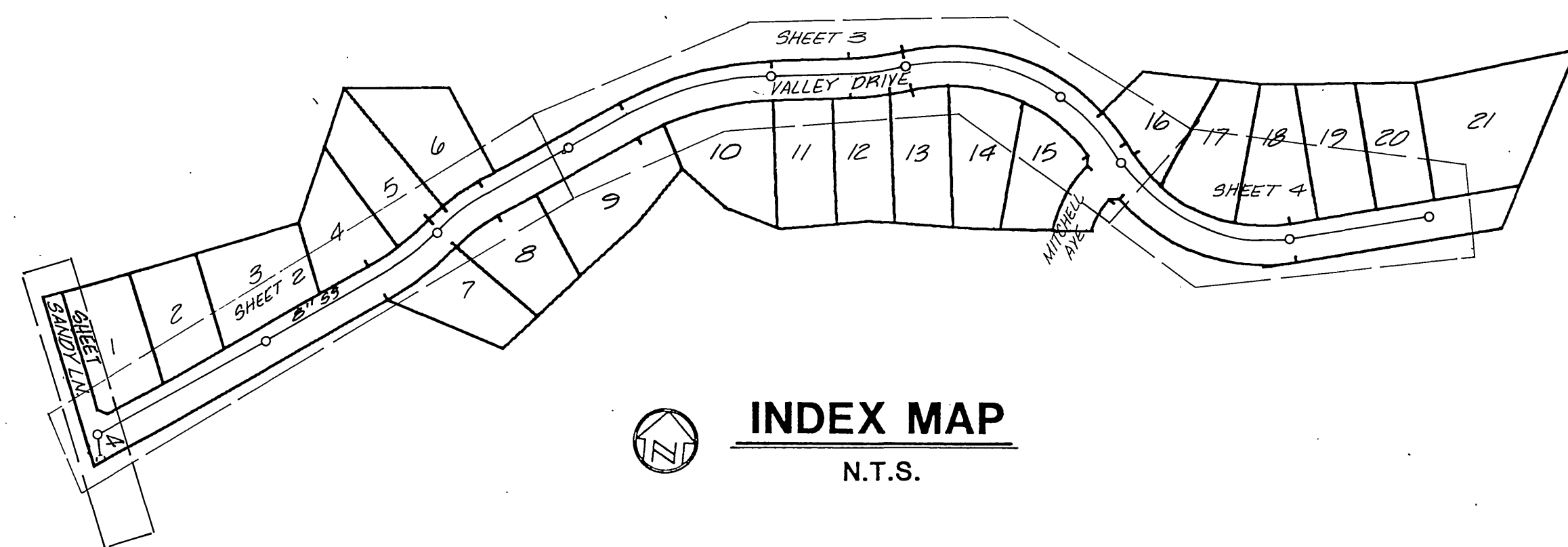
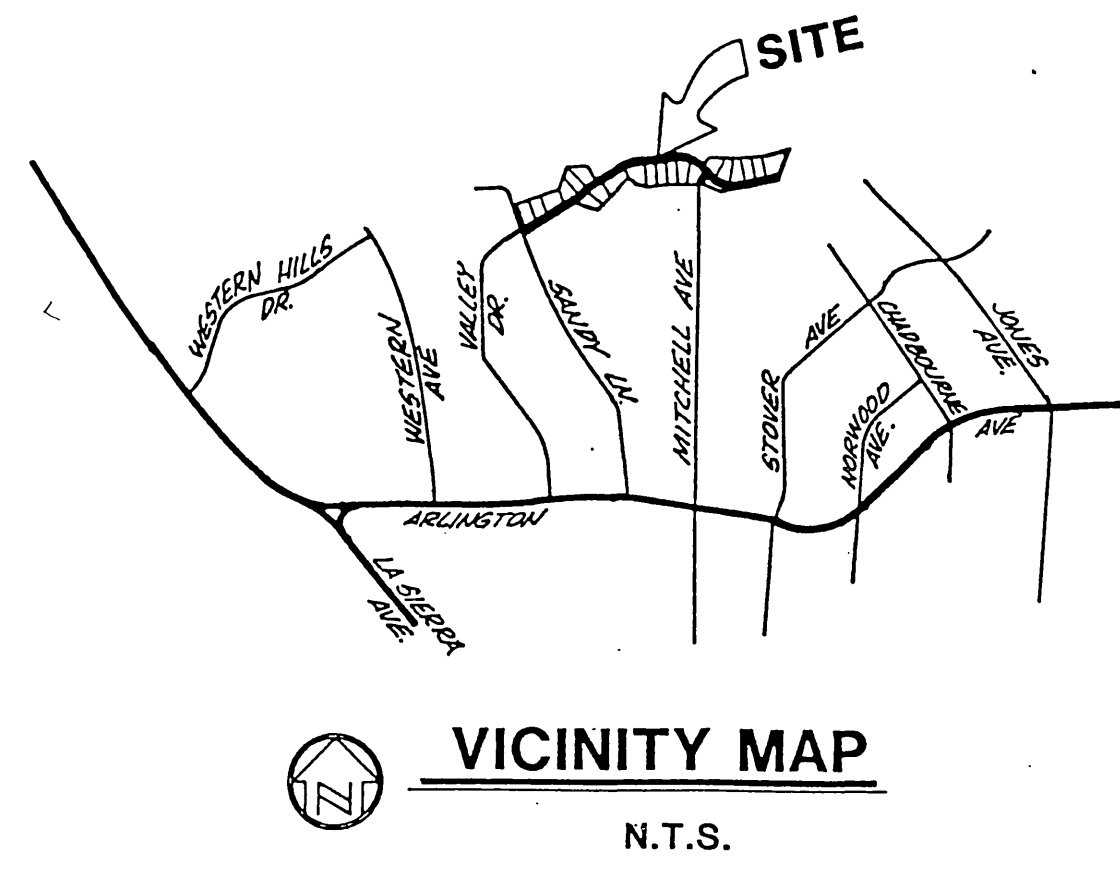


