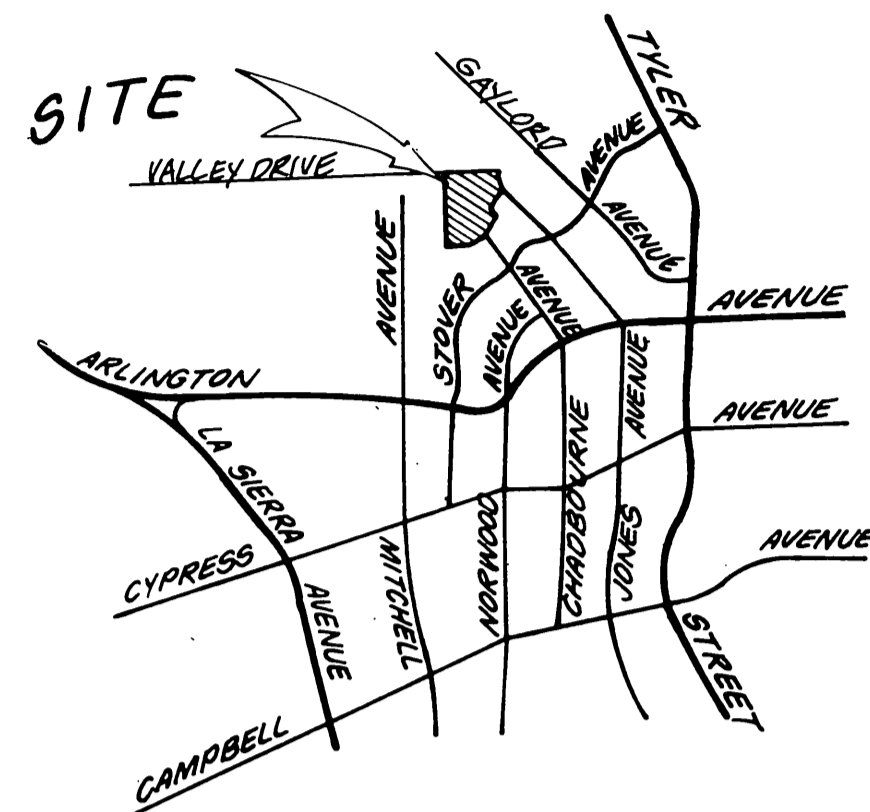
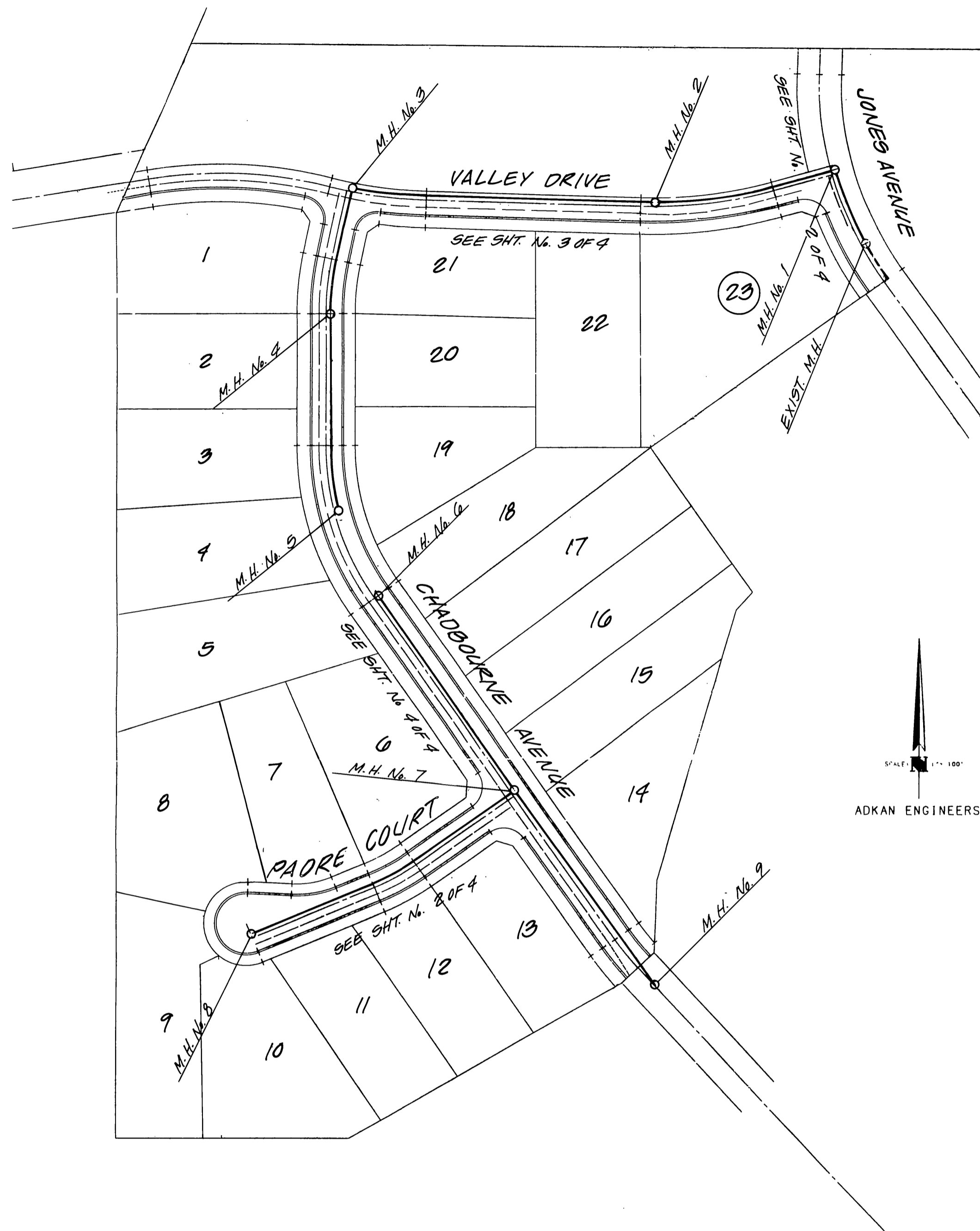


# SEWER IMPROVEMENT PLANS

TRACT NO. 23587



VICINITY MAP  
N.T.S.



