

SPECIFIC CONSTRUCTION NOTES

- ▲** NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJ** ADJUST SEWER, STORM DRAIN, OR WATER MANHOLE, ELECTRIC VAULT, TRAFFIC SIGNAL BOXES, TREE LIGHTS, WATER VAULTS, AND GATE VALVE CANS TO GRADE. FOR AREAS WHERE TRAFFIC SIGNAL BOXES ARE IN PAVED AREAS, TRAFFIC RATED BOXES SHALL BE USED OR RELOCATED AS REQUIRED. ADJUSTMENT TO GRADE OR RELOCATION OF GAS AND TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
- C/S** CONSTRUCT STRUCTURAL SECTION OF 0.50' AC OVER 0.67' CAB.
- R/S** REMOVE EXISTING STRUCTURAL SECTION.
- R/T** REMOVE EXISTING TREE. CLASS I - 6" TO 18", CLASS II - OVER 18" TO 36", CLASS III - OVER 36". **(R/T) TO BE REMOVED BY OTHERS.**
- R/P** REMOVE EXISTING CATCH BASIN AND PIPE AS REQUIRED, PLUG REMAINING PIPE WITH BRICK AND MORTAR BULKHEAD.
- PIP** PROTECT IN PLACE.
- OL/VAR** OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS ARHM-GG RUBERIZED ASPHALT CONCRETE OVERLAY (0.15' MIN.)
- G1** GRIND EXISTING A.C. PAVEMENT - DEPTH=0.15' MIN. FOR ALL AREAS WHERE AC PAVEMENT RECONSTRUCTION IS NOT REQUIRED.
- G2** GRIND EXISTING A.C. PAVEMENT - DEPTH=0.33", WIDTH AS SHOWN ON PLANS AND RECONSTRUCT AC PAVEMENT TO BOTTOM OF OVERLAY LEVEL.
- R/SW** REMOVE EXISTING SIDEWALK AND RECONSTRUCT AS SHOWN PER STD. DWG. 325.
- R/CG** REMOVE EXISTING CURB AND GUTTER TO NEAREST SCORE LINE.
- AV** AIR VALVE TO BE RELOCATED BY THE P.U. WATER DIVISION DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH P.U. WATER TO ALLOW FOR THE RELOCATION CONSTRUCTION.
- FH** FIRE HYDRANT TO BE RELOCATED BY THE P.U. WATER DIVISION DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH P.U. WATER TO ALLOW FOR THE RELOCATION CONSTRUCTION.
- WM** WATER METER TO BE RELOCATED BY THE P.U. WATER DIVISION DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH P.U. WATER TO ALLOW FOR THE RELOCATION CONSTRUCTION.
- IRR/FU** 2" WATER METER TO BE CONSTRUCTED BY THE P.U. WATER DIVISION DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH P.U. WATER TO ALLOW FOR THE CONSTRUCTION.
- IRR/WM** CONSTRUCT 2" WATER METER AND CONNECT TO EXISTING WESTERN MUNICIPAL WATER DISTRICT WATER LINE. CONTRACTOR SHALL COORDINATE WITH WMWD PRIOR TO CONNECTION.
- TEL** TELEPHONE FACILITIES ARE TO BE RELOCATED PRIOR TO CONSTRUCTION BY APPROPRIATE AGENCY.
- E** POWER POLE TO BE REMOVED BY THE P.U. ELECTRIC DIVISION DURING CONSTRUCTION, AFTER UNDERGROUND ELECTRICAL SYSTEM IS COMPLETED AND EXCEPTING BY CITY P.U. ELECTRICAL DIVISION.
- REL/SL** STREET LIGHT TO BE RELOCATED PER RIVERSIDE PUBLIC UTILITIES STD. UGS-801. SEE STREET LIGHT PLAN BY THE P.U. ELECTRIC DIVISION.
- C/SL** STREET LIGHT TO BE INSTALLED PER RIVERSIDE PUBLIC UTILITIES STD. UGS-801. SEE STREET LIGHT PLAN BY THE P.U. ELECTRIC DIVISION.
- C/H** CONSTRUCT CONCRETE MEDIAN HARDSCAPE AS SHOWN ON PLANS. (MINIMUM WIDTH 12" AT ALL MEDIAN CURB).
- E/LUM** REMOVE AND SALVAGE EXISTING LUMINAIRE AND/OR INSTALL NEW 250W HPS LUMINAIRE AND LAMP PER RIVERSIDE PUBLIC UTILITIES STD. UGS-800. (POWER POLES ONLY)
- E/320** INSTALL ESB-3 1/2 PULL BOX IN EXISTING CONDUIT RUN, PULL BOX SHALL BE PER RIVERSIDE PUBLIC UTILITIES STD. UGS-320.
- E/SC** SPLICE NEW TO EXISTING CONDUCTORS.
- E/C** INSTALL 8 3" CONDUITS PER RIVERSIDE PUBLIC UTILITIES STD. UGS-100.
- C/SD** CONSTRUCT 18" R.C.P., D-2500 AND OUTLET STRUCTURES AS REQUIRED. REPLACE EXISTING IMPROVEMENTS AS REQUIRED.
- C/SD1** CONSTRUCT 12" C900 POLYVINYL CHLORIDE (P.V.C.) PIPE 1 FOOT INSIDE MEDIAN CURB WITH 2 FEET OF COVER MINIMUM. CONSTRUCT CONCRETE BACKFILL IN AREAS WHERE PIPE WILL BE SUBJECTED TO TRAFFIC LOADS.
- REL/CB** RELOCATE EXISTING CATCH BASIN AND STORM DRAIN FACILITIES AS SHOWN AND PER STD. DWG. 405.
- SD/412** CONSTRUCT INLET OVER EXISTING STORM DRAIN PIPE. **AND CONSTRUCT CONCRETE FOUNDATION PER STD. DWG. 412. REMOVE EXISTING PIPE AS REQUIRED. INLET TO BE 12"x12" WITH 4" CONCRETE WALLS. 3000 PSI. PRODUCTS OF GUSTY APPROVED EQUAL.**
- SD/151** CONSTRUCT CURB OUTLET, PER STANDARD 151-1, TYPE II. **CURVE OUTLET AS REQUIRED PER STANDARD 410.**
- CB/COR** CORE EXISTING CATCH BASIN AND CONNECT 18" RCP STORM DRAIN.

SHEET INDEX

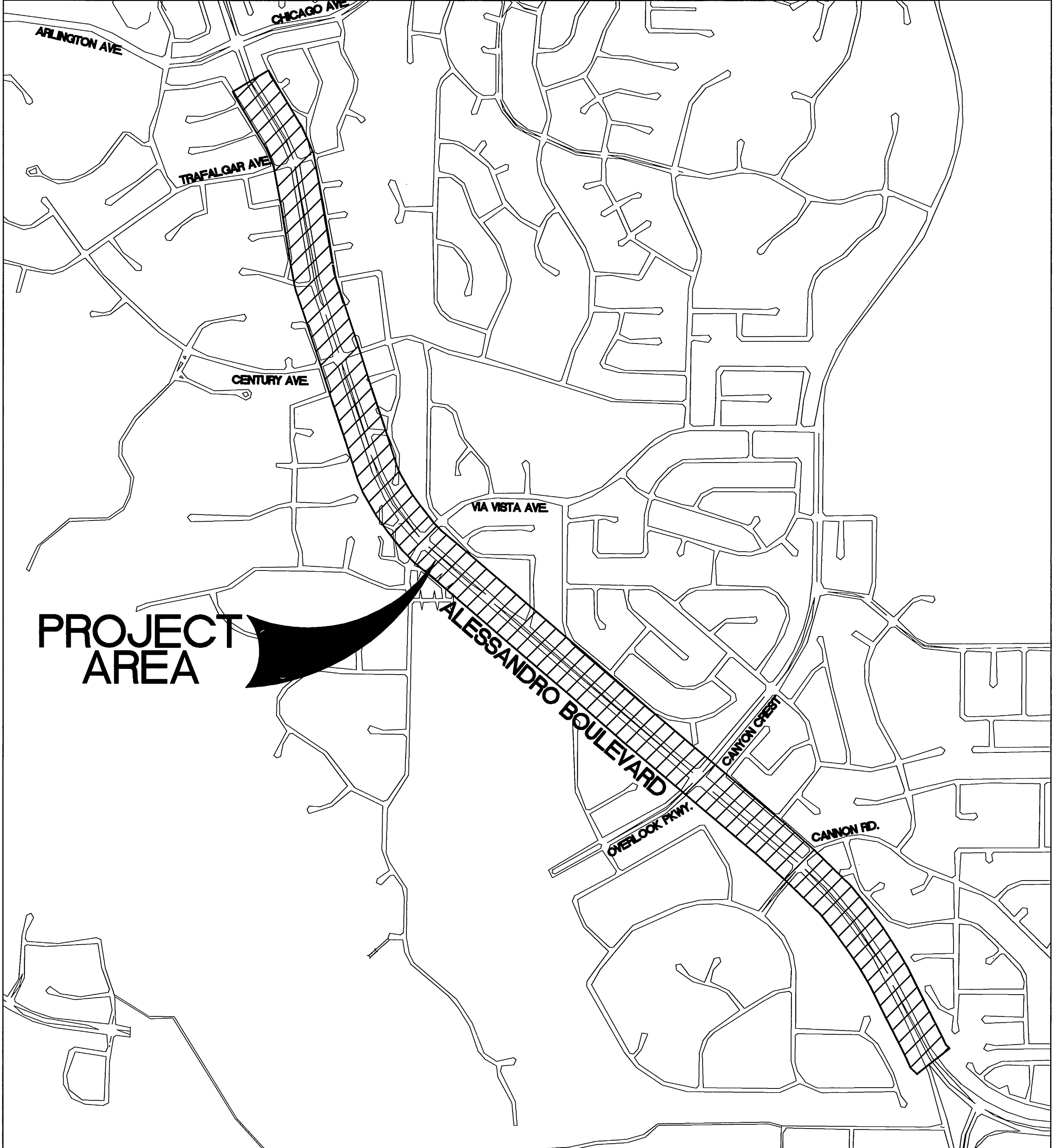
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
1	TITLE SHEET	10	PLAN/PROFILE STA. 226+00-236+00
2	PLAN/PROFILE STA. 152+00-156+00	11	PLAN/PROFILE STA. 236+00-246+00
3	PLAN/PROFILE STA. 156+00-166+00	12	PLAN/PROFILE STA. 246+00-256+00
4	PLAN/PROFILE STA. 166+00-176+00	13	PLAN/PROFILE STA. 256+00-266+00
5	PLAN/PROFILE STA. 176+00-186+00	14	PLAN/PROFILE STA. 266+00-268+91±
6	PLAN/PROFILE STA. 186+00-196+00	15	CURB PROFILE STA. 194+35.55-216+87.16
7	PLAN/PROFILE STA. 196+00-206+00	16	CURB PROFILE STA. 244+45.18-261+08.56
8	PLAN/PROFILE STA. 206+00-216+00	17-46	LANDSCAPE AND IRRIGATION PLANS
9	PLAN/PROFILE STA. 216+00-226+00		

- I/12** INSTALL DOWN DRAIN PER DETAIL SHEET 12
- I/DT** INSTALL DOWN DRAIN TO PARKWAY DRAIN TRANSITION PER DETAIL SHEET 13
- I/BD** INSTALL BROW DITCH PER DETAIL SHEET 12


Underground Service Alert
SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK NO. G7-F3
LOCATION:
TOP EDGE OF MOST SOUTHERLY CORNER OF LARGE CONCRETE VAULT AT NORTHWESTERLY CORNER OF ARLINGTON AVENUE AND ALESSANDRO BOULEVARD.
ELEV. 1135.110

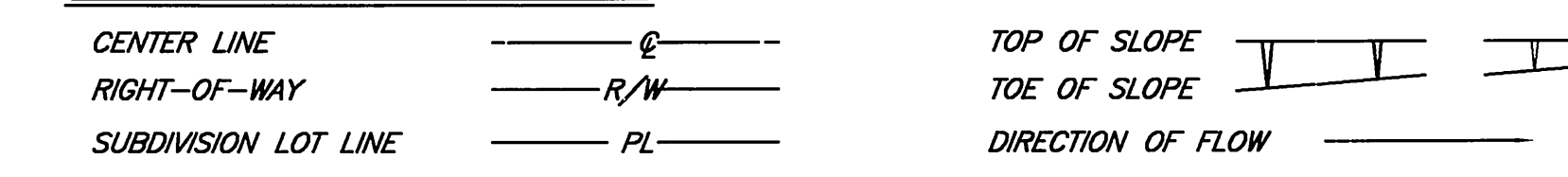

RIVERSIDE CALIFORNIA
 PUBLIC WORKS DEPARTMENT
ALESSANDRO BOULEVARD
STREET IMPROVEMENTS
ARLINGTON AVENUE TO TRAUTWEIN ROAD



