

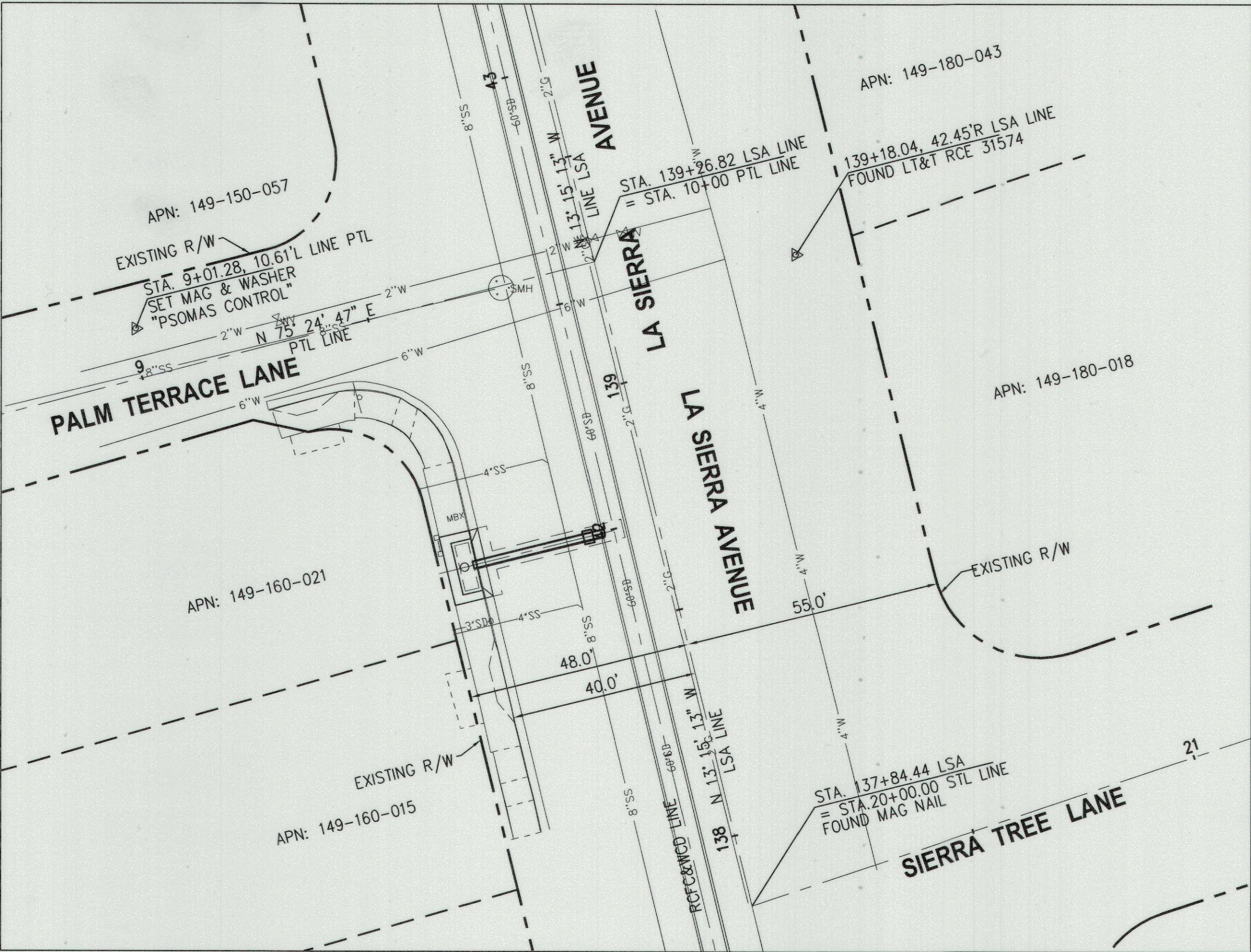
GENERAL NOTES:

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. WHERE NEW PAVEMENT IS TO JOIN EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
8. 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 USA.
9. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
10. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION
11. THE CONTRACTOR SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE AND PRIOR TO CURB AND GUTTER CONSTRUCTION. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
12. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
13. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.
14. IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAY 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), THE "STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION" (CURRENT EDITION), AND THE RIVERSIDE COUNTRY FLOOD CONTROL AND WATER CONSERVATION (RCFCD & WCD) STANDARDS.
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. NO PORTION OF ANY PAVEMENT SURFACE WITHIN THE DISABLED PARKING SPACES OR ACCESS AISLES SHALL EXCEED 2% GRADIENT IN ANY DIRECTION. NO PORTION OF THE PATH OF TRAVEL SHALL EXCEED 5% GRADIENT EXCEPT AT DESIGNATED RAMPS WHICH SHALL NOT EXCEED 8.33% GRADIENT. NO PORTION OF THE PATH OF TRAVEL SHALL EXCEED 2% CROSS-FALL GRADIENT. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION.
5. 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.
6. 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 SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
7. 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.

CITY OF RIVERSIDE
LA SIERRA CATCH BASIN & STORM DRAIN
WEST OF LA SIERRA AVENUE



SITE PLAN

BENCHMARK:

THE BENCHMARK FOR THIS SURVEY IS A CITY OF RIVERSIDE BENCHMARK "C2-M3" DESCRIBED AS A P.K. WASHER WITH STAMP MARKED "RIVERSIDE CITY ENGINEER".
ELEVATION: 782.178
DATUM: NAVD 88

BASIS OF BEARING:

THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 6, (2017.50) IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID COORDINATES ARE BASED LOCALLY UPON FIELD-OBSERVED TIES TO THE FOLLOWING CALIFORNIA SPATIAL REFERENCE NETWORK, OR EQUIVALENT STATIONS:

GNPP (EPOCH 2017.50)
LATITUDE = 33°51'27.47016300" , LONGITUDE = -117°36'32.06926000"
EWPP (EPOCH 2017.50)
LATITUDE = 34°06'15.10681600" , LONGITUDE = -117°31'32.06481200"
MLFP (EPOCH 2017.50)
LATITUDE = 33°55'06.24657700" , LONGITUDE = -117°19'04.60798800"

POINT A (EPOCH 2017.50)
NORTHING = 2286520.695 , EASTING = 6183590.977

ALL COORDINATES SHOWN, UNLESS OTHERWISE NOTED, ARE IN TERMS OF U.S. SURVEY FOOT.
DISTANCES SHOWN HEREON OR INVERSED FROM COORDINATES SHOWN HEREON ARE IN REFERENCE TO CCS83.
TO APPROXIMATE LOCAL GROUND DISTANCES, DIVIDE BY THE COMBINATION FACTOR PROVIDED HEREON.

SHEET INDEX

1	TITLE SHEET
2	PLAN & PROFILE LATERAL A

CONSTRUCTION NOTES

- ① CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO.405
- ② REMOVE EXISTING CURB AND GUTTER
- ③ REMOVE EXISTING SIDEWALK
- ④ CONSTRUCT 18" RCP LATERAL
- ⑤ TRENCH BACKFILL PER CITY OF RIVERSIDE STD. DWG. NO.453
- ⑥ JUNCTION STRUCTURE PER RCFC & WCD STD. DWG.JS229, CASE 1
- ⑦ CONCRETE COLLAR (PIPE 12" - 66") PER CITY OF RIVERSIDE STD. DWG. NO. 424
- ⑧ CONSTRUCT CONCRETE SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325

QTY.