**BENCH MARK:**  
P.K. MAIL IN N.W. CURB RETURN AT  
ARLINGTON AVENUE AND SANDY LANE,  
PER PRECISE S.M. BOOK 8M 62-T  
ELEV. = 812.930

# SEWER IMPROVEMENT PLANS

## TRACT NO. 21809



**GENERAL NOTES:**

- Contractor is to verify existing sewer elevation prior to construction.
- Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
- No finished floor elevations shall be less than 4' above the sewer flow line at point of connection without having a proper backwater valve installed in the lateral.
- A plug shall be installed and will remain in place where the new sewer connects with the existing sewer until the new sewer is accepted by the City.
- The sewer contractor shall adjust manholes to final grade after paving is completed.
- It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of law as it affects each utility including irrigation lines as appurtenances and at no cost to the City.
- Construction shall be in accordance with the City of Riverside Department of Public Works, Standard Drawings, Standard Drawing No. 10 and the Standard Specifications for Public Works Construction, current edition.
- The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private engineer shall be responsible for determining an acceptable solution and revise the plans for approval by the City. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
- The developer shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
- All flagged elevations shall be staked in the field by the private engineer.
- Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
- On all areas within the public right of way where the fill is one (1) foot or greater, a letter will be required from the soils engineer, certifying the compaction construction permit/out sheets.
- The contractor shall call in a location request to underground service alert (USA), phone no. 1-800-422-4133, two working days before digging. No construction permit will be issued by the Public Works Department involving excavation for underground facilities unless the applicant has been provided an enquiry identification number by USA.

**CONSTRUCTION NOTES:**

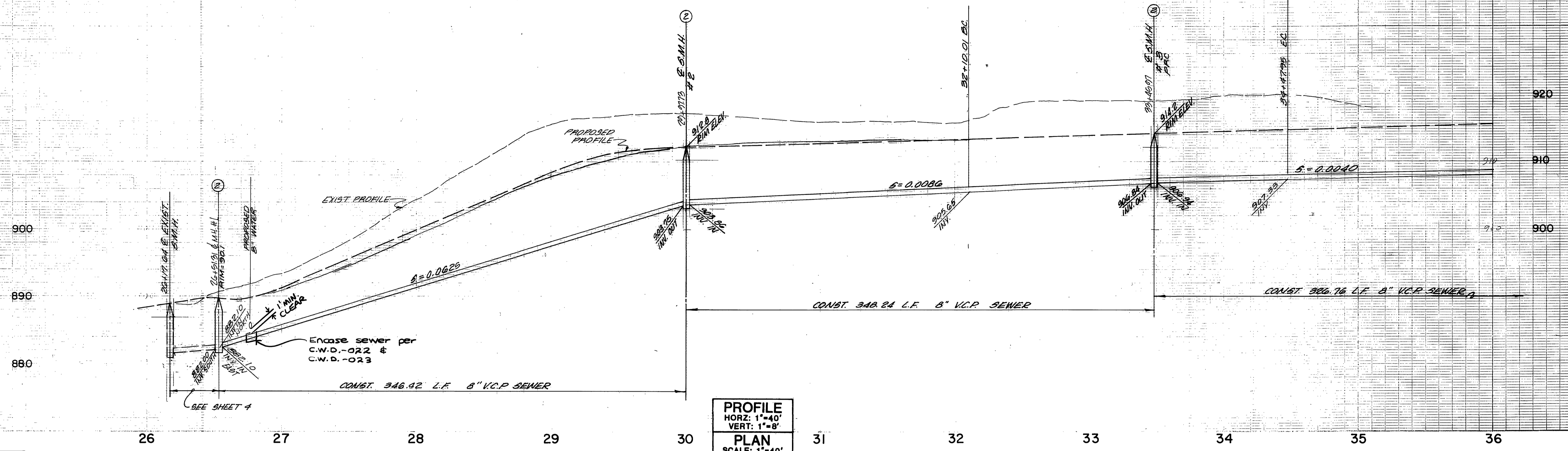
- ① CONST. 8" V.C.P SEWER LINE..... L.F.
- ② CONST. SEWER MANHOLE PER CITY STD. NO 500..... EA.
- ③ CONST. 4" SEWER LATERAL PER CITY STD. NO 562..... L.F.



