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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Abhiheet R. Bhoi	MOHA MUDAQITO	BD	9-29-21	
Abhiheet R. Bhoi	TIANHUA SUN			



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

USERNAME => p302438
DGN FILE => 0420000235g028.dgn

RELATIVE BORDER SCALE 15" IN INCHES

UNIT 0733

PROJECT NUMBER & PHASE

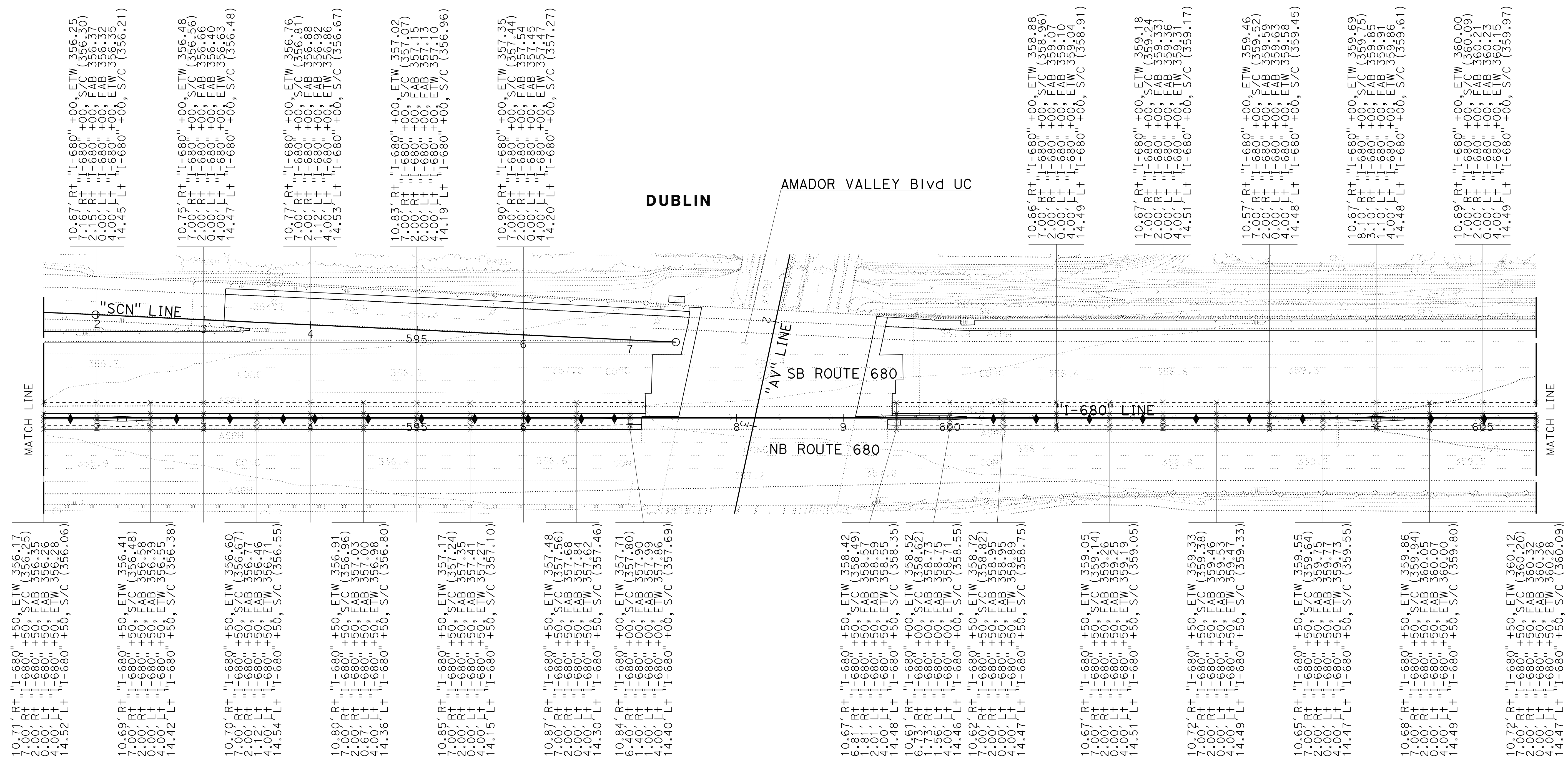
04200002351

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-28



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	101	1710

REGISTERED CIVIL ENGINEER **Abhiheet R. Bhoi** DATE 9-29-21
 October 8, 2021
 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.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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LAST REVISION DATE PLOTTED => 7-MAR-2022
09-29-21 TIME PLOTTED => 12:36

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans	ABHIJEET R. BHOI	MOHA MUDAQITO	BD	9-29-21
	CHECKED BY	TIANHUA SUN	DATE REVISED	

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

USERNAME => p302438
DGN FILE => 0420000235g029.dgn



UNIT 0733

PROJECT NUMBER & PHASE

04200002351

10.72' Rt+ "I-680" +50, ETW 360.12
7.00' Rt+ "I-680" +50, S/C (360.20)
2.00' Rt+ "I-680" +50, FAB 360.32
0.00' Lt+ "I-680" +50, ETW 360.36
4.00' Lt+ "I-680" +50, S/C (360.28)
14.47' Lt+ "I-680" +50, S/C (360.09)

10.75' Rt+ "I-680" +50, ETW 360.46
7.00' Rt+ "I-680" +50, S/C (360.55)
2.00' Rt+ "I-680" +50, FAB 360.67
0.00' Lt+ "I-680" +50, ETW 360.69
4.00' Lt+ "I-680" +50, S/C (360.59)
14.43' Lt+ "I-680" +50, S/C (360.34)

10.78' Rt+ "I-680" +50, ETW 360.73
7.00' Rt+ "I-680" +50, S/C (360.83)
2.00' Rt+ "I-680" +50, FAB 360.97
0.00' Lt+ "I-680" +50, ETW 360.99
4.00' Lt+ "I-680" +50, S/C (360.86)
14.52' Lt+ "I-680" +50, S/C (360.65)

10.89' Rt+ "I-680" +50, ETW 361.02
7.00' Rt+ "I-680" +50, S/C (361.10)
2.00' Rt+ "I-680" +50, FAB 361.21
0.00' Lt+ "I-680" +50, ETW 361.22
4.00' Lt+ "I-680" +50, S/C (361.13)
14.52' Lt+ "I-680" +50, S/C (360.91)

10.75' Rt+ "I-680" +50, ETW 361.35
7.00' Rt+ "I-680" +50, S/C (361.41)
2.00' Rt+ "I-680" +50, FAB 361.49
0.00' Lt+ "I-680" +50, ETW 361.48
4.00' Lt+ "I-680" +50, S/C (361.40)
14.44' Lt+ "I-680" +50, S/C (361.21)

10.79' Rt+ "I-680" +50, ETW 361.61
7.00' Rt+ "I-680" +50, S/C (361.66)
2.00' Rt+ "I-680" +50, FAB 361.73
0.00' Lt+ "I-680" +50, ETW 361.77
4.00' Lt+ "I-680" +50, S/C (361.69)
14.53' Lt+ "I-680" +50, S/C (361.50)

10.75' Rt+ "I-680" +50, ETW 361.89
7.00' Rt+ "I-680" +50, S/C (361.94)
2.00' Rt+ "I-680" +50, FAB 362.02
0.00' Lt+ "I-680" +50, ETW 362.04
4.00' Lt+ "I-680" +50, S/C (361.91)
14.44' Lt+ "I-680" +50, S/C (361.74)

10.69' Rt+ "I-680" +50, ETW 362.19
7.00' Rt+ "I-680" +50, S/C (362.25)
2.00' Rt+ "I-680" +50, FAB 362.33
0.00' Lt+ "I-680" +50, ETW 362.33
4.00' Lt+ "I-680" +50, S/C (362.27)
14.28' Lt+ "I-680" +50, S/C (362.08)

10.77' Rt+ "I-680" +50, ETW 362.43
7.00' Rt+ "I-680" +50, S/C (362.50)
2.00' Rt+ "I-680" +50, FAB 362.60
0.00' Lt+ "I-680" +50, ETW 362.60
4.00' Lt+ "I-680" +50, S/C (362.54)
14.21' Lt+ "I-680" +50, S/C (362.38)

10.69' Rt+ "I-680" +50, ETW 362.67
7.00' Rt+ "I-680" +50, S/C (362.75)
2.00' Rt+ "I-680" +50, FAB 362.87
0.00' Lt+ "I-680" +50, ETW 362.88
4.00' Lt+ "I-680" +50, S/C (362.80)
14.34' Lt+ "I-680" +50, S/C (362.63)

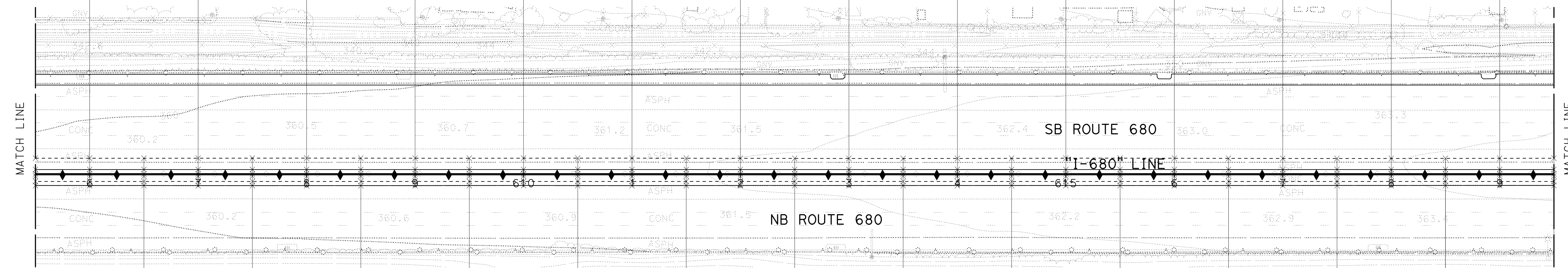
10.80' Rt+ "I-680" +50, ETW 362.99
7.00' Rt+ "I-680" +50, S/C (363.08)
2.00' Rt+ "I-680" +50, FAB 363.19
0.00' Lt+ "I-680" +50, ETW 363.23
4.00' Lt+ "I-680" +50, S/C (363.15)
14.52' Lt+ "I-680" +50, S/C (362.93)

10.77' Rt+ "I-680" +50, ETW 363.31
7.00' Rt+ "I-680" +50, S/C (363.40)
2.00' Rt+ "I-680" +50, FAB 363.52
0.00' Lt+ "I-680" +50, ETW 363.54
4.00' Lt+ "I-680" +50, S/C (363.44)
14.32' Lt+ "I-680" +50, S/C (363.23)

10.73' Rt+ "I-680" +50, ETW 363.56
7.00' Rt+ "I-680" +50, S/C (363.62)
2.00' Rt+ "I-680" +50, FAB 363.72
0.00' Lt+ "I-680" +50, ETW 363.79
4.00' Lt+ "I-680" +50, S/C (363.70)
14.21' Lt+ "I-680" +50, S/C (363.50)

10.71' Rt+ "I-680" +50, ETW 363.80
7.00' Rt+ "I-680" +50, S/C (363.88)
2.00' Rt+ "I-680" +50, FAB 364.03
0.00' Lt+ "I-680" +50, ETW 364.09
4.00' Lt+ "I-680" +50, S/C (363.94)
14.29' Lt+ "I-680" +50, S/C (363.74)

10.71' Rt+ "I-680" +50, ETW 364.11
7.00' Rt+ "I-680" +50, S/C (364.18)
2.00' Rt+ "I-680" +50, FAB 364.28
0.00' Lt+ "I-680" +50, ETW 364.42
4.00' Lt+ "I-680" +50, S/C (364.26)
14.43' Lt+ "I-680" +50, S/C (364.05)



DUBLIN

10.75' Rt+ "I-680" +00, ETW 360.29
7.00' Rt+ "I-680" +00, S/C (360.39)
2.00' Rt+ "I-680" +00, FAB 360.53
0.00' Lt+ "I-680" +00, ETW 360.56
4.00' Lt+ "I-680" +00, S/C (360.46)
14.44' Lt+ "I-680" +00, S/C (360.23)

10.88' Rt+ "I-680" +00, ETW 360.58
7.00' Rt+ "I-680" +00, S/C (360.67)
2.00' Rt+ "I-680" +00, FAB 360.80
0.00' Lt+ "I-680" +00, ETW 360.83
4.00' Lt+ "I-680" +00, S/C (360.74)
14.46' Lt+ "I-680" +00, S/C (360.53)

10.81' Rt+ "I-680" +00, ETW 360.88
7.00' Rt+ "I-680" +00, S/C (360.95)
2.00' Rt+ "I-680" +00, FAB 361.05
0.00' Lt+ "I-680" +00, ETW 361.09
4.00' Lt+ "I-680" +00, S/C (360.90)
14.55' Lt+ "I-680" +00, S/C (360.76)

10.80' Rt+ "I-680" +00, ETW 361.17
7.00' Rt+ "I-680" +00, S/C (361.22)
2.00' Rt+ "I-680" +00, FAB 361.29
0.00' Lt+ "I-680" +00, ETW 361.30
4.00' Lt+ "I-680" +00, S/C (361.22)
14.46' Lt+ "I-680" +00, S/C (361.03)

10.73' Rt+ "I-680" +00, ETW 361.46
7.00' Rt+ "I-680" +00, S/C (361.52)
2.00' Rt+ "I-680" +00, FAB 361.60
0.00' Lt+ "I-680" +00, ETW 361.66
4.00' Lt+ "I-680" +00, S/C (361.58)
14.49' Lt+ "I-680" +00, S/C (361.37)

10.85' Rt+ "I-680" +00, ETW 361.74
7.00' Rt+ "I-680" +00, S/C (361.81)
2.00' Rt+ "I-680" +00, FAB 361.91
0.00' Lt+ "I-680" +00, ETW 361.94
4.00' Lt+ "I-680" +00, S/C (361.86)
14.51' Lt+ "I-680" +00, S/C (361.62)

10.69' Rt+ "I-680" +00, ETW 362.04
7.00' Rt+ "I-680" +00, S/C (362.08)
2.00' Rt+ "I-680" +00, FAB 362.13
0.00' Lt+ "I-680" +00, ETW 362.17
4.00' Lt+ "I-680" +00, S/C (362.07)
14.36' Lt+ "I-680" +00, S/C (361.88)

10.72' Rt+ "I-680" +00, ETW 362.34
7.00' Rt+ "I-680" +00, S/C (362.39)
2.00' Rt+ "I-680" +00, FAB 362.46
0.00' Lt+ "I-680" +00, ETW 362.49
4.00' Lt+ "I-680" +00, S/C (362.42)
14.23' Lt+ "I-680" +00, S/C (362.25)

10.78' Rt+ "I-680" +00, ETW 362.54
7.00' Rt+ "I-680" +00, S/C (362.60)
2.00' Rt+ "I-680" +00, FAB 362.70
0.00' Lt+ "I-680" +00, ETW 362.73
4.00' Lt+ "I-680" +00, S/C (362.66)
14.24' Lt+ "I-680" +00, S/C (362.49)

10.72' Rt+ "I-680" +00, ETW 362.84
7.00' Rt+ "I-680" +00, S/C (362.91)
2.00' Rt+ "I-680" +00, FAB 363.00
0.00' Lt+ "I-680" +00, ETW 363.04
4.00' Lt+ "I-680" +00, S/C (362.94)
14.49' Lt+ "I-680" +00, S/C (362.75)