- 1 EA
- 15 LF
- 90 SF
- 28.6 LF
- 143 SF
- 1 EA
- 1 EA
- 48 SF

LEGEND

- EXISTING LOT LINE
- EXISTING RIGHT OF WAY
- EXISTING CENTERLINE
- EXISTING SIDEWALK
- PROPOSED SIDEWALK
- EXISTING SEWER
- EXISTING WATER
- EXISTING GAS

ABBREVIATIONS

- CL CENTERLINE
- CO CLEAN OUT
- DWY DRIVEWAY
- EA EACH
- FL FLOW LINE ELEVATION
- INV INVERT
- LF LINEAR FOOT
- MH MANHOLE
- P/L PROPERTY LINE
- R/W RIGHT OF WAY
- SD STORM DRAIN
- SF SQUARE FOOT
- SS SANITARY SEWER
- S/W SIDEWALK
- RIM MANHOLE RIM ELEVATION
- TC TOF OF CURB
- TG TOF OF GRATE

REFERENCE PLANS:

- STORM DRAIN D-373
- STREET IMPROVEMENT R-3026
- STREET IMPROVEMENT R-1020
- STREET IMPROVEMENT R-1505
- STREET IMPROVEMENT R-1948

DECLARATION OF ENGINEER OF RECORD:

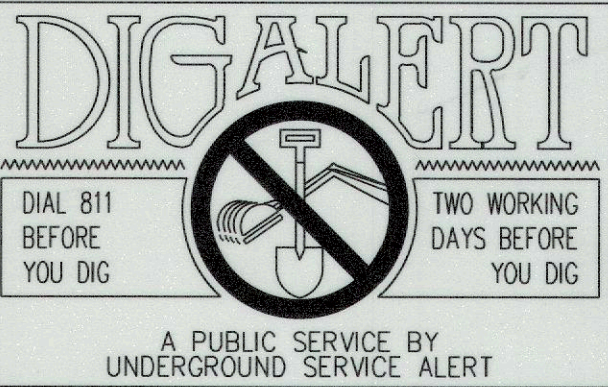
I HEREBY DECLARE THAT IN MY PROFESSIONAL OPINION, THE DESIGN OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS COMPLIES WITH THE CURRENT PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER IN RESPONSIBLE CHARGE IS DEFINED IN 6708 OF BUSINESS & PROFESSIONS CODE. OF THE DESIGN OF THESE IMPROVEMENTS, I ACCEPT FULL RESPONSIBILITY FOR SUCH DESIGN. I UNDERSTAND AND ACKNOWLEDGE THAT THE PLAN CHECK OF THESE PLANS BY THE CITY OF RIVERSIDE IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THAT THESE PLANS COMPLY WITH CITY PROCEDURES AND OTHER APPLICABLE CODES AND ORDINANCES. THE PLAN REVIEW PROCESS IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS. SUCH A PLAN CHECK DOES NOT THEREFORE RELIEVE ME OF MY DESIGN RESPONSIBILITY.

AS THE ENGINEER OF RECORD, I AGREE TO DEFEND AND INDEMNIFY THE CITY OF RIVERSIDE, ITS OFFICERS, ITS AGENTS, AND ITS EMPLOYEES FROM ANY AND ALL LIABILITY, CLAIMS, DAMAGES, OR INJURIES TO ANY PERSON OR PROPERTY ARISING FROM NEGLIGENT ACTS, ERRORS OR OMISSIONS OF THE ENGINEER OF RECORD, HIS EMPLOYEES, HIS AGENTS OR HIS CONSULTANTS.

SIGNATURE: David I. Brothie DATE: 4/04/2023
DAVID I. BROTHIE

LICENSE NO.: 62005 EXP.: 9/30/2023

AS-BUILT 8/29/23 EJ



CITY OF RIVERSIDE

APPROVED BY: [Signature]
DATE: 4/6/2023

PSOMAS

1650 SPRUCE STREET, SUITE 400
RIVERSIDE, CA 92507
951.300.2818 www.psomas.com

ENGINEER IN RESPONSIBLE CHARGE

DAVID I. BROTHIE
R.C.E. No. 62005
DATE: 4/04/2023



MARK: _____ REVISIONS: _____ APPR: _____ DATE: _____
DESIGNED BY: NT DRAWN BY: NT CHECKED BY: DIB

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: _____ BY: _____ DATE: _____
ENGINEERING MANAGER: FM 6/5/23
CONSTRUCTION ADMIN: PC 6/11/23
TRAFFIC DIVISION: _____
STREETS DIVISION: _____
SURVEYOR: CS 4/6/23

