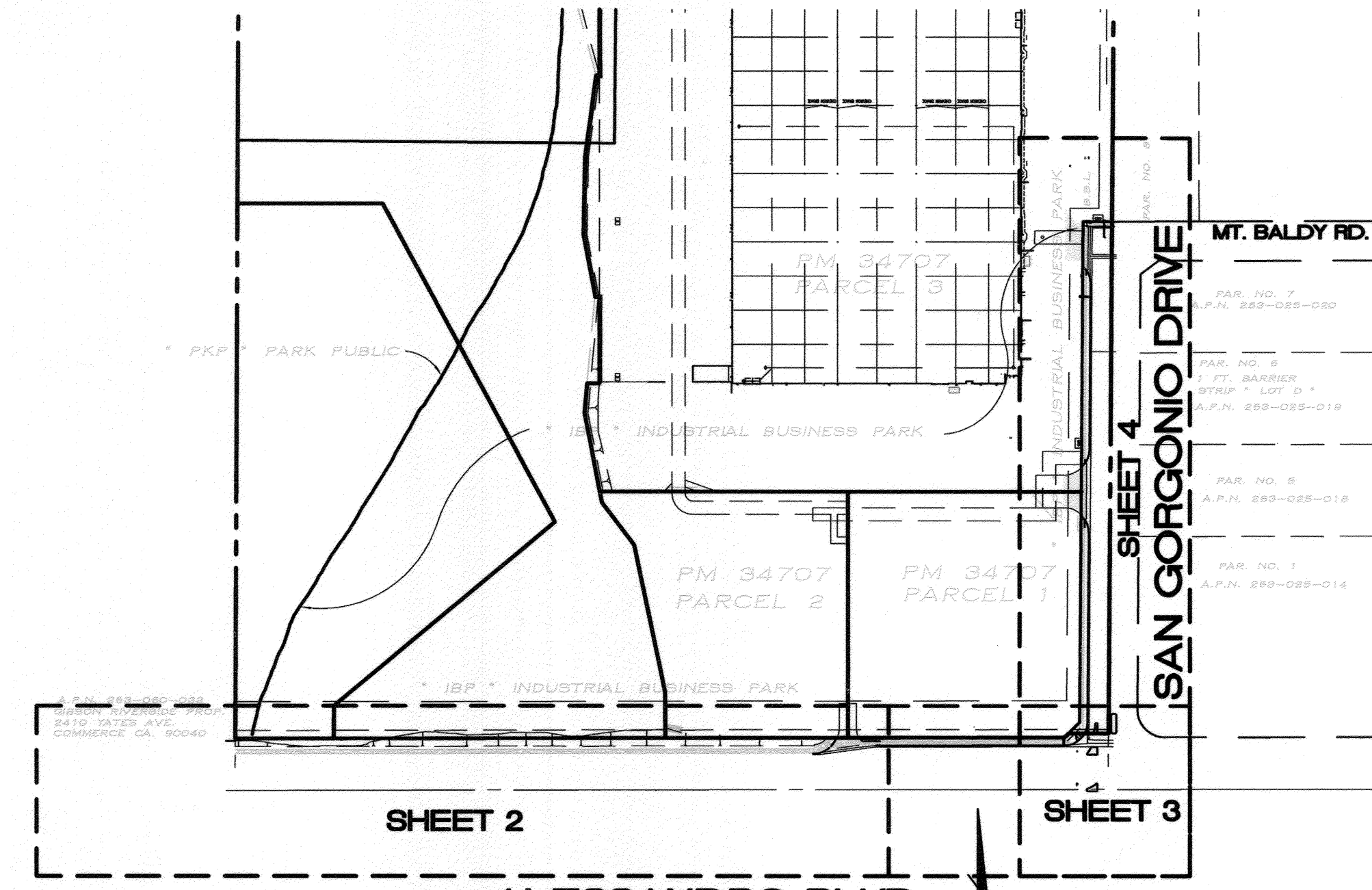
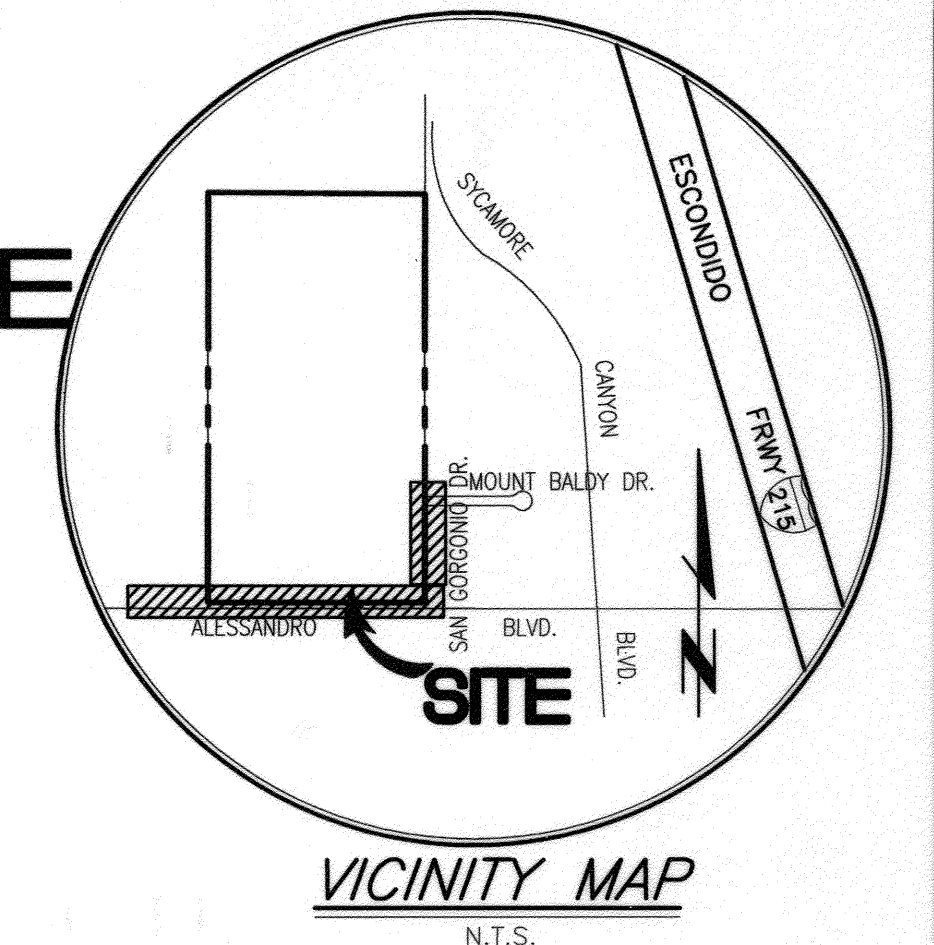


STREET IMPROVEMENT PLANS

FOR

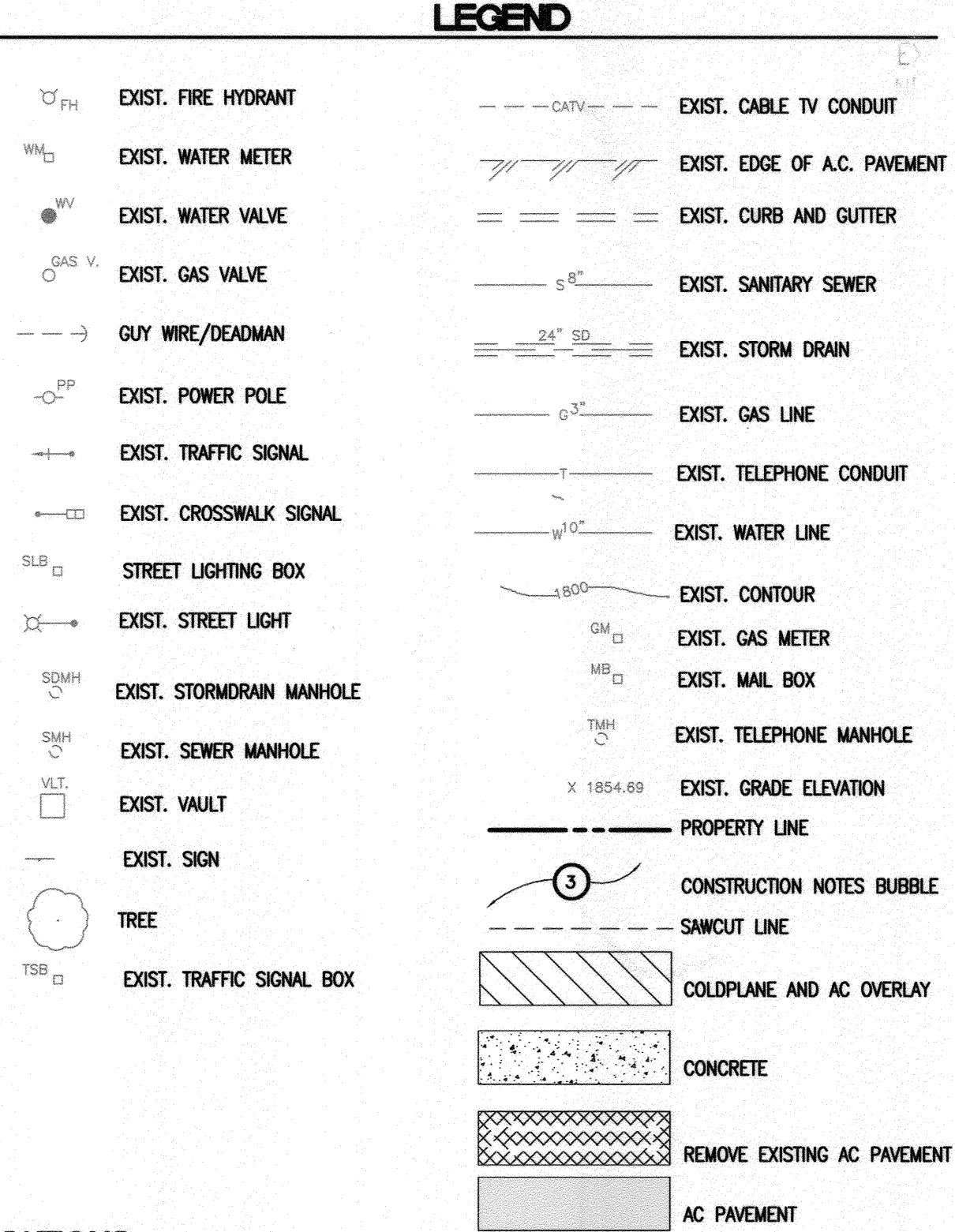
ALESSANDRO BLVD AND SAN GORGONIO DRIVE

PM 34707



GENERAL NOTES:

- 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.
- 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.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 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.
- SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
- THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE STREET DIVISION (351-6103) TO PICK UP ANY EXISTING STD. 180 BARRICADES THAT ARE BEING REMOVED. THE CITY'S INSPECTOR WILL MAKE THE FINAL DETERMINATION ON WHETHER A BARRICADE CAN BE RELOCATED.
- 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.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-277-2800, 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.
- 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.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.
- SEE TRAFFIC SIGNAL PLAN #X-499B FOR SIGNAL IMPROVEMENTS.
- STREET OPENING PERMIT FOR CONSTRUCTION AND/OR MODIFICATION OF TRAFFIC SIGNAL FACILITIES IS REQUIRED.
- THE DEVELOPER AND/OR CONTRACTOR SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREET 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.
- 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 SUB GRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.