INDEX MAP

## 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 proposal 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 and 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 revising the plans for approval by the City.
- 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.
- The contractor shall call in a location request to Underground Service Alert (USA), phone number 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 inquiry 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. \_\_\_\_\_



**ADKAN ENGINEERS**  
CIVIL ENGINEERING, PLANNING, LAND SURVEYING  
8830 AIRPORT DRIVE  
RIVERSIDE, CA 92504 (714) 688-0241  
WILLIAM E. SNELL R.C.E. No. 19452 DATE 10/21/89

**CITY OF RIVERSIDE**  
**PUBLIC WORKS DEPARTMENT**  
APPROVED BY: [Signature] DATE: 3/12/90 BY: [Signature]  
TRAFFIC DIVISION  
CHIEF P.W. ENGINEER DATE: 5/7/90

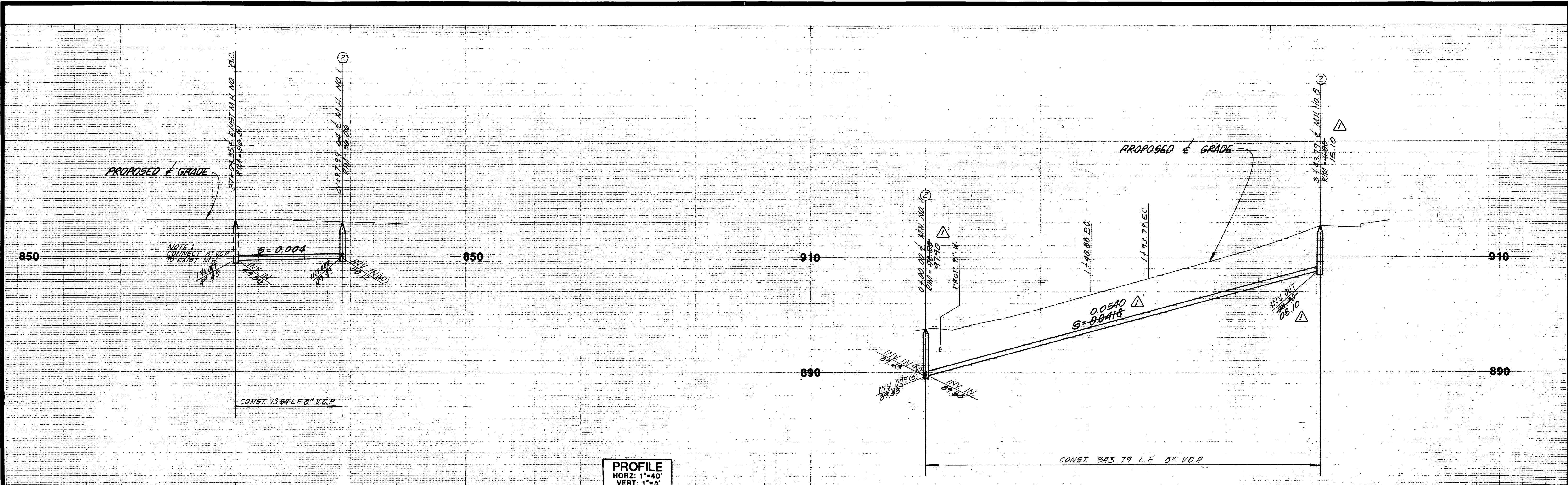
**SEWER IMPROVEMENT PLANS**  
TRACT NO. 23587  
**SEWER INDEX SHEET**

