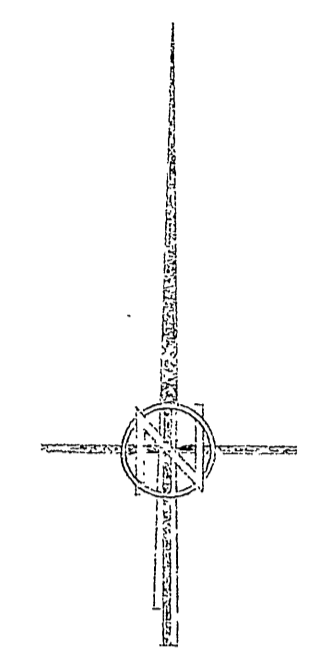


- LEGEND**
- WASTEWATER COLLECTION LINE NOTING DIRECTION OF FLOW
  - MANHOLE
  - CLEANOUT
  - E.C.S.D. SEWER
  - CITY OF RIVERSIDE SEWER

RECEIVED  
 SEP 24 1999  
 DEPT. OF PUBLIC WORKS

REVISIONS		DATE	BY
<b>EDGEMONT COMMUNITY SERVICES DISTRICT</b>			
<b>WASTEWATER COLLECTION SYSTEM</b>			
SCALE 1" = 500'			S-1724
DATE 11-95	ALBERT A. WEBB ASSOCIATES		W.O. SHEET
DRAWN J.M.B.	RIVERSIDE CIVIL ENGINEERS CALIFORNIA		18
TRACED	APPROVED BY		DWG. NO.
CHECKED			
F.B.			



Scale 1"=300'

- LEGEND**
- Standard Manhole
  - Drop Manhole
  - Cleanout
  - - - - - 8" Sewer line

RECEIVED  
SEP 24 1999  
DEPT. OF PUBLIC WORKS

REVISIONS	DATE	BY

EDGEMONT COMMUNITY SERVICES DISTRICT

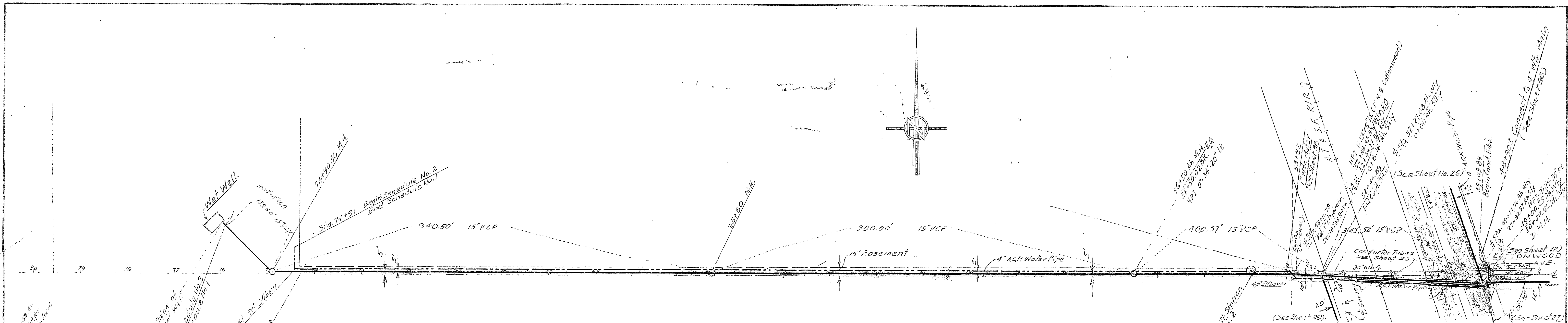
INDEX MAP **S-1724**  
2 of 18

SANITARY SEWER SYSTEM

SCALE 1"=300'	DATE 8-28-88	DRAWN J.W.	TRACED J.W.	CHECKED J.W.	ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS RIVERSIDE CALIFORNIA	W.O. 59-102 SHEET 1 OF 22 SHEETS DWG. NO. 58-102
---------------	--------------	------------	-------------	--------------	--	---

PLAN  
 SURVEYED BY: [Signature]  
 DATE: 6-8-58  
 PLOTTED BY: [Signature]  
 NO. 468

PROFILE  
 SURVEYED BY: [Signature]  
 DATE: 6-25-58  
 GRADES CHECKED BY: [Signature]  
 NO. 702



SCHEDULE No. 1:  
 Station 54+00 to 76+30 Alternate "A" 2230 Lin. Ft. 15" V.C.P. (Gravity Main)  
 Station 54+00 to 76+30 Alternate "B" 2230 Lin. Ft. 8" Class 100 A.C.P. (Force Main) installed with 36" cover on top of pipe.

TBM set RR spike in PP# 74306, 26' S. of Sta. 47+61, Cottonwood Ave. Elev = 1522.44 RB 580/58  
 TBM Sta. 74+50.66, 14 3/4' from the W. 1/4 Cor. of sec. 10, EL = 1516.93 FB 405/55

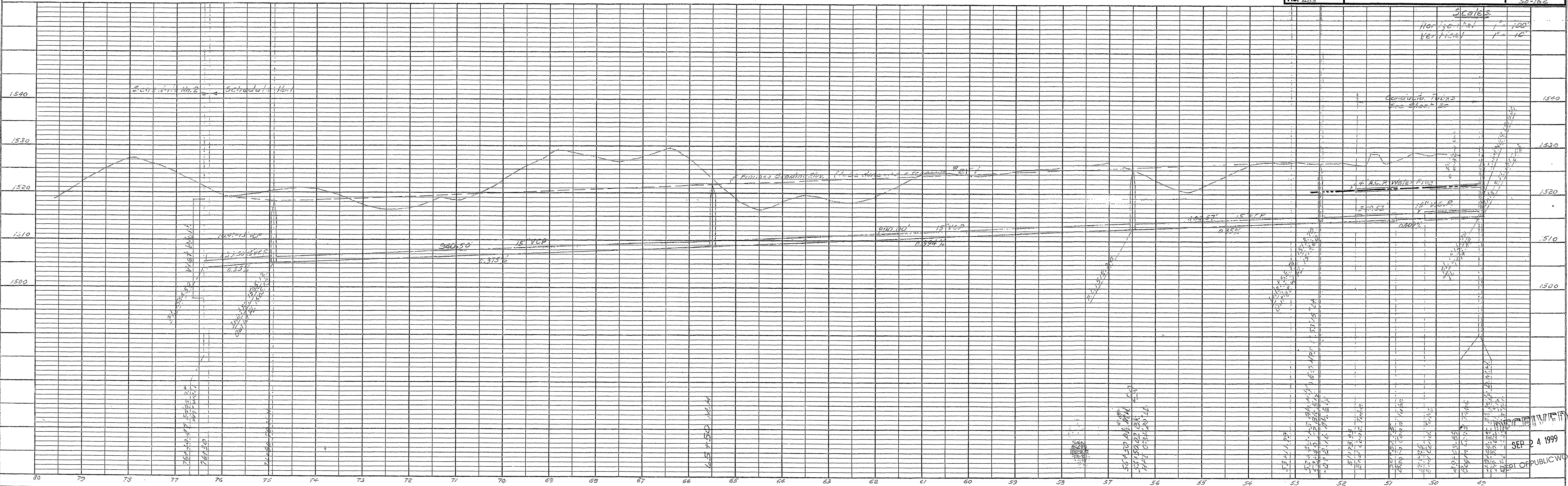
As Constructed	DATE	BY

EDGEMONT COMMUNITY SERVICES DISTRICT  
 SEWER MAIN  
 COTTONWOOD AVENUE  
 STA. 49+14.76 TO 74+31.22

SCALE: 1"=100'  
 DATE: 6-8-58  
 DRAWN: J.L.  
 TRACED: J.L.  
 CHECKED: F.B. 405

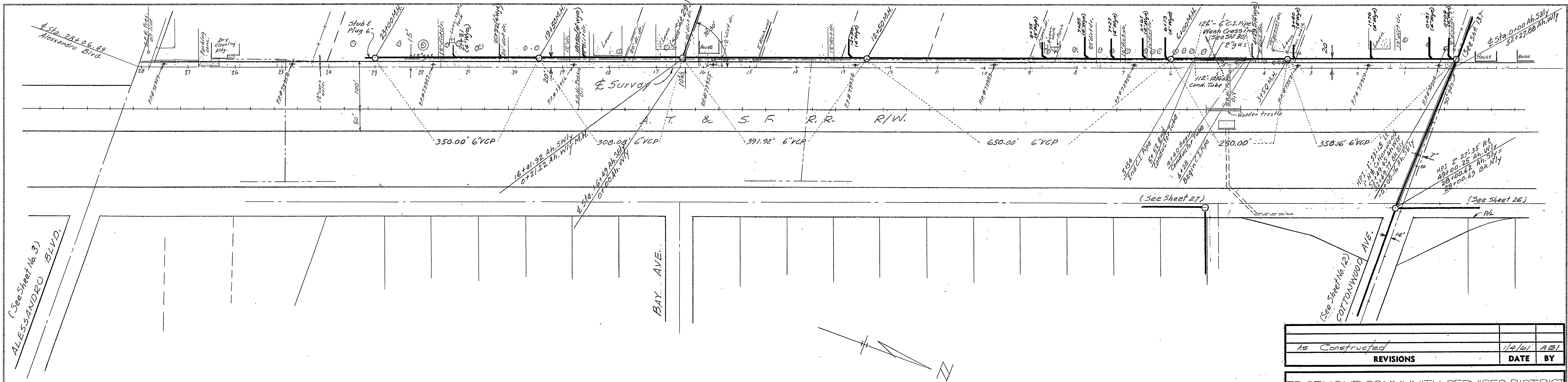
W.O. 58-162  
 SHEET 13  
 OF 31 SHEETS  
 DWG. NO. 58-162

ALBERT A. WEBB ASSOCIATES  
 CIVIL ENGINEERS  
 RIVERSIDE CALIFORNIA



SEP 24 1999  
 DEPT OF PUBLIC WORKS

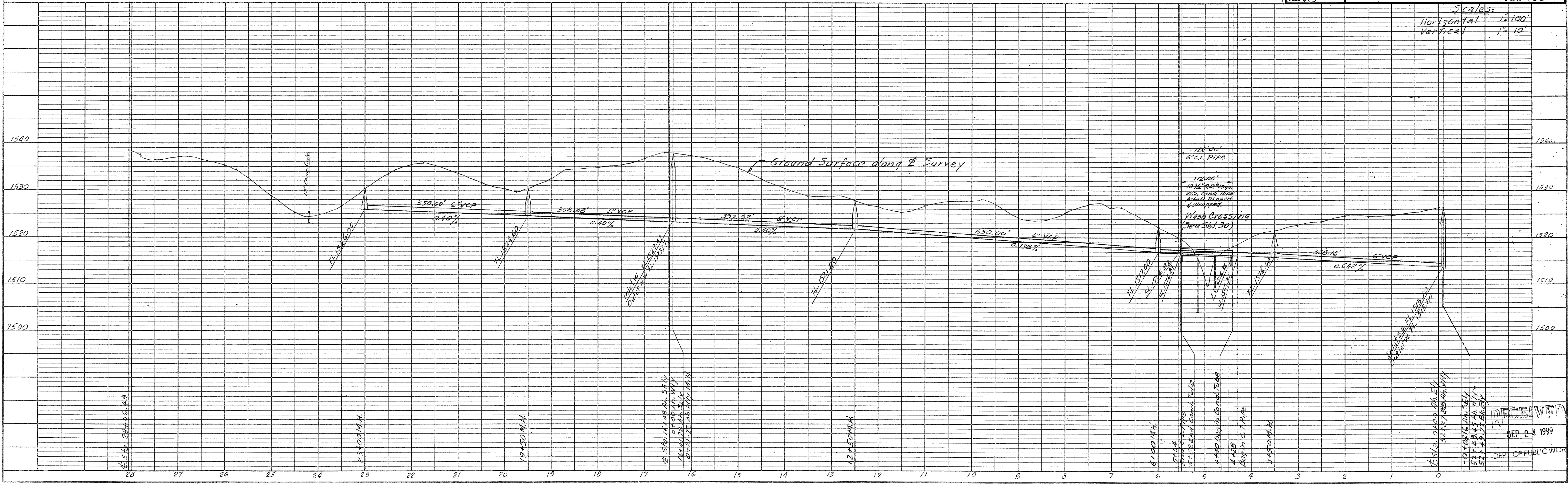
PLAN	DATE
SURVISED	BY
NOTED	DATE
NOTE BOOK	NO.
RT. OF WAY CHECKED	
No. 423	



15 Constructed	1/4/01	ABJ
REVISIONS	DATE	BY
EDGEMONT COMMUNITY SERVICES DISTRICT		
SEWER MAIN		
WEST OF A.T. & S.F. R.R.		
STA. 0+00 TO 28+06.49		
SCALE 1"=100'	W.O. 58-162	SHEET
DATE 7-30-59	ALBERT A. WEBB ASSOCIATES	28
DRAWN H.M.	CIVIL ENGINEERS	OF 31 SHEETS
TRACED H.M.	RIVERSIDE CALIFORNIA	DWG. NO.
CHECKED F.B. 423		58-162

TBM set spike in PP#74306, 26' S. of Cottonwood Sta. 47+67  
 EL=1522.44 FB380/5a  
 TBM "N", EL=1542.08, spike in N/S PP#3928, 3/4 Cor. Edgemont & Bay Sts. FB380/21  
 TBM "O", EL=1548.89, set spike SW/S PP#15760 N/E Corner Alessandro & Day Sts. FB380/25

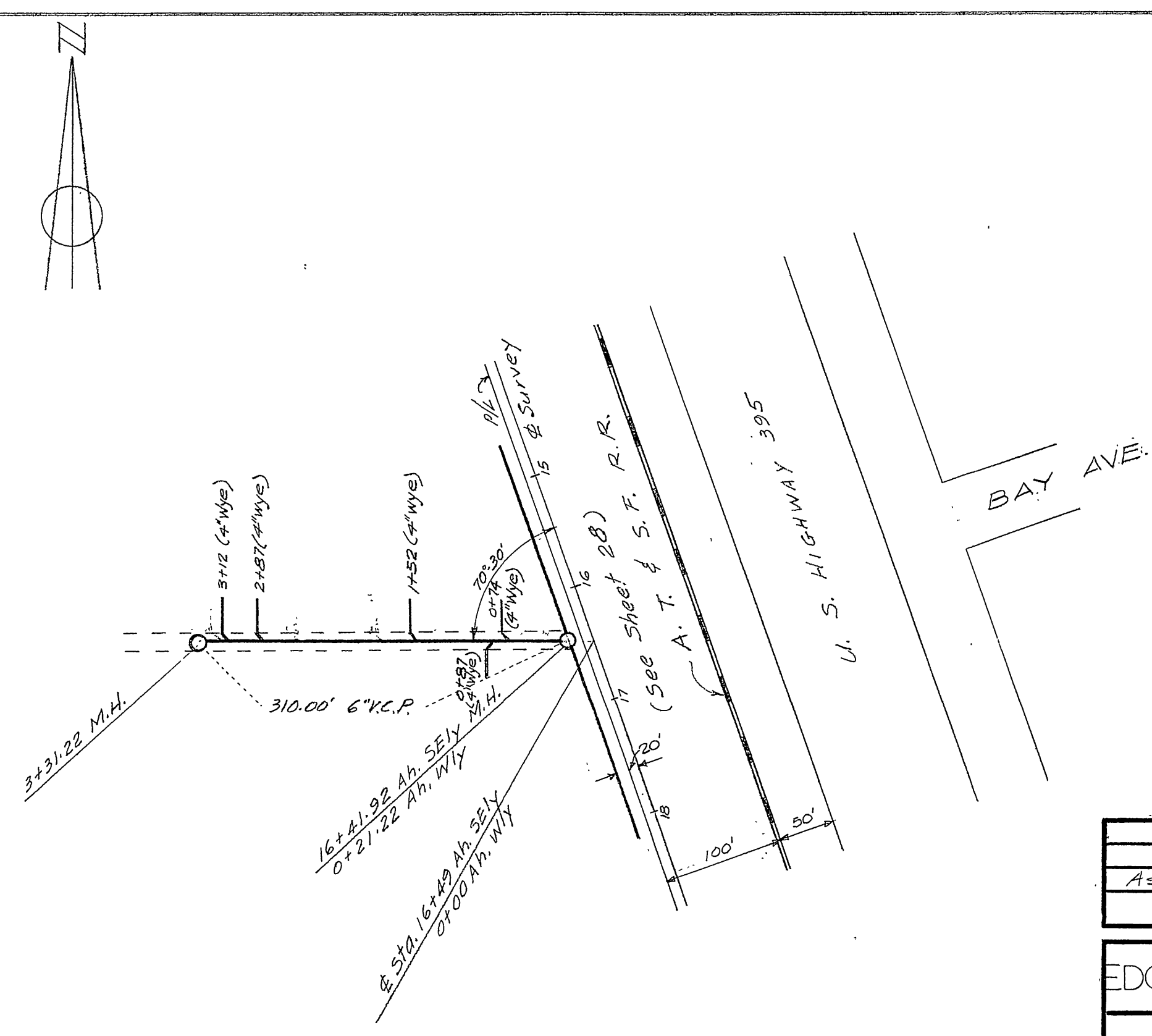
PROFILE	DATE
SURVISED	BY
NOTED	DATE
NOTE BOOK	NO.
GRADES CHECKED	
B. M.'S NOTED	
STRUCTURE NOTATIONS CHKD	
P. 7-10	



