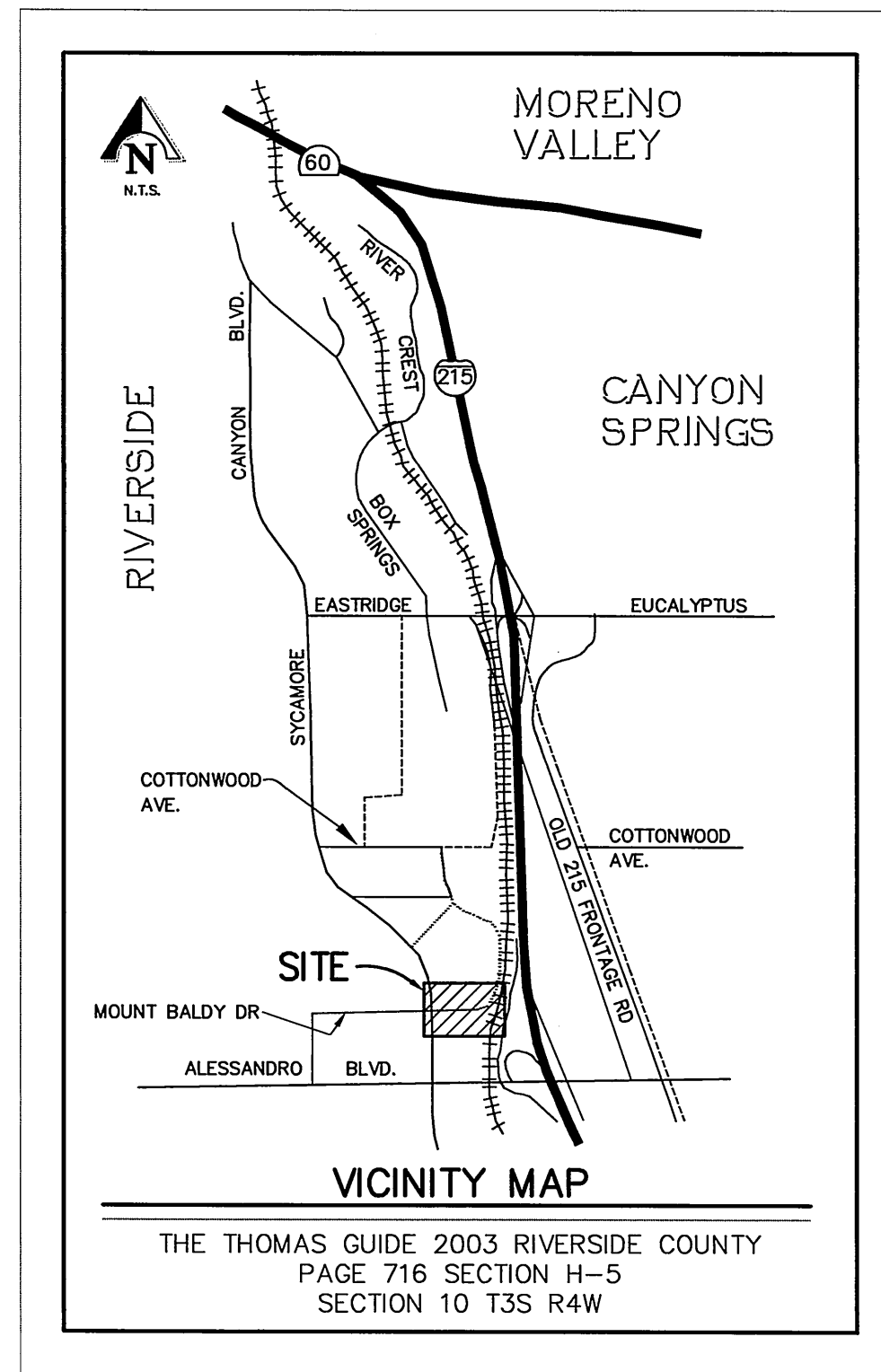


# IN THE CITY OF RIVERSIDE SEWER PLAN



## LEGEND

- PROPOSED VCP SEWER MAIN
- PROPOSED SEWER MANHOLE

## CONSTRUCTION NOTES

- 1) CONSTRUCT 48" ID MANHOLE PER CITY OF RIVERSIDE STD DWG NO. 500. 7 EA.
- 2) CONSTRUCT 8" VCP EXTRA STRENGTH SEWER MAIN. 1088 L.F.
- 3) CONSTRUCT 6" SEWER LATERAL PER CITY OF RIVERSIDE STD DWG NO. 562. 70 L.F.
- 4) CONSTRUCT SEWER MAIN BEDDING PER CITY OF RIVERSIDE STD DWG NO. 452 (CASE 1, LOAD FACTOR 1.5). 1088 L.F.

