

# SEWER IMPROVEMENT PLANS FOR: TRACT No. 29628

### GENERAL NOTES

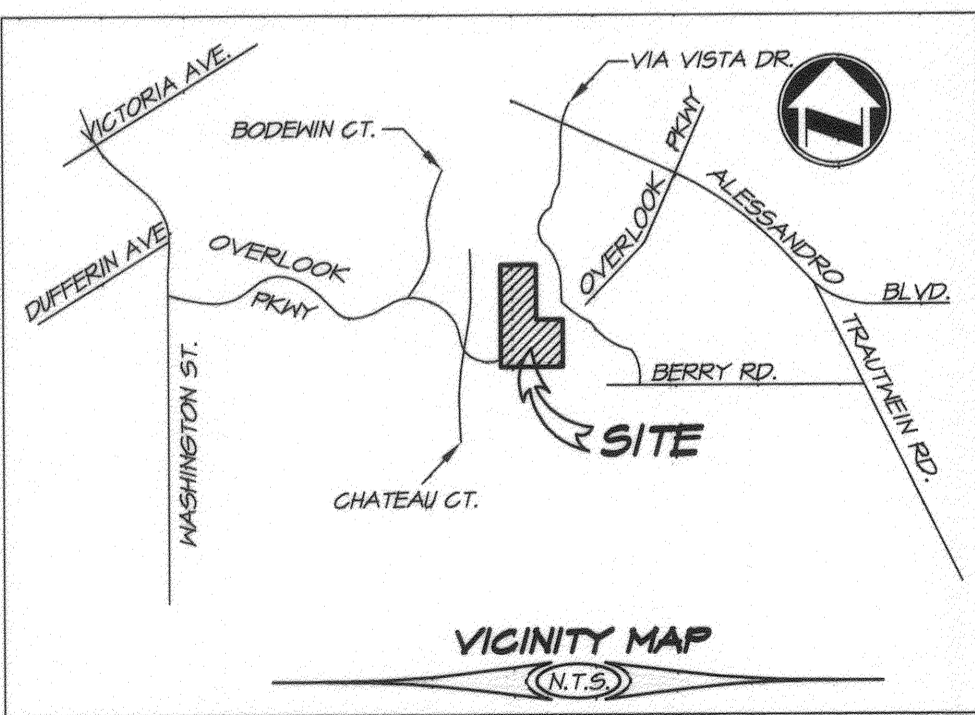
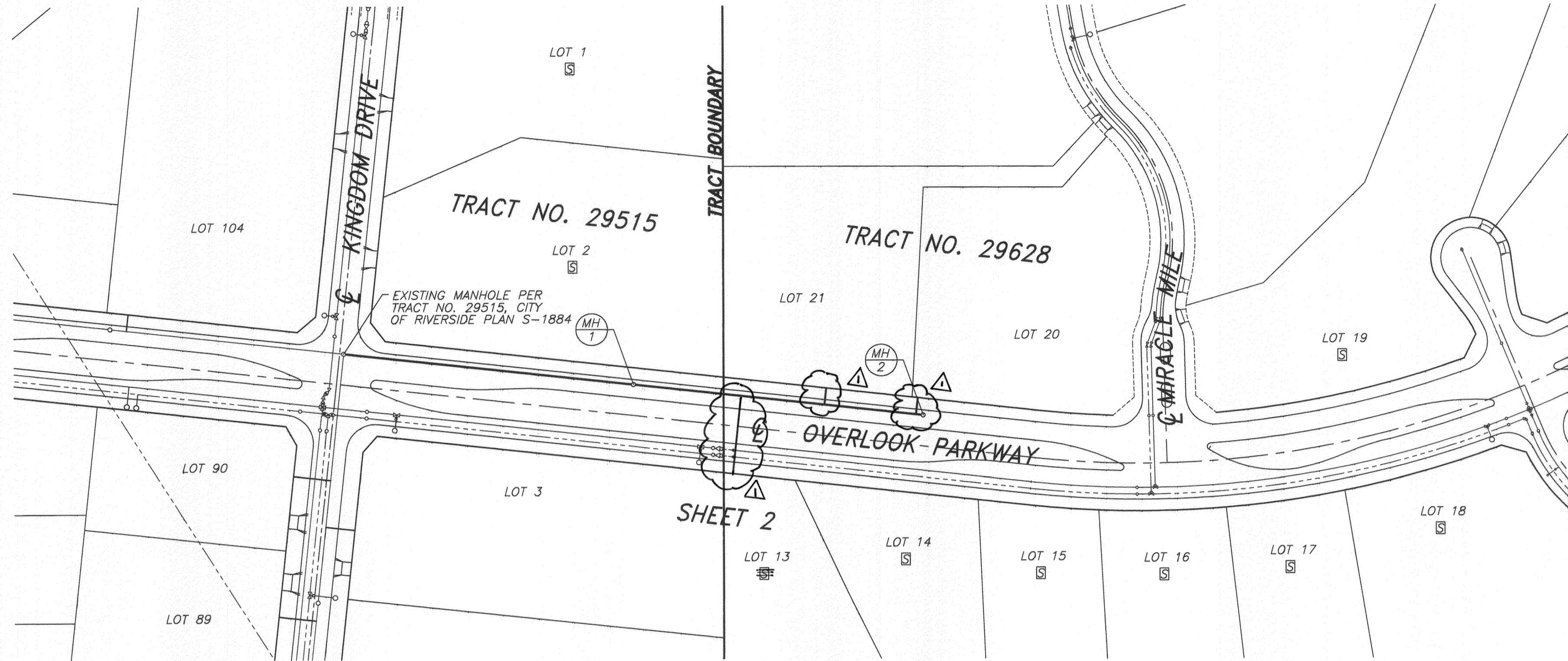
1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
2. IT SHALL BE THE RESPONSIBILITY 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.
3. 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.
4. 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.
5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
6. 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.
7. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
8. 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.
9. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
10. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
11. 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.
12. 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.
13. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
14. PIPE JOINTS FOR VITRIFIED CLAY PIPE SHALL BE TYPE "G" AS SPECIFIED IN SECTION 208-2.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS PROJECTS. IF PLASTIC PIPE IS ALLOWED AS AN ALTERNATIVE; ALL PIPE JOINTS SHALL BE GASKETED. CEMENTED JOINTS SHALL NOT BE ALLOWED.

### CONSTRUCTION NOTES AND QUANTITY ESTIMATE

THE QUANTITIES SHOWN BELOW ARE FOR BONDING INFORMATION ONLY. THE CONTRACTOR IS TO CONSTRUCT PROJECT PER THESE PLANS AND SUBMIT CONSTRUCTION BID BASED ON THEIR OWN QUANTITY "TAKE-OFF".

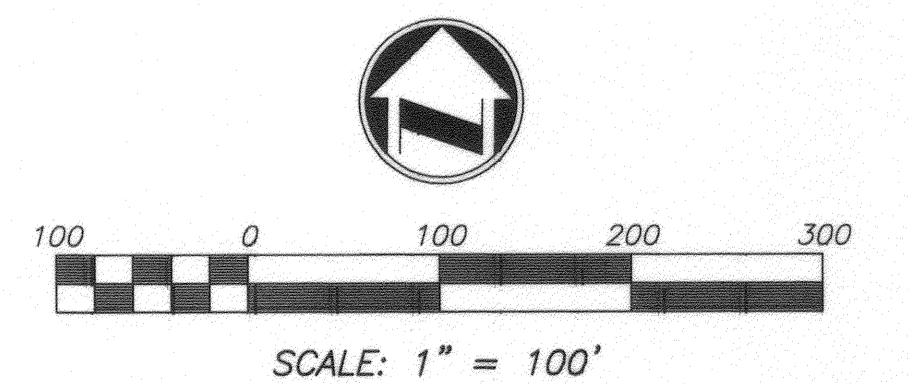
- |  |        |
|--|--------|
| ① CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY STD. DWG. NO. 452 | 700 LF |
| ② CONSTRUCT MANHOLE PER CITY STD. DWG. 500                                   | 2 EA   |
| ③ CONSTRUCT 4" V.C.P. SEWER LATERAL WITH P.C.O. PER CITY STD. DWG. 504       | 124 LF |

**NOTE:**  
THE SOILS ENGINEER HAS NOTIFIED THE CITY THAT AN ABUNDANCE OF ROCK HAS BEEN ENCOUNTERED DURING INSTALLATION OF THE SEWER. THE EXCAVATION OF THE ROCK REQUIRES EXTRAORDINARY MEASURES, INCLUDING BLASTING. FOR THIS REASON SEWER LATERAL STANDARD NO. 454, CASE A, IS TO BE USED. THE SEWER LATERALS ARE TO BE ENCASED PER STANDARD NO. 504 (MODIFIED 4" THICK CONCRETE) FROM THE RIGHT-OF-WAY TO THE 45° ELBOW, DOWN.



### LEGEND

- ⊕ ..... CENTERLINE
- R/W ..... RIGHT OF WAY
- MH ..... MANHOLE
- ⊞ ..... SEPTIC



PUBLIC UTILITIES - WATER DEPT.

APPROVED BY: MW Muel DATE: 4/17/08



**Underground Service Alert**  
Call: TOLL FREE  
**1-800-227-2600**  
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT. #058833 EXP. 1/1/09  
PLANS PREPARED BY:  
**adkan ENGINEERS**  
Civil Engineering - Surveying - Planning  
8820 Airport Drive, Riverside, CA 92504  
Tel: (951) 888-0711 Fax: (951) 888-0599  
Under the Supervision of: [Signature] 4/14/08  
Professional Engineer License No. 53390 Exp. 06/30/09

BENCHMARK: F7 - K3  
CITY OF RIVERSIDE REFERENCE LL477.  
PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT ALONG THE SOUTHERLY CURB OF OVERLOOK PARKWAY 175 FEET EAST OF CHATEAU RIDGE DRIVE. TRANSFER FROM F7-C2 BY CITY SURVEY CREW 6/10/2002.  
ELEVATION: 1426.960

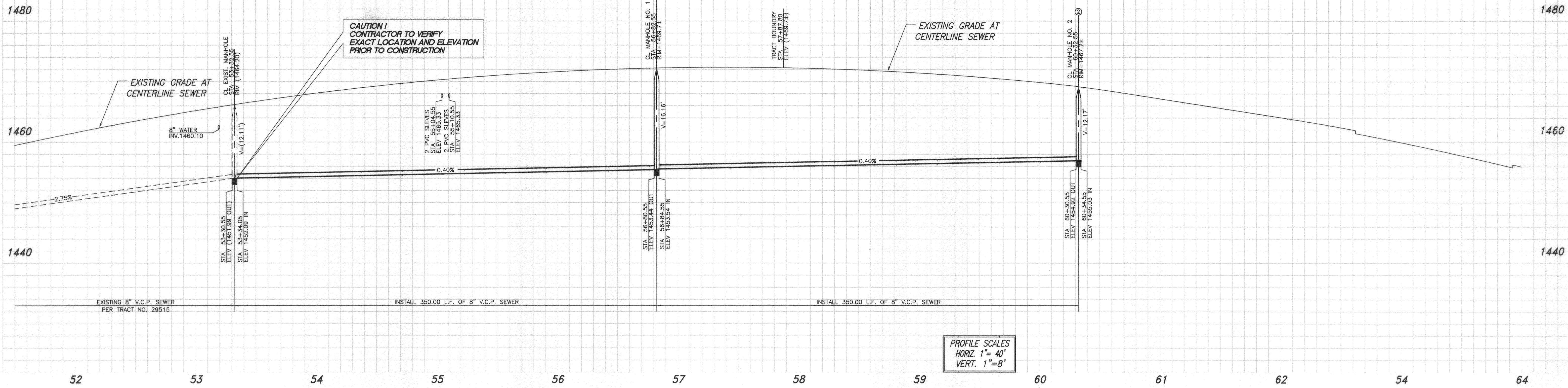
DESIGNED BY: RICK	DRAWN BY: RICK	CHECKED BY: C-
MARK	REVISIONS	APPR. DATE

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**

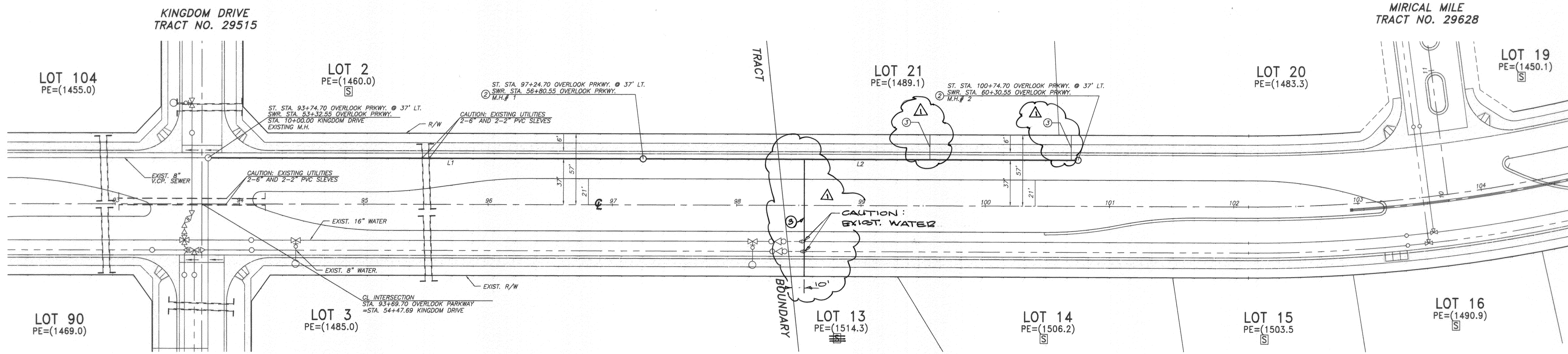
APPROVED BY	DATE	BY	APPROVED BY
PRINCIPAL ENGINEER	4/24/08	[Signature]	[Signature]
CITY ENGINEER			
DATE	4/24/08		