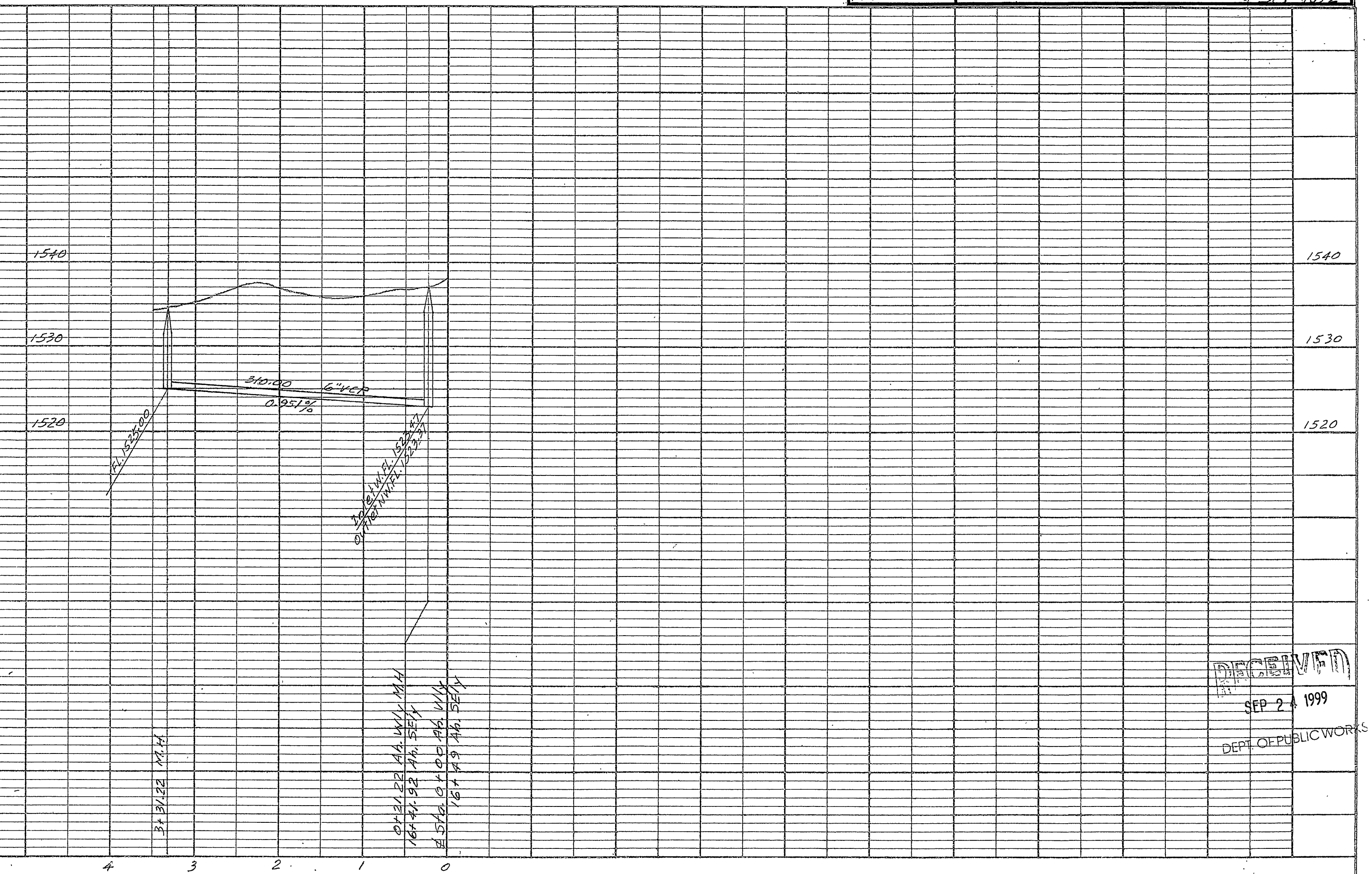
SEP 24 1999  
 DEPT. OF PUBLIC WORKS

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	RT. OF WAY CHECKED	
	NO.	

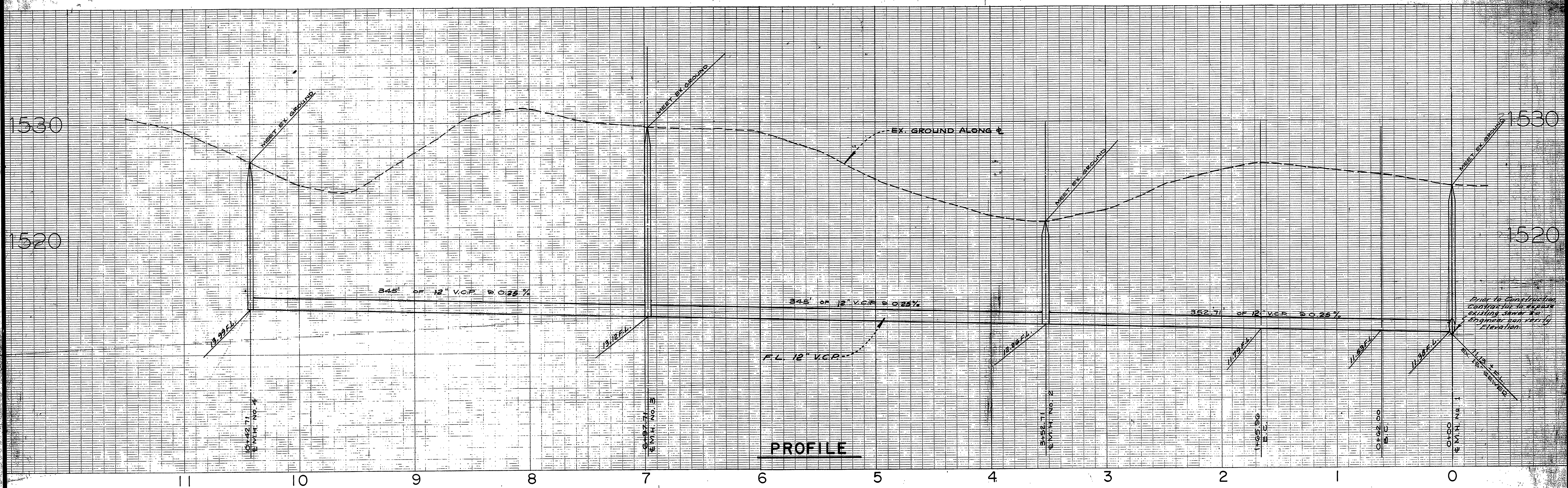
PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	B. M.S. NOTED	
	STRUCTURE NOTING CHK'D.	
	NO.	



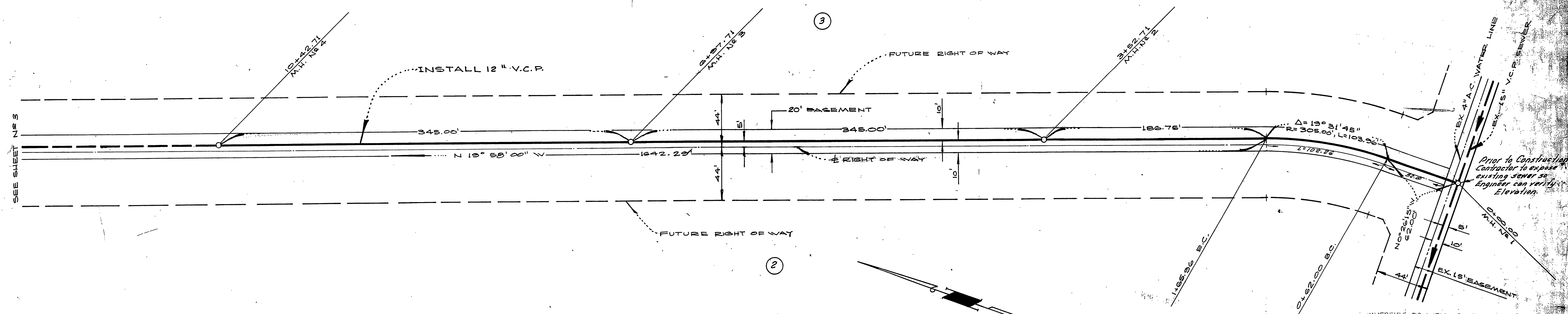
As Constructed		1/4/61	ABI
REVISIONS		DATE	BY
EDGEMONT COMMUNITY SERVICES DISTRICT			
SEWER MAIN			S-1724 5 of 18
SCALE 1"=100'	DATE FEB. 976	W.O. 58-162	SHEET
DRAWN ABI	TRACED	ALBERT A. WEBB ASSOCIATES	29
CHECKED	F.B.	CIVIL ENGINEERS	OF 31 SHEETS
		RIVERSIDE CALIFORNIA	DWG. NO. 58-162



RECEIVED  
SEP 24 1999  
DEPT. OF PUBLIC WORKS



PROFILE



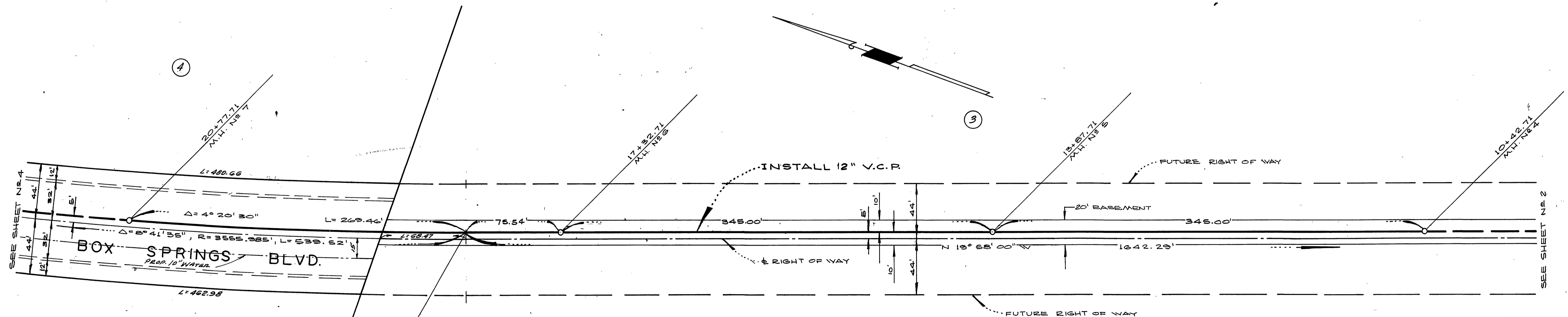
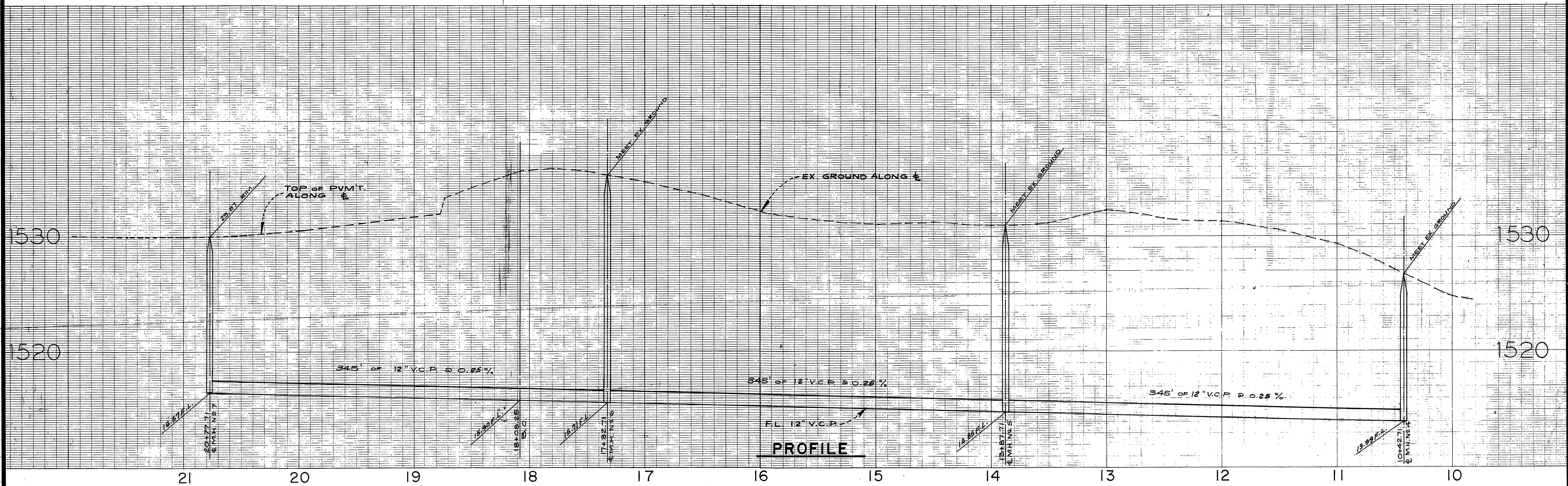
PLAN

"Approval of these plans by the Riverside County Health Department is not intended to constitute an endorsement of the design."  
 COUNTY SURVEYOR & ROAD COMMISSIONER  
 APPROVED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

RIVERSIDE COUNTY HEALTH DEPARTMENT  
 SEWAGE DISPOSAL  
 GAL. SEPTIC TANK  
 50 FT. OF LEACH  
 SEEPAGE BIT  
 SEWER LINE LAYOUT  
 SWIMMING POOL  
 APPROVED FOR OCCUPANCY CONSTRUCTION OR INSTALLATION THE ITEMS CHECKED ABOVE.  
 DATE: 3-26-74  
 BY: \_\_\_\_\_

SEP 24 1999 S-1724  
 DEPT. OF PUBLIC WORKS 6 of 18

REVISIONS: _____ _____ _____	APPROVED BY: <i>Albert A. Webb</i> REGISTERED CIVIL ENGINEER NO. 3976 DATE: 10-3-73	<b>ALBERT A. WEBB ASSOCIATES</b> CIVIL ENGINEERS RIVERSIDE CALIFORNIA	<b>EDGEMONT COMMUNITY SERVICES DISTRICT</b> SEWER PLAN & PROFILE EASEMENT BOX SPRINGS ASSESSMENT DISTRICT NO. 137
	APPROVED BY: <i>L. P. Sanders</i> GENERAL MANAGER EDGEMONT COMMUNITY SERVICES DISTRICT DATE: 7-20-73	SCALE: HORIZ.: 1"=40' VERT.: 1"=4' DATE: DEC 1, 1972	BENCH MARK: ELEV. 1532.15 U.S.G. & G.S. # R 258, NW COR. INT. AT JUNCTION TOPKICK & S.F. R. 2 & FISCHER RD. BEAS DISK ON 2nd CONC. MAN. ALSO KNOWN AS 600-48-55