PACIFIC BELL APPROVED BY: <i>[Signature]</i> DATE: 7-6-87		CITY OF RIVERSIDE WATER DEPT. APPROVED BY: _____ DATE: _____		SOUTHERN CALIFORNIA GAS COMPANY APPROVED BY: <i>[Signature]</i> DATE: 7-6-87		CITY OF RIVERSIDE ELECTRICAL DEPT. APPROVED BY: <i>[Signature]</i> DATE: 7/7/87		ADKAN ENGINEERS 8845 AIRPORT DRIVE - SUITE 302 RIVERSIDE, CALIFORNIA 92504 TELEPHONE: (714) 948-0241 DESIGNED BY: EA. DRAWN BY: EMU. CHECKED BY: JBR		CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: _____ DATE: _____ TRAFFIC DIVISION CHIEF P.W. ENGINEER: _____ DATE: 8-7-87		SEWER IMPROVEMENT PLANS TRACT NO. 21809 SHEET 1 OF 4 HORIZ. SCALE: _____		ACCOUNT NO. S-1466 J.N. 2852	
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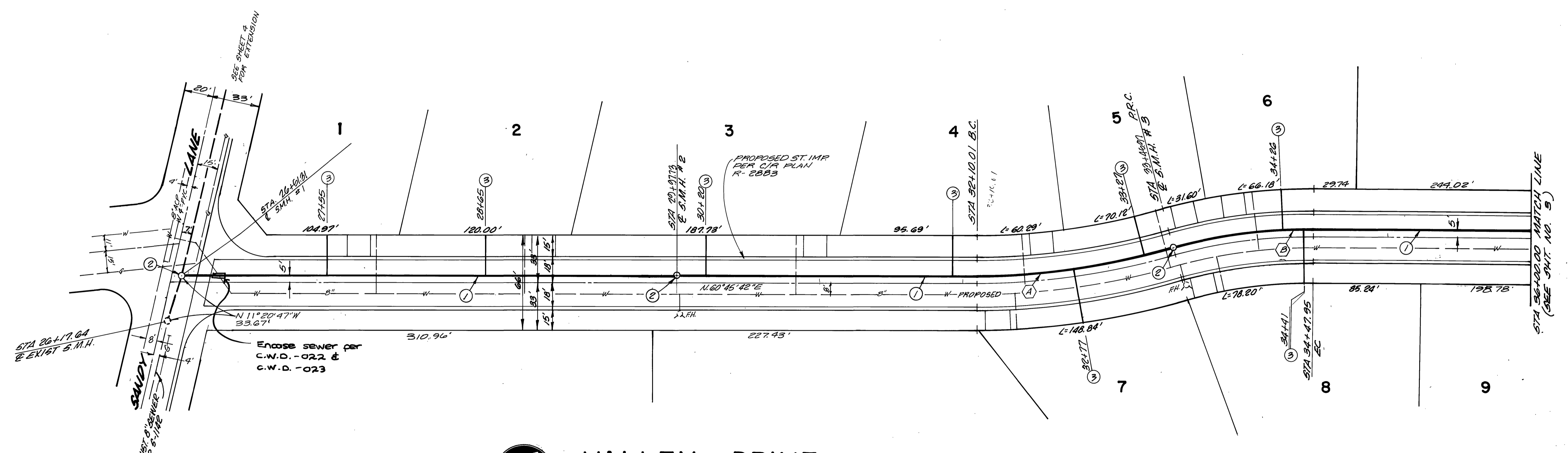
INDEXED 4-15-88 LTH

**BENCH MARK:**  
 P. K. NAIL IN N.W. CURB RETURN AT  
 ARLINGTON AVENUE AND SANDY LANE,  
 PER PRECISE B.M. BOOK BM 62-7  
 ELEV. = 812.930



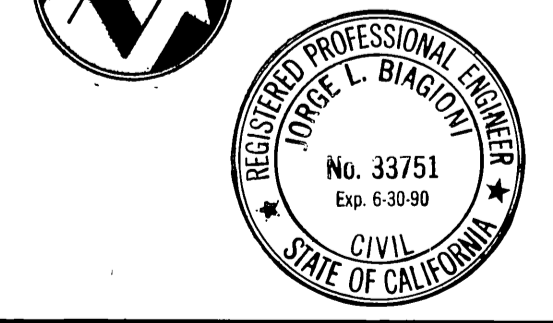
\*NOTE: EXIST. ELEVATION  
 TO BE VERIFIED IN FIELD  
 PRIOR TO CONTRACTOR  
 COMMENCING WITH  
 UPSTREAM SEWER

CURVE DATA				
Δ	R	L	T	
A	16°00'00"	495.00'	138.23'	89.57'
B	16°44'18"	341.31'	99.71'	50.21'