SEWER IMPROVEMENT PLAN	PW08-0061
<b>OVERLOOK PARKWAY</b>	<b>S-2051</b>
TRACT 29628	SHEET <b>1</b> OF <b>2</b>
BETWEEN KINGDOM DRIVE AND MIRACLE MILE	J.N.
STA. 53+32.55 TO STA. 60+30.55	
HORIZ. SCALE: AS NOTED	VERT. SCALE: NONE

INDEXED 5-01-08 lfh



PROFILE SCALES  
 HORIZ. 1" = 40'  
 VERT. 1" = 8'

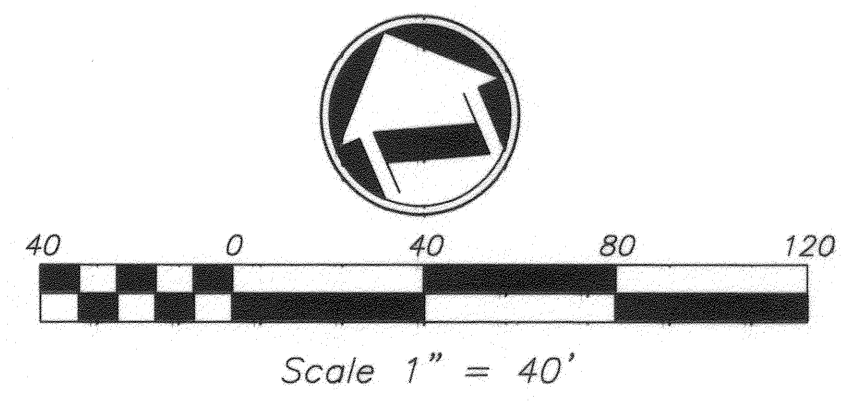


**CONSTRUCTION NOTES AND QUANTITY ESTIMATE**

- ① CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452
- ② CONSTRUCT MANHOLE PER CITY STD. DWG. 500
- ③ CONSTRUCT 4" V.C.P. SEWER LATERAL WITH R.C.O. PER CITY STD. DWG. 500A, CASE A

LINE TABLE		
LINE	LENGTH	BEARING
L1	350.00'	N83°50'49"W
L2	350.00'	N83°50'49"W

**OVERLOOK PARKWAY**



PUBLIC UTILITIES - WATER DEPT.  
 APPROVED BY: MW M...L DATE: 4/17/08



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 TWO WORKING DAYS BEFORE YOU DIG

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 PLANS PREPARED BY:  
**adkan ENGINEERS**  
 Civil Engineering - Surveying - Planning  
 6820 Airport Drive, Riverside, CA 92504  
 Tel:(951) 698-0941 Fax:(951) 688-0589  
 Under the Supervision of: [Signature]  
 Chartered Leach, R.C.E. 53390 Exp. 06.30.09 Date:

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DESIGNED BY: RICK DRAWN BY: RICK CHECKED BY: C-  
 REVISIONS: 1. REVISED SWR. LAT. STA. 6  
 APPROVED SWR. LAT. 9-22-08 RIZ 9/23/08

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**  
 APPROVED BY: [Signature] DATE: 4/29/08  
 PRINCIPAL ENGINEER  
 APPROVED BY: [Signature]  
 CITY ENGINEER

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**OVERLOOK PARKWAY**  
 TRACT 29628  
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 STA. 53+32.55 TO STA. 60+30.55  
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 SHEET 2 OF 2  
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