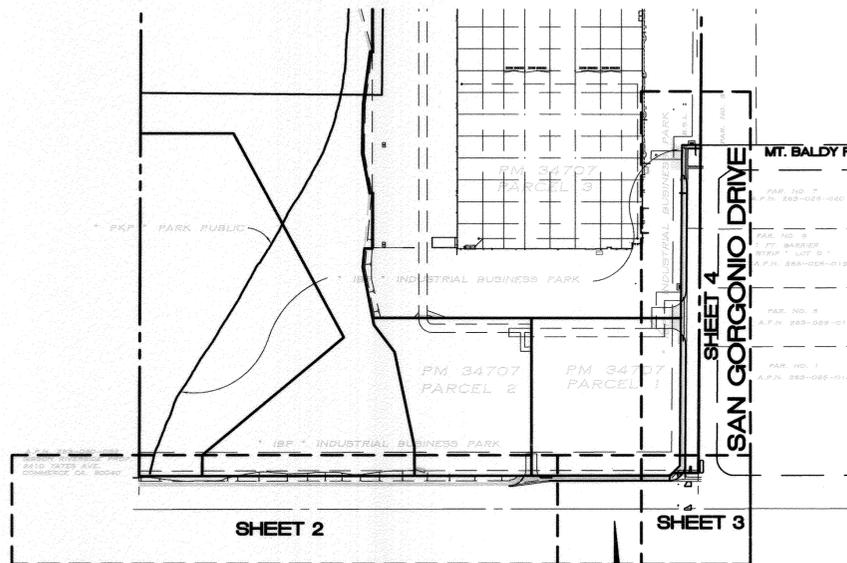
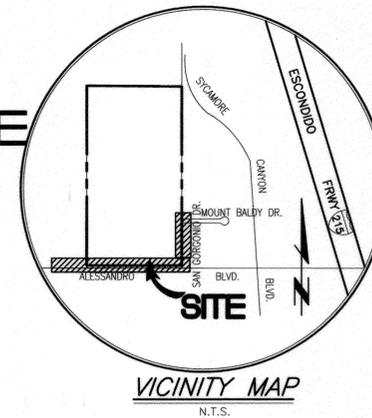


STREET IMPROVEMENT PLANS FOR ALESSANDRO BLVD AND SAN GORGONIO DRIVE PM 34707



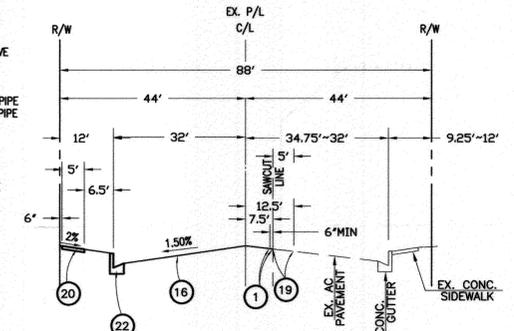
INDEX MAP SCALE: 1"=200'

LEGEND

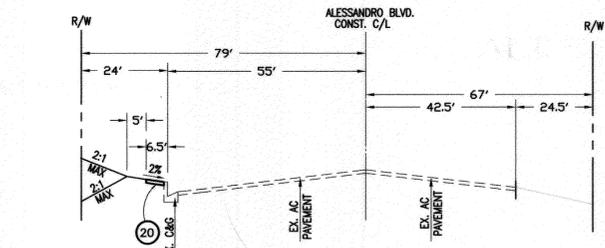
EXH	EXIST. FIRE HYDRANT	---	EXIST. CABLE TV CONDUIT
WM	EXIST. WATER METER	---	EXIST. EDGE OF A.C. PAVEMENT
WV	EXIST. WATER VALVE	---	EXIST. CURB AND GUTTER
GAS V	EXIST. GAS VALVE	---	EXIST. SANITARY SEWER
GUY WIRE/DEADMAN		---	EXIST. STORM DRAIN
PP	EXIST. POWER POLE	---	EXIST. GAS LINE
TS	EXIST. TRAFFIC SIGNAL	---	EXIST. TELEPHONE CONDUIT
CS	EXIST. CROSSWALK SIGNAL	---	EXIST. WATER LINE
SLB	STREET LIGHTING BOX	---	EXIST. CONTOUR
SL	EXIST. STREET LIGHT	---	EXIST. GAS METER
SMH	EXIST. STORM DRAIN MANHOLE	---	EXIST. MAIL BOX
SM	EXIST. SEWER MANHOLE	---	EXIST. TELEPHONE MANHOLE
V	EXIST. VAULT	---	EXIST. GRADE ELEVATION
S	EXIST. SIGN	---	PROPERTY LINE
T	TREE	---	CONSTRUCTION NOTES BUBBLE
TSB	EXIST. TRAFFIC SIGNAL BOX	---	SAWCUT LINE
		---	COLDPLANE AND AC OVERLAY
		---	CONCRETE
		---	REMOVE EXISTING AC PAVEMENT
		---	AC PAVEMENT

ABBREVIATIONS:

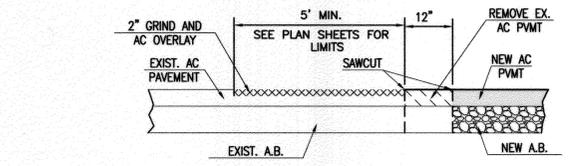
AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
BCR	BEGIN CURB RETURN
BLVD.	BOLIVARD
BVC	BEGIN VERTICAL CURVE
CF	CURB FACE
C/L	CENTER LINE
CONC.	CONCRETE
CMP	CORRUGATED METAL PIPE
CSP	CORRUGATED STEEL PIPE
DWG.	DRAWING
DR.	DRIVEWAY
DR.	DRIVE
EX/EXIST.	EXISTING
ECR	END CURB RETURN
EVC	END VERTICAL CURVE
ELEV.	ELEVATION
E.P.	EDGE OF PAVEMENT
FL	FLOW LINE
FS	FINISHED SURFACE
G	GAS
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. LT.	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



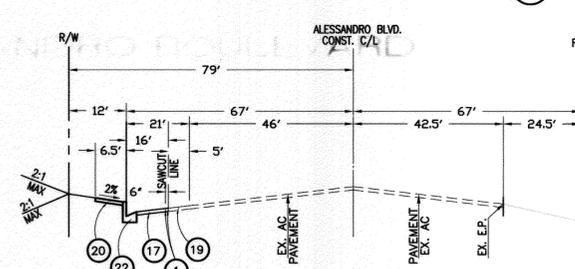
TYP. STREET SECTION
SAN GORGONIO DR.
T.I. = 8.0 N.T.S.



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



COLDPLANE AND OVERLAY 19
N.T.S.



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

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 T=8.0 (SAN GORGONIO DR.) 33,276 SF R VALUE= SOILS REPORT NO. 12494-06	
17	CONSTRUCT AC OVER AB T=10.5 (ALESSANDRO BLVD) 5,610 SF R VALUE= SOILS REPORT NO. 12494-06	
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 PW SPECIFICATIONS. 303-G.3	

INDEX SHEET

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

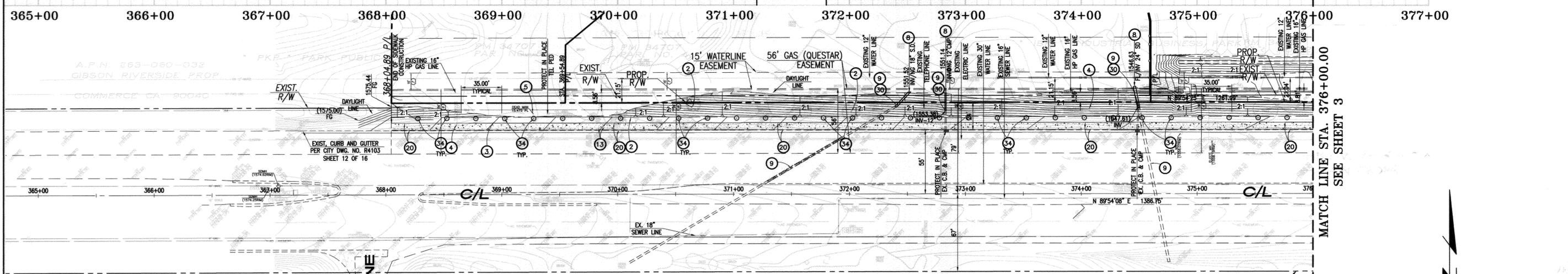
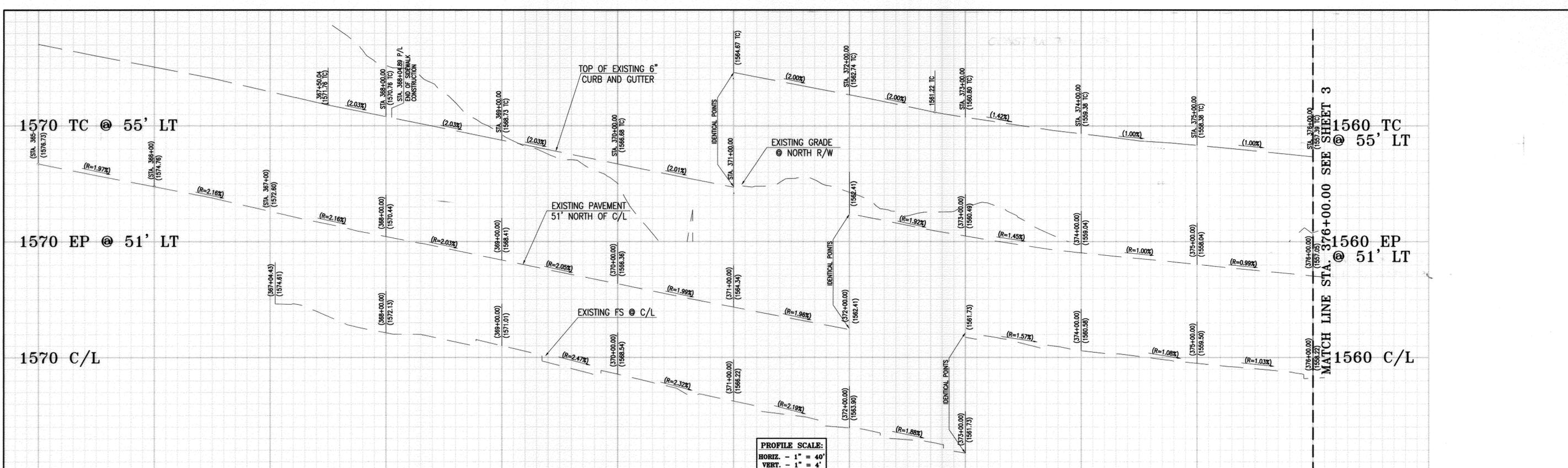
- GENERAL NOTES:**
- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
 - 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 # 1-800-227-2600, 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.
 - 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.

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 CARBENAS - Summer Delgado
PHONE NO. 951-926-5937 951-926-2124
3900 MAIN STREET, 4TH FLOOR 3150 University Ave. 5th floor
RIVERSIDE, CA 92502 Riverside, CA 92501

REVIEWED BY:
WESTERN MUNICIPAL WATER DISTRICT
FOR NON-INTERFERENCE COMPLIANCE
SHEET 1 THROUGH 4
Derek Kawai 04-10-2013
INTERIM DIRECTOR OF ENGINEERING
CITY OF RIVERSIDE ELECTRICAL DEPARTMENT
APPROVED: E. M. Mejar 4/17/13
DATE

<p>Know what's below. Call before you dig.</p>	<p>PRIVATE ENGINEERING NOTE</p> <p>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.</p>	<p>REGISTERED PROFESSIONAL ENGINEER HA/DOCK T. AGHAWAN R.C.E. NO. 42983 Exp. 3-31-14 STATE OF CALIFORNIA CIVIL</p>	<p>PREPARED UNDER THE DIRECTION OF: Haideak Agnew 4/8/13 DATE HA/DOCK T. AGHAWAN R.C.E. 043293 - EXP. 3/31/14</p>	<p>Thienes Engineering, Inc. CIVIL ENGINEERING • LAND SURVEYING 14349 FIRESTONE BOULEVARD LA MIRADA, CALIFORNIA 90639 PH: (714) 821-4911 FAX: (714) 821-4173</p>	<p>CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS</p> <p>APPROVED BY: [Signature] DATE: 4/16/13 ENGINEERING MANAGER TRAFFIC DIVISION CAPITAL PROJECTS PW TREES & LANDSCAPE [Signature] DATE: 4/16/13 CITY ENGINEER/PW DIRECTOR DATE: 3/16/2013</p>	<p>STREET IMPROVEMENT PLAN TITLE SHEET PM 34707 HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'</p>	<p>PROJ. NO. PW12-0344 R- 4042 SHEET 1 OF 4</p>
	<p>DESIGNED BY AC DRAWN BY AC CHECKED BY HIA</p>	<p>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 ADL.)</p>	<p>1" = 40'</p>	<p>BUSINESS TAX CERTIFICATION # 041318 EXP. DATE 09-23-13</p>	<p>DATE</p>	<p>DATE</p>	<p>DATE</p>



GEM LANE

ALESSANDRO BOULEVARD

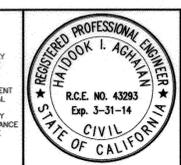
CONSTRUCTION NOTES:

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> 1 - SAWCUT AND REMOVE EXISTING AC PAVEMENT. 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). 9 - CLEAN AND CLEAR INSIDE OF EXISTING STORM DRAIN. 10 - EXTEND EXISTING TELEPHONE CONDUITS TO PROPOSED R/W AND CAP. 11 - EXTEND EXISTING ELECTRIC LINE TO PROPOSED R/W AND CAP. 12 - REMOVE/RELOCATE TRAFFIC PULL BOX AND LOOPS PER TRAFFIC PLANS. 13 - REMOVE AND RELOCATE EXISTING UTILITY VAULT AND OTHER APPURTENANCES. | <ul style="list-style-type: none"> 14 - REMOVE EXISTING CURB AND GUTTER. 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 18 - CONSTRUCT RAMP PER CITY OF RIVERSIDE STD. NO. 304 TYPE I. 19 - COLDFLANE AND CONSTRUCT AC OVERLAY PER DETAIL ON SHEET 1. 20 - CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD. NO. 325. 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. | <ul style="list-style-type: none"> 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. 32 - INSTALL TRAFFIC SIGNAL LOOPS PER TRAFFIC SIGNAL PLANS. 33 - CONSTRUCT PARKWAY DRAIN PER CITY STD. DWG. NO. 410. (S=12") 34 - INSTALL 24" BOX STREET TREE PER CITY SPECIFICATION. 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. |
|--|--|---|

CITY OF RIVERSIDE - ELECTRICAL DEPARTMENT
 APPROVED: *Open Mejia* 4/12/13
 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 OBTAIN, NECESSARY AND HOLD DESIGN PROFESSIONAL WARRANTIES 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. Aghavan 4/8/13
 DATE
 Haidook I. Aghavan
 R.C.E. 043293 - EXP. 3/31/14

TI Thienes Engineering, Inc.
 CIVIL ENGINEERING • LAND SURVEYING
 14349 FIRESTONE BOULEVARD
 LA HABRA, CALIFORNIA 90638
 PH (714) 921-4911 FAX (714) 921-4173

CITY OF RIVERSIDE, BENCH MARK FB-13:
 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: 4/11/13
 TRAFFIC DIVISION
 CAPITAL PROJECTS
 PW TREES & LANDSCAPE: *[Signature]* DATE: 4/11/13

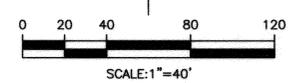
APPROVED BY: *[Signature]* DATE: 4/11/13
 CITY ENGINEER/PW DIRECTOR

STREET IMPROVEMENT PLAN
 PROJ. NO. PW12-0344

ALESSANDRO BLVD.
 PM 34707
 R- 4042

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

SHEET 2 OF 4



PAVEMENT LEGEND:
 [Pattern] CONCRETE



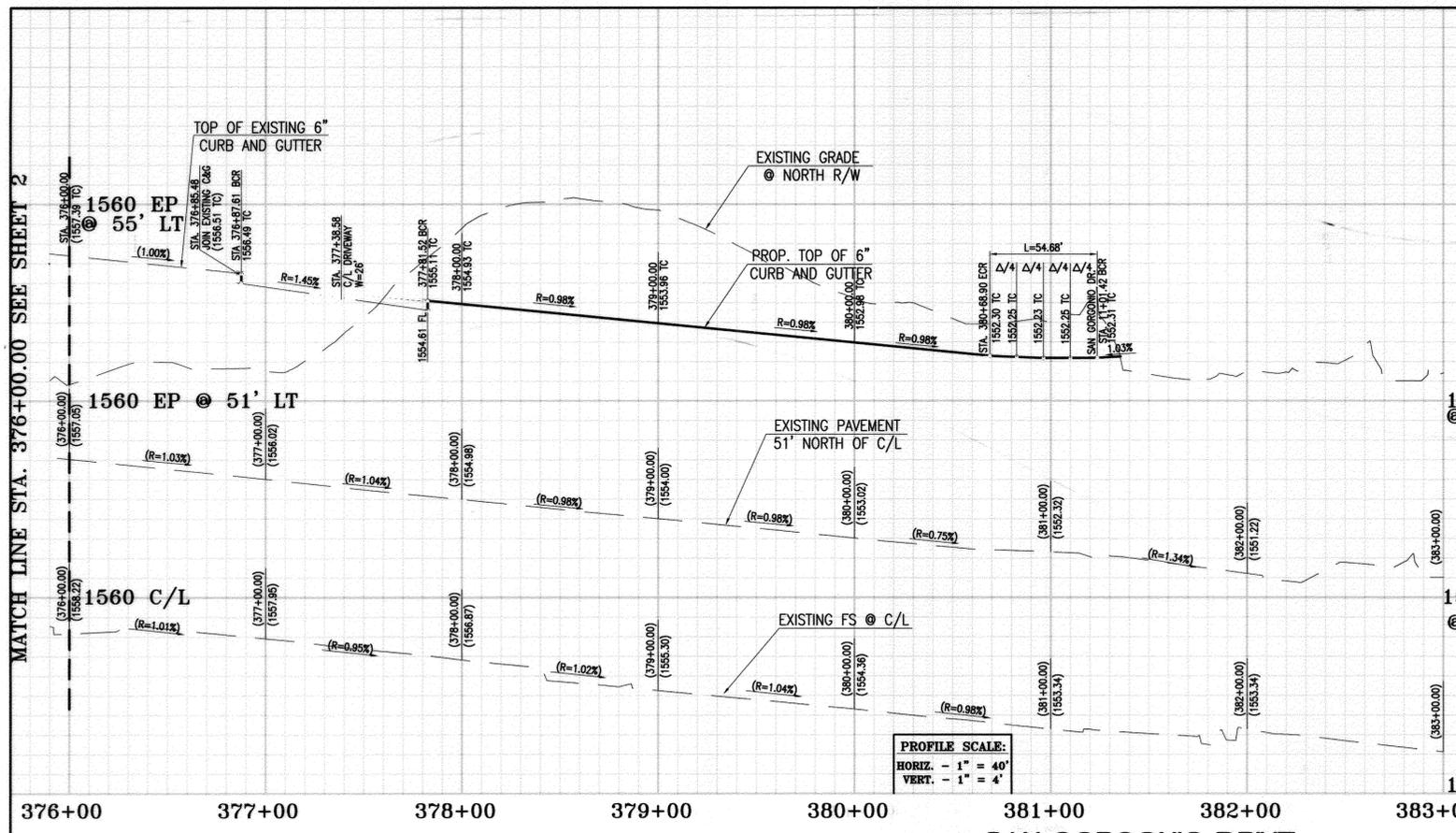
MATCH LINE STA. 376+00.00 SEE SHEET 3

MATCH LINE STA. 376+00.00 SEE SHEET 3

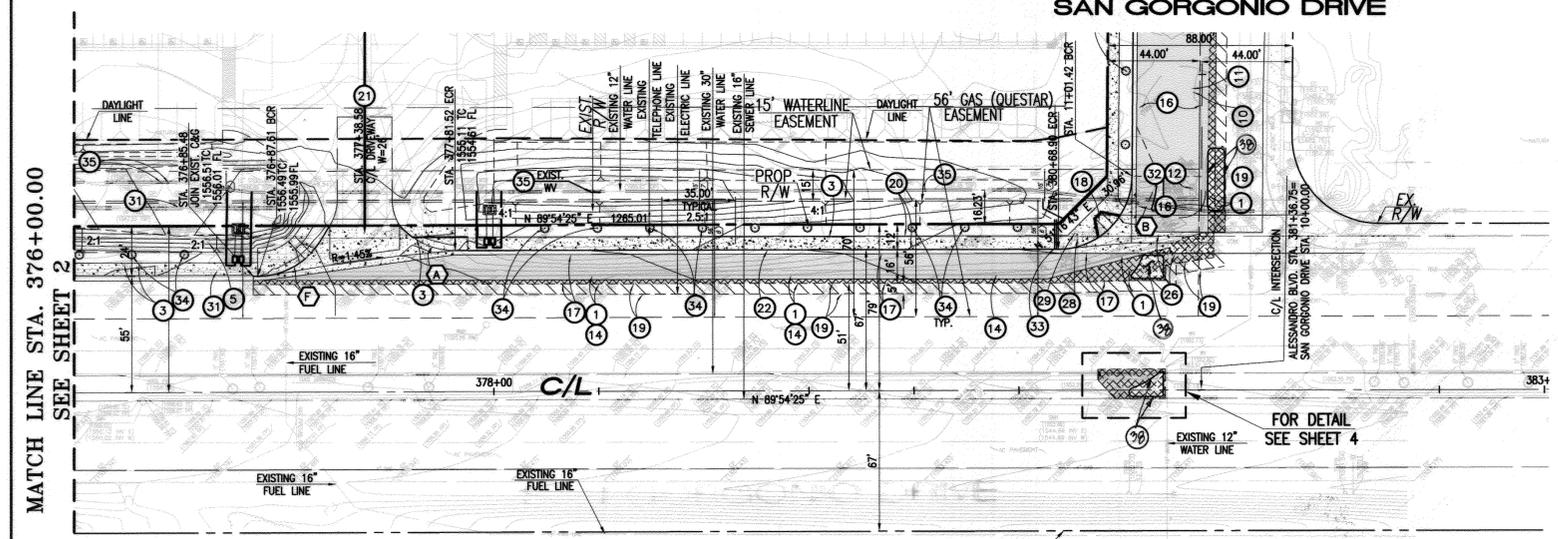
1560 TC @ 55' LT

1560 EP @ 51' LT

1560 C/L



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

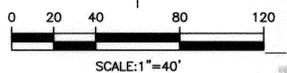


CURVE DATA

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'
F	58°03'58"	35.00'	19.43'	35.47'

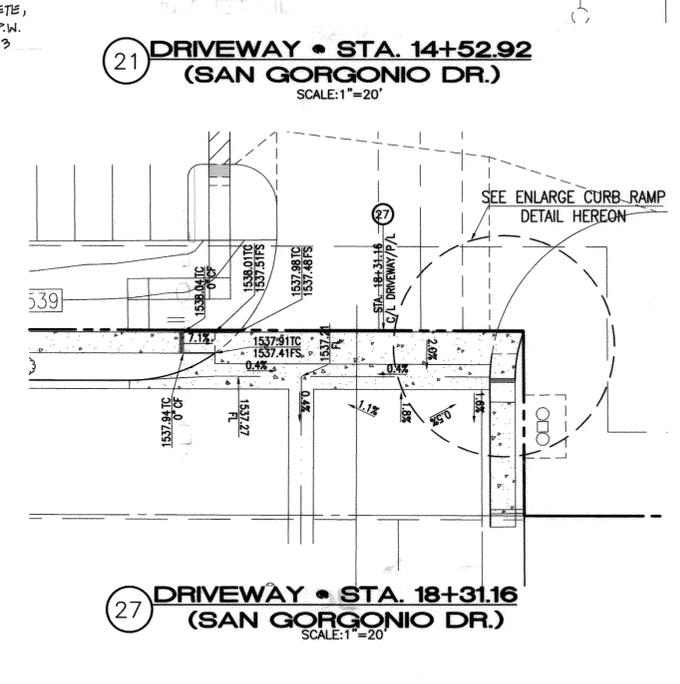
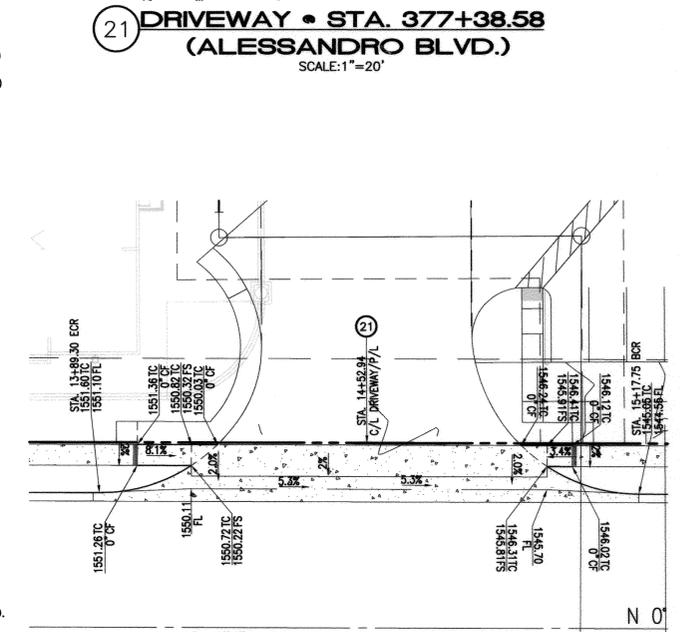
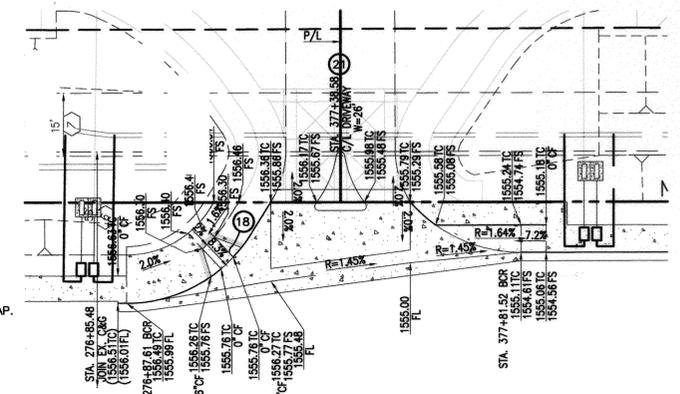
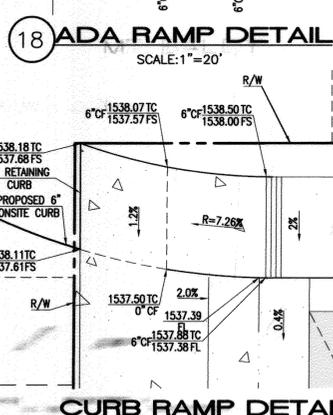
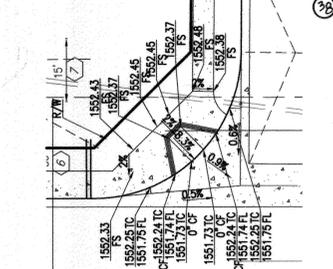
PAVEMENT LEGEND:

	COLDPLANE AND AC OVERLAY
	CONCRETE
	REMOVE EXISTING AC PAVEMENT
	AC PAVEMENT

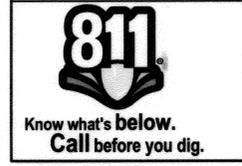


CONSTRUCTION NOTES:

- 1 SAWCUT AND REMOVE EXISTING AC PAVEMENT.
- 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).
- 9 CLEAN AND CLEAR INSIDE OF EXISTING STORM DRAIN.
- 10 EXTEND EXISTING TELEPHONE CONDUITS TO PROPOSED R/W AND CAP.
- 11 EXTEND EXISTING ELECTRIC LINE TO PROPOSED R/W AND CAP.
- 12 REMOVE/RELOCATE TRAFFIC PULL BOX AND LOOPS PER TRAFFIC PLANS.
- 13 REMOVE AND RELOCATE EXISTING UTILITY VAULT AND OTHER APPURTENANCES.
- 14 REMOVE EXISTING CURB AND GUTTER.
- 15 REMOVE EXISTING GUARD RAIL.
- 16 CONSTRUCT - AC OVER - AB TI=8.0 (SAN GORGONIO DR.) R VALUE=...
- 17 CONSTRUCT - AC OVER - AB TI=10.5 (ALESSANDRO BLVD) R VALUE=...
- 18 CONSTRUCT RAMP PER CITY OF RIVERSIDE STD. NO. 304 TYPE I.
- 19 COLDPLANE AND CONSTRUCT AC OVERLAY PER DETAIL ON SHEET 1.
- 20 CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD. NO. 325.
- 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.
- 32 INSTALL TRAFFIC SIGNAL LOOPS PER TRAFFIC SIGNAL PLANS.
- 33 CONSTRUCT PARKWAY DRAIN PER CITY STD. DWG. NO. 410. (S=12")
- 34 INSTALL 24" BOX STREET TREE PER CITY SPECIFICATION.
- 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.



CITY OF RIVERSIDE - ELECTRICAL DEPARTMENT
 APPROVED: *Sam Mejia* 4/17/13
 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 DESIGN, 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:
Handbook Agban 4/18/13
 HAIDOOK I. AGBAN
 R.C.E. 043293 - EXP. 3/31/14

Thienes Engineering, Inc.
 CIVIL ENGINEERING • LAND SURVEYING
 14349 FIRESTONE BOULEVARD
 LA MIRADA, CALIFORNIA 90638
 PH (714) 521-4011 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

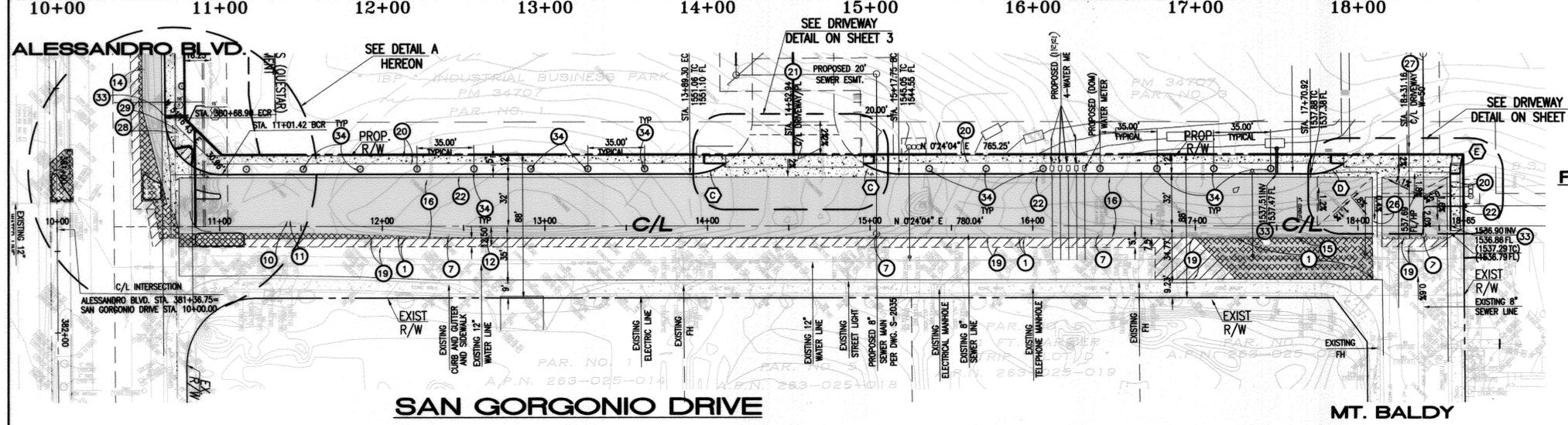
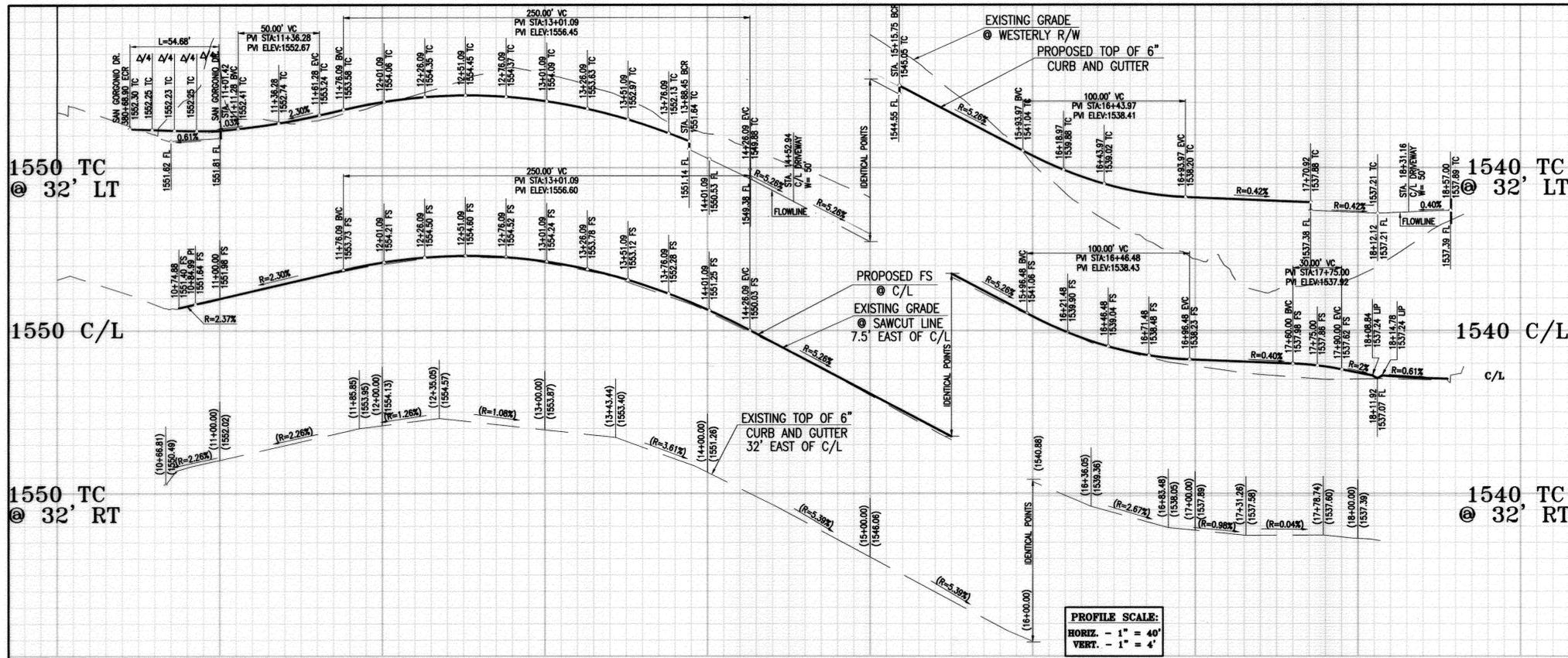
APPROVED BY: *[Signature]* DATE: 5/10/2013
 CITY ENGINEER/PW DIRECTOR

STREET IMPROVEMENT PLAN
 ALESSANDRO BLVD.
 PM 34707

PROJ. NO. PW12-0344
 R-4042

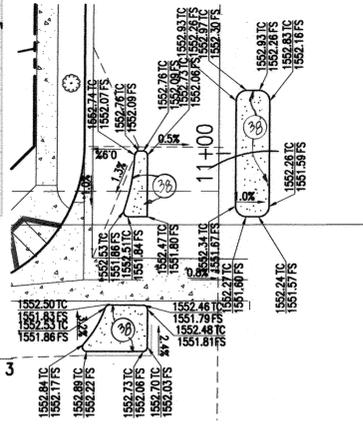
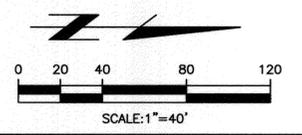
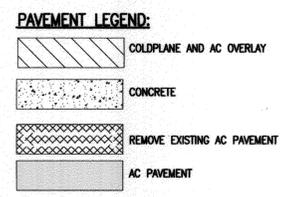
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'

SHEET 3 OF 4

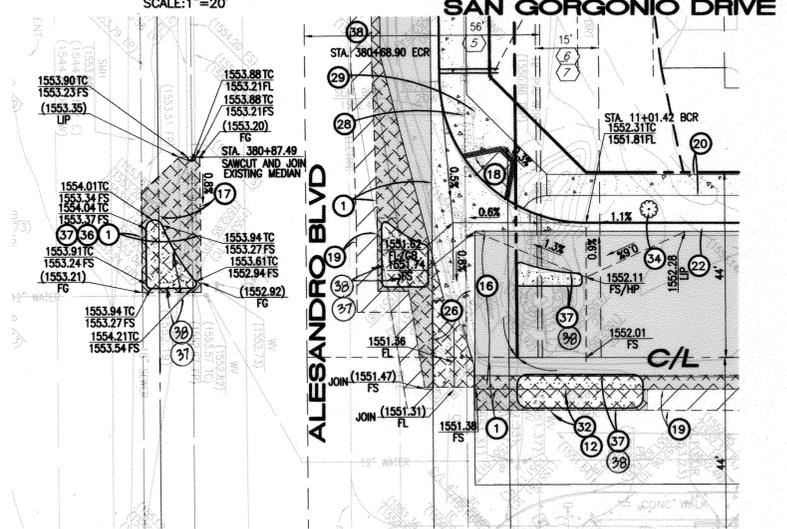


CURVE DATA

#	DELTA	RADIUS	TANGENT	LENGHT
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'



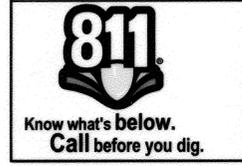
RAISED 8" OF MEDIAN DETAIL
SCALE: 1"=20'



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 T1=8.0 (SAN GORGONIO DR.) R VALUE=, SOILS REPORT NO. 12494-06
 - CONSTRUCT AC OVER AB T1=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"FC TO 6"FC.
 - 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-G-3

CITY OF RIVERSIDE - ELECTRICAL DEPARTMENT
Spam Mejia 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:
Handbook Aglan 4/18/13
 HAIDOOK I. AGHAN
 R.C.E. 043293 - EXP. 3/31/14

Thienes Engineering, Inc.
 CIVIL ENGINEERING • LAND SURVEYING
 14349 FIRESTONE BOULEVARD
 LA MIRADA, CALIFORNIA 90639
 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.)

DESIGNED BY AC DRAWN BY AC CHECKED BY HIA

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]
 ENGINEERING MANAGER
 TRAFFIC DIVISION
 CAPITAL PROJECTS
 PW TREES & LANDSCAPE [Signature]

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

STREET IMPROVEMENT PLAN PROJ. NO. PW12-0344
SAN GORGONIO DRIVE R-4042
 PM 34707
 SHEET 4 OF 4

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