10.79' Rt+ "I-680" +00, ETW 363.14
7.00' Rt+ "I-680" +00, S/C (363.23)
2.00' Rt+ "I-680" +00, FAB 363.34
0.00' Lt+ "I-680" +00, ETW 363.39
4.00' Lt+ "I-680" +00, S/C (363.31)
14.44' Lt+ "I-680" +00, S/C (363.10)

10.69' Rt+ "I-680" +00, ETW 363.39
7.00' Rt+ "I-680" +00, S/C (363.47)
2.00' Rt+ "I-680" +00, FAB 363.58
0.00' Lt+ "I-680" +00, ETW 363.65
4.00' Lt+ "I-680" +00, S/C (363.55)
14.24' Lt+ "I-680" +00, S/C (363.34)

10.73' Rt+ "I-680" +00, ETW 363.68
7.00' Rt+ "I-680" +00, S/C (363.77)
2.00' Rt+ "I-680" +00, FAB 363.90
0.00' Lt+ "I-680" +00, ETW 363.95
4.00' Lt+ "I-680" +00, S/C (363.85)
14.22' Lt+ "I-680" +00, S/C (363.62)

10.68' Rt+ "I-680" +00, ETW 363.94
7.00' Rt+ "I-680" +00, S/C (364.01)
2.00' Rt+ "I-680" +00, FAB 364.12
0.00' Lt+ "I-680" +00, ETW 364.16
4.00' Lt+ "I-680" +00, S/C (364.07)
14.38' Lt+ "I-680" +00, S/C (363.87)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	102	1710

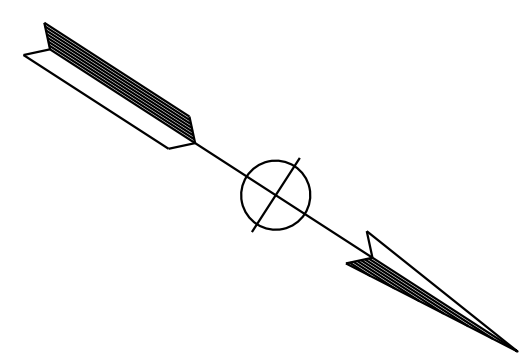
REGISTERED CIVIL ENGINEER **Abhijeet R. Bhoi** No. 68606 Exp. 9-30-23 CIVIL

9-29-21 DATE

October 8, 2021 PLANS APPROVAL DATE

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AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-29

09-29-21 DATE PLOTTED => 7-MAR-2022 12:36

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	MOHA MUDAQITO	REVISOR	BD
Abhiheet R. Bhoi	ABHIJEET R. BHOI	CHECKED BY	TIANHUA SUN	DATE REVISED	9-29-21

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

USERNAME => p302438
DGN FILE => 0420000235g030.dgn

RELATIVE BORDER SCALE IS IN INCHES



UNIT 0733

PROJECT NUMBER & PHASE

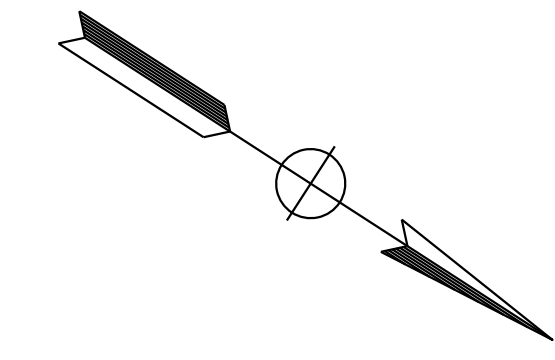
04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	103	1710

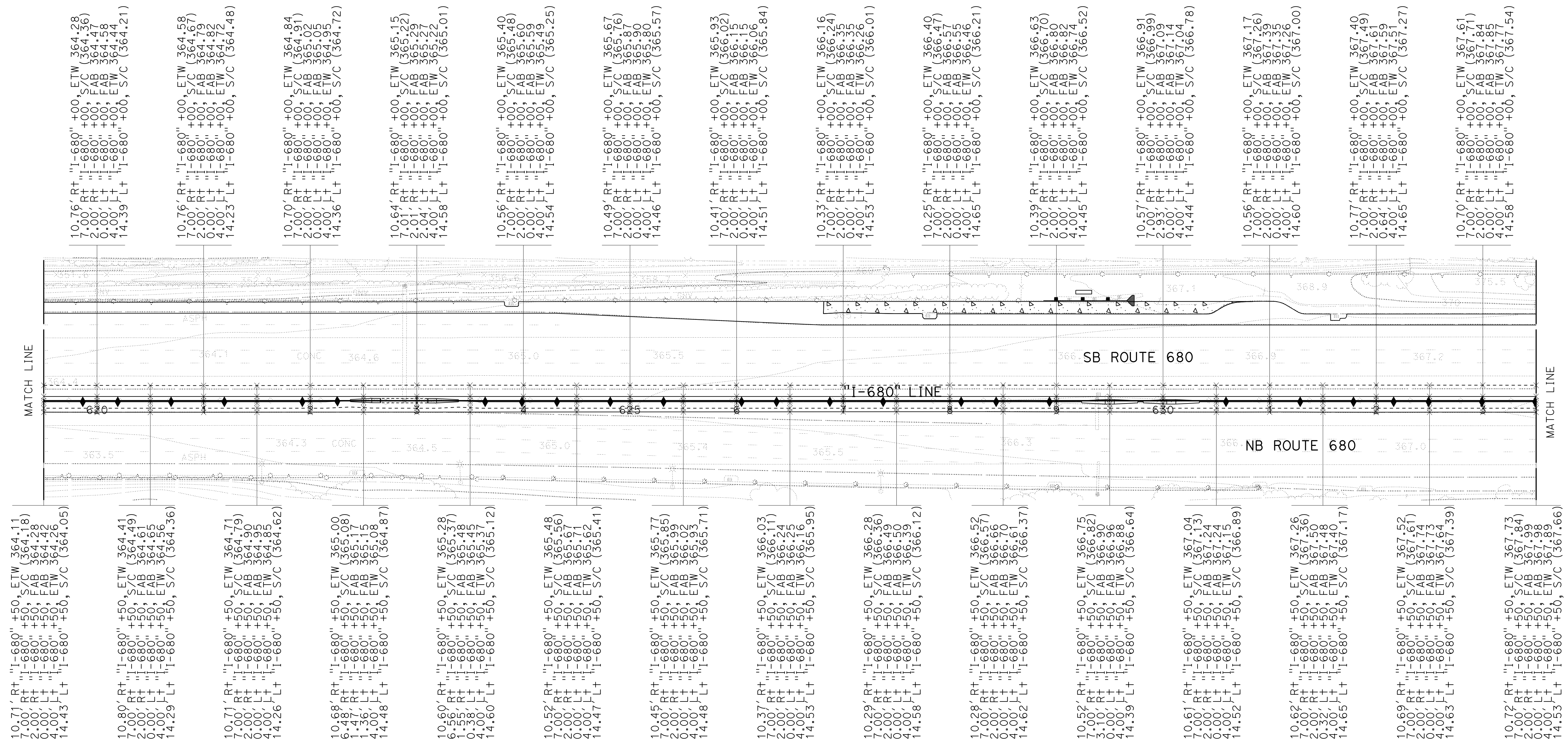
REGISTERED CIVIL ENGINEER **Abhiheet R. Bhoi** No. 68606 Exp. 9-30-23
 DATE 9-29-21
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DUBLIN



10.71' RT+ "I-680" +50, ETW 364.11
 7.00' RT+ "I-680" +50, S/C (364.18)
 2.00' RT+ "I-680" +50, FAB 364.28
 0.00' LT+ "I-680" +50, FAB 364.42
 4.00' LT+ "I-680" +50, ETW 364.26
 14.43' LT+ "I-680" +50, S/C (364.05)

10.80' RT+ "I-680" +50, ETW 364.41
 7.00' RT+ "I-680" +50, S/C (364.49)
 2.00' RT+ "I-680" +50, FAB 364.61
 0.00' LT+ "I-680" +50, FAB 364.65
 4.00' LT+ "I-680" +50, ETW 364.56
 14.29' LT+ "I-680" +50, S/C (364.36)

10.71' RT+ "I-680" +50, ETW 364.71
 7.00' RT+ "I-680" +50, S/C (364.79)
 2.00' RT+ "I-680" +50, FAB 364.90
 0.00' LT+ "I-680" +50, FAB 364.95
 4.00' LT+ "I-680" +50, ETW 364.85
 14.26' LT+ "I-680" +50, S/C (364.62)

10.68' RT+ "I-680" +50, ETW 365.00
 1.47' RT+ "I-680" +50, S/C (365.08)
 1.36' LT+ "I-680" +50, FAB 365.15
 4.00' LT+ "I-680" +50, ETW 365.08
 14.48' LT+ "I-680" +50, S/C (364.87)

10.60' RT+ "I-680" +50, ETW 365.28
 1.55' RT+ "I-680" +50, S/C (365.37)
 0.38' LT+ "I-680" +50, FAB 365.48
 4.00' LT+ "I-680" +50, ETW 365.37
 14.60' LT+ "I-680" +50, S/C (365.12)

10.52' RT+ "I-680" +50, ETW 365.48
 7.00' RT+ "I-680" +50, S/C (365.56)
 2.00' RT+ "I-680" +50, FAB 365.71
 4.00' LT+ "I-680" +50, ETW 365.62
 14.47' LT+ "I-680" +50, S/C (365.41)

10.45' RT+ "I-680" +50, ETW 365.77
 7.00' RT+ "I-680" +50, S/C (365.85)
 2.00' RT+ "I-680" +50, FAB 365.99
 0.00' LT+ "I-680" +50, FAB 366.02
 4.00' LT+ "I-680" +50, ETW 365.93
 14.48' LT+ "I-680" +50, S/C (365.71)

10.37' RT+ "I-680" +50, ETW 366.03
 7.00' RT+ "I-680" +50, S/C (366.11)
 2.00' RT+ "I-680" +50, FAB 366.24
 0.00' LT+ "I-680" +50, FAB 366.25
 4.00' LT+ "I-680" +50, ETW 366.16
 14.53' LT+ "I-680" +50, S/C (365.95)

10.29' RT+ "I-680" +50, ETW 366.28
 7.00' RT+ "I-680" +50, S/C (366.36)
 2.00' RT+ "I-680" +50, FAB 366.49
 4.00' LT+ "I-680" +50, FAB 366.50
 4.00' LT+ "I-680" +50, ETW 366.39
 14.58' LT+ "I-680" +50, S/C (366.12)

10.28' RT+ "I-680" +50, ETW 366.52
 7.00' RT+ "I-680" +50, S/C (366.57)
 2.00' RT+ "I-680" +50, FAB 366.66
 0.00' LT+ "I-680" +50, FAB 366.67
 4.00' LT+ "I-680" +50, ETW 366.61
 14.62' LT+ "I-680" +50, S/C (366.37)

10.52' RT+ "I-680" +50, ETW 366.75
 7.00' RT+ "I-680" +50, S/C (366.82)
 3.10' RT+ "I-680" +50, FAB 366.90
 0.00' LT+ "I-680" +50, FAB 366.96
 4.00' LT+ "I-680" +50, ETW 366.88
 14.39' LT+ "I-680" +50, S/C (366.64)

10.61' RT+ "I-680" +50, ETW 367.04
 7.00' RT+ "I-680" +50, S/C (367.13)
 2.00' RT+ "I-680" +50, FAB 367.24
 0.00' LT+ "I-680" +50, FAB 367.24
 4.00' LT+ "I-680" +50, ETW 367.15
 14.52' LT+ "I-680" +50, S/C (366.89)

10.62' RT+ "I-680" +50, ETW 367.26
 7.00' RT+ "I-680" +50, S/C (367.36)
 2.90' RT+ "I-680" +50, FAB 367.50
 0.00' LT+ "I-680" +50, FAB 367.48
 4.00' LT+ "I-680" +50, ETW 367.40
 14.65' LT+ "I-680" +50, S/C (367.17)

10.69' RT+ "I-680" +50, ETW 367.52
 7.00' RT+ "I-680" +50, S/C (367.61)
 2.00' RT+ "I-680" +50, FAB 367.74
 0.00' LT+ "I-680" +50, FAB 367.73
 4.00' LT+ "I-680" +50, ETW 367.64
 14.63' LT+ "I-680" +50, S/C (367.39)

10.72' RT+ "I-680" +50, ETW 367.73
 7.00' RT+ "I-680" +50, S/C (367.84)
 2.00' RT+ "I-680" +50, FAB 367.99
 0.00' LT+ "I-680" +50, FAB 367.98
 4.00' LT+ "I-680" +50, ETW 367.89
 14.53' LT+ "I-680" +50, S/C (367.66)

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-30

LAST REVISION: 09-29-21 DATE PLOTTED => 7-MAR-2022 TIME PLOTTED => 12:36

0:\00300\DRAWING\FINAL_P58E\0420000235g0031.dgn

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISIONS
	ABHIJEET R. BHOI	MOHA MUDAQITO	BD
		TIANHUA SUN	9-29-21

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

USERNAME => p302438
DGN FILE => 0420000235g0031.dgn

RELATIVE BORDER SCALE IS IN INCHES

UNIT 0733

PROJECT NUMBER & PHASE

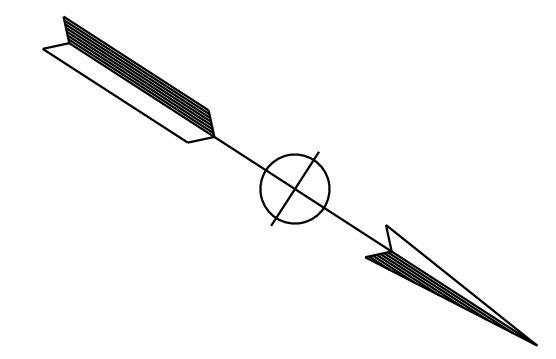
04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	104	1710

