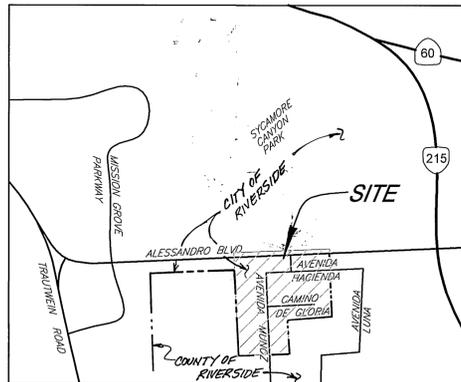


# TRACT 10524 SEWER IMPROVEMENT PLAN

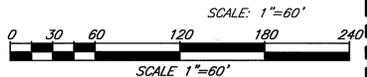


**VICINITY MAP**  
NOT TO SCALE  
SEC. 16, T. 35, R. 4 W.

### 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 DEPARTMENT OF PUBLIC WORKS, STANDARDS DRAWINGS, ITS SUPPLEMENTAL NOTES, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
  4. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
  5. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATIONS PRIOR TO CONSTRUCTION.
  6. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
  7. NO FINISH 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.
  8. 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.
  9. ALL MANHOLES TO BE CITY OF RIVERSIDE STANDARD NO. 500.
  10. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
  11. THE CONTRACTOR SHALL CALL IN A LOCATION'S 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 USA.
  12. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION HEREON.
  13. 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 OR ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
  14. QUANTITIES SHOWN ARE FOR INFORMATION ONLY THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
  15. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL POT-HOLE ALL UTILITY CROSSINGS AND CONNECTION AND VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES AFFECTED. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BEFORE CONSTRUCTION BEGINS.
  16. NO PERSONS 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.
  17. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER/OWNER OR CONTRACTOR TO APPLY TO THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT, PERMIT SECTION, FOR AN ENCROACHMENT PERMIT FOR ALL WORK PERFORMED WITHIN PUBLIC RIGHT-OF-WAY, DEDICATED AND ACCEPTED FOR PUBLIC USE; AND TO BE RESPONSIBLE FOR SATISFACTORY COMPLIANCE FOR ALL CURRENT ENVIRONMENTAL REGULATIONS DURING THE LIFE OF CONSTRUCTION ACTIVITIES FOR THIS PROJECT. ADDITIONAL STUDIES AND/OR PERMITS MAY BE REQUIRED.
  18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEARING OF THE PROPOSED WORK AREA, AND RELOCATION COSTS OF ALL EXISTING UTILITIES. PERMITEE MUST INFORM COUNTY OF CONSTRUCTION SCHEDULE AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.
- PHONE: (909) 955-6790, FOR PERMIT CASES (C.U., P.U., P.P., OR VOLUNTARY).

**INDEX MAP**



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

**NOTE:**  
THIS PROJECT IS BEING REQUIRED BY THE CITY OF RIVERSIDE. APPROVAL BY THE COUNTY TRANSPORTATION DEPARTMENT IS FOR THE AREA WITHIN THE COUNTY ROAD R/W ONLY.

CITY BUSINESS TAX CERTIFICATE NO. 107994 EXP. 6/13/04

**NOTE:**  
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the design herein. In the event of discrepancies arising after construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the city.



APPROVED BY: *[Signature]* DATE: 6/3/04  
FOR TRANSPORTATION DEPT RIVERSIDE COUNTY CALIF.  
R.C.E. NO. 33950 EXP. DATE 6-30-04

**SDH & Associates, Inc**  
Civil Engineering - Land Planning  
5225 Canyon Crest Drive Bldg. 300 Suite 357  
Riverside, California 92507  
TEL: (909) 788-2344 FAX (909) 788-2314



PREPARED UNDER THE SUPERVISION OF:  
*[Signature]* 5/13/04  
BRIAN G. ESGATE DATE  
R.C.E.#: 21884 EXP: 9-30-05

DESIGNED BY: S.S. DRAWN BY: T.S. CHECKED BY: S.S./B.G.E.

### BENCH MARK:

DATE: 1971 RIVERSIDE COUNTY  
ELEV. 1700.670  
BRASS DISK FLUSH & MARKED V.B. 10-64 0.6 MI. E.  
ON VAN BUREN BLVD. FROM INT. OF VAN BUREN &  
WOOD RD. 206' N. OF VAN BUREN AT THE GRANITE  
BOULDER ON TOP OF 3' X 16' X 16' BOULDER.

COUNTY MS 3958  
IP 040085

PW03-0293

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 6/25/04  
PRINCIPAL ENG. PARK DEPT. TRAFFIC DIVISION  
SEWER SERVICES

TRACT 10524  
SEWER IMPROVEMENT PLANS  
TITLE SHEET

S-1821

SHEET 1 OF 3

HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN

JOB NO. 0203

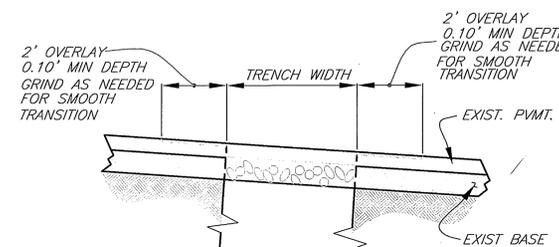
### NOTICE TO CONTRACTOR

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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.



### TRENCH REPAIR DETAIL

MINIMUM STD. FOR CONST.  
WITHIN COUNTY RIGHT-OF-WAY

NOTE: TRENCH REPAIR PER CITY OF RIVERSIDE STD'S WITHIN CITY RIGHT-OF-WAY.

### CONSTRUCTION NOTES AND QUANTITIES

- |   |  |                |
|---|--|----------------|
| 1 | CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD. 500                         | 6 EA.          |
| 2 | CONSTRUCT 8" V.C.P. SEWER MAIN (BEDDING CASE 1 PER CITY OF RIVERSIDE STD. 453) | 1,452 L.F.     |
| 3 | CONSTRUCT 4" SEWER LATERAL   | 345 L.F.       |
| 4 | REMOVE EXISTING PAVEMENT AND REPLACE (TO MATCH EXISTING)                       | 15,845 SQ. FT. |
| 5 | CONSTRUCT SEWER CLEANOUT PER RIVERSIDE CITY STD. 560                           | 11 EA.         |

### LEGEND

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

### NOTE:

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**Profile Scale**  
 Horiz. 1" = 40 FT.  
 Vert. 1" = 4 FT.

1615

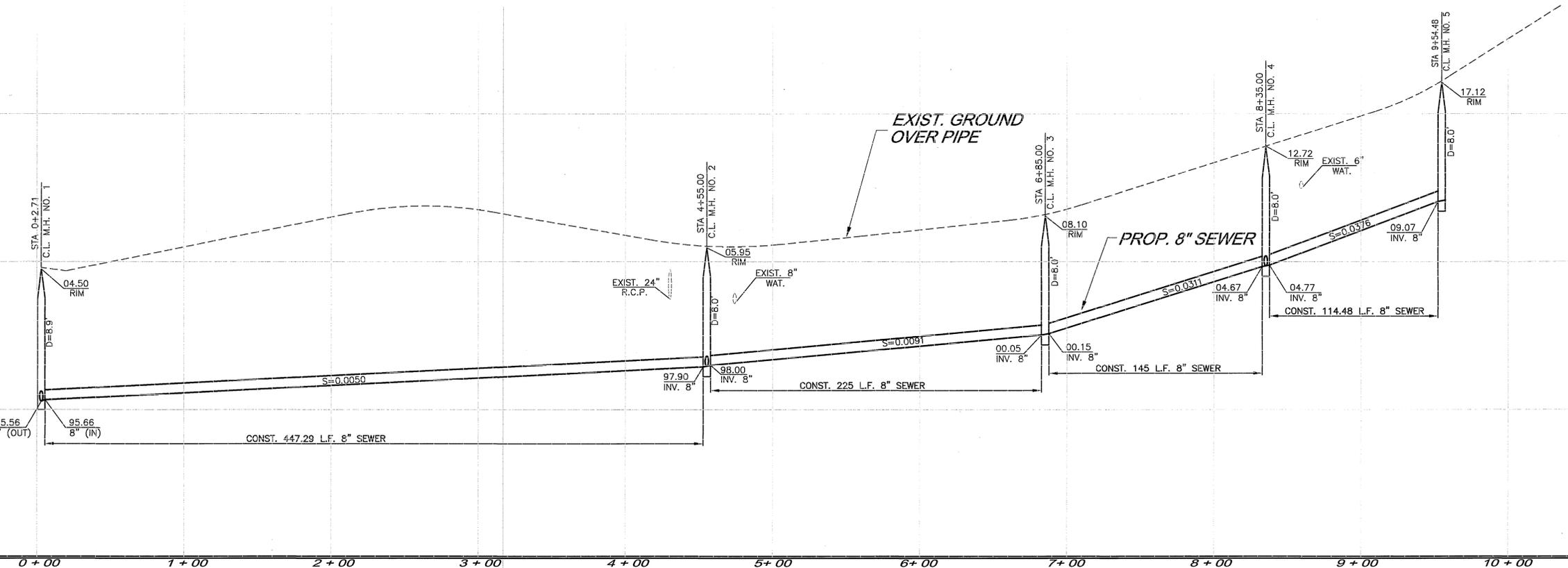
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1615

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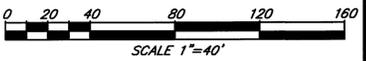
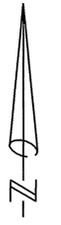
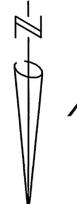
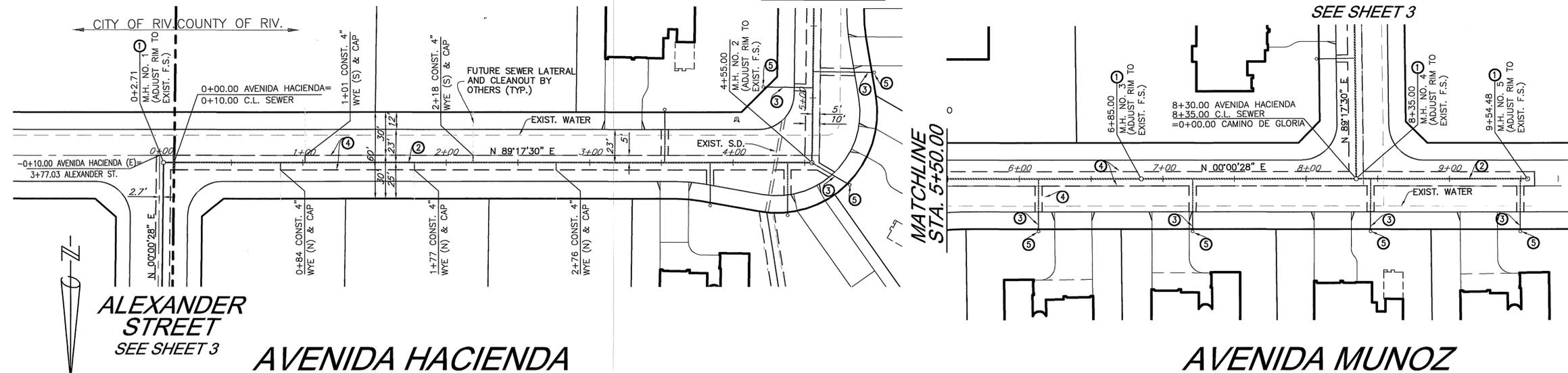


**CONSTRUCTION NOTES**

- 1 CONSTRUCT SEWER MANHOLE PER RIV. CITY STD. 500
- 2 CONSTRUCT 8" PVC SEWER MAIN PER (BEDDING CASE 1 PER CITY OF RIVERSIDE STD. 453)
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- 4 REMOVE EXISTING PAVEMENT AND REPLACE (TO MATCH EXISTING)
- 5 CONSTRUCT SEWER CLEANOUT PER RIVERSIDE CITY STD. 560

MATCHLINE  
STA. 5+50.00

CAMINO DE GLORIA  
SEE SHEET 3



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

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 APPROVAL BY THE COUNTY TRANSPORTATION DEPARTMENT  
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CITY BUSINESS TAX CERTIFICATE NO. 107994 EXP. 6/13/04

**BENCH MARK:**  
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COUNTY MS 3958  
 IP 040085

PW03-0293

**NOTE:**  
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 GRADING PERMIT HAS BEEN ISSUED.



APPROVED BY: *[Signature]* DATE: 6/3/04  
 FOR TRANSPORTATION DEPT RIVERSIDE COUNTY CALIF.  
 R.C.E. NO. 33950 EXP. DATE 6-30-06

**SDH & Associates, Inc**  
 Civil Engineering - Land Planning  
 5225 Canyon Crest Drive Bldg. 300 Suite 357  
 Riverside, California 92507  
 TEL: (909) 788-2344 FAX (909) 788-2314



PREPARED UNDER THE SUPERVISION OF:  
*[Signature]* DATE: 5/13/04  
 BRIAN G. ESGATE  
 R.C.E.#: 21884 EXP.: 9-30-05

MARK	REVISIONS	APR.	DATE

DESIGNED BY: S.S. DRAWN BY: T.S. CHECKED BY: S.S./B.G.E.

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: *[Signature]* DATE: 6/25/04  
 PRINCIPAL ENG. *[Signature]*  
 PARK DEPT.  
 TRAFFIC DIVISION  
 CITY ENGINEER  
 SEWER-SERVICES  
 DATE: 6/25/04

TRACT 10524  
 SEWER IMPROVEMENT PLANS  
 TITLE SHEET

S-1821

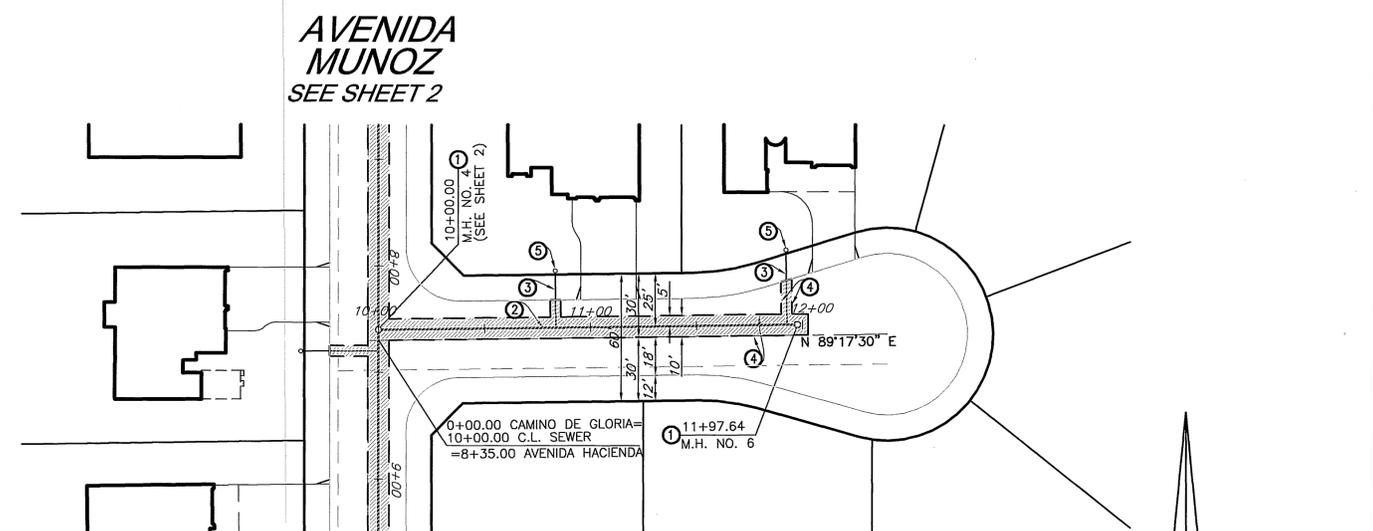
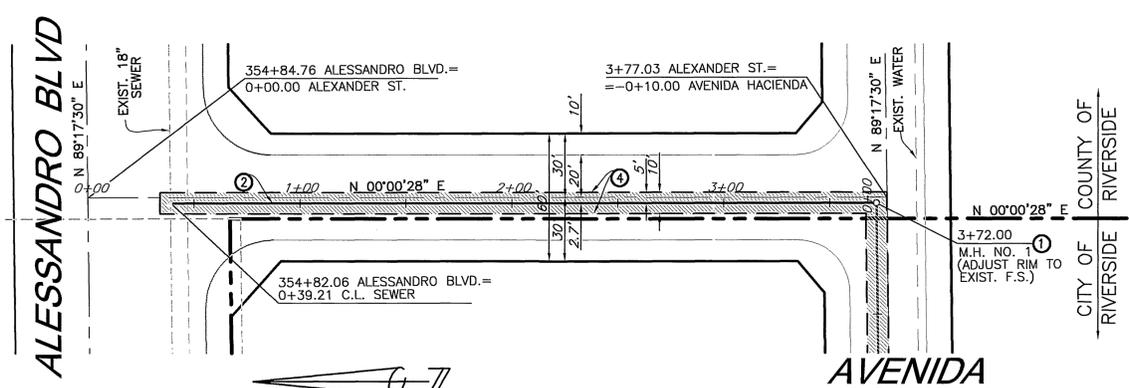
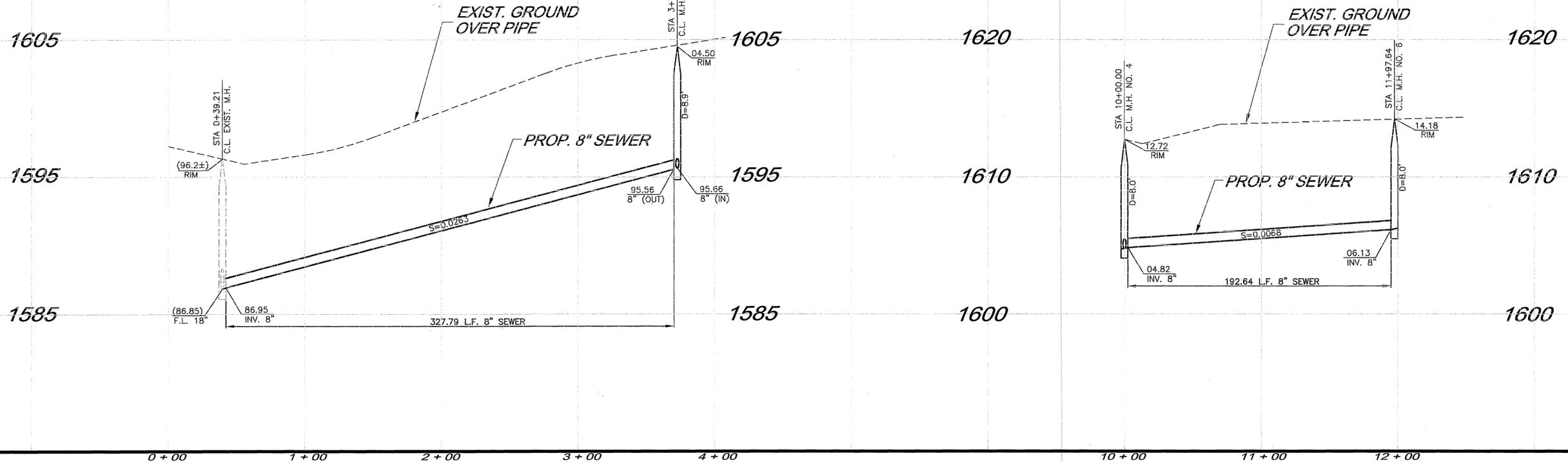
SHEET 2 OF 3

HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN

JOB NO. 0303

INDEXED 6-30-04

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- CONSTRUCTION NOTES**
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**ALEXANDER STREET**

**AVENIDA HACIENDA**  
 SEE SHEET 2  
 M50084

**CAMINO DE GLORIA**

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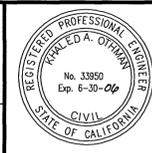
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MARK	REVISIONS	APR. DATE

DESIGNED BY: S.S. DRAWN BY: J.S. CHECKED BY: S.S./B.G.E.

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENG.	<i>[Signature]</i>	5/13/04	<i>[Signature]</i>
PARK DEPT.			
TRAFFIC DIVISION			

CITY ENGINEER  
 DATE: 6/15/04

TRACT 10524  
 SEWER IMPROVEMENT PLANS  
 TITLE SHEET

S-1821  
 SHEET 3 OF 3  
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 JOB NO. 0303