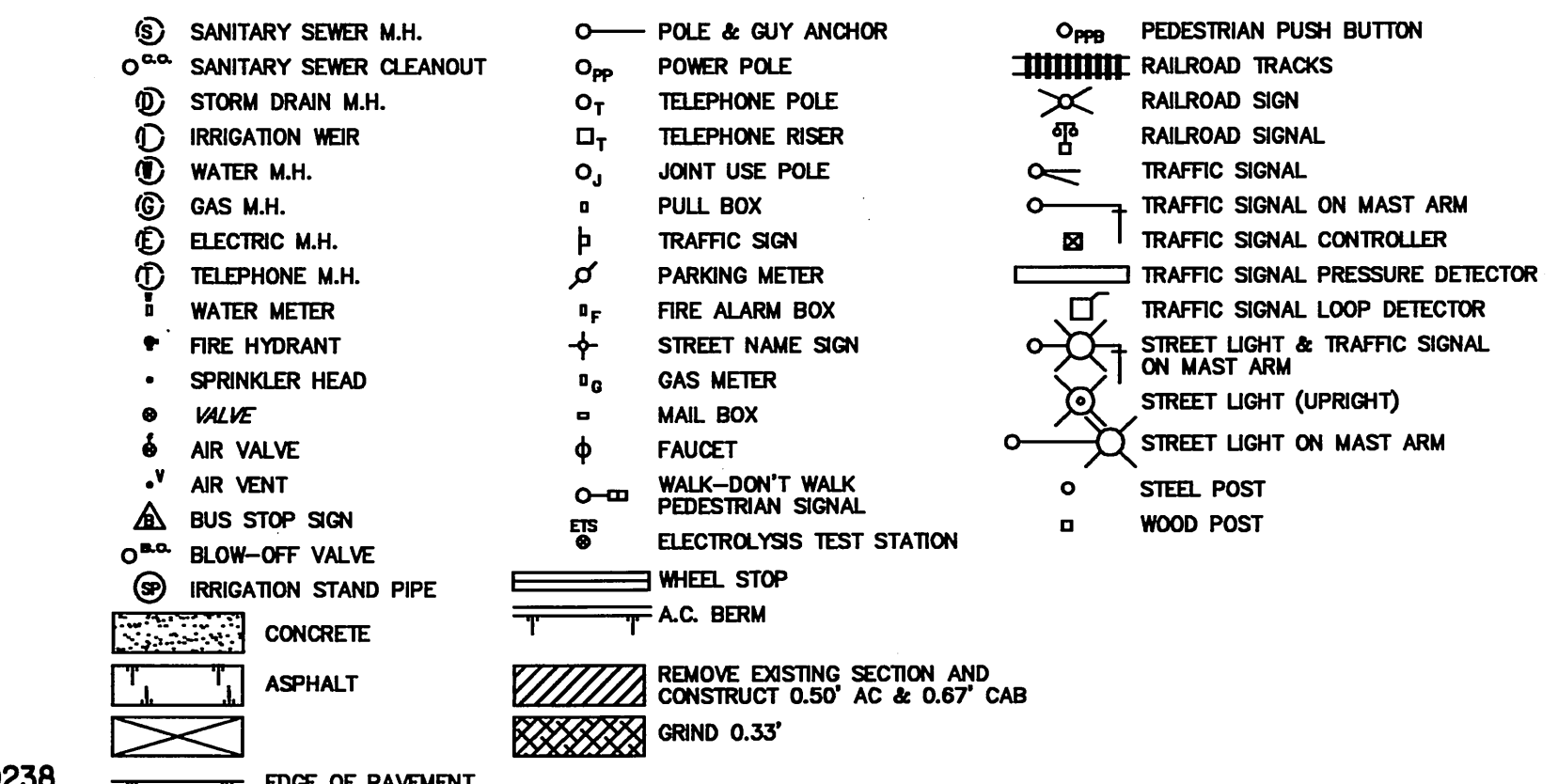
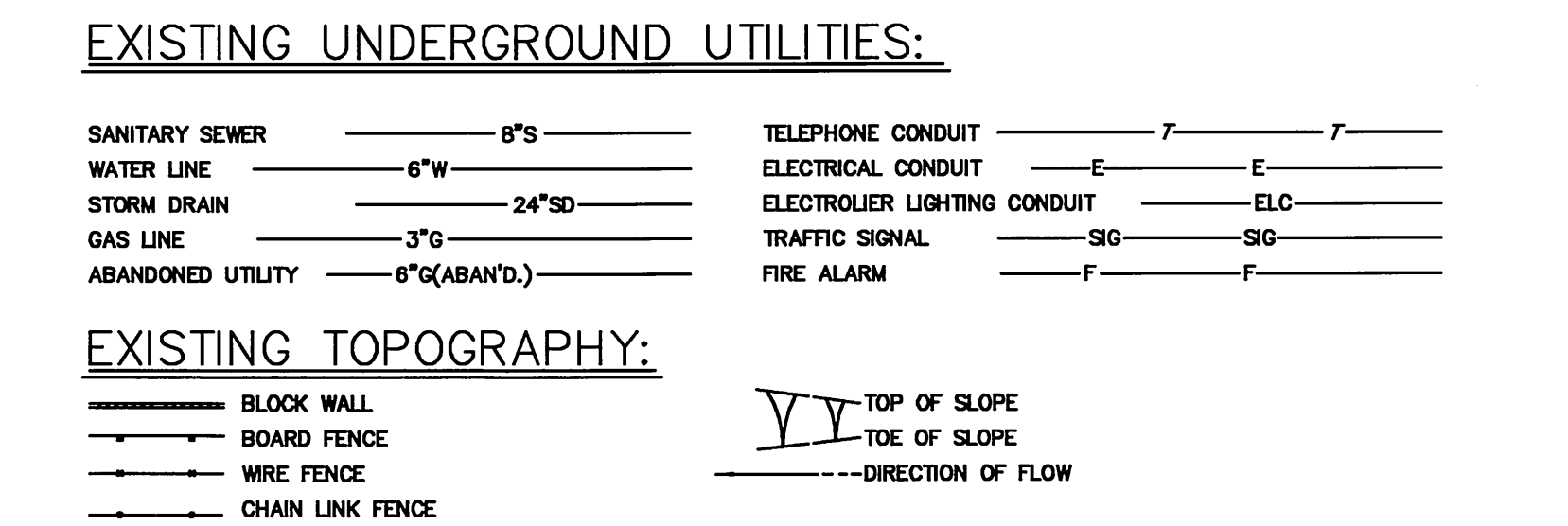
GENERAL CONSTRUCTION NOTES

- 1 EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS  INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- 2 ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
- 3 PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS "A" LICENSE.
- 4 CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DWGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2006 EDITION.
- 5 TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH STRAIGHT LINE.
- 6 CONTRACTOR SHALL UPON COMPLETION OF PAVEMENT GRADING, CLEAN AND REPAIR ALL ASPHALT CRACKING AS DIRECTED BY CITY.
- 7 CONTRACTOR SHALL GRADE MEDIANS TO CENTER AT 2% MEDIAN SHALL INCLUDE DRAINAGE SWALE. SWALES SHALL DRAIN TO PROPOSED DRAINAGE INLETS.
- 8 CONTRACTOR SHALL POTHOLE ALL EXISTING STORM DRAIN UTILITY CROSSINGS PRIOR TO CONSTRUCTION. POTHOLE DATA SHALL BE PROVIDED TO CITY TO MODIFY PROFILE AS REQUIRED. CONTRACTOR SHALL CONSTRUCT STORM DRAINS AS DIRECTED BY CITY.
- 9 FOR ALL AREAS WHERE NEW PARKWAY CURB AND GUTTER IS CONSTRUCTED, CONTRACTOR SHALL REMOVE EXISTING VEGETATION AND GRADE AREAS AS REQUIRED TO COMPLETE IMPROVEMENTS. FILL SLOPES SHALL BE GRADED AT A 2 HORIZONTAL TO 1 VERTICAL (2:1) MAXIMUM AND CUT SLOPES SHALL BE GRADED AT A 1 HORIZONTAL TO 1 VERTICAL (2:1) MAXIMUM. ALL GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERS REQUIREMENTS, INCLUDING BENCHING, KEYING, COMPACTING, MOISTURIZING AND FINISHING.
- 10 EARTHWORK QUANTITIES:
TOTAL CUT: 18,000 C.Y.
TOTAL FILL: 5,000 C.Y.
NET EXPORT: 13,000 C.Y.

CONSTRUCTION LEGEND



EXISTING UNDERGROUND & TOPOGRAPHY LEGEND



PW09-0238
ALL REVISIONS INDICATED AS PREPARED UNDER DIRECTION OF *Matthew C. Hicks* DATE *7-16-09*
MATTHEW C. HICKS DATE
RCE NO. 63494 EXP. 09/30/10
RF CONSULTING
3300 E. GUASTI RD. SUITE 100
ONTARIO, CALIFORNIA 91761
909.974.4900 • FAX 909.390.9817 • www.RF.com
CITY OF RIVERSIDE TAX ID #52008 EXP. 12/04/2009



TKE ENGINEERING
TKE ENGINEERING, INC.
4446 CENTRAL AVENUE
RIVERSIDE, CA 92506
(951) 680-0440
FAX (951) 680-0490
Michael Patrick Thornton 9/18/06
MICHAEL PATRICK THORNTON R.C.E. No. 44226
EXPIRES: 6-30-07

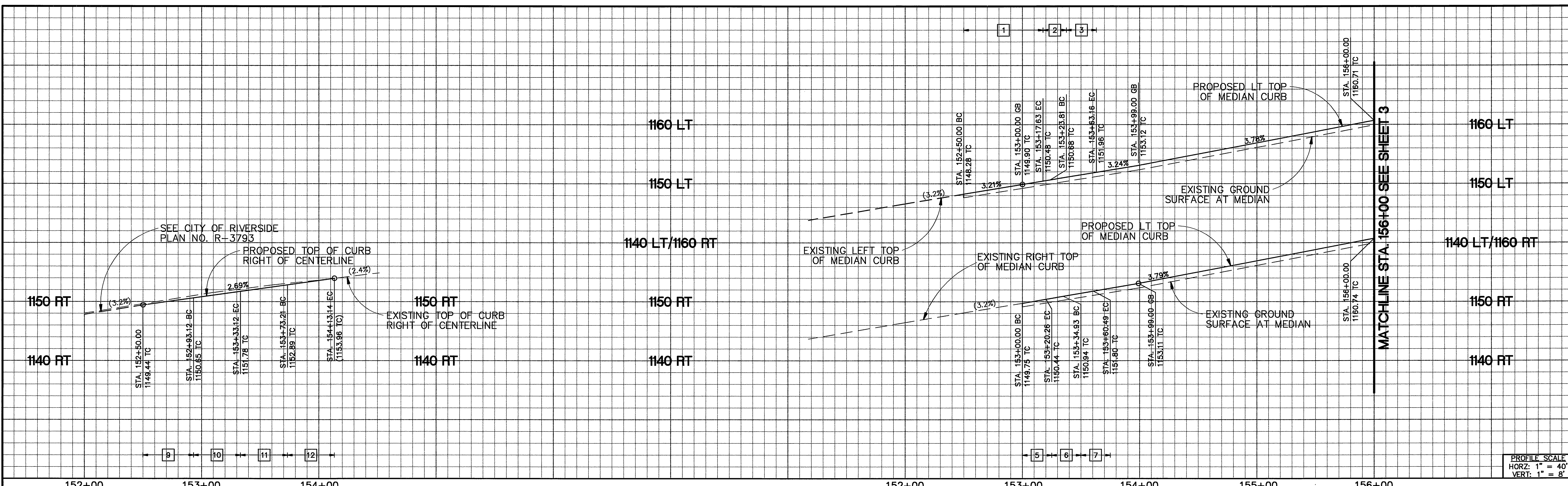


APPROVED BY: *[Signature]* DATE: *9/18/06*
CITY ENGINEER
DESIGNED BY: TMR DRAWN BY: CAB CHECKED BY: MPT

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

STREET IMPROVEMENTS TITLE SHEET
ALESSANDRO BOULEVARD
ARLINGTON AVENUE/TRAUTWEIN ROAD
ACCY. NO. **R-3896**
SHEET **1** OF **46**
HORIZ. SCALE: N/A VERT. SCALE: N/A

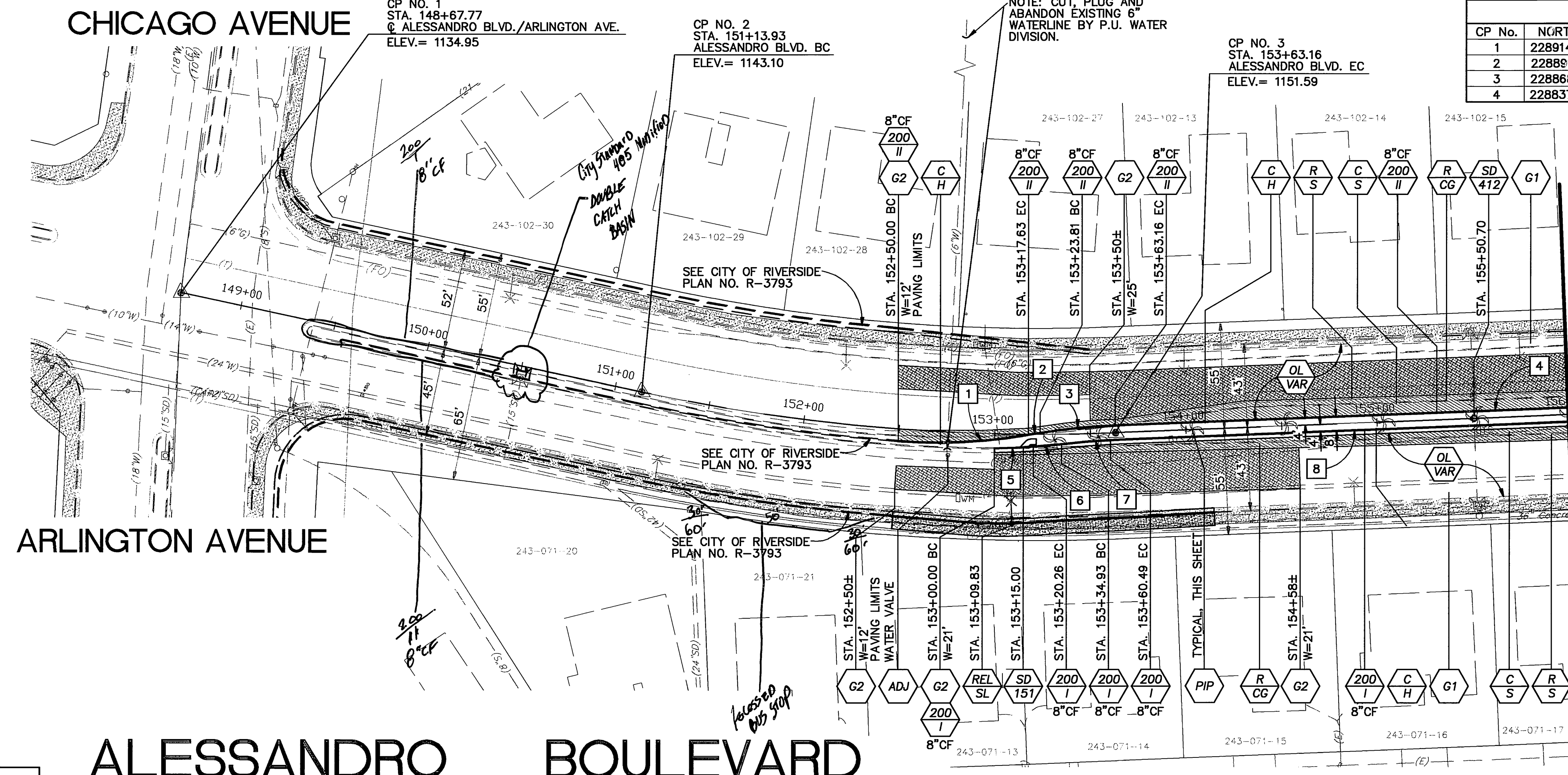
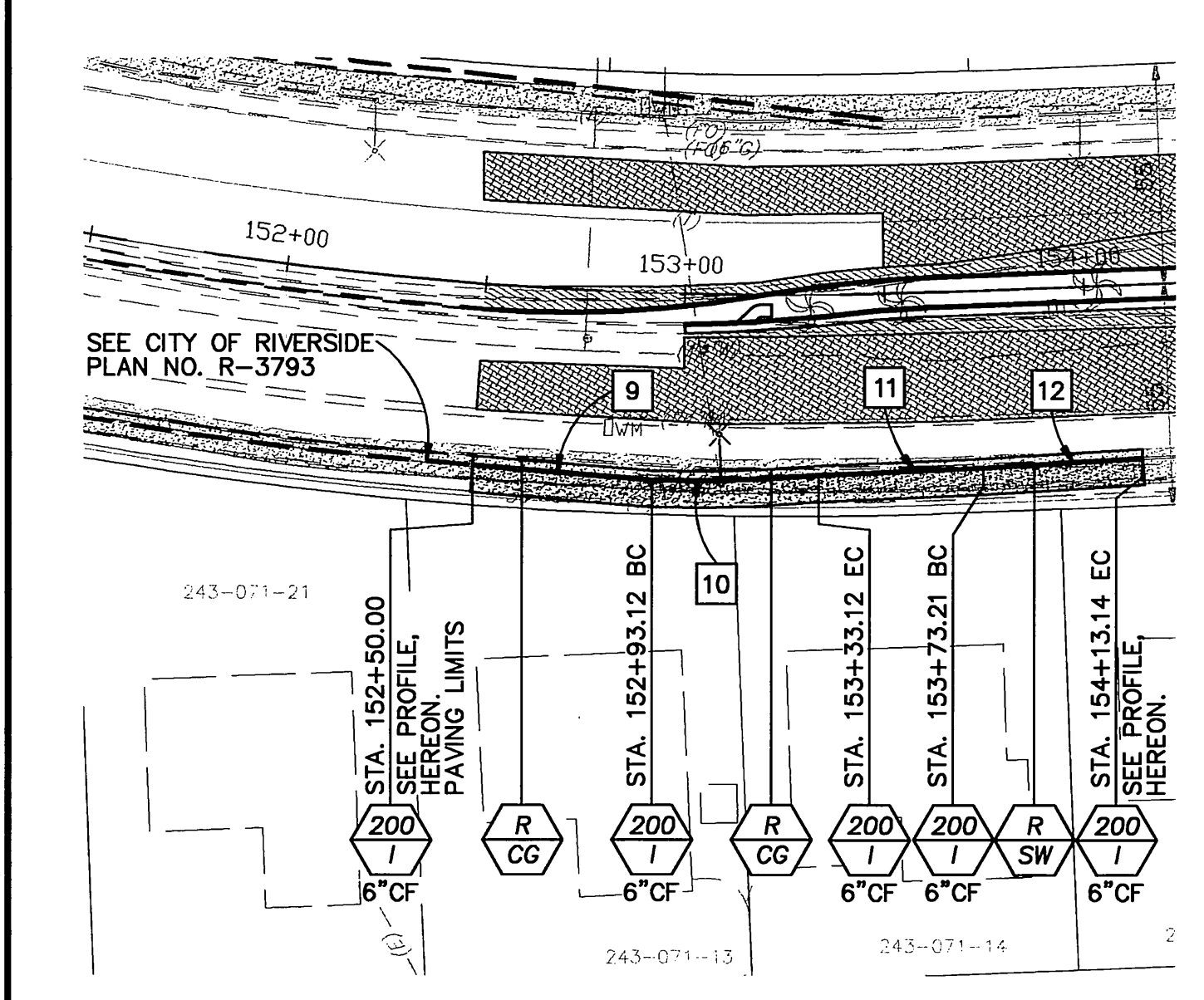
As-Built 1/31/07 INDEXED 10-02-06 left



