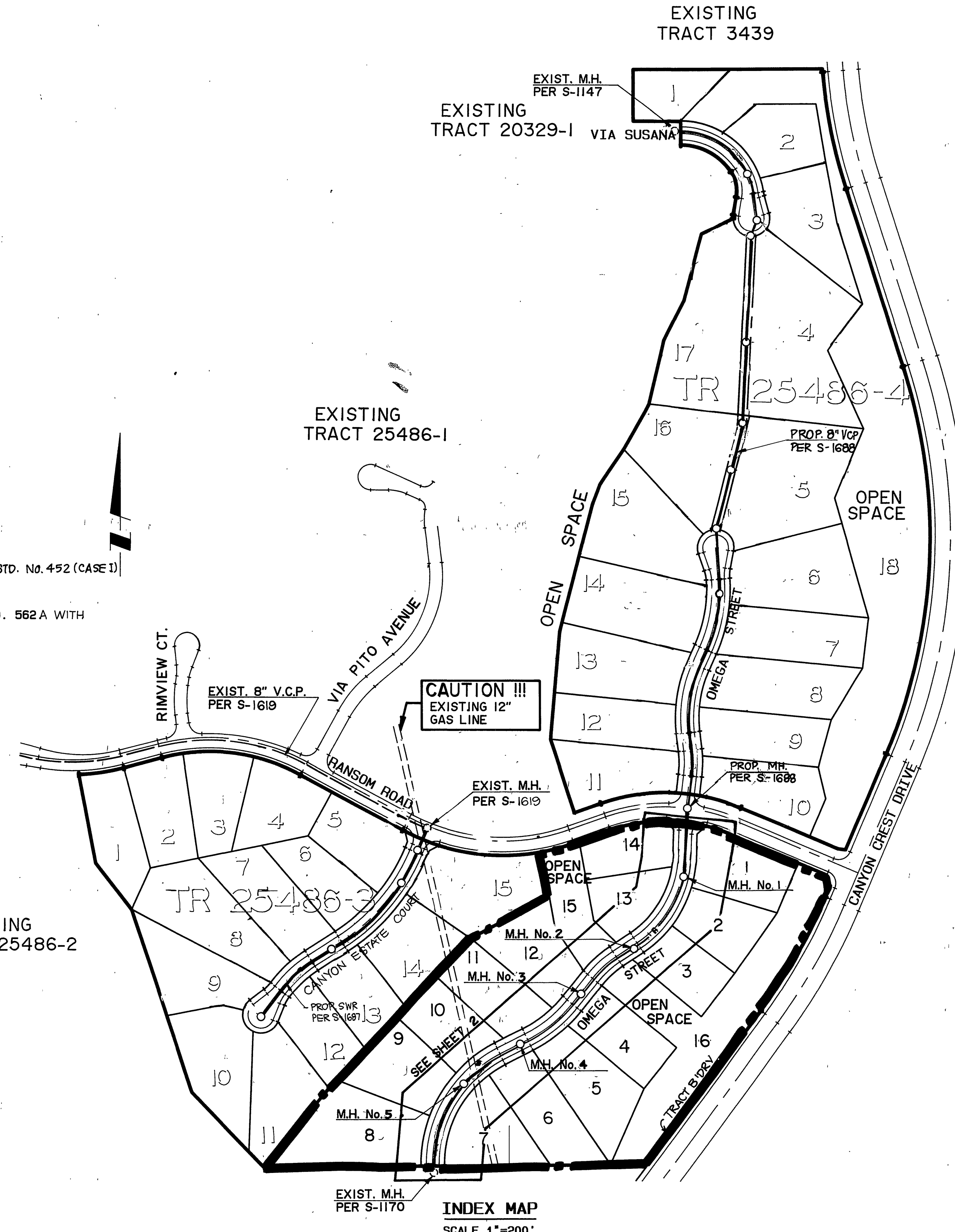
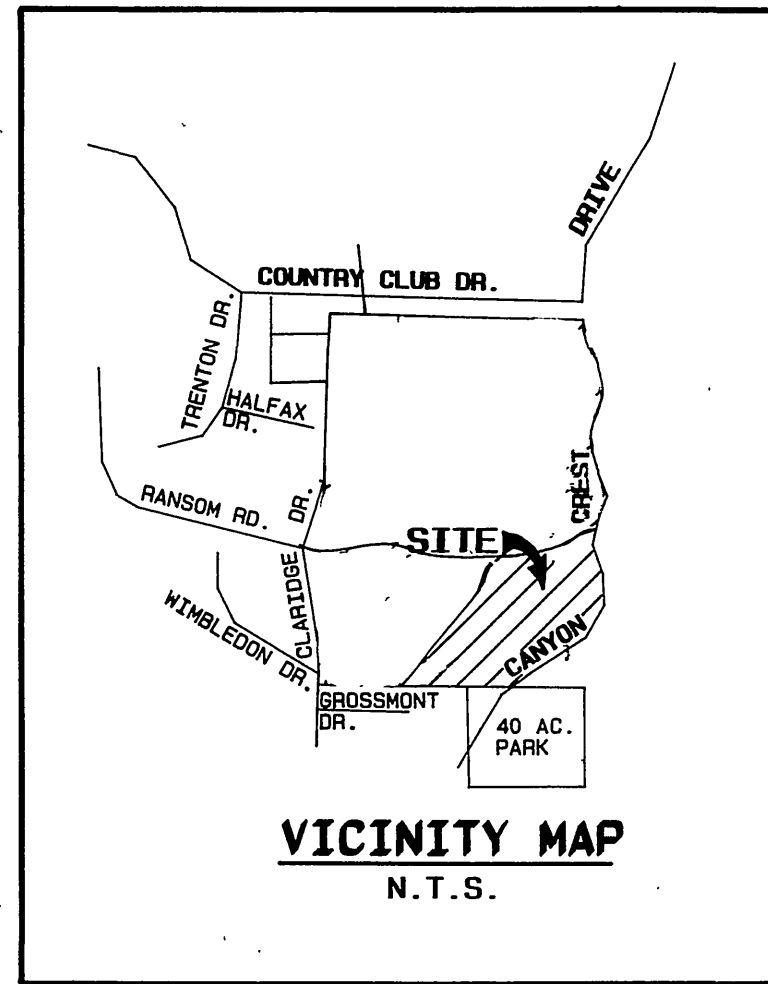
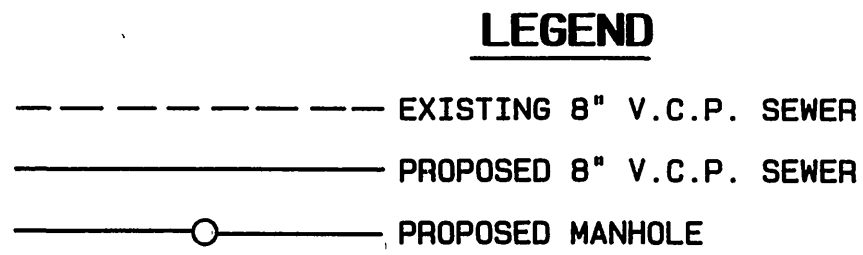


SEWER IMPROVEMENT PLANS



- GENERAL NOTES (SEWER)**
- 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.
 - 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 Dept. of Public Works, Standard Drawings, its Supplemental Notes 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 City of Riverside Standard No. 500.
 - All flagged elevations shall be staked in the field by the private engineer.
 - The contractor shall call in a locations request to UNDERGROUND SERVICE ALERT (USA), Phone No. 1-800-227-2600 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.
 - Notice to contractor. The existence and location of any underground utility pipes or structures shown on these plans were obtained by a search of available records. To the best of our knowledge there are no existing utilities except as shown on these plans. The contractor is required to take precautionary measures to protect the utility lines shown on any other lines not of record or not shown on these plans.
 - Quantities shown are for information only and the City of Riverside is not responsible for the accuracy.
 - No person shall perform any construction activity or install any objects within the public right-of-way or easements of the City of Riverside without a valid Construction Permit or, a Street Opening Permit or an encroachment permit issued by the City's Public Works Department.

- CONSTRUCTION NOTES**
- CONSTRUCT MANHOLES PER CITY OF RIV. STD. NO. 500.
 - CONSTRUCT 8" V.C.P. WITH PIPE BEDDING PER CITY OF RIV. STD. NO. 452 (CASE 1)
 - REMOVE EXIST. 8" PLUG.
 - CONSTRUCT SEWER LATERALS PER CITY OF RIVERSIDE STD. NO. 562A WITH CLEANOUT AT R/W.



ALL SEWER MAINS ARE 8" SDR 35 PVC
ALL SEWER LATERALS ARE 4" SDR 35 PVC

CITY OF RIVERSIDE WATER SYSTEM SO. CAL. GAS CO.

APPROVED: *Richard J. Orlich* 7/21/98 REVIEWED BY: *Dennis J. Freeman* 12-17-97

Underground Service Alert

Call: TOLL FREE 1-800-227-2600

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.

TECK C. LOH
No. 50293
Exp. 1/31/01
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
Teck C. Loh
REGISTERED CIVIL ENGINEER NO. 50293
EXPIRATION DATE: 6-30-01 DATE: 6-5-98

CEG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING

3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683-5234 FAX (909) 683-5301

CITY OF RIV. BUSINESS TAX ACCT. NO. 69372 EXP. DATE 12-31-97

SCALE: AS SHOWN BENCH MARK: 68-A P.K. NAIL & TAG IN BASE OF LIGHT STANDARD IN MEDIAN STRIP OF COUNTRY CLUB DRIVE 60' WEST OF C.L. CANYON CREST DRIVE. ELEV. = 1068.06

DATE: JUNE, 1997

DESIGNED BY: T.C.L. DRAWN BY: D.P.P. CHECKED BY: J.D.S.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

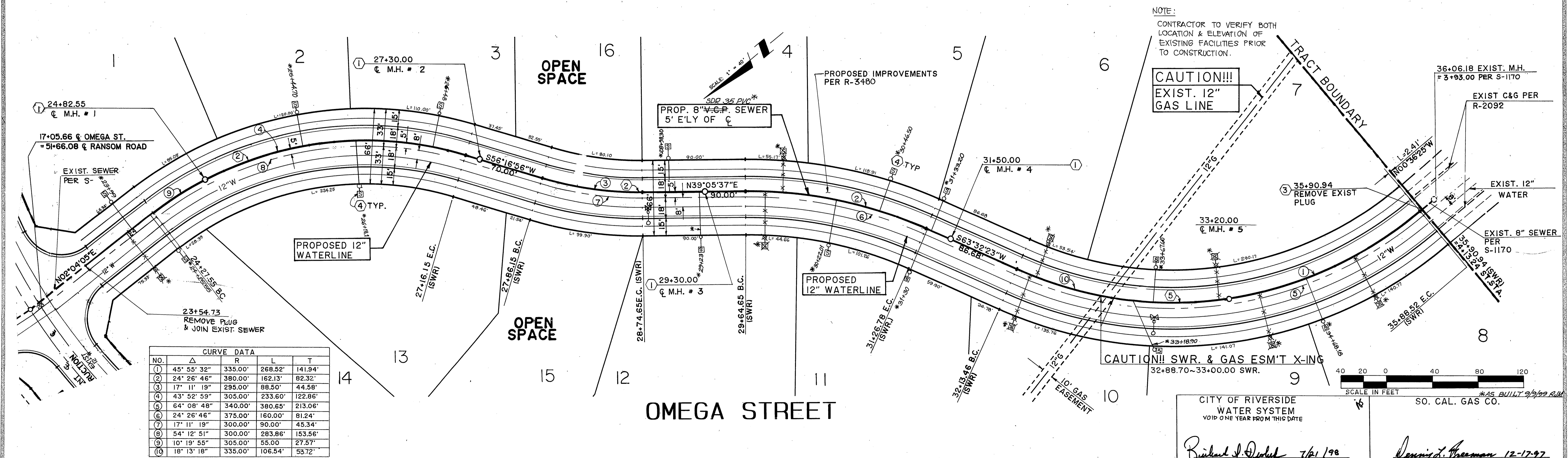
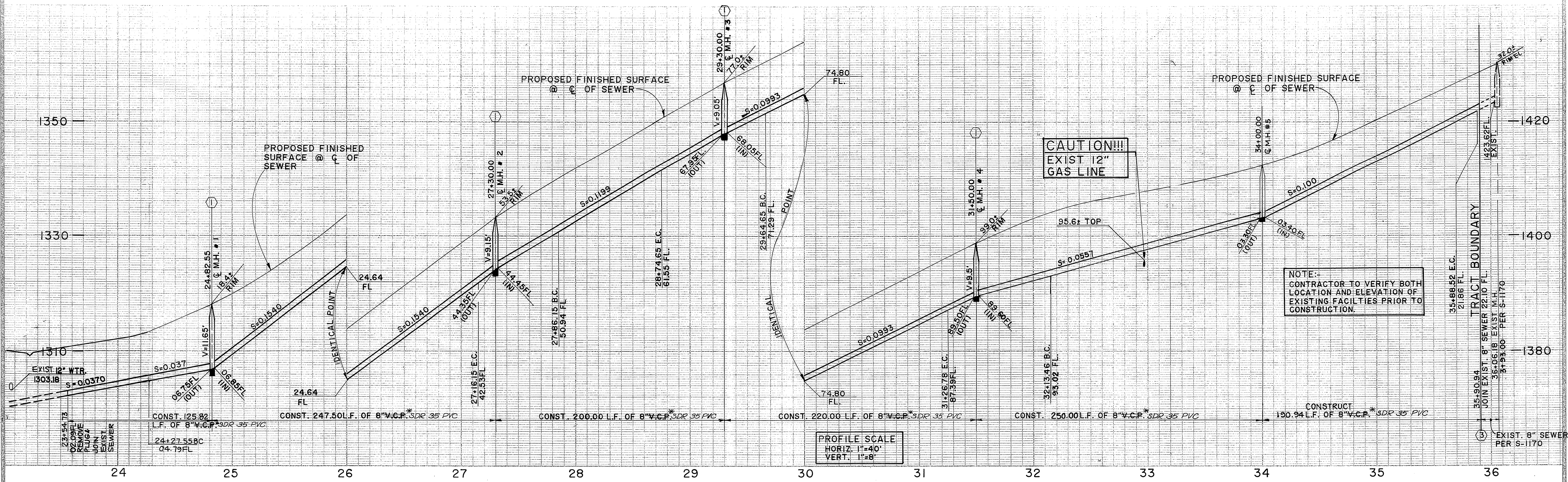
APPROVED BY:	BY:	DATE:	APPROVED BY:
PRINCIPAL ENGINEER	<i>R. M. Smith</i>		<i>R. M. Smith</i>
PARK DEPARTMENT			DIRECTOR OF PUBLIC WORKS
TRAFFIC DIVISION			
DEP. P.W. DIRECTOR	<i>J.B. Smith</i>	DATE: 9-21-98	

