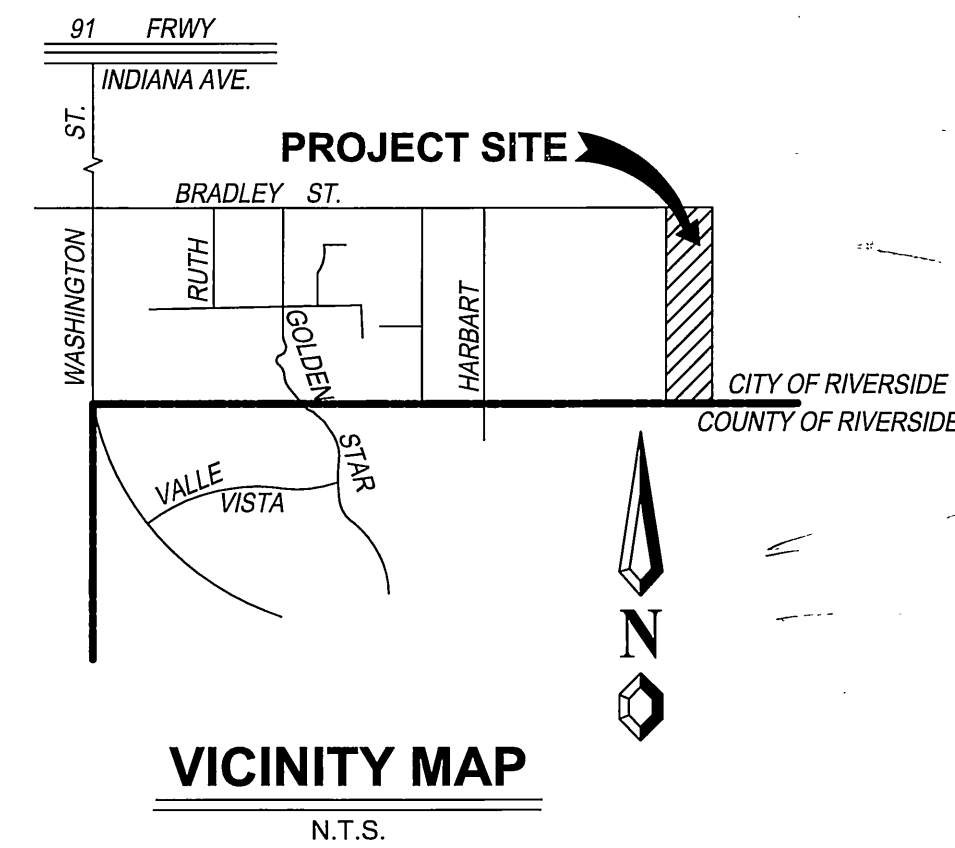


CITY OF RIVERSIDE, CALIFORNIA SEWER IMPROVEMENT PLANS FOR TRACT NO. 32205

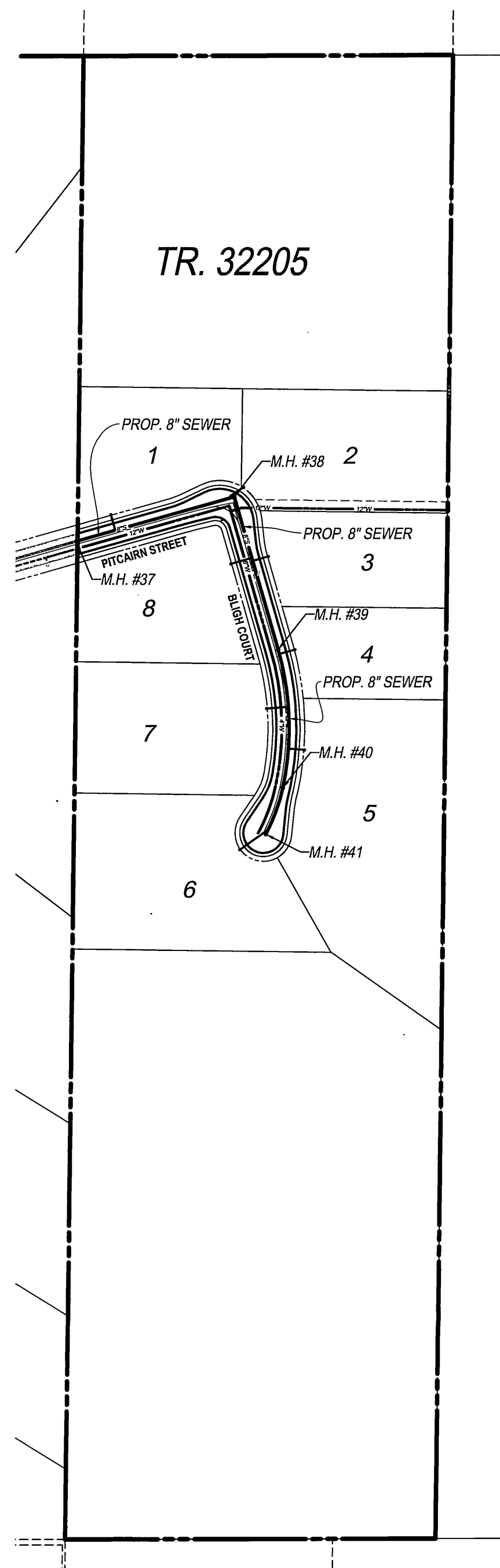


SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET, NOTES & INDEX MAP
2	SEWER IMPROVEMENT PLANS

SEWER LEGEND

- PROPOSED SEWER MANHOLE - PER STD. DWG. NO. 500
- PROPOSED SEWER MAINLINE - PIPE BEDDING PER STD DWG. NO. 452
- EXISTING SEWER MAINLINE - PIPE BACKFILL PER STD. DWG. NO. 453
- SEWER CLEANOUT
-
- PROPOSED WATER MAINLINE



INDEX MAP

SCALE: 1"=200'

GENERAL NOTES

- 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.
- 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 AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- 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.
- THE CONTRACTOR SHALL CALL IN A 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.
- CONTRACTOR IS TO VERIFY EXISTING SEWER LOCATION AND ELEVATION PRIOR TO START OF CONSTRUCTION.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- NO FINISHED 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.
