

# UNIVERSITY VILLAGE - PHASE 1A PRIVATE SEWER AND DOMESTIC WATER PLAN

### PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

ALL CONTRACTORS AND SUB-CONTRACTORS 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 SUB-CONTRACTORS 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 SUB-CONTRACTORS COMPLIANCE WITH SAID REGULATIONS AND ORDERS.

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING 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 CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES PRIOR TO WORK OR EXCAVATION TO DETERMINE THE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HEREON, AND FOR ANY DAMAGE OR PROTECTION TO THESE LINES.

### DEVELOPER

UNIVERSITY VILLAGE, LLC  
C/O SOUTHLAND LAND CORPORATION  
ATTN: MICHAEL KEEL, GENERAL MANAGER  
2990 EAST COLORADO BLVD.  
SUITE C-105  
PASADENA, CA 91107  
(818) 568-8000

### LEGAL DESCRIPTION

PORTIONS OF LOTS 52, 61 & 62 OF THE EAST RIVERSIDE LAND COMPANY AS SHOWN ON MAP NO. 111 IN MAPS PAGE 44 RECORDS OF SAN BERNARDINO COUNTY, PARCEL 1 THROUGH 3 INCLUSIVE OF PARCEL MAP FILED AS BOOK 14, PAGE 10 OF PARCEL MAPS RECORDS OF RIVERSIDE COUNTY AND PARCELS 2 & 4 OF PARCEL MAP FILED AS BOOK 5, PAGE 44 OF PARCEL MAPS RECORDS OF RIVERSIDE COUNTY CALIFORNIA, WITHIN SECTION 19 TOWNSHIP 2 SOUTH, RANGE 4 WEST, S.B.B.M.

### ENGINEER

RICK ENGINEERING COMPANY  
3050 CHICOAGO AVENUE SUITE 100  
RIVERSIDE, CA 92507  
(909) 782-0707  
CITY BUSINESS TAX CERTIFICATE NO. 035225 EXPIRATION DATE: 7/20/96

### UTILITIES

POWER - CITY OF RIVERSIDE TELEPHONE - PACIFIC TELEPHONE CO.  
WATER - CITY OF RIVERSIDE SEWER - CITY OF RIVERSIDE  
GAS - SO. CALIFORNIA GAS CO.

### CONSTRUCTION NOTES

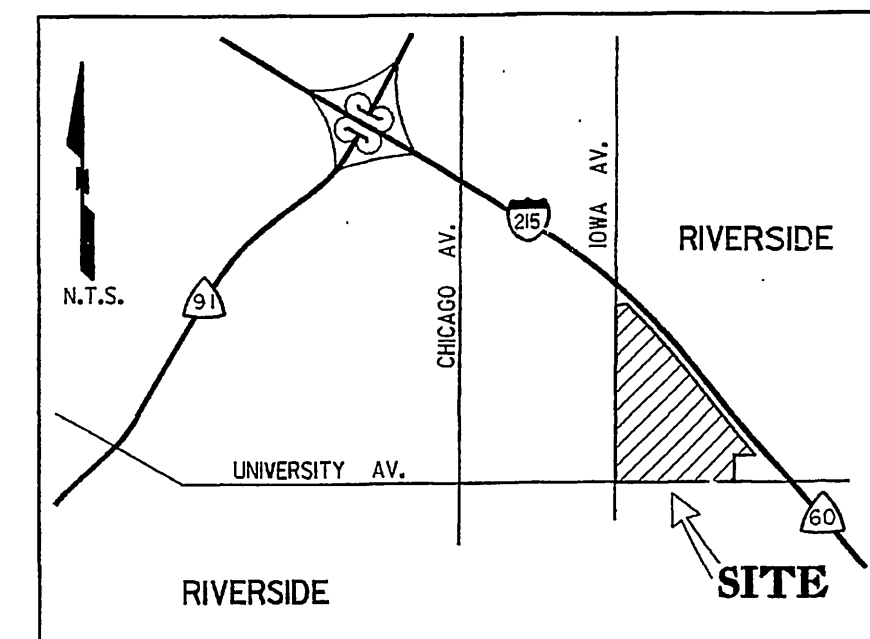
1. INSTALL 8" PVC SEWER MAIN (ASTM D-3034,SDR-35) 1269 LF.
2. INSTALL 8" PVC SEWER LATERAL PER CITY OF RIVERSIDE 664 LF.  
PUBLIC WORKS DEPARTMENT STD. Dwg. NO. 562.
3. CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STD. Dwg. NO. 560. ALL MANHOLE COVERS EXCEPT MANHOLE NO. D TO READ "PRIVATE SEWER." 8 EA.
4. INSTALL 8" EXTRA STRENGTH VCP SEWER MAIN (ASTM C 700) 2 LF.
5. INSTALL 4" SCHEDULE 40 PVC WATER SERVICE LINE (ASTM D-1785) AND FITTINGS (ASTM D-2466) 68 LF.
6. INSTALL 3" SCHEDULE 40 PVC WATER SERVICE LINE (ASTM D-1785) AND FITTINGS (ASTM D-2466) 395 LF.
7. INSTALL 2" SCHEDULE 40 PVC WATER SERVICE LINE (ASTM D-1785) AND FITTINGS (ASTM D-2466) 455 LF.
8. INSTALL REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY PER CITY OF RIVERSIDE UTILITY DEPARTMENT STANDARD NO. CWD 631 SIZE TO MATCH SUPPLY LINE DIAMETER. 2 EA.

### GENERAL NOTES

1. SEE SECTIONS 02225, 02667 & 02732 OF THE PROJECT SPECIFICATIONS.
2. THE SEWER MANHOLE RIM ELEVATIONS STATED HEREON ARE FOR QUANTITY ESTIMATING PURPOSES ONLY. THE CONTRACTOR SHALL SET RIMS FLUSH WITH PROPOSED PAVEMENTS.
3. SEE PLUMBING PLANS FOR COLD WATER SUPPLY LINE FROM BUILDING 1 TO 2 AND 3.
4. CONTRACTOR TO COORDINATE EXACT LOCATIONS OF LATERALS WITH BUILDING CONTRACTOR.
5. THE CONTRACTOR MUST OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF RIVERSIDE, PUBLIC WORKS DEPARTMENT PRIOR TO WORKING WITHIN THE PUBLIC SEWER EASEMENT.

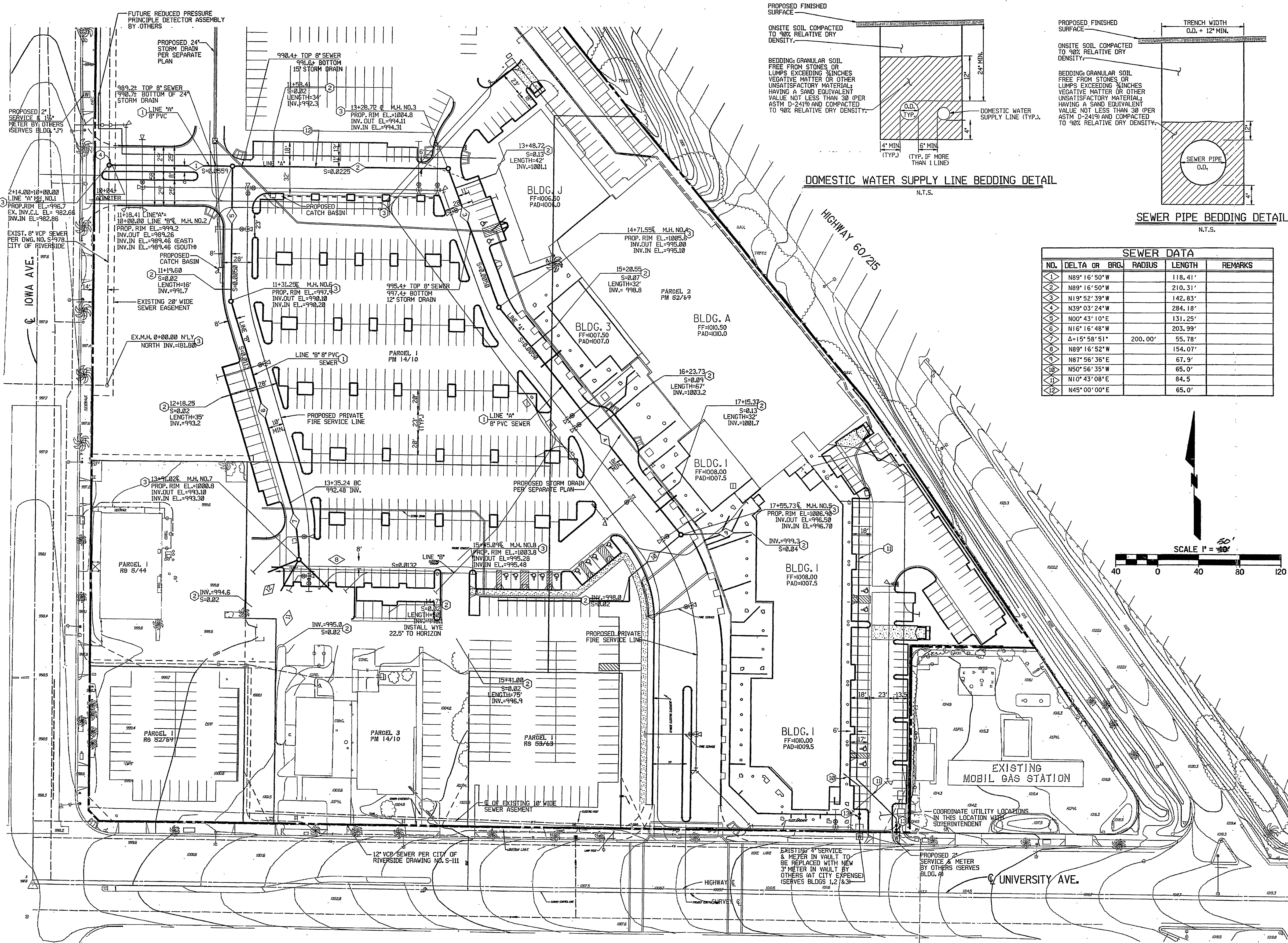
### LEGEND

SYMBOL	INDICATES
	SEWER MAIN AND MANHOLE
	SEWER LATERAL
	DOMESTIC WATER SUPPLY LINE
	WATER METER
INV.	INVERT ELEVATION



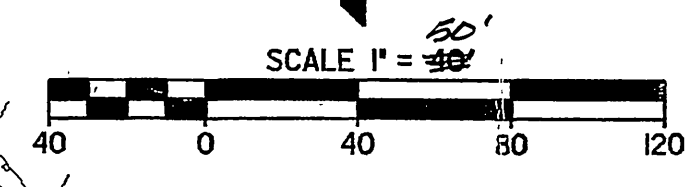