ABBREVIATIONS:

- | | |
|-----------|-----------------------|
| AB | AGGREGATE BASE |
| AC | ASPHALT CONCRETE |
| BCR | BEGIN CURB RETURN |
| BLVD. | BOULEVARD |
| BVC | BEGIN VERTICAL CURVE |
| CF | CURB FACE |
| C/L | CENTER LINE |
| CONC. | CONCRETE |
| CMP | CORRUGATED METAL PIPE |
| CSP | CORRUGATED STEEL PIPE |
| DWG. | DRAWING |
| DR. | DRIVEWAY |
| DR. | DRIVE |
| EX/EXIST. | EXISTING |
| EGR | END CURB RETURN |
| EVC | END VERTICAL CURVE |
| ELEV. | ELEVATION |
| E.P. | EDGE OF PAVEMENT |
| FL | FLOW LINE |
| FS | FINISHED SURFACE |
| GAL | GALLON |
| GB | GRADE BREAK |
| MIN. | MINIMUM |
| MAX. | MAXIMUM |
| MH | MANHOLE |
| NO. | NUMBER |
| NTS | NOT TO SCALE |
| LF | LENGTH FOOT |
| O.C. | ON CENTER |
| PI | POINT OF INTERSECTION |
| PROP | PROPOSED |
| P/L | PROPERTY LINE |
| PP | POWER POLE |
| R | RADIUS |
| R= | RATE OF GRADE |
| R/W | RIGHT OF WAY |
| SHT. | SHEET |
| STA. | STATION |
| STD. | STANDARD |
| ST. I. | STREET LIGHT |
| TEL | TELEPHONE |
| TC | TOP OF CURB |
| TB | TOP OF BERM |
| TI | TRAFFIC INDEX |
| TYP. | TYPICAL |
| VC | VERTICAL CURVE |
| V | VERTICAL DEPTH |
| VERT. | VERTICAL |
| W | WIDTH |
| 12"W | SIZE-WATER |

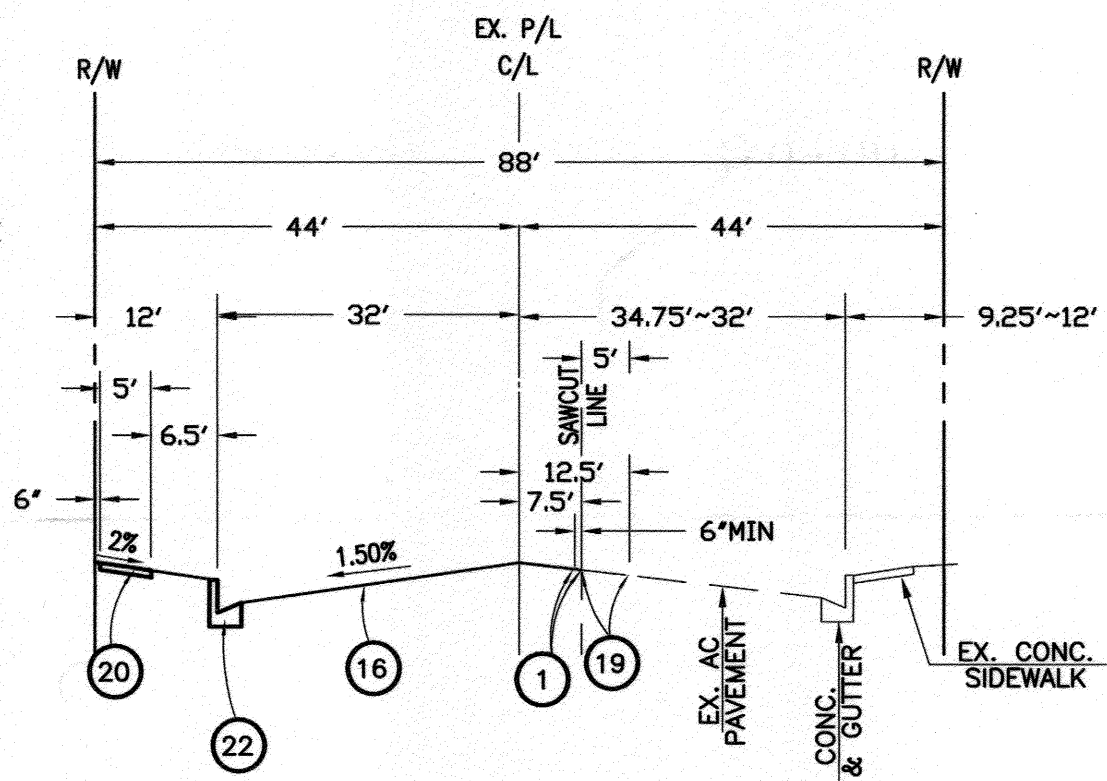
STREET LIGHTS NOTES:

CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF STREET LIGHTS AND UNDERGROUND ELECTRIC FACILITIES.

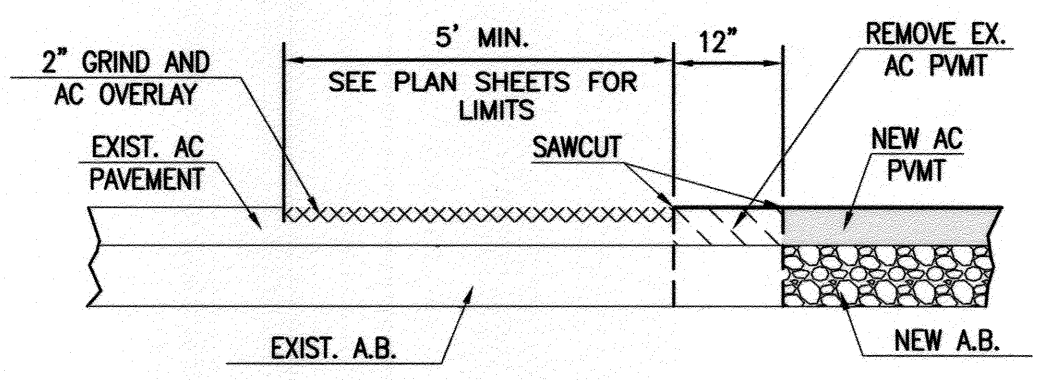
CONTACT RIVERSIDE PUBLIC UTILITIES ELECTRIC DIVISION 90 DAYS IN ADVANCE OF CONSTRUCTION TO OBTAIN APPROVED STREET LIGHT AND ELECTRIC PLANS

CONTACT: JULIAN GARDENAS
PHONE NO. 951-926-5937
3990 MAIN STREET-4TH FLOOR
RIVERSIDE, CA 92522

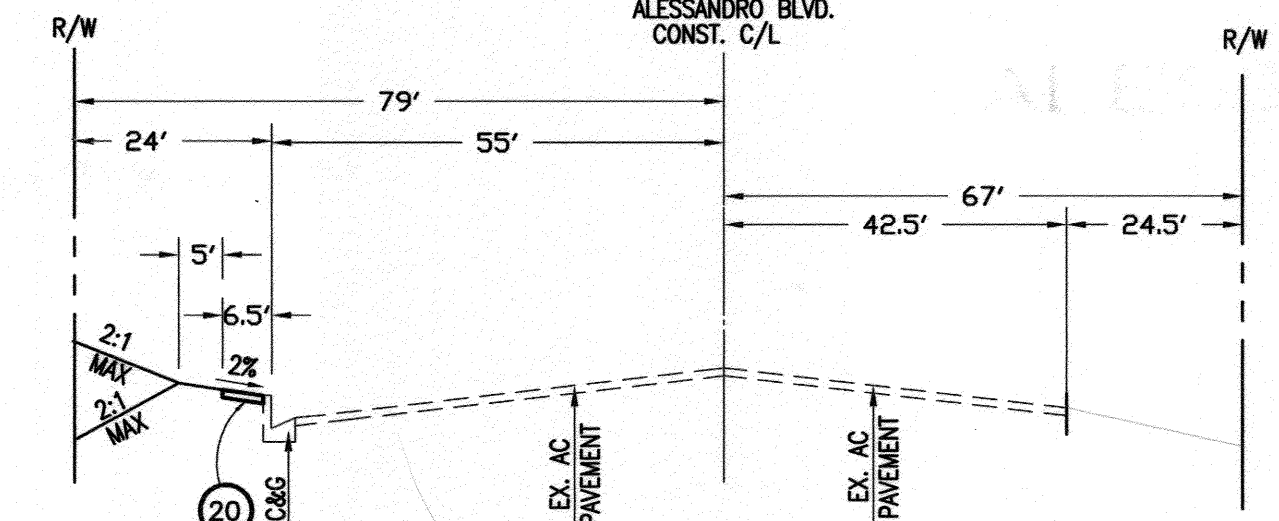
Summer Delgado
951-924-2124
3150 UNIVERSITY AVE 5TH FLOOR
RIVERSIDE, CA 92501



