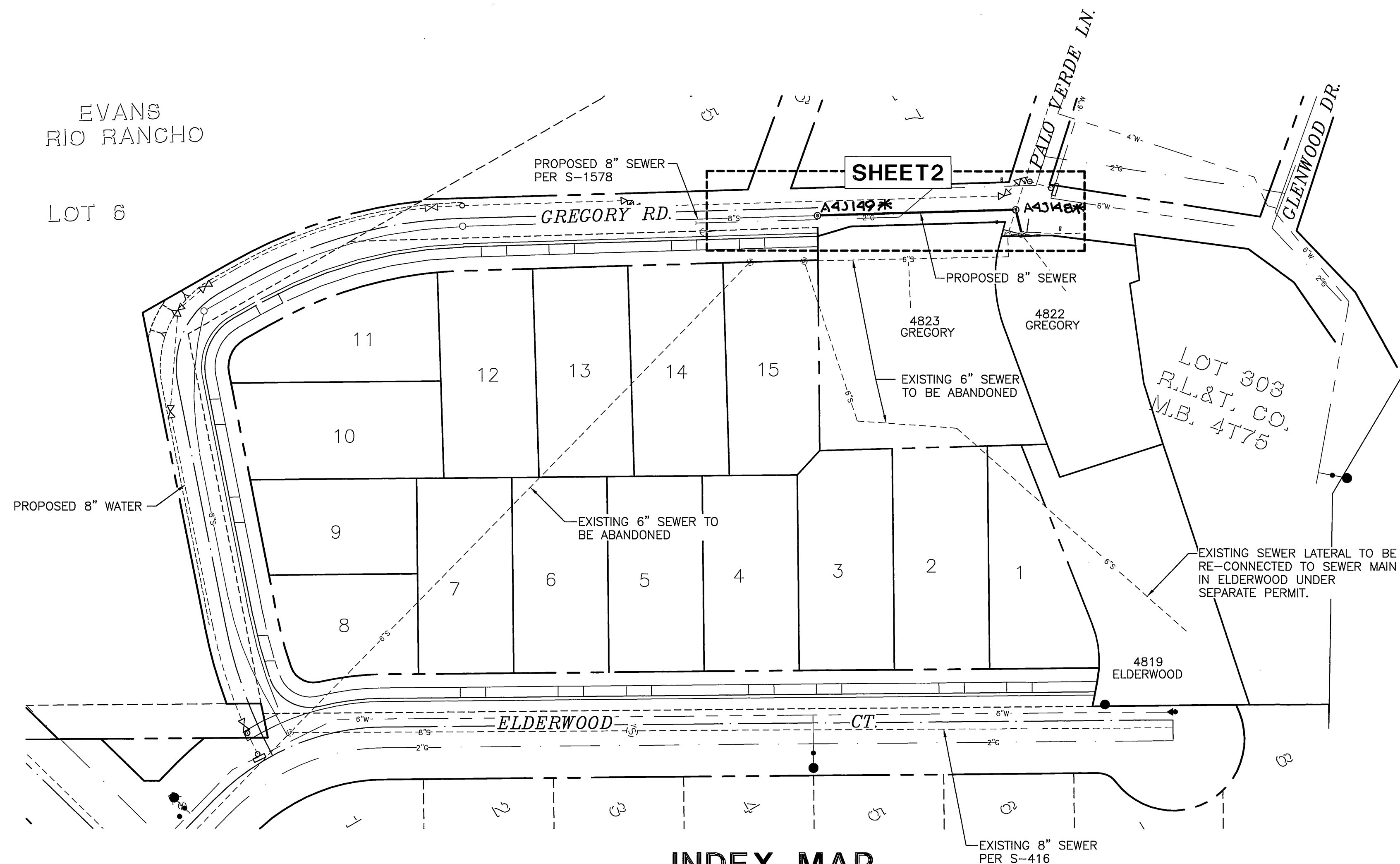


SEWER IMPROVEMENT PLAN TRACT NO.31511

GENERAL NOTES:

- 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.
- 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, ITS SUPPLEMENTAL NOTES 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 REESTABLISHING 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 PRIVATE ENGINEER.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 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.
- DEVELOPER/CONTRACTOR TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK. (909) 351-6150.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 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 ELEVATION SHALL BE LESS THAN 6" ABOVE THE UPPER MANHOLE RIM ELEVATION OF THE SEWER LINE SEGMENT BEING CONNECTED TO, 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.



