

# SEWER PLAN FOR: WALMART RIVERSIDE (E) #1899-05 RIVERSIDE, CALIFORNIA

### GENERAL NOTES

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
2. 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.
3. 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 OF RIVERSIDE.
4. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING 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. 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.
8. THE CONTRACTOR SHALL CALL IN 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.
9. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
10. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
11. 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.
12. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
13. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING A VIDEO INSPECTION OF THE NEW SEWER MAIN PRIOR TO FINAL ACCEPTANCE OF THE WORK. THE VIDEO INSPECTION MUST BE PERFORMED IN THE PRESENCE OF THE PUBLIC WORKS INSPECTOR. A RECORDING OF THE VIDEO INSPECTION MUST BE SUBMITTED TO THE CITY FOR REVIEW AND ACCEPTANCE.
14. 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 CROSSING AND CONNECTIONS AND VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES AFFECTED. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BEFORE CONSTRUCTION BEGINS.
16. PIPE JOINTS FOR VITRIFIED CLAY PIPE SHALL BE TYPE "G" AS SPECIFIED IN SECTION 208-2.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS PROJECTS.

### ENGINEER'S NOTE:

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

### EMWD NOTE:

NON-INTERFERENCE LETTER FROM EMWD ON FILE WITH GRADING PERMIT PW10-0538

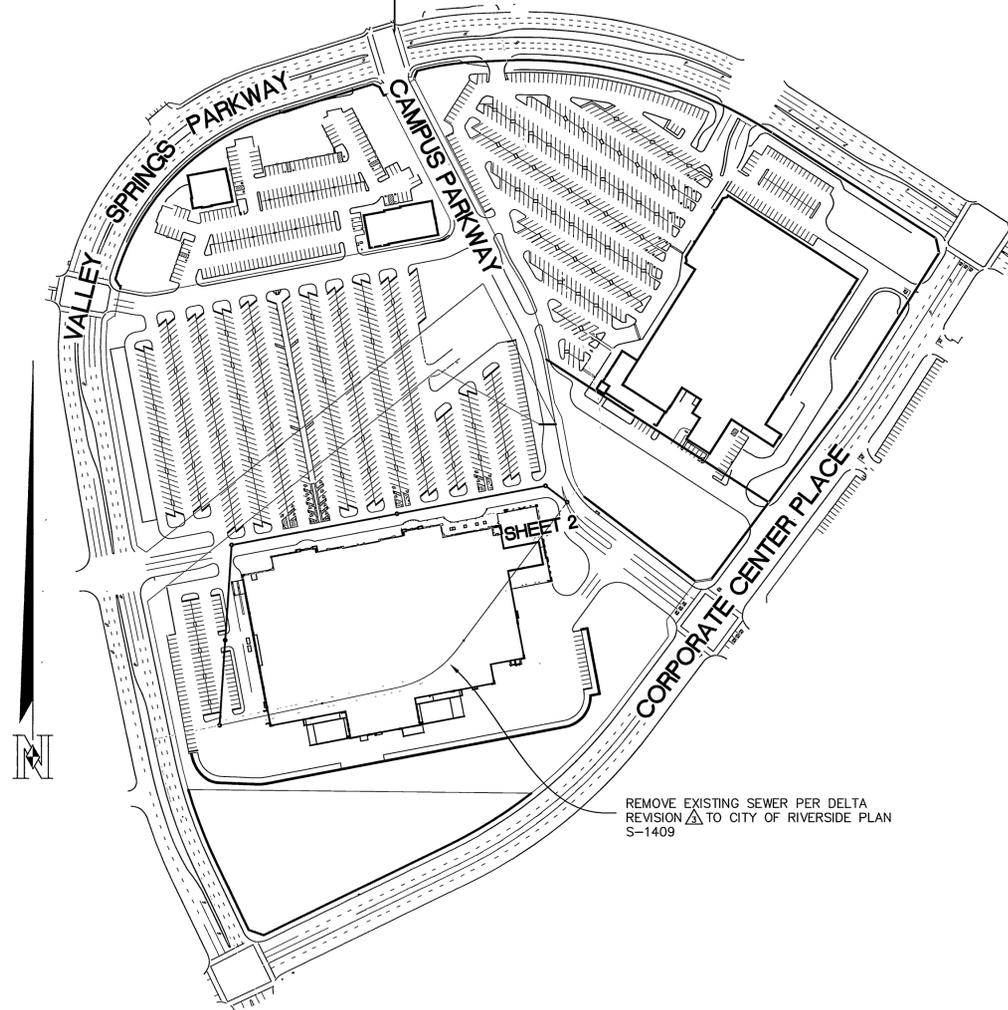
### LEGEND

- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY SEWER MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING SEWER LINE
- PROPOSED FIRE SERVICE LINE
- EXISTING WATER LINE
- EXISTING PROPERTY LINE

QUANTITY	UNITS
1065	LF
6	EA

### REFERENCE DRAWINGS

S-1409  