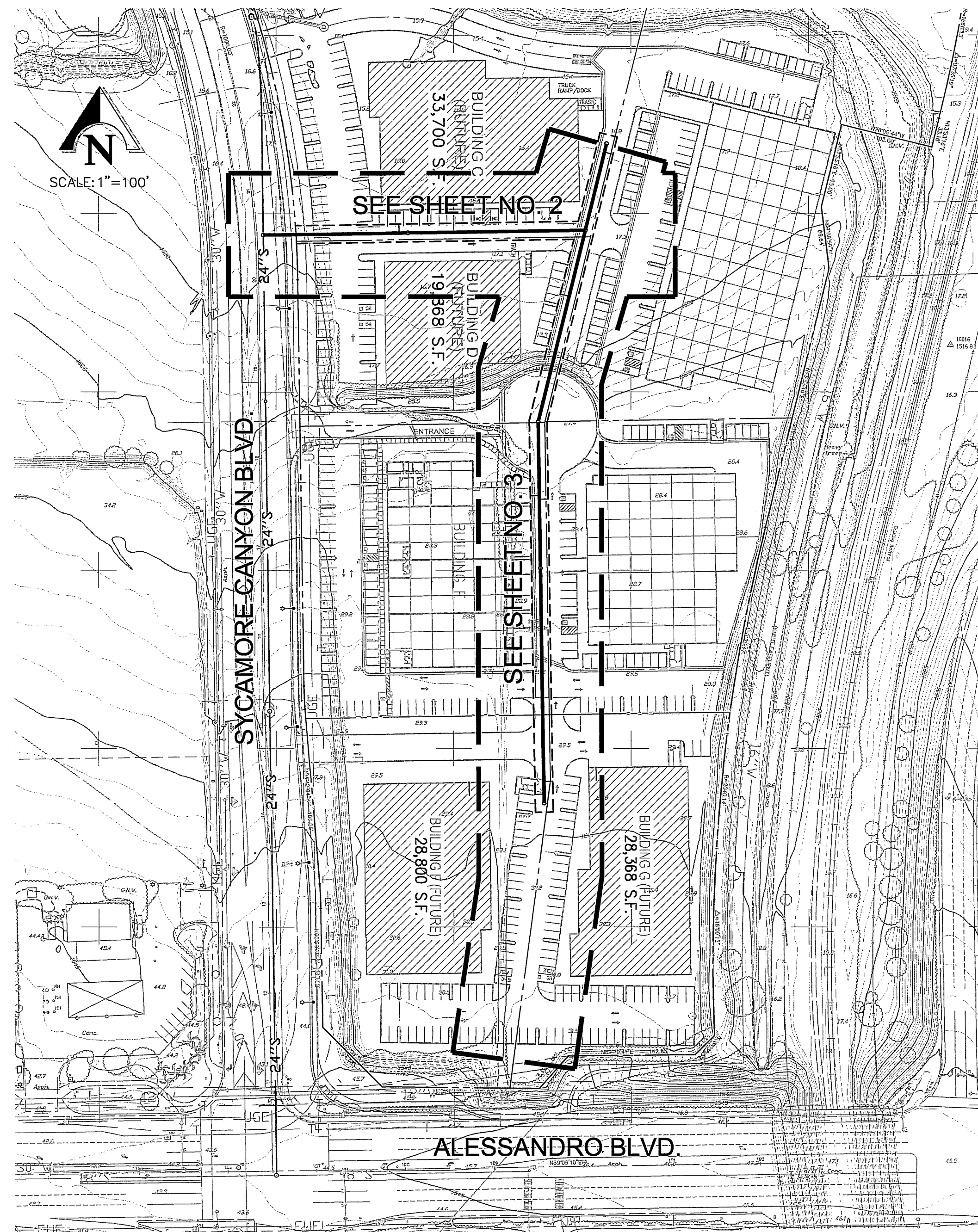
## BASIS OF BEARING:

BASIS OF BEARINGS: BEARINGS ARE BASED ON THE NORTH LINE OF PARCEL 15 AS SHOWN BY PARCEL MAP NO. 24536 ON FILE IN BOOK 162 OF PARCEL MAPS, PAGES 91-98 THEREOF, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, BEING N89°09'10"E.

## BENCH MARK

CITY OF RIVERSIDE POINT I.D.: L1-A3  
P.K. NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT POLE ALONG THE NORTHERLY CURB OF EASTRIDGE AVENUE, 82 FEET WESTERLY OF BOX SPRINGS BOULEVARD.

ELEVATION: 1534.311



## SHEET INDEX

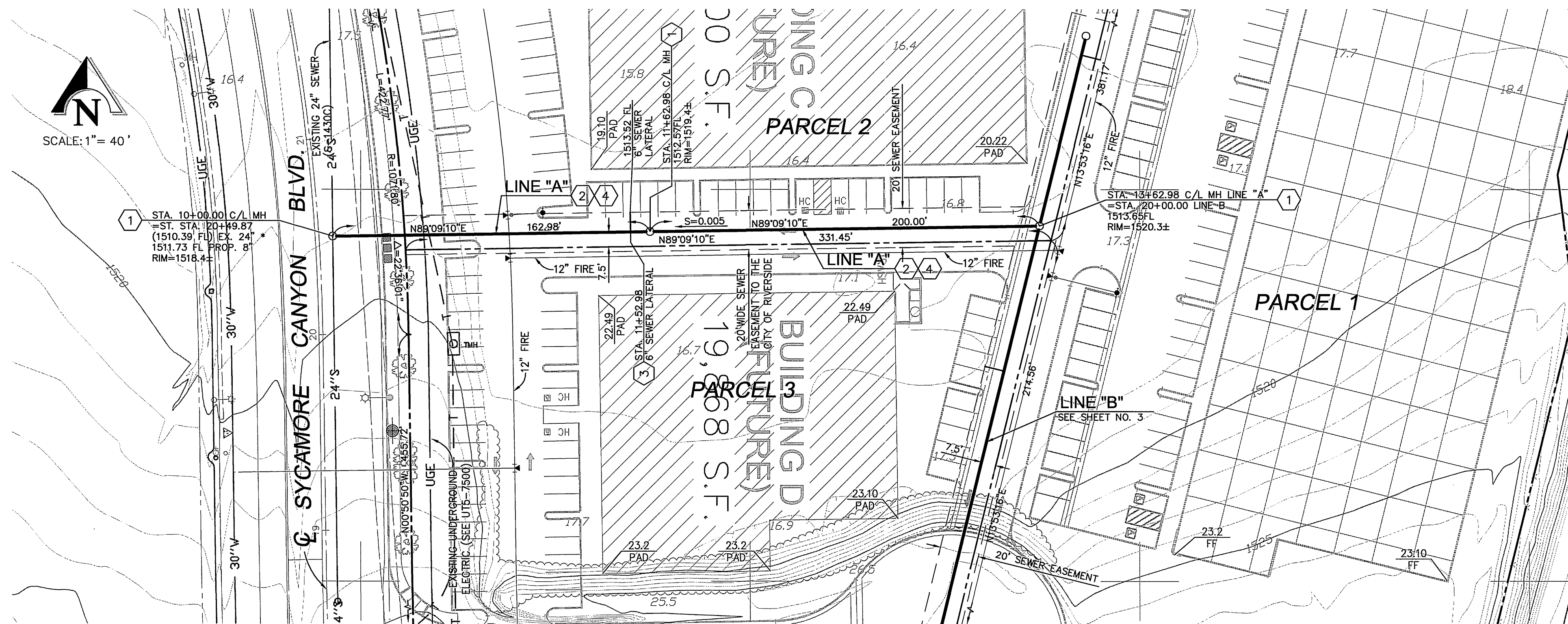
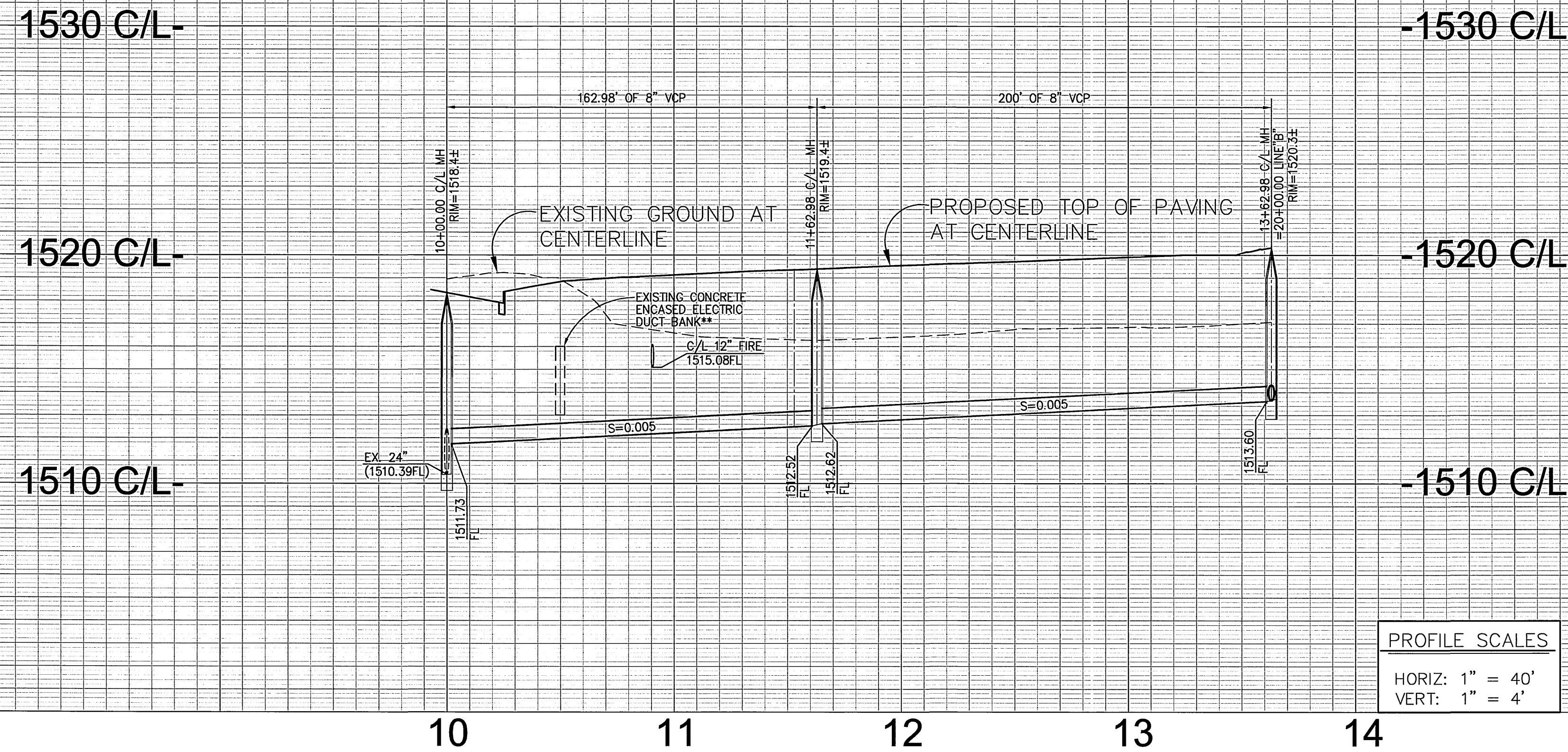
- |         |                               |
|---------|-------------------------------|
| SHEET 1 | TITLE SHEET                   |
| SHEET 2 | SEWER LINE "A" PLAN & PROFILE |
| SHEET 3 | SEWER LINE "B" PLAN & PROFILE |

## GENERAL NOTES

1. 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.
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 Dept. of Public Works, Standard Drawings, its Supplemental Notes and the Standard Specifications for Public Works Construction, Current Edition.
4. Contractor is to verify existing sewer elevation prior to construction.
5. The sewer contractor shall adjust manholes to final grade after paving is completed.
6. 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.
7. Any traffic control striping obliterated and/or badly worn during construction shall be restored by the contractor within five days after notification from the City inspectors.
8. All flagged elevations shall be staked in the field by the private engineer.
9. 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.
10. The developer shall be responsible for preserving or reestablishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
11. 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.
15. Prior to construction the contractor shall pothole all utility crossings and connections and verify the location and elevation of all utilities affected. The engineer shall be notified of any discrepancies before construction begins.
16. 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.
17. On all areas within public right-of-way where the fill is one (1) foot or greater, a letter will be required from the soils engineer, certifying the compaction of the fill below subgrade, prior to issuance of the Construction Permit/Cut Sheets.
18. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
19. Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
20. No finished floor elevations shall be less than 6" above upper manhole rim elevation of the sewer line segment being connected to, without having a proper backwater valve installed in the lateral.

H:\1250-08-Sycamore\SEWER\08-base-utl.dwg  
 PLO Date: June 21, 2004 - 9:56am 1 Lot1  
 08-base-utl [H:\1250-08-Sycamore\SEWER\08-base-utl.dwg]  
 CONT-NOTES [H:\1250-08-Sycamore\SEWER\08-base-utl.dwg]

Underground Service Alert Call: TOLL FREE 1-800 227-2600 TWO WORKING DAYS BEFORE YOU DIG	<b>PRIVATE ENGINEERING NOTE</b> 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.	SEAL 	PREPARED UNDER THE SUPERVISION OF:  TRAVIS P. VINCENT JR. REGISTERED CIVIL ENGINEER NO. 37356 EXPIRATION DATE: 6-30-04 DATE: 6/21/04	KCT CONSULTANTS, INC. Civil Engineers - Surveyors - Planners P.O. Box 5705 Riverside, CA 92517-6705 4344 Latham St., Suite 203, Riverside, CA 92501 Phone: 909/341-8940 Fax: 909/341-8945 e-mail: kctinc@kctconsultants.com CITY BUSINESS TAX CERTIFICATE NO.: 069540 EXP. DATE: 04-07-05 BENCH MARK: SCALE: AS NOTED DATE: FEBRUARY 2004 SEE SHEET NO. 1	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY:  DATE: 2/21/04 PRINCIPAL ENGINEER TRAFFIC DIVISION DATE: 2/21/04	IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA <b>SEWER PLAN AND PROFILE                  TITLE SHEET</b> PM 31802 SYCAMORE CANYON BOULEVARD N'LY OF ALESSANDRO BOULEVARD FOR: JIM GUTHRIE CONSTRUCTION INDEXED 12-9-04 LFL	PW04-0318 <b>S-1844</b> SHEET 1 OF 3 FILE NO.: KCT WD:1250-08
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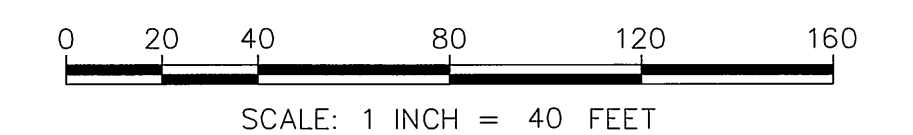


**CONSTRUCTION NOTES**

- ① CONSTRUCT 48" ID MANHOLE PER CITY OF RIVERSIDE STD DWG NO. 500.
- ② CONSTRUCT 8" VCP EXTRA STRENGTH SEWER MAIN.
- ③ CONSTRUCT 6" SEWER LATERAL PER CITY OF RIVERSIDE STD DWG NO. 562.
- ④ CONSTRUCT SEWER MAIN BEDDING PER CITY OF RIVERSIDE STD DWG NO. 452 (CASE 1, LOAD FACTOR 1.5).

**\*\* USE CAUTION AROUND EXISTING CONCRETE ENCASED ELECTRICAL DUCT BANK.**

**\* CONTRACTOR TO VERIFY EXISTING ELEVATION PRIOR TO THE START OF CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES**



H:\2250\05-Sycamore Sewer\05-sw-01.dwg  
 Plot Date: June 21, 2004 9:46am | Lot1  
 05-eng-sfile [H:\2250\05-Sycamore\Eng\05-sw-01.dwg]  
 CONT-NOTES [H:\2250\05-Sycamore\Eng\05-sw-01.dwg]

**Underground Service Alert**

Call: TOLL FREE  
1-800  
227-2600

TWO WORKING DAYS BEFORE YOU DIG

**PRIVATE ENGINEERING NOTE**

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SEAL

REGISTERED PROFESSIONAL ENGINEER

TRAVIS P. VINCENT JR.

RCE No. 37356

Exp. 6-30-04

CIVIL

STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF:

*Travis P. Vincent Jr.*

TRAVIS P. VINCENT JR.  
REGISTERED CIVIL ENGINEER NO. 37356  
EXPIRATION DATE: 6-30-04 DATE: 6/21/04

**KCT CONSULTANTS, INC.**

Civil Engineers - Surveyors - Planners

P.O. Box 5705 Riverside, CA 92517-6705  
4344 Latham St., Suite 203, Riverside, CA 92501  
Phone: 909/341-8940 Fax: 909/341-8945  
e-mail: kctinc@kctconsultants.com

CITY BUSINESS TAX CERTIFICATE NO.: 069540 EXP. DATE: 04-07-05

SCALE: AS NOTED BENCH MARK: SEE SHEET NO. 1

DATE: FEBRUARY 2004

MARK	REVISIONS	APPR.	DATE
DESIGNED BY	TPV	DRAWN BY	AG
CHECKED BY	TPV	DATE:	2/2/04

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]*  
DATE: 2/2/04

PRINCIPAL ENGINEER: *[Signature]*  
TRAFFIC DIVISION

IN THE CITY OF RIVERSIDE,  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

**SEWER PLAN AND PROFILE**  
PM 31802  
**SEWER LINE "A"**  
STA. 10+00.00 TO 13+62.98

FOR: JIM GUTHRIE CONSTRUCTION

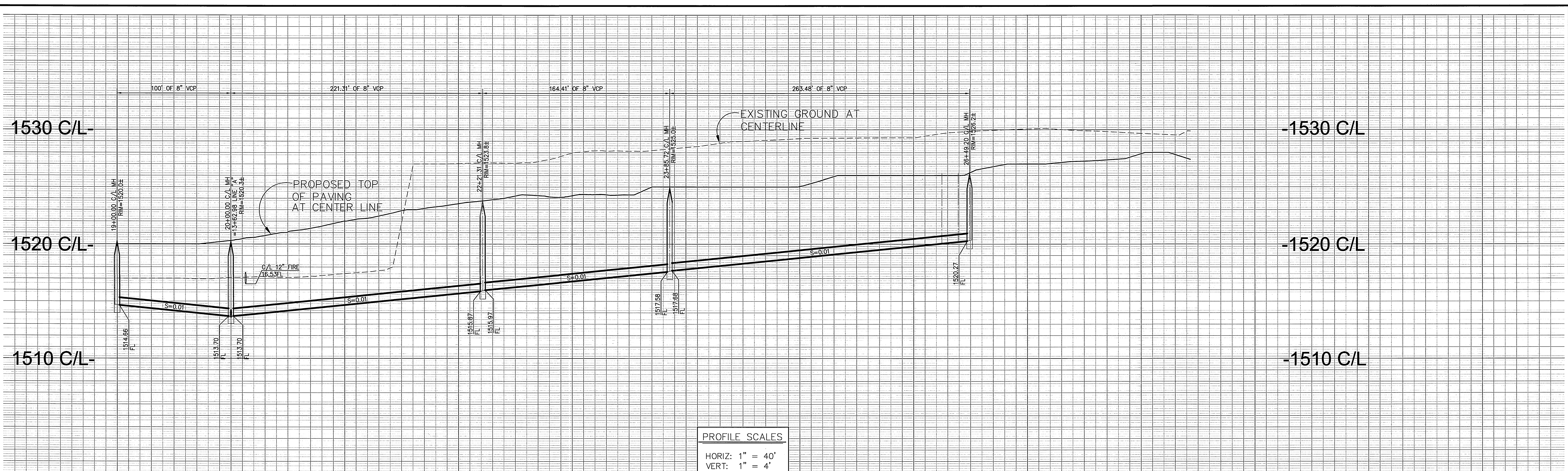
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**S-1844**

SHEET 2 OF 3

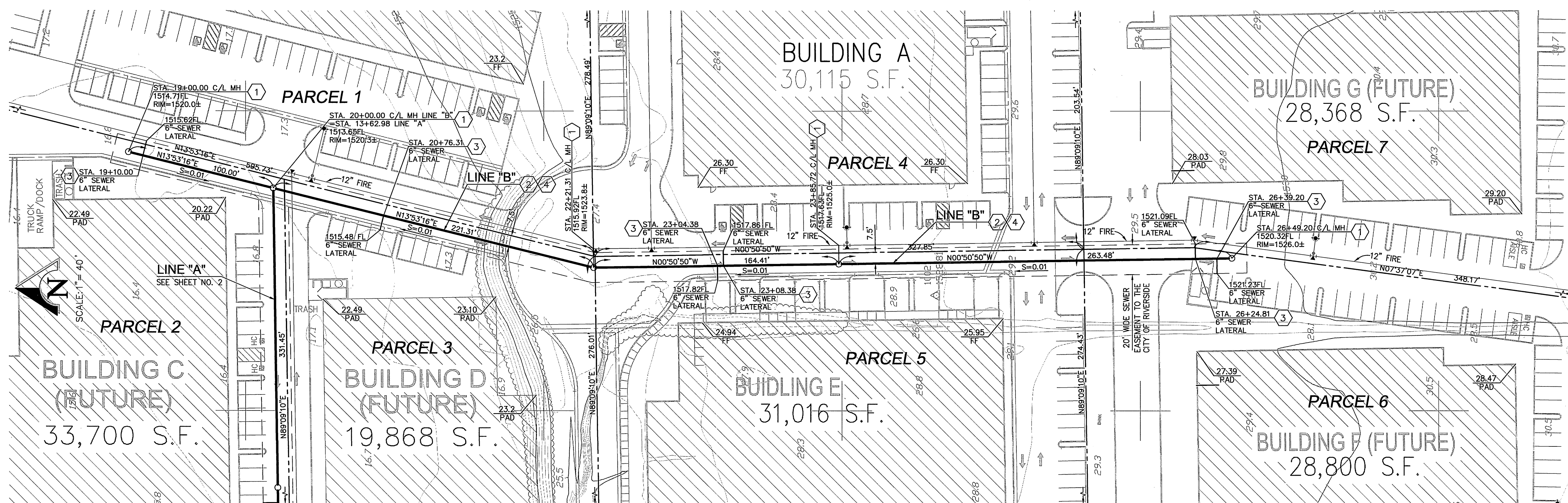
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INDEXED 12-2-04 LHM

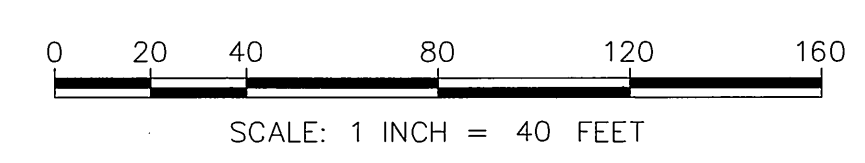


PROFILE SCALES  
 HORIZ: 1" = 40'  
 VERT: 1" = 4'

19 20 21 22 23 24 25 26 27 28 29



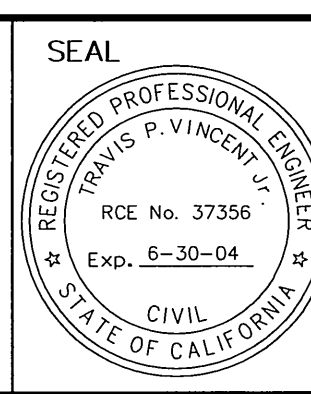
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 Plot Date: June 21, 2004 - 9:47am | Lori

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 1-800  
 227-2600  
 TWO WORKING DAYS BEFORE YOU DIG

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PREPARED UNDER THE SUPERVISION OF:  
*Travis P. Vincent*  
 TRAVIS P. VINCENT JR.  
 REGISTERED CIVIL ENGINEER NO. 37356  
 EXPIRATION DATE: 6-30-04 DATE: 4/21/04

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DESIGNED BY	TPV	DRAWN BY	AG
CHECKED BY	TPV		

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: *Tom Boyd*  
 DATE: 4/21/04  
 PRINCIPAL ENGINEER  
 TRAFFIC DIVISION

IN THE CITY OF RIVERSIDE,  
 COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
**SEWER PLAN AND PROFILE**  
 PM 31802  
**SEWER LINE "B"**  
 STA. 19+00.00 TO 26+49.20  
 FOR: JIM GUTHRIE CONSTRUCTION  
 PW04-0318  
**S-1844**  
 SHEET 3 OF 3  
 FILE NO.: KCT WO:1250-06  
 INDEXED 12-9-04 LFT