- 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.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- 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.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.

CONSTRUCTION NOTES AND ESTIMATE OF QUANTITIES			
NO.	SEWER NOTES	QUANTITIES	UNITS
①	CONSTRUCT 8" VCP SEWER (BEDDING CASE I PER CITY OF RIVERSIDE STD. 452)	918	L.F.
②	CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD. 500	4	EA.
③	CONSTRUCT 4" SEWER LATERAL WITH PROPERTY LINE CLEANOUT PER CITY OF RIVERSIDE STD. 562A (BEDDING CASE I PER CITY OF RIVERSIDE STD. 452)	278	L.F.
④	REMOVE EXISTING CLEAN-OUT	1	EA.
⑤	CONSTRUCT SEWER CLEANOUT PER CITY OF RIVERSIDE STD. 560	1	EA.

NOTICE TO CONTRACTOR

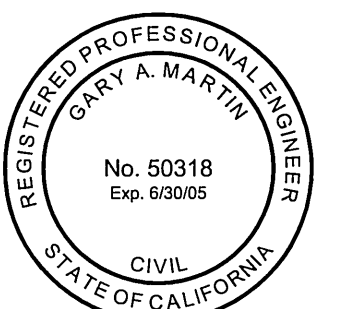
- ACCORDING TO INFORMATION PROVIDED BY UNDERGROUND SERVICE ALERT (U.S.A.) DATED JULY 30, 2002, THE FOLLOWING ORGANIZATIONS ARE U.S.A. MEMBERS WITHIN THE PROJECT AREA:

CHARTER COMMUNICATIONS	MEDIA ONE
PACIFIC BELL MOBILE SERVICE	PACIFIC BELL
QUESTAR LINE 90 COMPANY	CITY OF RIVERSIDE
THE GAS COMPANY	
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS.
- 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 (U.S.A.) 1-800-422-4133 AT LEAST 48 HOURS PRIOR TO EXCAVATION.



CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-ELECTRIC
OVERHEAD & UNDERGROUND

APPROVED BY: *[Signature]* DATE: 6/23/05



CITY OF RIVERSIDE
WATER SYSTEM

APPROVED BY: *[Signature]* DATE: 6/23/05

BENCH MARK DESCRIPTION:
 POINT ID: GPS-69
 ELEVATION: 1083.685
 DATE LVLD: 1998
 REFERENCE: LL45/69
 DATUM: 1929
 2ND ORDER POINT
 DESCRIPTION:
 G.P.S. POINT 69 - A 2 1/2" BRASS DISK STAMPED "CITY OF RIVERSIDE GPS STATION 69 - 1991"
 SET IN THE NORTH END OF A CATCH BASIN 1' EAST OF THE EAST CURB OF WASHINGTON STREET
 AND 3' SOUTH OF THE BCR AT THE SOUTHEAST CURB RETURN OF WASHINGTON STREET AND
 BRADLEY STREET.
 (COMBINED LEVELS - R.B.F. AND CITY) MISC. LEVEL WORK

CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE No. 109986 EXP. 2/7/06

19 Spectrum Pointe Drive • Suite 609
 Lake Forest, CA 92630
 (949) 399-0870
 (949) 399-0830 Fax

MAYERS & ASSOCIATES
 Civil Engineering, Inc.
 PLANNING • ENGINEERING • SURVEYING

BY: *[Signature]* DATE: 6/22/05
 R.C.E. No. 50318 EXP. 6/30/05

J.N. 03-0069-08 FOR:

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 7/8/05
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION

CITY OF RIVERSIDE, CALIFORNIA
SEWER PLAN & PROFILE
TRACT NO. 32205
TITLE SHEET

APPROVED BY: *[Signature]* DATE: 7/8/05
 CITY ENGINEER

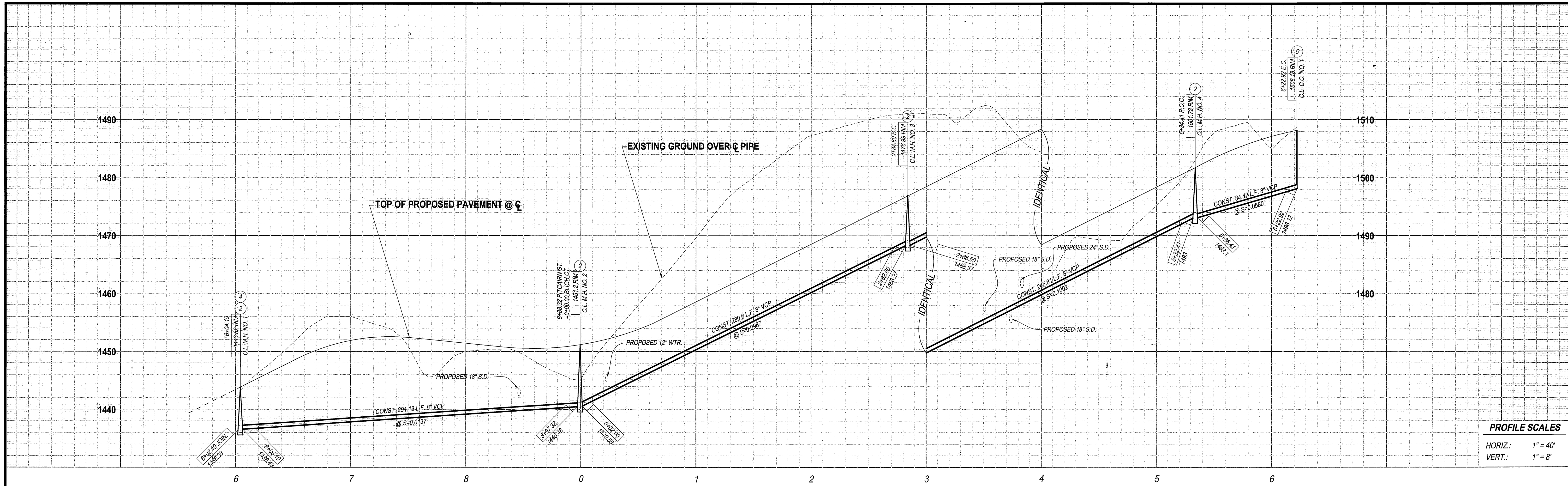
SCALE: AS SHOWN

BUSINESS TAX NUMBER: XXXX
 EXPIRATION DATE: XXXX

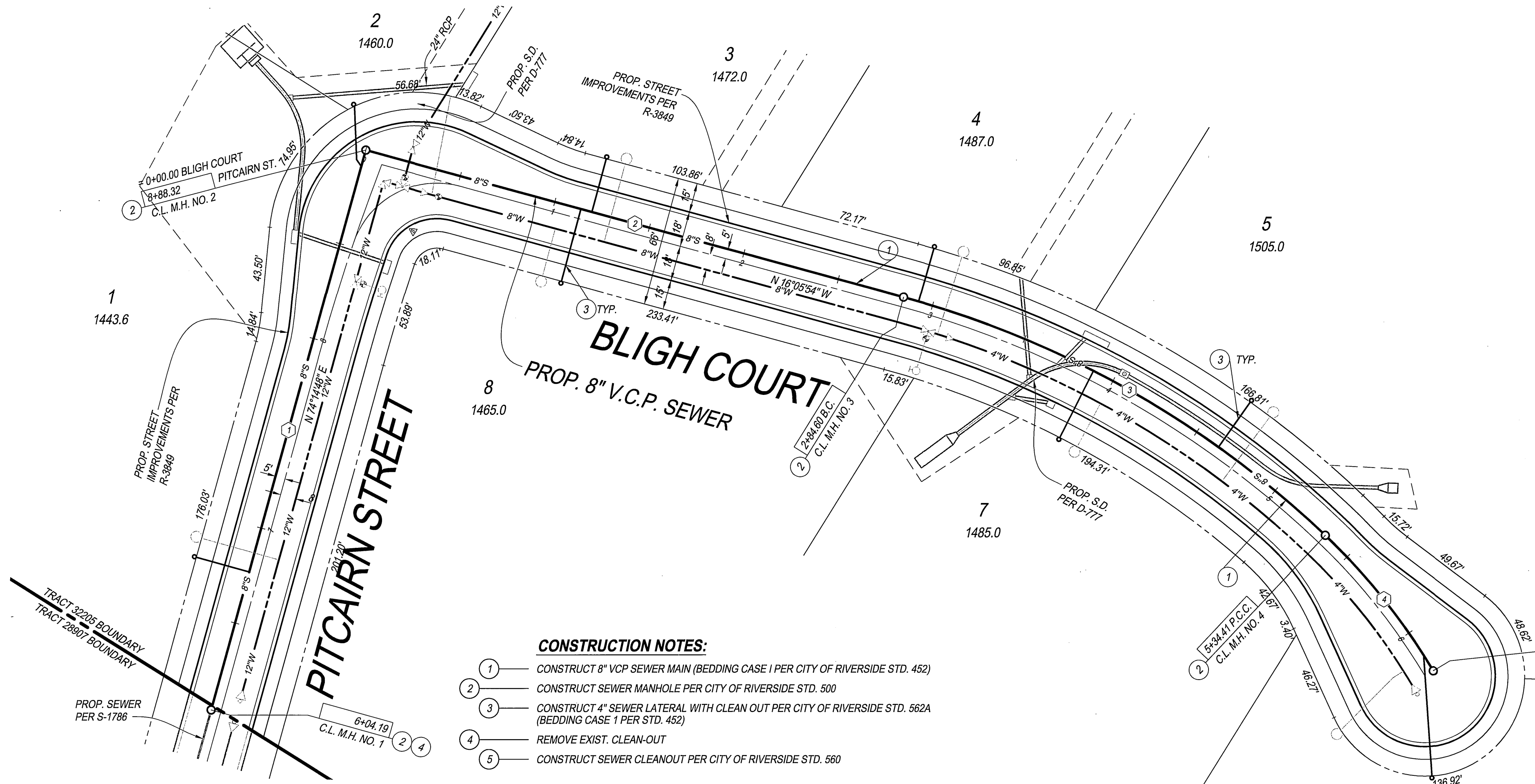
ACCOUNT No.
DRAWING NUMBER
S-1901
SHEET 1 OF 2
PW05-0161