DATE: 4-6-2023

STREET IMPROVEMENTS

TITLE SHEET

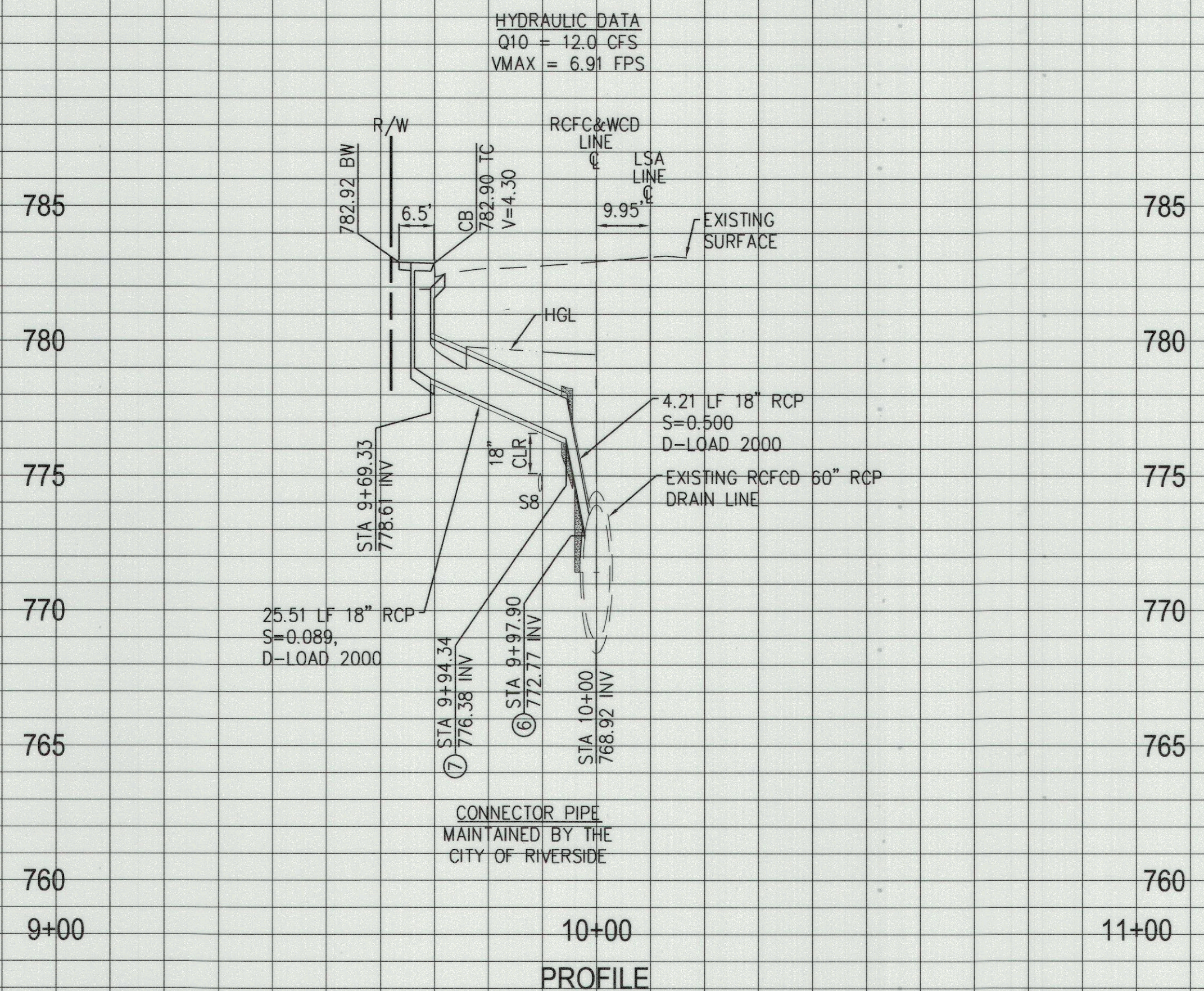
D-928

SHEET 1 OF 2