AS BUILT 12/28/95 RJM  
ACCOUNT NO. S-1568  
SHEET 1 OF 4  
DATE 5/7/90

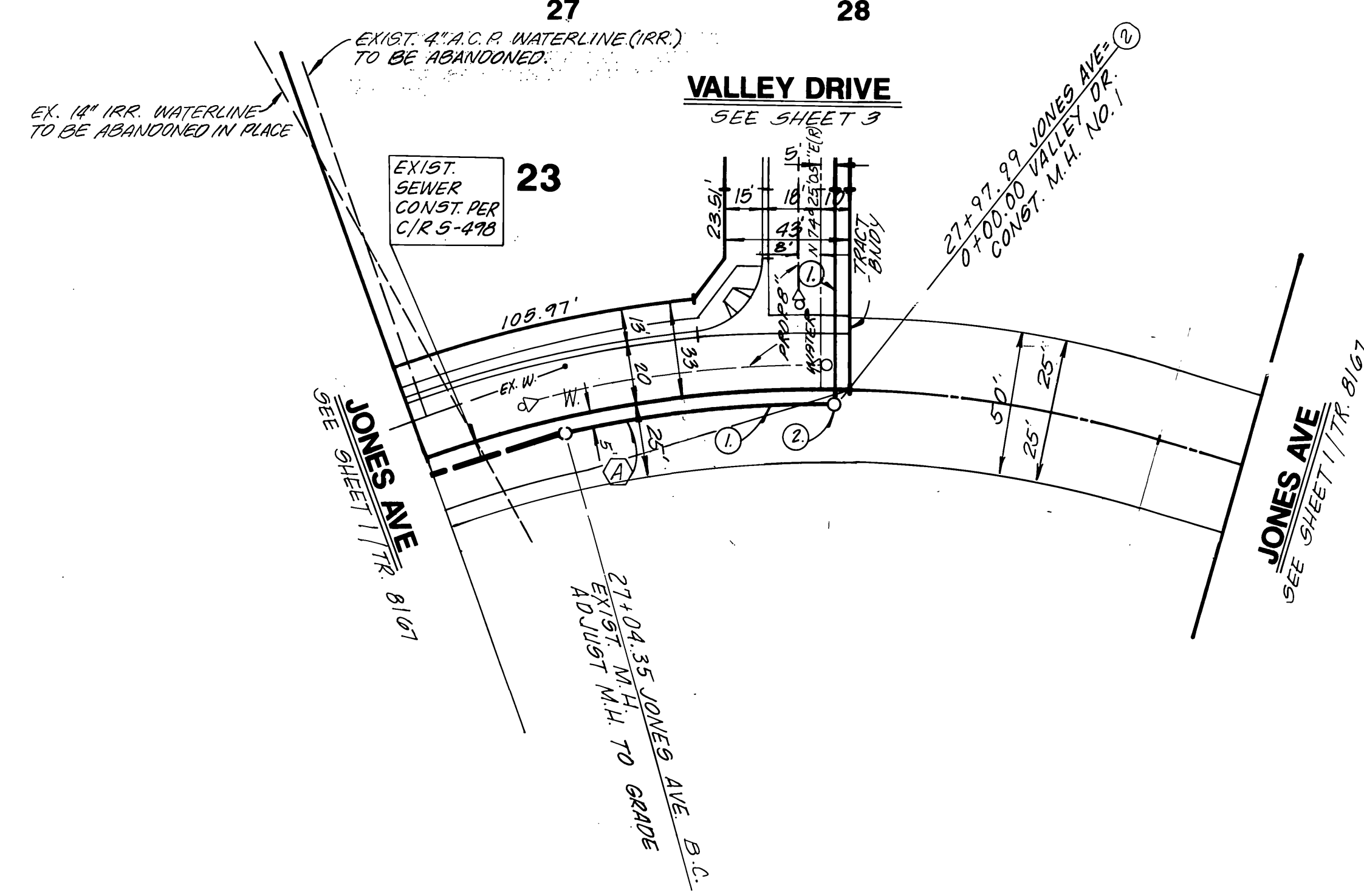
CITY OF RIVERSIDE WATER DEPT.  
APPROVED BY: [Signature] DATE: 2-6-90

MARK REVISIONS APPR. DATE  
DESIGNED BY: D.P. DRAWN BY: D.P. CHECKED BY: W.E.S.

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'  
INDEXED 7-19-90 6H



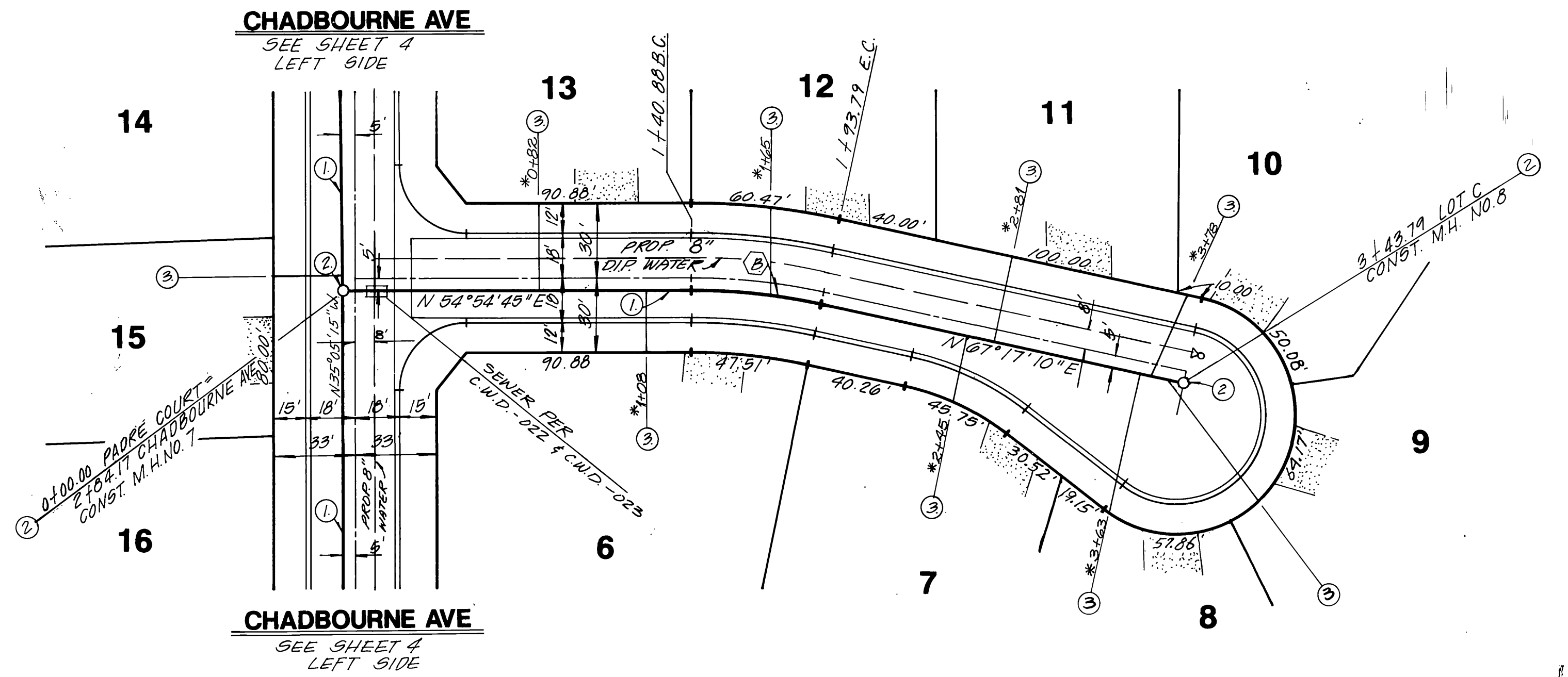
PROFILE  
 HORZ: 1"=40'  
 VERT: 1"=8'  
 PLAN  
 SCALE: 1"=40'