152+00 153+00 154+00

152+00 153+00 154+00 155+00 156+00

PROFILE SCALE
HORZ: 1" = 40'
VERT: 1" = 8'



SURVEY CONTROL TABLE:

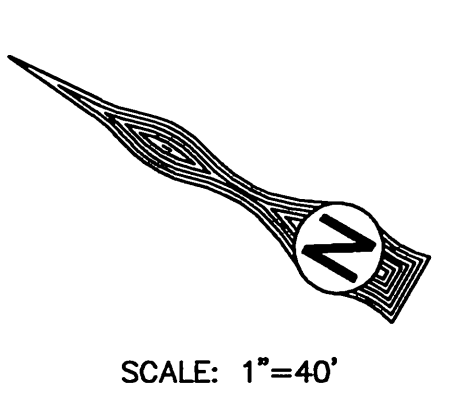
CP No.	NORTHING	EASTING	BEARING	DISTANCE
1	2289146.587	6226718.813	S17°57'21"E	246.16'
2	2288687.312	6226794.701	S25°06'15"W	248.58'
3	2288687.312	6226900.165	S32°15'08"E	370.95'
4	2288373.597	6227098.122		

CURVE/LINE TABLE

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	S13°57'58"	280.00'	68.25'	34.30'
2	N38°46'55"W	---	6.25'	---
3	07°15'13"	290.17'	39.40'	18.39'
4	S32°15'08"E	---	239.50'	---
5	04°08'05"	280.00'	20.44'	10.11'
6	N34°29'30"W	---	14.80'	---
7	05°15'57"	280.00'	25.73'	12.88'
8	S32°15'08"E	---	239.53'	---
9	S25°18'29"E	---	45.10'	---
10	06°51'12"	350.00'	41.88'	20.96'
11	S32°40'02"E	---	41.43'	---
12	01°21'07"	1692.44'	39.93'	19.97'

CHICAGO AVENUE
ARLINGTON AVENUE
ALESSANDRO BOULEVARD

MATCHLINE STA. 156+00 SEE SHEET 3



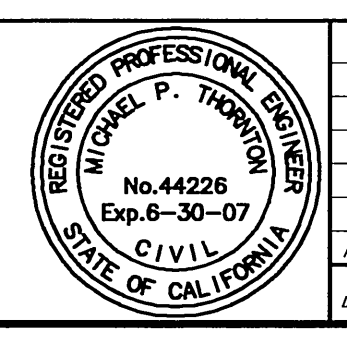
SCALE: 1" = 40'

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TWO WORKING DAYS BEFORE YOU DIG

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ELEV. 1135.110

TKE ENGINEERING
TKE ENGINEERING, INC.
4446 CENTRAL AVENUE
RIVERSIDE, CA 92506
(951) 680-0440
FAX (951) 680-0490

Michael P. Thornton
MICHAEL PATRICK THORNTON R.C.E. No. 44226
EXPIRES: 6-30-07



CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]*
DATE: 4/16/06

DESIGNED BY: TMR DRAWN BY: CAB CHECKED BY: MPT

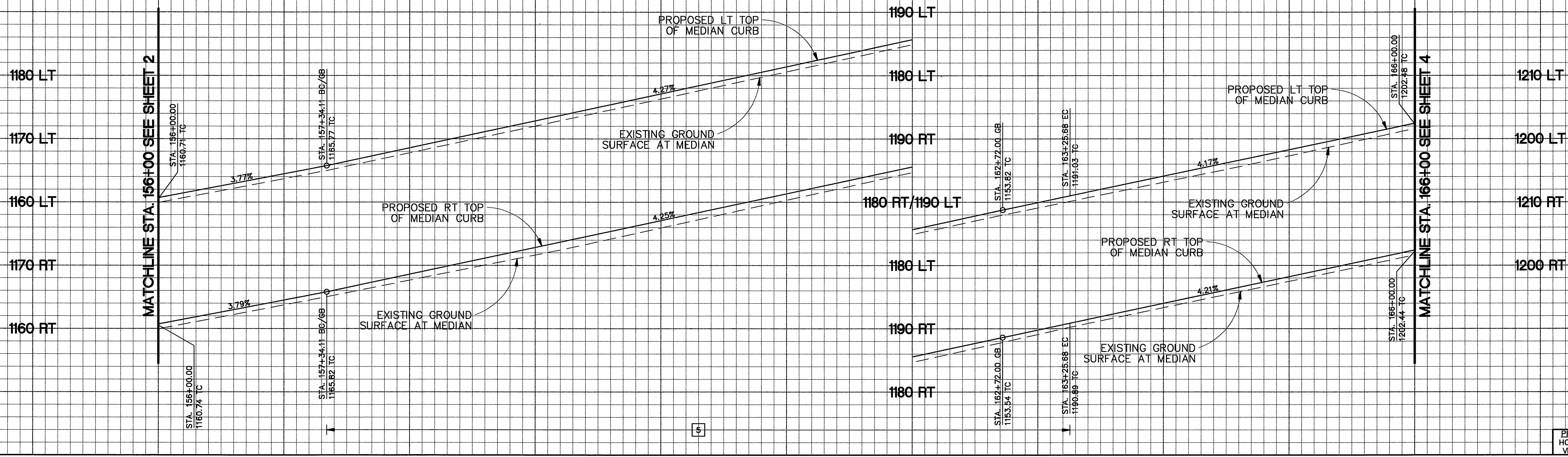
STREET IMPROVEMENTS PLAN/PROFILE SHEET
ALESSANDRO BOULEVARD
ARLINGTON AVENUE/TRAUTWEIN ROAD

ACCY. NO. R-3896
SHEET 2 OF 46

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

As-Built 1/31/07

INDEXED 10-02-06 LH

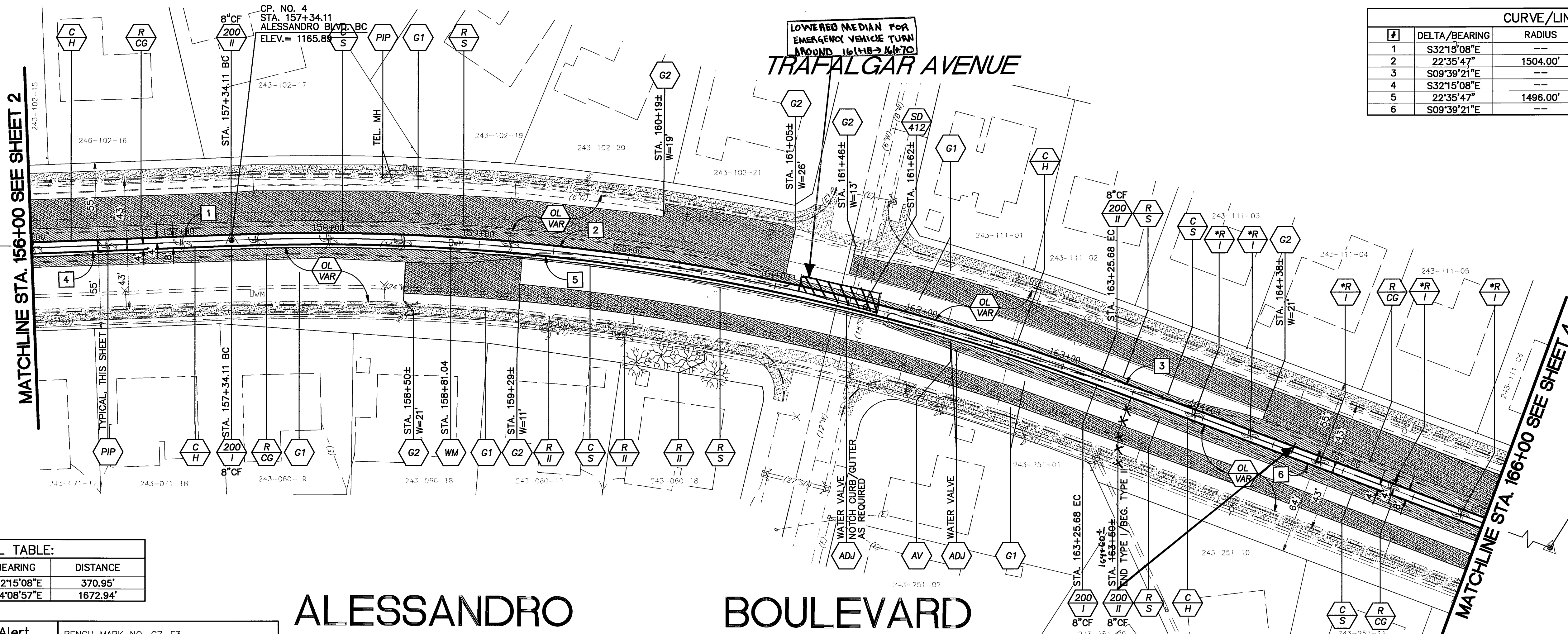


PROFILE SCALE
 HORZ: 1" = 40'
 VERT: 1" = 8'

CURVE/LINE TABLE				
#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	S32°13'08"E	---	134.11'	---
2	22°35'47"	1504.00'	593.15'	300.48'
3	S09°39'21"E	---	274.32'	---
4	S32°15'08"E	---	134.11'	---
5	22°35'47"	1496.00'	589.99'	298.88'
6	S09°39'21"E	---	274.32'	---

CP. NO. 3
 STA. 153+63.16
 ALESSANDRO BLVD. EC
 ELEV. = 1151.59

156+00 157+00 158+00 159+00 160+00 161+00 162+00 163+00 164+00 165+00 166+00



CP. NO. 5
 STA. 174+17.90
 ALESSANDRO BLVD. EC
 ELEV. = 1247.12

SURVEY CONTROL TABLE:				
CP No.	NORTHING	EASTING	BEARING	DISTANCE
3	2288687.312	6226900.165	S32°15'08"E	370.95'
4	2288373.597	6227098.122	S14°08'57"E	1672.94'
5	2286751.407	6227507.069		

ALESSANDRO BOULEVARD

SCALE: 1" = 40'

Underground Service Alert
 SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK NO. G7-F3
 LOCATION: TOP EDGE OF MOST SOUTHERLY CORNER OF LARGE CONCRETE VAULT AT NORTHWESTERLY CORNER OF ARLINGTON AVENUE AND ALESSANDRO BOULEVARD.
 ELEV. 1135.110

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Michael Patrick Thornton R.C.E. No. 44226
 EXPIRES: 6-30-07

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]
 DATE: 1/31/07

DESIGNED BY: TMR DRAWN BY: CAB CHECKED BY: MPT

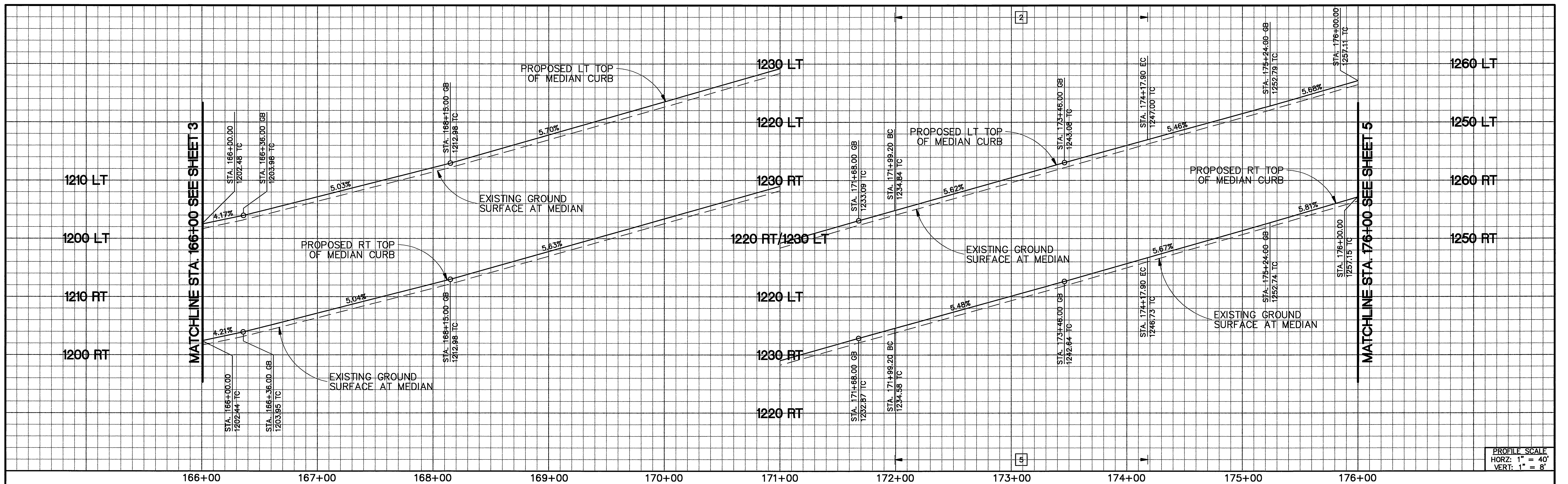
STREET IMPROVEMENTS PLAN/PROFILE SHEET
 ALESSANDRO BOULEVARD
 ARLINGTON AVENUE/TRAUTWEIN ROAD

ACCY. NO. R-3896
 SHEET 3 OF 46

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

AS BUILT 1/31/07

INDEXED 10-02-06 LHL



PROFILE SCALE
 HORZ: 1" = 40'
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166+00 167+00 168+00 169+00 170+00 171+00 172+00 173+00 174+00 175+00 176+00

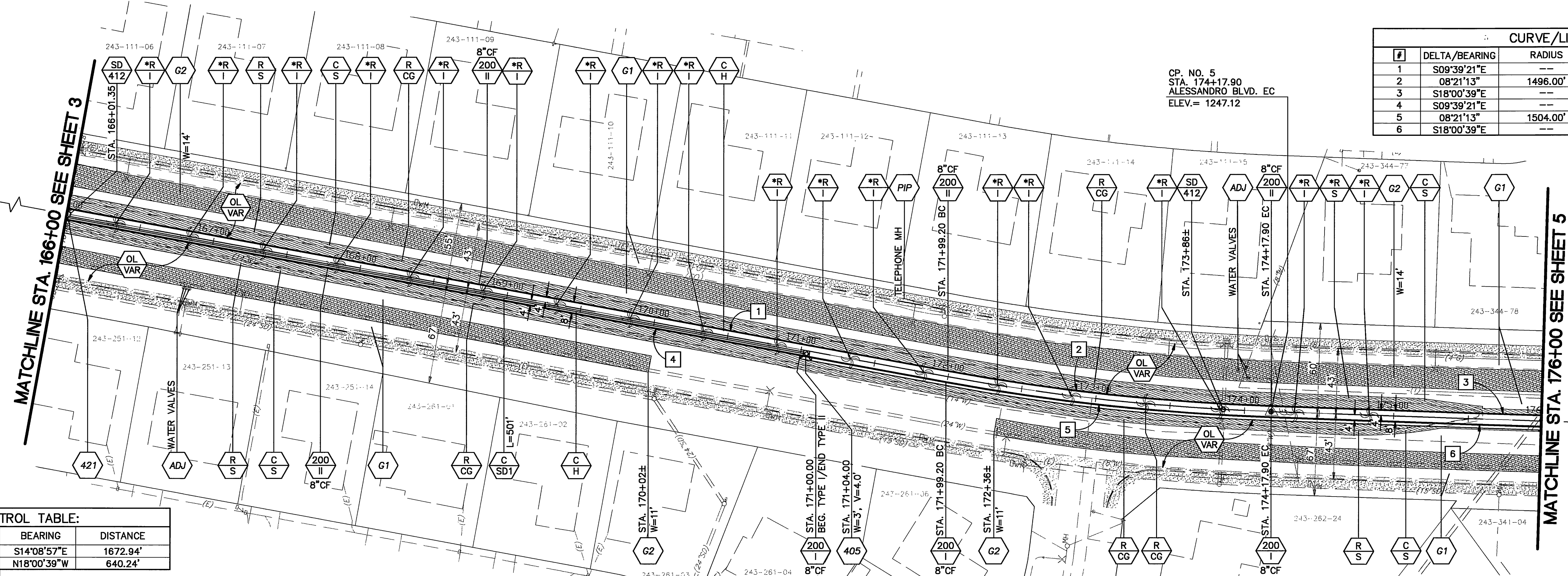
CURVE/LINE TABLE				
#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	S09°39'21"E	---	599.20'	---
2	08°21'13"	1496.00'	218.12'	109.25'
3	S18°00'39"E	---	182.10'	---
4	S09°39'21"E	---	599.20'	---
5	08°21'13"	1504.00'	219.28'	109.84'
6	S18°00'39"E	---	182.10'	---

CP. NO. 4
 STA. 157+34.11
 ALESSANDRO BLVD. BC
 ELEV. = 1165.89

CP. NO. 5
 STA. 174+17.90
 ALESSANDRO BLVD. EC
 ELEV. = 1247.12

CP. NO. 6
 STA. 180+58.14
 ALESSANDRO BLVD./CENTURY AVE.
 ELEV. = 1280.22

SURVEY CONTROL TABLE:				
CP No.	NORTHING	EASTING	BEARING	DISTANCE
4	2288373.597	6227098.122	S14°08'57"E	1672.94'
5	2286751.407	6227507.069	N18°00'39"W	640.24'
6	2286142.543	6227705.028		



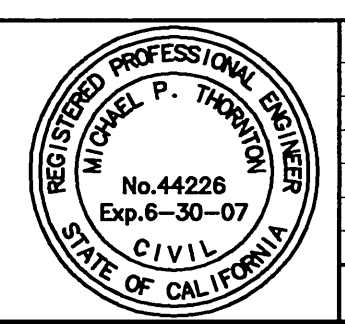
ALESSANDRO BOULEVARD WHITESTONE DRIVE

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mal p. 24x 1/10/06
 MICHAEL PATRICK THORNTON R.C.E. No. 44226
 EXPIRES: 6-30-07



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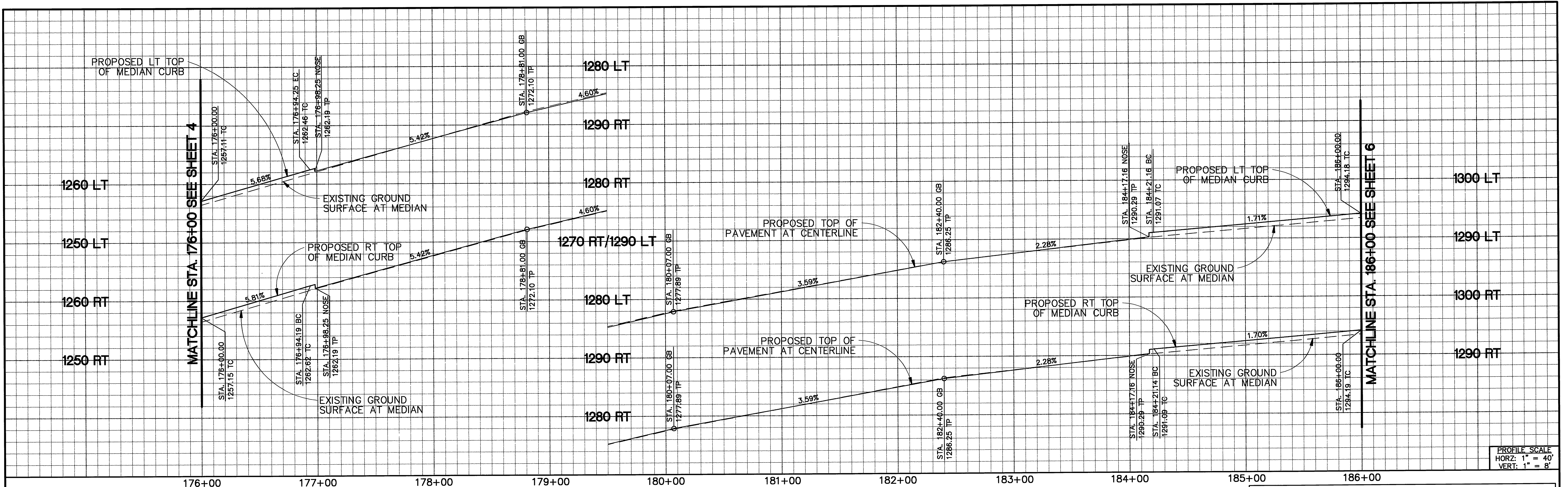
APPROVED BY: *[Signature]*
 DATE: 4/10/06

STREET IMPROVEMENTS
 PLAN/PROFILE SHEET
 ALESSANDRO BOULEVARD
 ARLINGTON AVENUE/TRAUTWEIN ROAD

ACCT. NO. **R-3896**
 SHEET **4** OF **46**

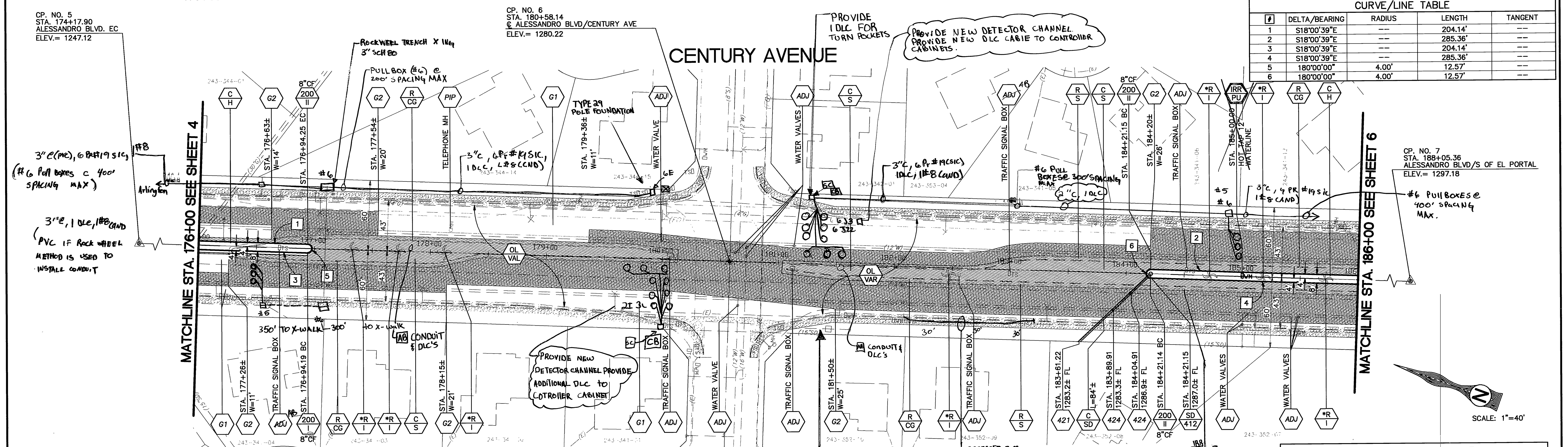
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

INDEXED 10-02-06



PROFILE SCALE
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 VERT: 1" = 8'

CURVE/LINE TABLE				
#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	S18°00'39"E	---	204.14'	---
2	S18°00'39"E	---	285.36'	---
3	S18°00'39"E	---	204.14'	---
4	S18°00'39"E	---	285.36'	---
5	180°00'00"	4.00'	12.57'	---
6	180°00'00"	4.00'	12.57'	---



CP. NO. 7
 STA. 188+05.36
 ALESSANDRO BLVD/S OF EL PORTAL
 ELEV. = 1297.18

#6 PULL BOXES @
 400' SPACING
 MAX.

CP. NO. 5
 STA. 174+17.90
 ALESSANDRO BLVD. EC
 ELEV. = 1247.12

CP. NO. 6
 STA. 180+58.14
 @ ALESSANDRO BLVD/CENTURY AVE
 ELEV. = 1280.22

SURVEY CONTROL TABLE:				
CP No.	NORTHING	EASTING	BEARING	DISTANCE
5	2286751.407	622507.069	N18°00'39"W	640.24'
6	2286142.543	6227705.028	N18°00'39"W	747.22'
7	2285431.932	6227936.069		

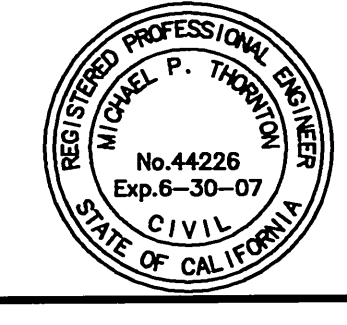
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BENCH MARK NO. G7-3
 LOCATION:
 TOP EDGE OF MOST SOUTHERLY CORNER OF LARGE CONCRETE VAULT AT NORTHWESTERLY CORNER OF ARLINGTON AVENUE AND ALESSANDRO BOULEVARD.
 ELEV. 1135.110

USE PVC CONDUIT FOR SIC
 USE #6 PULL BOXES FOR SIC
 RELOCATE 2 SS' FROM ARLINGTON/ALESSANDRO TO THIS LOCATION

TKE ENGINEERING, INC.
 4446 CENTRAL AVENUE
 RIVERSIDE, CA 92506
 (951) 680-0440
 FAX (951) 680-0490

Michael P. Thornton R.C.E. No. 44226
 EXPIRES: 6-30-07



CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]
 DATE: 4/18/06

DESIGNED BY: TMR DRAWN BY: CAB CHECKED BY: MPT

STREET IMPROVEMENTS
 PLAN/PROFILE SHEET
 ALESSANDRO BOULEVARD
 ARLINGTON AVENUE/TRAUTWEIN ROAD

PROJECT NO. R-3896
 SHEET 5 OF 46

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

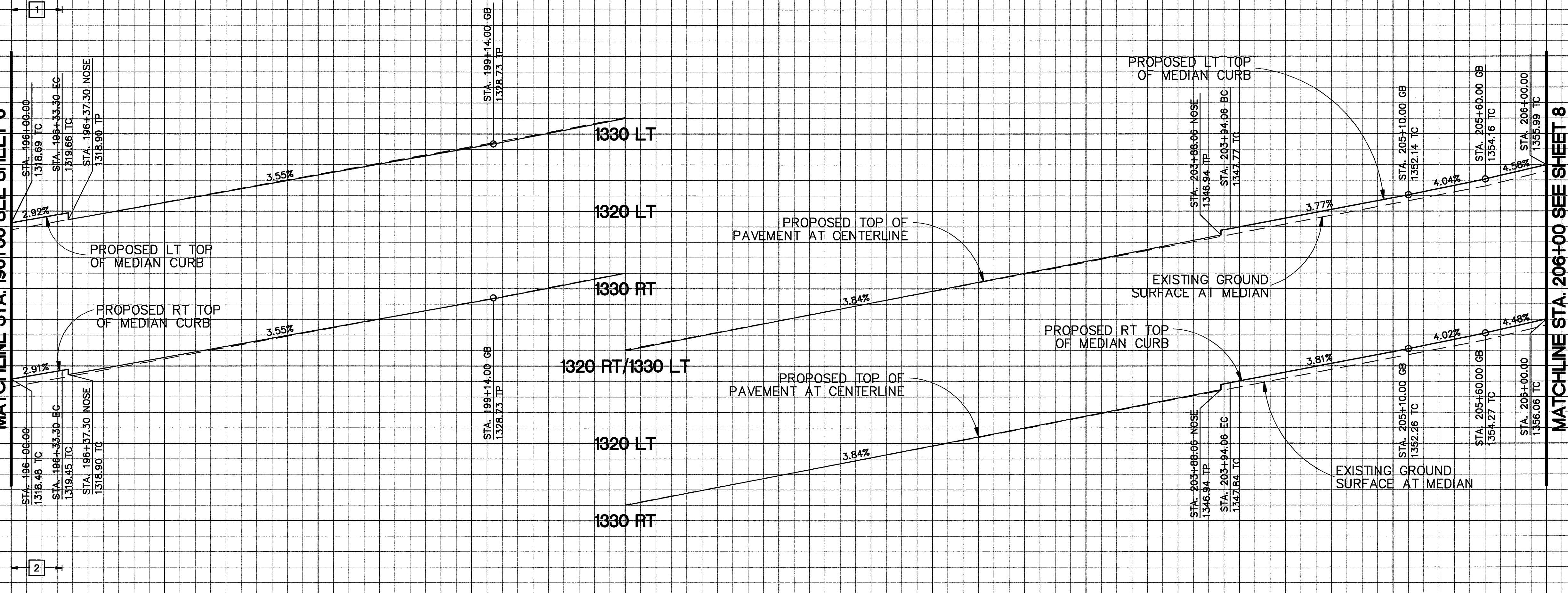
AS BUILT 1/31/07 INDEXED 10-02-06

1320 LT
1310 LT
1320 RT
1310 RT

1360 LT
1350 LT
1360 RT
1350 RT

MATCHLINE STA. 196+00 SEE SHEET 6

MATCHLINE STA. 206+00 SEE SHEET 8

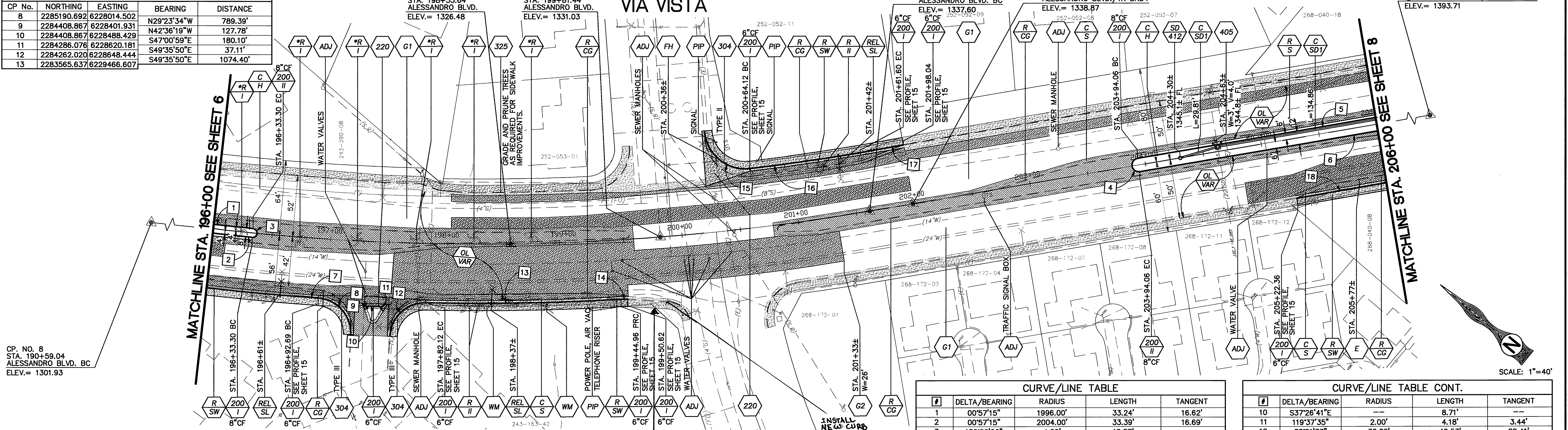


PROFILE SCALE
HORZ: 1" = 40'
VERT: 1" = 8'

SURVEY CONTROL TABLE:

CP No.	NORTHING	EASTING	BEARING	DISTANCE
8	2285190.692	6228014.502	N29°23'34"W	789.39'
9	2284408.867	6228401.931	N42°36'19"W	127.78'
10	2284408.867	6228488.429	S47°00'59"E	180.10'
11	2284286.076	6228620.181	S49°35'50"E	37.11'
12	2284262.020	6228648.444	S49°35'50"E	1074.40'
13	2283565.637	6229466.607	S49°35'50"E	1074.40'

196+00 197+00 198+00 199+00 200+00 201+00 202+00 203+00 204+00 205+00 206+00



CP. NO. 8
STA. 190+59.04
ALESSANDRO BLVD. BC
ELEV. = 1301.93

CP. NO. 13
STA. 212+73.12
ALESSANDRO BLVD/HAWKLEY DR
ELEV. = 1393.71

ALESSANDRO

BOULEVARD

CURVE/LINE TABLE

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	00°57'15"	1996.00'	33.24'	16.62'
2	00°57'15"	2004.00'	33.39'	16.69'
3	180°00'00"	4.00'	12.57'	---
4	180°00'00"	6.00'	18.85'	---
5	S49°35'50"E	---	205.94'	---
6	S49°35'50"E	---	205.94'	---
7	02°39'19"	2050.00'	95.00'	47.57'
8	88°34'44"	30.00'	46.38'	29.26'
9	109°47'44"	2.00'	3.83'	2.85'

CURVE/LINE TABLE CONT.

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
10	S37°26'41"E	---	8.71'	---
11	119°37'35"	2.00'	4.18'	3.44'
12	88°51'33"	30.00'	46.53'	29.41'
13	04°39'54"	2050.00'	166.91'	83.50'
14	06°39'57"	50.00'	5.82'	2.91'
15	92°22'07"	35.00'	56.42'	36.48'
16	02°47'33"	1950.00'	95.04'	47.53'
17	S50°03'32"E	---	37.33'	---
18	S49°35'50"E	---	77.64'	---

Underground Service Alert
SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK NO. G7-F3
LOCATION: TOP EDGE OF MOST SOUTHERLY CORNER OF LARGE CONCRETE VAULT AT NORTHWESTERLY CORNER OF ARLINGTON AVENUE AND ALESSANDRO BOULEVARD.
ELEV. 1135.110

TKE
TKE ENGINEERING, INC.
4446 CENTRAL AVENUE
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(951) 680-0440
FAX (951) 680-0490

Michael Patrick Thornton R.C.E. No. 44226
EXPIRES: 6-30-07

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]
DATE: 10/02/06

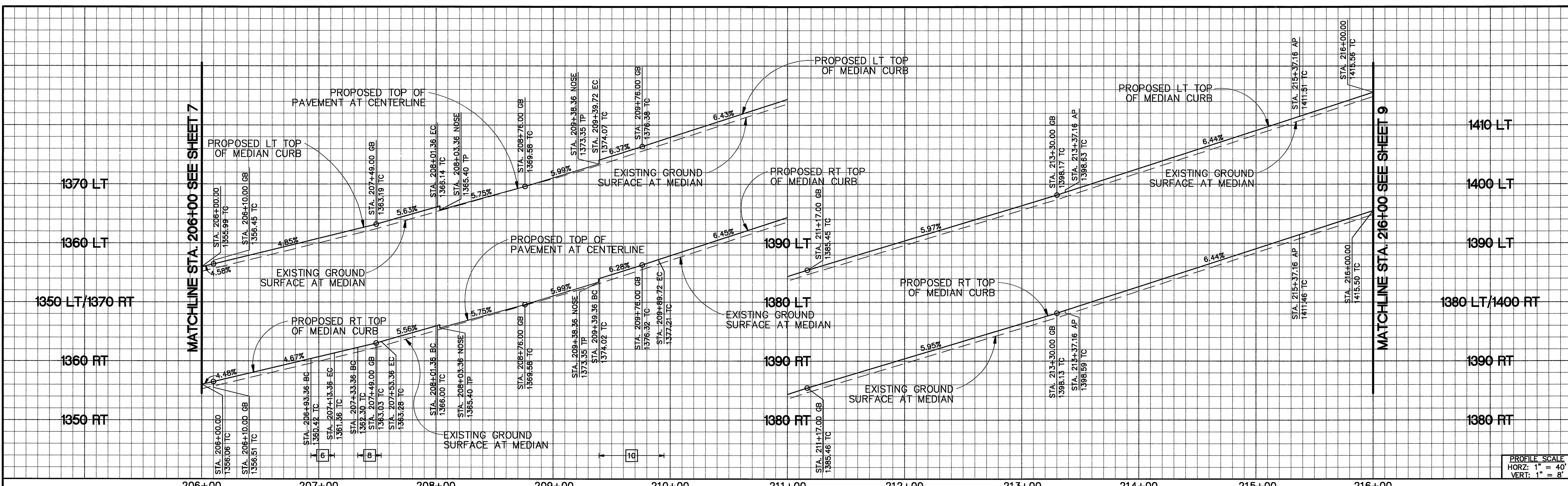
DESIGNED BY: TMR DRAWN BY: CAB CHECKED BY: MPT

STREET IMPROVEMENTS
PLAN/PROFILE SHEET
ALESSANDRO BOULEVARD
ARLINGTON AVENUE/TRAUTWEIN ROAD

ACCY. NO. R-3896
SHEET 7 OF 46

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

INDEXED 10-02-06 Lf



MATCHLINE STA. 206+00 SEE SHEET 7

MATCHLINE STA. 216+00 SEE SHEET 9

SURVEY CONTROL TABLE:

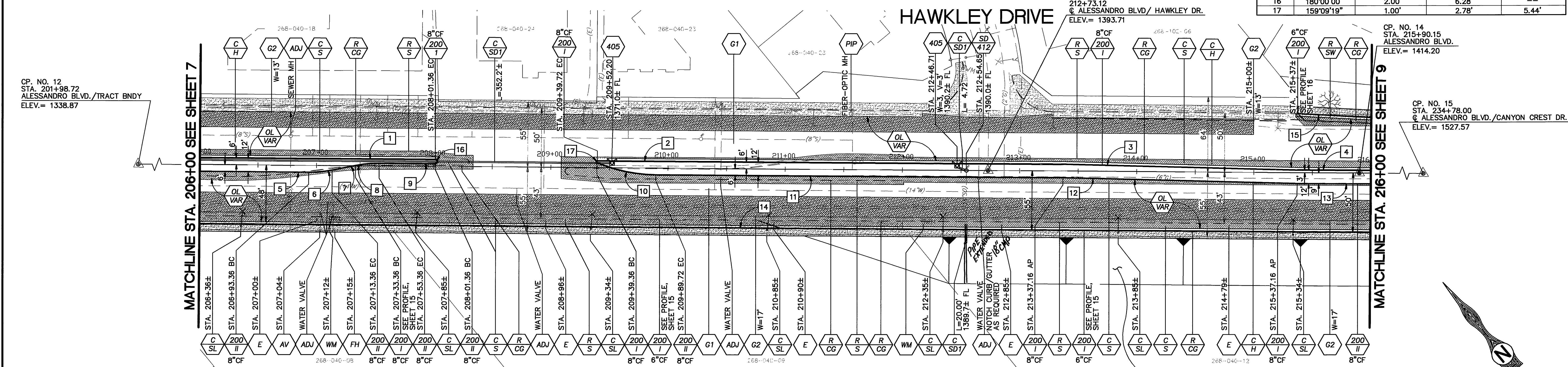
CP. No.	NORTHING	EASTING	BEARING	DISTANCE
12	2284262.020	6228648.444	S49°35'50"E	1074.40'
13	2283565.637	6229466.607	S49°35'50"E	317.03'
14	2283565.637	6229708.023	S49°35'50"E	1887.86'
15	2282136.523	6231145.683	S49°35'50"E	

CURVE/LINE TABLE

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	S49°35'50"E	---	201.36'	---
2	S49°35'50"E	---	397.44'	---
3	S48°35'40"E	---	200.03'	---
4	S49°35'50"E	---	62.84'	---
5	S49°35'50"E	---	93.36'	---
6	11°25'16"	101.00'	20.13'	10.10'
7	S60°51'52"E	---	20.39'	---

CURVE/LINE TABLE (CONT.)

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
8	11°30'33"	100.74'	20.24'	10.15'
9	N49°35'50"W	---	48.00'	---
10	21°47'57"	135.79'	51.66'	26.15'
11	S49°35'50"E	---	347.44'	---
12	N48°35'40"W	---	200.03'	---
13	S49°35'50"E	---	62.84'	---
14	S49°35'50"E	---	1000.00'	---
15	N46°57'49"W	---	62.91'	---
16	180°00'00"	2.00'	6.28'	---
17	159°09'19"	1.00'	2.78'	5.44'



CP. NO. 12
STA. 201+98.72
ALESSANDRO BLVD./TRACT BNDY
ELEV. = 1338.87

CP. NO. 13
212+73.12
ALESSANDRO BLVD./ HAWKLEY DR.
ELEV. = 1393.71

CP. NO. 14
STA. 215+90.15
ALESSANDRO BLVD.
ELEV. = 1414.20

CP. NO. 15
STA. 234+78.00
ALESSANDRO BLVD./CANYON CREST DR.
ELEV. = 1527.57

ALESSANDRO BOULEVARD

GRADE SLOPE PER GENERAL CONSTRUCTION NOTE 9, SHEET 1.

SCALE: 1"=40'

Underground Service Alert
SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK NO. G7-F3
LOCATION: TOP EDGE OF MOST SOUTHERLY CORNER OF LARGE CONCRETE VAULT AT NORTHWESTERLY CORNER OF ARLINGTON AVENUE AND ALESSANDRO BOULEVARD.
ELEV. 1135.110

TKE ENGINEERING
TKE ENGINEERING, INC.
4446 CENTRAL AVENUE
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(951) 680-0440
FAX (951) 680-0490

Michael Patrick Thornton
MICHAEL PATRICK THORNTON R.C.E. No. 44226
EXPIRES: 6-30-17

REGISTERED PROFESSIONAL ENGINEER
No. 44226
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]*
DATE: 4/18/06

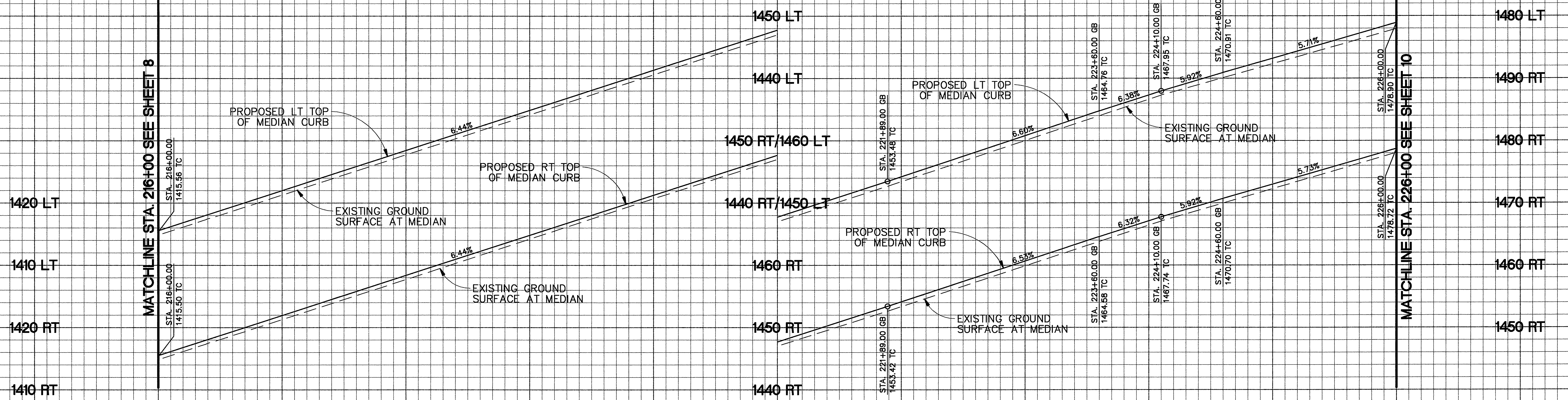
DESIGNED BY: TMR DRAWN BY: CAB CHECKED BY: MPT

STREET IMPROVEMENTS
PLAN/PROFILE SHEET
ALESSANDRO BOULEVARD
ARLINGTON AVENUE/TRAUTWEIN ROAD

ACCT. NO. R-3896
SHEET 8 OF 46

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

INDEXED 10-02-06 LFT

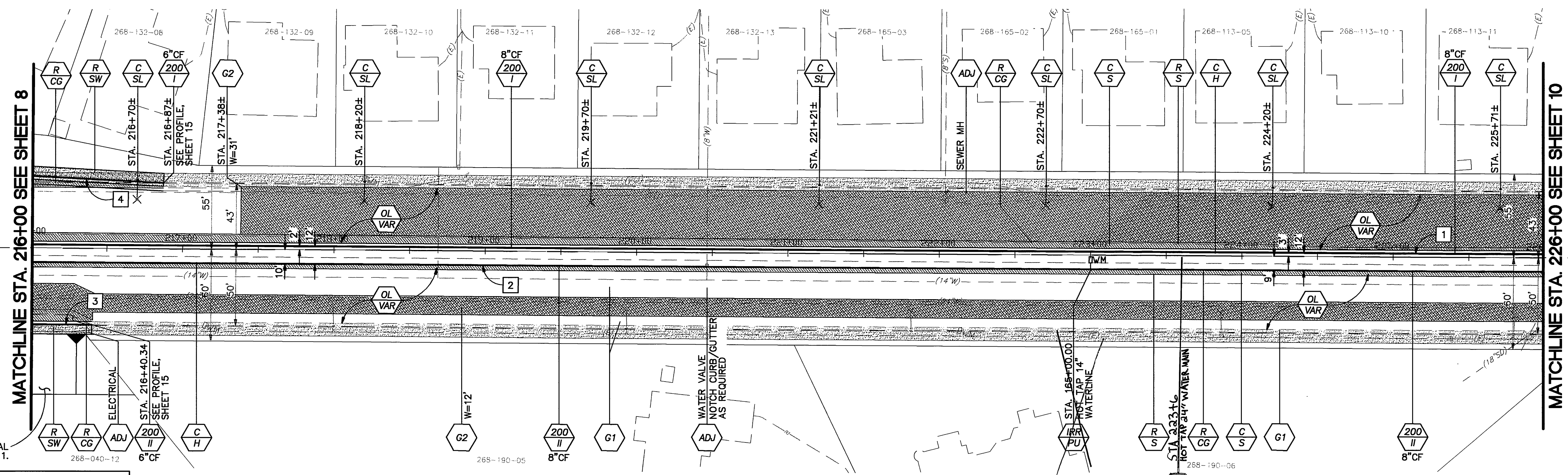


PROFILE SCALE
 HORZ: 1" = 40'
 VERT: 1" = 8'

CURVE/LINE TABLE				
Δ	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	S49°35'50"E	---	1000.00'	---
2	S49°35'50"E	---	1000.00'	---
3	S49°35'50"E	---	42.64'	---
4	N46°57'49"W	---	85.09'	---

CP. NO. 14
 STA. 215+90.15
 ALESSANDRO BLVD.
 ELEV.= 1414.20

CP. NO. 15
 STA. 234+78.00
 @ ALESSANDRO BLVD/CANYON CREST DR
 ELEV.= 1500.46



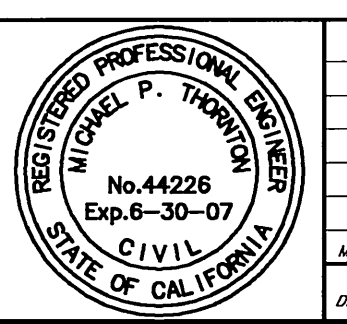
SURVEY CONTROL TABLE:				
CP No.	NORTHING	EASTING	BEARING	DISTANCE
14	2283360.153	6229708.023	S49d35'50"E	1887.86
15	2282136.523	6231145.638		

Underground Service Alert
 SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK NO. G7-F3
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 TOP EDGE OF MOST SOUTHERLY CORNER OF LARGE CONCRETE VAULT AT NORTHWESTERLY CORNER OF ARLINGTON AVENUE AND ALESSANDRO BOULEVARD.
 ELEV. 1135.110

ALESSANDRO BOULEVARD

TKE ENGINEERING
 TKE ENGINEERING, INC.
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 RIVERSIDE, CA 92506
 (951) 680-0440
 FAX (951) 680-0490
 Michael Patrick Thornton R.C.E. No. 44226
 EXPIRES: 6-30-07



CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]
 DATE: 4/16/06

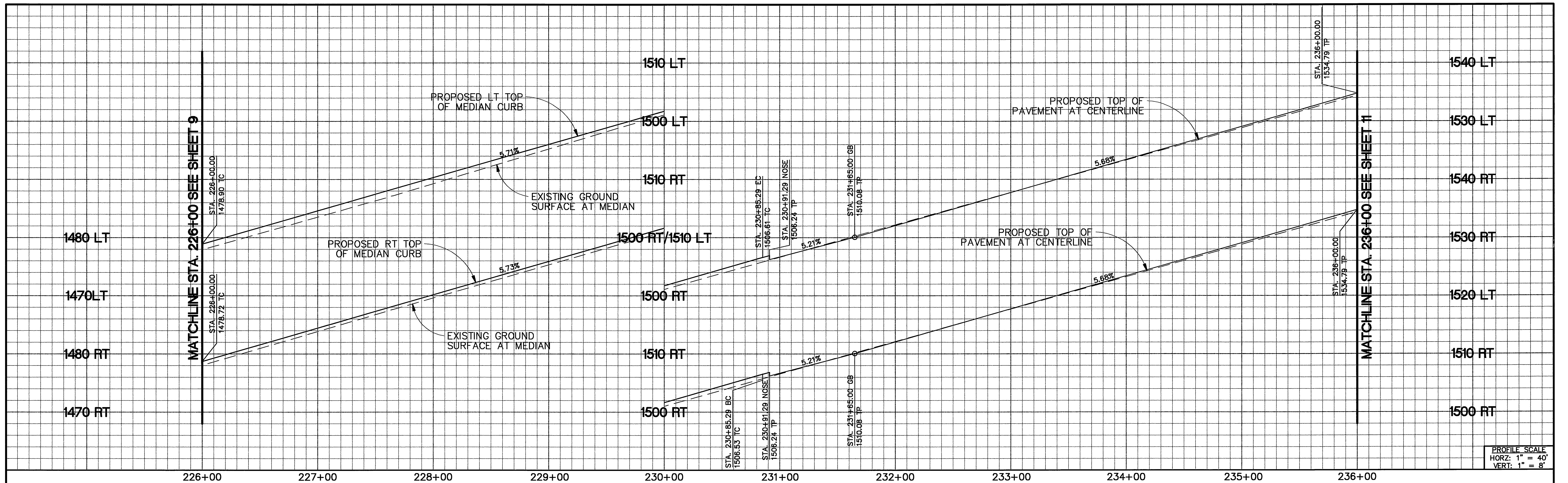
DESIGNED BY: TMR DRAWN BY: CAB CHECKED BY: MPT

STREET IMPROVEMENTS PLAN/PROFILE SHEET
 ALESSANDRO BOULEVARD
 ARLINGTON AVENUE/TRAUTWEIN ROAD

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

ACCY. NO.
R-3896
 SHEET **9** OF **46**

INDEXED 10-02-06 LHT



PROFILE SCALE
 HORZ: 1" = 40'
 VERT: 1" = 8'

CP. NO. 14
 STA. 215+90.15
 @ ALESSANDRO BLVD.
 ELEV. = 1414.20

SURVEY CONTROL TABLE:

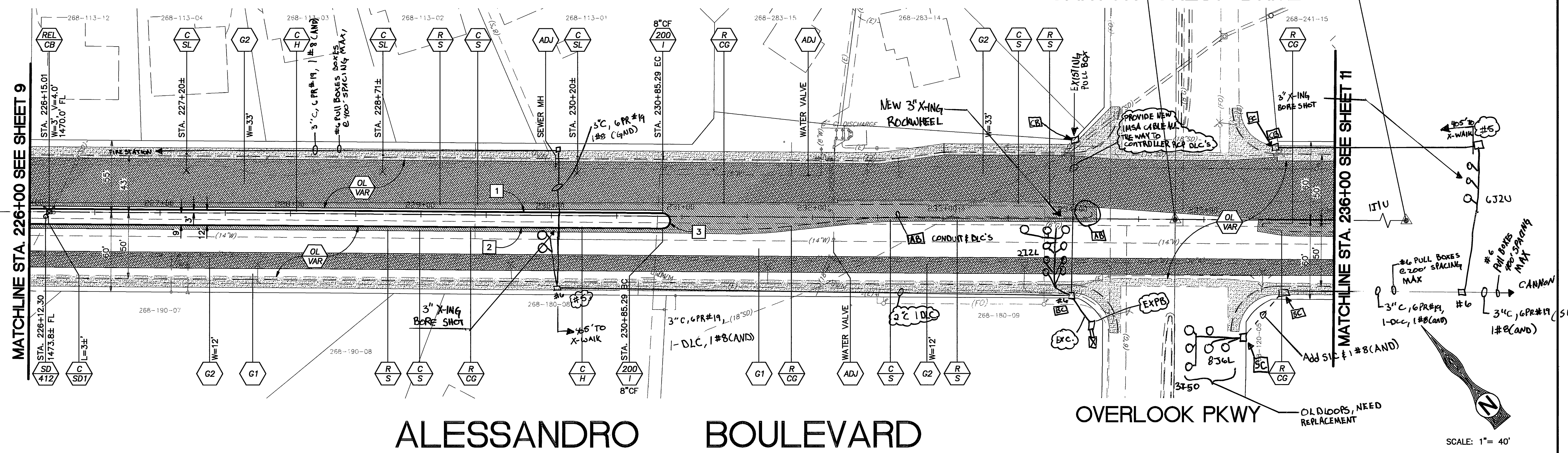
CP No.	NORTHING	EASTING	BEARING	DISTANCE
14	2283360.153	6229708.023	S49°35'50"E	1887.86'
15	2282136.523	6231145.638	S49°35'45"E	1296.92'
16	2281295.892	6232133.229		

CURVE/LINE TABLE

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	S49°35'50"E	--	485.29'	--
2	S49°35'50"E	--	485.29'	--
3	180°00'00"	6.00'	18.85'	--

CP. NO. 15
 STA. 234+78.00
 @ ALESSANDRO BLVD./CANYON CREST DR.
 ELEV. = 1527.57

CP. NO. 16
 STA. 247+74.92
 @ ALESSANDRO BLVD./CANNON RD.
 ELEV. = 1595.94



ALESSANDRO BOULEVARD

OVERLOOK PKWY

CANYON CREST DRIVE

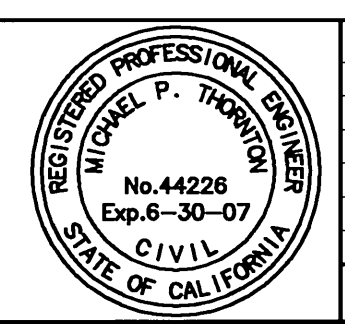
SCALE: 1" = 40'

Underground Service Alert
 SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG

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 ELEV. 1135.110

TKE ENGINEERING
 TKE ENGINEERING, INC.
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Michael P. Thornton
 MICHAEL PATRICK THORNTON R.C.E. No. 44226
 EXPIRES: 6-30-07



CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

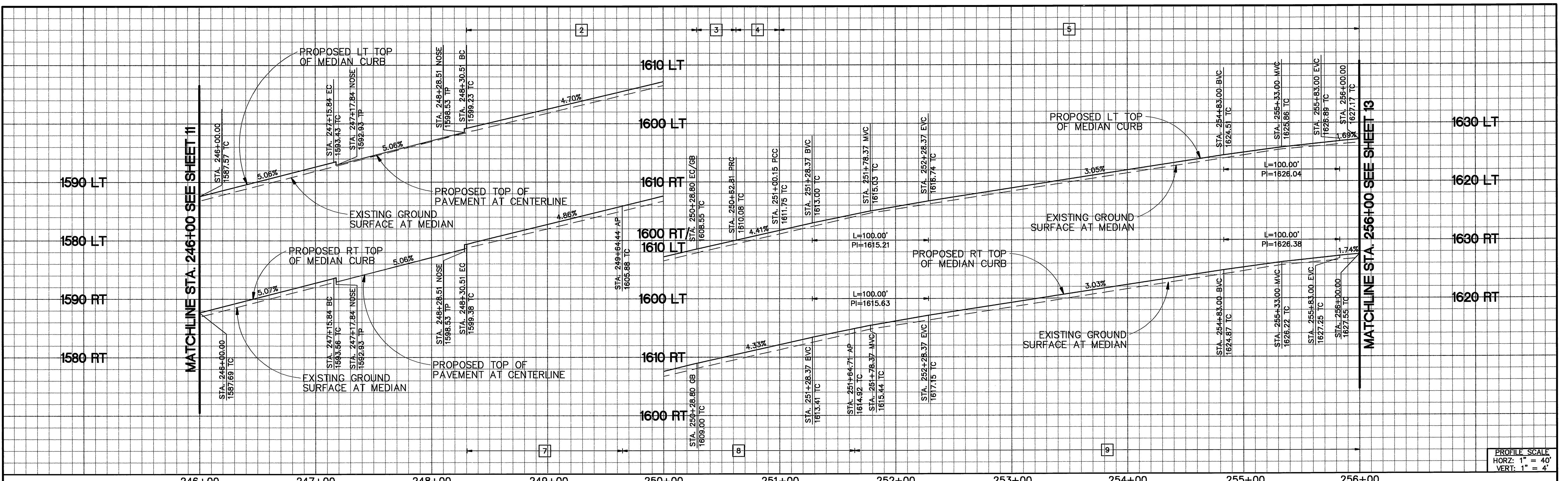
APPROVED BY: *[Signature]*
 DATE: 4/16/06

STREET IMPROVEMENTS PLAN/PROFILE SHEET
ALESSANDRO BOULEVARD
 ARLINGTON AVENUE/TRAUTWEIN ROAD

ACCT. NO. **R-3896**
 SHEET **10** OF **46**

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

INDEXED 10-02-06 lft



PROFILE SCALE
 HORZ: 1" = 40'
 VERT: 1" = 4'

CP. NO. 15
 STA. 234+78.00
 @ ALESSANDRO BLVD./CANYON CREST DR.
 ELEV. = 1527.57

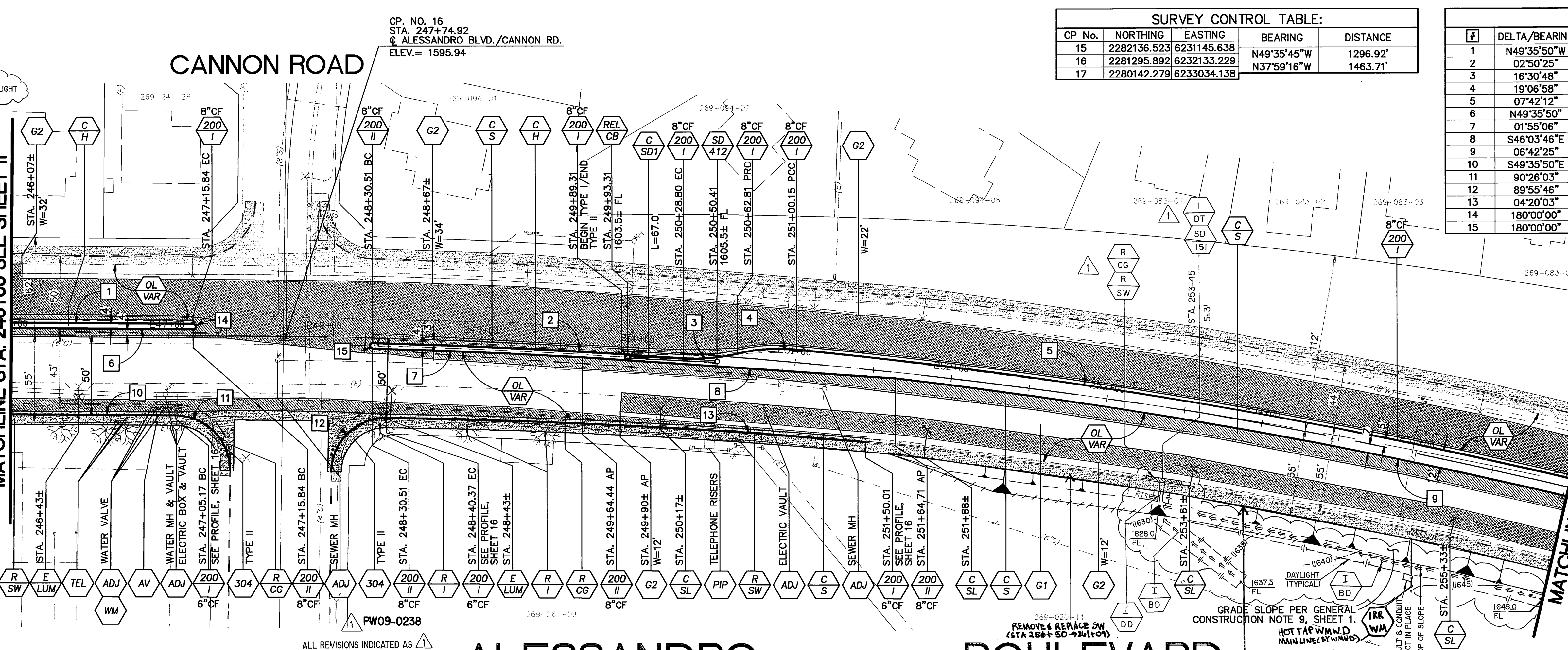
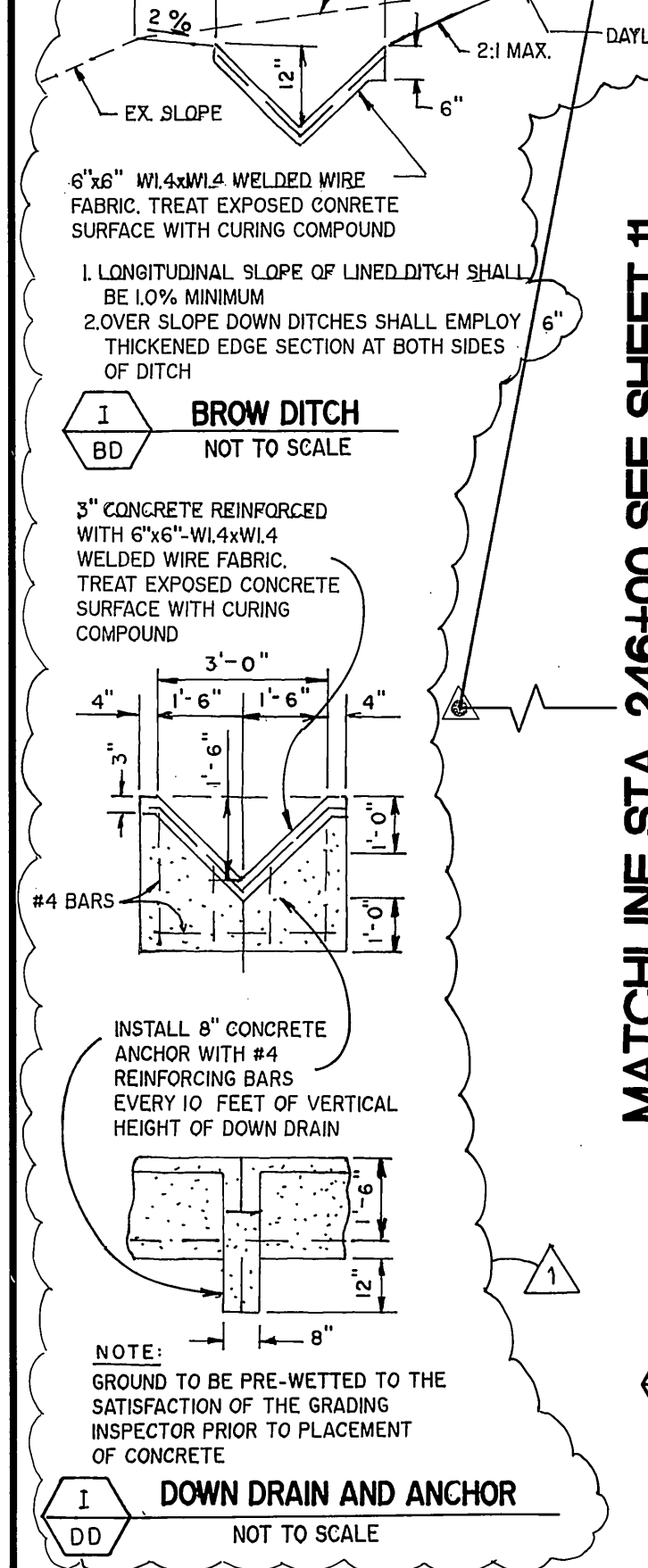
CP. NO. 16
 STA. 247+74.92
 @ ALESSANDRO BLVD./CANNON RD.
 ELEV. = 1595.94

SURVEY CONTROL TABLE:

CP No.	NORTHING	EASTING	BEARING	DISTANCE
15	2282136.523	6231145.638	N49°35'45"W	1296.92'
16	2281295.892	6232133.229	N37°59'16"W	1463.71'
17	2280142.279	6233034.138		

CURVE/LINE TABLE:

F	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N49°35'50"W	---	115.84'	---
2	02°50'25"	3997.00'	198.14'	99.09'
3	16°30'48"	120.00'	34.59'	17.41'
4	19°06'58"	113.94'	38.01'	19.19'
5	07°42'12"	3724.69'	500.79'	250.77'
6	N49°35'50"	---	115.84'	---
7	01°55'06"	3993.00'	133.69'	66.85'
8	S46°03'46"E	---	200.00'	---
9	06°42'25"	3712.69'	434.59'	217.55'
10	S49°35'50"E	---	105.17'	---
11	90°26'03"	35.00'	55.24'	35.27'
12	89°55'46"	35.00'	54.93'	34.96'
13	04°20'03"	4044.46'	305.96'	153.05'
14	180°00'00"	2.00'	6.28'	34.96'
15	180°00'00"	2.00'	6.28'	153.05'



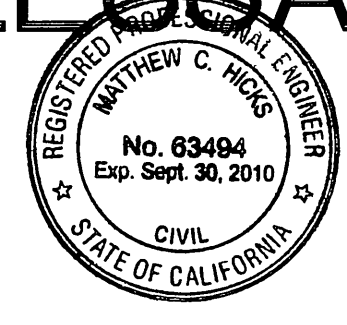
CP. NO. 17
 STA. 262+49.24
 @ ALESSANDRO BLVD.
 ELEV. = 1627.58

Underground Service Alert
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 ELEV. 1135.110

ALL REVISIONS INDICATED AS PREPARED UNDER DIRECTION OF
 MATTHEW C. HICKS DATE 7-16-09
 RCE NO. 63494 EXP. 09/30/10

ALESSANDRO



TKE ENGINEERING, INC.
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MICHAEL PATRICK THORNTON R.C.E. No. 44226
 EXPIRES: 6-30-07

BOULEVARD



CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

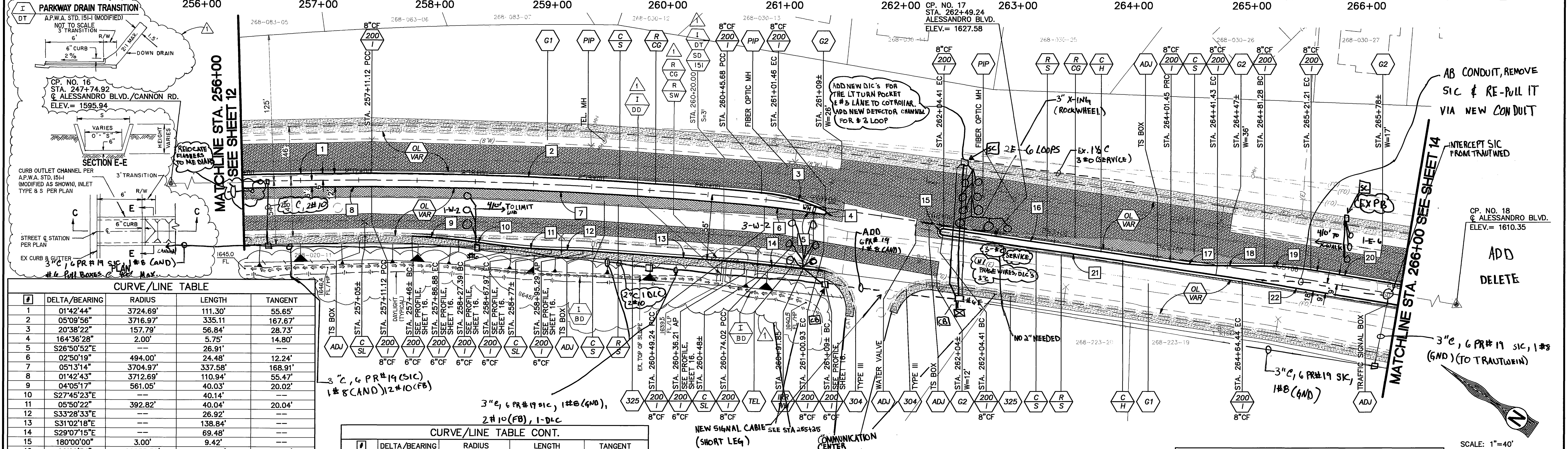
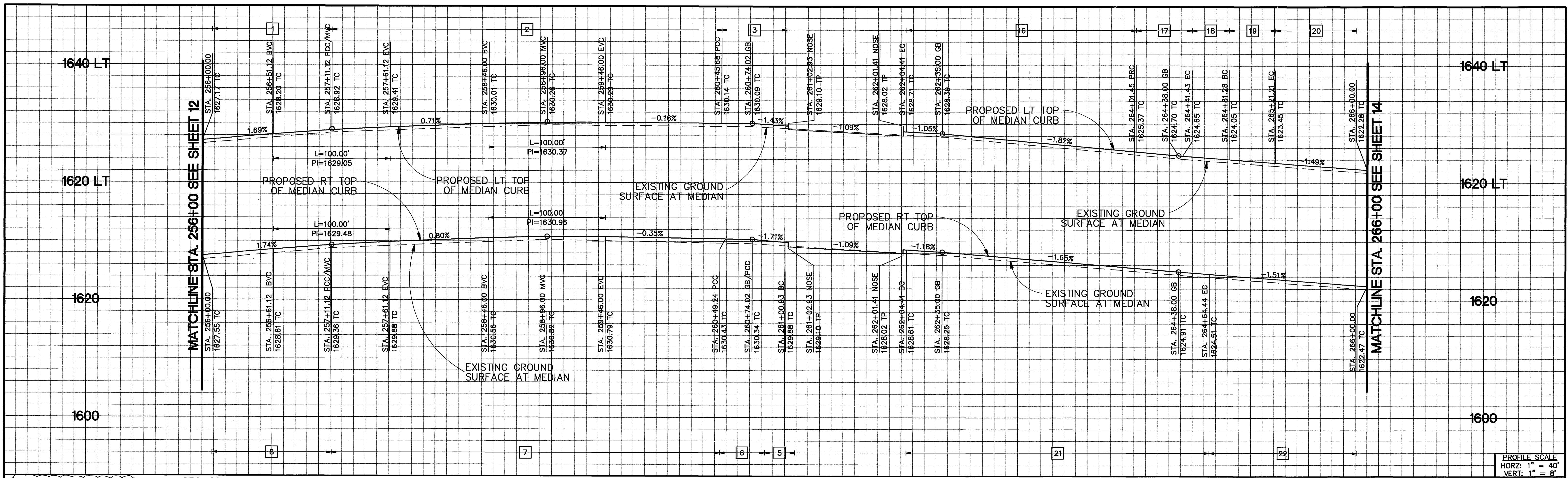
DESIGNED BY: TMR DRAWN BY: CAB CHECKED BY: MPT

APPROVED BY: [Signature]
 DATE: 4/16/09

STREET IMPROVEMENTS PLAN/PROFILE SHEET
 ALESSANDRO BOULEVARD
 ARLINGTON AVENUE/TRAUTWEIN ROAD
 SHEET 12 OF 46

ACC. NO. R-3896
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

INDEXED 10-02-06 LHL



CURVE/LINE TABLE

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	01°42'44"	3724.69'	111.30'	55.65'
2	05°09'56"	3716.97'	335.11'	167.67'
3	20°38'22"	157.79'	56.84'	28.73'
4	164°36'28"	2.00'	5.75'	14.80'
5	S26°50'52"E	---	26.91'	---
6	02°50'19"	494.00'	24.48'	12.24'
7	05°13'14"	3704.97'	337.58'	168.91'
8	01°42'43"	3712.69'	110.94'	55.47'
9	04°05'17"	561.05'	40.03'	20.02'
10	S27°45'23"E	---	40.14'	---
11	05°50'22"	392.82'	40.04'	20.04'
12	S33°28'33"E	---	26.92'	---
13	S31°02'18"E	---	138.84'	---
14	S29°07'15"E	---	69.48'	---
15	180°00'00"	3.00'	9.42'	---
16	00°29'54"	22655.59'	197.00'	98.50'
17	08°31'04"	269.75'	40.10'	20.09'
18	N34°36'00"W	---	40.34'	---
19	08°31'04"	269.75'	40.10'	20.09'

CURVE/LINE TABLE CONT.

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
20	S25°34'55"E	---	78.79'	---
21	00°39'27"	22649.59'	259.93'	129.96'
22	S25°34'55"E	---	135.42'	---

SURVEY CONTROL TABLE:

CP No.	NORTHING	EASTING	BEARING	DISTANCE
16	2281295.892	6232133.229	S37°59'16"E	1463.71
17	2280142.279	6233034.138	S34°22'20"E	1349.81
18	2279028.160	6233796.200	---	---

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ELEV. 1135.110

ALL REVISIONS INDICATED AS PREPARED UNDER DIRECTION OF
MATTHEW C. HICKS
DATE: 7-16-09
RBF CONSULTING
3300 E. GUASTI RD. SUITE 100
ONTARIO, CALIFORNIA 91761
909.974.4900 • FAX 909.390.9817 • www.RBF.com
CITY OF RIVERSIDE TAX ID #52008 EXP. 12/04/2009

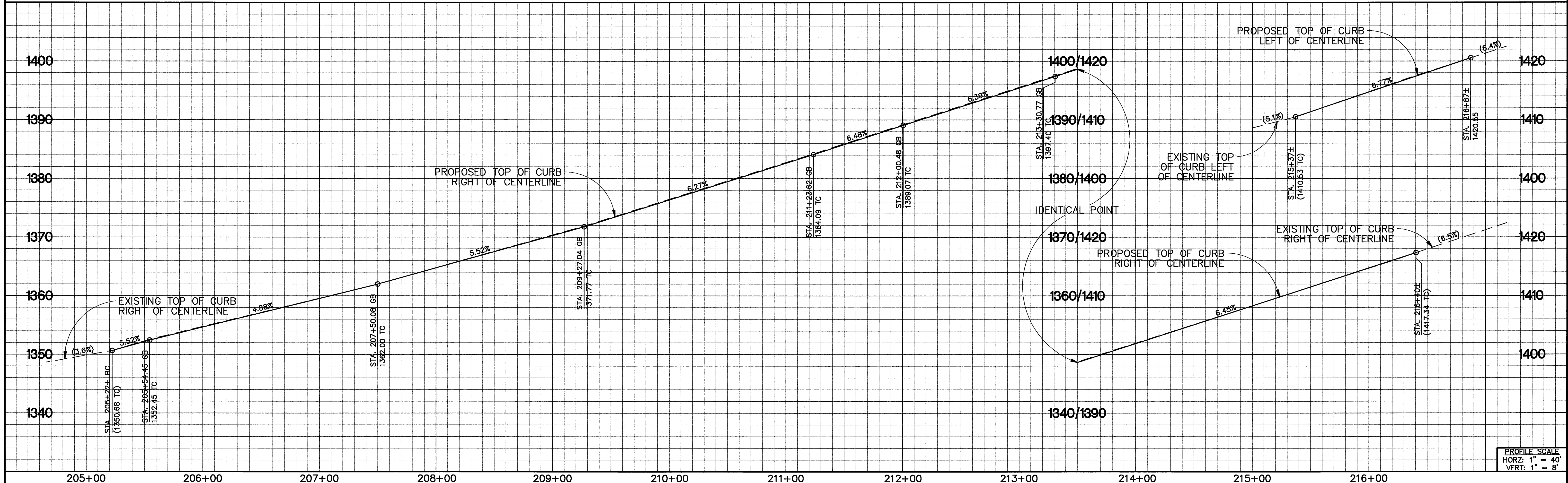
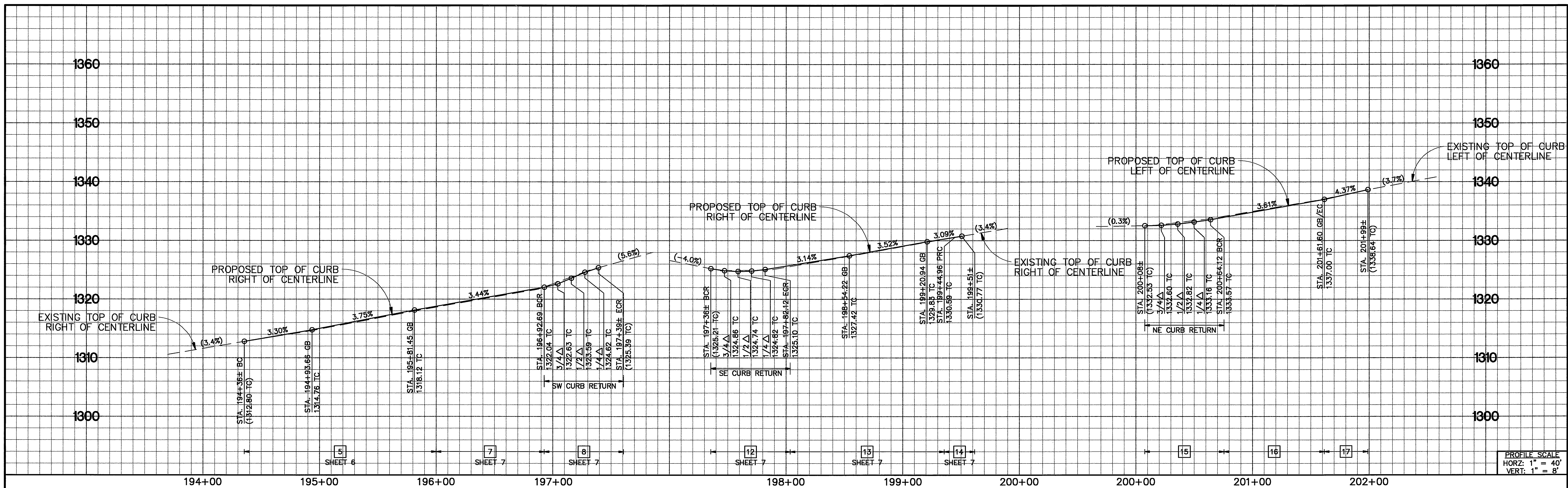
TKE ENGINEERING, INC.
4446 CENTRAL AVENUE
RIVERSIDE, CA 92506
(951) 680-0440
FAX (951) 680-0490
MICHAEL PATRICK THORNTON R.C.E. No. 44226
EXPIRES: 6-30-07

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
DESIGNED BY: TMR DRAWN BY: CAB CHECKED BY: MPT

STREET IMPROVEMENTS PLAN/PROFILE SHEET
ALESSANDRO BOULEVARD
ARLINGTON AVENUE/TRAUTWEIN ROAD
HORZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

ACCT. NO. **R-3896**
SHEET **13** OF **46**

AS BUILT 1/31/07 INDEXED 10-02-06 LFL



Underground Service Alert
SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK NO. G7-F3
LOCATION: TOP EDGE OF MOST SOUTHERLY CORNER OF LARGE CONCRETE VAULT AT NORTHWESTERLY CORNER OF ARLINGTON AVENUE AND ALESSANDRO BOULEVARD.
ELEV. 1135.110

CLIENT: CITY OF RIVERSIDE
TDC JOB # 108-06

TKE ENGINEERING
TKE ENGINEERING, INC.
4446 CENTRAL AVENUE
RIVERSIDE, CA 92506
(951) 680-0440
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MICHAEL PATRICK THORNTON R.C.E. No. 44226
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PROFESSIONAL ENGINEER
MICHAEL P. THORNTON
No. 44226
Exp. 6-30-07
CIVIL
STATE OF CALIFORNIA

DESIGNED BY: TMR
DRAWN BY: CAB
CHECKED BY: MPT

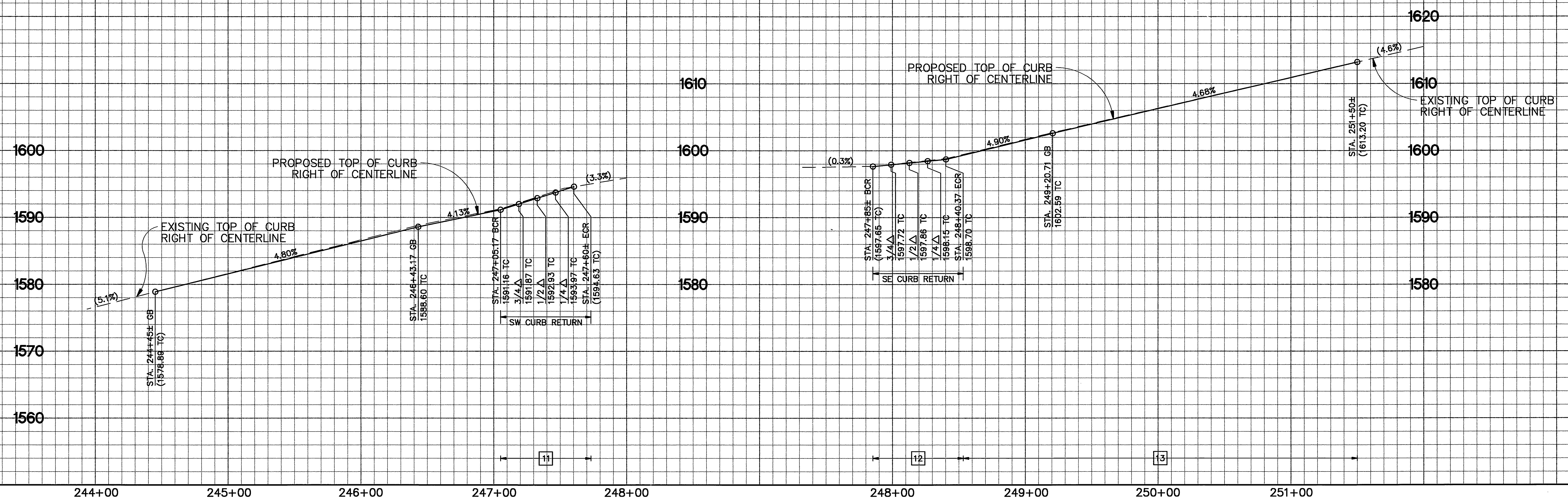
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]
DATE: 4/18/06

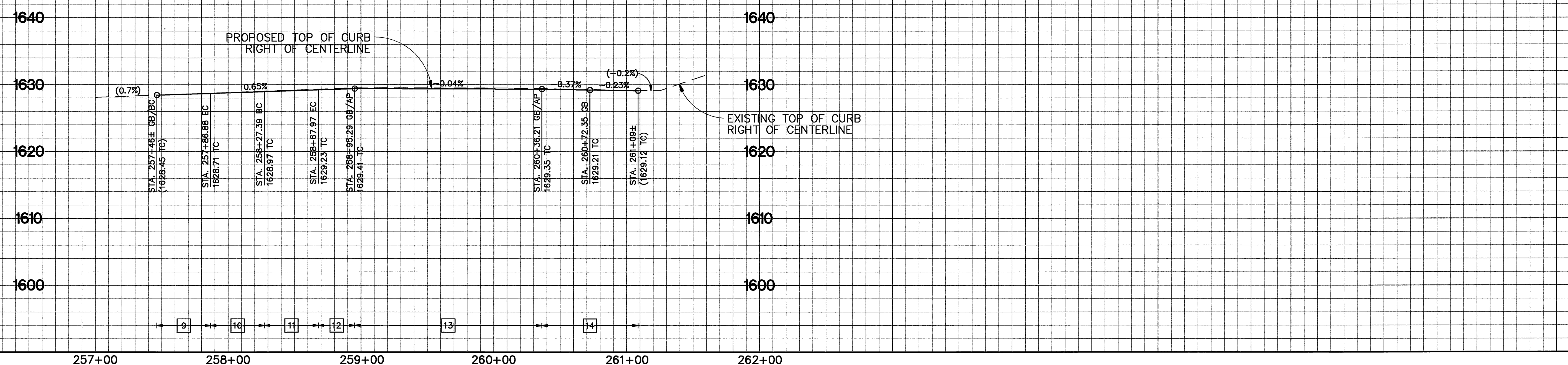
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ALESSANDRO BOULEVARD
ARLINGTON AVENUE/TRAUTWEIN ROAD
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ACCT. NO. R-3896
SHEET 15 OF 46

INDEXED 10-02-06 LFL



PROFILE SCALE
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 VERT: 1" = 8'



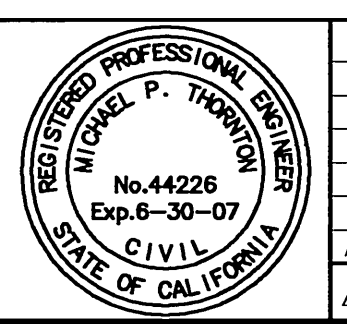
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Michael P. Thornton 4/18/06
 MICHAEL PATRICK THORNTON R.C.E. No. 44226
 EXPIRES: 6-30-07



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 DRAWN BY: CAB
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CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]
 DATE: 4/18/06

STREET IMPROVEMENTS PROFILE SHEET
 ALESSANDRO BOULEVARD
 ARLINGTON AVENUE/TRAUTWEIN ROAD

ACT. NO. R-3896
 SHEET 16 OF 46

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 VERT. SCALE: 1" = 8'

INDEXED 10-02-06 LPH