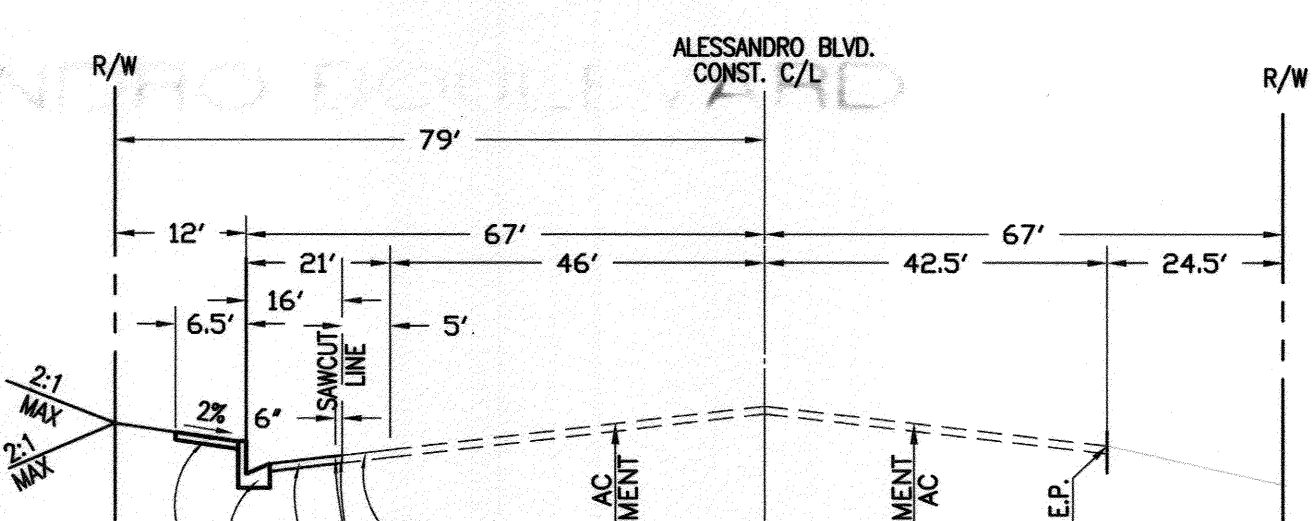
TYP. STREET SECTION
SAN GORGONIO DR.
T.I. = 8.0



COLDPLANE AND OVERLAY
N.T.S.



STA. 368+04.89 TO STA. 376+85.48
TYP. STREET SECTION
ALESSANDRO BLVD.- WEST SIDE OF D/W
T.I. = 10.5



STA. 377+81.52 TO STA. 380+68.90
TYP. STREET SECTION
ALESSANDRO BLVD.- EAST SIDE OF D/W
T.I. = 10.5

CONSTRUCTION NOTES:

- | QTY. | |
|------|--|
| 1 | SAWCUT AND REMOVE EXISTING AC PAVEMENT. 6,377 SF |
| 2 | REMOVE EXISTING TREE. 4 EA |
| 3 | REMOVE EXISTING SIGN. 4 EA |
| 4 | ADJUST TO GRADE EXISTING TELEPHONE CABLE MARKER. 1 EA |
| 5 | PROTECT IN PLACE EXISTING DEAD MAN. 2 EA |
| 6 | SAW-CUT EXISTING PAVEMENT 1407 LF |
| 7 | ADJUST TO GRADE EXISTING SEWER MANHOLE. 4 EA |
| 8 | EXTEND EXISTING CMP (SIZE PER PLAN). 35 LF |
| 9 | CLEAN AND CLEAR INSIDE OF EXISTING STORM DRAIN. 402 LF |
| 10 | EXTEND EXISTING TELEPHONE CONDUITS TO PROPOSED R/W AND CAP. 42 LF |
| 11 | EXTEND EXISTING ELECTRIC LINE TO PROPOSED R/W AND CAP. 42 LF |
| 12 | REMOVE/RELOCATE TRAFFIC PULL BOX AND LOOPS PER TRAFFIC PLANS. 1 EA |
| 13 | REMOVE AND RELOCATE EXISTING UTILITY VAULT AND OTHER APPURTENANCES. 2 EA |
| 14 | REMOVE EXISTING CURB AND GUTTER. 444 LF |
| 15 | REMOVE EXISTING GUARD RAIL. 154 LF |
| 16 | CONSTRUCT AC OVER AB TI=8.0 (SAN GORGONIO DR.) 33,276 SF |
| 17 | CONSTRUCT AC OVER AB TI=10.5 (ALESSANDRO BLVD) 5,610 SF |
| 18 | CONSTRUCT RAMP PER CITY OF RIVERSIDE STD. NO. 304 TYPE I. 2 EA |
| 19 | COLDPLANE AND CONSTRUCT AC OVERLAY PER DETAIL ON SHEET 1. 5,132 SF |
| 20 | CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD. NO. 325. 10,758 SF |
| 21 | CONSTRUCT DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. NO. 302 & 303. 2 EA |
| 22 | CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD. NO. 200 (TYPE I). 1,000 LF |
| 23 | CONSTRUCT 0"CF TO 6"CF. N/A |
| 24 | INSTALL LANDSCAPING PER LANDSCAPE PLANS. 21,780.0 LF |
| 25 | CONSTRUCT RAMP PER CITY OF RIVERSIDE STD. NO. 304 TYPE III. 5 LF |
| 26 | CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220. 1,014 SF |
| 27 | CONSTRUCT MODIFIED DRIVEWAY APPROACH PER DETAIL ON SHEET 1. 1 EA |
| 28 | PROTECT IN PLACE EXISTING TRAFFIC SIGNAL. 1 EA |
| 29 | ADJUST TO GRADE EXISTING TRAFFIC SIGNAL PULL BOX. 1 EA |
| 30 | JOIN EXISTING CMP STORM DRAIN. 2 EA |
| 31 | ADJUST TO GRADE EXISTING GAS MARKER. 3 EA |
| 32 | INSTALL TRAFFIC SIGNAL LOOPS PER TRAFFIC SIGNAL PLANS. 1 EA |
| 33 | CONSTRUCT PARKWAY DRAIN PER CITY STD. DWG. NO. 410. (S=12") 1 EA |
| 34 | INSTALL 24" BOX STREET TREE PER CITY SPECIFICATION. 59 EA |
| 35 | ADJUST TO GRADE EXISTING WATER VALVE. 4 EA |
| 36 | SAWCUT AND REMOVE EXISTING MEDIAN. 30 LF |
| 37 | CONSTRUCT 8" CURB (TYPE II) PER CITY STD DWG. NO. 200. 167 LF |
| 38 | CONSTRUCT STAMPED CONCRETE, PATTERN AND COLOR PER FIN SPECIFICATIONS, 303-6.3 |

INDEX SHEET

1	TITLE SHEET
2-3	STREET IMPROVEMENT PLAN (ALESSANDRO BLVD.)
4	STREET IMPROVEMENT PLAN (SAN GORGONIO DRIVE)

REVIEWED BY:
WESTERN MUNICIPAL WATER DISTRICT
FOR NON-INTERFERENCE COMPLIANCE
SHEET 1 THROUGH 4

Derek Kawai 04-10-2013
DEREK KAWAI DATE
INTERIM DIRECTOR OF ENGINEERING

CITY OF RIVERSIDE ELECTRICAL DEPARTMENT
Epin Major 4/17/13
APPROVED DATE

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 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.

PREPARED UNDER THE DIRECTION OF:
Haidook Aghaian 4/8/13
HAIDOOK I. AGHAIAN DATE
R.C.E. 043293 - EXP. 3/31/14

BUSINESS TAX CERTIFICATION # 041318 EXP. DATE 09-23-13

Thienes Engineering, Inc.
CIVIL ENGINEERING • LAND SURVEYING
14349 FIRESTONE BOULEVARD
LA MIRADA, CALIFORNIA 90638
PH: (714) 521-8111 FAX: (714) 521-4173

CITY OF RIVERSIDE, BENCH MARK FB-83:
A P.K. NAIL AND CITY ENGINEER TAG IN THE CONCRETE BASE OF THE STREET LIGHT POLE ALONG THE NORTHERLY CURB OF ALESSANDRO BLVD., 125 FEET EASTERLY OF BARTON ROAD.
ELEVATION = 1622.303' (NGVD '29) (1970 ADJ.)

1" = 40'

MARK	REVISIONS	APPR.	DATE

DESIGNED BY AC DRAWN BY AC CHECKED BY HIA

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *Tom Bell*
ENGINEERING MANAGER
TRAFFIC DIVISION
CAPITAL PROJECTS
PW TREES & LANDSCAPE

APPROVED BY: *Tom Bell*
CITY ENGINEER/PW DIRECTOR
DATE 5/16/2013

STREET IMPROVEMENT PLAN PROJ. NO. PW12-0344

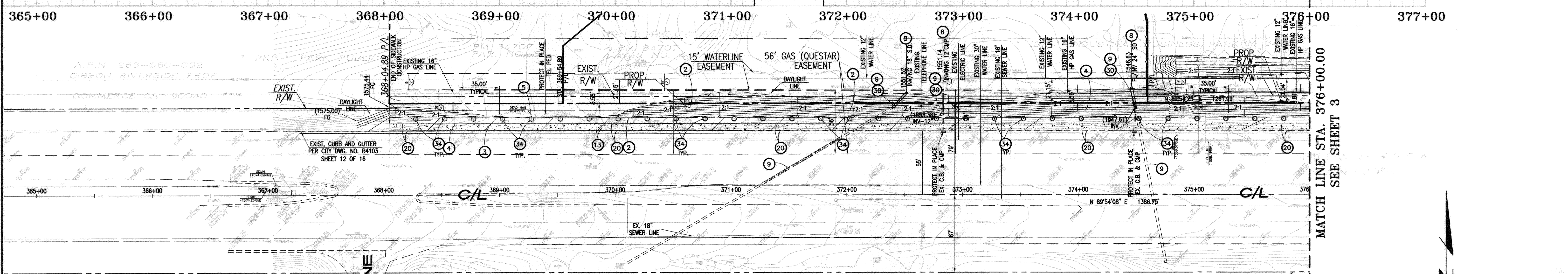
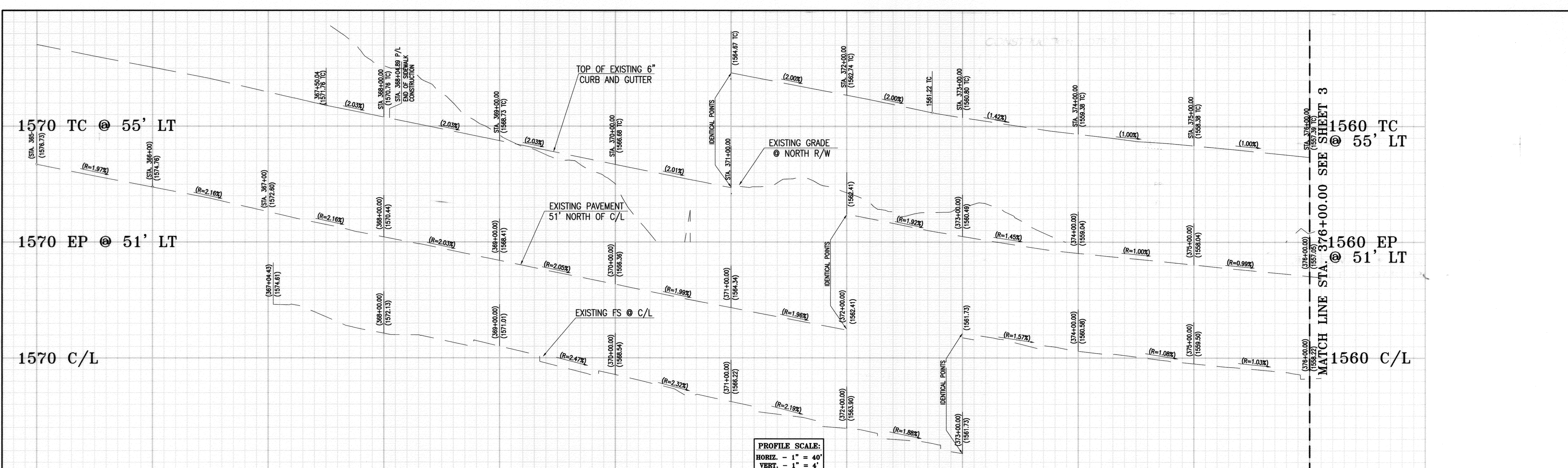
TITLE SHEET R- 4042