INDEX MAP
N.T.S.

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CENTER LINE OF ELDERWOOD COURT AS SHOWN ON TRACT 2605 FILED IN BOOK 48 AT PAGE 9 THOUGH 10 RECORDS OF RIVERSIDE COUNTY. SAID LINE BEARS N 29°12'20" E

NOTICE TO CONTRACTOR:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

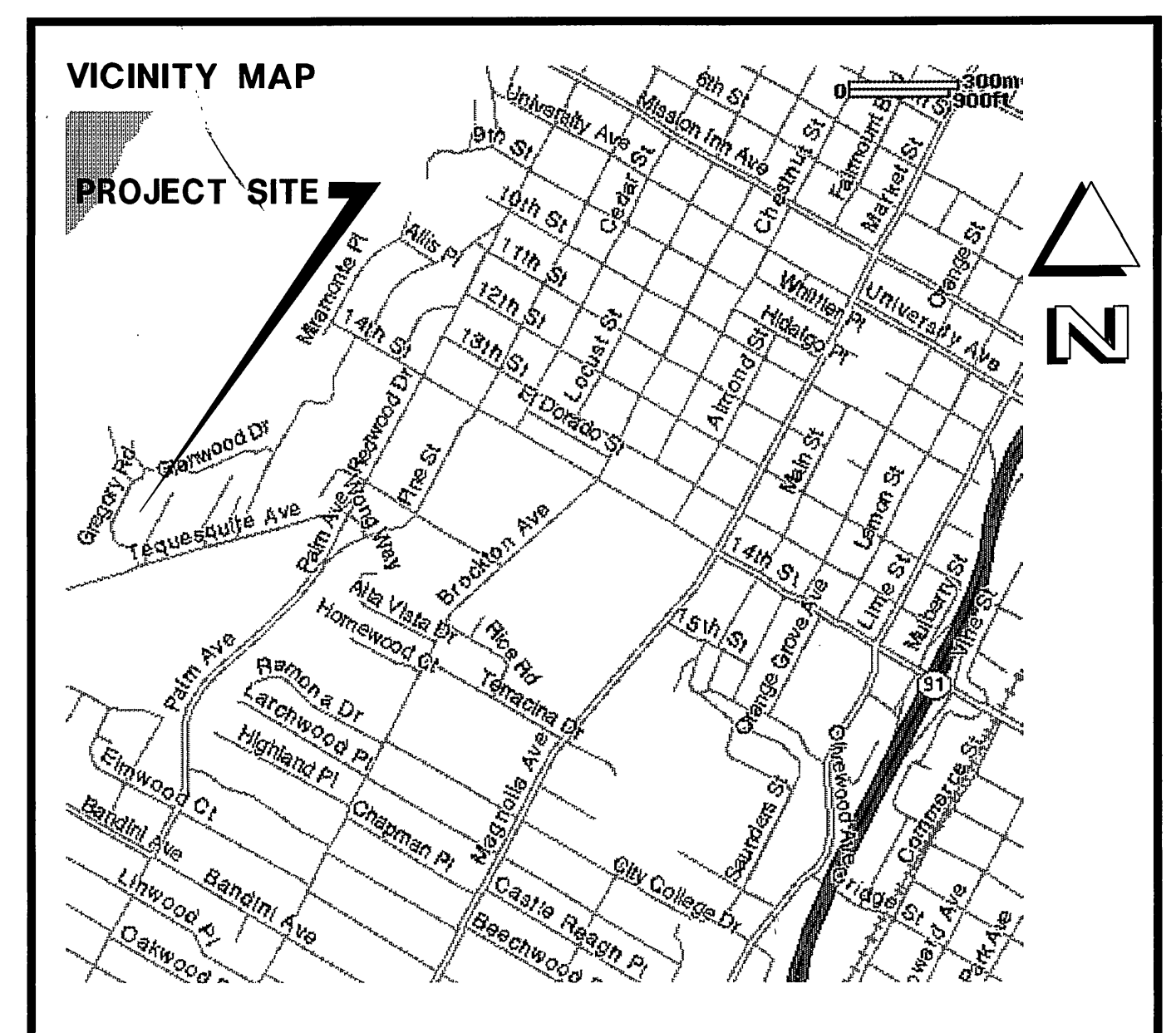
CALL UNDERGROUND SERVICE ALERT (USA) 1-800-227-2600 AT LEAST 48 HOURS PRIOR TO EXCAVATION.