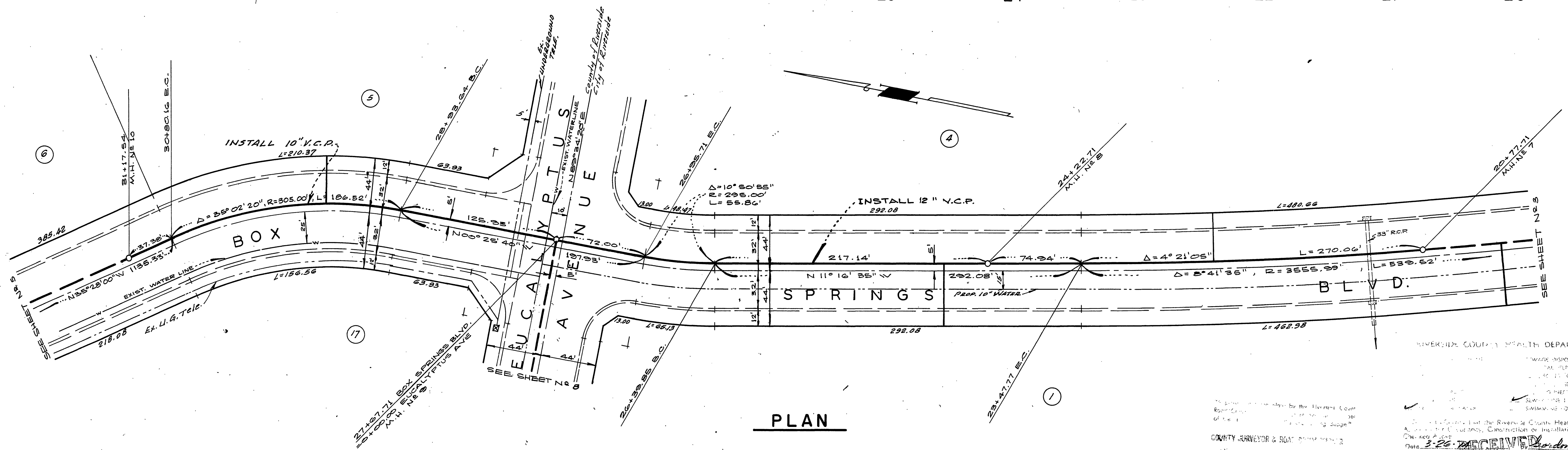
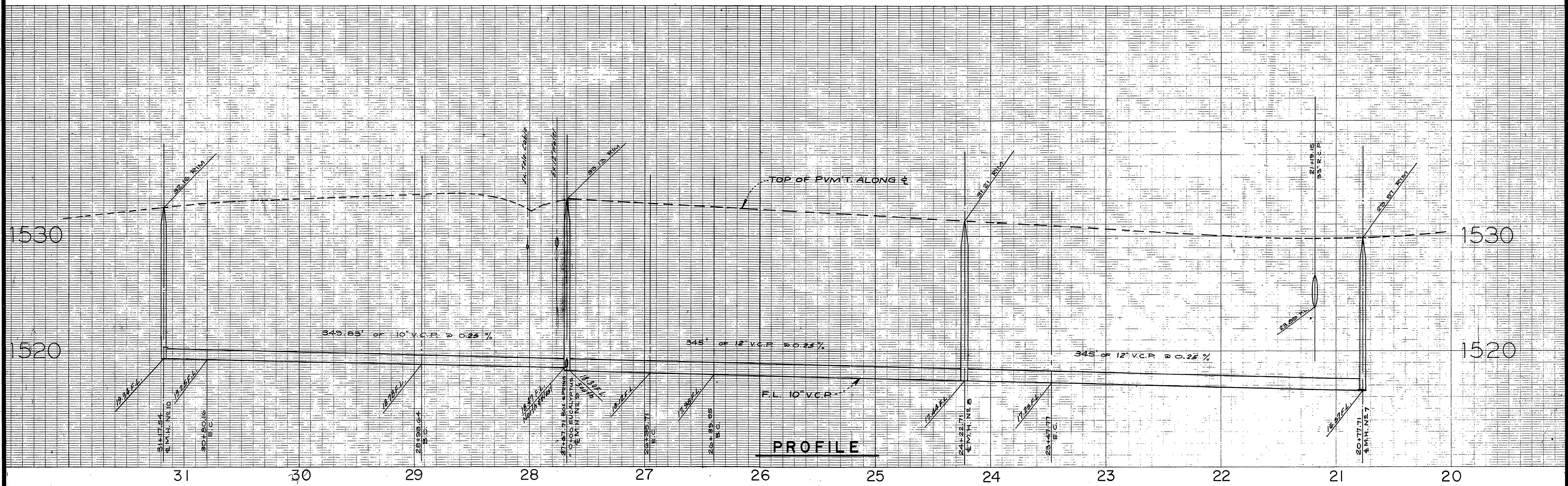


PLAN

SEWERAGE DEPARTMENT  
 RECEIVED  
 SEP 24 1999  
 S-1724  
 7 of 18

REVISIONS:	APPROVED BY: <i>Albert A. Webb</i> REGISTERED CIVIL ENGINEER NO. 2876	ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS		EDGEMONT COMMUNITY SERVICES DISTRICT	3 OF 8 SHEETS
	DATE: 10-3-73	APPROVED BY: <i>J.W. Sanders</i> GENERAL MANAGER EDGEMONT COMMUNITY SERVICES DISTRICT	RIVERSIDE CALIFORNIA		
	DATE: 7-22-73	SCALE: HORIZ.: 1"=40' VERT.: 1"=4'	BENCH MARK: ELEV. 1598.16 U.S.G. & G.S. # 228, N.W. COR. INT. ATCHISON TOPEKA & S.F. R.R. & FISCHER RD.; BRASS DISC. ON 2"x6" CONC. MON. ALSO KNOWN AS 600-48-68	W.O. 72-383 FOR: F.B. 1026	FILE NO.: 72-383-B

(74-82 VAULT)  
EDGE MONT. SH 134

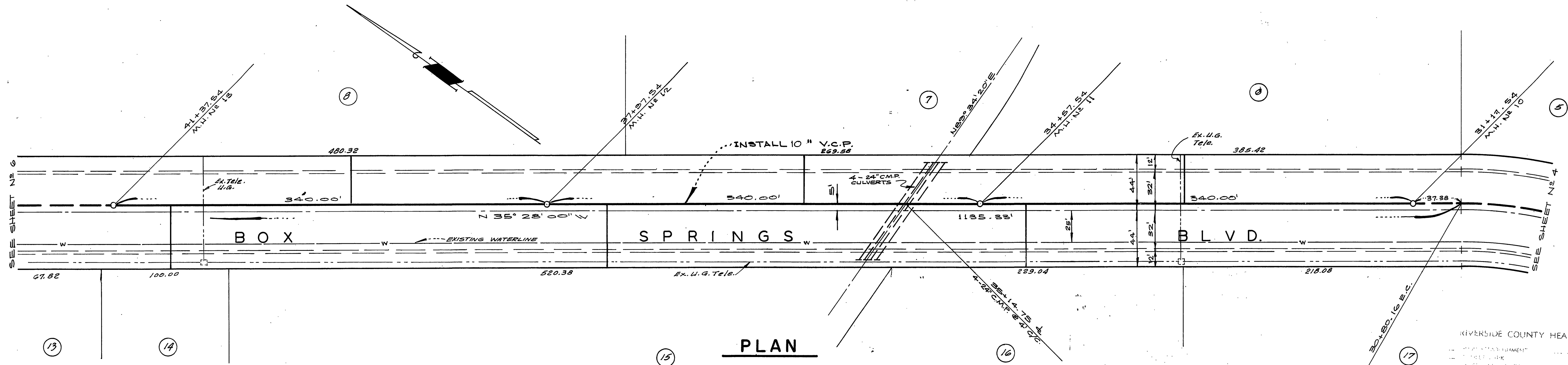
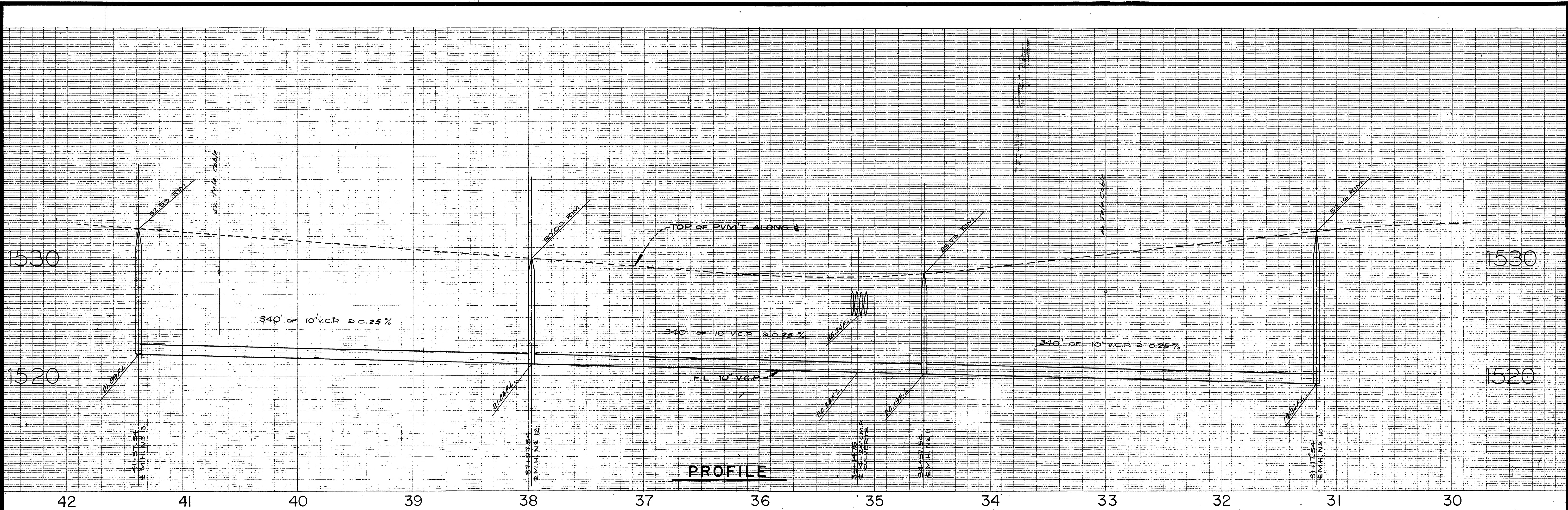


PLAN

RIVERSIDE COUNTY HEALTH DEPARTMENT  
 RECEIVED  
 SEP 24 1999  
 DEPT. OF PUBLIC WORKS

REVISIONS:	APPROVED BY: <i>[Signature]</i> REGISTERED CIVIL ENGINEER NO. 2272	ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS RIVERSIDE CALIFORNIA	EDGEMONT COMMUNITY SERVICES DISTRICT
DATE: 10-3-73	APPROVED BY: <i>[Signature]</i> GENERAL MANAGER EDGEMONT COMMUNITY SERVICES DISTRICT	BENCH MARK: ELEV. 1539.16 U.S.G.S. # 228, N.W. COR. INT. ATCHISON TOWER & S.F. R.R. & FISCHER RD., BEASS DISK ON 6" CONG. MON., ALSO KNOWN AS 600-48-68	SEWER PLAN & PROFILE BOX SPRINGS BLVD. BOX SPRINGS ASSESSMENT DISTRICT NO. 137
DATE: 7-20-73	DATE: DEC., 1972	SCALE: HORIZ: 1"=40' VERT: 1"=4'	W.O. 72-383 FOR: F.B. 1026
			4 OF 8 SHEETS FILE NO. 72-383-B





- RIVERSIDE COUNTY HEALTH DEPARTMENT
- SEWAGE DISPOSAL
  - GAL. SEPTIC TANK
  - 50 FT. OF EACH LINE
  - SEWERAGE PIT
  - CENTER LINE TO SEWER
  - SEWER LINE LAYOUT
  - SWIMMING POOL

Approval of this plan by the Riverside County Board of Supervisors is hereby given on the condition that the applicant shall be responsible for the construction and installation of the items checked above.

DATE: 3-26-74 BY: Gordon L. Burt

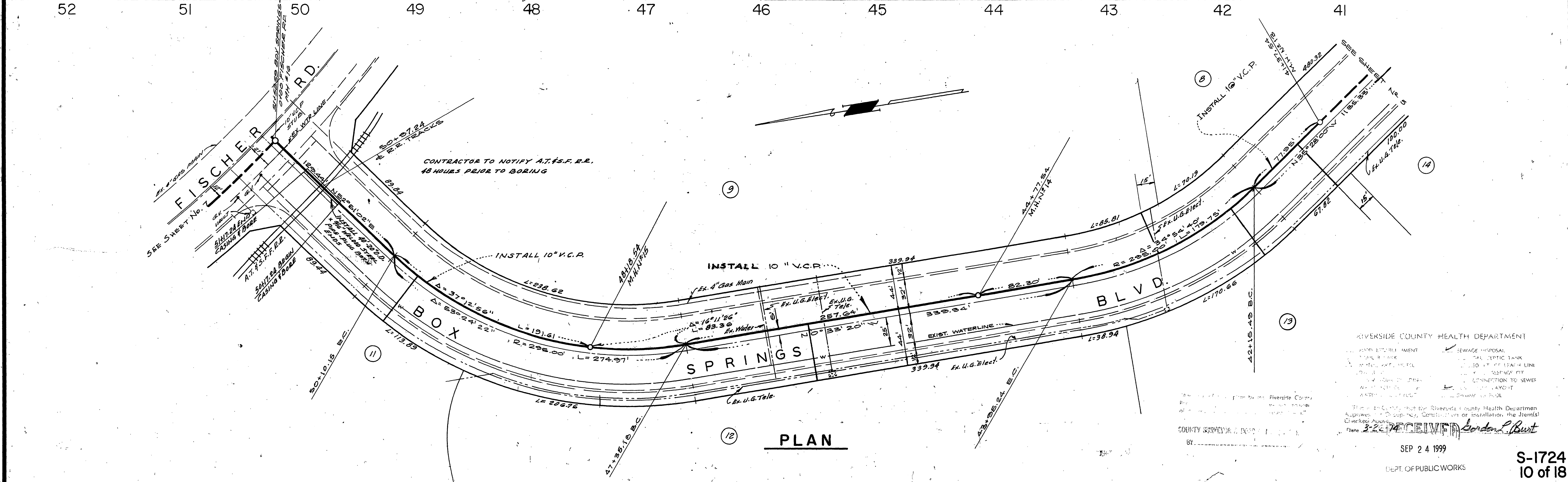
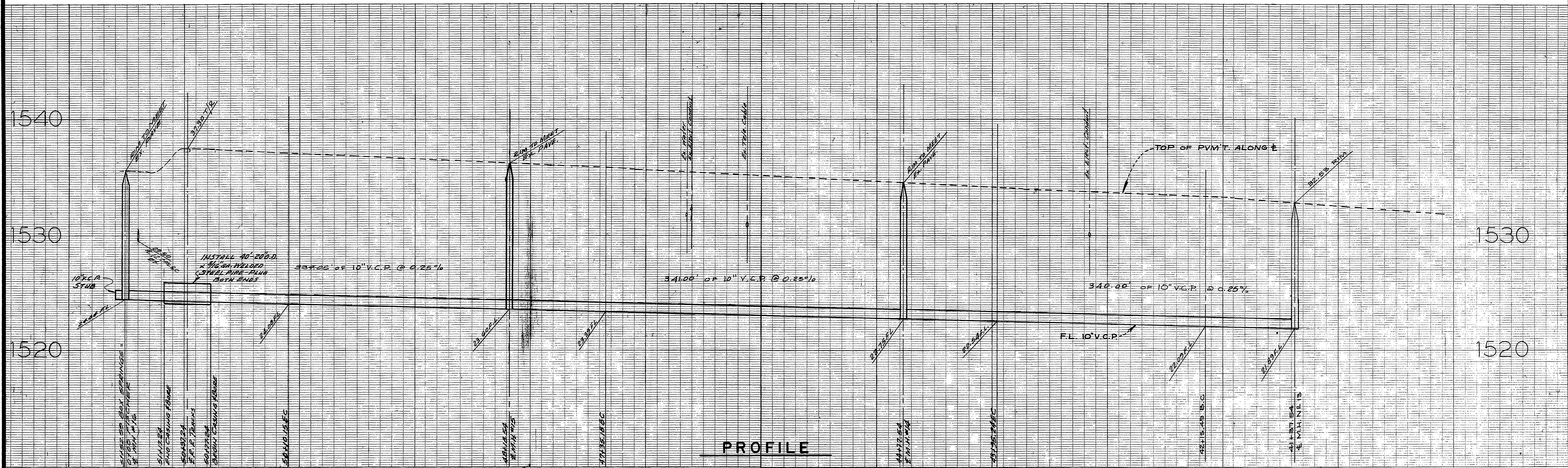
COUNTY SURVEYOR & ROAD COMMISSIONER

RECEIVED  
SEP 24 1999  
DEPT. OF PUBLIC WORKS

S-1724  
9 of 18

REVISIONS:	APPROVED BY: <i>Albert A. Webb</i> REGISTERED CIVIL ENGINEER NO. 2872	ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS		EDGEMONT COMMUNITY SERVICES DISTRICT	
	DATE: 10-3-73	RIVERSIDE CALIFORNIA		SEWER PLAN & PROFILE BOX SPRINGS BLVD. BOX SPRINGS ASSESSMENT DISTRICT NO. 137	
	APPROVED BY: <i>Gordon L. Burt</i> GENERAL MANAGER EDGEMONT COMMUNITY SERVICES DISTRICT	SCALE: HORIZ.: 1"=40' VERT.: 1"=4'	BENCH MARK: ELEV. 1538.16 U.S.G. & G.S. # 8298, NEW COR. INT. ATCHISON TOPEKA & S.P. RE. & FISCHER, ED., BEASS DISC. ON Q'Y OF CONC. MAN., ALSO KNOWN AS 600-48-68	W.O. 12-383 FOR:	F.B. 1026
	DATE: 7-20-73	DATE: DEC. 1972			