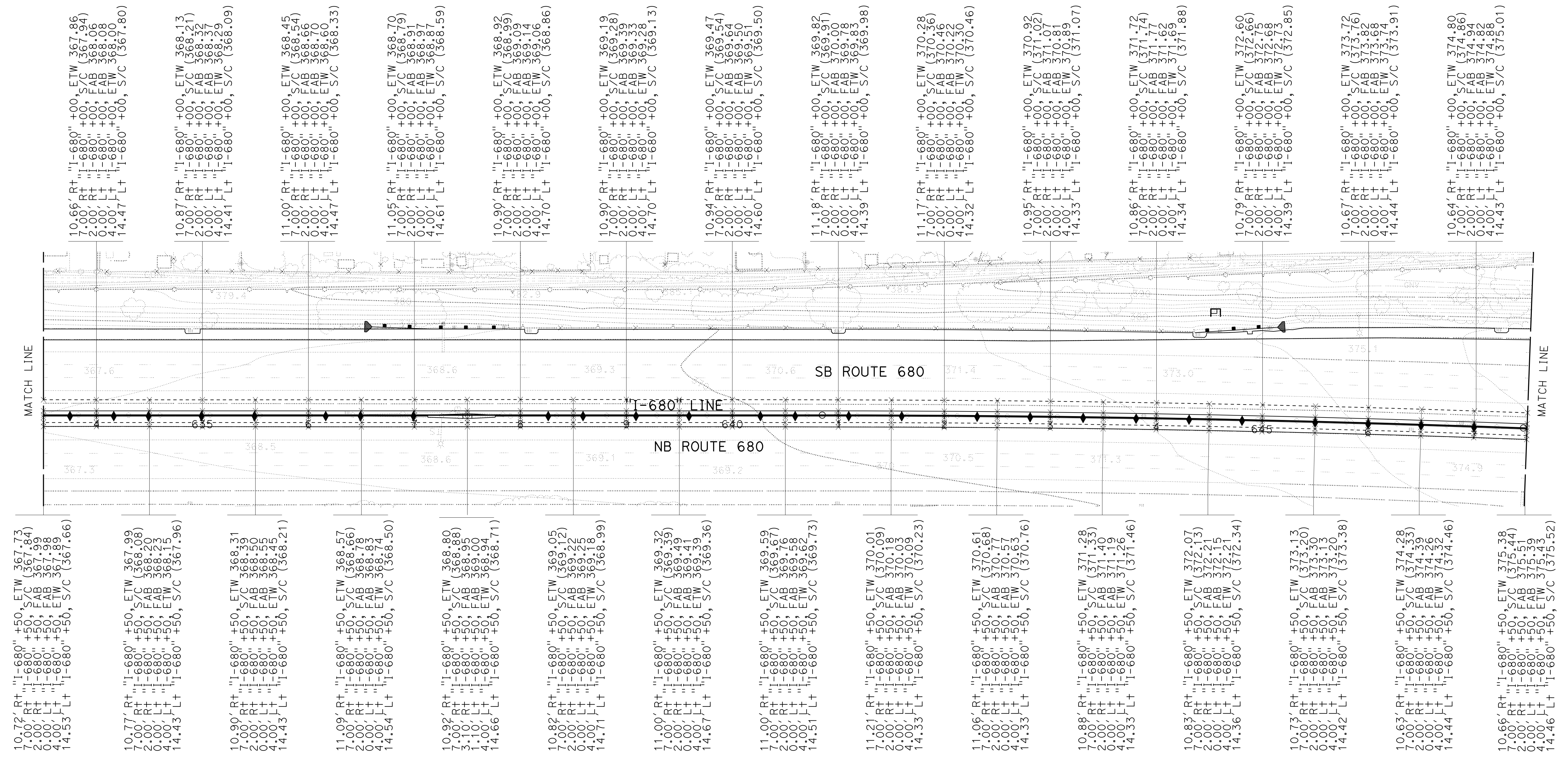
REGISTERED CIVIL ENGINEER **Abhijeet R. Bhoi** No. 68606 Exp. 9-30-23
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 October 8, 2021
 PLANS APPROVAL DATE

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.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
--	--



DUBLIN



10.72' Rt+ "I-680" +50, ETW 367.73 7.00' Rt+ "I-680" +50, S/C (367.84) 2.00' Lt+ "I-680" +50, FAB 367.99 0.00' Lt+ "I-680" +50, FAB 367.98 4.00' Lt+ "I-680" +50, ETW 367.89 14.53' Lt+ "I-680" +50, S/C (367.66)	10.77' Rt+ "I-680" +50, ETW 367.99 7.00' Rt+ "I-680" +50, S/C (368.08) 2.00' Lt+ "I-680" +50, FAB 368.20 0.00' Lt+ "I-680" +50, FAB 368.23 4.00' Lt+ "I-680" +50, ETW 368.15 14.43' Lt+ "I-680" +50, S/C (367.96)	10.90' Rt+ "I-680" +50, ETW 368.31 7.00' Rt+ "I-680" +50, S/C (368.39) 2.00' Lt+ "I-680" +50, FAB 368.50 0.00' Lt+ "I-680" +50, FAB 368.55 4.00' Lt+ "I-680" +50, ETW 368.45 14.43' Lt+ "I-680" +50, S/C (368.21)	11.09' Rt+ "I-680" +50, ETW 368.57 7.00' Rt+ "I-680" +50, S/C (368.66) 2.00' Lt+ "I-680" +50, FAB 368.78 0.00' Lt+ "I-680" +50, FAB 368.93 4.00' Lt+ "I-680" +50, ETW 368.74 14.54' Lt+ "I-680" +50, S/C (368.50)	10.92' Rt+ "I-680" +50, ETW 368.80 7.00' Rt+ "I-680" +50, S/C (368.88) 3.10' Lt+ "I-680" +50, FAB 369.00 1.10' Lt+ "I-680" +50, FAB 369.00 4.00' Lt+ "I-680" +50, ETW 368.94 14.66' Lt+ "I-680" +50, S/C (368.71)	10.82' Rt+ "I-680" +50, ETW 369.05 7.00' Rt+ "I-680" +50, S/C (369.12) 2.00' Lt+ "I-680" +50, FAB 369.25 0.00' Lt+ "I-680" +50, FAB 369.25 4.00' Lt+ "I-680" +50, ETW 369.15 14.71' Lt+ "I-680" +50, S/C (368.99)	11.00' Rt+ "I-680" +50, ETW 369.32 7.00' Rt+ "I-680" +50, S/C (369.39) 2.00' Lt+ "I-680" +50, FAB 369.49 0.00' Lt+ "I-680" +50, FAB 369.41 4.00' Lt+ "I-680" +50, ETW 369.39 14.67' Lt+ "I-680" +50, S/C (369.36)	11.00' Rt+ "I-680" +50, ETW 369.59 7.00' Rt+ "I-680" +50, S/C (369.67) 2.00' Lt+ "I-680" +50, FAB 369.76 0.00' Lt+ "I-680" +50, FAB 369.58 4.00' Lt+ "I-680" +50, ETW 369.62 14.51' Lt+ "I-680" +50, S/C (369.73)	11.21' Rt+ "I-680" +50, ETW 370.01 7.00' Rt+ "I-680" +50, S/C (370.09) 2.00' Lt+ "I-680" +50, FAB 370.18 0.00' Lt+ "I-680" +50, FAB 370.03 4.00' Lt+ "I-680" +50, ETW 370.09 14.33' Lt+ "I-680" +50, S/C (370.23)	11.06' Rt+ "I-680" +50, ETW 370.61 7.00' Rt+ "I-680" +50, S/C (370.68) 2.00' Lt+ "I-680" +50, FAB 370.77 0.00' Lt+ "I-680" +50, FAB 370.57 4.00' Lt+ "I-680" +50, ETW 370.63 14.33' Lt+ "I-680" +50, S/C (370.76)	10.88' Rt+ "I-680" +50, ETW 371.28 7.00' Rt+ "I-680" +50, S/C (371.33) 2.00' Lt+ "I-680" +50, FAB 371.40 0.00' Lt+ "I-680" +50, FAB 371.19 4.00' Lt+ "I-680" +50, ETW 371.26 14.33' Lt+ "I-680" +50, S/C (371.46)	10.83' Rt+ "I-680" +50, ETW 372.07 7.00' Rt+ "I-680" +50, S/C (372.13) 2.00' Lt+ "I-680" +50, FAB 372.21 0.00' Lt+ "I-680" +50, FAB 372.15 4.00' Lt+ "I-680" +50, ETW 372.21 14.36' Lt+ "I-680" +50, S/C (372.34)	10.73' Rt+ "I-680" +50, ETW 373.13 7.00' Rt+ "I-680" +50, S/C (373.20) 2.00' Lt+ "I-680" +50, FAB 373.30 0.00' Lt+ "I-680" +50, FAB 373.20 4.00' Lt+ "I-680" +50, ETW 373.20 14.42' Lt+ "I-680" +50, S/C (373.38)	10.63' Rt+ "I-680" +50, ETW 374.28 7.00' Rt+ "I-680" +50, S/C (374.33) 2.00' Lt+ "I-680" +50, FAB 374.39 0.00' Lt+ "I-680" +50, FAB 374.26 4.00' Lt+ "I-680" +50, ETW 374.32 14.44' Lt+ "I-680" +50, S/C (374.46)	10.66' Rt+ "I-680" +50, ETW 375.38 7.00' Rt+ "I-680" +50, S/C (375.44) 2.00' Lt+ "I-680" +50, FAB 375.51 0.00' Lt+ "I-680" +50, FAB 375.39 4.00' Lt+ "I-680" +50, ETW 375.43 14.46' Lt+ "I-680" +50, S/C (375.52)
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10.66' Rt+ "I-680" +00, ETW 367.86 7.00' Rt+ "I-680" +00, S/C (367.94) 2.00' Rt+ "I-680" +00, FAB 368.06 0.00' Lt+ "I-680" +00, FAB 368.08 4.00' Lt+ "I-680" +00, ETW 368.00 14.47' Lt+ "I-680" +00, S/C (367.80)	10.87' Rt+ "I-680" +00, ETW 368.13 7.00' Rt+ "I-680" +00, S/C (368.21) 2.00' Lt+ "I-680" +00, FAB 368.32 0.00' Lt+ "I-680" +00, FAB 368.32 4.00' Lt+ "I-680" +00, ETW 368.29 14.41' Lt+ "I-680" +00, S/C (368.09)	11.00' Rt+ "I-680" +00, ETW 368.45 7.00' Rt+ "I-680" +00, S/C (368.54) 2.00' Lt+ "I-680" +00, FAB 368.66 0.00' Lt+ "I-680" +00, FAB 368.70 4.00' Lt+ "I-680" +00, ETW 368.60 14.47' Lt+ "I-680" +00, S/C (368.33)	11.05' Rt+ "I-680" +00, ETW 368.70 7.00' Rt+ "I-680" +00, S/C (368.79) 2.00' Lt+ "I-680" +00, FAB 368.91 0.00' Lt+ "I-680" +00, FAB 368.97 4.00' Lt+ "I-680" +00, ETW 368.87 14.61' Lt+ "I-680" +00, S/C (368.59)	10.90' Rt+ "I-680" +00, ETW 368.92 7.00' Rt+ "I-680" +00, S/C (368.99) 2.00' Lt+ "I-680" +00, FAB 369.09 0.00' Lt+ "I-680" +00, FAB 369.14 4.00' Lt+ "I-680" +00, ETW 369.06 14.70' Lt+ "I-680" +00, S/C (368.86)	10.90' Rt+ "I-680" +00, ETW 369.19 7.00' Rt+ "I-680" +00, S/C (369.28) 2.00' Lt+ "I-680" +00, FAB 369.39 0.00' Lt+ "I-680" +00, FAB 369.33 4.00' Lt+ "I-680" +00, ETW 369.28 14.70' Lt+ "I-680" +00, S/C (369.13)	10.94' Rt+ "I-680" +00, ETW 369.47 7.00' Rt+ "I-680" +00, S/C (369.54) 2.00' Lt+ "I-680" +00, FAB 369.64 0.00' Lt+ "I-680" +00, FAB 369.51 4.00' Lt+ "I-680" +00, ETW 369.51 14.60' Lt+ "I-680" +00, S/C (369.50)	11.18' Rt+ "I-680" +00, ETW 369.82 7.00' Rt+ "I-680" +00, S/C (369.91) 2.00' Lt+ "I-680" +00, FAB 370.00 0.00' Lt+ "I-680" +00, FAB 369.78 4.00' Lt+ "I-680" +00, ETW 369.83 14.39' Lt+ "I-680" +00, S/C (369.98)	11.17' Rt+ "I-680" +00, ETW 370.28 7.00' Rt+ "I-680" +00, S/C (370.36) 2.00' Lt+ "I-680" +00, FAB 370.46 0.00' Lt+ "I-680" +00, FAB 370.22 4.00' Lt+ "I-680" +00, ETW 370.30 14.32' Lt+ "I-680" +00, S/C (370.46)	10.95' Rt+ "I-680" +00, ETW 370.92 7.00' Rt+ "I-680" +00, S/C (371.02) 2.00' Lt+ "I-680" +00, FAB 371.07 0.00' Lt+ "I-680" +00, FAB 370.81 4.00' Lt+ "I-680" +00, ETW 370.89 14.33' Lt+ "I-680" +00, S/C (371.07)	10.86' Rt+ "I-680" +00, ETW 371.72 7.00' Rt+ "I-680" +00, S/C (371.74) 2.00' Lt+ "I-680" +00, FAB 371.77 0.00' Lt+ "I-680" +00, FAB 371.62 4.00' Lt+ "I-680" +00, ETW 371.69 14.34' Lt+ "I-680" +00, S/C (371.88)	10.79' Rt+ "I-680" +00, ETW 372.60 7.00' Rt+ "I-680" +00, S/C (372.66) 2.00' Lt+ "I-680" +00, FAB 372.76 0.00' Lt+ "I-680" +00, FAB 372.63 4.00' Lt+ "I-680" +00, ETW 372.63 14.39' Lt+ "I-680" +00, S/C (372.85)	10.67' Rt+ "I-680" +00, ETW 373.72 7.00' Rt+ "I-680" +00, S/C (373.76) 2.00' Lt+ "I-680" +00, FAB 373.82 0.00' Lt+ "I-680" +00, FAB 373.68 4.00' Lt+ "I-680" +00, ETW 373.74 14.44' Lt+ "I-680" +00, S/C (373.91)	10.64' Rt+ "I-680" +00, ETW 374.80 7.00' Rt+ "I-680" +00, S/C (374.86) 2.00' Lt+ "I-680" +00, FAB 374.94 0.00' Lt+ "I-680" +00, FAB 374.82 4.00' Lt+ "I-680" +00, ETW 374.88 14.43' Lt+ "I-680" +00, S/C (375.01)
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CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
SCALE: 1" = 50'

C-31

LAST REVISION: 09-29-21 DATE PLOTTED => 7-MAR-2022 TIME PLOTTED => 1:21:36

0:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga032.dgn

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	DESIGNED BY	MOHA MUDAQITO	REVISOR	BD
Abt Caltrans	ABHIJEET R. BHOI	CHECKED BY	TIANHUA SUN	DATE REVISED	9-29-21