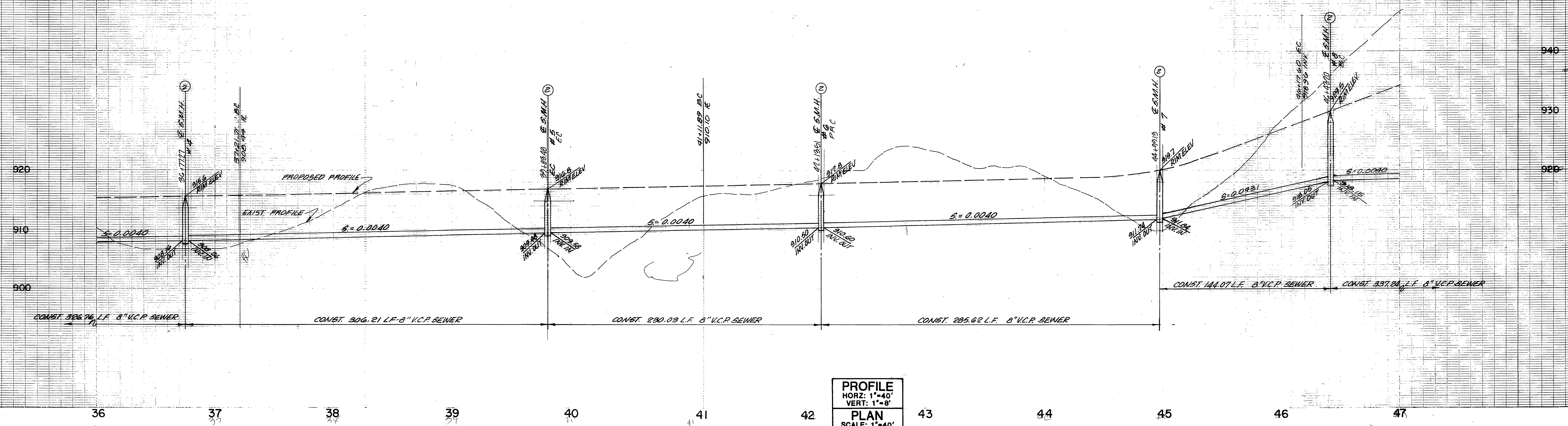
- CONSTRUCTION NOTES:**
- ① - CONST. 8" V.C.P SEWER LINE
  - ② - CONST. SEWER MANHOLE PER CITY STD. NO 500.
  - ③ - CONST. 4" SEWER LATERAL PER CITY STD. NO 562.

**VALLEY DRIVE**



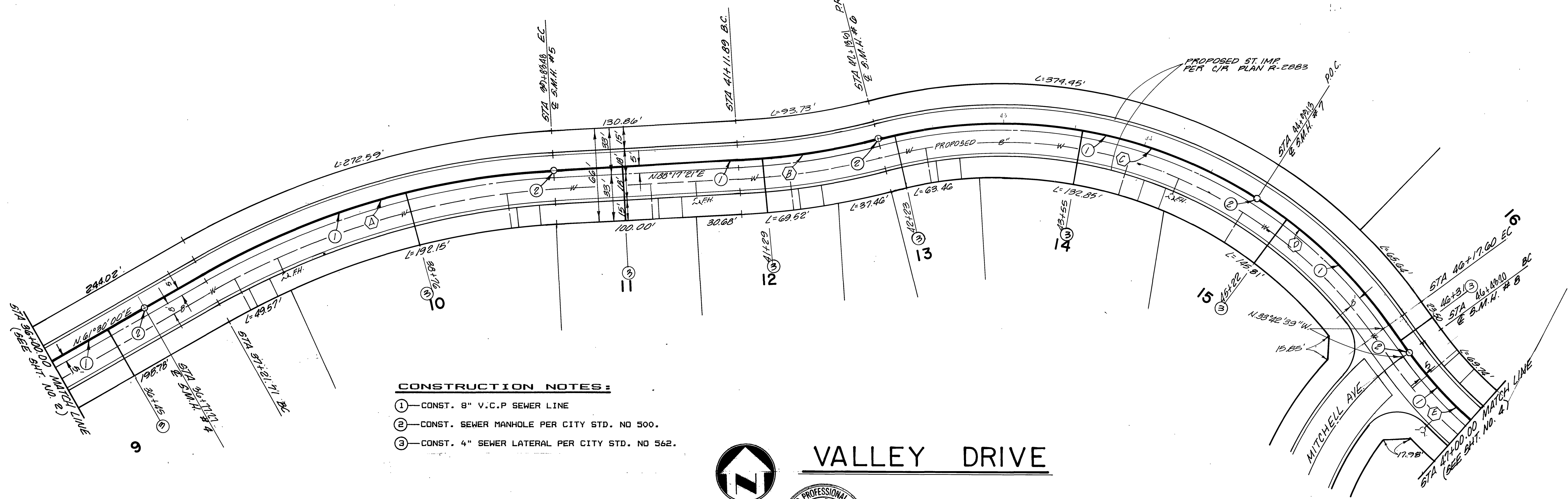
PACIFIC BELL APPROVED BY: <i>[Signature]</i> DATE: 7-6-87	CITY OF RIVERSIDE WATER DEPT. APPROVED BY: <i>[Signature]</i> DATE: 7/2/87	SOUTHERN CALIFORNIA GAS COMPANY APPROVED BY: <i>[Signature]</i> DATE: 7-6-87	<b>ADKAN ENGINEERS</b> civil engineering • planning • surveying 8889 AIRPORT DRIVE - SUITE 302 RIVERSIDE, CALIFORNIA 92504 TELEPHONE (951) 509-0241 FAX (951) 509-0242 JORGE BIAGIOTTI P.E. NO. 33751 DATE: 6-5-87	<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> DATE: 7-2-87 PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER: <i>[Signature]</i> DATE: 8-7-87	SEWER IMPROVEMENT PLANS <b>TRACT NO. 21809</b> <b>VALLEY DRIVE</b> STA 26+17.64 TO STA 36+00.00 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8' INDEXED 4-15-88 411	ACCOUNT NO. S-1466 SHEET <b>2</b> OF 4 JUN 28 1987