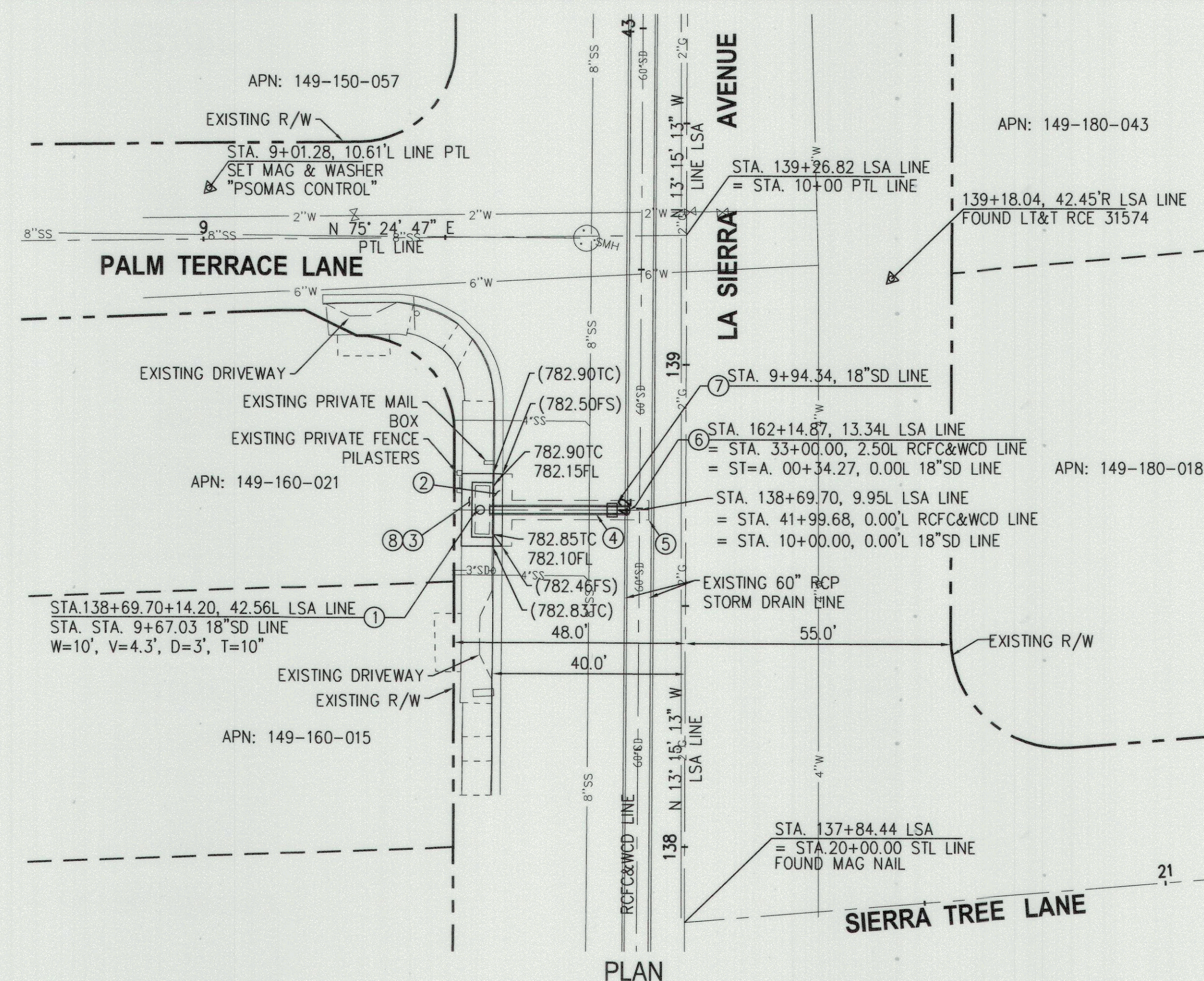
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HORIZ. SCALE: 1"=20'

