOWN ON THIS DRAWING. THE PUMPING PLANT SHALL BE ARRANGED FOR THE INSTALLATION OF SEALS BY THE UTILITY COMPANY. FURNISH & INSTALL A PUMP CONTROL SYSTEM FOR OPERATING THE PUMP SO IT WILL START AT 40 PSI & SHUT OFF AT 60 PSI. THE CONTROL SHALL BE SUCH THAT THE HIGH & LOW PRESSURE RANGE MAY BE ADJUSTED TO MEET OTHER OPERATING CONDITIONS IF NECESSARY. THE SYSTEM SHALL BE OF THE AIR VENT TYPE WITH HAND-OFF-AUTO SELECTOR SWITCH, PRESSURE SWITCH(S) AND PRESSURE GAUGE. THE CONTROL SHALL BE A COMBINATION PRESSURE CONTROL FOR OPERATING THE PUMP AND SOLENOID VALVE TO ACCURATELY & AUTOMATICALLY MAINTAIN THE CORRECT AIR/WATER RATIO IN THE TANK AT ALL TIMES. THE PUMP WILL BE STOPPED AT THE DESIRED HIGH WATER LEVEL BY A SEPARATE PROBE OPERATED SWITCH. THE CONTROL WILL AUTOMATICALLY OPERATE THE SOLENOID VALVE REBALANCING THE AIR PRESSURE BY VENTING EXCESS AIR. THE CONTROL UNIT MAY BE INSTALLED IN THE PUMPING PLANT PANEL WITH SUITABLE BARRIERS AND VOLTAGE PROTECTION. PRESSURE SWITCHES PS1 & PS2 SHALL BE MERCATO SERIES D500 PS1 - "DAW-53 RANGE 6, 3.7516 DIFFERENTIAL PS2 - "DAW-533 " 6, 2.016 " PROBE RELAY SHALL BE B/W INDUCTIVE TYPE "2R" 120V. PRIMARY, 220V. SECONDARY COIL "595. PROBE HOLDER B/W TYPE EI, LENGTH OF PROBE AS SHOWN ON THE TANK DETAIL DRAWING. SOLENOID VALVE - ASCO "326316 WITH WEATHER-PROOF HOUSING.



AREA LIGHT
NO SCALE



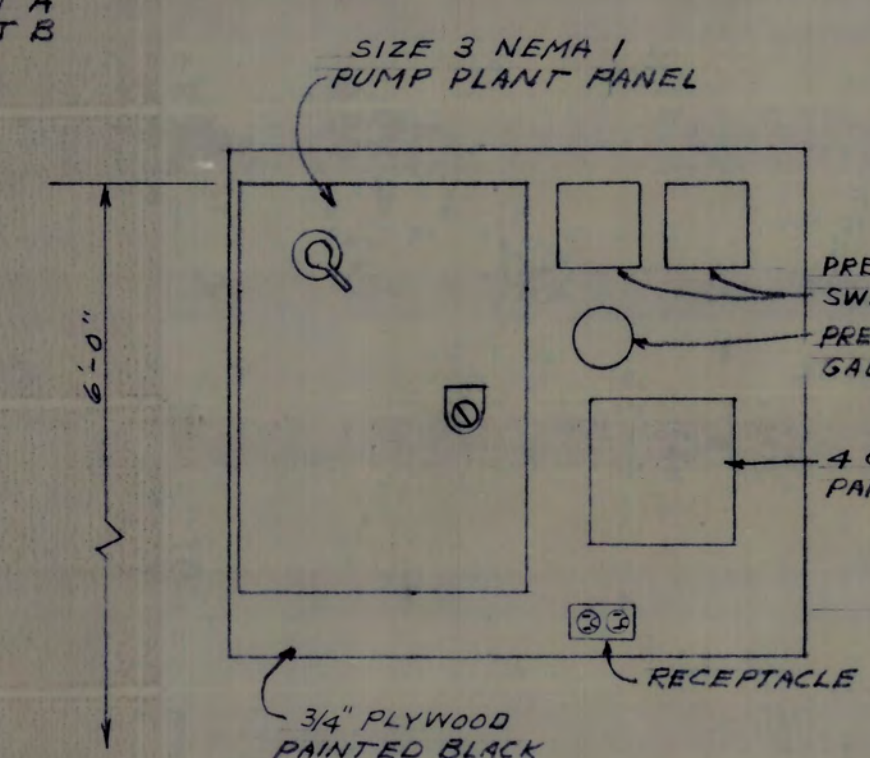
ELEVATION OF PUMP PANEL
LOT "A"



* LOCK ON BREAKER.

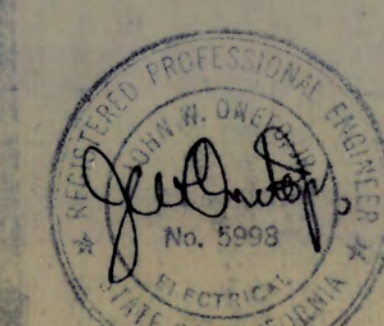
SCHEMATIC OF PUMP CONTROL

TYPICAL FOR BOTH PUMPS.



ELEVATION OF PUMP PANEL
LOT "B"

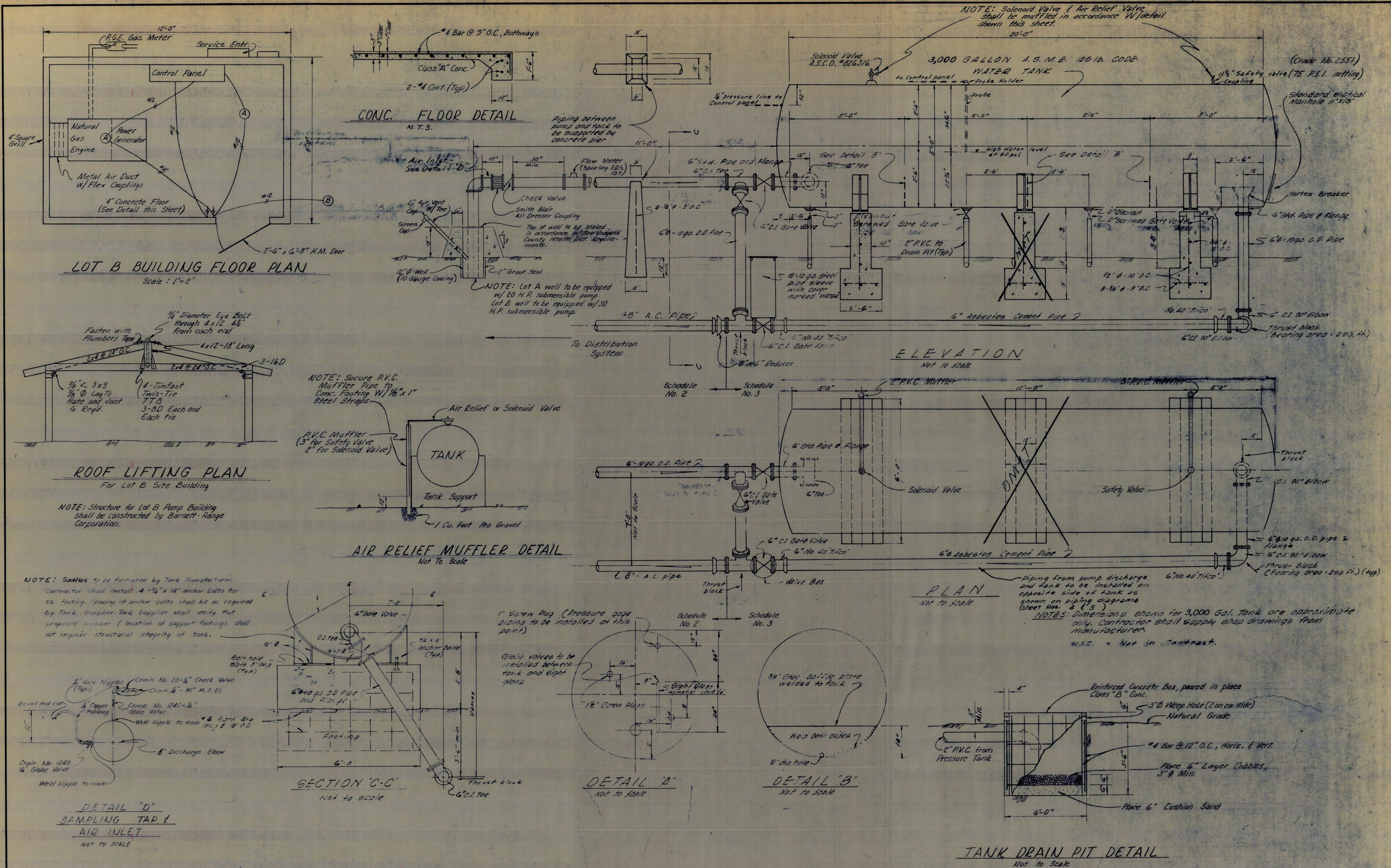
COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
APPROVED	DATE
DIRECTOR OF PUBLIC WORKS	R.C.E. NO.
APPROVED REVISION	DATE



MORADA WEST UNIT NO. 1	
SCALE NOTED	APPROVED BY
DATE	DRAWN BY JEP
REVIS	
WATER PRESSURE SYSTEM ELECTRICAL DETAILS	
ONETO & ARTHUR ENGINEERING 922 N CENTER ST. STOCKTON, CA.	DRAWING NUMBER 6-2035