**BENCH MARK:**  
 P.K. NAIL IN N.W. CURB RETURN AT  
 ARLINGTON AVENUE AND BANDY LANE,  
 PER PRECISE B.M. BOOK DM 62-T  
 ELEV. = 812.930



**PROFILE**  
 HORZ: 1"=40'  
 VERT: 1"=8'  
**PLAN**  
 SCALE: 1"=40'

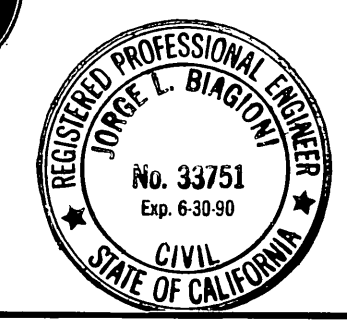
CURVE DATA				
Station	Δ	R	L	T
A	26°47'20"	595.00'	259.49'	132.16'
B	11°30'00"	495.00'	99.95'	49.04'
C	48°51'00"	395.00'	285.62'	152.14'
D	20°39'00"	395.00'	120.74'	61.03'
E	65°30'00"	295.00'	337.24'	129.75'



- CONSTRUCTION NOTES:**
- ①—CONST. 8" V.C.P SEWER LINE
  - ②—CONST. SEWER MANHOLE PER CITY STD. NO 500.
  - ③—CONST. 4" SEWER LATERAL PER CITY STD. NO 562.



