

# TRACT 29087-4

## SEWER IMPROVEMENT PLAN

### NOTICE TO CONTRACTOR

ACCORDING TO INFORMATION PROVIDED BY UNDERGROUND SERVICE ALERT (U.S.A) DATED JULY 23, 1996, THE FOLLOWING ORGANIZATIONS ARE U.S.A. MEMBERS WITHIN THE PROJECT AREA:

CHARTER COMMUNICATIONS	MEDIA-ONE CORONA
PACIFIC BELL MOBILE SERVICE	PACIFIC BELL
QUESTAR LINE 90 COMPANY	CITY OF RIVERSIDE
SANTA ANA WATERSHED PROJECT AUTH.	THE GAS COMPANY

THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND (UTILITY PIPES, STRUCTURES, ETC.) SHOWN ON THESE PLANS (MAIN LINES ONLY - NO SERVICE LATERALS) WERE ASCERTAINED BY A REVIEW OF RECORDS PROVIDED BY THESE MEMBER AGENCIES AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR THE UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN.

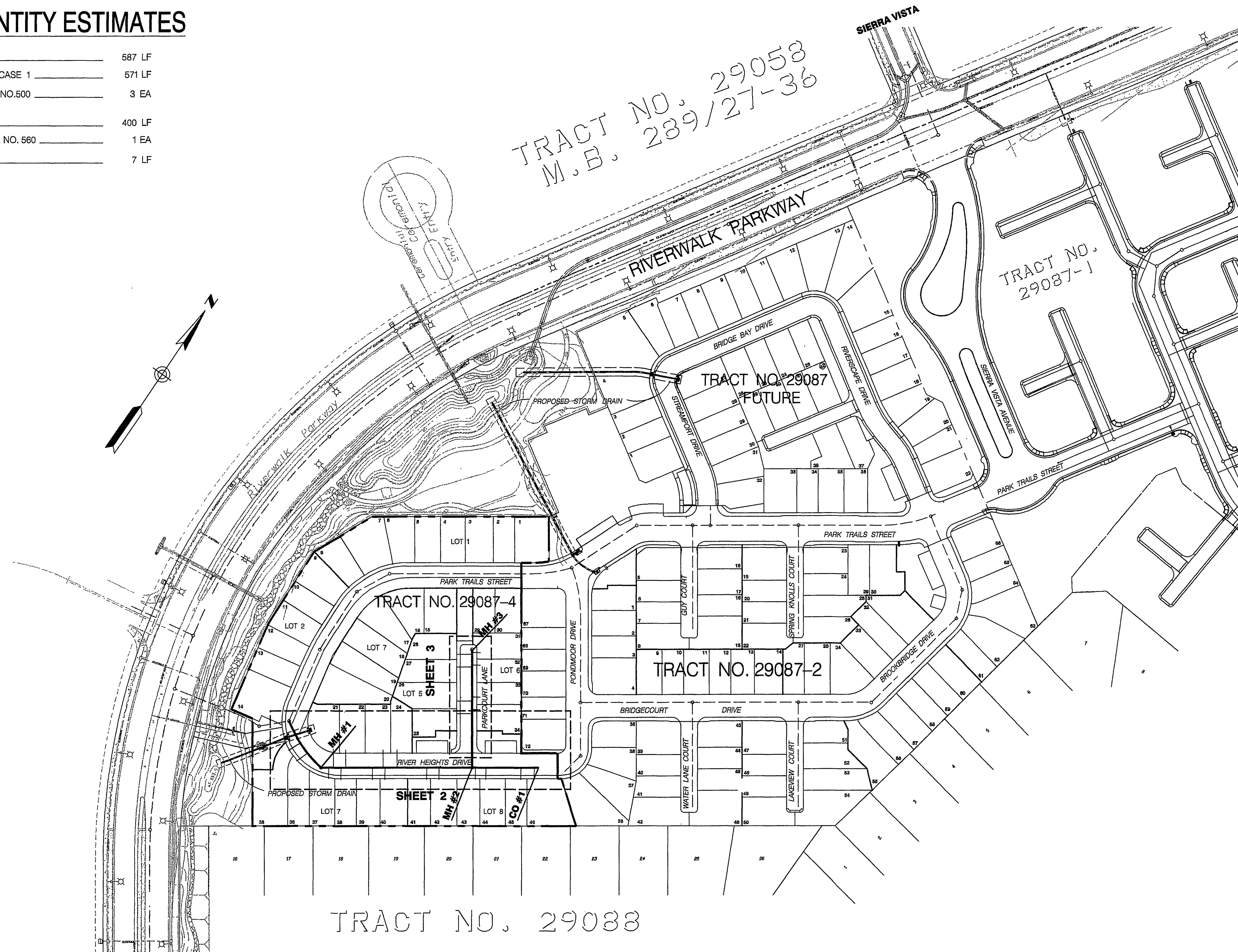
THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

### SEWER NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE SPECIAL PROVISIONS OF THE 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 REVISIONS TO 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 THE 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.
- CONTRACTOR IS TO VERIFY EXISTING SEWER LOCATION AND ELEVATION PRIOR TO START OF 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 COMPLETE.
- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-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.
- 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.

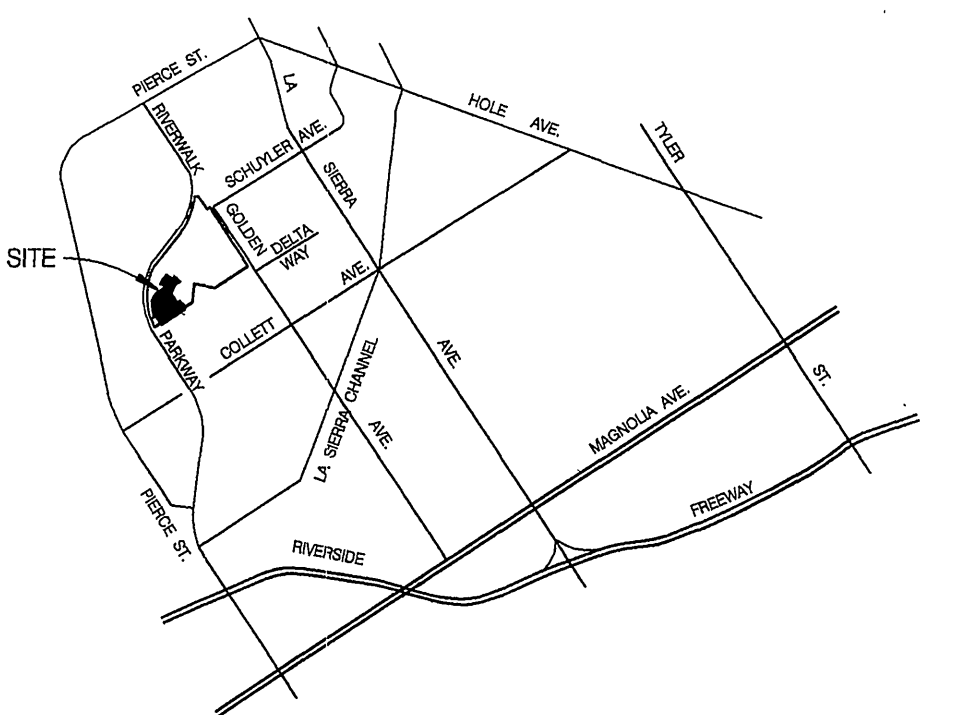
### CONSTRUCTION NOTES & QUANTITY ESTIMATES

- |   |  |        |
|---|--|--------|
| ① | CONSTRUCT 8" VCP SEWER   | 587 LF |
| ② | PLACE PIPE BEDDING PER CITY OF RIVERSIDE STD. DWG. NO. 452, CASE 1                             | 571 LF |
| ③ | CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500                                | 3 EA   |
| ④ | CONSTRUCT 4" SEWER LATERAL W/CLEANOUT @ PROPERTY LINE PER CITY OF RIVERSIDE STD. DWG. NO. 582A | 400 LF |
| ⑤ | CONSTRUCT SEWER CLEANOUT PER CITY OF RIVERSIDE STD. DWG. NO. 560                               | 1 EA   |
| ⑥ | REMOVE EXISTING STUB   | 7 LF   |



### INDEX MAP

NOT TO SCALE



### VICINITY MAP

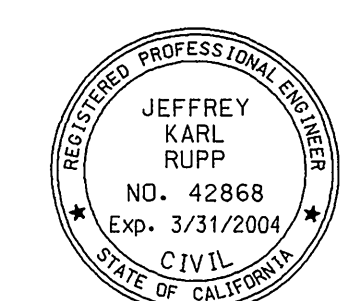
NOT TO SCALE

CITY OF RIVERSIDE WATER DEPARTMENT	(SHEETS 1 THRU 3)	CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT OVERHEAD AND UNDERGROUND
APPROVED BY: <i>[Signature]</i>	DATE: 5/15/03	APPROVED BY: <i>[Signature]</i>

Underground Service Alert  
Call: TOLL FREE  
1-800-227-2600  
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 ANY CONTRACTOR WHOSE EMPLOYEES ARE TO WORK ON THIS PROJECT SHALL BE HELD RESPONSIBLE FOR ANY AND ALL SAFETY AND LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

**BENCH MARK DESCRIPTION**  
CITY OF RIVERSIDE BENCH MARK NO. E2-H3 P.K. NORTHERLY CURB RETURN OF COLLETT AVENUE AND GOLDEN AVENUE  
ELEVATION: 697.978



CITY OF RIVERSIDE BUSINESS TAX ACCT. NO. 36955 EXPIRES 4-13-04

**DAVID EVANS AND ASSOCIATES INC**  
800 North Haven Avenue, Suite 300  
Ontario California 91764  
Phone: 909.481.5750

PLANS PREPARED UNDER THE SUPERVISION OF:  
*[Signature]* DATE: 4-30-03  
JEFFREY K. RUPP R.C.E. 42868

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: LKH DRAWN BY: SLB CHECKED BY: KFS

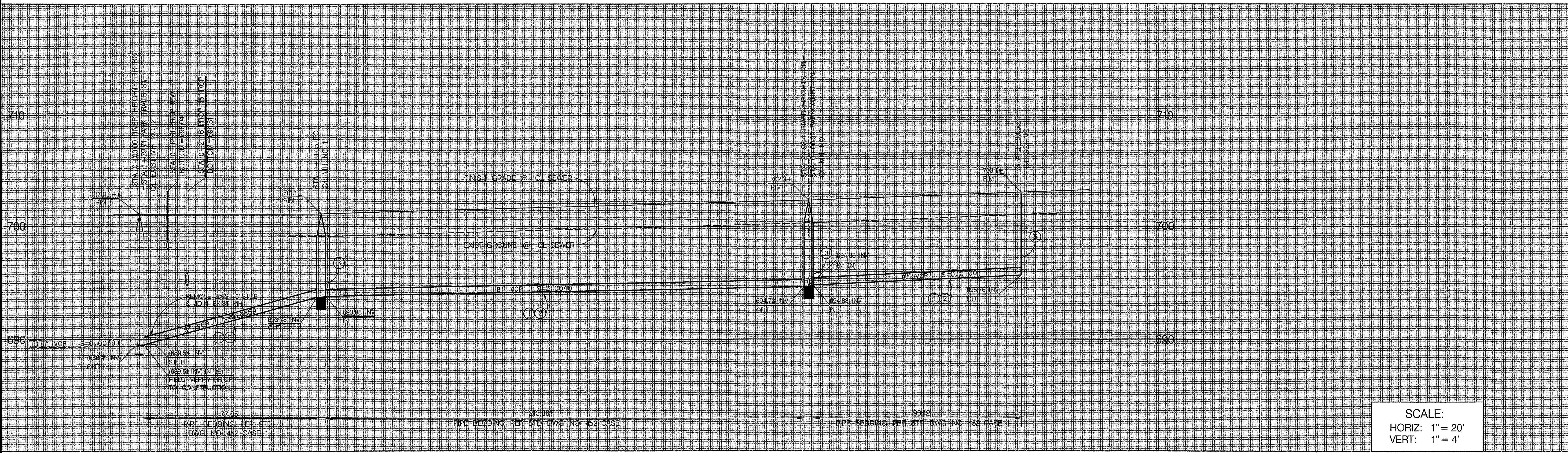
CITY OF RIVERSIDE, CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY:	BY:	DATE:	APPROVED BY:
PRINCIPAL ENGR.	<i>[Signature]</i>	4/15/03	<i>[Signature]</i>
PARK DEPARTMENT			CITY ENGINEER
TRAFFIC DIVISION			