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

USERNAME => p302438
DGN FILE => 0420000235ga032.dgn

RELATIVE BORDER SCALE IS IN INCHES

UNIT 0733

PROJECT NUMBER & PHASE

04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	105	1710

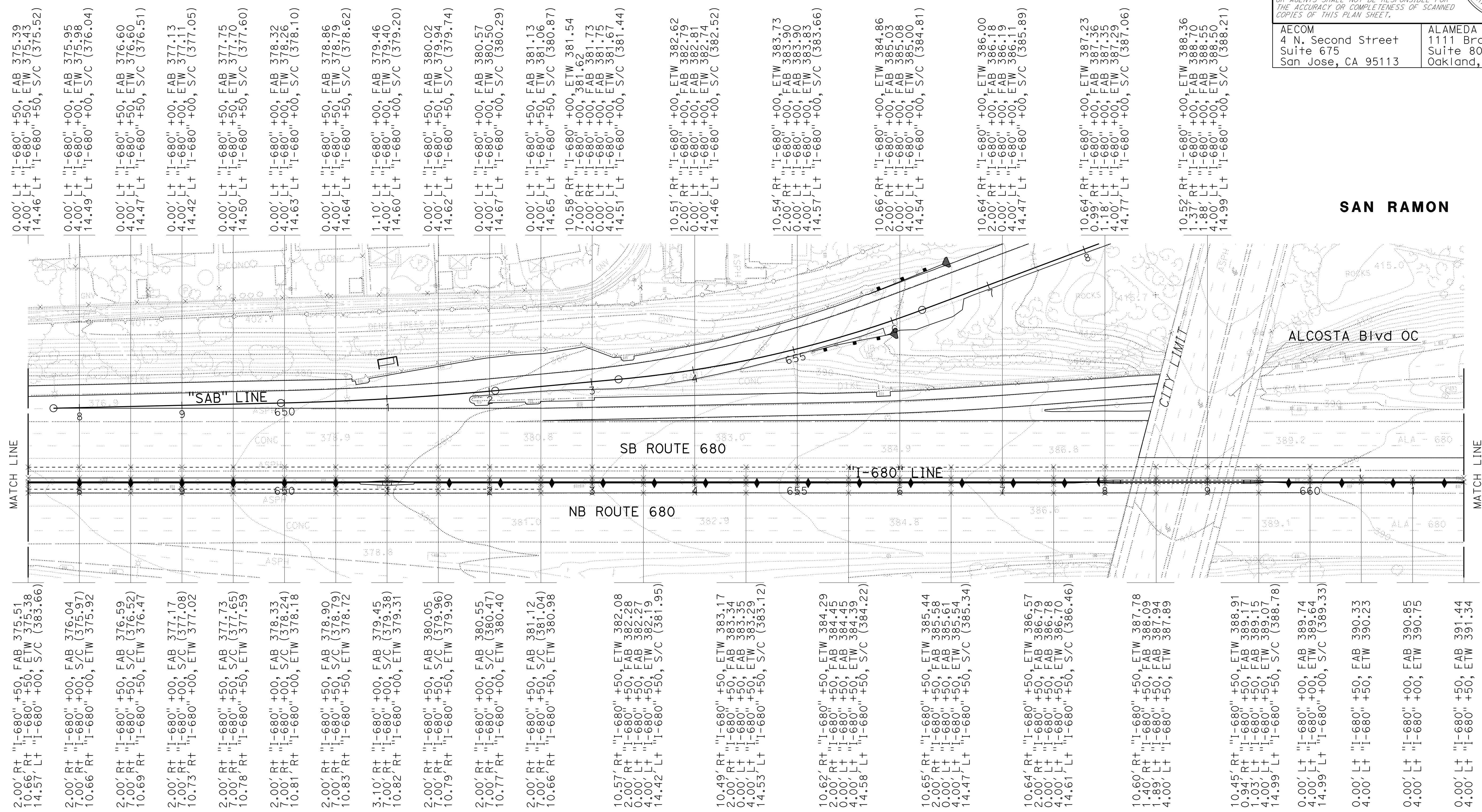
REGISTERED CIVIL ENGINEER **Abhijeet R. Bhoi** No. 68606 Exp. 9-30-23
 DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

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.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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DUBLIN

SAN RAMON



CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

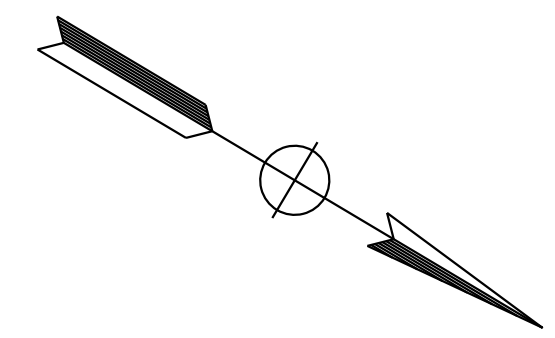
SCALE: 1" = 50'

C-32

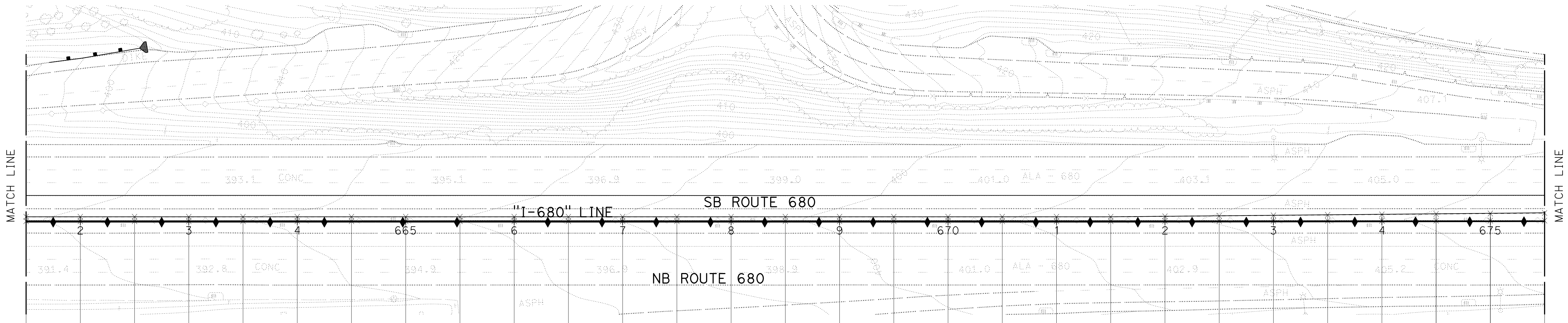
LAST REVISION => 7-MAR-2022
09-29-21 TIME PLOTTED => 12:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	106	1710

ARBhoi
 REGISTERED CIVIL ENGINEER DATE: 9-29-21
 October 8, 2021
 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.
 AECOM 4 N. Second Street Suite 675 San Jose, CA 95113
 ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607



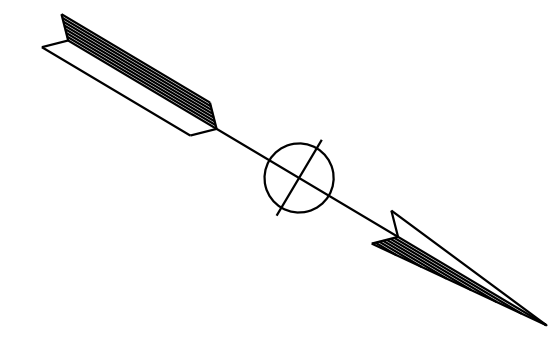
SAN RAMON



0.00' Lt "I-680" +50, FAB 391.44	0.00' Lt "I-680" +50, FAB 391.34	0.00' Lt "I-680" +50, FAB 391.99	0.00' Lt "I-680" +50, FAB 391.88	0.00' Lt "I-680" +50, FAB 392.52	0.00' Lt "I-680" +50, FAB 392.42	0.00' Lt "I-680" +50, FAB 393.06	0.00' Lt "I-680" +50, FAB 392.96	0.00' Lt "I-680" +50, FAB 393.61	0.00' Lt "I-680" +50, FAB 393.51	0.00' Lt "I-680" +50, FAB 394.13	0.00' Lt "I-680" +50, FAB 394.03	0.00' Lt "I-680" +50, FAB 394.62	0.00' Lt "I-680" +50, FAB 394.53	0.00' Lt "I-680" +50, FAB 395.21	0.00' Lt "I-680" +50, FAB 395.12	0.00' Lt "I-680" +50, FAB 395.84	0.00' Lt "I-680" +50, FAB 395.73	0.00' Lt "I-680" +50, FAB 396.36	0.00' Lt "I-680" +50, FAB 396.27	0.00' Lt "I-680" +50, FAB 396.89	0.00' Lt "I-680" +50, FAB 396.79	0.00' Lt "I-680" +50, FAB 397.42	0.00' Lt "I-680" +50, FAB 397.34	0.00' Lt "I-680" +50, FAB 398.01	0.00' Lt "I-680" +50, FAB 397.93	0.00' Lt "I-680" +50, FAB 398.55	0.00' Lt "I-680" +50, FAB 398.47	0.00' Lt "I-680" +50, FAB 399.17	0.00' Lt "I-680" +50, FAB 399.08	0.00' Lt "I-680" +50, FAB 399.76	0.00' Lt "I-680" +50, FAB 399.67	0.00' Lt "I-680" +50, FAB 400.41	0.00' Lt "I-680" +50, FAB 400.32	0.00' Lt "I-680" +50, FAB 401.00	0.00' Lt "I-680" +50, FAB 400.90	0.00' Lt "I-680" +50, FAB 401.55	0.00' Lt "I-680" +50, FAB 401.46	0.00' Lt "I-680" +50, FAB 402.00	0.00' Lt "I-680" +50, FAB 401.92	0.00' Lt "I-680" +50, FAB 402.60	0.00' Lt "I-680" +50, FAB 402.52	0.06' Lt "I-680" +50, FAB 403.25	4.44' Lt "I-680" +50, FAB 403.14	0.12' Lt "I-680" +50, FAB 403.83	4.87' Lt "I-680" +50, FAB 403.70	0.19' Lt "I-680" +50, FAB 404.26	5.31' Lt "I-680" +50, FAB 404.15	0.25' Lt "I-680" +50, FAB 404.87	5.75' Lt "I-680" +50, FAB 404.75	0.31' Lt "I-680" +50, FAB 405.42	6.19' Lt "I-680" +50, FAB 405.28	0.37' Lt "I-680" +50, FAB 406.00	6.63' Lt "I-680" +50, FAB 405.87	0.44' Lt "I-680" +50, FAB 406.58	7.06' Lt "I-680" +50, FAB 406.44	0.50' Lt "I-680" +50, FAB 407.12	7.50' Lt "I-680" +50, FAB 406.99
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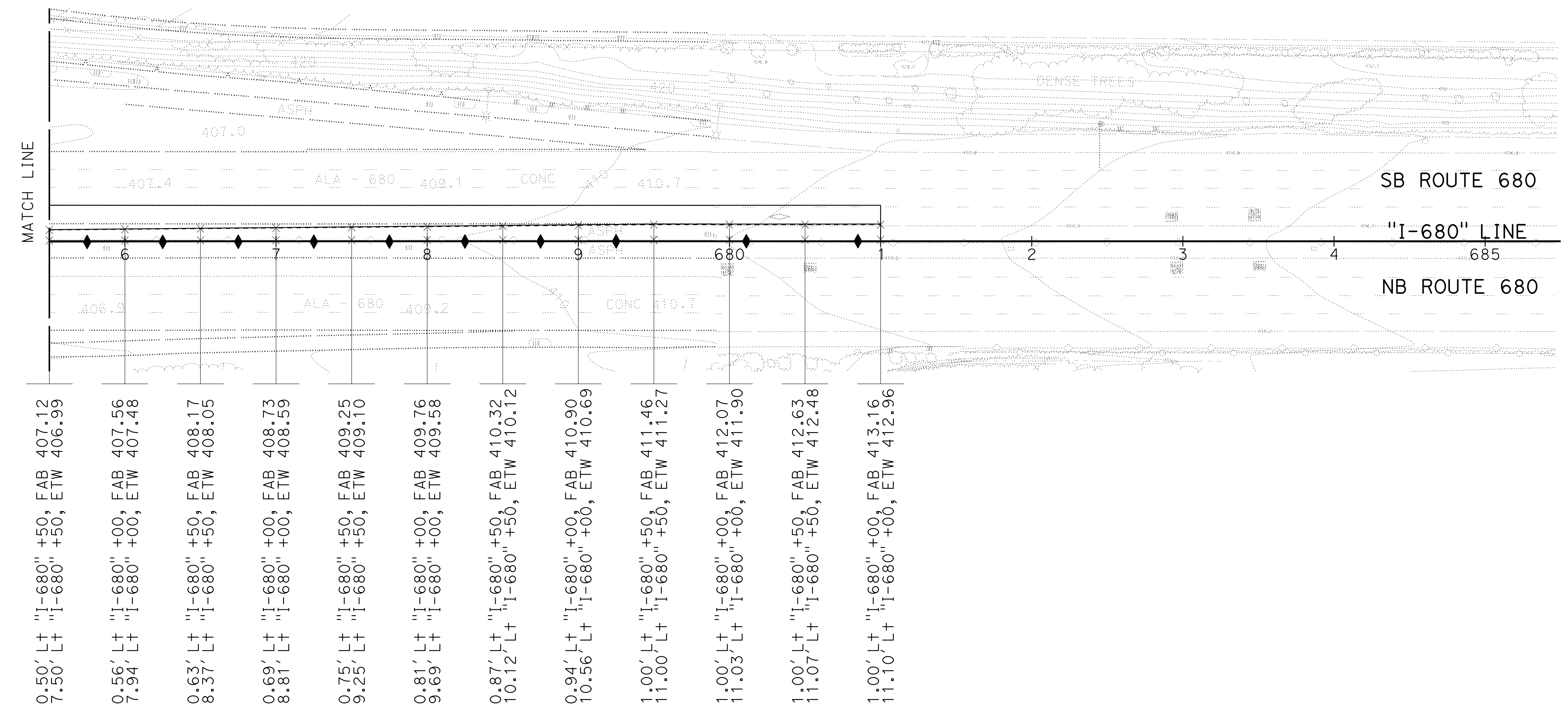
FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
 SCALE: 1" = 50' **C-33**



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	107	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			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>					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

SAN RAMON



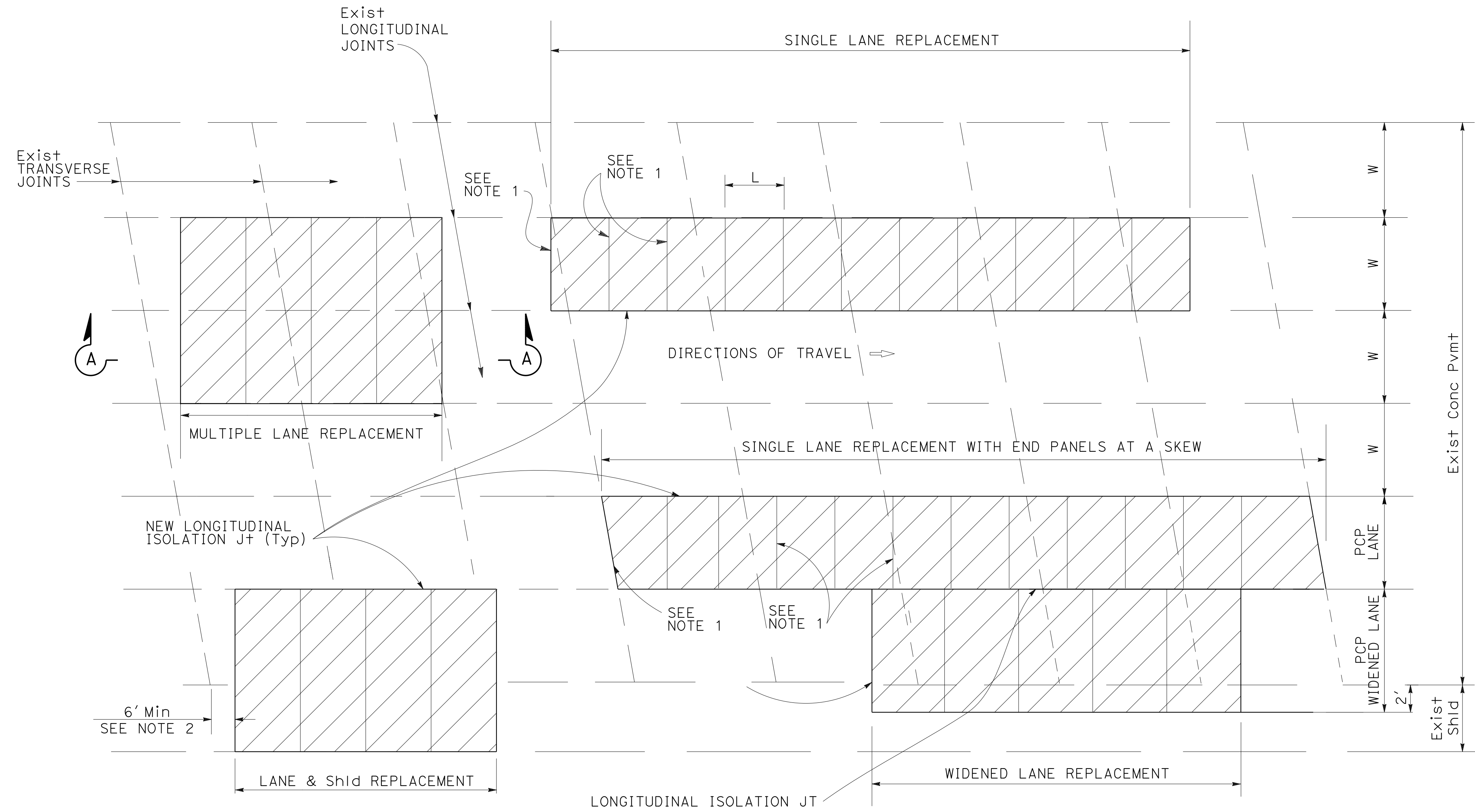
FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
 SCALE: 1" = 50'
C-34