CURVE DATA				
Q	Δ	R	L	T
①	19°48'00"	375'	73.04'	68.93'
②	12°22'25"	249'	52.91'	26.56'

**CONSTRUCTION NOTES**

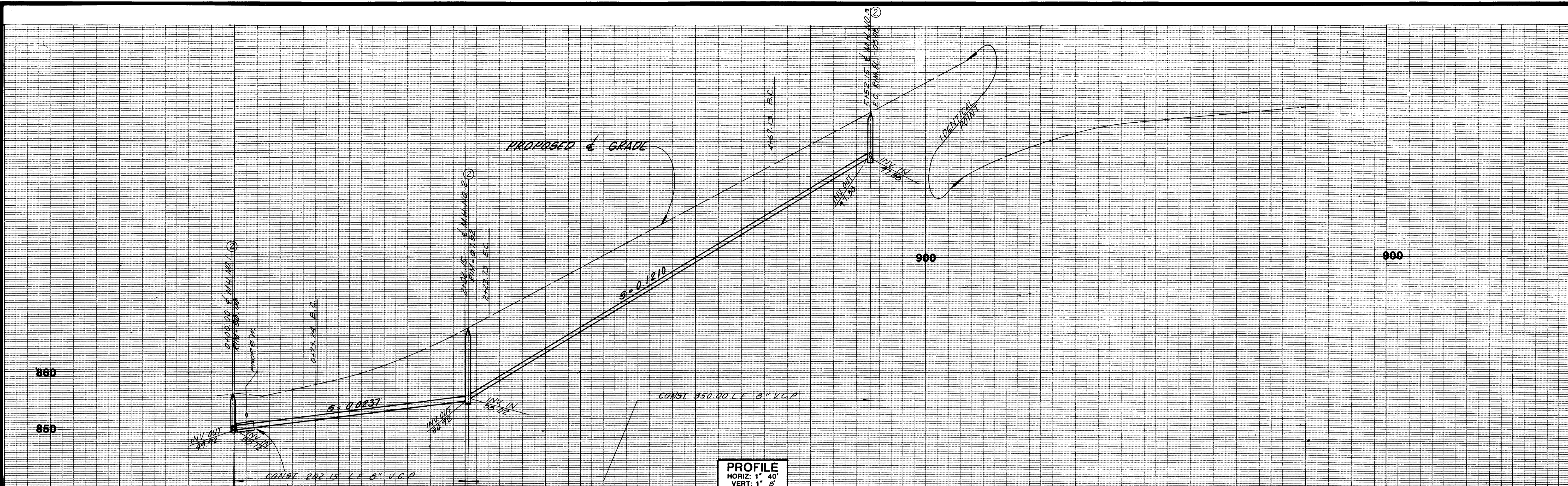
- ① - CONST. 8" V.C.P. SEWER LINE.....
- ② - CONST. SEWER MANHOLE PER CITY STD. NO. 500.....
- ③ - CONST. 4" SEWER LATERAL PER CITY STD. NO. 562.....



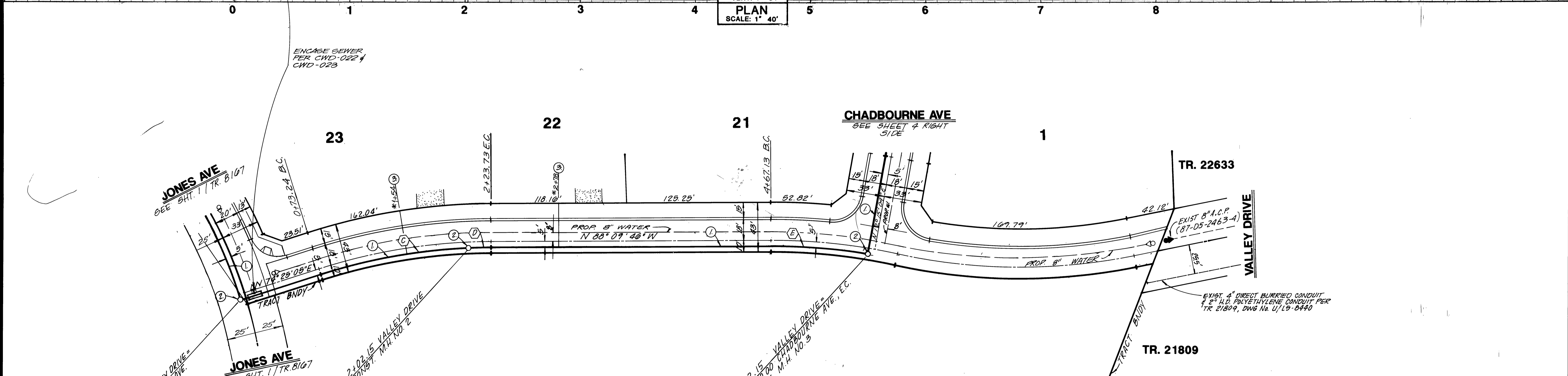
**JONES AVENUE**

**PAADRE COURT**

CITY OF RIVERSIDE WATER DEPT. Approved by: <i>Richard L. Deibel</i> DATE: 2-6-90		<b>ADKAN ENGINEERS</b> CIVIL ENGINEERING, PLANNING, LAND SURVEYING 9830 AIRPORT DRIVE, RIVERSIDE, CA 92504 Approved by: <i>William E. Snell</i> DATE: 10/21/89 WILLIAM E. SNELL R.C.E. No. 19452		<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT Approved by: <i>[Signature]</i> DATE: 5/7/90 Principal Engineer: <i>[Signature]</i> Park Department: <i>[Signature]</i> Traffic Division: <i>[Signature]</i> Chief P.W. Engineer: <i>[Signature]</i>		<b>SEWER IMPROVEMENT PLANS</b> TRACT NO. 23587 <b>JONES AVENUE</b> STA. 0+00 TO STA. 0+93.64 <b>PAADRE COURT</b> STA. 0+00 TO STA. 3+38.81 HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=8'		ACCOUNT NO. <b>S-1568</b> SHEET <b>2</b> OF <b>4</b> J.N. 331B
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**PROFILE**  
 HORIZ: 1" = 40'  
 VERT: 1" = 8'  
**PLAN**  
 SCALE: 1" = 40'

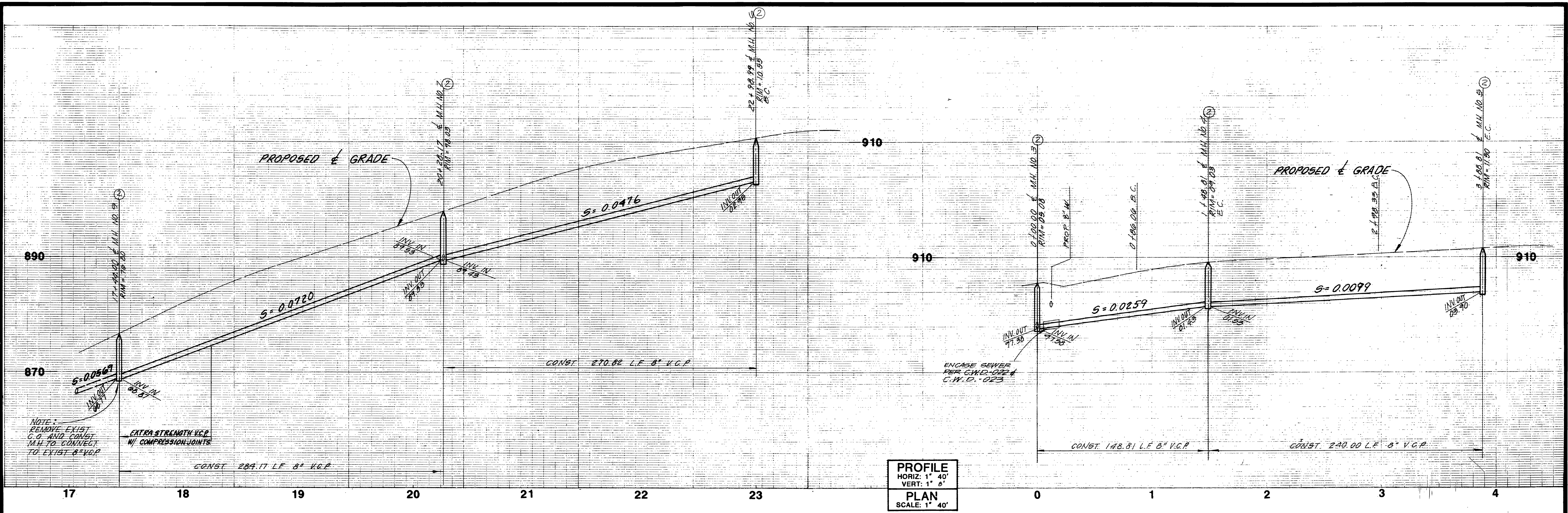


CURVE DATA				
Station	Δ	R	L	T
①	14°55'16"	475'	128.91'	64.82'
②	02°29'52"	475'	21.58'	10.79'
③	09°50'28"	475'	85.02'	42.61'

