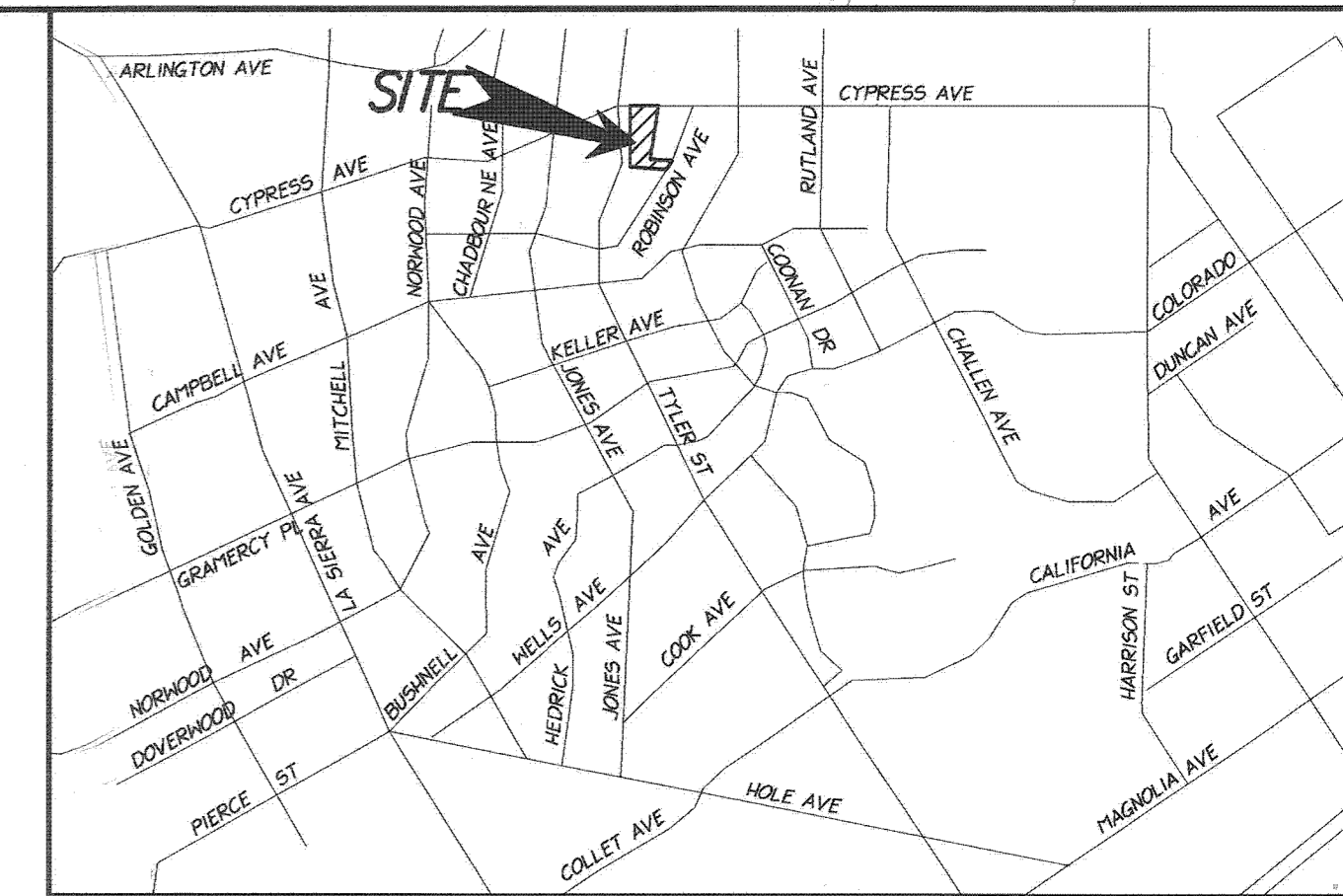


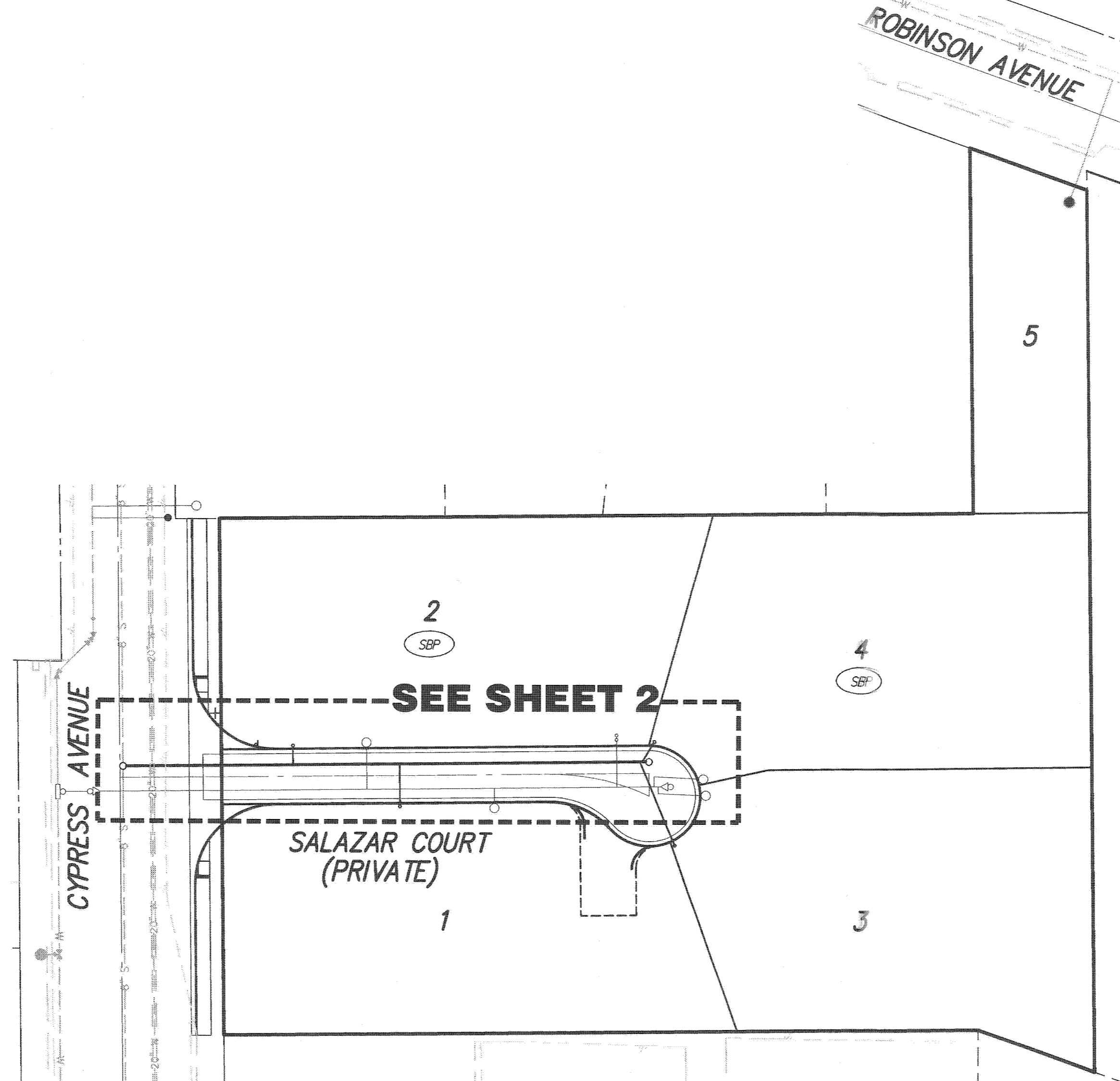
CITY OF RIVERSIDE SEWER IMPROVEMENT PLANS TRACT NO. 33925



VICINITY MAP
THOMAS GUIDE - PAGE 714, E3 (2000 EDITION)
SECTION 2, TOWNSHIP 3 SOUTH, RANGE 6 WEST
NOT TO SCALE

GENERAL NOTES

1. 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.
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, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. 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.
5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
6. 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.
7. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
8. 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 INSPECTORS.
9. 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.
10. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
11. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
12. 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.
13. 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.
14. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
15. PIPES JOINTS FOR VITRIFIED CLAY PIPE SHALL BE TYPE "G" AS SPECIFIED IN SECTION 208-2.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS PROJECTS. IF PLASTIC PIPE IS ALLOWED AS AN ALTERNATIVE, ALL PIPE JOINTS SHALL BE GASKETED. CEMENTED JOINTS SHALL NOT BE ALLOWED.
16. THE DEVELOPER AND/OR CONTRACTOR IS RESPONSIBLE FOR PERFORMING A VIDEO INSPECTION OF ALL NEW SEWER AND STORM DRAIN FACILITIES TO BE PUBLICLY OWNED AND MAINTAINED 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.
17. IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.

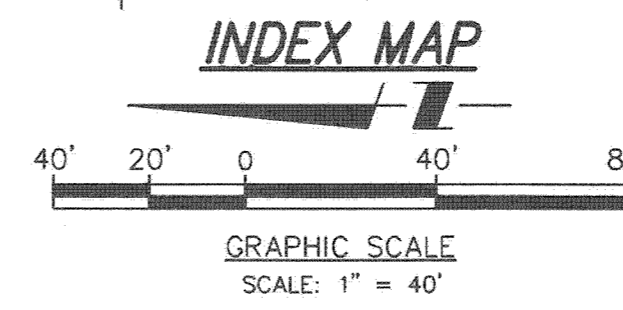


PRIVATE ENGINEER'S NOTES:

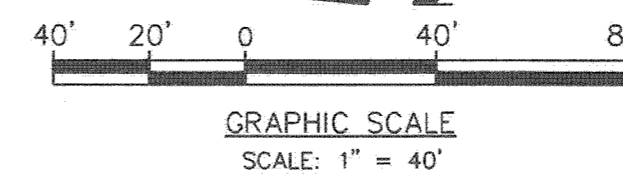
1. UNLESS SPECIFIED IN THE PROJECT SPECIFIC CONSTRUCTION DOCUMENTS, ALL CONSTRUCTION SHOWN HEREON SHALL BE IN ACCORDANCE WITH THE GOVERNING AGENCY ADOPTED VERSION OF THE UNIFORM BUILDING CODE, THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (CURRENT EDITION) AND THE "STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION" (CURRENT EDITION).
2. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OF STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENTS CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL POSITION OF ALL POINTS OF CONNECTION TO EXISTING STRUCTURES. THIS SHALL INCLUDE BOTH ABOVE GROUND AND BELOW GROUND POINTS OF CONNECTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION.
4. THICKNESS OF PAVEMENT AND BASE MATERIAL SHOWN HEREON IS PRELIMINARY ONLY. FINAL PAVEMENT SECTION TO BE DETERMINED BY SOILS TEST AND RECOMMENDED BY THE SOILS ENGINEER UPON COMPLETION OF ROUGH GRADING.
5. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSURE SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
6. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS ACCORDINGLY.

TELEPHONE NUMBERS

EMERGENCY	
RIVERSIDE POLICE DEPARTMENT	(951) 787-7911
RIVERSIDE FIRE DEPARTMENT	(951) 326-5321
GOODHEM AMBULANCE	(951) 684-5520
RIVERSIDE COMMUNITY HOSPITAL	(951) 788-3000
RIVERSIDE GENERAL HOSPITAL	(951) 331-0925
UTILITIES	
UNDERGROUND SERVICE ALERT	(800) 227-2600
CITY OF RIV. ELEC. OPERATIONS CONTROL CTR.	(951) 687-0791
SOUTHERN CALIFORNIA GAS (DISTRIBUTION)	(800) 227-2600
CITY OF RIV. PUBLIC UTIL. CUSTOMER SERVICES	(800) 702-0330
PACIFIC BELL	(800) 227-2600
AMERICAN TELEPHONE & TELEGRAPH	(951) 381-7380
CHARTER COMMUNICATION CABLE	(951) 688-9012
CITY OF RIV. WATER OPERATIONS EMERGENCIES	(951) 688-9012
OTHERS	
RIVERSIDE PUBLIC WORKS DEPARTMENT	(951) 826-5341
R.F. DICKSON STREET SWEEPING	(800) 881-7994
WESTERN WASTE	(951) 737-0343
RIVERSIDE DIAL-A-RIDE (SUPERVISOR)	(951) 275-0620
US POSTAL SERVICE	(951) 737-0461
RIVERSIDE UNIFIED SCHOOL DISTRICT	(951) 788-7134
RIVERSIDE TRANSIT AGENCY	(951) 684-0850



INDEX MAP



OWNER/DEVELOPER

GARCIA MENDOZA
6906 FARRIER AVENUE
RIVERSIDE, CA 92503
PH: (909) 238-0940
CONTACT: GARCIA MENDOZA

ENGINEER

PSOMAS
1500 IOWA AVENUE, SUITE 210
RIVERSIDE, CA 92507
PHONE: (951) 787-8421
FAX: (951) 682-3379

LEGAL DESCRIPTION

.49 ACRES 11/4 IN FOR LOT 5 BLK 19 MB 012/042 LA GRANADA
1.78 ACRES 11/4 IN LOT 3 BLK 19 MB 012/042 LA GRANADA

SOILS ENGINEER & GEOLOGIST

SOIL EXPLORATION COMPANY, INC
7265 JURUPA AVENUE SUITE H
RIVERSIDE, CA 92504
PH: (951) 6888-7200
FAX: (951) 6888-7100

SOURCE OF TOPOGRAPHY

ARROWHEAD MAPPING CO.
431 MAC KAY DRIVE
SAN BERNARDINO, CA 92408
PH: (909) 889-2420
FAX: (909) 889-2664

SHEET INDEX

SHEET 1	TITLE SHEET
SHEET 2	PLAN & PROFILE

RELATED PLANS

GRADING PLAN	PW16-0112
STREET PLAN	R-4070
WATER PLAN	PW406-0207
STREET PLAN	R-2921

SEWER BACKFLOW PREVENTERS

THE FOLLOWING LOTS ARE REQUIRED TO HAVE SEWER BACK FLOW PREVENTERS INSTALLED: 2 AND 4.

SEWER LEGEND

	PROPOSED SEWER LINE
	EXISTING SEWER LINE
	PROPOSED SEWER LINE WITH LATERALS
	PROPOSED MANHOLE
	EXISTING MANHOLE
	PROPOSED CLEANOUT
	SEWER BACKFLOW PREVENTOR REQUIRED

CONSTRUCTION NOTES:

- ① INSTALL 8" VCP SEWER WITH PIPE BEDDING CASE III PER CITY STANDARD 452. 228 L.F.
- ② INSTALL SEWER MANHOLE PER CITY OF RIVERSIDE STANDARD 500. 2 EACH
- ③ INSTALL 4" SEWER LATERAL WITH P.L. CLEANOUT PER CITY OF RIVERSIDE STANDARD 562A. 78 L.F./4 EACH

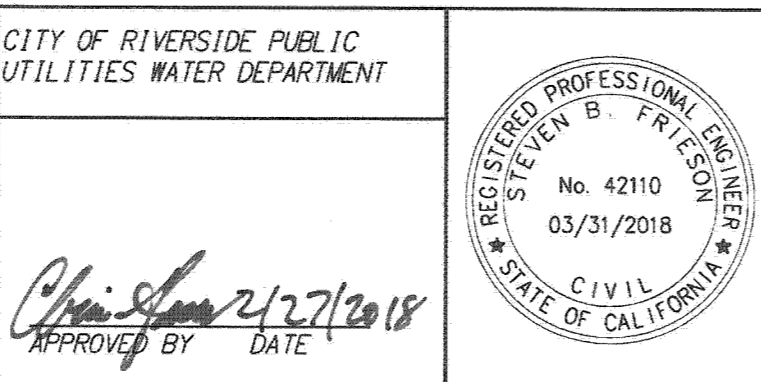
QUANTITIES



PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

BENCHMARK:
CITY OF RIVERSIDE
POINT ID: G2-Q3
P. K. NAIL AND CITY ENGINEER TAG IN THE CENTER OF THE NORTHEAST CURB RETURN AT TYLER STREET AND GURD STREET. (NAVD 29)
ELEV: 778.741
DATE: 1929

CITY OF RIVERSIDE PUBLIC UTILITIES WATER DEPARTMENT
APPROVED BY: *Chris Lopez* 2/27/2018
DATE: 2/18/19



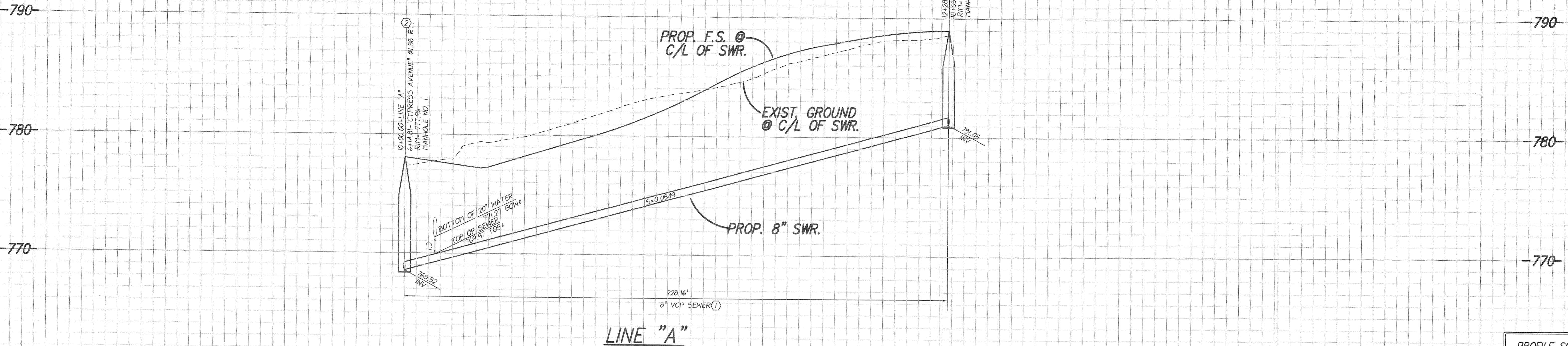
CITY BUSINESS CERTIFICATE NO. 0021337, EXP. 10/31/2018
PSOMAS
1500 IOWA AVENUE, SUITE 210
RIVERSIDE, CA 92507
(951) 787-8421 WWW.PSOMAS.COM
PREPARED BY: *[Signature]* R.C.E. NO. 42110
DATE: 2/18/19

MARK	REVISIONS	APPR. DATE
DESIGNED BY: <i>SB</i>	DRAWN BY: <i>JC</i>	CHECKED BY: <i>SB</i>

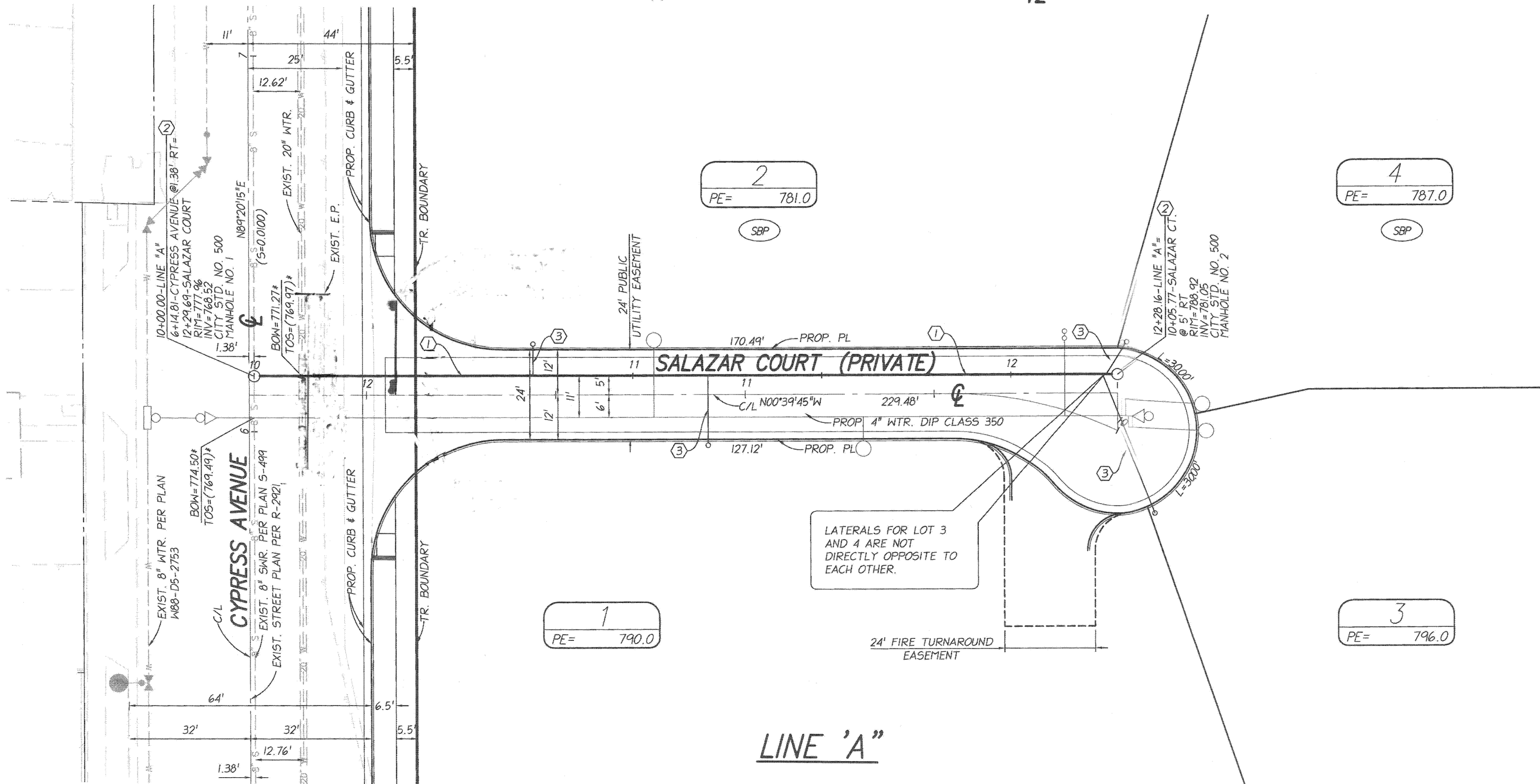
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: *[Signature]* DATE: 2/18/19
ENGINEERING MANAGER
TRAFFIC DIVISION
SEWER DIVISION
DATE: 2/18/19
CITY ENGINEER