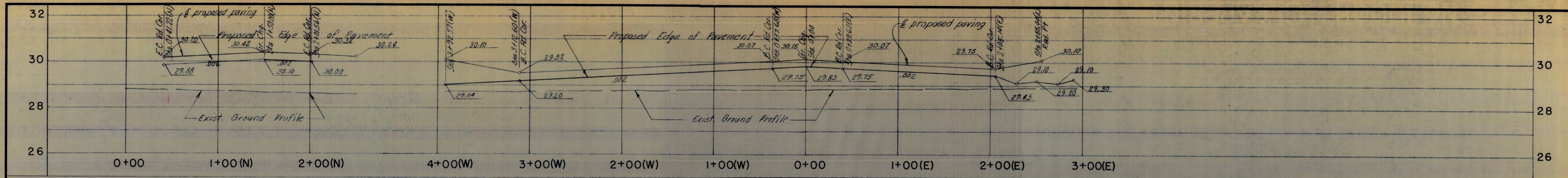
SHEET
9
OF 9

501230



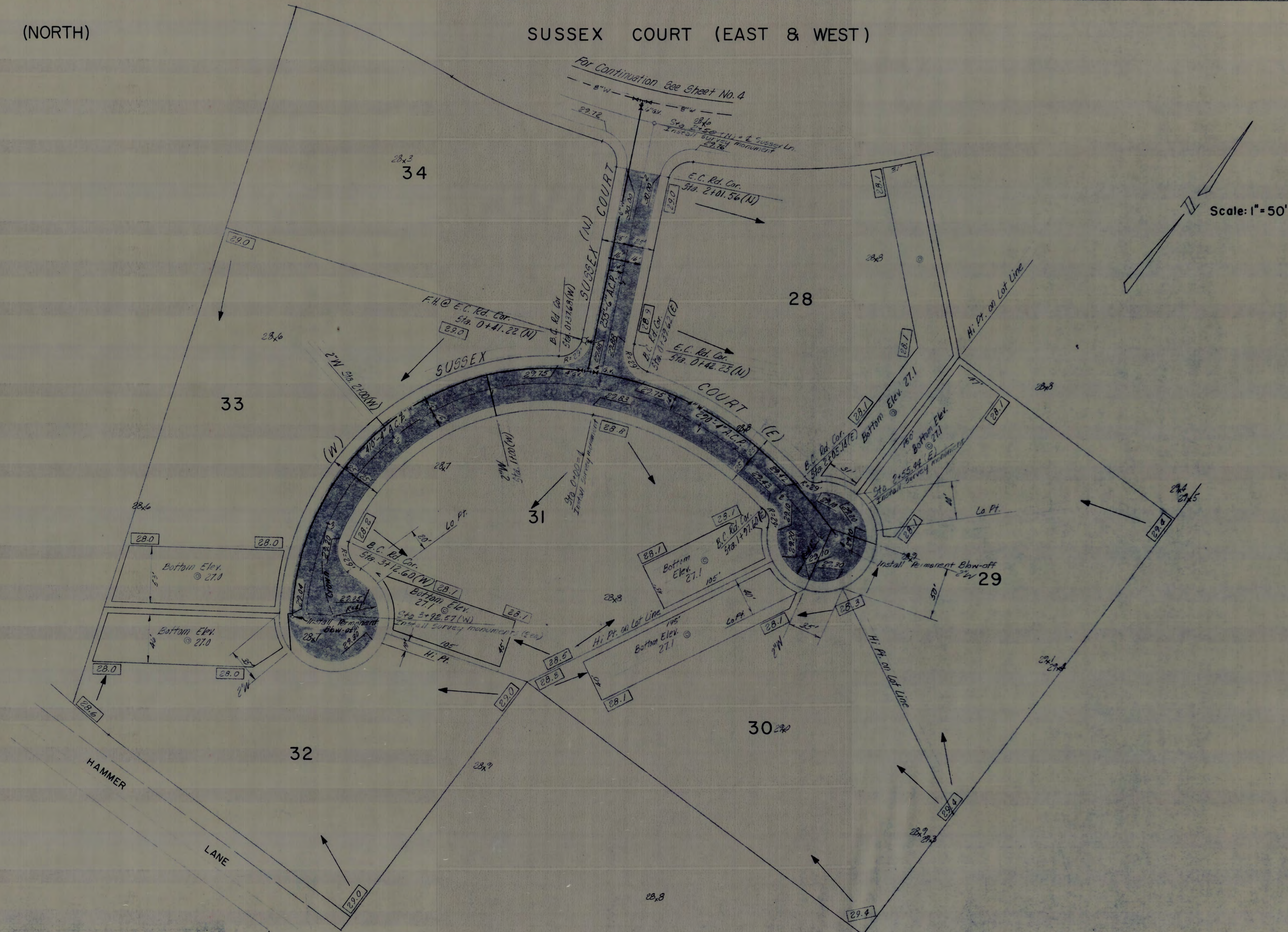
5-7-79 Don Bender W MFD 5-7-79 Steve Thienes Fire Warden	COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS		REVISIONS			R. W. SIEGFRIED & ASSOCIATES CONSULTING CIVIL ENGINEERS 2132 NORTH EL DORADO STREET, STOCKTON, CALIFORNIA Robert A. Siegfried R.C.E. No. 17,351	JOB NO. 3574 DATE Sept. 1978 F.B. No. 441 DRAWN D.E.K. DESIGN R.G.G. CHECKED R.G.C.	TRACT NO. 1027 MORADA WEST UNIT NO. 1. DOMESTIC WATER SYSTEM PRESSURE TANK DETAILS	SHEET 8 OF 9 FILE NO. G-2035		
	APPROVED	DATE 5-11-79	No.	DESCRIPTION	DATE					BY	
											R.C.E. No. 9534
	DIRECTOR OF PUBLIC WORKS										
	APPROVED REVISION										

50/231



SUSSEX COURT (NORTH)

SUSSEX COURT (EAST & WEST)



COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
APPROVED: <i>[Signature]</i> DIRECTOR OF PUBLIC WORKS	DATE: 5-18-77 R.C.E. NO. 1735
APPROVED REVISION	DATE

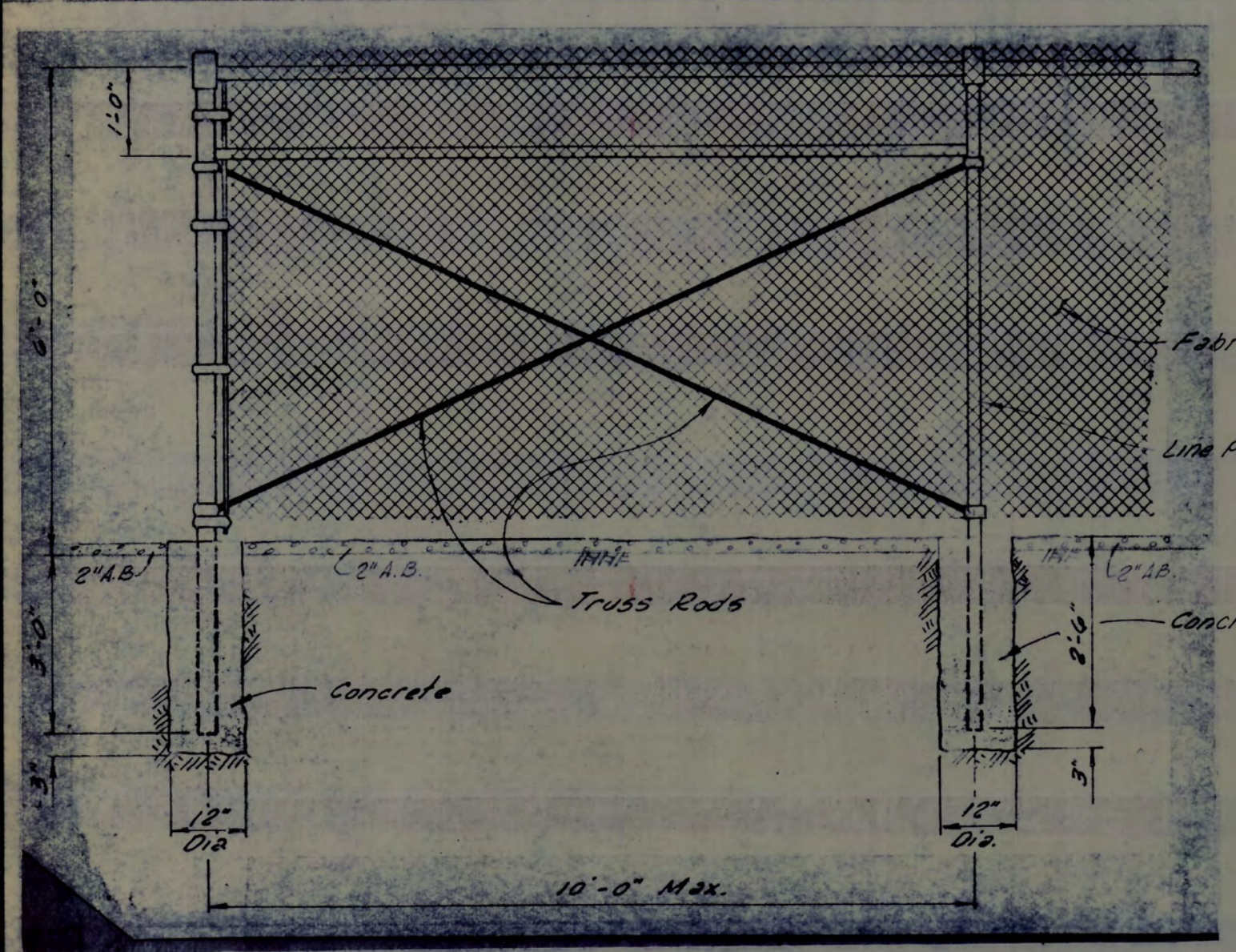
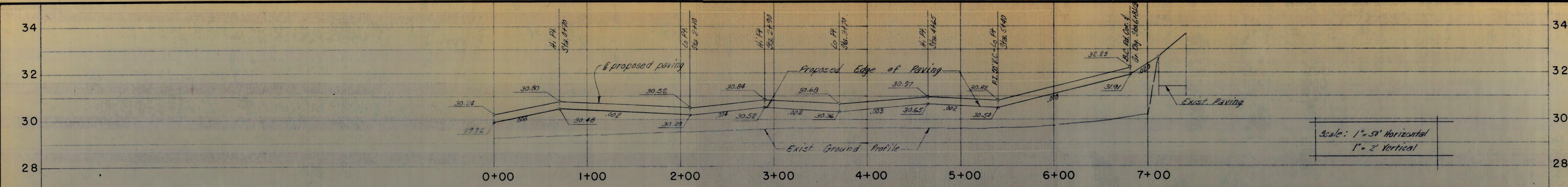
REVISIONS			
NO.	DESCRIPTION	DATE	BY

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
Robert B. Selam
R.C.E. No. 17351

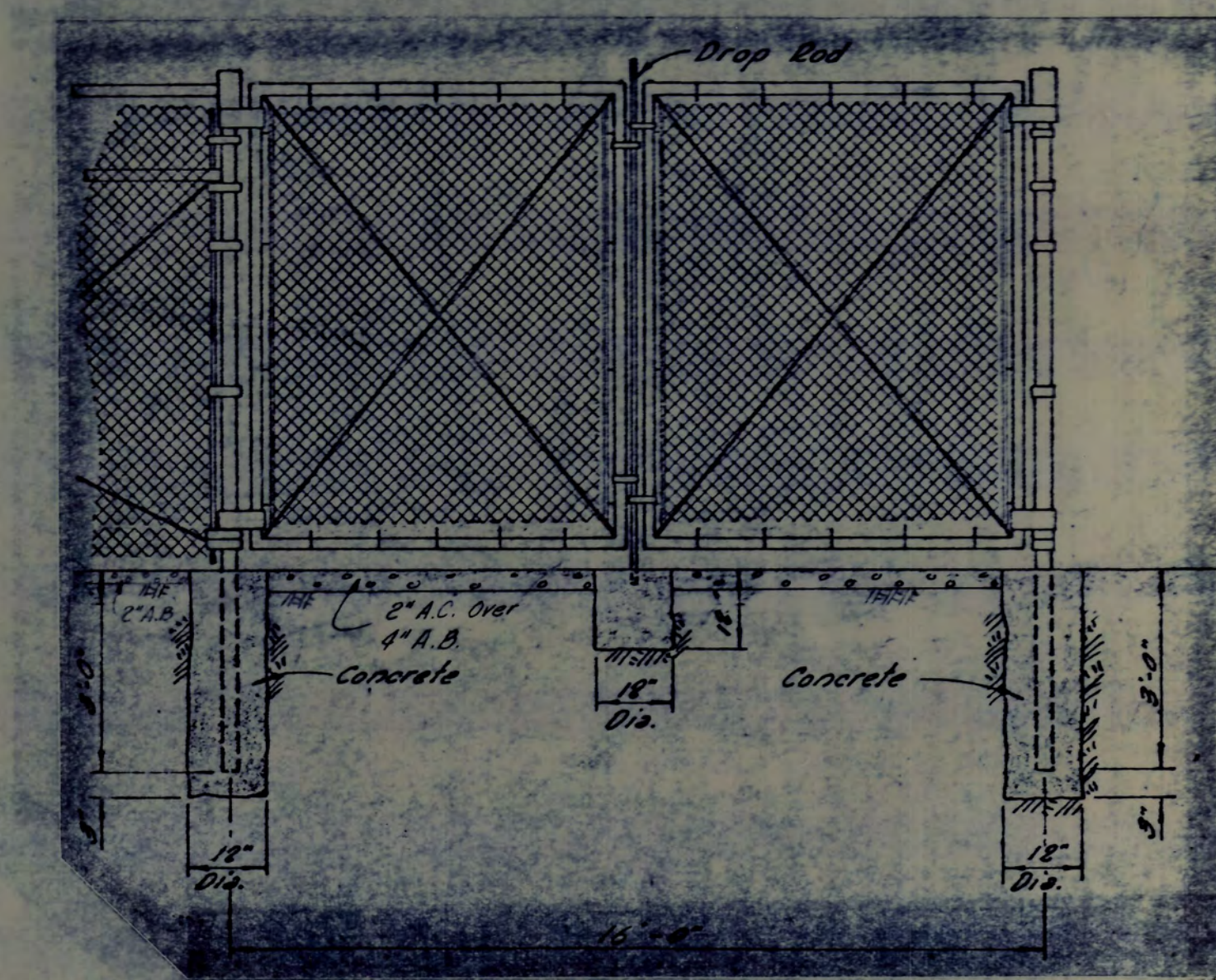
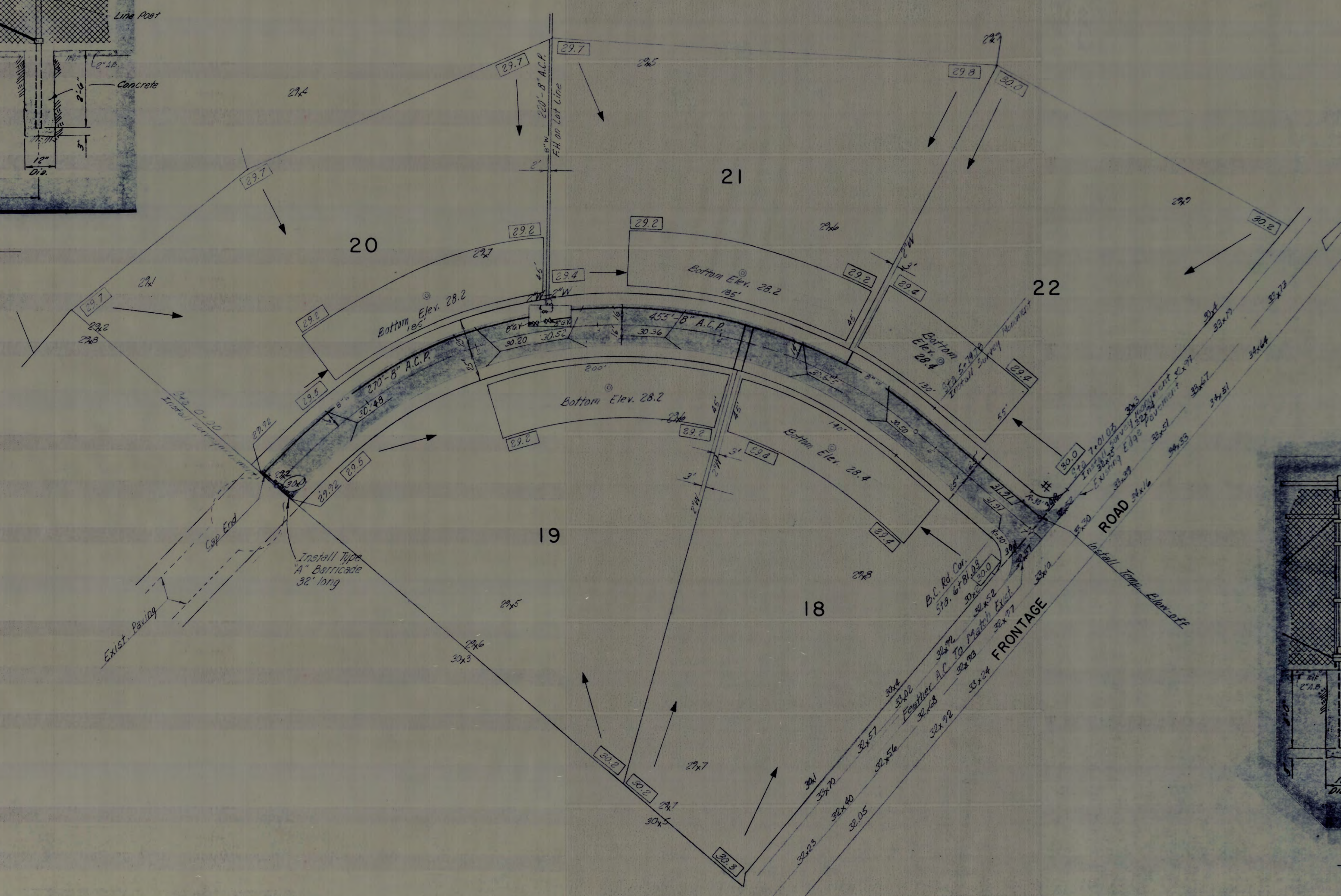
JOB NO. 3514
DATE Sept. 1978
F.B. NO. 441
DRAWN R.A.S. D.E.K.
DESIGN R.G.C.
CHECKED R.G.C.