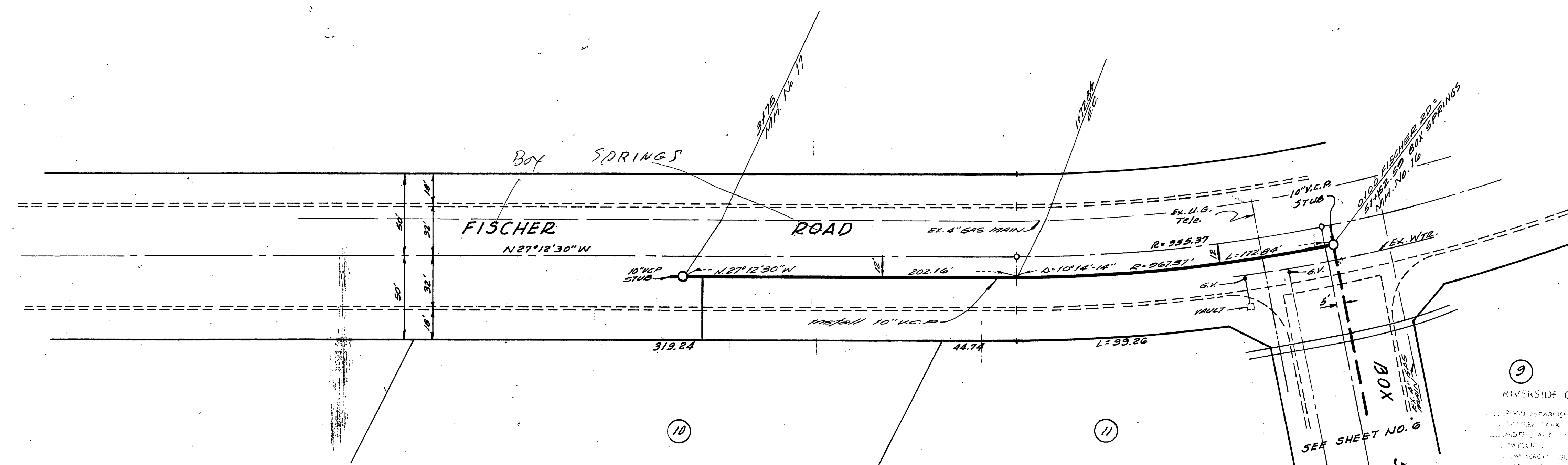
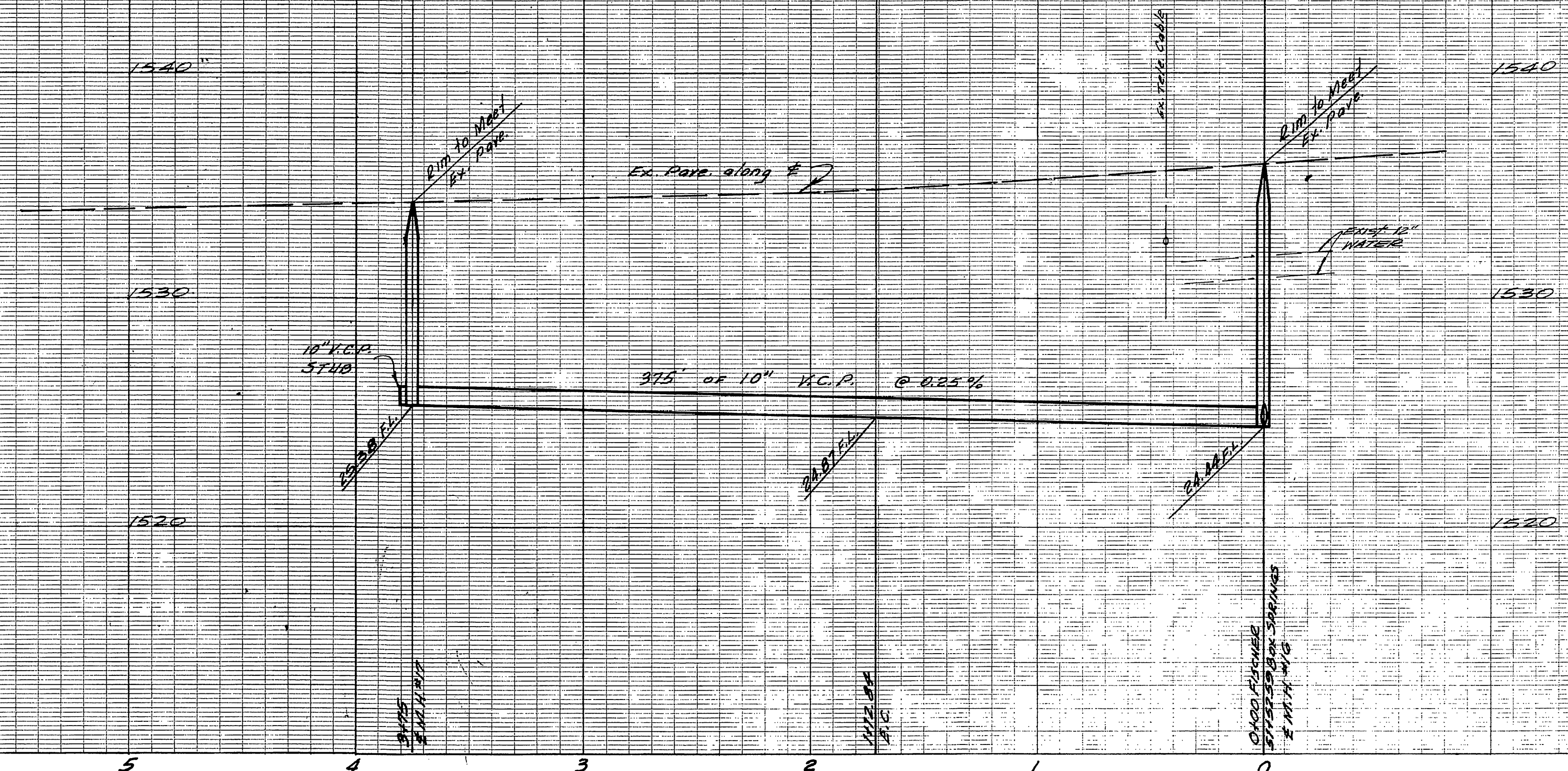
(74-82 VAULT)  
EDGEMONT 577-136



REVISIONS:  	APPROVED BY: <i>[Signature]</i> REGISTERED CIVIL ENGINEER NO. 2876	<b>ALBERT A. WEBB ASSOCIATES</b> CIVIL ENGINEERS RIVERSIDE CALIFORNIA		<b>EDGEMONT COMMUNITY SERVICES DISTRICT</b> SEWER PLAN & PROFILE <b>BOX SPRINGS BLVD.</b> BOX SPRINGS ASSESSMENT DISTRICT NO. 137	<b>6</b> OF 3 SHEETS FILE NO. 72-383-B
	DATE: 10-3-73	APPROVED BY: <i>[Signature]</i> GENERAL MANAGER EDGEMONT COMMUNITY SERVICES DISTRICT	SCALE: HORIZ.: 1" = 40' VERT.: 1" = 4' DATE DEC. 1972		

RIVERSIDE COUNTY HEALTH DEPARTMENT  
 RECEIVED  
 SEP 24 1999  
 DEPT. OF PUBLIC WORKS

(74-82 VAULT) SAT 137  
 EDGE MONT



9  
 RIVERSIDE COUNTY HEALTH DEPARTMENT  
 REPAIRS: REPAIRS, REPAIRS, REPAIRS  
 DISPOSAL: DISPOSAL, DISPOSAL, DISPOSAL  
 GAL. SEPTIC TANK: GAL. SEPTIC TANK, GAL. SEPTIC TANK  
 50' FT. OF LEACH LINE: 50' FT. OF LEACH LINE, 50' FT. OF LEACH LINE  
 SEEPAGE PIT: SEEPAGE PIT, SEEPAGE PIT  
 CONNECTION TO SEWER: CONNECTION TO SEWER, CONNECTION TO SEWER  
 WATER TREATMENT: WATER TREATMENT, WATER TREATMENT  
 WASTEWATER POOL: WASTEWATER POOL, WASTEWATER POOL  
 This is to certify that the Riverside County Health Department  
 Approves the Design, Construction or Installation of the Items  
 Checked Above.  
 Date: 3-26-74 By: Gordon L. Burt

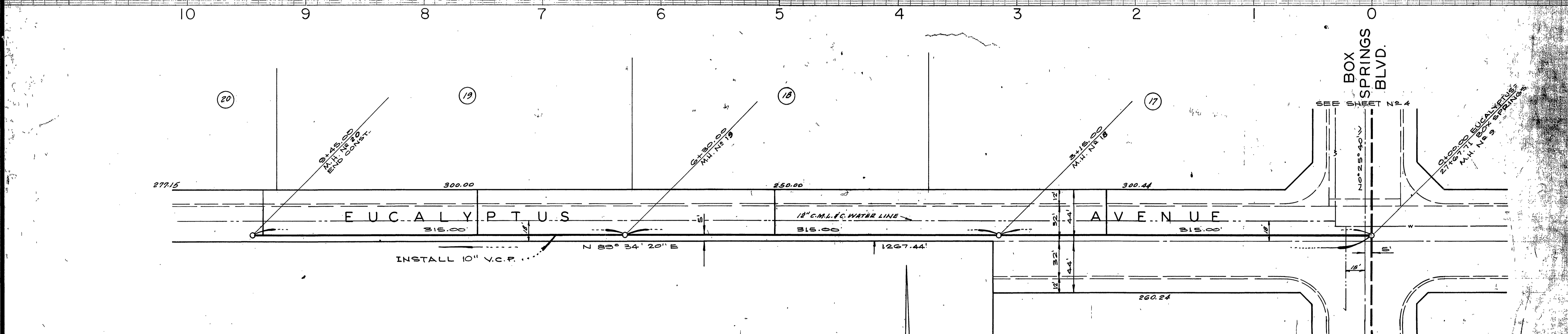
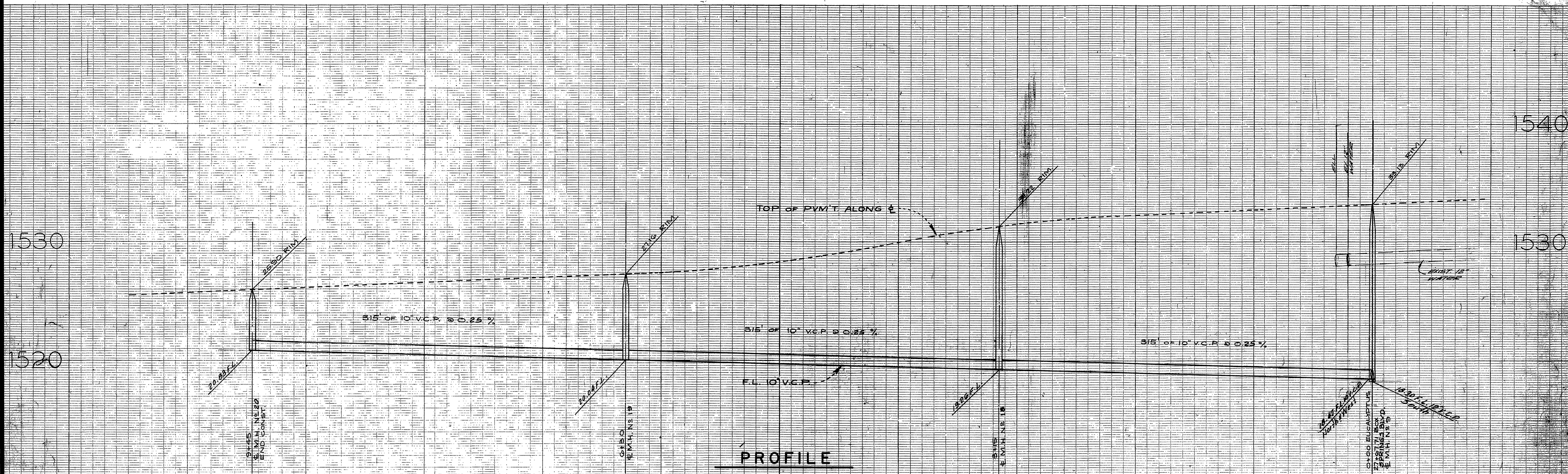
Approved of this plan by the Riverside County  
 Board of Supervisors on the 24th day of December  
 of the year 1972.  
 COUNTY SURVEYOR & COMMISSIONER  
 BY:

RECEIVED  
 SEP 24 1999

S-1724  
 11 of 18

REVISIONS:    	APPROVED BY:  REGISTERED CIVIL ENGINEER NO. 2976 DATE: 10-9-73	ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS RIVERSIDE, CALIFORNIA	EDGEMONT COMMUNITY SERVICES DISTRICT SEWER PLAN & PROFILE <b>FISCHER ROAD</b> BOX SPRINGS ASSESSMENT DISTRICT NO. 137	7 OF 8 SHEETS FILE NO. 72-383-B
	APPROVED BY:  GENERAL MANAGER EDGEMONT COMMUNITY SERVICES DISTRICT DATE: 7-20-73	SCALE: HORIZ. : 1" = 40' VERT. : 1" = 4' DATE: DEC, 1972	BENCH MARK: ELEV. 1538.12 U.S.C. 16.5 * 228 N.W. COR. INT. AT 45° E. B. & FISCHER RD. BEARS DISK IN 6" CON. MON. ALSO KNOWN AS 600-48-68	W.072-383 FOR: F.B. 1026

(74-82 VAULT)  
 EDGEMONT, CALIF.



**PLAN**

Approval of these plans by the Riverside County Road Commission, one not relieving the Engineer of the responsibility for the Engineering design.

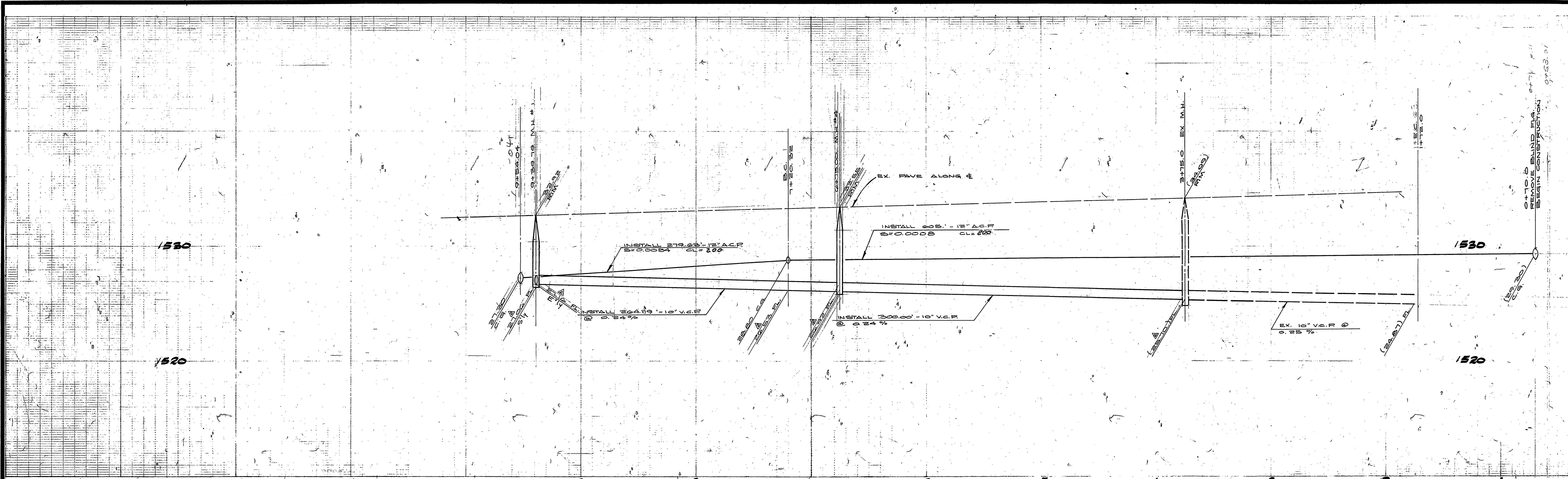
APPROVED BY: *[Signature]*  
 COUNTY SUPERVISOR & ROAD COMMISSIONER

Approval of these plans by the Riverside County Health Department, one not relieving the Engineer of the responsibility for the Engineering design.