UNDERGROUND SERVICE ALERT
 Call-Toll FREE
 1-800-227-2800
 TWO WORKING DAYS
 BEFORE YOU DIG

"CAUTION": Remember that the USA Center notifies only those utilities belonging to the center. There could be other utilities present at the work site. The center will inform you of whom they will notify.



PROFILE SCALES
 HORIZ.: 1" = 40'
 VERT.: 1" = 8'



SEWER DATA TABLE

NO.	BEARING/DELTA	RADIUS	LENGTH	TANGENT	REMARKS
1	N 74°14'48" E		295.13		8" V.C.P.
2	N 16°05'54" W		284.60		8" V.C.P.
3	28°20'34"	505.00	249.81	127.52	8" V.C.P.
4	15°35'16"	325.00	88.42	44.48	8" V.C.P.

- CONSTRUCTION NOTES:**
1. CONSTRUCT 8" VCP SEWER MAIN (BEDDING CASE 1 PER CITY OF RIVERSIDE STD. 452)
 2. CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD. 500
 3. CONSTRUCT 4" SEWER LATERAL WITH CLEAN OUT PER CITY OF RIVERSIDE STD. 562A (BEDDING CASE 1 PER STD. 452)
 4. REMOVE EXIST. CLEAN-OUT
 5. CONSTRUCT SEWER CLEANOUT PER CITY OF RIVERSIDE STD. 560

BENCH MARK DESCRIPTION:

POINT ID: GPS-69
 ELEVATION: 1083.685
 DATE LVLD: 1998
 REFERENCE: LL45/69
 DATUM: 1929
 ADJUSTMENT YEAR: 1971
 2ND ORDER POINT
 DESCRIPTION:
 G.P.S. POINT 69 - A 2 1/2" BRASS DISK STAMPED "CITY OF RIVERSIDE GPS STATION 69 - 1991"
 SET IN THE NORTH END OF A CATCH BASIN 1' EAST OF THE EAST CURB OF WASHINGTON STREET
 AND 3' SOUTH OF THE BCR AT THE SOUTHEAST CURB RETURN OF WASHINGTON STREET AND
 BRADLEY STREET.
 (COMBINED LEVELS - R.B.F. AND CITY) MISC. LEVEL WORK



UNDERGROUND SERVICE ALERT
 Call/Toll FREE
 1-800-227-2600
 TWO WORKING DAYS
 BEFORE YOU DIG
 *CAUTION: Remember that the USA Center notifies only those utilities belonging to the center. There could be other utilities present at the work site. The center will inform you of whom they will notify.

19 Spectrum Pointe Drive • Suite 609
 Lake Forest, CA 92630
 (949) 599-0870
 (949) 599-0880 Fax
MAYERS & ASSOCIATES
 Civil Engineering, Inc.
 PLANNING • ENGINEERING • SURVEYING
 BY: *G.M.T.* DATE: 6/22/05
 R.C.E. No. 0318 EXP. 6/30/05
 J.N. 03-0069-08 FOR:

MARK	REVISIONS	APPR.	DATE
DESIGNED BY:	DRAWN BY:	CHECKED BY: G.M.	

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 7/18/05
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION

SEWER PLAN & PROFILE
TRACT NO. 32205
PITCAIRN STREET
BLIGH COURT
 STA. 6+04.19 TO STA. 6+22.92
 STA. 6+00.00 TO STA. 6+22.92
 SCALE: AS SHOWN

ACCOUNT No.
 DRAWING NUMBER
S-1901
 SHEET 2 OF 2
PW05-0161