TRACT NO. 1027 MORADA WEST, UNIT NO. 1		SHEET 7 OF 9 FILE NO. G-2035
SUSSEX COURT STA 0+00 TO STA 2+50(N)	SUSSEX COURT STA 3+92.57(W) TO STA 2+93.98(E)	

501232



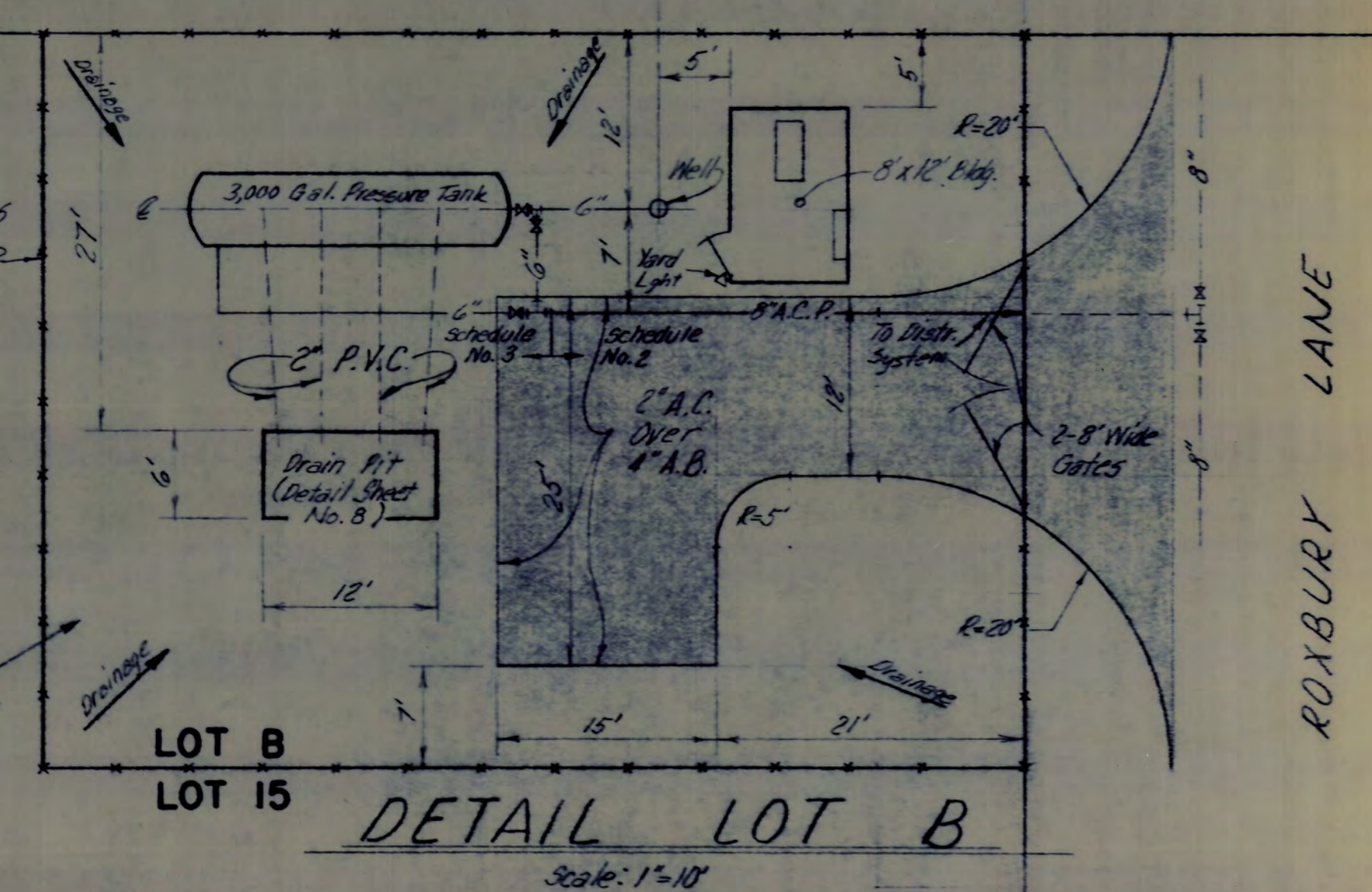
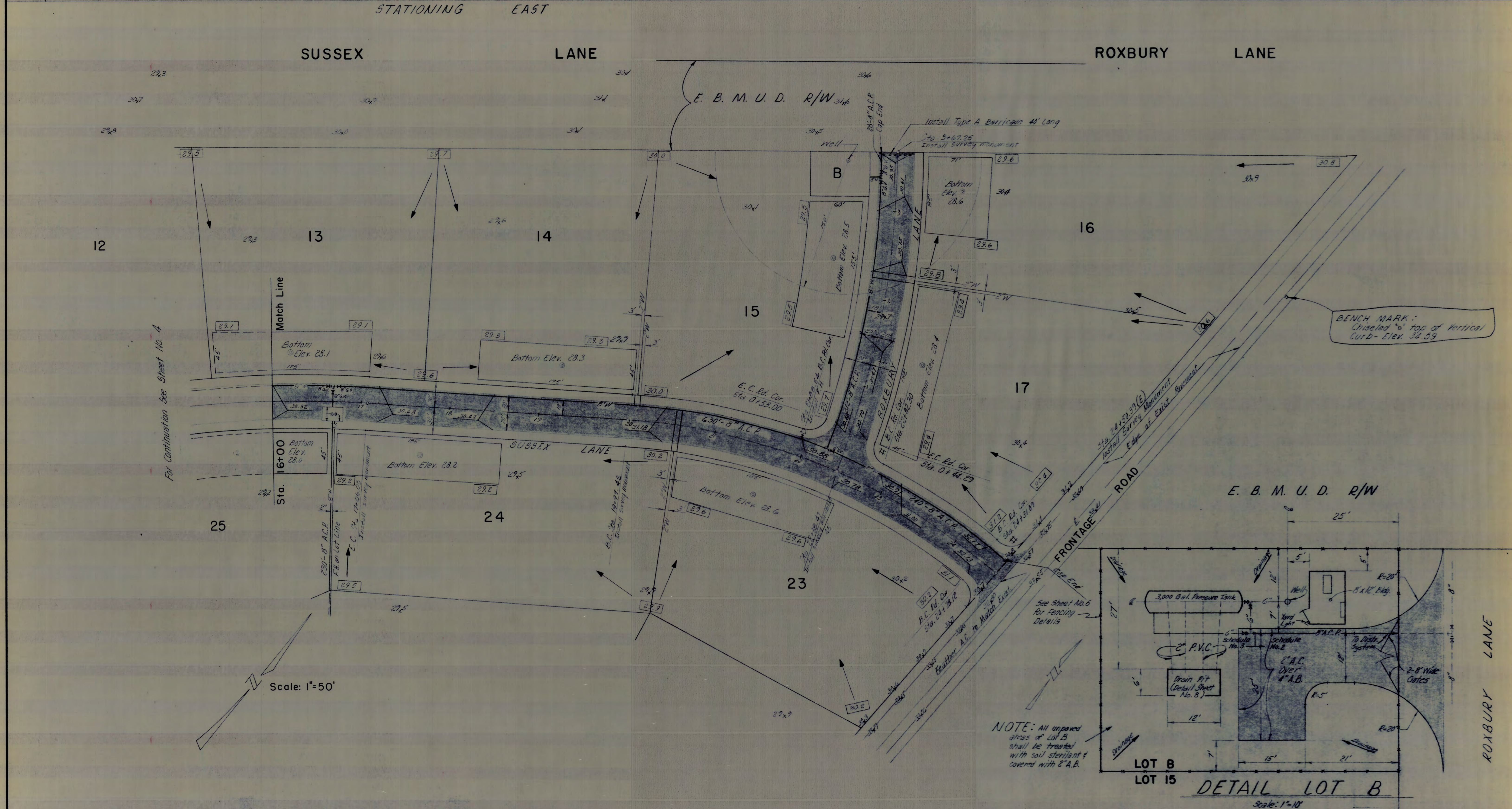
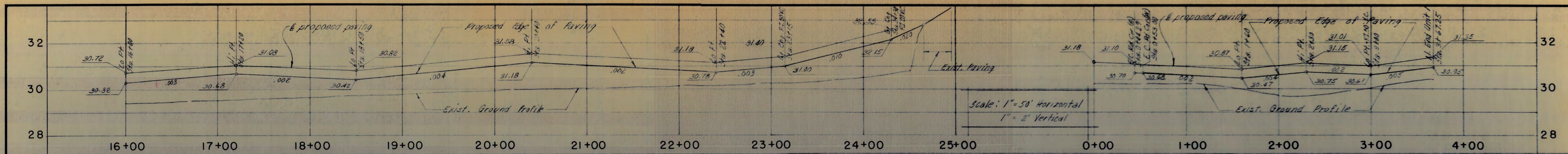
FENCING DETAIL
(See further Detail lower right corner this sheet.)