THE QUANTITY ESTIMATE SHOWN HEREON IS FOR THE USE OF GOVERNING AGENCIES IN DETERMINING BOND AMOUNTS AND/OR FEES AND IS NOT TO BE USED FOR BID PURPOSES.

CONSTRUCTION NOTES & QUANTITIES		
No.	DESCRIPTION	QUANTITIES
1	CONSTRUCT 8" VCP SEWER MAIN (TYPICAL ALL MAINS), PIPE BEDDING CASE 1 PER CITY STD DWG No. 452	123 LF
2	INSTALL CONC MANHOLE PER CITY SEWER STD DWG No. 500	1 EA
3	CONSTRUCT 4" SEWER LATERAL WITH CLEANOUT @ P.L. PER CITY STD DWG NO. 562A	30 LF
4	CORE DRILL EXISTING MANHOLE BASE. RE-MODEL BASE TO FLOW TO MANHOLE #1.	LS
5	CUT AND PLUG EXISTING 6" VCP SEWER.	LS
6	ABANDON EXISTING MANHOLE. FILL WITH CEMENT SLURRY PER CITY REQUIREMENTS.	LS
7	CONSTRUCT 8" VCP SEWER MAIN, PIPE BEDDING CASE IV PER CITY STD DWG No. 452 (CONCRETE ENCASED)	12 LF

LEGEND:

- PROPOSED 8" V.C.P. SEWER MAIN —— 8" ——
- PROPOSED SEWER LATERAL WITH CLEANOUT ○
- PROPOSED SEWER MANHOLE ⊙
- EXISTING SEWER MAIN ---(18")---



*AS-BUILT 9-28-05 44

RIVERSIDE CITY BUSINESS TAX CERTIFICATE # 75296 EXP. 6/10/04 **PW04-0050**

Underground Service Alert
Call: TOLL FREE
1-800-227-2600
DIAL BEFORE YOU DIG
TWO WORKING DAYS BEFORE YOU DIG
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

Prepared Under The Supervision Of:
Vincent G. Kleppe
Date: 4-8-04
VINCENT G. KLEPPE
REGISTERED CIVIL ENGINEER NO. 65750
REGISTRATION EXPIRES: 12/31/04

THE PRIZM GROUP
2578 CORONA AVE. NORCO, CA 92860
PHONE: (909) 737-4406 • FAX: (909) 737-4407 • tpg@mindspring.com

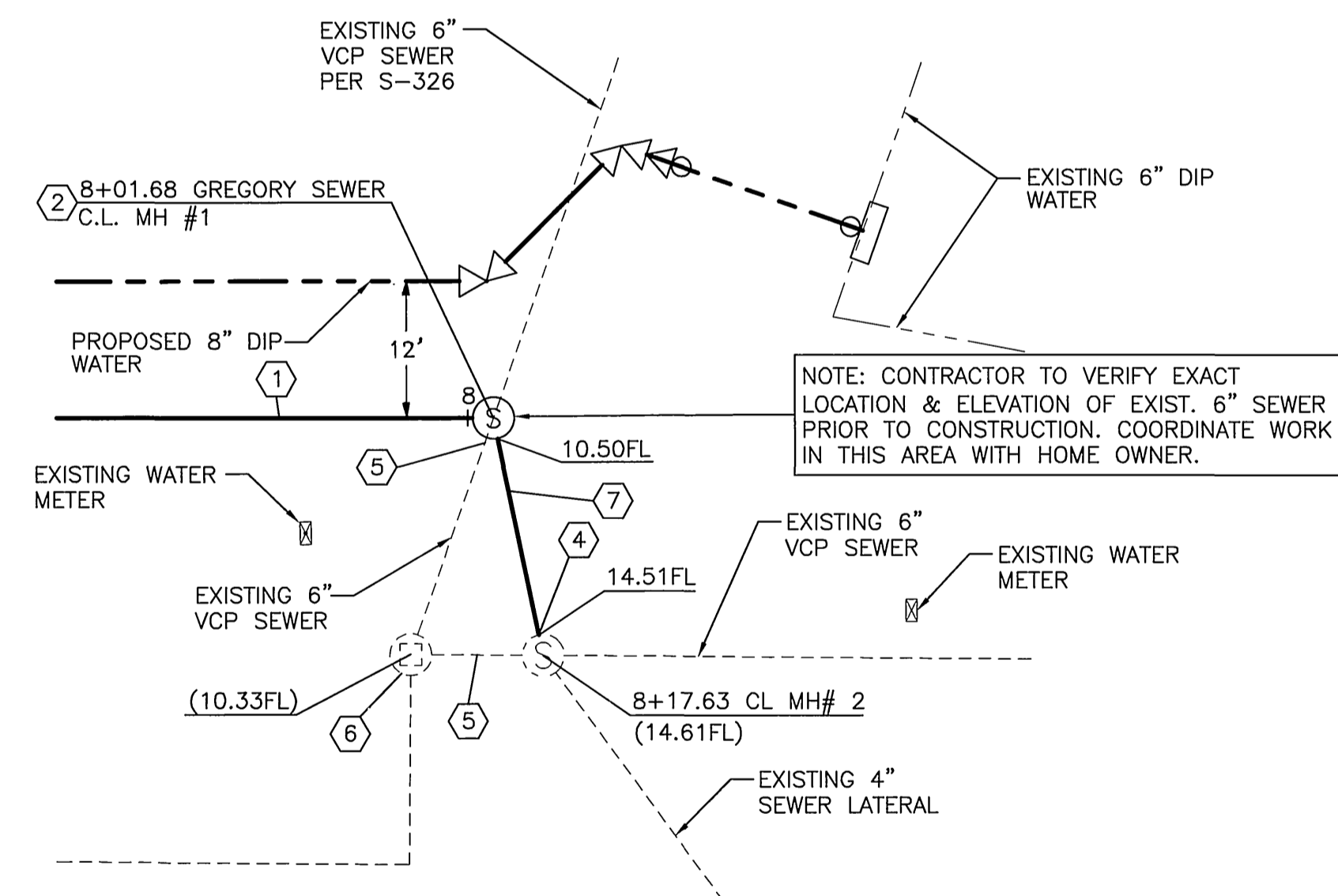
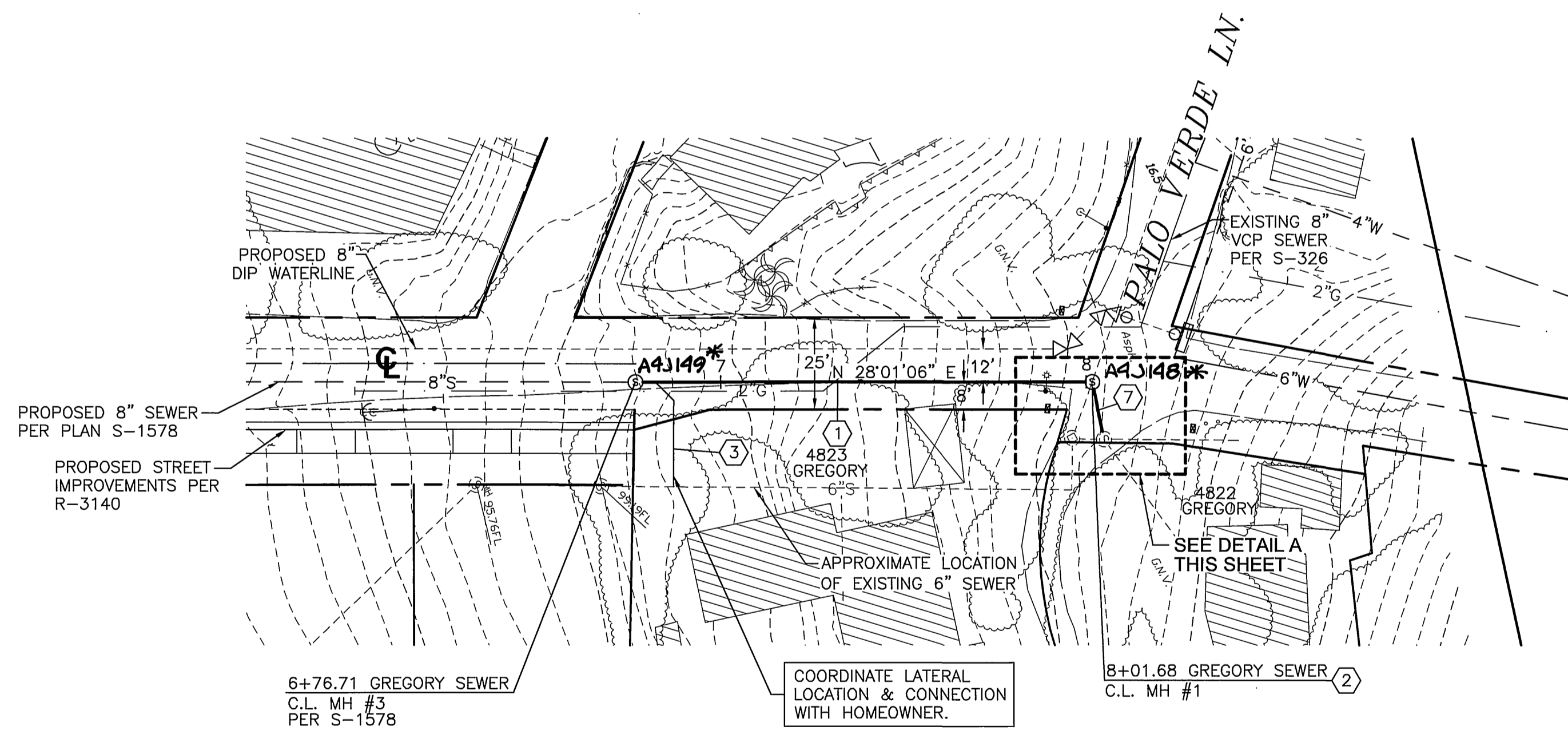
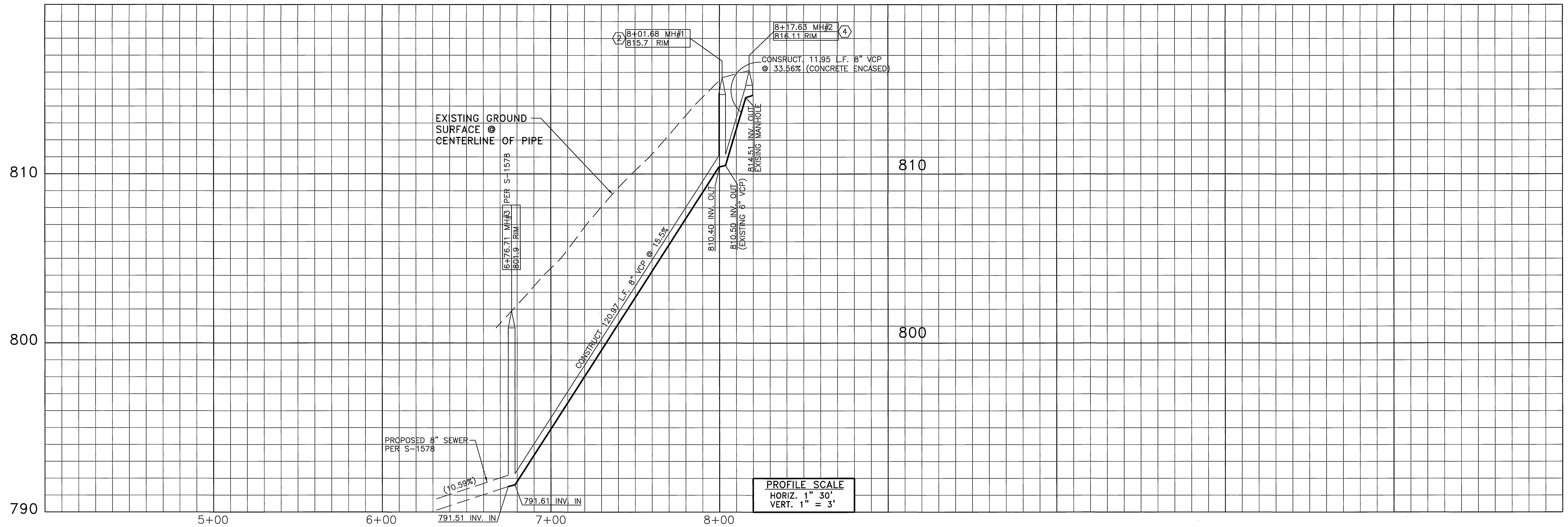
RIVERWOOD GLEN
Scale: N.T.S.
Date: 4-08-04

