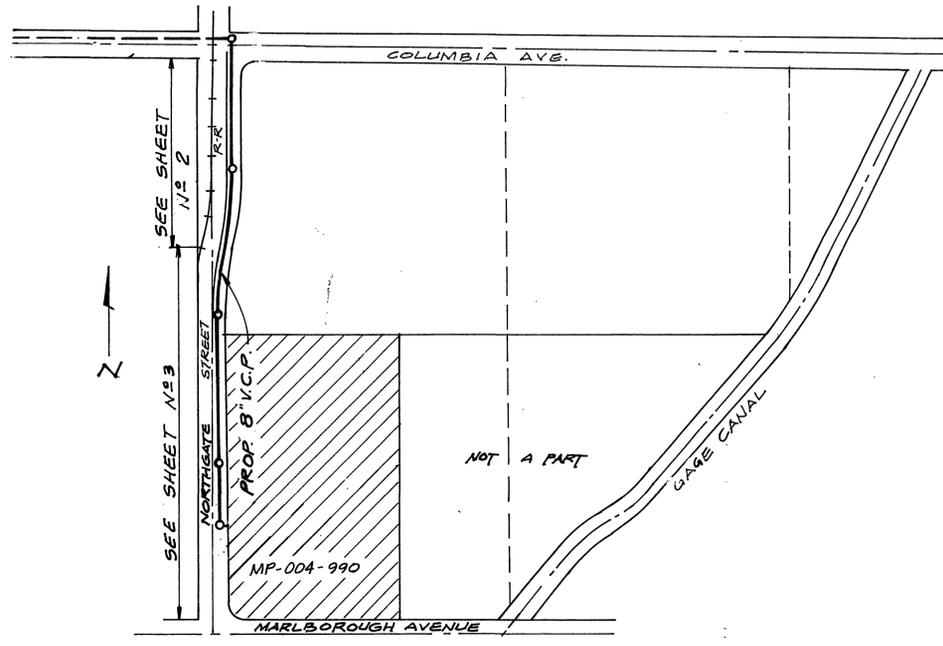
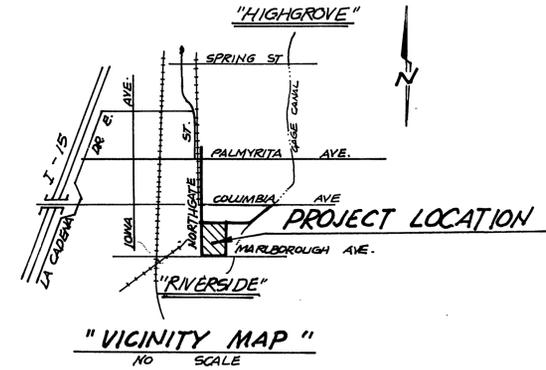


**GENERAL NOTES:**

- 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.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE 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 THE ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 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.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- 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 INSPECTOR.
- THE CONTRACTOR SHALL CALL IN A LOCATION 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 THE INQUIRY IDENTIFICATION NUMBER BY THE USA.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 8" 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 SHALL 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 COMPLETED.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.



**INDEX MAP**  
1/8\"/>



**ENGINEERS NOTES TO CONTRACTOR:**

- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE 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 DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.
- ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE 'OCCUPATIONAL SAFETY AND HEALTH REGULATIONS' OF THE U.S. DEPARTMENT OF LABOR, AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS 'CONSTRUCTION SAFETY ORDERS'.
- THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCONTRACTORS' COMPLIANCE WITH THE 'OCCUPATIONAL SAFETY AND HEALTH REGULATIONS' OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, 'CONSTRUCTION SAFETY ORDERS'.
- THE CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

**CONSTRUCTION NOTES:**

- CONSTRUCT 8" V.C.P. SEWER MAIN PER CITY OF RIVERSIDE STDS.
- CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD. NO. 500.
- CONSTRUCT 6" V.C.P. LATERALS PER CITY OF RIVERSIDE STD. NO. 562A.
- CONSTRUCT PIPE BEDDING CASE I PER CITY OF RIVERSIDE STD NO. 452.

**UNAUTHORIZED CHANGES AND USES:**

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.



**SOUTHERN CALIFORNIA GAS COMPANY**  
APPROVED BY: *[Signature]* DATE: 5-11-01

**CITY OF RIVERSIDE OVERHEAD & UNDERGROUND UTILITIES ENGINEER-ELECTRICAL**  
APPROVED BY: *[Signature]* DATE: 4/25/01

**GAGE CANAL**  
APPROVED BY: *[Signature]* DATE: 5/31/01

**BENCHMARK J8-H3**  
LEAD & TACK IN TOP OF THE NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRITA AVE. AND NORTHGATE STREET - SOUTHERLY.  
ELEV: 981.648

**PACIFIC BELL TELEPHONE**  
APPROVED BY: *[Signature]* DATE: 4-30-01

**CITY OF RIVERSIDE WATER SYSTEM**  
APPROVED BY: *[Signature]* DATE: 8/30/01



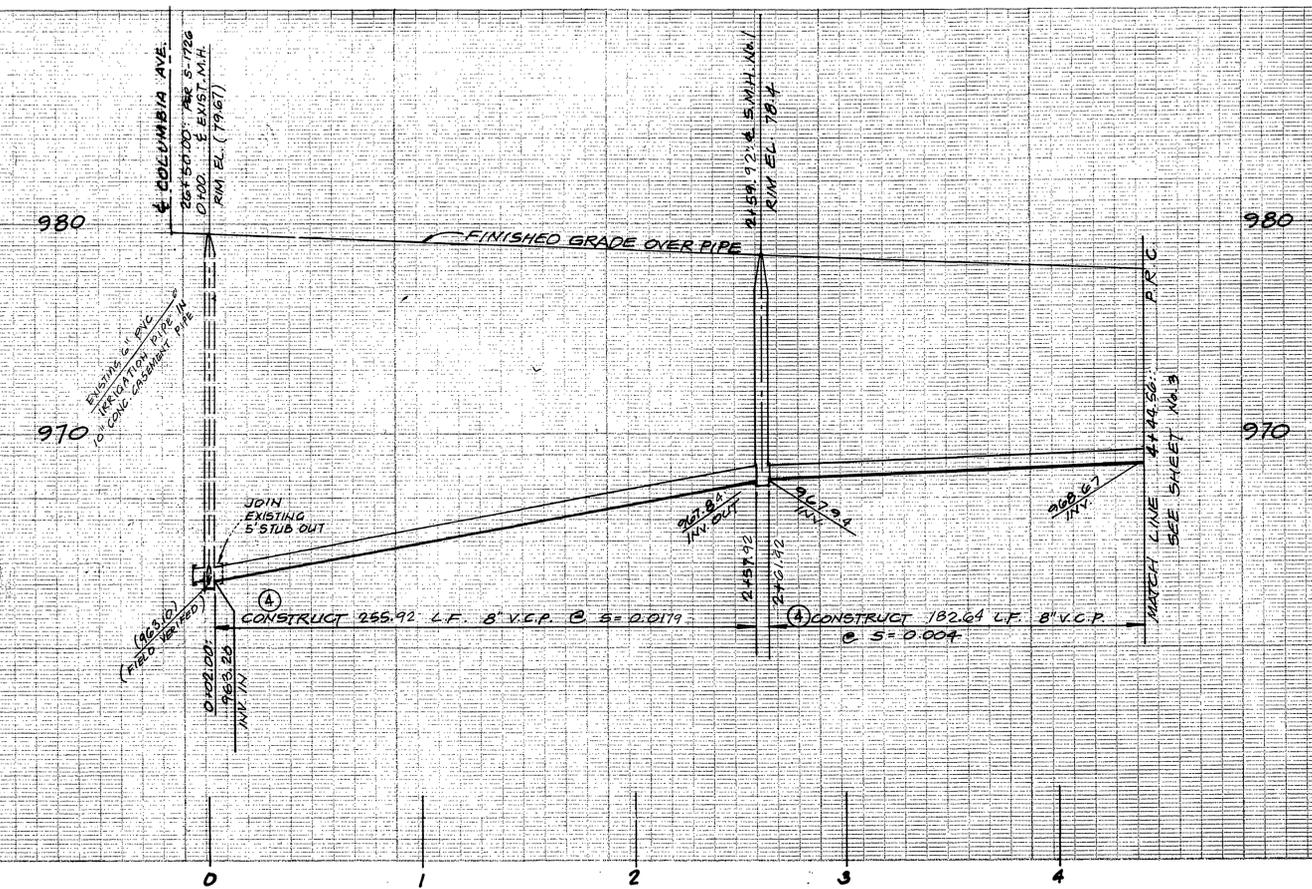
**Southland Engineering**  
2200 BUSINESS WAY, Ste. 100  
RIVERSIDE, CA 92501  
(951) 788-8488  
PREPARED UNDER THE SUPERVISION OF: *[Signature]* DATE: 4-25-01  
DESIGNED BY: *[Signature]* DRAWN BY: AR CHECKED BY: AWM

MARK	REVISIONS	APPR. DATE

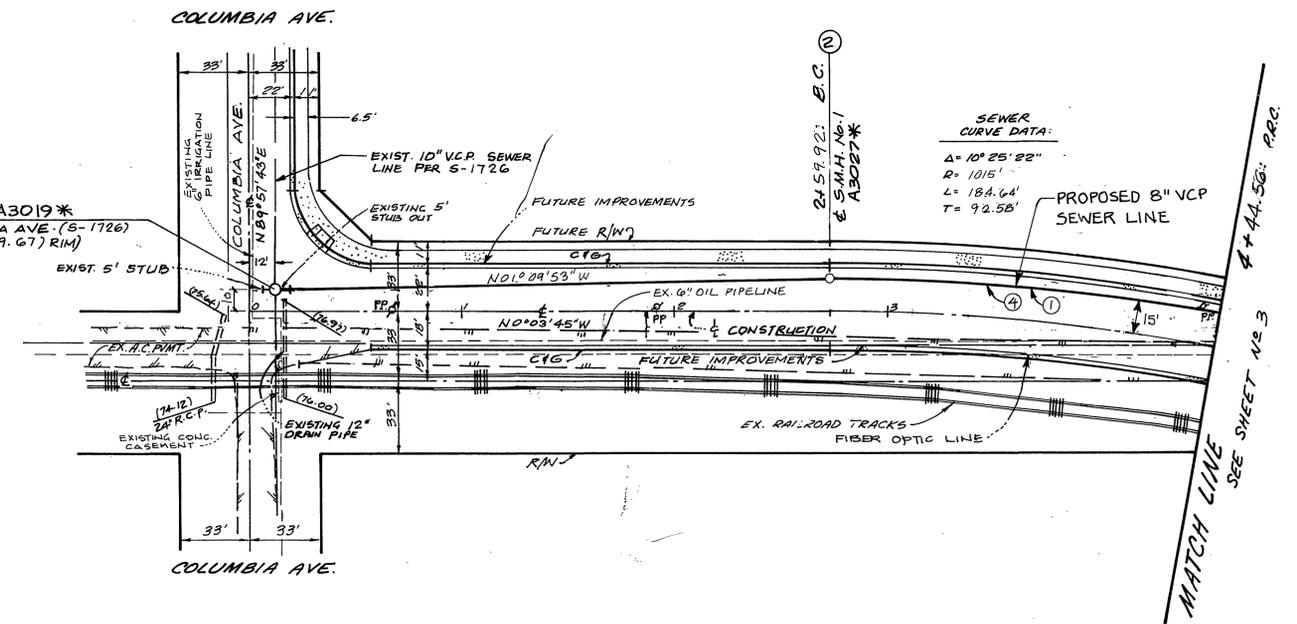
**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**  
APPROVED BY: *[Signature]* DATE: 9/7/01  
TRAFFIC DIVISION DEPUTY P.W. DIRECTOR: *[Signature]* DATE: 9-7-01

\*AS-BUILT 5-19-03 L/H  
SEWER PLAN & PROFILE  
**TITLE SHEET**  
MP-004-990  
HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN  
ACCOUNT NO. S-1753  
SHEET 1 OF 3  
INDEXED 9-24-01 L/H

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



- CONSTRUCTION NOTES**
- 1 CONSTRUCT 8" V.C.P. SEWER MAIN PER CITY OF RIVERSIDE STDS.
  - 2 CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD. NO. 500.
  - 3 CONSTRUCT 6" V.C.P. LATERALS PER CITY OF RIVERSIDE STD. NO. 562.A
  - 4 CONSTRUCT PIPE BEDDING CASE I PER CITY OF RIVERSIDE STD. NO. 452



SEWER CURVE DATA:  
 $\Delta = 10^\circ 25' 22''$   
 $R = 1015'$   
 $L = 184.64'$   
 $T = 92.55'$



CITY OF RIVERSIDE WATER SYSTEM  
 APPROVED BY: *[Signature]*  
 UTILITIES ENGINEER  
 ELECTRICAL  
 DATE: 4/25/01

**NORTHGATE STREET**



BENCH MARK JB-H3  
 LEAD & TACK IN TOP OF THE NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRITA AVE. & NORTHGATE STREET - SOUTHERLY  
 ELEV: 981.648

Southland Engineering  
 2200 BUSINESS WAY, Ste. 100  
 RIVERSIDE, CA. 92501  
 (909) 788-8488  
 PREPARED UNDER THE SUPERVISION OF:  
*[Signature]* 4-25-01  
 ALLEN W. MARTIN R.C.E.38463 EXP. 3-31-05 DATE

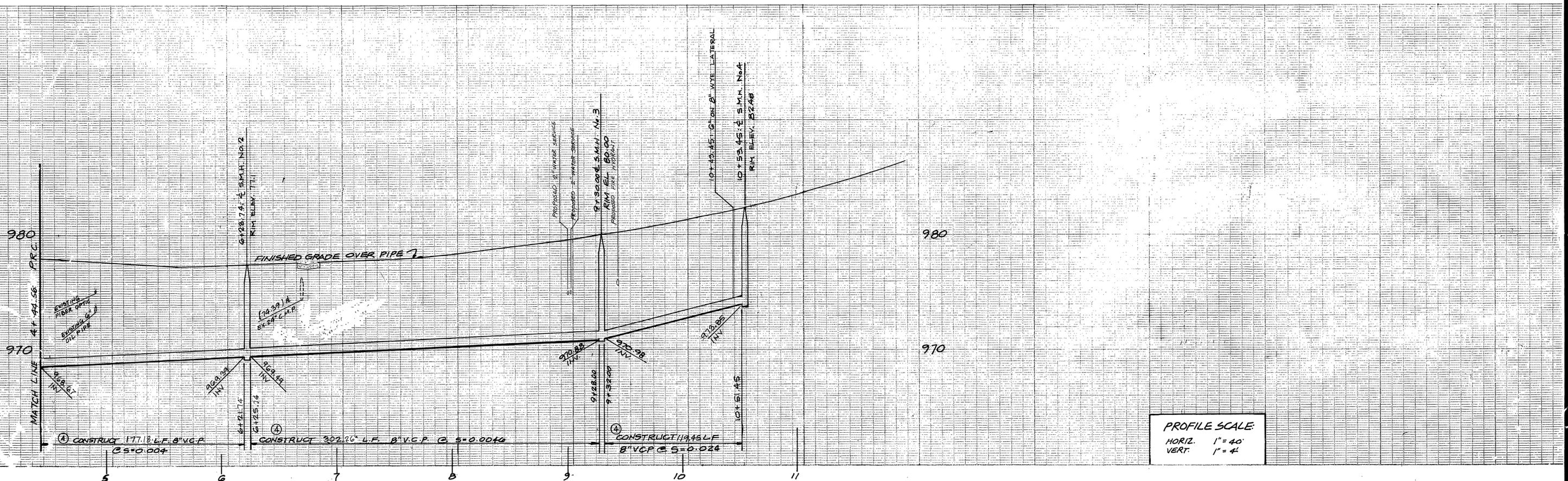
MARK	REVISIONS	APPR.	DATE

DESIGNED BY: \_\_\_\_\_ DRAWN BY: *RE* CHECKED BY: *AWM*

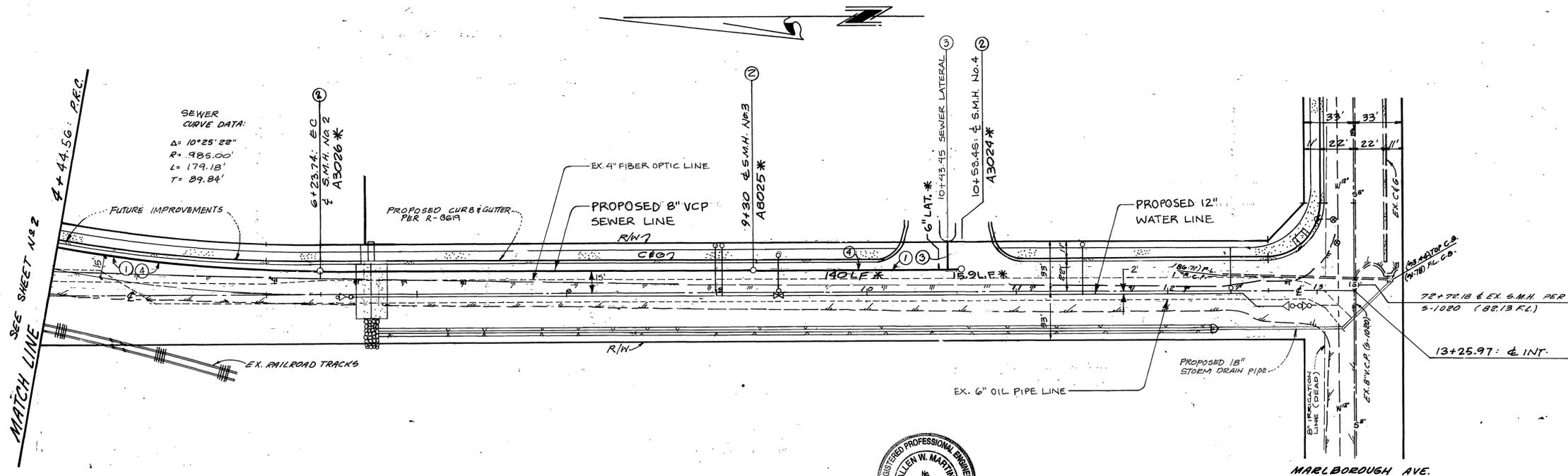
**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**  
 APPROVED BY: *[Signature]*  
 PRINCIPAL ENGINEER  
 PARK DEPARTMENT  
 TRAFFIC DIVISION  
 DEPUTY P.W. DIRECTOR  
 DATE: 4-7-01

\*AS-BUILT 5-19-03 LH  
 SEWER PLAN AND PROFILE FOR  
**NORTHGATE STREET**  
 FROM COLUMBIA AVENUE TO STA. 4+42.45  
 MP-004-990  
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO. S-1753  
 SHEET 2 OF 3  
 20122



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



- CONSTRUCTION NOTES**
- ① CONSTRUCT 8" V.C.P. SEWER MAIN PER CITY OF RIVERSIDE STDS.
  - ② CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD. NO. 500.
  - ③ CONSTRUCT 6" V.C.P. LATERALS PER CITY OF RIVERSIDE STD. NO. 562.
  - ④ CONSTRUCT PIPE BEDDING CASE I PER CITY OF RIVERSIDE STD. NO. 452.

**NORTHGATE STREET**



CITY OF RIVERSIDE WATER SYSTEM  
 APPROVED BY: *[Signature]* 8/30/01  
 APPROVED BY: *[Signature]* 4/24/01  
 UTILITIES ENGINEER  
 ELECTRICAL DATE:

BENCH MARK: JB-H3  
 LEAD & TACK IN TOP OF THE NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRITA AVE. & NORTHGATE STREET - SOUTHERLY  
 ELEV. 981.648

Southland Engineering  
 2200 BUSINESS WAY, Ste. 100  
 RIVERSIDE, CA 92501  
 959 788-9488  
 PREPARED UNDER THE SUPERVISION OF  
*[Signature]* 4-25-01  
 ALLEN W. MARTIN  
 R.C.E.38463 EXP. 3-31-06

MARK	REVISIONS	APPR.	DATE
DESIGNED BY	DRAWN BY: <i>AE</i>	CHECKED BY: <i>AWM</i>	

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**  
 APPROVED BY: *[Signature]* 4-2-01  
 PRINCIPAL ENGINEER  
 TRAFFIC DIVISION  
 DEPUTY P.W. DIRECTOR

SEWER PLAN AND PROFILE FOR  
**NORTHGATE STREET**  
 FROM STA. 4+42.45 TO STA. 10+53.45  
 MP-004-990  
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO.  
**S-1753**  
 SHEET **3** OF **3**  
 2012