PM 34707

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

SHEET 1 OF 4

Indexed 9/12/13

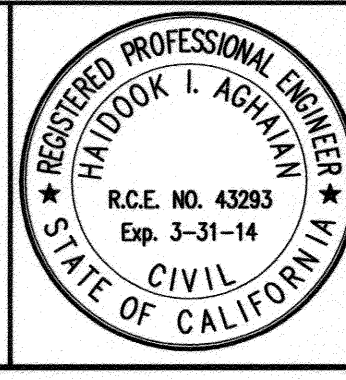


ALESSANDRO BOULEVARD

CONSTRUCTION NOTES

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- 2 - REMOVE EXISTING TREE.
- 3 - REMOVE EXISTING SIGN.
- 4 - ADJUST TO GRADE EXISTING TELEPHONE CABLE MARKER.
- 5 - PROTECT IN PLACE EXISTING DEAD MAN.
- 6 - SAW-CUT EXISTING PAVEMENT
- 7 - ADJUST TO GRADE EXISTING SEWER MANHOLE.
- 8 - EXTEND EXISTING CMP (SIZE PER PLAN).
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- 15 - REMOVE EXISTING GUARD RAIL
- 16 - CONSTRUCT AC OVER AB TI=8.0 (SAN GORGONIO DR.) R VALUE=, SOILS REPORT NO. 12494-06
- 17 - CONSTRUCT AC OVER AB TI=10.5 (ALESSANDRO BLVD) R VALUE=, SOILS REPORT NO. 12494-06
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- 21 - CONSTRUCT DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. NO. 302 & 303.
- 22 - CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD. NO 200 (TYPE I).
- 23 - CONSTRUCT 0"CF TO 6"CF.
- 24 - INSTALL LANDSCAPING PER LANDSCAPE PLANS.
- 25 - CONSTRUCT RAMP PER CITY OF RIVERSIDE STD. NO. 304 TYPE III.
- 26 - CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220.
- 27 - CONSTRUCT MODIFIED DRIVEWAY APPROACH PER DETAIL ON SHEET 1.
- 28 - PROTECT IN PLACE EXISTING TRAFFIC SIGNAL.
- 29 - ADJUST TO GRADE EXISTING TRAFFIC SIGNAL PULL BOX.
- 30 - JOIN EXISTING CMP STORM DRAIN.
- 31 - ADJUST TO GRADE EXISTING GAS MARKER.
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- 36 - SAWCUT AND REMOVE EXISTING MEDIAN.
- 37 - CONSTRUCT 8" CURB (TYPE II) PER CITY STD DWG. NO. 200.

CITY OF RIVERSIDE - ELECTRICAL DEPARTMENT
Open Mejo 4/12/13
 APPROVED DATE



PREPARED UNDER THE DIRECTION OF:
Haidook I. Aghaian 4/12/13
 Haidook I. AGHAIAN DATE
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MARK	REVISIONS	APPR.	DATE

DESIGNED BY AC DRAWN BY AC CHECKED BY HIA

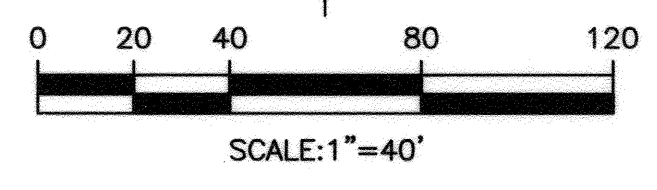
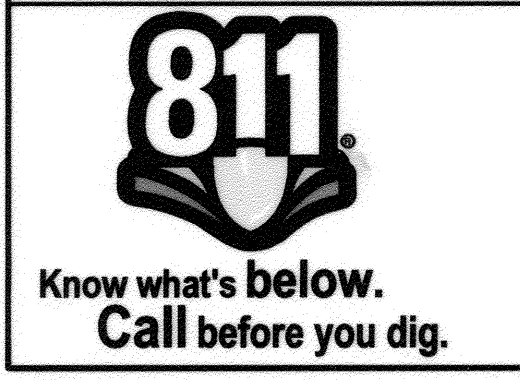
CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *[Signature]* DATE: 5/16/2013
 CITY ENGINEER/PW DIRECTOR

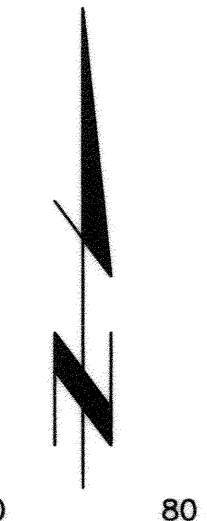
STREET IMPROVEMENT PLAN PROJ. NO. PW12-0344
ALESSANDRO BLVD. R- 4042
PM 34707

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

SHEET **2** OF **4**



PAVEMENT LEGEND:
 CONCRETE



MATCH LINE STA. 376+00.00 SEE SHEET 3

MATCH LINE STA. 376+00.00 SEE SHEET 3

1560 TC @ 55' LT

1560 EP @ 51' LT

1560 C/L

1570 TC @ 55' LT

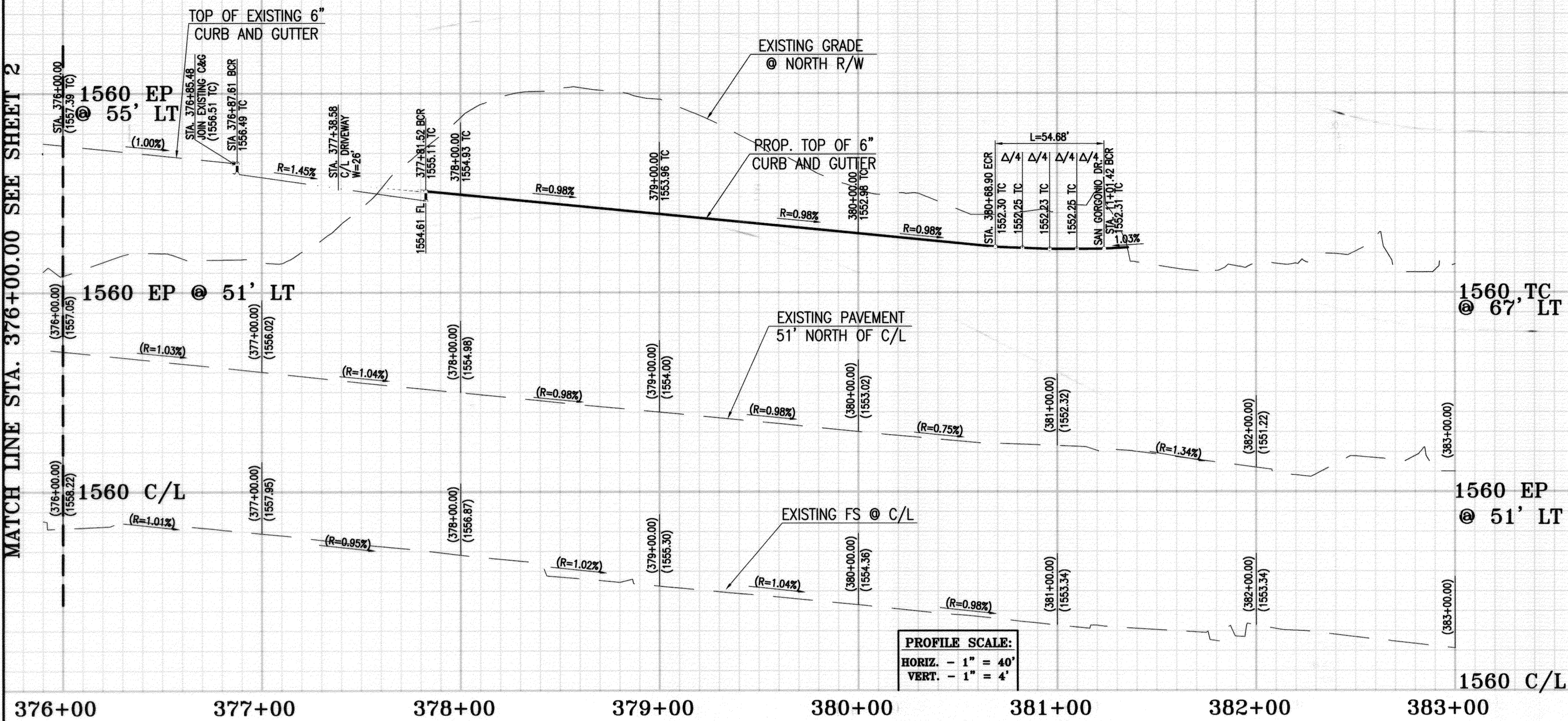
1570 EP @ 51' LT

1570 C/L

365+00 366+00 367+00 368+00 369+00 370+00 371+00 372+00 373+00 374+00 375+00 376+00 377+00

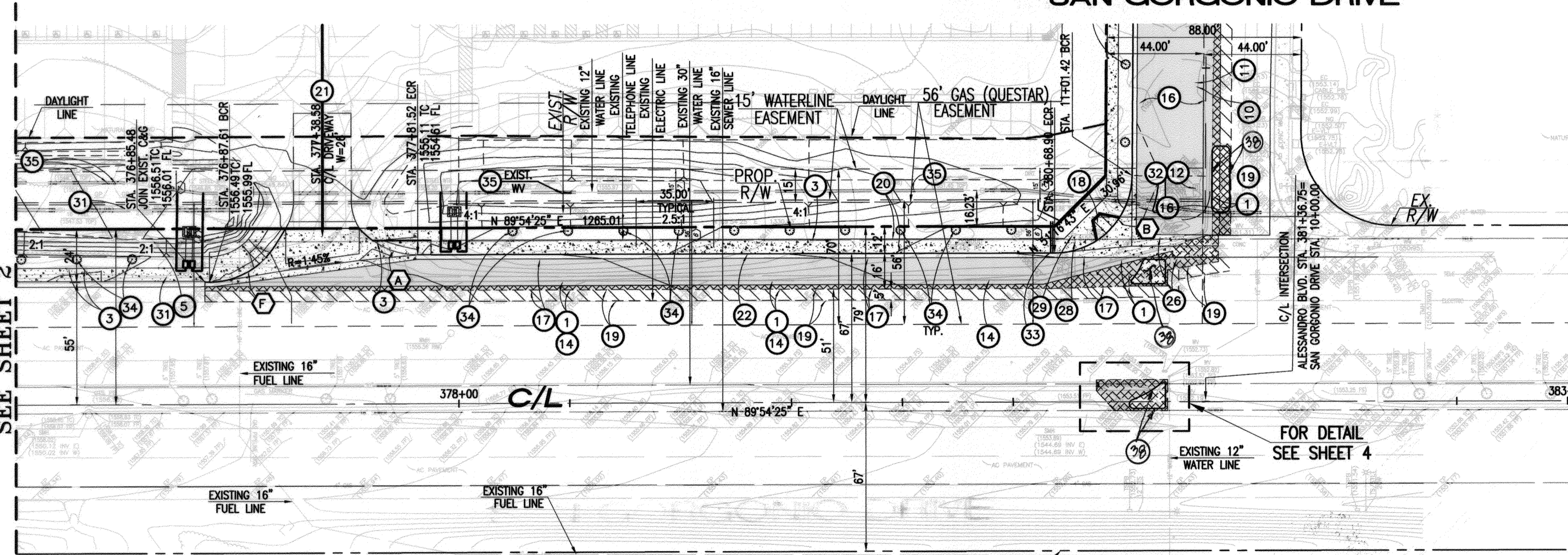
MATCH LINE STA. 376+00.00 SEE SHEET 2

MATCH LINE STA. 376+00.00 SEE SHEET 2



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

SAN GORGONIO DRIVE

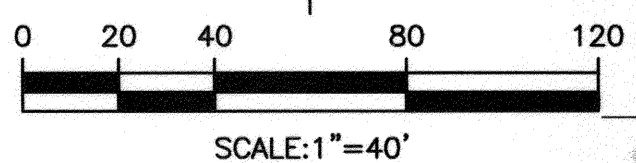


ALESSANDRO BOULEVARD

CURVE DATA				
Δ	DELTA	RADIUS	TANGENT	LENGHT
A	35°29'00"	35.00'	11.20'	27.43'
B	89°30'21"	35.00'	34.70'	54.68'
C	58°03'58"	35.00'	19.43'	35.47'

PAVEMENT LEGEND:

	COLDPLANE AND AC OVERLAY
	CONCRETE
	REMOVE EXISTING AC PAVEMENT
	AC PAVEMENT

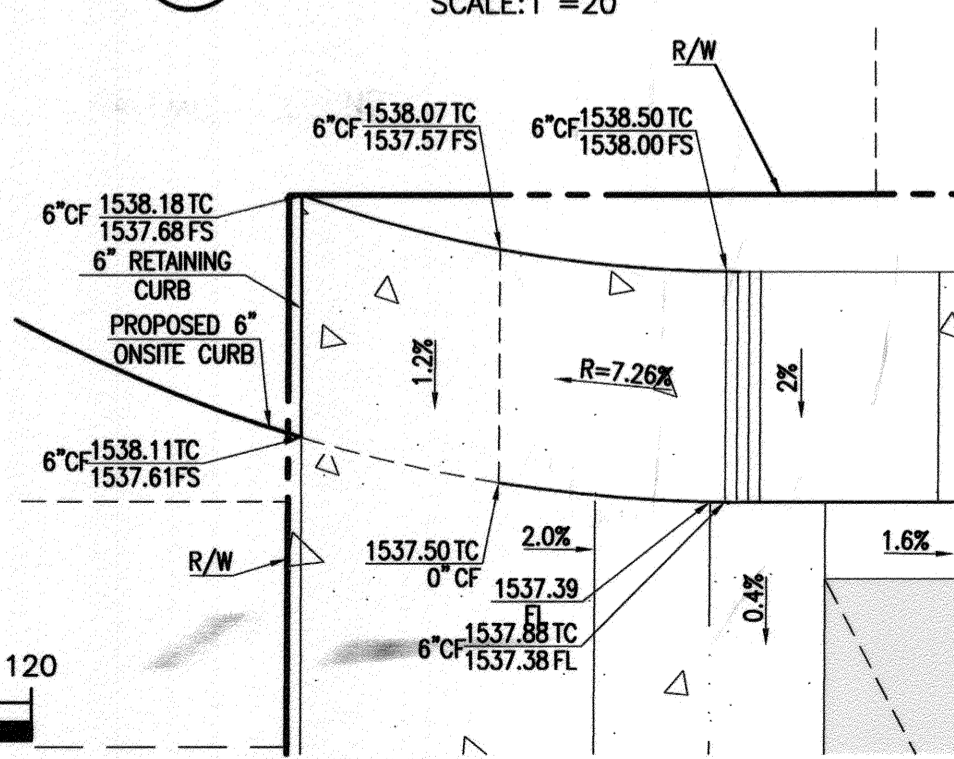


CONSTRUCTION NOTES

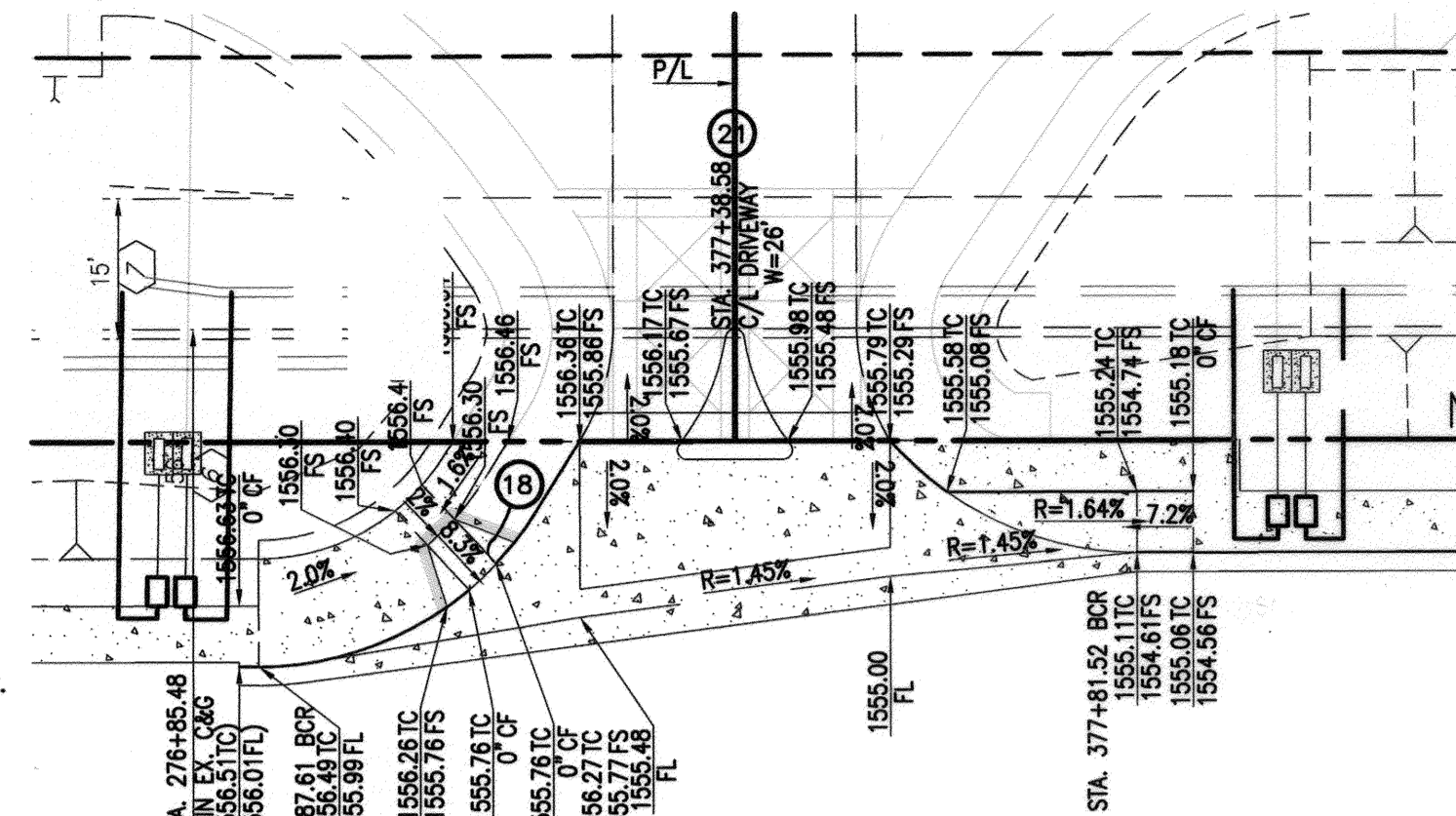
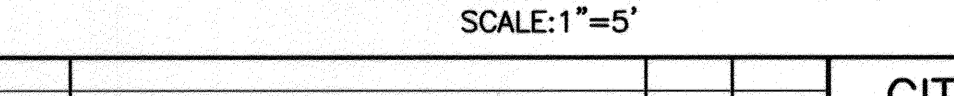
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- 35 ADJUST TO GRADE EXISTING WATER VALVE.
- 36 SAWCUT AND REMOVE EXISTING MEDIAN.
- 37 CONSTRUCT 8" CURB (TYPE II) PER CITY STD DWG. NO. 200.

28 CONSTRUCT STAMPED CONCRETE, PATTERN AND COLOR PER P.W. SPECIFICATION 9, 303-G-3

18 ADA RAMP DETAIL

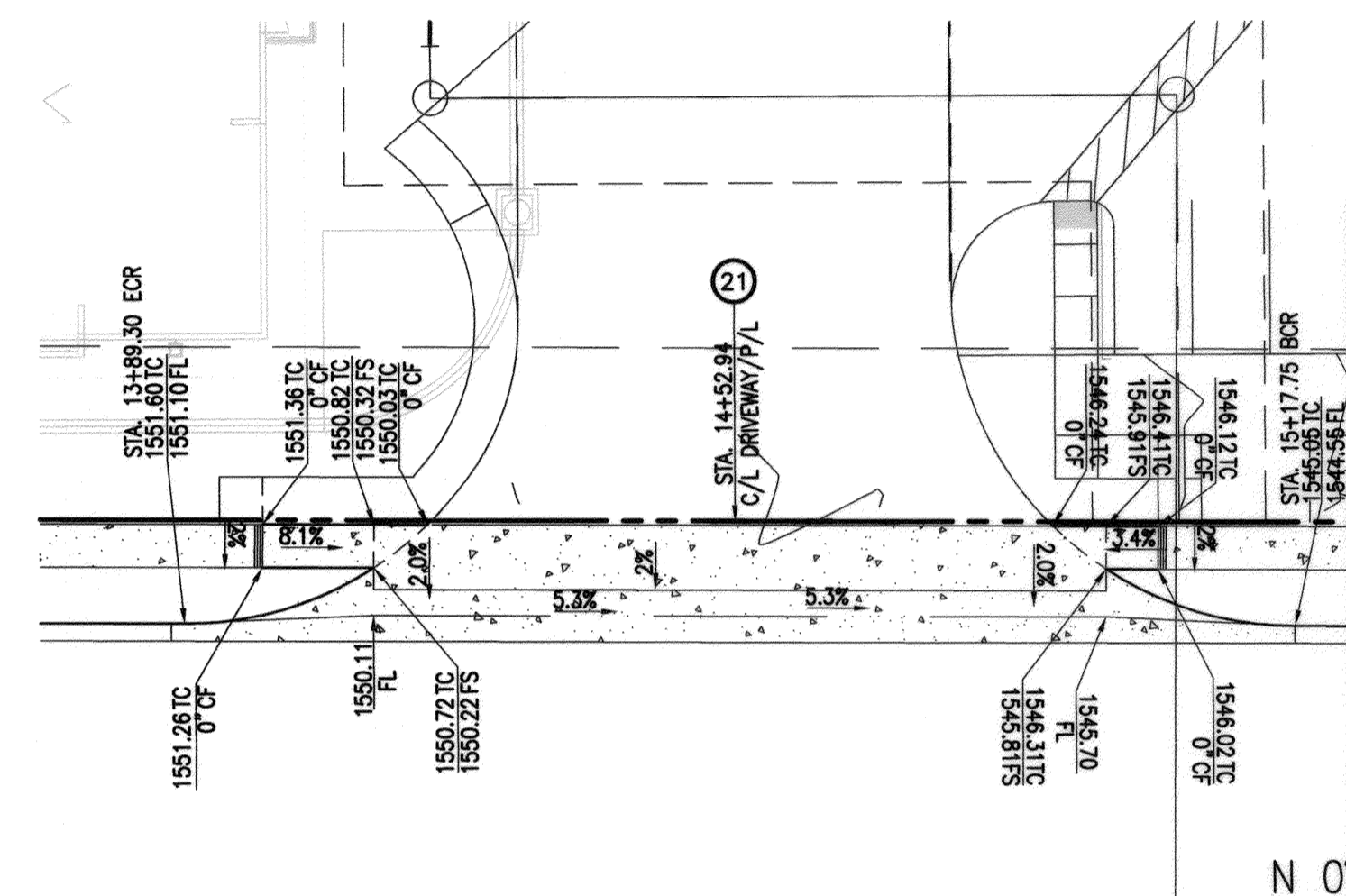


CURB RAMP DETAIL



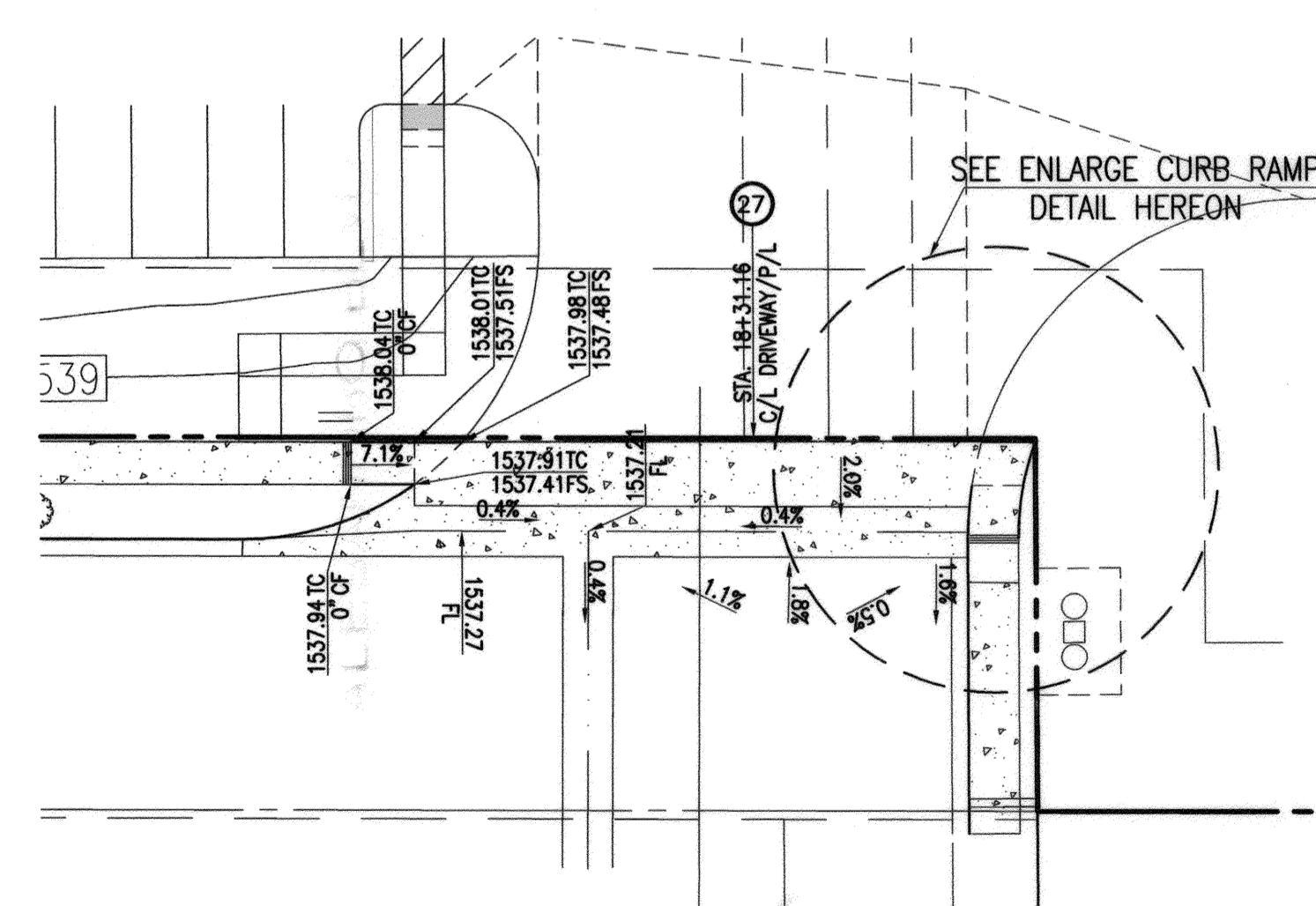
21 DRIVEWAY • STA. 377+38.58 (ALESSANDRO BLVD.)

SCALE: 1"=20'



21 DRIVEWAY • STA. 14+52.92 (SAN GORGONIO DR.)

SCALE: 1"=20'

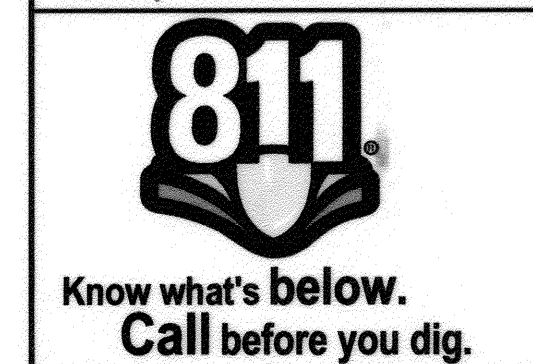


27 DRIVEWAY • STA. 18+31.16 (SAN GORGONIO DR.)

SCALE: 1"=20'

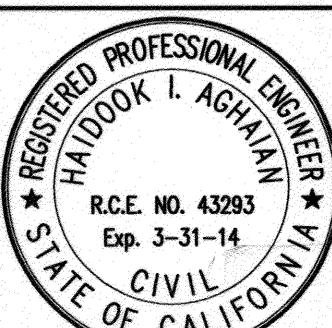
CITY OF RIVERSIDE - ELECTRICAL DEPARTMENT
 APPROVED: *Shm Mejia* 4/17/13
 DATE

BUSINESS TAX CERTIFICATION # 041318 EXP. DATE 09-23-13



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 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.



PREPARED UNDER THE DIRECTION OF:
 Haidook I. Aghayan 4/19/13
 HAI DOOK I. AGHAJAN
 R.C.E. 043293 - EXP. 3/31/14



CITY OF RIVERSIDE, BENCH MARK FB-H3:
 A P.K. NAIL AND CITY ENGINEER TAG IN THE CONCRETE BASE OF THE STREET LIGHT POLE ALONG THE NORTHERLY CURB OF ALESSANDRO BLVD., 125 FEET EASTERLY OF BARTON ROAD.
 ELEVATION = 1622.303' (NGVD '29) (1970 ADJ.)

