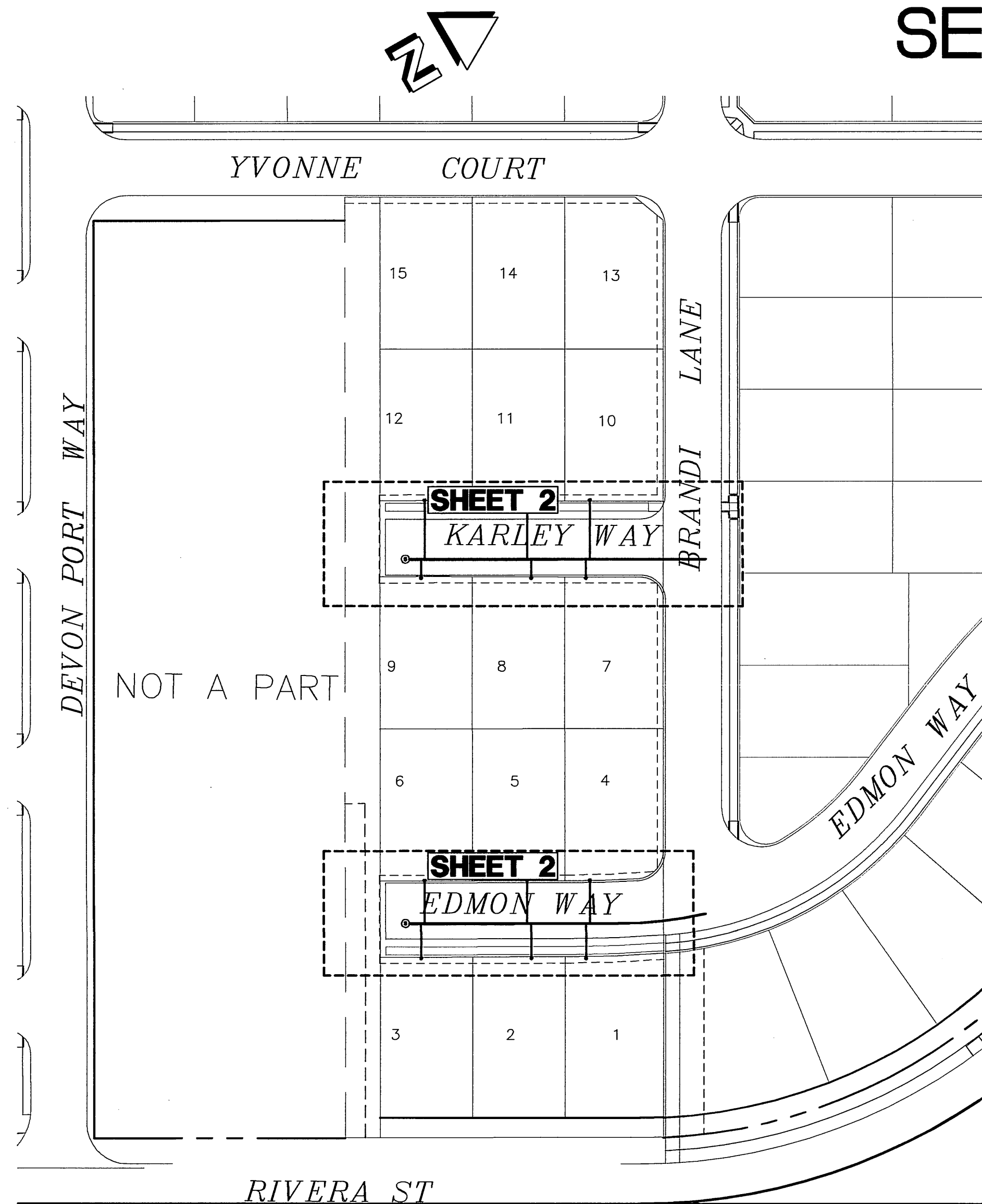


# SEWER IMPROVEMENT PLAN TRACT NO.33051



NOTE: FOR LATERALS TO LOTS 13-15  
SEE SHEET 4 OF PLAN S-1838.

## INDEX MAP

SCALE: 1"=50'

## 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. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
6. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
7. 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..
8. 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. (951) 351-6150.
9. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.
10. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
11. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
12. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
13. 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.
14. 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.
15. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.

## P.V.C. SEWER NOTES

1. BACKFILL MATERIAL SHALL BE COMPACTED TO COMPLY WITH SECTION 306-1.3.4. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1997 EDITION.
2. BEDDING SHALL BE IN CONFORMANCE WITH SUB-SECTION 306.1.2.1 OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1997 EDITION.
3. P.V.C. PIPING SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1997 EDITION, SECTION 207-17.1. ALL JOINTS TO BE GASKETED TYPE.
4. P.V.C. PIPE SHALL BE INSTALLED IN CONFORMANCE WITH SUBSECTION 306-1.2.13 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1997 EDITION.

## BENCHMARK

CITY OF RIVERSIDE BENCH MARK GPS-51: 2 1/2" BRASS DISK STAMPED "CITY OF RIVERSIDE GPS STATION 51 1991 CADME" SET IN THE TOP OF A CATCH BASIN ALONG THE NORTHERLY CURB OF COLUMBIA AVENUE, 4 FEET EAST OF THE NORTHEAST OF MAIN STREET AT COLUMBIA AVENUE. ELEV.: 813.66

## BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CENTER LINE OF RIVERA STREET BETWEEN MARKET STREET AND STRONG STREET AS SHOWN ON TRACT 3998 FILED IN BOOK 65 PAGE 13 THROUGH 14 INCLUSIVE, RECORDS OF RIVERSIDE COUNTY. SAID LINE BEARS N 29°44'41" 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.

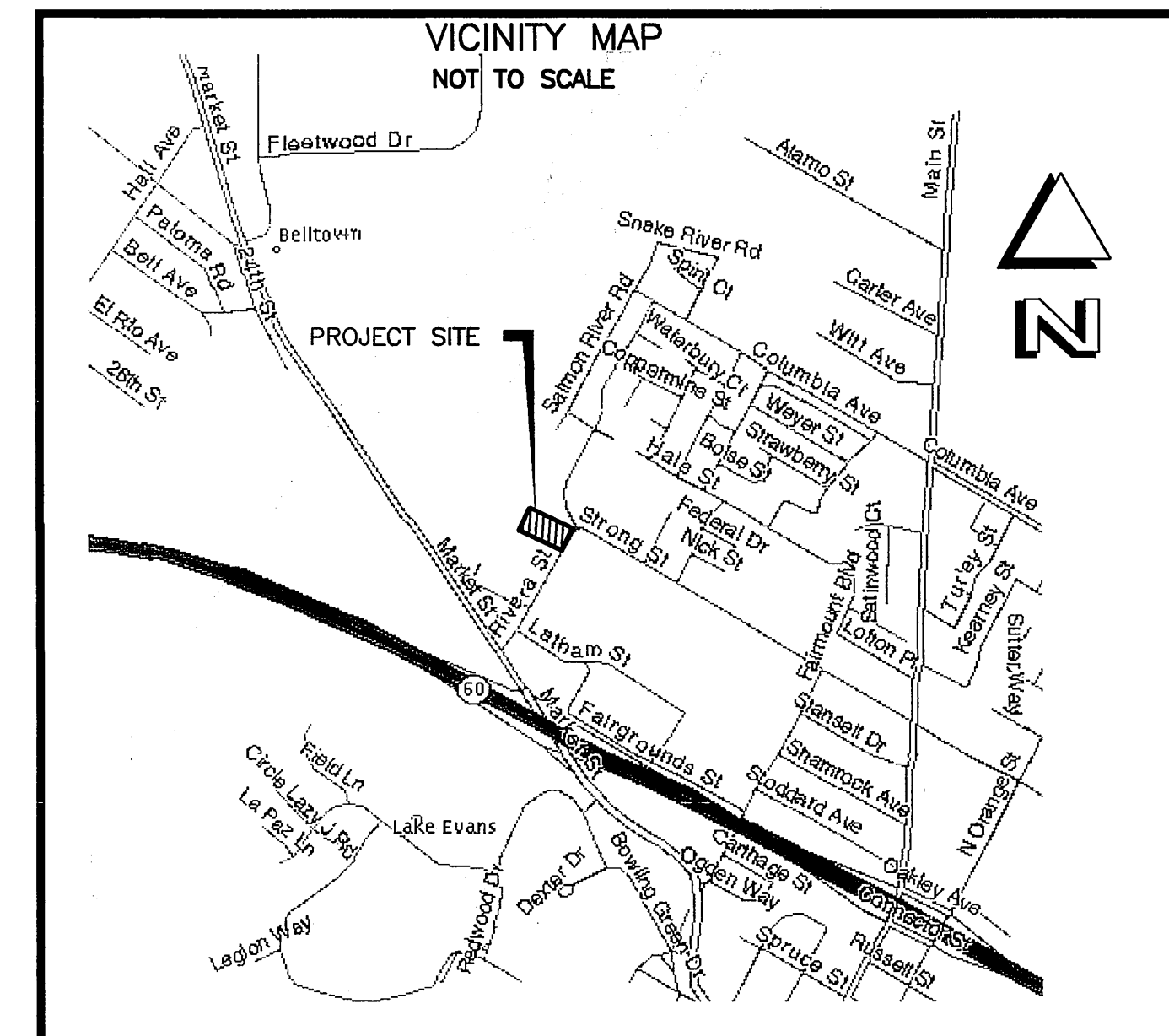
THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

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.

## LEGEND:

- PROPOSED 8" V.C.P. SEWER MAIN
- PROPOSED SEWER LATERAL WITH CLEAN OUT
- PROPOSED SEWER MANHOLE
- EXISTING SEWER MAIN



CONSTRUCTION NOTES & QUANTITIES		
No.	DESCRIPTION	QUANTITIES
①	CONSTRUCT 8" VCP OR PVC SEWER MAIN (TYPICAL ALL MAINS), PIPE BEDDING CASE 1 PER C.O.R. STD DWG No. 452	260 L.F.
②	INSTALL CONC MANHOLE PER C.O.R. STD DWG No. 500	2 EA.
③	CONSTRUCT 4" SEWER LATERAL WITH CLEAN OUT @ P.L. PER C.O.R. STD DWG NO. 562A, PIPE BEDDING CASE 1 PER C.O.R. STD DWG No. 452	15 EA.

**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:  
Date: 9-22-05  
SCOTT M. WILSON  
REGISTERED CIVIL ENGINEER NO. 49884  
REGISTRATION EXPIRES: 09/30/08



**WILSON MIKAMI CORPORATION**  
3 PETERS CANYON, SUITE 110  
IRVINE, CA 92606  
T: 949-679-0090  
F: 949-679-0091

**RIVERA VILLAS**

Scale: 1" = 50'  
Date: 2-15-05

Bench Mark:  
GPS-51  
(SEE THIS SHEET)

REVISIONS:		
REMARK	DESCRIPTION	APR. DATE

DESIGNED: RP	DRAWN: RP	CHECKED: SMW
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CITY OF RIVERSIDE  
WATER DEPARTMENT  
APPROVED BY: [Signature]  
DATE: 9/22/05

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

Approved By:	BY:	Date:	APPROVED BY:
PRINCIPAL ENG.	[Signature]	9/22/05	[Signature]
PARK DEPARTMENT			
TRAFFIC DIVISION			

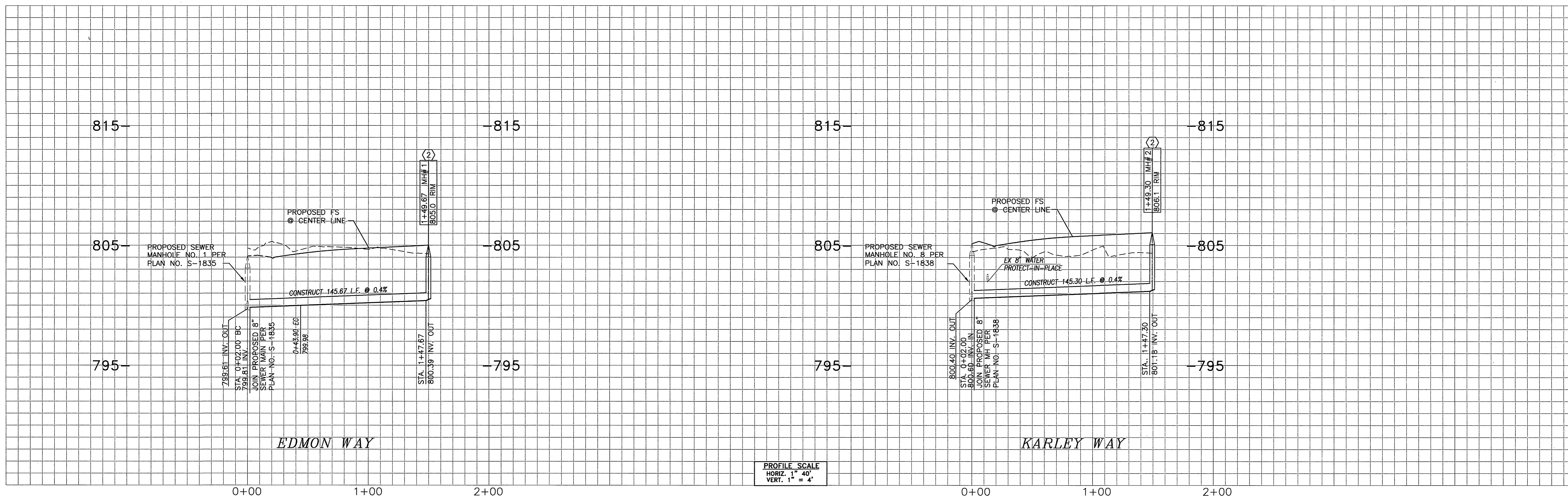
RIVERSIDE CITY BUSINESS TAX CERTIFICATE # 116925 EXP. 7/22/06 **PW05-0133**

**TRACT 33051  
SEWER IMPROVEMENT  
PLANS-TITLE SHEET**

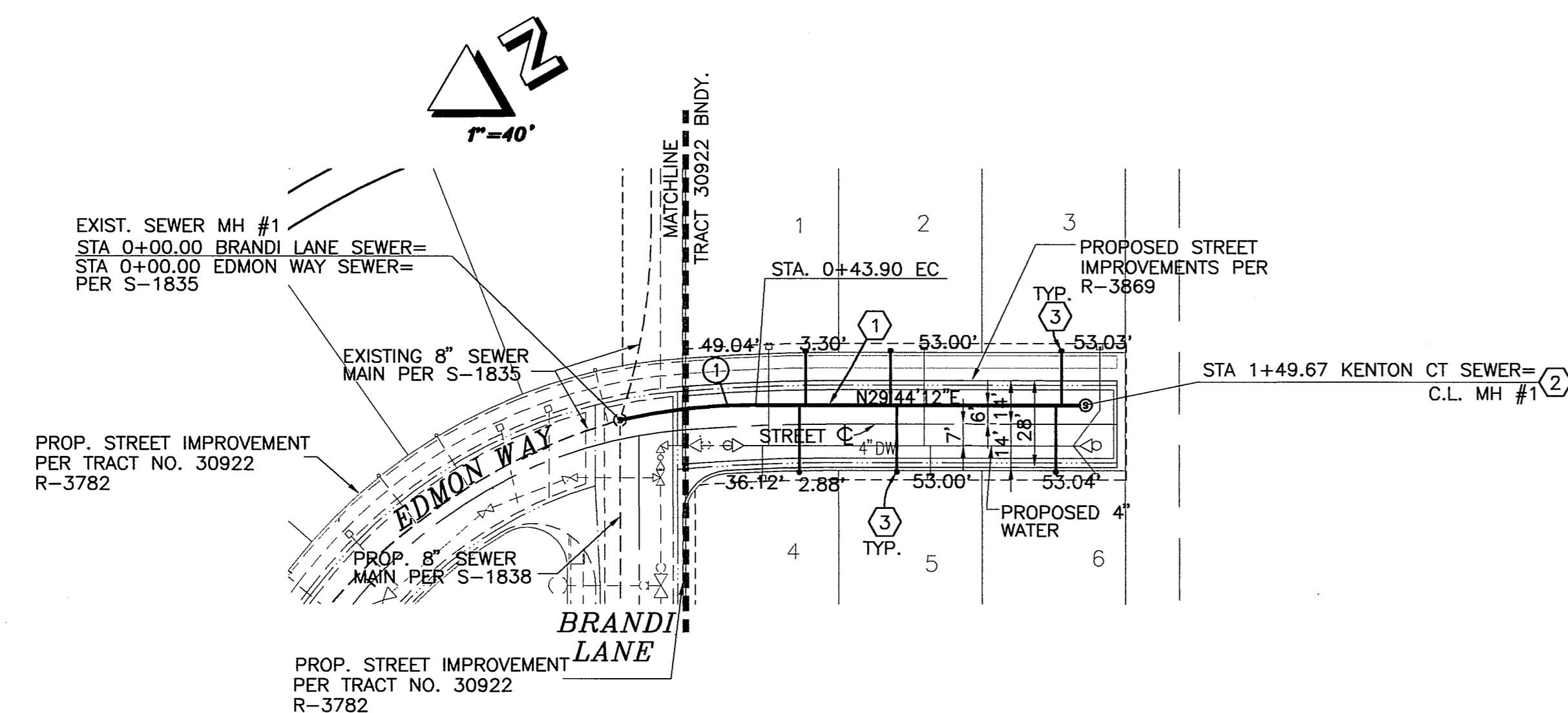
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S-1917  
Sheet 1  
OF 2 SHEETS  
FILE NO. --

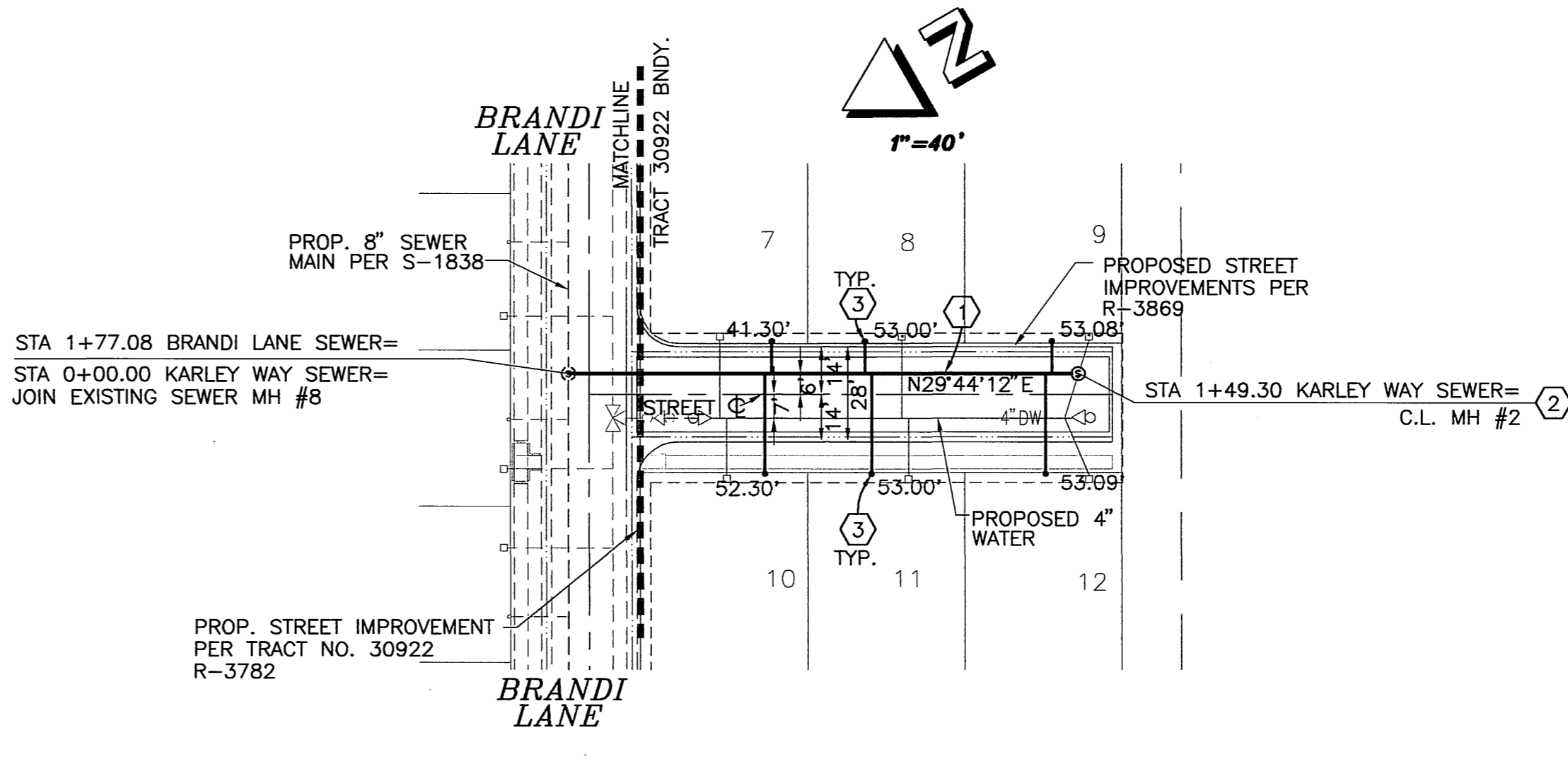
INDEXED 11-02-05



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



### EDMON WAY



### KARLEY WAY

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH
①	12°18'36"	21.03'	195.00'	41.90'

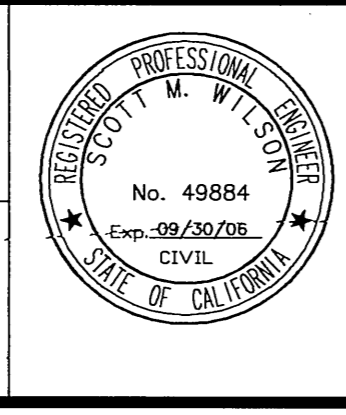
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②	INSTALL CONC MANHOLE PER C.O.R. STD DWG No. 500
③	CONSTRUCT 4" SEWER LATERAL WITH CLEAN OUT @ P.L. PER C.O.R. STD DWG No. 562A, PIPE BEDDING CASE 1 PER C.O.R. STD DWG No. 452

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REVISIONS:

REMARK	DESCRIPTION	APR.	DATE

DESIGNED: RP    DRAWN: RP    CHECKED: SMW

CITY OF RIVERSIDE  
 WATER DEPARTMENT

APPROVED BY: *[Signature]*  
 DATE: 9/22/05

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]*  
 DATE: 9/22/05

**TRACT 33051  
 SEWER IMPROVEMENT  
 PLANS  
 EDMON WAY &  
 KARLEY WAY**

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**PW05-0133**  
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