FENCING DETAIL
(See further Detail upper left corner this sheet.)

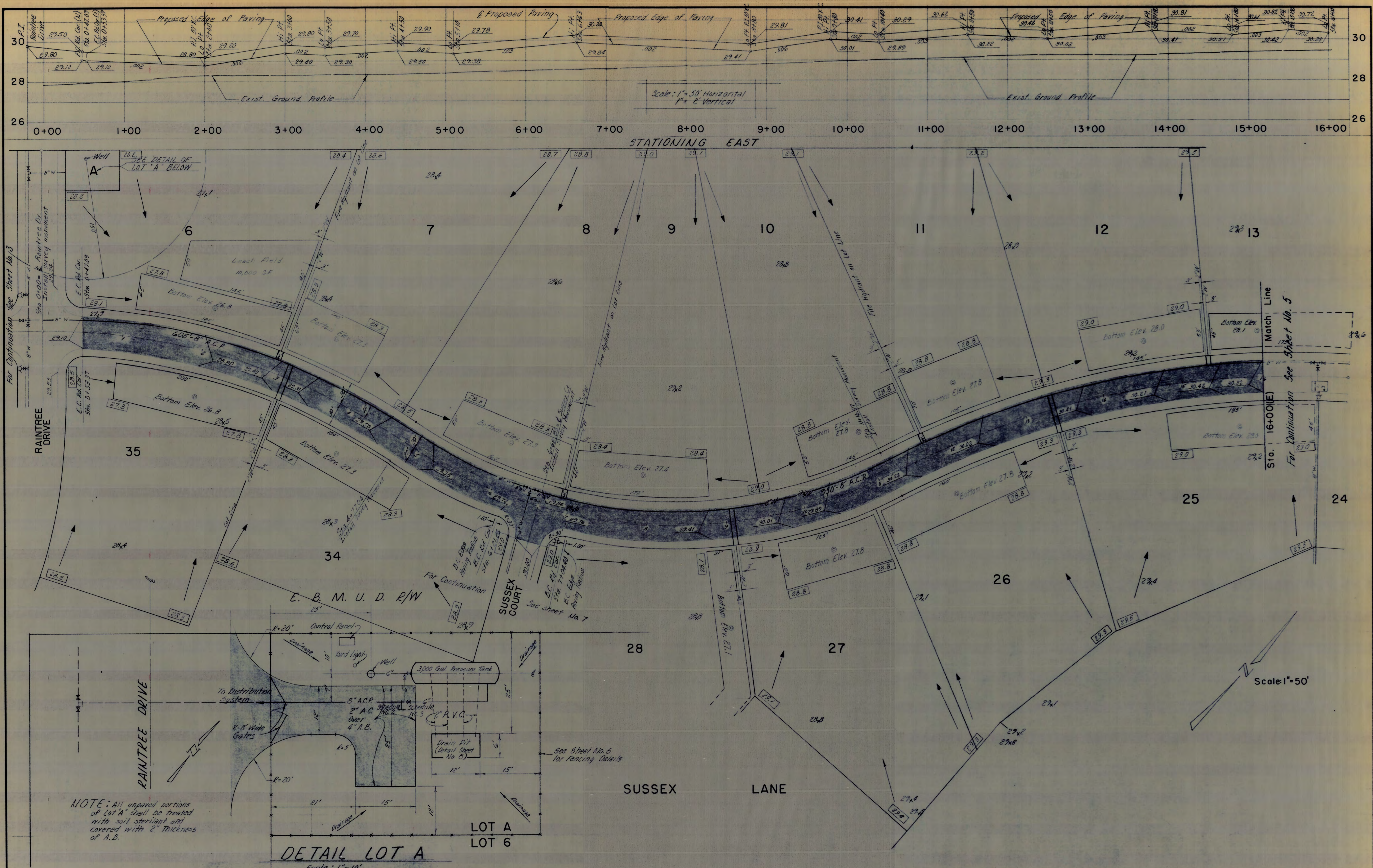
COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS APPROVED: <i>[Signature]</i> DATE: 5-14-77 DIRECTOR OF PUBLIC WORKS APPROVED REVISION: _____ DATE: _____		REVISIONS <table border="1"> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		NO.	DESCRIPTION	DATE	BY					R. W. SIEGFRIED & ASSOCIATES CONSULTING CIVIL ENGINEERS 4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204 <i>Robert D. Glavin</i> R.C.E. No. 17351		JOB NO. 3514 DATE: Sept. 1978 F.B. NO. 441 DRAWN: R.A.S. D.E.K. DESIGN: R.G.C. CHECKED: R.G.C.		TRACT NO. 1027 MORADA WEST, UNIT NO. 1 MORELAND STREET STA 0+00 TO STA 7+01.03		SHEET 6 OF 9 FILE NO. G-2035
NO.	DESCRIPTION	DATE	BY															

501233



COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS APPROVED: <i>[Signature]</i> DATE: 5-11-77 DIRECTOR OF PUBLIC WORKS APPROVED REVISION: _____ DATE: _____		REVISIONS NO. DESCRIPTION DATE BY _____ _____ _____		R. W. SIEGFRIED & ASSOCIATES CONSULTING CIVIL ENGINEERS 4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204 Robert B. Glum R.C.E. No. 17351		JOB NO. 3514 DATE: Sept. 1978 F.B. NO. 441 DRAWN: R.A.S. D.E.M. DESIGN: R.G.C. CHECKED: R.G.C.		TRACT NO. 1027 MORADA WEST, UNIT NO. 1 SUSSEX LANE ROXBURY LANE STA 16+00 (E) TO STA. 24+50.31(E) STA 0+00 TO STA 3+67.25		SHEET 5 OF 9 FILE NO. G-2035
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501234



NOTE: All unpaved portions of Lot A shall be treated with soil sterilant and covered with 2" thickness of A.B.

DETAIL LOT A
Scale: 1" = 10'

COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
APPROVED <i>[Signature]</i> DIRECTOR OF PUBLIC WORKS	DATE 5-18-79 R.C.E. NO. 9535
APPROVED REVISION	DATE

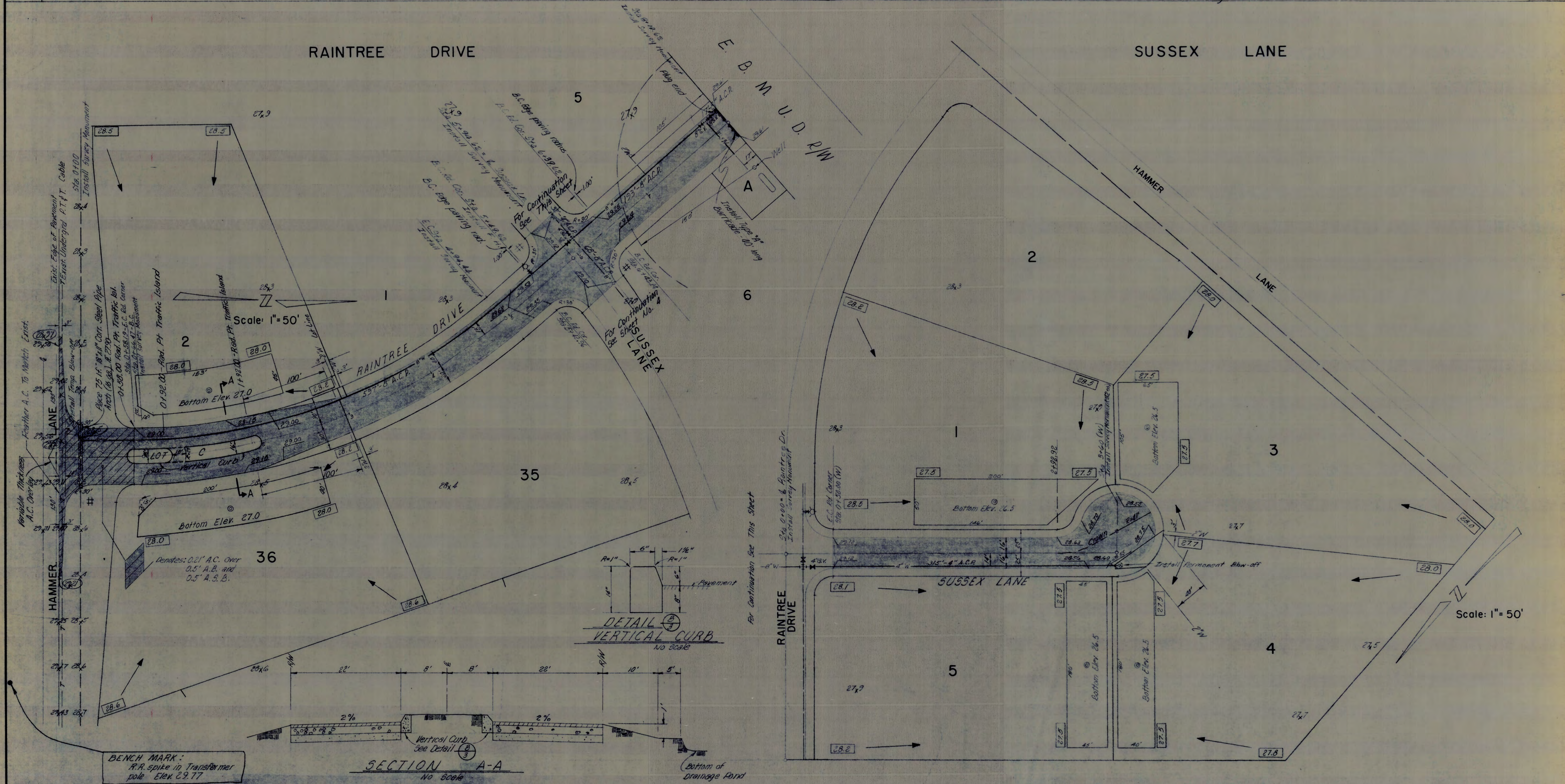
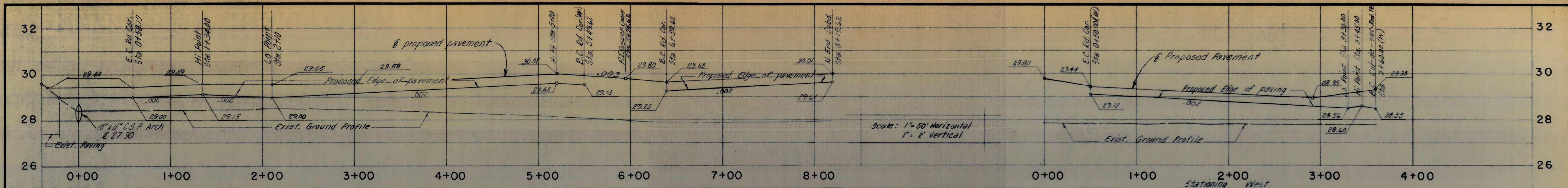
REVISIONS			
NO.	DESCRIPTION	DATE	BY

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
[Signature] R.C.E. No. 17351

JOB NO. 3514
DATE Sept. 1978
F.B. NO. 441
DRAWN R.A.S. D.E.K.
DESIGN R.G.C.
CHECKED R.G.C.

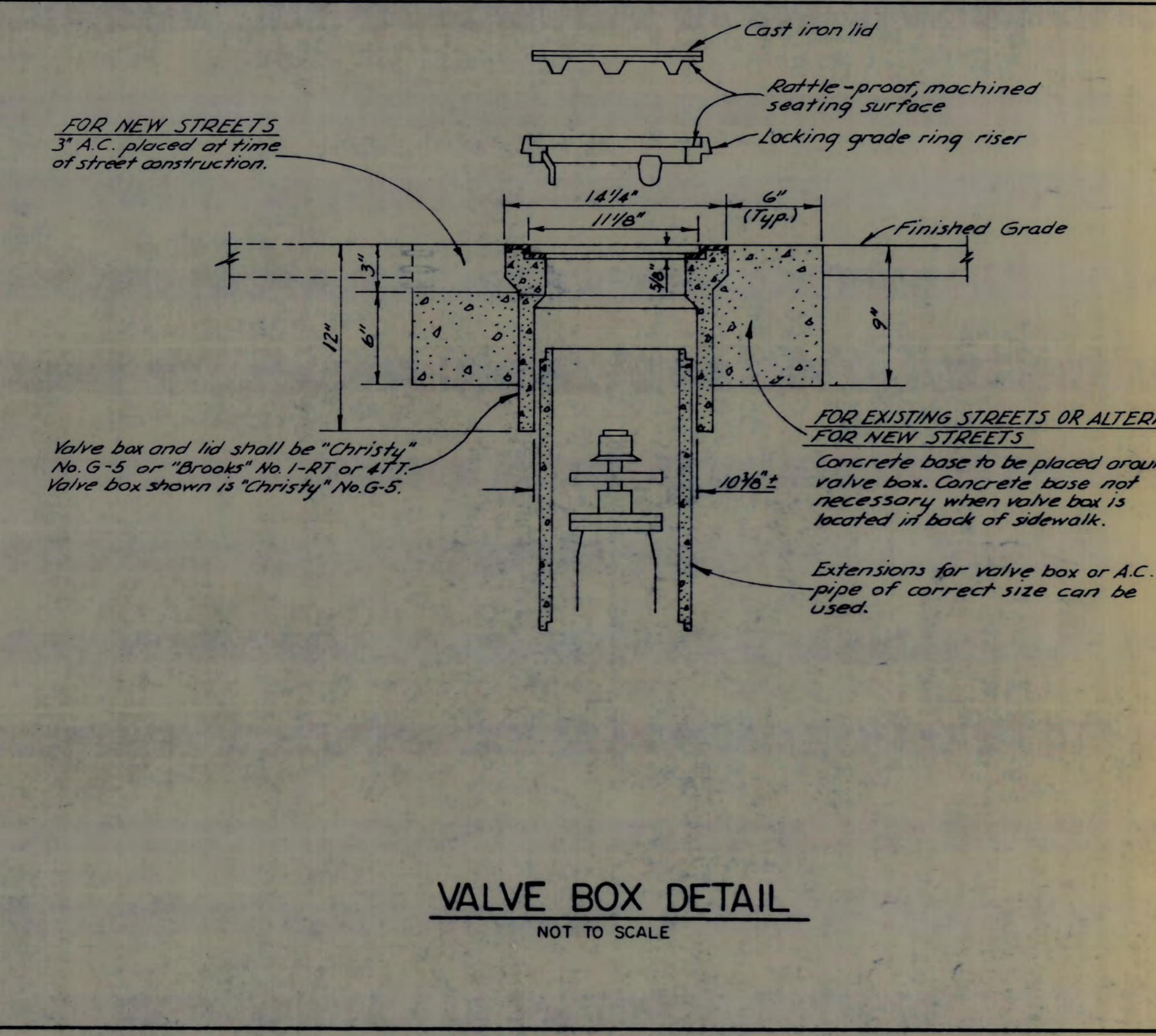
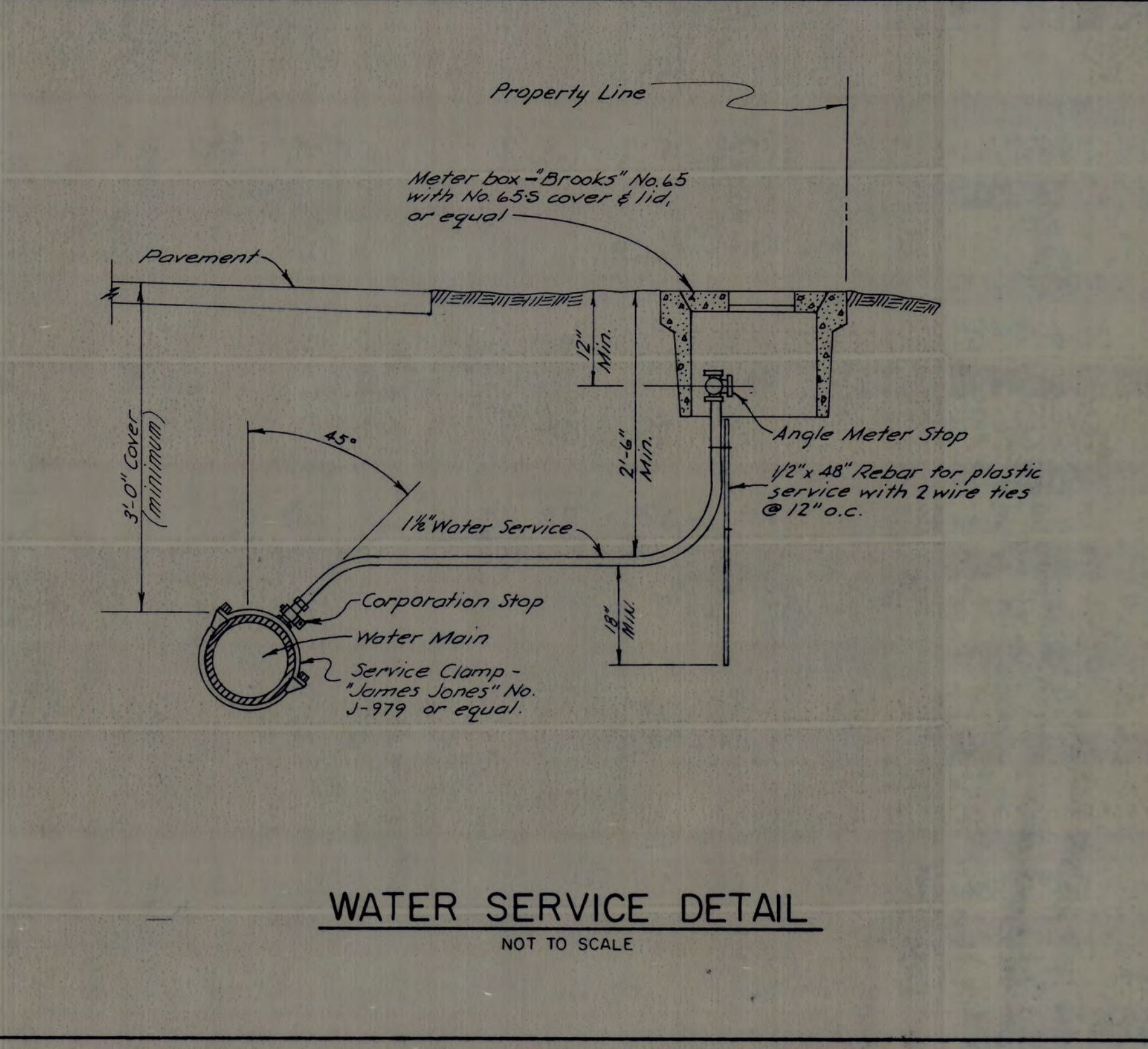
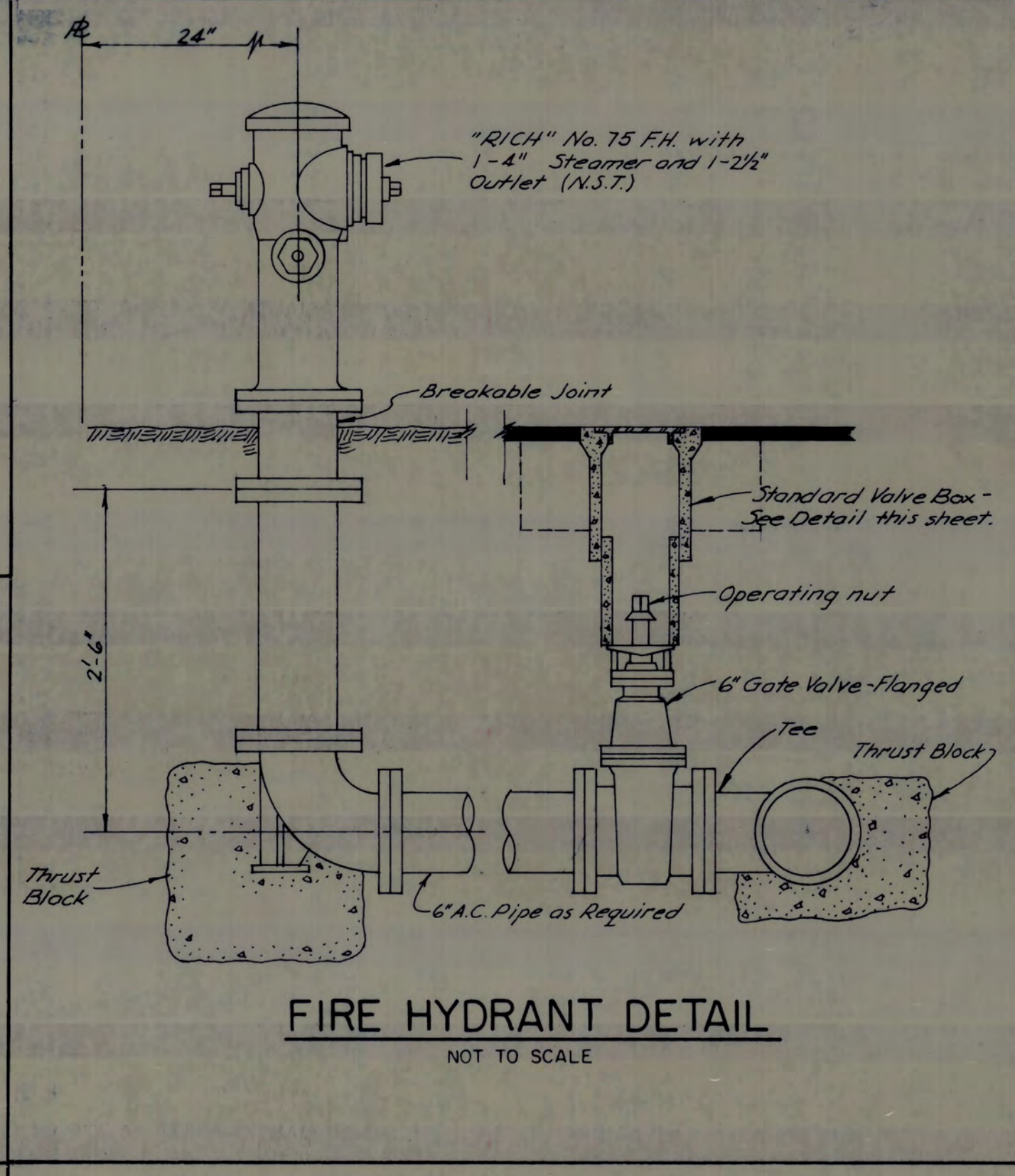
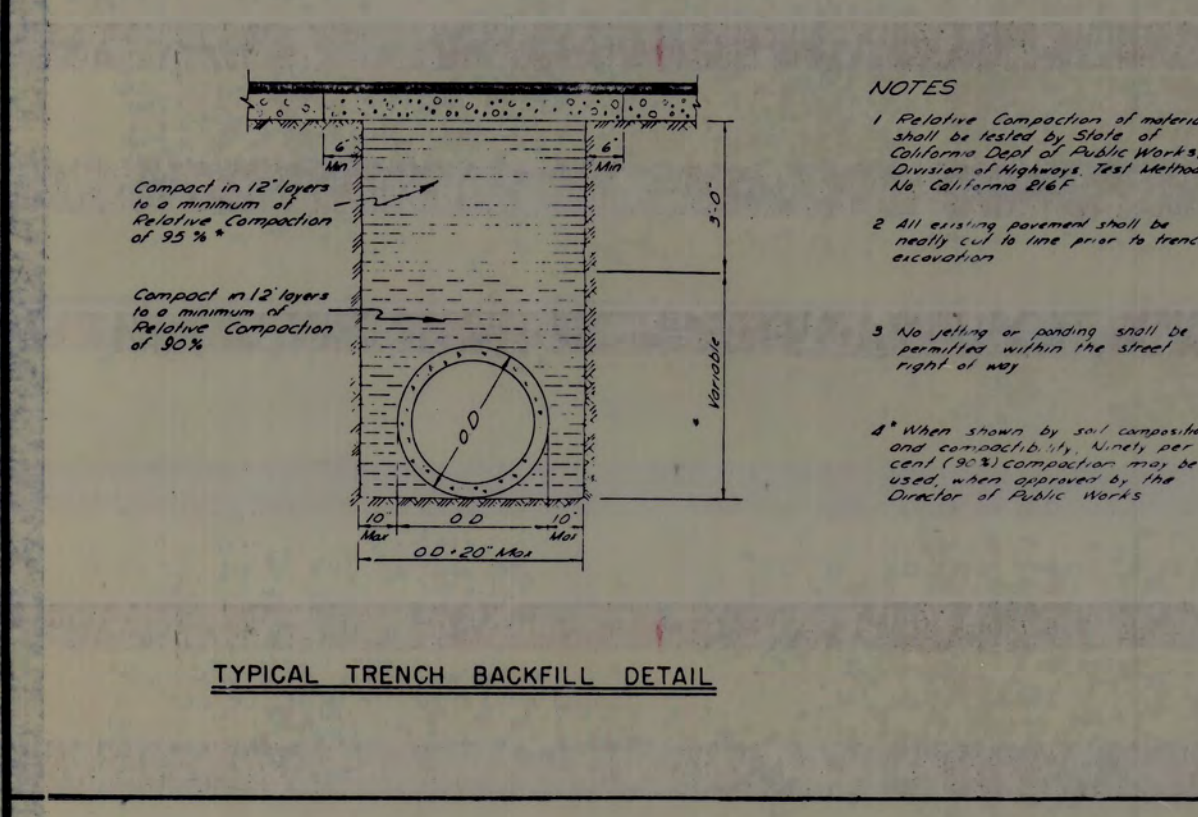
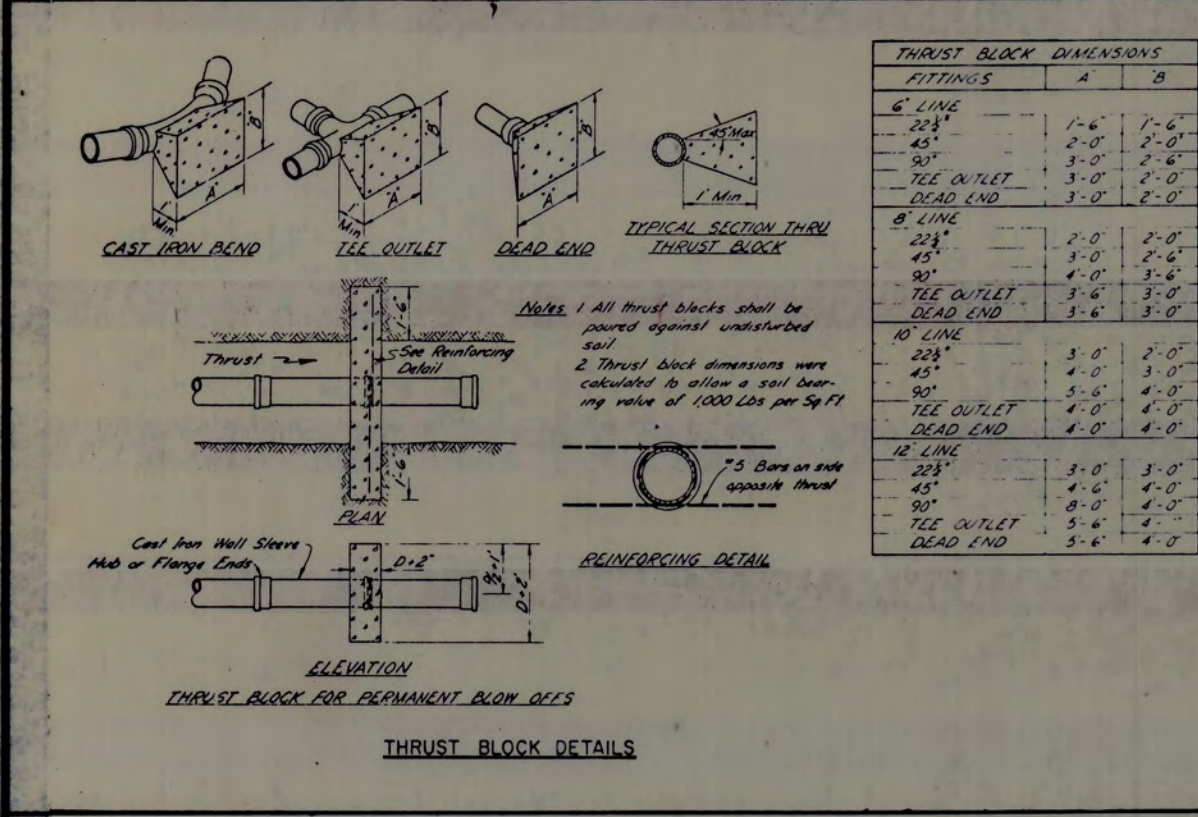
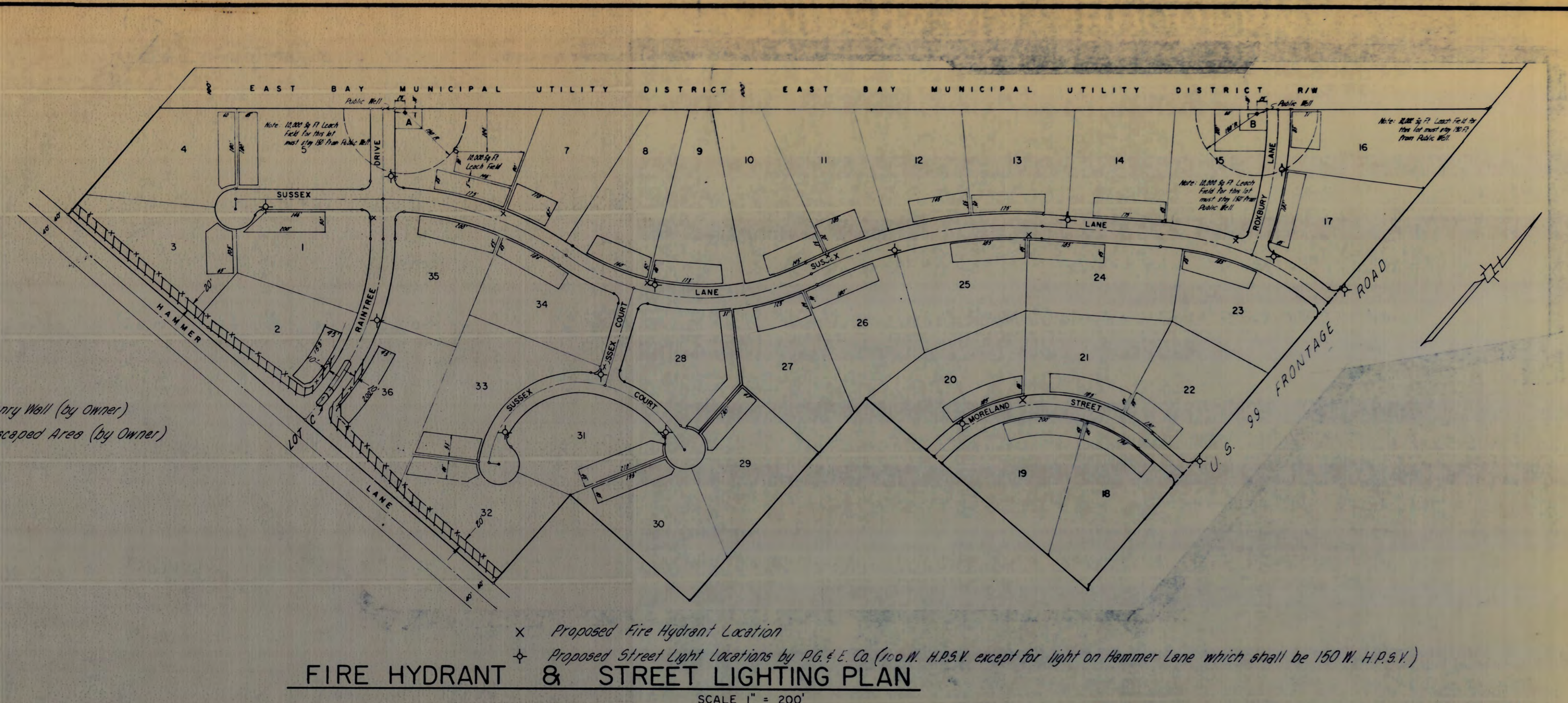
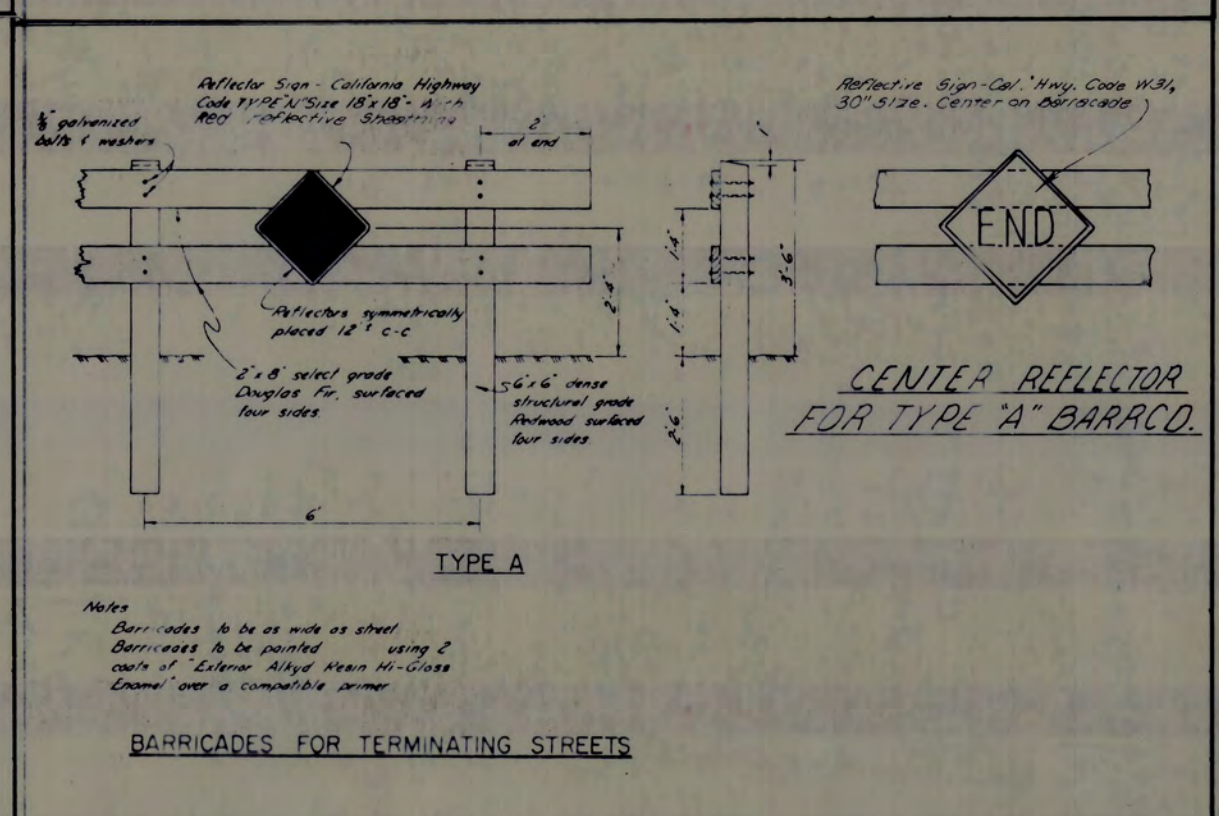
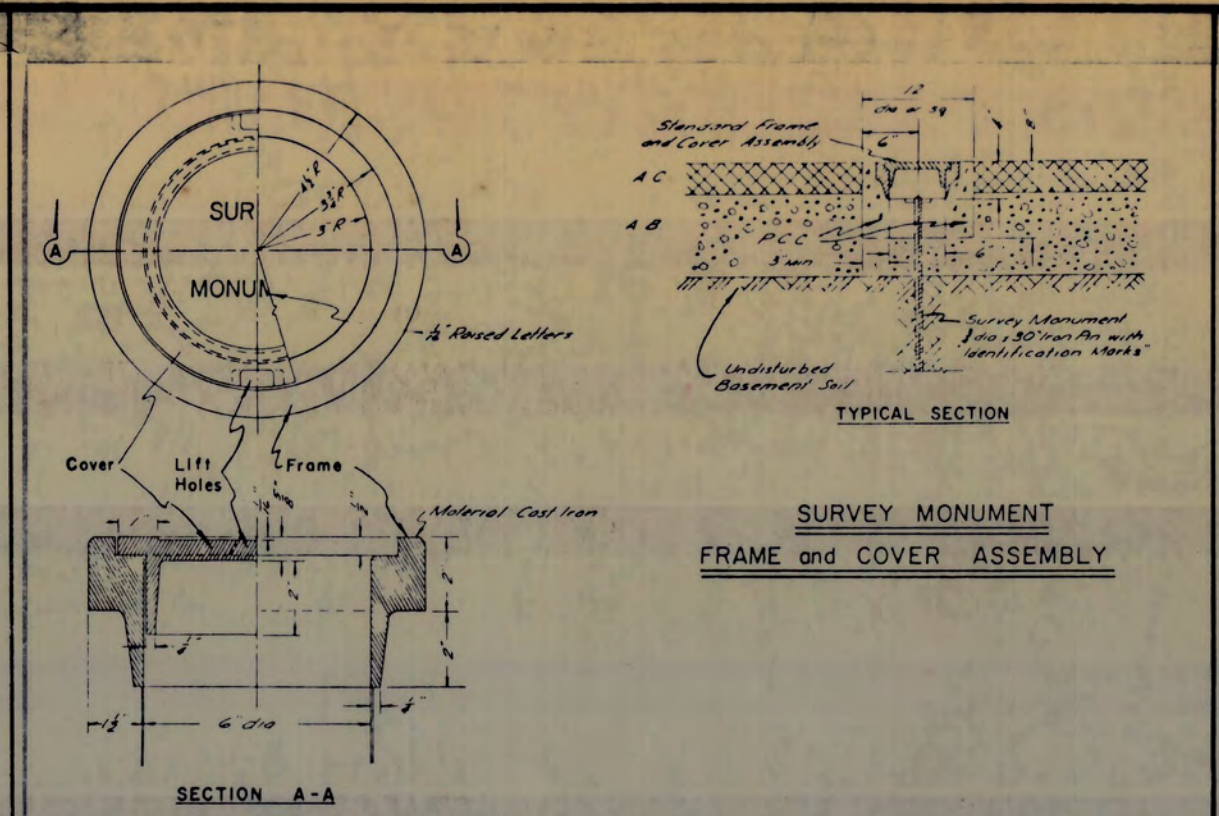
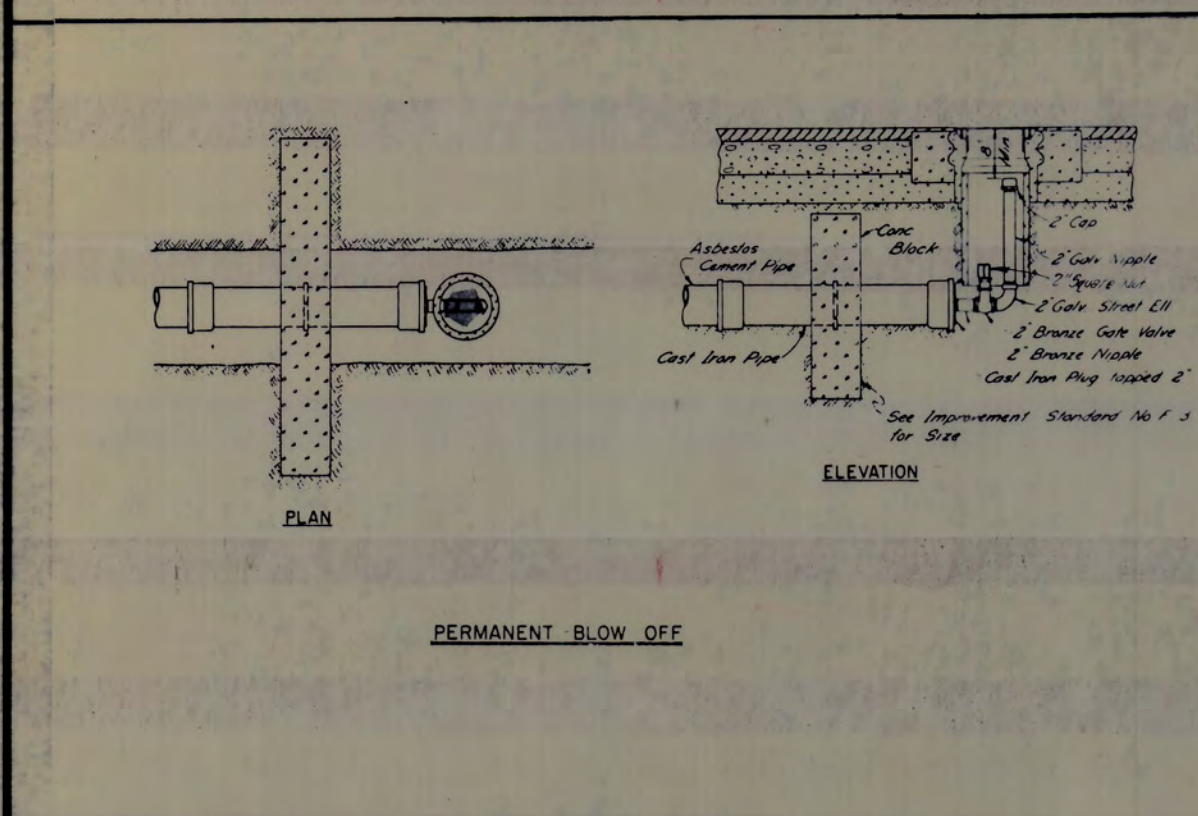
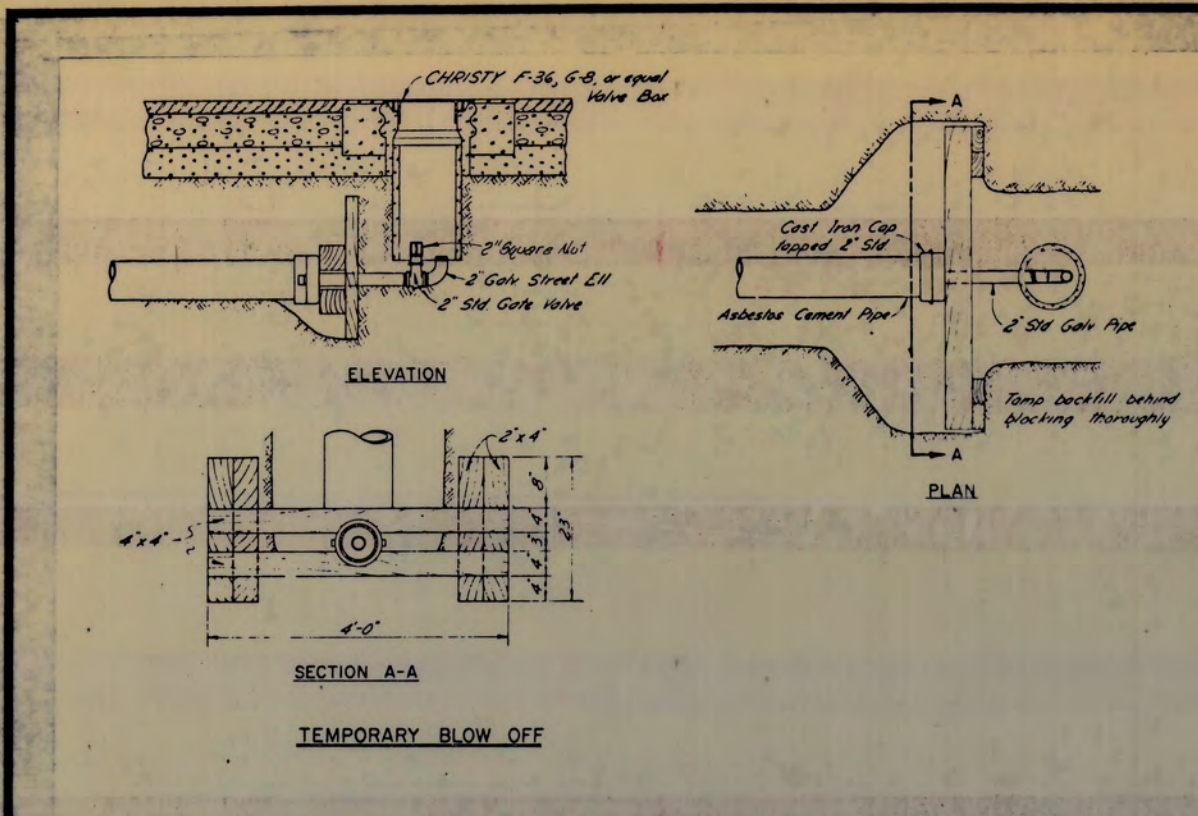
TRACT NO. 1027 MORADA WEST, UNIT NO. 1 SUSSEX LANE STA 0+00 TO STA 16+00 (E)	SHEET 4 OF 9 FILE NO. G-2035
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501235



COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS APPROVED: <i>[Signature]</i> DATE: 5-10-79 DIRECTOR OF PUBLIC WORKS R.C.E. No. 17351		REVISIONS NO. DESCRIPTION DATE BY		R. W. SIEGFRIED & ASSOCIATES CONSULTING CIVIL ENGINEERS 4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204 R.C.E. No. 17351		JOB NO. 3514 DATE Sept. 1978 F.B. NO. 441 DRAWN R.A.S. D.E.K. DESIGN R.G.C. CHECKED R.G.C.		TRACT NO. 1027 MORADA WEST, UNIT NO. 1 RAIN TREE DRIVE STA 0+00 TO STA 8+19.62 SUSSEX LANE STA 0+00 TO STA 0+60(W)		SHEET 3 OF 9 FILE NO. G-2035
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501236



5-7-79 Jon Bender W.M.F.D.
5-7-79 Steve Thienas Fire Warden

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS
APPROVED: [Signature]
DATE: 5-18-79
R.C.E. No. 733P
DIRECTOR OF PUBLIC WORKS
APPROVED REVISION: [Signature]
DATE: [Blank]

REVISIONS			
NO.	DESCRIPTION	DATE	BY

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
Robert A. Siegfried
R.C.E. No. 17351

JOB NO. 3514
DATE Sept. 1978
F.B. NO. 441
DRAWN L.G.
DESIGN R.G.C.
CHECKED R.G.C.