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	108	1710

REGISTERED CIVIL ENGINEER **CHUONG NGUYEN** No. C46770 Exp. 6-30-23 CIVIL
 DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113
 ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607



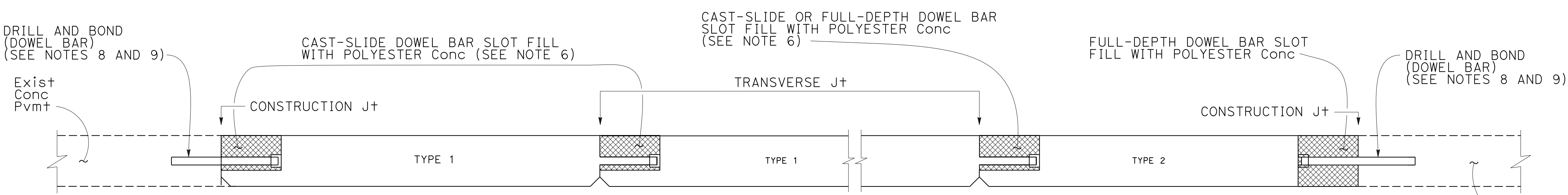
NOTES:

- FOR DETAILS NOT SHOWN, SEE "PRECAST CONCRETE PAVEMENT JOINT DETAILS", "DOWEL BARS AND SLOTS", "CAST-SLIDE INSTALLATION" AND "PANEL GRADING" DETAIL SHEETS.
- 6' Min DIMENSION OF Exist PAVEMENT SLABS MUST REMAIN.
- PRECAST PANELS MAY BE TRIMMED 2" Max. AT EDGES THAT ARE NOT DOWELLED OR SLOTTED.
- TO PROVIDE A CLEAN STRAIGHT LONGITUDINAL JOINT BETWEEN PCP AND EXIST. LANE, CUT UP TO 6" INTO THE ADJACENT LANE.
- FOR IMPRESSION DEPTH AND DATE STAMP DETAIL, SEE STANDARD PLAN P8. USE "PR" FOR PRECAST REINFORCED AND "PT" FOR PRETENSIONED ALTERNATIVES TO REPLACE "P". REPLACE "???" WITH CONTRACT NUMBER.
- USE FULL-DEPTH SLOTS, IF SLIDING PANEL IS NOT PRACTICAL.
- LUBRICATE THE FREE END OF DOWEL BARS AND PLACE AN EXPANSION CAP.
- USE ONLY 4 DOWEL BARS PER WHEEL PATH AT CONSTRUCTION JOINT BETWEEN PRECAST AND EXISTING PAVEMENT.
- ELIMINATE DOWELS AND/OR SLOTS WHEN ADJACENT TO HMA PAVEMENT.
- FOR LOOP DETECTOR DETAILS, REFER TO ELECTRICAL PLANS.

ABBREVIATION:

PCP PRECAST CONCRETE PAVEMENT

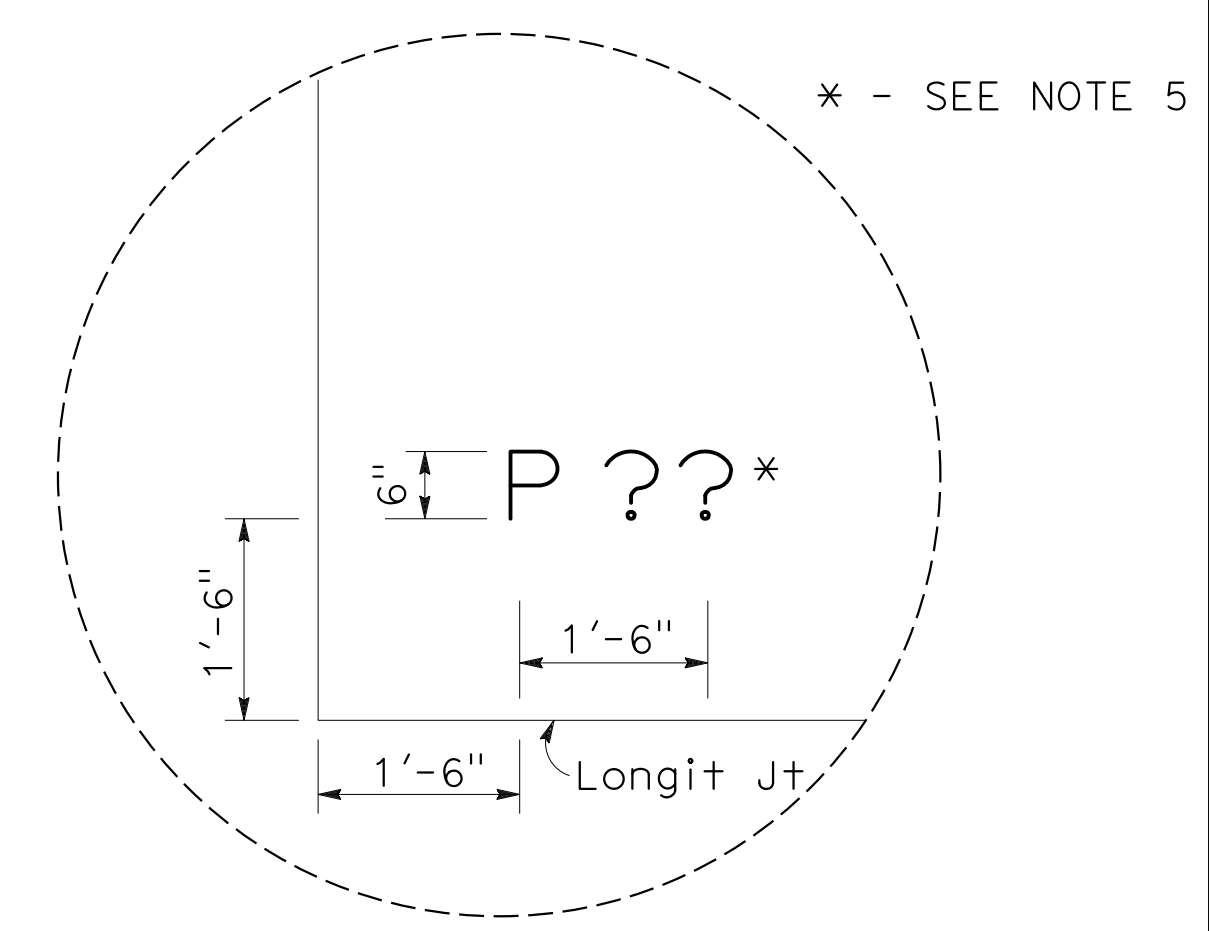
PLAN



**SECTION A-A
LANE REPLACEMENT**

LEGEND:

- REPLACE EXISTING PAVEMENT WITH PCP
- POLYESTER CONCRETE



PRECAST STAMP DETAIL

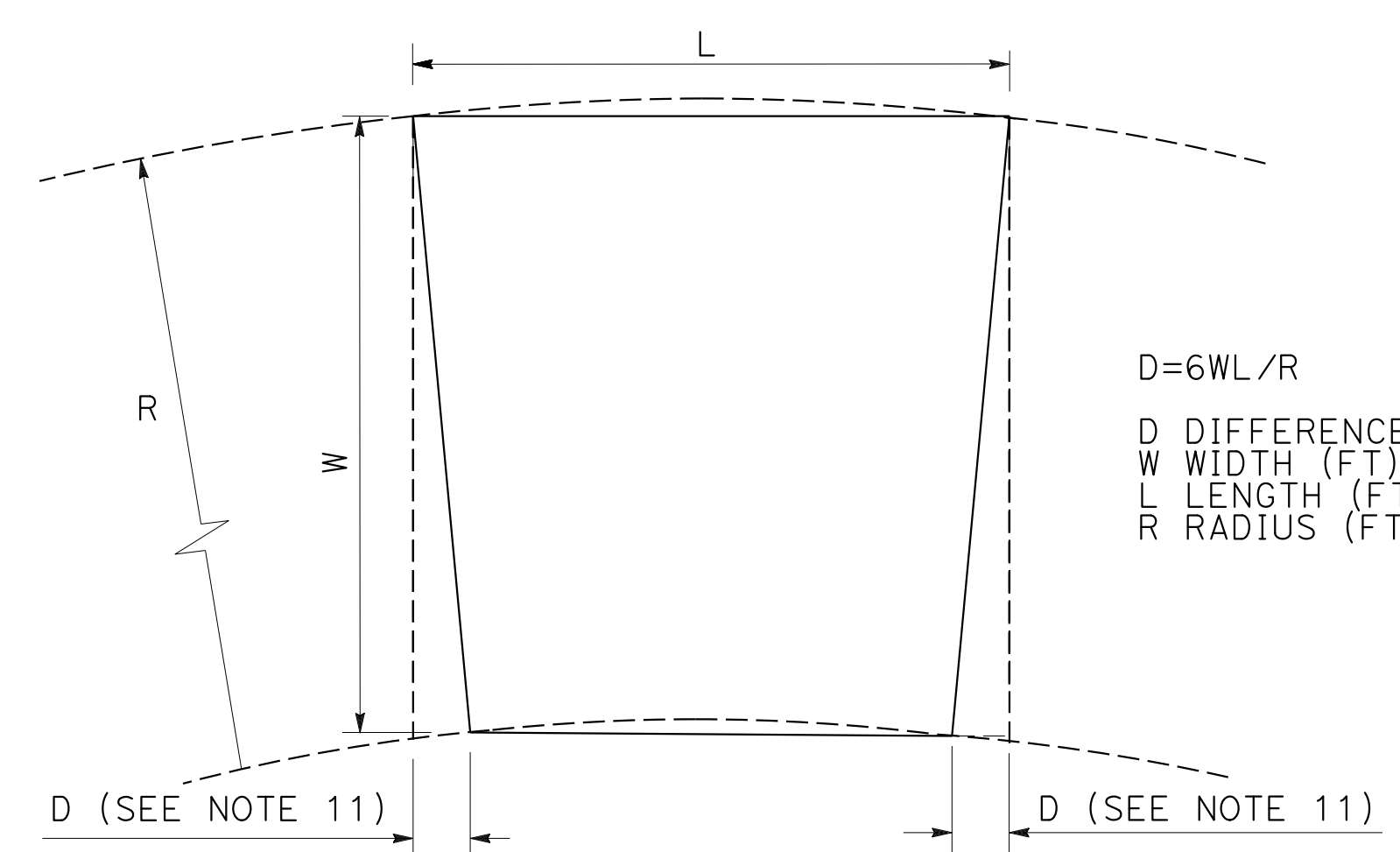
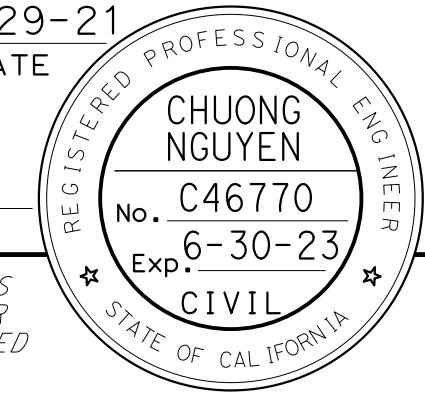
**CONSTRUCTION DETAILS
PRECAST CONCRETE PAVEMENT
GENERAL
NO SCALE**

0:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga035.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISOR: CC
 DATE: 9-29-21
 SUPERVISOR: JOHN NGUYEN
 SUPERVISOR: TIMOTHY J. LEE
 STATE OF CALIFORNIA
 Caltrans

LAST REVISION: DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:37

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHECKED BY:
 CHARLIE CHRES JOHN NGUYEN
 REVISED BY: DATE REVISED: CC 9-29-21
 REVISIONS:

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	109	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
			October 8, 2021		
			PLANS APPROVAL DATE		
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WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

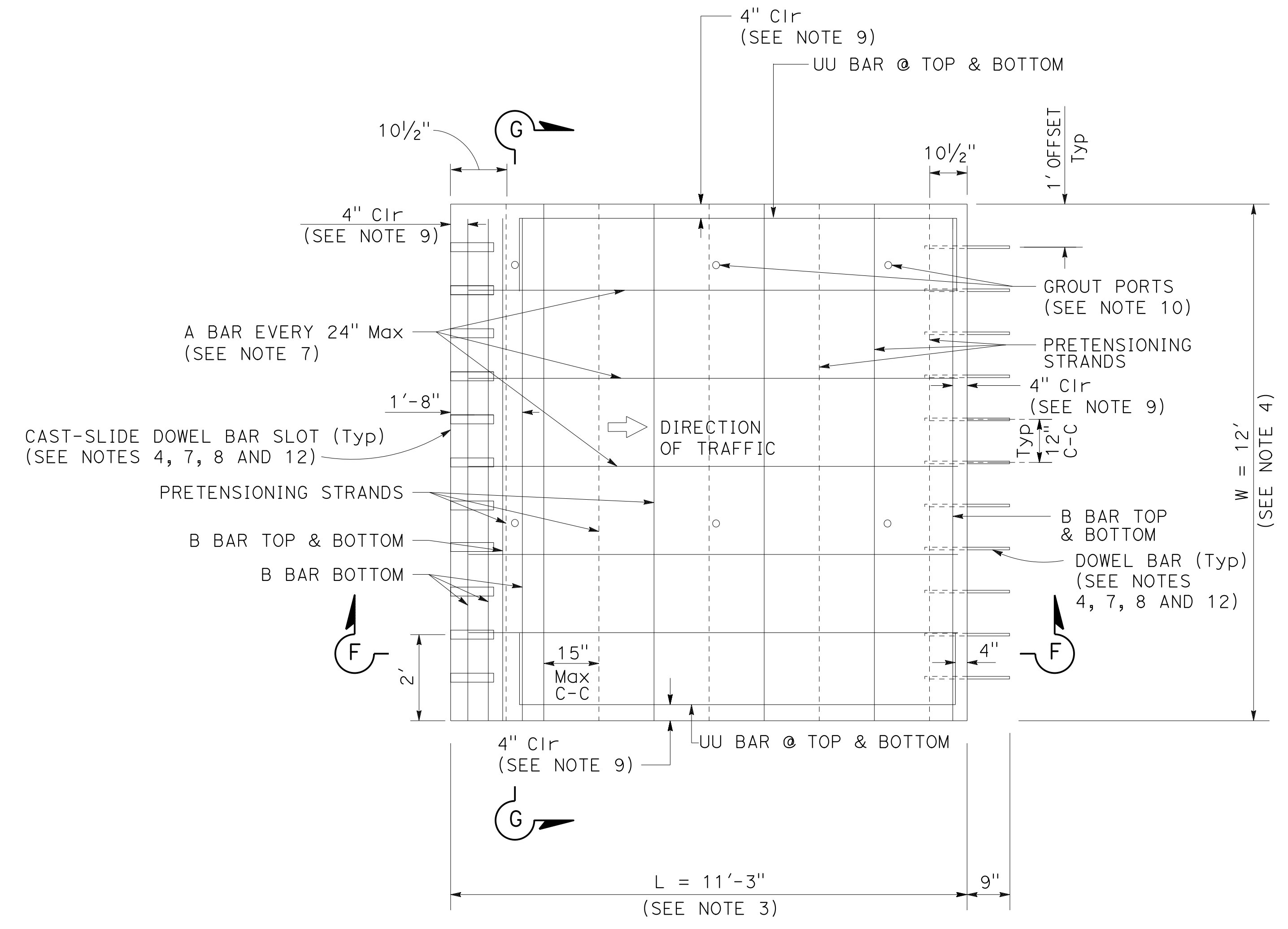


PANEL LAYOUT ON A CURVE

ABBREVIATION:
PCP PRECAST CONCRETE PAVEMENT

NOTES:

- VERIFY ALL DIMENSIONS BEFORE PANEL FABRICATION.
- FOR DETAILS NOT SHOWN, SEE "PRECAST CONCRETE PAVEMENT JOINTS", "DOWEL BARS AND SLOTS", "CAST-SLIDE INSTALLATION" AND "PANEL GRADING" DETAIL SHEETS.
- ADJUST L FROM 8' TO 15' Max TO CONFORM TO BRIDGES AND CHANGES IN PAVEMENT TYPES.
- FOR WIDTH OF PANEL (W) SEE TYPICAL CROSS-SECTION. WIDTH OF PANEL MUST BE 6' Min.
- FOR SECTIONS F-F AND G-G, SEE PCP "PANEL SECTION" DETAIL SHEET.
- DETERMINE THE TYPE, NUMBER, AND FINAL LOCATION OF LIFTING DEVICES.
- ADJUST REINFORCEMENT BARS, LIFTING DEVICES, AND GROUT PORTS TO ACCOMMODATE DOWEL BARS, DOWEL BAR SLOTS, AND PRETENSIONING STRANDS.
- DOWEL BAR SLOT OFFSET AND SPACING MUST MATCH OFFSET AND SPACING OF DOWELS IN ADJACENT PRECAST PAVEMENT.
- PRECAST PANELS MAY BE TRIMMED 2" Max AT EDGES THAT ARE NOT DOWELLED OR SLOTTED.
- PROVIDE AT LEAST ONE GROUT PORT ON EACH CORNER OF THE PANEL AT 2.5' + 0.5' FROM THE EDGES OF THE PANEL, AND PROVIDE ADDITIONAL PORTS WITH NO MORE THAN 5' DISTANCE MEASURED ALONG THE EDGE OF THE PANEL AND BETWEEN EACH OTHER.
- VERIFY THE DIMENSIONS OF THE PANELS ON A CURVE BASED ON FIELD MEASUREMENTS.
- USE ONLY 4 DOWEL BARS PER WHEEL PATH AT CONSTRUCTION JOINT BETWEEN PRECAST AND EXISTING PAVEMENT.
- ELIMINATE DOWELS AND/OR SLOTS WHEN ADJACENT TO HMA PAVEMENT.
- CLEARANCE (CIR) = LEAST DISTANCE BETWEEN THE SURFACE OF EMBEDDED REINFORCEMENT AND THE OUTER SURFACE OR EDGE OF CONCRETE.

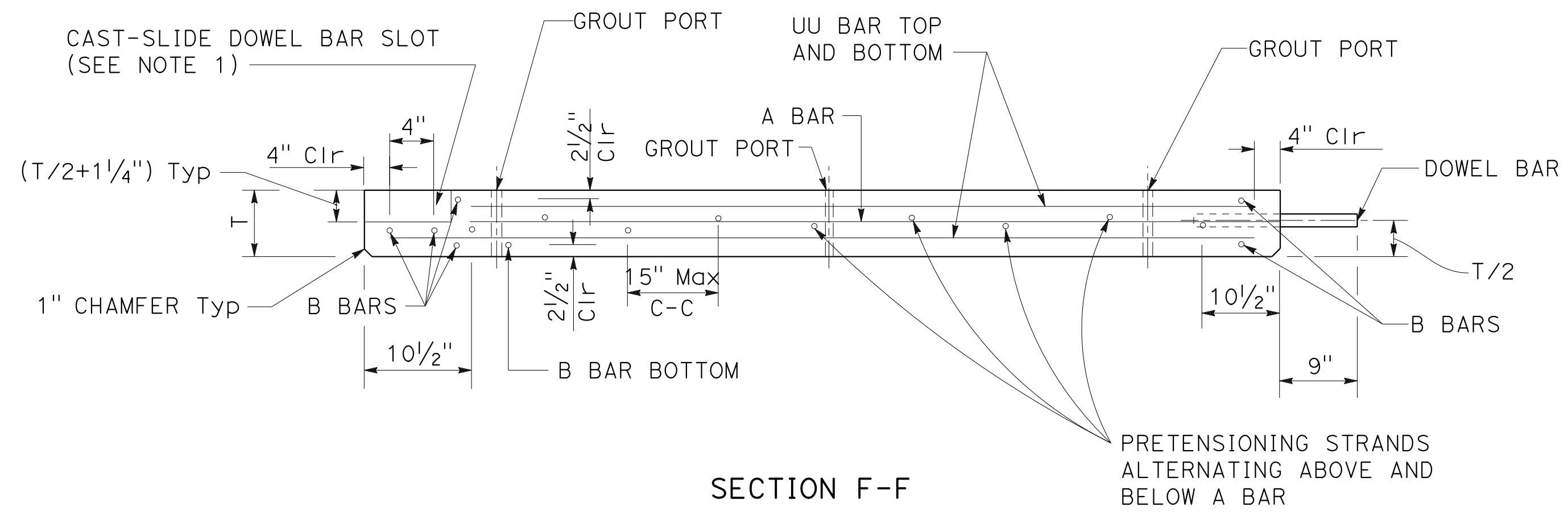


PRECAST PRETENSION PANEL

CONSTRUCTION DETAILS
PRECAST CONCRETE PAVEMENT PANEL

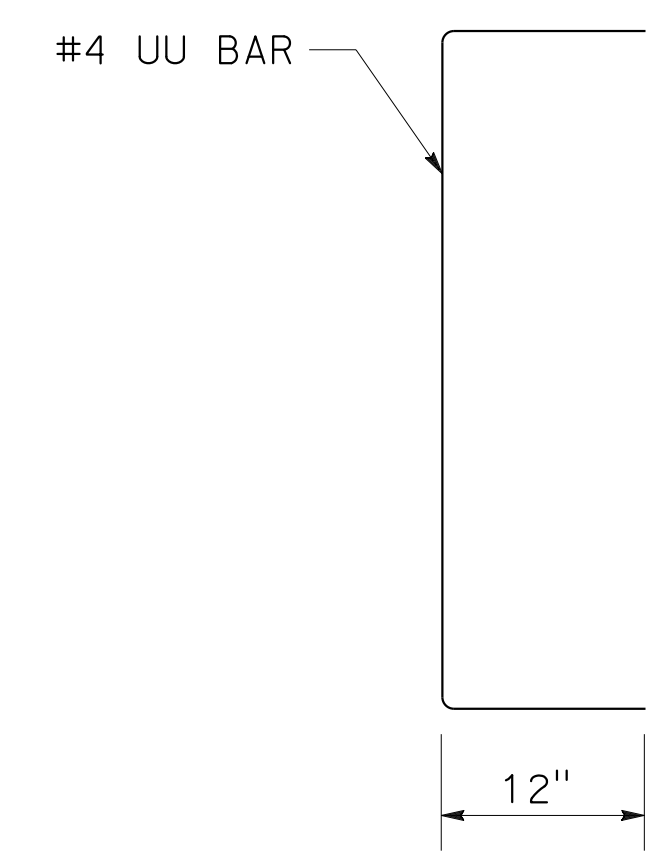
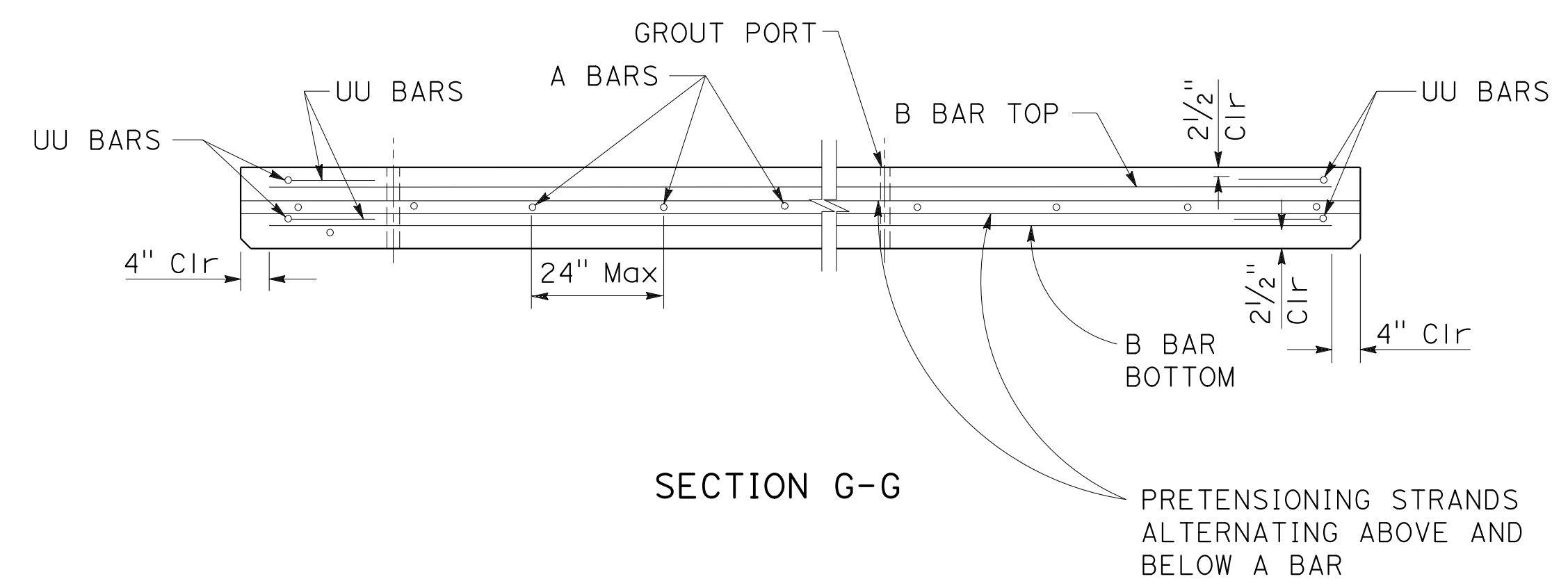
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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			REGISTERED CIVIL ENGINEER	9-29-21	DATE
			October 8, 2021	PLANS APPROVAL DATE	
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



NOTES:

1. VERIFY DIMENSIONS BEFORE PANEL FABRICATION.
2. FOR DETAILS NOT SHOWN, SEE STANDARD PLANS P7, P10, AND P18.
3. PANEL THICKNESS, T, AND VERTICAL REINFORCEMENT CLEARANCE SHOWN ARE BEFORE ANY POTENTIAL PROFILE GRINDING.
4. CLEARANCE (Cir) = LEAST DISTANCE BETWEEN THE SURFACE OF EMBEDDED REINFORCEMENT AND THE OUTER SURFACE OR EDGE OF CONCRETE.

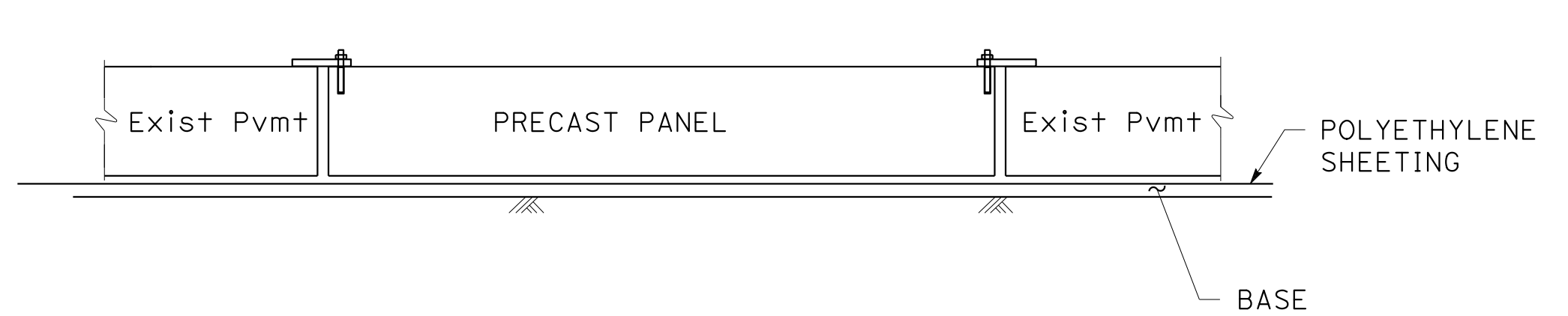
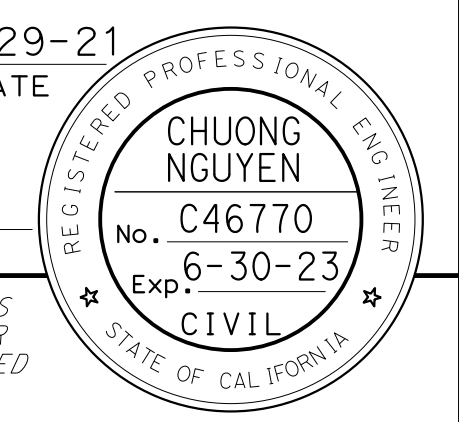


PRECAST PRETENSION PANEL DETAILS

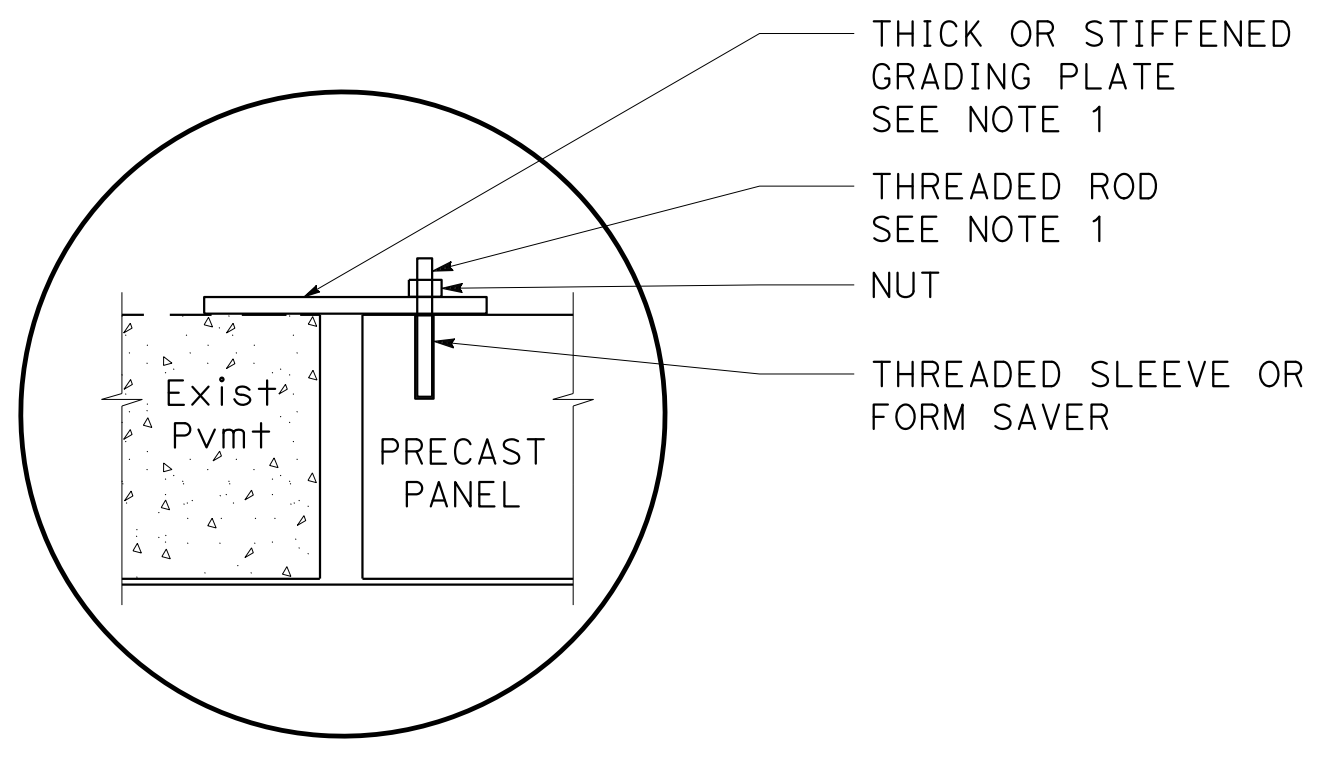
**CONSTRUCTION DETAILS
PRECAST CONCRETE PAVEMENT
PANEL SECTION
NO SCALE**

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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 09-29-21 TIME PLOTTED => 12:37

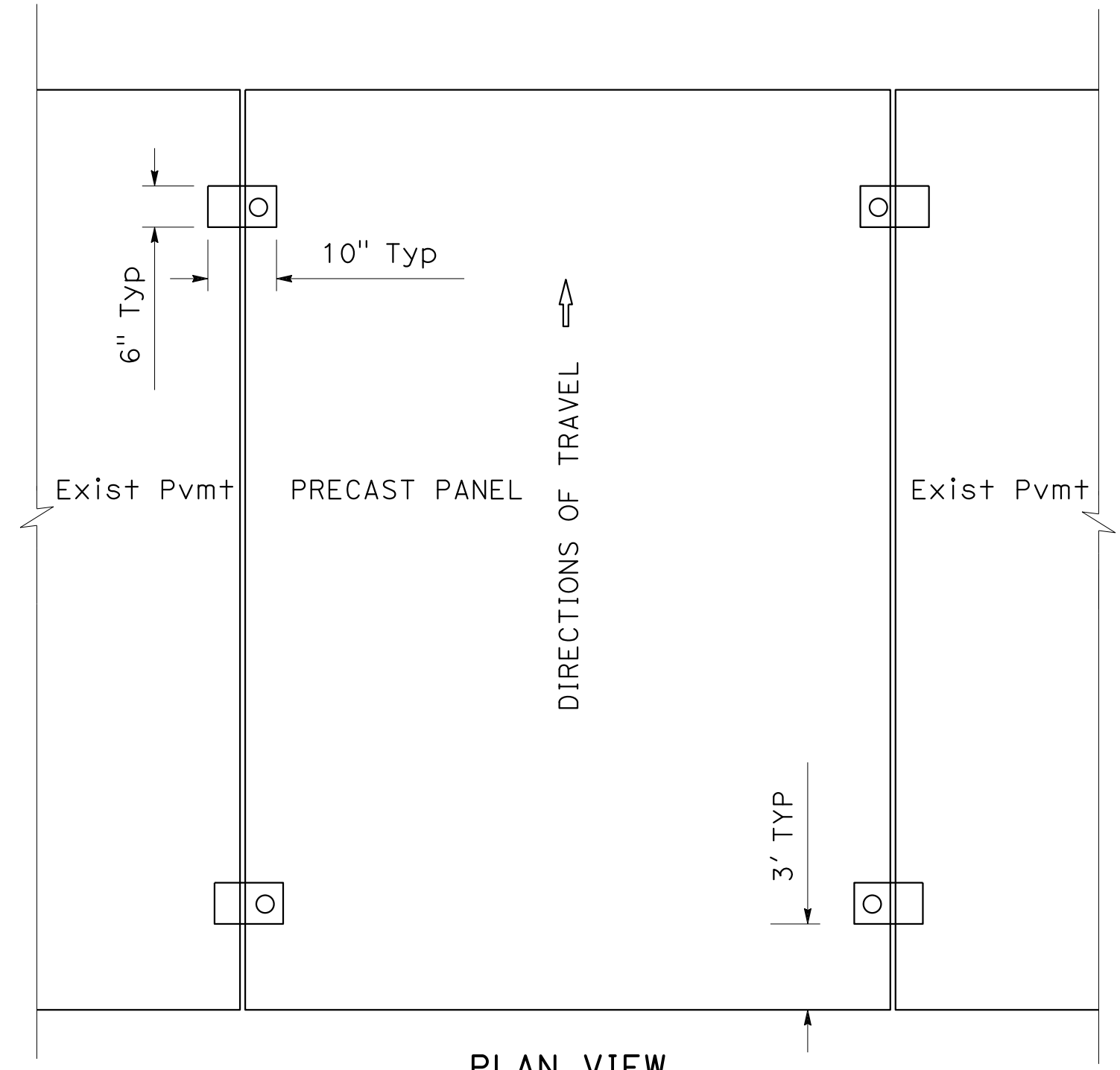
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			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
			October 8, 2021		
PLANS APPROVAL DATE					
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SECTION VIEW