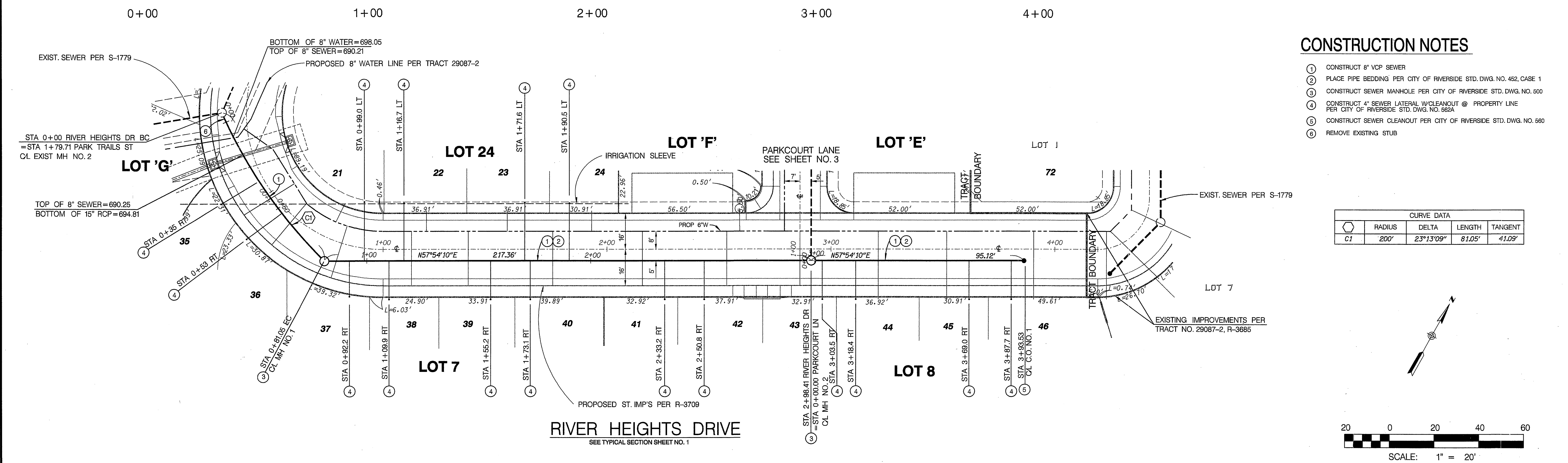
DATE: 5/15/03

SEWER IMPROVEMENT PLAN	PROJECT NO. GRIF001
TRACT NO. 29087-4	S-1797
TITLE SHEET	SHEET 1 OF 3
SCALE: AS NOTED	FILE NO.:

INDEXED 3-0-03 4-H



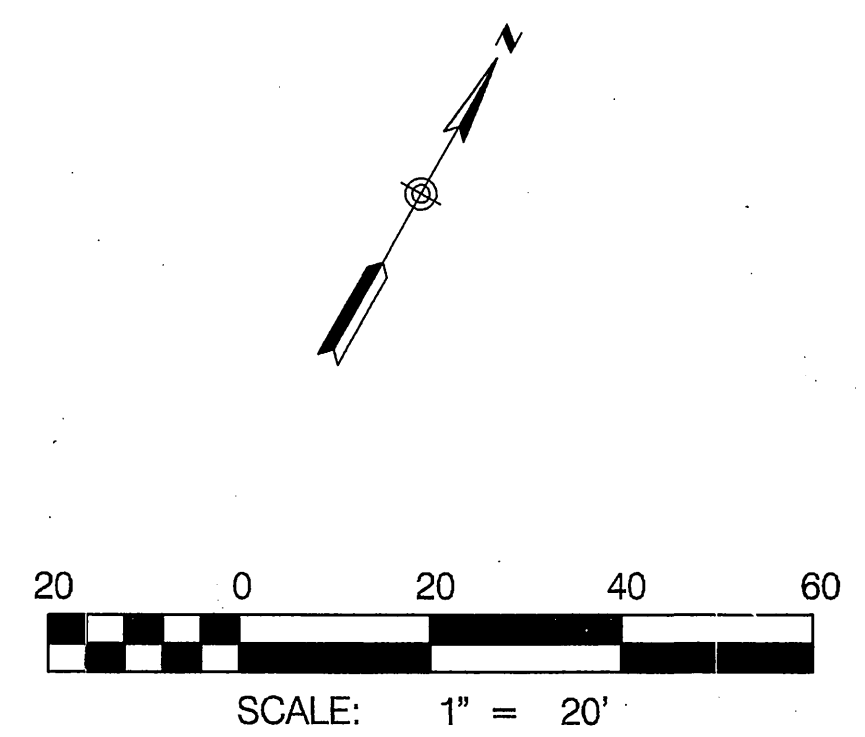
SCALE:  
 HORIZ: 1" = 20'  
 VERT: 1" = 4'



**CONSTRUCTION NOTES**

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- ④ CONSTRUCT 4" SEWER LATERAL W/CLEANOUT @ PROPERTY LINE PER CITY OF RIVERSIDE STD. DWG. NO. 562A
- ⑤ CONSTRUCT SEWER CLEANOUT PER CITY OF RIVERSIDE STD. DWG. NO. 560
- ⑥ REMOVE EXISTING STUB

CURVE DATA				
RADIUS	DELTA	LENGTH	TANGENT	
C1	200'	23°13'09"	81.05'	41.09'



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**BENCH MARK DESCRIPTION**  
 CITY OF RIVERSIDE BENCH MARK NO. E2-H3 P.K. NAIL AND TAG IN THE CENTER OF THE MOST NORTHERLY CURB RETURN OF COLLETT AVENUE AND GOLDEN AVENUE  
 ELEVATION: 697.978

**JEFFREY KARL RUPP**  
 REGISTERED PROFESSIONAL ENGINEER  
 NO. 42868  
 Exp. 3/31/2004  
 CIVIL  
 STATE OF CALIFORNIA

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 800 North Haven Avenue, Suite 300  
 Ontario California 91764  
 Phone: 909.481.5750

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DESIGNED BY LKHKFS DRAWN BY SLB CHECKED BY KFS

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 DEPARTMENT OF PUBLIC WORKS

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 PRINCIPAL ENGR. PARK DEPARTMENT TRAFFIC DIVISION

APPROVED BY: [Signature] DATE: 5/15/03  
 CITY ENGINEER

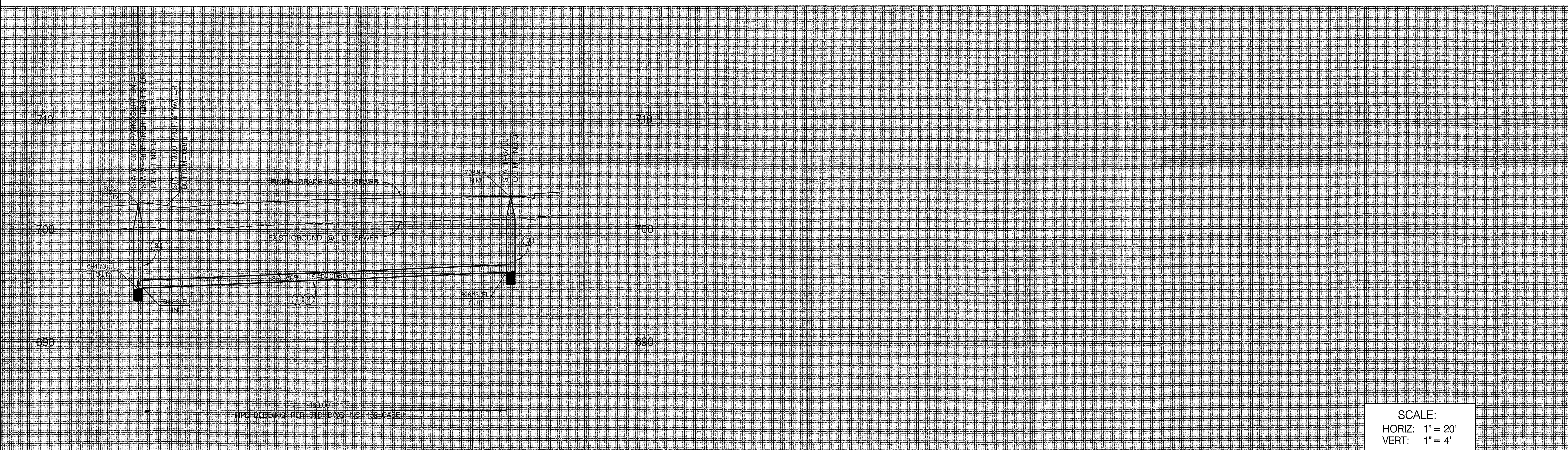
SEWER IMPROVEMENT PLAN  
 TRACT NO. 29087-4  
 RIVER HEIGHTS DRIVE  
 STA 0+00 TO STA 3+93.53

PROJECT NO. GRIF001  
 S-1797  
 SHEET 2 OF 3  
 FILE NO.:

SCALE: HORIZ: 1" = 20' VERT: 1" = 4'

INDEXED 7-01-03 LFT

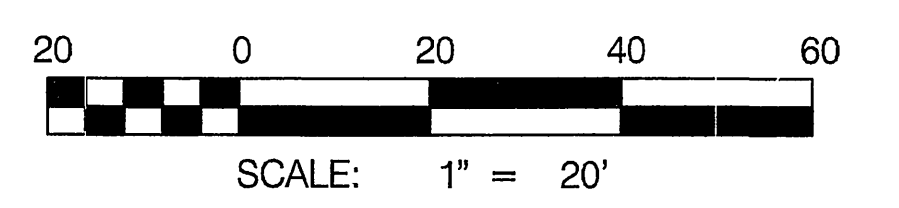
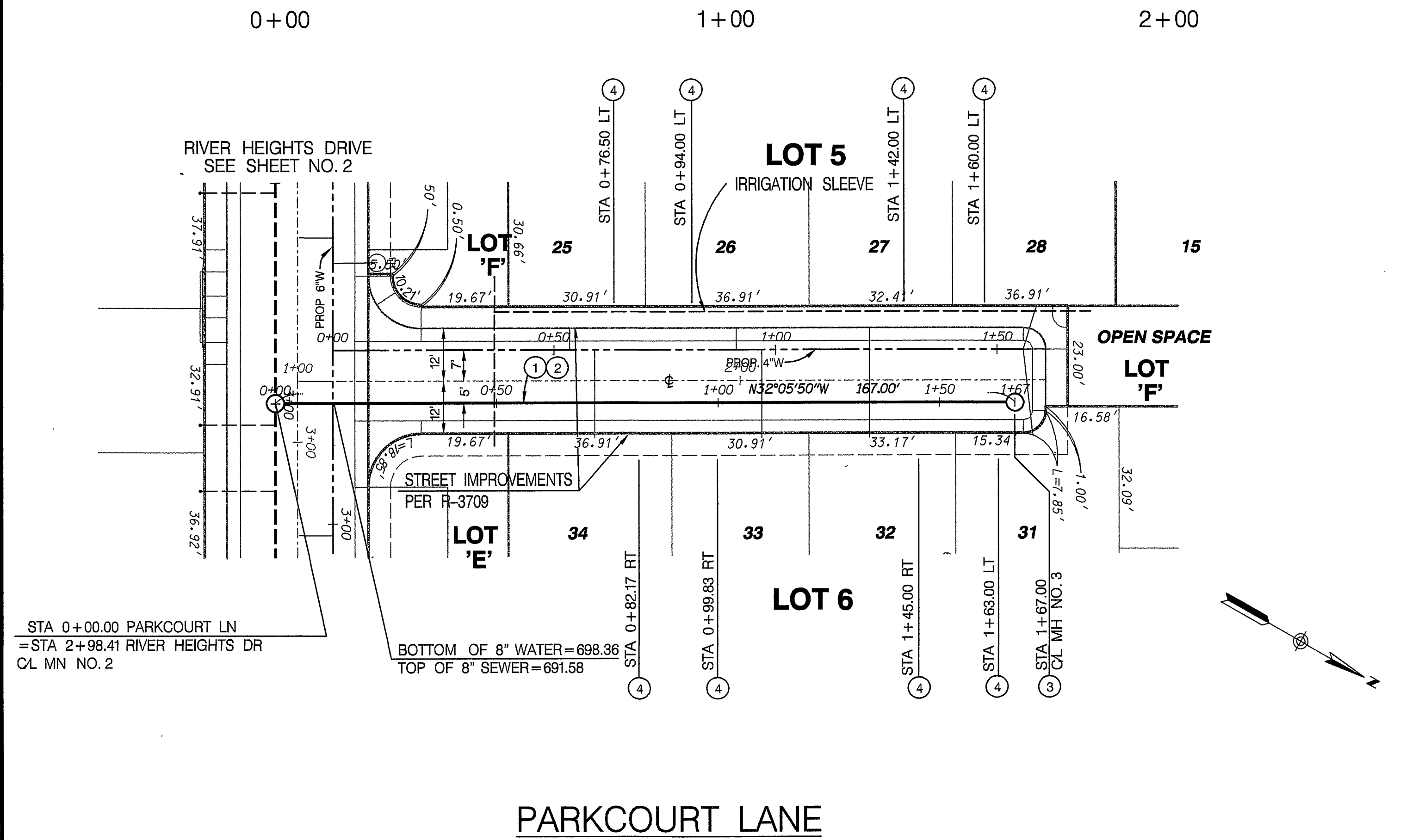
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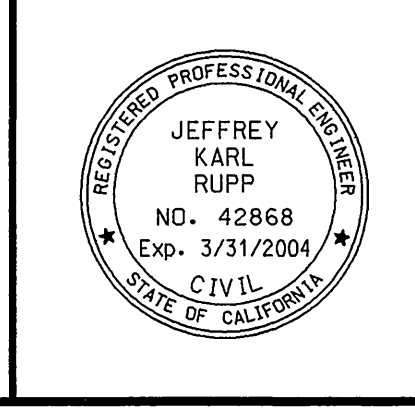
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 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]  
 PRINCIPAL ENGR. BY DATE  
 PARK DEPARTMENT  
 TRAFFIC DIVISION

APPROVED BY: [Signature]  
 CITY ENGINEER  
 DATE 8/3/03

SEWER IMPROVEMENT PLAN  
 TRACT NO. 29087-4  
 PARKCOURT LANE  
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PROJECT NO. GRIF001  
 S-1797  
 SHEET 3 OF 3  
 FILE NO.: