

**ATTACHMENT B:
TYPICAL CROSS SECTIONS**

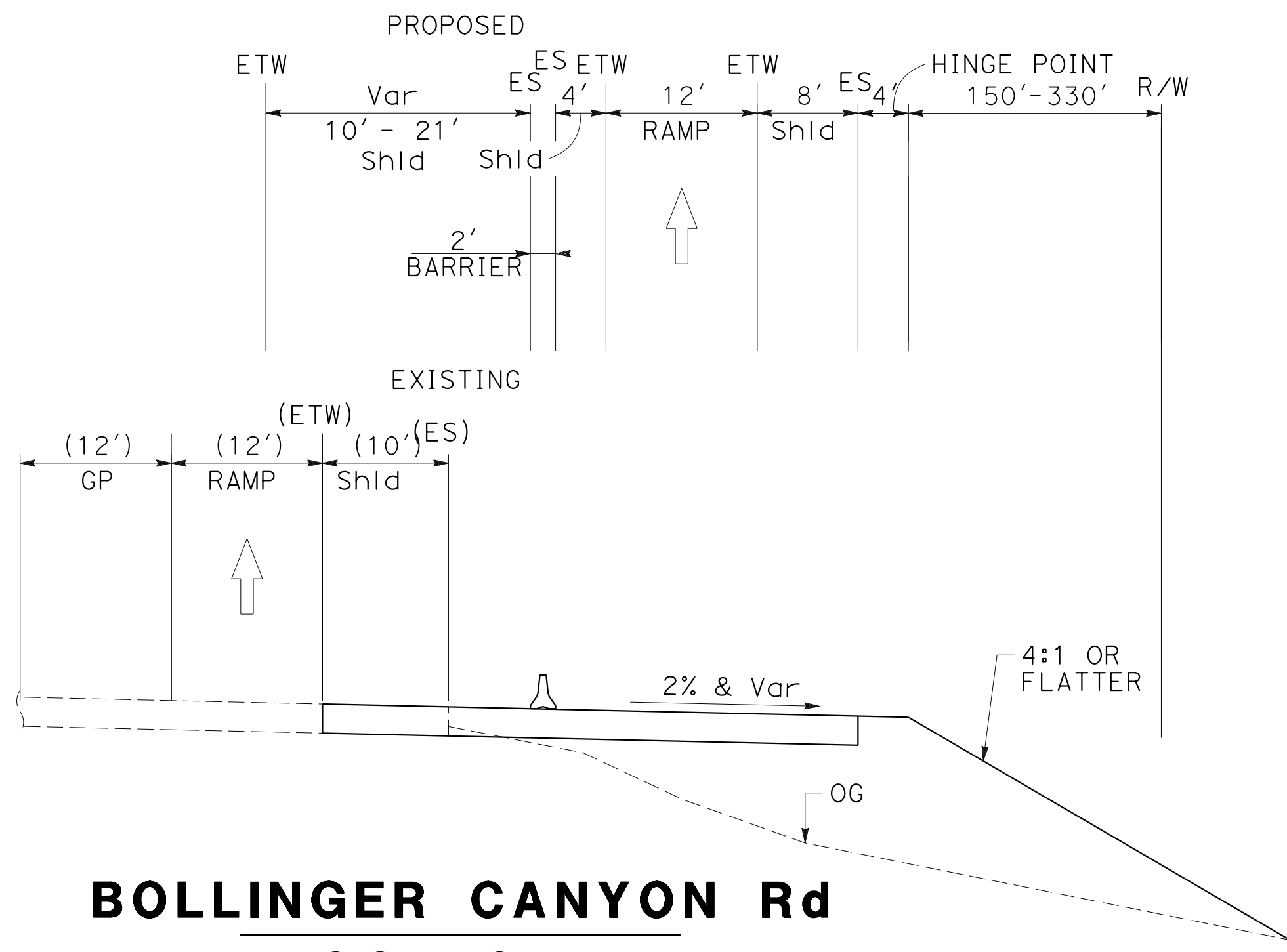
NOTE:

- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

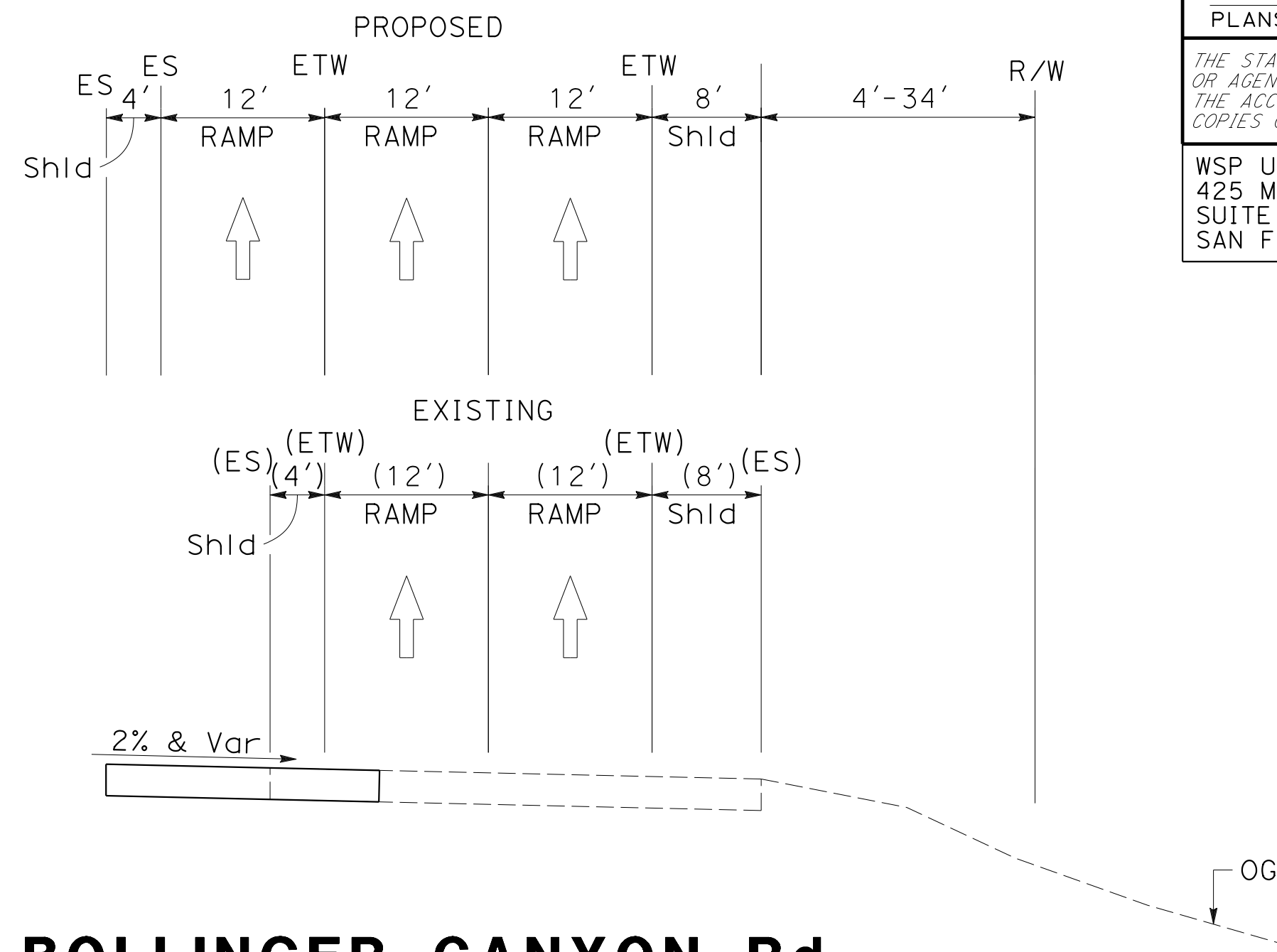
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Ald R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

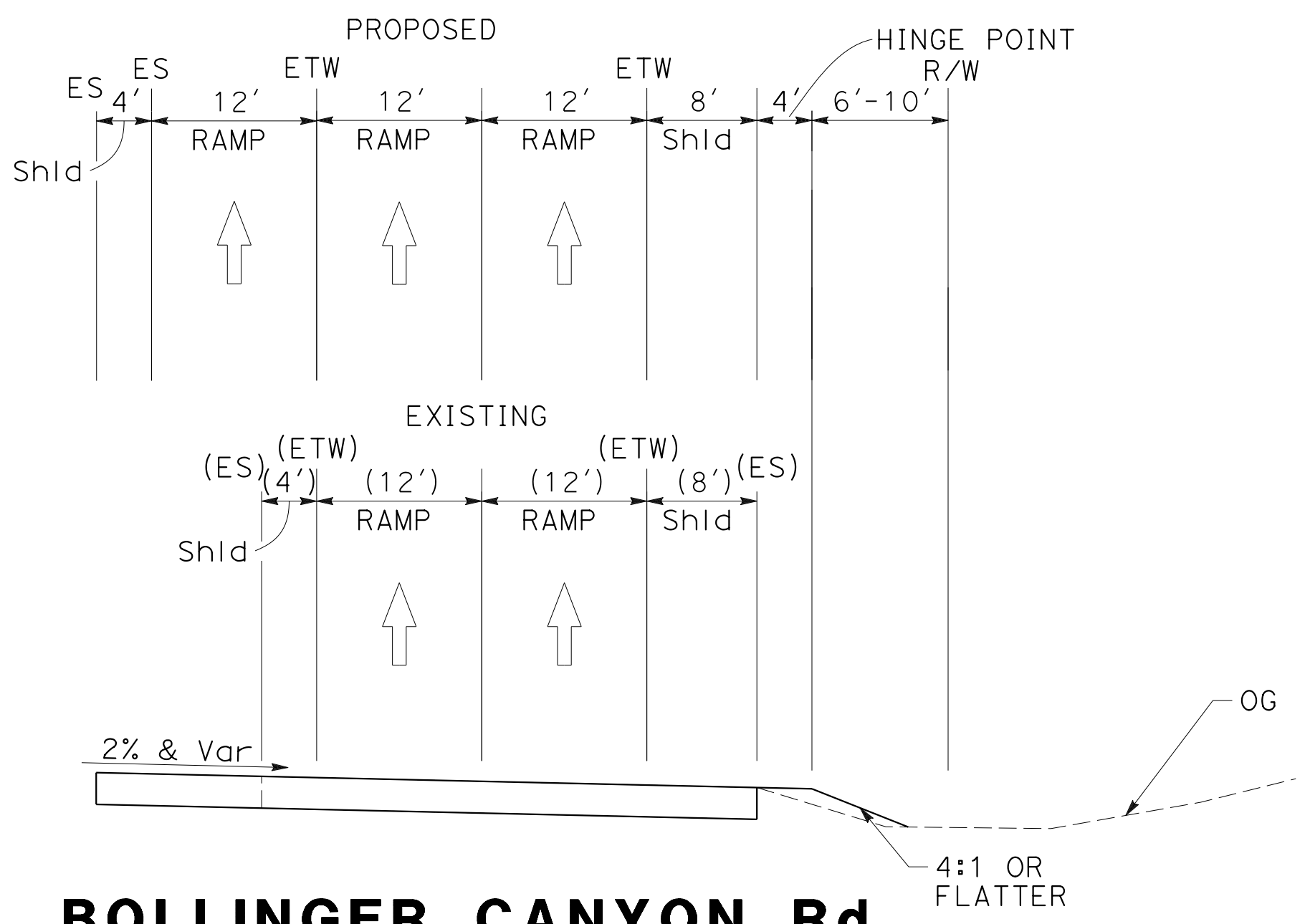
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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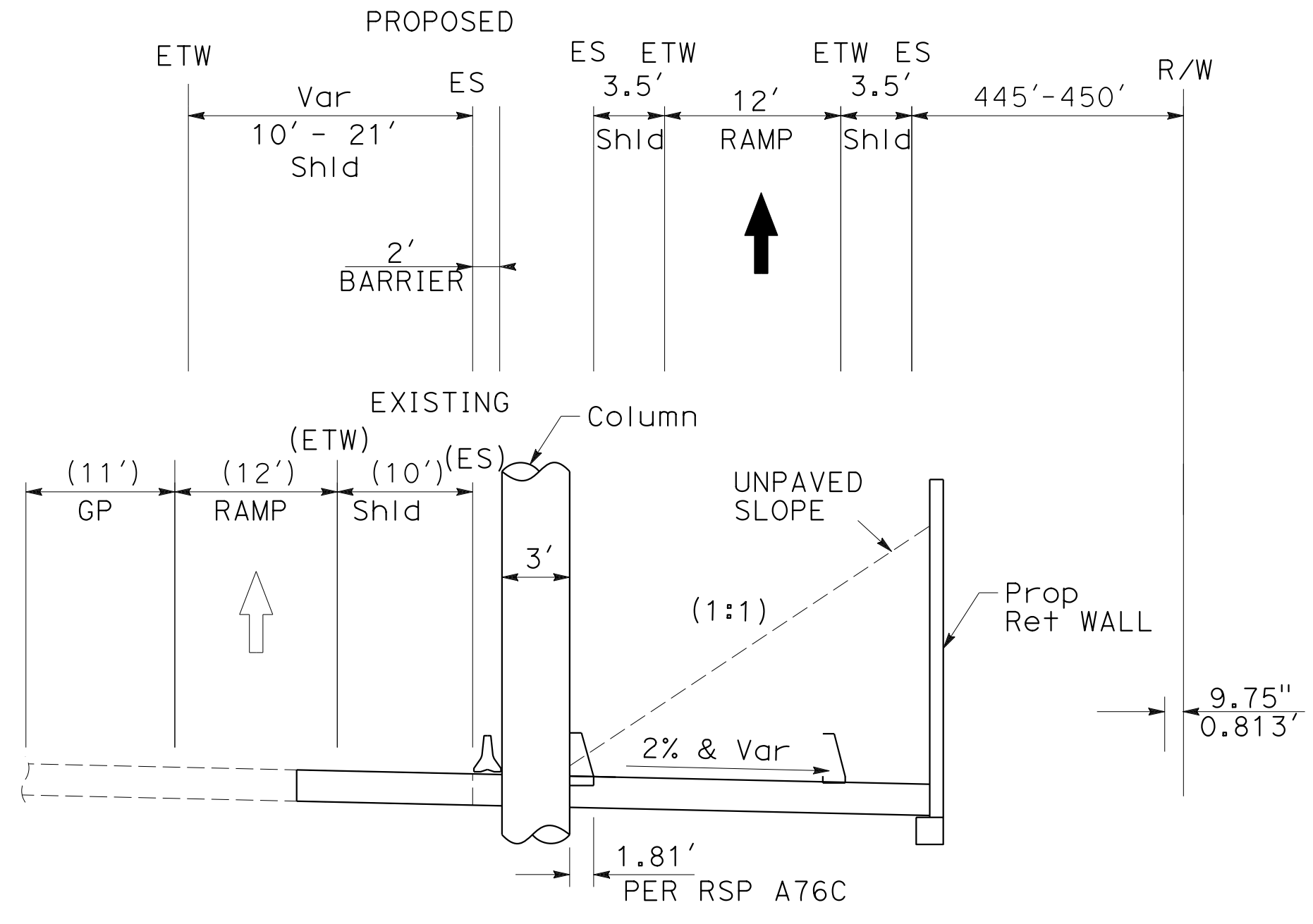
**BOLLINGER CANYON Rd
NB LOOP ON-RAMP
"A" LINE AT STATION 720+75-730+00**



**BOLLINGER CANYON Rd
NB ON-RAMP
"A" LINE AT STATION 721+00-738+50**



**BOLLINGER CANYON Rd
NB ON-RAMP
"A" LINE AT STATION 729+00-733+00**



**BOLLINGER CANYON Rd
NB LOOP ON-RAMP
UNDER BRIDGE
"A" LINE AT STATION 721+00-722+25**

TYPICAL CROSS SECTIONS

SCALE: NO SCALE

X-1

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JANUARY 2024

USERNAME => wppw14-pw-svc
DGN FILE => 00960_ca-01.dgn

RELATIVE BORDER SCALE
15" IN INCHES



UNIT XXXX

PROJECT NUMBER & PHASE

04000XXXXXX

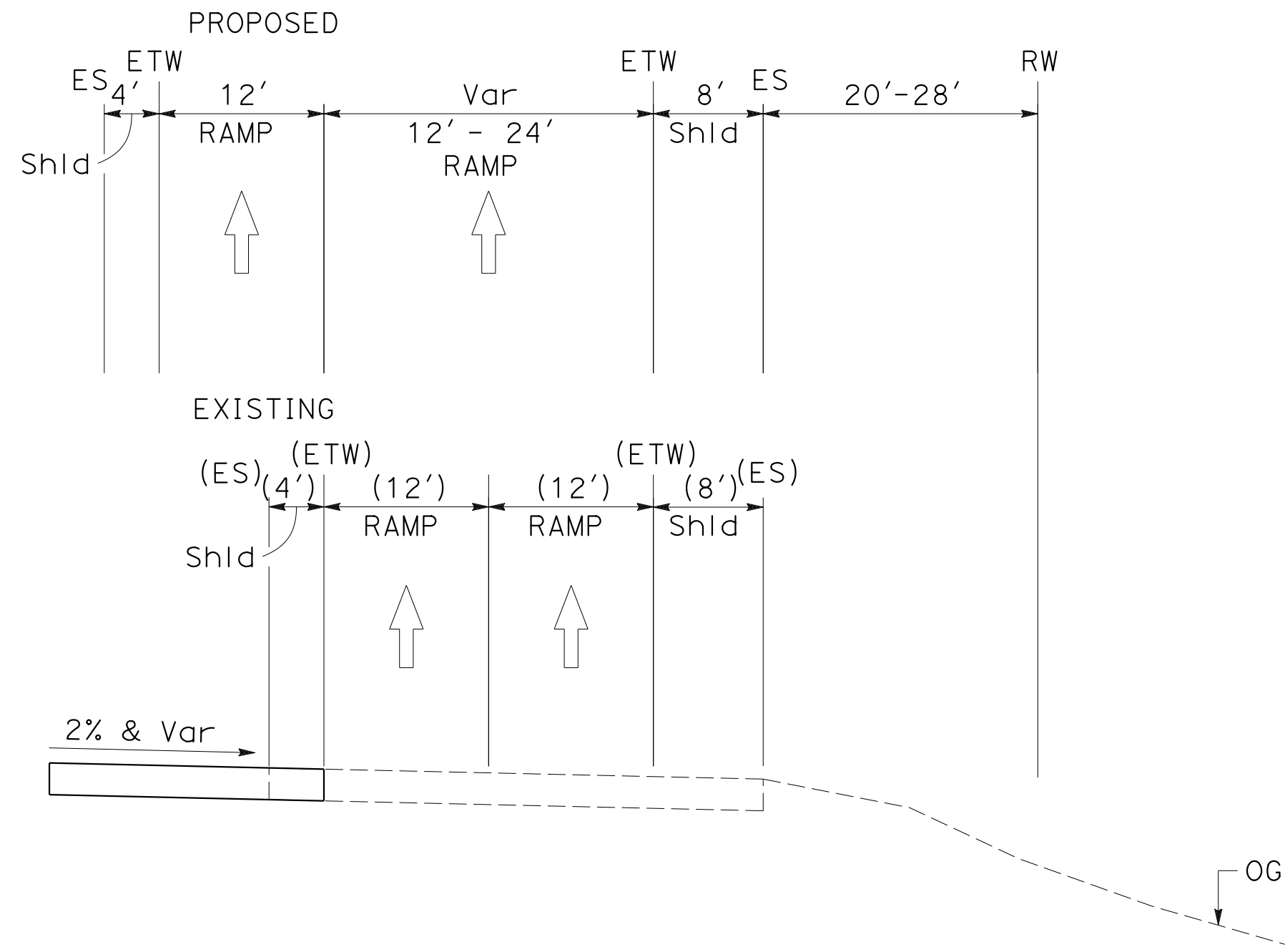
BORDER LAST REVISED 7/2/2010

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:41

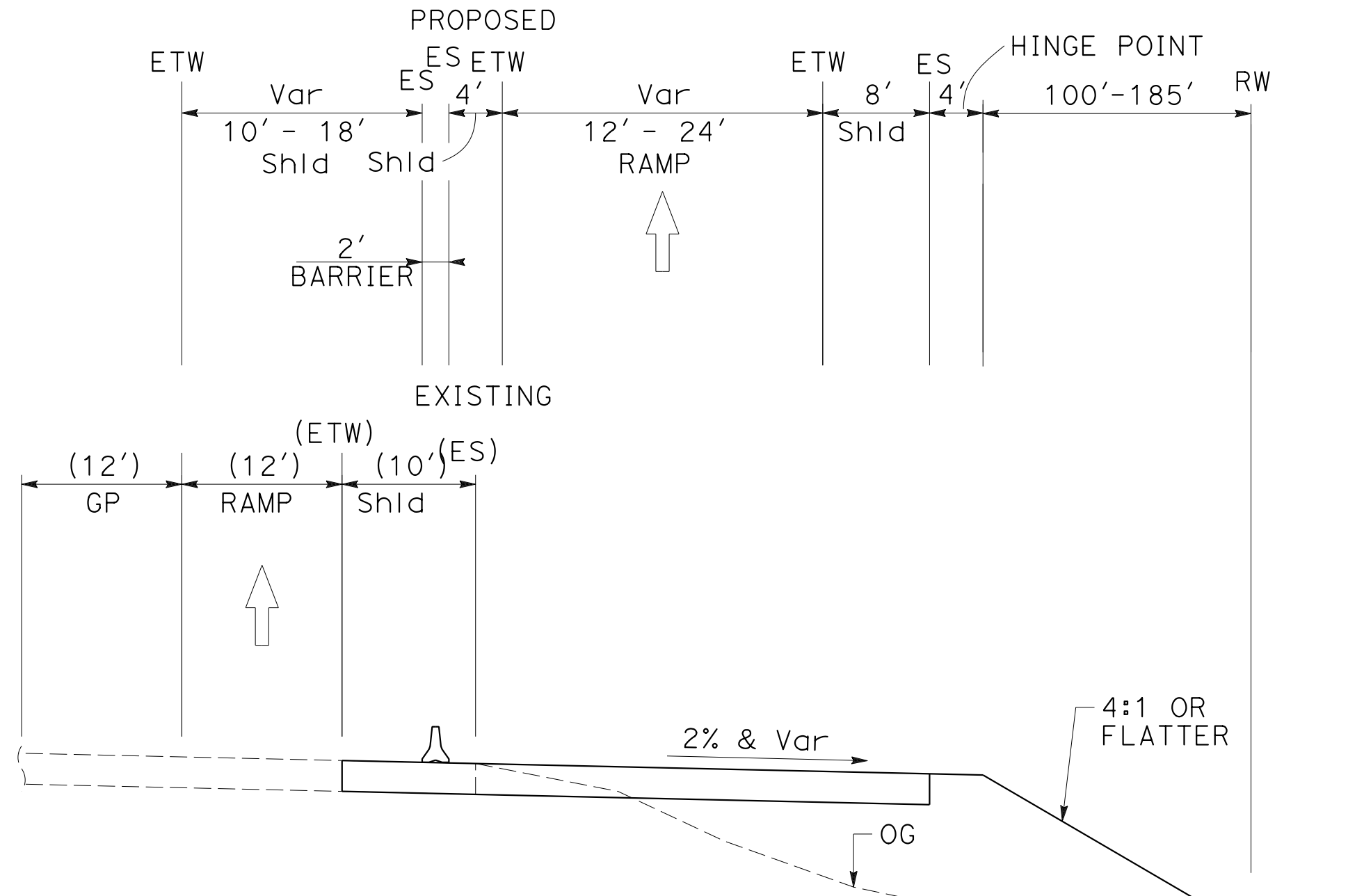
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No. _____		
			* Exp. CIVIL *		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			STATE OF CALIFORNIA		
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		

NOTE:

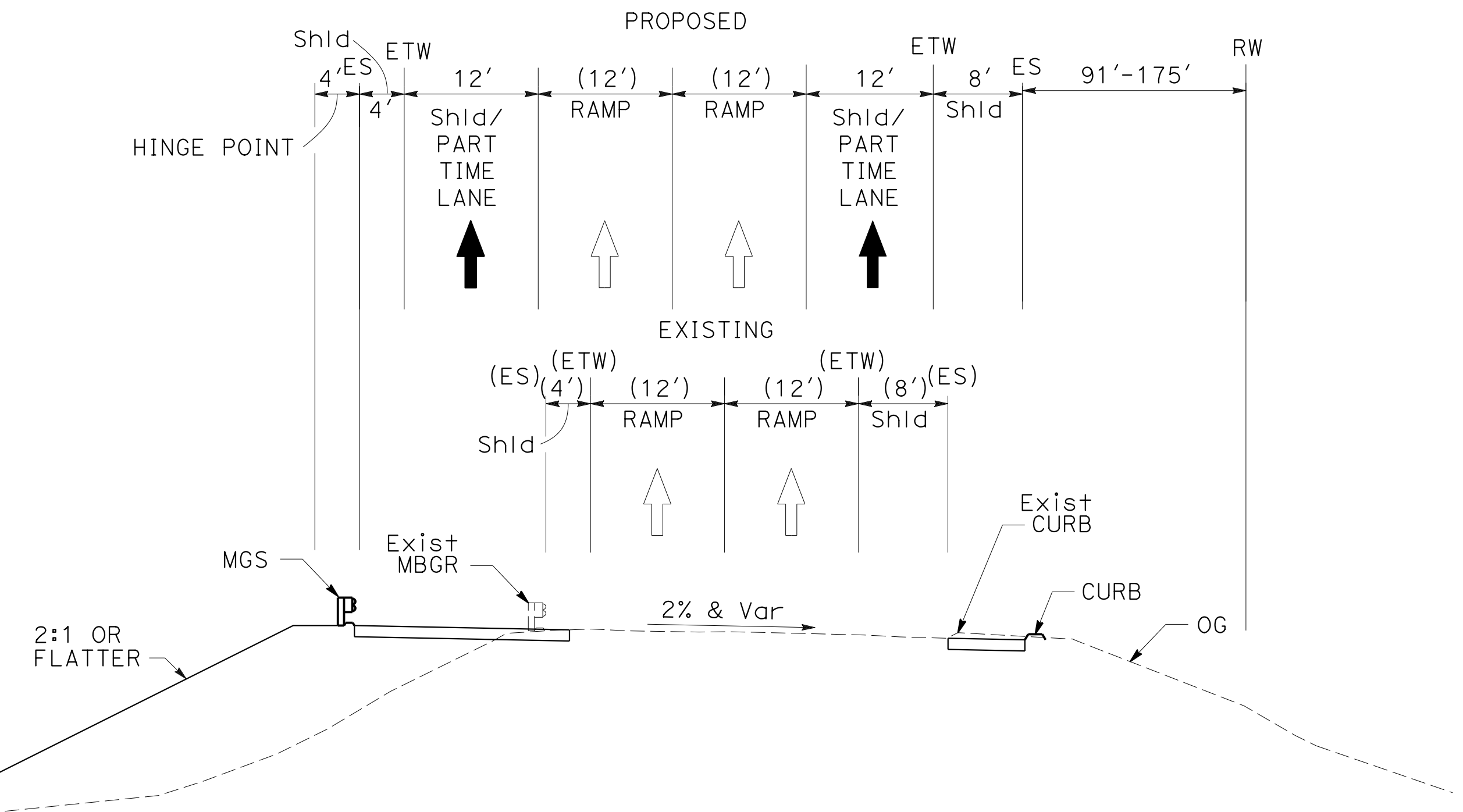
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- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



**CROW CANYON Rd
NB ON-RAMP
"A" LINE AT STATION 789+25-811+00**



**CROW CANYON Rd
NB LOOP ON-RAMP
"A" LINE AT STATION 789+75-798+00**



**SYCAMORE VALLEY Rd
NB ON-RAMP
"A" LINE AT STATION 925+00-935+75**

TYPICAL CROSS SECTIONS

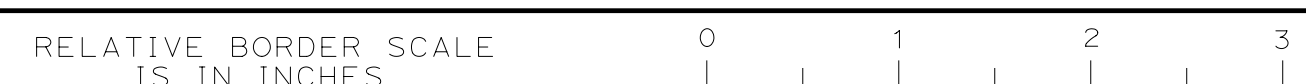
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X-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI
		CHECKED BY	DATE REVISED

4th PA&ED SUBMITTAL
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JANUARY 2024

USERNAME => wspw14-pw-svc
DGN FILE => 00960_ca-02.dgn



LAST REVISION: DATE PLOTTED => 25-JAN-2024 TIME PLOTTED => 00:44

**ATTACHMENT C:
LAYOUTS & SUPERELEVATION DIAGRAMS**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT - FUNCTIONAL SUPERVISOR
 CARLOS CAMPO
 CALCULATED-DESIGNED BY
 CHECKED BY
 JEFF SMITH
 STEVEN YOSHIZUMI
 REVISED BY
 DATE REVISED

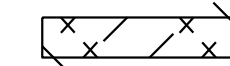
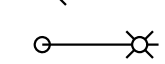
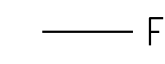
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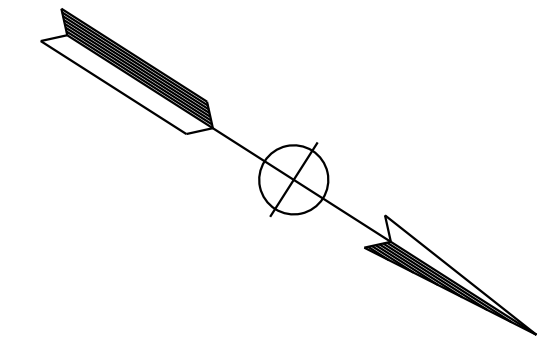
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

ABBREVIATIONS:

TIRTL THE INFRA-RED TRAFFIC LOGGER

LEGEND:

-  COLD PLANE & OVERLAY
-  ELECTROLINER
-  F0 - FIBER OPTIC CABLE (PROPOSED WITH EA 04-1Q720)



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	ALA R20.4/ CC 15.6		63

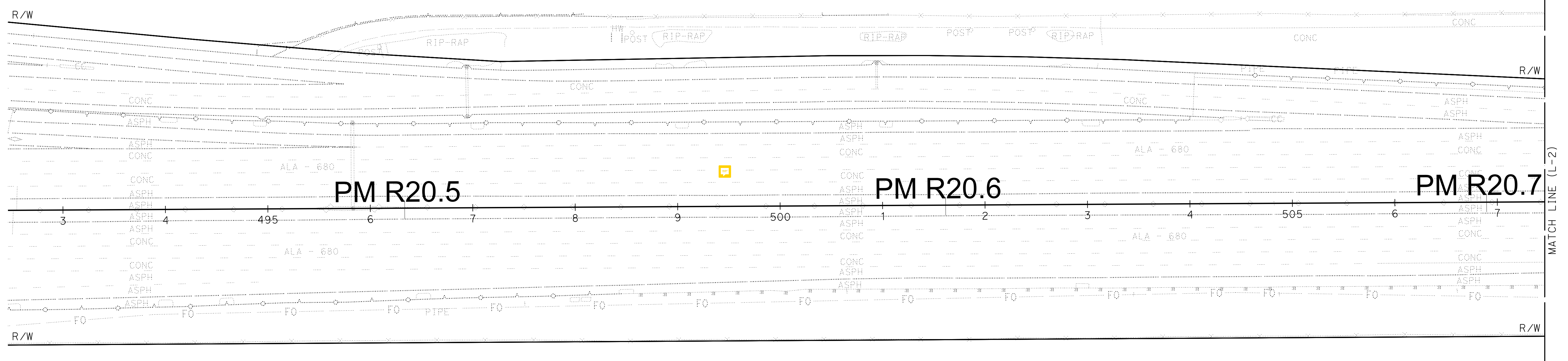
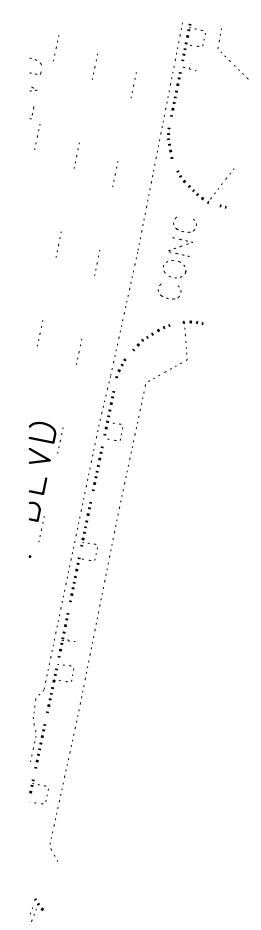
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

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WSP USA
425 MARKET STREET
SUITE 17
SAN FRANCISCO, CA 94105

CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



CITY OF DUBLIN

NO WORK THIS SHEET

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
 JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-1

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	ALA R20.4/ CC 15.6		63

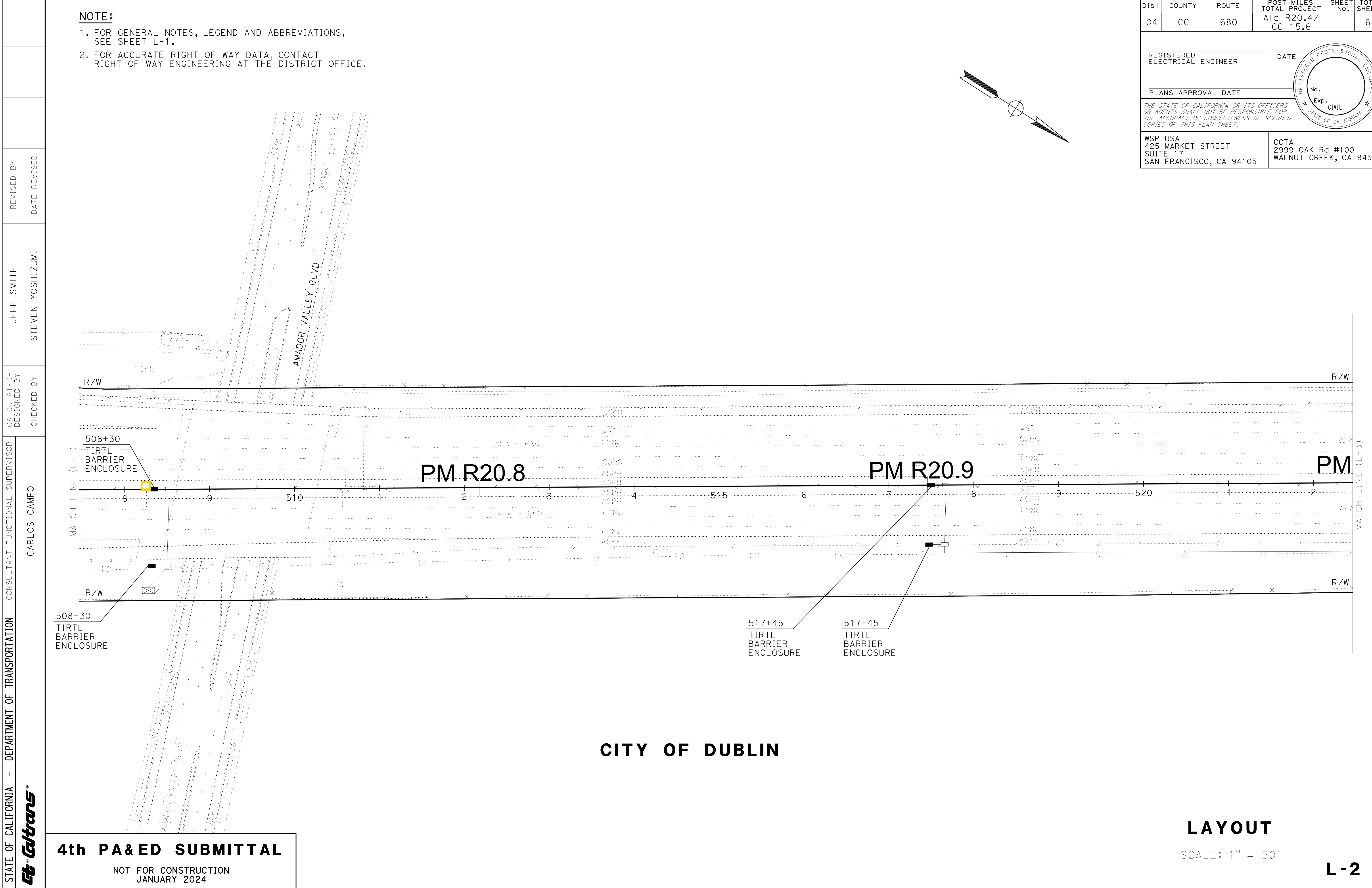
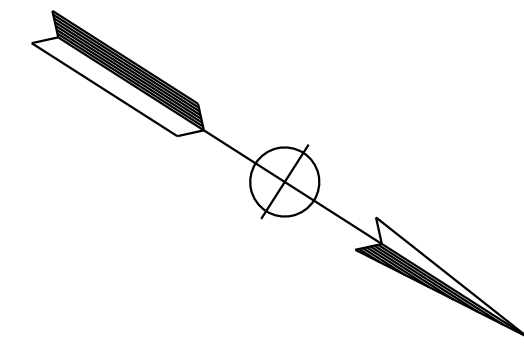
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

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CCTA
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WALNUT CREEK, CA 94597



CITY OF DUBLIN

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JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®

CONSULTANT FUNCTIONAL SUPERVISOR
CARLOS CAMPO

CALCULATED-DESIGNED BY
CHECKED BY

JEFF SMITH
STEVEN YOSHIZUMI

REVISED BY
DATE REVISED

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:42

NOTE:

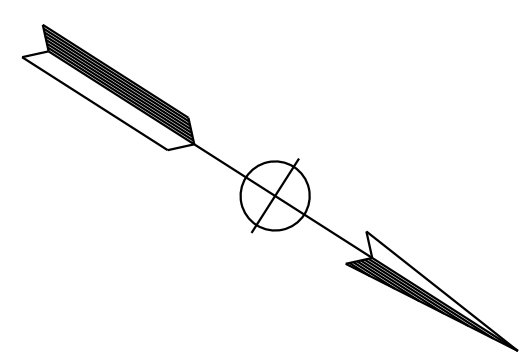
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	ALA R20.4/ CC 15.6		63

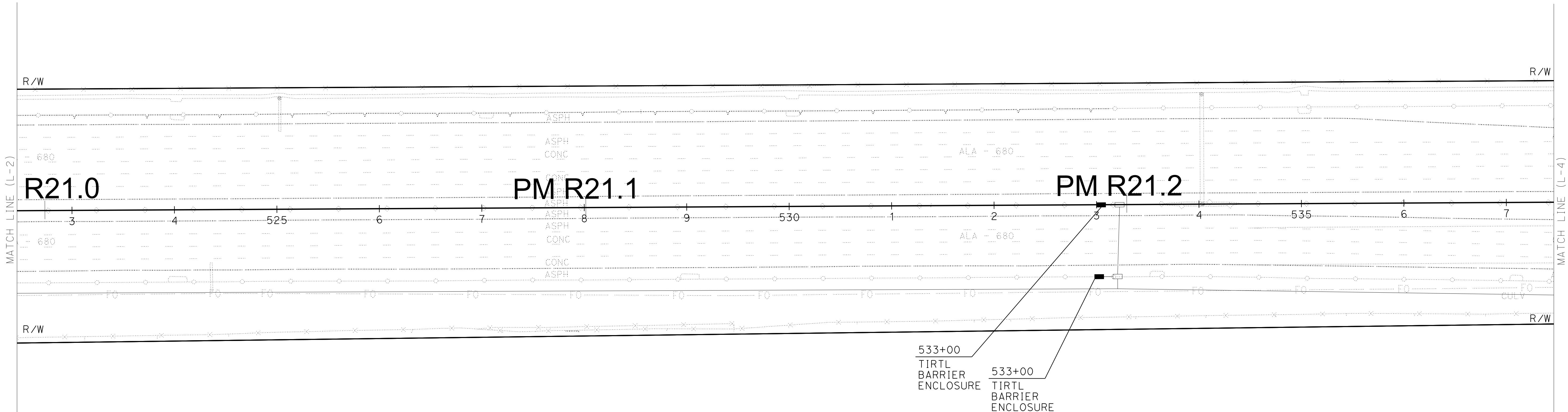
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI		



CITY OF DUBLIN

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-3

LAST REVISION DATE PLOTTED => 25-JAN-2024 00-00-00 TIME PLOTTED => 00:42

NOTE:

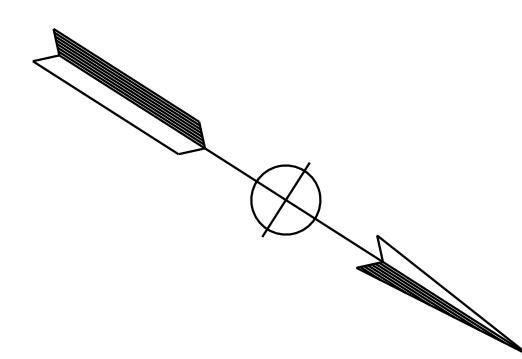
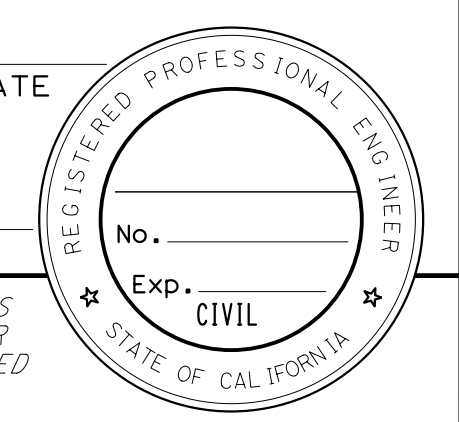
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Ala R20.4/ CC 15.6		63

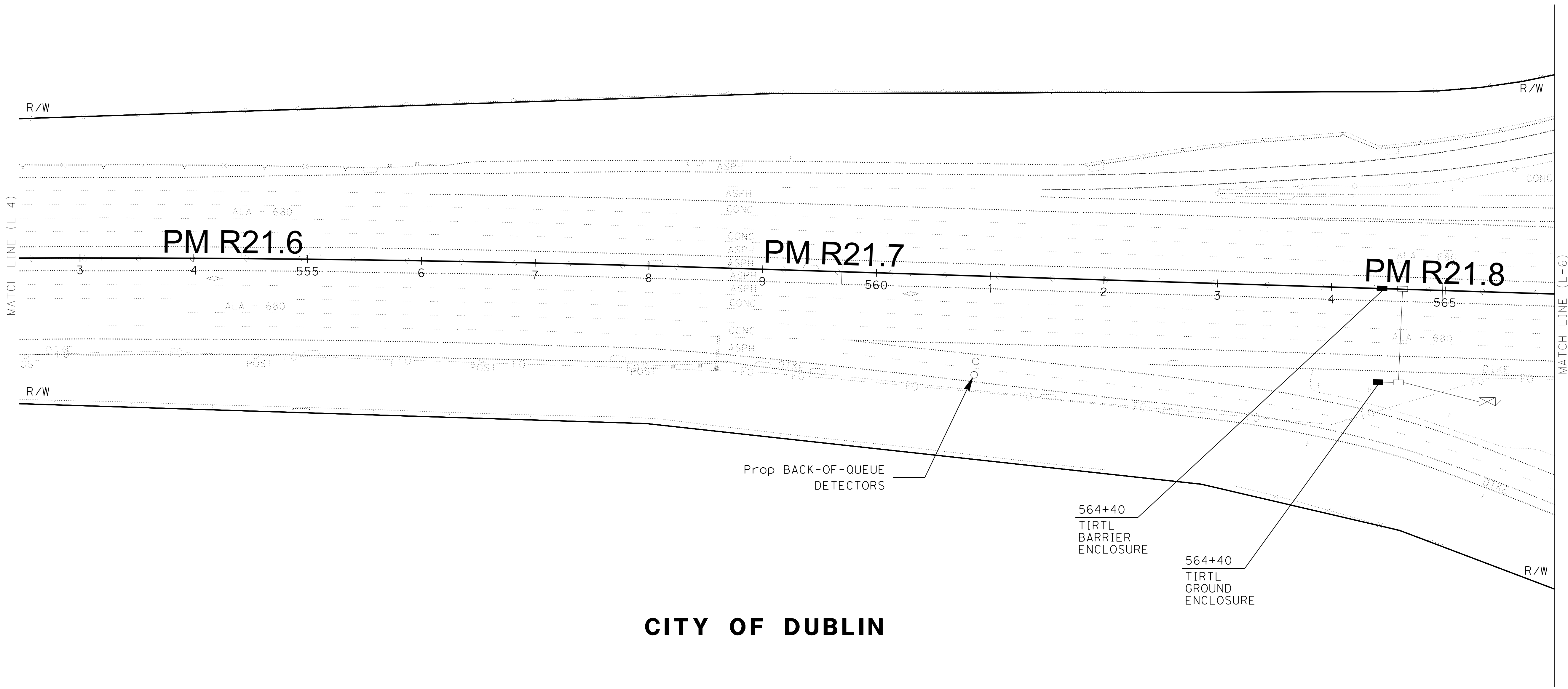
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI		



CITY OF DUBLIN

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JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-5

LAST REVISION: DATE PLOTTED => 25-JAN-2024 TIME PLOTTED => 00:44

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REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

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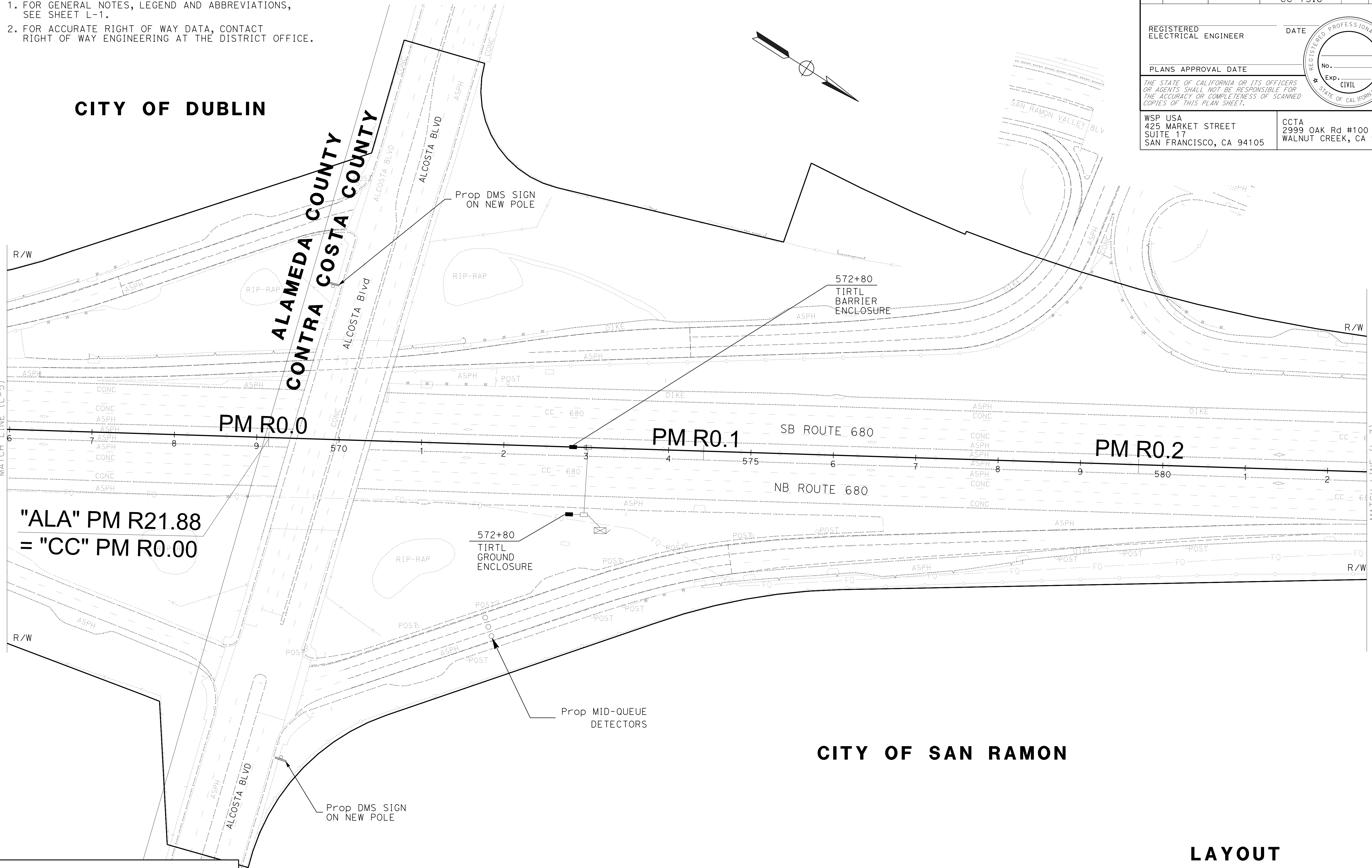
WSP USA
425 MARKET STREET
SUITE 17
SAN FRANCISCO, CA 94105

CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597

CITY OF DUBLIN

**ALAMEDA COUNTY
CONTRA COSTA COUNTY**

CITY OF SAN RAMON



PM R0.0

PM R0.1

PM R0.2

"ALA" PM R21.88
= "CC" PM R0.00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CARLOS CAMPO
 CONSULTANT - FUNCTIONAL SUPERVISOR
 JEFF SMITH
 REVISOR
 STEVEN YOSHIZUMI
 CHECKED BY
 DATE REVISOR

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

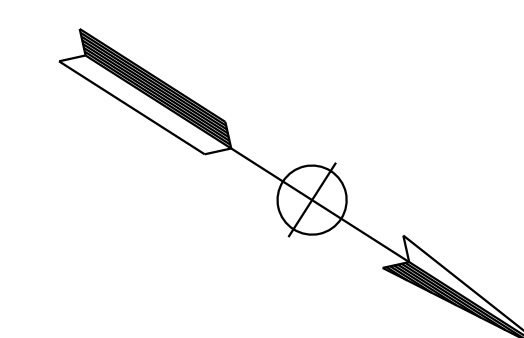
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L-6

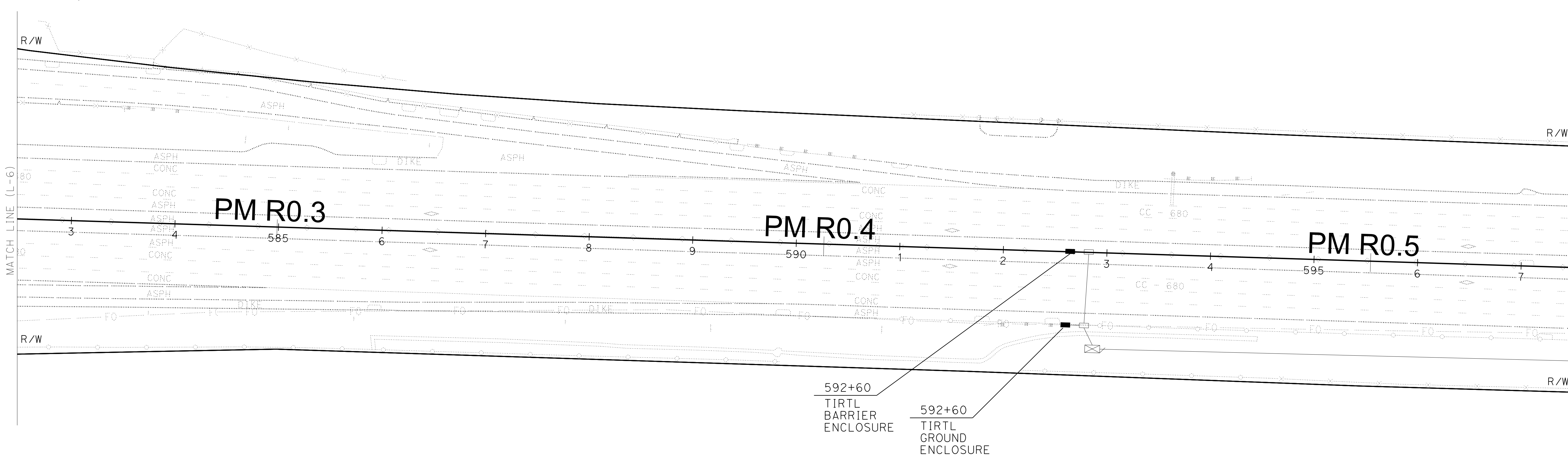
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04	CC	680	A/c R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
			* Exp. CIVIL *		
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans	JEFF SMITH	
CONSULTANT - FUNCTIONAL SUPERVISOR	STEVEN YOSHIZUMI	
DESIGNED BY	CHECKED BY	
CARLOS CAMPO		



CITY OF SAN RAMON

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-7

LAST REVISION: 00-00-00 DATE PLOTTED => 25-JAN-2024 TIME PLOTTED => 00:43

NOTE:

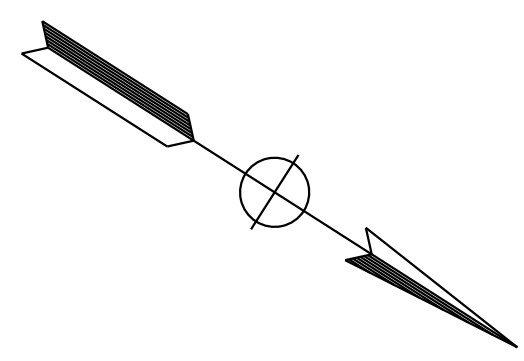
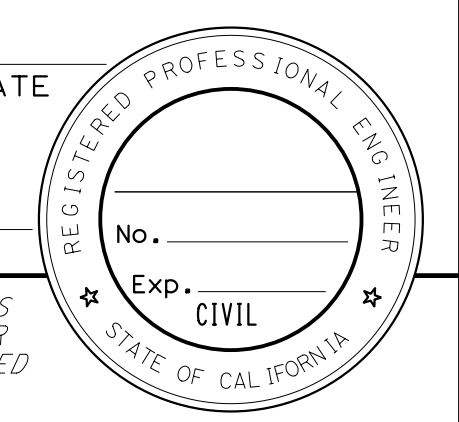
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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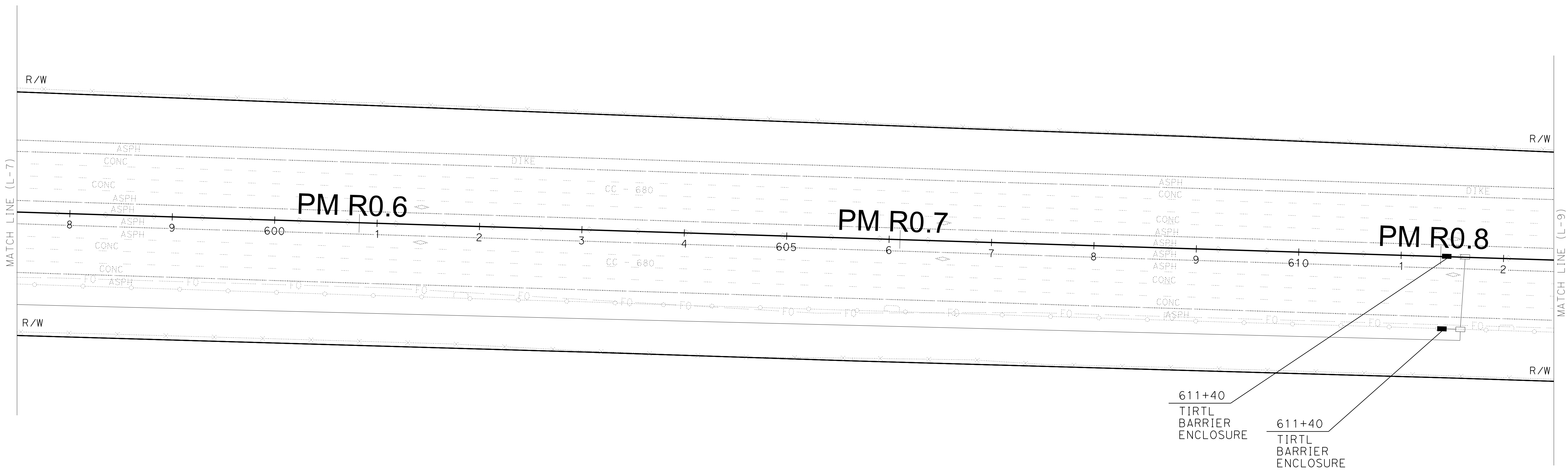
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI		



CITY OF SAN RAMON

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

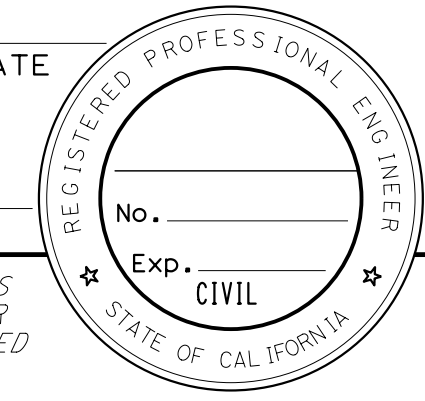
LAYOUT

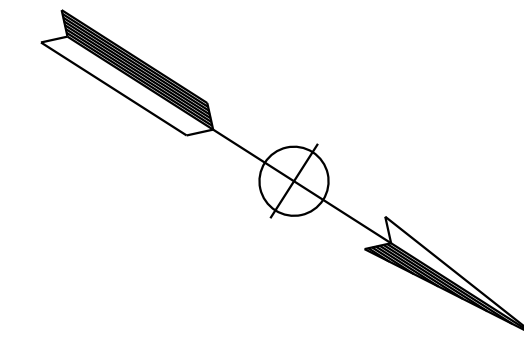
SCALE: 1" = 50'


L-8

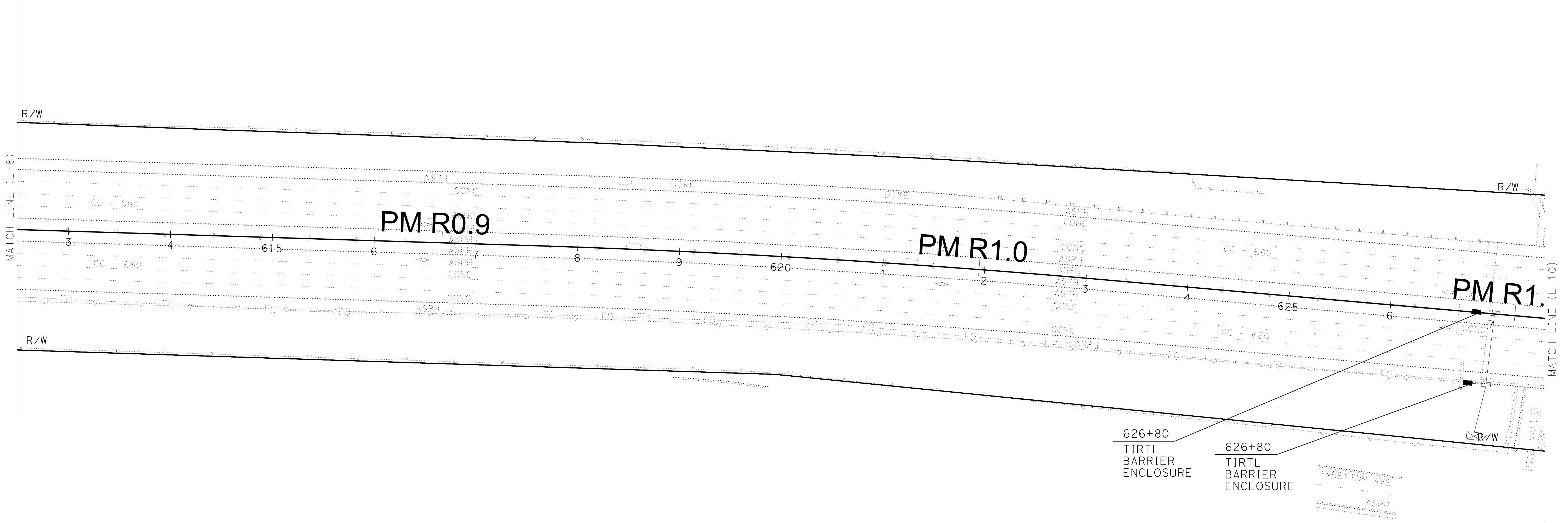
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI		



CITY OF SAN RAMON

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-9



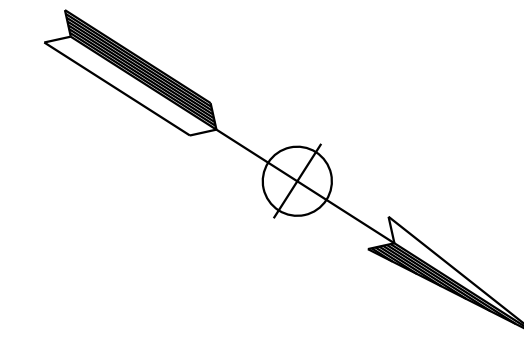
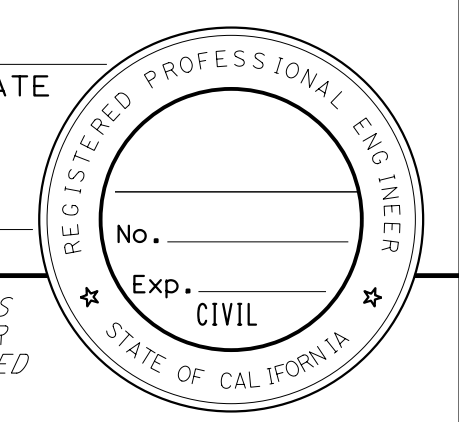
NOTE:

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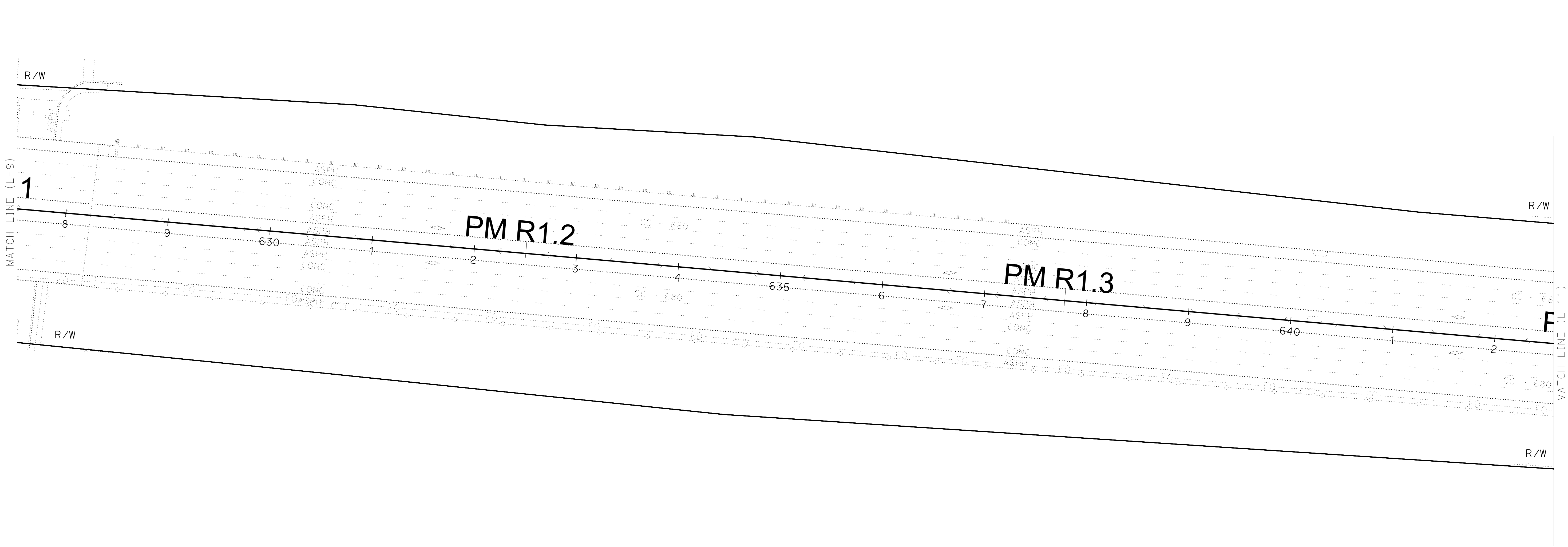
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Ald R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
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WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Et Caltrans®	CARLOS CAMPO		CHECKED BY	JEFF SMITH	
				STEVEN YOSHIZUMI	



CITY OF SAN RAMON

NO WORK THIS SHEET

LAYOUT

SCALE: 1" = 50'

L-10

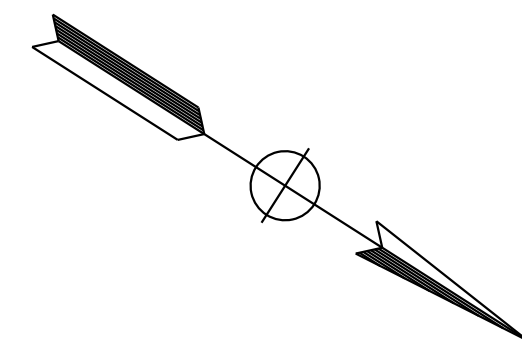
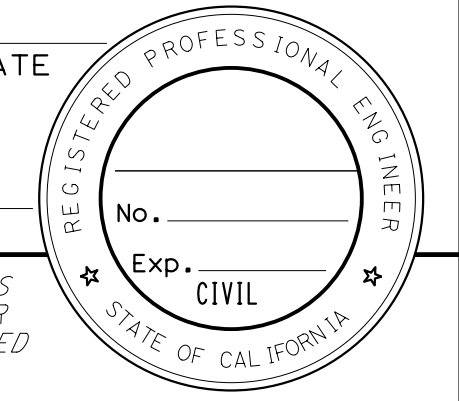
4th PA&ED SUBMITTAL
NOT FOR CONSTRUCTION
JANUARY 2024

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:43

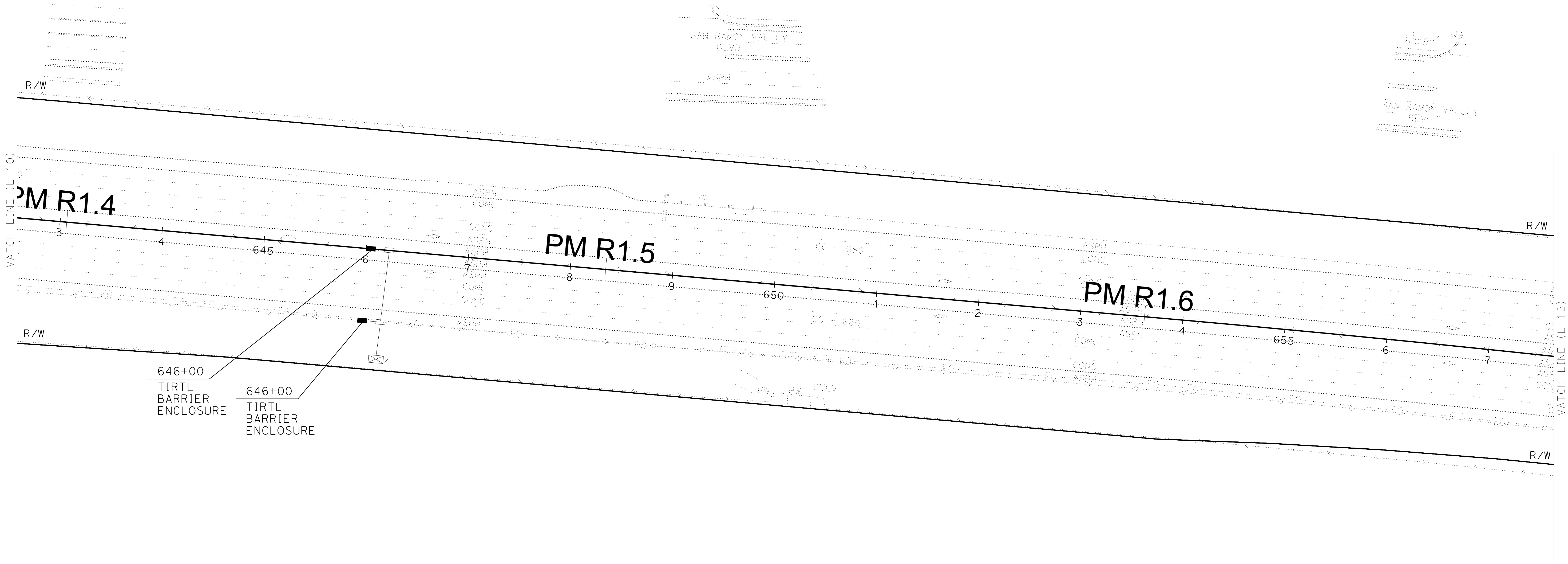
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WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Et Caltrans® CARLOS CAMPO	JEFF SMITH STEVEN YOSHIZUMI	CARLOS CAMPO	JEFF SMITH STEVEN YOSHIZUMI	REVISOR	DATE
				REVISOR	DATE



CITY OF SAN RAMON

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-11



NOTE:

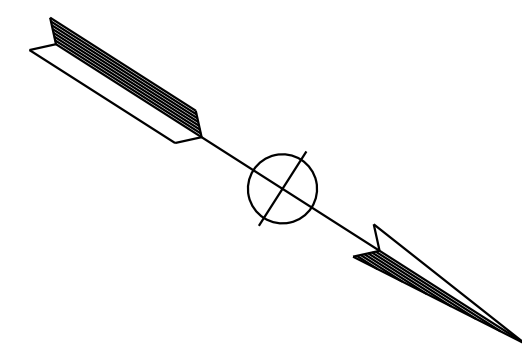
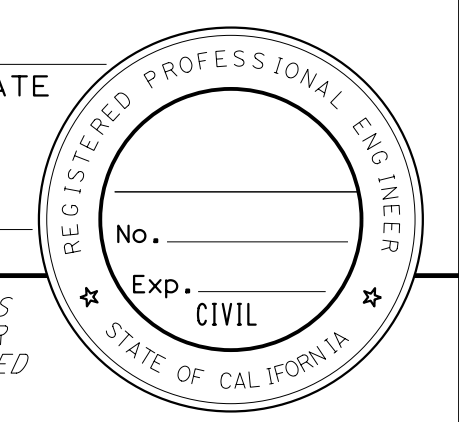
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

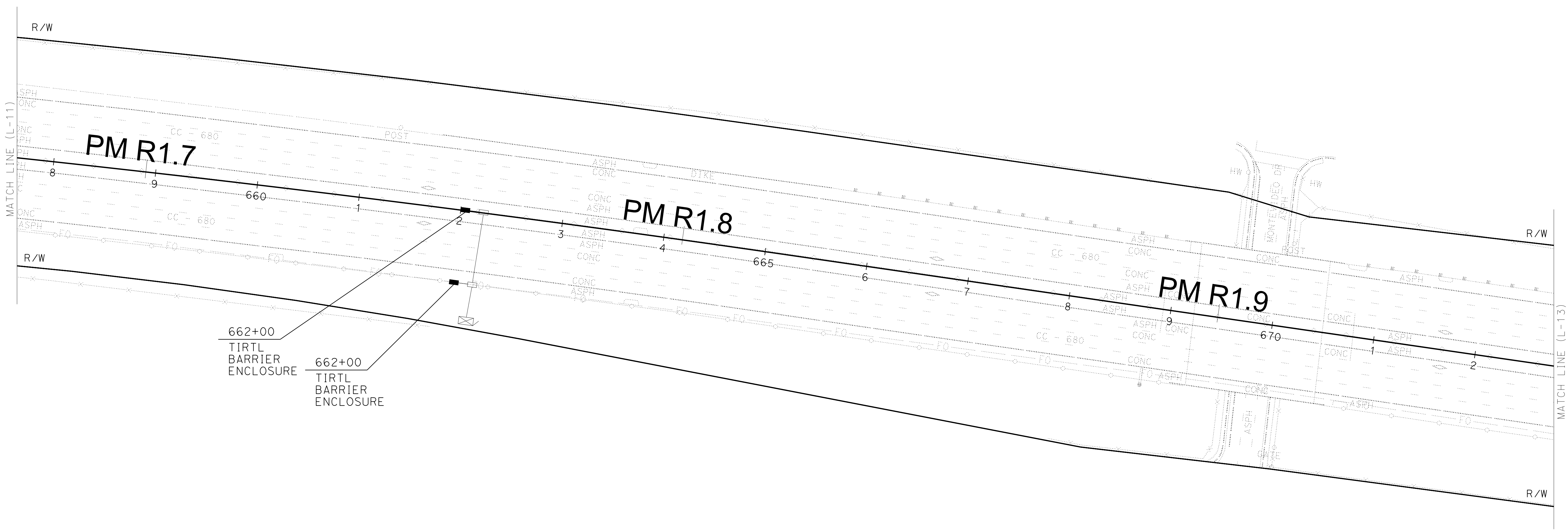
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	JEFF SMITH STEVEN YOSHIZUMI	JEFF SMITH STEVEN YOSHIZUMI



CITY OF SAN RAMON

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JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-12

NOTE:

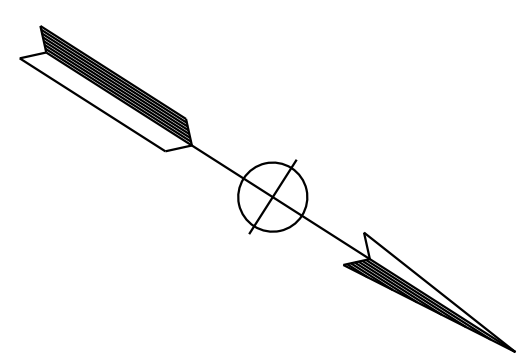
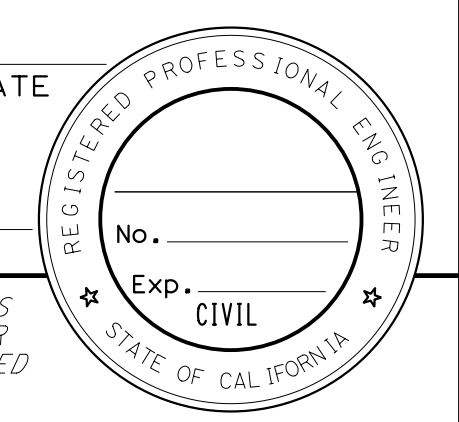
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

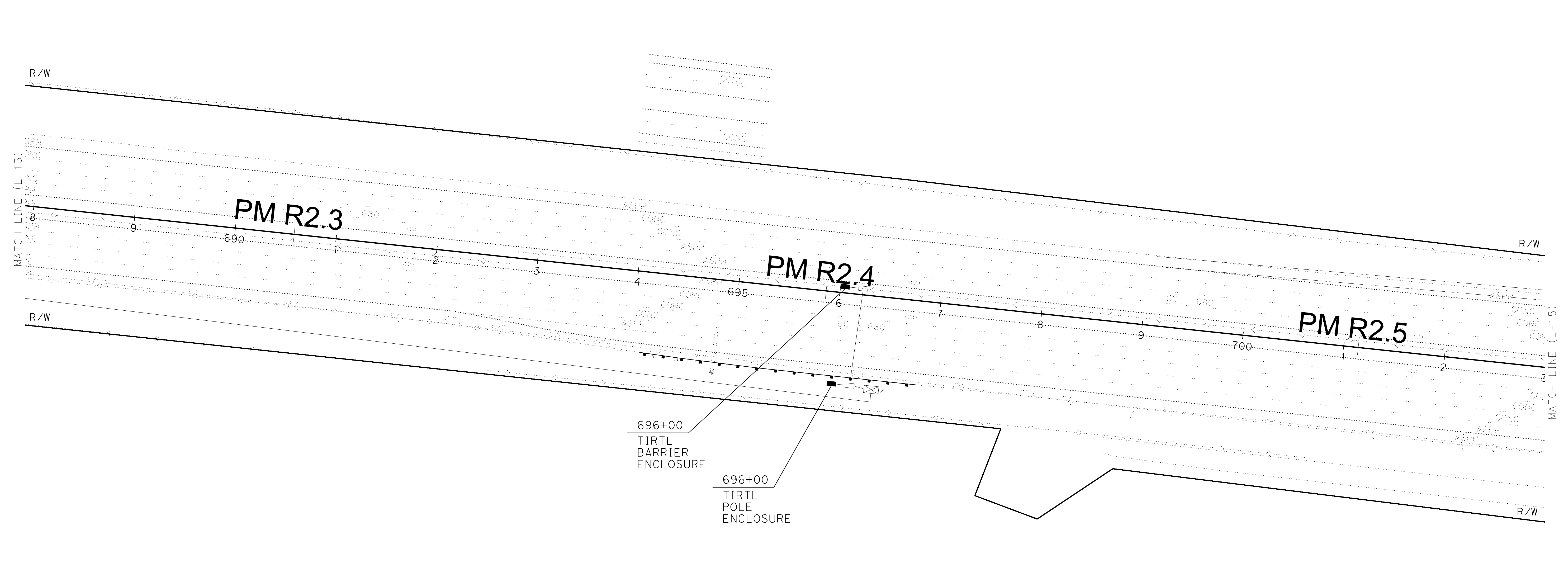
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY	CALCULATED BY	DESIGNED BY	REVISOR	DATE
		CARLOS CAMPO		JEFF SMITH		STEVEN YOSHIZUMI		



CITY OF SAN RAMON

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

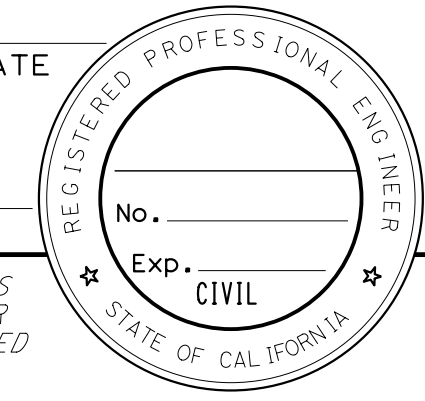
LAYOUT


SCALE: 1" = 50'

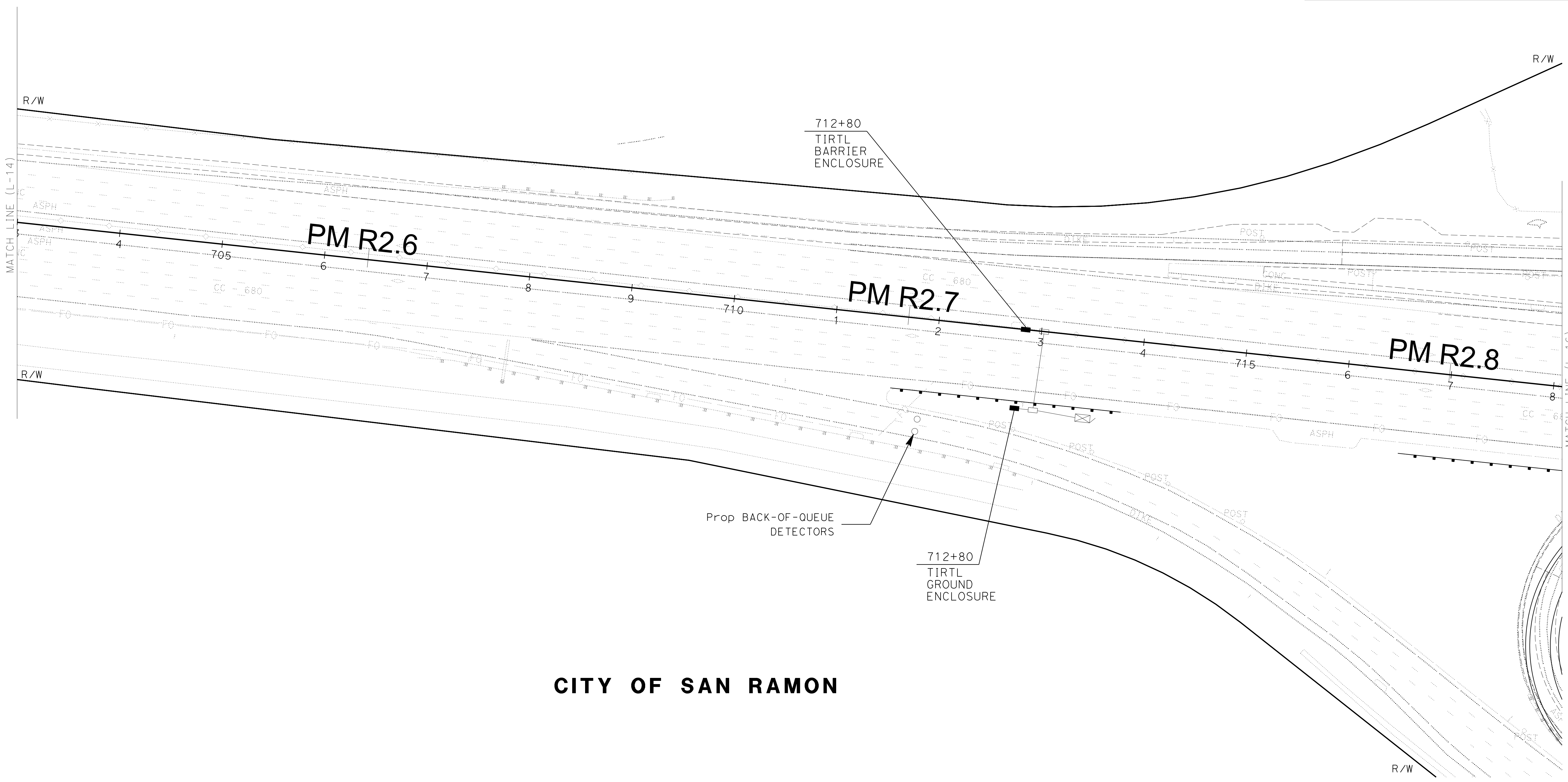
L-14

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alt R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
	CARLOS CAMPO	CHECKED BY	DATE
		JEFF SMITH	STEVEN YOSHIZUMI



CITY OF SAN RAMON

4th PA&ED SUBMITTAL

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JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-15

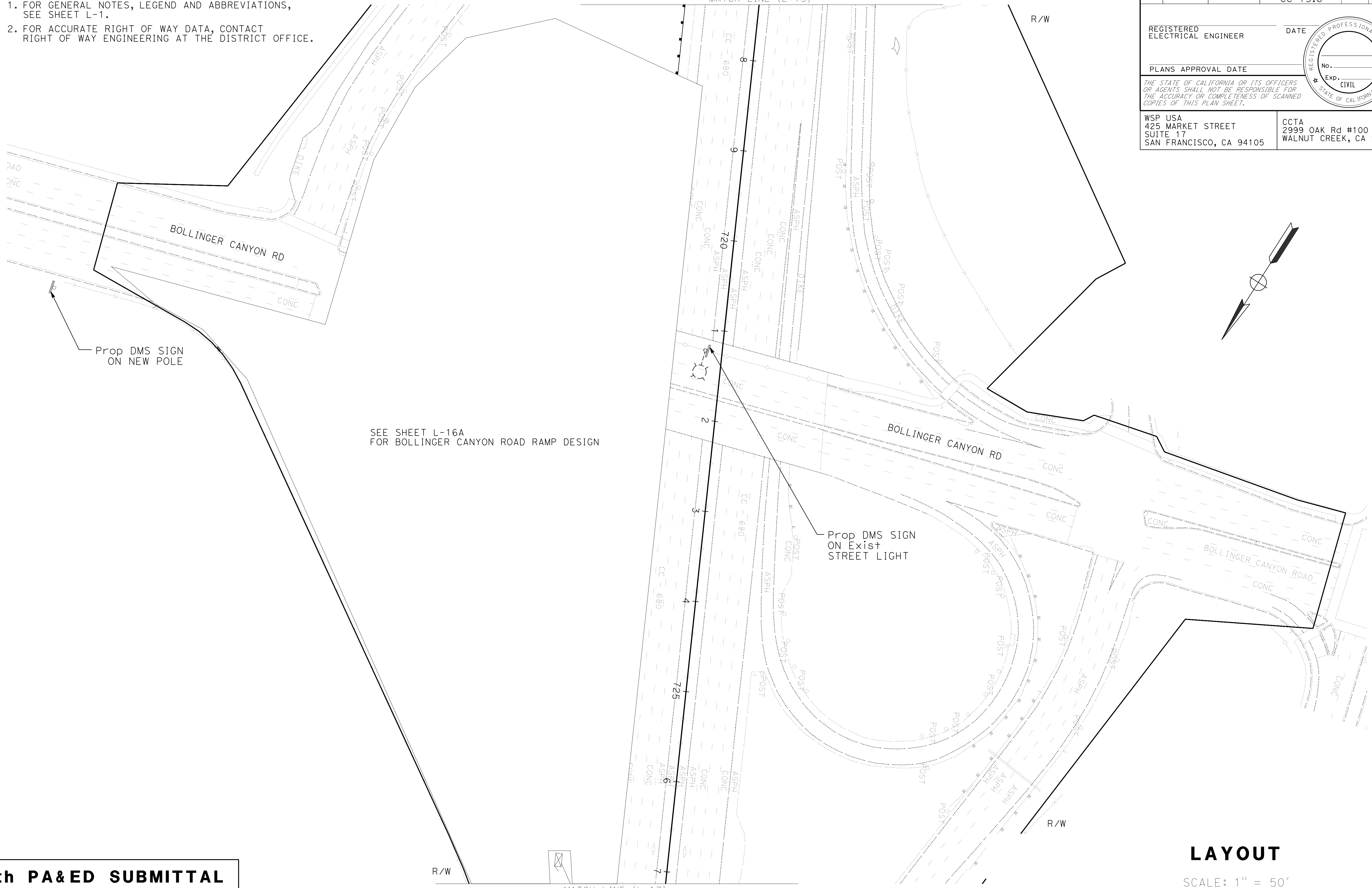
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00-00-00 TIME PLOTTED => 00:45

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
			* Exp. CIVIL *		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>			<small>STATE OF CALIFORNIA</small>		
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI		