REMARK: _____
APR. DATE: _____
DESIGNED BY: _____ BM _____
CHECKED BY: _____ VGK _____

CITY OF RIVERSIDE
WATER DEPARTMENT
RS McElroy
APPROVED BY: *RM*

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
Approved By: _____ BY: _____ Date: 4/8/04
PRINCIPAL ENG. _____
PARK DEPARTMENT _____
TRAFFIC DIVISION _____
APPROVED BY: *Tom Boyd*
CITY ENGINEER
DATE: 4/3/04

TRACT 31511
SEWER IMPROVEMENT
PLANS-TITLE SHEET
S-1836
Sheet 1 OF 2 SHEETS
FILE NO. 03-062
File name: P:\TPG\03\03-062\SS\03-062-SS01.dwg
INDEXED 6-10-04 44



DETAIL A
SCALE: 1" = 10'

CONSTRUCTION NOTES & QUANTITIES	
No.	DESCRIPTION
①	CONSTRUCT 8" VCP SEWER MAIN (TYPICAL ALL MAINS), PIPE BEDDING CASE 1 PER CITY STD DWG No. 452
②	INSTALL CONC MANHOLE PER CITY SEWER STD DWG No. 500
③	CONSTRUCT 4" SEWER LATERAL WITH CLEANOUT @ P.L. PER CITY STD DWG No. 562A
④	CORE DRILL EXISTING MANHOLE BASE. RE-MODEL BASE TO FLOW TO MANHOLE #1.
⑤	CUT AND PLUG EXISTING 6" VCP SEWER.
⑥	ABANDON EXISTING MANHOLE. FILL WITH CEMENT SLURRY PER CITY REQUIREMENTS.
⑦	CONSTRUCT 8" VCP SEWER MAIN, PIPE BEDDING CASE IV PER CITY STD DWG No. 452 (CONCRETE ENCASEMENT)

IF THIS PROJECT IS STAKED BY A SURVEY CREW THAT IS NOT UNDER THE DIRECT SUPERVISION OF THE SIGNATORY ENGINEER, THE SIGNATORY ENGINEER IS NO LONGER THE ENGINEER OF RECORD AND IS NOT RESPONSIBLE FOR THE FINAL OUTCOME OF THE PROJECT. THE SIGNATORY ENGINEER IS NOT RESPONSIBLE FOR ANY ERRORS AND OMISSIONS THAT COULD HAVE BEEN CORRECTED IF THE PROJECT HAD BEEN STAKED BY A SURVEY CREW UNDER HIS DIRECT SUPERVISION.

GREGORY ROAD

* AS-BUILT 9-28-05 L/H

PW04-0050

Underground Service Alert
Call: TOLL FREE
1-800-227-2600
DIAL BEFORE YOU DIG
TWO WORKING DAYS BEFORE YOU DIG
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

Prepared Under The Supervision Of:
Vincent G. Kleppe
Date: 4-8-04
VINCENT G. KLEPPE
REGISTERED CIVIL ENGINEER NO. 55750
REGISTRATION EXPIRES: 12/31/04

REGISTERED PROFESSIONAL ENGINEER
VINCENT G. KLEPPE
No. 55750
Exp. 12/31/04
CIVIL
STATE OF CALIFORNIA

THE PRIZM GROUP
2578 CORONA AVE. NORCO, CA 92860
PHONE: (909) 737-4408 • FAX: (909) 737-4407 • tpg@mindspring.com

CYRAX 3-D LASER SCANNING
GPS & ROBOTIC SURVEYING
GEOMATIC ENGINEERING
CIVIL ENGINEERING
LAND PLANNING

Bench Mark:
FOUND BRASS DISK STAMPED
(6-F2) CAPPED AT THE
INTERSECTION OF THE
CENTERLINE OF ELEVENTH STREET
AND REDWOOD DRIVE. FIELD
BOOK NO. 735, PAGE NO. 56.
ELEVATION: 853.156

Scale: 1" = 30'
Date: 4-08-04

RIVERWOOD GLEN

DESIGNED BY: BM CHECKED BY: VGK

REMARK

APR. DATE:

CITY OF RIVERSIDE
WATER DEPARTMENT

APPROVED BY: *[Signature]*
DATE: 4/10/04

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

Approved By: BY: *[Signature]* Date: 4/10/04

APPROVED BY: *[Signature]*
CITY ENGINEER
DATE: 6/19/04

TRACT 31511
SEWER IMPROVEMENT
PLANS
GREGORY RD.

File name: P:\TPG\03\03-062\SS\03-062SS02.dwg

S-1836
Sheet 2 OF 2 SHEETS
FILE NO. 03-062

INDEXED 6-10-04 L/H