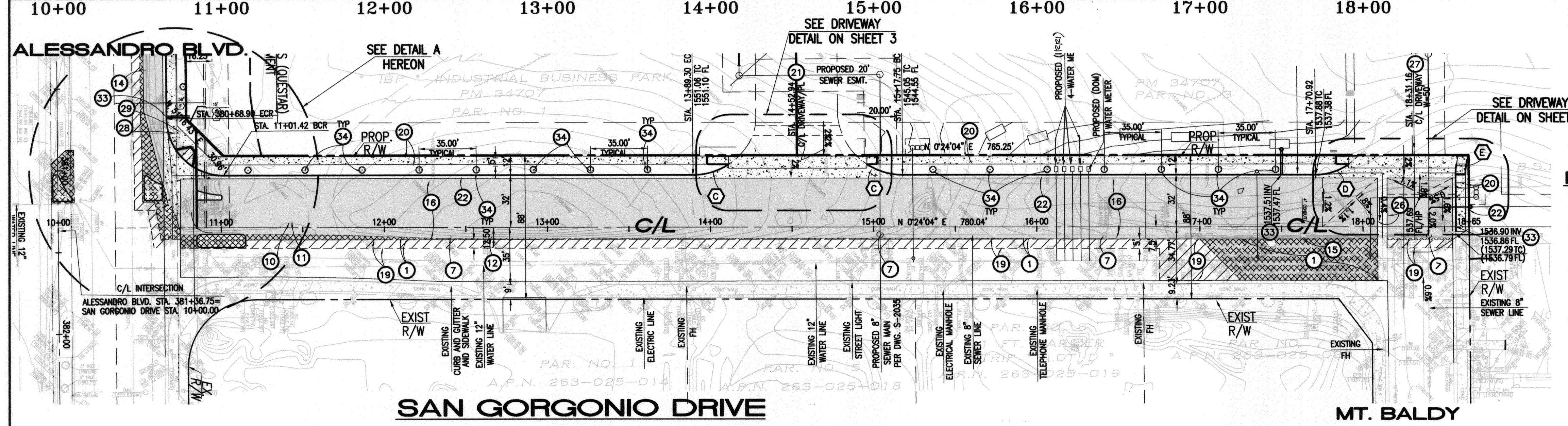
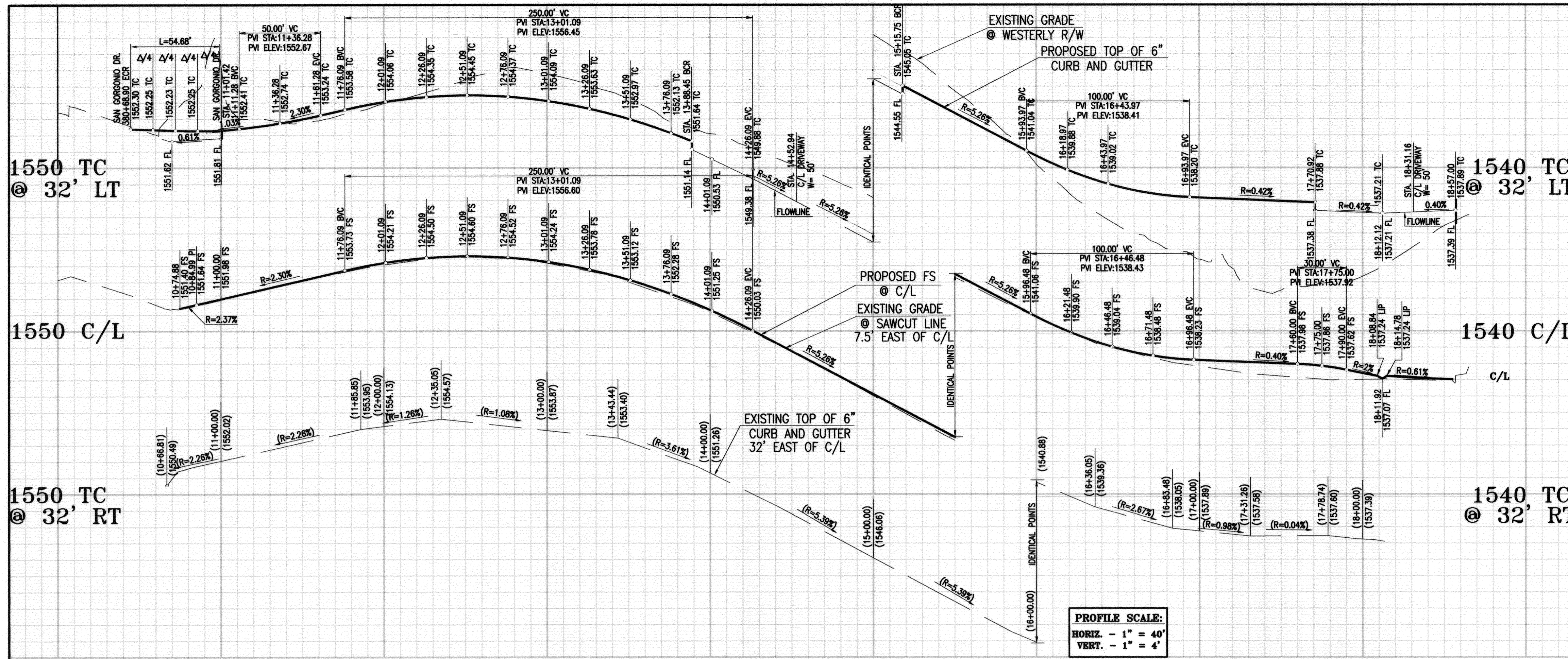
MARK	REVISIONS	APPR.	DATE

DESIGNED BY AC DRAWN BY AC CHECKED BY HIA

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY

ENGINEERING MANAGER
 TRAFFIC DIVISION
 CAPITAL PROJECTS
 PW TREES & LANDSCAPE

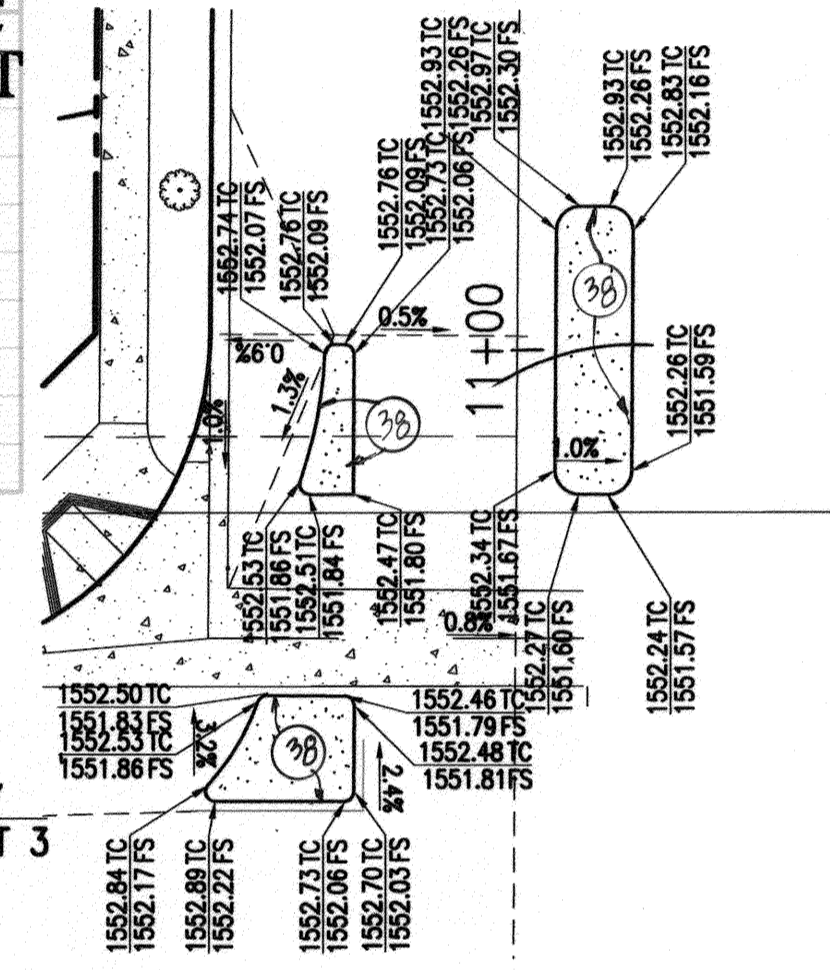
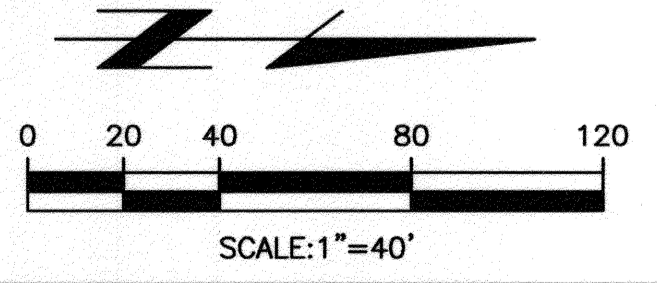
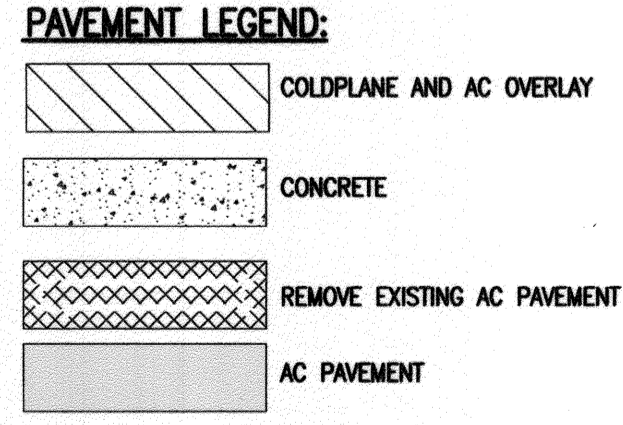
STREET IMPROVEMENT PLAN		PROJ. NO. PW12-0344
ALESSANDRO BLVD.		R- 4042
PM 34707		
HORIZ. SCALE: 1"=40'	VERT. SCALE: 1"=4'	SHEET 3 OF 4