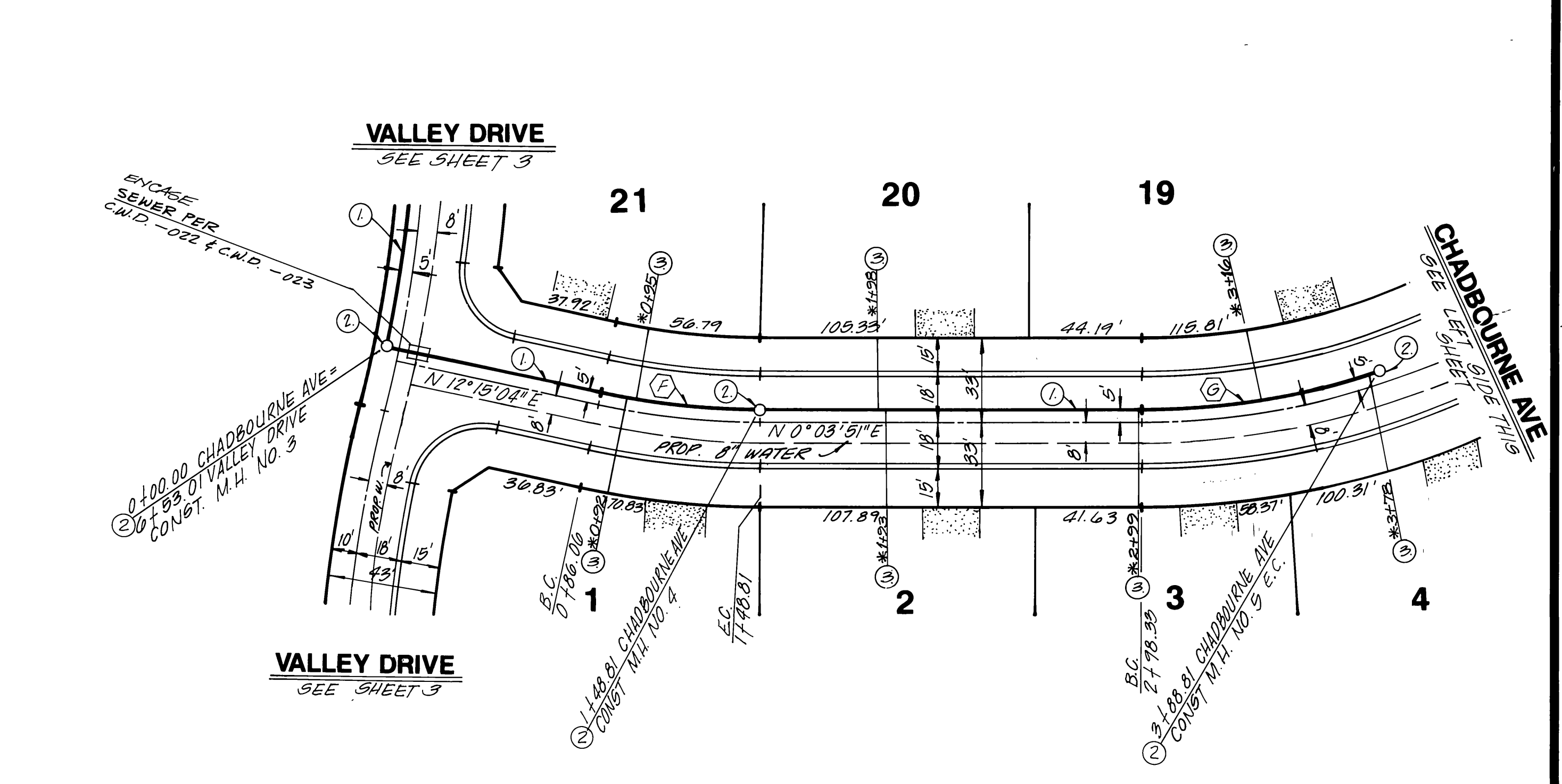
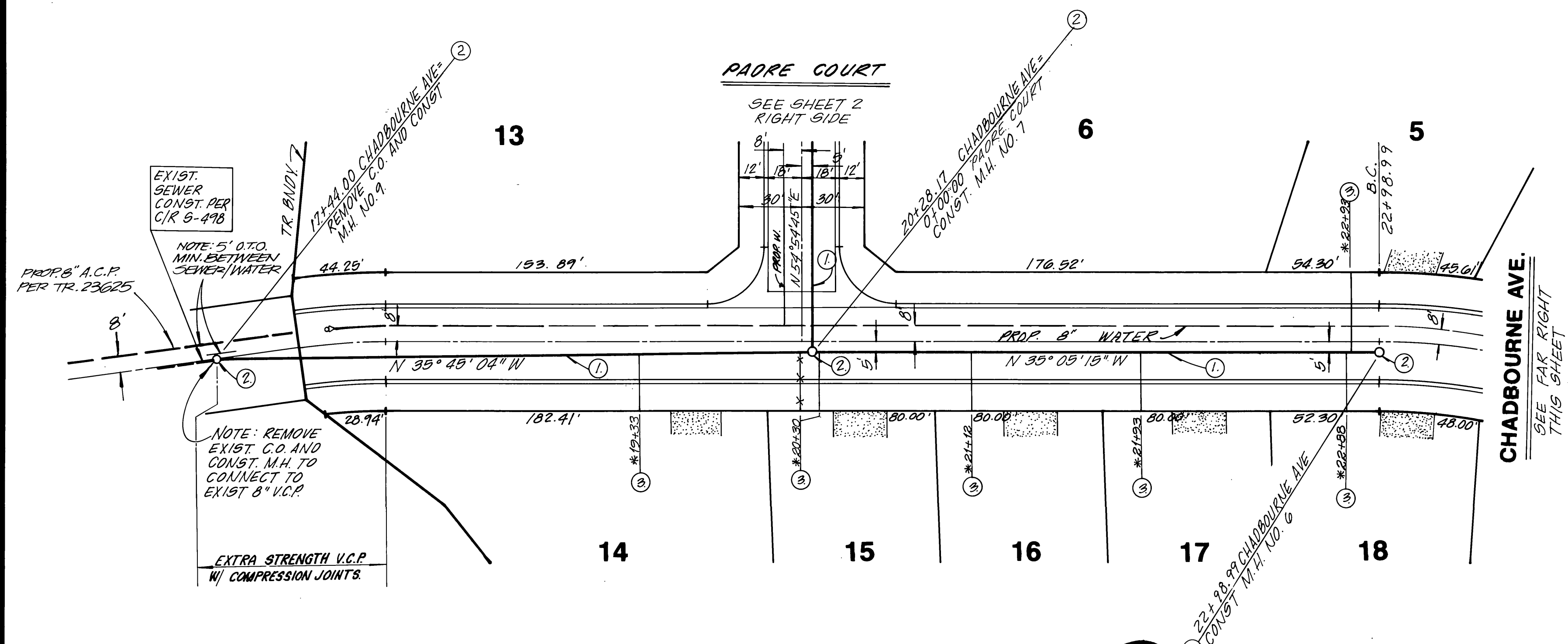
- CONSTRUCTION NOTES**
- ① — CONST. 8" V.C.P. SEWER LINE.....
  - ② — CONST. SEWER MANHOLE PER CITY STD. NO. 500.....
  - ③ — CONST. 4" SEWER LATERAL PER CITY STD. NO. 562.....