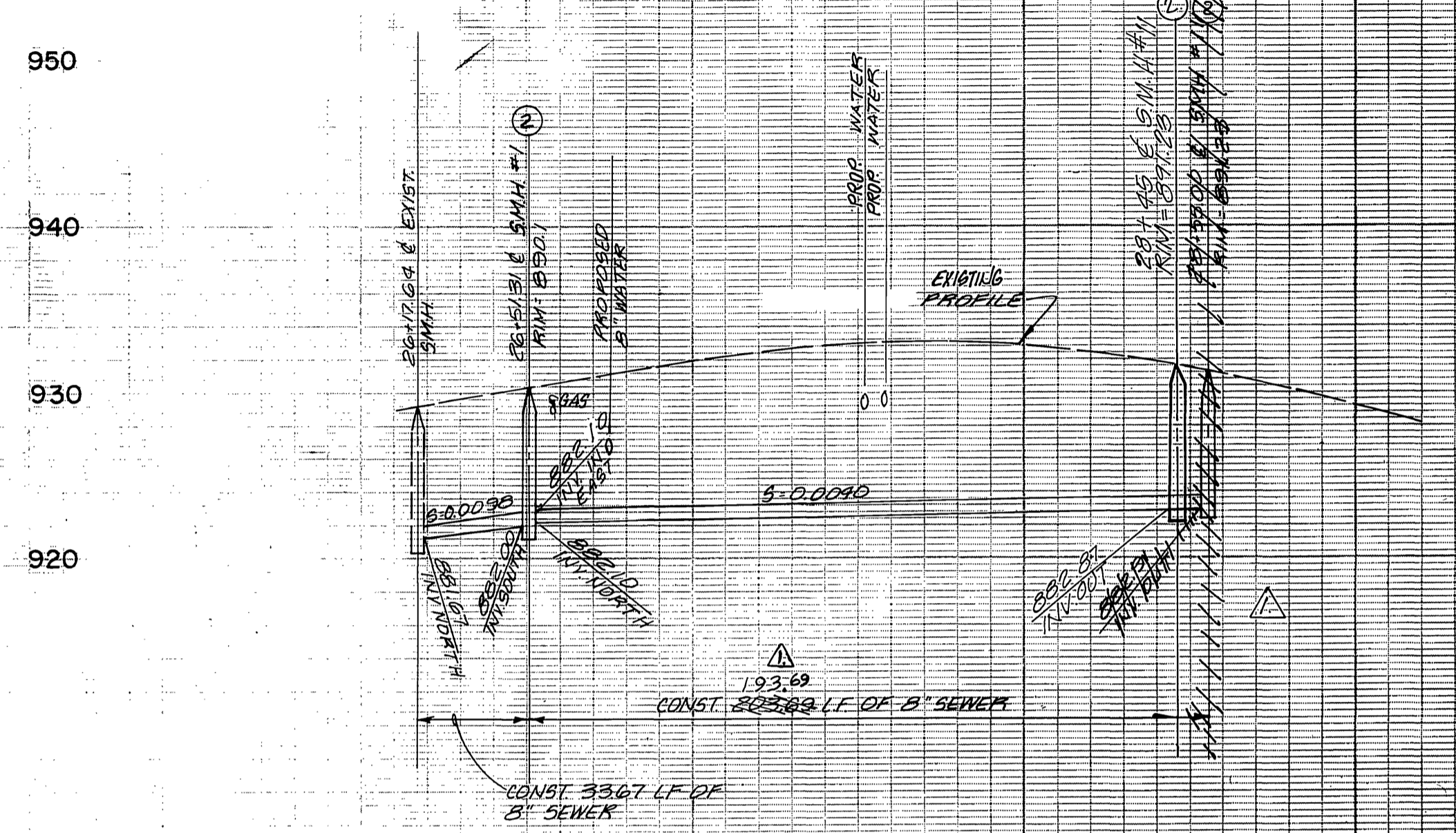
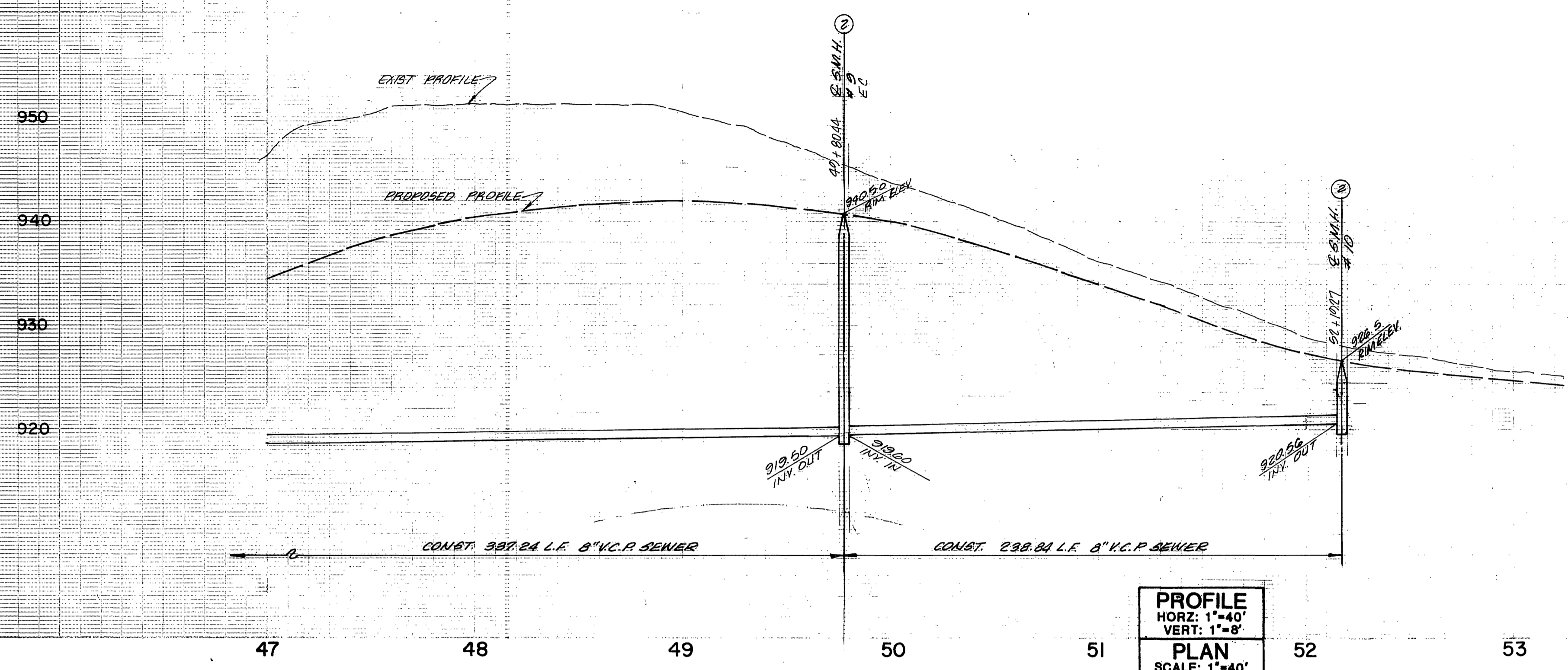
**VALLEY DRIVE**