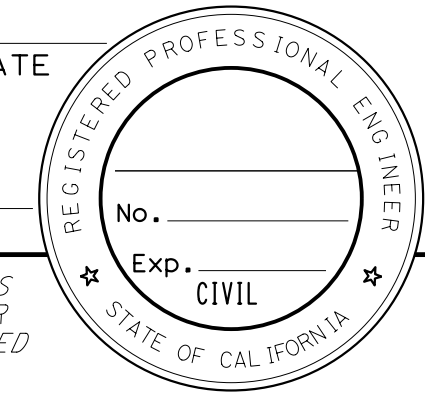


SEE SHEET L-16A FOR BOLLINGER CANYON ROAD RAMP DESIGN

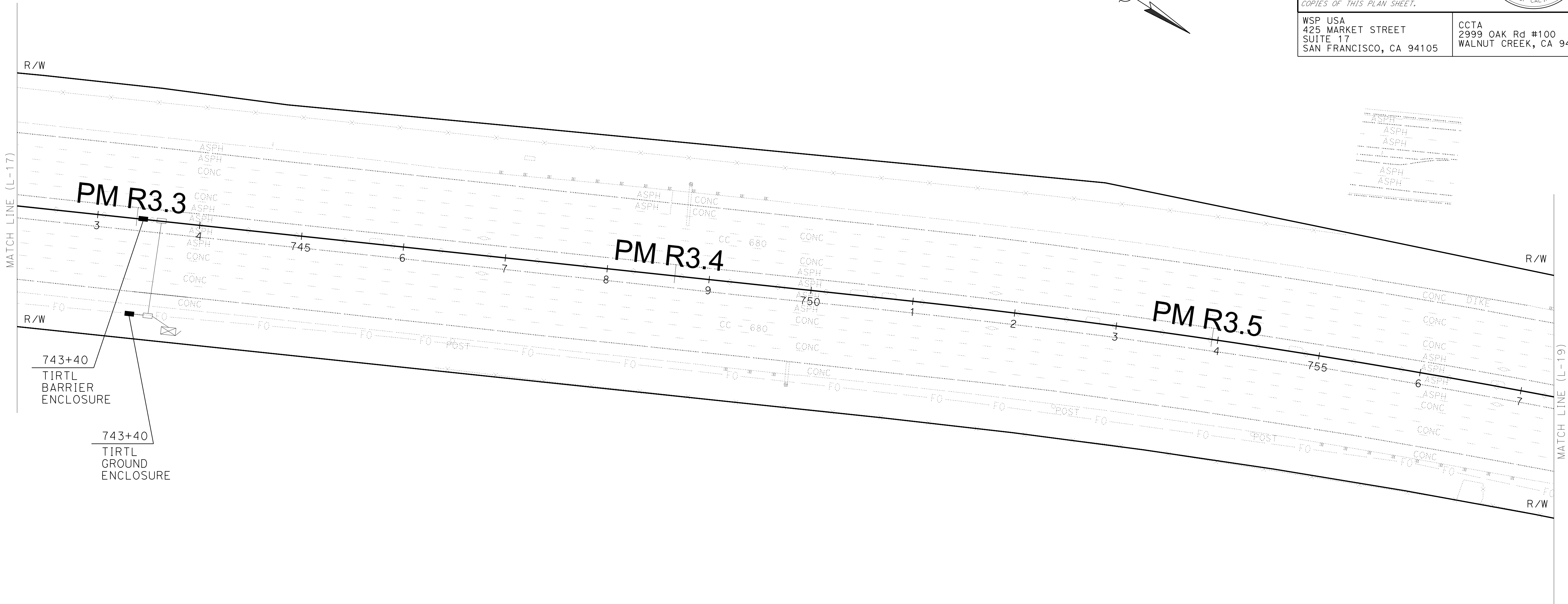
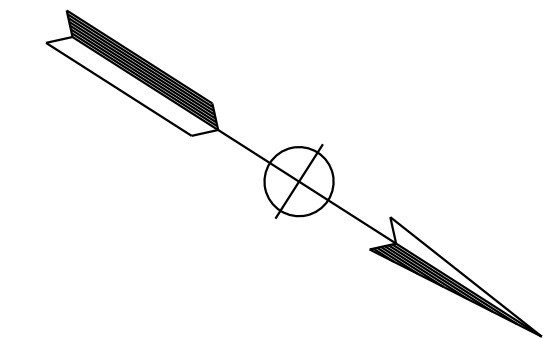
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 JANUARY 2024

LAYOUT
 SCALE: 1" = 50'
L-16

LAST REVISION: DATE PLOTTED => 25-JAN-2024
 00-00-00 TIME PLOTTED => 00:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		

NOTE:
 1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CITY OF SAN RAMON

LAYOUT

SCALE: 1" = 50'

L-18

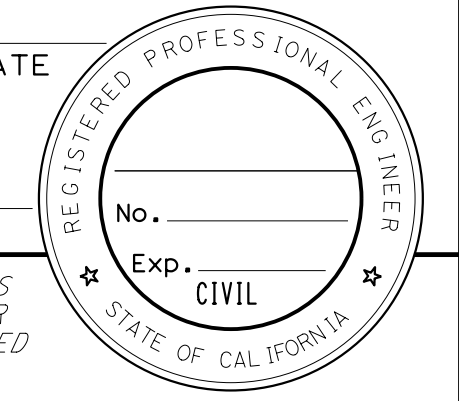
4th PA&ED SUBMITTAL

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 JANUARY 2024

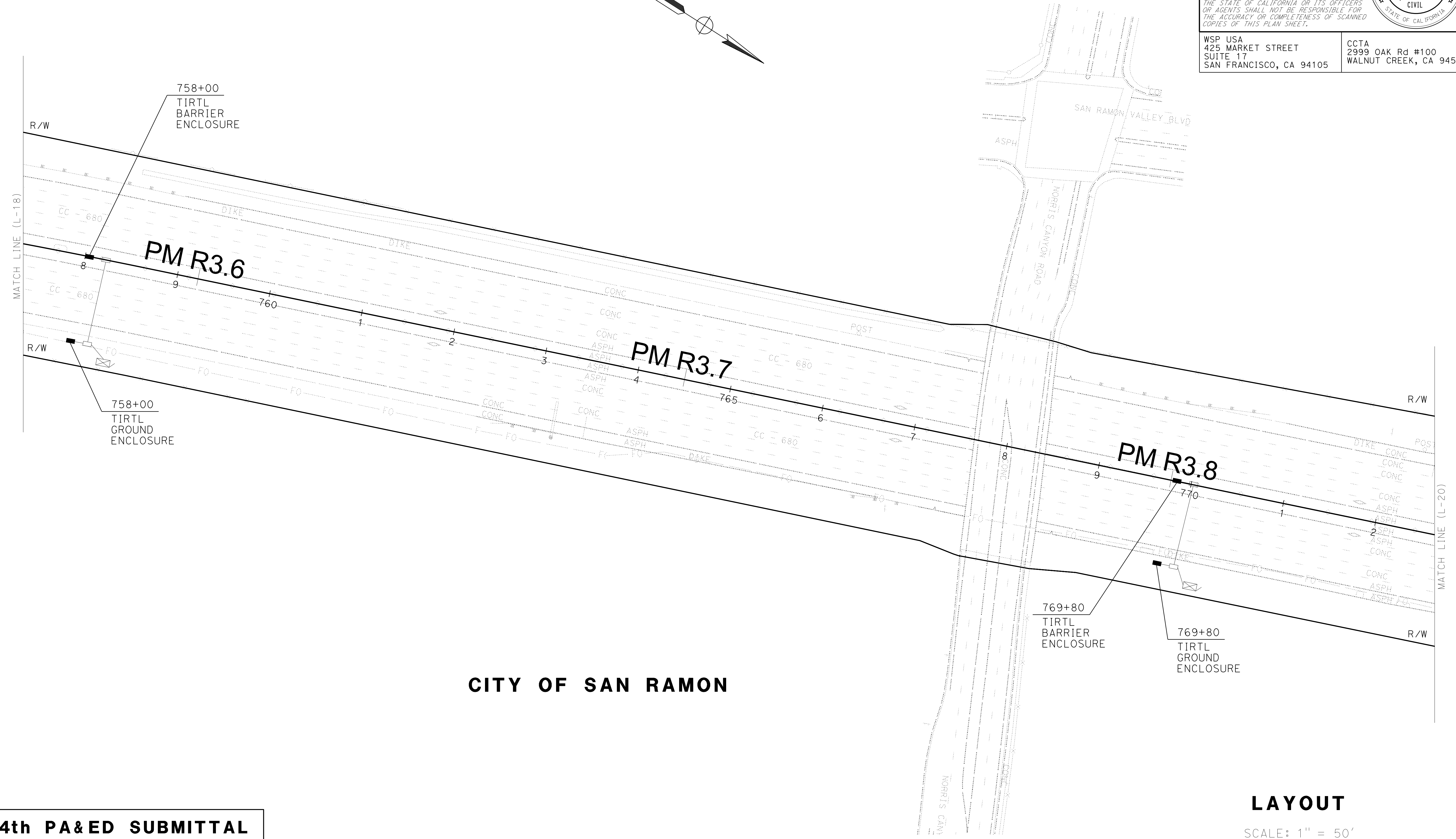
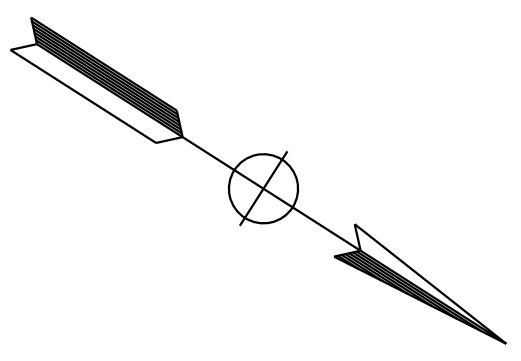
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION


REVISOR	DATE	REVISION
JEFF SMITH		
STEVEN YOSHIZUMI		
CALCULATED/DESIGNED BY	CHECKED BY	
CARLOS CAMPO		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No. _____		
			* Exp. CIVIL *		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>			<small>STATE OF CALIFORNIA</small>		
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



NOTE:
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CITY OF SAN RAMON

LAYOUT

SCALE: 1" = 50'

L-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISOR	DATE
Caltrans	JEFF SMITH	CARLOS CAMPO	STEVEN YOSHIZUMI			

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JANUARY 2024

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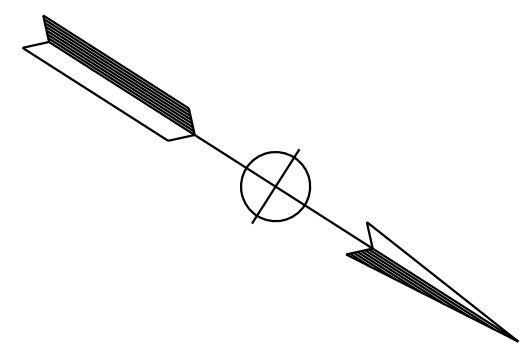
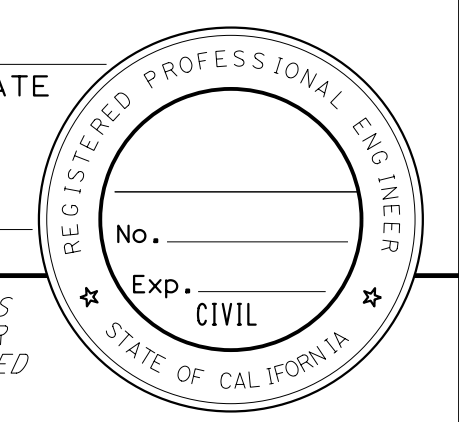


LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:44

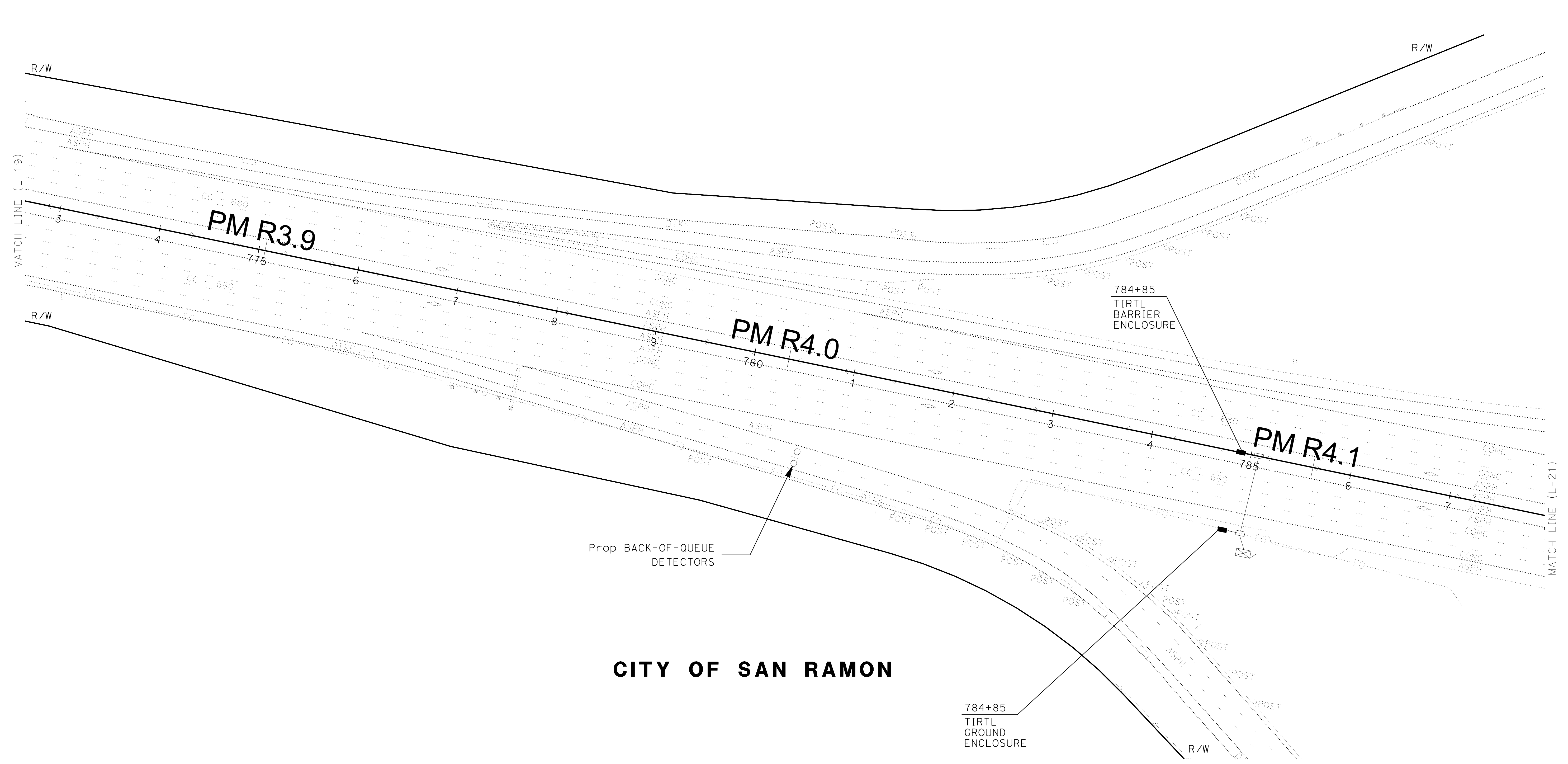
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
			* Exp. CIVIL *		
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY	REVISOR	DATE
Caltrans STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	JEFF SMITH	CARLOS CAMPO	STEVEN YOSHIZUMI	JEFF SMITH	JEFF SMITH	
	STEVEN YOSHIZUMI					



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JANUARY 2024

LAYOUT

SCALE: 1" = 50'

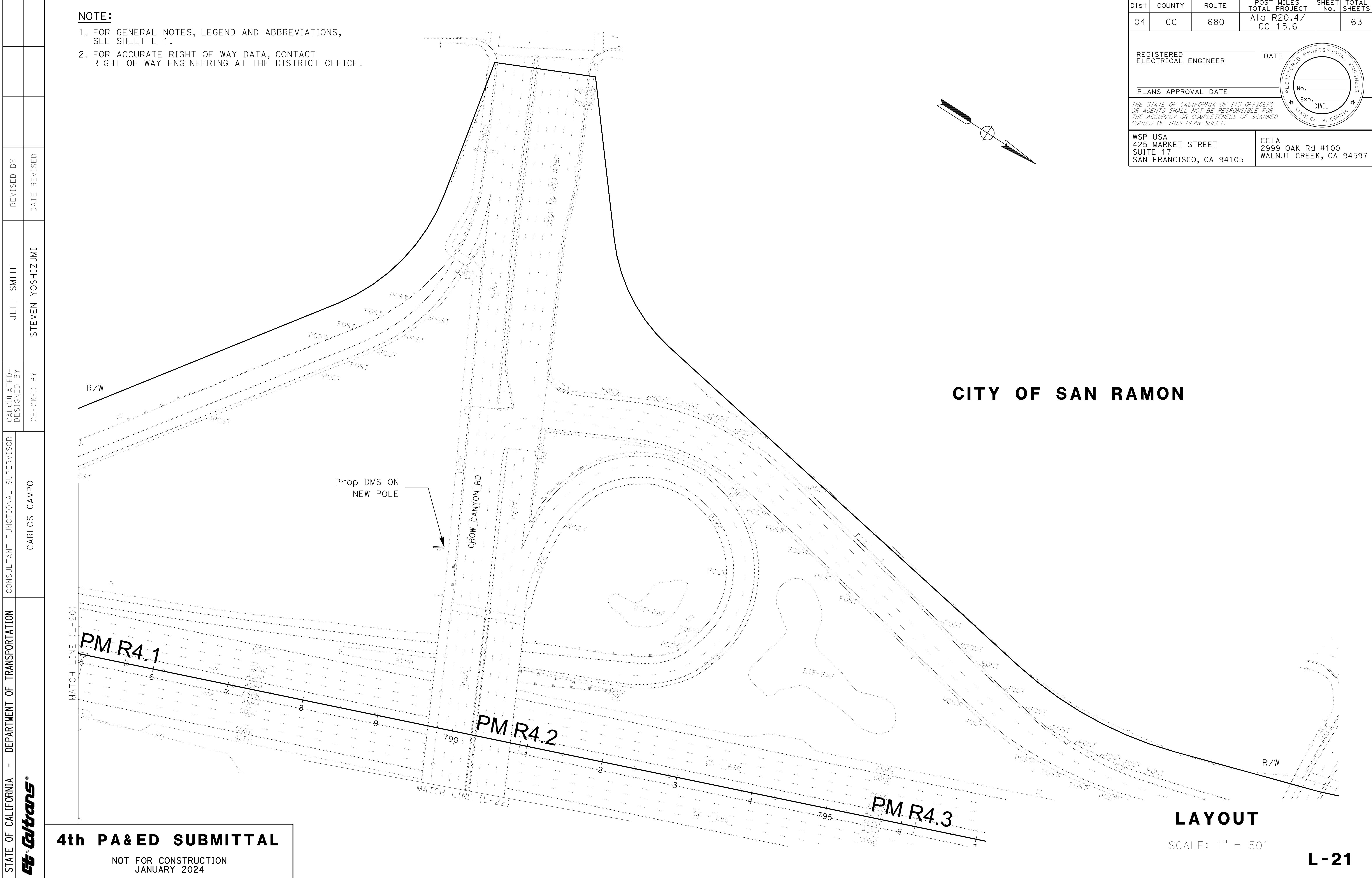
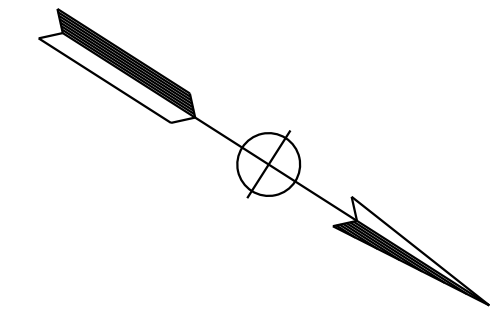
L-20



NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
			* Exp. CIVIL *		
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



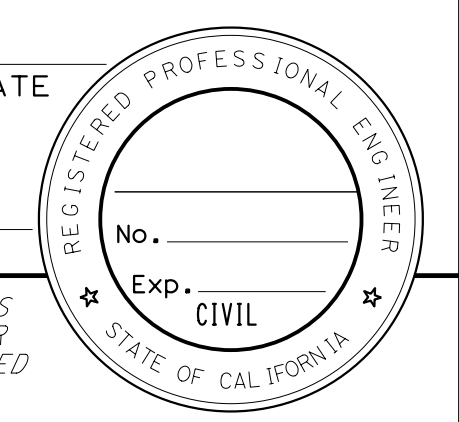
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Jeff Smith	Carlos Campo	Steven Yoshizumi	Jeff Smith
Checked By	Checked By	Checked By	Checked By

4th PA&ED SUBMITTAL
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 JANUARY 2024

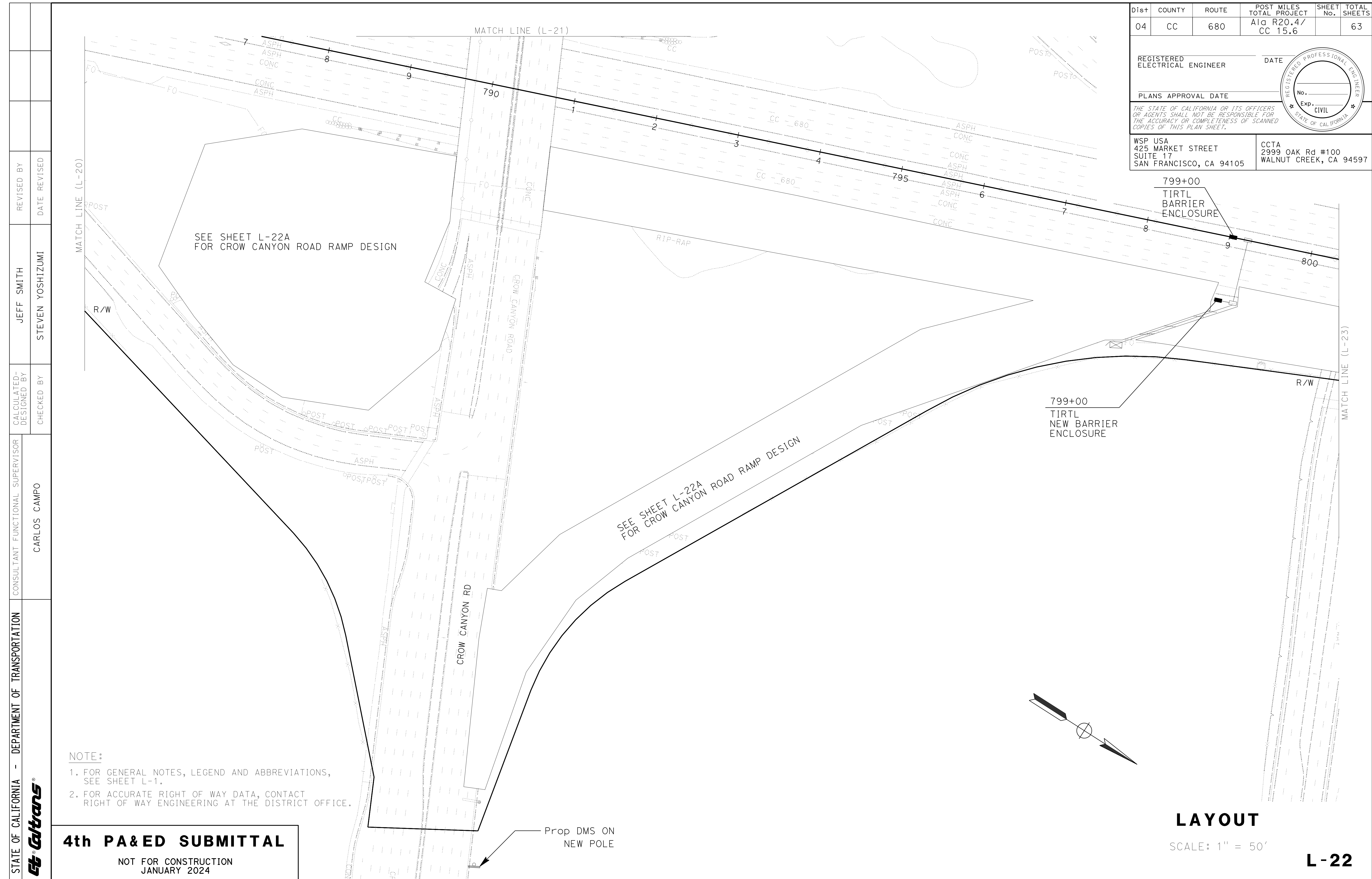
LAYOUT
 SCALE: 1" = 50'
L-21

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER _____ DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



WSP USA
 425 MARKET STREET
 SUITE 17
 SAN FRANCISCO, CA 94105
 CCTA
 2999 OAK Rd #100
 WALNUT CREEK, CA 94597



SEE SHEET L-22A FOR CROW CANYON ROAD RAMP DESIGN

SEE SHEET L-22A FOR CROW CANYON ROAD RAMP DESIGN

- NOTE:
- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
 - FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

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 JANUARY 2024

Prop DMS ON NEW POLE

LAYOUT

SCALE: 1" = 50'

L-22

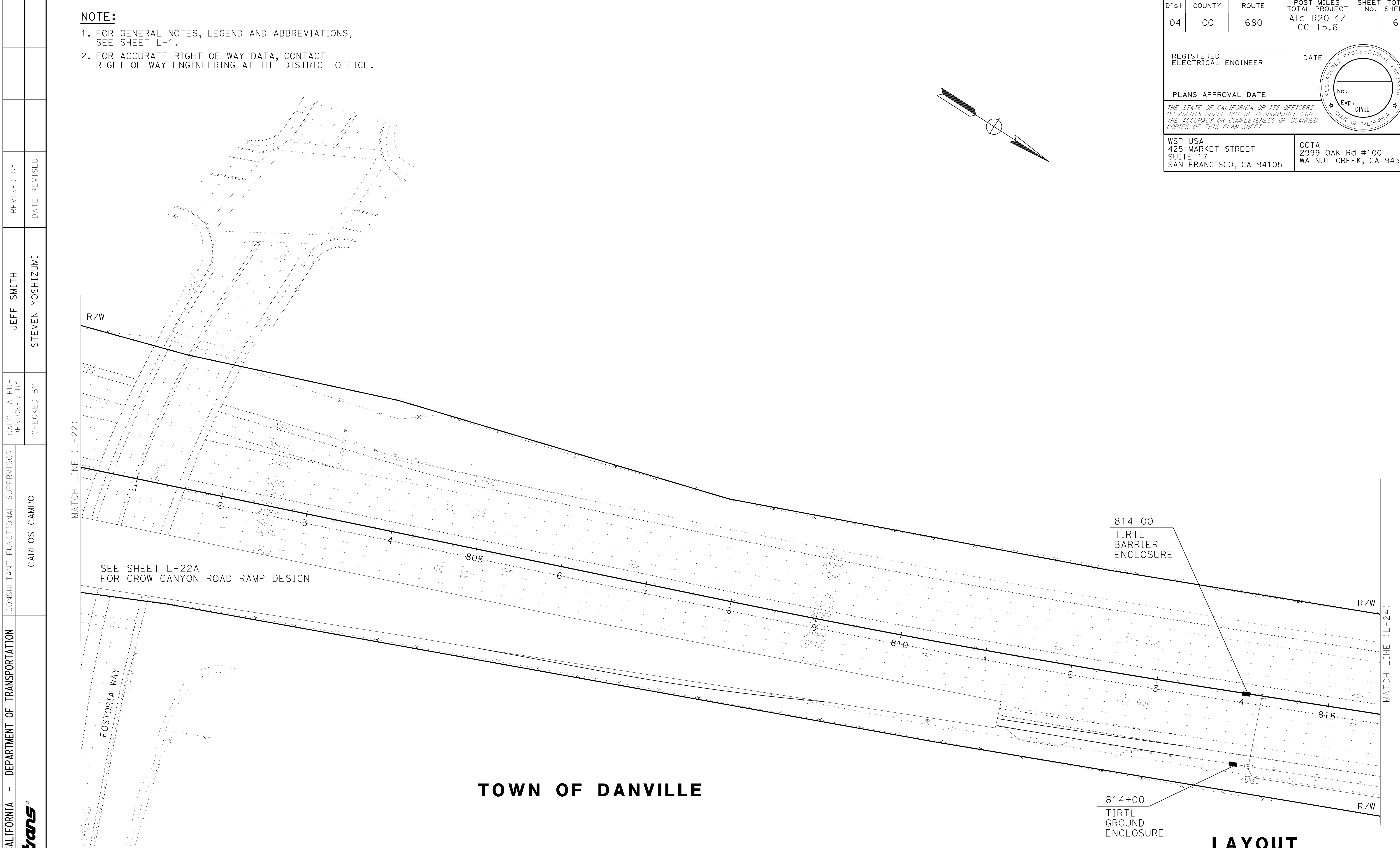
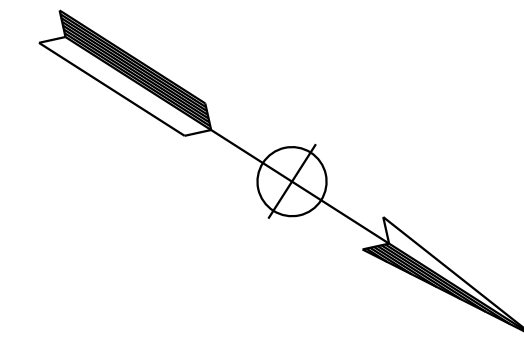
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	DATE REVISED
		JEFF SMITH	
		STEVEN YOSHIZUMI	

LAST REVISION DATE PLOTTED => 25-JAN-2024
 00-00-00 TIME PLOTTED => 00:45

NOTE:

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2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No. _____		
			* Exp. CIVIL *		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI		

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 NOT FOR CONSTRUCTION
 JANUARY 2024

LAYOUT
 SCALE: 1" = 50'
L-23

NOTE:

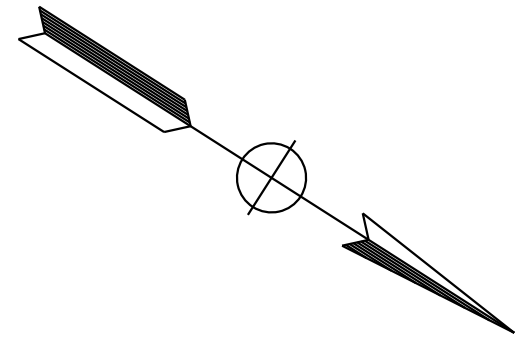
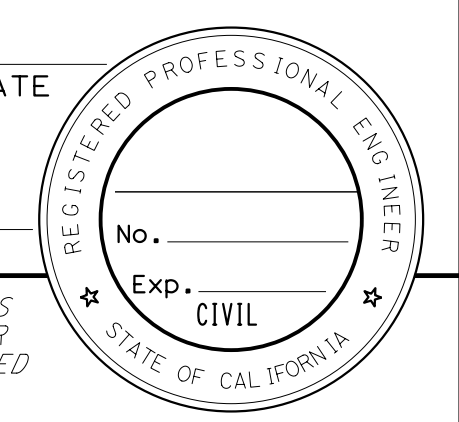
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

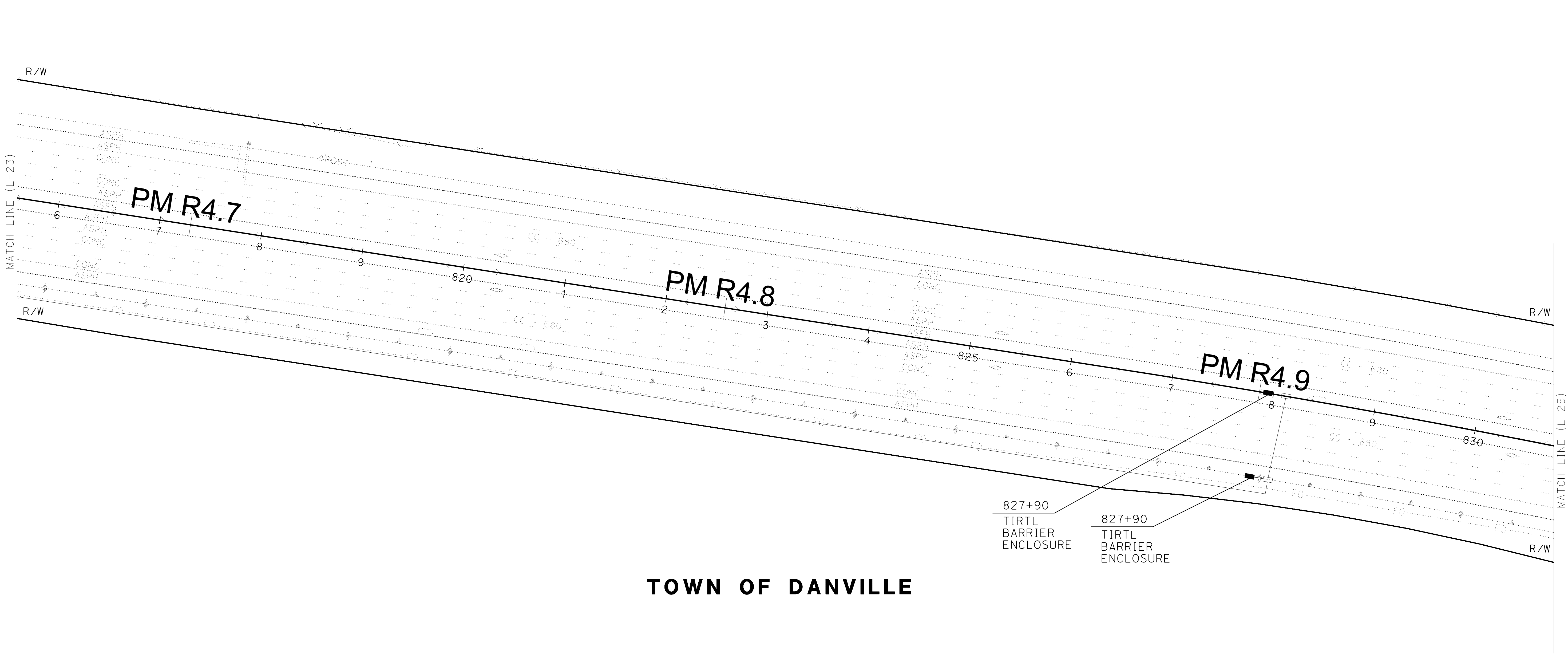
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	DATE REVISED
		JEFF SMITH	
		STEVEN YOSHIZUMI	



TOWN OF DANVILLE

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-24

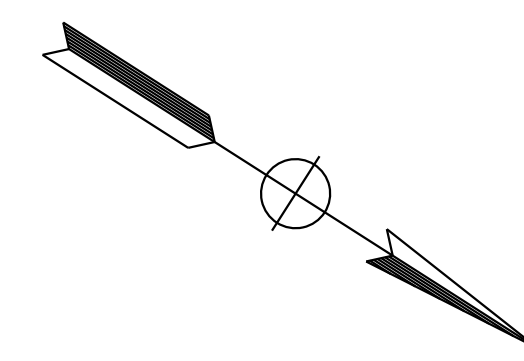
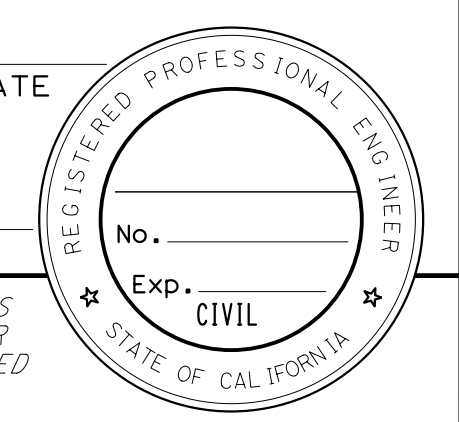
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

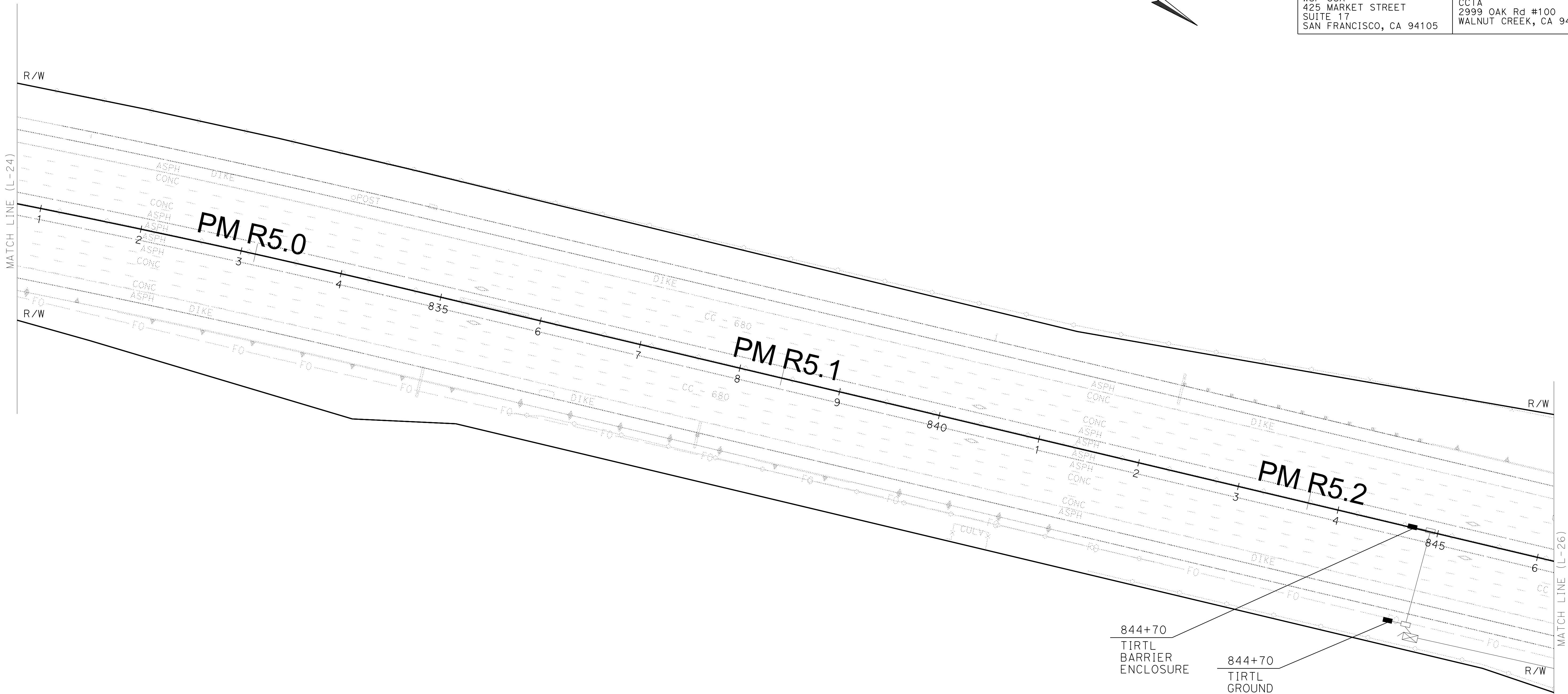
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans®	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI		



TOWN OF DANVILLE

4th PA&ED SUBMITTAL

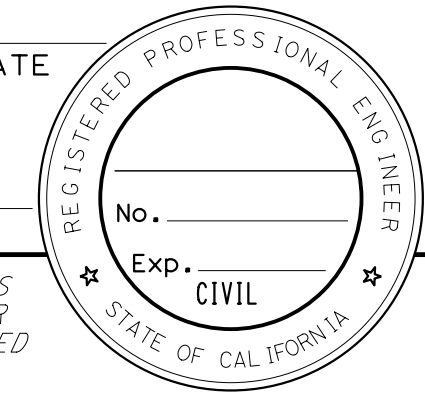
NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

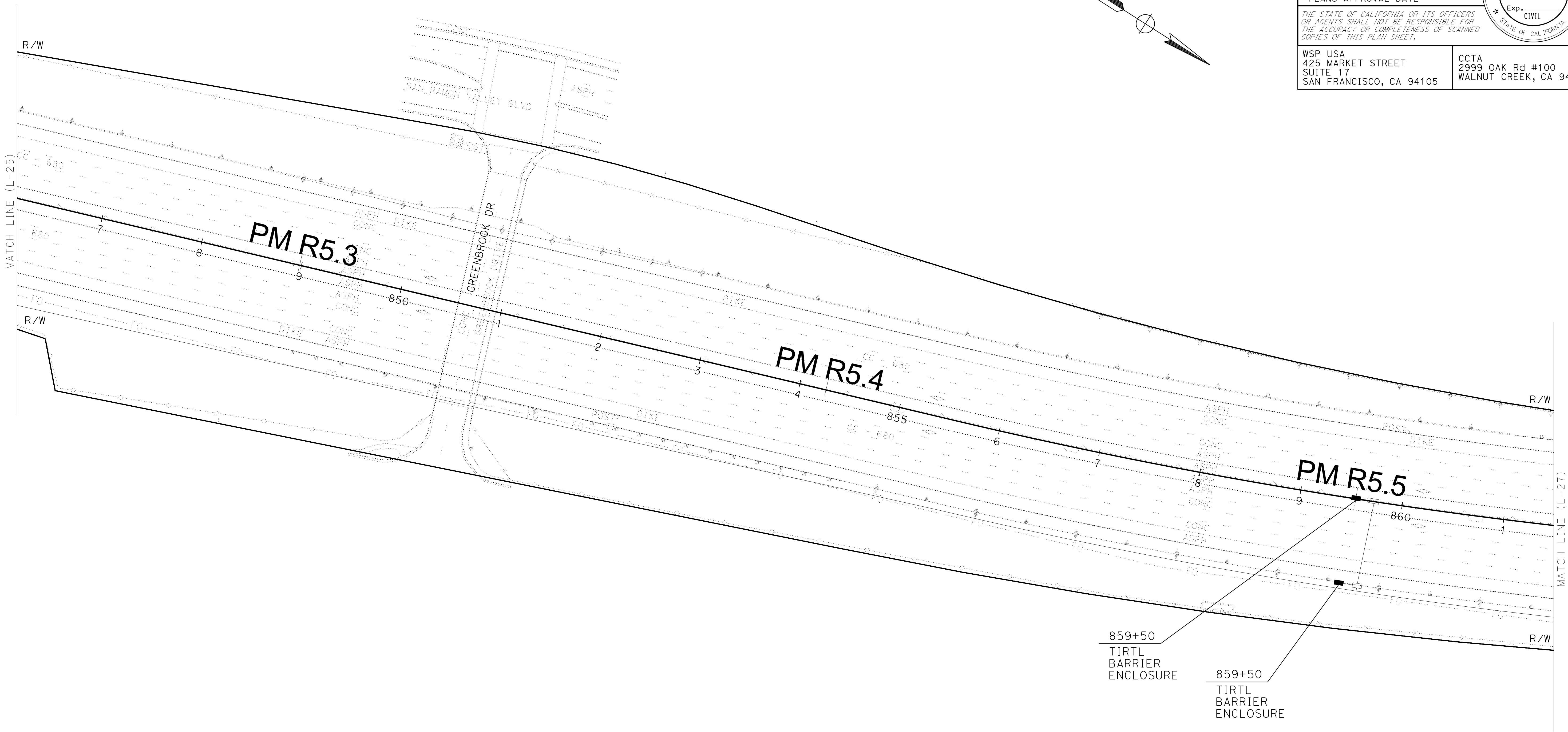
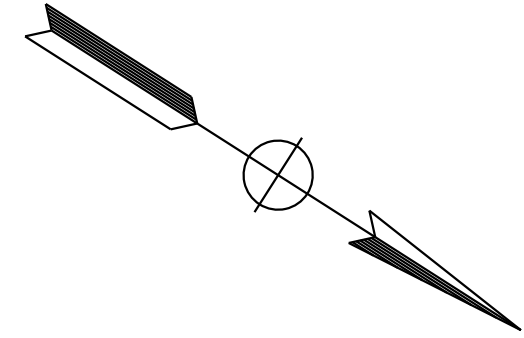
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L-25

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:44

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE					
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WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		

NOTE:
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 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



TOWN OF DANVILLE


4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
 JANUARY 2024

LAYOUT

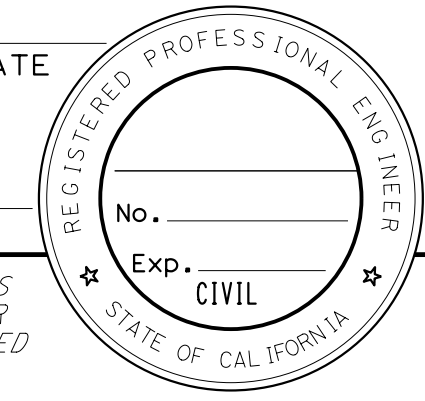
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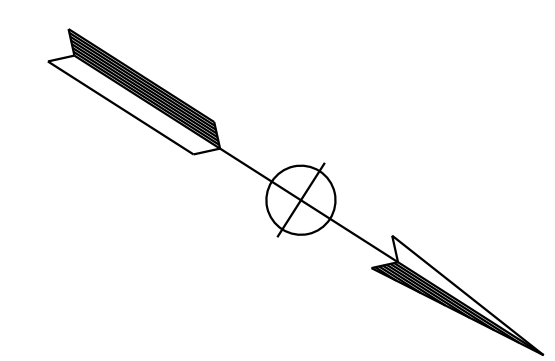
L-26


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
	JEFF SMITH	
	STEVEN YOSHIZUMI	
CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	
CARLOS CAMPO		

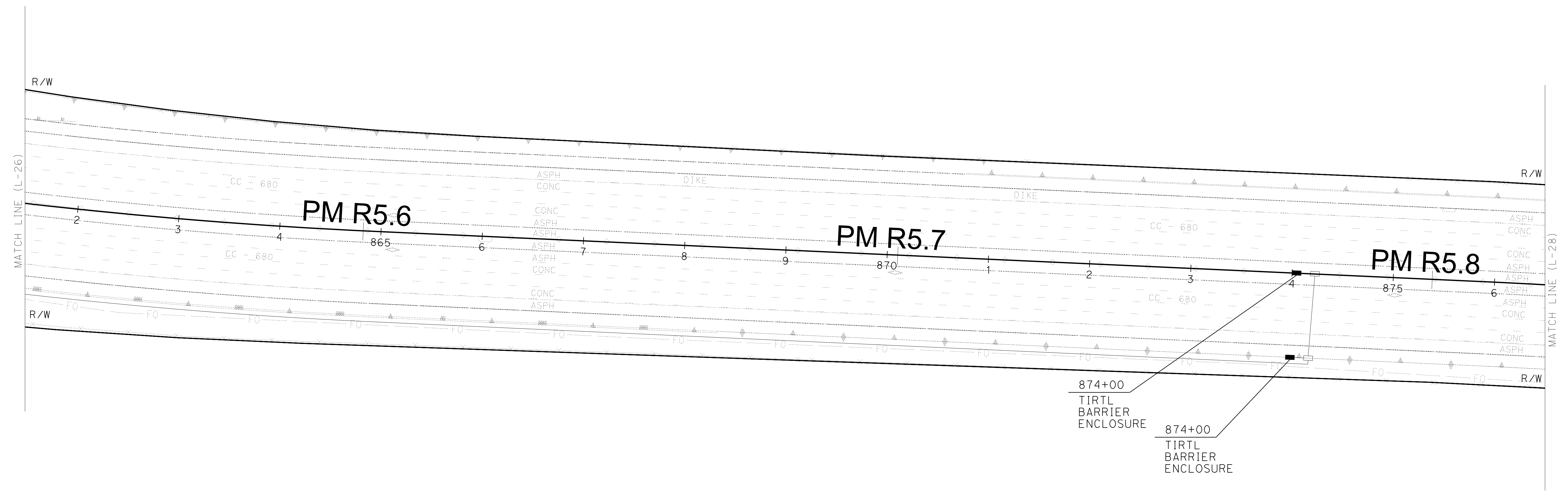
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE					
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI		



TOWN OF DANVILLE

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-27

NOTE:

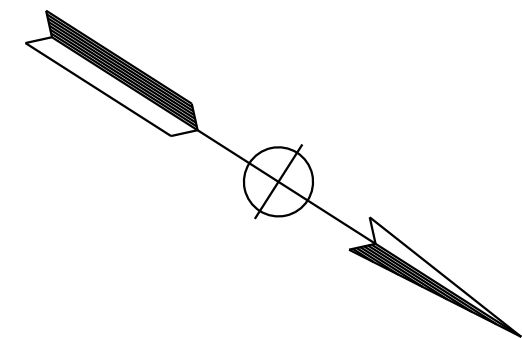
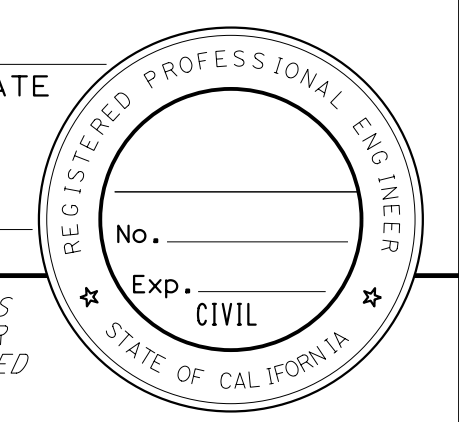
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

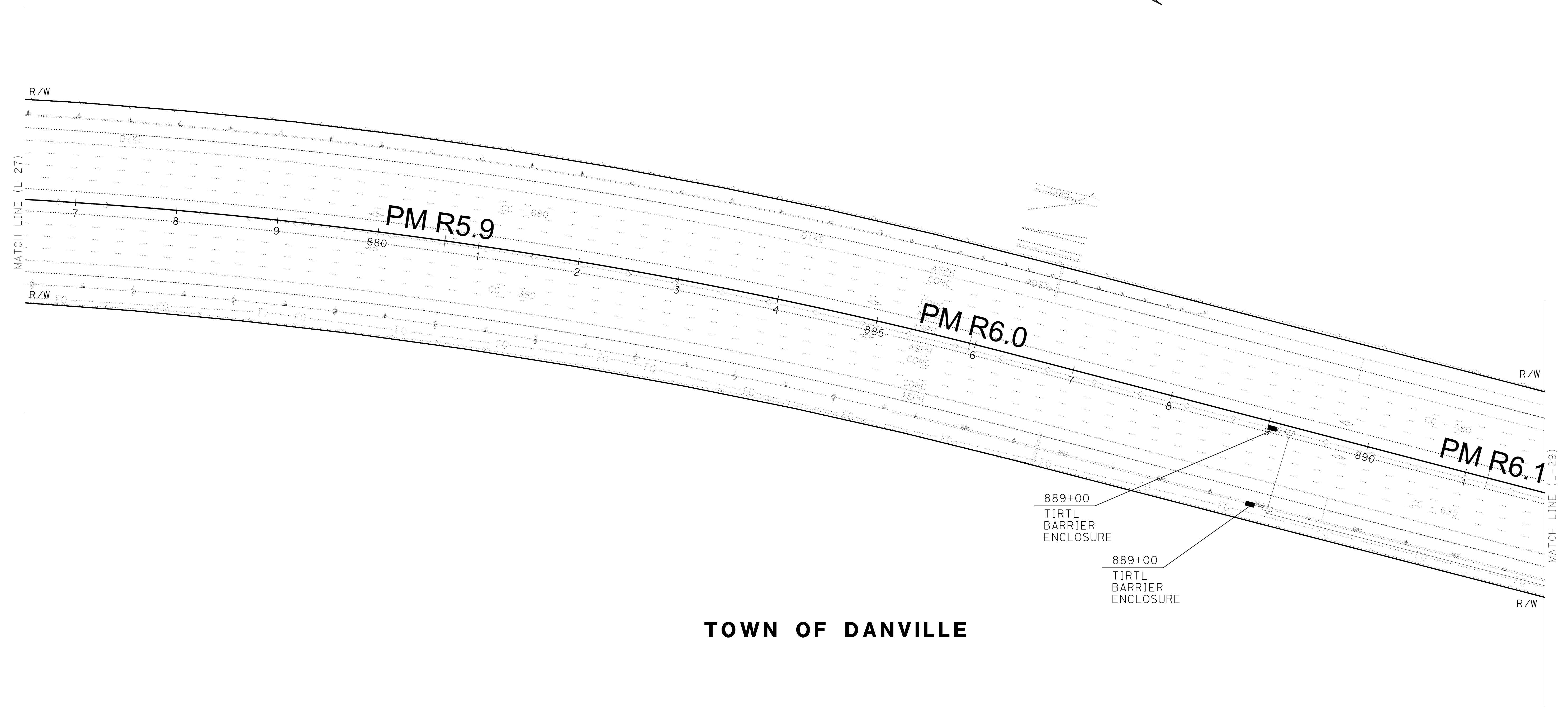
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	DATE
		JEFF SMITH	REVISOR
		STEVEN YOSHIZUMI	DATE



TOWN OF DANVILLE

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-28

NOTE:

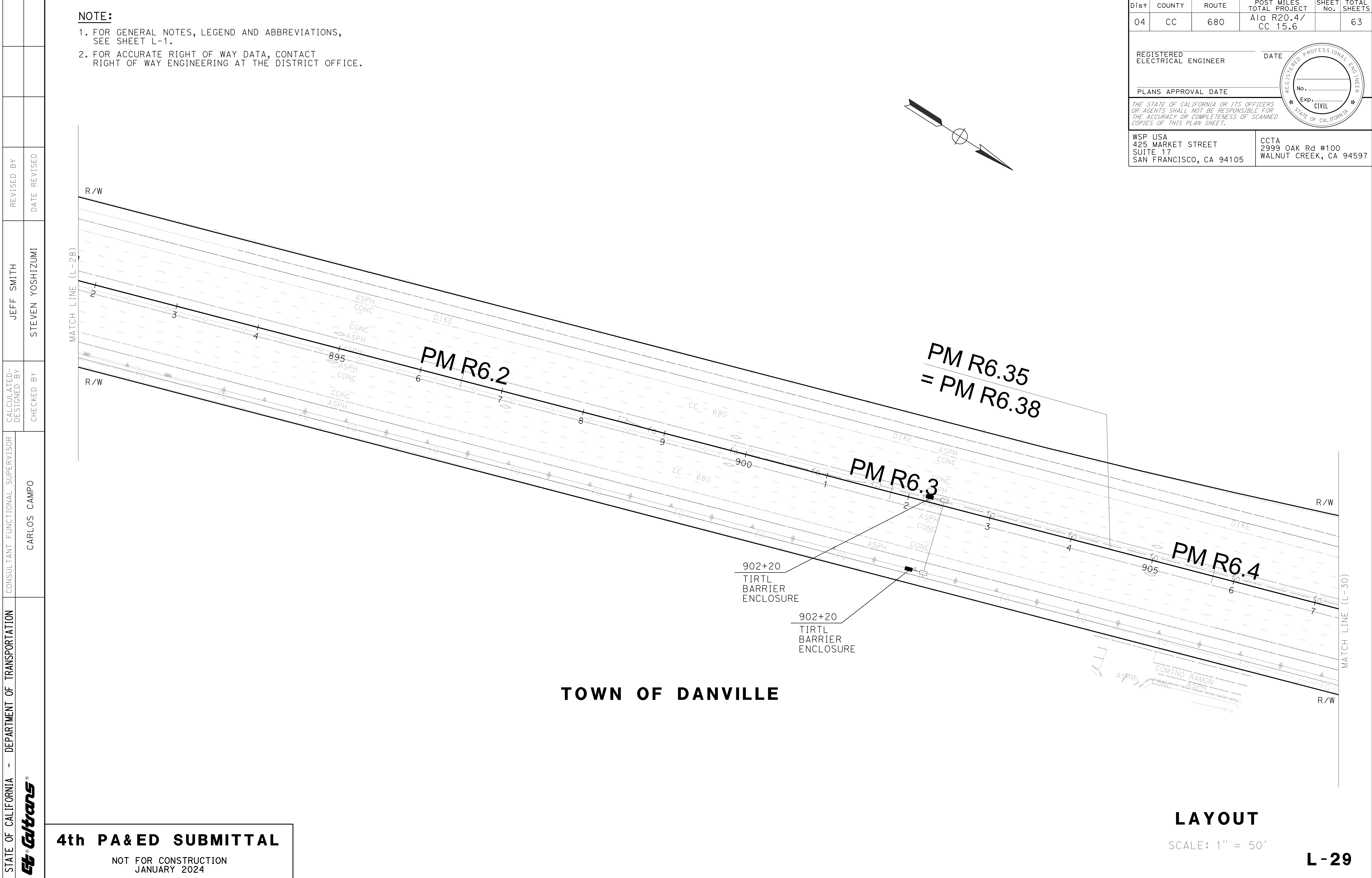
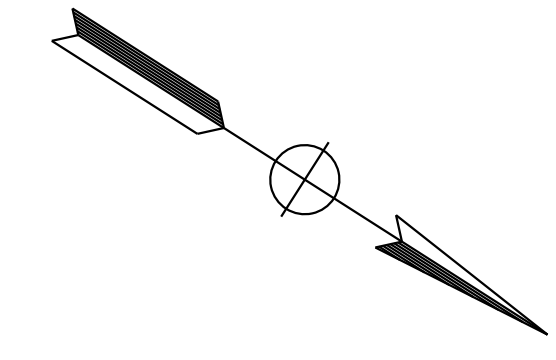
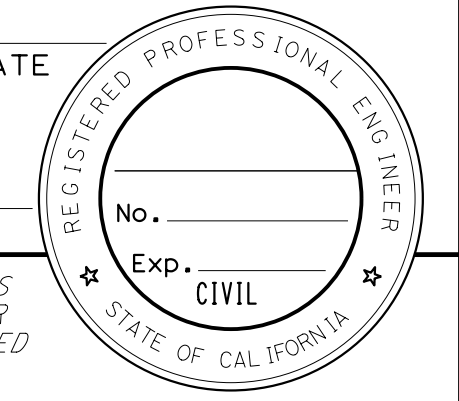
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	JEFF SMITH
			STEVEN YOSHIZUMI
			DATE REVISOR

4th PA&ED SUBMITTAL
NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-29

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:43

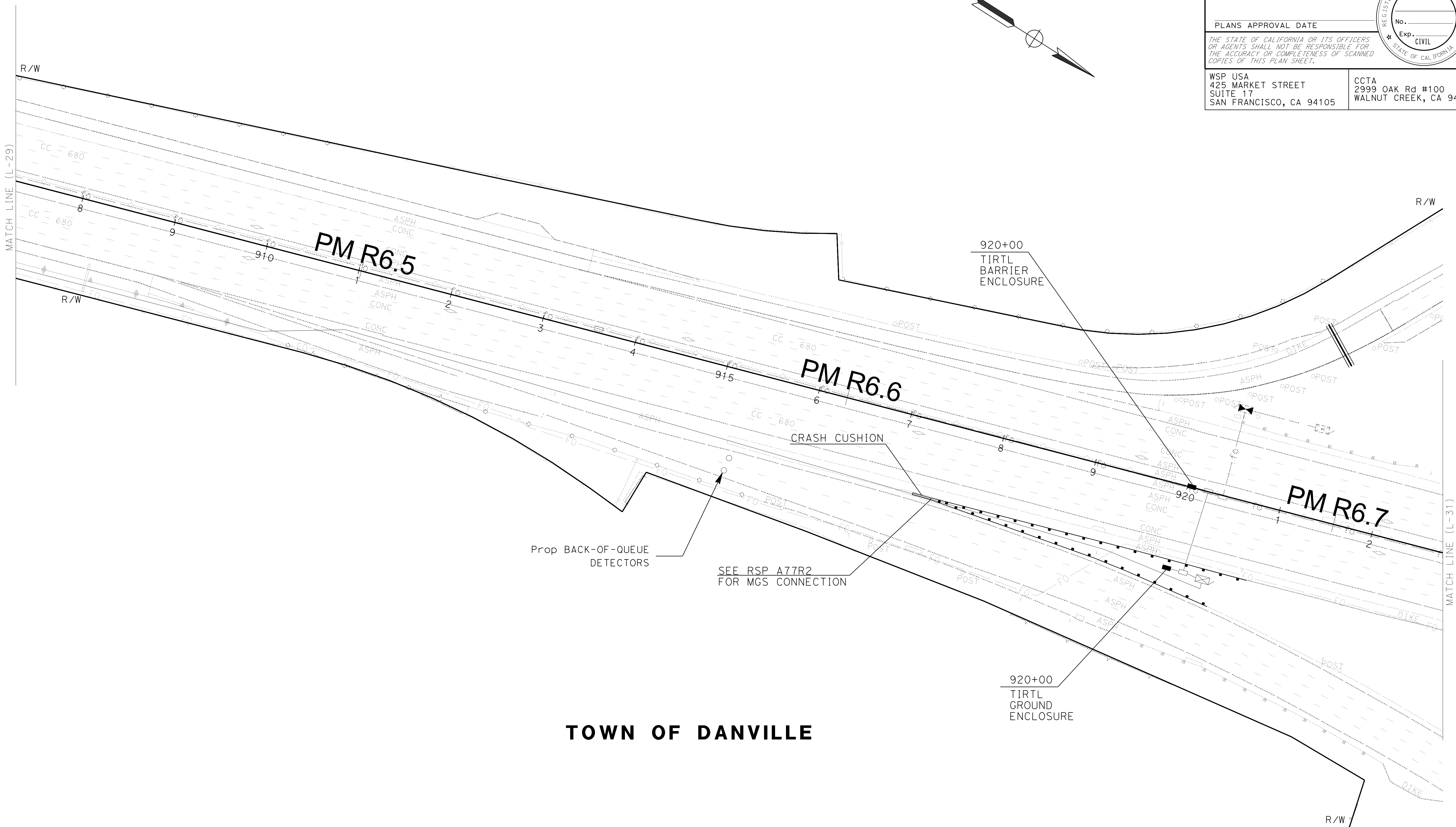
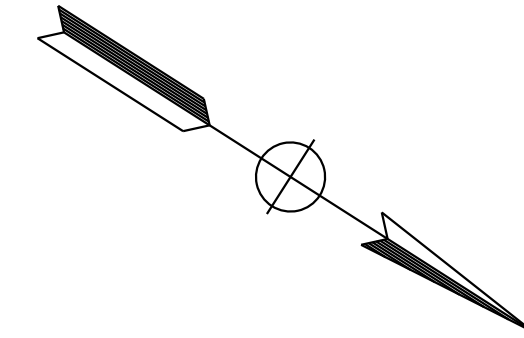
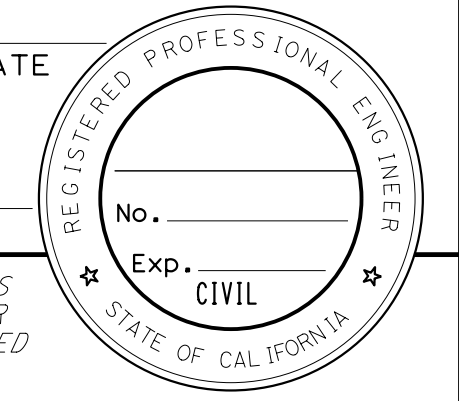
NOTE:

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



TOWN OF DANVILLE

LAYOUT

SCALE: 1" = 50'

L-30

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
	JEFF SMITH	
	STEVEN YOSHIZUMI	
CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	
CARLOS CAMPO		

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JANUARY 2024

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UNIT XXXX

PROJECT NUMBER & PHASE

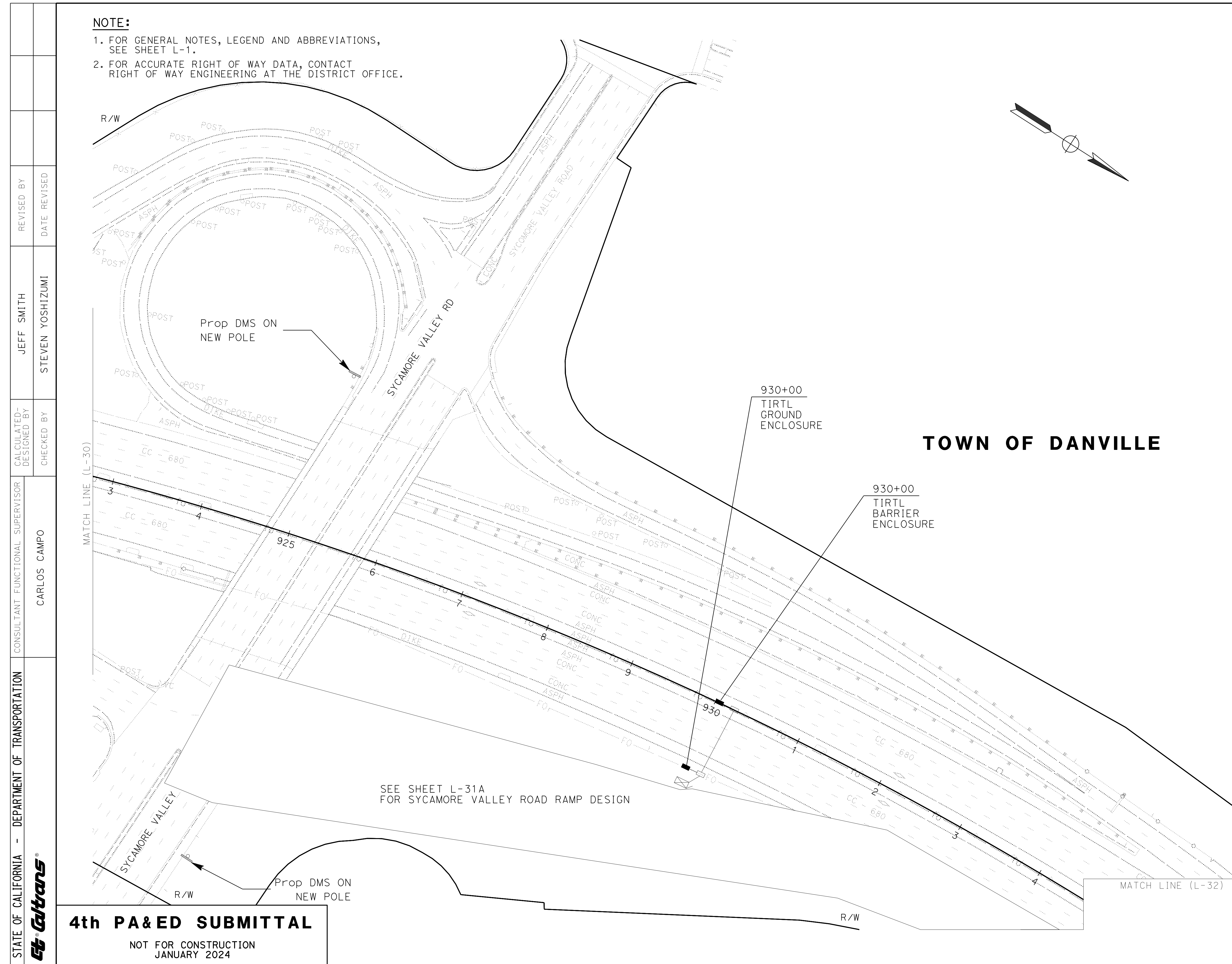
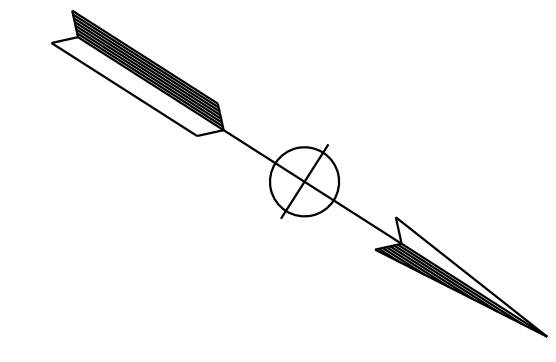
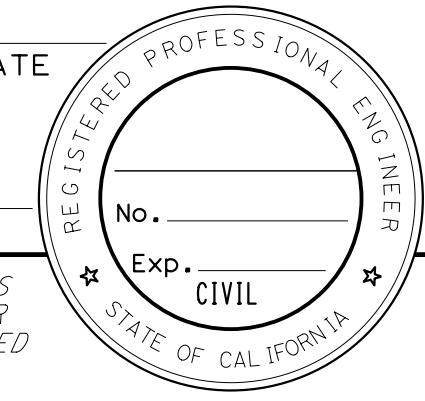
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LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:41

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No. _____		
			* Exp. CIVIL *		
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



REVISOR	REVISION
JEFF SMITH	
STEVEN YOSHIZUMI	
CALCULATED-DESIGNED BY	CHECKED BY
CARLOS CAMPO	
CONSULTANT FUNCTIONAL SUPERVISOR	
DEPARTMENT OF TRANSPORTATION	
STATE OF CALIFORNIA	

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-31



NOTE:

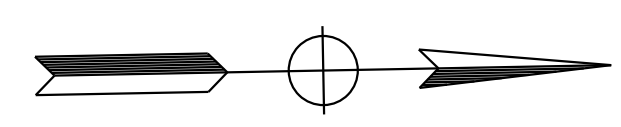
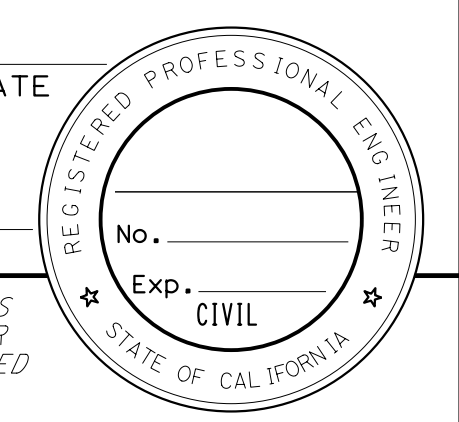
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63

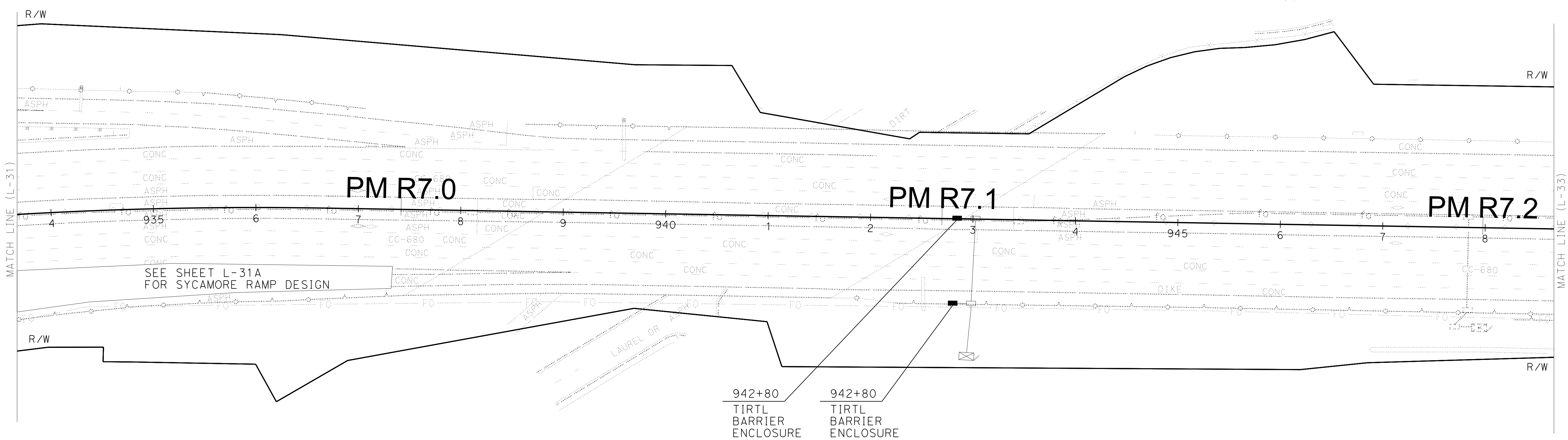
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	CARLOS CAMPO	CHECKED BY	JEFF SMITH	
				STEVEN YOSHIZUMI	



TOWN OF DANVILLE

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-32



NOTE:

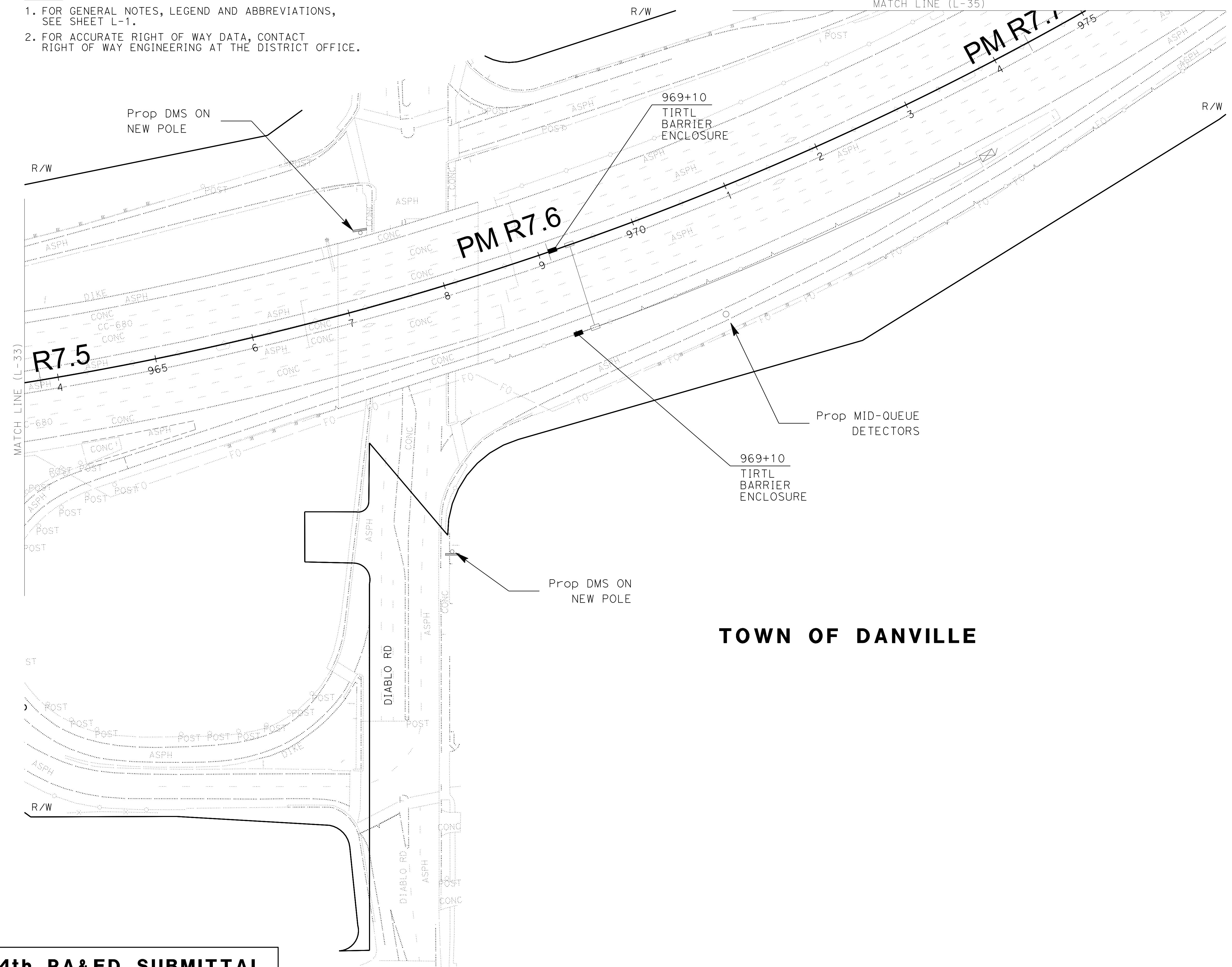
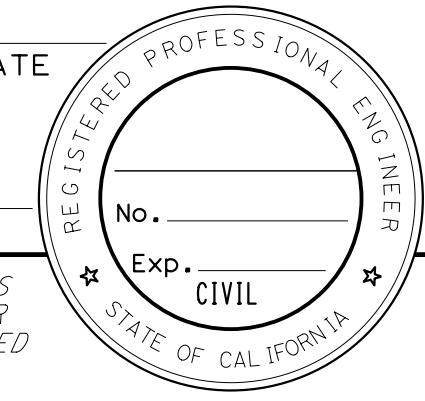
- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

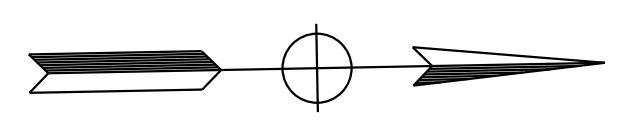
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	JEFF SMITH STEVEN YOSHIZUMI	DATE REVISED

4th PA&ED SUBMITTAL
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JANUARY 2024

TOWN OF DANVILLE



LAYOUT

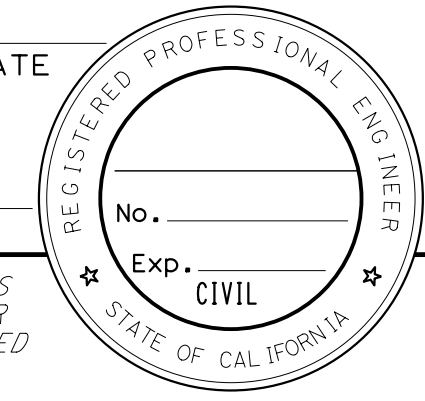
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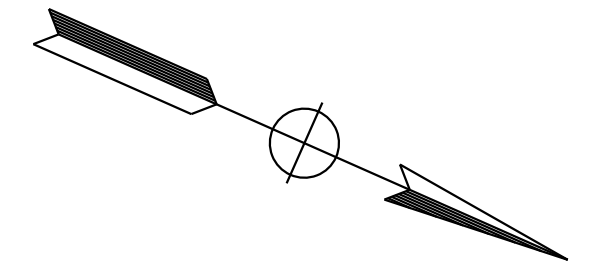
L-34


LAST REVISION: DATE PLOTTED => 25-JAN-2024 TIME PLOTTED => 00:42

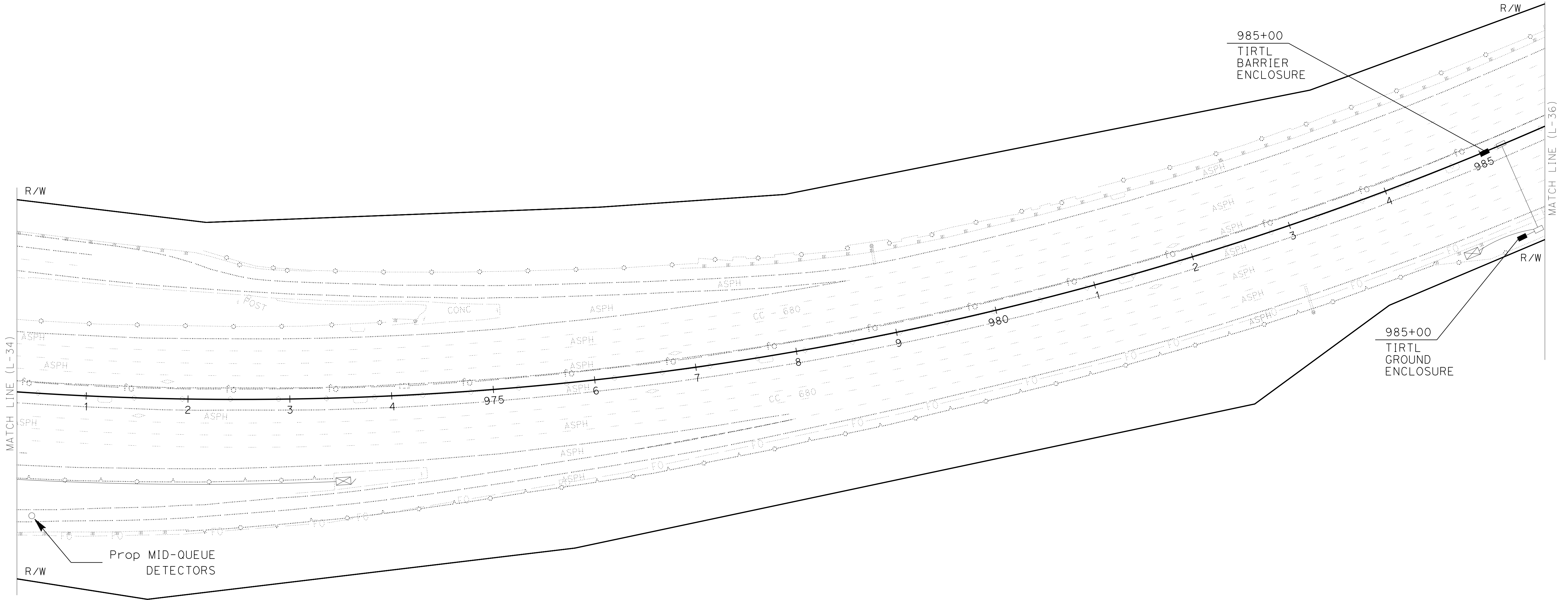
NOTE:

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE					
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI		



TOWN OF DANVILLE

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-35

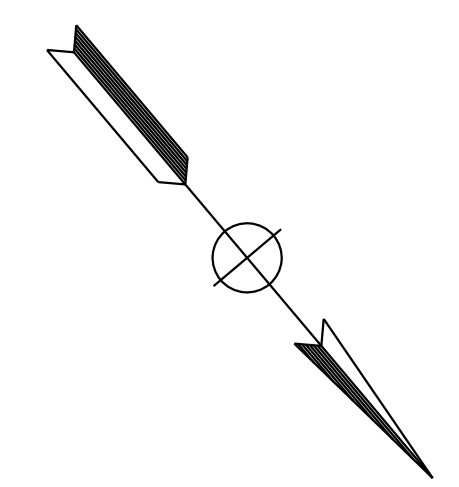
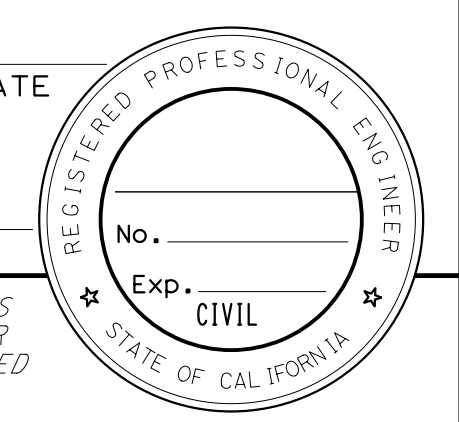
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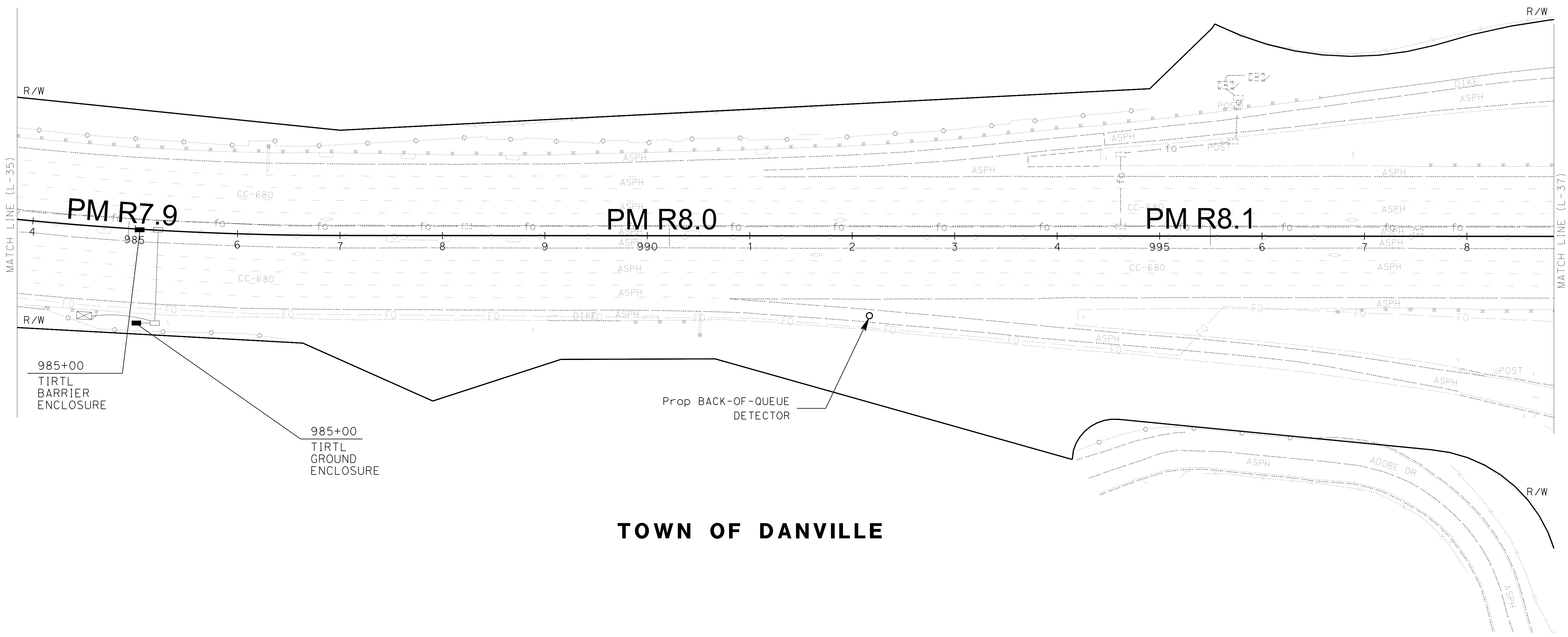
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR BY
Caltrans	CARLOS CAMPO	CHECKED BY	JEFF SMITH
			STEVEN YOSHIZUMI
			DATE REVISED



4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-36

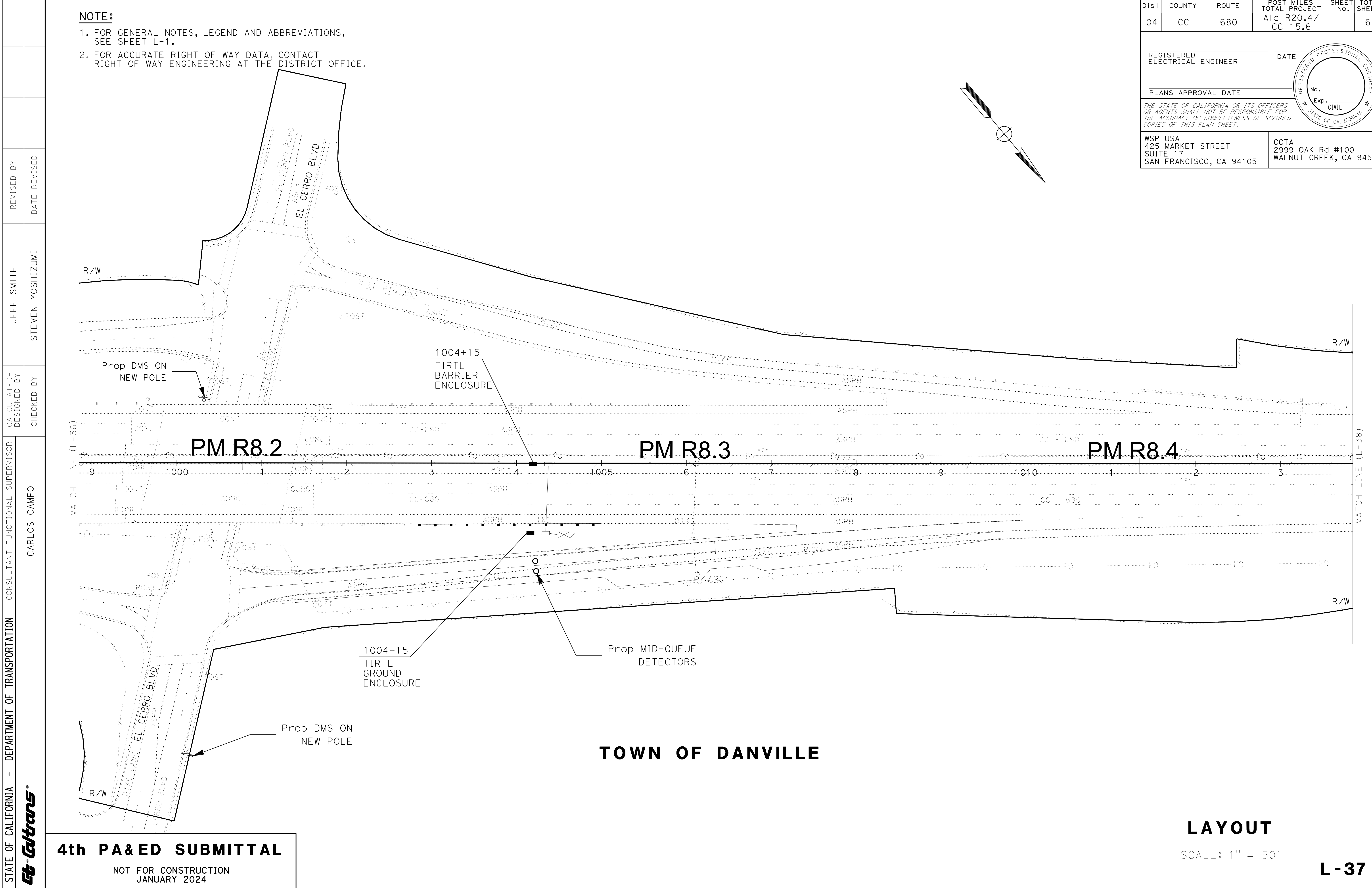
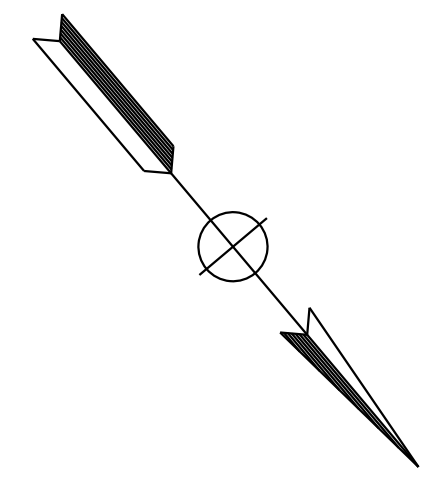
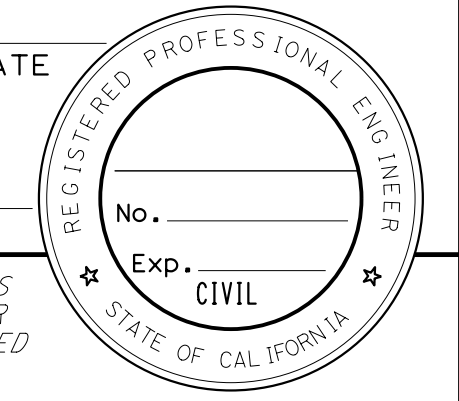
NOTE:

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI		
			CHECKED BY	DATE	REVISED

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NOT FOR CONSTRUCTION
JANUARY 2024

TOWN OF DANVILLE

LAYOUT

SCALE: 1" = 50'

L-37

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:38

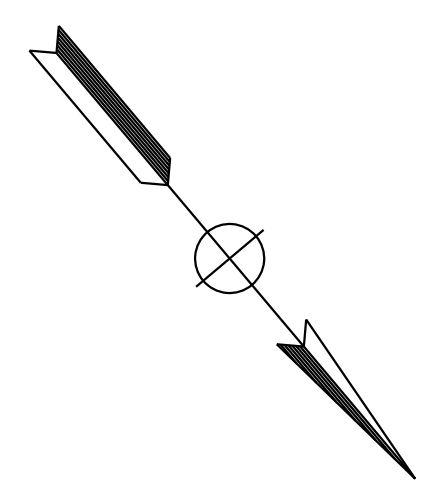
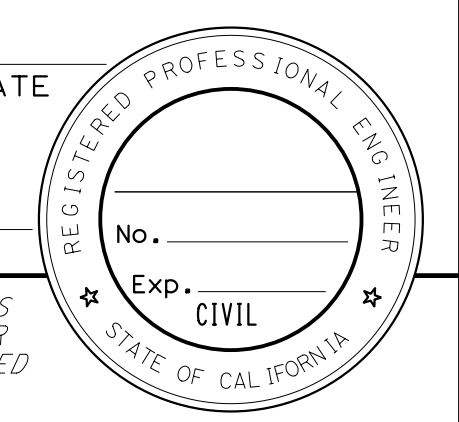
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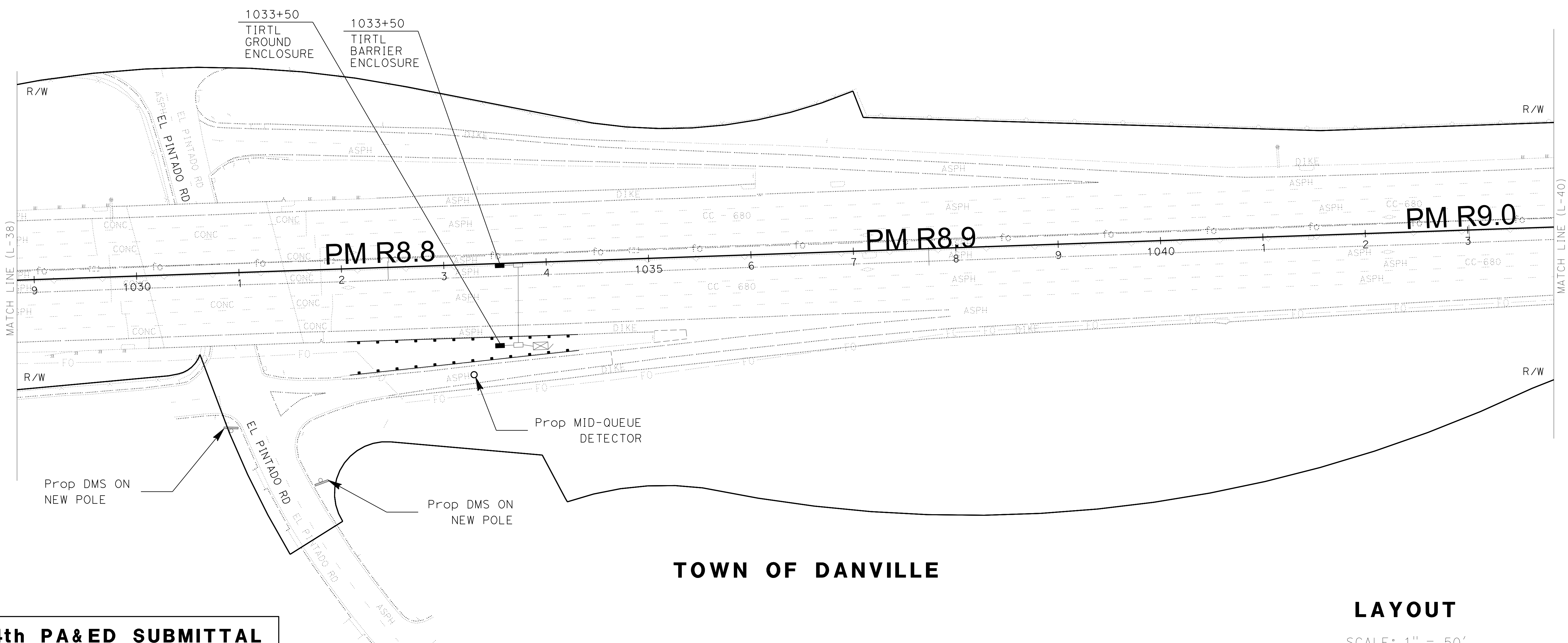
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CARLOS CAMPO	CARLOS CAMPO	JEFF SMITH	JEFF SMITH	
			STEVEN YOSHIZUMI	STEVEN YOSHIZUMI	



TOWN OF DANVILLE

LAYOUT

SCALE: 1" = 50'

L-39

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

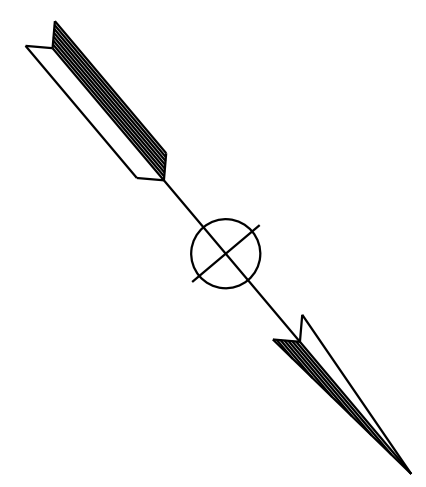
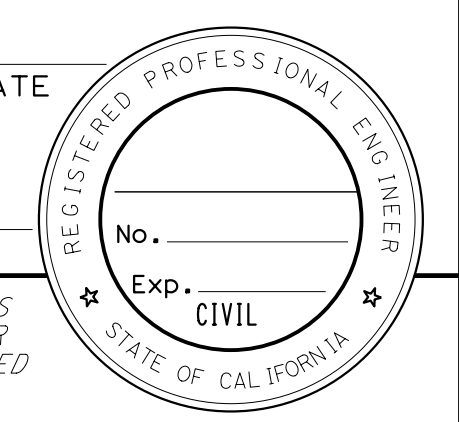
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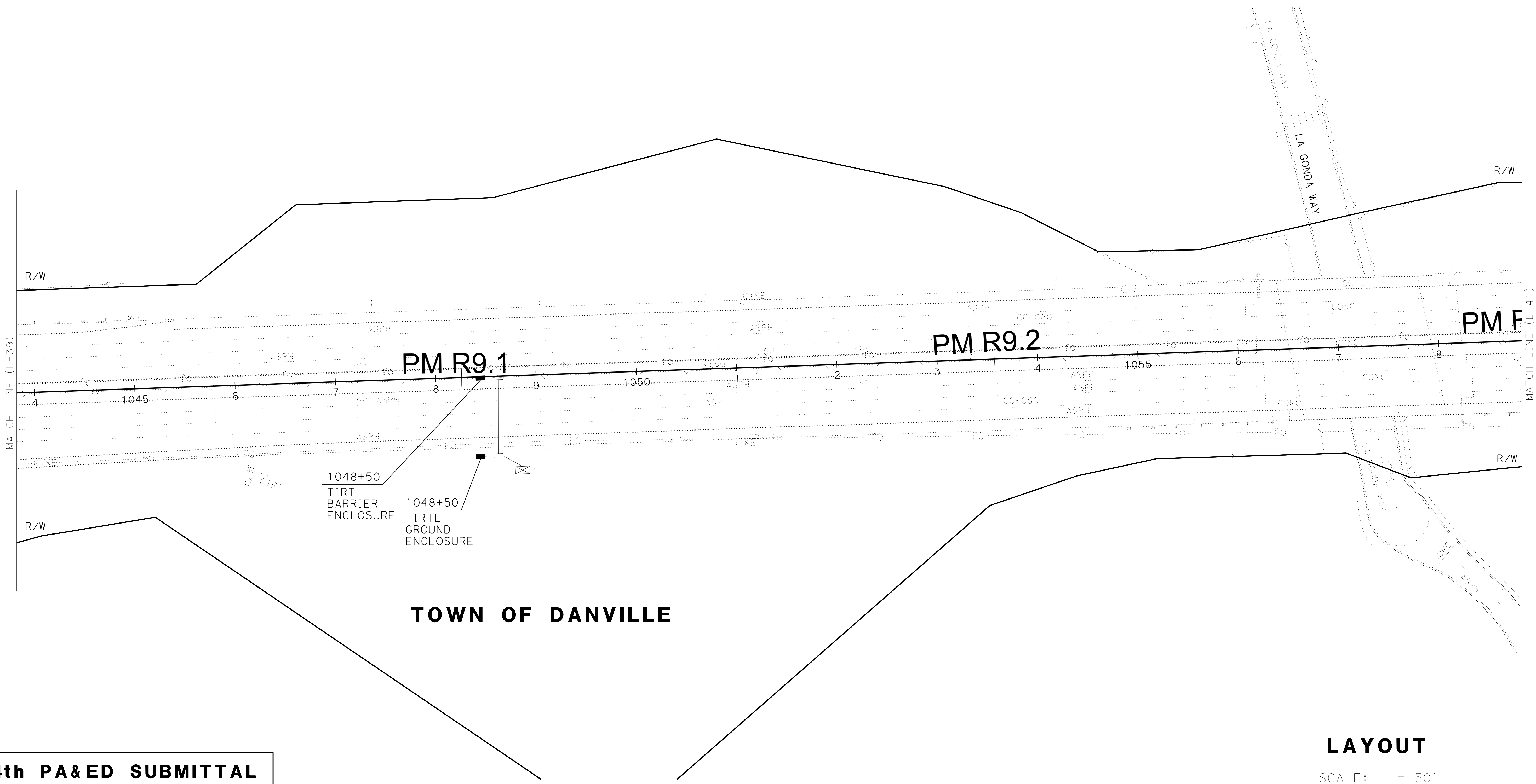
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	JEFF SMITH
			STEVEN YOSHIZUMI
			DATE REVISOR



4th PA&ED SUBMITTAL
NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT
SCALE: 1" = 50'

L-40

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:39

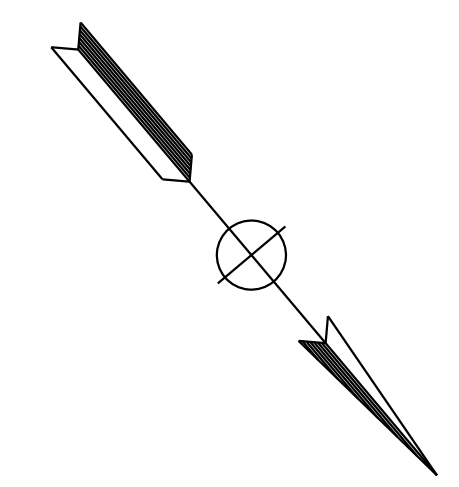
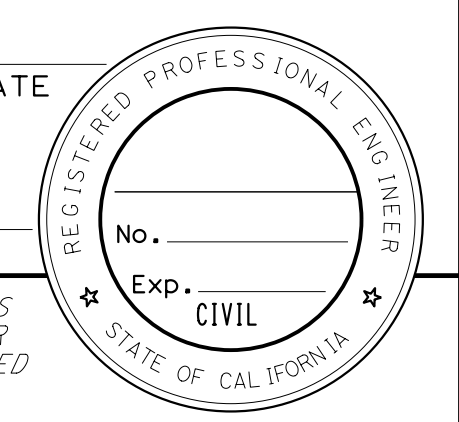
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2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

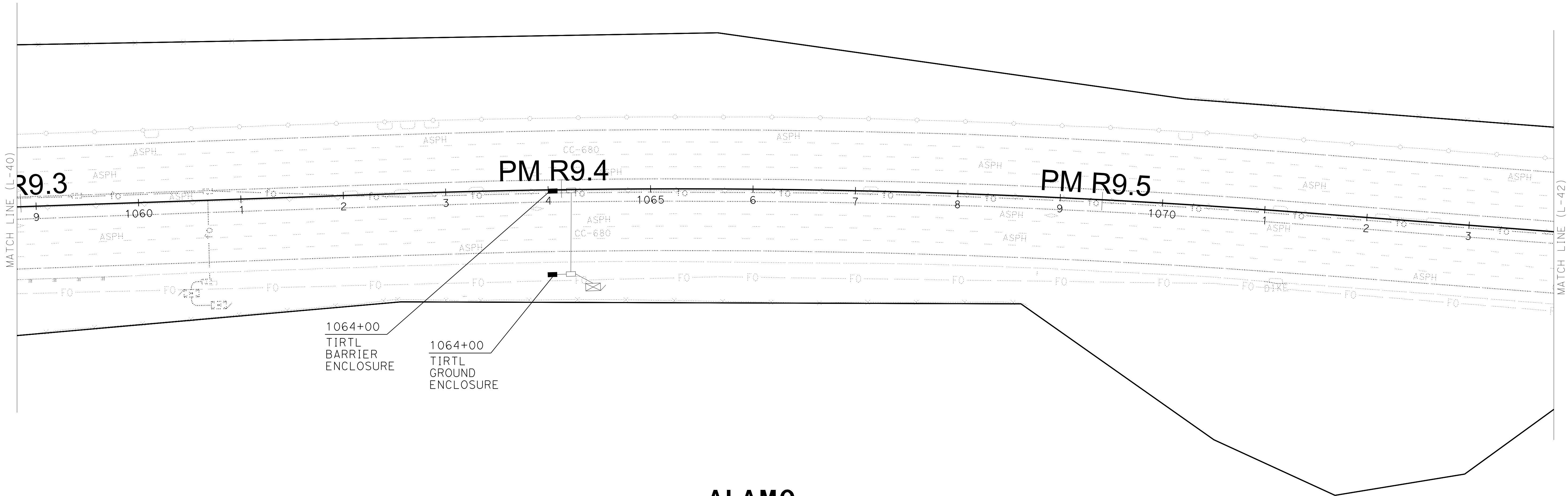
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	CHECKED BY	STEVEN YOSHIZUMI	



**ALAMO
(UNINCORPORATED CONTRA COSTA COUNTY)**

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-41

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:42

NOTE:

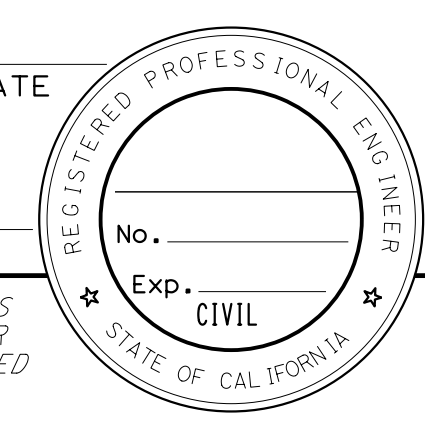
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER _____ DATE _____

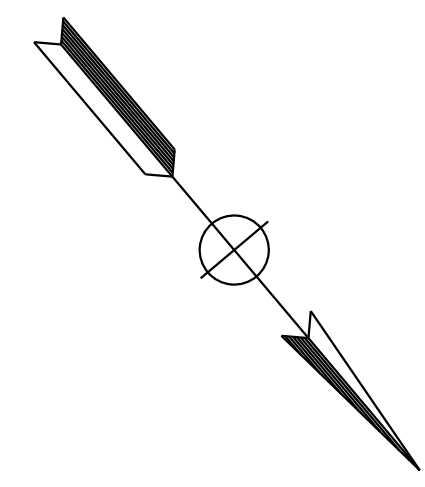
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

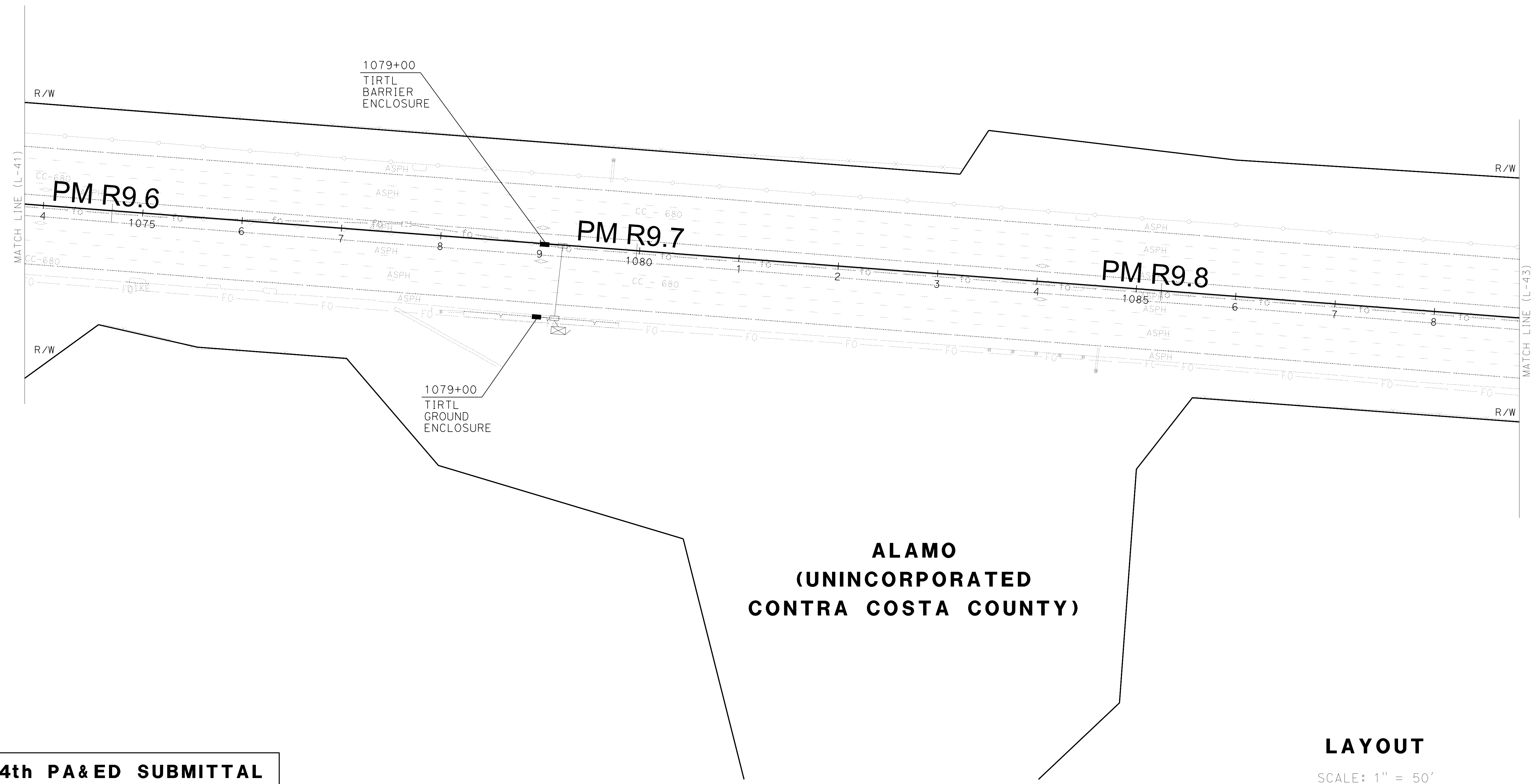


WSP USA
425 MARKET STREET
SUITE 17
SAN FRANCISCO, CA 94105

CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI	JEFF SMITH	STEVEN YOSHIZUMI	



4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

**ALAMO
(UNINCORPORATED
CONTRA COSTA COUNTY)**

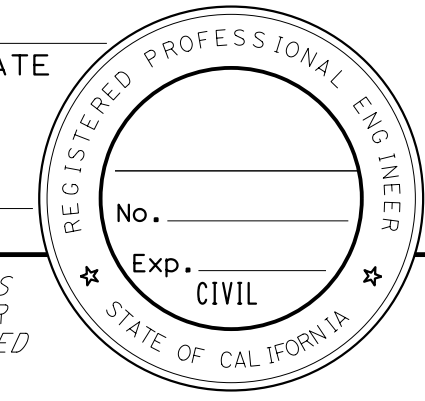
LAYOUT

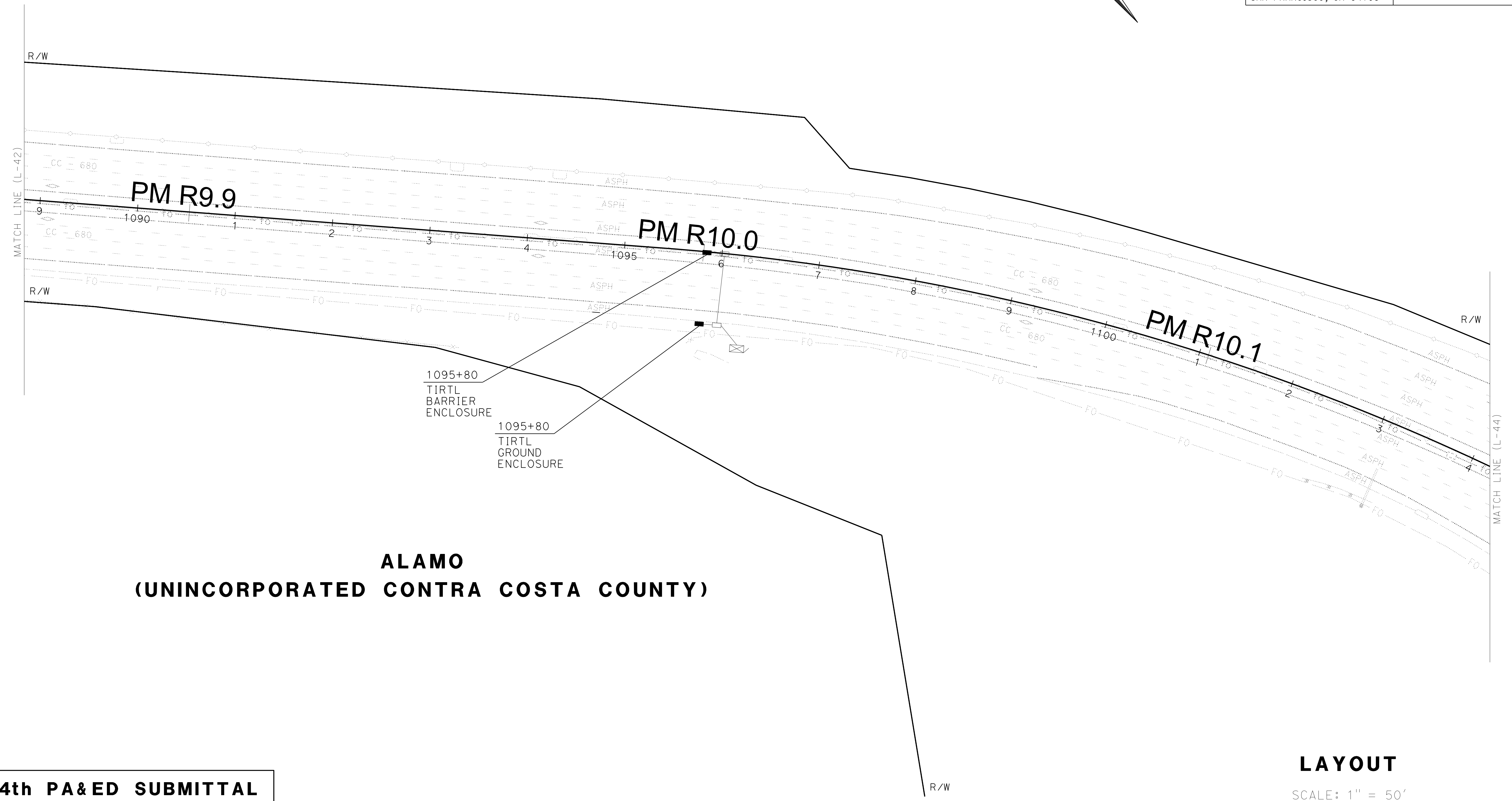
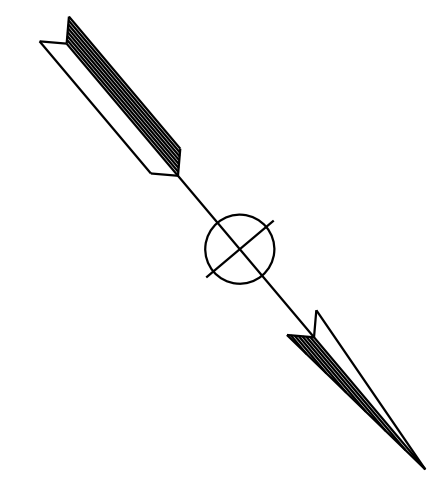
SCALE: 1" = 50'

L-42

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
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**ALAMO
(UNINCORPORATED CONTRA COSTA COUNTY)**

LAYOUT

SCALE: 1" = 50'

L-43

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
	JEFF SMITH	
CONSULTANT - FUNCTIONAL SUPERVISOR	STEVEN YOSHIZUMI	
CALCULATED/DESIGNED BY	CHECKED BY	DATE REVISOR
CARLOS CAMPO		

4th PA&ED SUBMITTAL
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JANUARY 2024

USERNAME => wsppw14-pw-svc
DGN FILE => 00960_L-43.dgn



UNIT XXXX

PROJECT NUMBER & PHASE 04000XXXXXX

BORDER LAST REVISED 7/2/2010

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:43

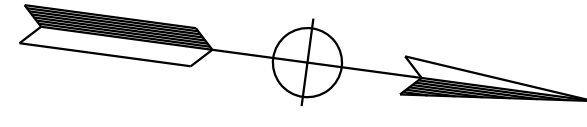
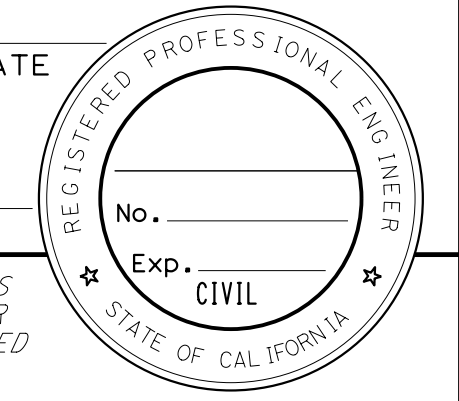
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

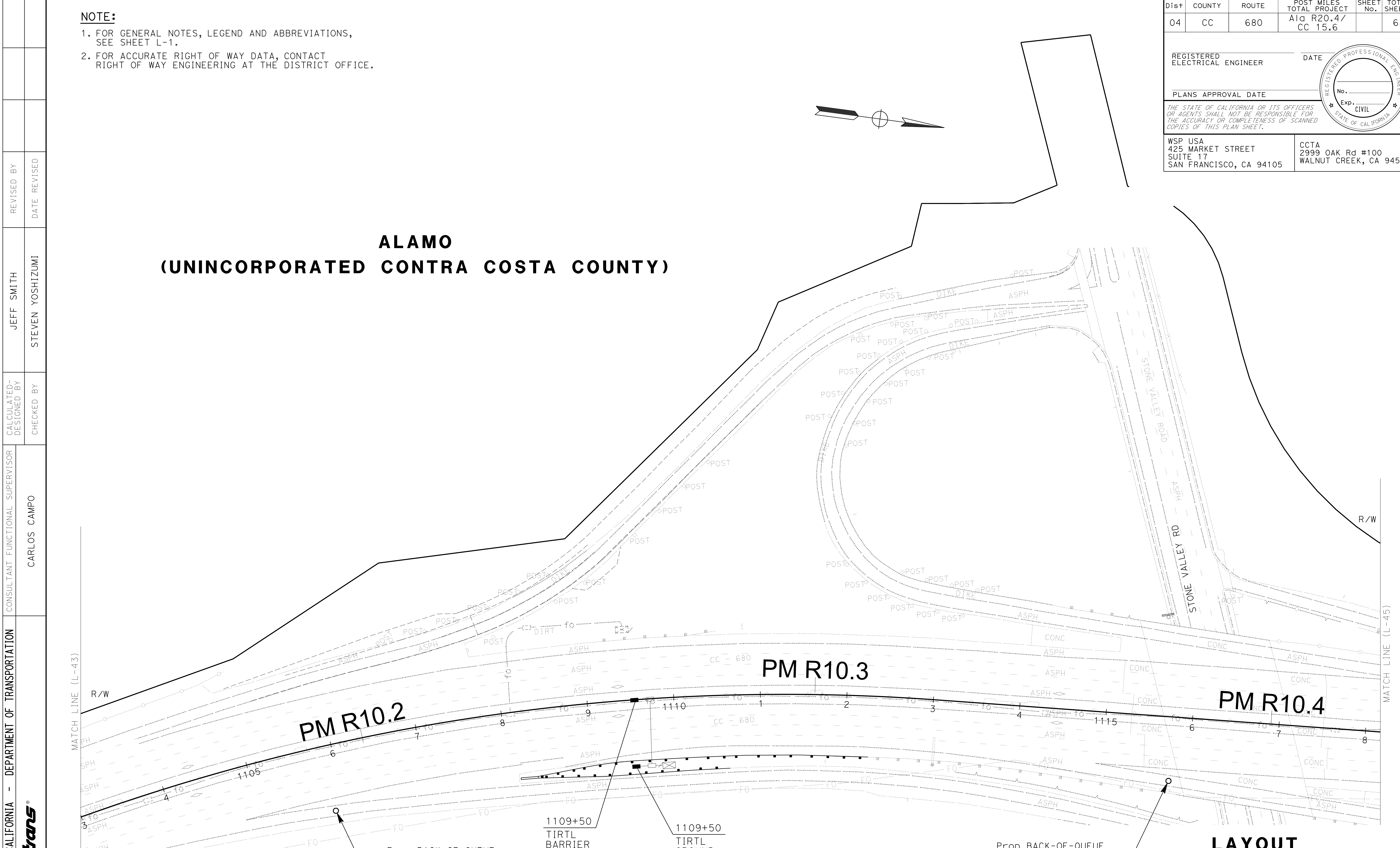
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



ALAMO (UNINCORPORATED CONTRA COSTA COUNTY)



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Jeff Smith	Carlos Campo	Jeff Smith	Steven Yoshizumi
Checked by	Checked by	Revised by	Revised by

4th PA&ED SUBMITTAL
 NOT FOR CONSTRUCTION
 JANUARY 2024

LAYOUT
 SCALE: 1" = 50'
L-44

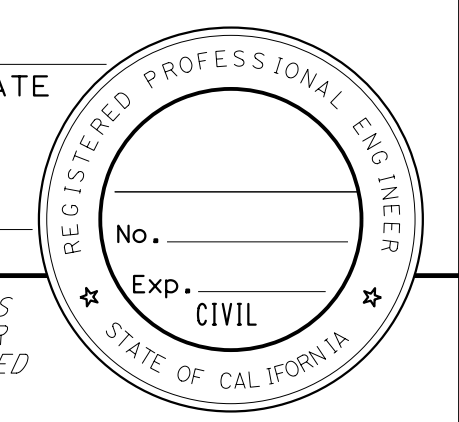
LAST REVISION DATE PLOTTED => 25-JAN-2024 00:00:00 TIME PLOTTED => 00:40

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER _____ DATE _____

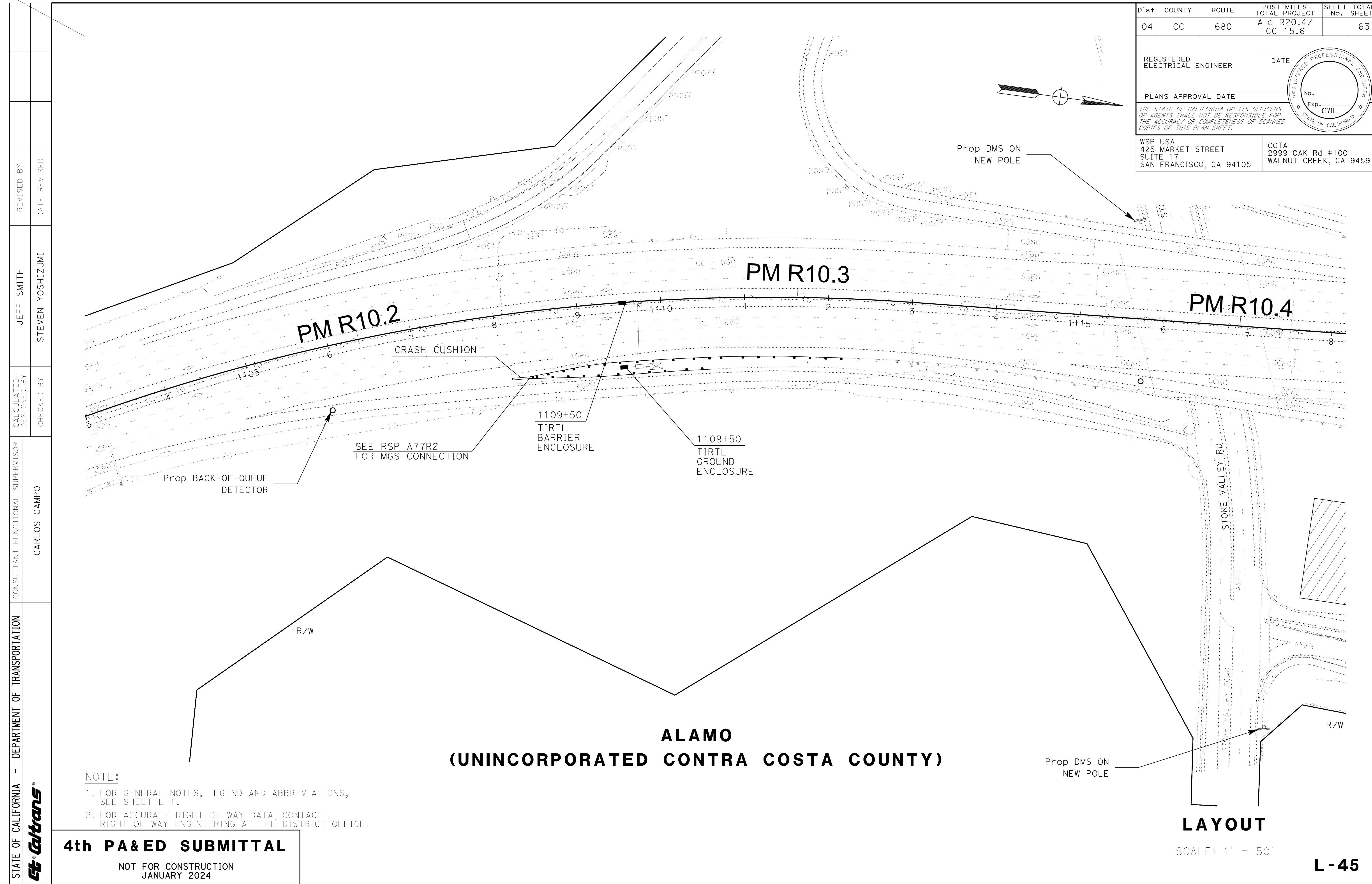
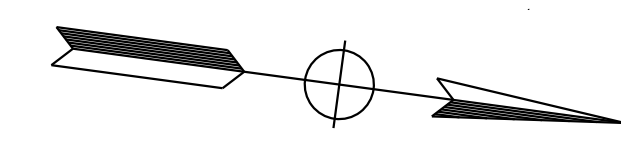
PLANS APPROVAL DATE _____

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CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



- NOTE:**
- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
 - FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-45

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT - FUNCTIONAL SUPERVISOR CARLOS CAMPO

CHECKED BY STEVEN YOSHIZUMI

DESIGNED BY JEFF SMITH

REVISOR BY JEFF SMITH

DATE REVISED

LAST REVISION: 00-00-00 DATE PLOTTED => 25-JAN-2024 TIME PLOTTED => 00:40

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

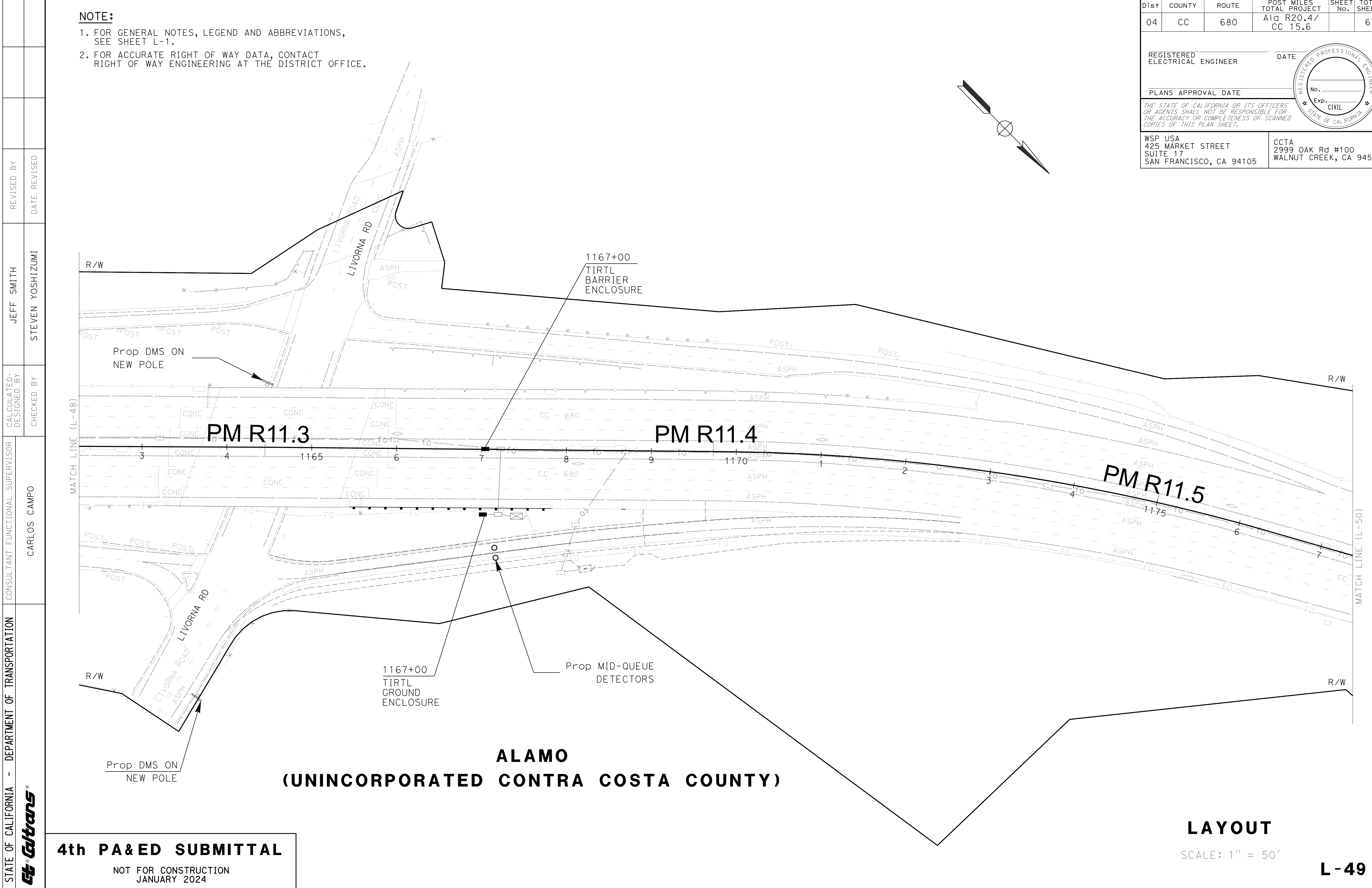
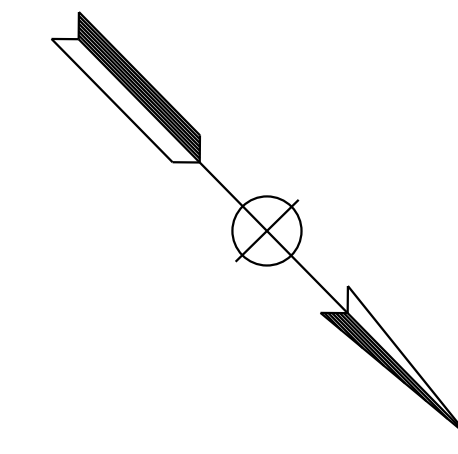
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA
425 MARKET STREET
SUITE 17
SAN FRANCISCO, CA 94105

CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



**ALAMO
(UNINCORPORATED CONTRA COSTA COUNTY)**

LAYOUT

SCALE: 1" = 50'

L-49

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR CARLOS CAMPO

CALCULATED/DESIGNED BY

CHECKED BY

REVISOR BY JEFF SMITH

DATE REVISOR BY STEVEN YOSHIZUMI

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:40

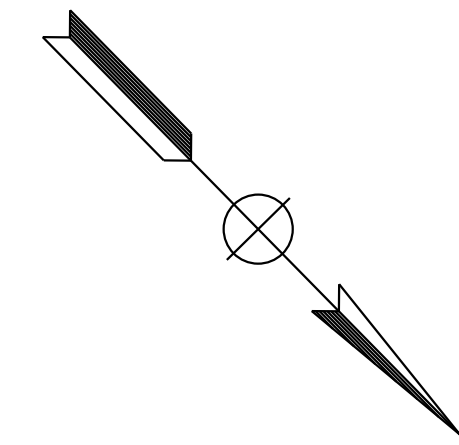
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

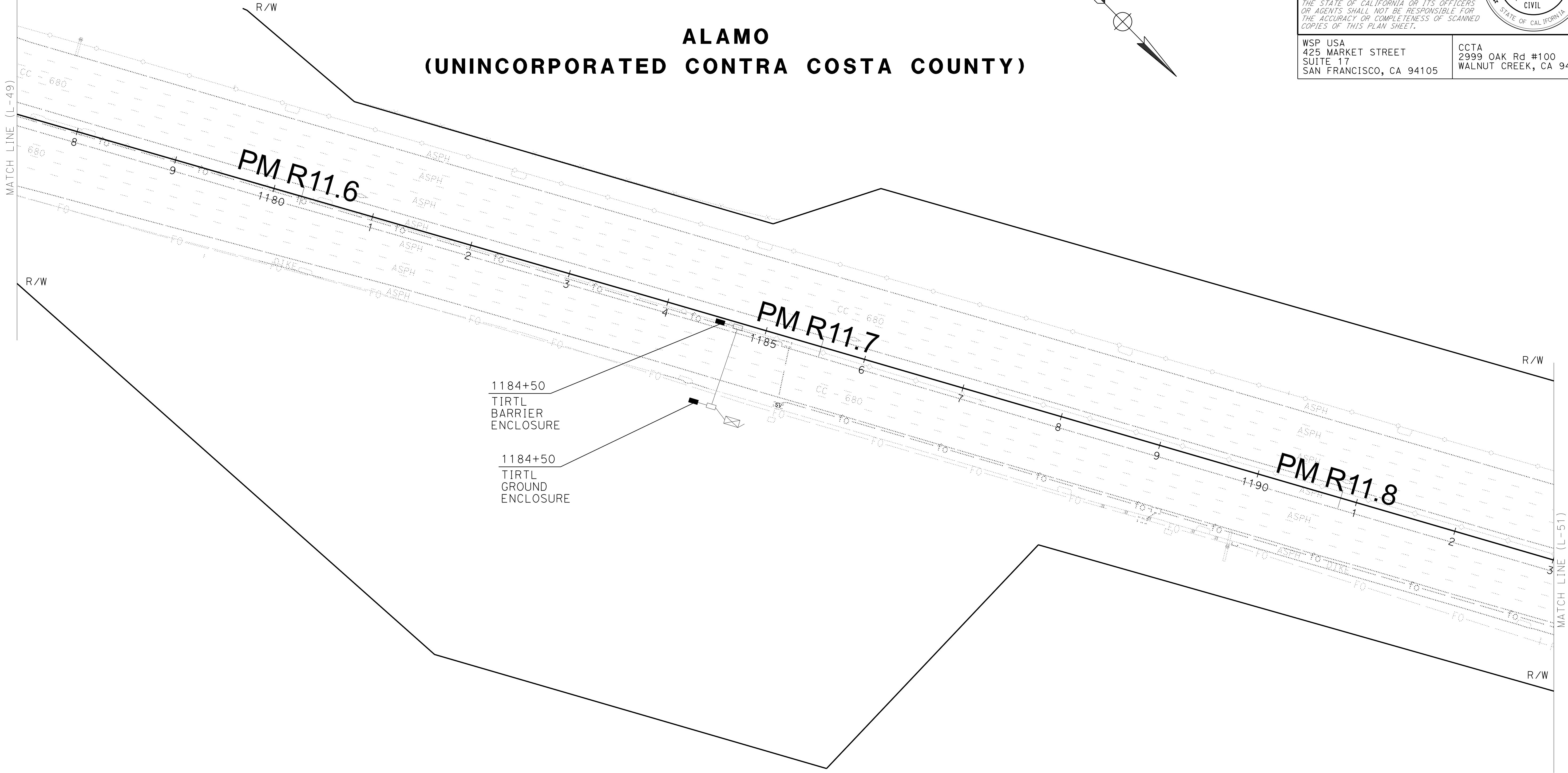
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



NOTE:
 1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



ALAMO (UNINCORPORATED CONTRA COSTA COUNTY)



CITY OF WALNUT CREEK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
JEFF SMITH	REVISOR	DATE
STEVEN YOSHIZUMI	REVISOR	DATE
CALCULATED/DESIGNED BY	CHECKED BY	
CARLOS CAMPO		

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
 JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-50



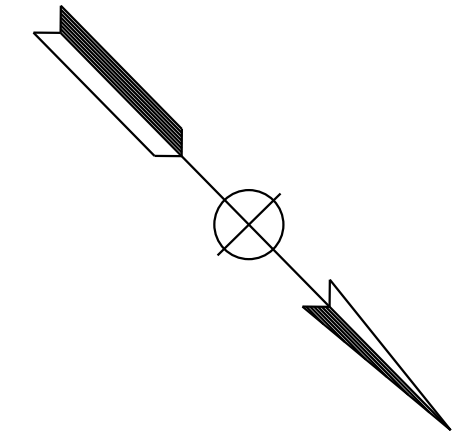
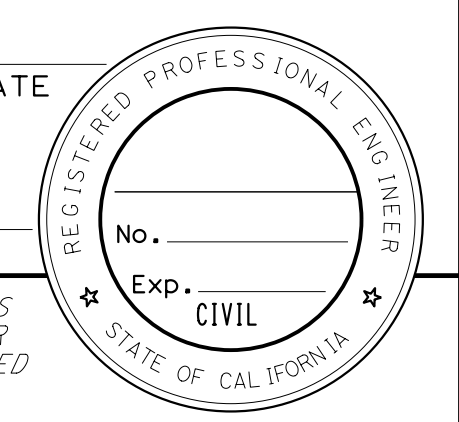
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

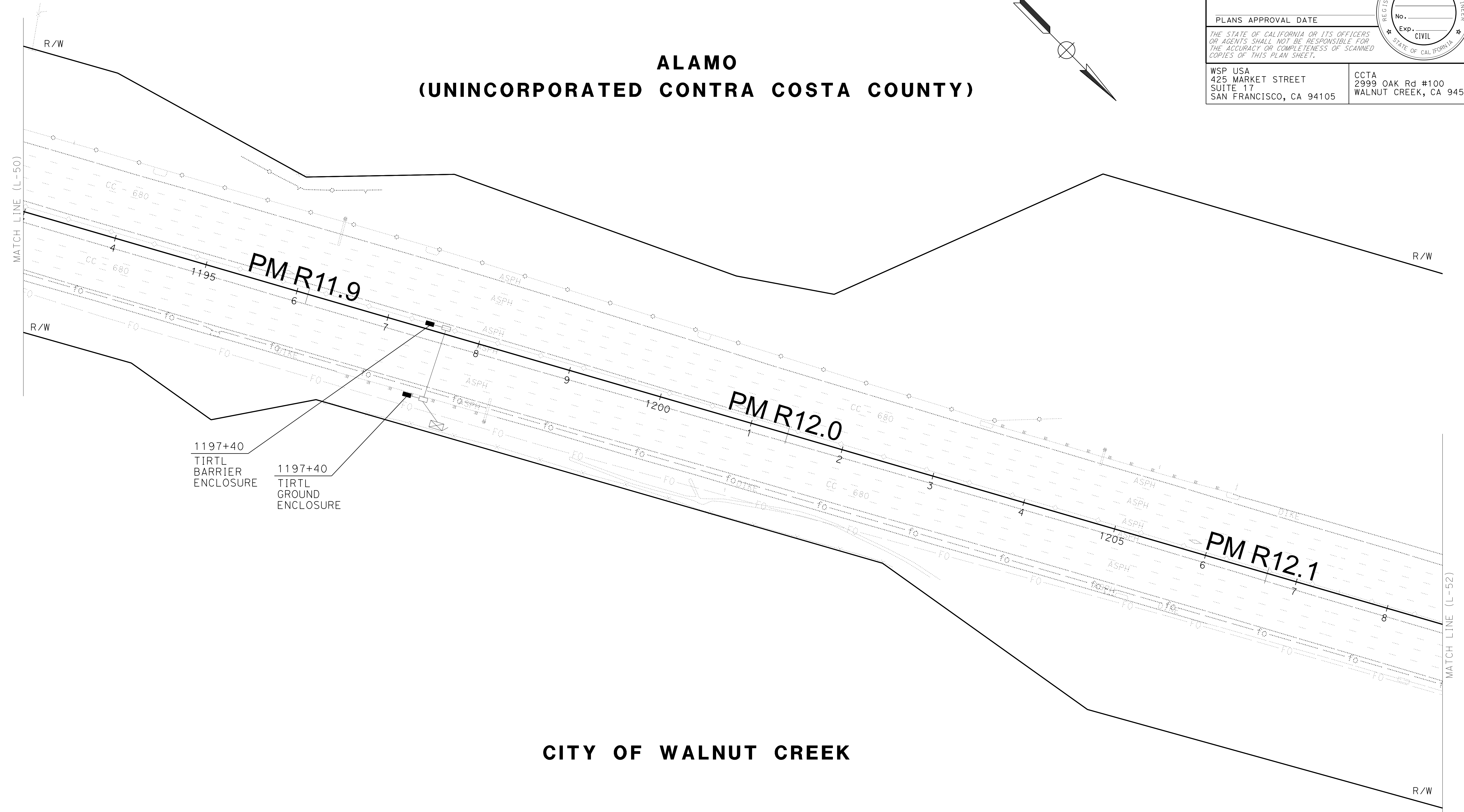
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



ALAMO (UNINCORPORATED CONTRA COSTA COUNTY)



CITY OF WALNUT CREEK

LAYOUT

SCALE: 1" = 50'

L-51

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	JEFF SMITH
			STEVEN YOSHIZUMI
			DATE REVISOR

USERNAME => wsppw14-pw-svc
DGN FILE => 00960_L-51.dgn



UNIT XXXX

PROJECT NUMBER & PHASE 04000XXXXXX

BORDER LAST REVISED 7/2/2010

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:42

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

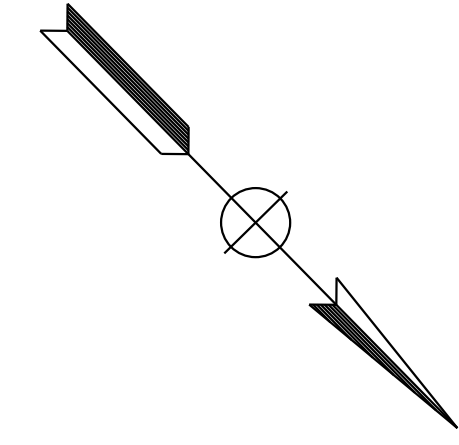
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

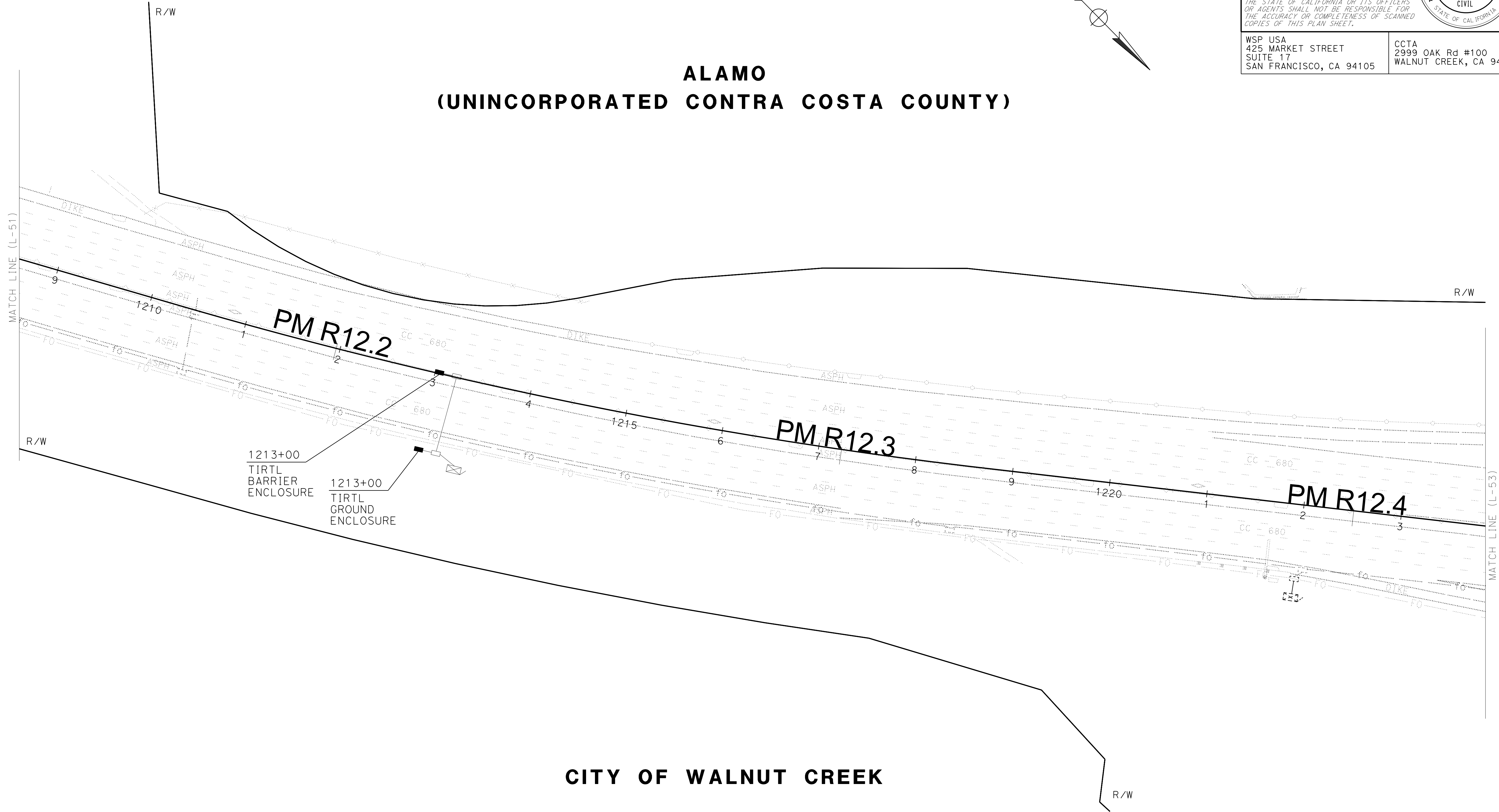
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA
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CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



**ALAMO
(UNINCORPORATED CONTRA COSTA COUNTY)**



CITY OF WALNUT CREEK

LAYOUT

SCALE: 1" = 50'

L-52

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
	JEFF SMITH	
	STEVEN YOSHIZUMI	
CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY
CARLOS CAMPO		

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER _____ DATE _____

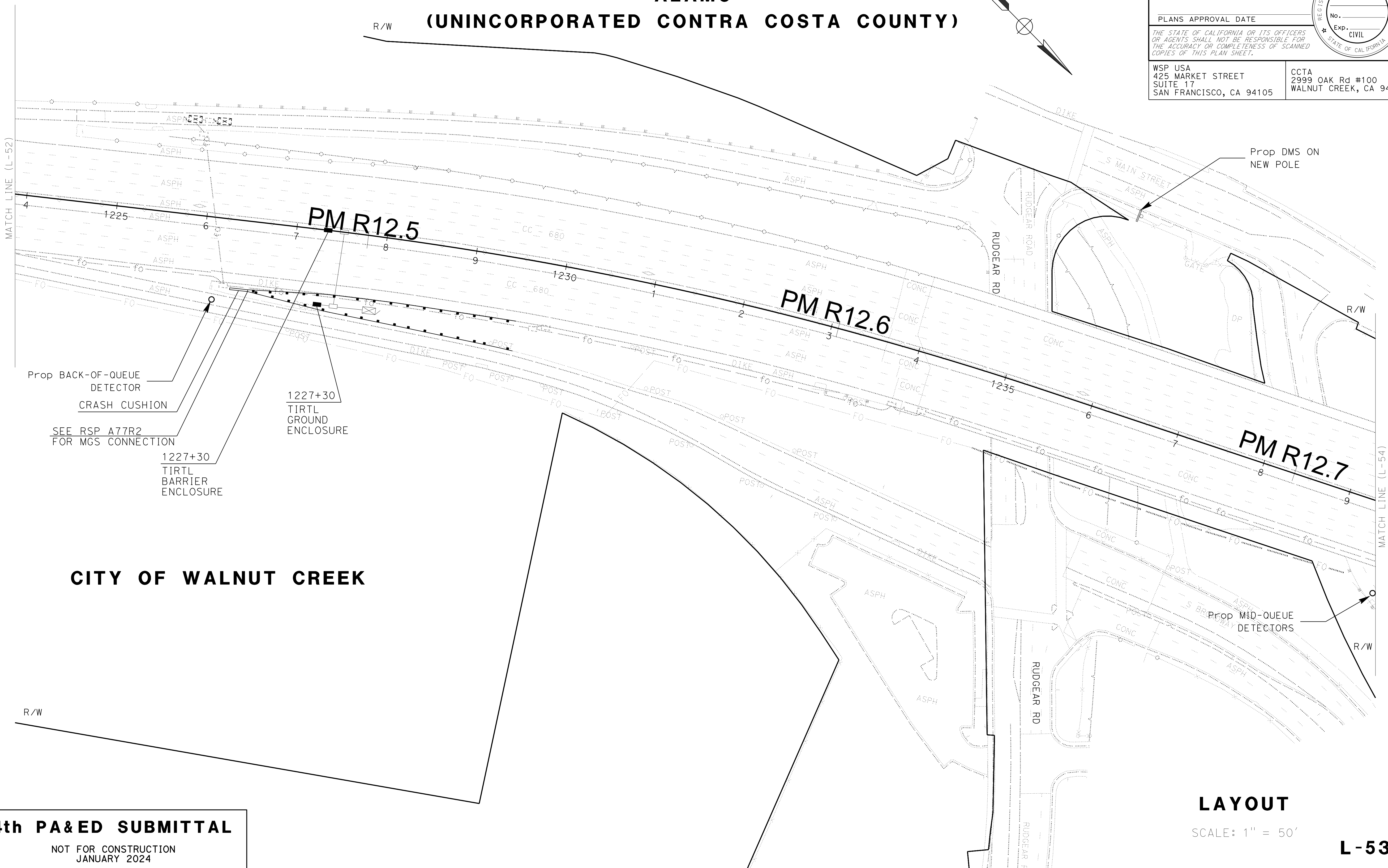
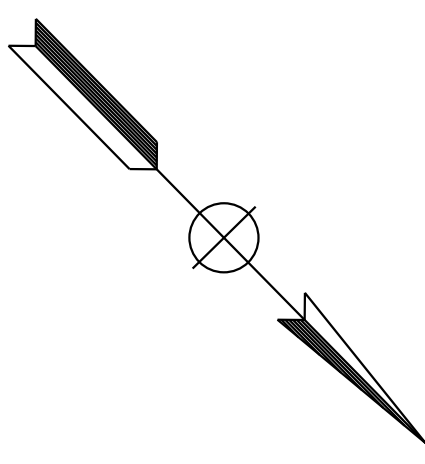
PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA
425 MARKET STREET
SUITE 17
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CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597

**ALAMO
(UNINCORPORATED CONTRA COSTA COUNTY)**



CITY OF WALNUT CREEK

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-53

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

REVISOR: JEFF SMITH, STEVEN YOSHIZUMI
CALCULATED/DESIGNED BY: CARLOS CAMPO
CHECKED BY:

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

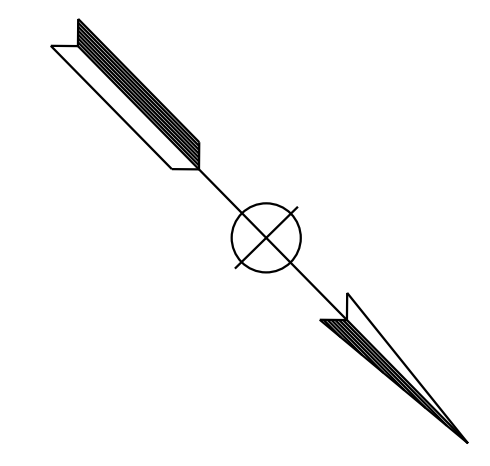
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

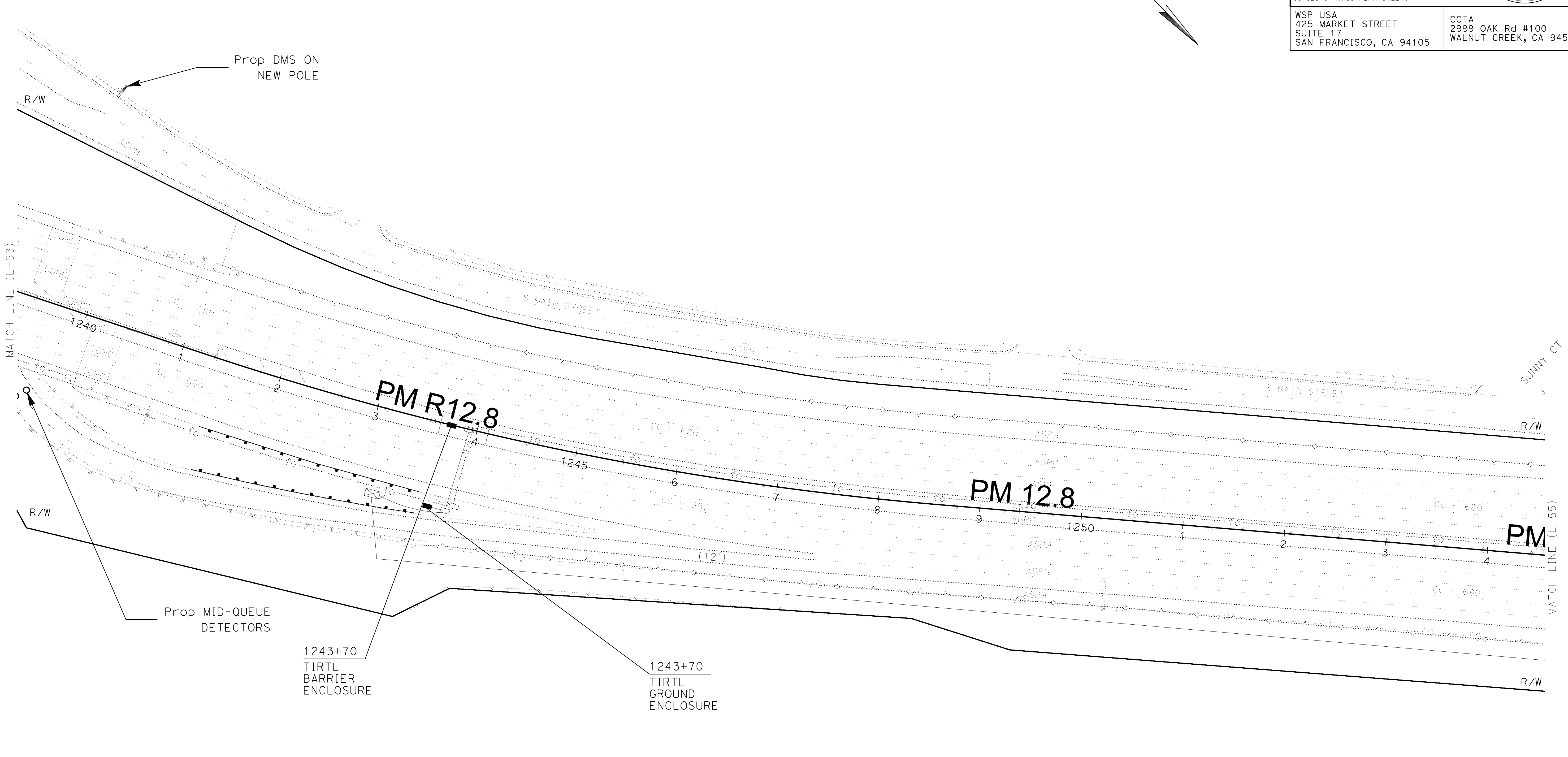
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA
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SAN FRANCISCO, CA 94105

CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT - FUNCTIONAL SUPERVISOR CARLOS CAMPO
 CALCULATED/DESIGNED BY
 CHECKED BY
 JEFF SMITH
 STEVEN YOSHIZUMI
 REVISED BY
 DATE REVISD



CITY OF WALNUT CREEK

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
 JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-54

LAST REVISION: DATE PLOTTED => 25-JAN-2024
 00-00-00 TIME PLOTTED => 00:40

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63

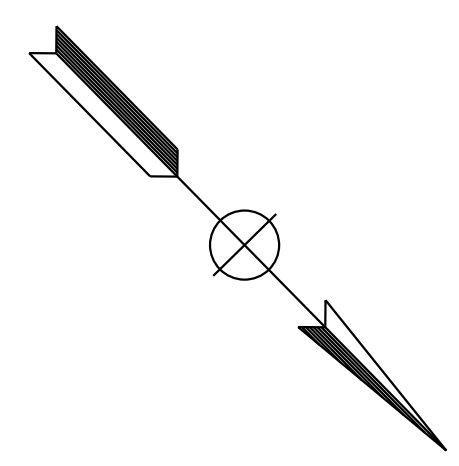
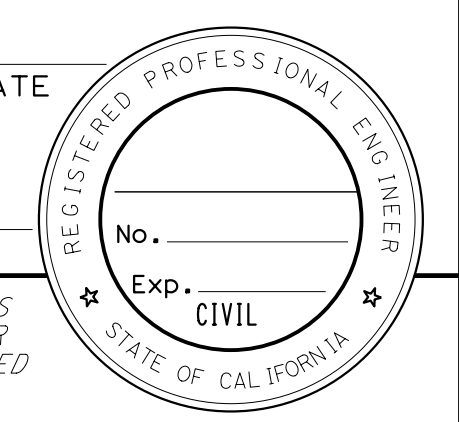
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

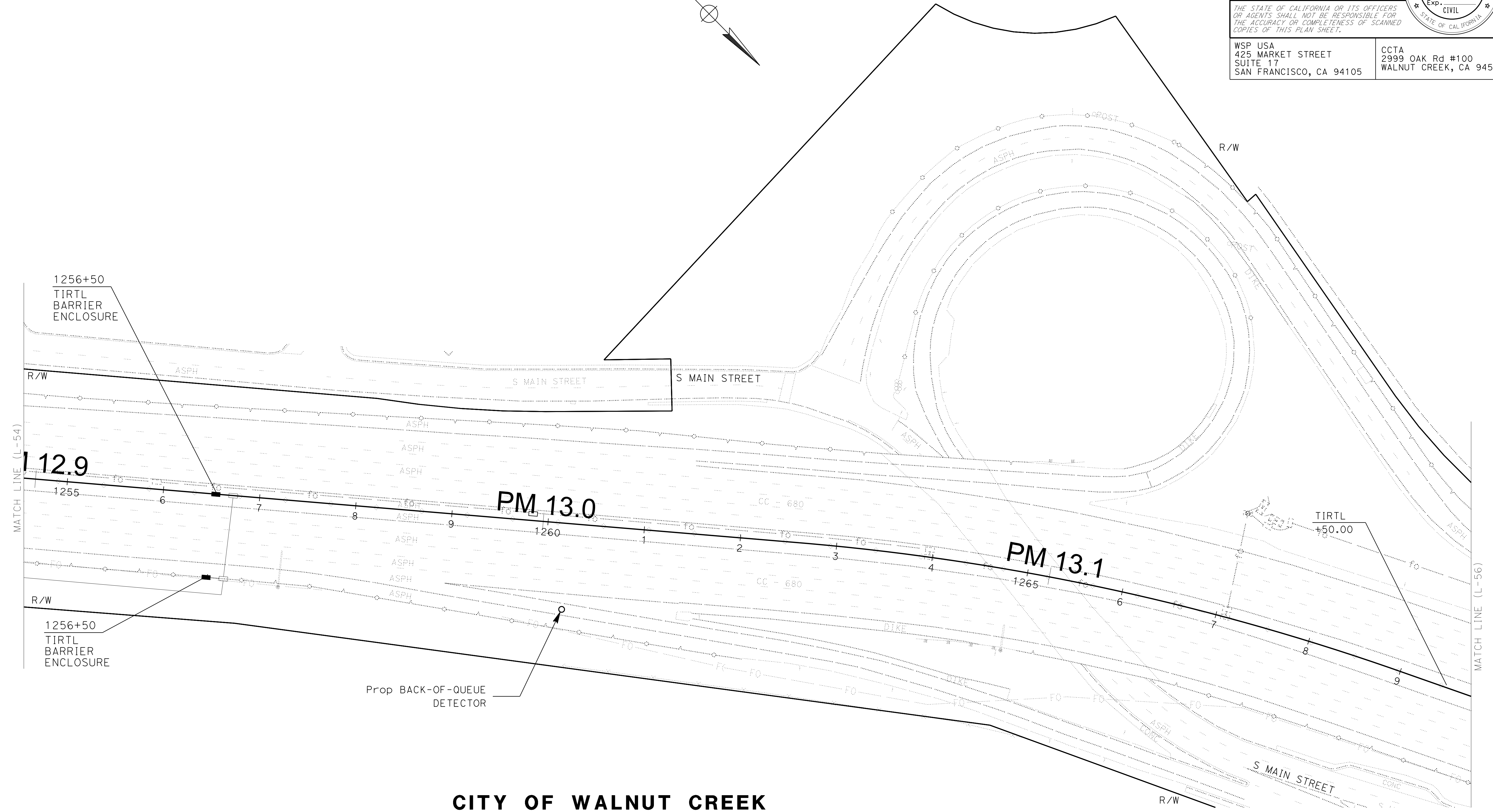
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA
425 MARKET STREET
SUITE 17
SAN FRANCISCO, CA 94105

CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT - FUNCTIONAL SUPERVISOR: CARLOS CAMPO
 CALCULATED/DESIGNED BY: JEFF SMITH
 CHECKED BY: STEVEN YOSHIZUMI
 REVISED BY: _____ DATE: _____
 REVISIONS: _____



CITY OF WALNUT CREEK

LAYOUT

SCALE: 1" = 50'

L-55

4th PA&ED SUBMITTAL
 NOT FOR CONSTRUCTION
 JANUARY 2024

LAST REVISION: DATE PLOTTED => 25-JAN-2024
 00-00-00 TIME PLOTTED => 00:38

NOTE:

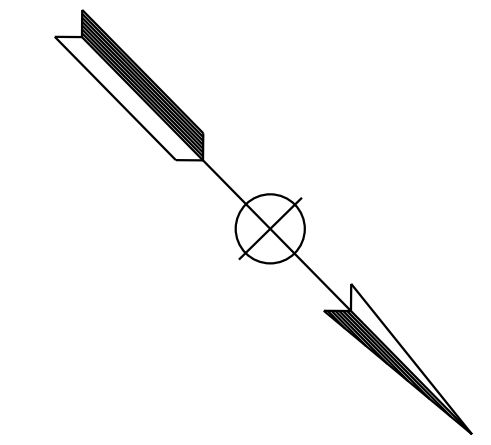
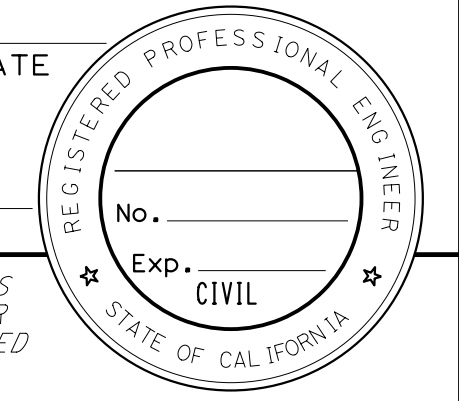
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

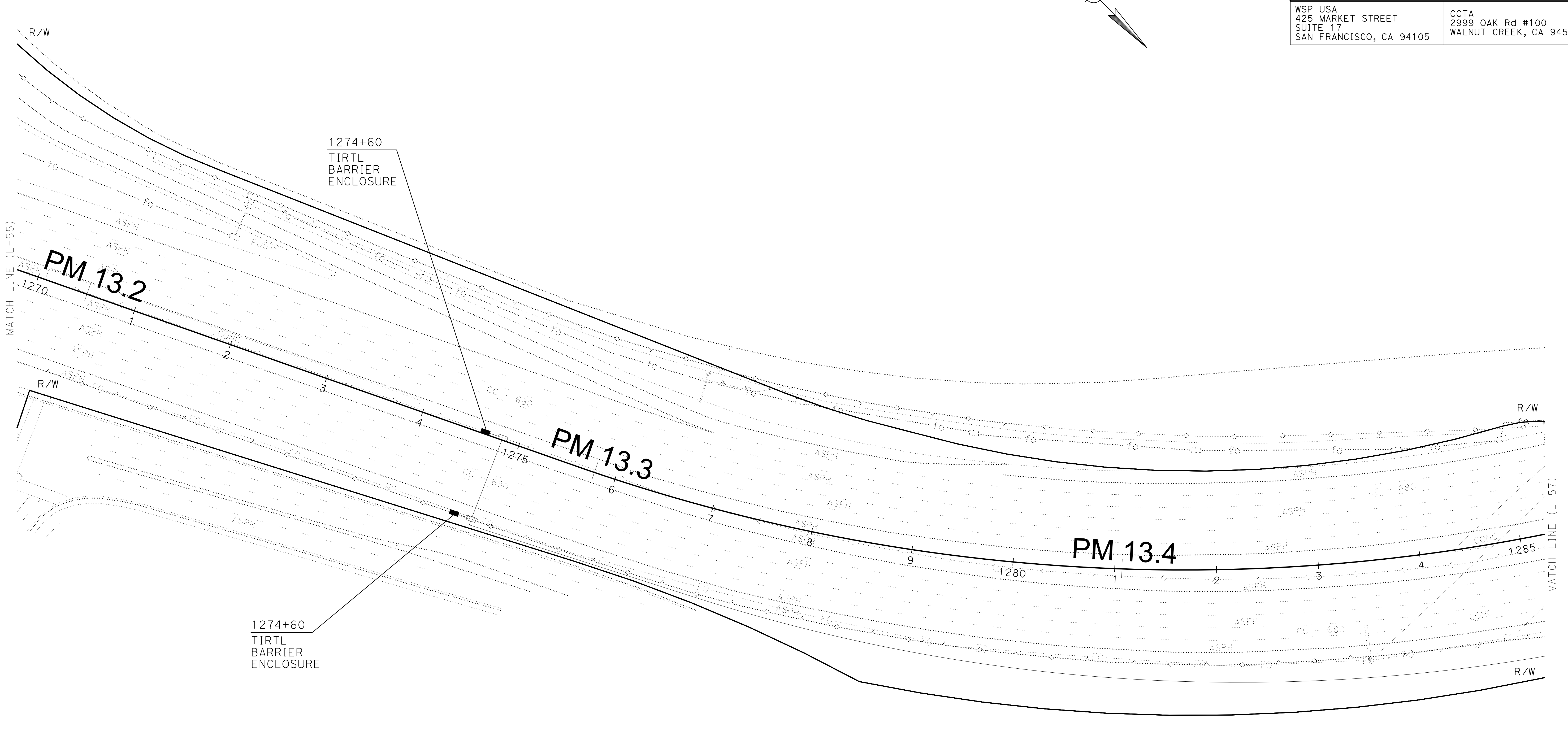
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY	CALCULATED BY	CHECKED BY	DESIGNED BY	REVISOR	DATE
		CARLOS CAMPO					JEFF SMITH	STEVEN YOSHIZUMI	



CITY OF WALNUT CREEK

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-56



NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

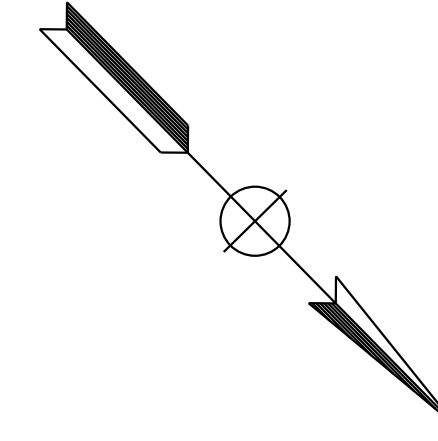
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

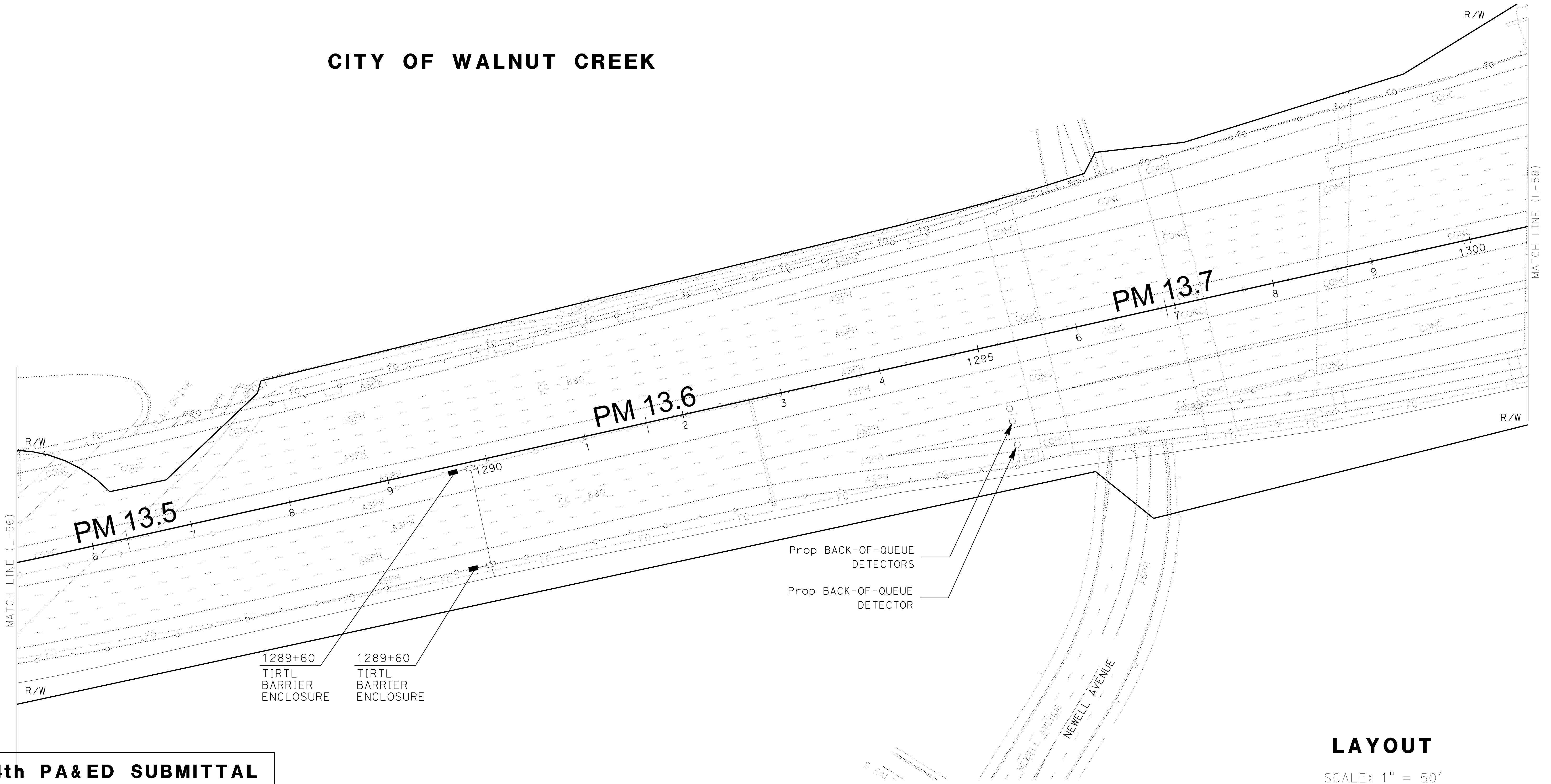
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA
425 MARKET STREET
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CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



CITY OF WALNUT CREEK



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR	DATE
	CARLOS CAMPO	JEFF SMITH	
		STEVEN YOSHIZUMI	
	CHECKED BY	REVISOR	DATE

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-57



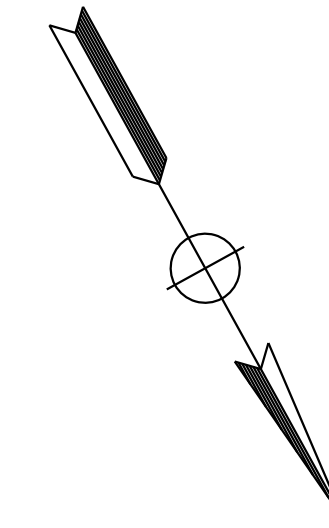
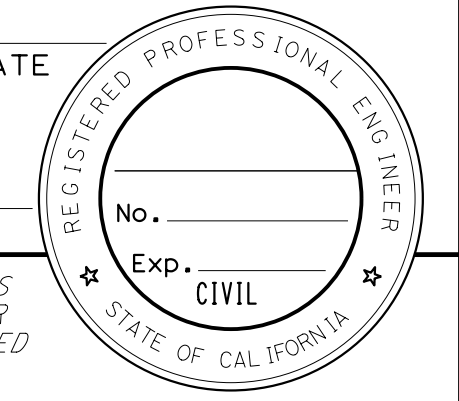
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

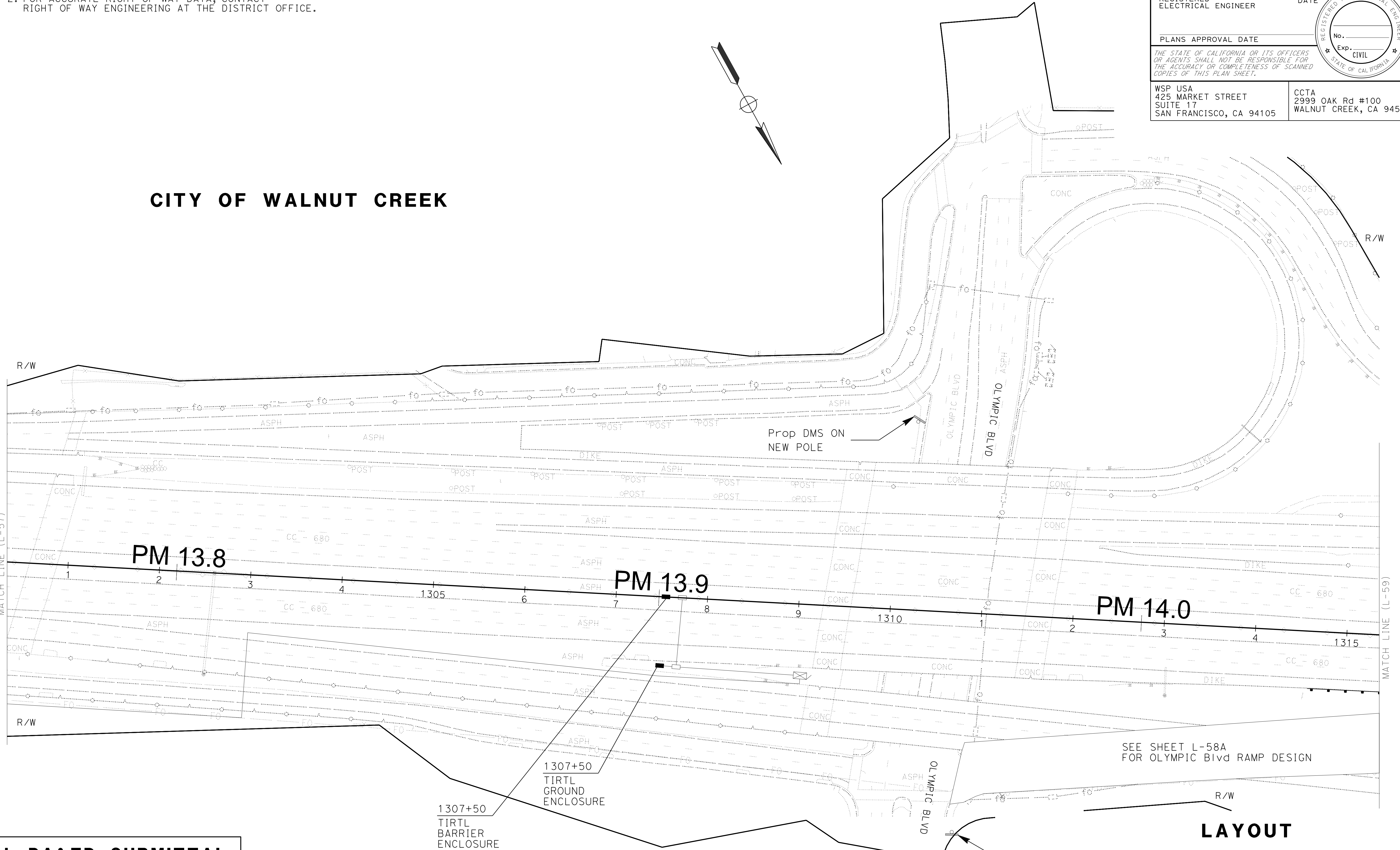
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



CITY OF WALNUT CREEK



PM 13.8

PM 13.9

PM 14.0

SEE SHEET L-58A FOR OLYMPIC Blvd RAMP DESIGN

LAYOUT

SCALE: 1" = 50'

L-58

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

USERNAME => wspw14-pw-svc
DGN FILE => 00960_L-58.dgn

RELATIVE BORDER SCALE
15" IN INCHES



UNIT XXXX

PROJECT NUMBER & PHASE

04000XXXXXX

BORDER LAST REVISED 7/2/2010

LAST REVISION DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:41

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CALCULATED/DESIGNED BY	REVISOR
Caltrans	CHECKED BY	DATE REVISED
CARLOS CAMPO	JEFF SMITH	
	STEVEN YOSHIZUMI	

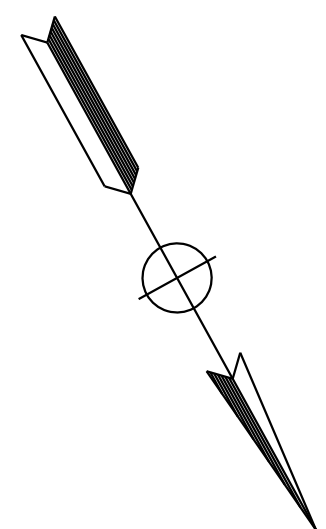
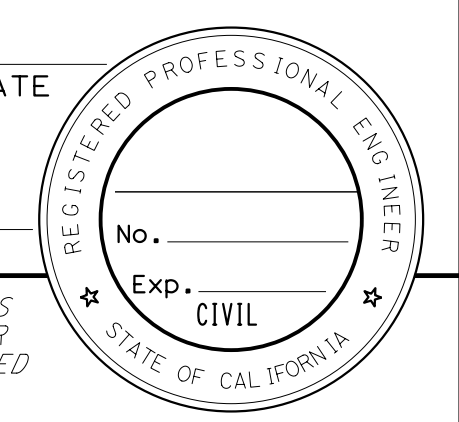
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

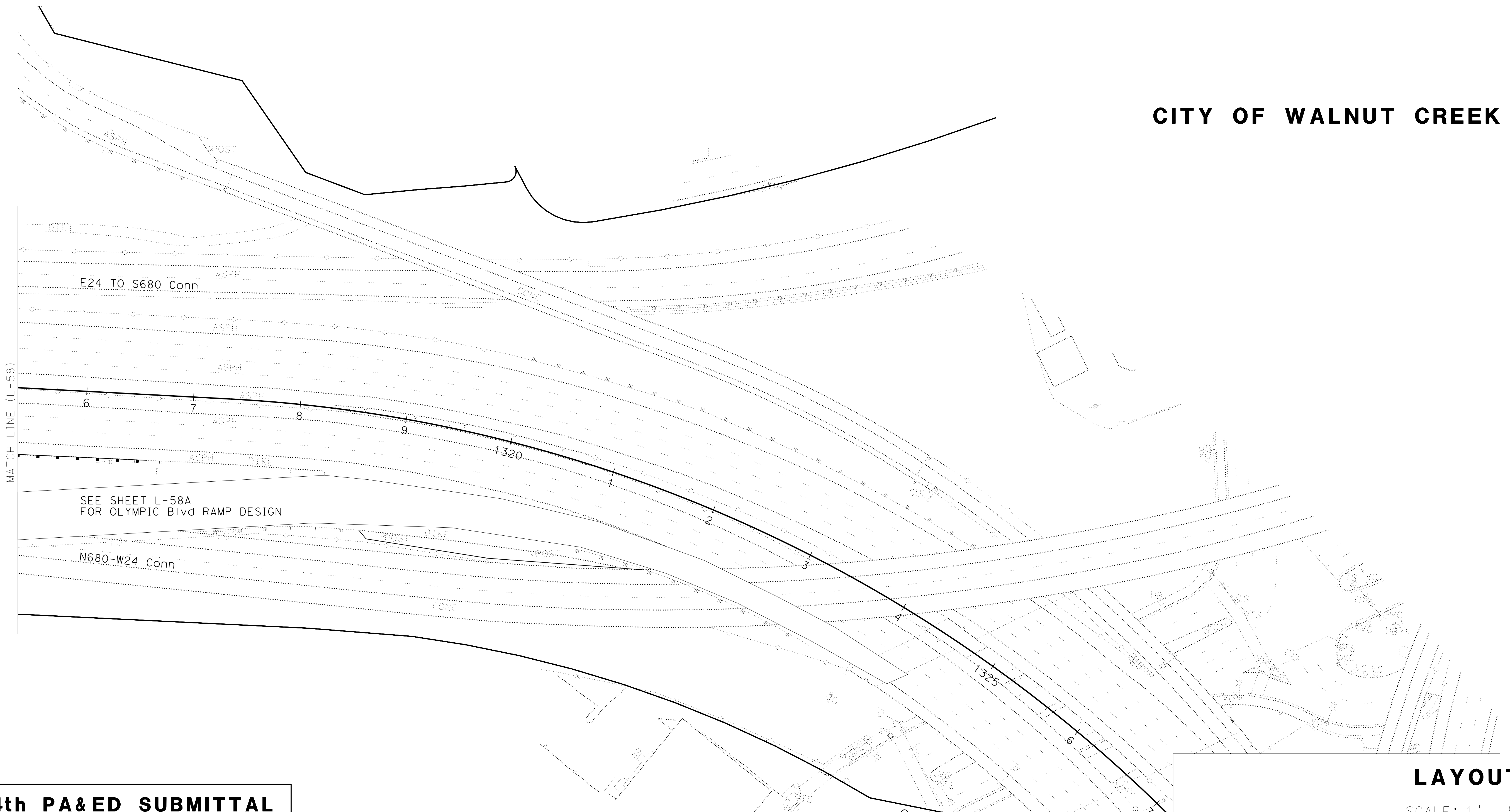
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



CITY OF WALNUT CREEK



SEE SHEET L-58A
FOR OLYMPIC Blvd RAMP DESIGN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY	REVISOR	DATE
	CARLOS CAMPO		JEFF SMITH	STEVEN YOSHIZUMI		

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

L-59

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63

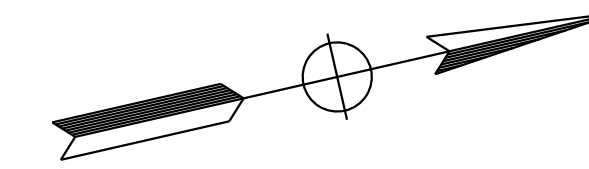
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

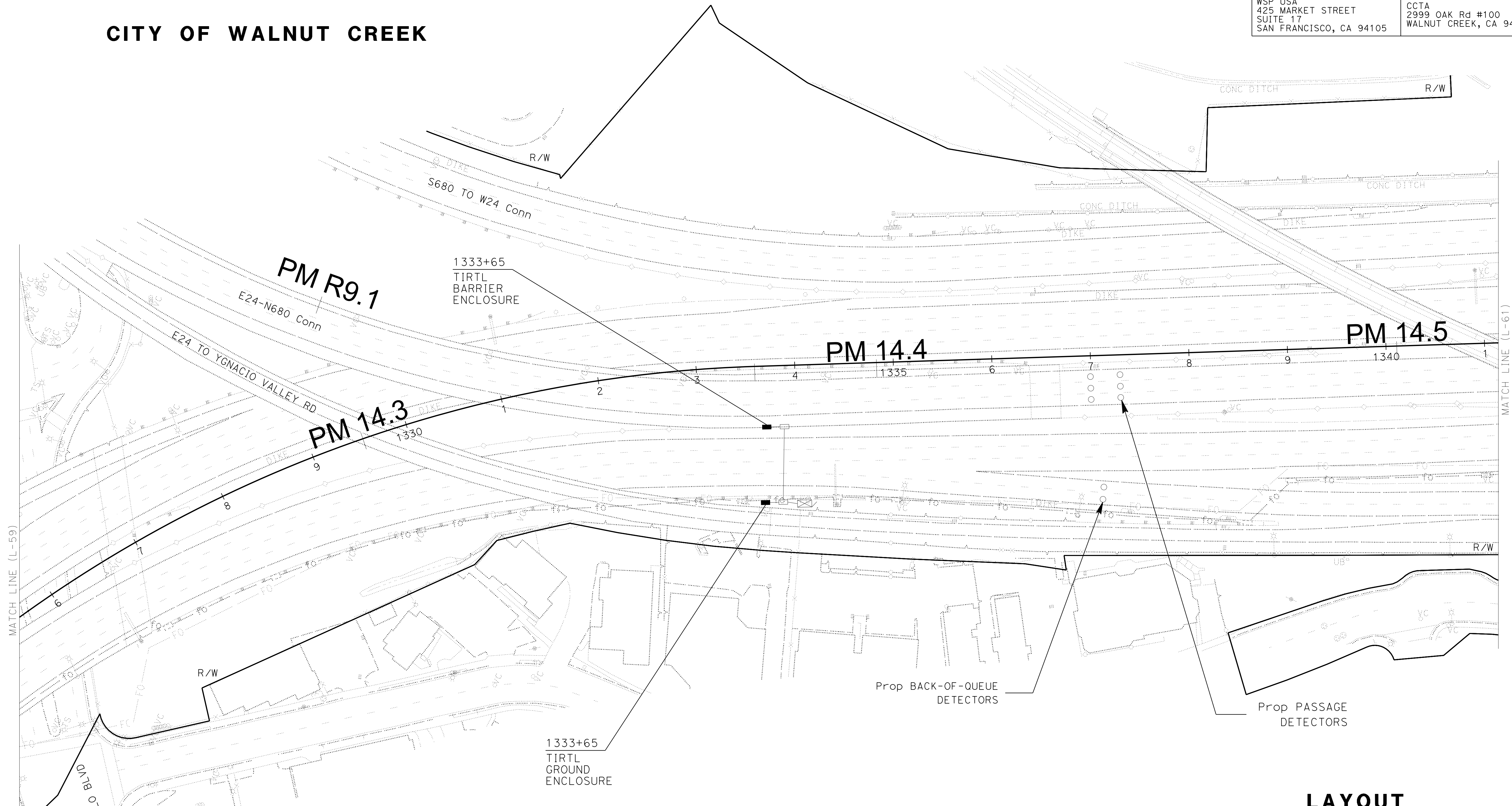
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WSP USA
425 MARKET STREET
SUITE 17
SAN FRANCISCO, CA 94105

CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



CITY OF WALNUT CREEK



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	REVISOR BY
Caltrans	CARLOS CAMPO	JEFF SMITH	STEVEN YOSHIZUMI
			DATE REVISED

4th PA&ED SUBMITTAL
NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT
SCALE: 1" = 50'
L-60

LAST REVISION: DATE PLOTTED => 25-JAN-2024 TIME PLOTTED => 00:39

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

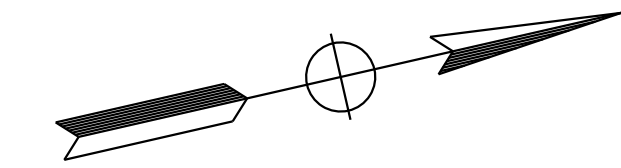
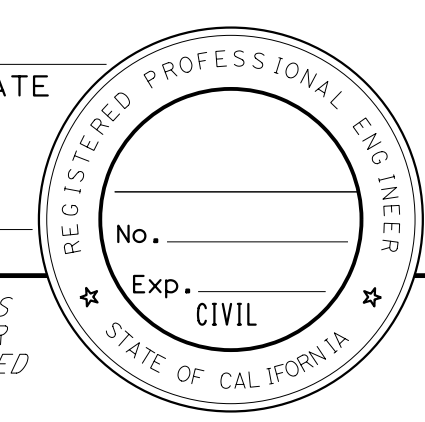
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

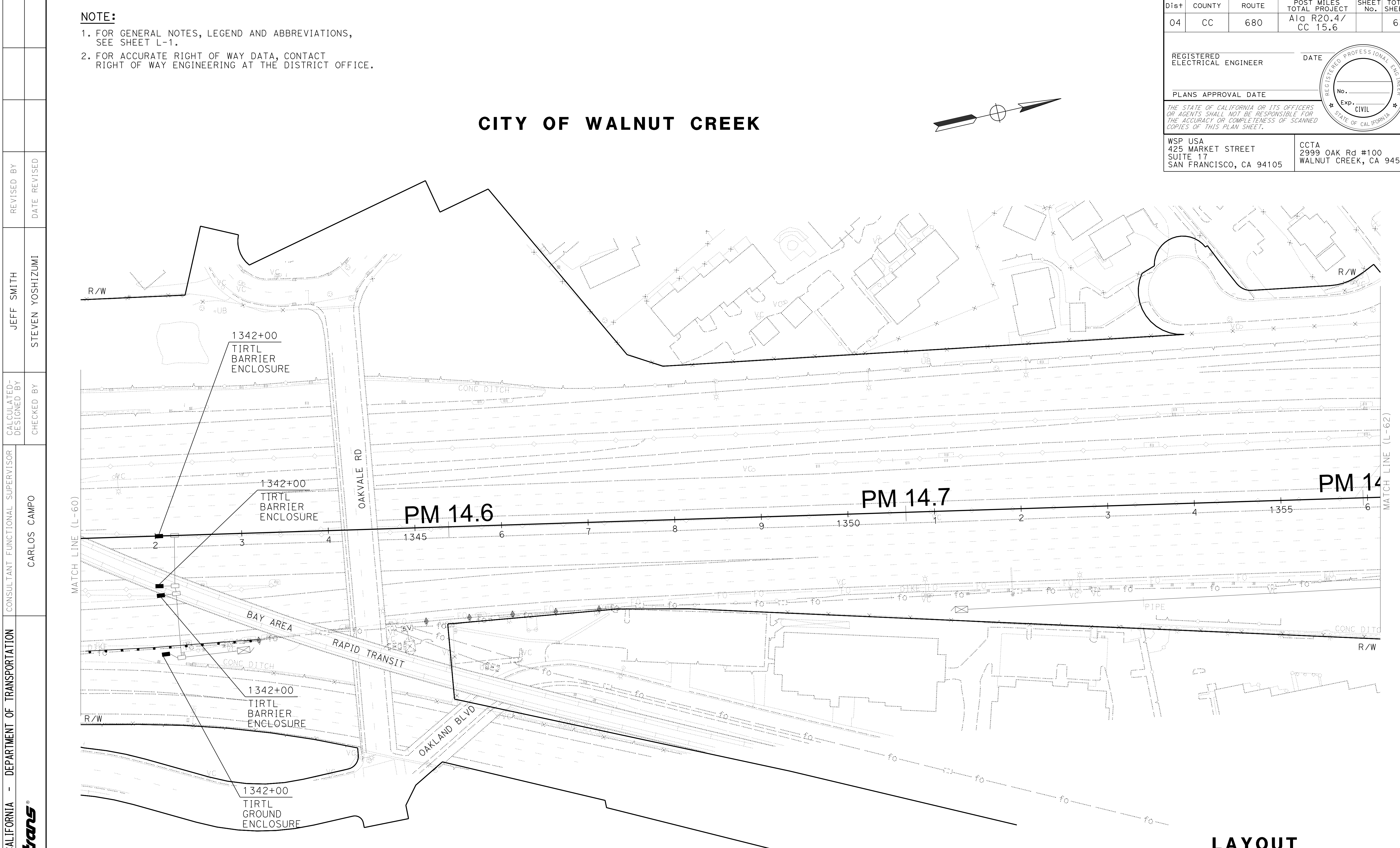
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WALNUT CREEK, CA 94597



CITY OF WALNUT CREEK



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
JEFF SMITH	CARLOS CAMPO	JEFF SMITH	JEFF SMITH
STEVEN YOSHIZUMI		STEVEN YOSHIZUMI	STEVEN YOSHIZUMI
CHECKED BY		CHECKED BY	DATE REVISED

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

SCALE: 1" = 50'

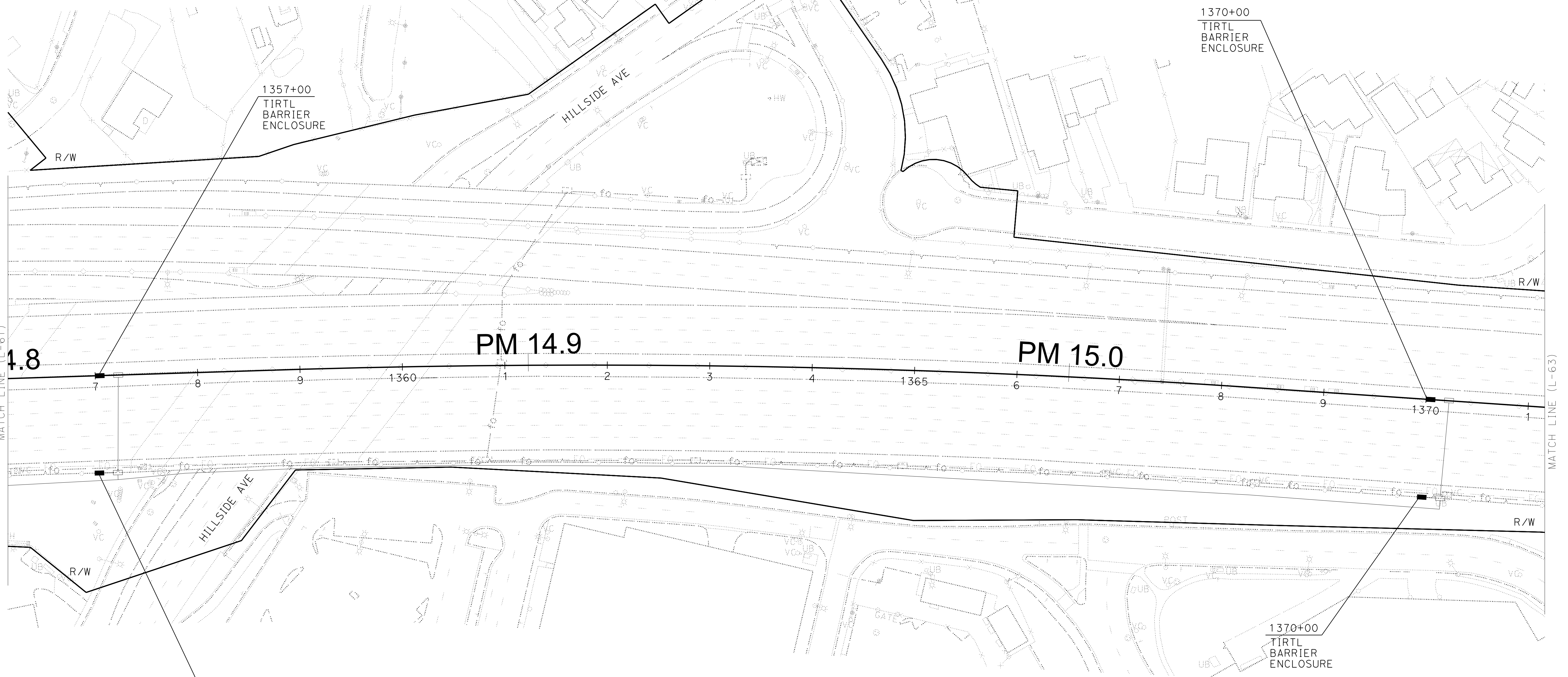
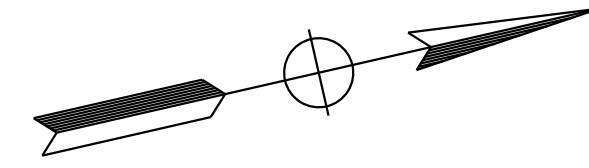
L-61

LAST REVISION: DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:41

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
			* Exp. CIVIL *		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105		
			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



CITY OF WALNUT CREEK

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

LAYOUT

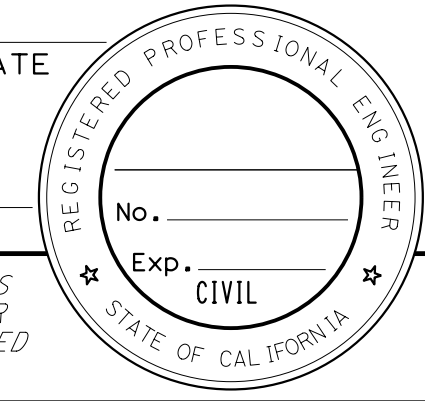
SCALE: 1" = 50'

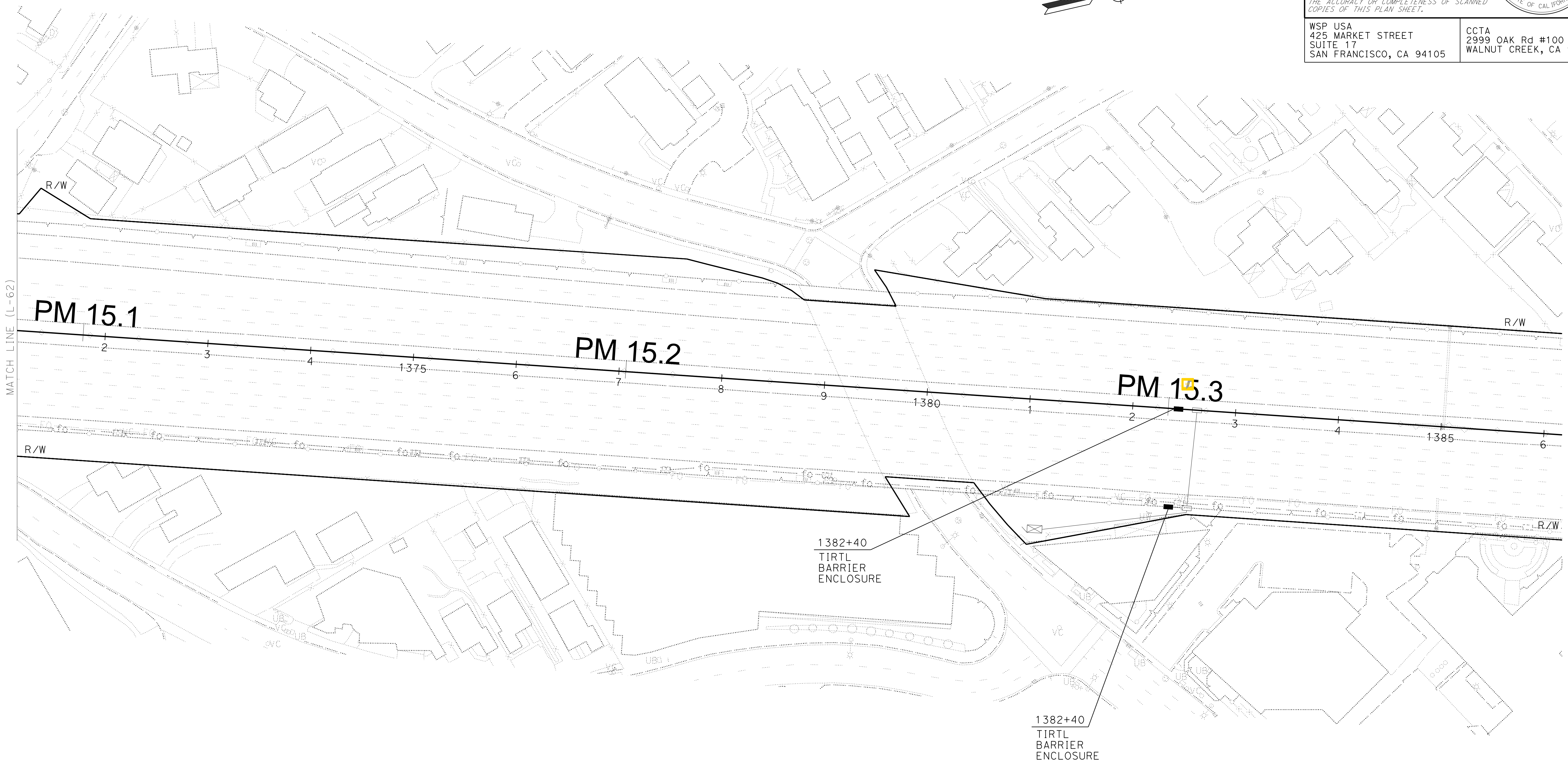
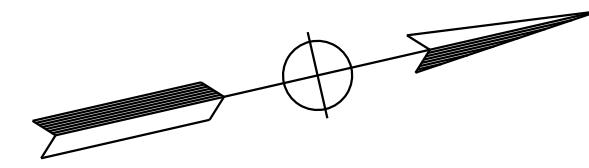
L-62

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR CARLOS CAMPO
 CALCULATED/DESIGNED BY
 CHECKED BY
 JEFF SMITH
 STEVEN YOSHIZUMI
 REVISOR BY
 DATE REVISED

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
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CITY OF WALNUT CREEK

LAYOUT


SCALE: 1" = 50'

L-63

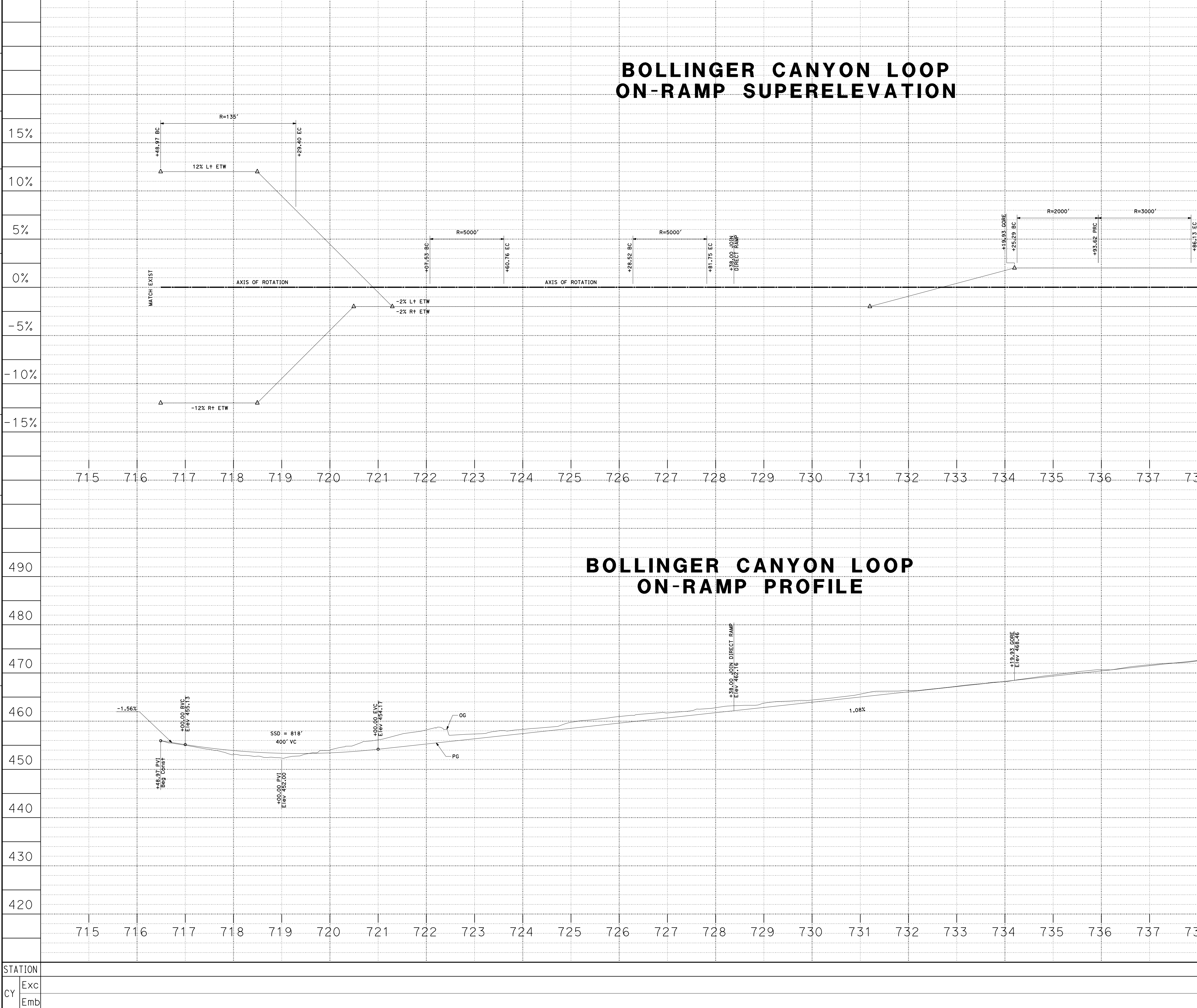
4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024



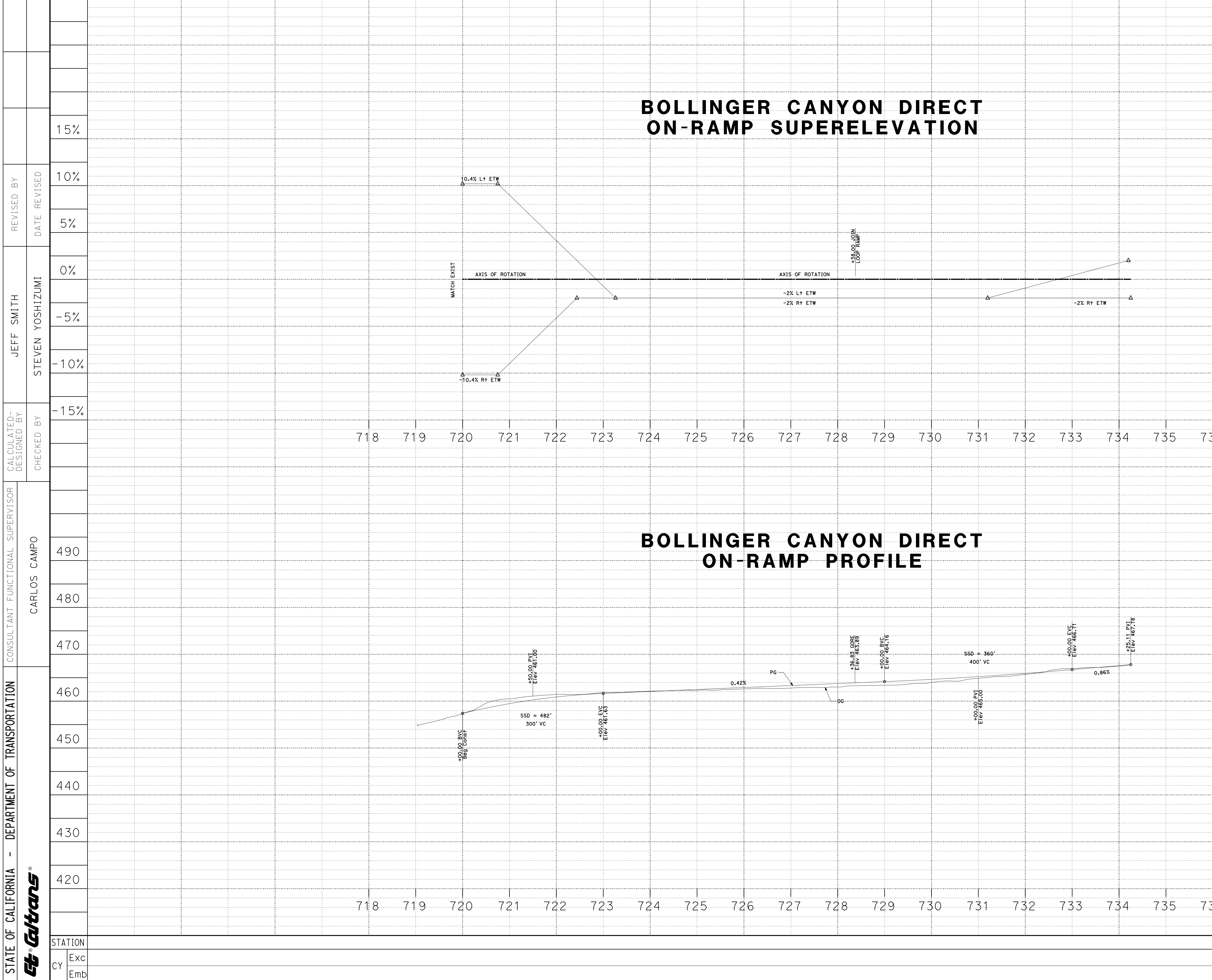
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
	JEFF SMITH	
	STEVEN YOSHIZUMI	
CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	
CARLOS CAMPO		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT - FUNCTIONAL SUPERVISOR: CARLOS CAMPO
 CALCULATED-DESIGNED BY: JEFF SMITH
 CHECKED BY: STEVEN YOSHIZUMI
 REVISIONS: 15%, 10%, 5%, 0%, -5%, -10%, -15%

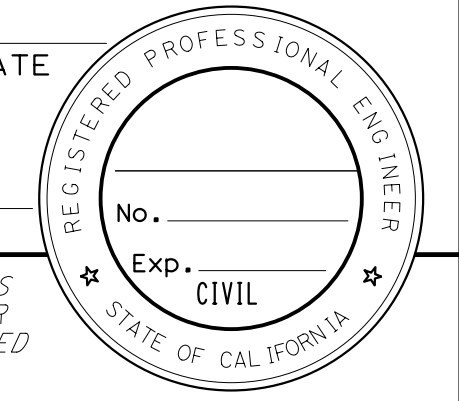


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			Exp. CIVIL		
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		

PROFILE & SUPERELEVATION PS-1



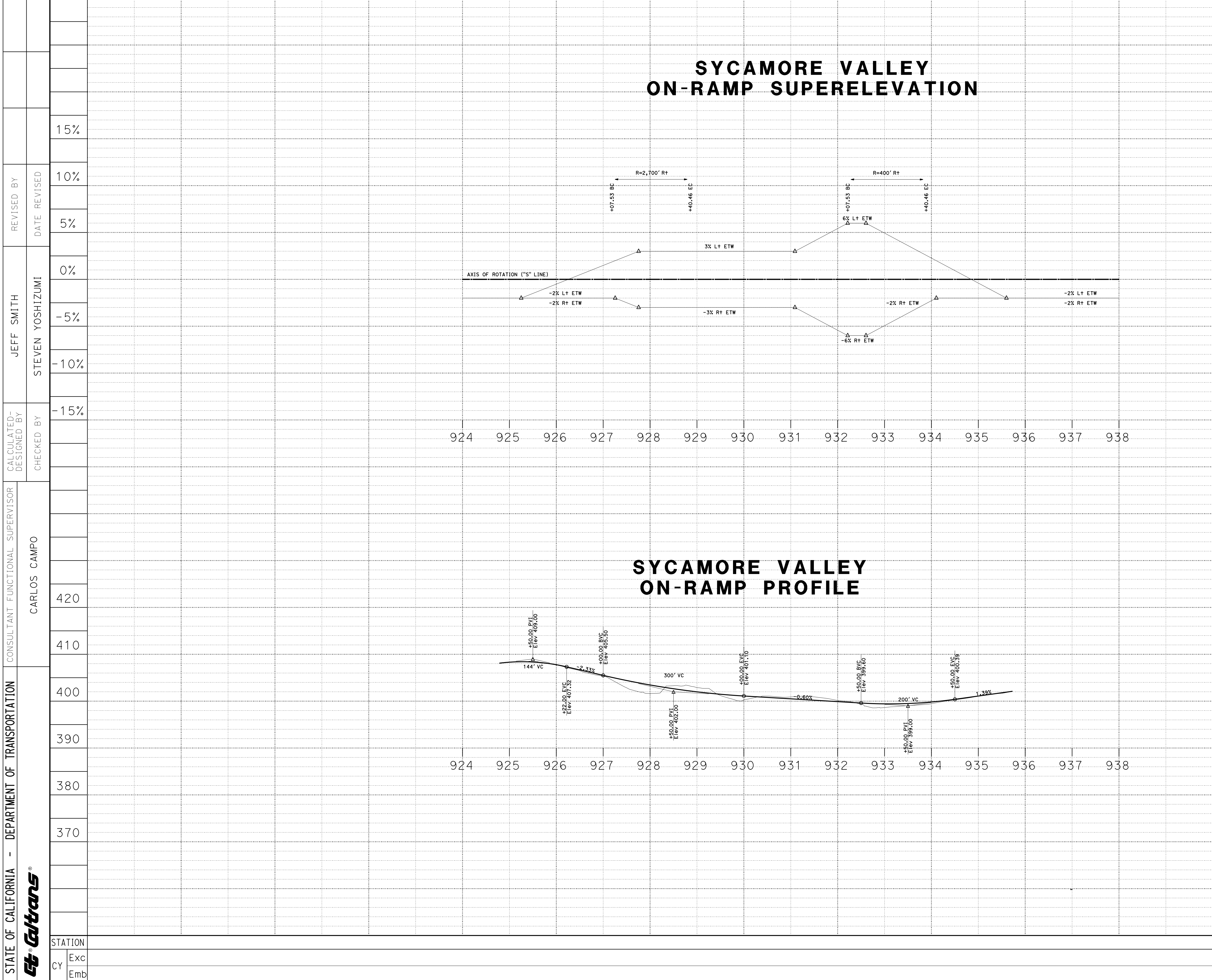
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



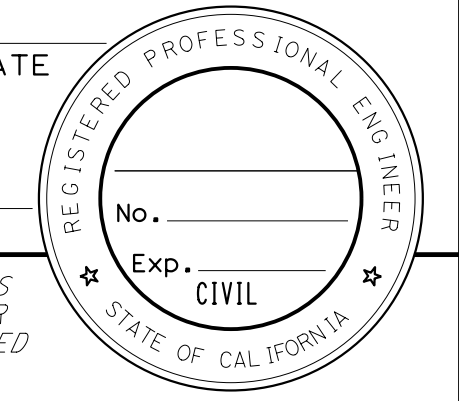
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	DATE REVISED
		JEFF SMITH	15%
		STEVEN YOSHIZUMI	10%
			5%
			0%
			-5%
			-10%
			-15%
STATION			
CY	Exc		
	Emb		
TOTAL			

PROFILE & SUPERELEVATION PS-2

LAST REVISION DATE PLOTTED => 25-JAN-2024 00:00:00 TIME PLOTTED => 00:42



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	JEFF SMITH	STEVEN YOSHIZUMI	REVISOR	DATE	15%	10%	5%	0%	-5%	-10%	-15%	420	410	400	390	380	370	STATION	Exc	Emb	TOTAL	
Et Caltrans	CARLOS CAMPO																								

PROFILE & SUPERELEVATION PS-5

LAST REVISION DATE PLOTTED => 25-JAN-2024 00-00-00 TIME PLOTTED => 00:41

**ATTACHMENT E:
ELECTRICAL DETAIL SHEETS**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

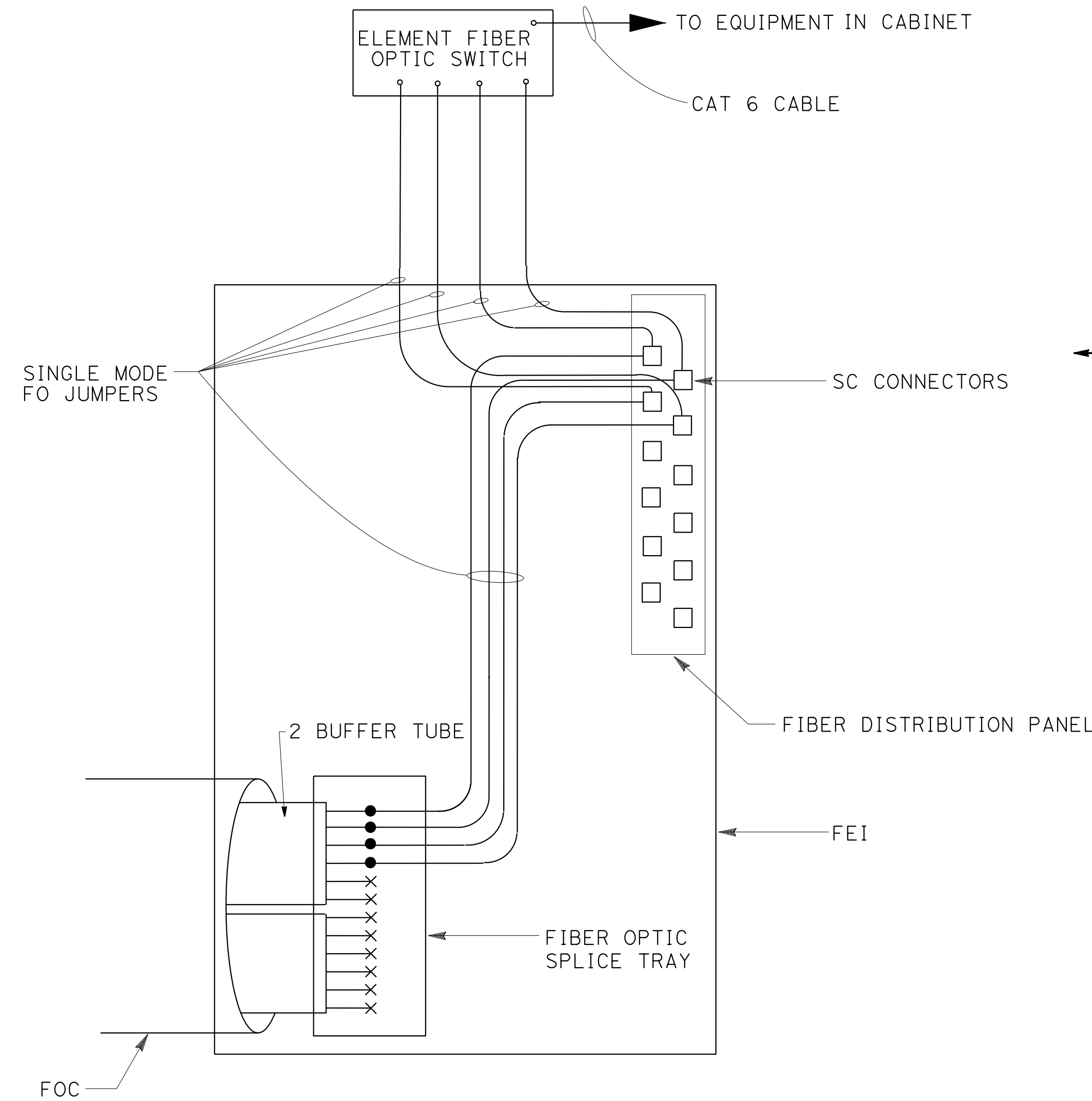
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--

NOTES:

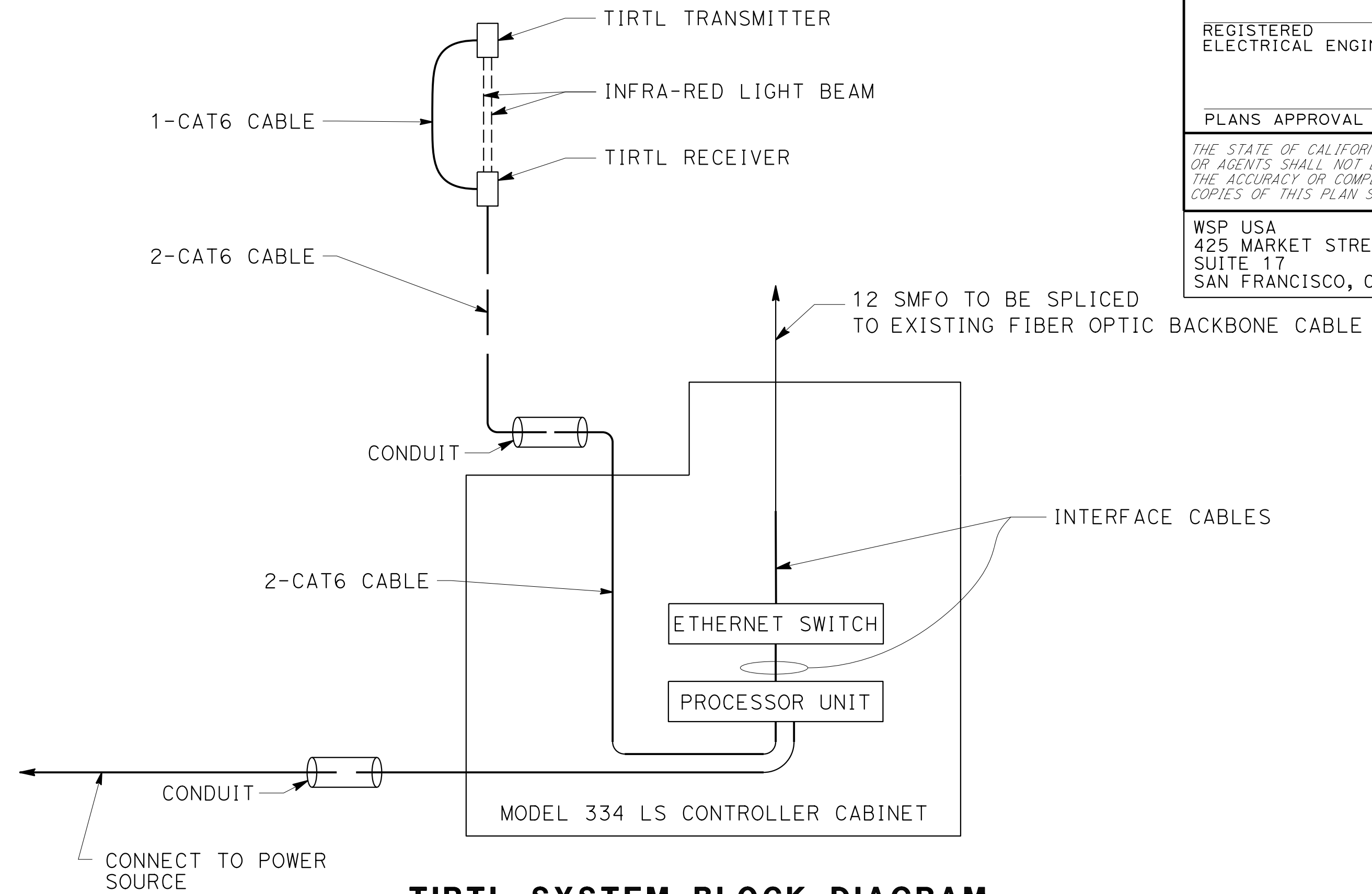
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET E-1.

LEGEND-(THIS SHEET ONLY):

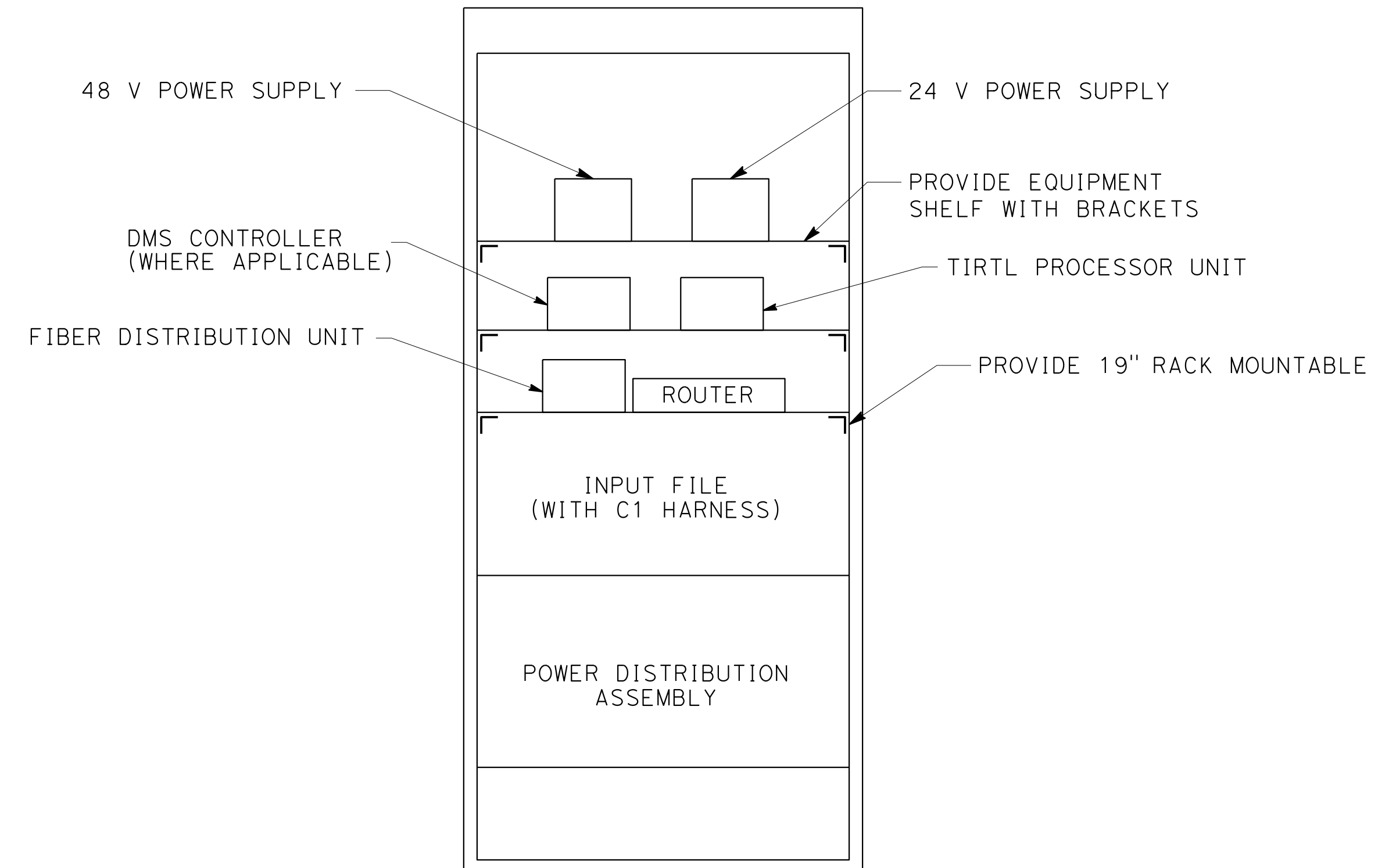
- SC CONNECTORS
- SPLICE PIGTAIL TO TYPE D CABLE
- × DARK FIBER



DETAIL A
TIRTL LOCATIONS
FIELD ELEMENT INTERFACE (FEI)



TIRTL SYSTEM BLOCK DIAGRAM



MODEL 334 LS CONTROLLER CABINET LAYOUT
(FRONT VIEW)

ELECTRICAL SYSTEMS DETAILS

TIRTL SYSTEM DETAILS

SCALE: 1" = 50'

ED-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans	MARLO MAYNICO	
	JOE DE LA GARZA	
	CALCULATED-DESIGNED BY	CHECKED BY
	CARLOS CAMPO	

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
AUGUST 2023

USERNAME => wppw14-pw-svc
DGN FILE => 00960_ED-1.dgn

RELATIVE BORDER SCALE
IS IN INCHES



UNIT XXXX

PROJECT NUMBER & PHASE

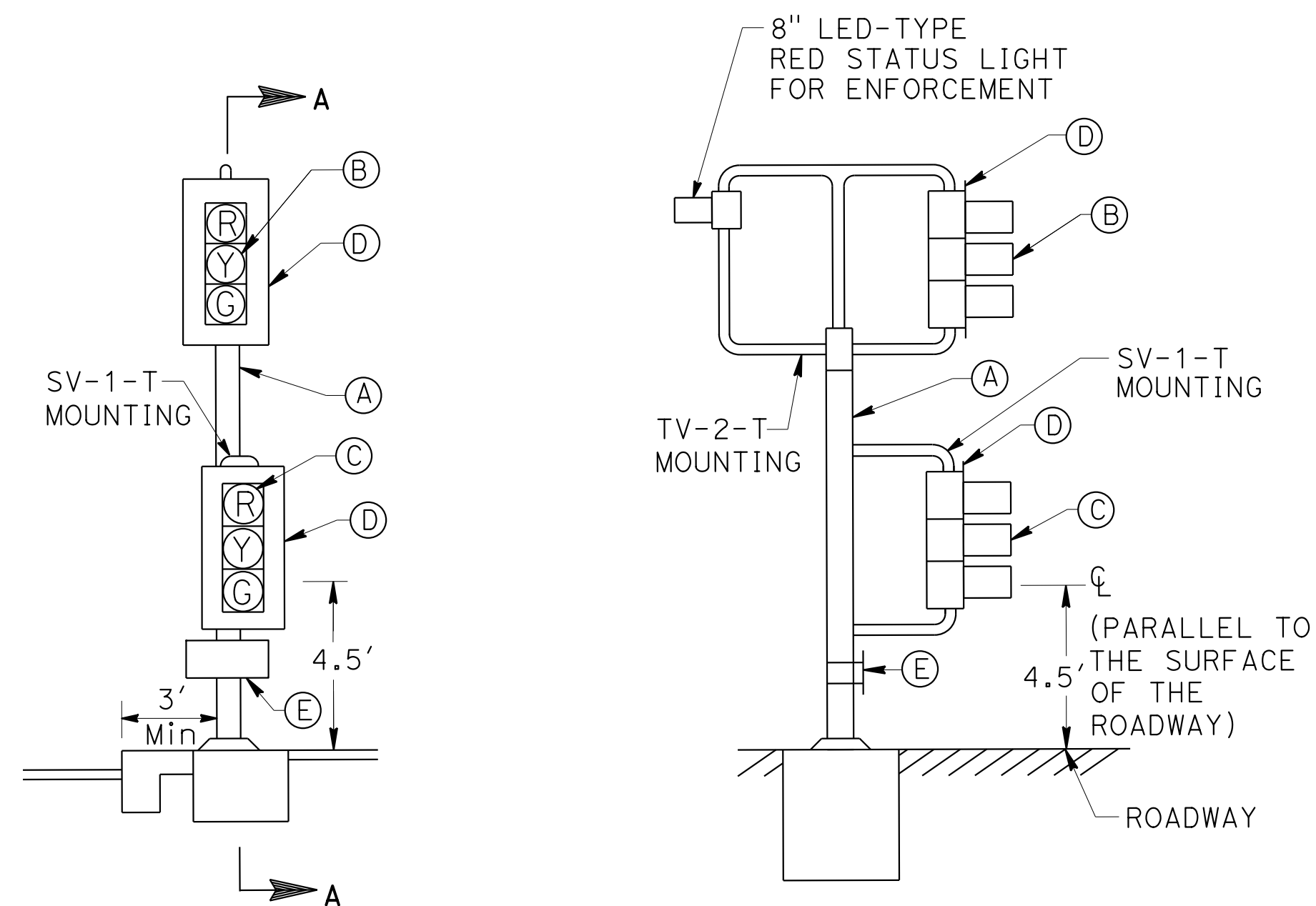
04000XXXXXX

LAST REVISION DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:40

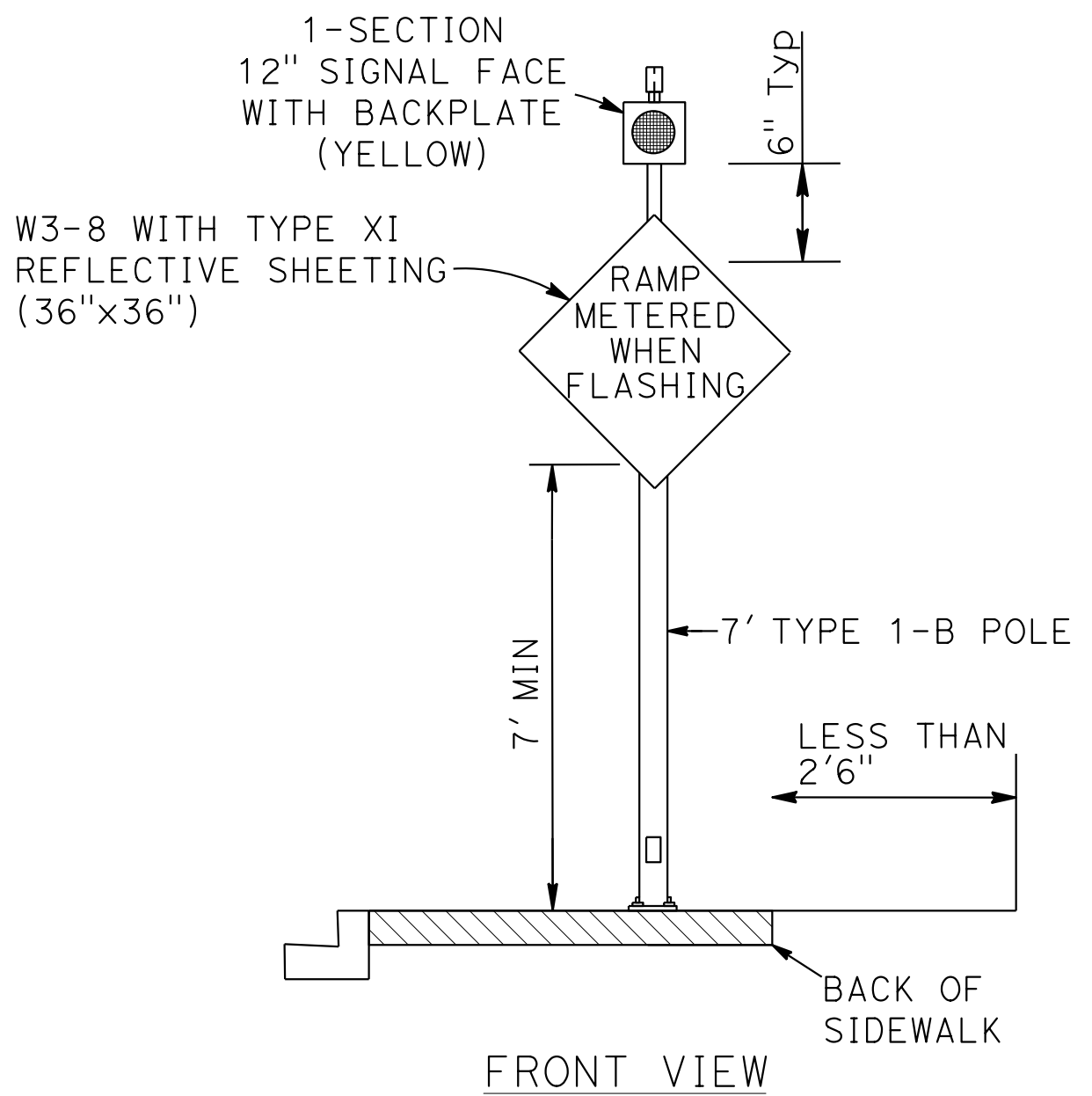
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT - FUNCTIONAL SUPERVISOR: CARLOS CAMPO
 CALCULATED-DESIGNED BY: MARLO MAYNIGO
 CHECKED BY: JOE DE LA GARZA
 REVISOR: REVISED BY: DATE REVISED

NOTES: (THIS SHEET ONLY)

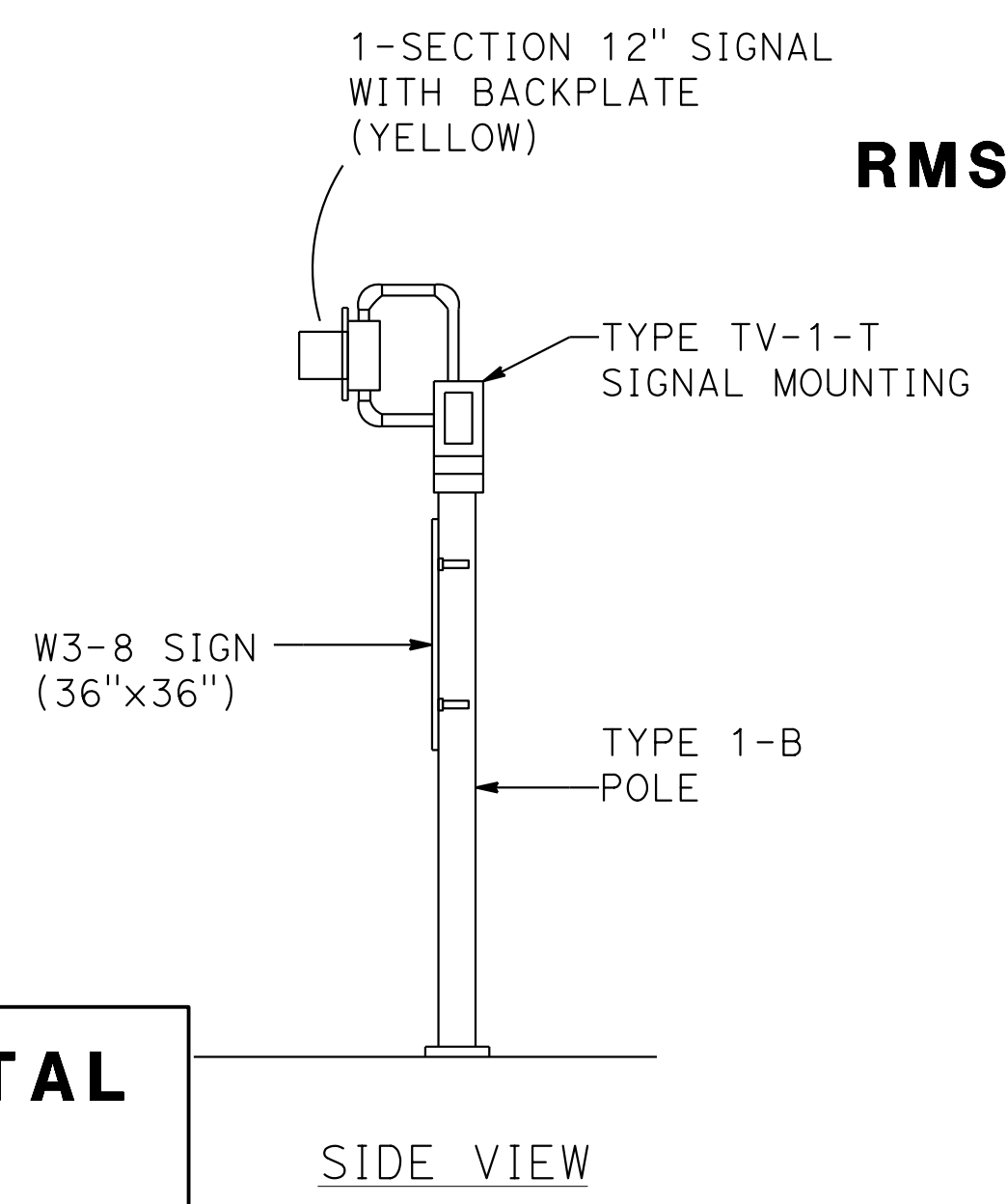
- (A) TYPE 1-B(10') SIGNAL STANDARD.
 - (B) 3-SECTION, 12" LED SIGNAL HEAD (RED, YELLOW, GREEN). 18" X 12" ANGLED VISORS ARE REQUIRED WHERE SHOWN ON THE PLANS.
 - (C) 3-SECTION, 12" LED SIGNAL HEAD (RED, YELLOW, GREEN), WITH 12" FULL CIRCLE VISORS. TYPE SV-1-T BRACKET MOUNTING ON SIDE OF STANDARD AWAY FROM TRAFFIC.
 - (D) BACK PLATE.
 - (E) R89-1(CA) SIGN (36"x16"), STRAP AND SADDLE MOUNTED TO STANDARD. SEE SIGN PLANS.
- 1 SEE PLANS FOR CONDUIT SIZES AND TYPES OF PULL BOXES.
 - 2 INSTALL RAMP METERING STANDARD AS NOTED ON PLAN.



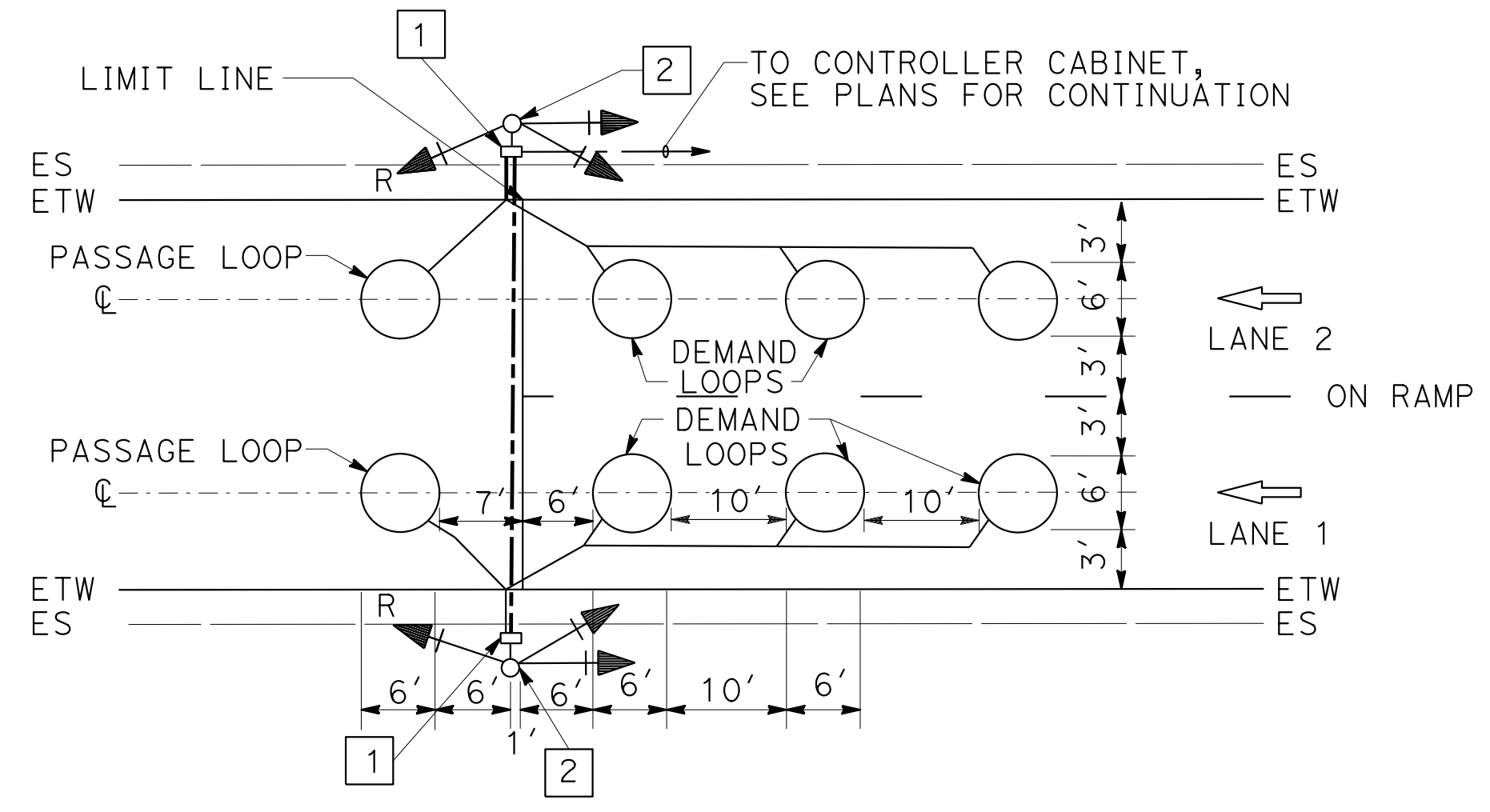
RMS POLE DETAIL



RMS FLASHING BEACON ASSEMBLY



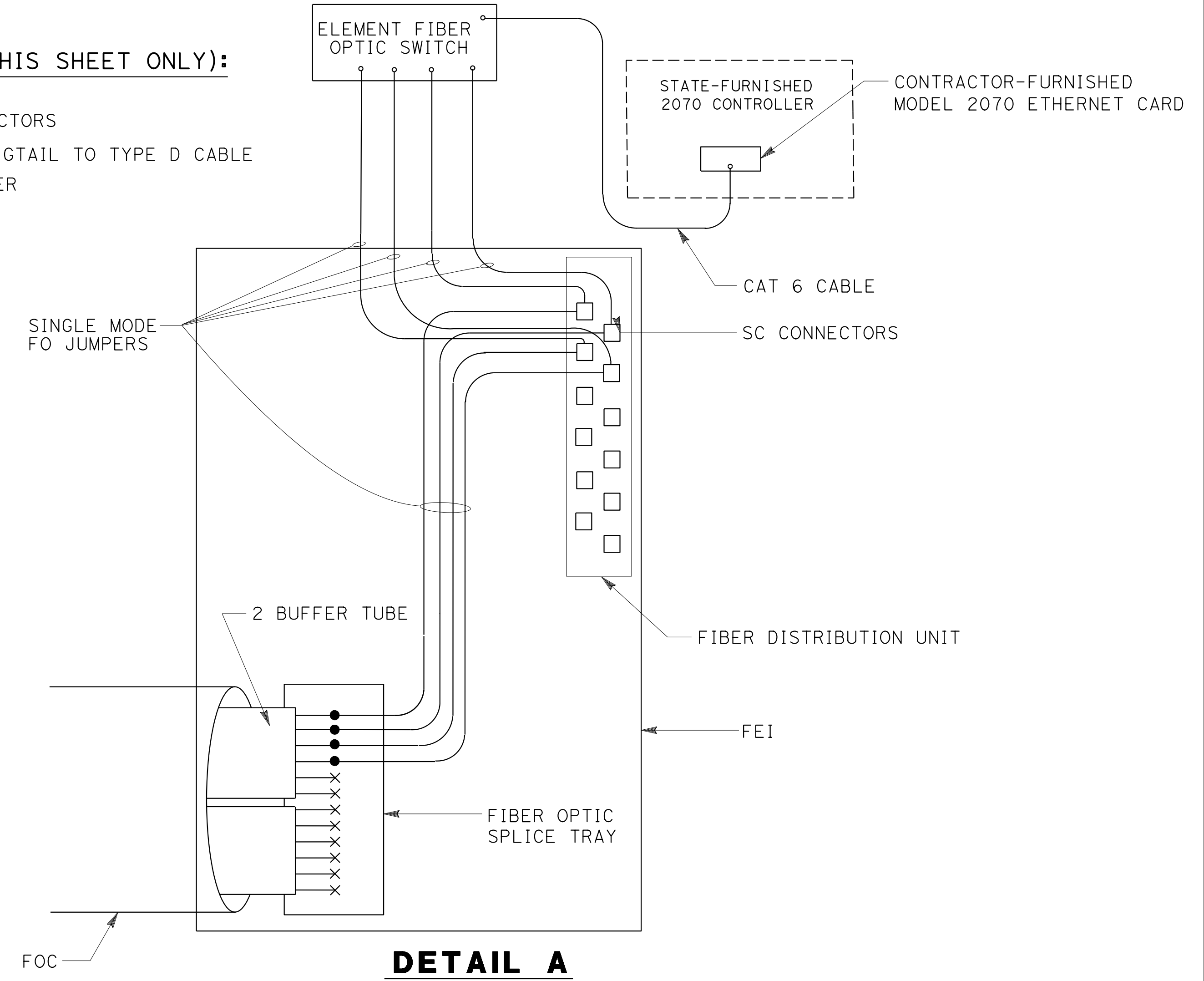
SIDE VIEW



RAMP METER LIMIT LINE LOOP INSTALLATION DETAIL

LEGEND-(THIS SHEET ONLY):

- SC CONNECTORS
- SPLICE PIGTAIL TO TYPE D CABLE
- × DARK FIBER



**DETAIL A
 RAMP METER LOCATIONS
 FIELD ELEMENT INTERFACE (FEI)**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A1c R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER DATE

PLANS APPROVAL DATE

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 AUGUST 2023

**RAMP METERING SYSTEM
 ADVANCE WARNING INSTALLATION ON TYPE 1-B POLE**

ELECTRICAL SYSTEMS DETAILS

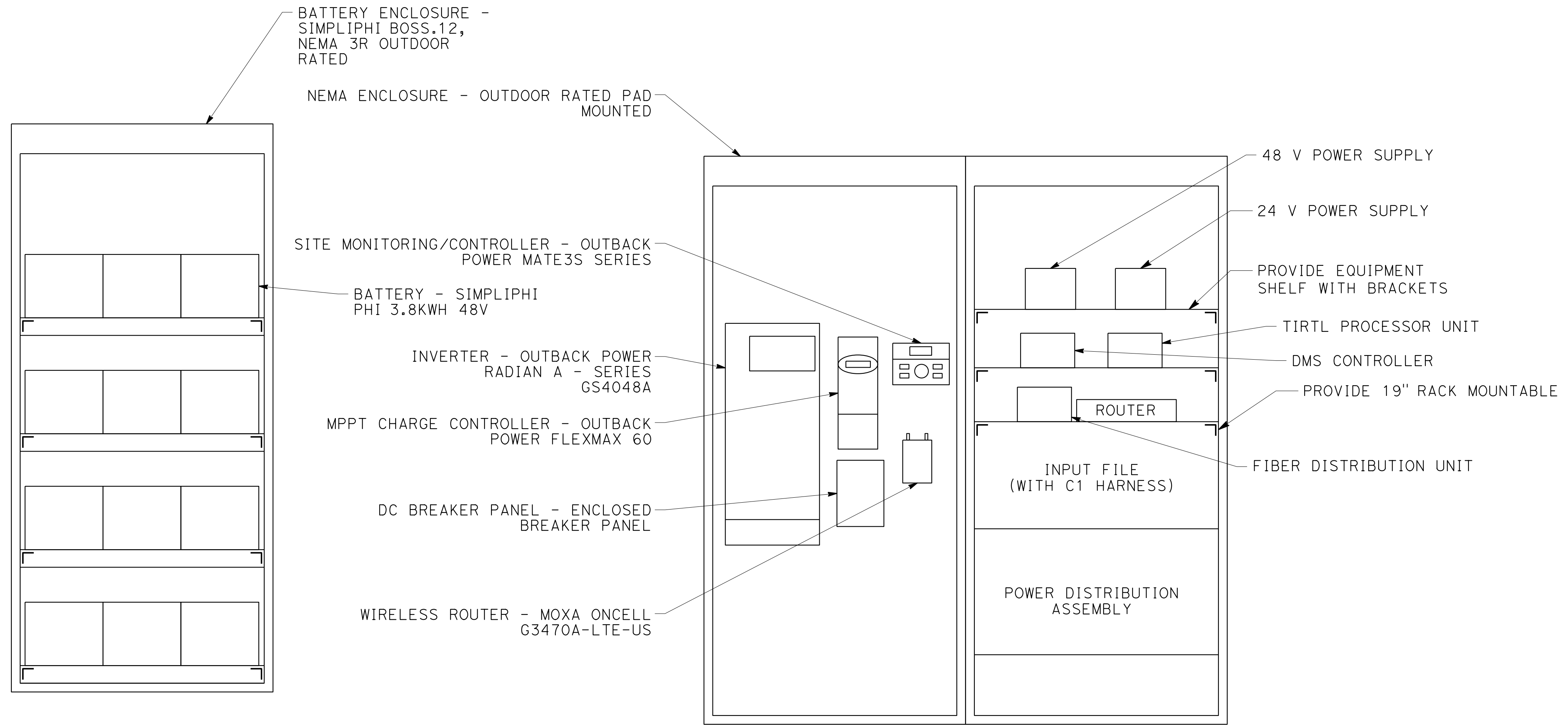
SCALE: 1" = 50'

ED-2



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Ald R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
			* Exp. CIVIL *		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		

NOTES:
 1. THE DRAWING SHOWS THE TYPICAL BATTERY ENCLOSURE AND ELECTRONICS ENCLOSURE FOR 12.96KW SYSTEM



**MODEL 334 LS BATTERY BACK-UP
 CABINET LAYOUT
 (FRONT VIEW)**

**MODEL 342 LX CONTROLLER
 CABINET LAYOUT
 (FRONT VIEW)**

12.96KW SOLAR SYSTEM DETAILS

ELECTRICAL SYSTEMS DETAILS

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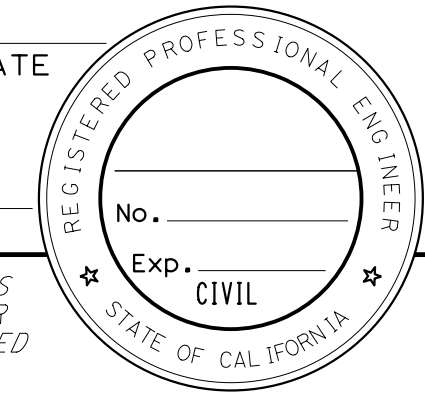
NOT FOR CONSTRUCTION
 AUGUST 2023

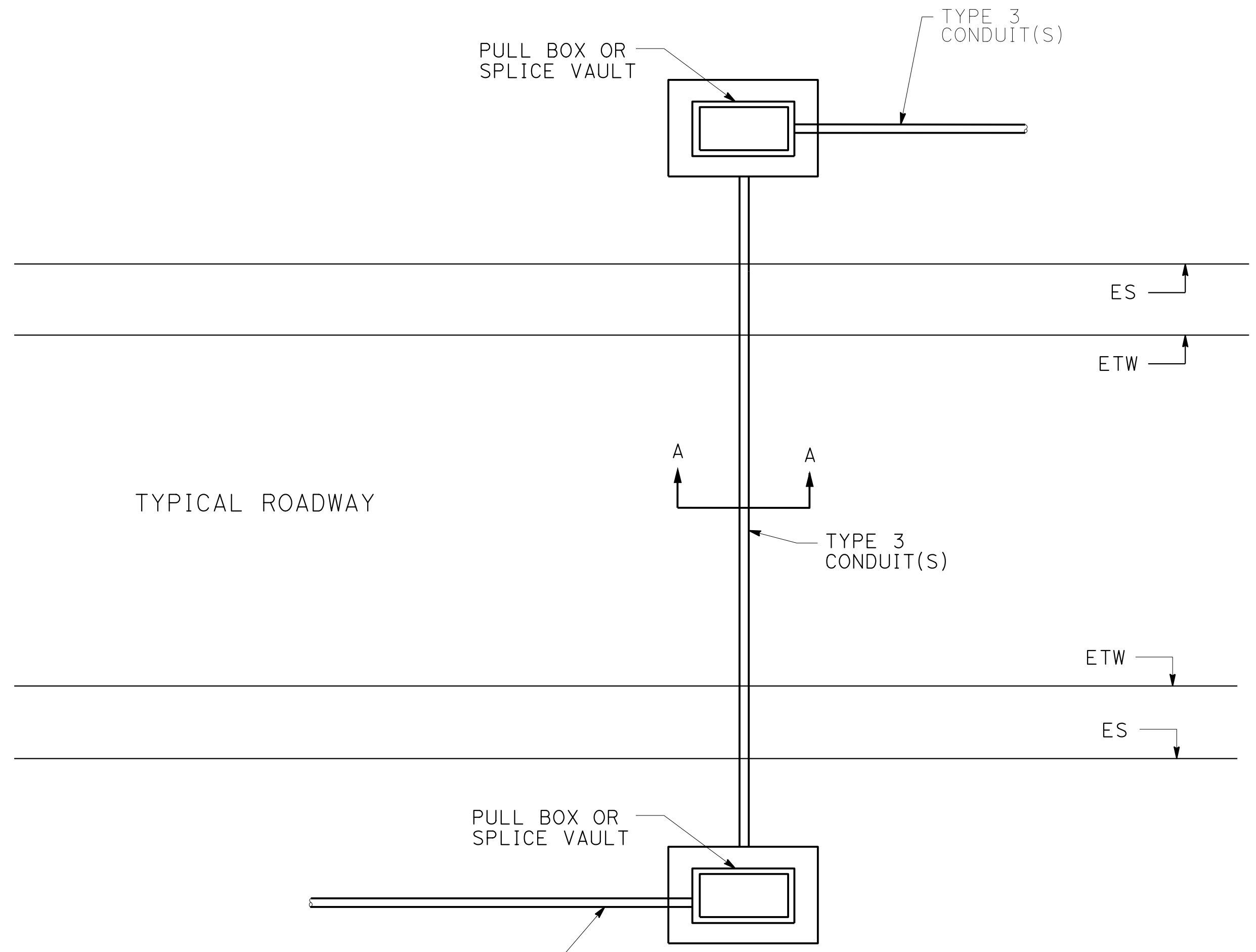
NO SCALE

ED-4

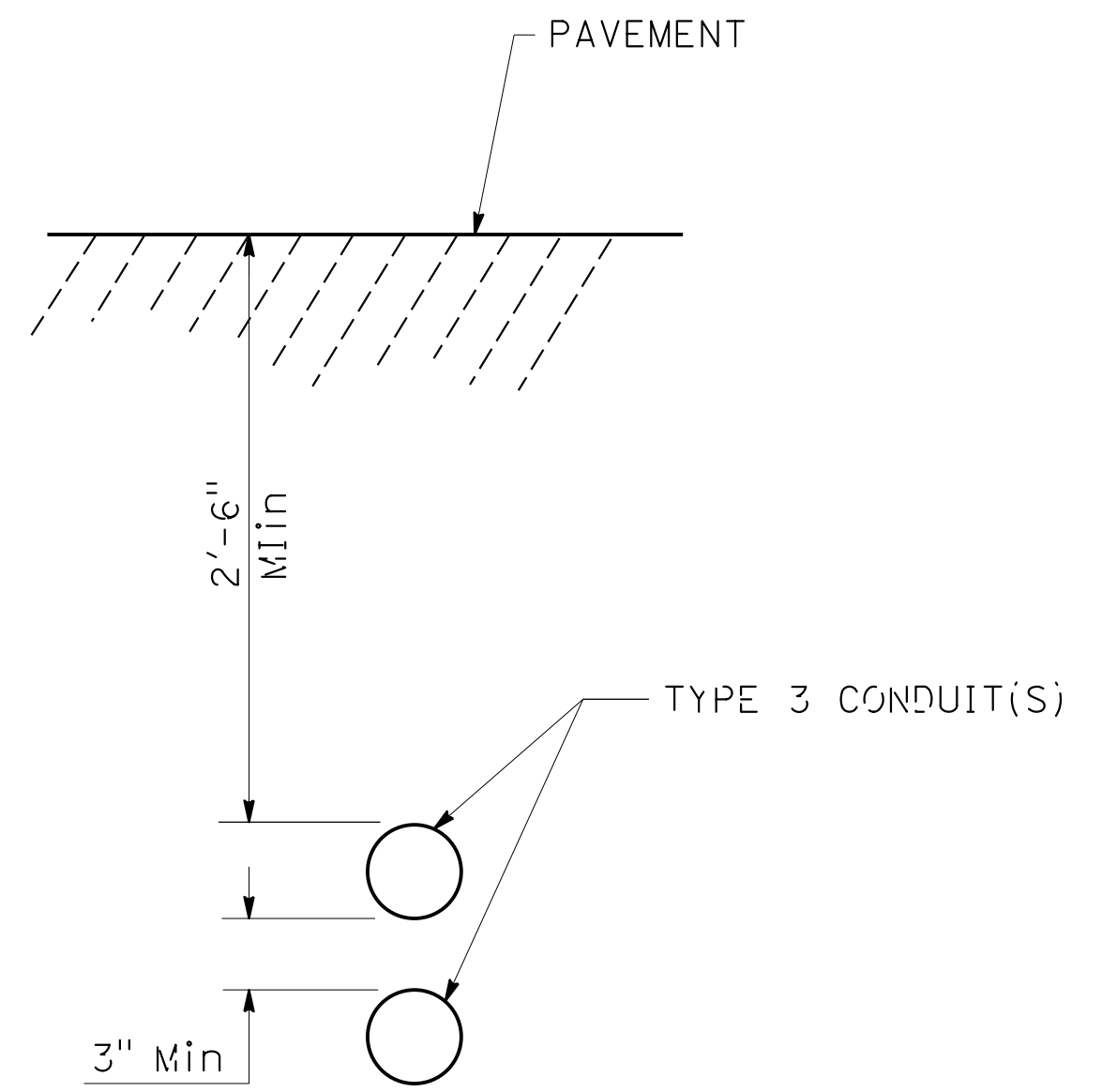
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CARLOS CAMPO
 CONSULTANT - FUNCTIONAL SUPERVISOR
 CHECKED BY
 MARLO MAYNICO
 DESIGNED BY
 JOE DE LA GARZA
 REVISOR
 DATE REVISED

LAST REVISION | DATE PLOTTED => 25-JAN-2024
 00-00-00 | TIME PLOTTED => 00:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A1d R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
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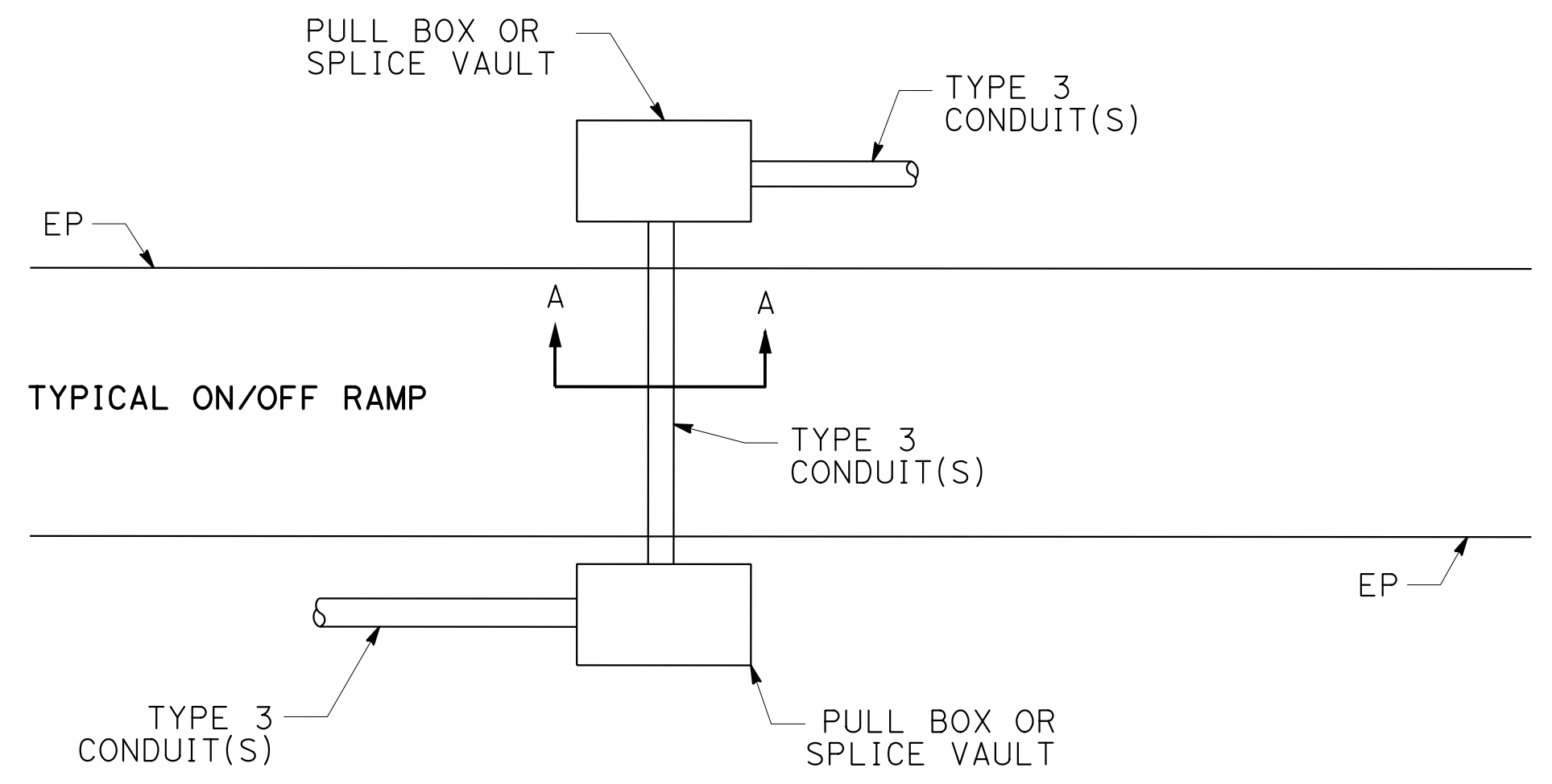
JACKED CONDUIT DETAIL



SECTION A-A

NOTES: (THIS SHEET ONLY)

- 1 ALL JACKED COMMUNICATION CONDUITS SHALL BE 30" MINIMUM BELOW FINISHED GRADE.
- 2 PLACE PULL BOXES AND SPLICE VAULTS AS SHOWN PER PLANS.



TYPICAL ON/OFF RAMP CROSSING

3rd PA&ED SUBMITTAL


NOT FOR CONSTRUCTION
AUGUST 2023

(JACKED CONDUIT DETAILS)

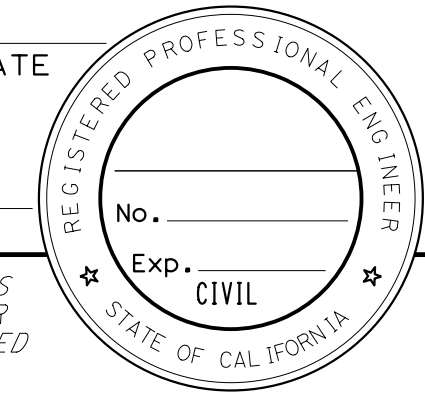
ELECTRICAL SYSTEMS DETAILS

SCALE: 1" = 50'

ED-5

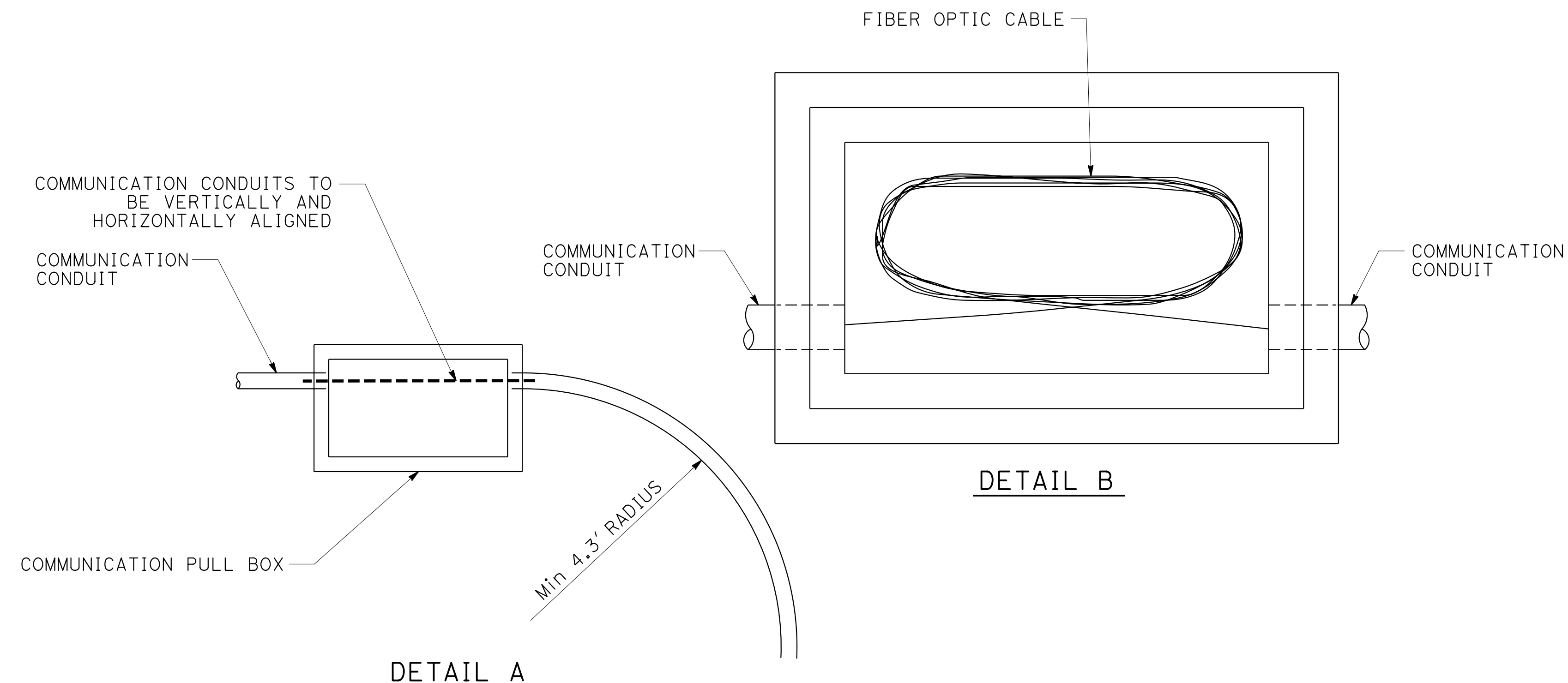
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
	CARLOS CAMPO	CHECKED BY	MARLO MAYNICO
			JOE DE LA GARZA
			DATE REVISOR



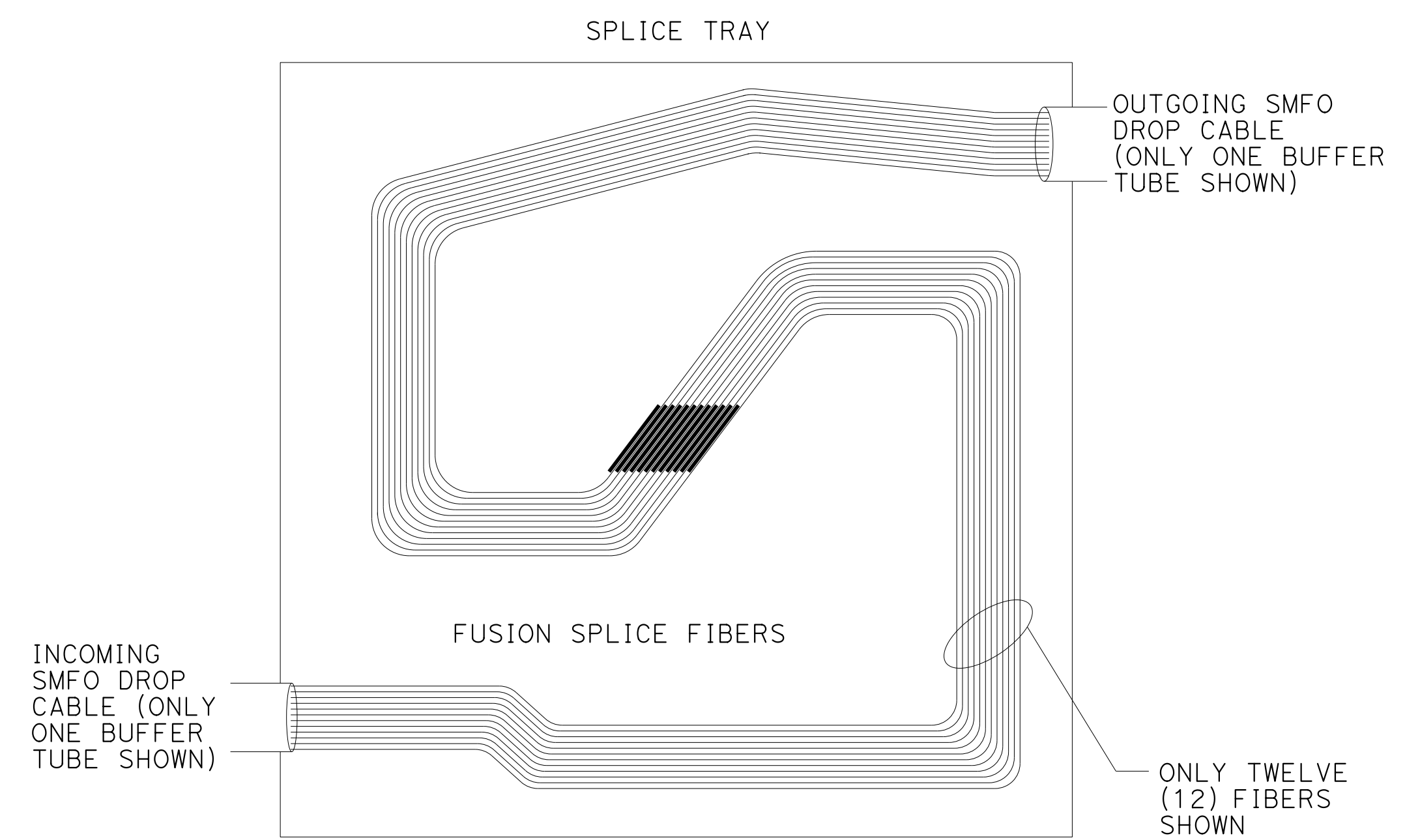
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER		DATE			
PLANS APPROVAL DATE					
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		

NOTES: (THIS SHEET ONLY)

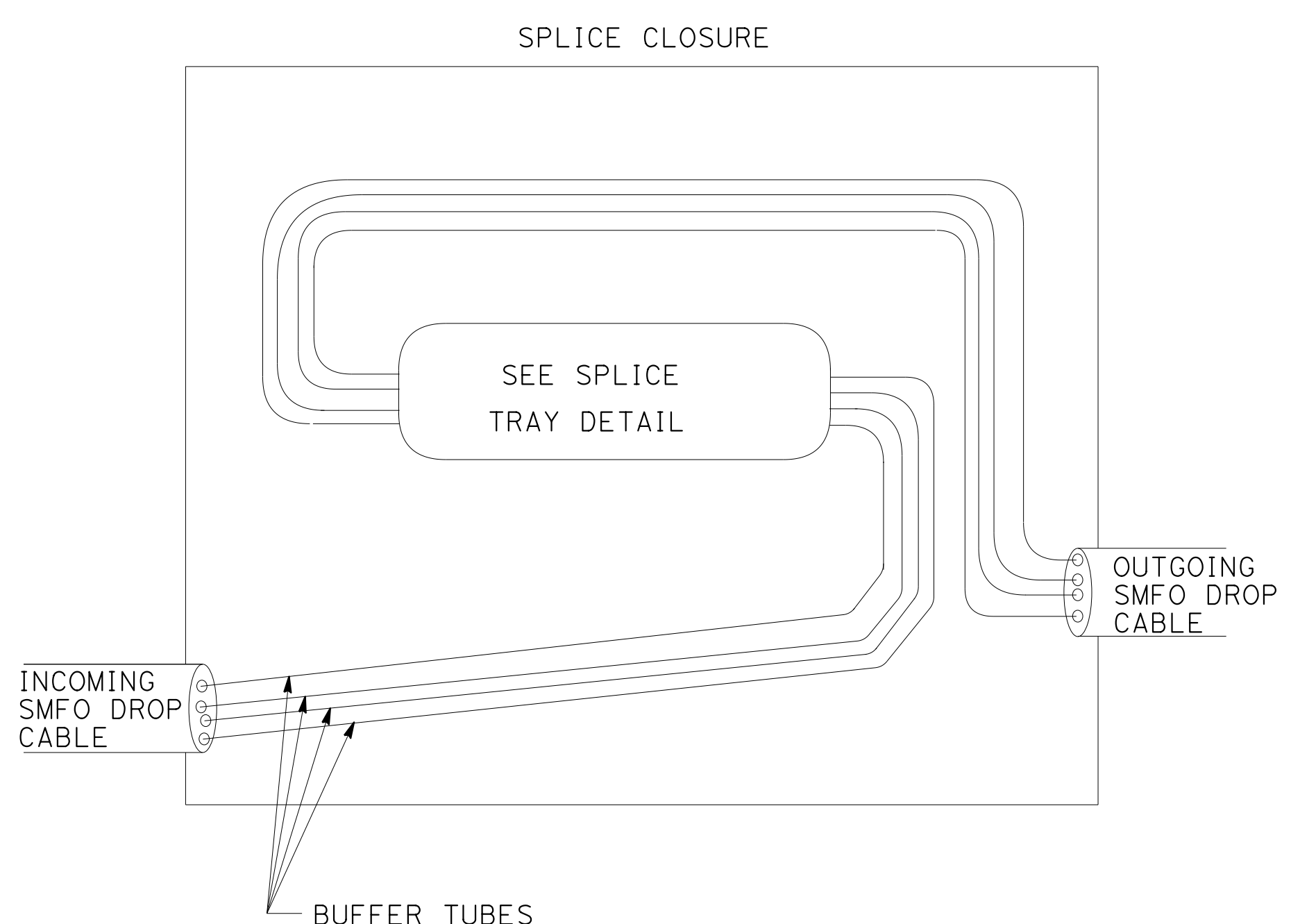
1. THE MINIMUM BEND RADIUS OF 4' SHALL BE MAINTAINED ON ALL CONDUITS CONTAINING FIBER OPTIC CABLE AND SIX TIMES THE CONDUIT DIAMETER FOR ALL OTHER CONDUITS.
2. ALL BENDS SHALL BE FACTORY BENDS.
3. CONDUIT SHALL EXTEND INTO THE PULLBOX A NOMINAL 2" FROM THE INSIDE WALL.
4. FIBER OPTIC SHALL BE COILED AND SECURED TO WALL OF COMMUNICATION PULL BOX USING UNISTRAPS. COIL 15' TYPICAL. PROVIDE A MINIMUM OF 40' SLACK.



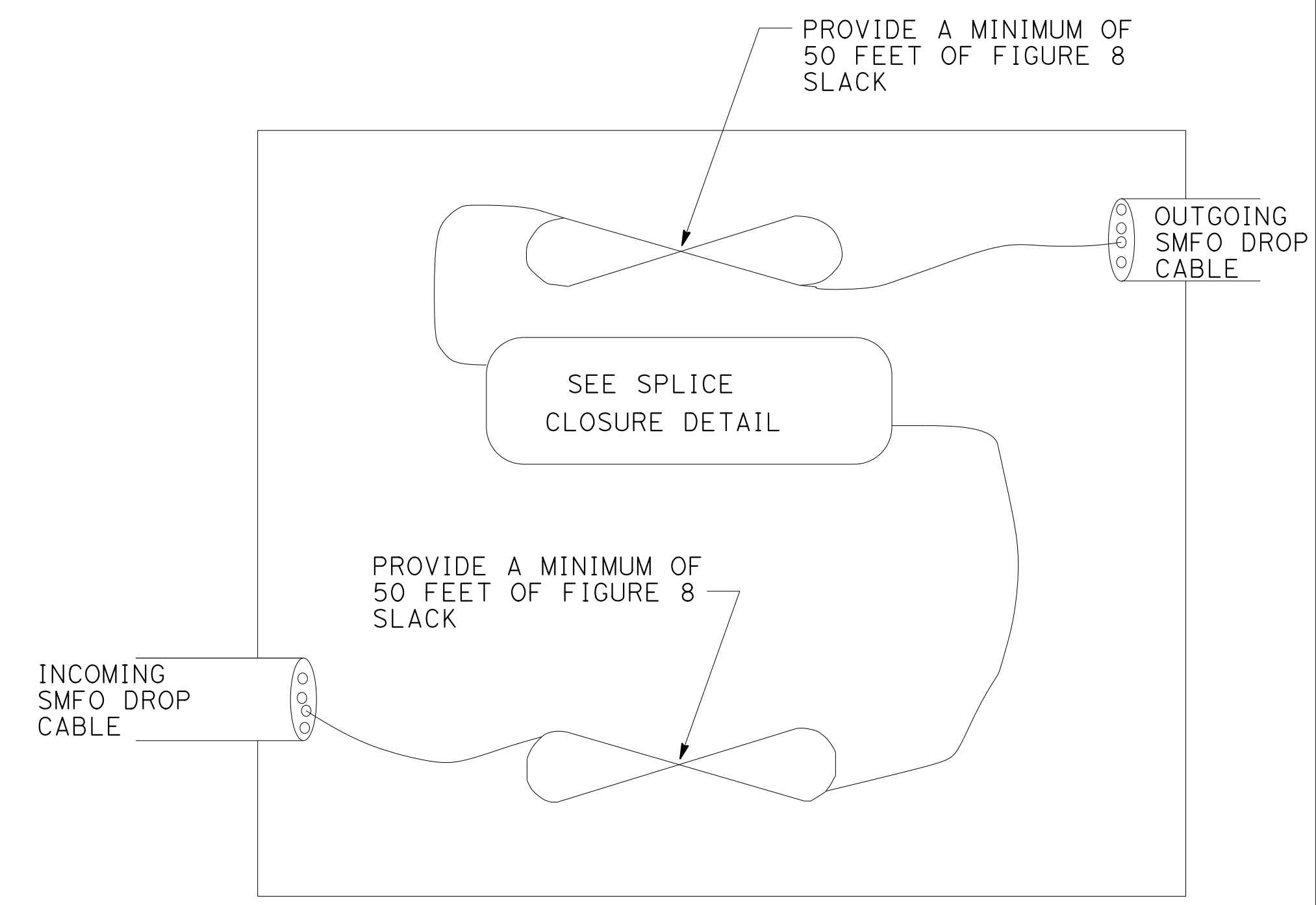
COMMUNICATION PULL BOX WITH FIBER OPTIC CABLE - NO SPLICE



SPLICE TRAY DETAIL



SPLICE CLOSURE DETAIL



SPLICE VAULT DETAIL

NOTE (THIS SHEET ONLY):

CABLE HANGERS MUST BE PROVIDED IN THE SPLICE VAULT. THE FIBER OPTIC CABLES MUST THEN BE HUNG IN A FIGURE 8 FASHION. SEE SPLICING DETAILS ON THIS SHEET.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT - FUNCTIONAL SUPERVISOR: CARLOS CAMPO
 DESIGNED BY: MARLO MAYNIGO
 CHECKED BY: JOE DE LA GARZA
 REVISIONS: (None shown)
 REVISIONS: (None shown)
 REVISIONS: (None shown)

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
AUGUST 2023

(TYPICAL FIBER OPTIC DETAILS)

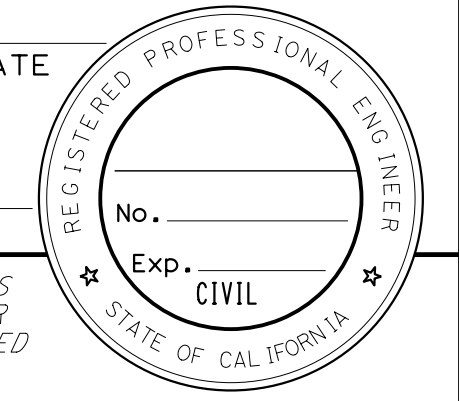
ELECTRICAL SYSTEMS DETAILS

NO SCALE

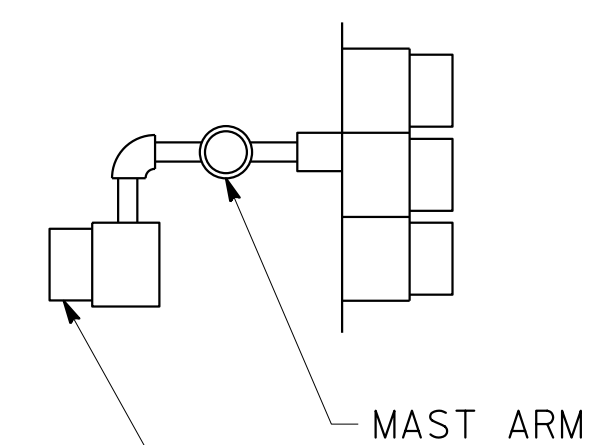
ED-6



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Ald R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
			* Exp. CIVIL *		
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



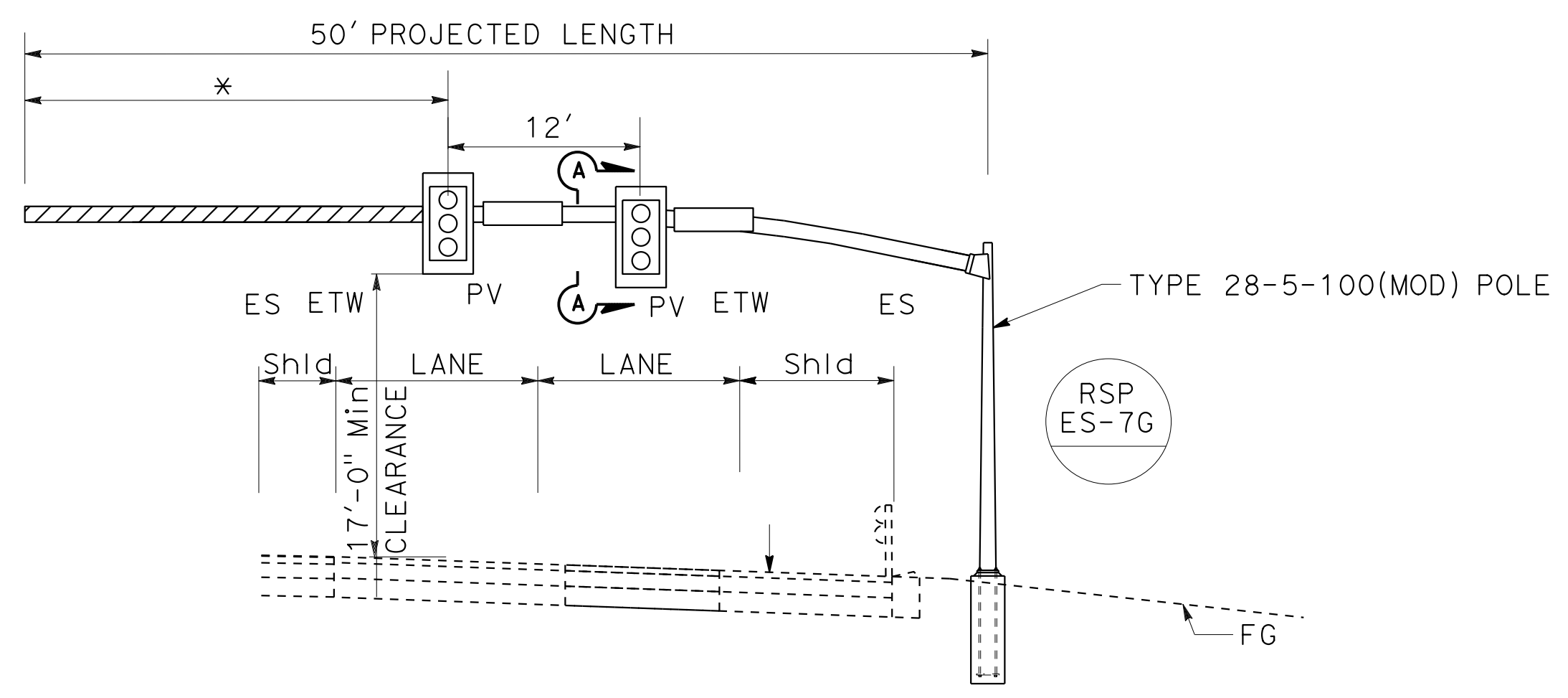
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SECTION A-A

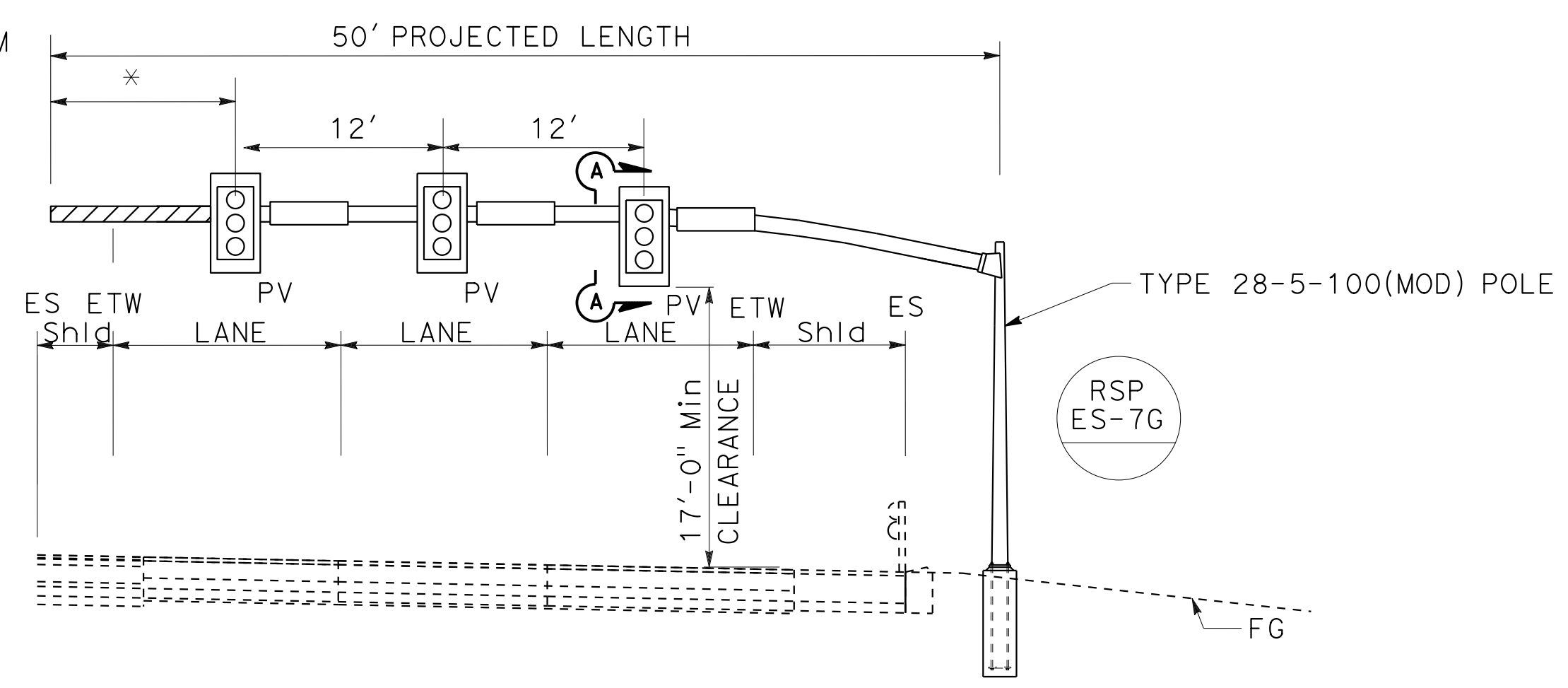
8" RED SECTION WITH MAT MOUNTING FACING OPPOSITE DIRECTION. PROVIDE PIPE TENON BEHIND SIGN FOR EACH METERED LANE

* END OF MAST ARM TO BE REMOVED AND RAIN TIGHT CAP INSTALLED AT FABRICATION SHOP

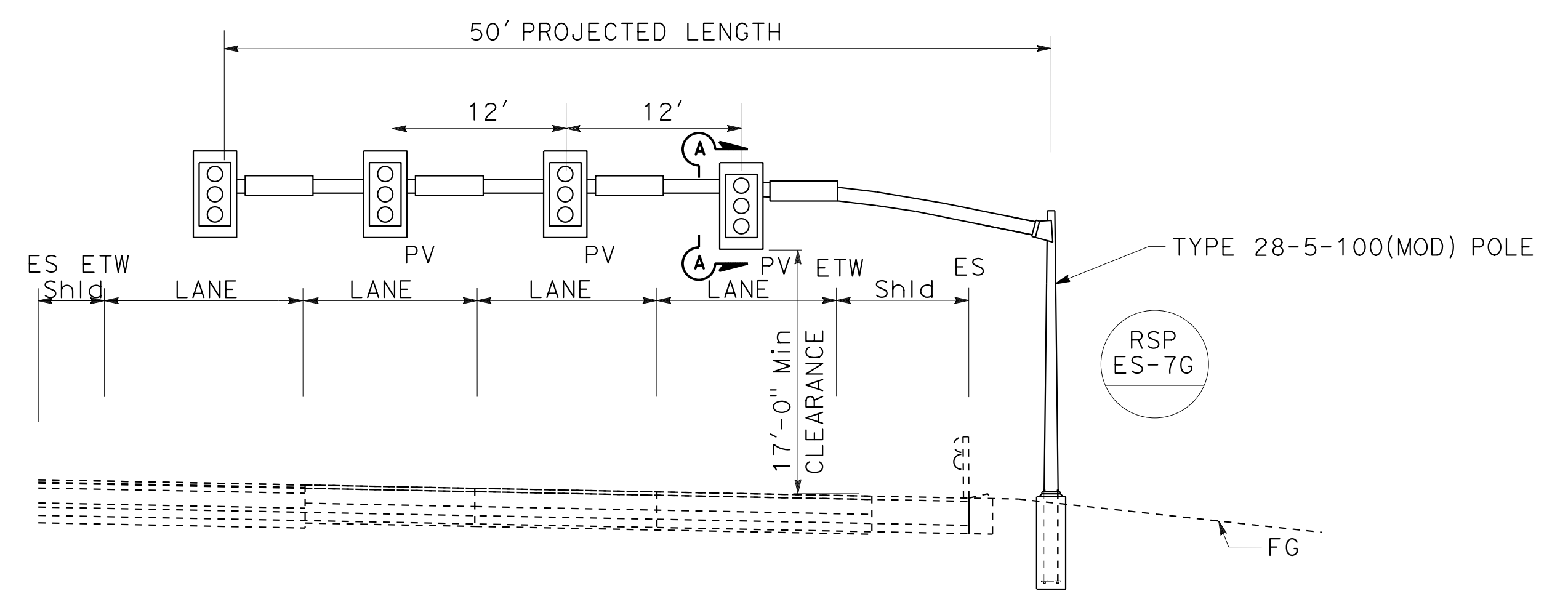


**TYPE 28-5-100(MOD)
RAMP METER SIGNAL (TWO LANES). MAST ARM MOUNTED**

* END OF MAST ARM TO BE REMOVED AND RAIN TIGHT CAP INSTALLED AT FABRICATION SHOP



**TYPE 28-5-100(MOD)
RAMP METER SIGNAL (THREE LANES). MAST ARM MOUNTED**



**TYPE 28-5-100(MOD)
RAMP METER SIGNAL (FOUR LANES). MAST ARM MOUNTED**

REVISOR	DATE	REVISION
MARLO MAYNICO		
JOE DE LA GARZA		
CALCULATED-DESIGNED BY	CHECKED BY	
CARLOS CAMPO		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
AUGUST 2023

(RMS DETAILS)

ELECTRICAL SYSTEMS DETAILS

NO SCALE

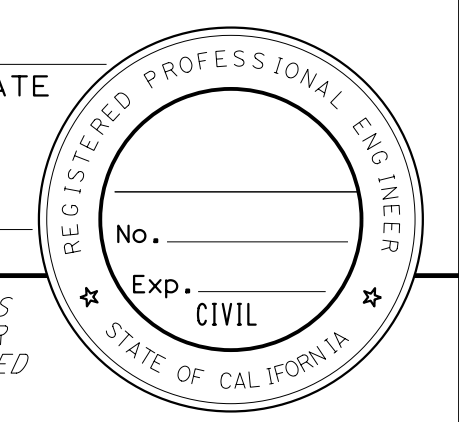
ED-7

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER DATE _____

PLANS APPROVAL DATE _____

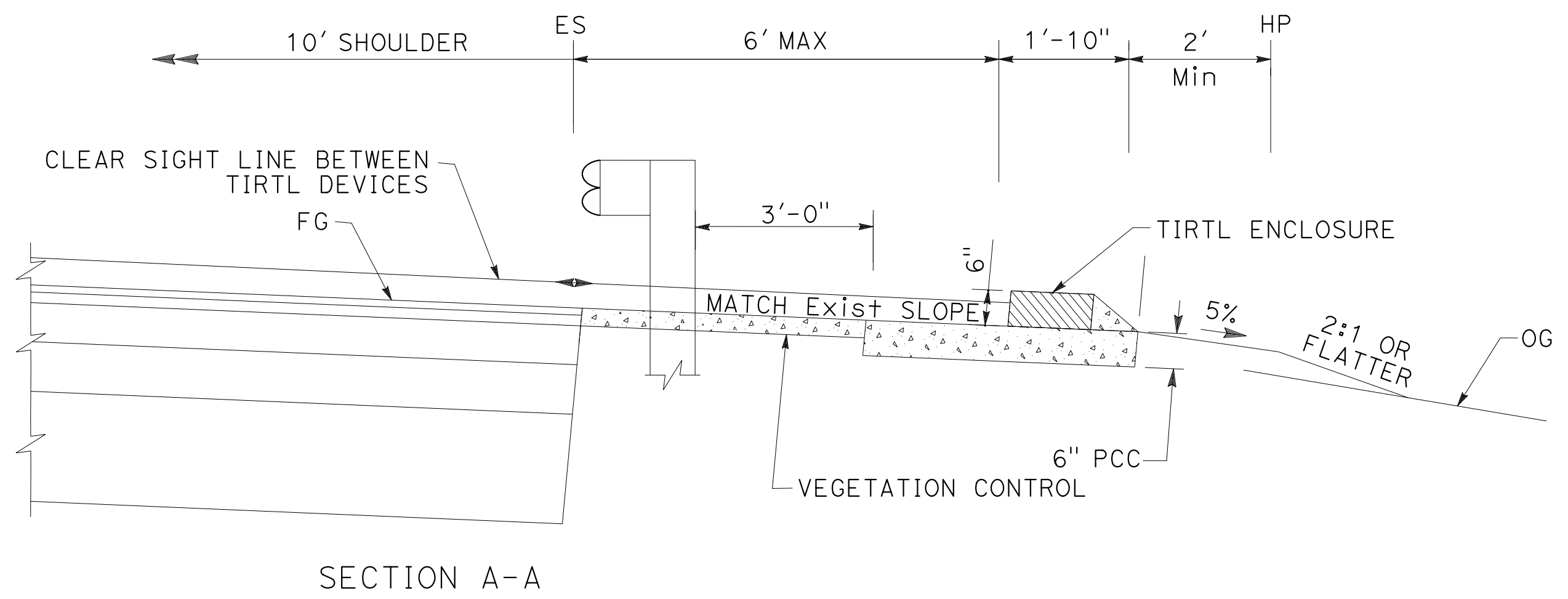
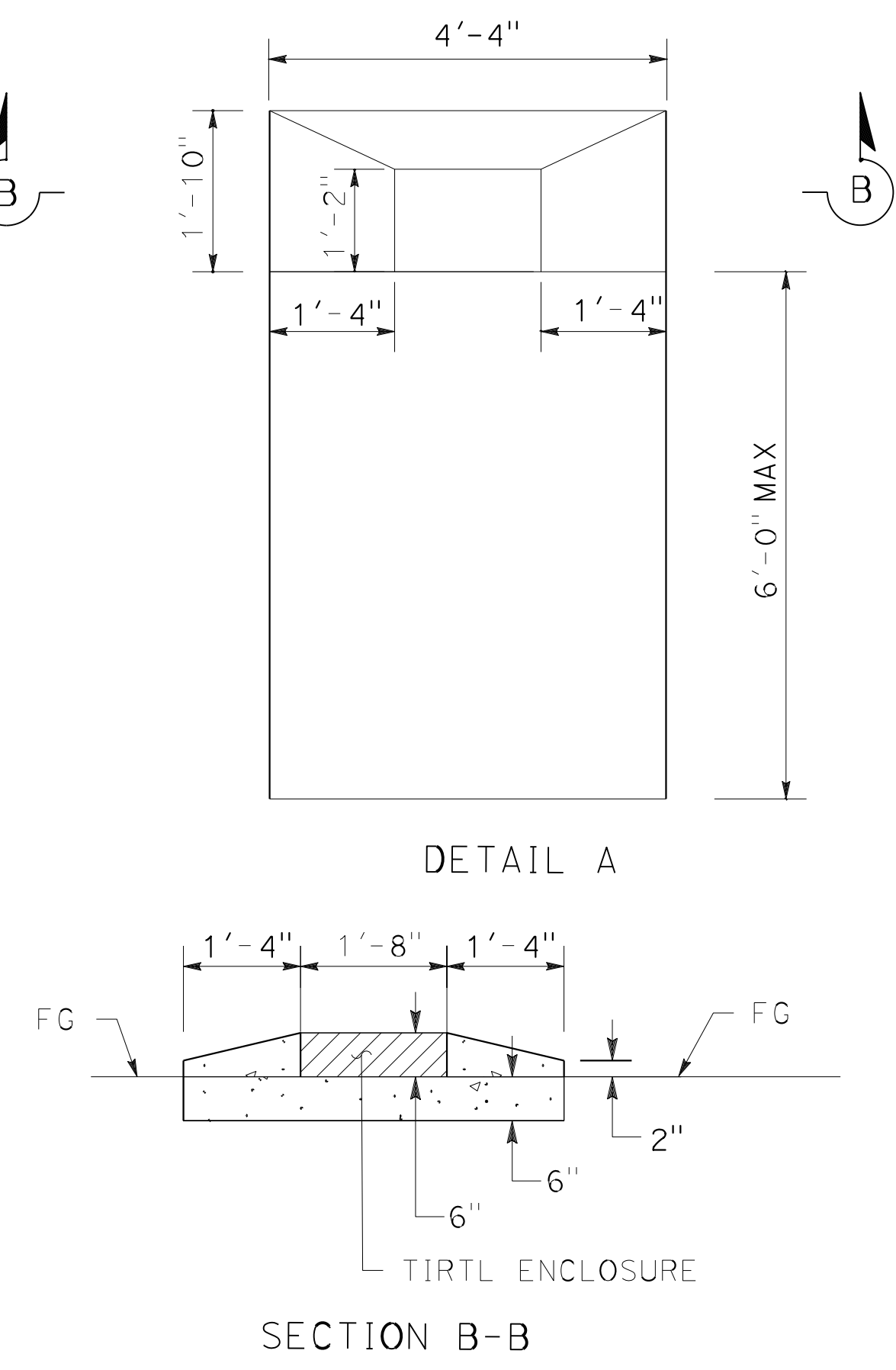
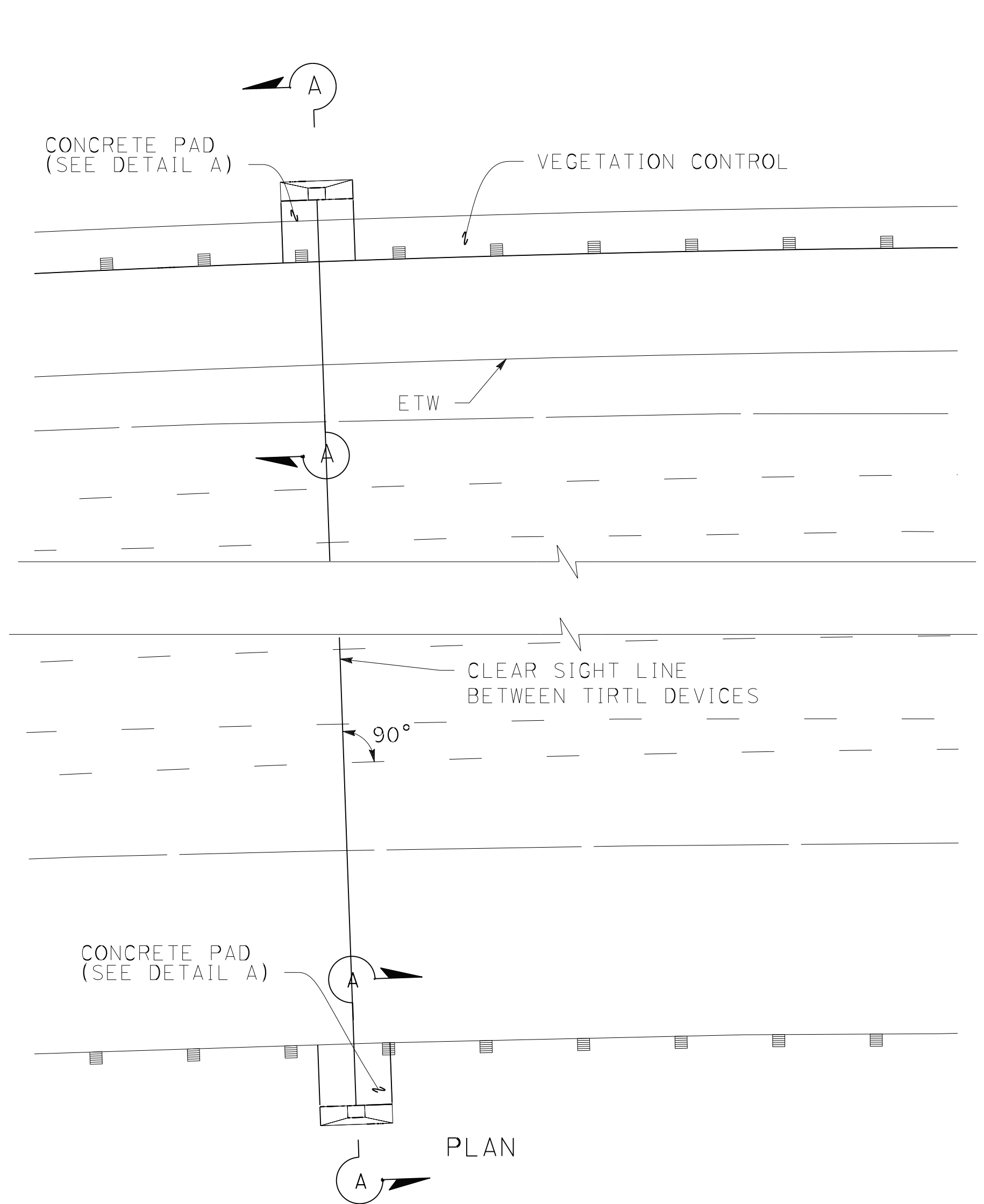
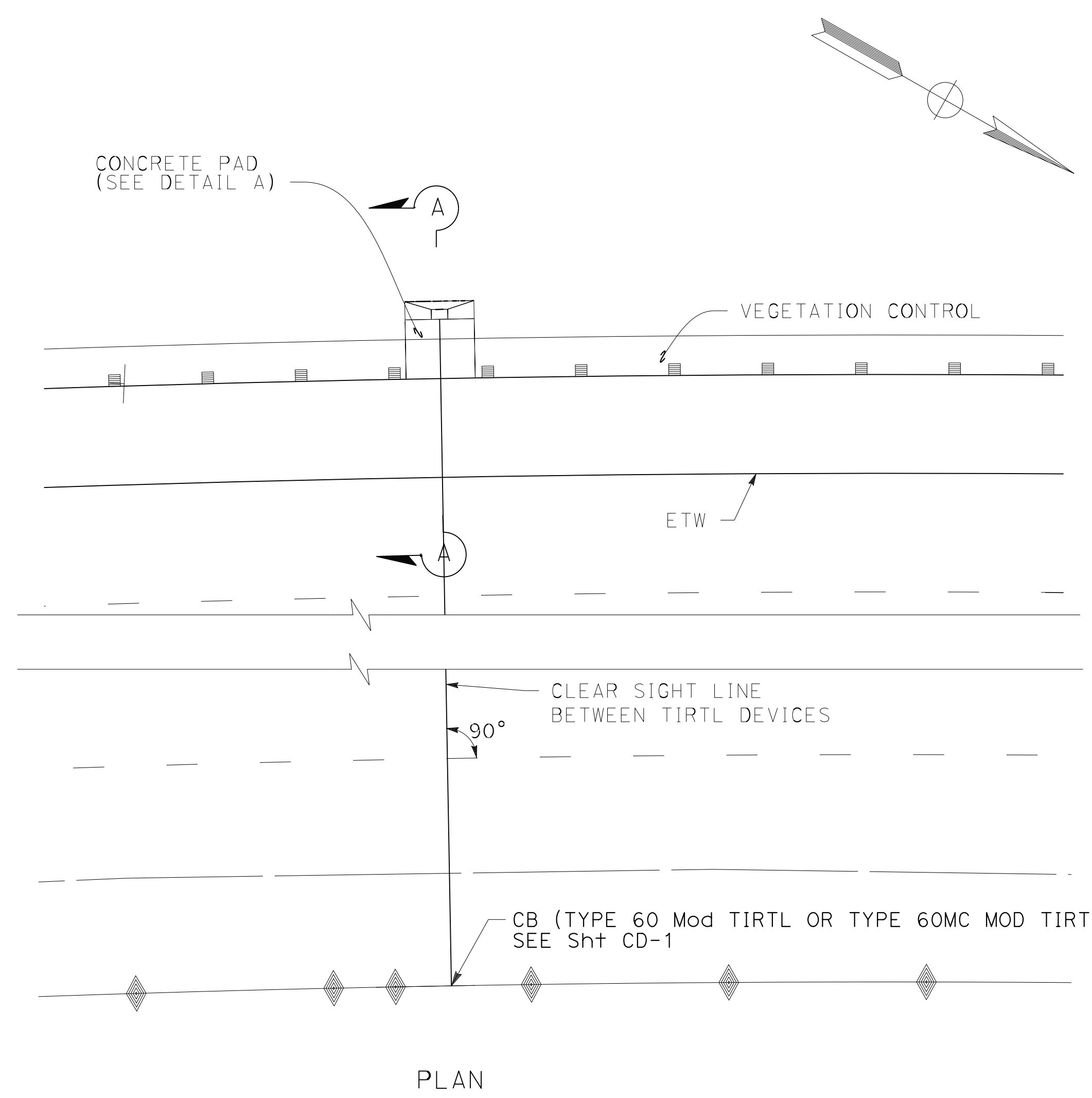
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



WSP USA
425 MARKET STREET
SUITE 17
SAN FRANCISCO, CA 94105

CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597

- NOTES:**
- SEE ELECTRICAL PLANS FOR TIRTL (INFRA-RED TRAFFIC LOGGER) SYSTEM DETAILS AND LOCATIONS.
 - SEE RSP A77N5 FOR VEGETATION CONTROL DETAILS.



3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
AUGUST 2023

CONCRETE PAD (TIRTL) DETAIL

ELECTRICAL SYSTEMS DETAILS

NO SCALE

ED-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

REVISIONS

REVISION NO. DATE DESCRIPTION

REVISOR

DATE

MARLO MAYNICO

JOE DE LA GARZA

CALCULATED/DESIGNED BY

CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

CARLOS CAMPO

PROJECT NUMBER & PHASE

04000XXXXXX

USERNAME => wspw14-pw-svc
DGN FILE => 00960_ED-8.dgn

RELATIVE BORDER SCALE
15" IN INCHES



UNIT XXXX

PROJECT NUMBER & PHASE

04000XXXXXX

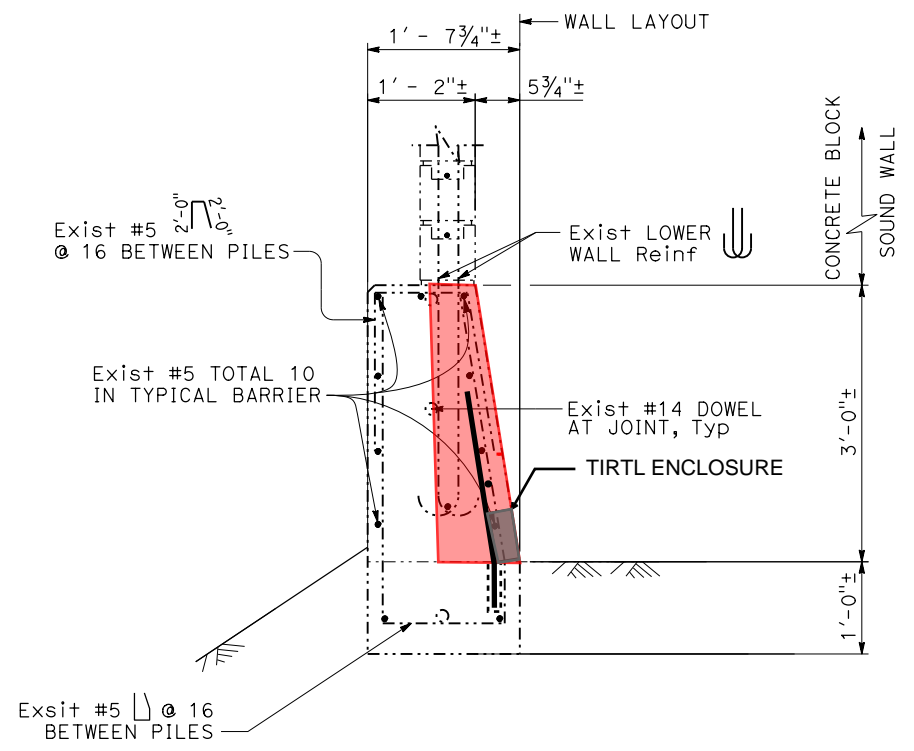
LAST REVISION DATE PLOTTED => 25-JAN-2024
00-00-00 TIME PLOTTED => 00:41

**ATTACHMENT F:
TIRTL BARRIER DESIGNS**

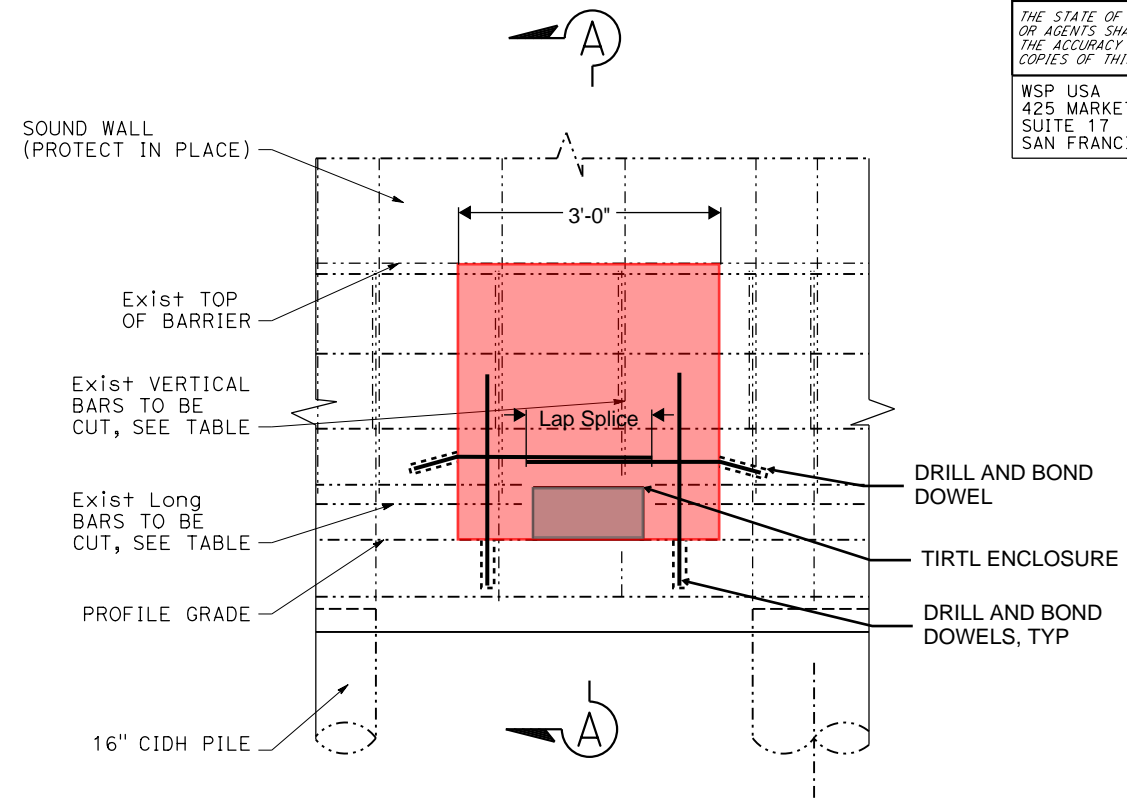
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



SECTION A-A



ELEVATION

- LOCATION 1 PM 4.9
- LOCATION 2 PM 5.5
- LOCATION 3 PM 5.77
- LOCATION 5 PM 6.31

NOTE:

TIRTL ENCLOSURE SHALL BE LOCATED MIDWAY BETWEEN PILES AND SHALL NOT BE LOCATED WITHIN 12' OF BARRIER JOINTS

LEGEND

- EXIST BARRIER REMOVAL AND REPLACEMENT
- TIRTL

REINFORCEMENT TO BE CUT:

	BARRIER REINF	GRADE BEAM REINF
VERTICAL BARS	0	1 - #5
LONG. BARS	1 - #5	0

**TIRTL INSTALLATION
EXISTING BARRIER TYPE 736SV**

NO SCALE

CASE 1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR	DATE
Caltrans	CARLOS CAMPO	SANDI KOMAR	
		MELAD HANNA	
		CHECKED BY	
		DESIGNED BY	

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2022



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63

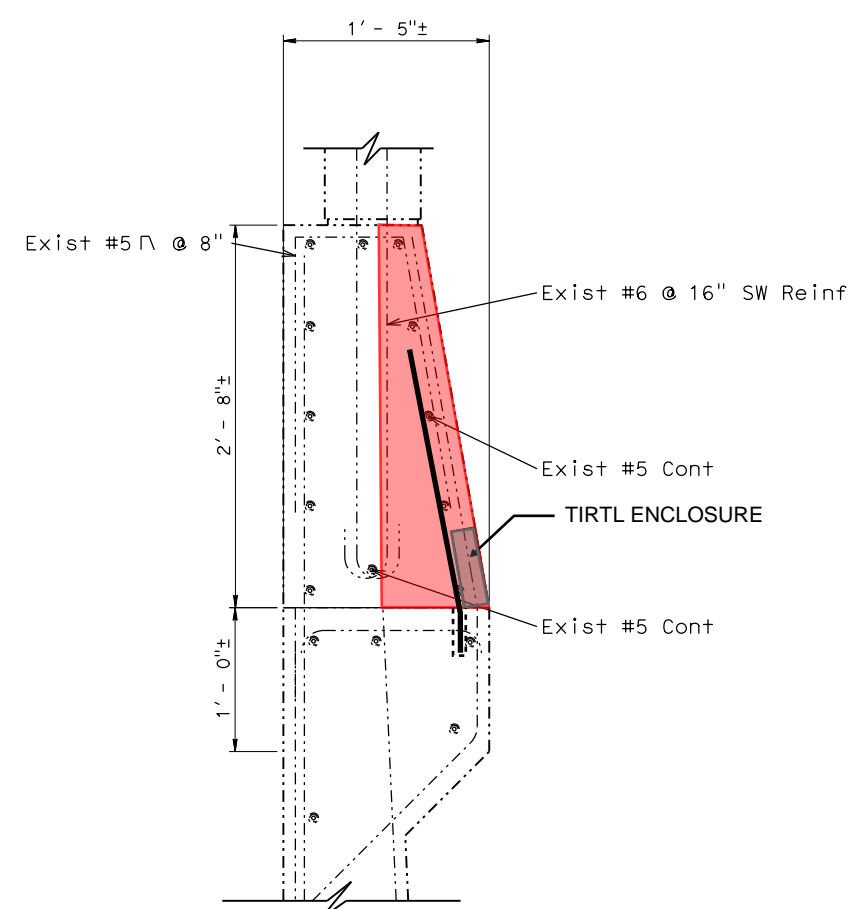
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

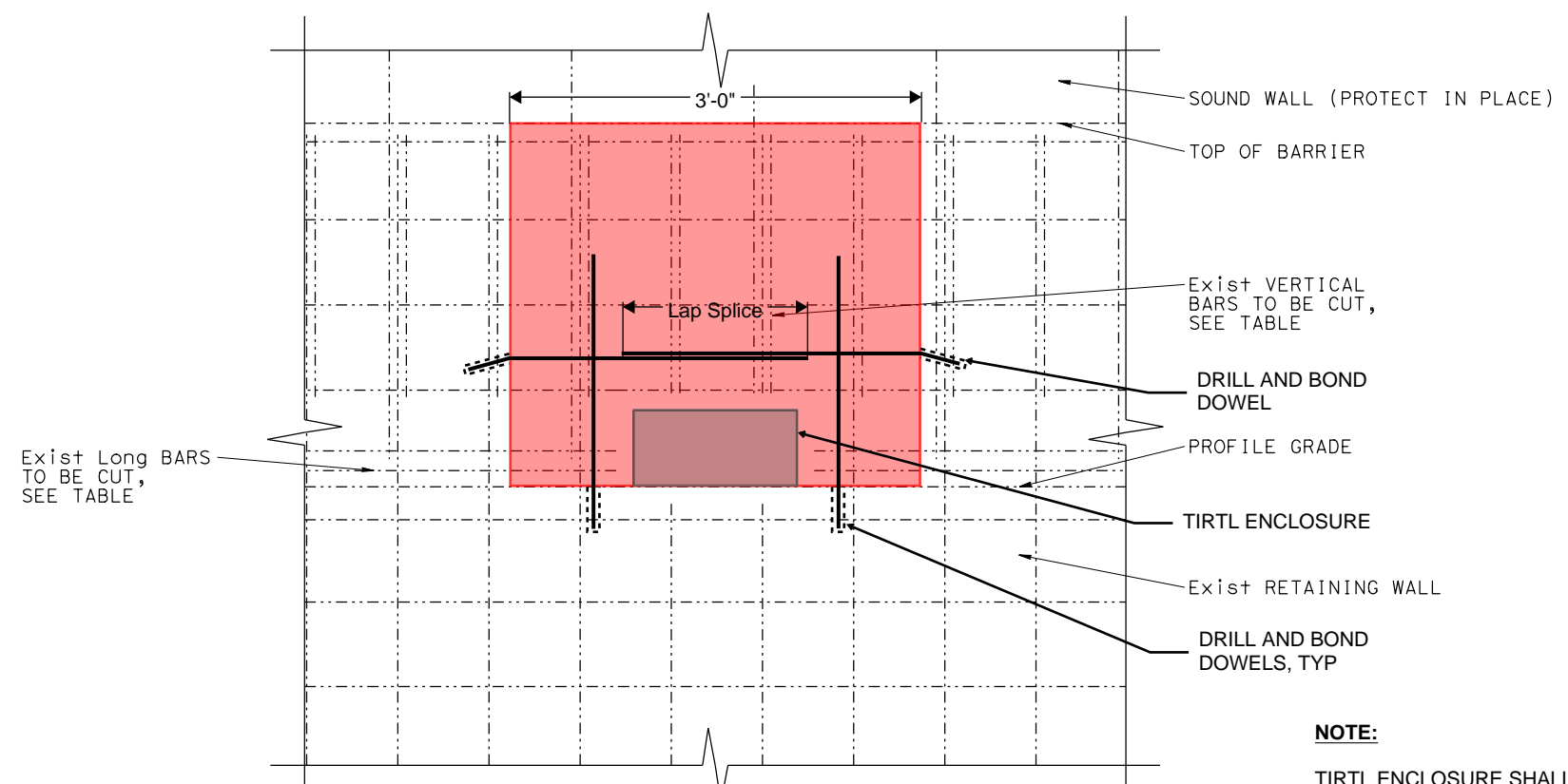
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WSP USA
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SUITE 17
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CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



SECTION A-A



ELEVATION

LOCATION 6 PM 7.1

NOTE:
TIRTL ENCLOSURE SHALL NOT BE LOCATED WITHIN 12' OF BARRIER JOINTS

LEGEND

EXIST BARRIER REMOVAL AND REPLACEMENT

TIRTL

REINFORCEMENT TO BE CUT:

	BARRIER REINF	RW REINF
VERTICAL BARS	0	2 - #5
LONG. BARS	1 - #5	0

**TIRTL INSTALLATION
EXISTING BARRIER TYPE 732 A (MOD)**

SCALE: 1 1/2" = 1' - 0"

CASE 2

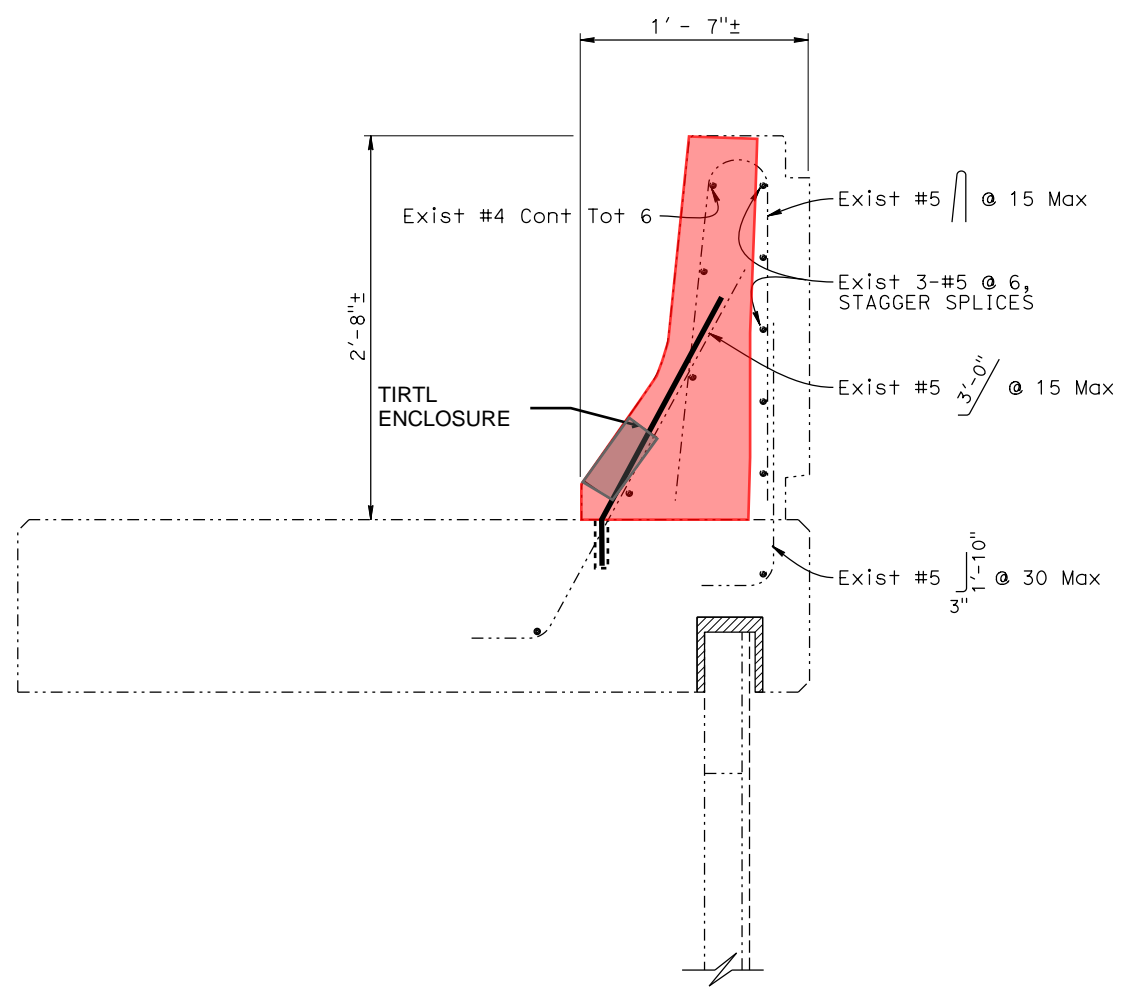
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et-Caltans
 CONSULTANT FUNCTIONAL SUPERVISOR CARLOS CAMPO
 CALCULATED-DESIGNED BY CHECKED BY
 SANDI KOMAR MELAD HANNA
 REVISED BY DATE REVISED
 00-00-00 DATE PLOTTED => 04-JAN-2024
 01:27

4th PA&ED SUBMITTAL
NOT FOR CONSTRUCTION
SEPTEMBER 2023

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

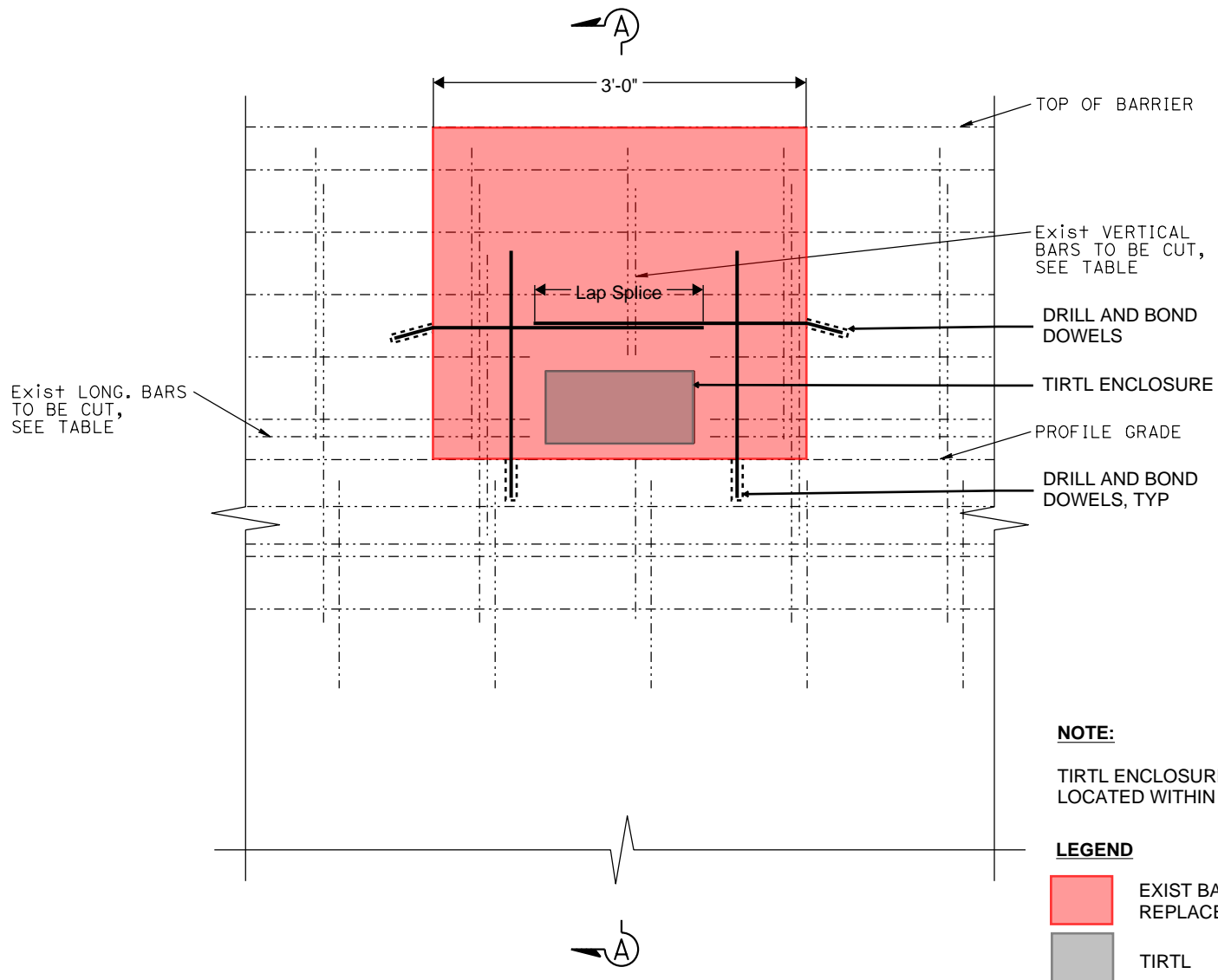
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



SECTION A-A

LOCATION 9 PM 13.28



ELEVATION

NOTE:
TIRTL ENCLOSURE SHALL NOT BE LOCATED WITHIN 12' OF BARRIER JOINTS

LEGEND
 EXIST BARRIER REMOVAL AND REPLACEMENT
 TIRTL

REINFORCEMENT TO BE CUT:

	BARRIER REINF	SLAB REINF
VERTICAL BARS	0	1 - #5
LONG. BARS	1 - #4	0

**TIRTL INSTALLATION
EXISTING RW N2 BARRIER TYPE 27 (MOD)**

SCALE: 1 1/2" = 1' - 0"

CASE 3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR: CARLOS CAMPO
 CALCULATED/DESIGNED BY: SANDI KOMAR
 CHECKED BY: MELAD HANNA
 REVISED BY: DATE REVISIONS

4th PA&ED SUBMITTAL
 NOT FOR CONSTRUCTION
 SEPTEMBER 2023

USERNAME => wssp14-pw-svc
 DGN FILE => Case3.dgn

RELATIVE BORDER SCALE IS IN INCHES
 0 1 2 3

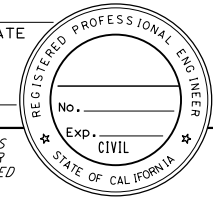
UNIT XXXX

PROJECT NUMBER & PHASE

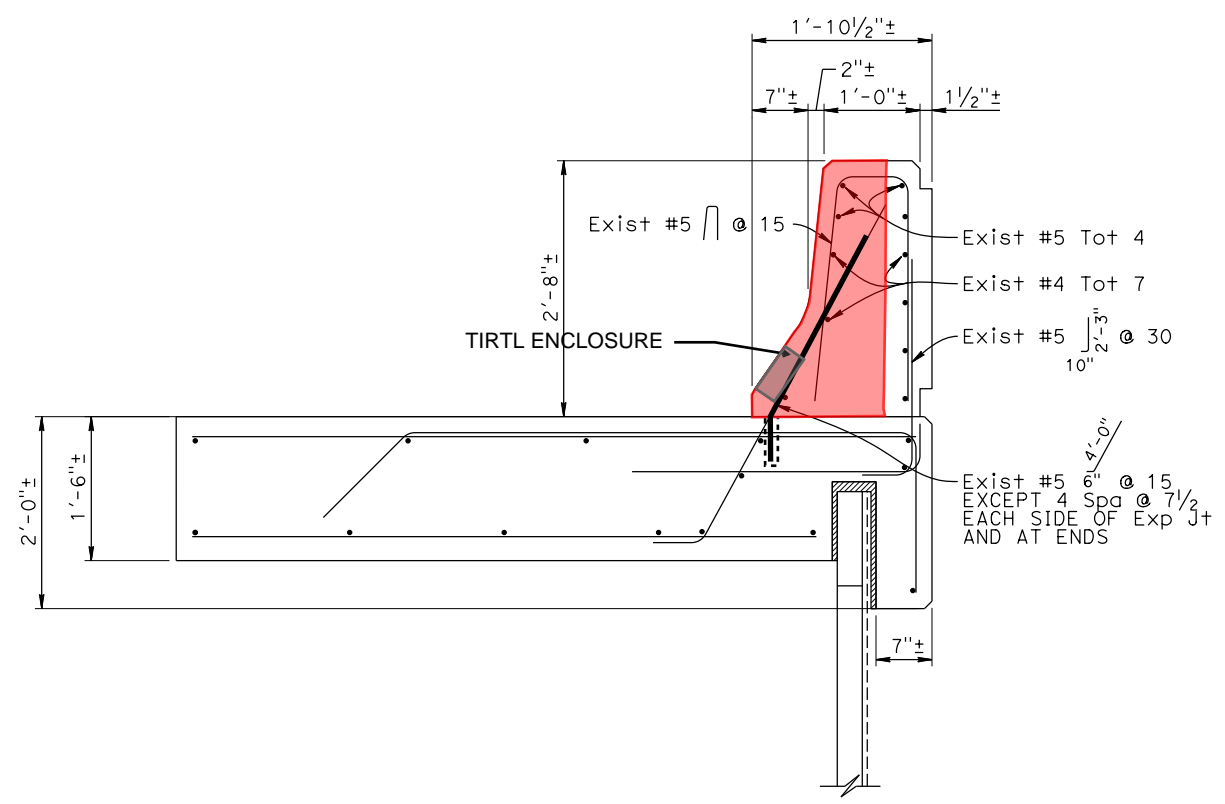
04000XXXXXX

LAST REVISION: DATE PLOTTED => 04-JAN-2024
 00-00-00 TIME PLOTTED => 20:11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
No.			Exp.		
CIVIL			STATE OF CALIFORNIA		
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		

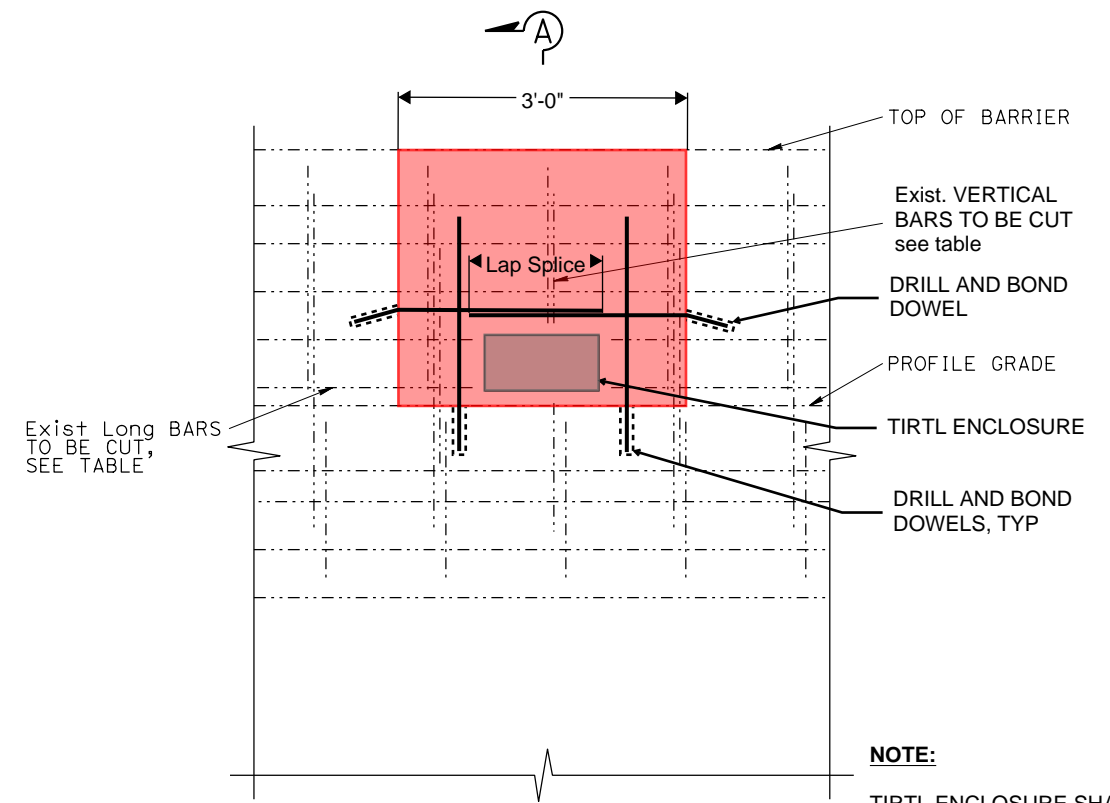


DESIGNED BY	REVISOR	DATE
CALCULATED-DIGITALLY CHECKED BY	REVISOR	DATE
CONSULTANT FUNCTIONAL SUPERVISOR	SANDI KOMAR	MELAD HANNA
DEPARTMENT OF TRANSPORTATION	CARLOS CAMPO	



SECTION A-A

LOCATION 11 PM 14.28
LOCATION 12 PM 15.07



ELEVATION

NOTE:
TIRTL ENCLOSURE SHALL NOT BE LOCATED WITHIN 12' OF BARRIER JOINTS

LEGEND

	EXIST BARRIER REMOVAL AND REPLACEMENT
	TIRTL

REINFORCEMENT TO BE CUT:

	BARRIER REINF	SLAB REINF
VERTICAL BARS	0	1 - #5
LONG. BARS	1 - #4	0

**TIRTL INSTALLATION
EXISTING BARRIER TYPE 28 (MOD)**

SCALE: 1" = 1' - 0" **CASE 4**

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SEPTEMBER 2023

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A1c R20.4/ CC 15.6		63

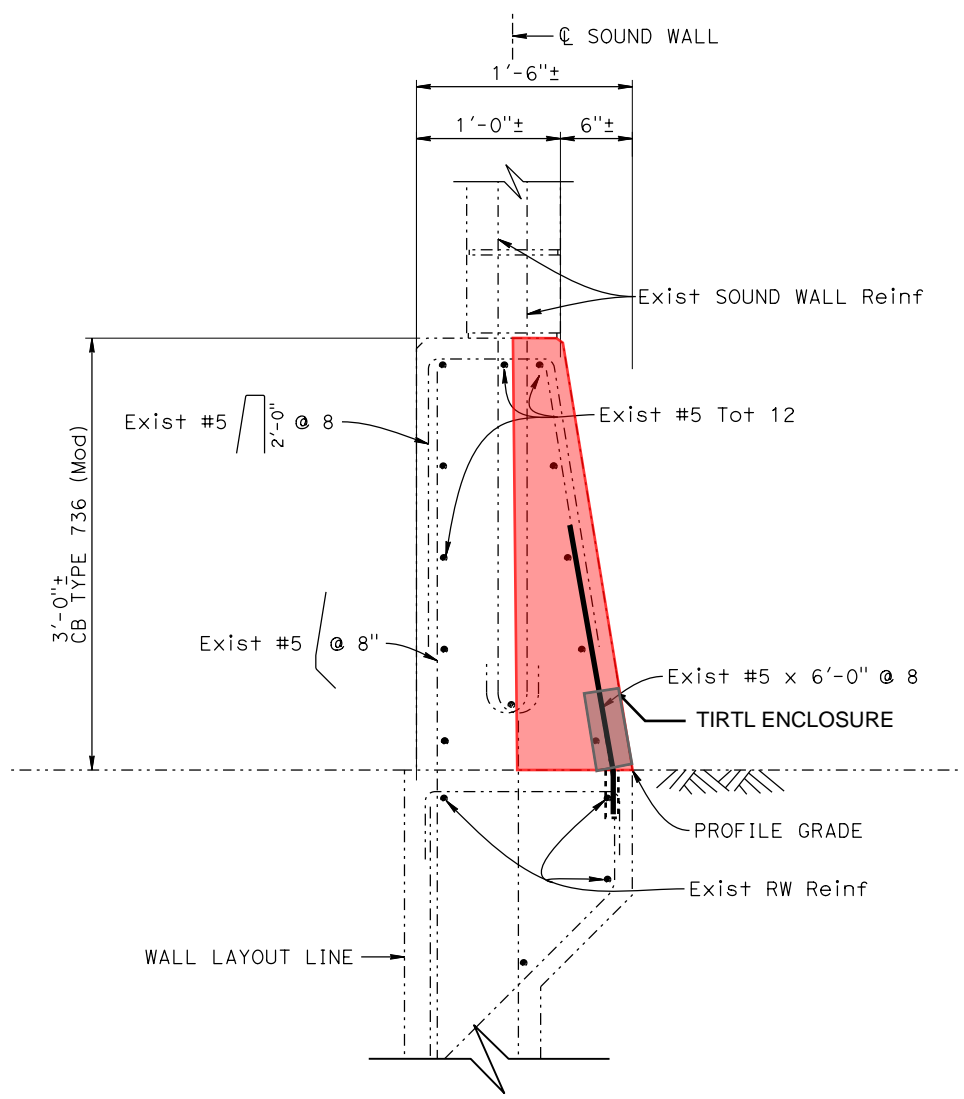
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

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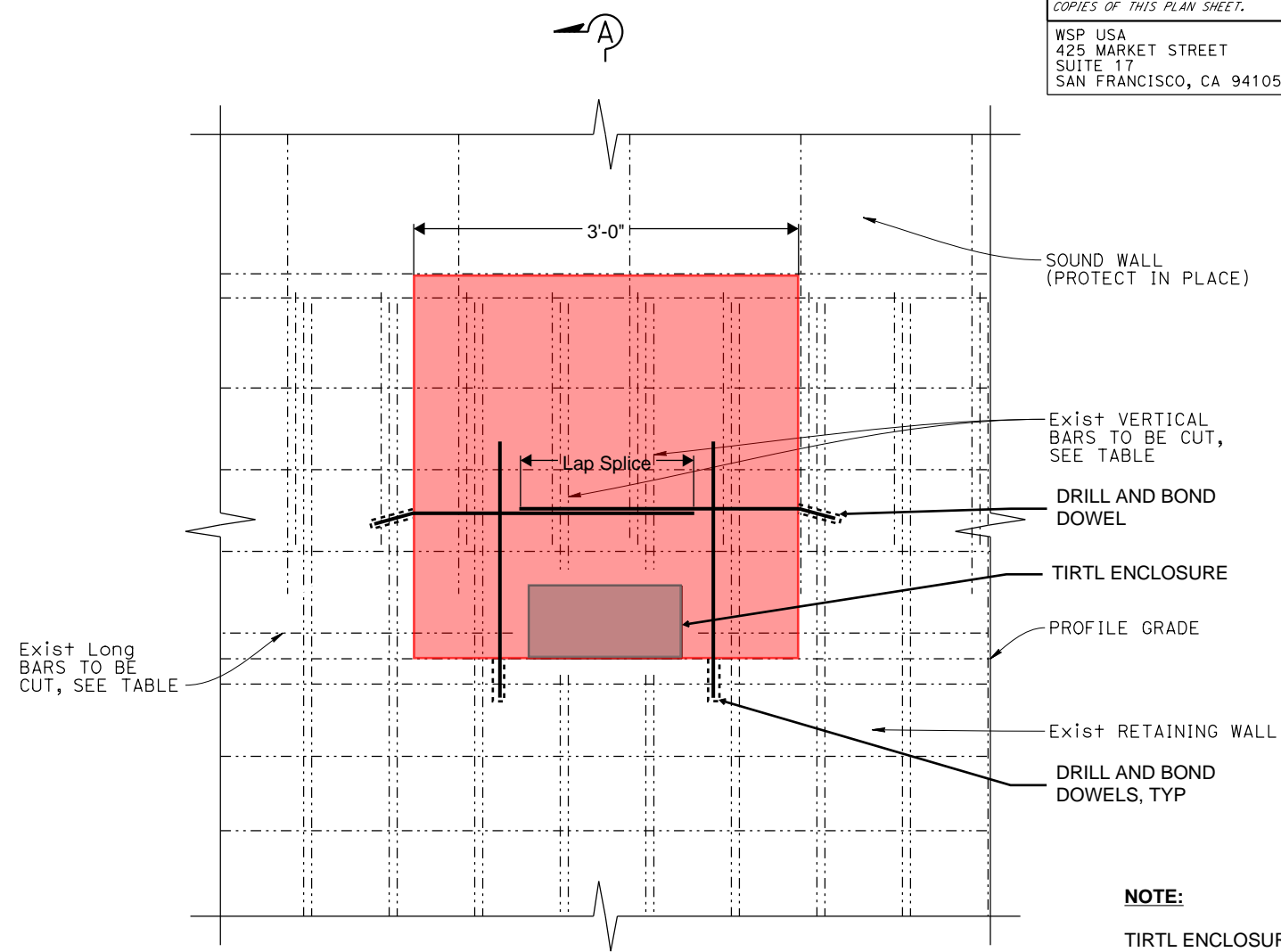
WSP USA
425 MARKET STREET
SUITE 17
SAN FRANCISCO, CA 94105

CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



SECTION A-A

LOCATION 4 PM 6.06



ELEVATION

NOTE:
TIRTL ENCLOSURE SHALL NOT BE LOCATED WITHIN 12' OF BARRIER JOINTS

LEGEND

EXIST BARRIER REMOVAL AND REPLACEMENT

TIRTL

REINFORCEMENT TO BE CUT:

	BARRIER REINF	RW REINF
VERTICAL BARS	0	2 - #5
LONG. BARS	1 - #5	0

**TIRTL INSTALLATION
EXISTING BARRIER TYPE 28 (MOD)**

SCALE: 1 1/2" = 1' - 0"

CASE 5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

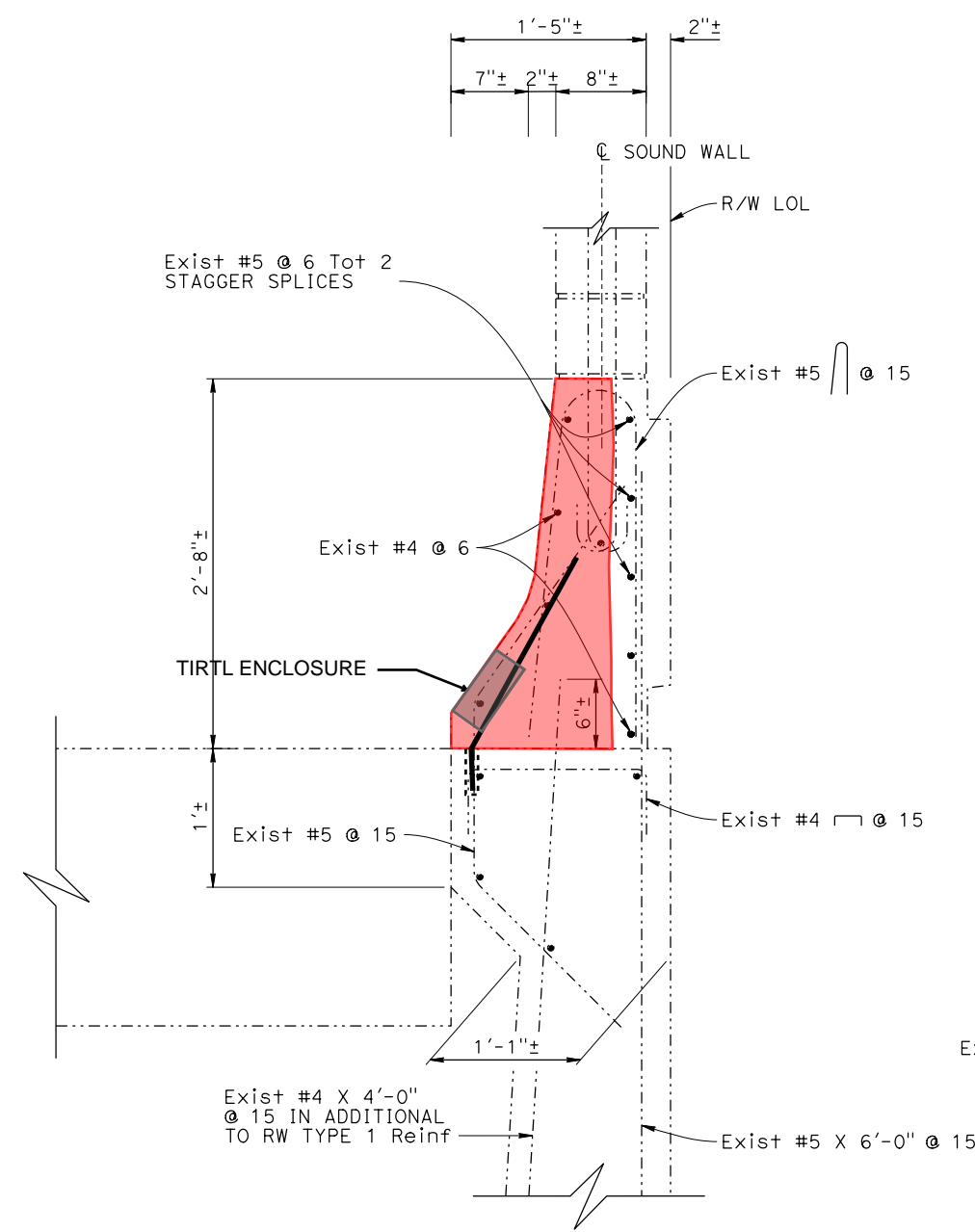
4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

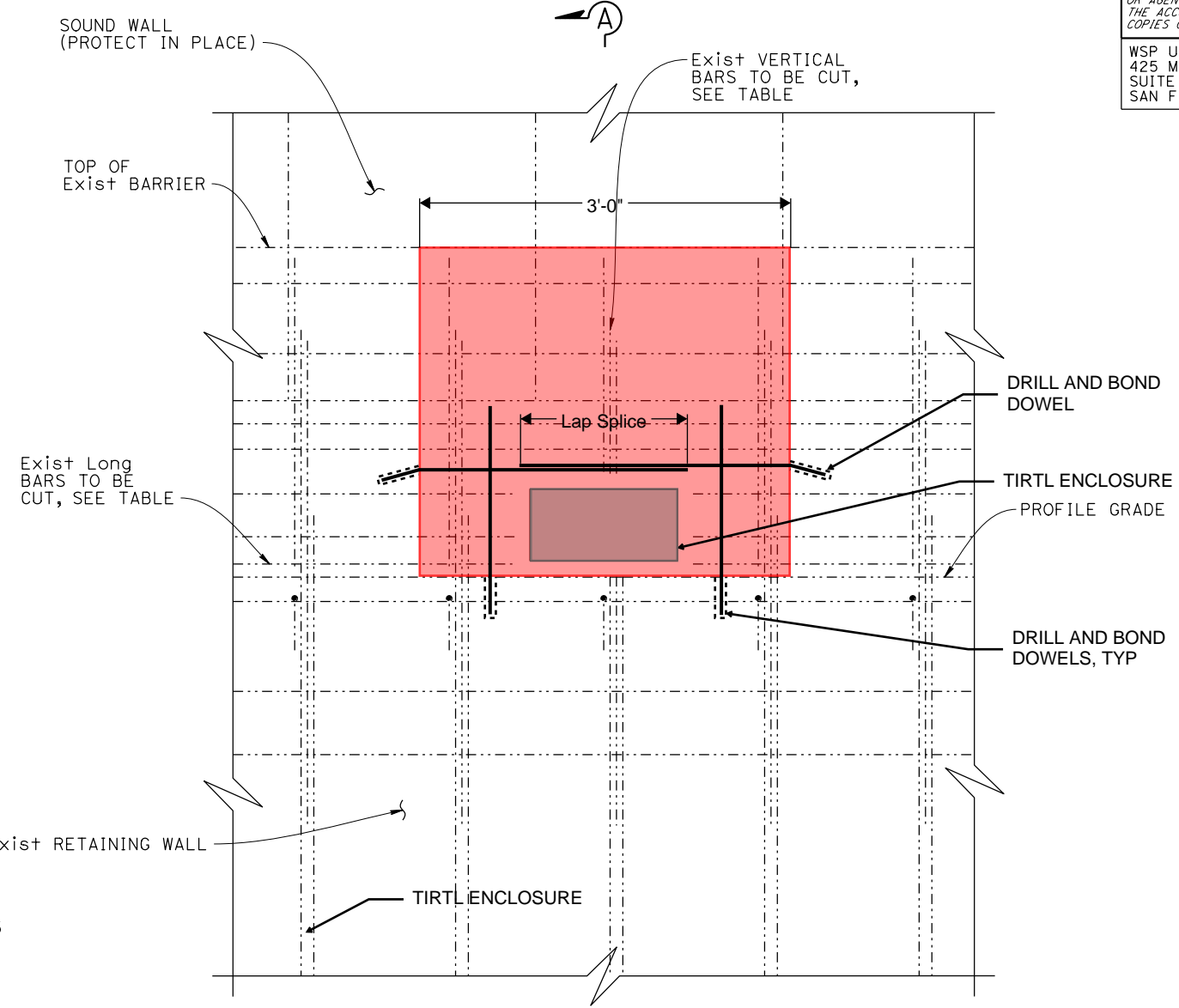
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



SECTION A-A



ELEVATION

LOCATION 8 PM 12.94
LOCATION 10 PM 13.56

NOTE:
TIRTL ENCLOSURE SHALL NOT BE LOCATED WITHIN 12' OF BARRIER JOINTS

LEGEND
 EXIST BARRIER REMOVAL AND REPLACEMENT
 TIRTL

REINFORCEMENT TO BE CUT:

	BARRIER REINF	RW REINF
VERTICAL BARS	0	1 - #5
LONG. BARS	1 - #4	0

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 SANDI KOMAR
 MELAD HANNA
 CARLOS CAMPO
 WSP USA

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

**TIRTL INSTALLATION
EXISTING BARRIER TYPE 27**

SCALE: 1 1/2" = 1' - 0"

CASE 6



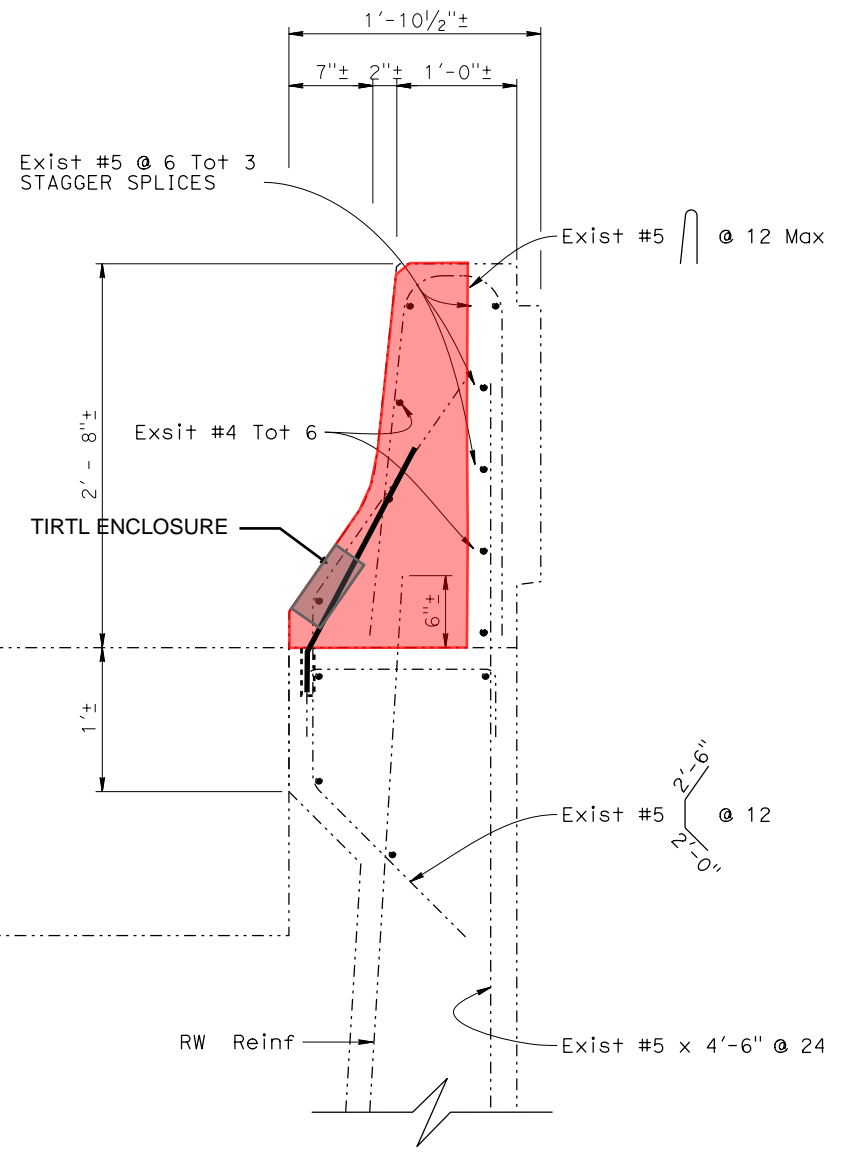
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

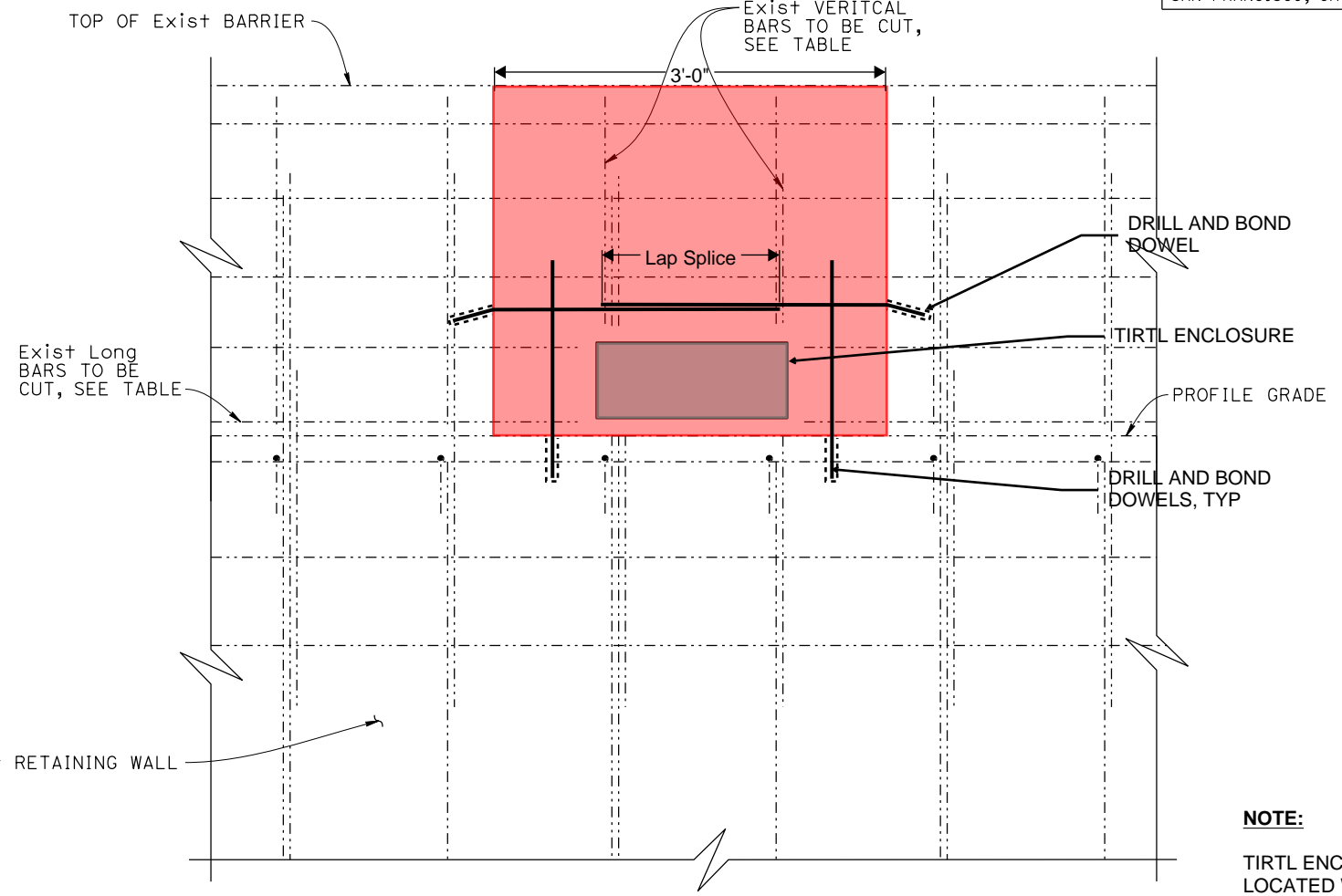
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



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SECTION A-A



ELEVATION

LOCATION 8 PM 12.94
LOCATION 10 PM 13.56

NOTE:
TIRTL ENCLOSURE SHALL NOT BE LOCATED WITHIN 12' OF BARRIER JOINTS

LEGEND

- EXIST BARRIER REMOVAL AND REPLACEMENT
- TIRTL

REINFORCEMENT TO BE CUT:

	BARRIER REINF	RW REINF
VERTICAL BARS	0	2 - #5
LONG. BARS	1 - #4	0

**TIRTL INSTALATION
EXISTING BARRIER TYPE 28A (MOD)**

SCALE: 1 1/2" = 1'-0"

CASE 7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

BORDER LAST REVISED 7/2/2010

USERNAME => wppw14-pw-svc
DGN FILE => Case7.dgn

RELATIVE BORDER SCALE
1/5" IN INCHES



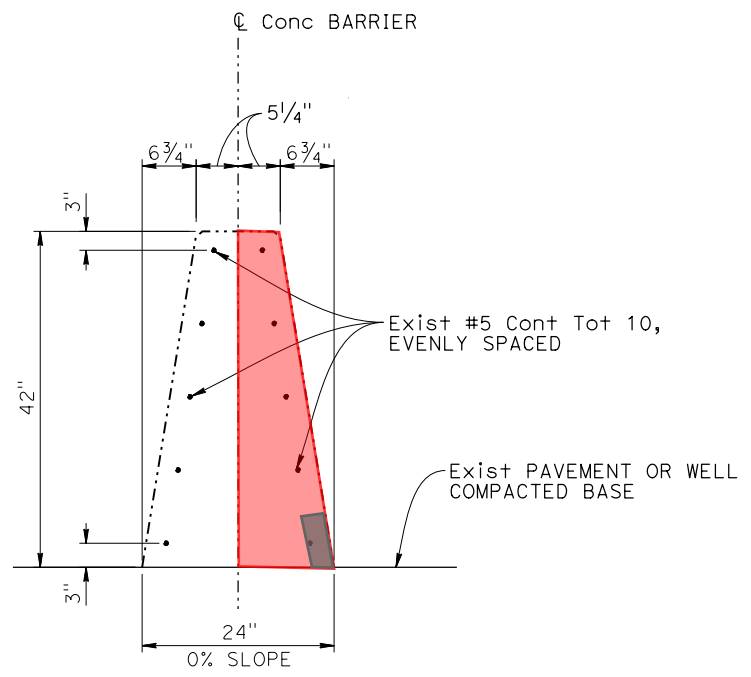
UNIT XXXX

PROJECT NUMBER & PHASE

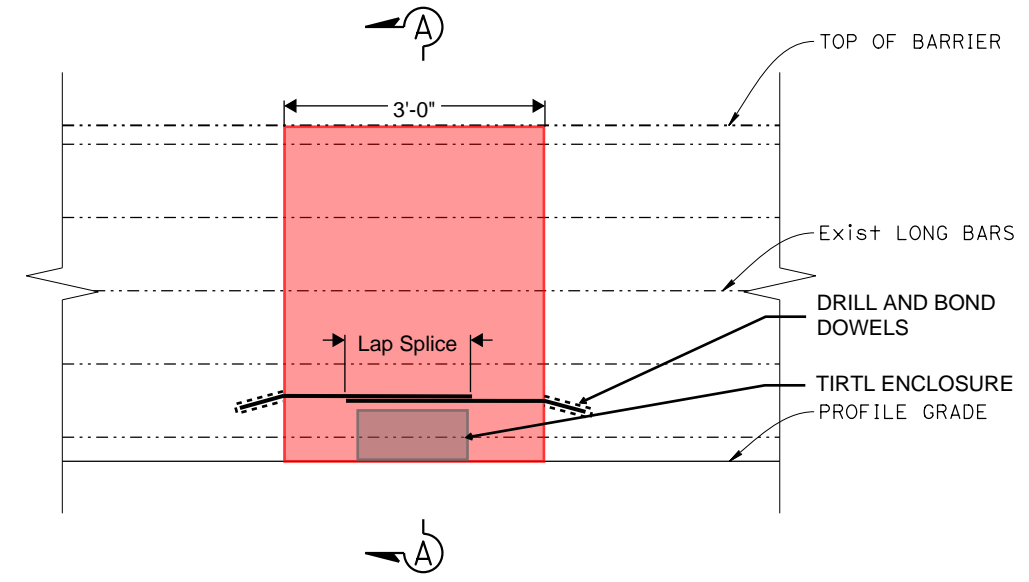
04000XXXXXX

LAST REVISION DATE PLOTTED => 4-JAN-2024
00-00-00 TIME PLOTTED => 01:27

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
No.			Exp.		
No.			CIVIL		
No.			STATE OF CALIFORNIA		
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		



SECTION A-A



ELEVATION

NOTE:
 ONLY APPLICABLE TO BARRIER LOCATIONS WITH BARRIER TYPE 60M
 TIRTL ENCLOSURE SHALL NOT BE LOCATED WITHIN 12' OF BARRIER JOINTS

LEGEND
 [Red Box] EXIST BARRIER REMOVAL AND REPLACEMENT
 [Grey Box] TIRTL

REINFORCEMENT TO BE CUT:

	BARRIER REINF
LONG. BARS	1 - #5

**TIRTL INSTALLATION
 CONCRETE BARRIER TYPE 60M**
 SCALE: 1 1/2" = 1'-0" **CASE 8**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans	SANDI KOMAR	
	MELAD HANNA	
CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	
CARLOS CAMPO		
CALCULATED/DESIGNED BY	REVISOR	DATE

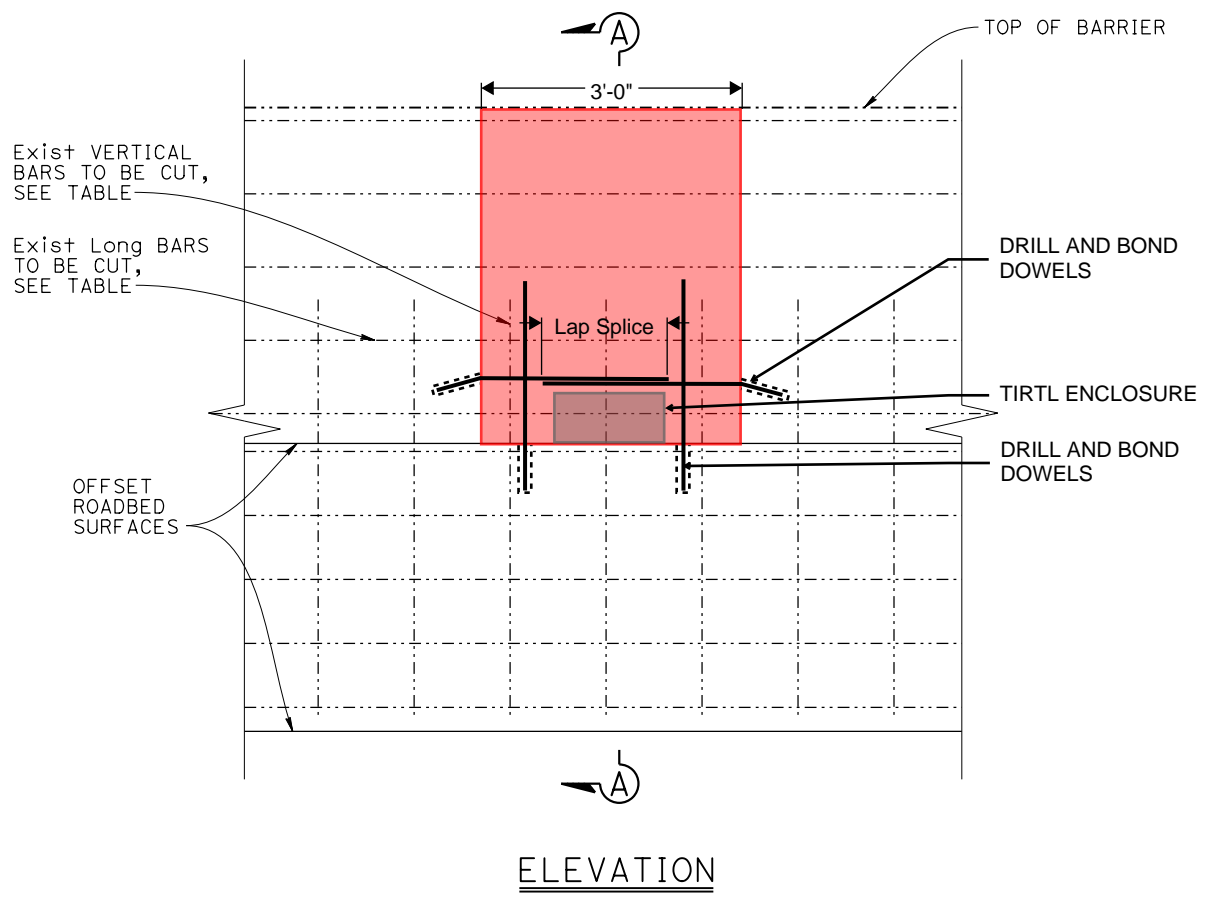
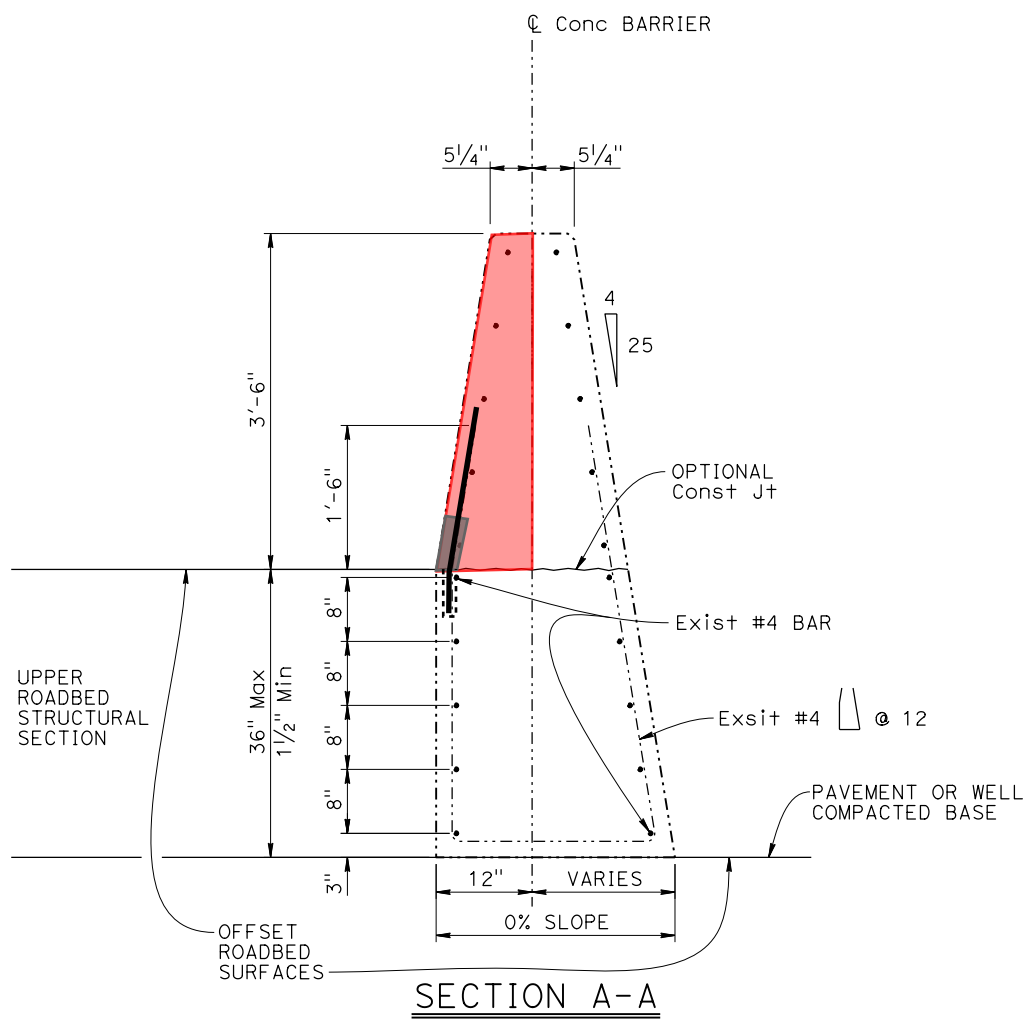
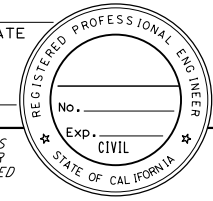
4th PA&ED SUBMITTAL
 NOT FOR CONSTRUCTION
 SEPTEMBER 2023

LAST REVISION DATE PLOTTED => 4-JAN-2024
 00-00-00 TIME PLOTTED => 01:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



NOTE:
 ONLY APPLICABLE TO BARRIER LOCATIONS WITH BARRIER TYPE 60MC
 TIRTL ENCLOSURE SHALL NOT BE LOCATED WITHIN 12' OF BARRIER JOINTS

LEGEND

	EXIST BARRIER REMOVAL AND REPLACEMENT
	TIRTL

REINFORCEMENT TO BE CUT:

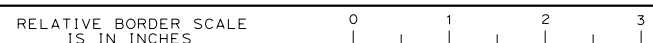
	BARRIER REINF
VERTICAL BARS	1 - #4
LONG. BARS	1 - #4

TIRTL INSTALLATION EXISTING BARRIER TYPE 60MC

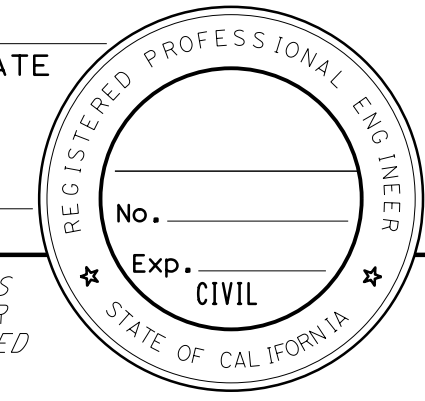
SCALE: 1" = 1' - 0" **CASE 9**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 EtTrans
 CONSULTANT FUNCTIONAL SUPERVISOR CARLOS CAMPO
 CALCULATED/DESIGNED BY CHECKED BY
 SANDI KOMAR MELAD HANNA
 REVISED BY DATE REVISED
 USERNAME => wppw14-pw-svc
 DGN FILE => Case9.dgn
 BORDER LAST REVISED 7/2/2010
 RELATIVE BORDER SCALE 15 IN INCHES
 UNIT XXXX
 PROJECT NUMBER & PHASE 04000XXXXXX
 LAST REVISION DATE PLOTTED => 04-JAN-2024
 00-00-00 TIME PLOTTED => 01:27

4th PA&ED SUBMITTAL
 NOT FOR CONSTRUCTION
 SEPTEMBER 2023

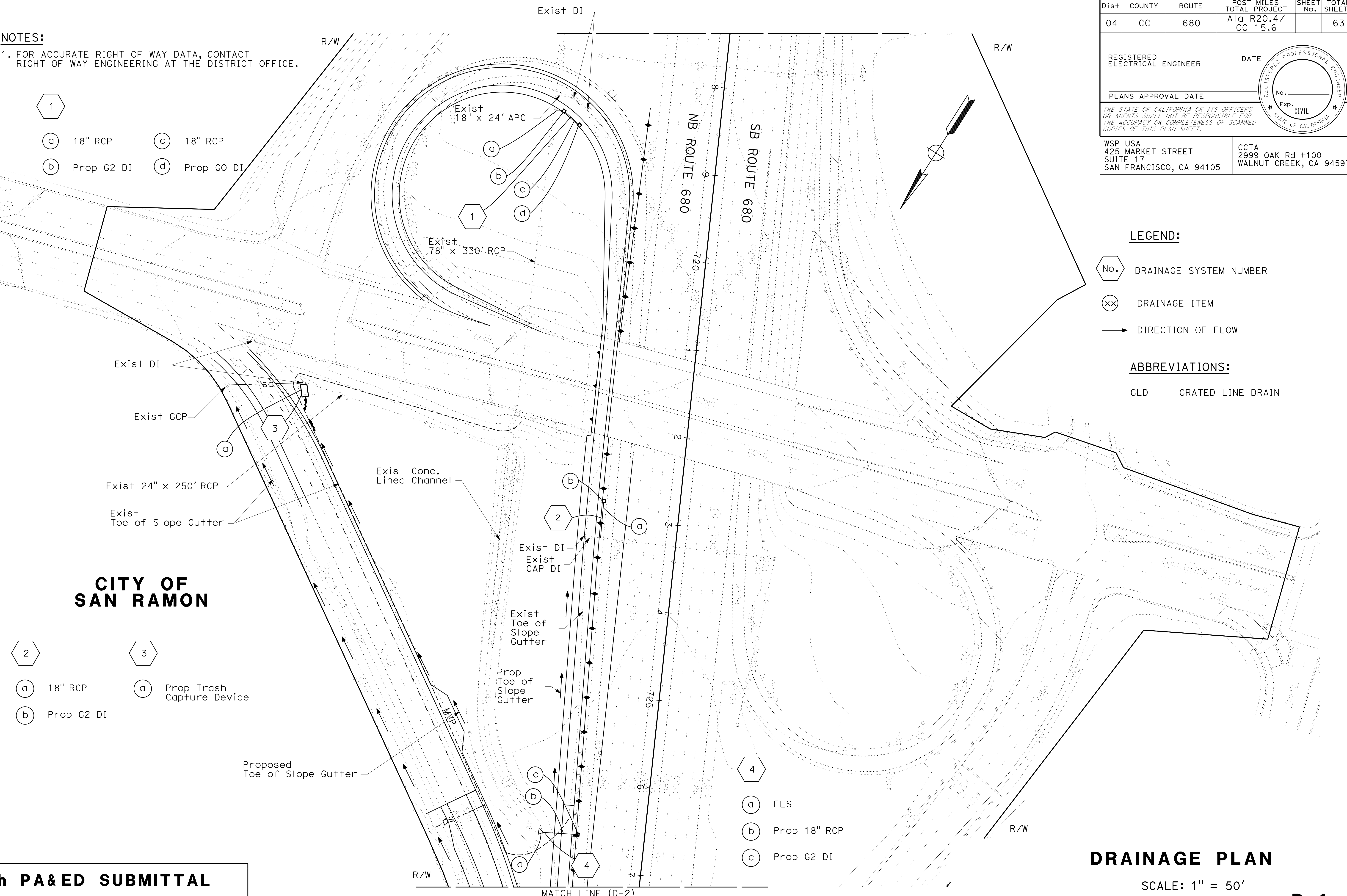


**ATTACHMENT G:
DRAINAGE SHEETS**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No.		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105			CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597		

NOTES:
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

- 1
- a 18" RCP c 18" RCP
- b Prop G2 DI d Prop G0 DI



- LEGEND:**
- No. DRAINAGE SYSTEM NUMBER
 - ⊗ DRAINAGE ITEM
 - DIRECTION OF FLOW

- ABBREVIATIONS:**
- GLD GRATED LINE DRAIN

**CITY OF
SAN RAMON**

- 2
- 3
- a 18" RCP a Prop Trash Capture Device
- b Prop G2 DI

- 4
- a FES
- b Prop 18" RCP
- c Prop G2 DI

4th PA&ED SUBMITTAL


NOT FOR CONSTRUCTION
JANUARY 2024

THIS PLAN TO BE USED FOR DRAINAGE INFORMATION ONLY

DRAINAGE PLAN

SCALE: 1" = 50'

D-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CHECKED BY	REVISOR	DATE
	CARLOS CAMPO	RICK BOTTCHEER		

USERNAME => wspw14-pw-svc
DGN FILE => 00960_D-1.dgn

RELATIVE BORDER SCALE
IS IN INCHES



UNIT XXXX

PROJECT NUMBER & PHASE

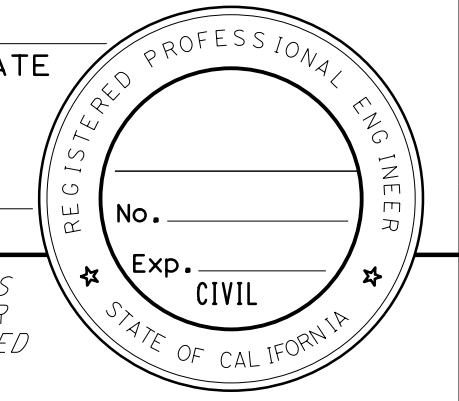
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LAST REVISION: DATE PLOTTED => 22-JAN-2024
00-00-00 TIME PLOTTED => 2:3:05

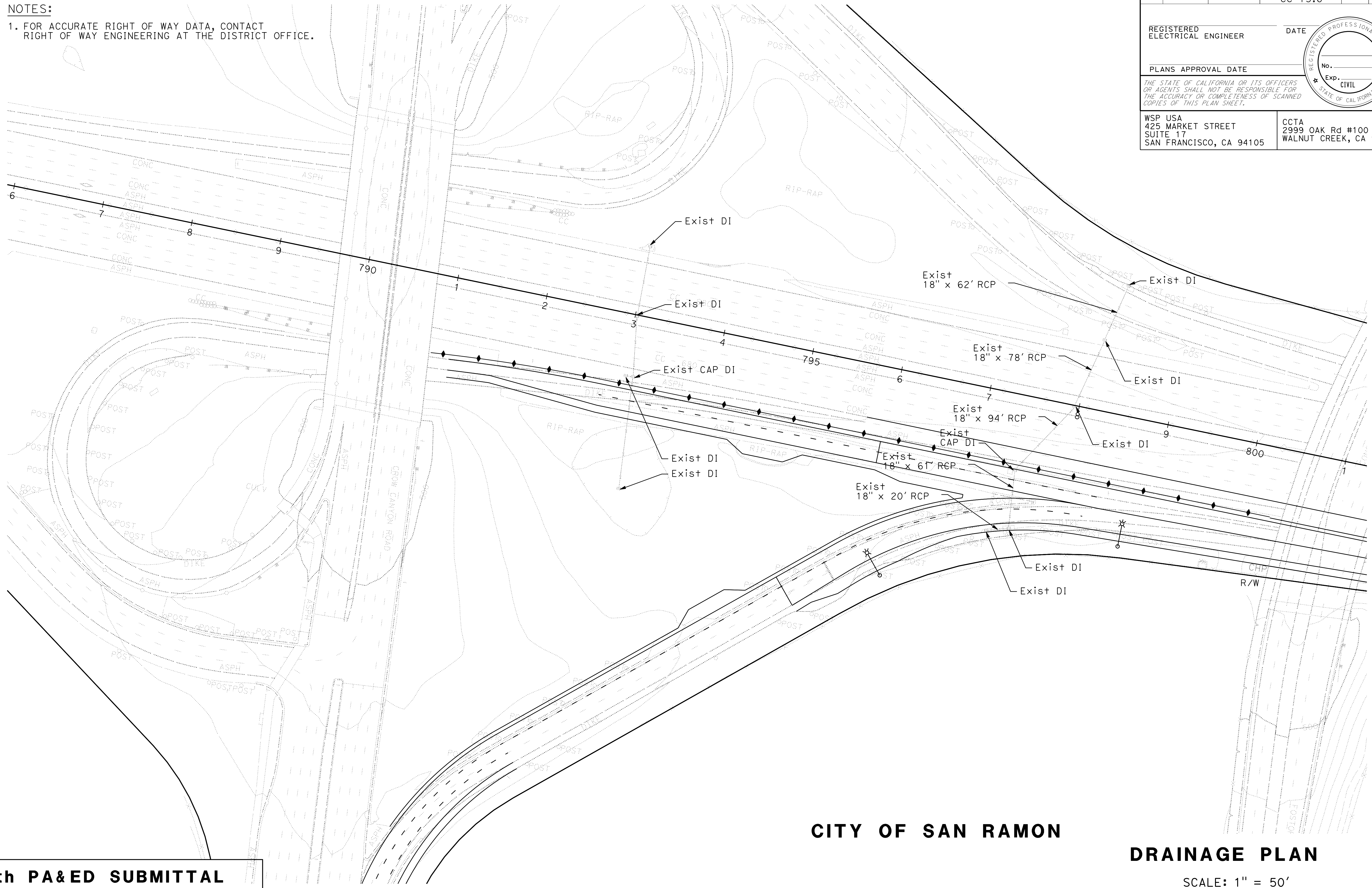
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



NOTES:
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT - FUNCTIONAL SUPERVISOR	CALCULATED- DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	DATE REVISED
		ANGELICA QUINTERO	RICK BOTTCHE

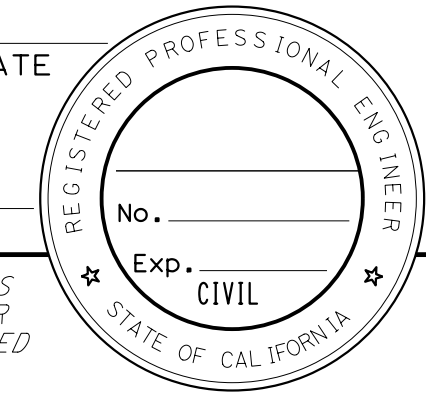
4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

THIS PLAN TO BE USED FOR DRAINAGE INFORMATION ONLY

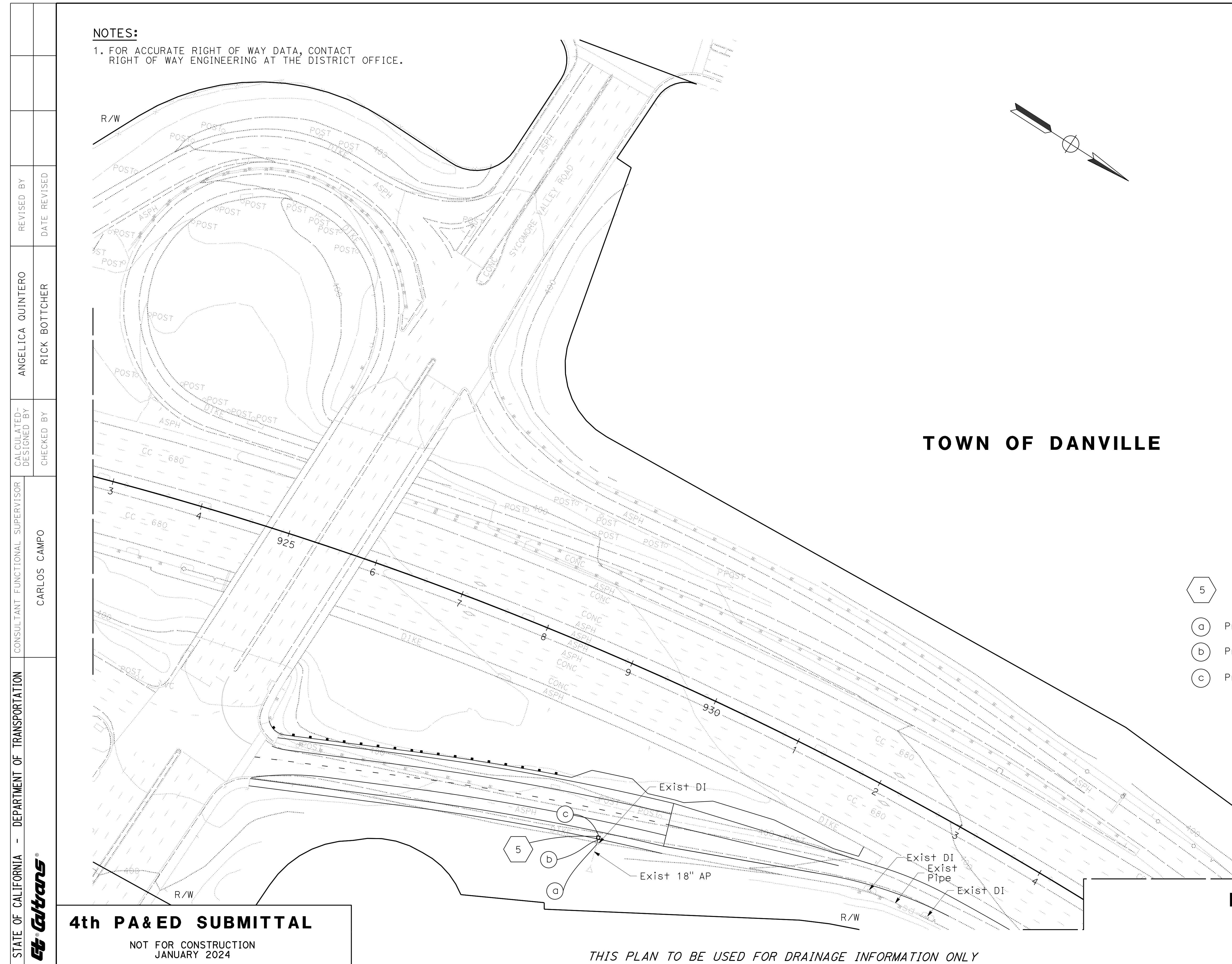
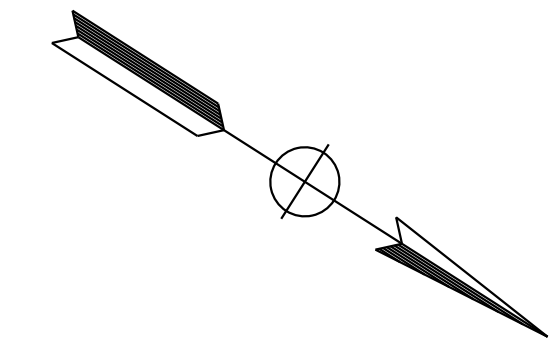


LAST REVISION: DATE PLOTTED => 22-JAN-2024
00-00-00 TIME PLOTTED => 22:02

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
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NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



TOWN OF DANVILLE

- 5
- a Prop Conc COLLAR
- b Prop 18" AP
- c Prop G2 DI

4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

DRAINAGE PLAN

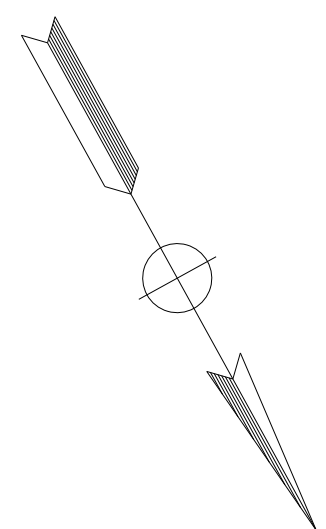
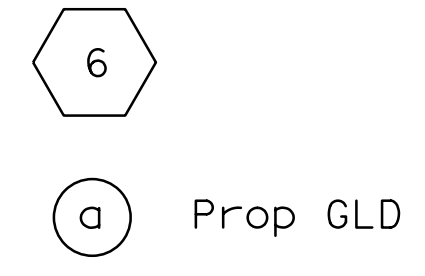
SCALE: 1" = 50'

D-4

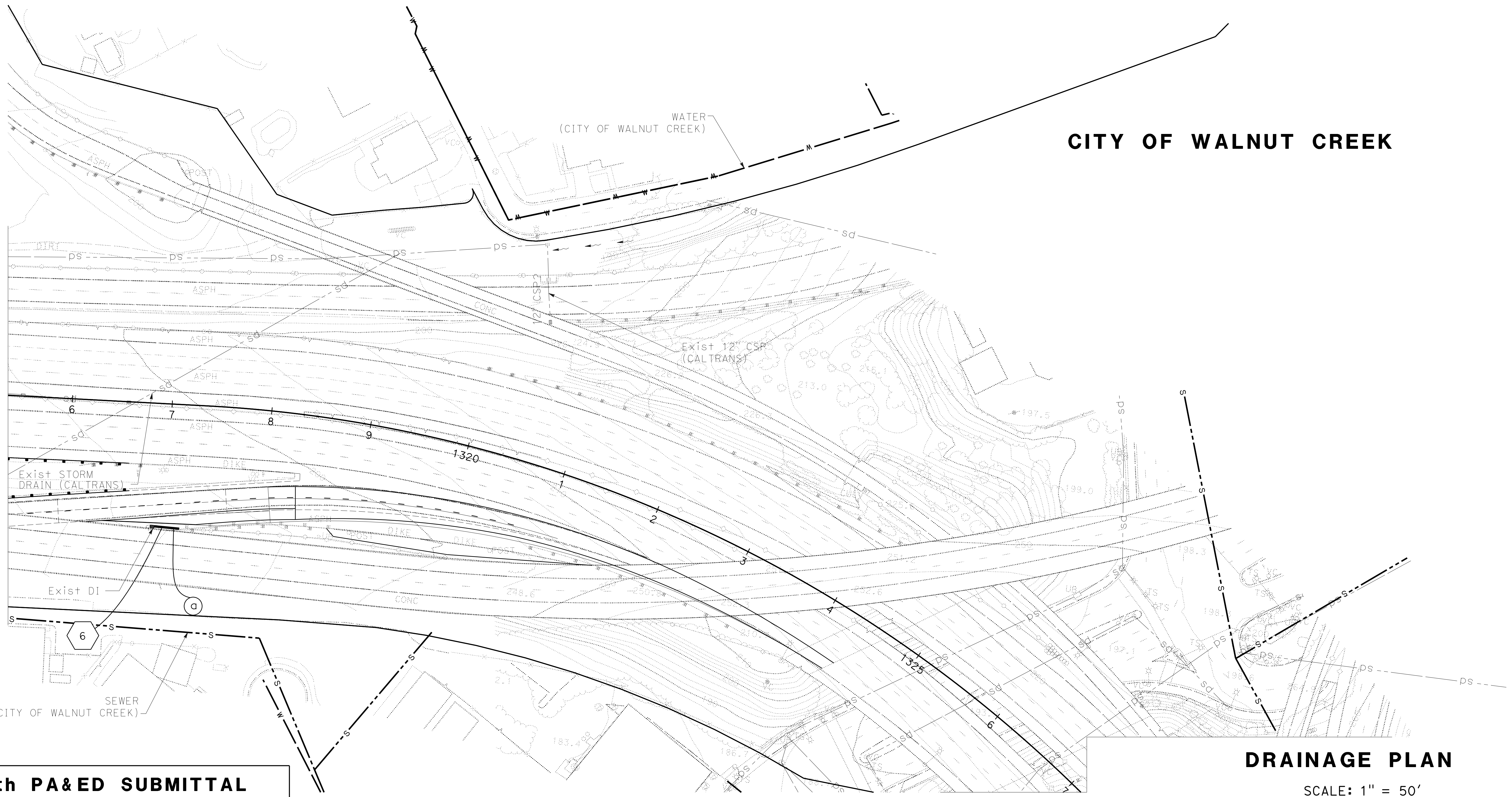
LAST REVISION DATE PLOTTED => 22-JAN-2024 00-00-00 TIME PLOTTED => 14:24

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE			No. _____		
			Exp. CIVIL		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>			<small>STATE OF CALIFORNIA</small>		
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	ANGELICA QUINTERO
			RICK BOTTCHEER
			DATE REVISED



4th PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
JANUARY 2024

THIS PLAN TO BE USED FOR DRAINAGE INFORMATION ONLY

DRAINAGE PLAN

SCALE: 1" = 50'

D-5

LAST REVISION: DATE PLOTTED => 22-JAN-2024
00-00-00 TIME PLOTTED => 22:02

***Attachment I – Disturbed Soil Area and
Impervious Surface Area Exhibits***

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	ALA R20.4/ CC 15.6		63

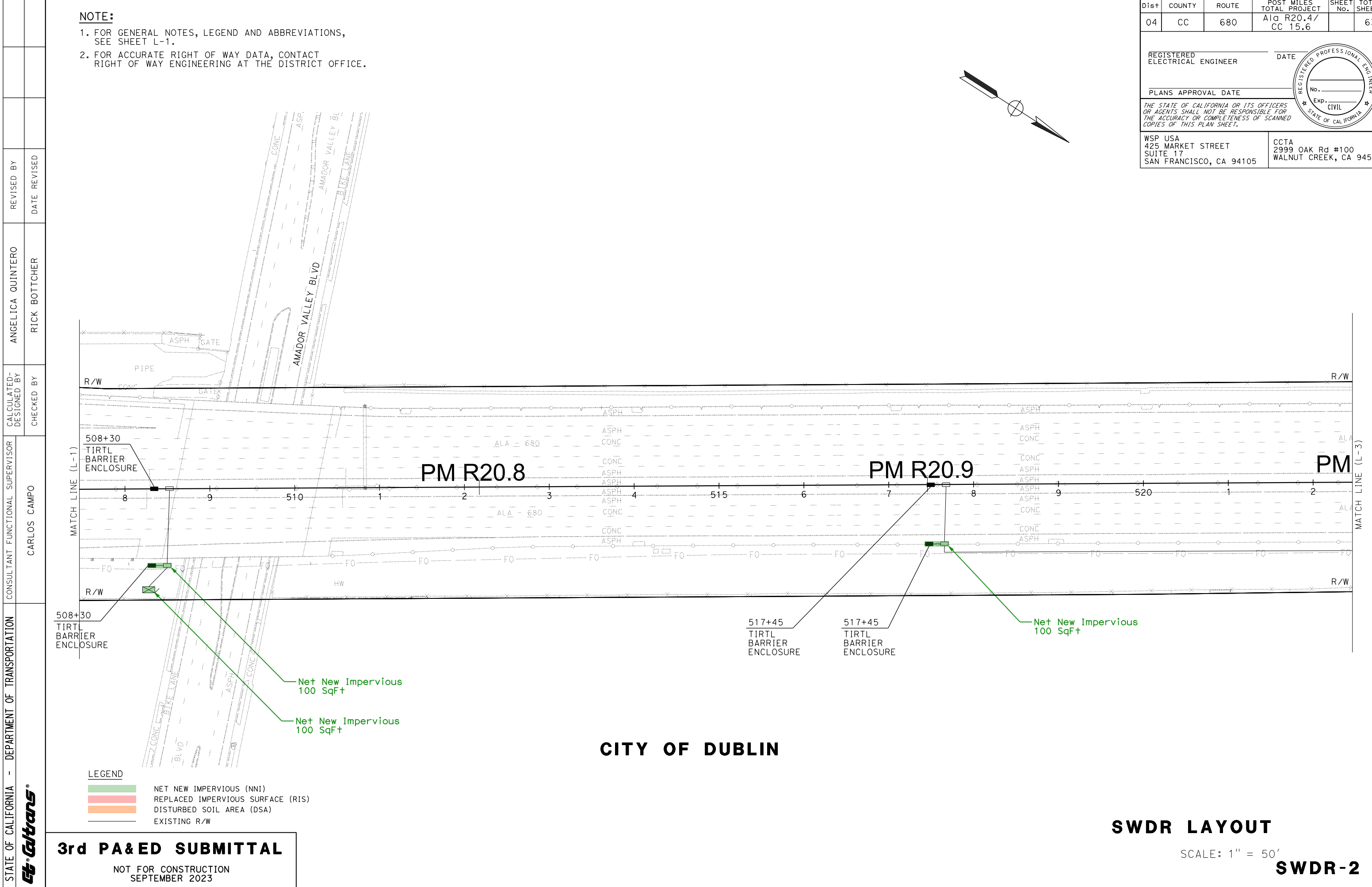
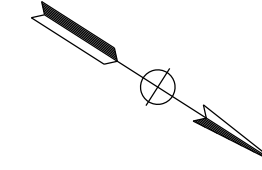
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

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CITY OF DUBLIN

LEGEND

- NET NEW IMPERVIOUS (NNI)
- REPLACED IMPERVIOUS SURFACE (RIS)
- DISTURBED SOIL AREA (DSA)
- EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-2

LAST REVISION: DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:07

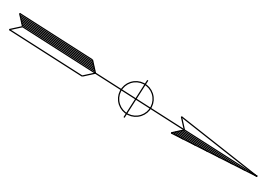
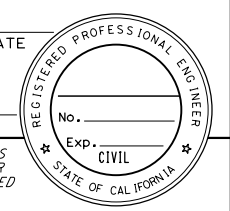
NOTE:

- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

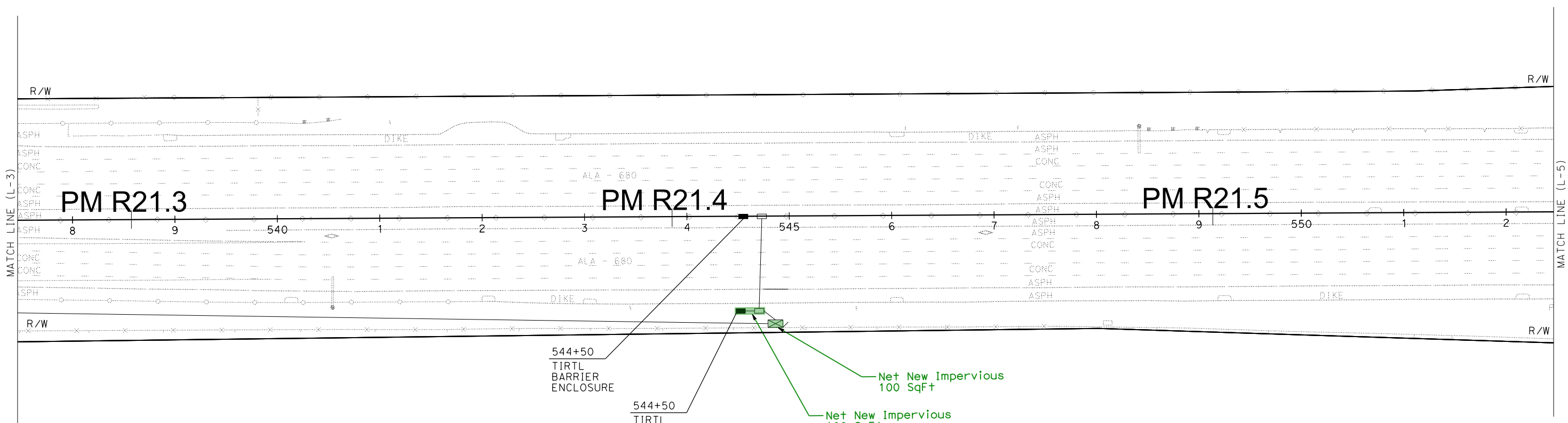
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	ALA R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR: CARLOS CAMPO
 CALCULATED/DESIGNED BY: ANGELICA QUINTERO
 CHECKED BY: RICK BOTTTCHER
 REVISED BY: [blank]
 DATE REVISED: [blank]



CITY OF DUBLIN

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
 SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-4

LAST REVISION DATE PLOTTED => 18-DEC-2023
 00-00-00 TIME PLOTTED => 17:04

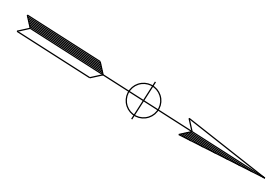
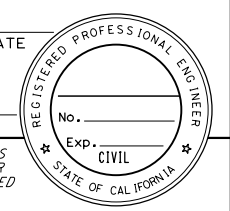
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

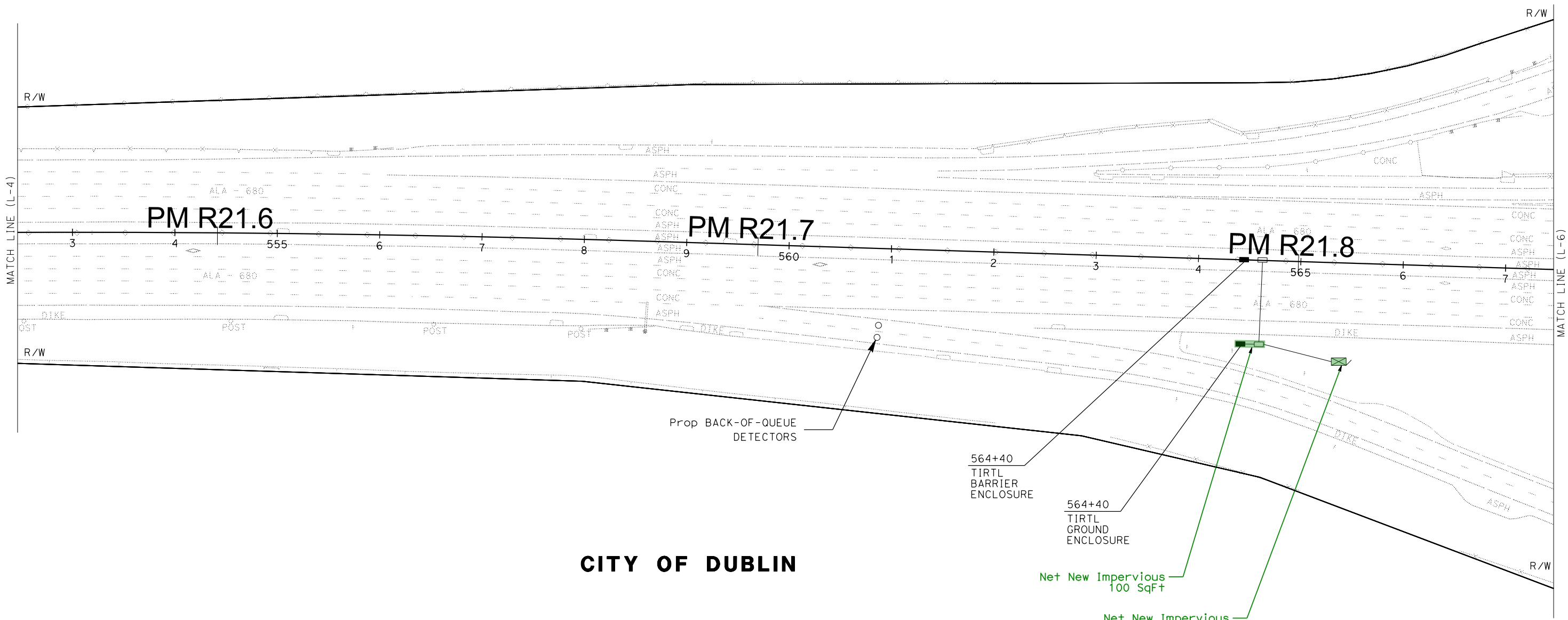
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Ala R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Et Caltrans	CARLOS CAMPO	CHECKED BY	ANGELICA QUINTERO
			RICK BOTTCHEER
			DATE REVISED



LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-5

LAST REVISION: DATE PLOTTED => 18-DEC-2023 TIME PLOTTED => 17:05

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

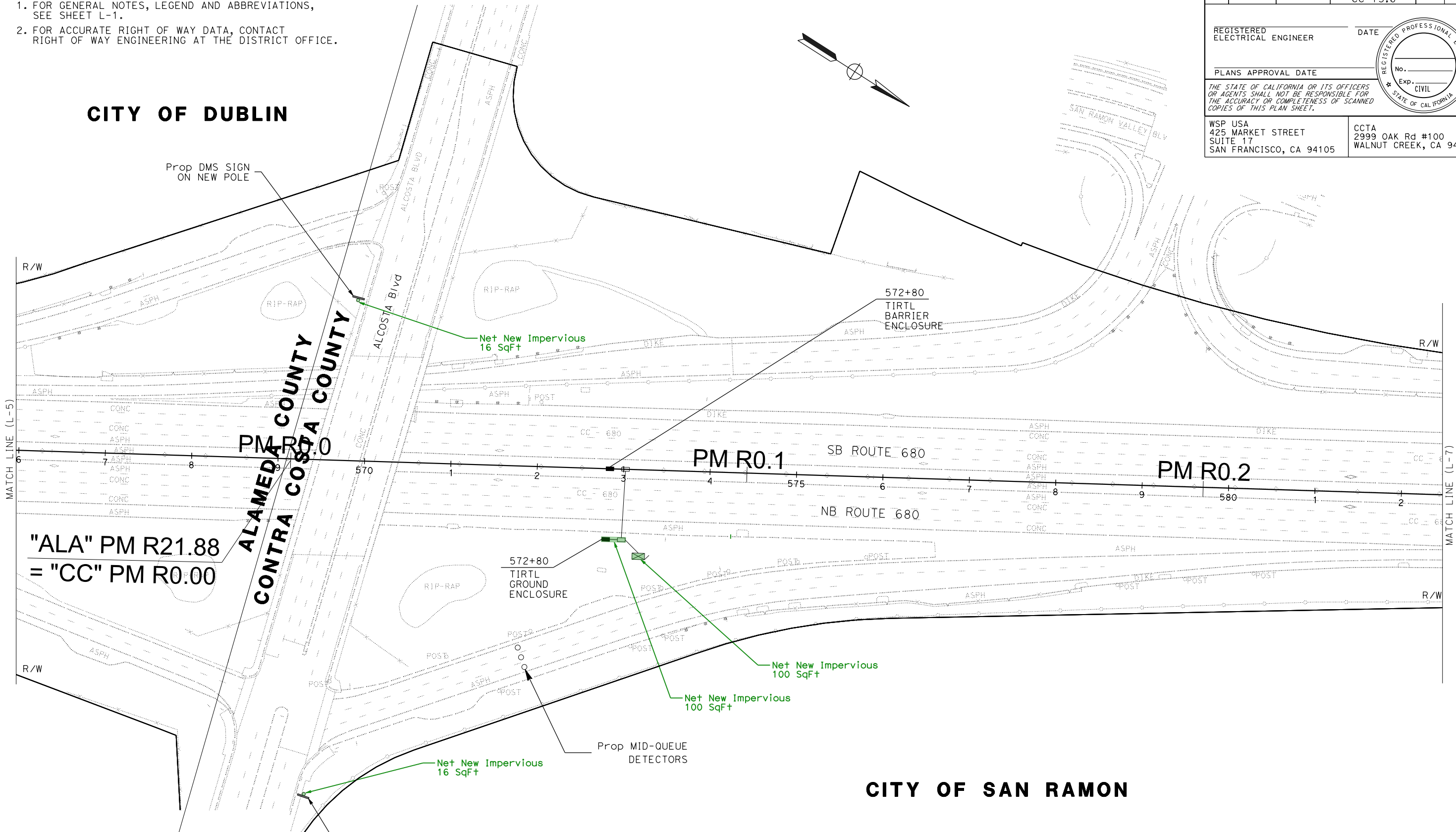
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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CITY OF DUBLIN

CITY OF SAN RAMON



LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

"ALA" PM R21.88
= "CC" PM R0.00

ALAMEDA COUNTY
CONTRA COSTA COUNTY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	REVISOR BY	DATE REVISED
	CARLOS CAMPO	ANGELICA QUINTERO	RICK BOTTCHER	

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-6

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63

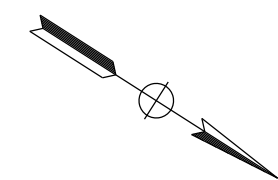
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

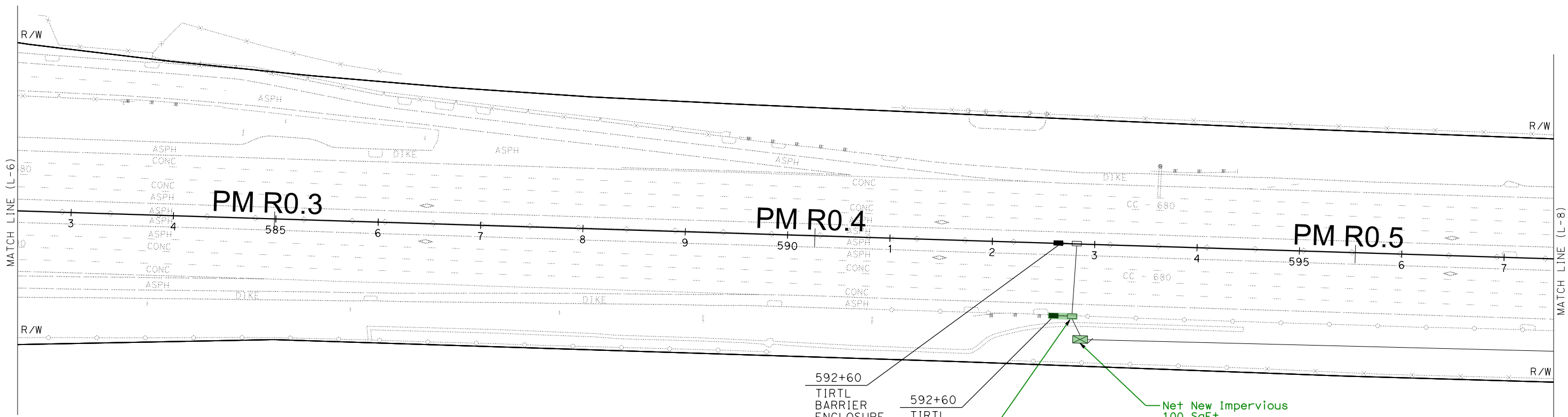
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Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR CARLOS CAMPO
 CALCULATED-DESIGNED BY CHECKED BY
 ANGELICA QUINTERO RICK BOTTCHEER
 REVISED BY DATE REVISED



CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-7

LAST REVISION: DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:04

NOTE:

- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

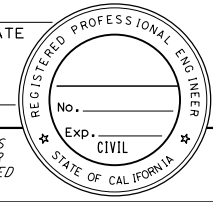
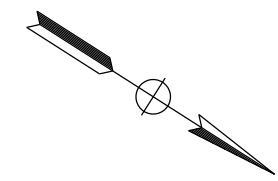
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

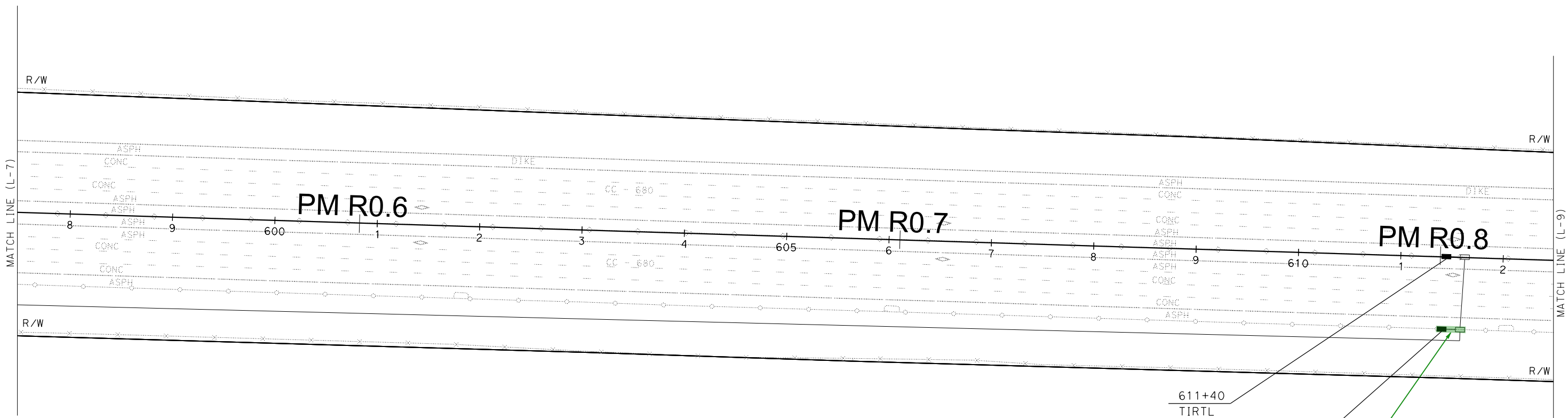
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Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR CARLOS CAMPO
 CALCULATED/DESIGNED BY CHECKED BY
 ANGELICA QUINTERO RICK BOTTTCHER
 REVISED BY DATE REVISED



CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-8

LAST REVISION DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:05

NOTE:

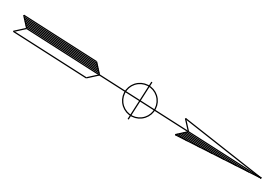
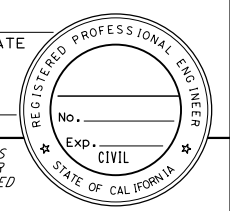
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

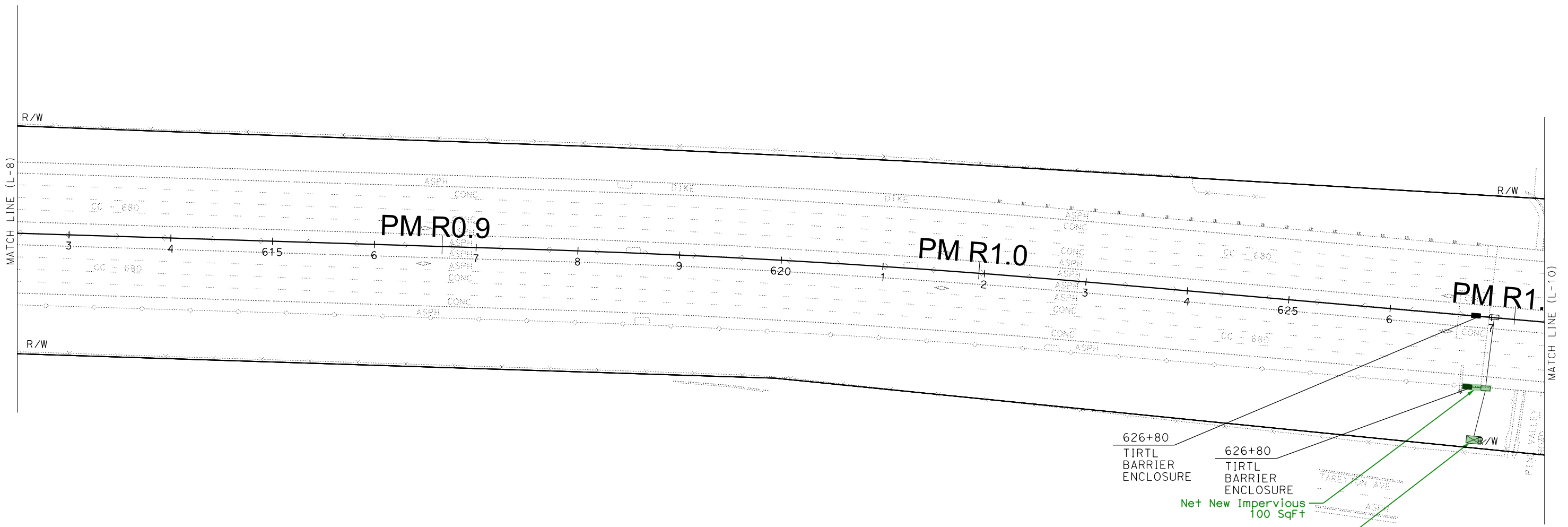
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	ANGELICA QUINTERO
			RICK BOTTTCHER



CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-9

LAST REVISION DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:05

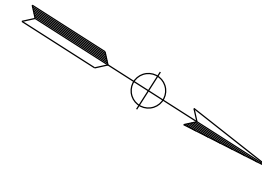
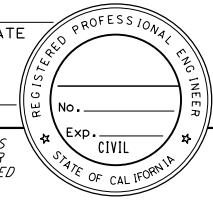
NOTE:

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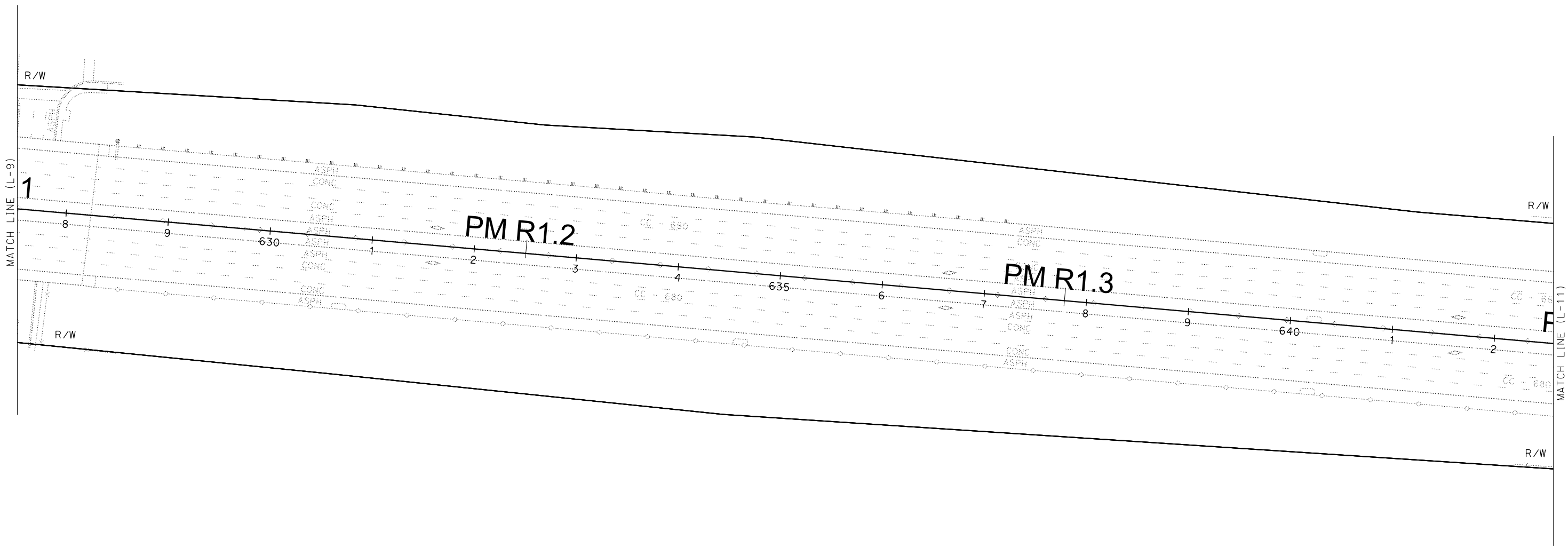
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	ANGELICA QUINTERO
			RICK BOTTTCHER



CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL
 NOT FOR CONSTRUCTION
 SEPTEMBER 2023

SWDR LAYOUT
 SCALE: 1" = 50'
SWDR-10

LAST REVISION: 00-00-00 DATE PLOTTED => 18-DEC-2023 TIME PLOTTED => 17:07

NOTE:

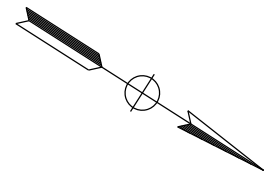
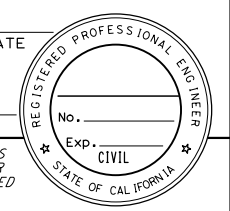
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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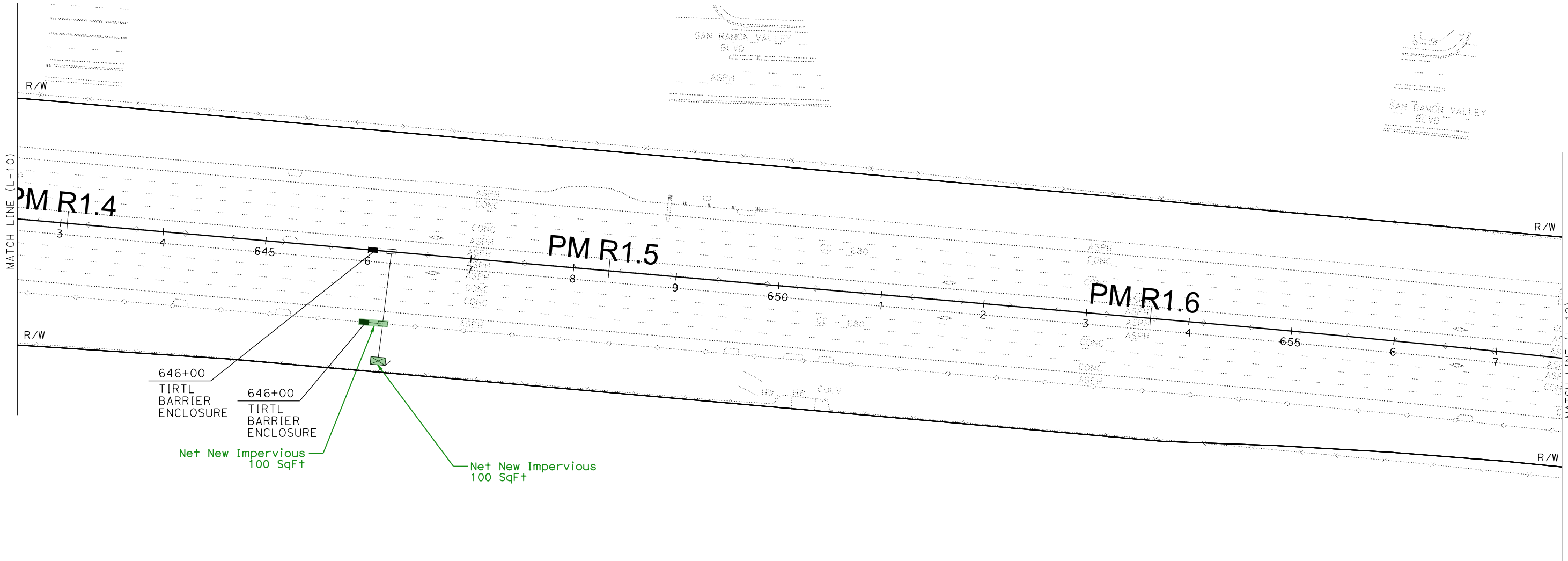
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR CARLOS CAMPO
 CALCULATED/DESIGNED BY ANGELICA QUINTERO
 CHECKED BY RICK BOTTCHEE
 REVISED BY DATE REVISIONS



CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
 SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-11

LAST REVISION: 00-00-00 DATE PLOTTED => 18-DEC-2023 TIME PLOTTED => 17:07

NOTE:

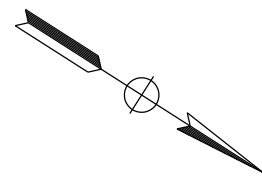
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alt R20.4/ CC 15.6		63

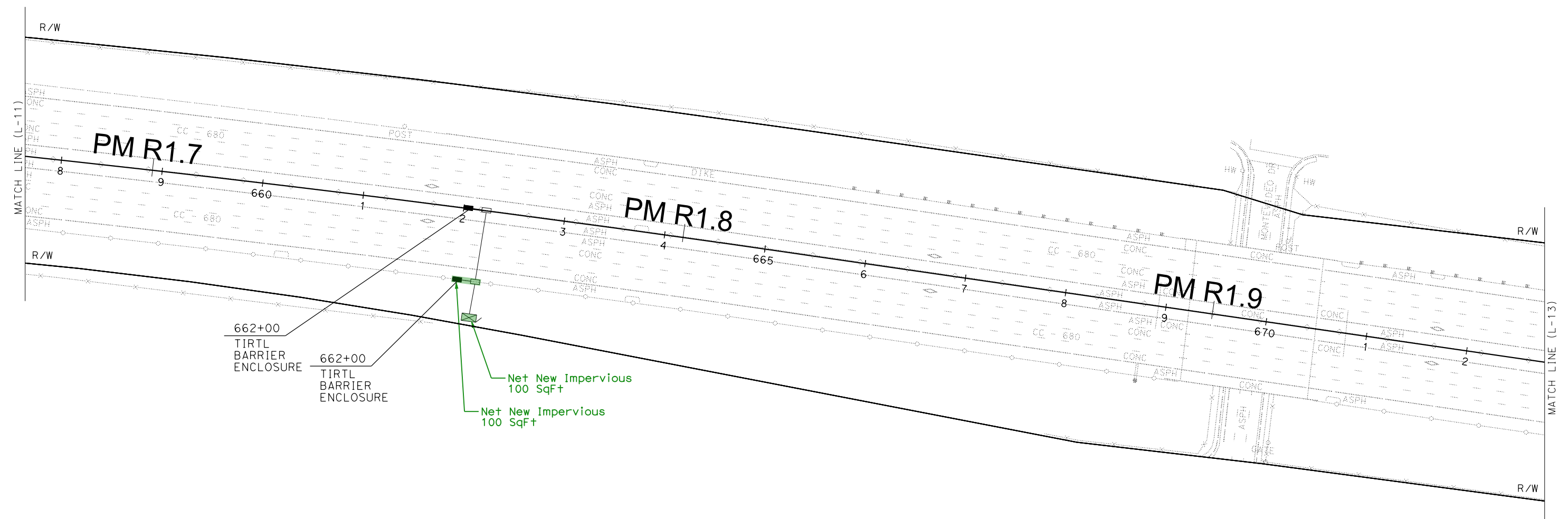
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR BY
Et Caltrans	CARLOS CAMPO	CHECKED BY	DATE REVISED
		ANGELICA QUINTERO	RICK BOTTTCHER



CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-12

NOTE:

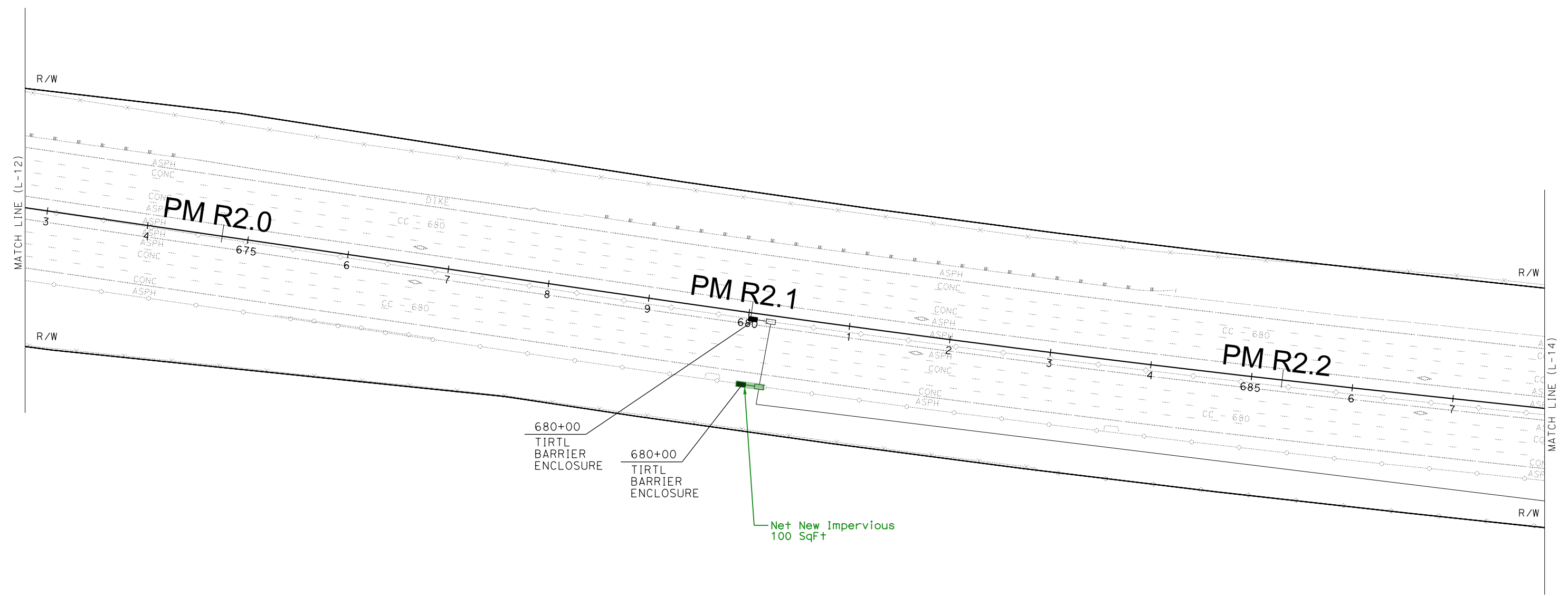
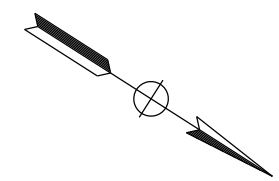
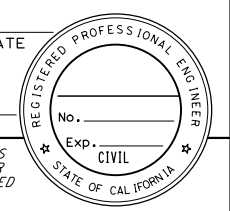
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alt R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-13

LAST REVISION: DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:07

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

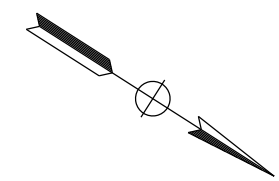
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

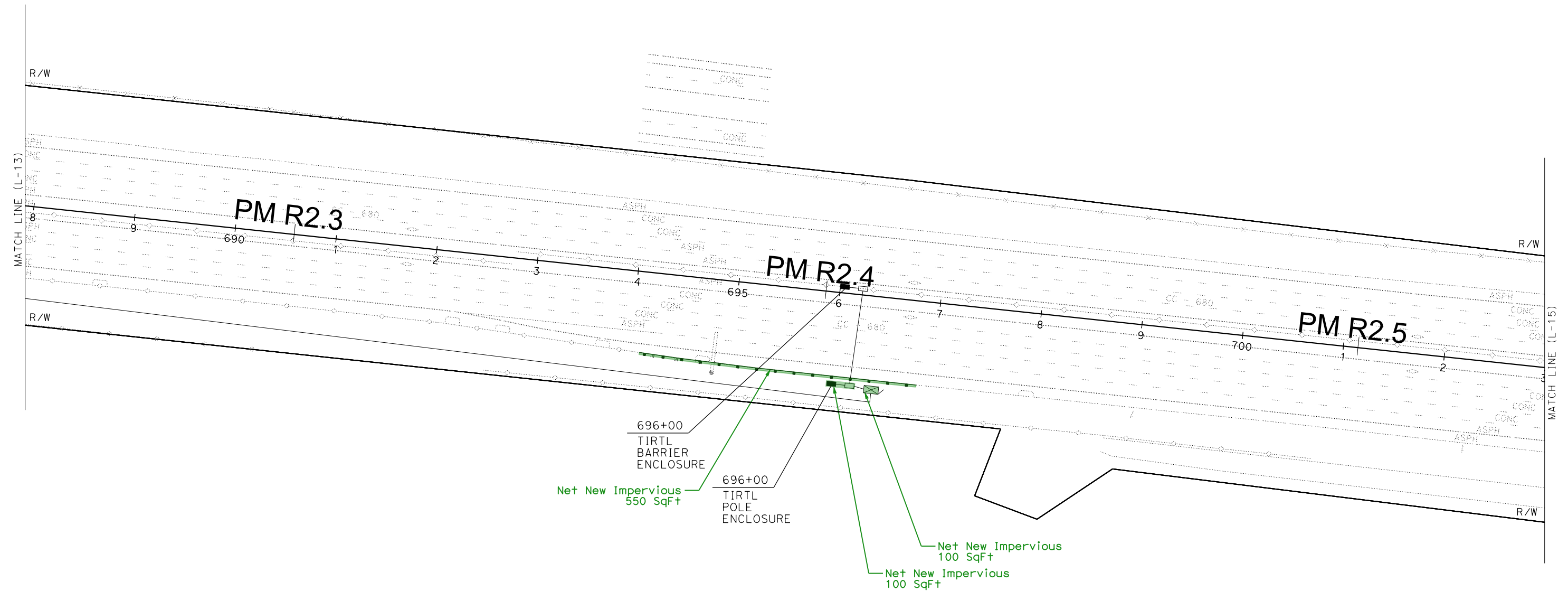
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	REVISOR BY
Caltrans	CARLOS CAMPO	ANGELICA QUINTERO	RICK BOTTTCHER



CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-14

LAST REVISION: DATE PLOTTED => 18-DEC-2023
00-00-00 TIME PLOTTED => 17:06

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

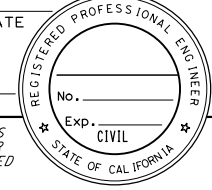
REGISTERED ELECTRICAL ENGINEER _____ DATE _____


PLANS APPROVAL DATE _____

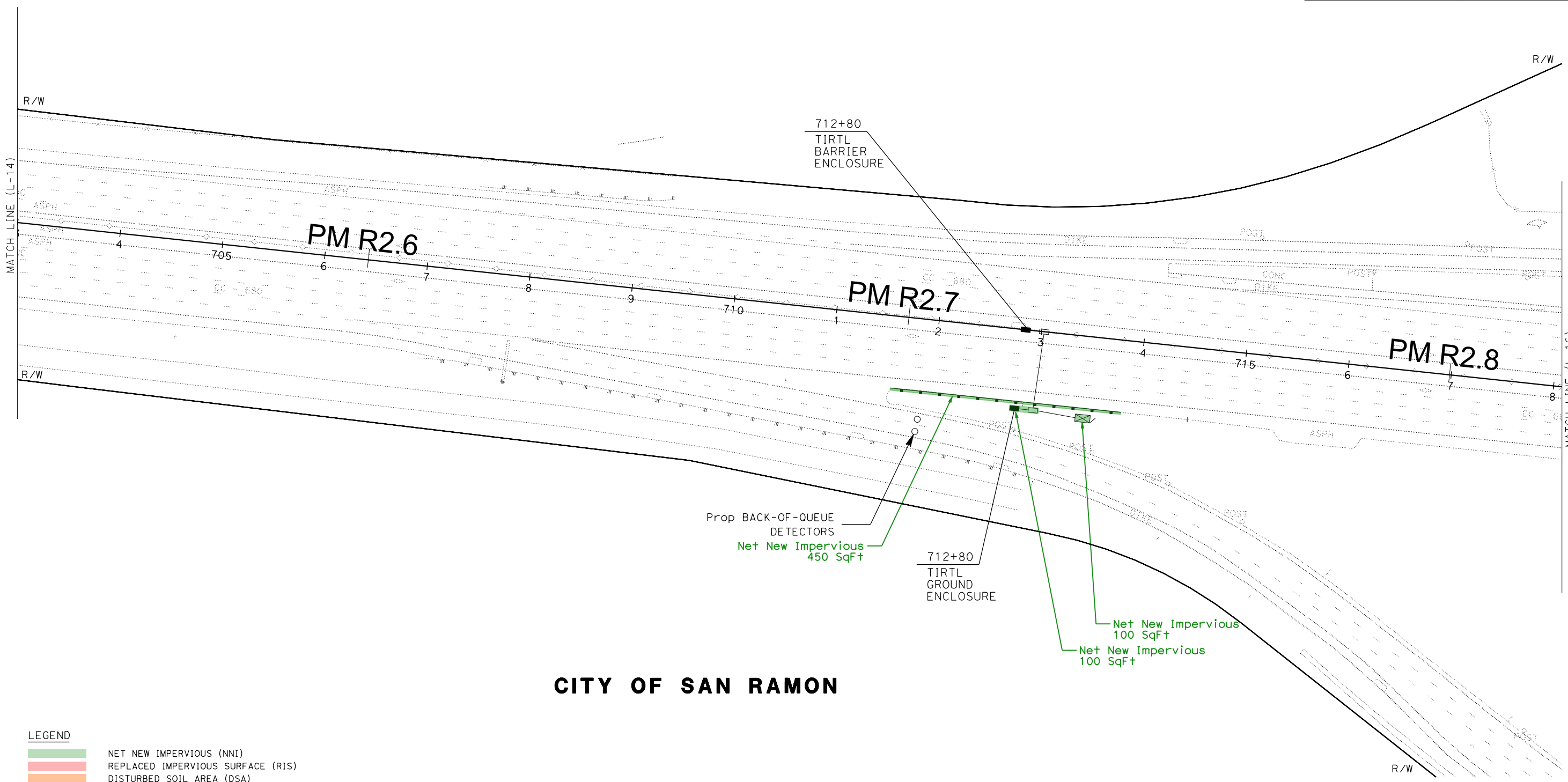
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	REVISOR BY
	CARLOS CAMPO	ANGELICA QUINTERO	RICK BOTTCHEER



CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT
SCALE: 1" = 50'
SWDR-15

LAST REVISION: DATE PLOTTED => 18-DEC-2023
00-00-00 TIME PLOTTED => 17:05

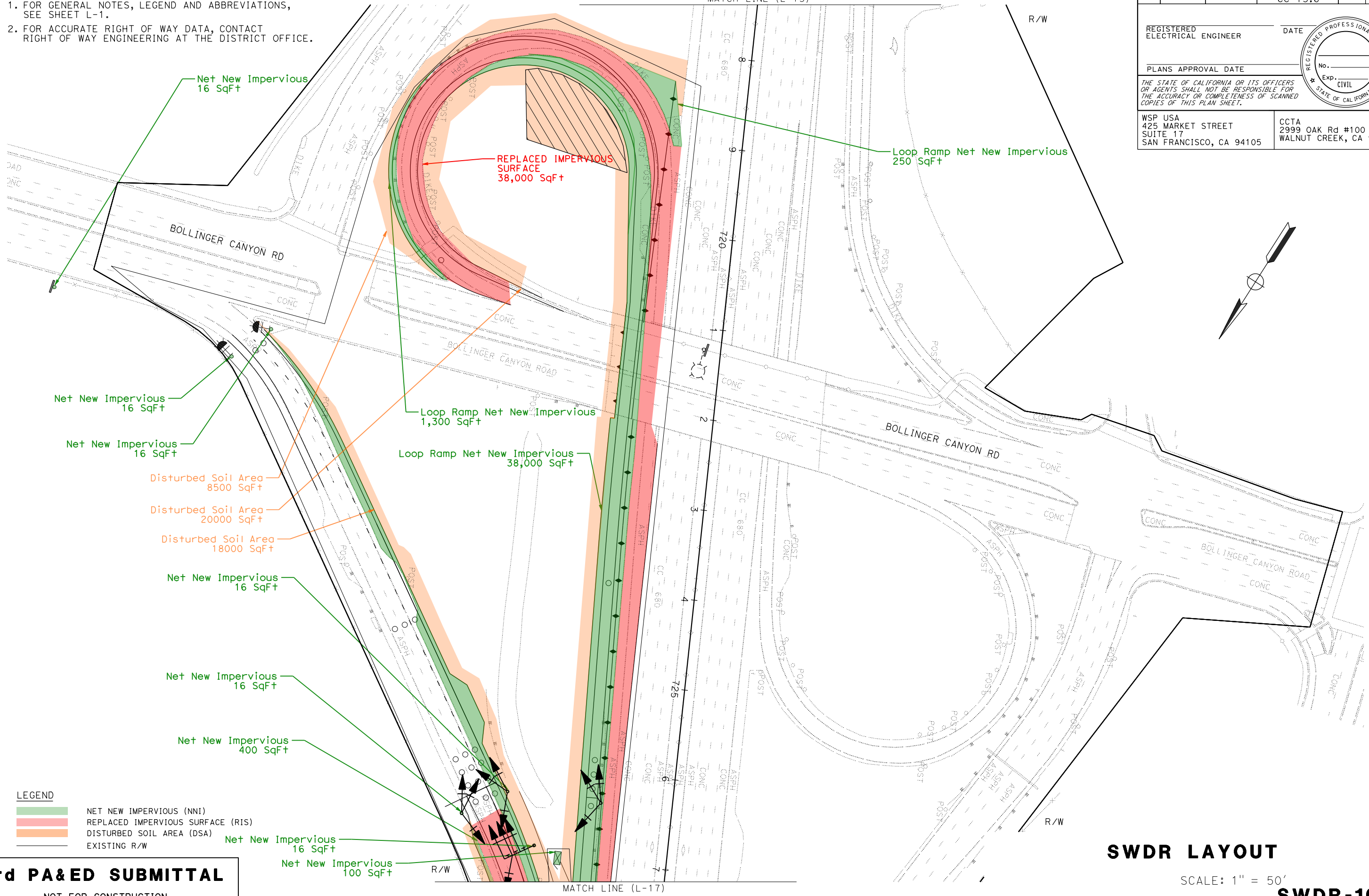
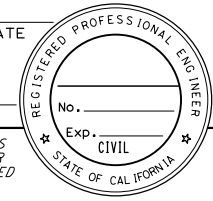
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



LEGEND

- NET NEW IMPERVIOUS (NNI)
- REPLACED IMPERVIOUS SURFACE (RIS)
- DISTURBED SOIL AREA (DSA)
- EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-16



NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

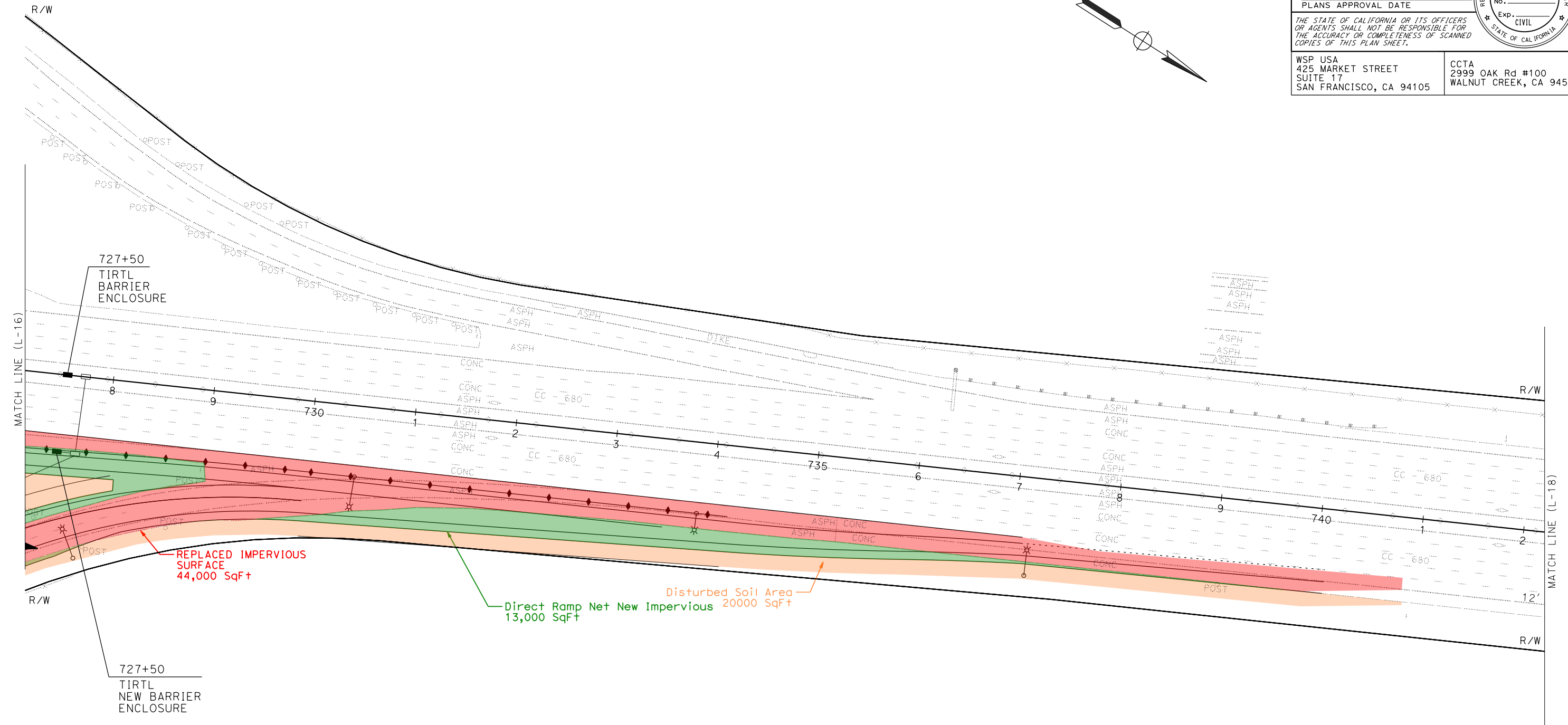
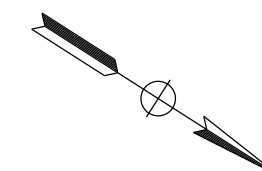
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

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CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-17



NOTE:

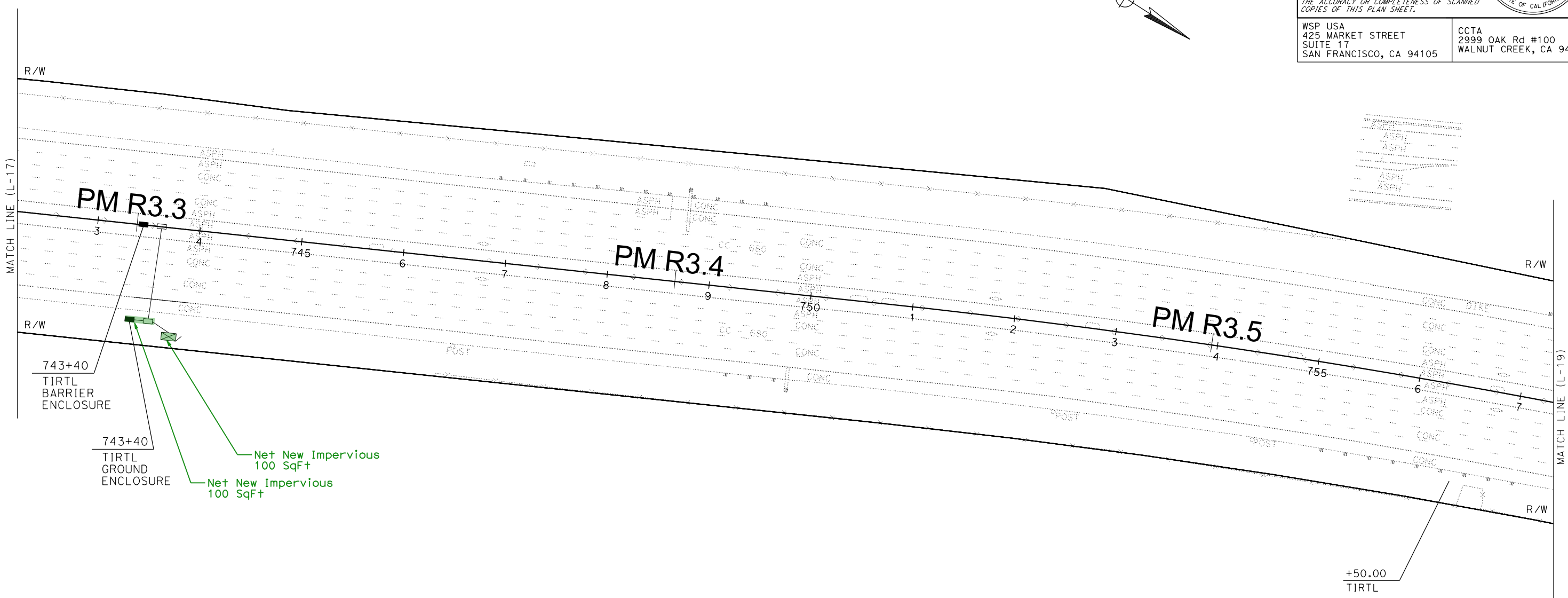
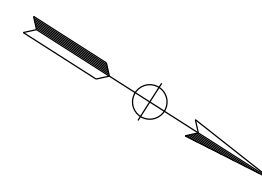
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Ald R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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CITY OF SAN RAMON

LEGEND

- NET NEW IMPERVIOUS (NNI)
- REPLACED IMPERVIOUS SURFACE (RIS)
- DISTURBED SOIL AREA (DSA)
- EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-18



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
	CARLOS CAMPO	CHECKED BY	ANGELICA QUINTERO
			RICK BOTTCHEER
			DATE REVISED

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

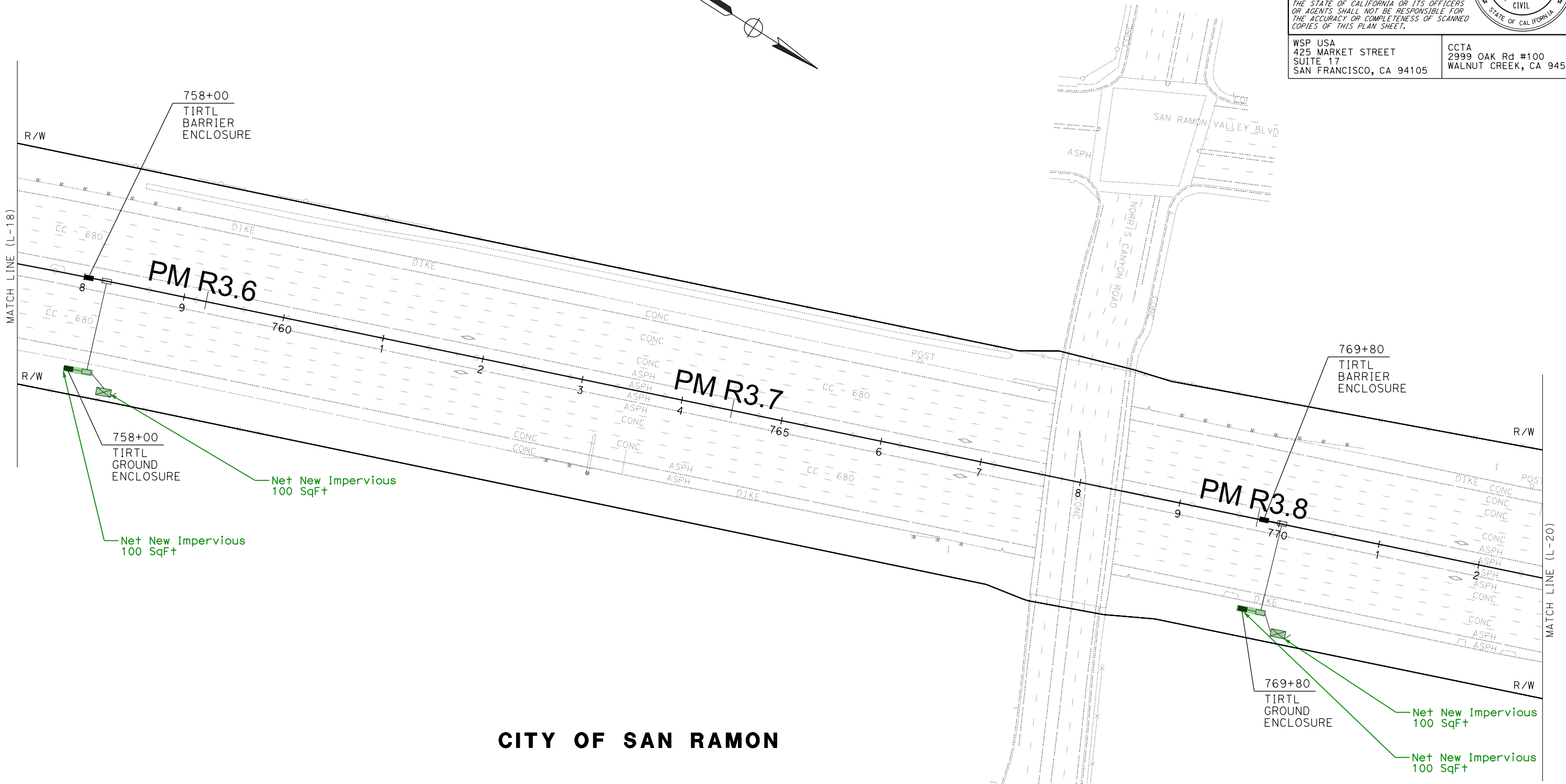
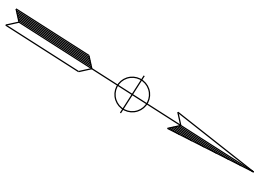
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

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WALNUT CREEK, CA 94597



CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-19

LAST REVISION: 00-00-00 DATE PLOTTED => 18-DEC-2023 TIME PLOTTED => 17:07

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

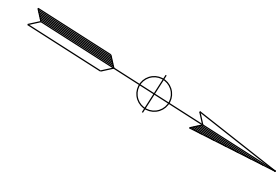
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

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WALNUT CREEK, CA 94597



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

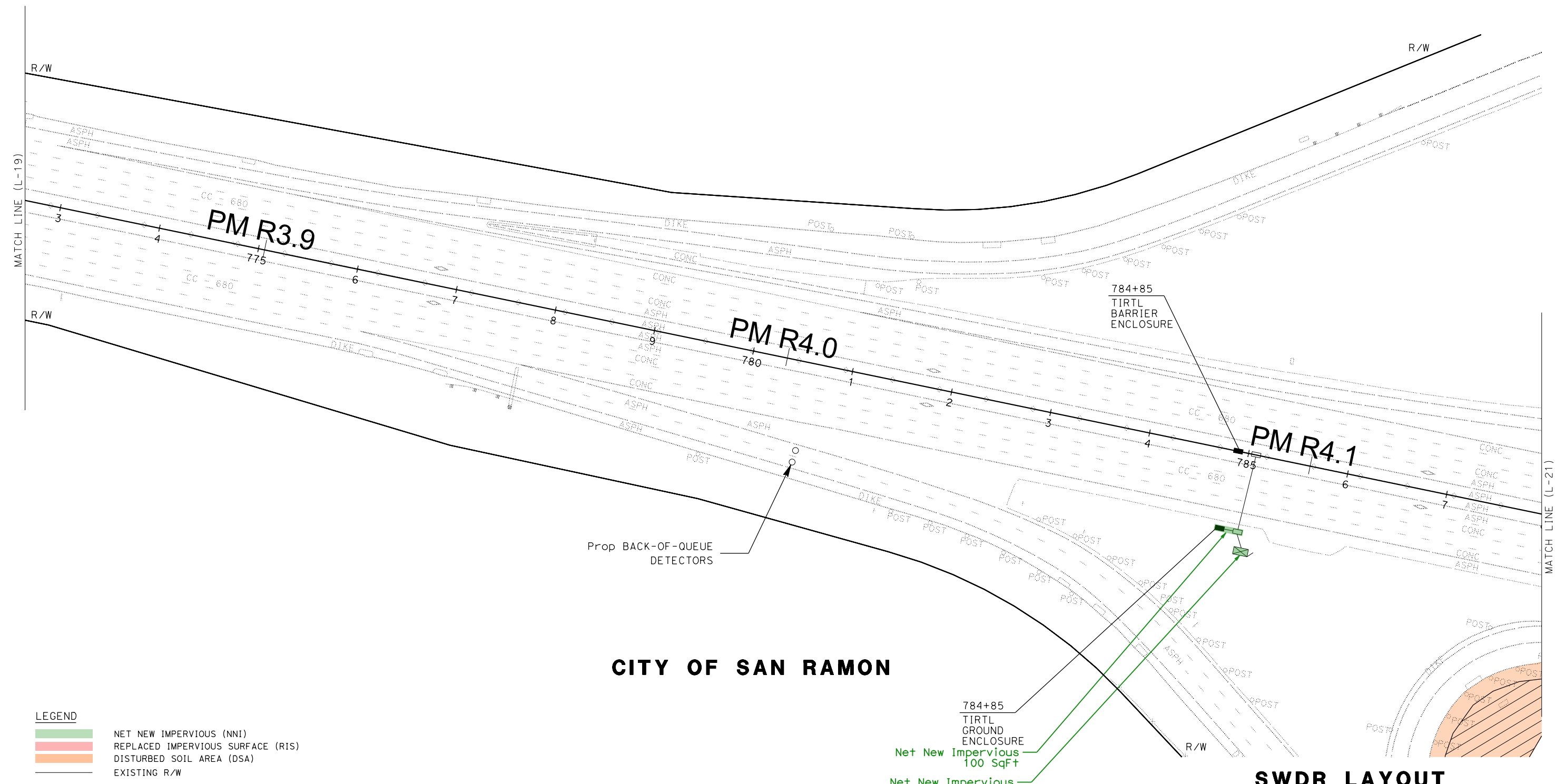
CONSULTANT FUNCTIONAL SUPERVISOR: CARLOS CAMPO

CALCULATED-DESIGNED BY: ANGELICA QUINTERO

CHECKED BY: RICK BOTTCHEER

REVISOR: _____

DATE: _____



CITY OF SAN RAMON

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

784+85
TIRTL
GROUND
ENCLOSURE
Net New Impervious
100 SqFt

784+85
TIRTL
BARRIER
ENCLOSURE
Net New Impervious
100 SqFt

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-20

LAST REVISION: DATE PLOTTED => 18-DEC-2023
00-00-00 TIME PLOTTED => 17:05

NOTE:

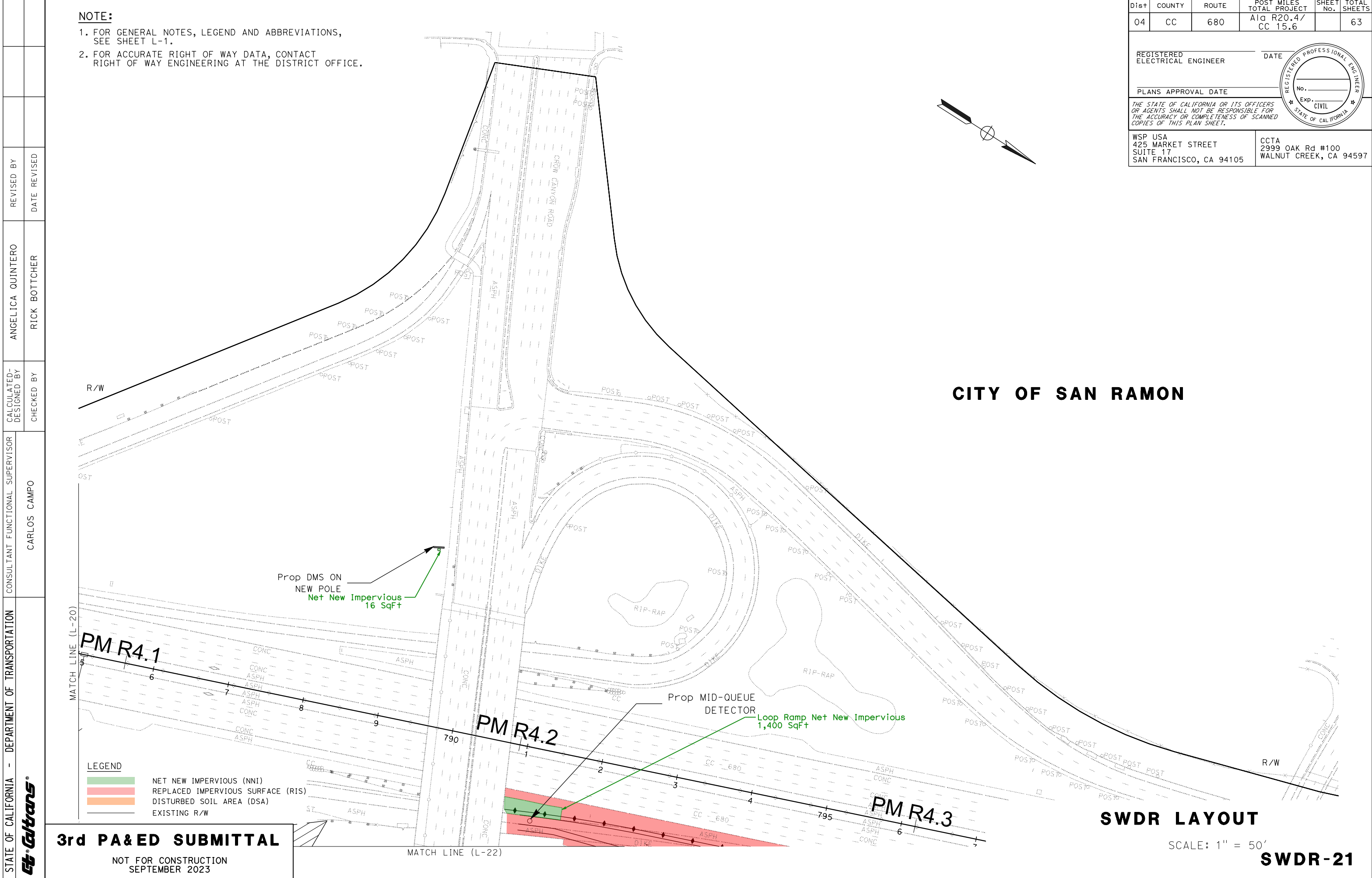
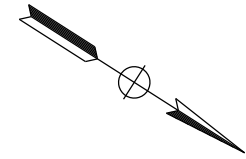
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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CITY OF SAN RAMON

LEGEND

■	NET NEW IMPERVIOUS (NNI)
■	REPLACED IMPERVIOUS SURFACE (RIS)
■	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

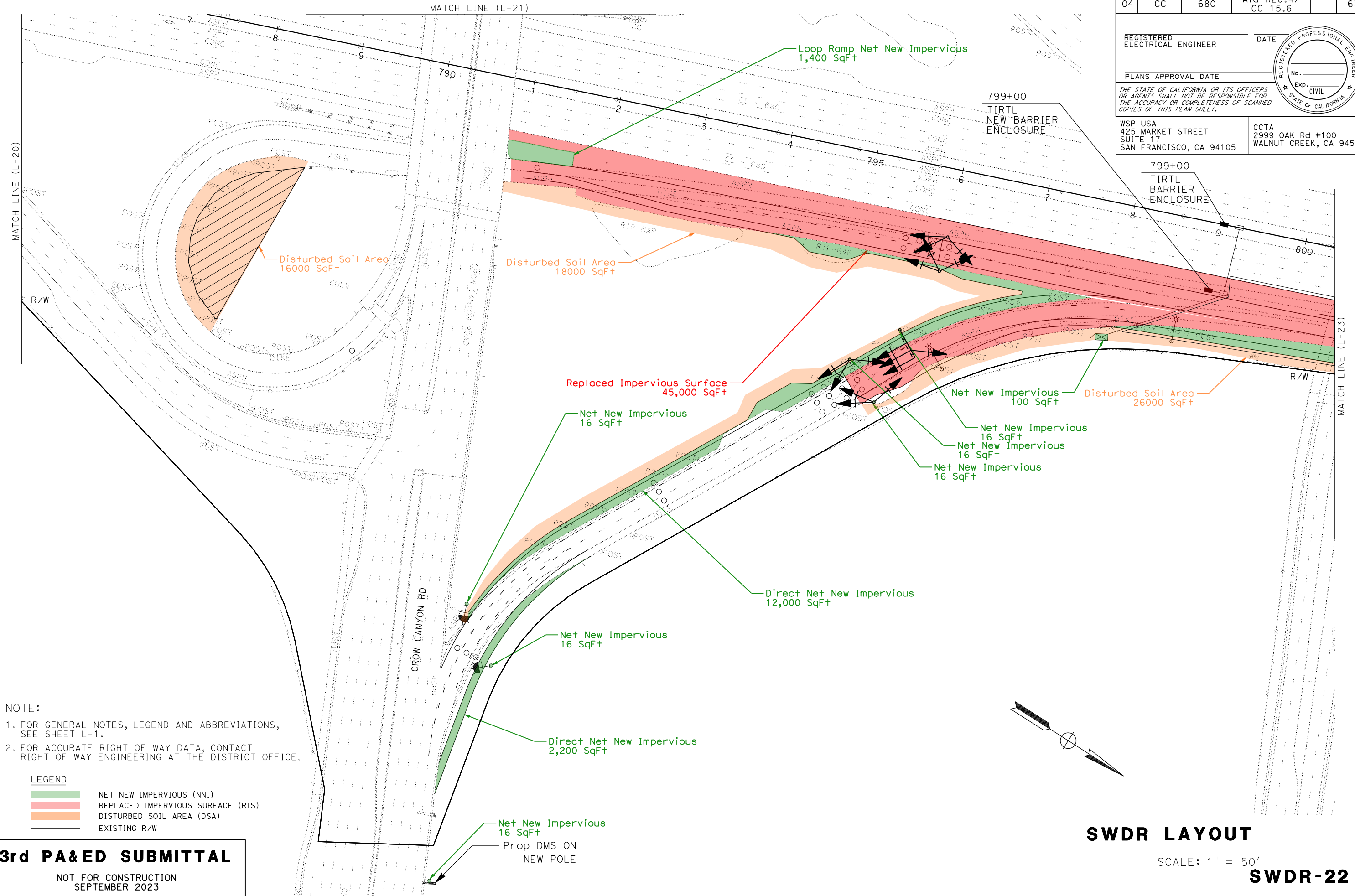
SWDR-21

LAST REVISION: DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:06

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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NOTE:
 1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGEND	
	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL
 NOT FOR CONSTRUCTION
 SEPTEMBER 2023

SWDR LAYOUT
 SCALE: 1" = 50'
SWDR-22

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	REVISOR	DATE
Caltrans	CARLOS CAMPO	RICK BOTTCHEER	ANGELICA QUINTERO	

LAST REVISION DATE PLOTTED => 18-DEC-2023
 00-00-00 TIME PLOTTED => 17:07

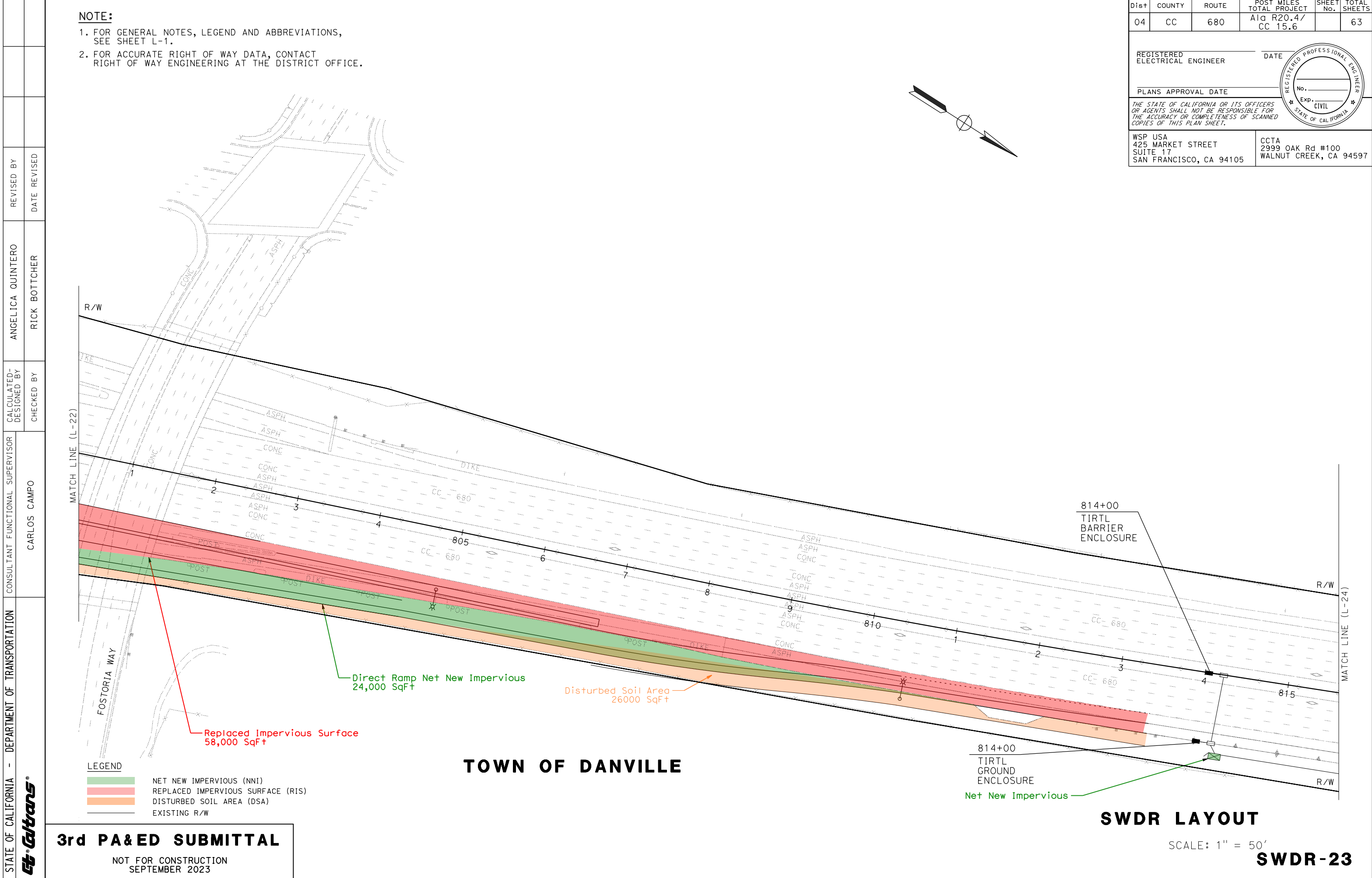
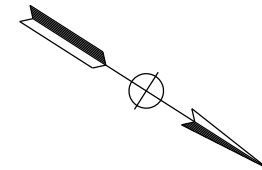
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



TOWN OF DANVILLE

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-23

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR BY
Cartrans	CARLOS CAMPO	CHECKED BY	ANGELICA QUINTERO
			RICK BOTTCHEER
			DATE REVISED

LAST REVISION: DATE PLOTTED => 18-DEC-2023
00-00-00 TIME PLOTTED => 17:05

NOTE:

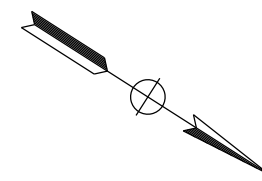
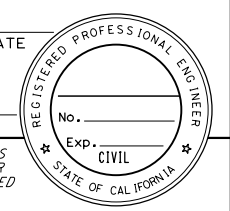
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

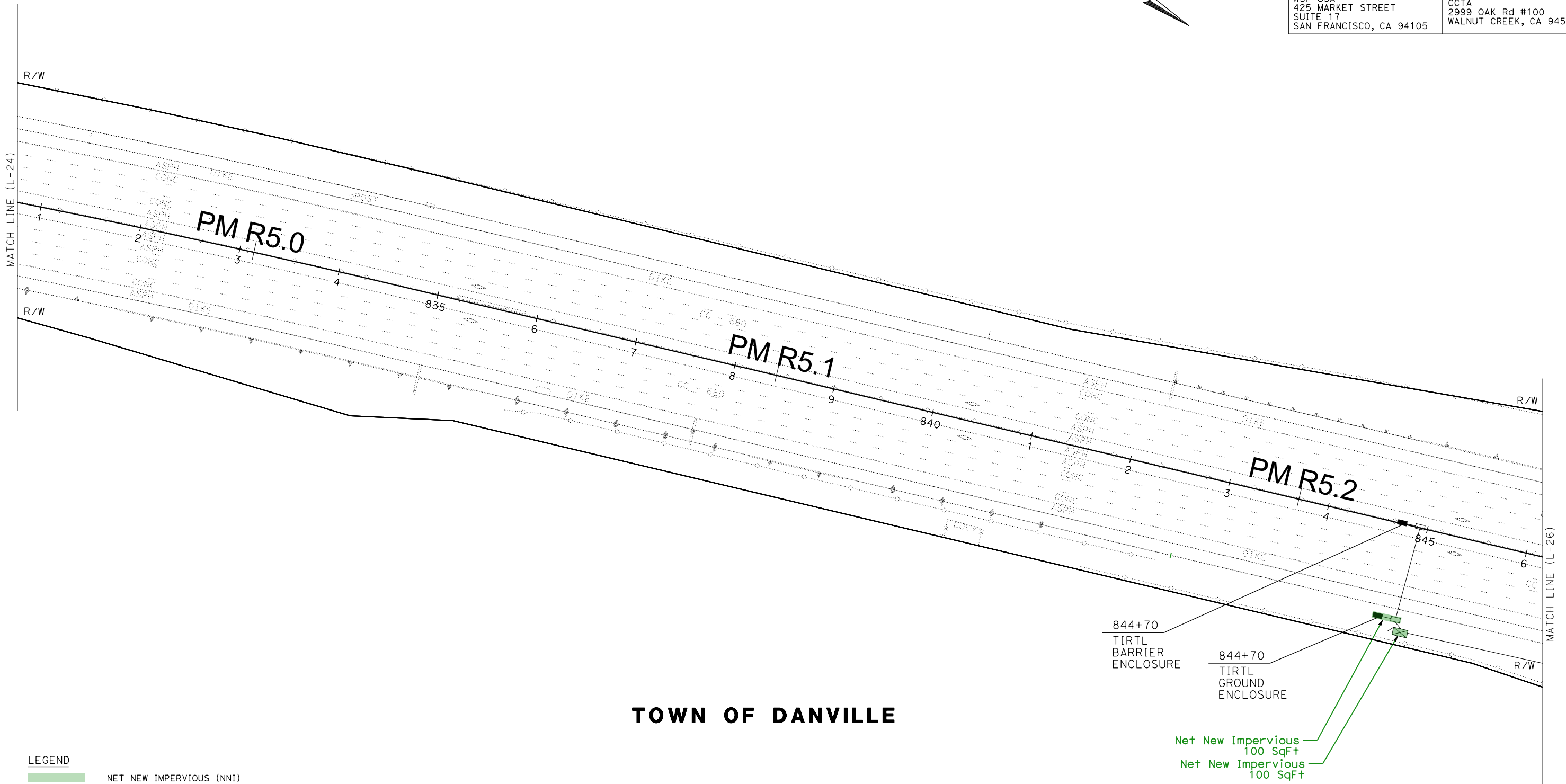
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	ANGELICA QUINTERO
			RICK BOTTCHEER
			DATE REVISED



TOWN OF DANVILLE

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

844+70
TIRTL
BARRIER
ENCLOSURE

844+70
TIRTL
GROUND
ENCLOSURE

Net New Impervious
100 SqFt

Net New Impervious
100 SqFt

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-25

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

LAST REVISION: DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:04

NOTE:

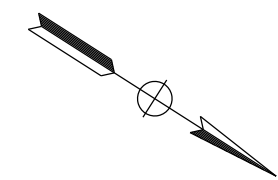
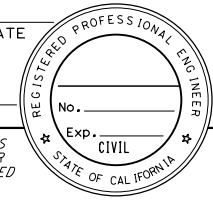
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2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

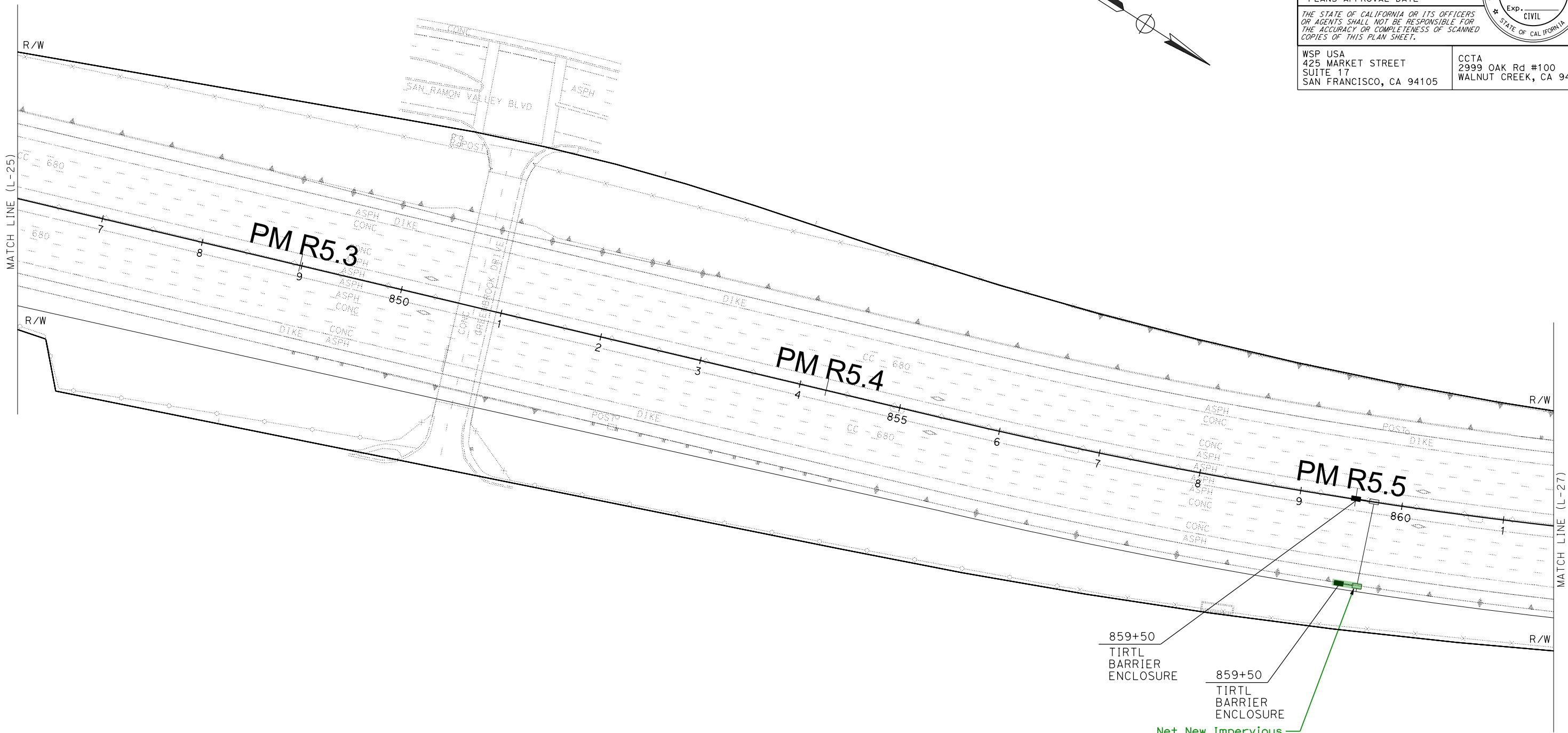
REGISTERED ELECTRICAL ENGINEER	DATE
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	DATE
		ANGELICA QUINTERO	REVISOR
		RICK BOTTCHEER	DATE



TOWN OF DANVILLE

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-26

LAST REVISION: DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:05

NOTE:

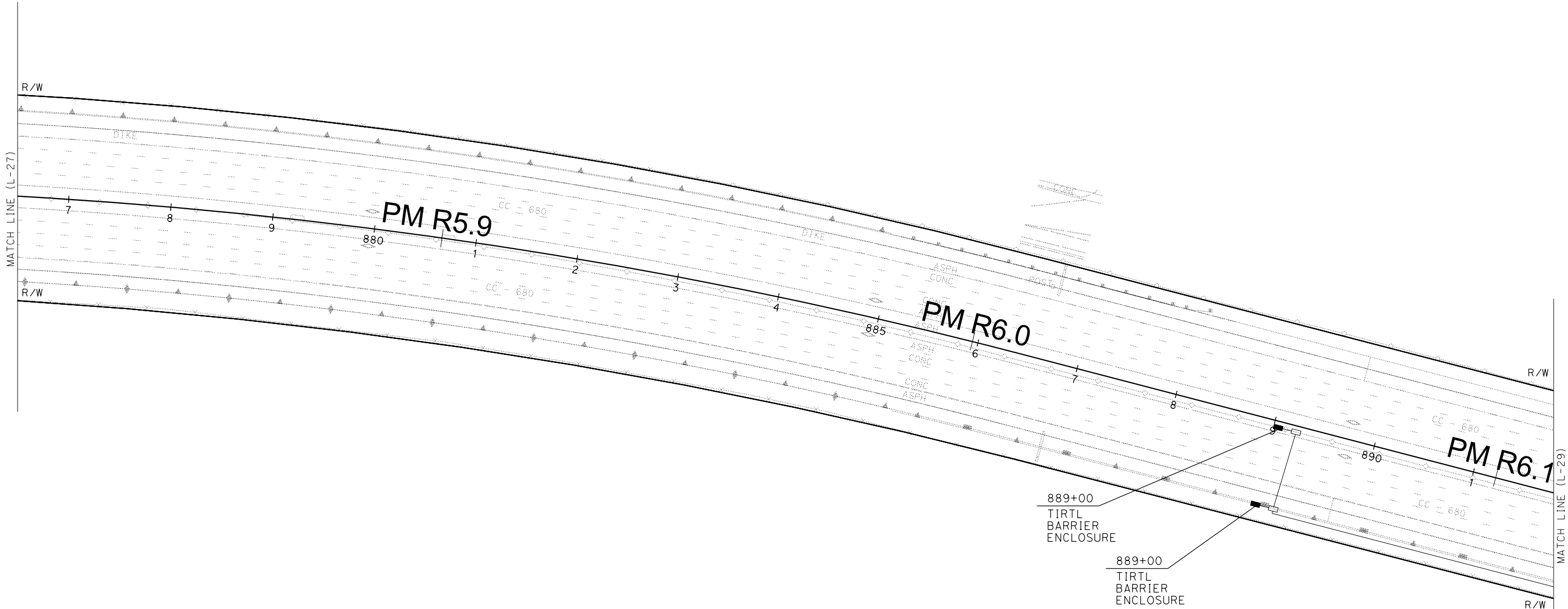
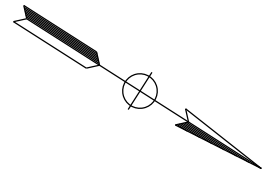
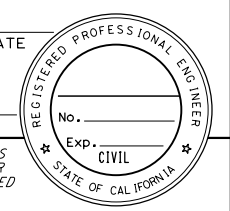
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



TOWN OF DANVILLE

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-28

LAST REVISION: DATE PLOTTED => 18-DEC-2023
00-00-00 TIME PLOTTED => 17:05

NOTE:

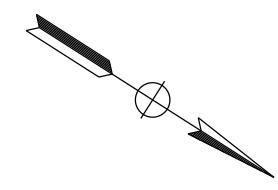
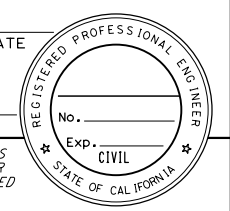
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

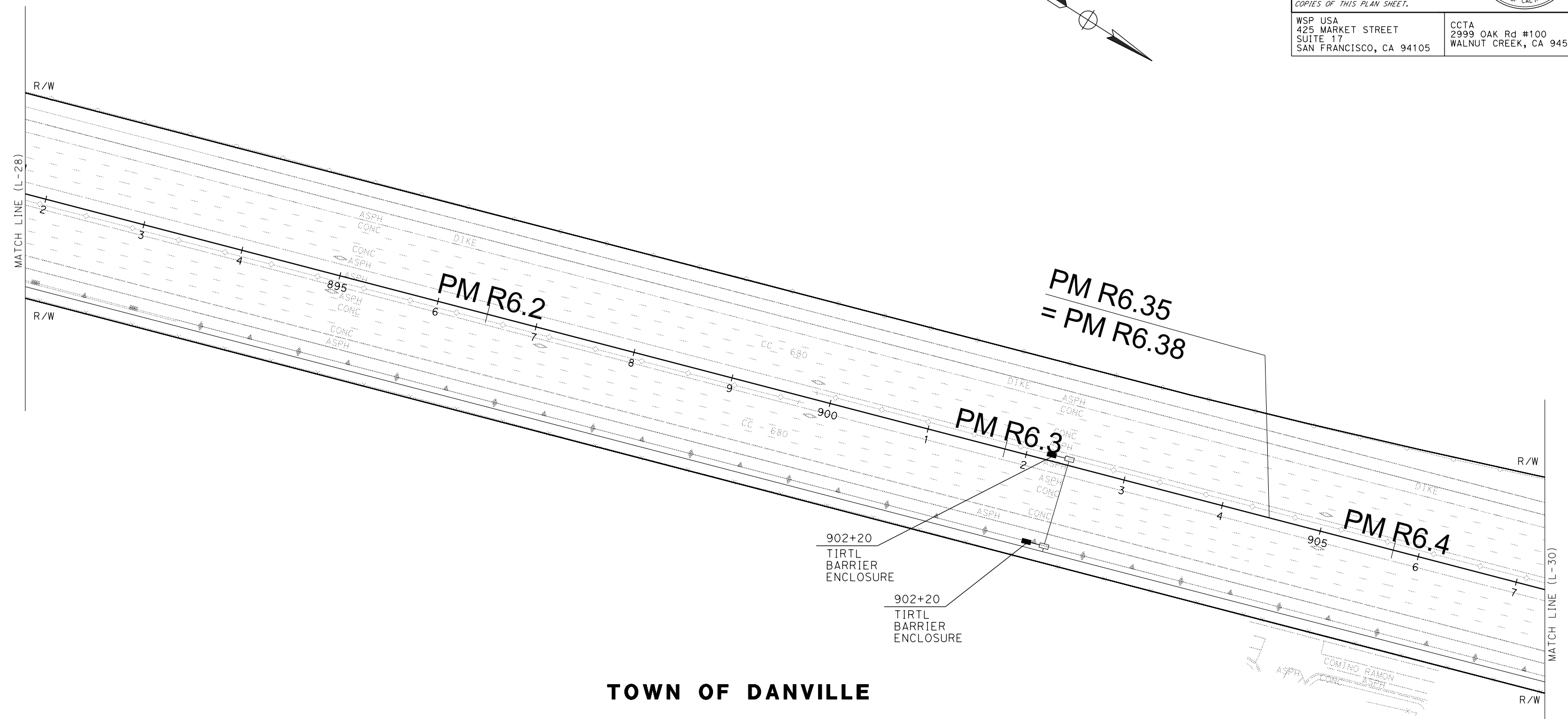
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

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WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR BY
Caltrans	CARLOS CAMPO	CHECKED BY	DATE REVISED
		ANGELICA QUINTERO	RICK BOTTCHEE



TOWN OF DANVILLE

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-29

LAST REVISION: DATE PLOTTED => 18-DEC-2023
00-00-00 TIME PLOTTED => 17:05

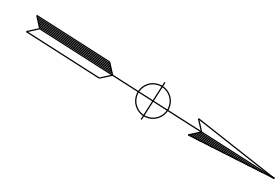
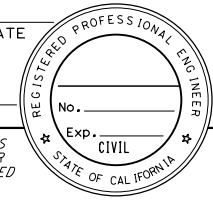
NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

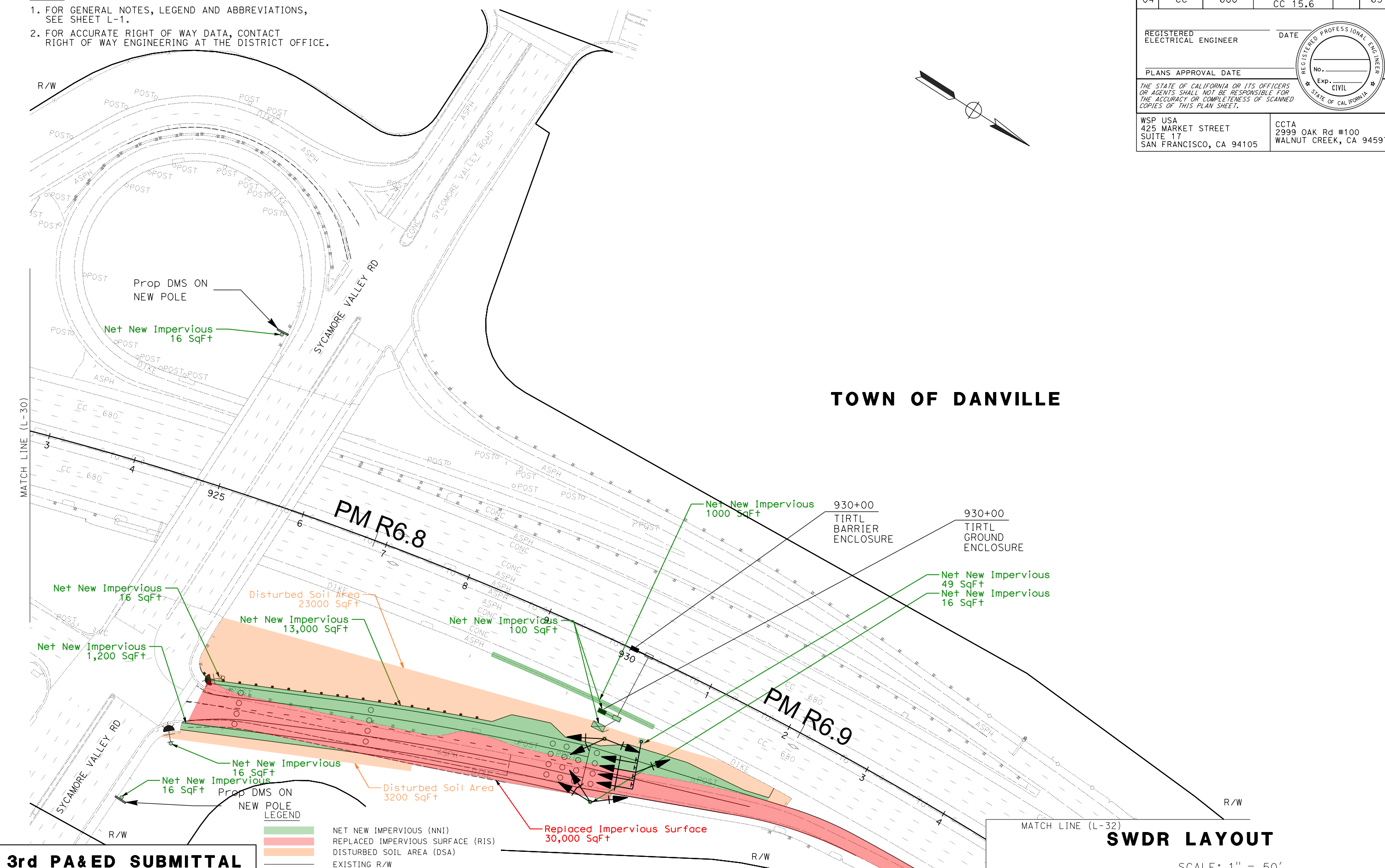
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Et-Caltans	CARLOS CAMPO	CHECKED BY	ANGELICA QUINTERO
			RICK BOTTCHEER
			DATE REVISED



TOWN OF DANVILLE

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-31

LAST REVISION DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:04

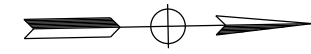
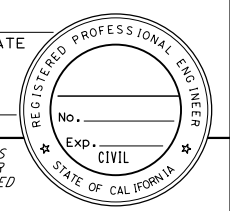
NOTE:

- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

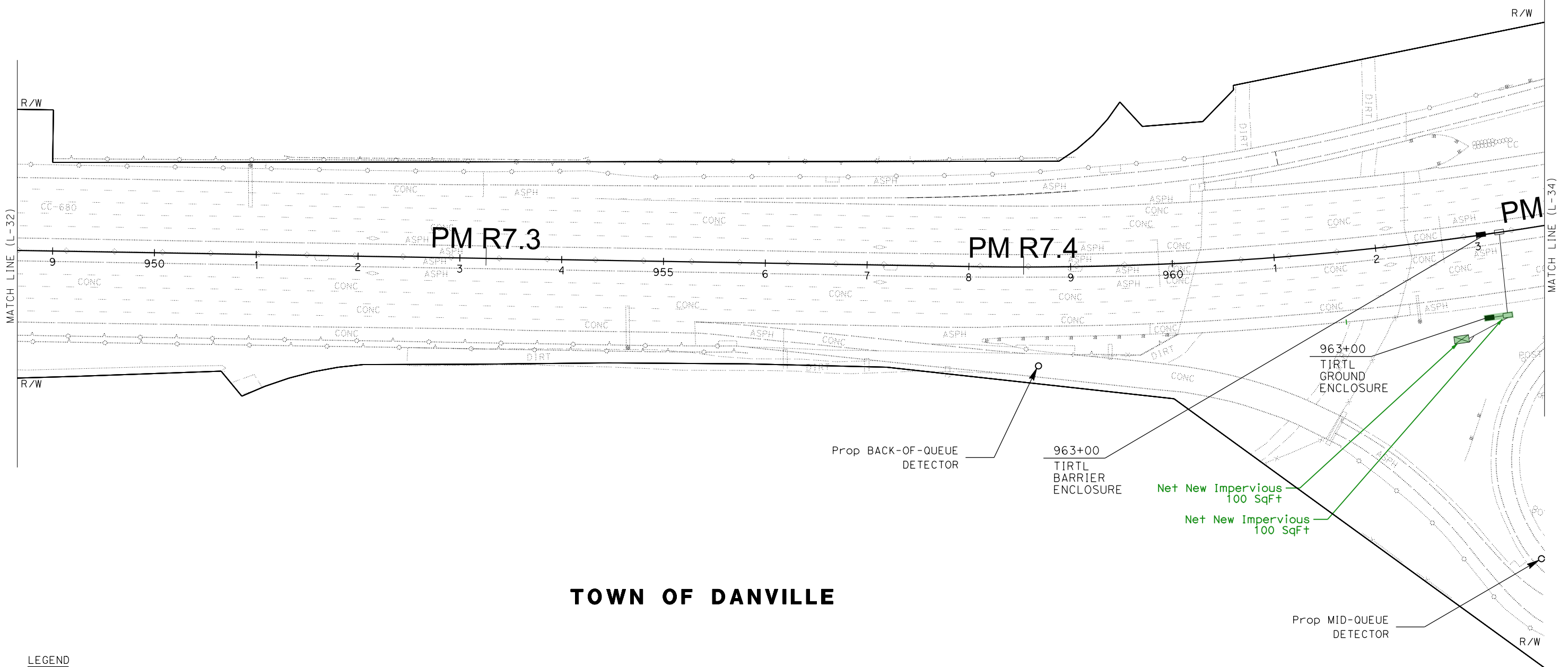
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Caltrans	CARLOS CAMPO	CHECKED BY	ANGELICA QUINTERO
			RICK BOTTCHE



TOWN OF DANVILLE

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-33

LAST REVISION: DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:05

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

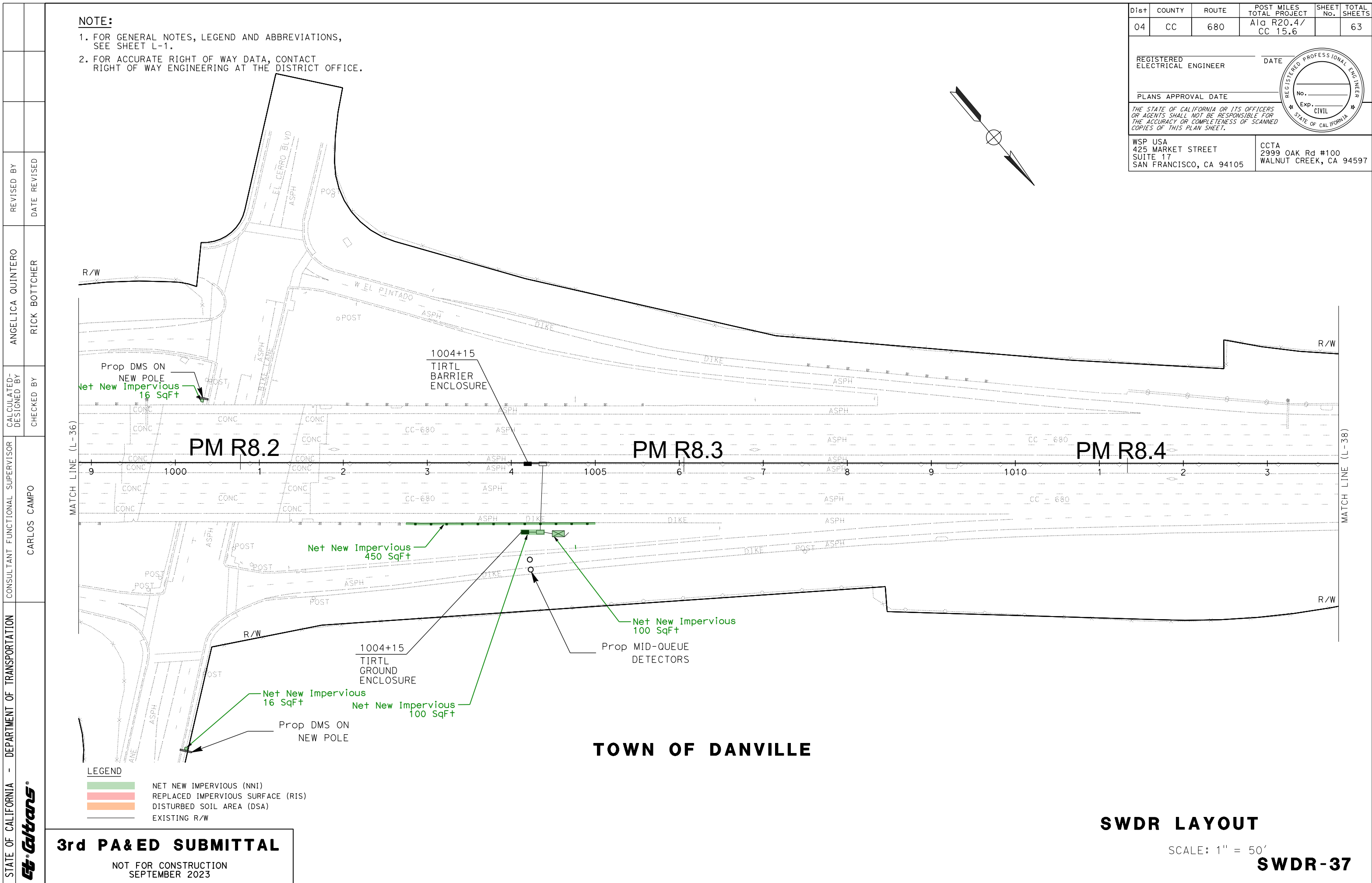
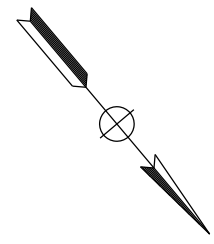
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

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TOWN OF DANVILLE

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-37

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

LAST REVISION: DATE PLOTTED => 18-DEC-2023
00-00-00 TIME PLOTTED => 17:05

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

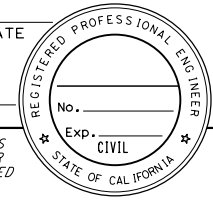
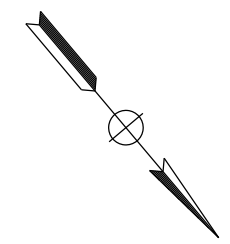
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

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CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

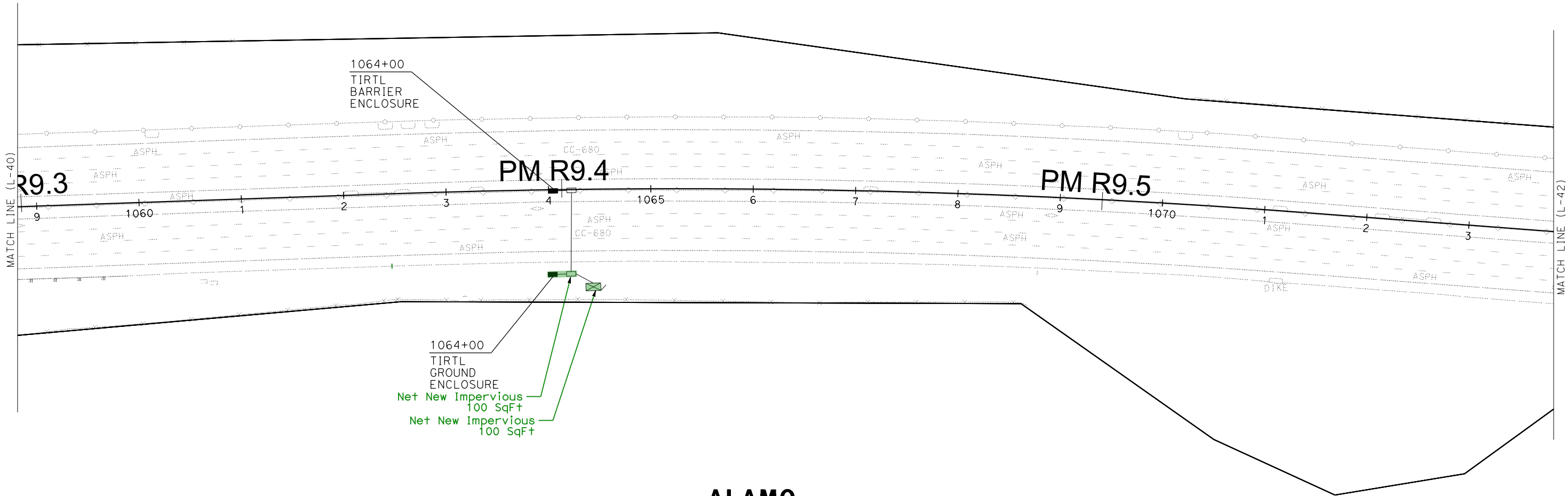
CONSULTANT FUNCTIONAL SUPERVISOR: CARLOS CAMPO

CALCULATED/DESIGNED BY: ANGELICA QUINTERO

CHECKED BY: RICK BOTTCHEER





REVISED BY: _____

DATE REVISED: _____



ALAMO
(UNINCORPORATED CONTRA COSTA COUNTY)

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-41

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

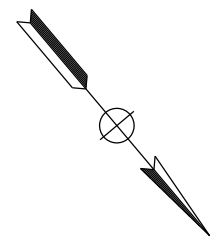
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA
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CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

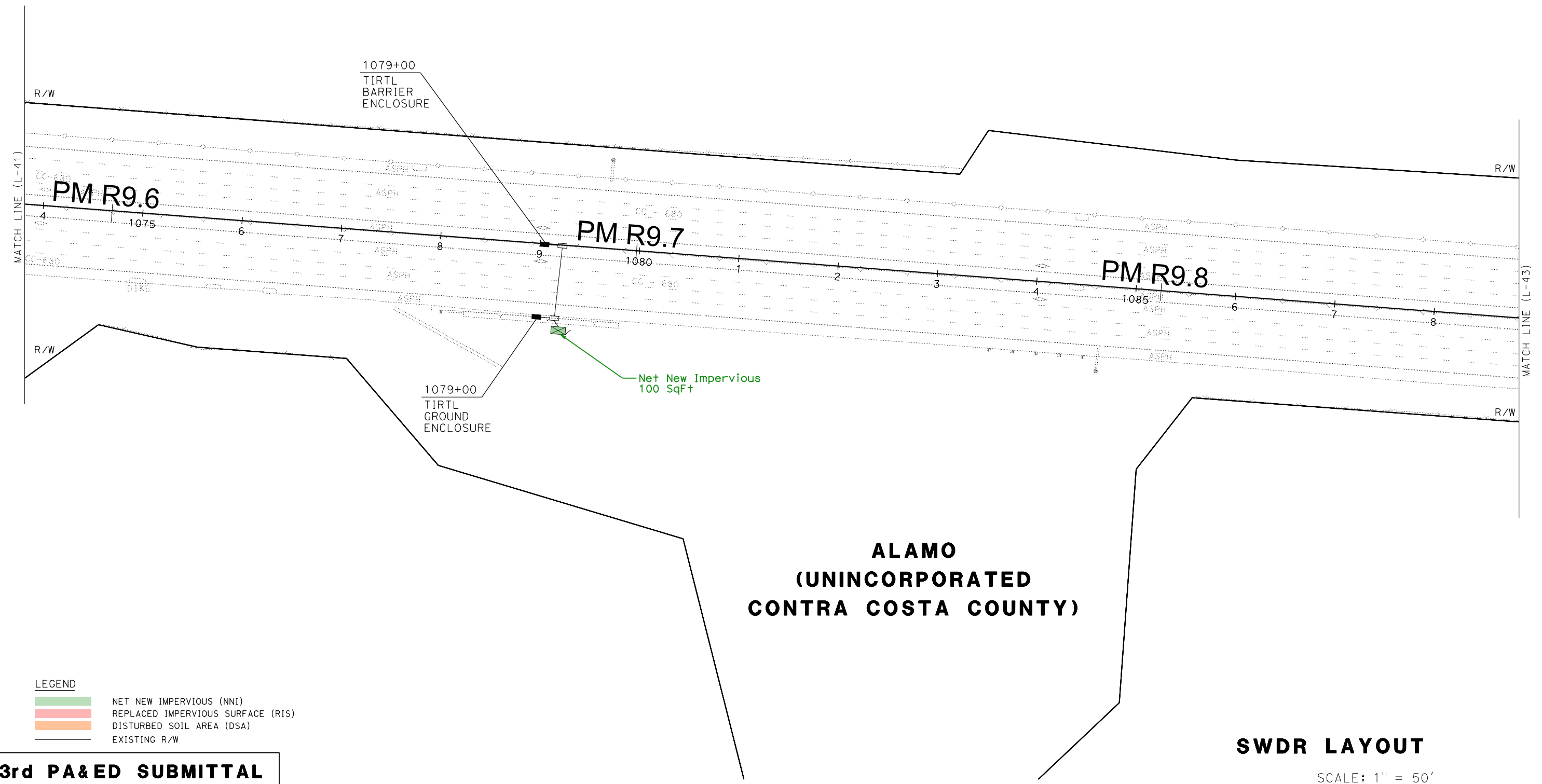
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR CARLOS CAMPO

CALCULATED-DESIGNED BY CHECKED BY

ANGELICA QUINTERO RICK BOTTTCHER

REVISED BY DATE REVISED



**ALAMO
(UNINCORPORATED
CONTRA COSTA COUNTY)**

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-42

LAST REVISION DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:06

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

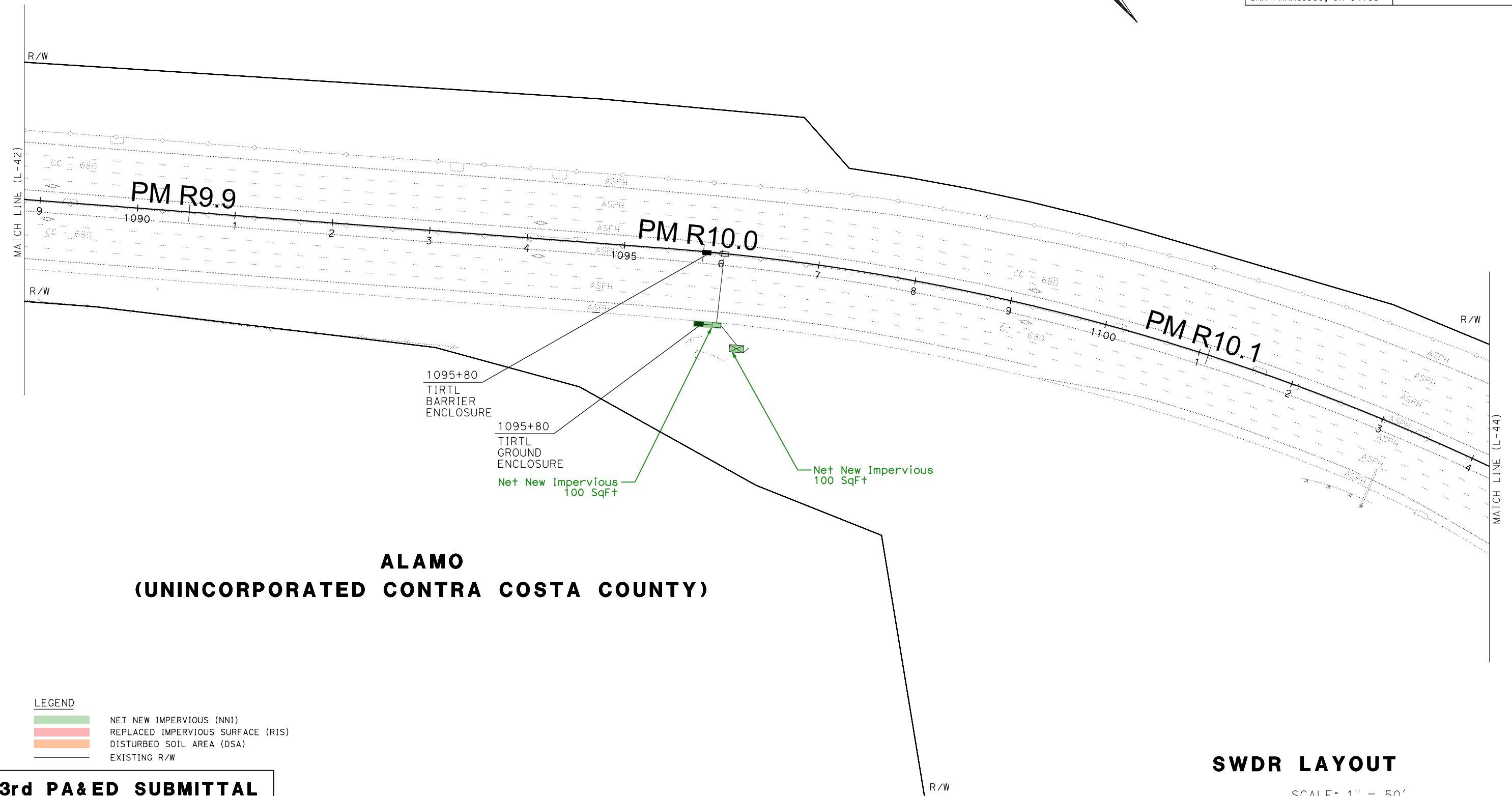
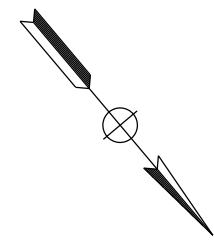
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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WALNUT CREEK, CA 94597



**ALAMO
(UNINCORPORATED CONTRA COSTA COUNTY)**

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-43

LAST REVISION DATE PLOTTED => 18-DEC-2023
00-00-00 TIME PLOTTED => 17:06

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

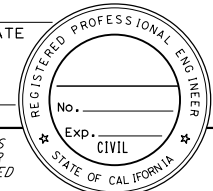
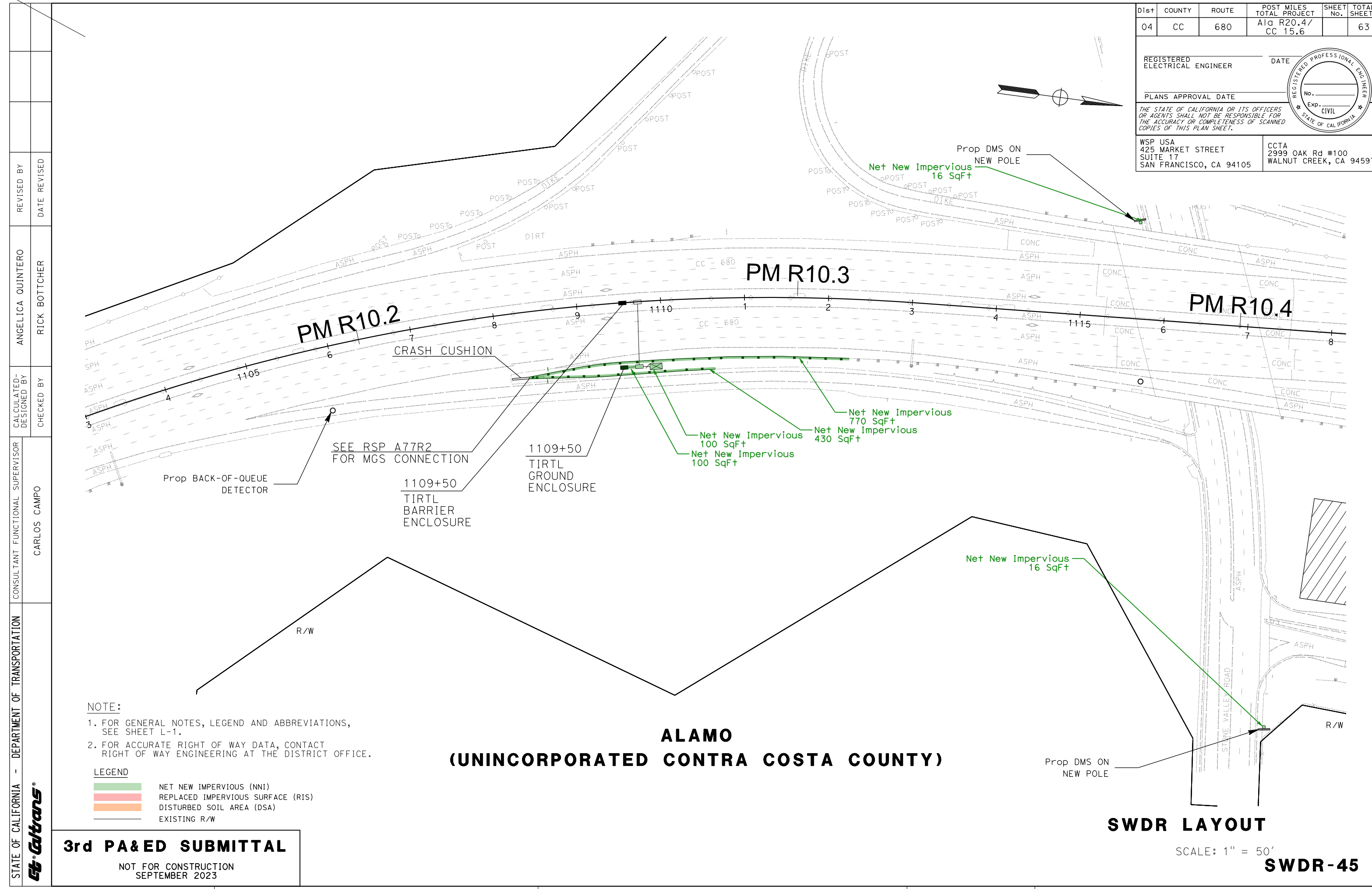
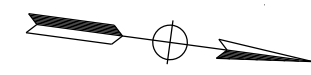
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

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WSP USA
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SUITE 17
SAN FRANCISCO, CA 94105

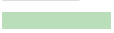



CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597

NOTE:

- FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.


LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

**ALAMO
(UNINCORPORATED CONTRA COSTA COUNTY)**

SWDR LAYOUT
SCALE: 1" = 50'
SWDR-45

3rd PA&ED SUBMITTAL
NOT FOR CONSTRUCTION
SEPTEMBER 2023

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	REVISOR BY
	CARLOS CAMPO	ANGELICA QUINTERO	RICK BOTTCHEER

LAST REVISION: DATE PLOTTED => 18-DEC-2023
00-00-00 TIME PLOTTED => 17:06

NOTE:

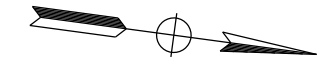
1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

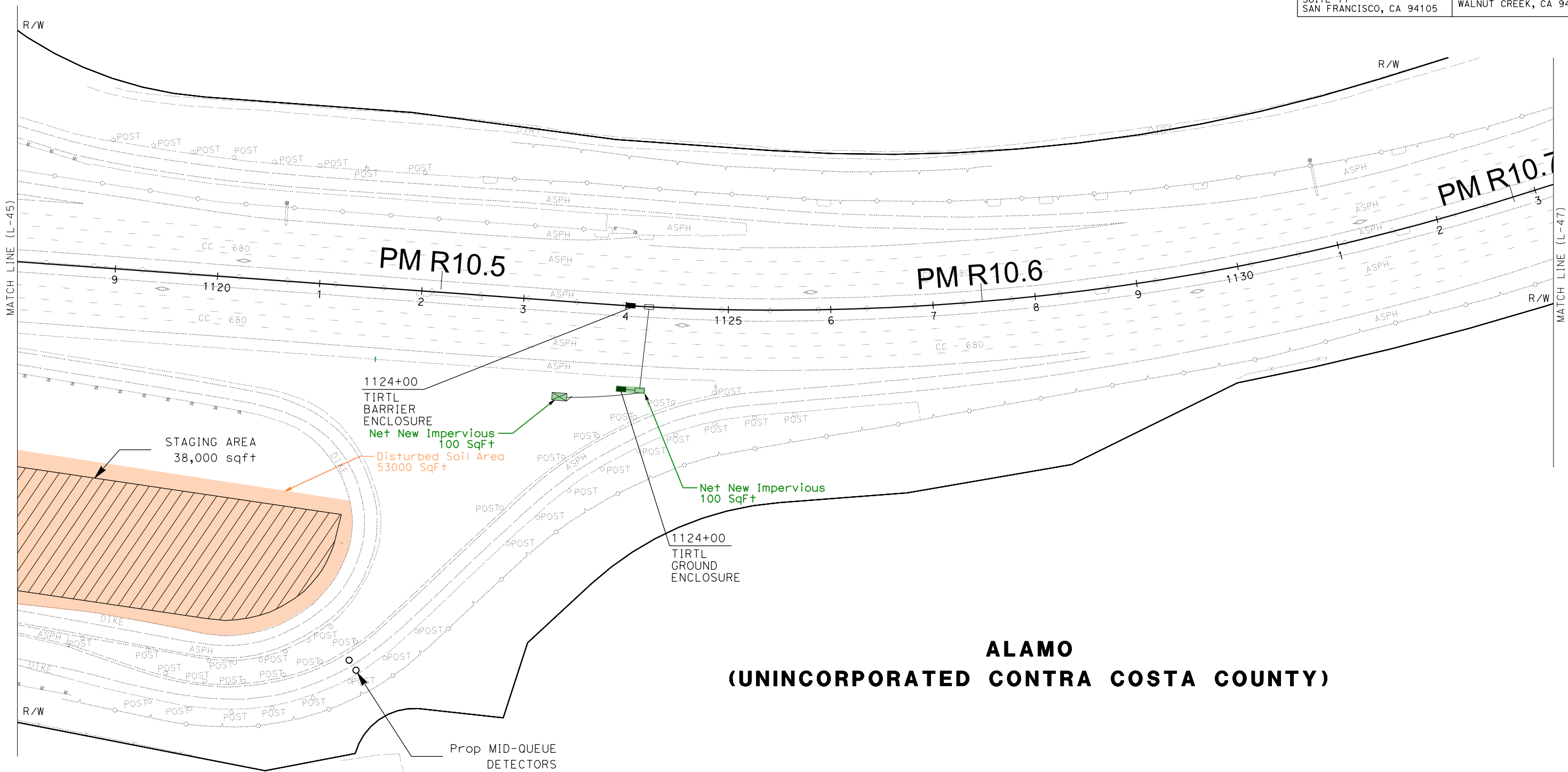
REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR BY
Caltrans	CARLOS CAMPO	CHECKED BY	ANGELICA QUINTERO
			RICK BOTTCHER



LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

**ALAMO
(UNINCORPORATED CONTRA COSTA COUNTY)**

SWDR LAYOUT
SCALE: 1" = 50'
SWDR-46

3rd PA&ED SUBMITTAL
NOT FOR CONSTRUCTION
SEPTEMBER 2023

LAST REVISION DATE PLOTTED => 18-DEC-2023
00-00-00 TIME PLOTTED => 17:05

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

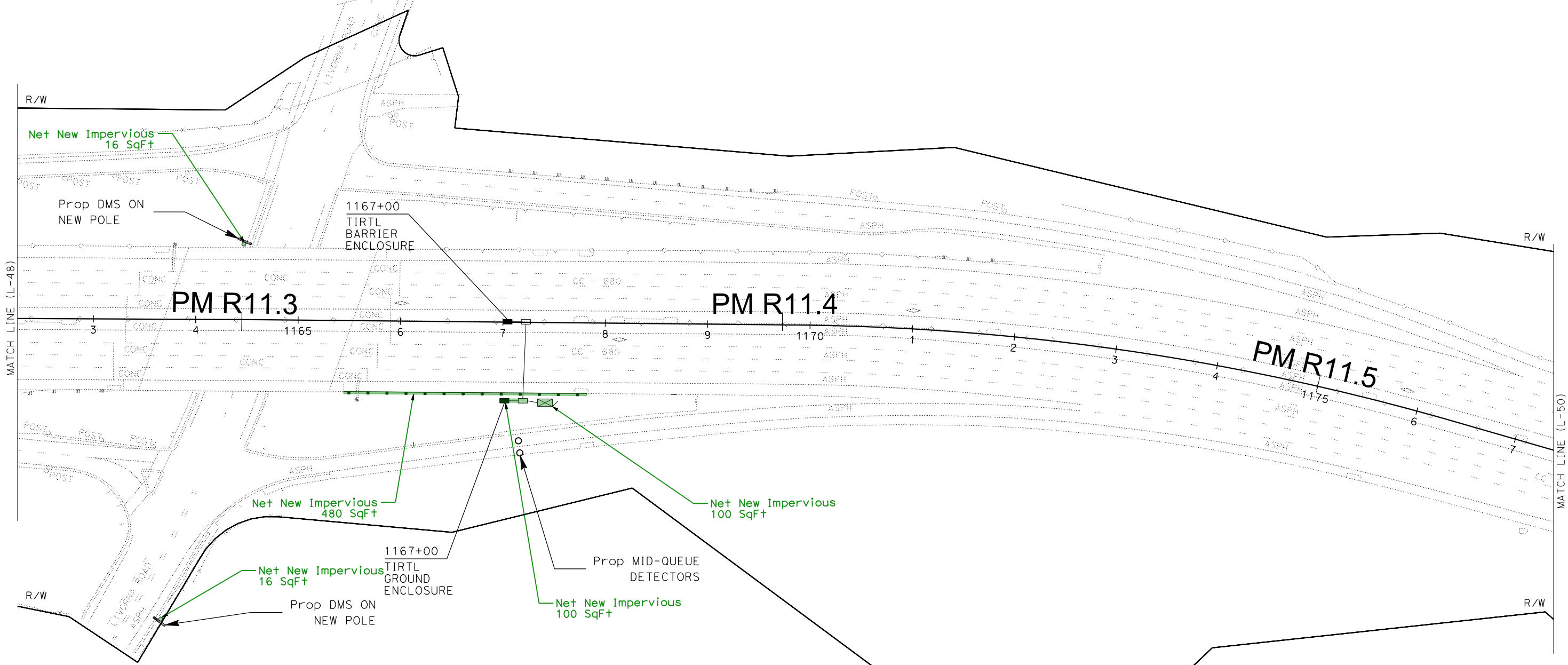
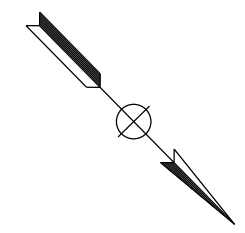
REGISTERED ELECTRICAL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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425 MARKET STREET
SUITE 17
SAN FRANCISCO, CA 94105

CCTA
2999 OAK Rd #100
WALNUT CREEK, CA 94597



LEGEND

■	NET NEW IMPERVIOUS (NNI)
■	REPLACED IMPERVIOUS SURFACE (RIS)
■	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

**ALAMO
(UNINCORPORATED CONTRA COSTA COUNTY)**

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-49

LAST REVISION DATE PLOTTED => 18-DEC-2023 00-00-00 TIME PLOTTED => 17:05

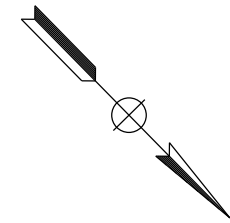
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

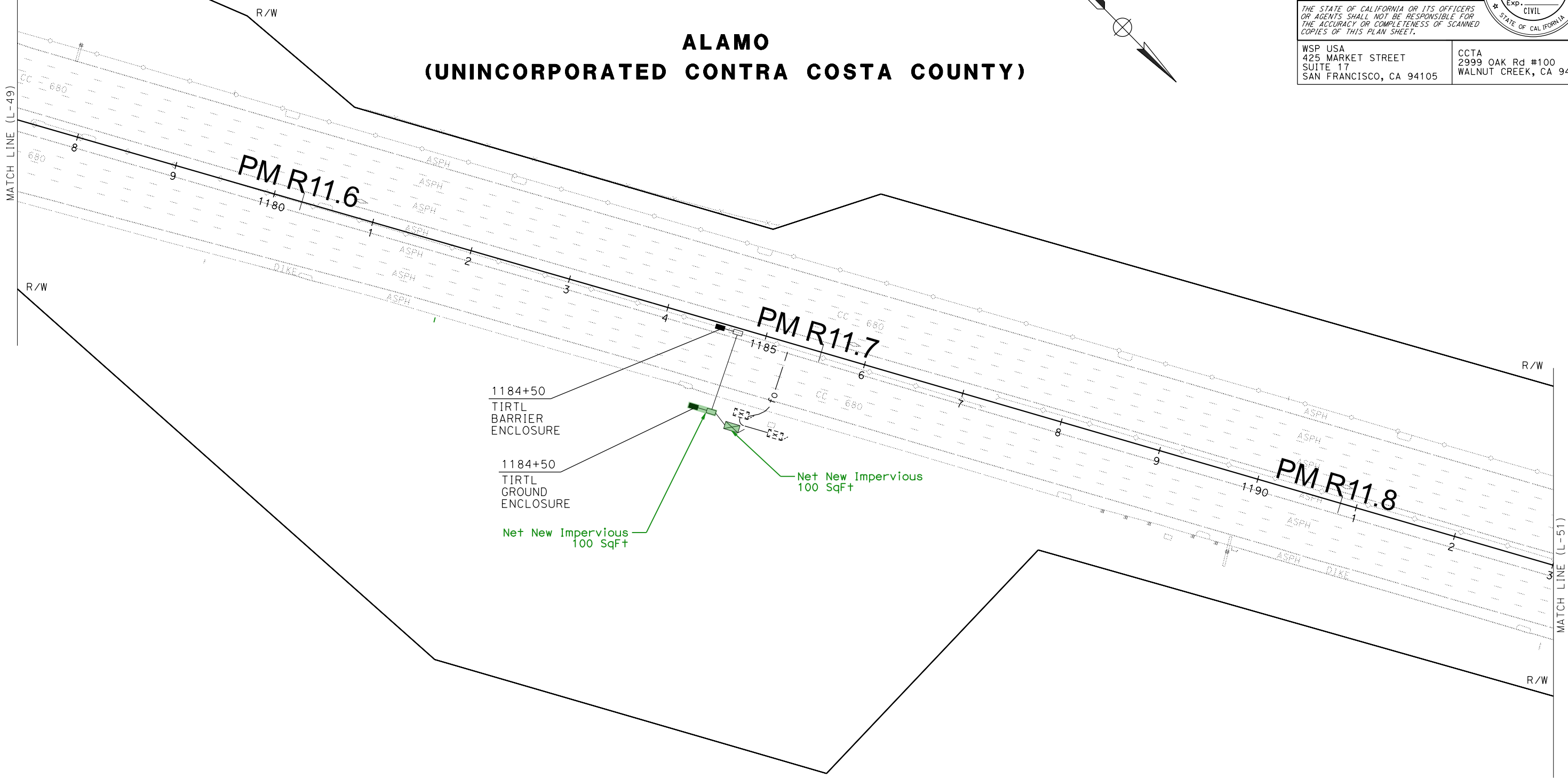
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WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
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NOTE:
 1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



ALAMO (UNINCORPORATED CONTRA COSTA COUNTY)



CITY OF WALNUT CREEK

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

3rd PA&ED SUBMITTAL

NOT FOR CONSTRUCTION
SEPTEMBER 2023

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-50

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
ANGELICA QUINTERO	REVISOR	DATE
RICK BOTTCHEER	REVISOR	DATE
CALCULATED/DESIGNED BY	CHECKED BY	
CARLOS CAMPO		

NOTE:

1. FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET L-1.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

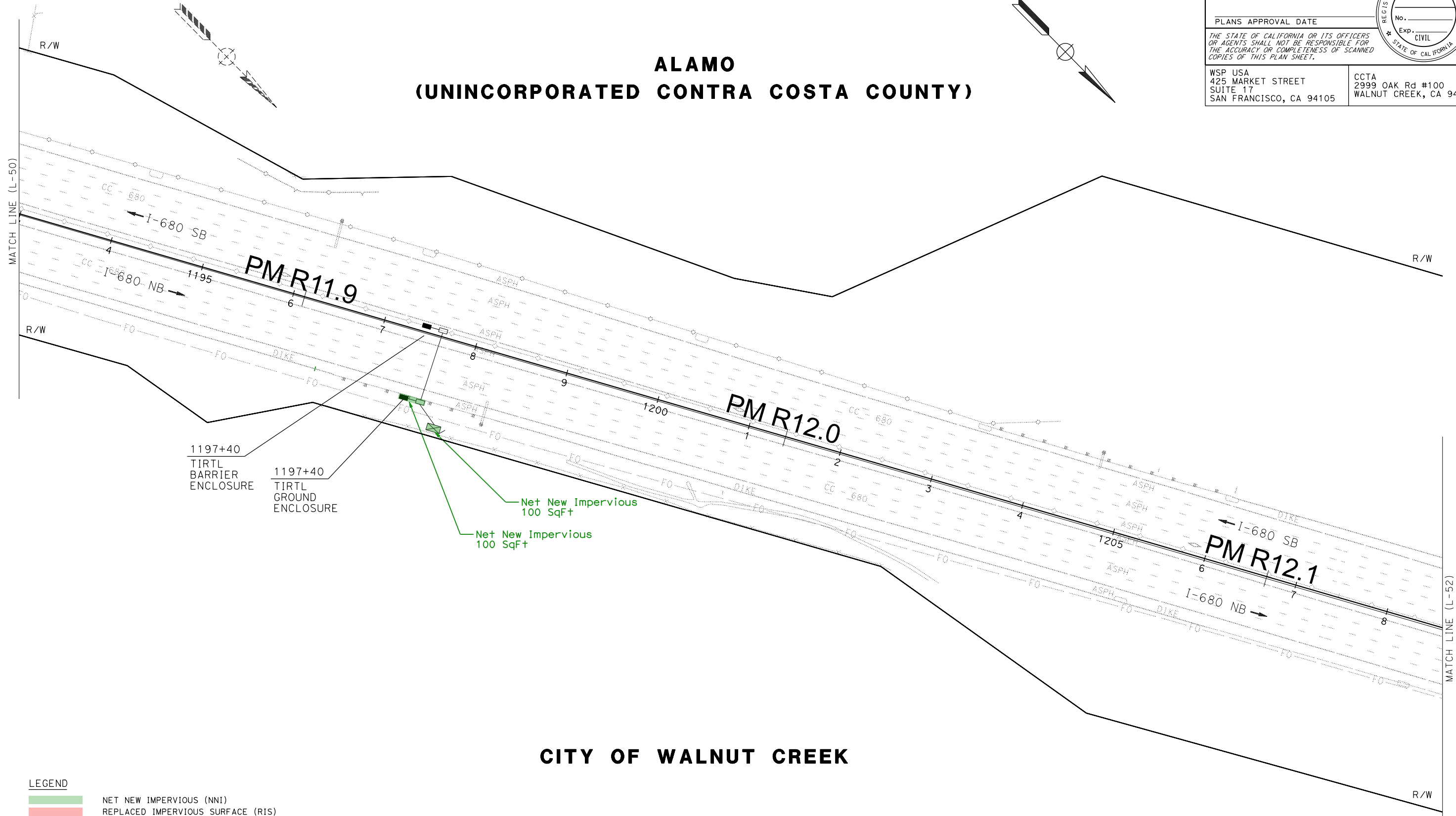
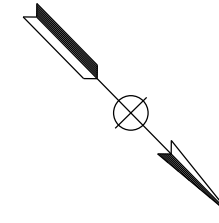
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

REGISTERED ELECTRICAL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WSP USA 425 MARKET STREET SUITE 17 SAN FRANCISCO, CA 94105	CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597
---	--

ALAMO (UNINCORPORATED CONTRA COSTA COUNTY)



CITY OF WALNUT CREEK

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

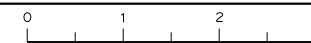
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SWDR LAYOUT

SCALE: 1" = 50'

SWDR-51



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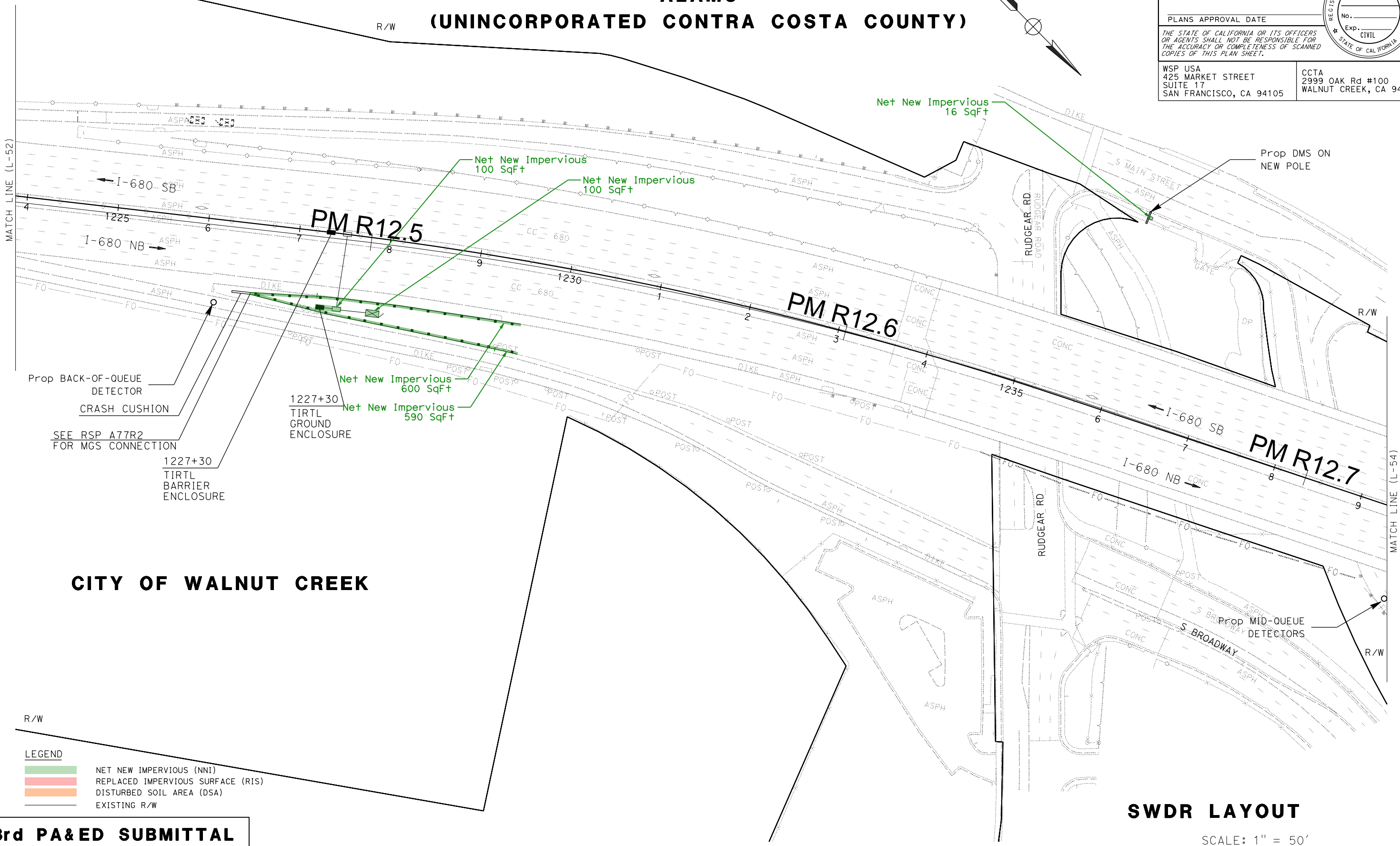
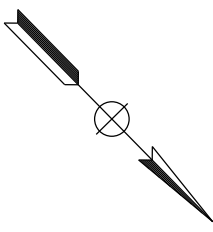
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

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PLANS APPROVAL DATE	

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ALAMO (UNINCORPORATED CONTRA COSTA COUNTY)



CITY OF WALNUT CREEK

LEGEND

- NET NEW IMPERVIOUS (NNI)
- REPLACED IMPERVIOUS SURFACE (RIS)
- DISTURBED SOIL AREA (DSA)
- EXISTING R/W

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SWDR LAYOUT

SCALE: 1" = 50'

SWDR-53

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CARLOS CAMPO		



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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Alc R20.4/ CC 15.6		63

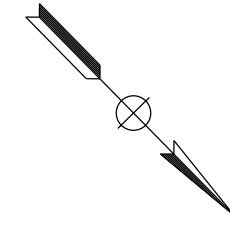
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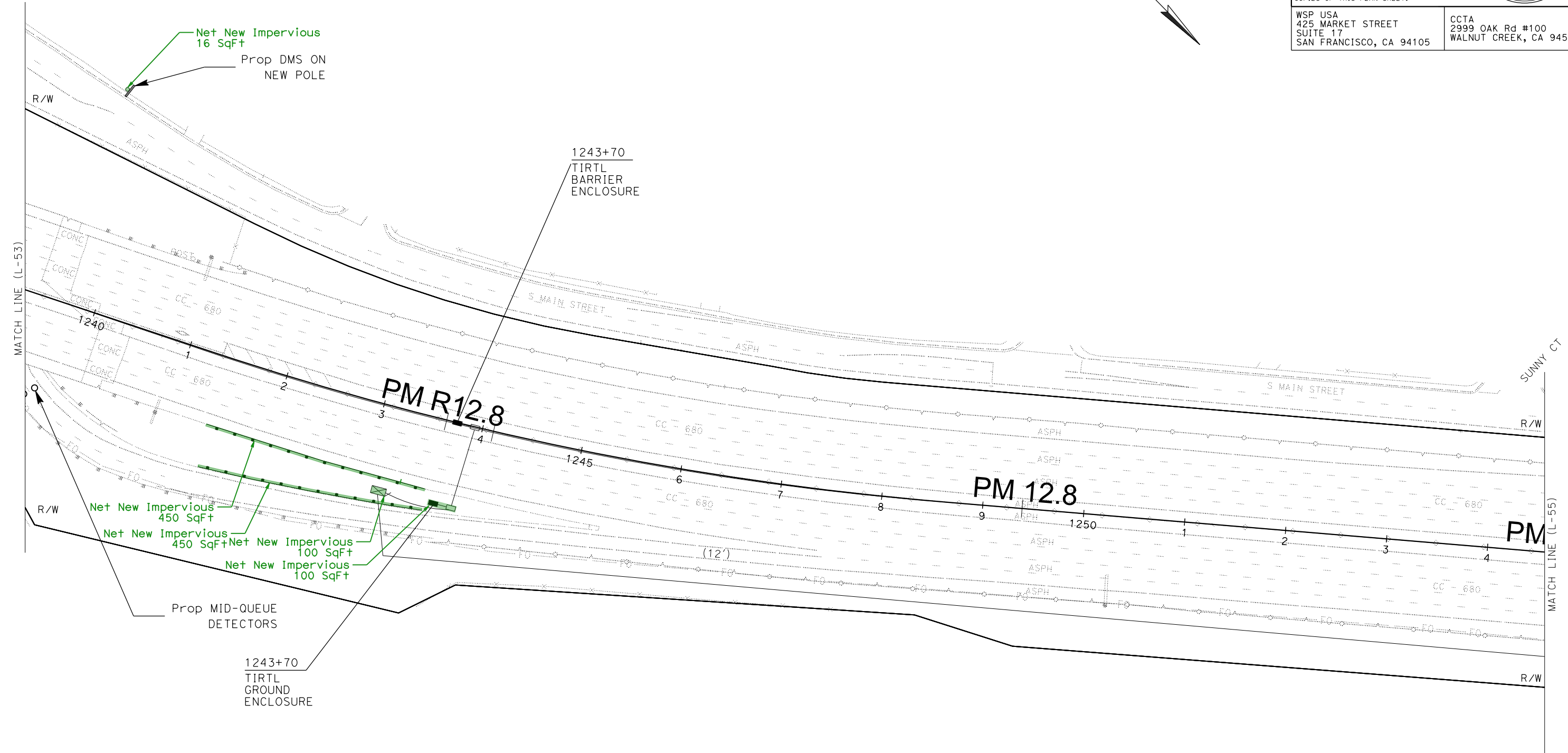
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LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

CITY OF WALNUT CREEK

SWDR LAYOUT

SCALE: 1" = 50'

SWDR-54

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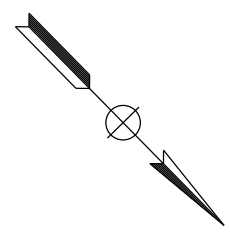
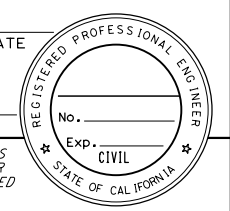
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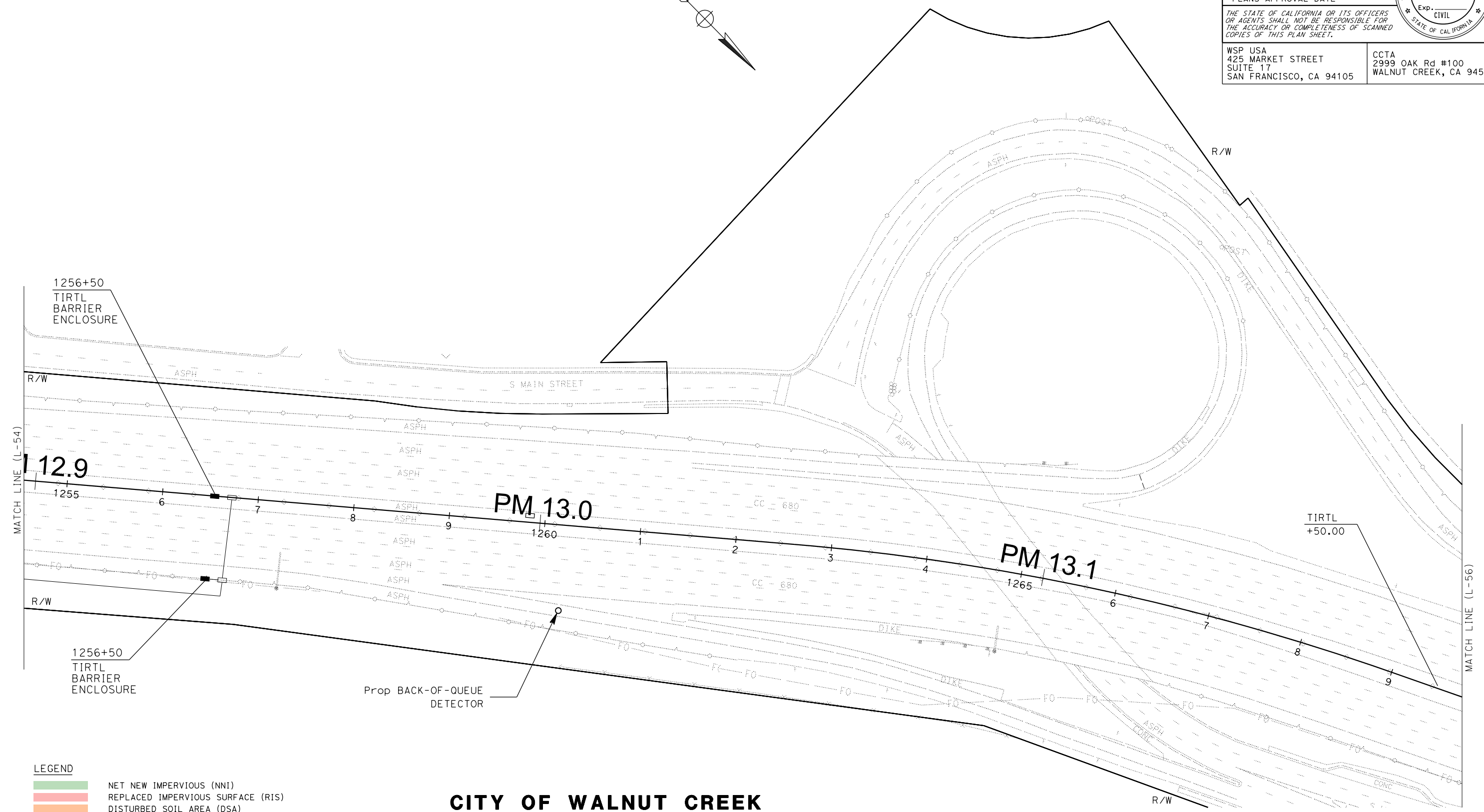
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			RICK BOTTCHE



LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

CITY OF WALNUT CREEK

SWDR LAYOUT
 SCALE: 1" = 50'
SWDR-55

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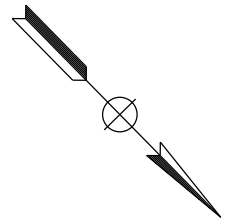
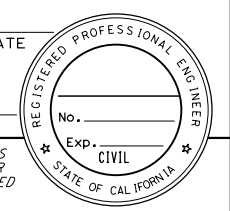
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04	CC	680	A/c R20.4/ CC 15.6		63

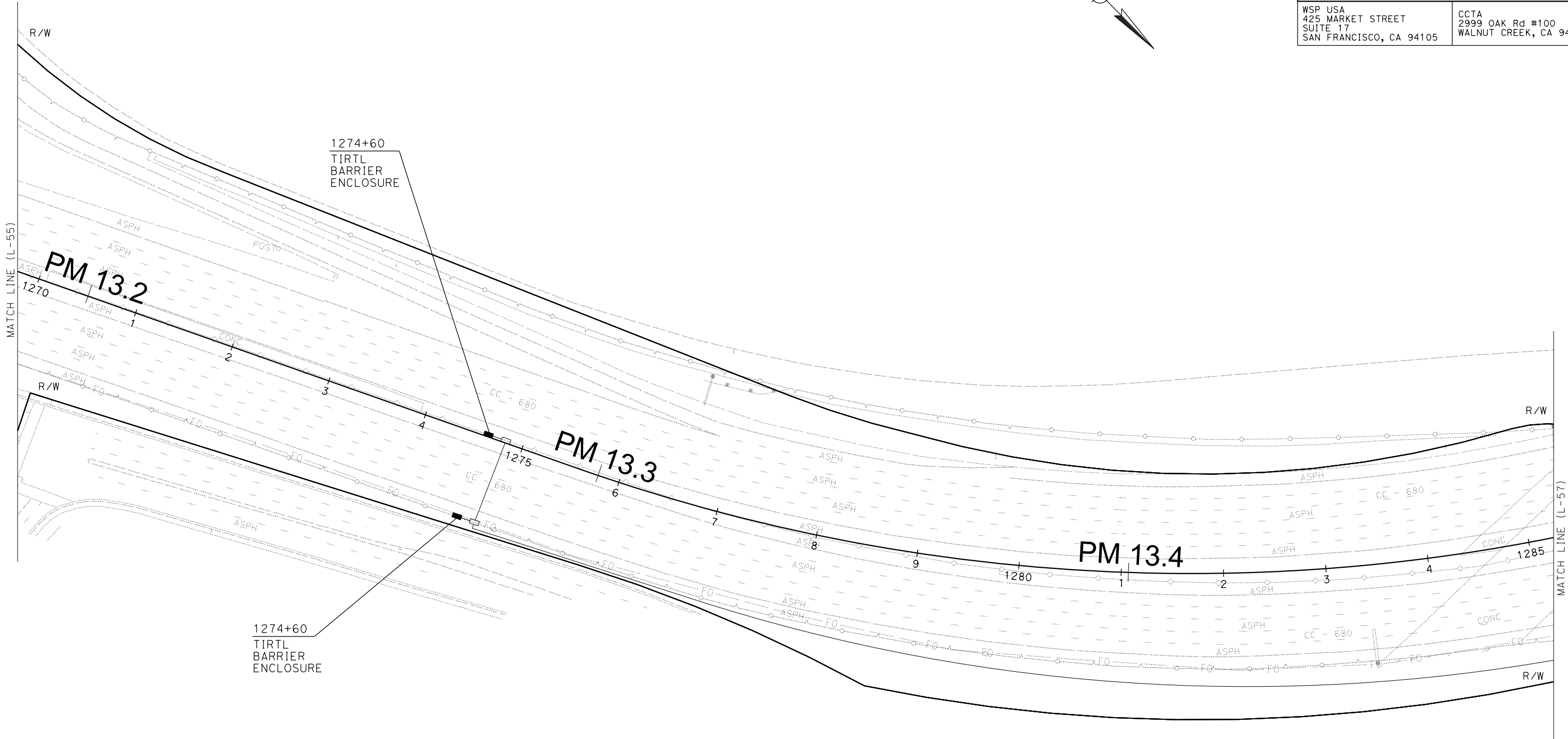
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	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

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SWDR LAYOUT

SCALE: 1" = 50'

SWDR-56

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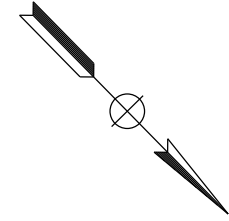
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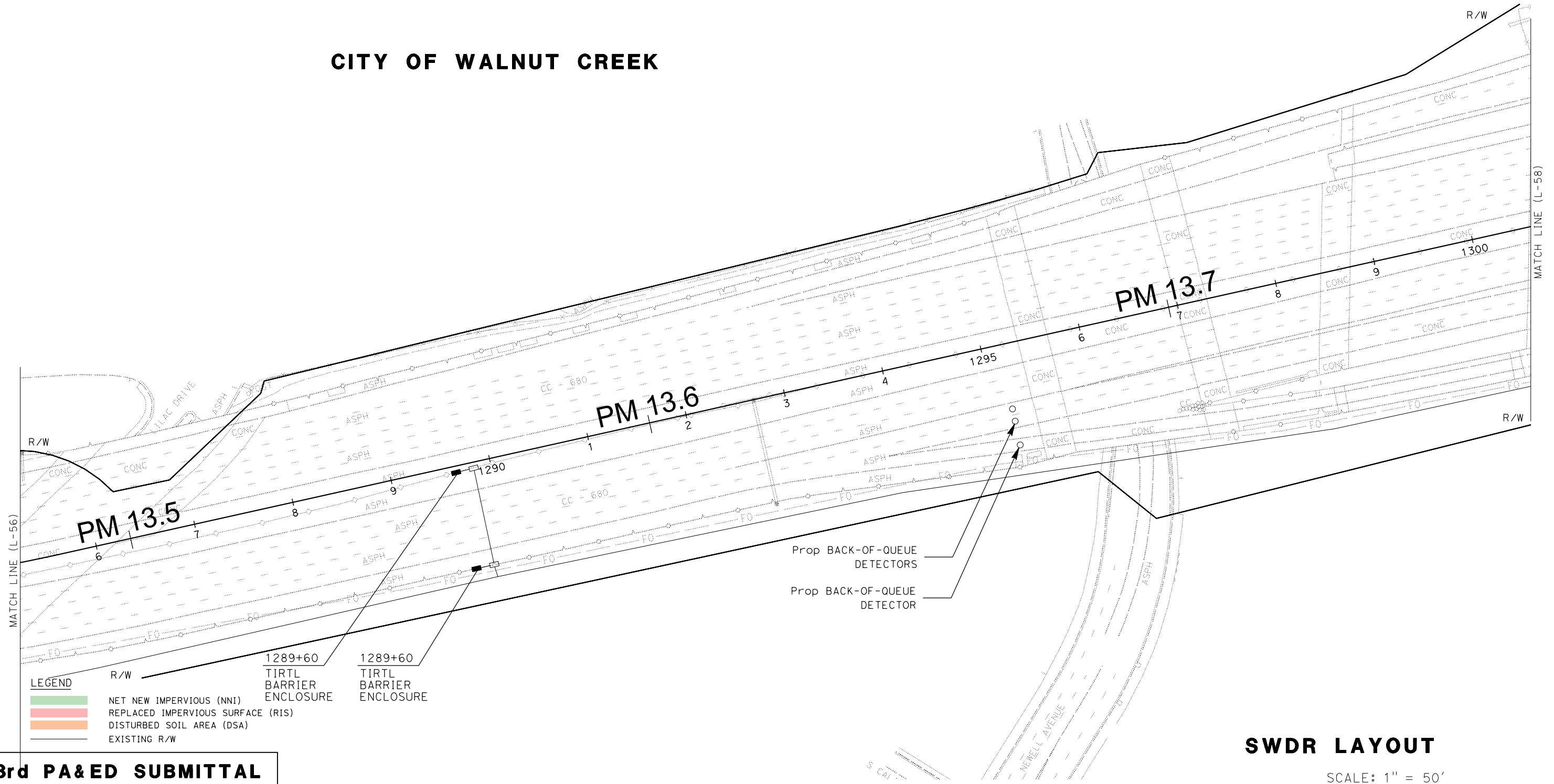
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LEGEND

- NET NEW IMPERVIOUS (NNI)
- REPLACED IMPERVIOUS SURFACE (RIS)
- DISTURBED SOIL AREA (DSA)
- EXISTING R/W
- TIRTL BARRIER ENCLOSURE

Prop BACK-OF-QUEUE DETECTORS

Prop BACK-OF-QUEUE DETECTOR

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SWDR LAYOUT

SCALE: 1" = 50'

SWDR-57

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		RICK BOTTTCHER	DATE

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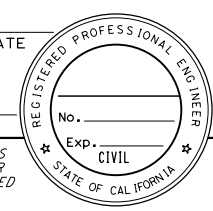
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	Ald R20.4/ CC 15.6		63

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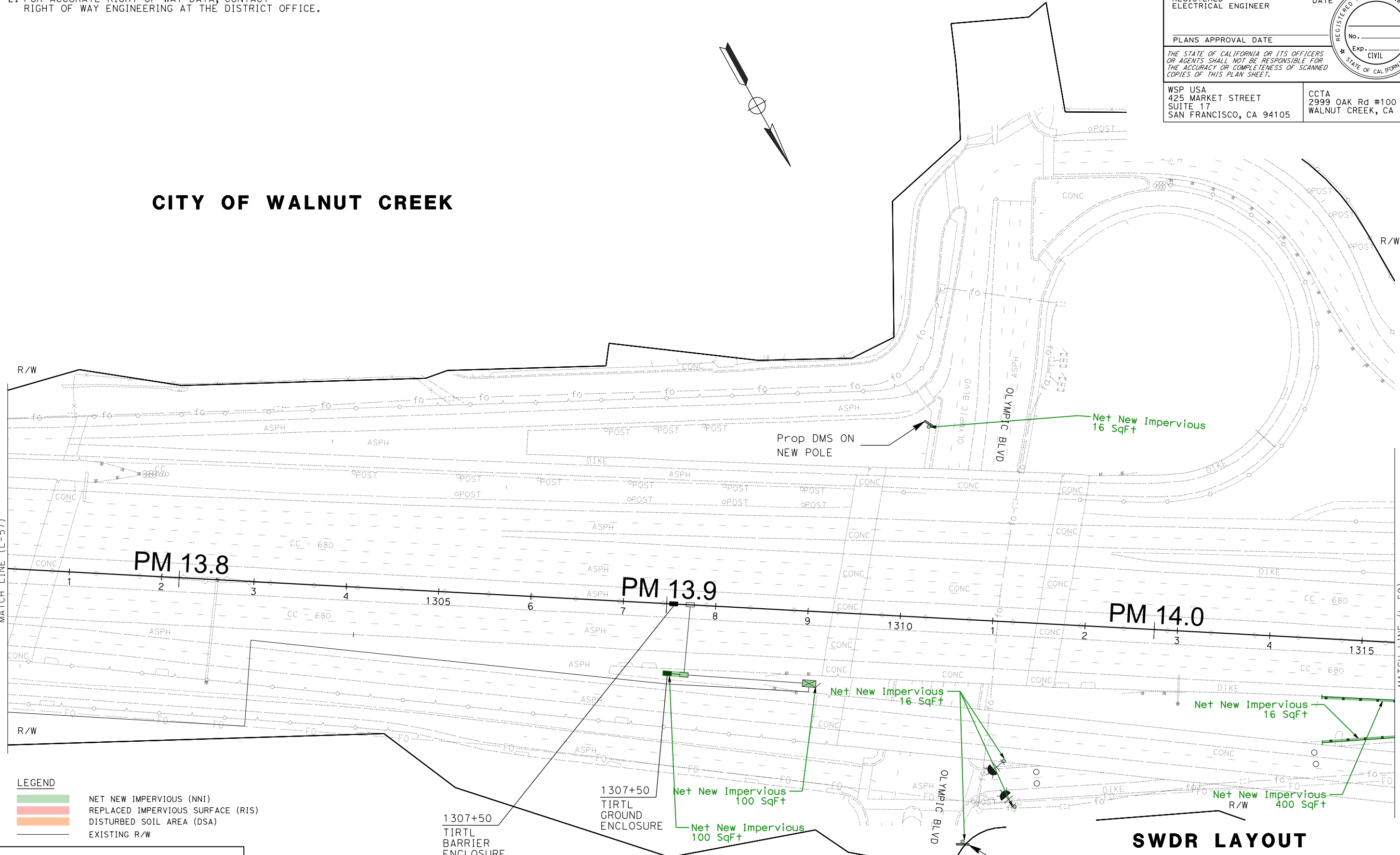
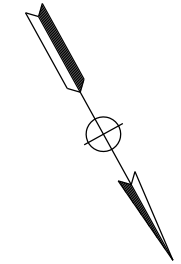
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LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

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SWDR LAYOUT

SCALE: 1" = 50'

SWDR-58

NOTE:

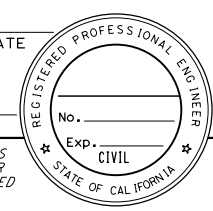
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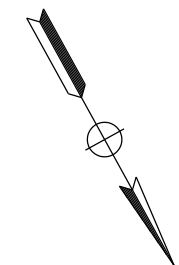
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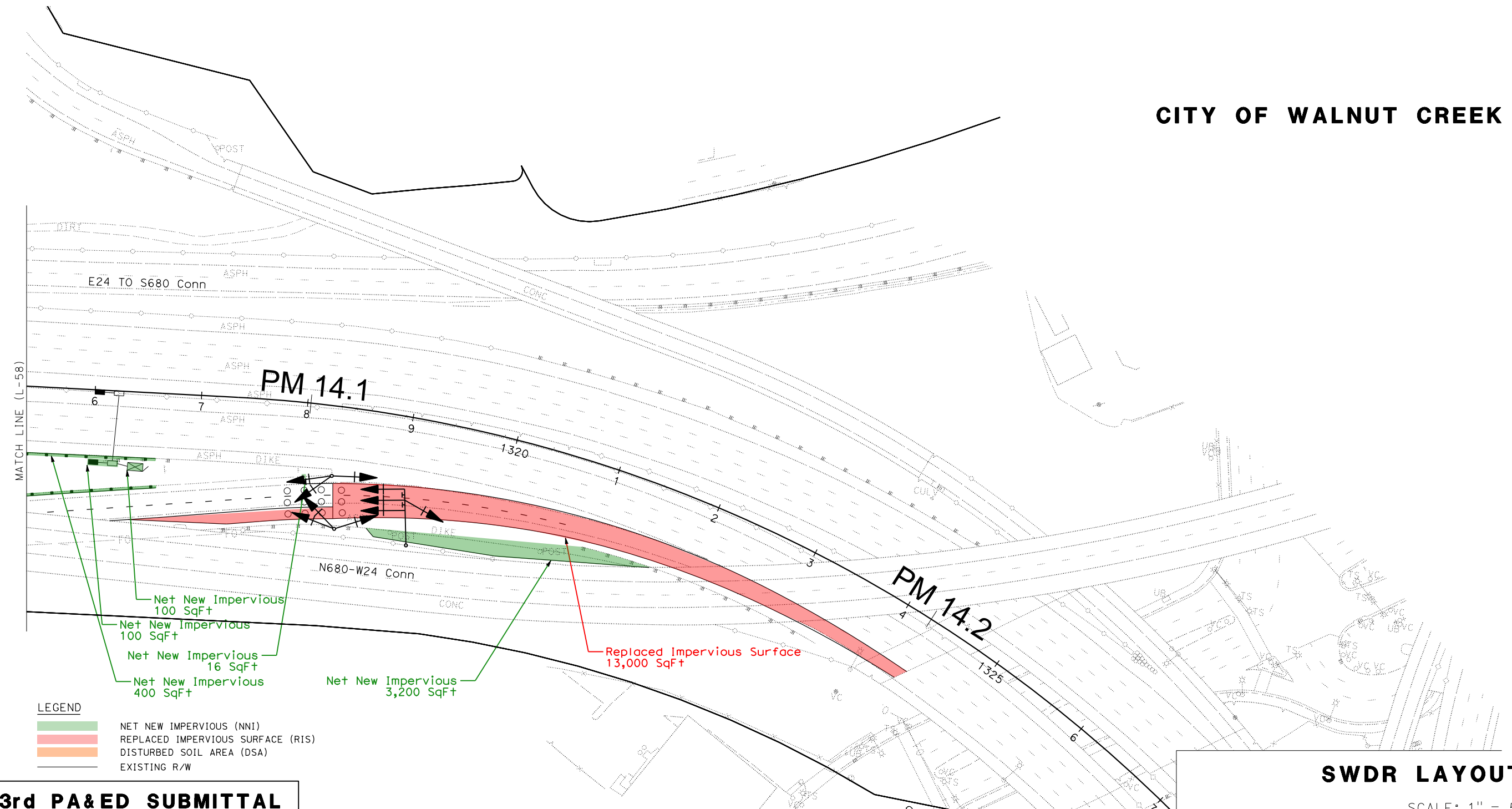


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CITY OF WALNUT CREEK



Net New Impervious 100 SqFt
 Net New Impervious 100 SqFt
 Net New Impervious 16 SqFt
 Net New Impervious 400 SqFt
 Net New Impervious 3,200 SqFt
 Replaced Impervious Surface 13,000 SqFt

LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

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SWDR LAYOUT

SCALE: 1" = 50'

SWDR-59

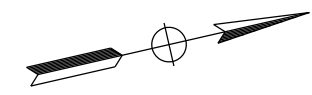
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	A/c R20.4/ CC 15.6		63

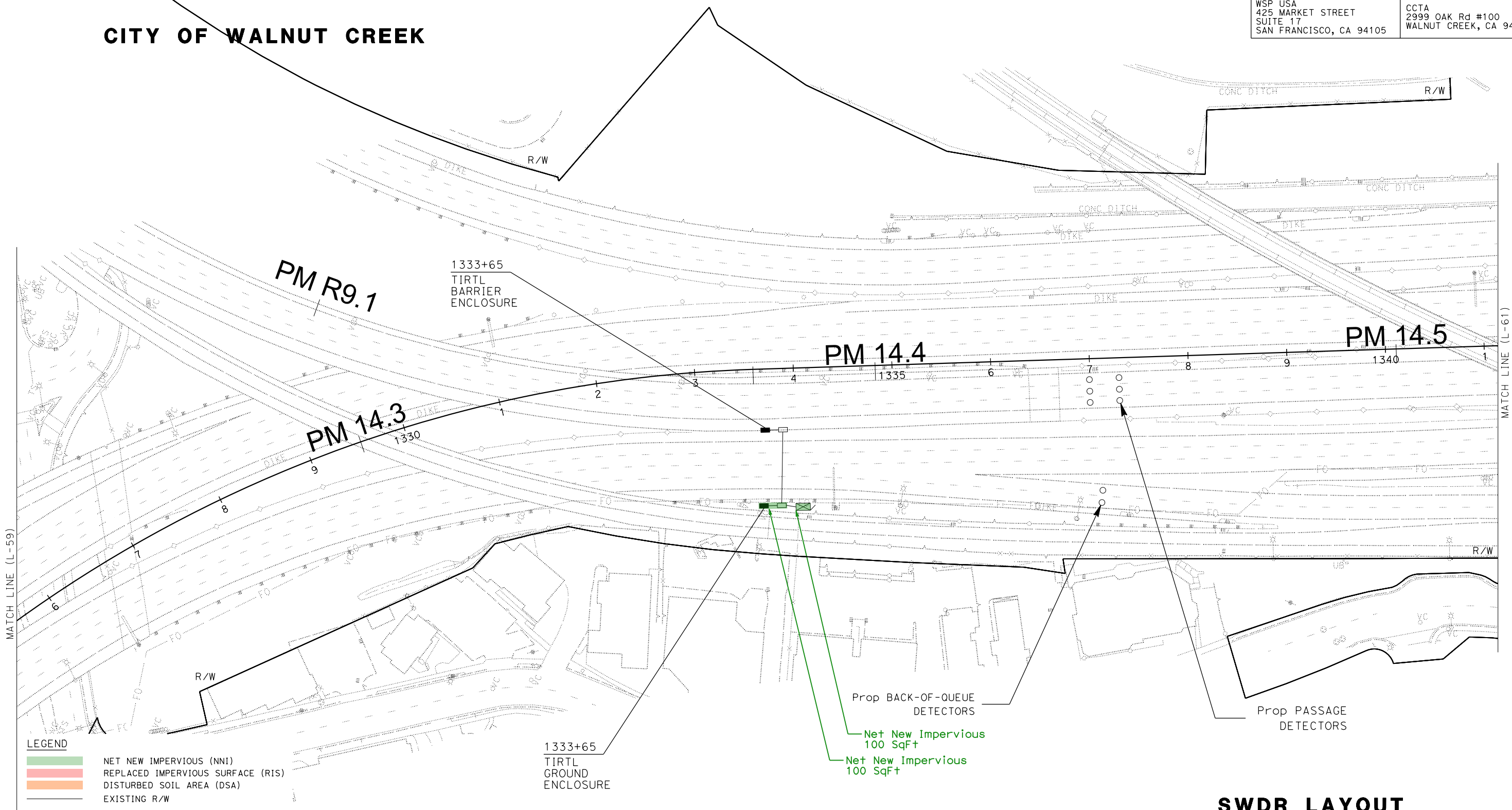
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CITY OF WALNUT CREEK



LEGEND

	NET NEW IMPERVIOUS (NNI)
	REPLACED IMPERVIOUS SURFACE (RIS)
	DISTURBED SOIL AREA (DSA)
	EXISTING R/W

Prop BACK-OF-QUEUE DETECTORS
 Prop PASSAGE DETECTORS
 Net New Impervious 100 SqFt
 Net New Impervious 100 SqFt

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SWDR LAYOUT
 SCALE: 1" = 50'
SWDR-60

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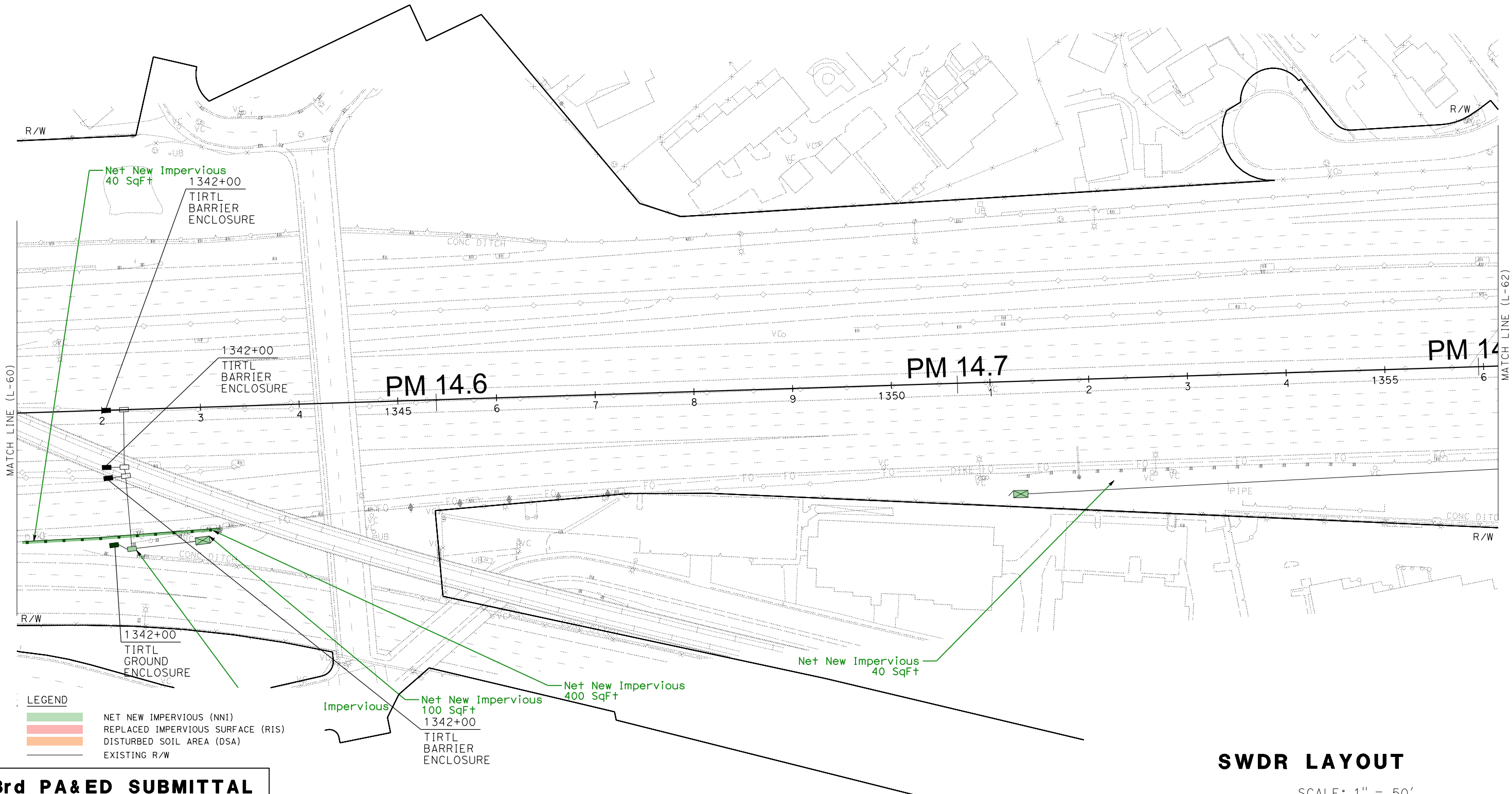
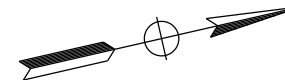
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CITY OF WALNUT CREEK



LEGEND

—	NET NEW IMPERVIOUS (NNI)
—	REPLACED IMPERVIOUS SURFACE (RIS)
—	DISTURBED SOIL AREA (DSA)
—	EXISTING R/W

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SWDR LAYOUT

SCALE: 1" = 50'

SWDR-61

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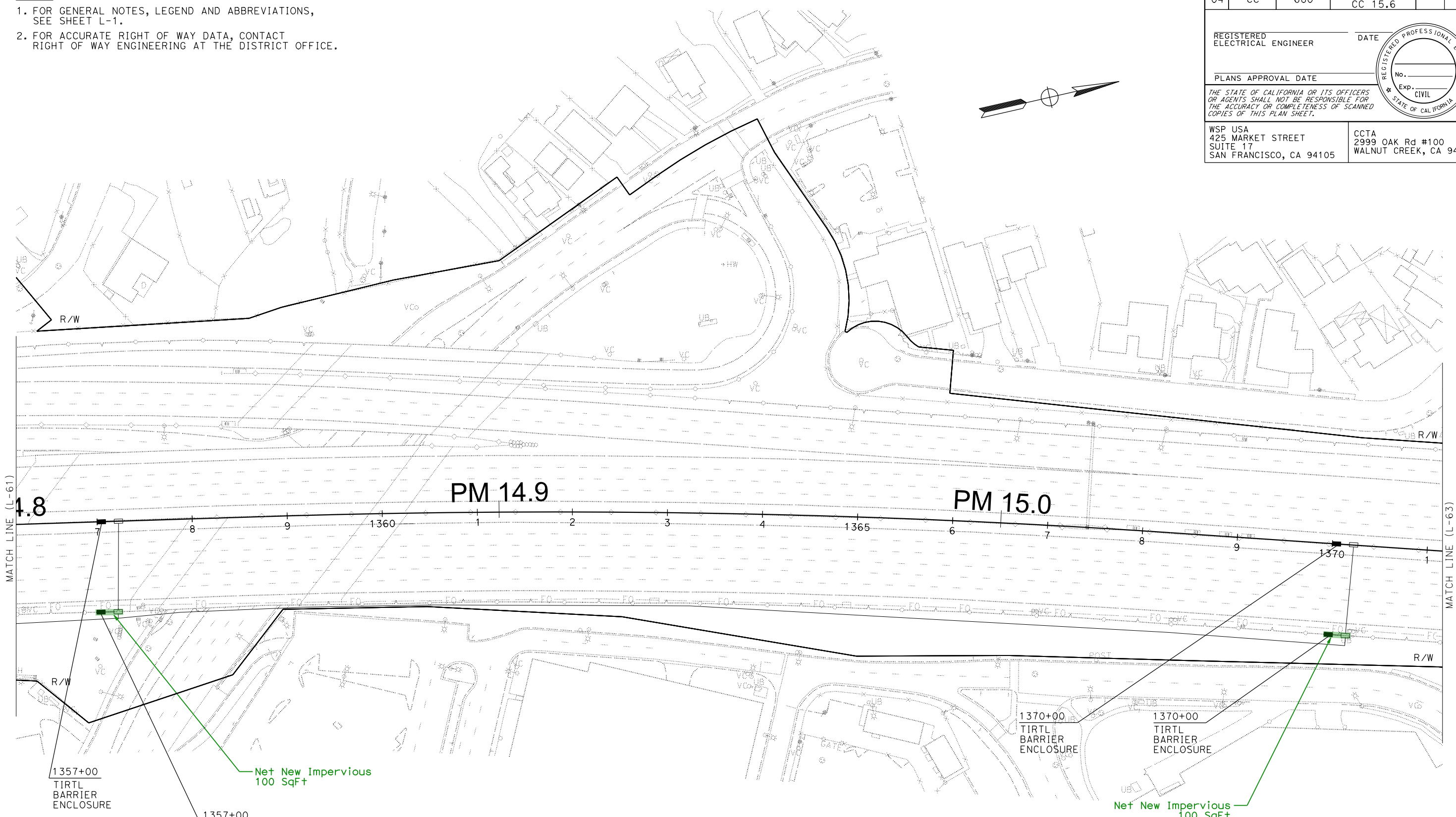
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LEGEND

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- REPLACED IMPERVIOUS SURFACE (RIS)
- DISTURBED SOIL AREA (DSA)
- EXISTING R/W

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SWDR LAYOUT

SCALE: 1" = 50'

SWDR-62

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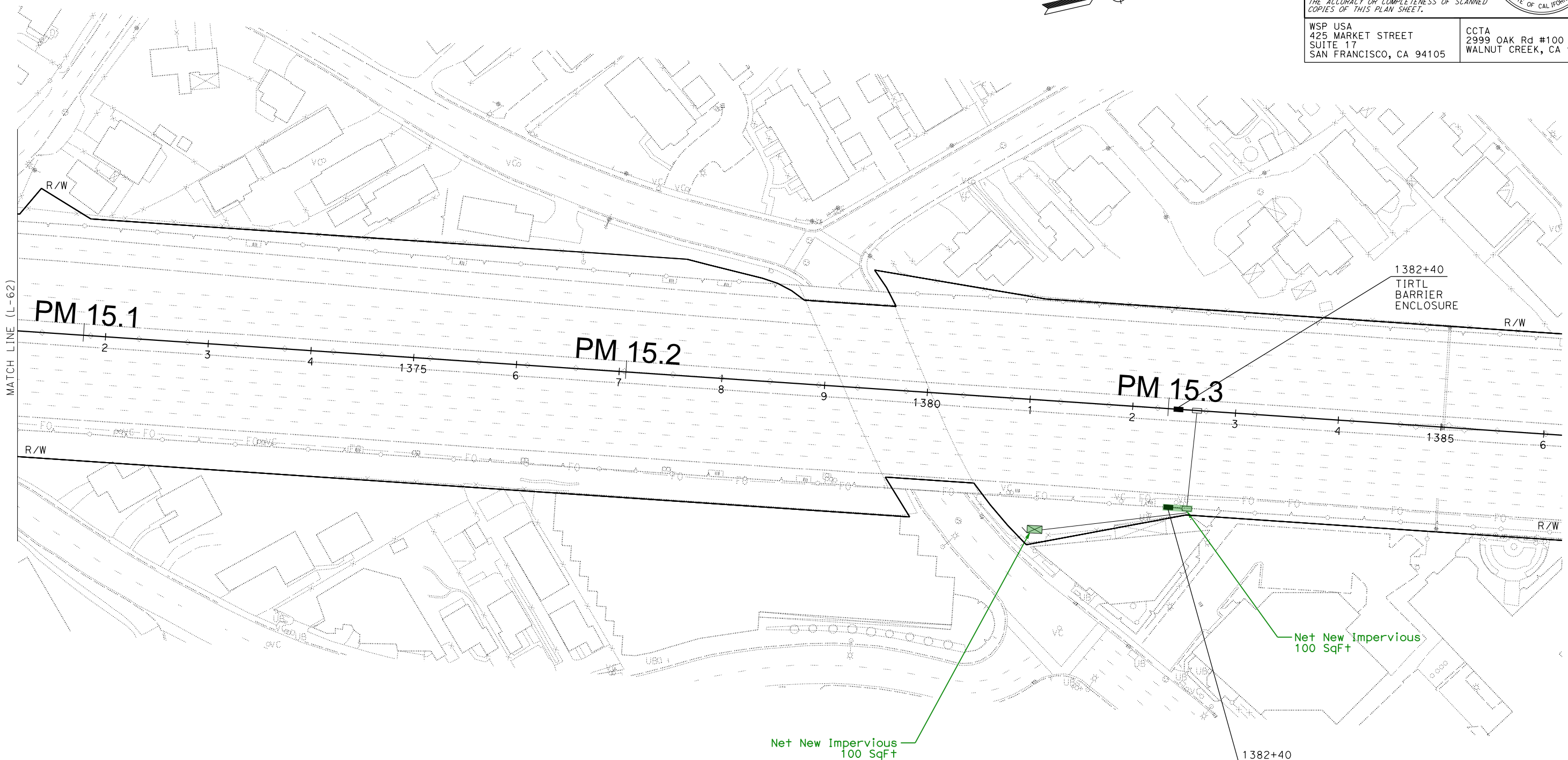
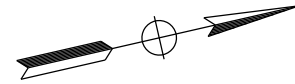
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CITY OF WALNUT CREEK

LEGEND

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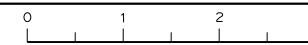
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SWDR LAYOUT

SCALE: 1" = 50'

SWDR-63



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RICK BOTTCHEER

REVISED BY
DATE REVISED

**ATTACHMENT I:
BOLLINGER CANYON
ADVANCED PLANNING STUDY**

1 BACKGROUND INFORMATION

1.1 VICINITY MAP

Figure 1 – Vicinity Map



Figure 2 – Location Detail

1.2 PROJECT DESCRIPTION

The Contra Costa Transportation Authority (CCTA), in cooperation with the California Department of Transportation (Caltrans) District 4 (D4), and the Federal Highway Administration (FHWA) proposes to address congestion on Interstate 680 (I-680) and improve mobility in Contra Costa County.

I-680 is a major facility within Contra Costa County and carries international, interstate, interregional and intraregional travel. This area is projected to experience substantial growth for goods movement and passenger vehicle traffic. Installation of coordinated adaptive ramp metering (CARM) and mainline intelligent transportation systems (ITS) would alleviate existing deficiencies, accommodate projected growth, and enhance the overall regional traffic flow by improving operations to accommodate regional traffic demand.

The Innovate 680 CARM project (the Project) limits are proposed on I-680 from Dublin Blvd to N Main Street including the following cities: Dublin, San Ramon, and Walnut Creek; and the unincorporated areas of Danville and Alamo; limits are proposed on SR 24 from El Curtola Boulevard to I-680. The segments of I-680 and SR 24 within the project limits are currently designated as urban. The primary land use for adjacent areas are residential and commercial.

There is currently a Caltrans State Highway Operation and Protection Program (SHOPP) project (EA 1Q720K) proposing ramp metering improvements within the defined project limits on the I-680. The improvements after the completion of the SHOPP ramp metering project are being used as the existing condition in the No-Build Alternative for the purposes of this Environmental Analysis.

1.2.1 Description of Work

The 04-1Q720K project, known as Caltrans SHOPP Ramp Metering Project, proposes to install a fiber-optic cable communication trunk line in the corridor, install/upgrade a traffic operations (TOS) system, and install/upgrade ramp metering (RM) elements in the corridor, including ramp widenings in Contra Costa County. Vehicle detection equipment would be installed or upgraded at each entrance ramp, exit ramp, and between each interchange on the mainline. Under this supplemental project, additional real-time information on traffic conditions on I-680 would be collected using the Infra-Red Traffic Logger (TIRTL). The deployment of CARM operations on the I-680 corridor between the Dublin Boulevard and North Main Street overcrossings would require 62 northbound TIRTL sites. Utility relocation is not anticipated, as no conflicts with existing utilities have been identified, though there may be intermittent disruption of services during construction.

2 PROPOSED STRUCTURE

The report addresses a retaining wall proposed to retain cut embankment. Based on roadway geometrics, right-of-way constraints, and grading requirements, a retaining wall is required at the following location:

- **Summary of the Proposed Earth Retaining Systems (ERS)**

ERS ID No.	ERS Type	Begin Station. or PM	End Station. or PM	Length (feet)	Max. Design Height (feet)	Notes
RW 721	Ground Anchor	10+00	11+92.77	192.77	17.5	

The following design alternatives were considered for the new retaining wall at Abutment 5 for the Bollinger Canyon OC:

1. Cast in Place (CIP), Type I retaining walls
2. Ground Anchor retaining system
3. Solider/Sheet Piles

The retaining wall will be placed under the existing bridge to provide for on-ramp widening. The finished grade at the face of the wall will be below the bottom of the footing at Abutment 5. Excavating and backfilling the wall as required to build a CIP type I wall or solider/sheet piles wall is not feasible. The restricted vertical clearance under the bridge does not allow enough space to drive sheet piles. For this reason, a top-down construction by using a ground anchor retaining wall is recommended at this location.

Recommended Alternative

A ground anchor wall is the recommended structure type in this location. Ground anchor walls will be constructed underneath bridge structures adjacent to Abutment 5.

2.1 STRUCTURE TYPES CONSIDERED SELECTION CRITERIA

2.1.1 Right-of-Way Impacts

Under this criterion, an evaluation was made to determine whether the wall:

- Lies completely within the R/W
- Requires a temporary construction easement (TCE) beyond the proposed R/W
- Impacts on adjacent property

RW No.	Permanent R/W Needed	TCE Needed	Adjacent Property Impacts
RW 721	No	No	None

2.1.2 Geotechnical/Constructability Issues

The following site-specific geotechnical design issues were considered under this criterion:

- PGA = 0.72g
- Drainage – the backfill will be free-draining. Between ground anchors assemblies, geocomposite drain panels will be installed with weep holes installed along the base of the wall.
- Groundwater levels are well below the bottom of the wall and will not be an issue.
- Potential of liquefaction is considered very low.

2.1.3 Construction

Above the wall are the following bridge structures:

Bollinger Canyon OC, Br No. 28-224

Ground anchors under bridges will be oriented to avoid conflicts with the existing bridge foundations.

The wall will be in close proximity to Abut 5 of the bridge; there is approximately one 1 foot calculated clearance. There are two as-built battered piles. Those battered piles due their weight may have been constructed flatter than 3:1 slope shown on the as-built plans.

Constructing the wall close these battered piles could potentially cause loss of some skin friction of these piles.

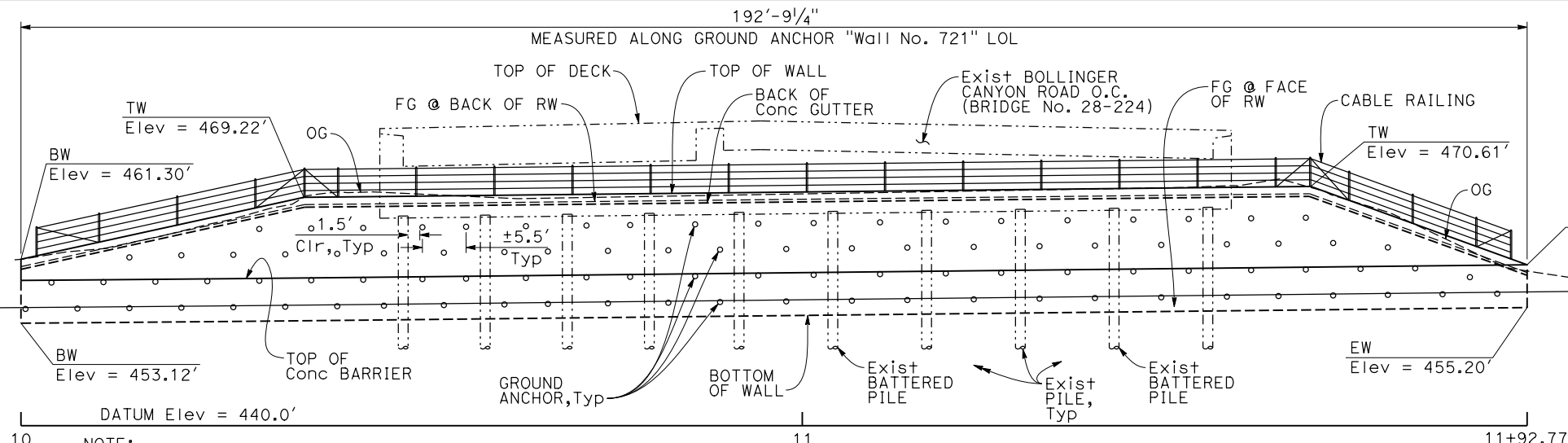
To mitigate these potential conflicts, it is recommended that PS&E team do the following:

- Create notch detail(s) to bypass the conflict. The detail(s) of wall in those areas may have to use a special steel reinforcement layout. The special reinforcement will act as a bridge and redistribute the stresses elsewhere from the notch to maintain the wall design structural capacity. However, the detail(s) will not be included in the construction document. It will be placed in the RE Pending file in case it is needed if a conflict arises. The details need to be reviewed by Caltrans during the PS&E process.
- The foundation report will also need to address the possible skin friction loss due to the loss of soil surrounding the pile.

The location of the proposed ground anchors might be close to existing piles. It is recommended the PS&E design team to design the ground anchors to a range of tributary areas. The spacing of the ground anchors on the plans should be shown as range min to max. Moreover, note(s) may need to be added to the plans so the contractor can adjust the ground anchors spacing (within min/max) to avoid any conflict with existing piles.

2.1.4 Construction Cost

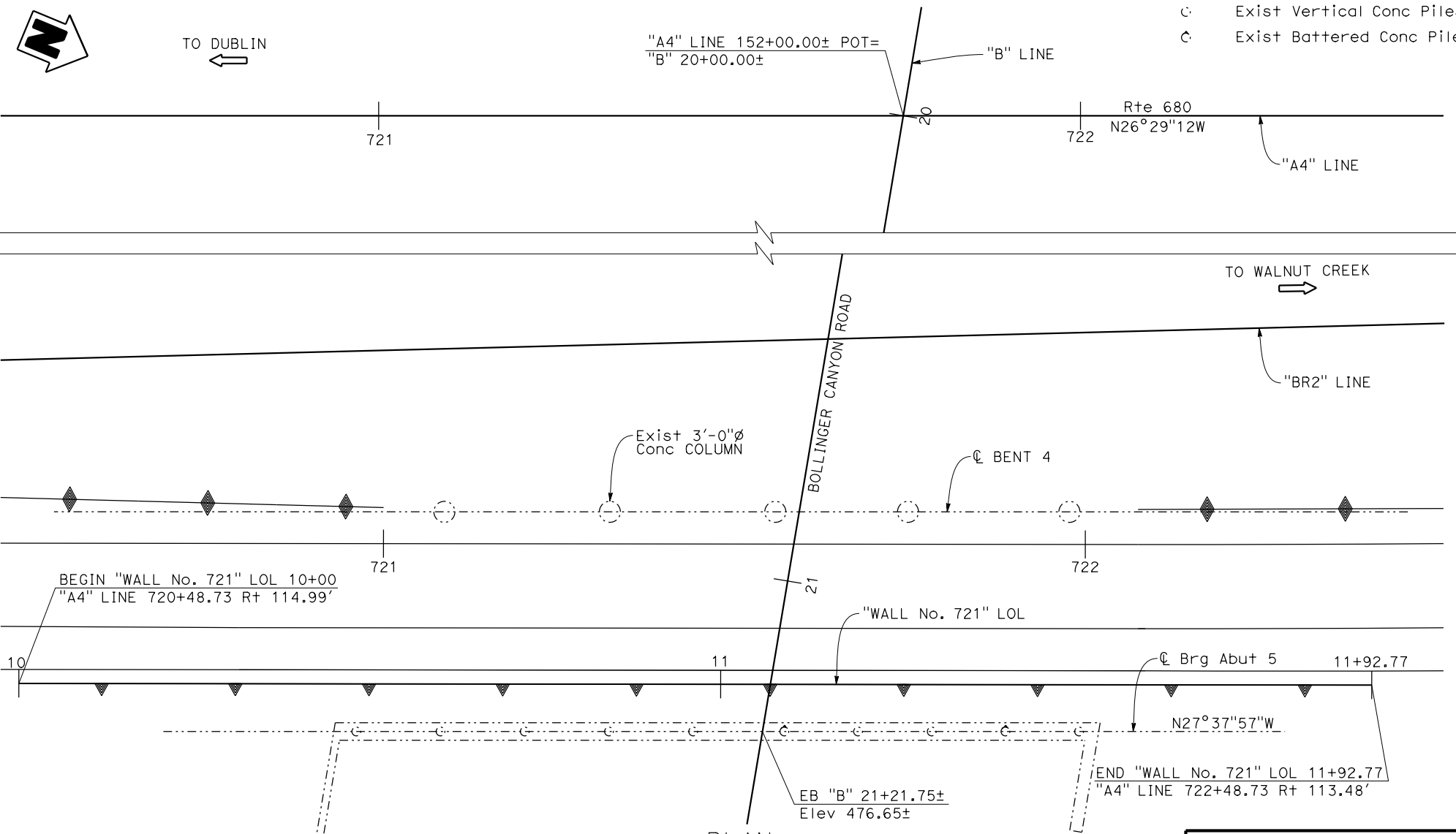
The retaining wall estimate construction cost: \$900,000



NOTE:
Spacing of ground anchors shall be adjusted to keep a minimum clearance of 1.5' from existing pile. Min spacing between ground anchors to be 5'. Max spacing between ground anchors to be 10'.

MIRRORED ELEVATION
1" = 10'-0"

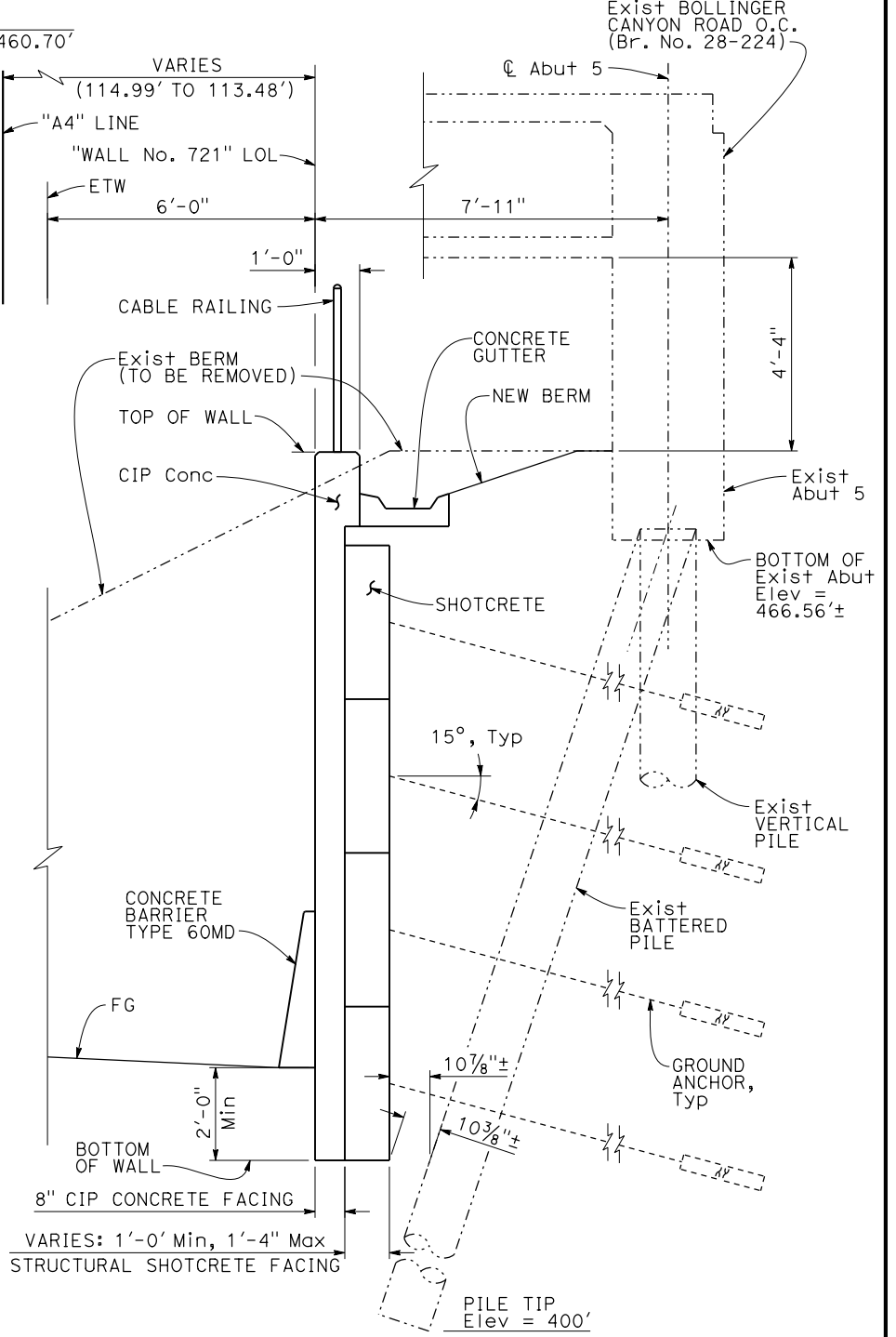
- LEGEND:**
- Exist Structure
 - New Structure
 - Exist Vertical Conc Piles
 - Exist Battered Conc Piles



PLAN
1" = 10'-0"

DATE OF ESTIMATE	September 2023
LENGTH	= 192'-9 1/4"
HEIGHT	= VARIES
AREA	= 3,000 SQFT
COST/SQFT INCLUDING 10% MOBILIZATION & 25% CONTINGENCY	= \$300
TOTAL COST	= \$900,000

Dist	COUNTY	ROUTE	POST MILE
04	OC	680	Ala R20.4/ CC 15.6
CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597			
WSP USA 1100 TOWN & COUNTRY #200 ORANGE, CA 92868			



GROUND ANCHOR WALL - TYPICAL SECTION
1/2" = 1'-0"

X	DESIGN OVERSIGHT
X	SIGN OFF DATE

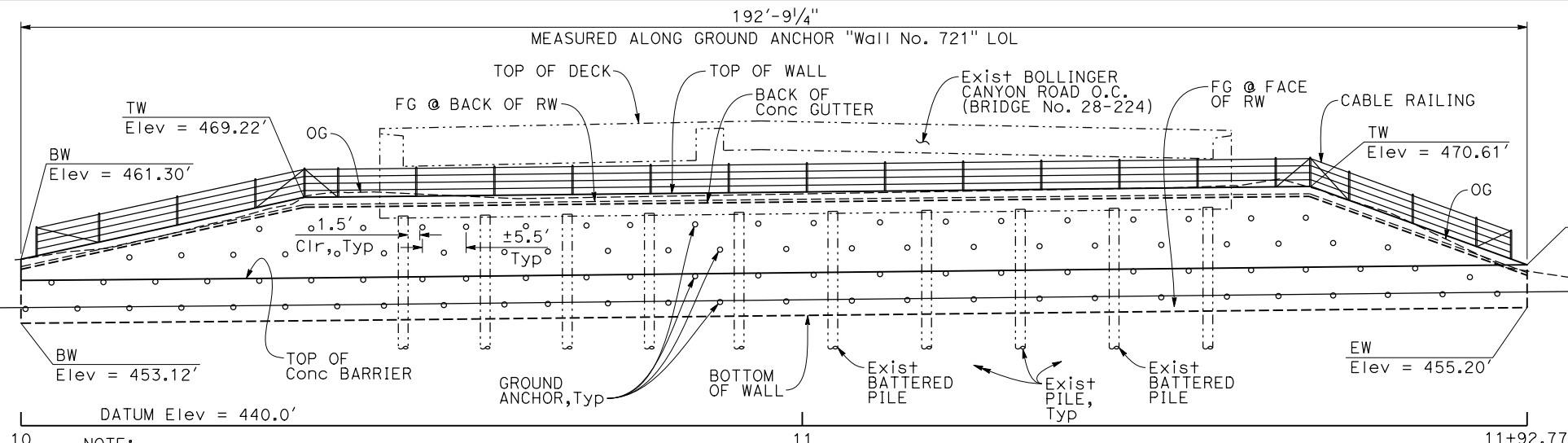
ADVANCE PLANNING STUDY SHEET (ENGLISH) (REVISION 8/16/2021) DATE PLOTTED => 30-JAN-2024 TIME PLOTTED => 16:23 FILE => 28-224-a-gp02_GA Wall.dgn USERNAME => Tamp

DESIGNED BY	M. HANNA	DATE	09/2023
DRAWN BY	P. TAM	DATE	09/2023
CHECKED BY		DATE	
APPROVED		DATE	

M. HANNA
PROJECT ENGINEER

PLANNING STUDY	
BOLLINGER CANYON ROAD OC	
GROUND ANCHOR WALL No. 721	
	BRIDGE No.: 28-224
PROJECT EA:	PROJECT No. & PHASE: 04000XXXXX

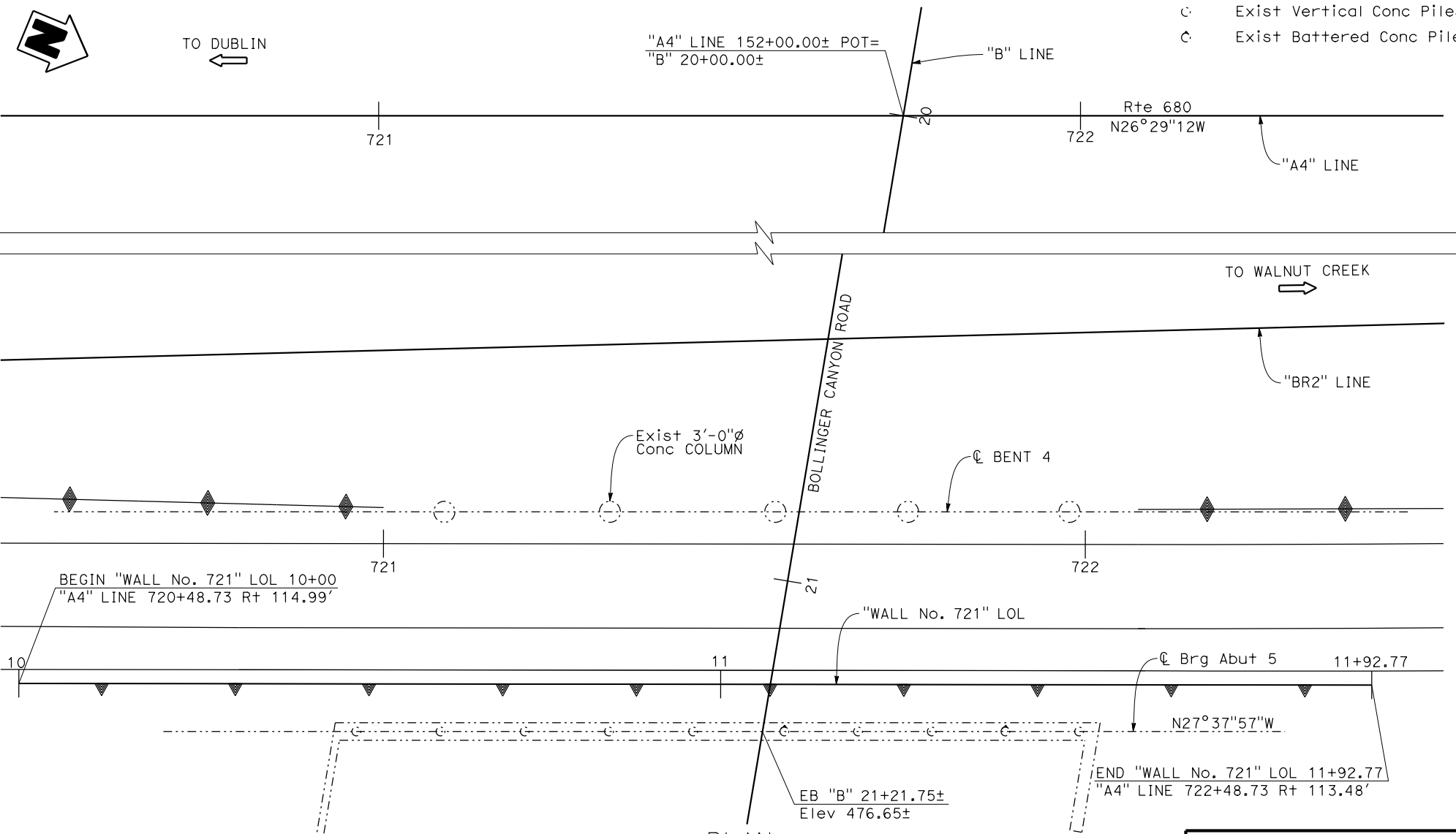
Appendix III PRELIMINARY GENERAL PLAN



NOTE:
Spacing of ground anchors shall be adjusted to keep a minimum clearance of 1.5' from existing pile. Min spacing between ground anchors to be 5'. Max spacing between ground anchors to be 10'.

MIRRORED ELEVATION
1" = 10'-0"

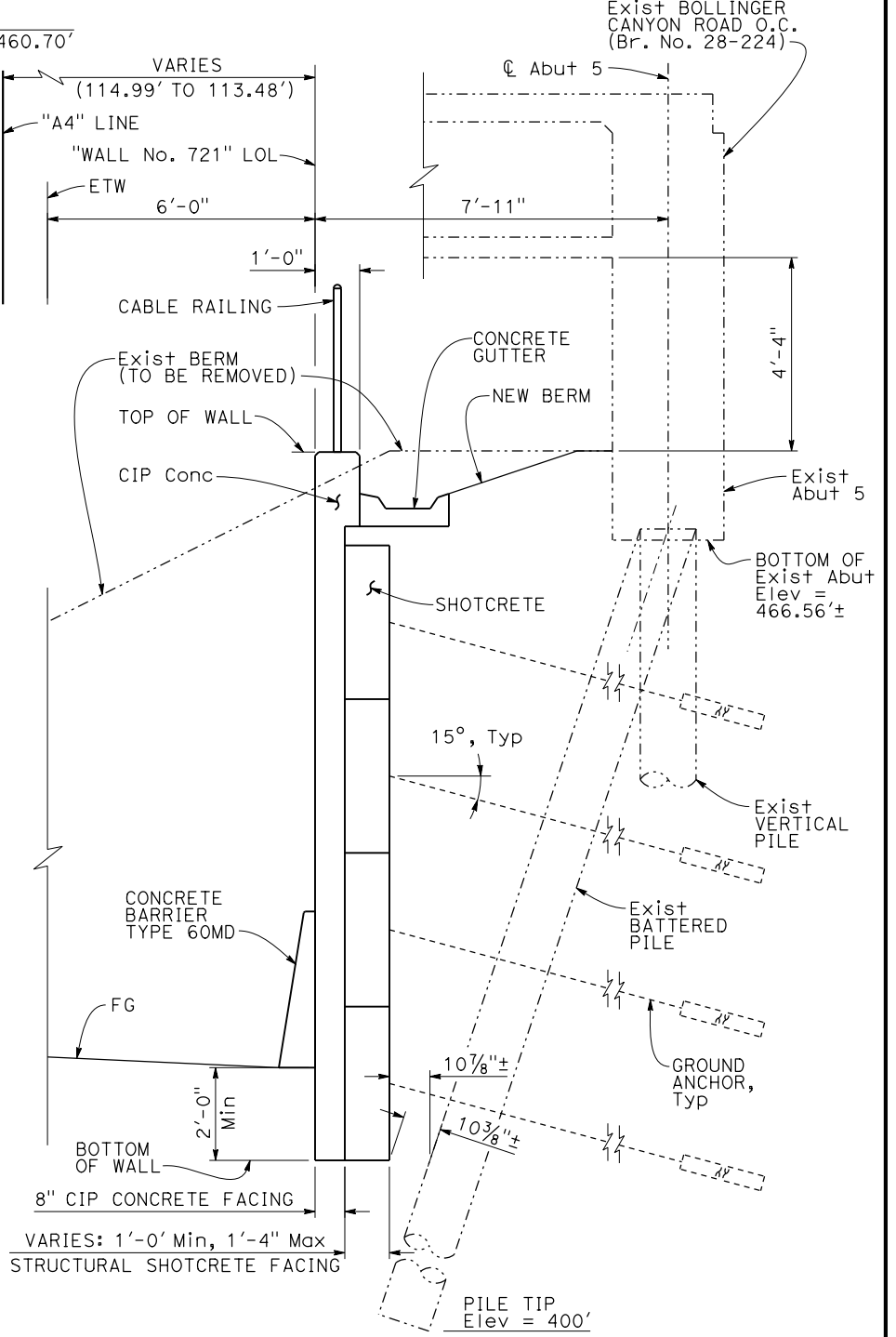
- LEGEND:
- Exist Structure
 - New Structure
 - Exist Vertical Conc Piles
 - Exist Battered Conc Piles



PLAN
1" = 10'-0"

DATE OF ESTIMATE	September 2023
LENGTH	= 192'-9 1/4"
HEIGHT	= VARIES
AREA	= 3,000 SQFT
COST/SQFT INCLUDING 10% MOBILIZATION & 25% CONTINGENCY	= \$300
TOTAL COST	= \$900,000

Dist	COUNTY	ROUTE	POST MILE
04	OC	680	Ala R20.4/ CC 15.6
CCTA 2999 OAK Rd #100 WALNUT CREEK, CA 94597			
WSP USA 1100 TOWN & COUNTRY #200 ORANGE, CA 92868			



GROUND ANCHOR WALL - TYPICAL SECTION
1/2" = 1'-0"

X	DESIGN OVERSIGHT
X	SIGN OFF DATE

ADVANCE PLANNING STUDY SHEET (ENGLISH) (REVISION 8/16/2021)
DATE PLOTTED => 30-JAN-2024 TIME PLOTTED => 16:23
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DESIGNED BY	M. HANNA	DATE	09/2023
DRAWN BY	P. TAM	DATE	09/2023
CHECKED BY		DATE	
APPROVED		DATE	

M. HANNA
PROJECT ENGINEER

PLANNING STUDY	
BOLLINGER CANYON ROAD OC	
GROUND ANCHOR WALL No. 721	
PROJECT EA:	BRIDGE No.: 28-224
PROJECT No. & PHASE:	04000XXXXX