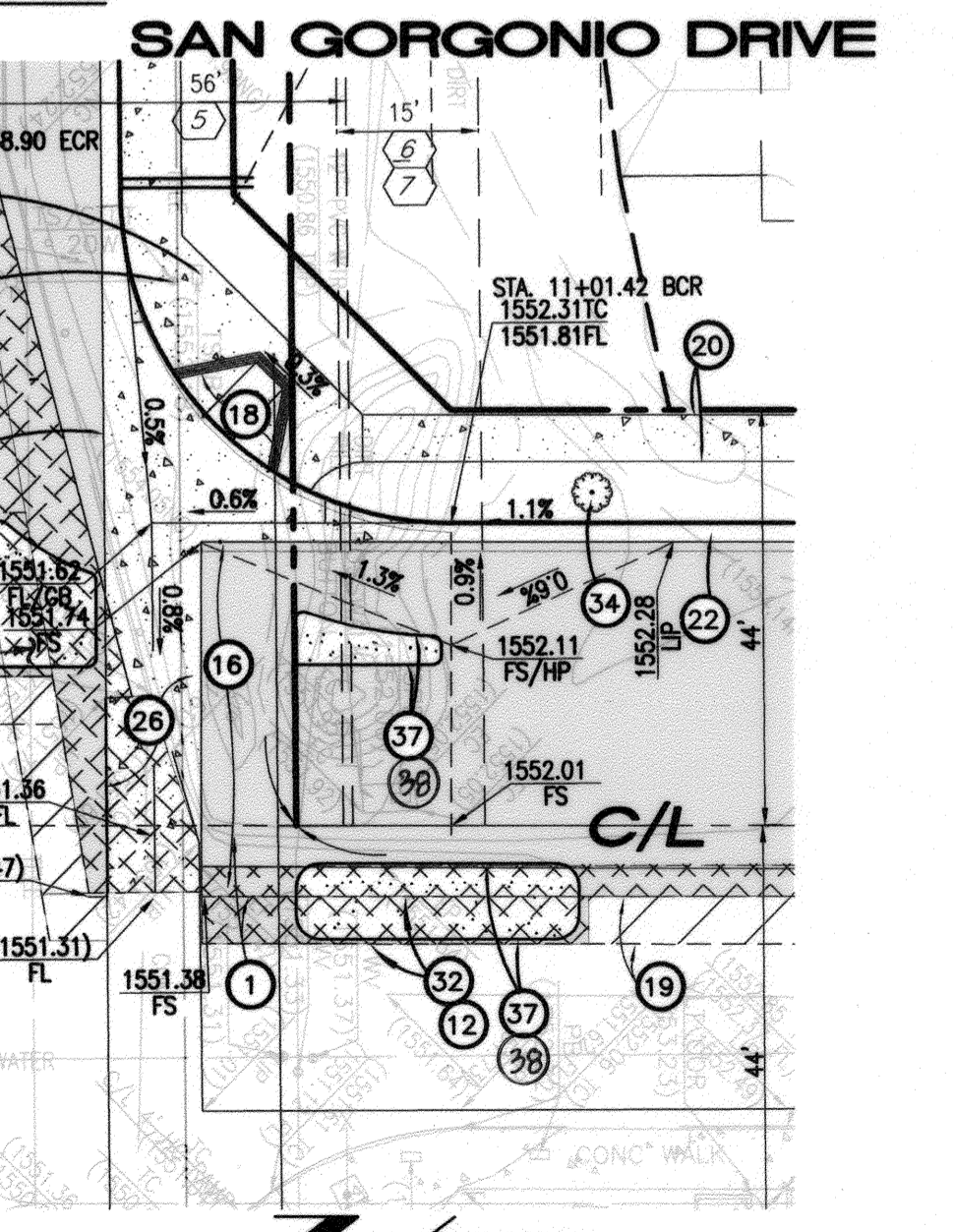
CURVE DATA

#	DELTA	RADIUS	TANGENT	LENGTH
C	36°52'12"	40.00'	13.33'	25.74'
D	39°31'04"	35.00'	12.57'	24.14'
E	9°46'54"	40.00'	3.42'	6.83'

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



RAISED 8' CF MEDIAN DETAIL
SCALE: 1" = 20'

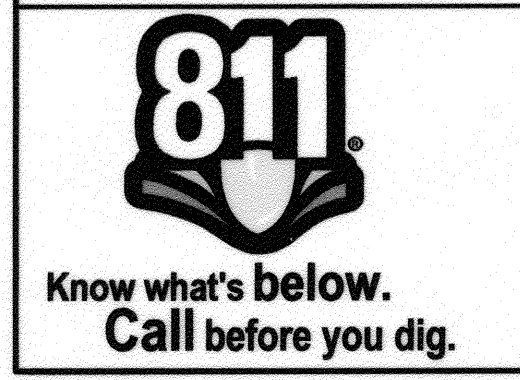


DETAIL "A"
SCALE: 1" = 20'

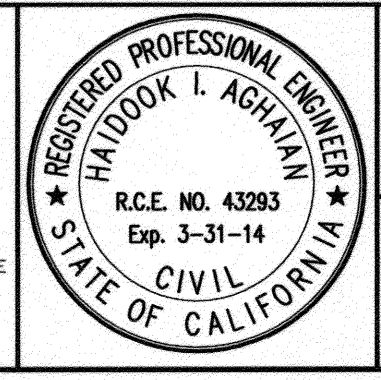
- CONSTRUCTION NOTES:**
- SAWCUT AND REMOVE EXISTING AC PAVEMENT.
 - REMOVE EXISTING TREE.
 - REMOVE EXISTING SIGN.
 - ADJUST TO GRADE EXISTING TELEPHONE CABLE MARKER.
 - PROTECT IN PLACE EXISTING DEAD MAN.
 - SAW-CUT EXISTING PAVEMENT
 - ADJUST TO GRADE EXISTING SEWER MANHOLE.
 - EXTEND EXISTING CMP (SIZE PER PLAN).
 - CLEAN AND CLEAR INSIDE OF EXISTING STORM DRAIN.
 - EXTEND EXISTING TELEPHONE CONDUITS TO PROPOSED R/W AND CAP.
 - EXTEND EXISTING ELECTRIC LINE TO PROPOSED R/W AND CAP.
 - REMOVE/RELOCATE TRAFFIC PULL BOX AND LOOPS PER TRAFFIC PLANS.
 - REMOVE AND RELOCATE EXISTING UTILITY VAULT AND OTHER APPURTENANCES.
 - REMOVE EXISTING CURB AND GUTTER.
 - REMOVE EXISTING GUARD RAIL.
 - CONSTRUCT AC OVER AB TI=8.0 (SAN GORGONIO DR.) R VALUE=, SOILS REPORT NO. 12494-06
 - CONSTRUCT AC OVER AB TI=10.5 (ALESSANDRO BLVD) R VALUE=, SOILS REPORT NO. 12494-06
 - CONSTRUCT RAMP PER CITY OF RIVERSIDE STD. NO. 304 TYPE I.
 - COLDPLANE AND CONSTRUCT AC OVERLAY PER DETAIL ON SHEET 1.
 - CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD. NO. 325.
 - CONSTRUCT DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. NO. 302 & 303.
 - CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD. NO. 200 (TYPE I).
 - CONSTRUCT 0" TO 6" CF.
 - INSTALL LANDSCAPING PER LANDSCAPE PLANS.
 - CONSTRUCT RAMP PER CITY OF RIVERSIDE STD. NO. 304 TYPE III.
 - CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220.
 - CONSTRUCT MODIFIED DRIVEWAY APPROACH PER DETAIL ON SHEET 1.
 - PROTECT IN PLACE EXISTING TRAFFIC SIGNAL.
 - ADJUST TO GRADE EXISTING TRAFFIC SIGNAL PULL BOX.
 - JOIN EXISTING CMP STORM DRAIN.
 - ADJUST TO GRADE EXISTING GAS MARKER.
 - INSTALL TRAFFIC SIGNAL LOOPS PER TRAFFIC SIGNAL PLANS.
 - CONSTRUCT PARKWAY DRAIN PER CITY STD. DWG. NO. 410. (S=12")
 - INSTALL 24" BOX STREET TREE PER CITY SPECIFICATION.
 - ADJUST TO GRADE EXISTING WATER VALVE.
 - SAWCUT AND REMOVE EXISTING MEDIAN.
 - CONSTRUCT 8" CURB (TYPE II) PER CITY STD DWG. NO. 200.
 - CONSTRUCT STAMPED CONCRETE, PATTERN AND COLOR PER P.W. SPECIFICATIONS, 303-6.3

CITY OF RIVERSIDE - ELECTRICAL DEPARTMENT
 APPROVED: *Espin Mejia* 4/17/13
 DATE

BUSINESS TAX CERTIFICATION # 041318 EXP. DATE 09-23-13



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PREPARED UNDER THE DIRECTION OF:
Haidook Aghaian 4/8/13
 HAI DOOK I. AGHAIAN
 R.C.E. 043293 - EXP. 3/31/14

Thienes Engineering, Inc.
 CIVIL ENGINEERING • LAND SURVEYING
 14349 FIRESTONE BOULEVARD
 LA MIRADA, CALIFORNIA 90638
 PH: (714) 521-4811 FAX: (714) 521-4173

CITY OF RIVERSIDE, BENCH MARK FB-H3:
 A P.K. NAIL AND CITY ENGINEER TAG IN THE CONCRETE BASE OF THE STREET LIGHT POLE ALONG THE NORTHERLY CURB OF ALESSANDRO BLVD., 125 FEET EASTERLY OF BARTON ROAD.
 ELEVATION = 1622.303' (NGVD '29) (1970 ADJ.)

MARK	REVISIONS	APPR.	DATE

DESIGNED BY AC DRAWN BY AC CHECKED BY HIA

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *[Signature]* DATE: 4/17/13
 TRAFFIC DIVISION
 CAPITAL PROJECTS
 PW TREES & LANDSCAPE

APPROVED BY: *[Signature]* DATE: 4/17/13
 CITY ENGINEER/PW DIRECTOR

STREET IMPROVEMENT PLAN PROJ. NO. PW12-0344
SAN GORGONIO DRIVE R- 4042
 PM 34707
 HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'
 SHEET 4 OF 4