PACIFIC BELL APPROVED BY: <i>J.F. Demant</i> DATE: 7.6.87		CITY OF RIVERSIDE WATER DEPT. APPROVED BY: <i>Carl Wemgartner</i> DATE: 7/2/87		SOUTHERN CALIFORNIA GAS COMPANY APPROVED BY: <i>E.P. Panko</i> DATE: 7-6-87		CITY OF RIVERSIDE ELECTRICAL DEPT. APPROVED BY: <i>[Signature]</i> DATE: 7/1/87		<b>ADKAN ENGINEERS</b> civil engineering • planning • surveying 6889 AIRPORT DRIVE — SUITE 302 RIVERSIDE, CALIFORNIA 92504 TELEPHONE (714) 948-0241 DESIGNED BY: <i>EA</i> DRAWN BY: <i>SMU</i> CHECKED BY: <i>MB</i> DATE: 6-5-87		<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> DATE: 7-2-87 PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER DATE: <i>Nov. 9, 1988</i>		SEWER IMPROVEMENT PLANS <b>TRACT NO. 21809</b> <b>VALLEY DRIVE</b> STA 38+00.00 TO STA 47+00.00 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'		ACCOUNT NO. S-1466 SHEET <b>3</b> OF 4 J.N. 2058	
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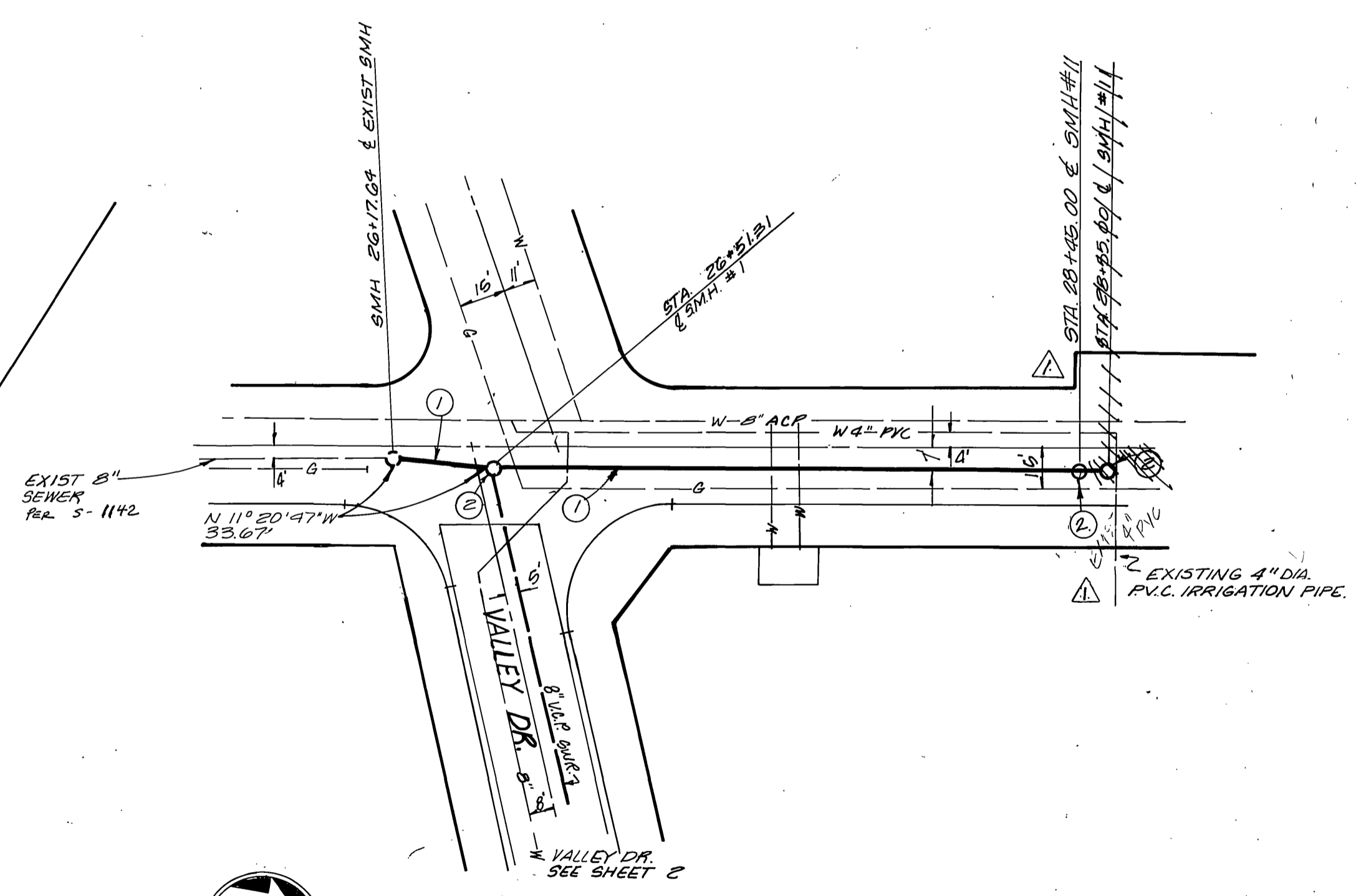
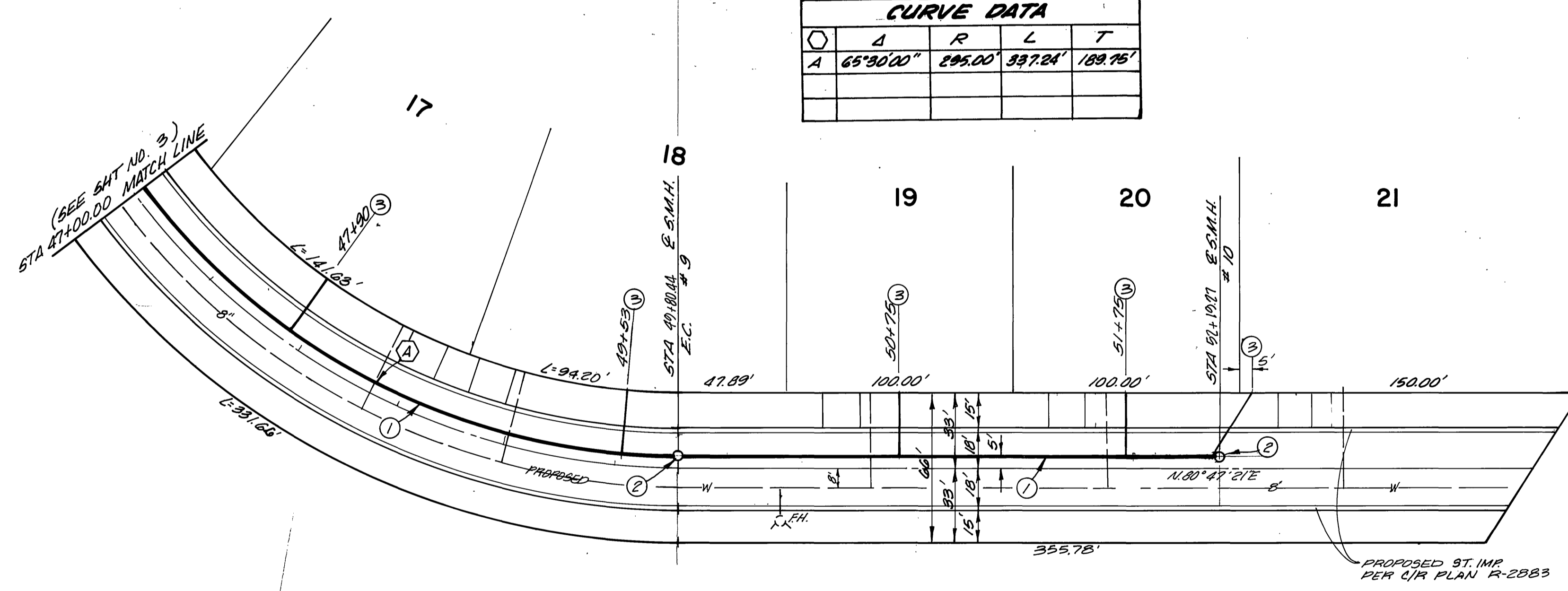
INDEXED 4-15-88 LF

