

GENERAL NOTES

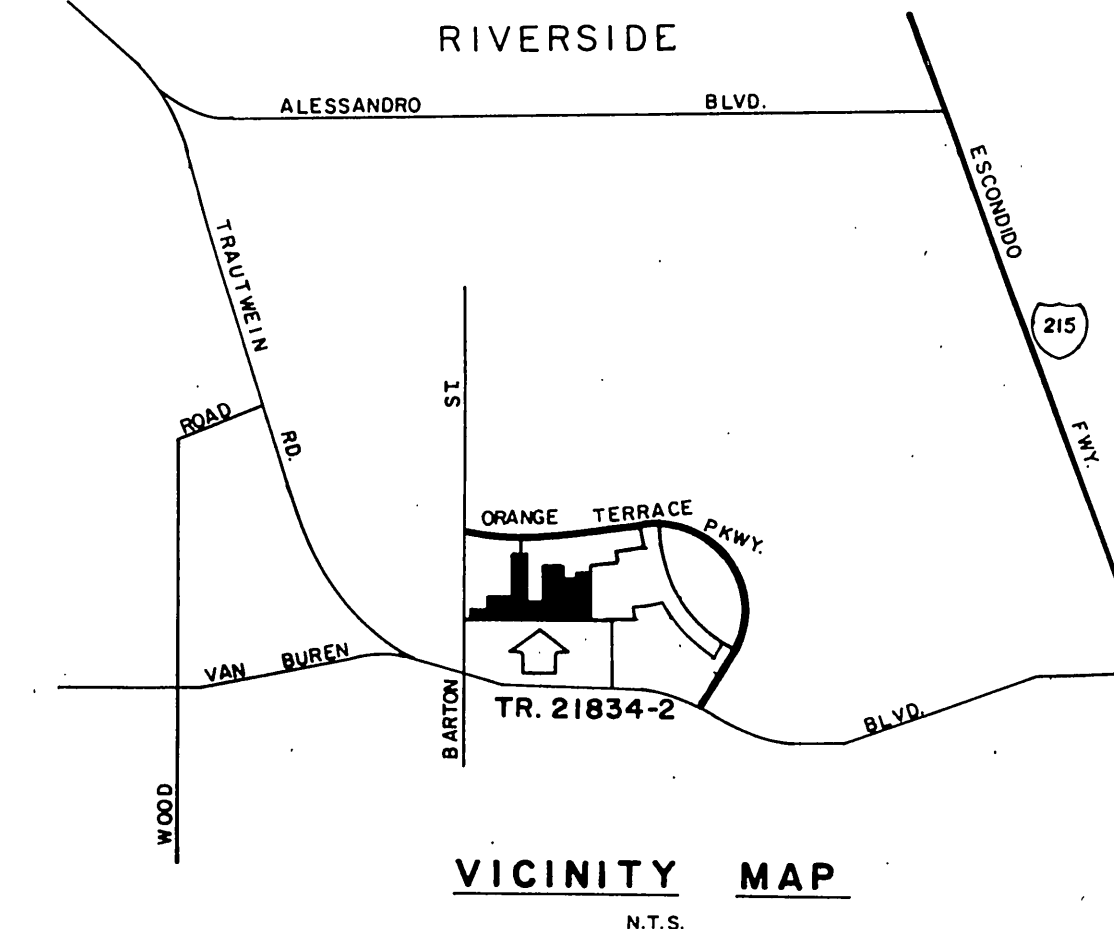
- The private engineer signing these plans is responsible for the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction the private engineer signing the plans shall be responsible for determining an acceptable solution and revising the plans for approval by the city.
- 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.
- Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
- Contractor is to verify existing sewer elevation prior to construction.
- The sewer contractor shall adjust manholes to final grade after paving is completed.
- No finished floor elevation shall be less than 4' above the sewer flow line at the 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 of Riverside.
- All manholes to be Riverside City Std. No. 500.
- All flagged elevations shall be staked in the field by the private engineer.
- 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 Inquiry Identification Number by U.S.A..
- 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.
- Laterals to lots 102-106 are shown on T-21834-1 sewer plans (S-1472)

CONSTRUCTION NOTES:

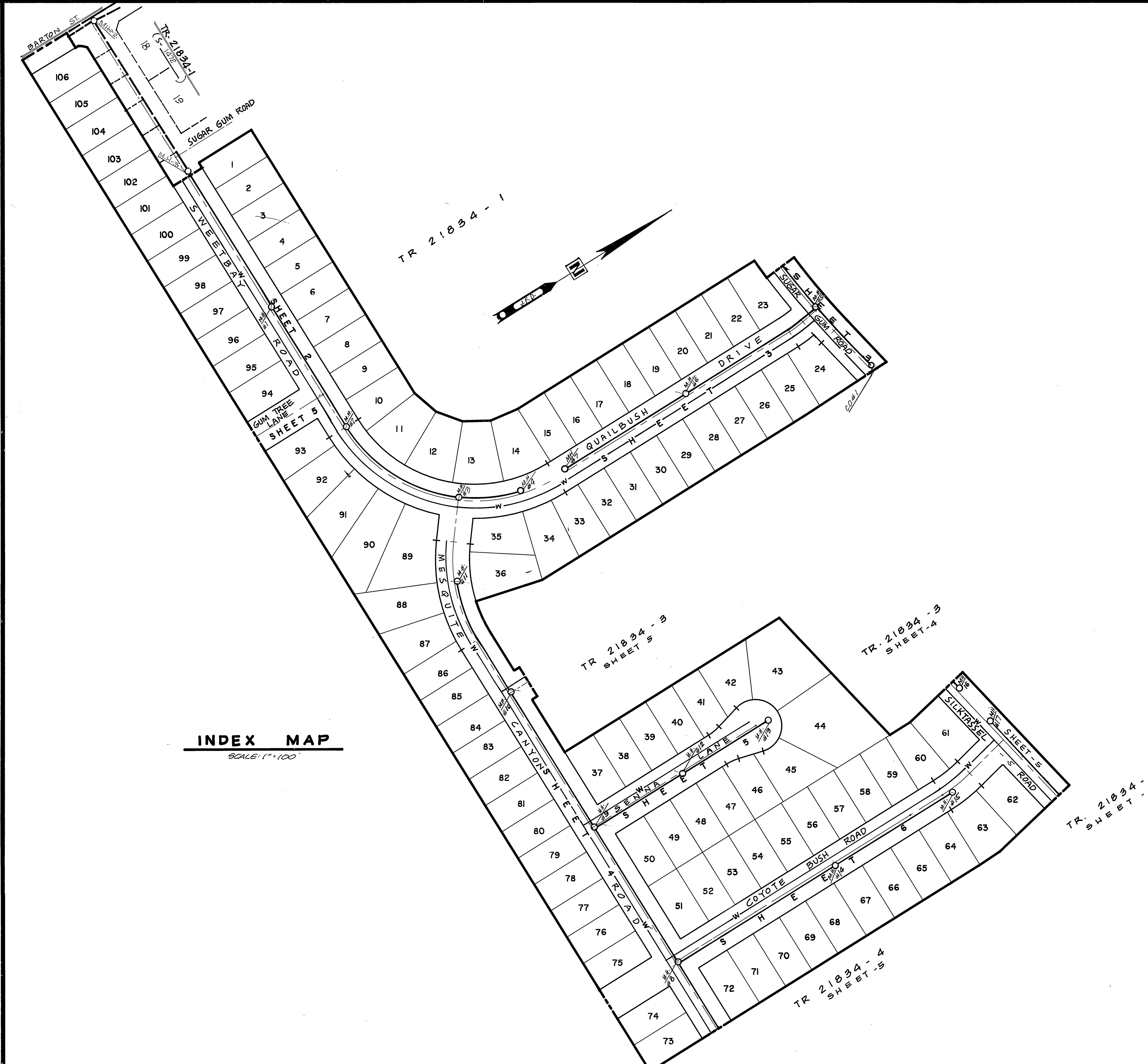
- CONSTRUCT MANHOLES PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500.
- CONSTRUCT 8" V.C.P. SEWER MAIN.
- CONSTRUCT 4" V.C.P. LATERAL TO PROPERTY LINE, PER STANDARD DRAWING NO. 562.
- CONSTRUCT CLEANOUT PER CITY OF RIVERSIDE STANDARD DRAWING NO. 560.

INDEX MAP

SCALE: 1"=100'



INDEXED 3-25-88 4H



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. Canty
REGISTERED CIVIL ENGINEER NO. 17350
EXPIRATION DATE 6-30-89 DATE: 3/24/87

REVIEWED BY:
WESTERN MUNICIPAL WATER DISTRICT
J. L. ... 2/23/88

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) 886-0844 (714) 825-1082 (619) 348-5691

BENCH MARK: V.A. 10-64 ELEV. 1700.670
BRASS DISK FLUSH & MARKED V.A. 10-64, 0.6 MI E. ON VAN BUREN BLVD. FROM E. INT. OF VAN BUREN & WOOD RD. 205' N. OF VAN BUREN & THE N.E. SIDE OF GRANITE BOULDERS ON TOP OF 3' X 15' X 18' BOULDER.

DATE MARCH 1987

J.F.D. ASSOCIATES

MARK	REVISIONS	APPR.	DATE

DESIGNED BY L.R.S. DRAWN BY L.R.W. CHECKED BY J.L.C.

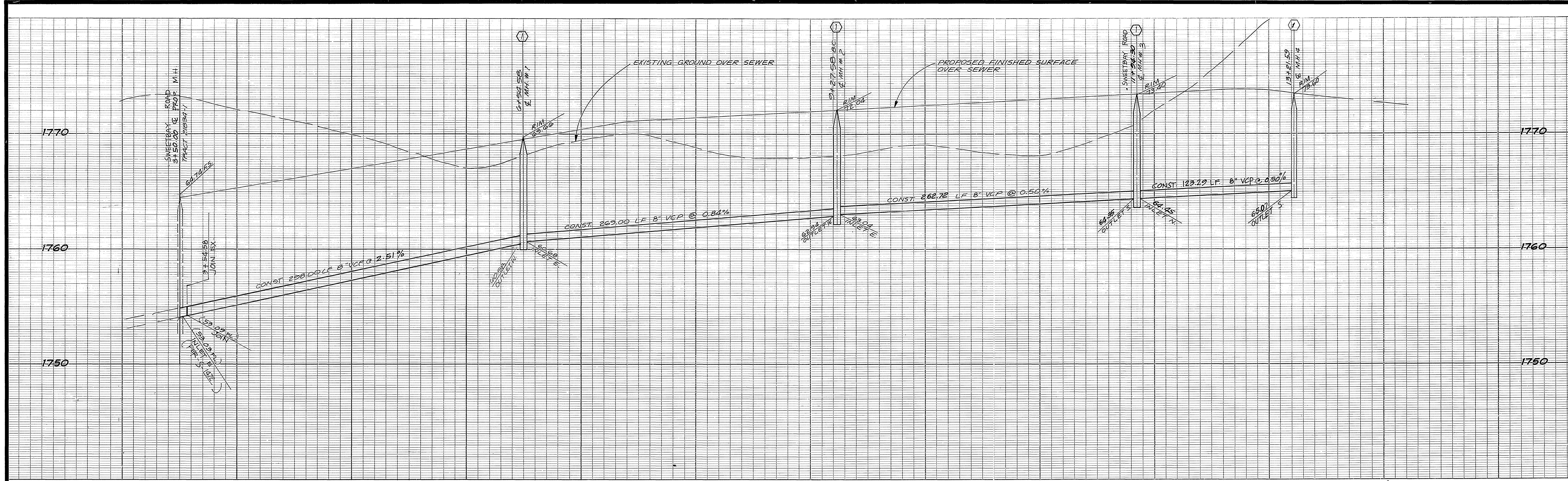
CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER			<i>Barry Bell</i>
PARK DEPARTMENT			DIRECTOR OF PUBLIC WORKS
TRAFFIC DIVISION			
CHIEF P.W. ENGR.	USA 3.21	DATE 3/17/88	

SEWER PLAN & PROFILE
TRACT 21834-2
TITLE SHEET

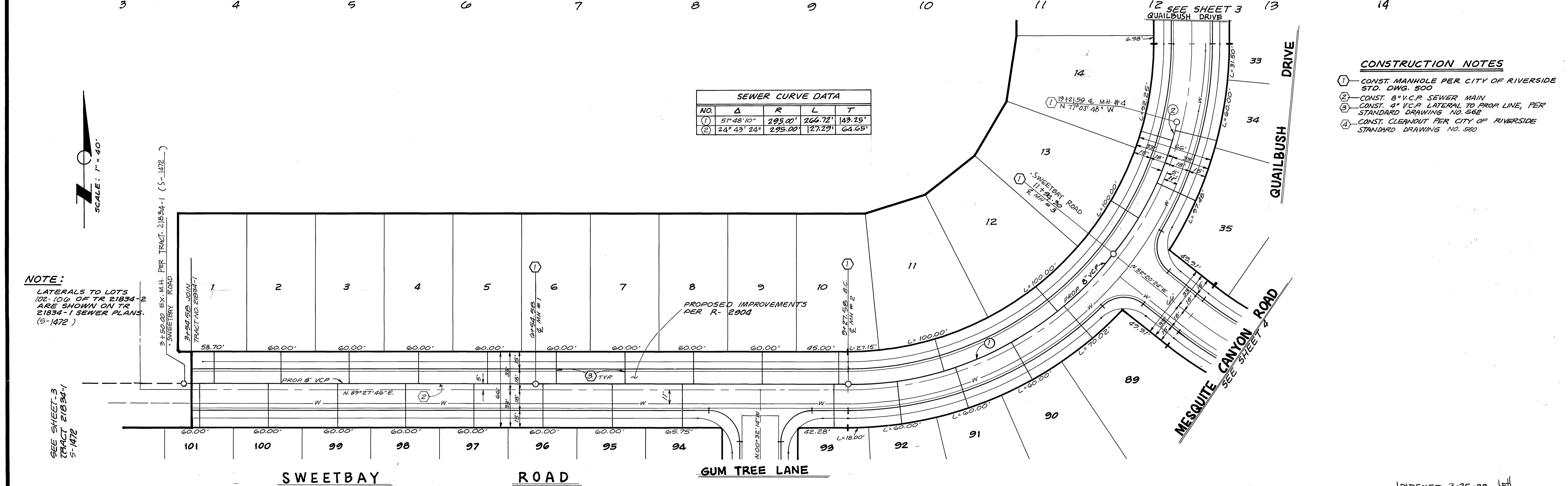
PROJECT NO. S-1473
SHEET 1 OF 6
FILE NO. 2643

HORIZ. SCALE: 1" VERT. SCALE: 1"



SEWER CURVE DATA				
NO.	Δ	R	L	T
①	51° 48' 10"	295.00'	266.72'	149.25'
②	24° 43' 24"	295.00'	17.29'	64.65'

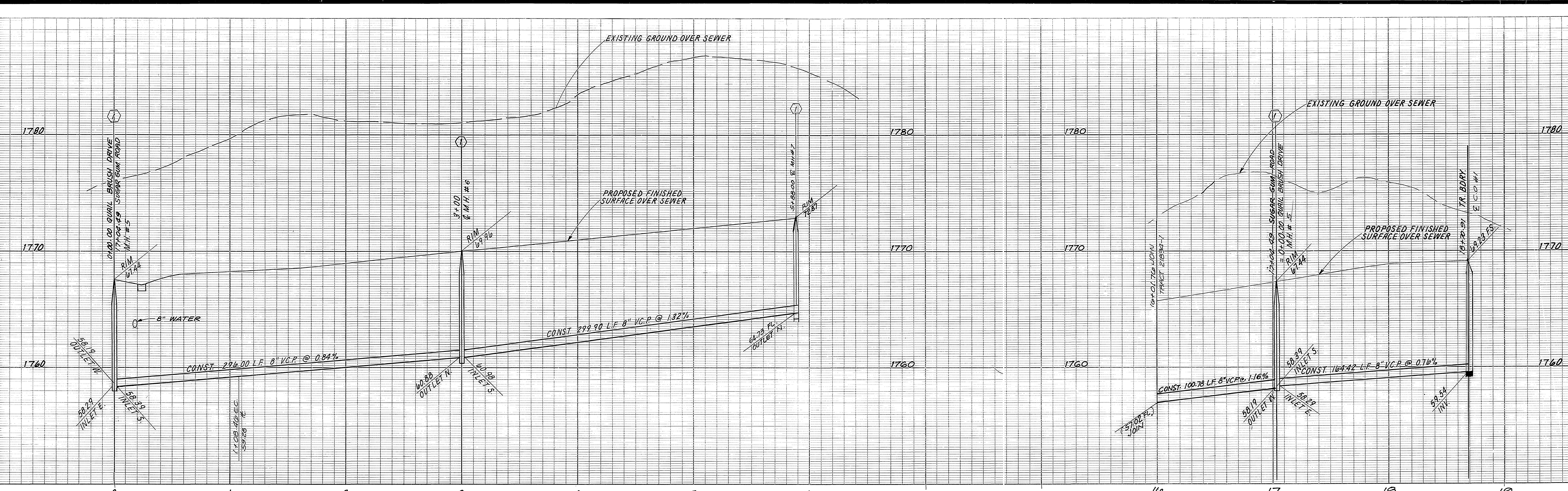
- CONSTRUCTION NOTES**
- ① CONST. MANHOLE PER CITY OF RIVERSIDE STD. DWG. 500
 - ② CONST. 8" V.C.P. SEWER MAIN
 - ③ CONST. 4" V.C.P. LATERAL TO PROP. LINE, PER STANDARD DRAWING NO. 562
 - ④ CONST. CLEANOUT PER CITY OF RIVERSIDE STANDARD DRAWING NO. 580



NOTE:
 LATERALS TO LOTS 102-106 OF TR 21834-2 ARE SHOWN ON TR 21834-1 SEWER PLANS. (S-1472)