R-3825



REMOVE EXISTING SEWER PER DELTA REVISION TO CITY OF RIVERSIDE PLAN S-1409

### CONSTRUCTION NOTES

1. CONSTRUCT 8" VCP SEWER MAIN W/PIPE BEDDING CASE II PER CITY OF RIVERSIDE STANDARD DWG. 452.
2. CONSTRUCT 48" SEWER MANHOLE PER CITY OF RIVERSIDE STD. DWG NO. 500.
3. CONSTRUCT 4" LATERAL WITH CLEANOUT PER CITY OF RIVERSIDE STD. DWG. NO 562
4. CONSTRUCT 60" SEWER MANHOLE PER CITY OF RIVERSIDE STD. DWG NO. 500.

### SHEET INDEX MAP

NTS

### OWNER/APPLICANT

WAL-MART REAL ESTATE BUSINESS TRUST  
2001 S.E. 10TH STREET, SWDC  
BENTONVILLE, ARKANSAS 72716-0550  
(479) 273-4000

### ENGINEER OF WORK

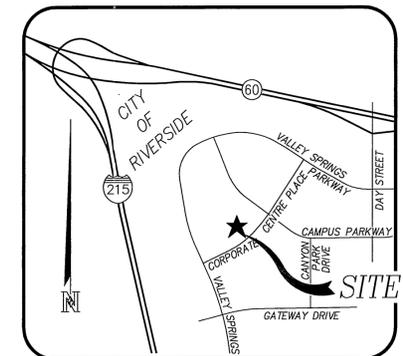
NASLAND ENGINEERING  
4740 RUFFNER STREET  
SAN DIEGO, CA 92111  
(858) 292-7770

### BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NAD 83 ZONE 6 GRID BEARING BETWEEN STATION "MLFP" AND STATION "PPFB", EPOCH 2000.35, PER NGS DATA SHEETS.  
I.E. N53°20'18"E  
COMBINED SCALE FACTOR AT STATION "PPFB" IS 0.99996000  
GRID DISTANCE = GROUND DISTANCE X COMBINED SCALE FACTOR.

### BENCHMARK

CITY OF RIVERSIDE BENCH MARK  
2 1/2" BRASS DISK STAMPED "CITY OF RIVERSIDE GPS STATION 66 1991 CADME"  
SET IN THE TOP OF A CATCH BASIN ALONG THE NORTHERLY SIDE OF CANYON SPRINGS PARKWAY 0.3 MILES WEST OF DAY STREET  
ELEVATION = 1594.281 DATUM NGVD 1929



VICINITY MAP  
NO SCALE



**IMPORTANT NOTICE**  
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a Permit to Excavate will be valid. For your Dig Alert ID, Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

CITY OF RIVERSIDE BUSINESS TAX CERTIFICATION # BLO0102994 EXP. 11-11-11

**NASLAND ENGINEERING**  
CIVIL ENGINEERING • SURVEYING • LAND PLANNING  
4740 Ruffner Street, San Diego, California 92111, 619-292-7770

*Peter Bowen Ritchey*  
PETER BOWEN RITCHEY  
R.C.E. No. 67652 expires

DATE 10-20-2011



MARK	REVISIONS	APPR.	DATE

DESIGNED BY \_\_\_\_\_ DRAWN BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_

**CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT**

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	EM	10/20/11	<i>Hubert</i>
ENGINEERING MANAGER	EM	10/24/11	CITY ENGINEER

DATE 10/24/11

**SEWER IMPROVEMENT PLAN  
WALMART  
RIVERSIDE (E) #1899-05  
VALLEY SPRINGS PARKWAY, RIVERSIDE, CA**

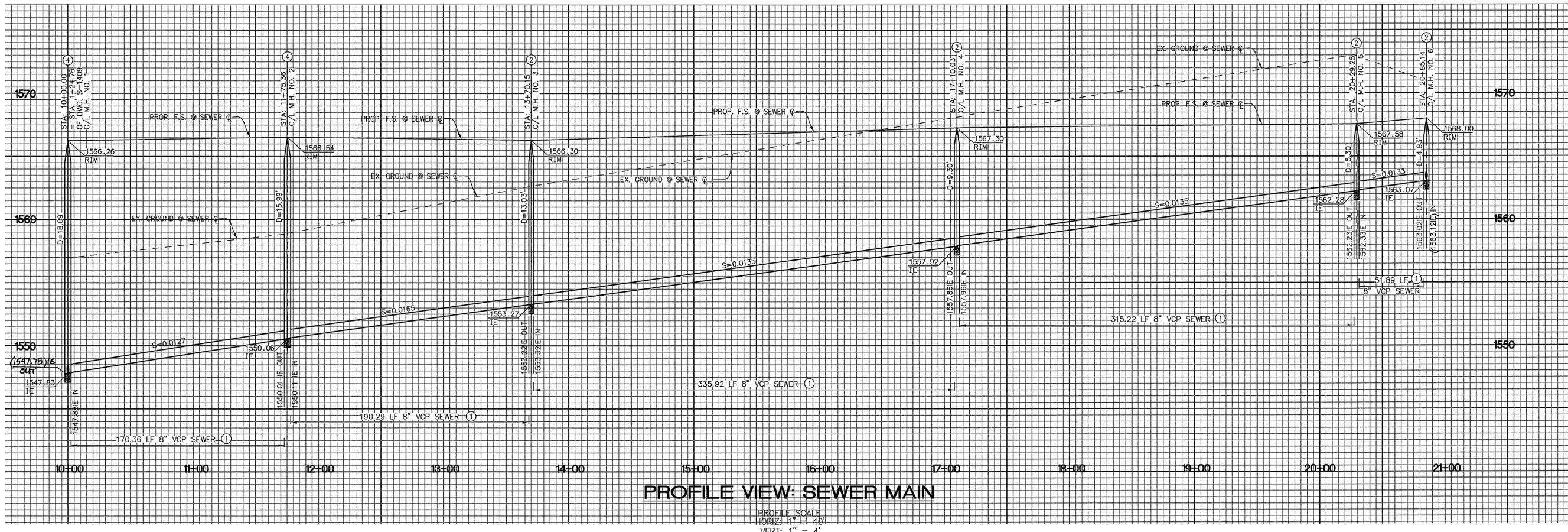
HORIZONTAL SCALE: 1" = 40' VERTICAL SCALE: 1" = 4'