**BENCH MARK:**  
 P.K. NAIL IN N.W. CURB RETURN AT  
 ARLINGTON AVENUE AND SANDY LANE,  
 PER PRECISE B.M. BOOK BM 62-7  
 ELEV. = 812.930



**PROFILE**  
 HORZ: 1"=40'  
 VERT: 1"=8'  
**PLAN**  
 SCALE: 1"=40'

CURVE DATA				
Station	A	R	L	T
17	65°30'00"	295.00'	337.24'	189.75'



- CONSTRUCTION NOTES:**
- ①—CONST. 8" V.C.P. SEWER LINE
  - ②—CONST. SEWER MANHOLE PER CITY STD. NO 500.
  - ③—CONST. 4" SEWER LATERAL PER CITY STD. NO 562.



**VALLEY DRIVE**



**SANDY LANE**

INDEXED 4-15-88 44

PACIFIC BELL Approved by: <i>F. Deane</i> DATE: 7-6-87	CITY OF RIVERSIDE WATER DEPT. Approved by: <i>Carl Wengert</i> DATE: 7/2/87	SOUTHERN CALIFORNIA GAS COMPANY Approved by: <i>E. P. Bruck</i> DATE: 7-6-87	CITY OF RIVERSIDE ELECTRICAL DEPT. Approved by: <i>[Signature]</i> DATE: 7/2/87	<b>ADKAN ENGINEERS</b> civil engineering • planning • surveying 8889 AIRPORT DRIVE - SUITE 302 RIVERSIDE, CALIFORNIA 92504 TELEPHONE (714) 938-0241 Approved by: <i>[Signature]</i> DATE: 6-5-87	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT Approved by: <i>[Signature]</i> DATE: 7-28-87 Chief P.W. Engineer: <i>[Signature]</i> DATE: 8-7-87	SEWER IMPROVEMENT PLANS <b>TRACT NO. 21809</b> <b>VALLEY DRIVE</b> STA 47+00.00 TO STA 52+17.01 HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=8'	ACCOUNT NO. <b>S-1486</b> SHEET <b>4</b> OF <b>4</b>