SEE SHEET 3 TRACT 21834-1 S-1472

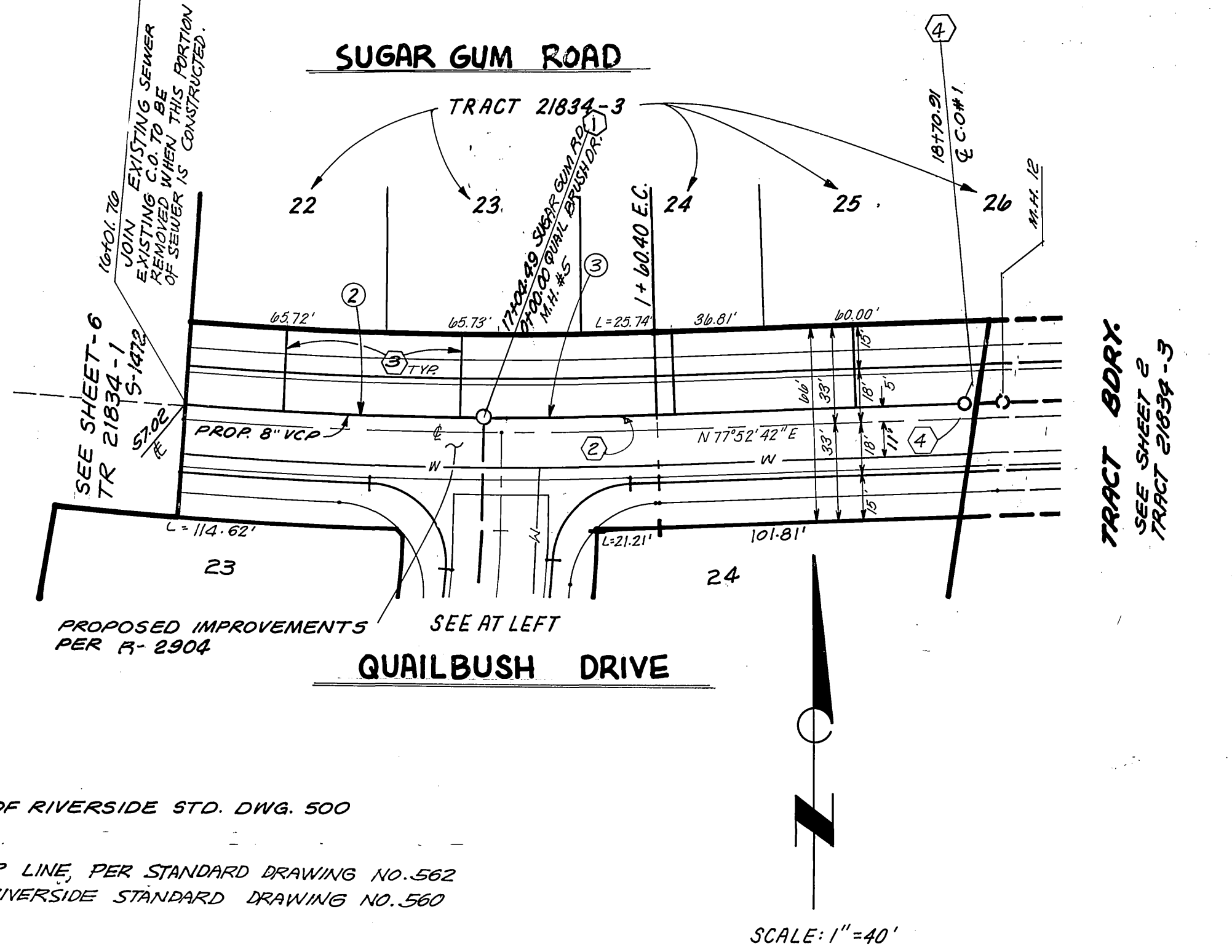
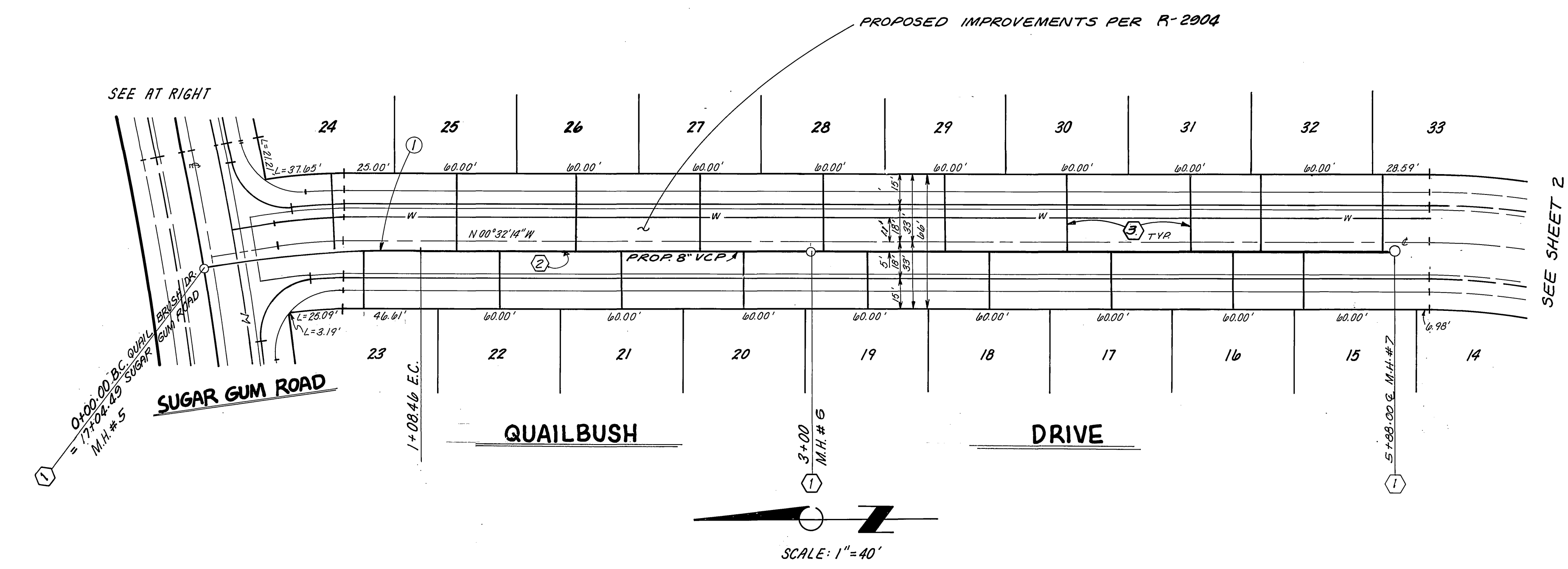
Underground Service Alert Call: TOLL FREE 1-800-422-4133 <small>TWO WORKING DAYS BEFORE YOU DIG</small>	PRIVATE ENGINEERING NOTE <small>CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE 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 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.</small>		PREPARED UNDER THE DIRECTION OF REGISTERED CIVIL ENGINEER NO. 17550 EXPIRATION DATE 6-30-82 DATE: 3/24/87	J.F. DAVIDSON ASSOCIATES, INC. <small>CIVIL ENGINEERS • SURVEYORS • PLANNERS</small> P.O. BOX 493 RIVERSIDE, CA 92502 (714) 686-0844 11200 SO. MT. VERNON AVE. #D COOLTON, CA 92524 (714) 825-1082 73-080 EL PASO, #103 PALM DESERT, CA 92260 (619) 346-6691		CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	TRACT 21834-2 SEWER PLAN AND PROFILE SWEETBAY ROAD	PROJECT NO. S-1473
			APPROVED BY: DATE MARCH 1987	BENCH MARK: V.L. 10-64 ELEV. 1700.670 BRASS DISK FLUSH & MARKED V.B.10-64, 0.5 MI E ON VAN BUREN BLVD. FROM E. INT. OF VAN BUREN & WOOD RD. 205' N OF VAN BUREN @ THE N.E. SIDE OF GRANITE BOULDERS ON TOP OF 3' X 15' X 14' BOULDER.		APPROVED BY: DIRECTOR OF PUBLIC WORKS DATE 3/2/88	SHEET 2 OF 6 FILE NO. 9643	