	<b>ADKAN ENGINEERS</b> CIVIL ENGINEERING, PLANNING, LAND SURVEYING 8630 AIRPORT DRIVE RIVERSIDE, CA 92504 (914) 888-0241 <i>William E. Snell</i> 10/3/89 WILLIAM E. SNELL R.C.E. No. 19452 DATE	<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> DATE: 5/7/90 PUBLIC WORKS DIRECTOR	<b>SEWER IMPROVEMENT PLANS</b> TRACT NO. 23587 <b>VALLEY DRIVE</b> STA. 0+98.48 TO STA. 6+53.01 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'	ACCOUNT NO. <b>S-1568</b> SHEET <b>3</b> OF <b>4</b> V.N. 3318 INDEXED 7-17-90 LHM
CITY OF RIVERSIDE WATER DEPT. APPROVED BY: <i>[Signature]</i> DATE: 2-6-90	DESIGNED BY: <i>[Signature]</i> DRAWN BY: <i>[Signature]</i> CHECKED BY: <i>[Signature]</i>			



PROFILE  
 HORIZ: 1" = 40'  
 VERT: 1" = 8'  
 PLAN  
 SCALE: 1" = 40'



**CHADBOURNE AVENUE**

**CHADBOURNE AVENUE**

**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.....

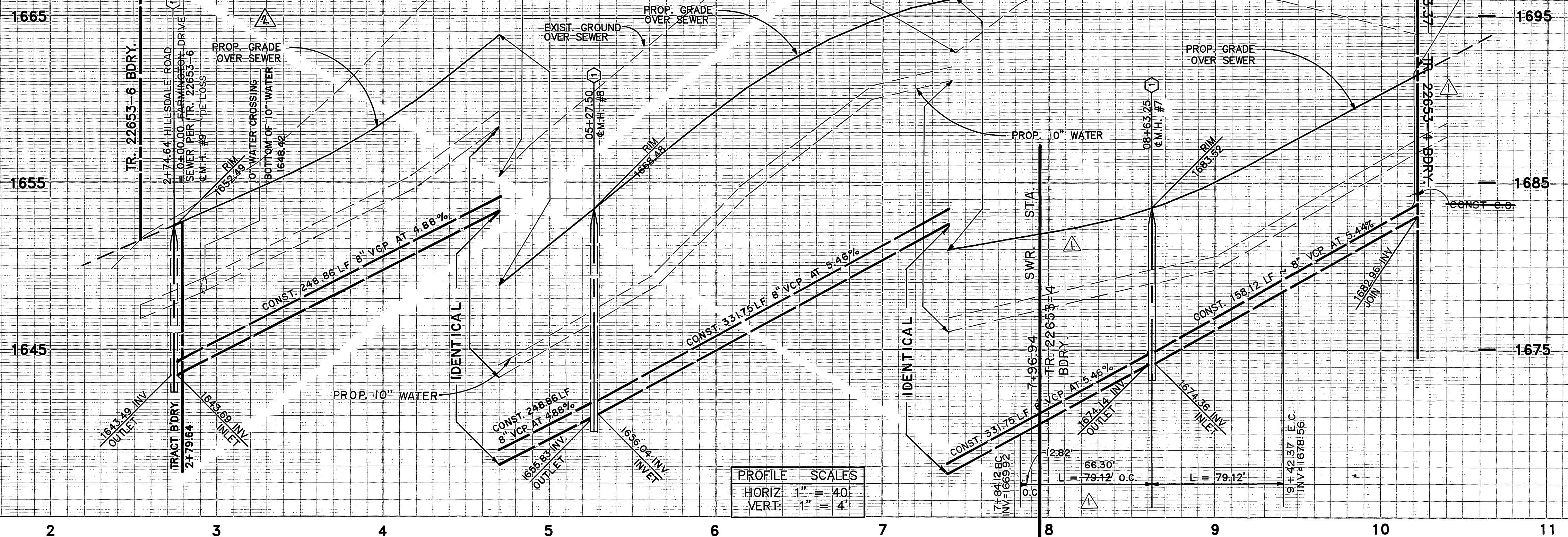
CURVE DATA				
Δ	R	L	T	
12° 11' 18"	290'	92.75'	31.49'	
35° 07' 06"	295'	70.48'	73.44'	



	<b>ADKAN ENGINEERS</b> CIVIL ENGINEERING, PLANNING, LAND SURVEYING 8830 AIRPORT DRIVE RIVERSIDE, CA 92504 (714) 888-0241 <i>William E. Snell</i> 10/31/89 WILLIAM E. SNELL R.C.E. No. 19452 DATE	<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> DATE: 5/7/90 PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER: 5-7-90 RAC 4/21/90 RAC	<b>SEWER IMPROVEMENT PLANS</b> TRACT NO 23587 <b>CHADBOURNE AVENUE</b> STA. 0+00 TO STA. 5+54.99 <b>CHADBOURNE AVENUE</b> STA. 0+00 TO STA. 3+88.81 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8' ACCOUNT NO. <b>S-1568</b> SHEET <b>4</b> OF <b>4</b> JAN 33/8	*AS BUILT 12/22/95 RUM INDEXED 7-17-90 YH
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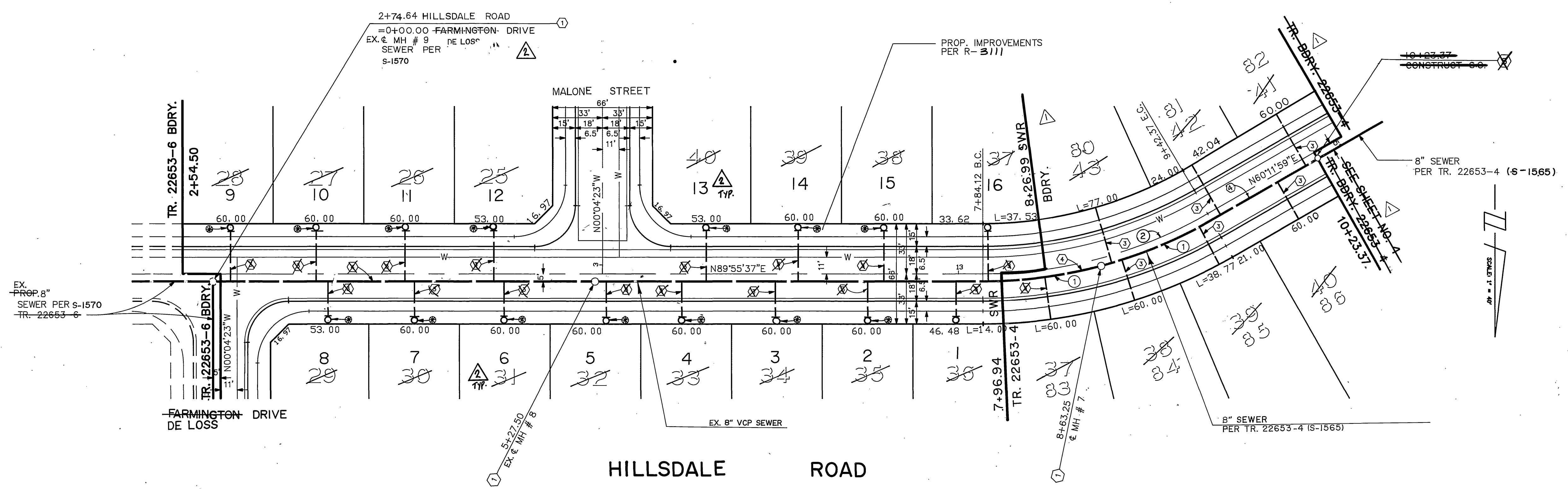
NOTE:  
CONTRACTOR SHALL VERIFY  
BOTH LOCATION & ELEVATION  
OF EXISTING FACILITIES

NOTE:  
ADJUST RIM  
ELEVATIONS TO  
PROPOSED FINISHED  
GRADE



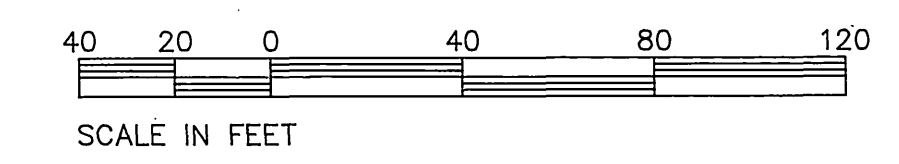
PROFILE SCALES

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



CURVE DATA

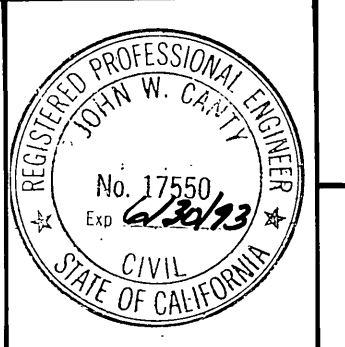
No.	Δ	R	L	T
①	14°51'49"	305.00'	79.12'	39.78'
②	29°43'38"	300.00'	155.65'	79.62'



SEE SHEET NO. 1 FOR GENERAL & CONSTRUCTION NOTES.

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

**PRIVATE ENGINEERING NOTE**  
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:  
*John W. County*  
REGISTERED CIVIL ENGINEER NO. 17550  
EXPIRATION DATE: 6-30-93 DATE: 7/12/89  
APPROVED BY:

**J.F. DAVIDSON ASSOCIATES, INC.**  
CIVIL ENGINEERS • SURVEYORS • PLANNERS  
P.O. BOX 493 11200 SO. MT. VERNON AVE. #D 73-090 EL PASO, #103  
RIVERSIDE, CA 92502 COLTON, CA 92324 PALM DESERT, CA 92260  
(714) 686-0844 (714) 825-1082 (619) 346-5691

SCALE: 1" = 40'  
DATE: JUNE 1989

BENCH MARK:  
V.B. 10-64 ELEV. 1700.670 DATE: 1971  
BRASS DISK, FLUSH & MARKED V.B. 10-64, 0.6 MI. E. ON VAN BUREN BLVD., FROM C. INT. OF VAN BUREN & WOOD RD., 205' N. OF VAN BUREN & THE N.E. SIDE OF GRANITE BOULDER, ON TOP OF 3'X15'X18' BOULDER.

**J.F.D. ASSOCIATES**

REVISOR: [Signature]  
REVISIONS: [Signature]  
APPR. DATE: [Signature]  
DESIGNED BY: GC DRAWN BY: MK CHECKED BY: JF

**CITY OF RIVERSIDE, CALIFORNIA**  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]  
PRINCIPAL ENGINEER  
TRAFFIC DIVISION  
CHIEF P.W. ENGR.

DATE: 3/9/90

**TRACT No. 22653-5**  
SEWER PLAN & PROFILE  
HILLSDALE ROAD  
STA. 2+74.64 TO STA. 10+23.37

FOR: Mc MILLIN

PROJECT NO. S-1569  
SHEET 5 OF 8  
FILE NO. 891168

INDEXED 5-10-90 LFT