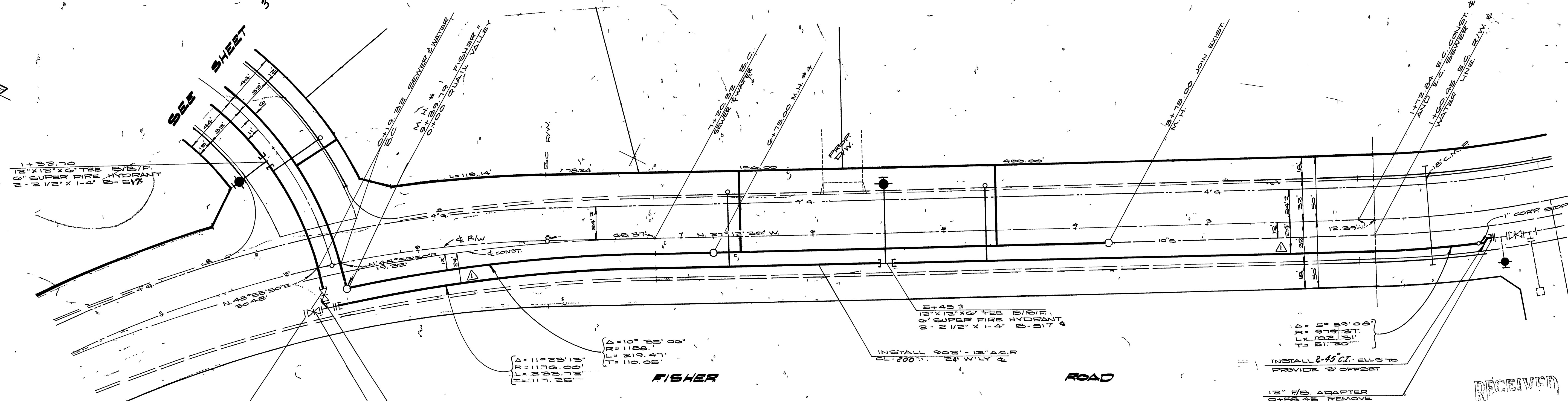
APPROVED BY: *[Signature]*  
 COUNTY SUPERVISOR & ROAD COMMISSIONER

DEPT. OF PUBLIC WORKS

REVISIONS:   	APPROVED BY: <i>[Signature]</i> REGISTERED CIVIL ENGINEER NO. 2876 DATE: 10-9-73	<b>ALBERT A. WEBB ASSOCIATES</b> CIVIL ENGINEERS RIVERSIDE CALIFORNIA	<b>EDGEMONT COMMUNITY SERVICES DISTRICT</b> SEWER PLAN & PROFILE <b>EUCALYPTUS AVENUE</b> BOX SPRINGS ASSESSMENT DISTRICT NO. 137	OF 8 SHEETS FILE NO. 12-383-B
	APPROVED BY: <i>[Signature]</i> GENERAL MANAGER EDGEMONT COMMUNITY SERVICES DISTRICT DATE: 7-20-73	SCALE: HORIZ. 1"=40' VERT. 1"=4' DATE DEC. 1972	BENCH MARK: ELEV. 1535.16 U.S.G.S. 42289, N.W. COR. INT. HATCHISON, TOPEKA & S.F. R.R. & FISHER RD. BRASS DISK ON G.W. CONC. MON. ALSO KNOWN AS 600-45-58	W.O. 72-385 FOR: FB 1026 (74-BX VADJET)



NOTE: ALL FLAGGED ELEVATIONS TO BE STAKED IN THE FIELD BY THE ENGINEER



- 12" BUTTERFLY VALVE F/H
- 12" BUTTERFLY VALVE F/H
- 3+24.04 FISHER RD. 10+11.10 QUAIL VALLEY 12" X 12" X 12" TEE F/R/F
- 1+32.70 12" X 12" X 12" TEE S/R/F 6" SUPER FIRE HYDRANT 2" 2 1/2" X 1-4" S-SIT
- 5+45 ± 12" X 12" X 12" TEE S/R/F 6" SUPER FIRE HYDRANT 2" 2 1/2" X 1-4" S-SIT
- 1+102.21 12" X 12" X 12" TEE S/R/F 6" SUPER FIRE HYDRANT 2" 2 1/2" X 1-4" S-SIT
- 12" F/E ADAPTER OVER EX. REMOVE EXISTING BLIND-FLANGE
- 12" F/E ADAPTER OVER EX. REMOVE EXISTING BLIND-FLANGE

RECEIVED  
SEP 24 1999  
DEPT OF PUBLIC WORKS

S-1724  
13 of 18  
D-4591

APPROVED BY:  
*S.D. Sanders*  
GENERAL MANAGER - EDMONT COMMUNITY SERVICES DISTRICT  
DATE: 2-8-79

WATER APPROVED BY:  
**EASTERN MUNICIPAL WATER DISTRICT**  
*Walter H. Brown*  
GENERAL MANAGER AND CHIEF ENGINEER  
DATE: 2-22-79

APPROVALS  
DESIGN: *J.S.*  
CONSTRUCTION: *J.M.*  
OPERATIONS: *D.M.*  
SUBMITTED: *Lot 2-20-79*

REVISIONS:

1	MOVED WATER LINE ON FISHER FROM 21+02.88 TO 21+02.88
2	RAISED SEWER ALONG 22 TO MEET EX. M.H. 22

APPROVED BY: *Albert A. Webb*  
REGISTERED CIVIL ENGINEER NO. 3876  
DATE: 1/24/79

APPROVED BY: *Joseph C. Smith*  
DATE: 3-22-79

ALBERT A. WEBB ASSOCIATES  
CIVIL ENGINEERS  
RIVERSIDE, CALIFORNIA

SCALE:  
Horz: 1" = 40'  
Vert: 1" = 4'

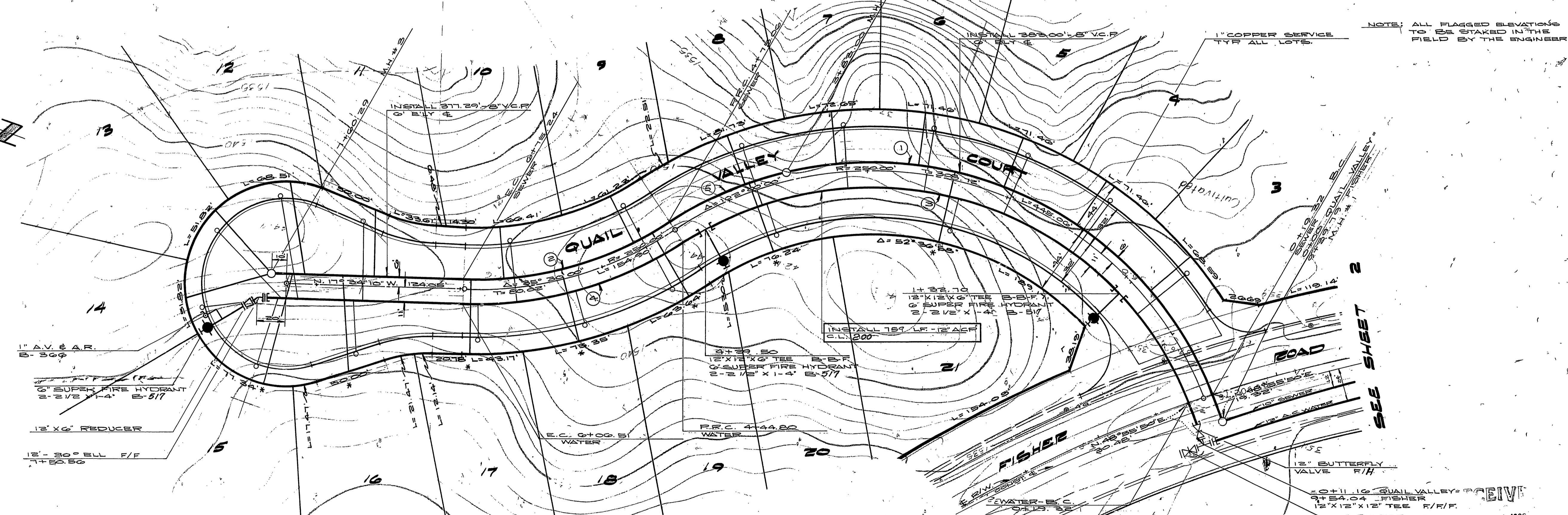
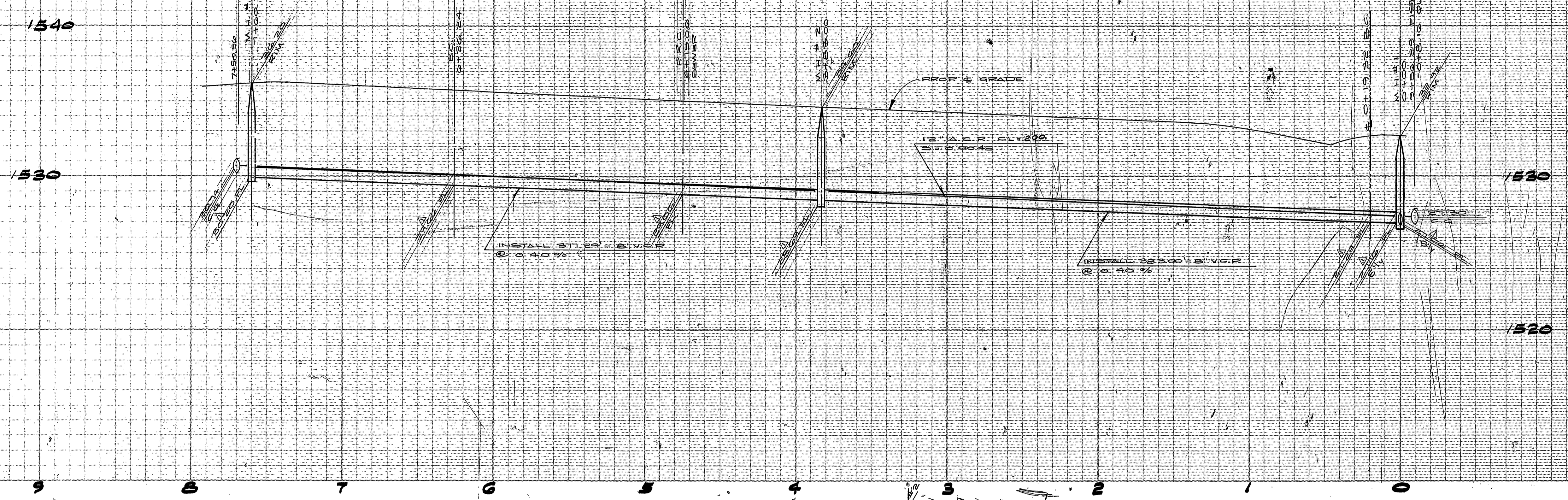
BENCH MARK: ELEV. 1520.10  
U.S.C. & G.S. # R. 238 NW COR  
INT. AT 6" F.R.R. & FISHER RD  
BRASS DISK IN 6" CONC.  
MON. ALSO KNOWN AS 600-  
48-02. (DESTROYED SEE  
A.A. WEBB FILE 1022 FOR ITEM)

C.D. 11240, W.O. 79-162  
IMPROVEMENT DISTRICT NO. 10

PARCEL MAP 11907  
COUNTY OF RIVERSIDE  
SEWER & WATER PLAN & PROFILE  
FISHER ROAD

W.O. 77-408 FOR: JAMES C. JONES  
F.B. 1020

OF 3 SHEETS  
FILE NO. 77-408-B



**\* NOTE:**  
SEWER CONTRACTOR, INSTALL 4" CAST IRON PIPE LATERALS FOR LOTS 18 THRU 21. LATERALS TO BE INSTALLED OVER 12" A.C.P. WATER AND TO BE CAST IRON FROM SEWER MAIN TO PROPERTY LINE.

NOTE: ALL FLAGGED ELEVATIONS TO BE STAKED IN THE FIELD BY THE ENGINEER. TYP ALL LOTS.

NO.	Δ	R.	T.	L.
①	81°23'45"	259.00'	220.15'	303.08'
②	35°30'00"	244.00'	75.10'	151.15'
③	105°00'00"	259.00'	395.14'	425.45'
④	55°30'00"	241.00'	59.55'	101.71'
⑤	20°30'15"	259.00'	49.52'	92.00'

APPROVED BY: *[Signature]*  
GENERAL MANAGER - EDMONT COMMUNITY SERVICES DISTRICT  
DATE: 2-9-79

WATER APPROVED BY:  
EASTERN MUNICIPAL WATER DISTRICT  
APPROVED BY: *[Signature]*  
GENERAL MANAGER AND CHIEF ENGINEER  
DATE: 2-22-79

APPROVALS  
DESIGN: *[Signature]*  
CONSTRUCTION: *[Signature]*  
OPERATIONS: *[Signature]*  
SUBMITTED: *[Signature]*

REVISIONS:  
A RAISED SEWER FL. 0.22 TO MEET EX. MH. FL. *[Signature]*

APPROVED BY: *[Signature]*  
REGISTERED CIVIL ENGINEER NO. 3871  
DATE: 1/29/79

ALBERT A. WEBB ASSOCIATES  
CIVIL ENGINEERS  
RIVERSIDE, CALIFORNIA  
SCALE: Horiz. 1"=40'  
VERT. 1"=4'  
DATE: 12-1978

80 11340 W.O. 79-160  
IMPROVEMENT DISTRICT NO. 10  
D-4592  
PARCEL MAP 11907  
COUNTY OF RIVERSIDE  
SEWER & WATER PLAN & PROFILE  
QUAIL VALLEY COURT  
W.O. 77-425 FOR: JAMES C. JONES F.B. 1020  
SEP 24 1999  
S-1724  
14 of 18  
3 OF 3 SHEETS  
FILE NO. 77-405-B