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NORTHSIDE BLUEPRINT DEPT. OF PUBLIC WORKS  
CU 046 945



### SEWER DATA

NO.	DELTA OR BRG.	RADIUS	LENGTH	REMARKS
1	N89°16'50"W		118.41'	
2	N89°16'50"W		210.31'	
3	N19°52'39"W		142.83'	
4	N39°03'24"W		284.18'	
5	N00°43'10"E		131.25'	
6	N16°16'48"W		203.99'	
7	Δ=15°58'51"	200.00'	55.78'	
8	N89°16'52"W		154.07'	
9	N87°56'36"E		67.9'	
10	N50°56'35"W		65.0'	
11	N10°43'08"E		84.5'	
12	N45°00'00"E		65.0'	



**CAUTION:**  
EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

**RICK ENGINEERING COMPANY**  
3050 CHICOAGO AVENUE  
SUITE 100  
RIVERSIDE, CA 92507  
(909) 782-0707

NO.	REVISIONS	APPROVED	DATE

UNIVERSITY VILLAGE-PHASE 1A  
PRIVATE SEWER AND DOMESTIC WATER PLAN  
IN THE CITY OF RIVERSIDE  
SHEET 1 OF 1

INDEXED 12-22-03 L/H  
S-1824  
RE PLOT DATE: 12-MAY-2003 J.N. 12644