CITY OF RIVERSIDE
SEWER IMPROVEMENT PLANS
TRACT NO. 33925
TITLE SHEET
HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN

PW 16-014
S-2138
SHEET 1 OF 2

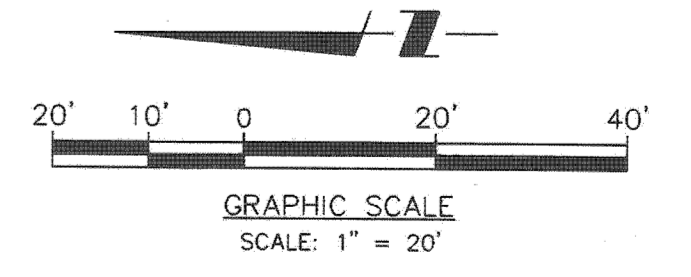


PROFILE SCALE
 HORZ: 1" = 20'
 VERT: 1" = 4'



- CONSTRUCTION NOTES:**
- INSTALL 8" VCP SEWER WITH PIPE BEDDING CASE III PER CITY STANDARD 452.
 - INSTALL SEWER MANHOLE PER CITY OF RIVERSIDE STANDARD 500.
 - INSTALL 4" SEWER LATERAL WITH P.L. CLEANOUT PER CITY OF RIVERSIDE STANDARD 562A.

*** NOTE:**
 PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL POSITION OF ALL POINTS OF CONNECTION TO EXISTING STRUCTURES. THIS SHALL INCLUDE BOTH ABOVE GROUND AND BELOW GROUND POINTS OF CONNECTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO THE BEGINNING OF CONSTRUCTION.



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BENCHMARK:
 CITY OF RIVERSIDE
 POINT ID: G2-03
 P.K. NAIL AND CITY ENGINEER TAG IN THE CENTER OF THE NORTHEAST CURB RETURN AT TYLER STREET AND GOULD STREET. (NAVD 29)
 ELEV: 778.741
 DATE: 1929

CITY OF RIVERSIDE PUBLIC UTILITIES WATER DEPARTMENT
 APPROVED BY: *Chris...* 2/27/2018
 DATE: 2/27/2018



CITY BUSINESS CERTIFICATE NO. 0021337, EXP. 10/31/2018
PSOMAS
 1500 IOWA AVENUE, SUITE 210
 RIVERSIDE, CA 92507
 (951) 787-8421 WWW.PSOMAS.COM
 PREPARED BY: *[Signature]* R.C.E. NO. 42110 DATE: 2/15/18

MARK	REVISIONS	APPR. DATE
DESIGNED BY	SE	DRAWN BY
CHECKED BY	SE	

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 4/19/18
 ENGINEERING MANAGER
 TRAFFIC DIVISION
 SEWER DIVISION

CITY OF RIVERSIDE SEWER IMPROVEMENT PLANS TRACT NO. 33925
 HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

PW 16-014
 S-2138
 SHEET 2 OF 2