SEWER CURVE DATA

NO.	Δ	R	L	T
①	9°15'33"	671.17'	108.46'	54.35'
②	4°11'21"	1405.00'	102.73'	51.39'
③	2°21'06"	1405.00'	57.67'	28.84'

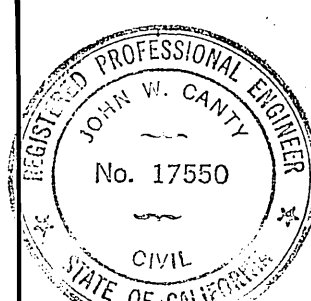
NOTE:
 PROVIDE SEWER LATERALS FOR LOTS 22-25 TR. 21834-3 WITH CONSTRUCTION OF MAIN ON TR. 21834-2.



- CONSTRUCTION NOTES
- ① - CONST. MANHOLE PER CITY OF RIVERSIDE STD. DWG. 500
 - ② - CONST. 8" V.C.P. SEWER MAIN
 - ③ - CONST. 4" V.C.P. LATERAL TO PROP. LINE, PER STANDARD DRAWING NO. 562
 - ④ - CONST. CLEANOUT PER CITY OF RIVERSIDE STANDARD DRAWING NO. 560

Underground Service Alert
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 1-800
 422-4133
 TWO WORKING DAYS BEFORE YOU DIG

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PREPARED UNDER THE DIRECTION OF:
John W. Canty
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE 6-30-89 DATE: 3/24/87
 APPROVED BY:

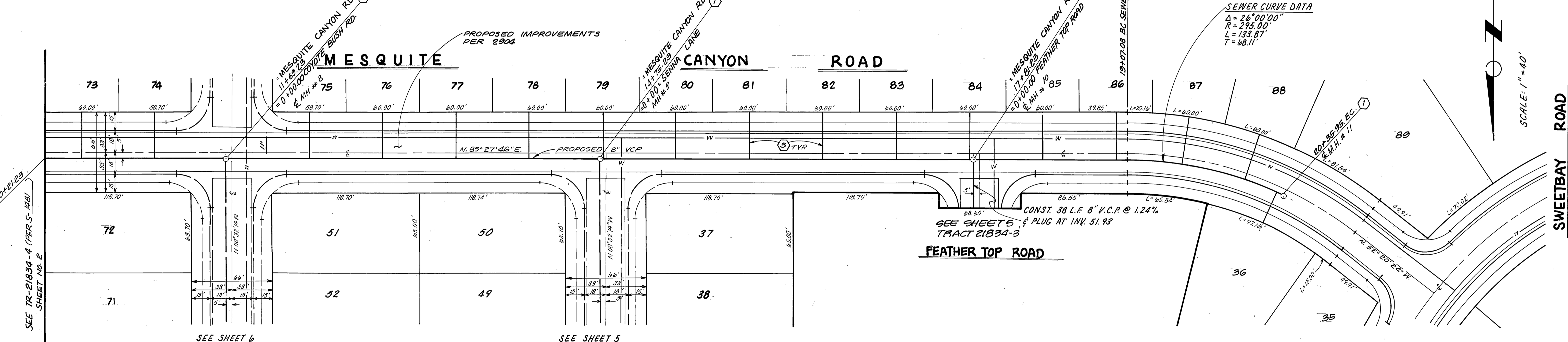
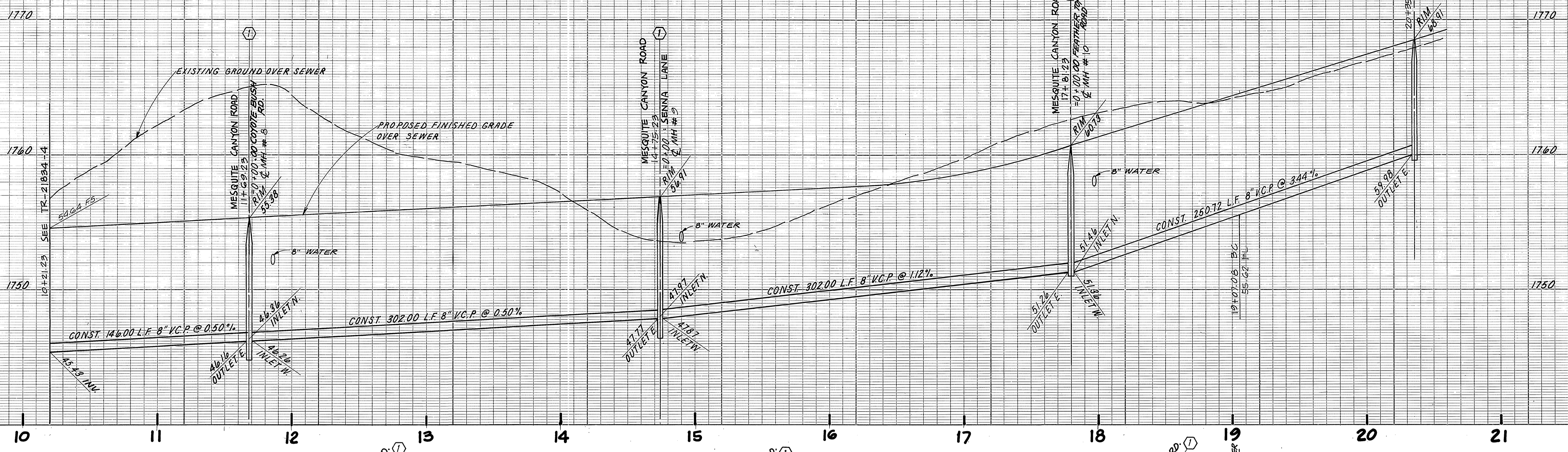
J.F. DAVIDSON ASSOCIATES, INC.
 CIVIL ENGINEERS • SURVEYORS • PLANNERS
 P.O. BOX 493 11200 SO. MT. VERNON AVE. #D 79-080 EL PASO, #103
 COLTON, CA 92534 PALM DESERT, CA 92260
 (714) 825-1082 (619) 346-6691
 BENCH MARK: V.B. 10-64 ELEV. 1700.670
 BRASS DISK FLUSH & MARKED V.B. 10-64, 0.6 MI E ON VAN BUREN BLVD. FROM E. INT. OF VAN BUREN & WOOD RD. 205' N OF VAN BUREN • THE N.E. SIDE OF GRANITE BOULDERS ON TOP OF 3' X 15' X 15' BOULDER
 DATE MARCH 1987

MARK REVISIONS APPR. DATE
 DESIGNED BY L.R.S. DRAWN BY L.R.W. CHECKED BY J.C.
 PREP

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature]
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR. [Signature]
 DATE 3/27/88

TRACT 21834-2
 SEWER PLAN & PROFILE
 QUAILBUSH DRIVE
 SUGAR GUM ROAD
 PROJECT NO. S-1473
 SHEET 3 OF 6
 FILE NO. 9643
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

INDEXED 3-25-88 4th



SEWER CURVE DATA
 $\Delta = 26^{\circ}00'00''$
 $R = 295.00'$
 $L = 133.87'$
 $T = 68.11'$

- CONSTRUCTION NOTES**
- 1 - CONST. MANHOLE PER CITY OF RIVERSIDE STD. DWG. 500
 - 2 - CONST. 8" V.C.P. SEWER MAIN
 - 3 - CONST. 4" V.C.P. LATERAL TO PROPERTY LINE, PER STANDARD DRAWING NO. 562
 - 4 - CONST. CLEANOUT PER CITY OF RIVERSIDE STANDARD DRAWING NO. 560

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

PRIVATE ENGINEERING NOTE
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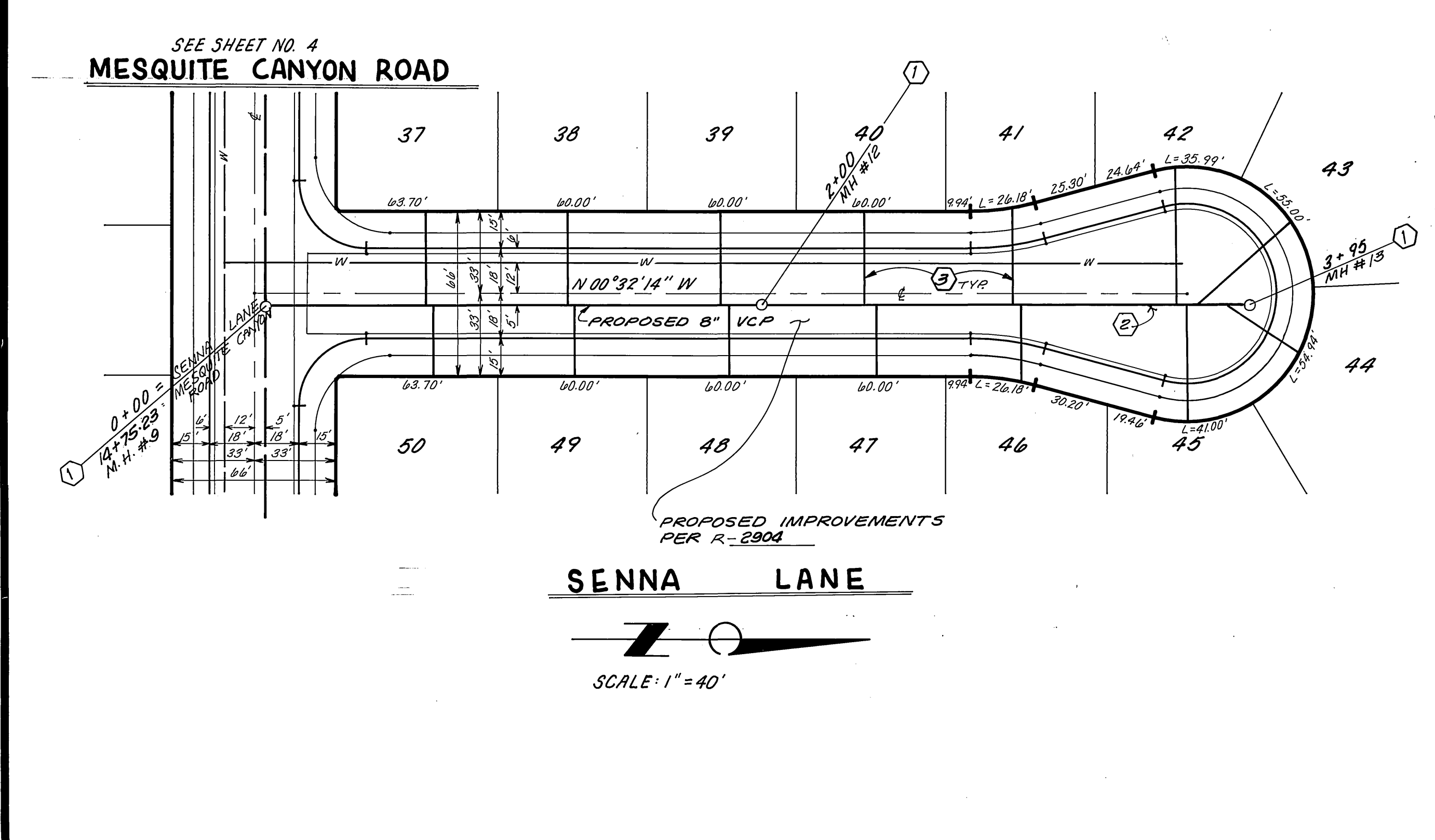
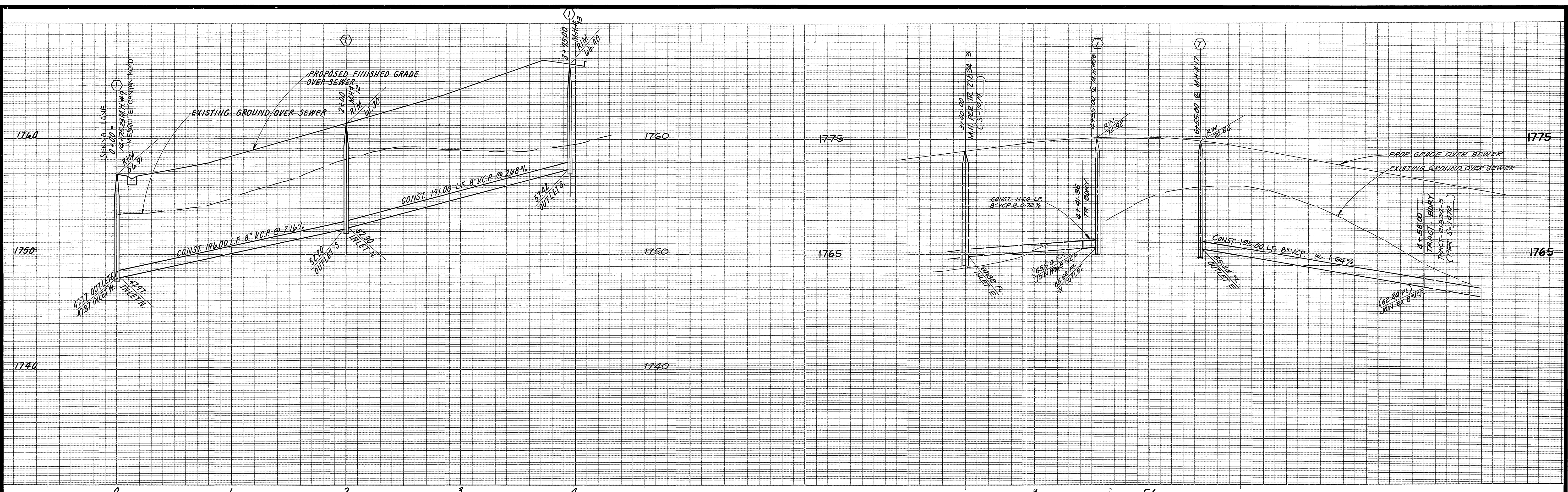
PREPARED UNDER THE DIRECTION OF:
John W. County
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE: 6-30-89 DATE: 3/21/87
 APPROVED BY:

J.F. DAVIDSON ASSOCIATES, INC.
 CIVIL ENGINEERS • SURVEYORS • PLANNERS
 P.O. BOX 493 11200 SO. MT. VERNON AVE. #D 73-080 EL PASO, #103
 RIVERSIDE, CA 92502 COLTON, CA 92524 PALM DESERT, CA 92260
 (714) 886-0844 (714) 825-1082 (619) 348-5691
 BENCH MARK: V.A. 10-64 ELEV. 1700.670
 BRASS DISK FLUSH & MARKED 1/8" 10-64, 0.6 MI E ON VAN BUREN BLVD. FROM E. INT. OF VAN BUREN & WOOD RD.
 205' N OF VAN BUREN & THE N.E. SIDE OF GRANITE BOULDERS ON TOP OF 3' X 15' X 18' BOULDER
 DATE MARCH 1987

J.F.D. ASSOCIATES
 MARK REVISIONS APPR. DATE
 DESIGNED BY L.R.S. DRAWN BY LRW CHECKED BY J.C.
 FRED

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature]
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGR. [Signature]
 DATE 3/21/88

TRACT 21834-2
 SEWER PLAN & PROFILE
MESQUITE CANYON ROAD
 PROJECT NO. S-1473
 SHEET 4 OF 6
 FILE NO. 9643
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
 INDEXED 3-25-88 411



- CONSTRUCTION NOTES**
- ① CONST. MANHOLE PER CITY OF RIVERSIDE STD. DWG. 500
 - ② CONST. 8" V.C.P. SEWER MAIN
 - ③ CONST. 4" V.C.P. LATERAL TO PROP. LINE PER STANDARD DRAWING NO. 502.
 - ④ CONST. CLEANOUT PER CITY OF RIVERSIDE STANDARD DRAWING NO. 560

NOTE
 PROVIDE SEWER LATERALS TO LOTS
 69-73 TR 21834-3 WITH CONSTRUCTION
 OF SEWER MAIN FOR TR 21834-2.

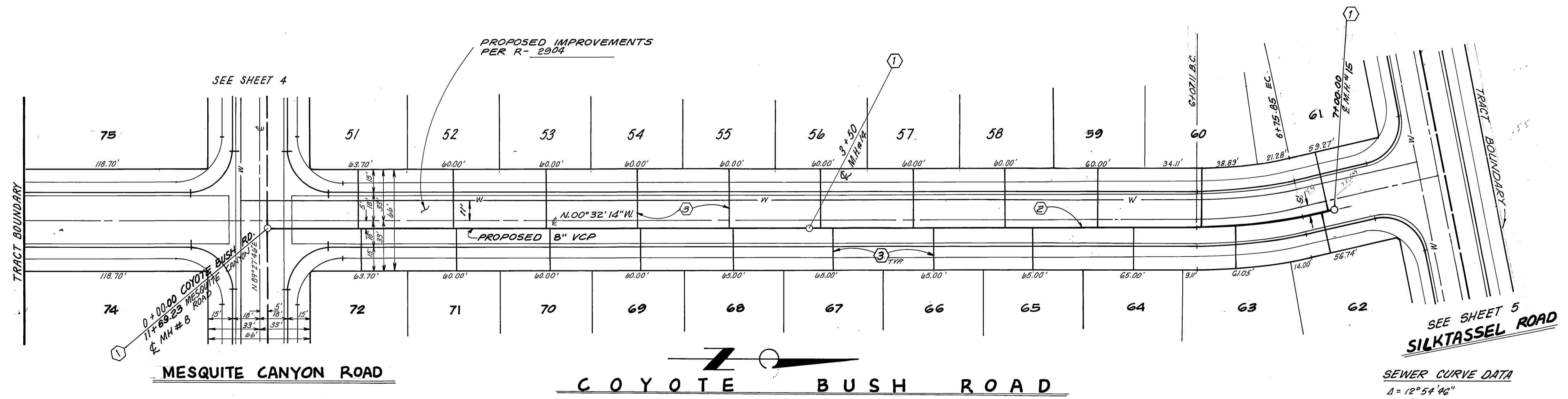
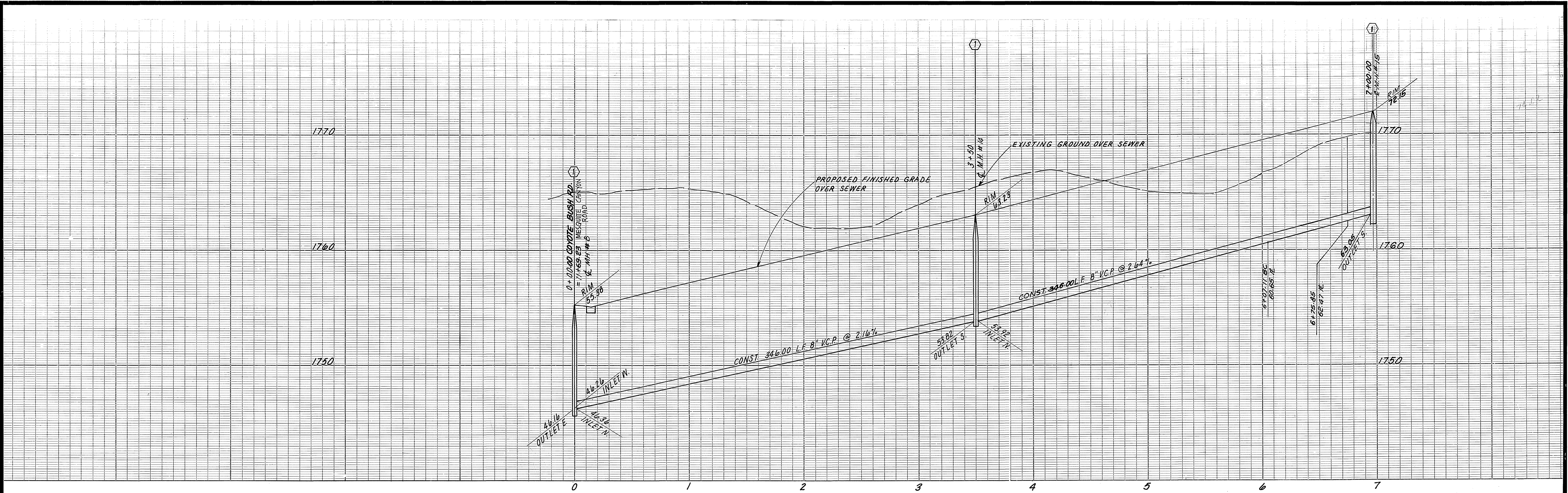
SEE SHEET NO. 4
 MESQUITE CANYON ROAD

SEE SHEET 4
 TRACT 21834-3 SEWER

SEE SHEET 6
 COYOTE BUSH ROAD

INDEXED 3-25-88 4H

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: REGISTERED CIVIL ENGINEER NO. 17550 EXPIRATION DATE 6-30-88 DATE: 3/22/87	J.F. DAVIDSON ASSOCIATES, INC. CIVIL ENGINEERS • SURVEYORS • PLANNERS P.O. BOX 493 11200 SO. MT. VERNON AVE. #D 73-080 EL PASO, #103 RIVERSIDE, CA 92502 COLTON, CA 92324 PALM DESERT, CA 92260 (714) 686-0844 (714) 825-1082 (619) 348-5691		CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	TRACT 21834-2 SEWER PLAN & PROFILE SENNALANE SILKTASSEL ROAD	PROJECT NO. S-1473 SHEET 5 OF 6 FILE NO. 9643
			APPROVED BY: 	BENCH MARK: V.R. 10-44 ELEV. 1700.670 BRASS DISK FLUSH & MARKED V.B.10-64, 0.6 MI E ON VAN BUREN BLVD. FROM E. INT. OF VAN BUREN & WOOD RD. 205' N OF VAN BUREN @ THE N.E. SIDE OF GRANITE BOULDERS ON TOP OF 3' X 15' X 18' BOULDER.	APPROVED BY: DIRECTOR OF PUBLIC WORKS DATE: 3/7/88	DESIGNED BY L.R.S. DRAWN BY L.R.W. CHECKED BY J.C. FREO	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	

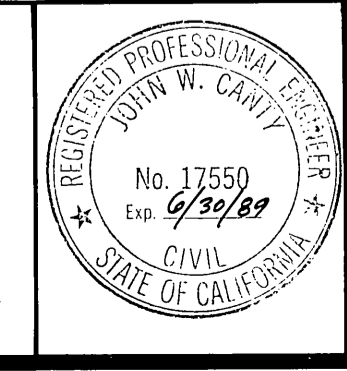


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- ① - CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. DWG. 500
 - ② - CONST. 8" VCP SEWER MAIN
 - ③ - CONST. 4" LATERAL TO PROP. LINE PER STANDARD DRAWING NO. 562
 - ④ - CONST. CLEANOUT PER CITY OF RIVERSIDE STANDARD DRAWING NO. 560

SEWER CURVE DATA
 $\Delta = 12^\circ 54' 40''$
 $R = 305.00'$
 $L = 68.74'$
 $T = 34.32'$



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PREPARED UNDER THE DIRECTION OF
J. W. Canty
 REGISTERED CIVIL ENGINEER NO. 17550
 EXPIRATION DATE: 6-30-89 DATE: 3/27/89
 APPROVED BY:
 DATE: MARCH 1987

J.F. DAVIDSON ASSOCIATES, INC.
 CIVIL ENGINEERS • SURVEYORS • PLANNERS
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MARK	REVISIONS	APPR.	DATE
DESIGNED BY	L.R.S.	DRAWN BY	L.R.W.
CHECKED BY	J.C.	DATE	3/27/89

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *Benny Park*
 DIRECTOR OF PUBLIC WORKS
 DATE: 3/27/89

INDEXED 3-25-88 4th

TRACT 21834-2
SEWER PLAN & PROFILE
COYOTE BUSH ROAD

PROJECT NO. **S-1473**
 SHEET **6** OF **6**
 FILE NO. **9643**

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