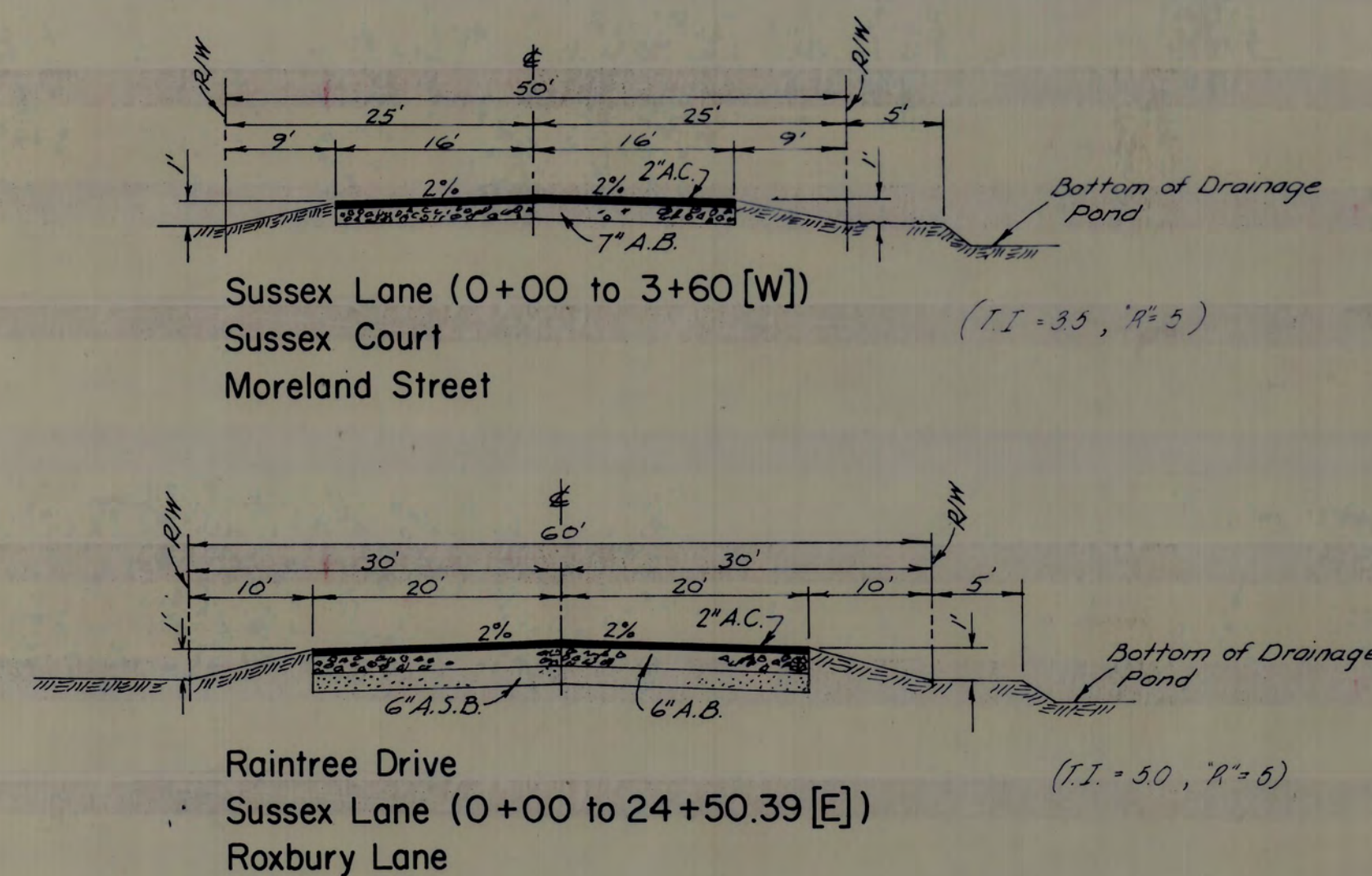
TRACT NO. 1027
MORADA WEST, UNIT NO. 1
DETAIL SHEET & STREET LIGHTING PLAN
SHEET 2
OF 9
FILE NO. G-2035

MORADA WEST, UNIT NO. 1

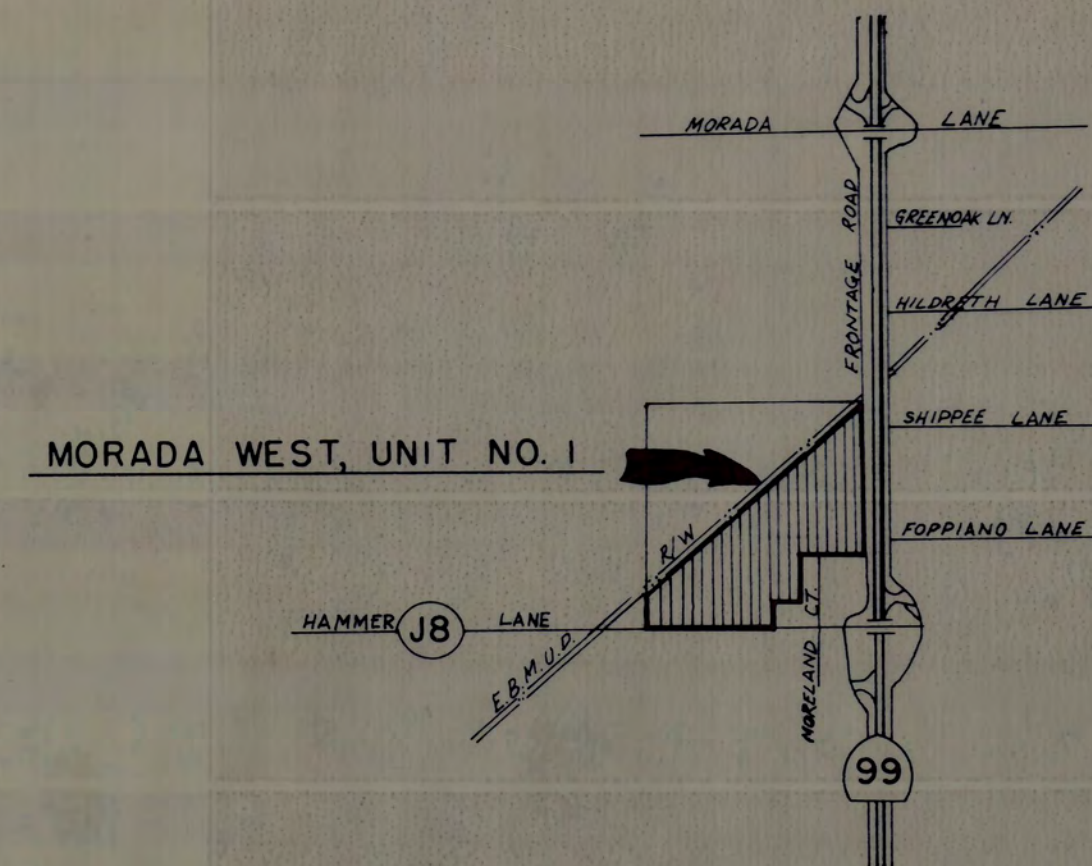
BEING A PORTION OF LOTS 39, 40, 41, 42, 43, & 44 OF
SHIPPEE HOME RANCH IN SECTION 13 T. 2 N., R. 6 E., M. D. B. & M.
SAN JOAQUIN COUNTY, CALIFORNIA

R.W. SIEGFRIED & ASSOCIATES
STOCKTON, CALIFORNIA

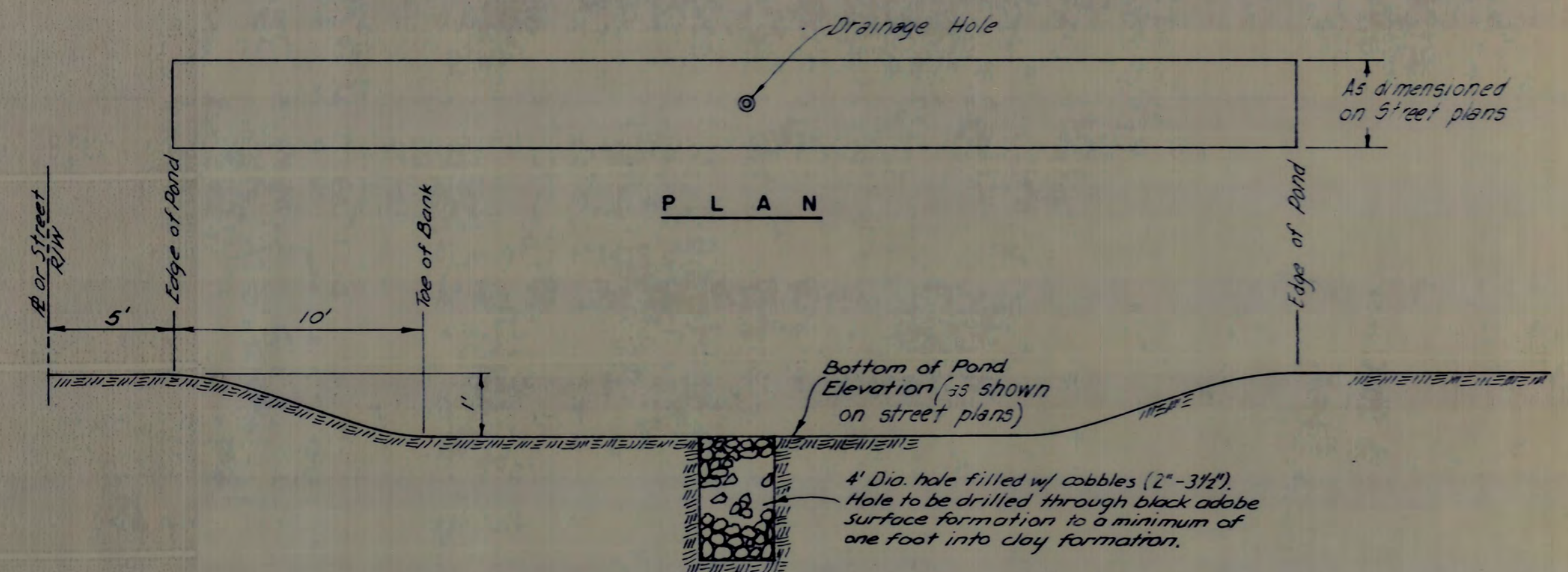
CIVIL ENGINEERS
SEPTEMBER 1978
MAY 1979



TYPICAL STREET CROSS-SECTIONS



VICINITY MAP
NO SCALE



TYPICAL DRAINAGE POND SECTION
NO SCALE

Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this Project, including safety of all persons and property, that this requirement shall apply continuously and not be limited to normal working hours, and that the Contractor shall defend, indemnify and hold the Owner and the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this Project, excepting for liability arising from the sole negligence of the Owner or the Engineer.

- NOTES:
1. Exist. trees within street R/W shall be removed by Owner-Developer.
 2. Drainage from each lot and adjacent road R/W shall be retained on each individual lot.
 3. Elevations are referred to U.S.G.S. Datum.

LEGEND

6" W	Water Main Location With Size
Proposed Pavement	
Fire Hydrant	
Gate Valve	
2" W	2" Water Service
28+9	Existing Ground Elevation
Blow Off	
#	Street Sign
29.0	Finished Lot Pad Elevation
Drainage Directional Flow	

INDEX

Sheet No.	Description
1	Vicinity Map, Legend, Index, Abbreviations, Street & Drainage Pond Cross Sections.
2	Detail Sheet & Street Lighting Plan.
3	Raintree Drive & Sussex Lane.
4	Sussex Lane.
5	Sussex Lane & Roxbury Lane.
6	Moreland Street.
7	Sussex Court.
8	Pressure Tank Details.
9	Electrical Details

ABBREVIATIONS

C.L.	Center Line
E.C.	End Curve
B.C.	Begin Curve
F.H.	Fire Hydrant
P.L.	Property Line
F.L.	Flow Line
Hi. Pt.	High Point
Low Pt.	Low Point
A.C.	Asphalt Concrete
A.B.	Aggregate Base
A.S.B.	Aggregate Subbase

APPROVED

Approval of these plans is given on the condition that the contractor shall comply with all applicable laws, ordinances, and regulations, and that the contractor shall be responsible for obtaining all necessary permits and licenses from the appropriate authorities.

One set of plans shall be kept on the project site at all times.

DATE 5-4-79

5-7-79 Steve Thienes - Fire Warden
5-7-78 Tom Bender - W.H.F.D.

COUNTY OF SAN JOAQUIN	DEPARTMENT OF PUBLIC WORKS
APPROVED	DATE 5-4-79
DIRECTOR OF PUBLIC WORKS	R.C.E. NO. 933
APPROVED REVISION	DATE

NO.	DESCRIPTION	DATE	BY

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
R.C.E. No. 17351

JOB NO. 3514
DATE Sept. 1978
F.B. NO. 441
DRAWN L.G.
DESIGN R.G.C.
CHECKED R.G.C.

TRACT NO. 1027
MORADA WEST, UNIT NO. 1
VICINITY MAP, LEGEND, INDEX, ABBREVIATIONS,
STREET & DRAINAGE POND CROSS SECTIONS

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