3-19-79  
W. Leun

# EDGEMONT COMMUNITY SERVICES DISTRICT

RIVERSIDE COUNTY, CALIFORNIA

## COTTONWOOD & EUCALYPTUS / I-215 SEWERLINE RELOCATION PROJECT

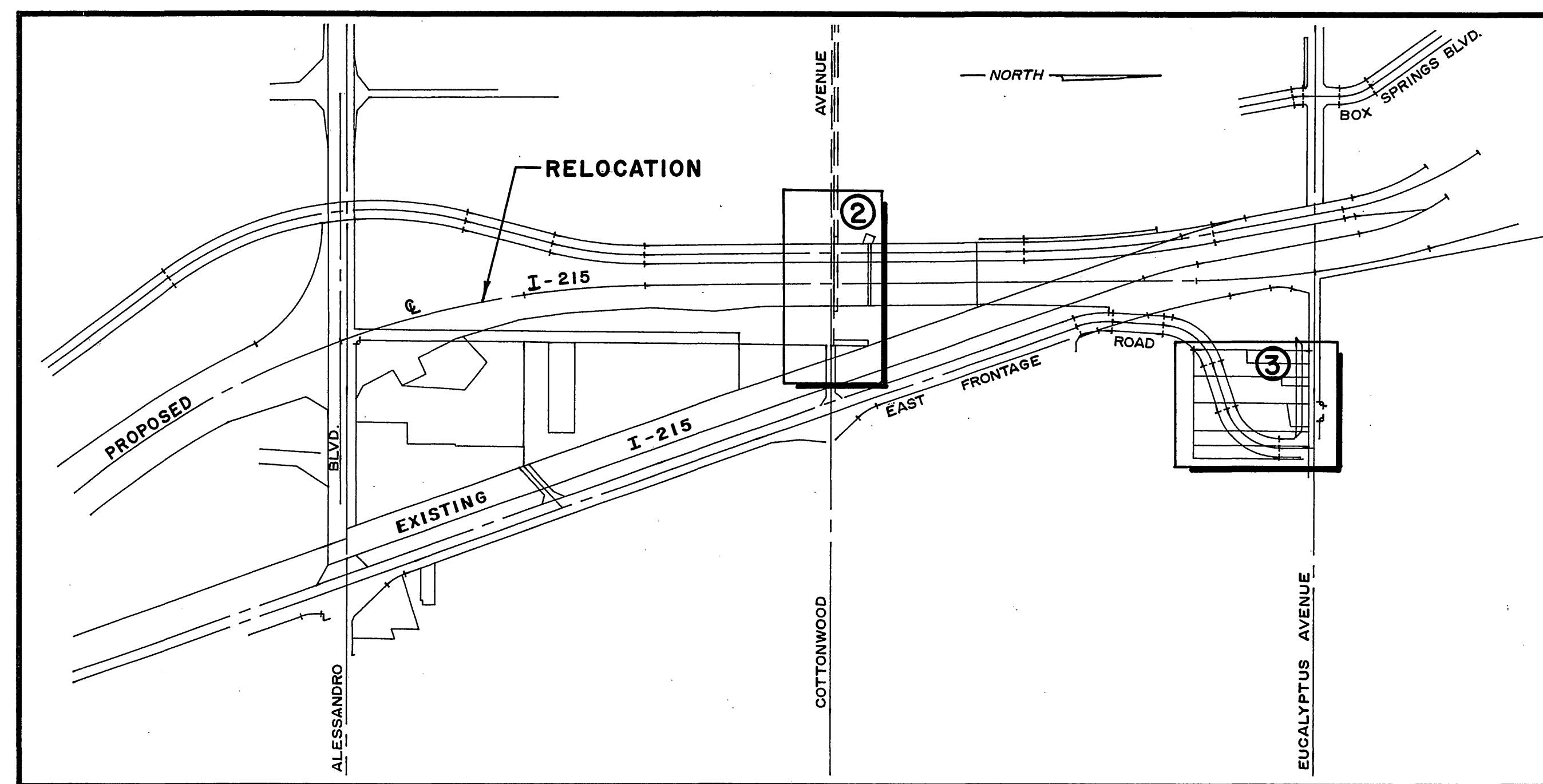
### BOARD OF DIRECTORS

LARRY R. BUTLER  
MICHAEL ADDIE  
MRS. JOE KELLEY  
JOE KENDALL  
KEITH SMITH  
VIRGINIA LOU RAHN

PRESIDENT  
VICE PRESIDENT  
DIRECTOR  
DIRECTOR  
DIRECTOR  
DISTRICT SECRETARY

ALBERT A. WEBB ASSOCIATES  
SAMUEL GERSON, DISTRICT ENGINEER  
R. STATE OF CALIFORNIA  
20 FEB 91  
DATE

### INDEX MAP



### GENERAL NOTES:

1. ALL CONSTRUCTION UNDER THIS CONTRACT SHALL CONFORM WITH ALL PROVISIONS OF THE SPECIAL REQUIREMENTS, BASIC SPECIFICATIONS, AND CONSTRUCTION DRAWINGS, ALL INCLUSIVE UNDER THIS CONTRACT.
2. CONSTRUCTION MATERIALS, TESTING AND INSPECTION SHALL COMPLY WITH EDGEMONT COMMUNITY SERVICES DISTRICT'S STANDARDS & SPECIFICATIONS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF CALTRANS. FAILURE TO MEET THE ABOVE REQUIREMENTS WILL BE CAUSE FOR REJECTION.
3. CONTRACTOR SHALL SHORE ALL TRENCHES AND CONDUCT ALL CONSTRUCTION AND OPERATIONS IN ACCORDANCE WITH CAL-OSHA REQUIREMENTS.
4. PIPE SHALL BE HANDLED SO AS TO PROTECT PIPE, JOINTS, LINING AND COATING AND CAREFULLY BEDDED TO PROVIDE CONTINUOUS BEARINGS AND PREVENT UNEVEN SETTLEMENT. PIPE SHALL BE PROTECTED AGAINST FLOTATION AT ALL TIMES. OPEN ENDS SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS IN PROGRESS.
5. BACKFILL SHALL BE COMPACTED TO A MINIMUM RELATIVE DENSITY OF 95% PER CALTRANS STANDARDS.
6. STRAIGHT SLOPES SHALL BE MAINTAINED BETWEEN INVERTS SHOWN.
7. ANY CONTRACTOR/SUB CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE HIMSELF WITH THE SITE AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM HIS OPERATIONS. SAID EXISTING IMPROVEMENTS SHALL INCLUDE BUT NOT LIMITED TO BERMS, DITCHES, FENCES, AND PLANTS. ANY REMOVAL OR DAMAGE TO EXISTING IMPROVEMENTS SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT HIS EXPENSE AND SHALL BE APPROVED BY THE DISTRICT.
8. THE CONTRACTOR/SUB CONTRACTOR SHALL EXAMINE CAREFULLY THE SITE OF THE WORK CONTEMPLATED, ALSO THE PLANS AND SPECIFICATIONS. THE SUBMISSION OF A BID PROPOSAL SHALL BE CONCLUSIVE EVIDENCE THAT THE CONTRACTOR/SUB CONTRACTOR HAS INVESTIGATED THE PROJECT SITE AND IS SATISFIED AS TO THE CONDITIONS TO BE ENCOUNTERED, AS TO THE CHARACTER, QUALITY, AND SCOPE OF THE WORK TO BE PERFORMED. THE QUANTITIES OF MATERIAL TO BE FURNISHED, AND AS TO THE REQUIREMENTS OF THE BID PROPOSAL, PLANS AND GENERAL SPECIFICATIONS.
9. THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN (MAIN LINES - NO LATERALS OR SERVICES SHOWN) ON THE DRAWINGS WERE OBTAINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN. THE CONTRACTOR SHALL DETERMINE THE DEPTH AND LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING AND SHALL BE REQUIRED TO TAKE ANY PRECAUTIONARY MEASURES TO PROTECT ALL LINES SHOWN AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THE PLANS, CALL UNDERGROUND SERVICE ALERT (USA) 1-800-422-4133 AT LEAST 48 HOURS PRIOR TO EXCAVATION.
10. CONTRACTOR SHALL NOT BACKFILL ANY TRENCH UNTIL THE INSPECTOR HAS OBTAINED "AS-BUILT" STATIONING AND ELEVATIONS ON ALL STRUCTURES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ACCURATE "AS-BUILT" DRAWINGS TO THE DISTRICT IMMEDIATELY FOLLOWING CONSTRUCTION.
11. FOR SEPARATION REQUIREMENTS BETWEEN WATER AND SEWER LINES, SEE STATE HEALTH DEPARTMENT REQUIREMENTS IN SPECIFICATIONS.
12. THE TOP OF ALL PROPOSED MANHOLES SHALL BE BROUGHT TO EXISTING GRADE UNLESS OTHERWISE SHOWN ON THE PLANS, OR DIRECTED IN THE FIELD.
13. SEWER PIPE ZONE AND TRENCH BACKFILL SHALL BE IN ACCORDANCE WITH THE DETAIL DRAWINGS AND SPECIFICATIONS. THE BEDDING CLASS IS SHOWN ON THE CONSTRUCTION DRAWINGS. THE MINIMUM CLASS BEDDING FOR V.C.P. SEWER SHALL BE CLASS "C" IN ACCORDANCE WITH E.C.S.D. STD. DWG. S-1.
14. ALL BACKFILL IN CALTRANS R/W SHALL BE IN ACCORDANCE WITH THE CALTRANS ENCROACHMENT PERMIT, ALL AT NO ADDITIONAL COST TO THE DISTRICT. CONTRACTOR SHALL NOTIFY THE CALTRANS PERMIT SECTION AT (714) 383-4526 TWO WORKING DAYS PRIOR TO STARTING CONSTRUCTION.
15. CONTRACTOR SHALL NOTIFY THE STATE'S UTILITY RELOCATION INSPECTOR AT (714) 383-4587 TWO WORKING DAYS PRIOR TO INITIAL START OF CONSTRUCTION AND ADDITIONAL TWO WORKING DAYS NOTICE IS REQUIRED IF THE WORK IS INTERRUPTED.

### SPECIAL CONSTRUCTION NOTE:

THE CONTRACTOR SHALL FURNISH AND INSTALL CLASS II BASE FOR BEDDING AND BACKFILL FOR ALL PIPELINE INSTALLATIONS. THE COST FOR THE CLASS II BASE, INCLUDING THE COST OF REMOVAL AND DISPOSAL OF THE MATERIAL EXCAVATED DURING TRENCHING OPERATIONS SHALL BE INCLUDED IN THE APPLICABLE UNIT BID PRICES FOR PIPE INSTALLATION AND NO ADDITIONAL COMPENSATION WILL BE MADE THEREFOR.

### LEGEND:

---	S	EXISTING SEWERLINES.
---	W	EXISTING WATERLINES.
---	G	EXISTING GAS LINES.
---	T	EXISTING UNDERGROUND TELEPHONE LINES.
---	E	EXISTING UNDERGROUND ELECTRIC LINES.
---	6	PROPOSED SEWERLINE.
---	6	PROPOSED AIR VALVE.
---	6	PROPOSED STORM DRAIN LINES.
---	XXXX	HORIZONTAL SURVEY CONTROL NUMBER.

### BENCH MARK:

1.7 MILES NORTHWEST ALONG THE ATCHISON, TOPEKA AND SANTA FE RAILWAY FROM THE STATION AT MARCH FIELD, SET BETWEEN THE TRACK & U.S. HIGHWAY NO. 245, 66.5 FT. SOUTHWEST OF THE SOUTHWEST EDGE OF THE HIGHWAY, 43.6 FT. NORTHEAST OF THE NORTHEAST RAIL OF TRACT, 20 FT. SOUTHEAST OF POST, IRON BENCHMARK DISK SET IN TOP OF CONCRETE POST 0.4 FT. ABOVE GROUND.

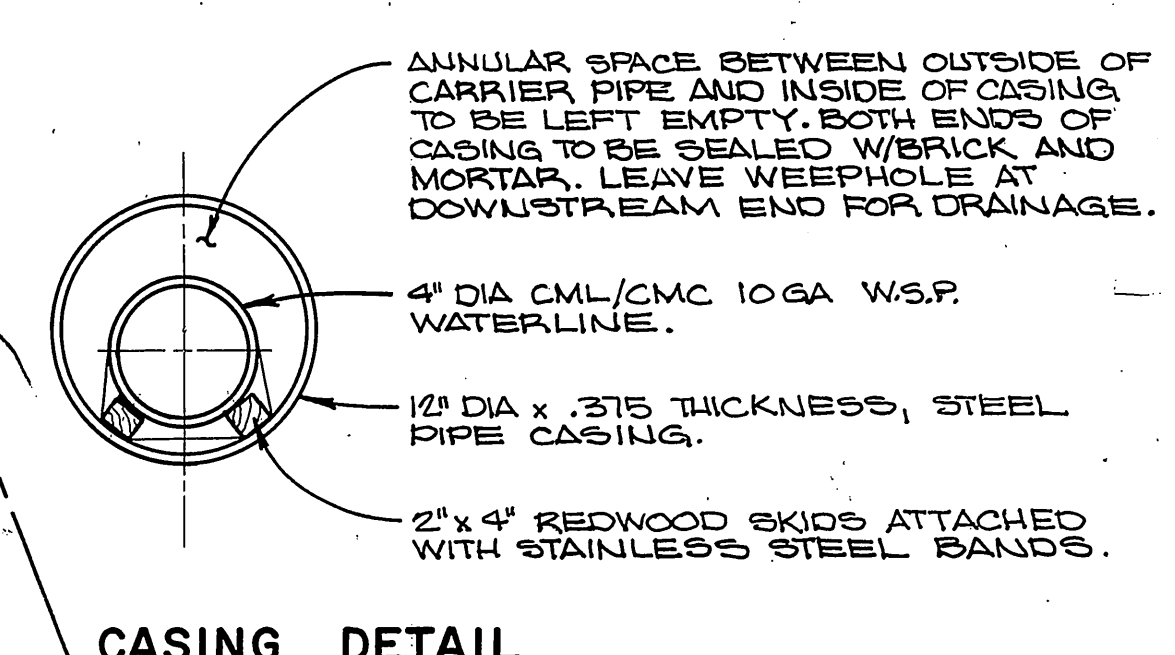
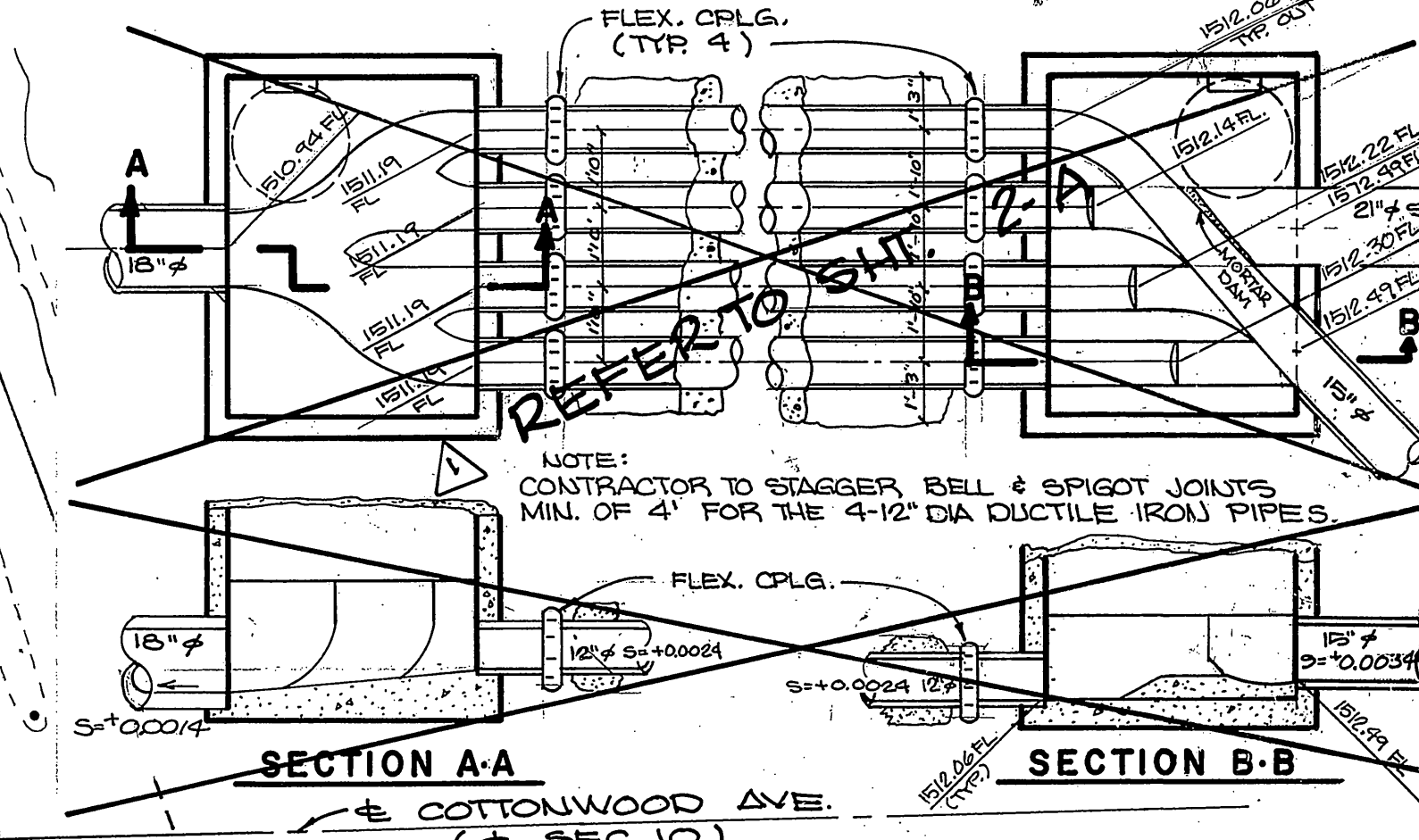
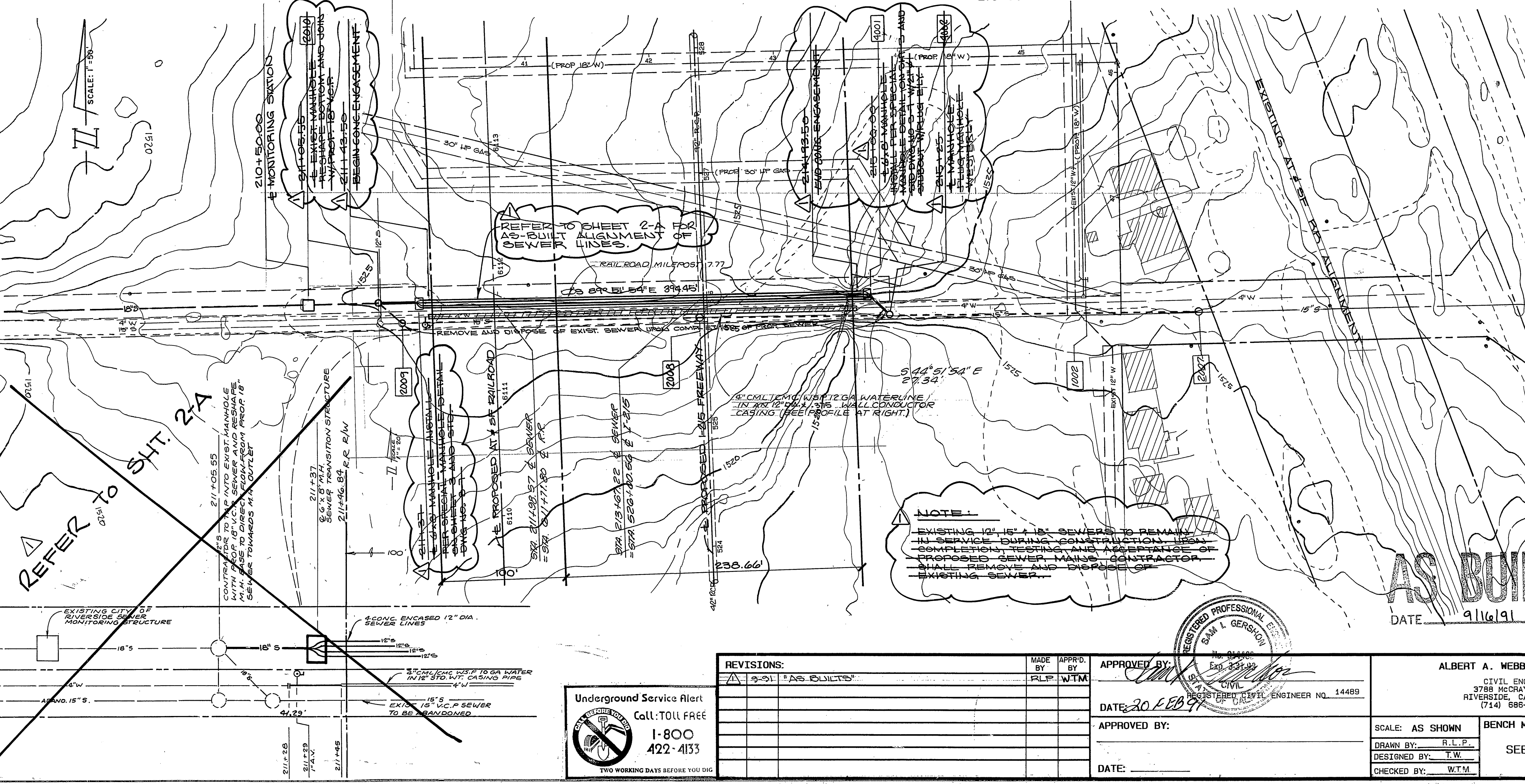
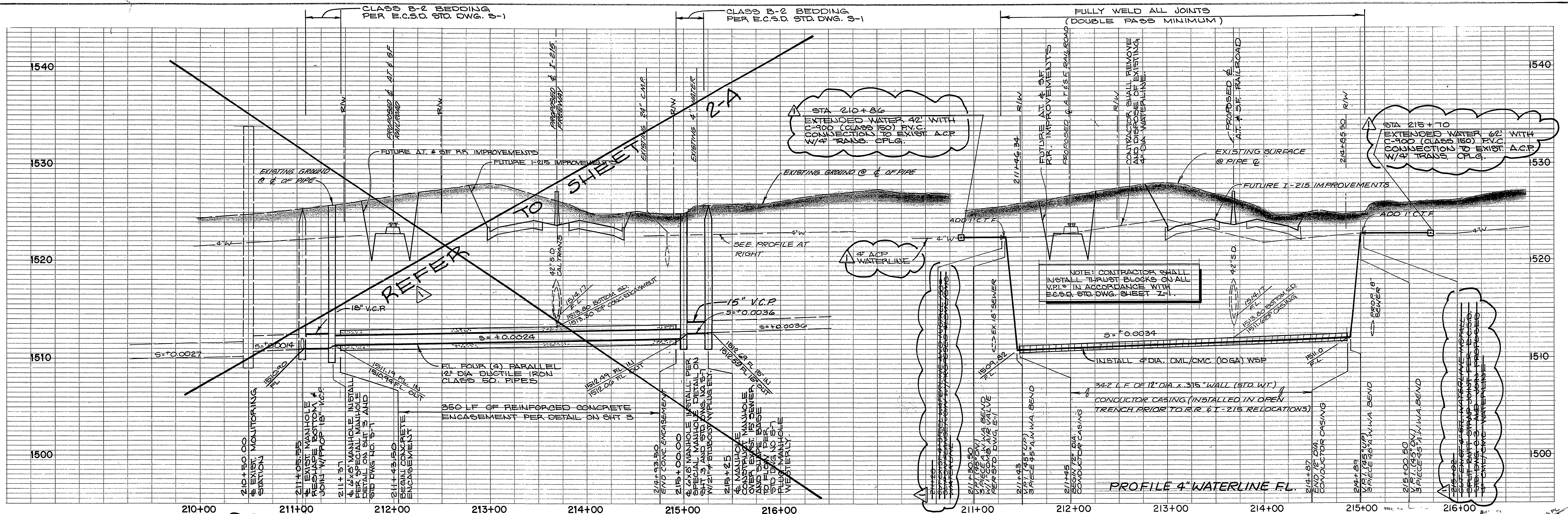
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AS BUILT  
DATE 9/16/91

RECEIVED  
SEP 24 1999  
DEPT. OF PUBLIC WORKS

S-1724  
15 of 18

SHEET 1  
OF 3 SHEETS  
DWG. NO. 87-293



**NOTE:**  
 EXISTING 12", 16" & 18" SEWERS TO REMAIN IN SERVICE DURING CONSTRUCTION. UPON COMPLETION TESTING AND ACCEPTANCE OF PROPOSED SEWER MAINS, CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING SEWER.

**AS BUILT**  
 DATE: 9/16/91

REVISIONS:	MADE BY:	APPR'D. BY:	APPROVED BY:
1. AS BUILT	R.L.P.	W.T.M.	[Signature]
DATE: 20 FEB 91			
APPROVED BY:			
DATE:			

**Underground Service Alert**  
 Call: TOLL FREE  
 1-800-422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

**ALBERT A. WEBB ASSOCIATES**  
 CIVIL ENGINEERS  
 3788 MCCRAY STREET  
 RIVERSIDE, CALIFORNIA  
 (714) 686-1070

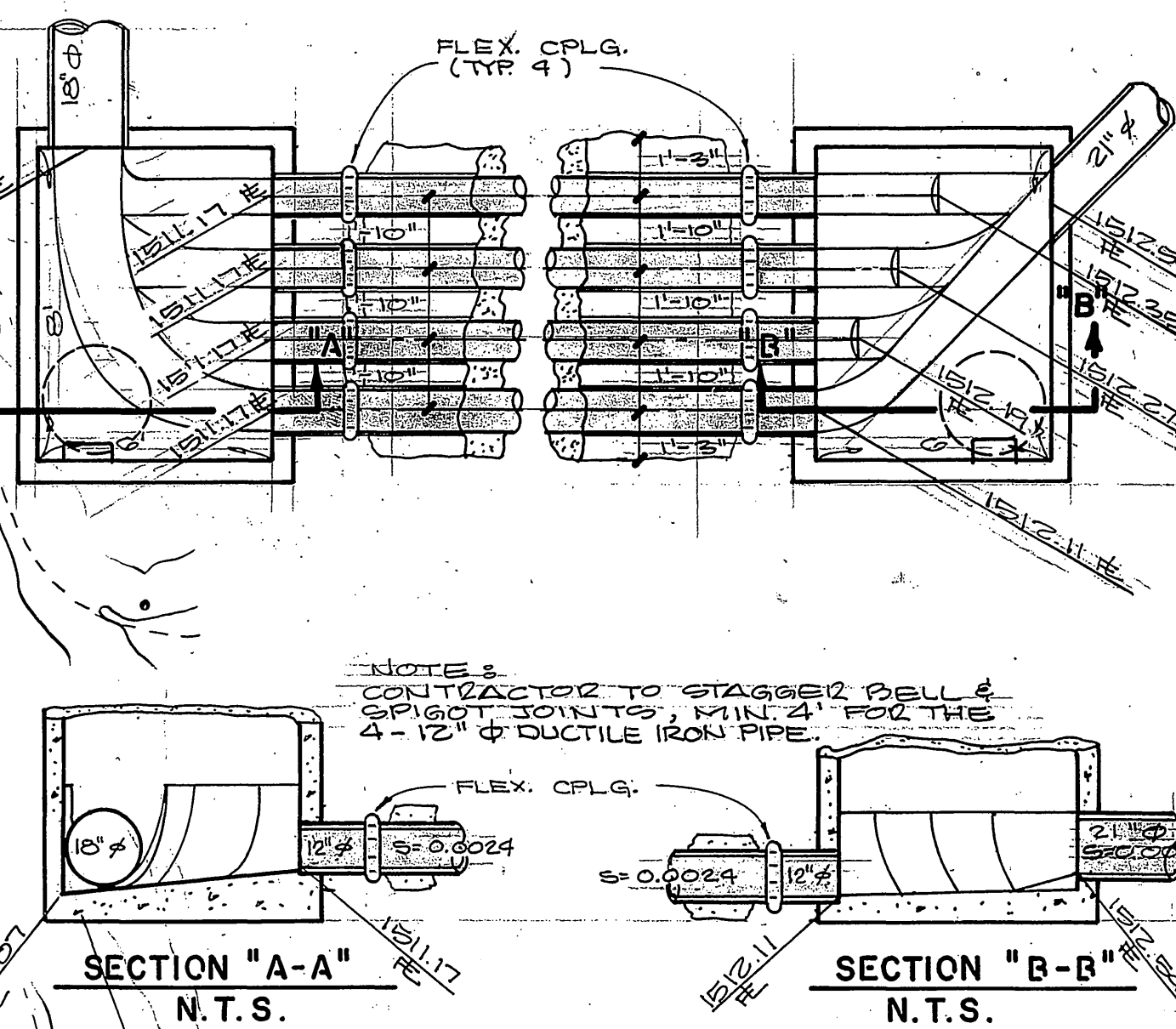
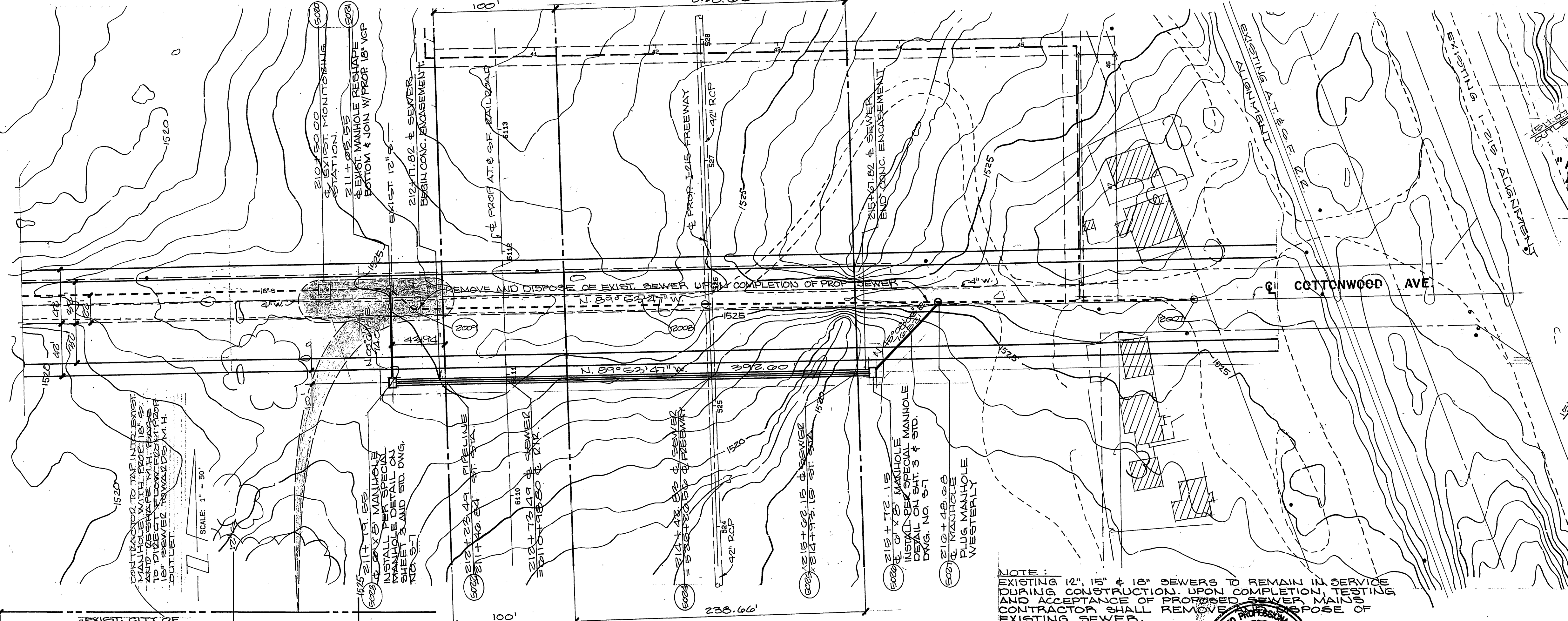
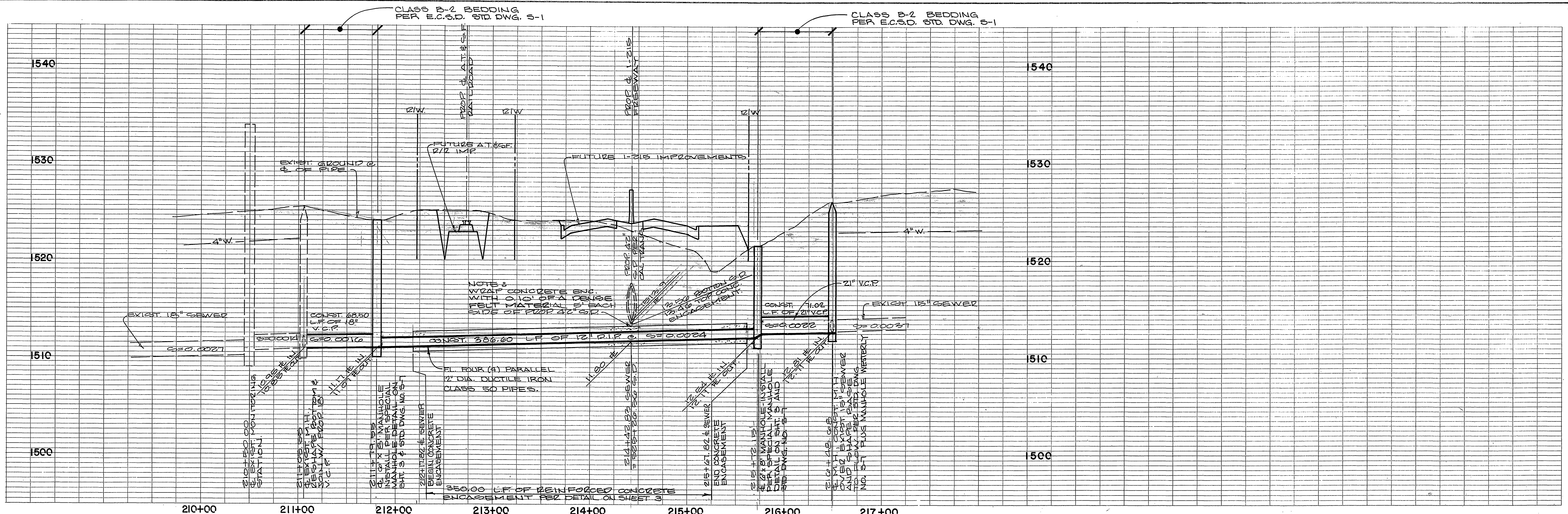
**EDGEMONT COMMUNITY SERVICES DISTRICT**  
 RIVERSIDE COUNTY, CALIFORNIA  
**INTERSTATE-215 REALIGNMENT**  
**SEWERLINE RELOCATION PROJECT**  
**COTTONWOOD AVENUE**  
 W.O. 87-293 FOR: E.C.S.D. F.B.

SCALE: AS SHOWN  
 BENCH MARK: SEE TITLE SHEET

SHEET **2** OF 3 SHEETS  
 FILE NO. 87-293

RECEIVED  
 SEP 24 1991  
 S-1724  
 16 of 18





**AS BUILT**

DATE 9/16/91

NOTE: EXISTING 12", 15" & 18" SEWERS TO REMAIN IN SERVICE DURING CONSTRUCTION. UPON COMPLETION, TESTING AND ACCEPTANCE OF PROPOSED SEWER MAINS, CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING SEWER.

REVISIONS:	MADE BY:	APPR'D BY:
1. 9-51 "AS BUILT"	R.P.	U.T.M.