PLAN DATE IDENTIFIER  
DATE OF LAST CHANGE TO THIS PLAN  
6/23/2011 BY: AG

ACCT. NO. PW10-0539

**S-2087**

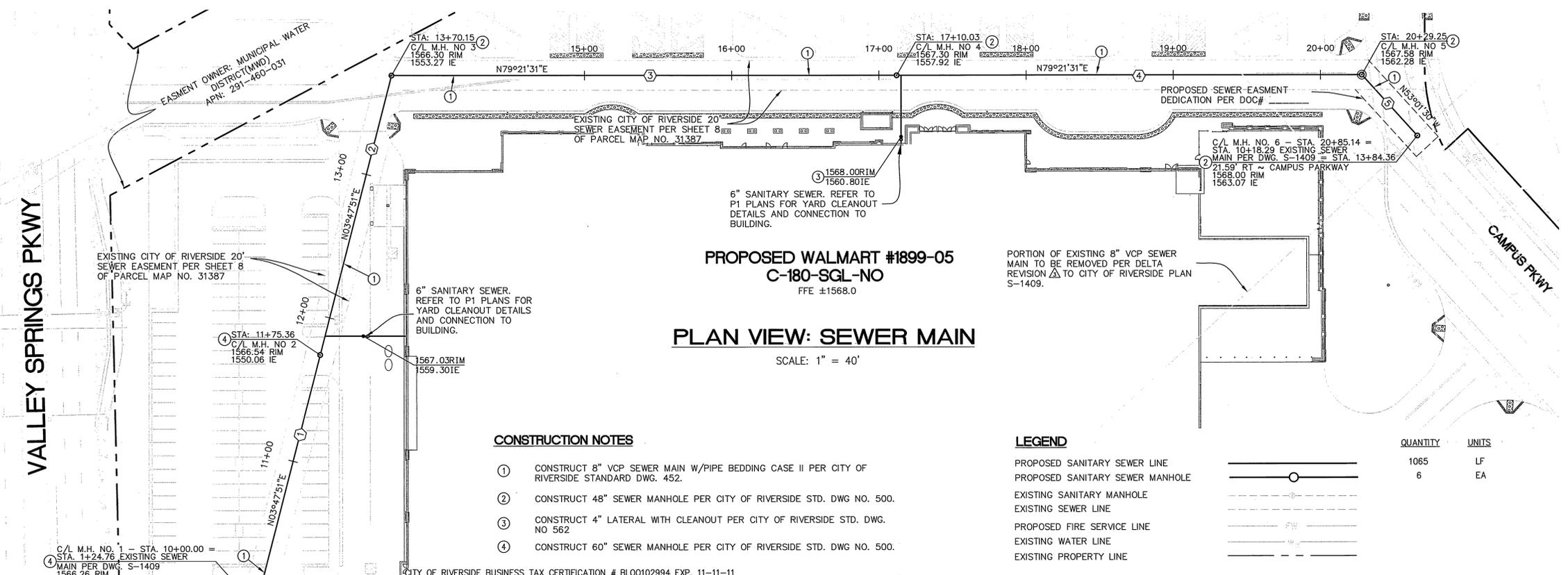
SHEET 1 OF 2



**PROFILE VIEW: SEWER MAIN**

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

SEWER SCHEDULE (PUBLIC)				
LINE	LENGTH	BEARING	PIPE SIZE	SLOPE
①	170.36'	N03°47'51"E	8" VCP	1.27%
②	190.29'	N03°47'51"E	8" VCP	1.65%
③	335.92'	N79°21'31"E	8" VCP	1.35%
④	315.22'	N79°21'31"E	8" VCP	1.35%
⑤	51.89'	N53°01'30"W	8" VCP	1.33%



**PLAN VIEW: SEWER MAIN**

SCALE: 1" = 40'

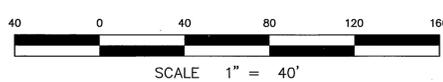
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**LEGEND**

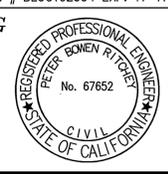
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**NASLAND ENGINEERING**  
CIVIL ENGINEERING • SURVEYING • LAND PLANNING  
4700 BOUTER STREET, SAN DIEGO, CALIFORNIA 92121-3877  
PETER BOWEN RITCHIEY  
R.C.E. No. 67652  
DATE: 10-20-2011



**CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT**

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	PM	10/21/11	CITY ENGINEER
ENGINEERING MANAGER	PM	10/21/11	

**SEWER IMPROVEMENT PLAN WALMART**  
RIVERSIDE (E) #1899-05  
VALLEY SPRINGS PARKWAY, RIVERSIDE, CA  
6250 VALLEY SPRINGS PARKWAY, RIVERSIDE, CA  
HORIZONTAL SCALE: 1" = 40' VERTICAL SCALE: 1" = 4'

**PLAN DATE IDENTIFIER**  
DATE OF LAST CHANGE TO THIS PLAN: 6/23/2011 BY: AG  
PW10-0539  
ACCT. NO. S-2087  
SHEET 2 OF 2