VERT. SCALE:

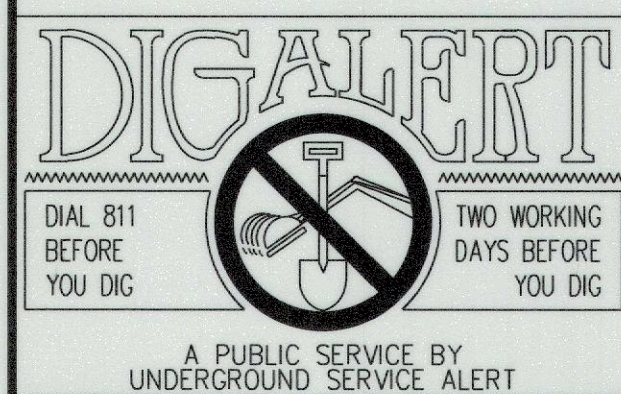
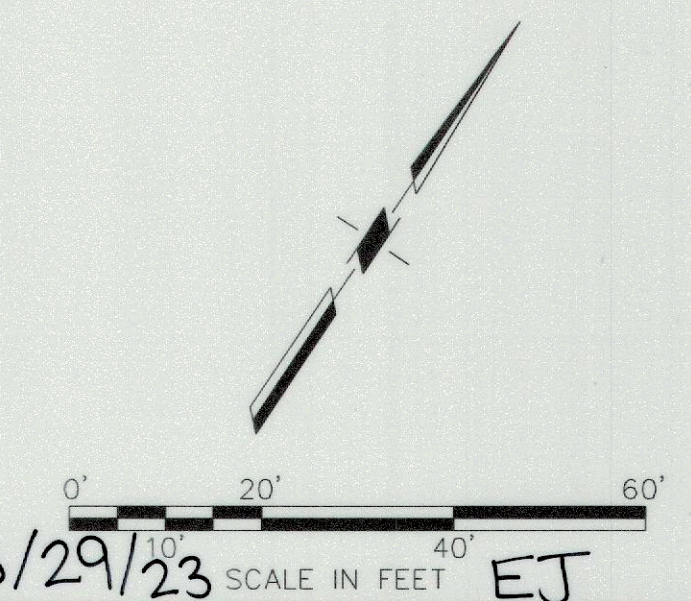


PROFILE SCALE
HORIZ: 1" = 20'
VERT: 1" = 4'



CONSTRUCTION NOTES

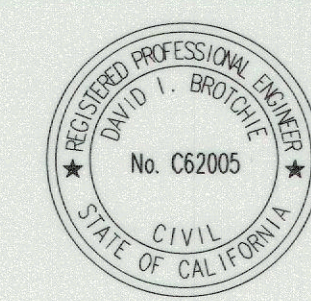
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CITY OF RIVERSIDE
APPROVED BY: *[Signature]*
DATE: 4/6/2023

PSOMAS
1650 SPRUCE STREET, SUITE 400
RIVERSIDE, CA 92507
951.300.2818 www.psomas.com

ENGINEER IN RESPONSIBLE CHARGE
[Signature]
DAVID I. BROTCHE
R.C.E. No. 62005
DATE: 4/04/2023



MARK	REVISIONS	APPR.	DATE
DESIGNED BY: NT	DRAWN BY: NT	CHECKED BY: DIB	

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	FM	6/8/23	<i>[Signature]</i>
CONSTRUCTION ADMIN	DC	6/7/23	CITY ENGINEER
STREETS DIVISION			
SURVEYOR	CS	4/6/23	DATE: 6-6-2023

STORM DRAIN IMPROVEMENTS
PLAN + PROFILE LATERAL A
HORIZ. SCALE: 1"=20' | VERT. SCALE: 1"=4'

D-928
SHEET 2 OF 2
FILE NAME: