

CITY OF ALBANY

ALAMEDA COUNTY, CALIFORNIA

PLANS FOR THE CONSTRUCTION OF BUCHANAN BIKEWAY PIERCE STREET TO CORNELL AVENUE

CITY OF ALBANY CONTRACT NO. 09-XX
FEDERAL CONTRACT NO. XXXXXX

CLIENT:
Buchanan Bikeway

FOR
CITY OF ALBANY, CA

1000 SAN PABLO AVENUE
ALBANY, CALIFORNIA 94706
(510) 528-5760

DESIGNER:
AECOM

2101 Webster Street, Suite 1900
Oakland, CA 94612
510-622-6600
510-834-5220

REGISTRATION:



NOTES LEGEND

- # CONSTRUCTION NOTE
- # DETAIL NUMBER PER CALTRANS STANDARD PLANS (MAY 2006)
- G# CURVE NUMBER

GENERAL LEGEND

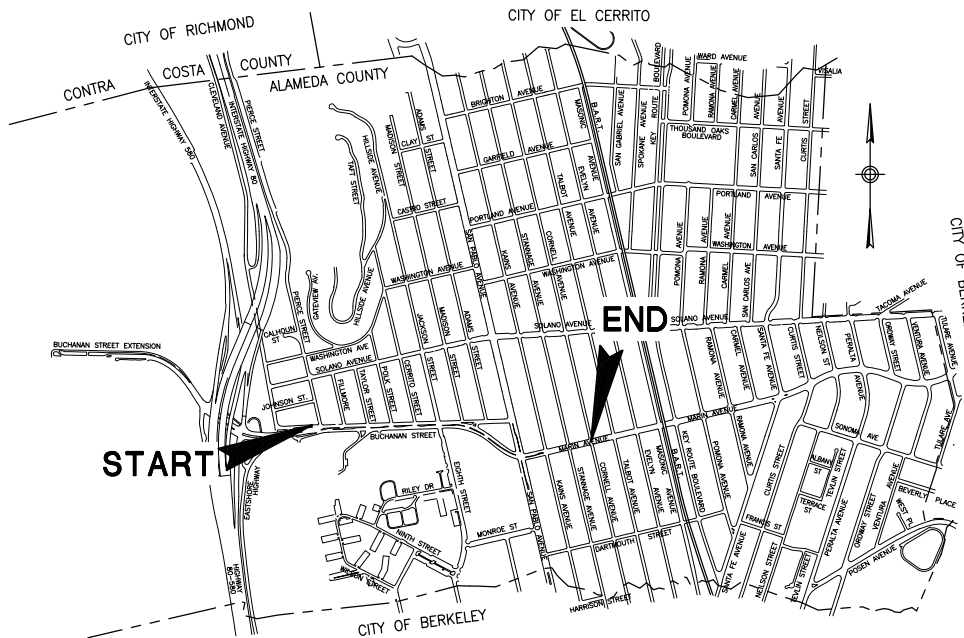
EXISTING	NEW	DESCRIPTION
		UTILITY POLE
		ELECTROLIER
		FIRE HYDRANT
		ROADSIDE SIGN
		CURB RAMP
		DRAINAGE CATCH BASIN
		FENCE
		SANITARY SEWER MANHOLE
		STORM DRAIN MANHOLE
		STORM DRAIN INLET
		UTILITY BOX
		STORM DRAIN CATCH BASIN
		TRAFFIC SIGNAL
		LANDSCAPING
		TREE

SHEET INDEX

SHEET NUMBER	DRAWING NUMBER	DESCRIPTION
1	G-1	TITLE SHEET AND LEGEND
2	X-1	TYPICAL CROSS SECTIONS
3	X-2	TYPICAL CROSS SECTIONS
4	L-1	BUCHANAN ST. STA 116+00 TO STA 121+00
5	L-2	BUCHANAN ST. STA 121+00 TO STA 126+00
6	L-3	BUCHANAN ST. STA 126+00 TO STA 131+00
7	L-4	BUCHANAN ST. STA 131+00 TO STA 136+00
8	L-5	MARIN AVE. STA 136+00 TO STA 140+50
9	L-6	MARIN AVE. STA 140+50 TO STA 145+00
10	L-7	MARIN AVE. STA 145+00 TO STA 150+00

ABBREVIATIONS

AB	AGGREGATE BASE	RT	RIGHT
AC TRANSIT	ALAMEDA COUNTY TRANSIT	R/W	RIGHT OF WAY
AC	ASPHALT CONCRETE	SHLD	SHOULDER
APPROX	APPROXIMATELY	ST	STREET
CL	CENTERLINE	SW	SIDEWALK
(E)	EXISTING	TYP	TYPICAL
L	LEFT	USDA	UNITED STATES DEPARTMENT OF AGRICULTURE
LS	LANDSCAPE	VAR	VARIES
N	NORTH		
NO	NUMBER		
(P)	PROPOSED		
PRKG	PARKING		



VICINITY MAP
NOT TO SCALE

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35% SUBMITTAL
NOT FOR CONSTRUCTION

DRAWING TITLE:

TITLE SHEET
ABBREVIATIONS
AND LEGENDS

DRAWING NUMBER:

G-1

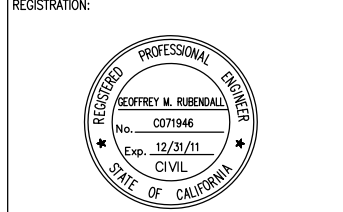
SHEET 1

REV XXX

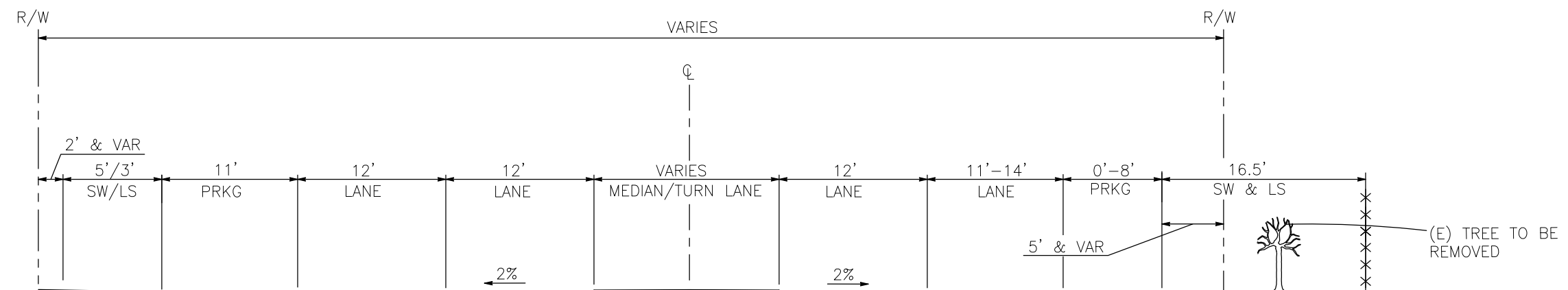
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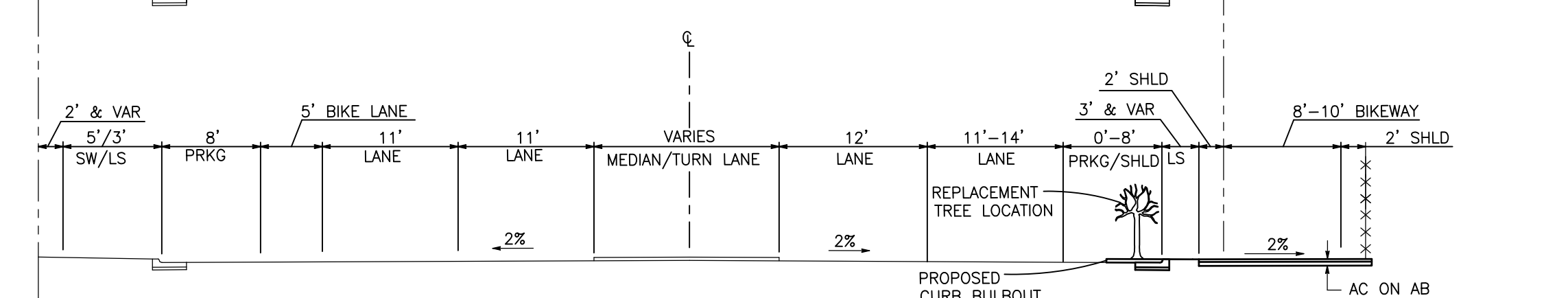
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EXISTING



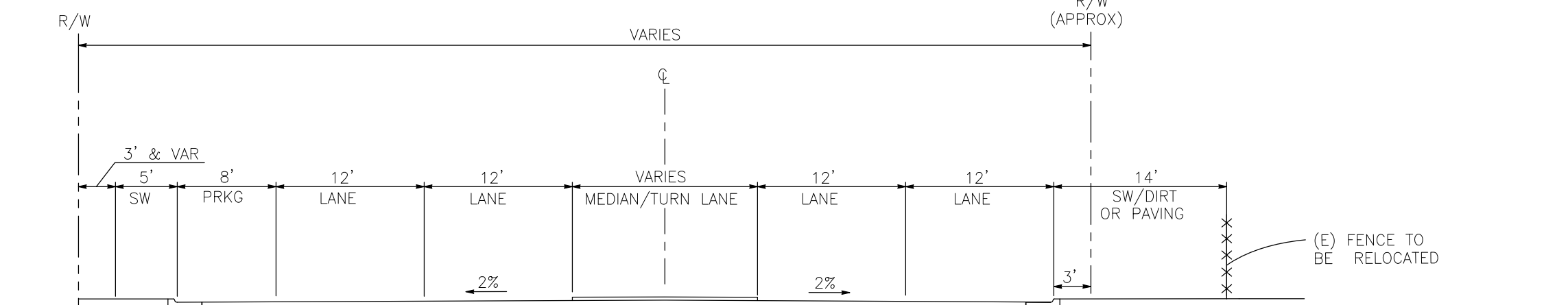
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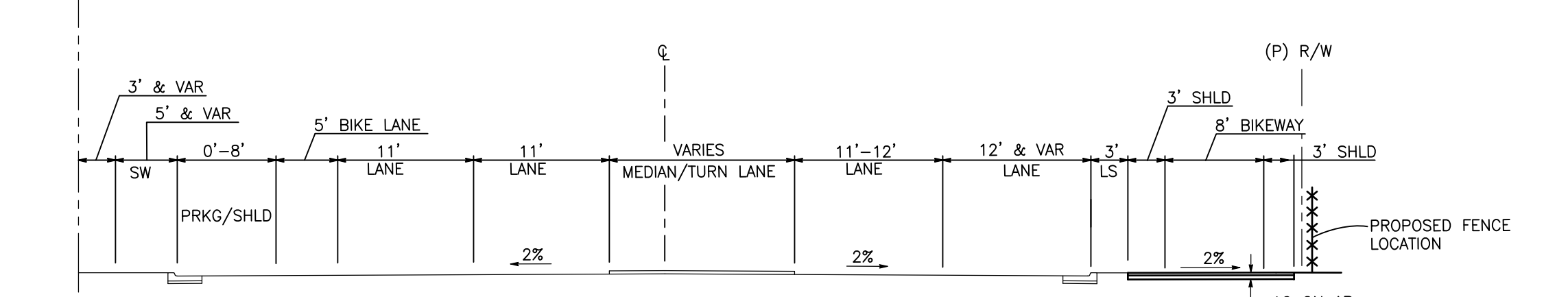
PIERCE STREET TO JACKSON STREET

STA 119+00 TO 132+00

EXISTING



PROPOSED



JACKSON STREET TO SAN PABLO AVENUE

STA 132+00 TO 141+50

35% SUBMITTAL
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REV	DATE	DESCRIPTION

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 CHECKED BY: GR
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 DATE: 03/02/2010

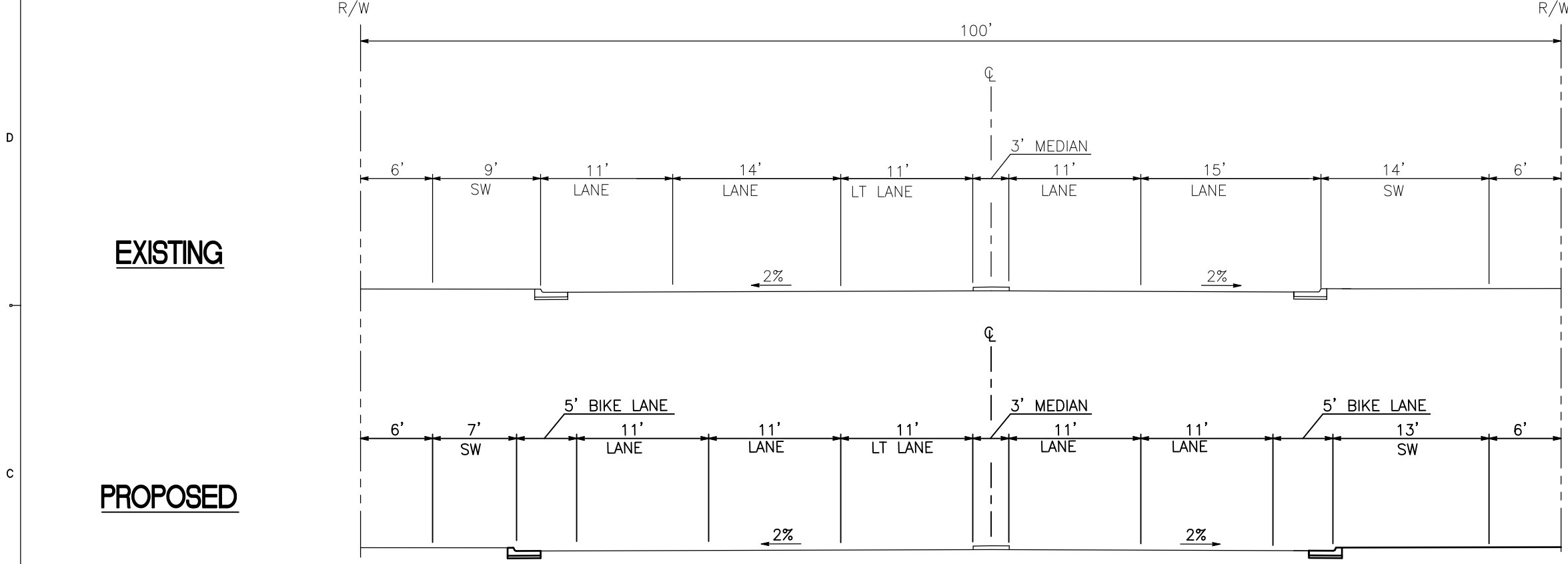
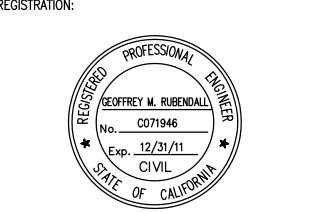
KEY PLAN:
 DRAWING TITLE:
TYPICAL CROSS SECTIONS

DRAWING NUMBER:
X-1

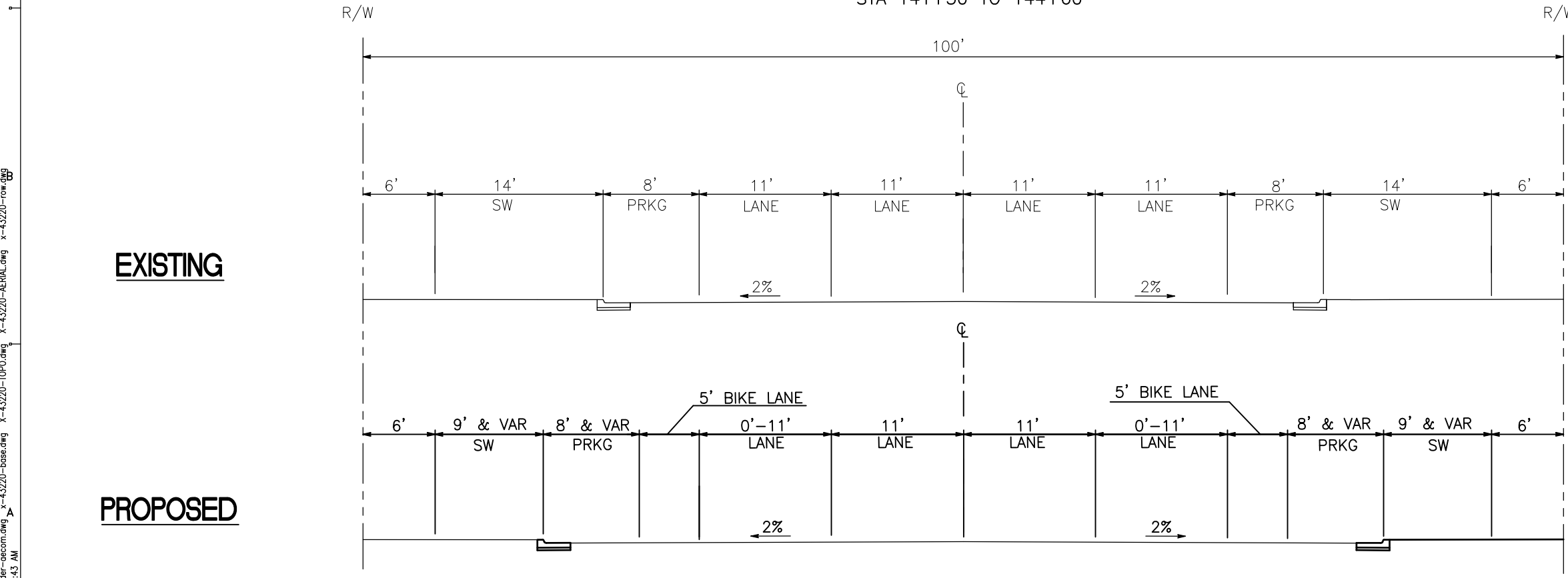
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 X-43220-GENERAL.dwg
 X-43220-row.dwg

CLIENT:
 Buchanan Bikeway
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SAN PABLO AVENUE TO KAINS AVENUE
 STA 141+50 TO 144+60



KAINS AVENUE TO CORNELL AVENUE
 STA 144+60 TO 149+05

35% SUBMITTAL
 NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION

KEY PLAN:

DRAWING TITLE:

TYPICAL CROSS SECTIONS

DRAWING NUMBER:
X-2

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D

C

EXISTING

PROPOSED

EXISTING

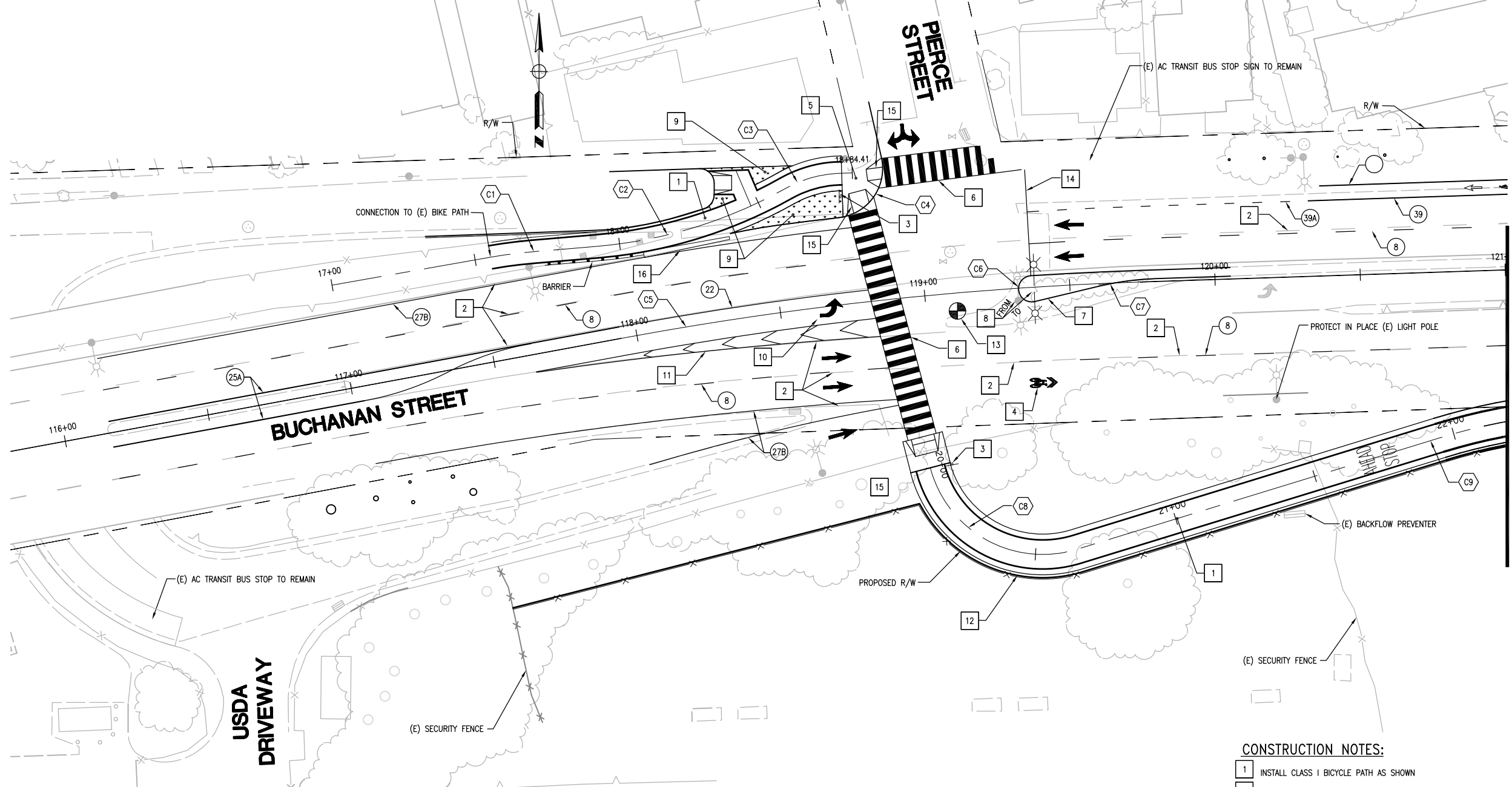
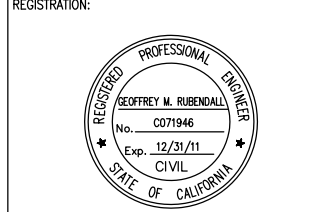
PROPOSED

EXISTING

PROPOSED

CLIENT:
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1000 SAN PABLO AVENUE
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510-834-5220



MATCHLINE - STA 121+00 SEE SHEET L-2

REV	DATE	DESCRIPTION

PROJECT NO:	60043220
DRAWN BY:	GR
CHECKED BY:	GR
SCALE:	1"=20'
DATE:	03/02/2010

KEY PLAN:

DRAWING TITLE:

**BUCHANAN ST.
STA 116+00 TO STA 121+00**

DRAWING NUMBER:

L-1

CONSTRUCTION NOTES:

- 1 INSTALL CLASS 1 BICYCLE PATH AS SHOWN
- 2 REMOVE (E) STRIPING WHERE CONFLICTS WITH (N) STRIPING
- 3 INSTALL R1-1 SIGN ("STOP")
- 4 INSTALL SHARROW SYMBOL
- 5 INSTALL LOCKABLE BOLLARD FOR FIRE ACCESS
- 6 INSTALL HIGH VISIBILITY CROSSWALK (24" WHITE STRIPING SPACED 4' ON CENTER)
- 7 RECONSTRUCT MEDIAN ISLAND AS SHOWN
- 8 RELOCATE LUMINAIRE AS SHOWN
- 9 INSTALL LANDSCAPING AS SHOWN
- 10 INSTALL TYPE IV(L) ARROW PER CALTRANS STANDARD PLANS (MAY 2006 EDITION)
- 11 INSTALL 4" WHITE STRIPING AS SHOWN
- 12 CONSTRUCT SECURITY FENCE AS SHOWN
- 13 (E) TRAFFIC SIGNAL TO BE RECONFIGURED AS PART OF THIS PROJECT
- 14 INSTALL 12" WHITE LIMIT LINE STRIPING
- 15 INSTALL TYPE A CURB RAMP PER CALTRANS STANDARD PLAN (MAY 2006)
- 16 INSTALL ADIEM CRASH CUSHION OR APPROVED EQUAL

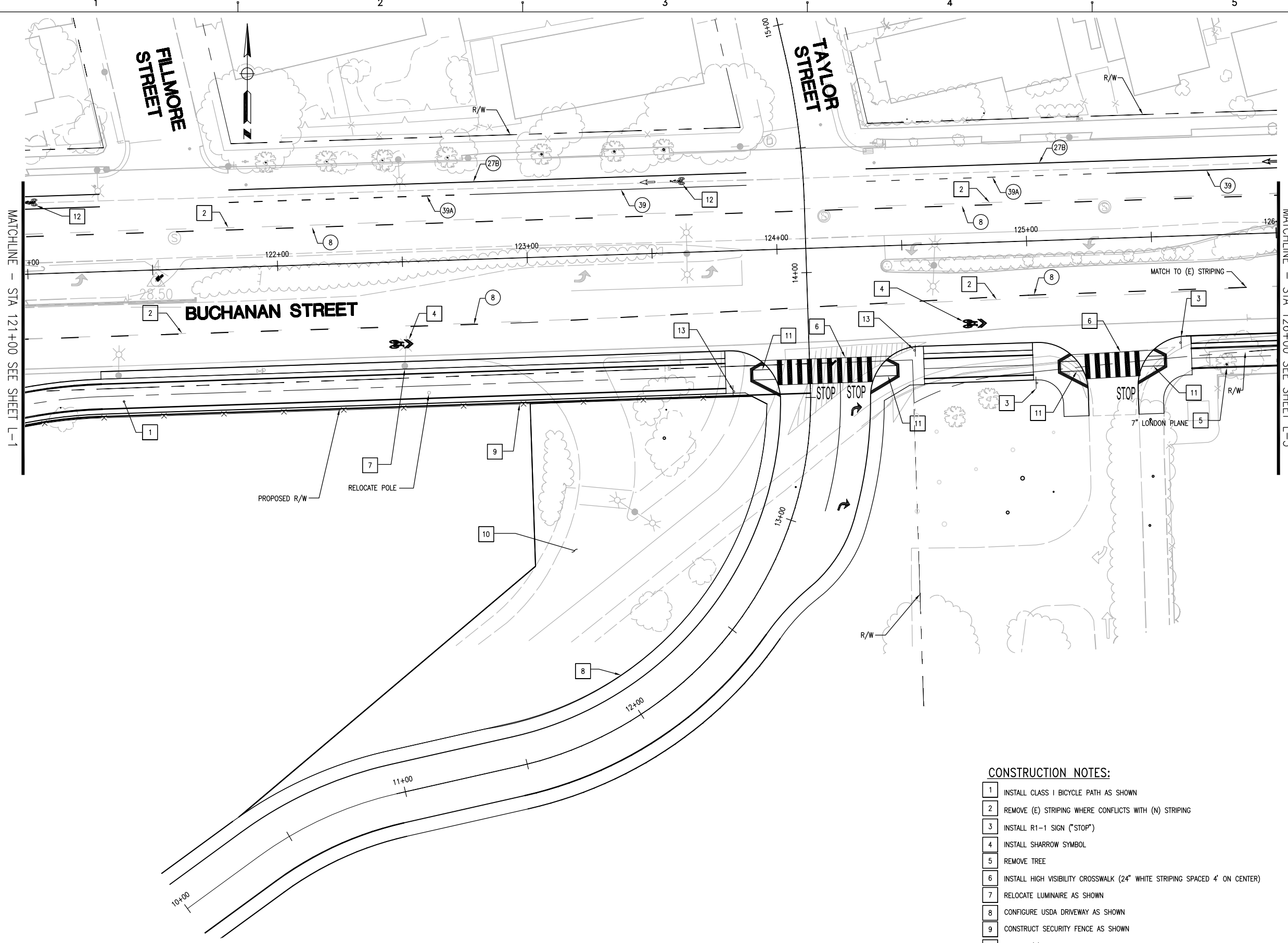
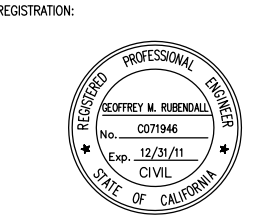
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C1	160.00	05°09'14"	14.39	14.39
C2	160.00	23°09'34"	64.67	64.23
C3	40.00	26°11'18"	18.28	18.12
C4	17.00	96°32'43"	28.85	25.37
C5	1200.00	08°35'47"	180.04	179.87
C6	4.50	189°39'59"	14.90	8.97
C7	100.00	11°27'24"	20.00	19.96
C8	40.00	92°15'12"	64.41	57.67
C9	200.00	15°11'02"	53.00	52.85

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 PLOT: 60043220.CIB
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 DATE: 3/9/2010 11:04:18 AM

CLIENT:
Buchanan Bikeway
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DESIGNER:
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 Oakland, CA 94612
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- CONSTRUCTION NOTES:**
- 1 INSTALL CLASS I BICYCLE PATH AS SHOWN
 - 2 REMOVE (E) STRIPING WHERE CONFLICTS WITH (N) STRIPING
 - 3 INSTALL R1-1 SIGN ("STOP")
 - 4 INSTALL SHARROW SYMBOL
 - 5 REMOVE TREE
 - 6 INSTALL HIGH VISIBILITY CROSSWALK (24" WHITE STRIPING SPACED 4' ON CENTER)
 - 7 RELOCATE LUMINAIRE AS SHOWN
 - 8 CONFIGURE USDA DRIVEWAY AS SHOWN
 - 9 CONSTRUCT SECURITY FENCE AS SHOWN
 - 10 REMOVE (E) DRIVEWAY AND REPLACE WITH LANDSCAPE
 - 11 INSTALL TYPE A CURB RAMP PER CALTRANS STANDARD PLAN (MAY 2006)
 - 12 INSTALL BIKE LANE SYMBOL AND ARROW PER CALTRANS STANDARD PLAN (MAY 2006)
 - 13 INSTALL R1-1 SIGN ("STOP") ON FLASHING BEACON PER CALTRANS STANDARD PLAN (MAY 2006)

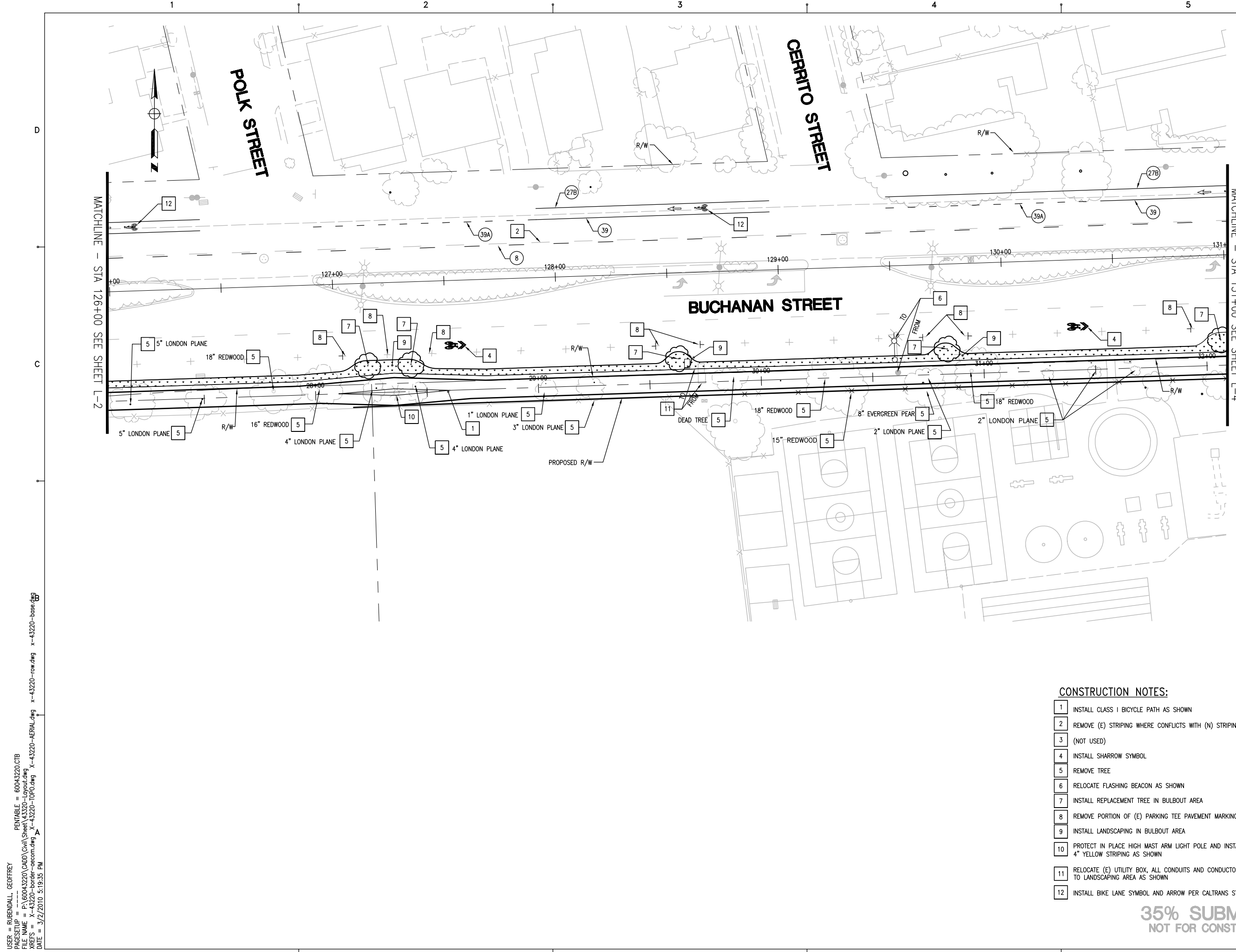
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 NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION

KEY PLAN:

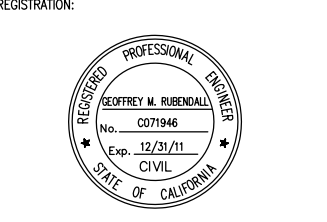
DRAWING TITLE:
BUCHANAN ST.
STA 121+00 TO STA 126+00

DRAWING NUMBER:
L-2



CLIENT:
Buchanan Bikeway
 FOR
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 1000 SAN PABLO AVENUE
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REV	DATE	DESCRIPTION

PROJECT NO: 60043220
 DRAWN BY: GR
 CHECKED BY: GR
 SCALE: 1"=20'
 DATE: 03/02/2010

KEY PLAN:

DRAWING TITLE:
**BUCHANAN ST.
 STA 126+00 TO STA 131+00**

- CONSTRUCTION NOTES:**
- 1 INSTALL CLASS I BICYCLE PATH AS SHOWN
 - 2 REMOVE (E) STRIPING WHERE CONFLICTS WITH (N) STRIPING
 - 3 (NOT USED)
 - 4 INSTALL SHARROW SYMBOL
 - 5 REMOVE TREE
 - 6 RELOCATE FLASHING BEACON AS SHOWN
 - 7 INSTALL REPLACEMENT TREE IN BULBOUT AREA
 - 8 REMOVE PORTION OF (E) PARKING TEE PAVEMENT MARKING
 - 9 INSTALL LANDSCAPING IN BULBOUT AREA
 - 10 PROTECT IN PLACE HIGH MAST ARM LIGHT POLE AND INSTALL 4" YELLOW STRIPING AS SHOWN
 - 11 RELOCATE (E) UTILITY BOX, ALL CONDUITS AND CONDUCTORS TO LANDSCAPING AREA AS SHOWN
 - 12 INSTALL BIKE LANE SYMBOL AND ARROW PER CALTRANS STANDARD PLAN (MAY 2006)

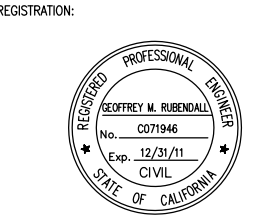
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 NOT FOR CONSTRUCTION**

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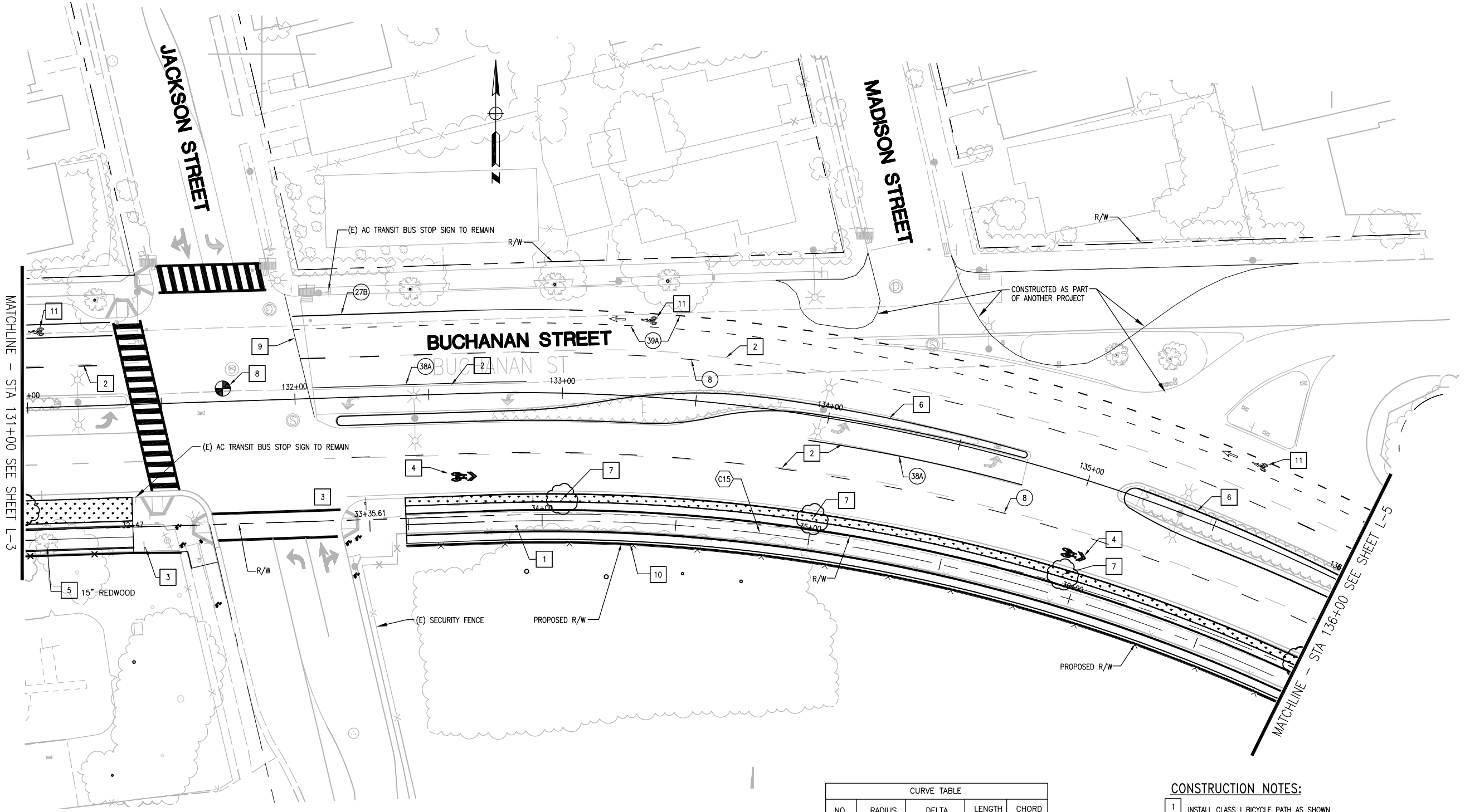
CLIENT:
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 FOR
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D

C



CURVE TABLE				
NO.	RADIUS	DELTA	LENGTH	CHORD
C15	660.00	38°52'30"	447.81	439.27

- CONSTRUCTION NOTES:**
- 1 INSTALL CLASS I BICYCLE PATH AS SHOWN
 - 2 REMOVE (E) STRIPING WHERE CONFLICTS WITH (N) STRIPING
 - 3 INSTALL R1-1 SIGN ("STOP")
 - 4 INSTALL SHARROW SYMBOL
 - 5 REMOVE TREE
 - 6 RECONSTRUCT MEDIAN ISLAND AS SHOWN
 - 7 INSTALL REPLACEMENT TREE IN LANDSCAPED AREA
 - 8 FUTURE SIGNAL MODIFICATIONS PROPOSED AS PART OF OTHER PROJECT
 - 9 INSTALL 12" WHITE LIMIT LINE STRIPING
 - 10 CONSTRUCT SECURITY FENCE AS SHOWN
 - 11 INSTALL BIKE LANE SYMBOL AND ARROW PER CALTRANS STANDARD PLAN (MAY 2006)

REV	DATE	DESCRIPTION

PROJECT NO: 60043220
 DRAWN BY: GR
 CHECKED BY: GR
 SCALE: 1"=20'
 DATE: 03/02/2010

KEY PLAN:

DRAWING TITLE:
**BUCHANAN ST.
 STA 131+00 TO STA 136+00**

DRAWING NUMBER:
L-4

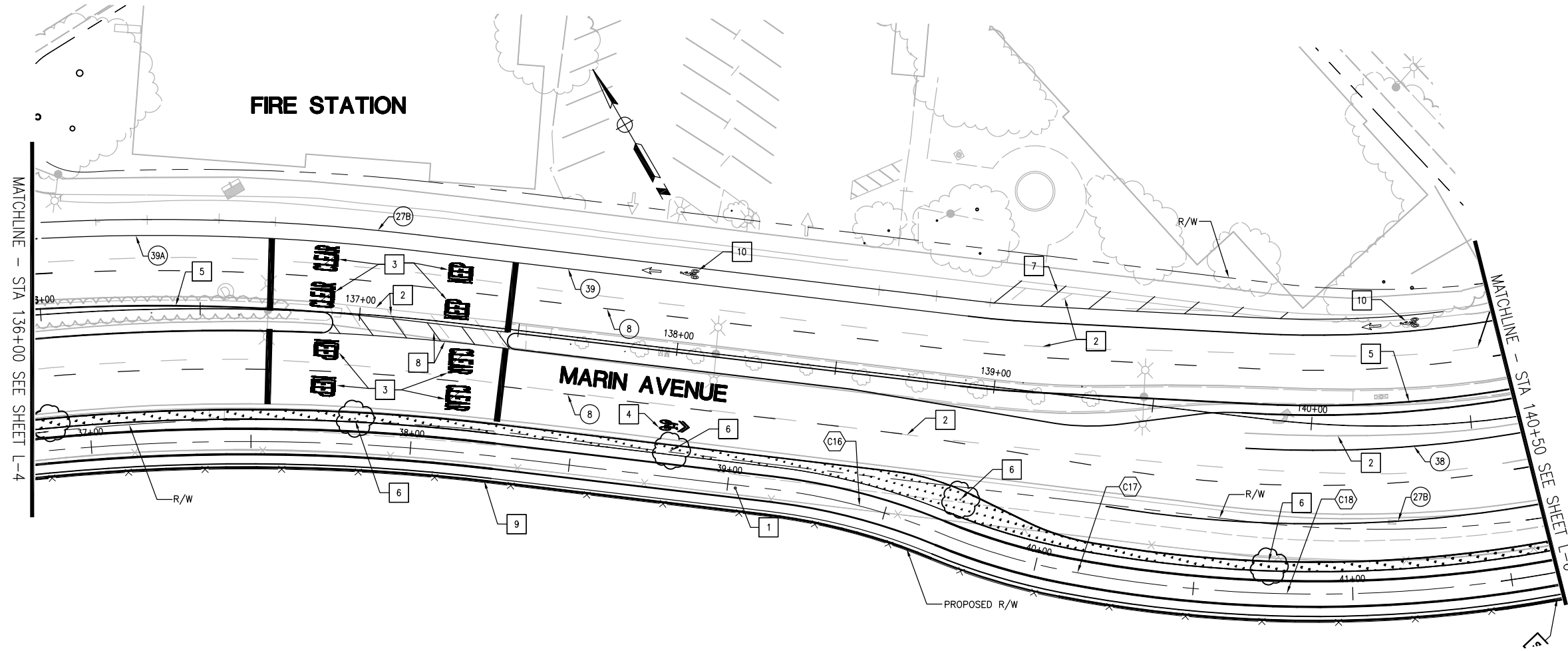
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SHEET 7 REV XXX

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FIRE STATION

MARIN AVENUE

MATCHLINE - STA 136+00 SEE SHEET L-4

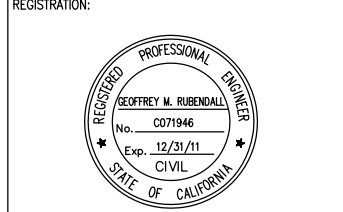
MATCHLINE - STA 140+50 SEE SHEET L-6

CURVE TABLE				
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C16	200.00	15°42'12"	54.81	54.64
C17	200.00	11°42'53"	40.89	40.82
C18	420.00	26°50'06"	196.71	194.92

- CONSTRUCTION NOTES:**
- 1 INSTALL CLASS I BICYCLE PATH AS SHOWN
 - 2 REMOVE (E) STRIPING WHERE CONFLICTS WITH (N) STRIPING
 - 3 INSTALL "KEEP CLEAR" PAVEMENT MARKING PER CALTRANS STANDARD PLANS (MAY 2006 EDITION)
 - 4 INSTALL SHARROW SYMBOL
 - 5 RECONSTRUCT MEDIAN ISLAND AS SHOWN
 - 6 INSTALL REPLACEMENT TREE IN LANDSCAPED AREA
 - 7 INSTALL 4" WHITE STRIPING AS SHOWN
 - 8 INSTALL 4" YELLOW STRIPING AS SHOWN
 - 9 CONSTRUCT SECURITY FENCE AS SHOWN
 - 10 INSTALL BIKE LANE SYMBOL AND ARROW PER CALTRANS STANDARD PLAN (MAY 2006)

CLIENT:
Buchanan Bikeway
 FOR
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 510-622-6600
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REV	DATE	DESCRIPTION

PROJECT NO: 60043220
 DRAWN BY: GR
 CHECKED BY: GR
 SCALE: 1"=20'
 DATE: 03/02/2010

KEY PLAN:
 DRAWING TITLE:
**MARIN AVE.
 STA 136+00 TO STA 140+50**

DRAWING NUMBER:
L-5

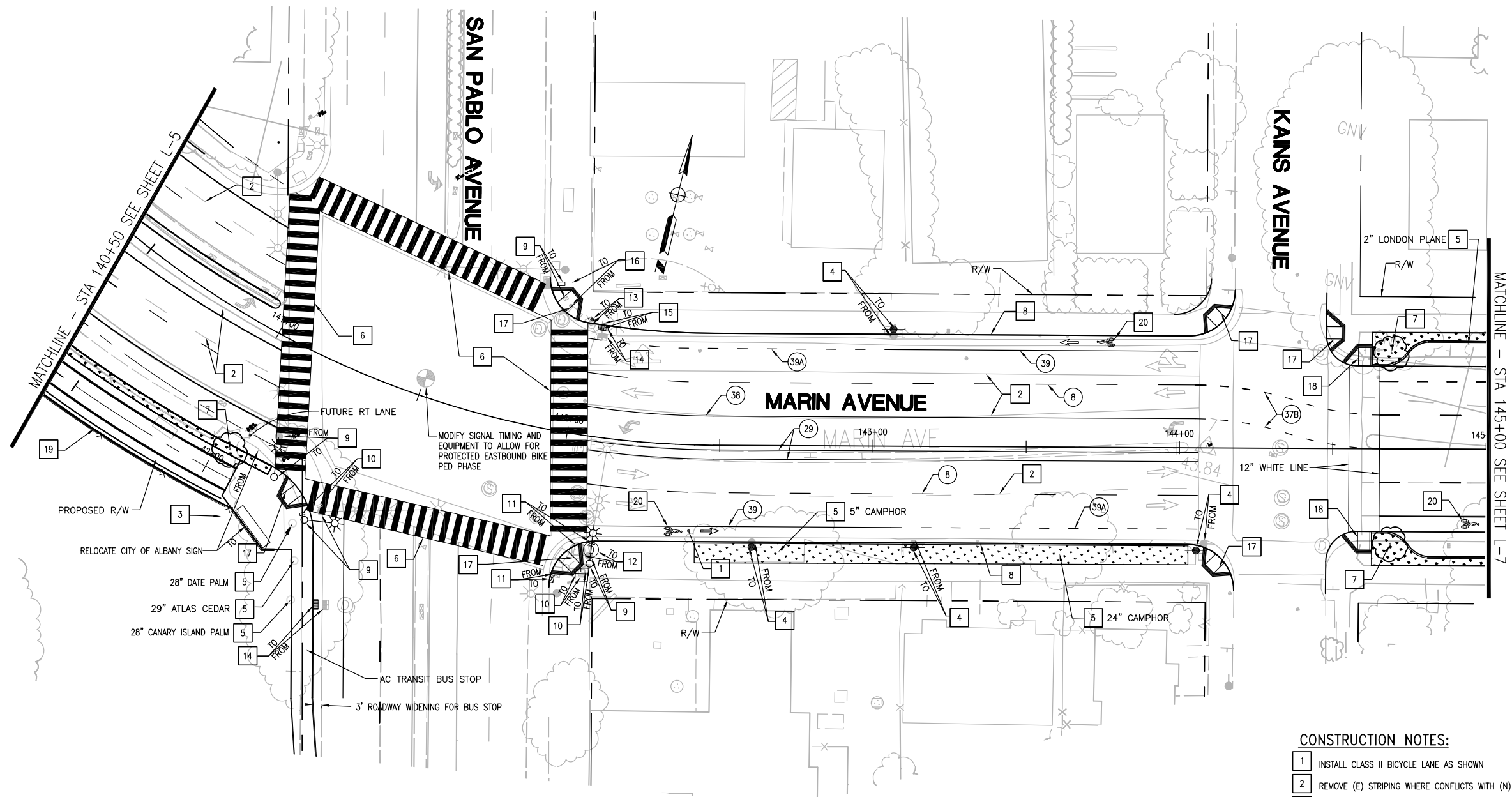
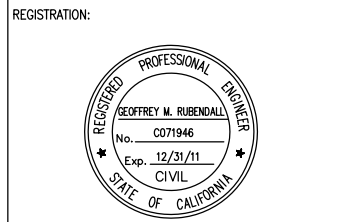
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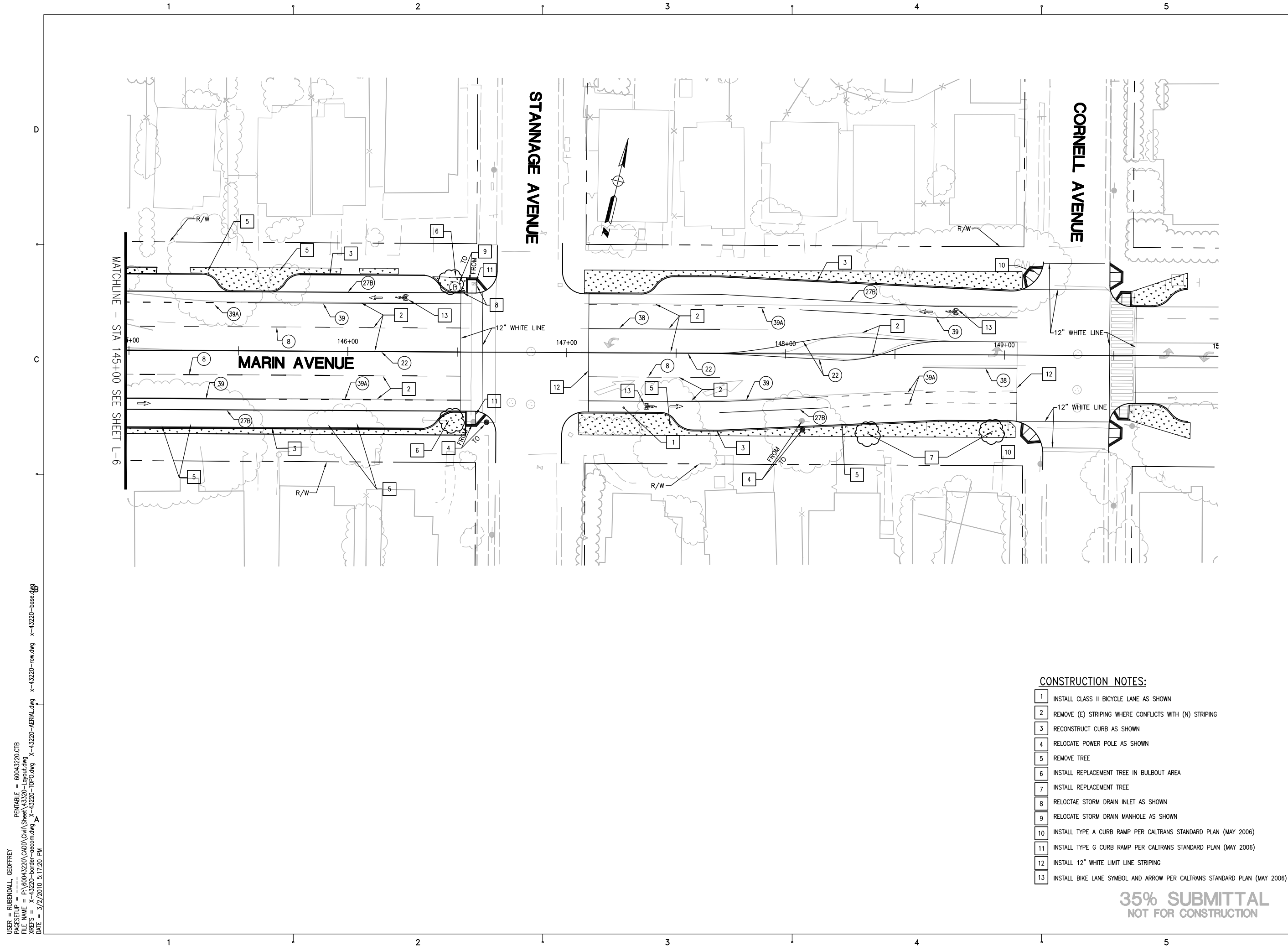
- CONSTRUCTION NOTES:**
- 1 INSTALL CLASS II BICYCLE LANE AS SHOWN
 - 2 REMOVE (E) STRIPING WHERE CONFLICTS WITH (N) STRIPING
 - 3 INSTALL R1-1 SIGN ("STOP")
 - 4 RELOCATE POWER POLE AS SHOWN
 - 5 REMOVE TREE
 - 6 INSTALL HIGH VISIBILITY CROSSWALK (24" WHITE STRIPING SPACED 4' ON CENTER)
 - 7 INSTALL REPLACEMENT TREE IN BULBOUT AREA
 - 8 RECONSTRUCT CURB AS SHOWN
 - 9 RELOCATE ELECTROLIER AS SHOWN
 - 10 RELOCATE UTILITY BOX AS SHOWN
 - 11 RELOCATE STORM DRAIN INLET AS SHOWN
 - 12 RELOCATE STORM DRAIN MANHOLE AS SHOWN
 - 13 RELOCATE FIRE HYDRANT AS SHOWN
 - 14 RELOCATE STORM DRAIN CATCH BASIN
 - 15 RELOCATE SIGN AS SHOWN
 - 16 RELOCATE TRAFFIC SIGNAL EQUIPMENT AS SHOWN
 - 17 INSTALL TYPE A CURB RAMP PER CALTRANS STANDARD PLAN (MAY 2006)
 - 18 INSTALL TYPE G CURB RAMP PER CALTRANS STANDARD PLAN (MAY 2006)
 - 19 CONSTRUCT SECURITY FENCE AS SHOWN
 - 20 INSTALL BIKE LANE SYMBOL AND ARROW PER CALTRANS STANDARD PLAN (MAY 2006)

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REV	DATE	DESCRIPTION

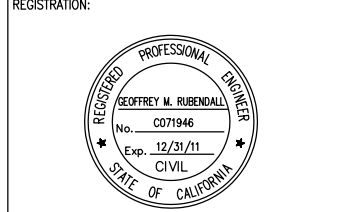
PROJECT NO: 60043220
 DRAWN BY: GR
 CHECKED BY: GR
 SCALE: 1"=20'
 DATE: 03/02/2010
 KEY PLAN:

DRAWING TITLE:
**MARIN AVE.
 STA 140+50 TO STA 145+00**



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 2101 Webster Street, Suite 1900
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 510-622-6600
 510-834-5220



REV	DATE	DESCRIPTION

PROJECT NO: 60043220
 DRAWN BY: GR
 CHECKED BY: GR
 SCALE: 1"=20'
 DATE: 03/02/2010

KEY PLAN:
 DRAWING TITLE:
MARIN AVE.
STA 145+00 TO STA 150+00
 DRAWING NUMBER:
L-7

- CONSTRUCTION NOTES:**
- INSTALL CLASS II BICYCLE LANE AS SHOWN
 - REMOVE (E) STRIPING WHERE CONFLICTS WITH (N) STRIPING
 - RECONSTRUCT CURB AS SHOWN
 - RELOCATE POWER POLE AS SHOWN
 - REMOVE TREE
 - INSTALL REPLACEMENT TREE IN BULBOUT AREA
 - INSTALL REPLACEMENT TREE
 - RELOCATE STORM DRAIN INLET AS SHOWN
 - RELOCATE STORM DRAIN MANHOLE AS SHOWN
 - INSTALL TYPE A CURB RAMP PER CALTRANS STANDARD PLAN (MAY 2006)
 - INSTALL TYPE G CURB RAMP PER CALTRANS STANDARD PLAN (MAY 2006)
 - INSTALL 12" WHITE LIMIT LINE STRIPING
 - INSTALL BIKE LANE SYMBOL AND ARROW PER CALTRANS STANDARD PLAN (MAY 2006)

35% SUBMITTAL
NOT FOR CONSTRUCTION

USER = RUBENDALL, GEOFFREY
 PLOTSETUP = F:\60043220\CADD\Civil\Sheet\A-3350-1-plot.dwg
 SHEET = X-43220-base.dwg
 DATE = 3/2/2010 5:17:20 PM