TRACT 25486
SEWER IMPROVEMENT PLANS
TITLE SHEET

PROJECT NO. S-1689
SHEET 1 OF 2
FILE NO. 1033-001

FOR: CHRISTIAN BERGUM & ASSOCIATES

INDEXED 9-25-98 6H



NO.	Δ	R	L	T
1	45° 55' 32"	335.00'	268.52'	141.94'
2	24° 26' 46"	380.00'	162.13'	82.32'
3	17° 11' 19"	295.00'	88.50'	44.58'
4	43° 52' 59"	305.00'	233.60'	122.86'
5	64° 08' 48"	340.00'	380.65'	213.06'
6	24° 26' 46"	375.00'	160.00'	81.24'
7	17° 11' 19"	300.00'	90.00'	45.34'
8	54° 12' 51"	300.00'	283.86'	153.56'
9	10° 19' 55"	305.00'	55.00'	27.57'
10	18° 13' 18"	335.00'	106.54'	53.72'

CITY OF RIVERSIDE
WATER SYSTEM
VOID ONE YEAR FROM THIS DATE

Richard J. Doherty 7/21/98
APPROVED DATE

SO. CAL. GAS CO.
AS BUILT 9/9/99

Dennis J. Freeman 12-17-97
REVIEWED BY DATE

Underground Service Alert

Call: TOLL FREE
1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE 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.

REGISTERED PROFESSIONAL ENGINEER
TECK C. LON
No. 50293
Exp. 6-30-01
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER NO. 50293
EXPIRATION DATE: 6-30-01 DATE: 6-5-99

CEG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (909) 683-5234 FAX (909) 683-5301

SCALE: AS SHOWN
DATE: JULY, 1997

MARK: 68-A P.K. NAIL & 68-T IN BASE OF LIGHT STANDARD IN MEDIAN STRIP OF COUNTRY CLUB DRIVE 60' ± WEST OF C.L. CANYON CREST DRIVE. ELEV. -1068.06

DESIGNED BY: T.C.L.
DRAWN BY:
CHECKED BY: J.D.S.

REVISIONS
APPR. DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: R. Mc Brat
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
DEP. P.W. DIRECTOR

DATE: 9-21-98

TRACT 25486
SEWER IMPROVEMENT PLANS
OMEGA STREET
STA. 24+27.55 TO STA. 35+88.52
FOR: CHRISTIAN BERGUM & ASSOCIATES

PROJECT NO. S-1689
SHEET 2 OF 2
FILE NO: 1033-001

INDEXED 9-25-98