DESIGNED BY: *[Signature]*

DATE: 3/13/91

REGISTERED CIVIL ENGINEER NO. 37385

CIVIL ENGINEER

STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES

CIVIL ENGINEERS

3788 MCGRAY STREET

RIVERSIDE, CALIFORNIA

(714) 686-1070

SCALE: AS SHOWN

BENCH MARK: SEE TITLE SHEET

ADDENDUM NO. 1 Dated 3-13-91

EDGEMONT COMMUNITY SERVICES DISTRICT

RIVERSIDE COUNTY, CALIFORNIA

**INTERSTATE-215 REALIGNMENT**

**SEWERLINE RELOCATION PROJECT**

**COTTONWOOD AVENUE**

W.O. 87-293 FOR: E.C.S.D. F.B.

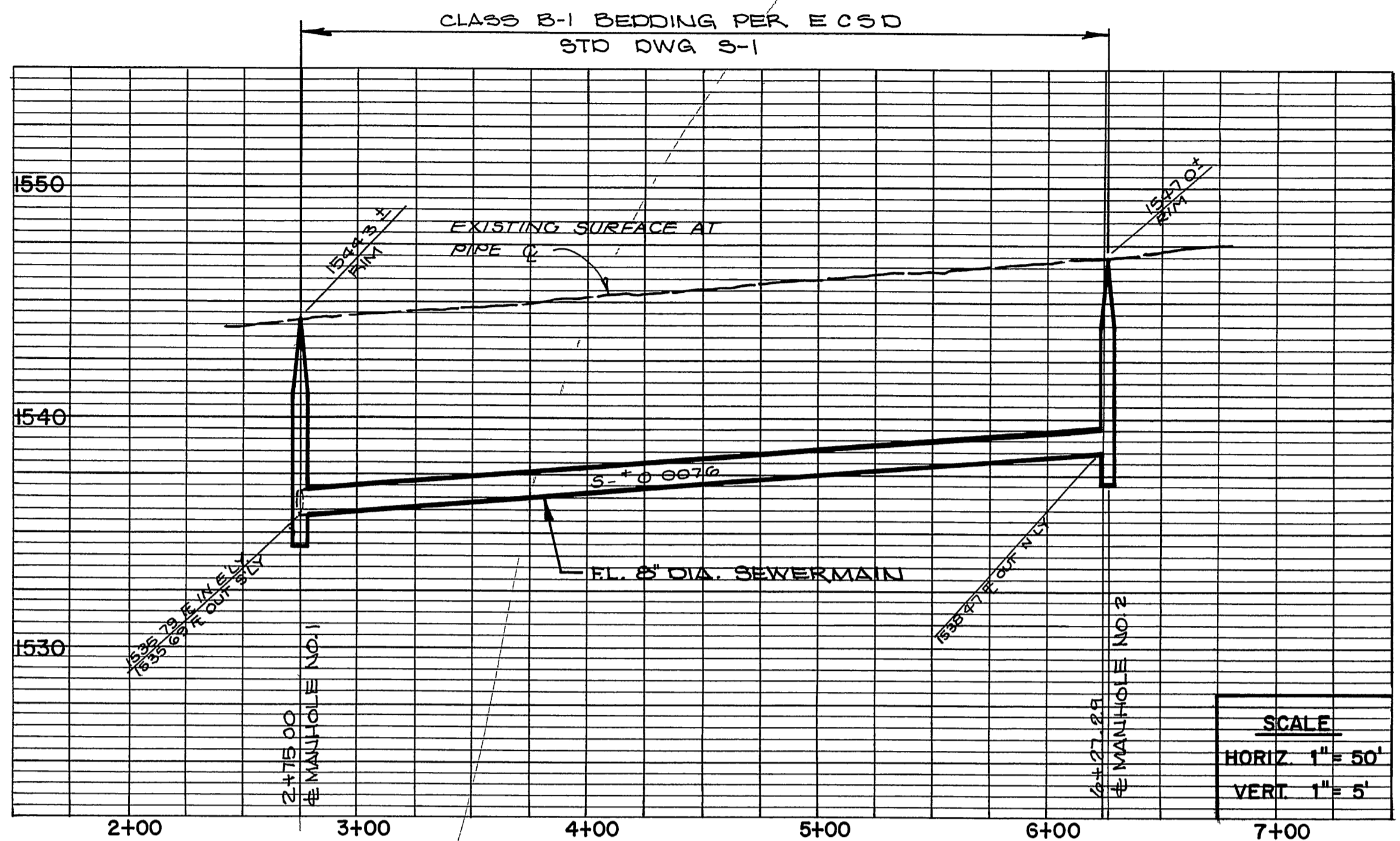
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**2 A**

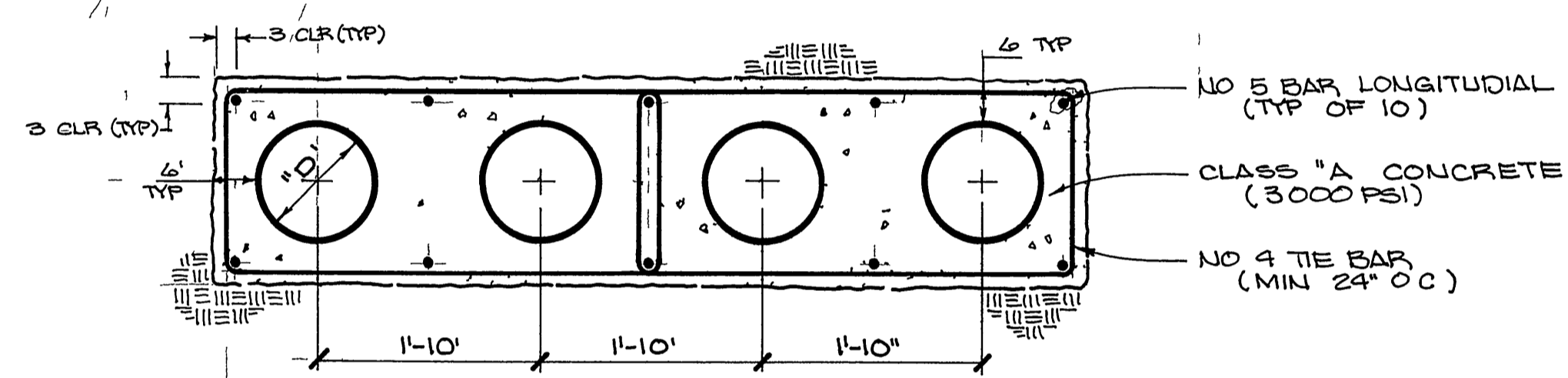
OF 3 SHEETS

FILE NO. 87-293





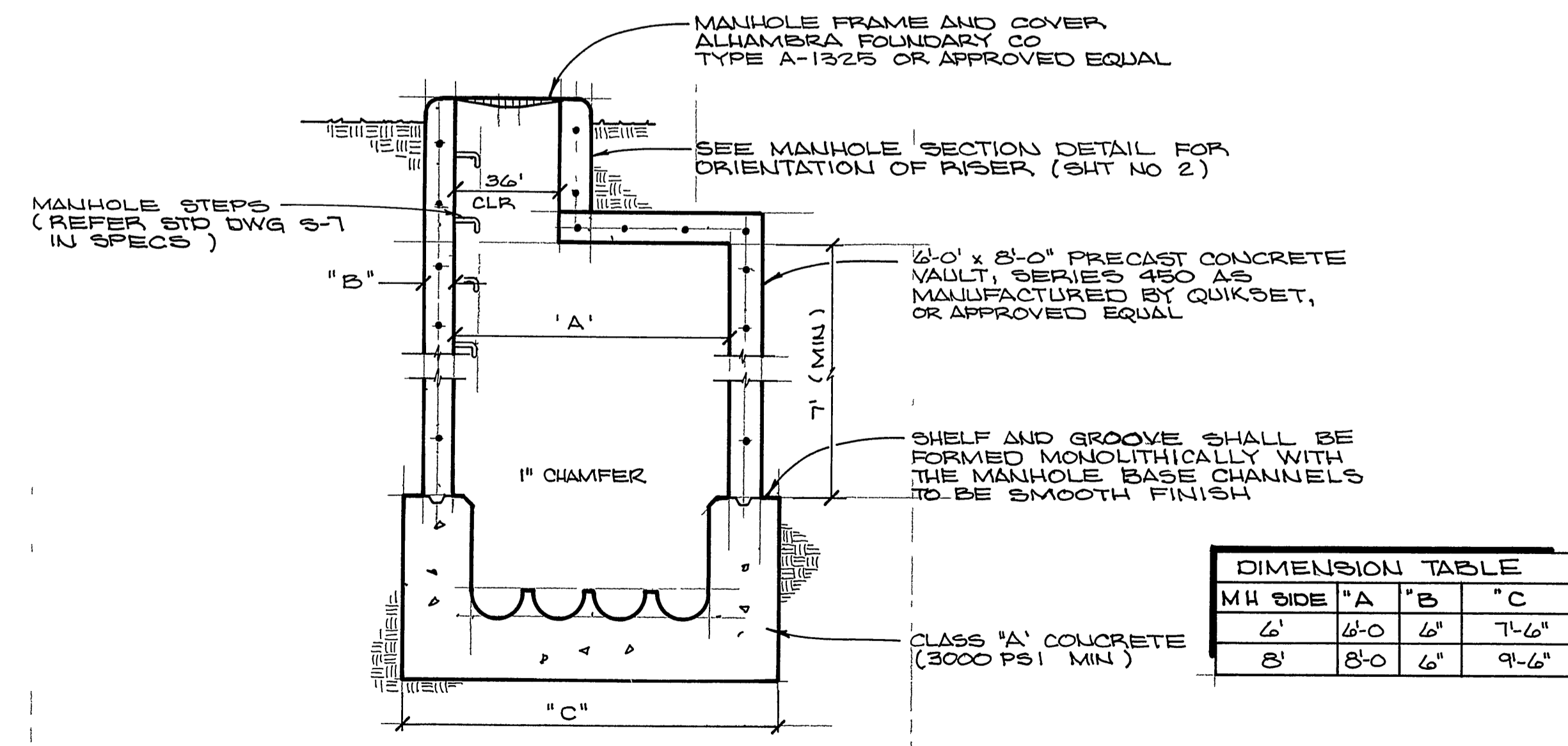
SCALE  
HORIZ 1" = 50'  
VERT 1" = 5'



- NOTES**
- 1 ALL REBARS SHALL BE FABRICATED AND PLACED IN POSITION PER ACI SPECIFICATIONS
  - 2 PROVIDE FLEXIBLE JOINTS AT EACH END OF CONCRETE ENCASEMENT, WITHIN 12" FROM EACH END
  - 3 CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PREVENT PIPE FROM FLOTATION

**REINFORCED CONCRETE ENCASEMENT DETAIL**

NTS

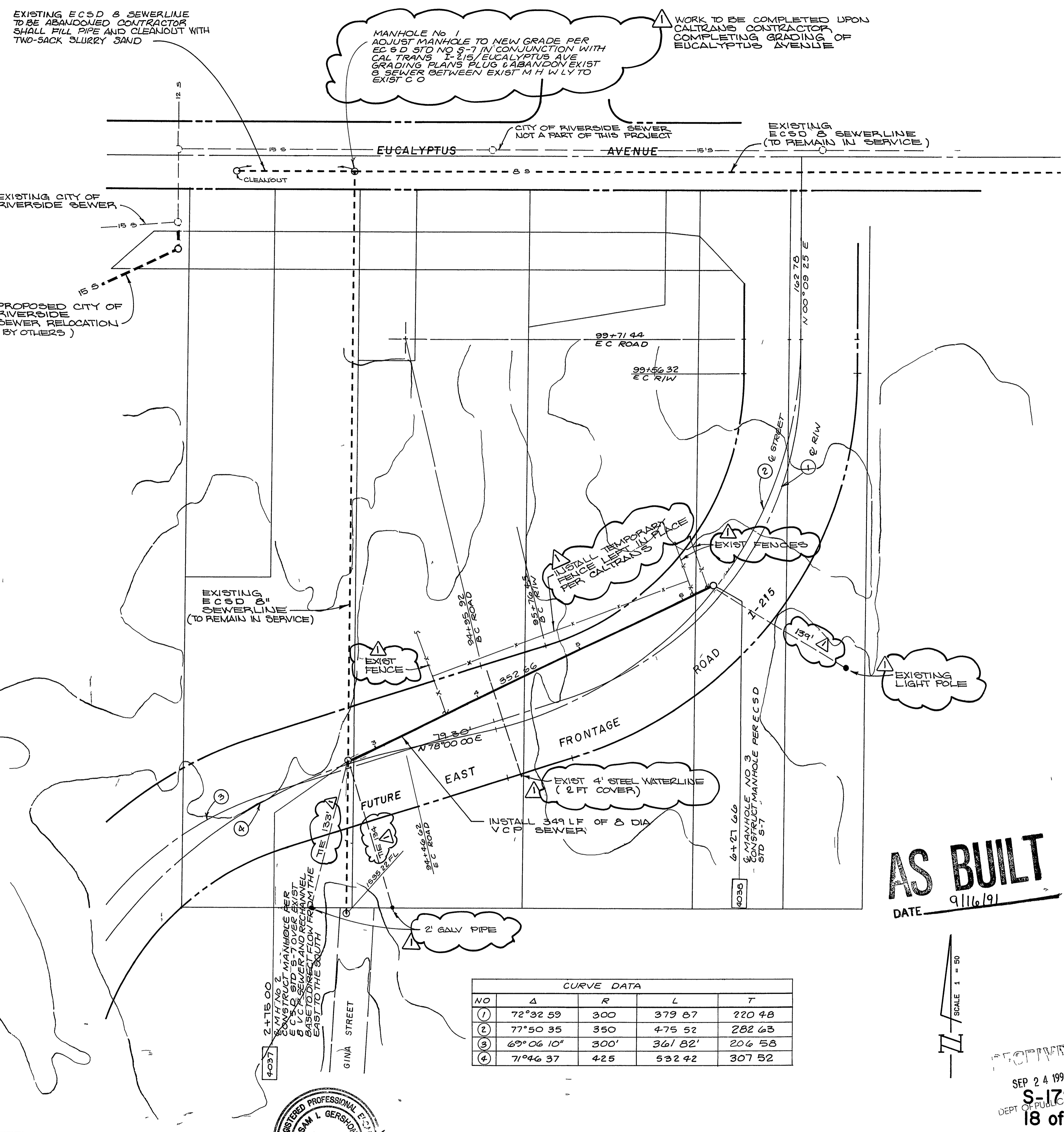


**NOTE**  
ALL CONSTRUCTION FOR THE SPECIAL MANHOLE SHALL BE IN CONFORMANCE WITH ECSD STD DWG NO S-7 UNLESS OTHERWISE MODIFIED HEREON OR APPROVED BY THE DISTRICT

**SPECIAL MANHOLE DETAIL**

NTS

**Underground Service Alert**  
Call TOLL FREE  
1 800 422 4133  
TWO WORKING DAYS BEFORE YOU DIG



EXISTING ECSD & SEWERLINE TO BE ABANDONED CONTRACTOR SHALL FILL PIPE AND CLEANOUT WITH TWO-SACK SLURRY SAND

MANHOLE NO. 1 ADJUST MAINHOLE TO NEW GRADE PER EC SD STD NO S-7 IN CONJUNCTION WITH CAL TRANS I-215/EUCALYPTUS AVE GRADING PLANS PLUS ABANDON EXIST 3 SEWER BETWEEN EXIST M.H. W/LY TO EXIST C.O.

WORK TO BE COMPLETED UPON CALTRANS CONTRACTOR COMPLETING GRADING OF EUCALYPTUS AVENUE

**CURVE DATA**

NO	Δ	R	L	T
①	72°32'59"	300'	379.67'	220.48'
②	77°50'35"	350'	475.52'	282.63'
③	69°06'10"	300'	361.82'	206.58'
④	71°46'37"	425'	532.42'	307.52'

**AS BUILT**  
DATE 9/16/91

SCALE 1" = 50'

<b>REVISIONS</b>	<b>MADE BY</b>	<b>APPR BY</b>	<b>APPROVED BY</b>	<b>ALBERT A WEBB ASSOCIATES</b>	<b>EDGEMONT COMMUNITY SERVICES DISTRICT</b>	<b>SHEET</b>
1	S-21	"AS-BUILT"	[Signature]	CIVIL ENGINEERS 3788 MCCRAY STREET RIVERSIDE CALIFORNIA 724 686-1070	RIVERSIDE COUNTY CALIFORNIA EUCALYPTUS / I - 215 SEWER RELOCATION PROJECT	3
			<b>DATE</b> 20.1.1991	REGISTERED CIVIL ENGINEER NO. 14489	W O 87-293 FOR ECSD FB	OF 3 SHEETS FILE NO 87-293
			<b>APPROVED BY</b>	SCALE AS SHOWN DRAWN BY R.L.P. DESIGNED BY T.W. CHECKED BY W.T.M.	SEE TITLE SHEET	

SEP 24 1999  
S-1724  
DEPT OF PUBLIC  
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