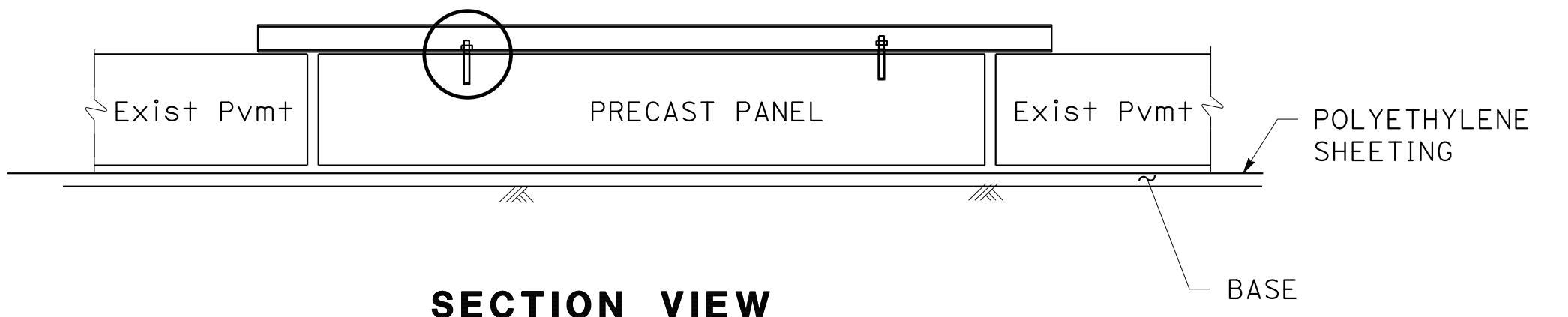


GRADING BRACKET DETAIL

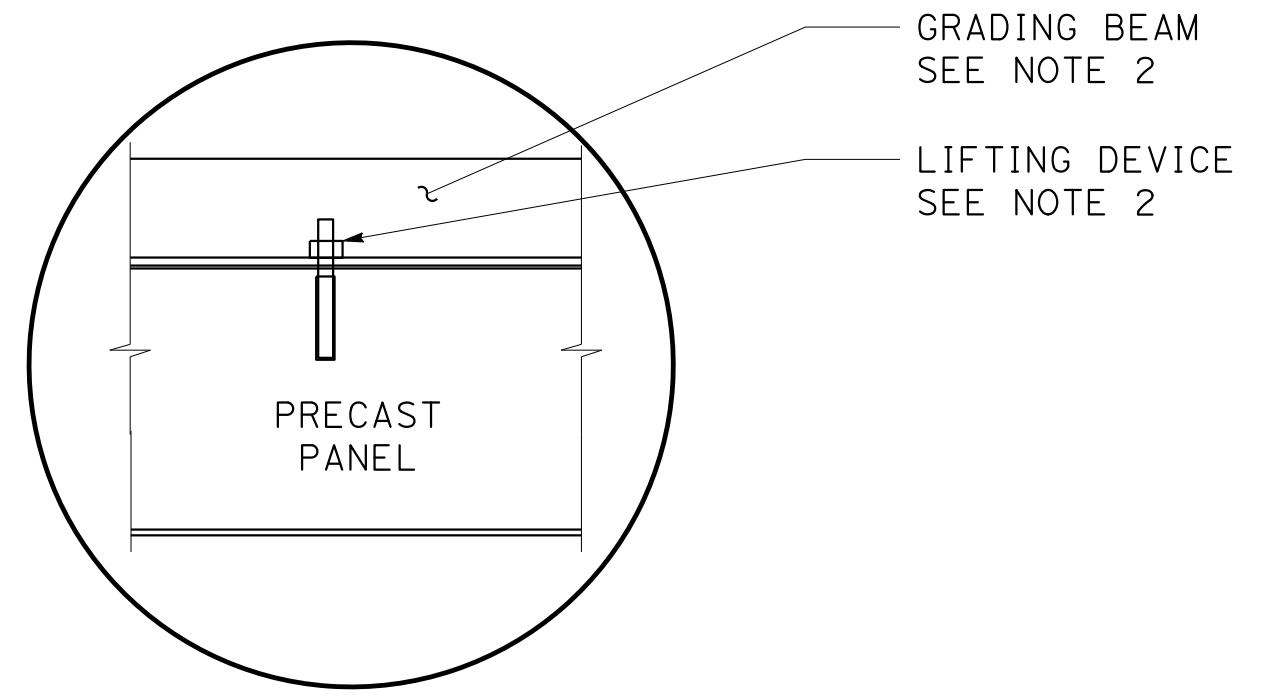


PLAN VIEW

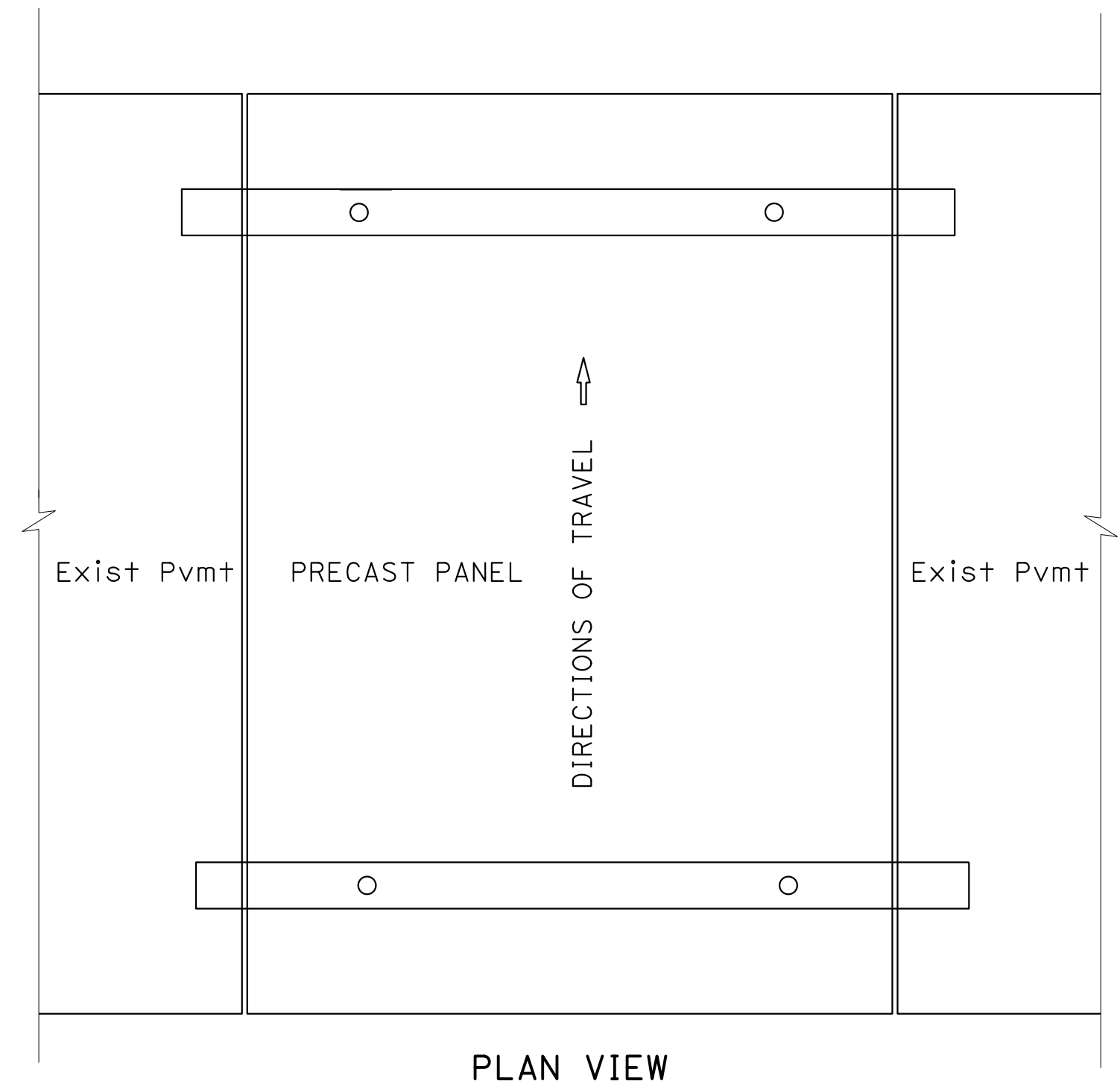
ALTERNATIVE 1 - GRADING BRACKET



SECTION VIEW



GRADING BEAM DETAIL



PLAN VIEW

ALTERNATIVE 2 - GRADING BEAM

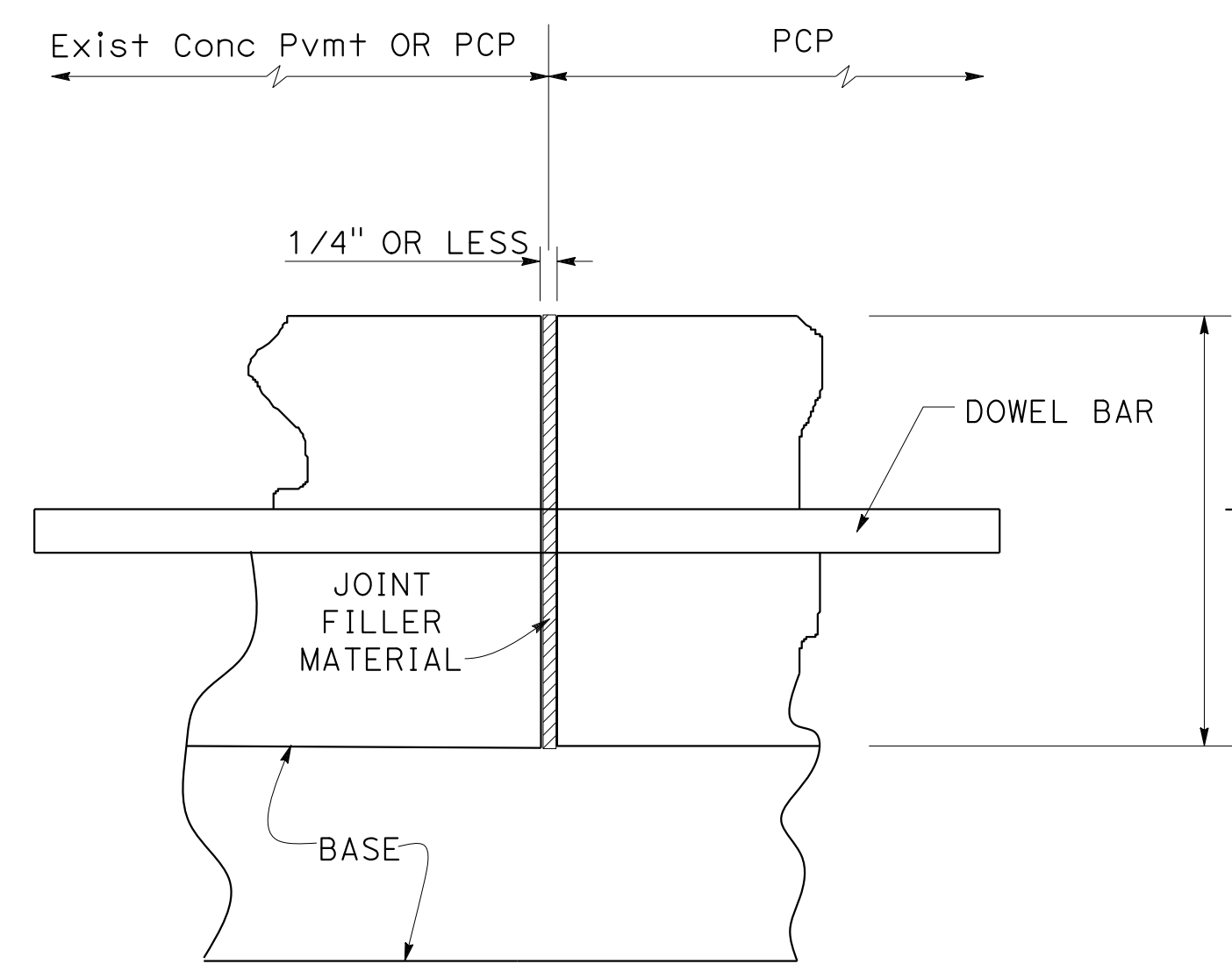
NOTES:

1. THREADED RODS AND GRADING PLATES MUST BE REMOVED ONLY AFTER UNDER SLAB GROUT IS SET.
2. GRADING BEAMS MUST BE REMOVED ONLY AFTER UNDER SLAB GROUT IS SET.

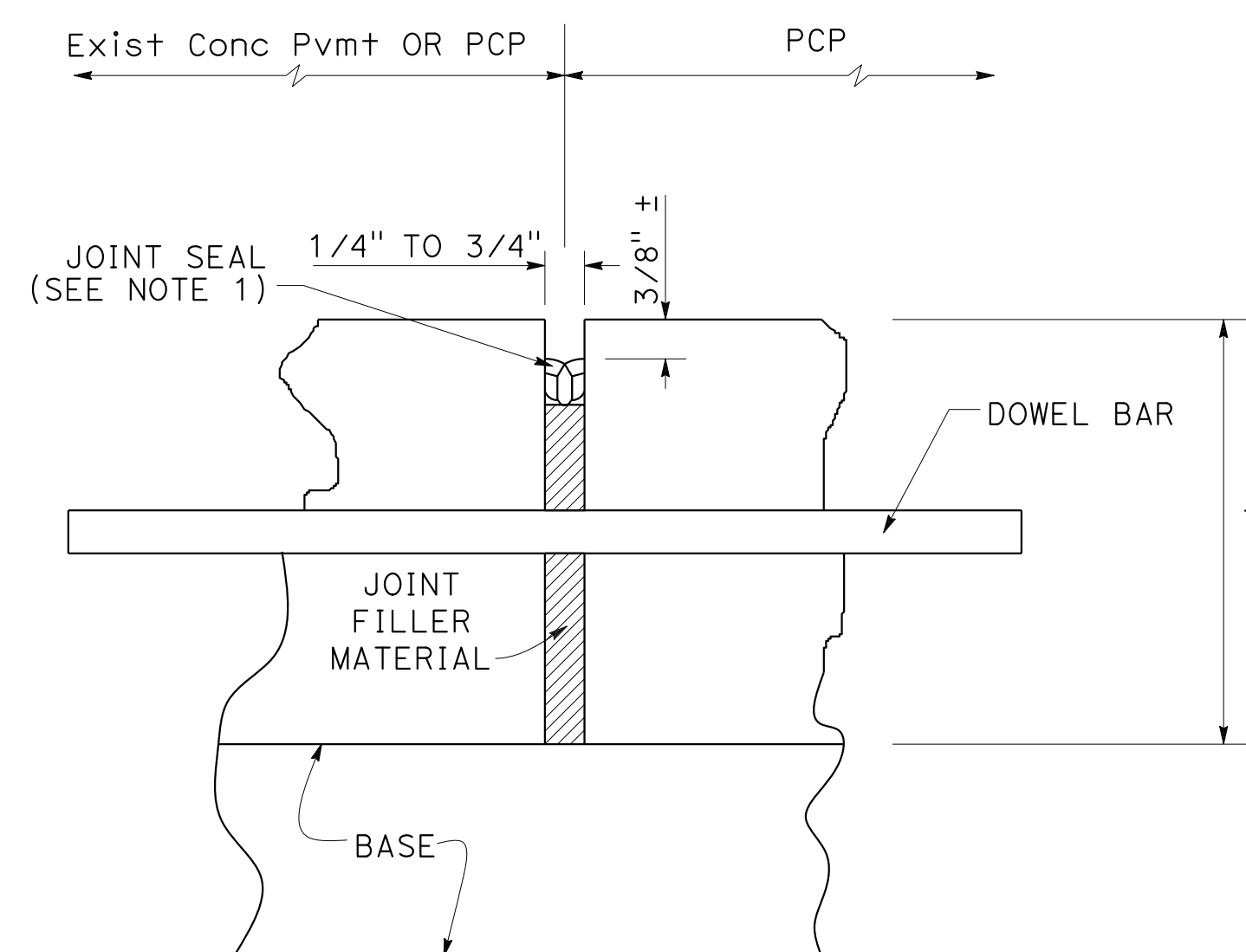
CONSTRUCTION DETAILS
 PRECAST CONCRETE PAVEMENT
 PANEL GRADING
 NO SCALE

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans
 CONSULTANT - FUNCTIONAL SUPERVISOR
 TIMOTHY J. LEE
 CALCULATED - DESIGNED BY
 CHECKED BY
 JOHN NGUYEN
 CHARLIE CHRES
 REVISED BY
 DATE
 9-29-21
 CC

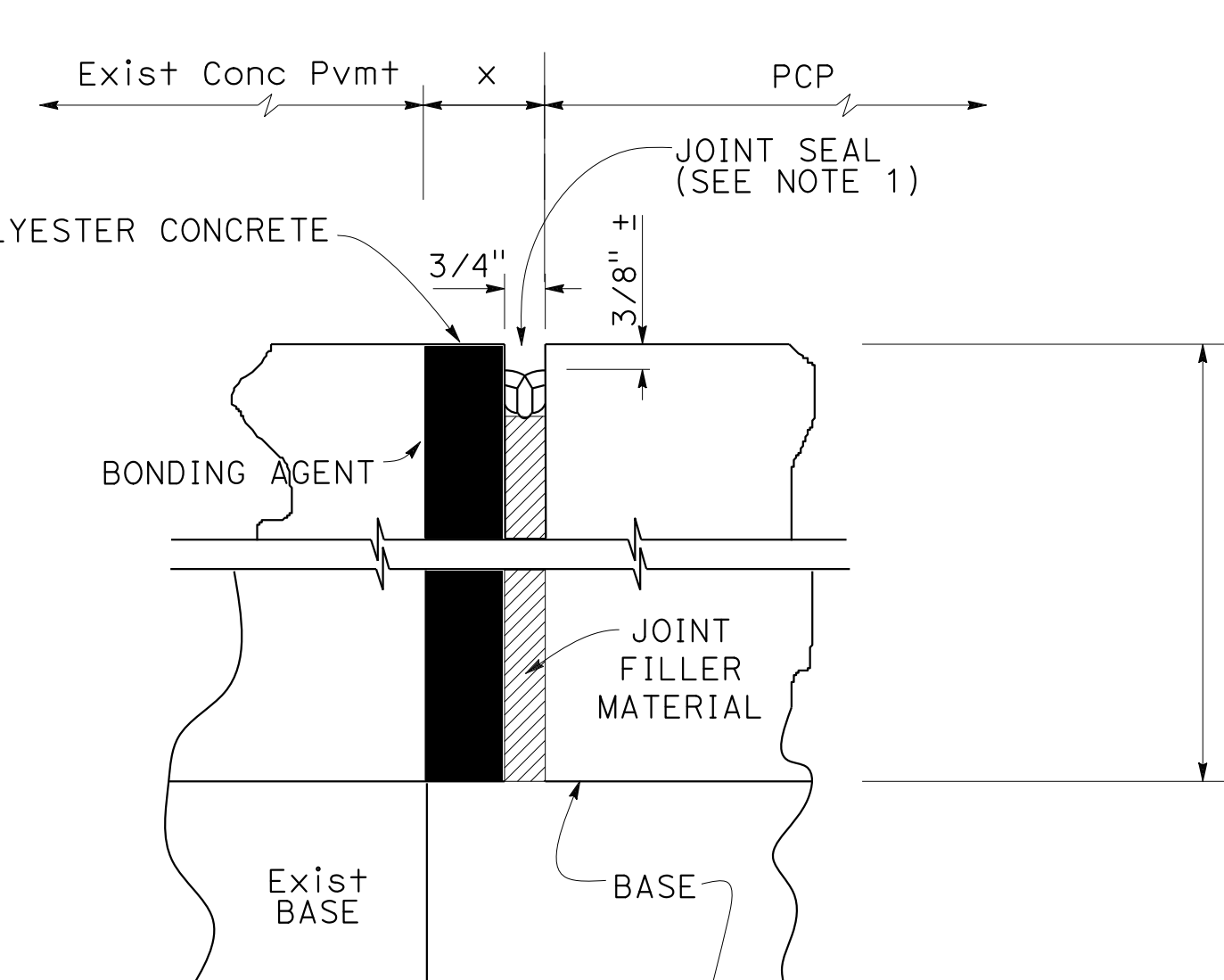
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REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			PLANS APPROVAL DATE		
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JOINT DETAIL (NO SEAL)
(FOR JOINT WIDTHS 1/4" OR LESS)



JOINT DETAIL (WITH SEAL)
(FOR JOINT WIDTHS BETWEEN 1/4" AND 3/4")



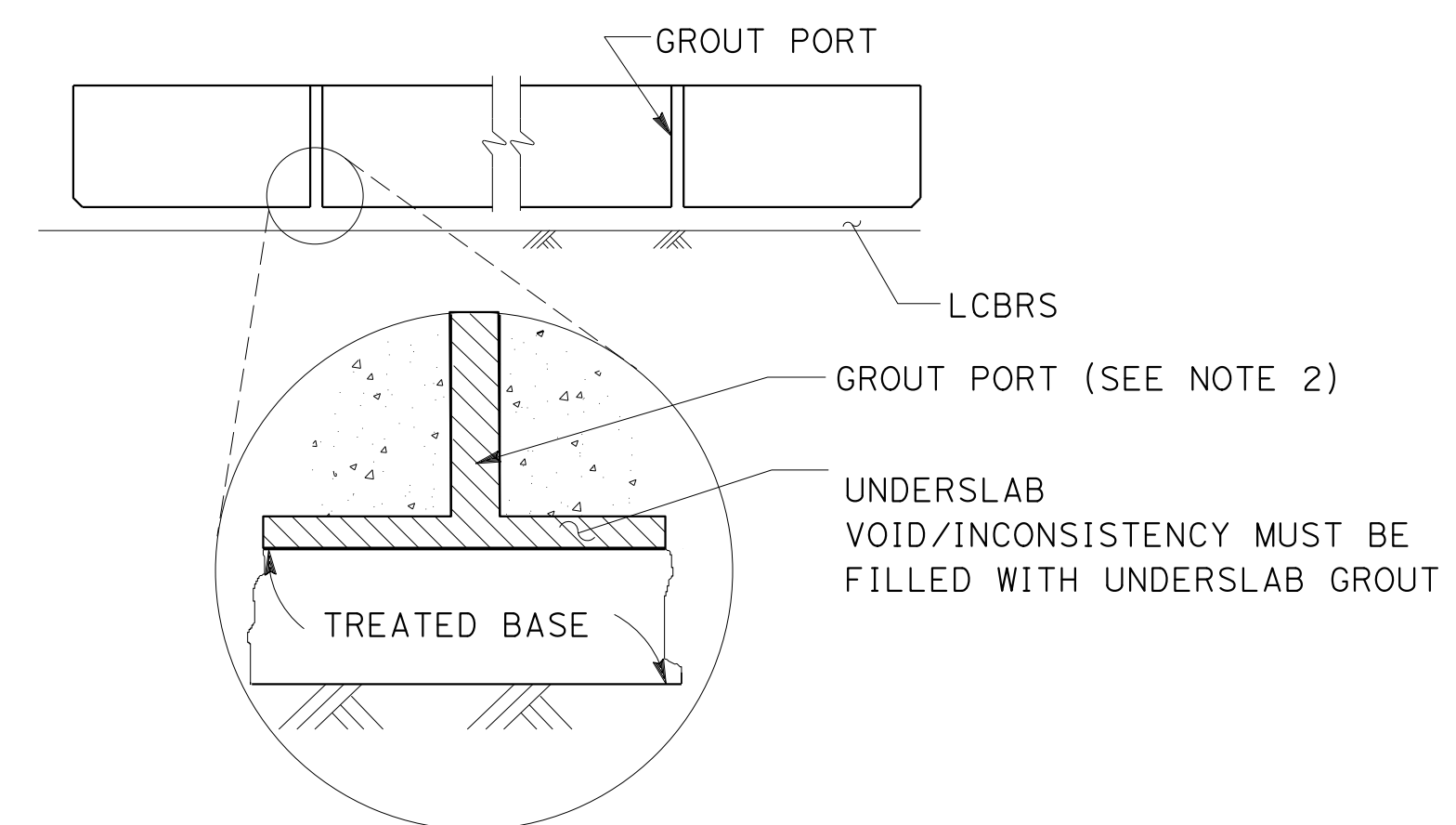
JOINT REPAIR DETAIL
(FOR JOINT WIDTHS MORE THAN 3/4" AND LESS THAN 1 1/2")

NOTES:

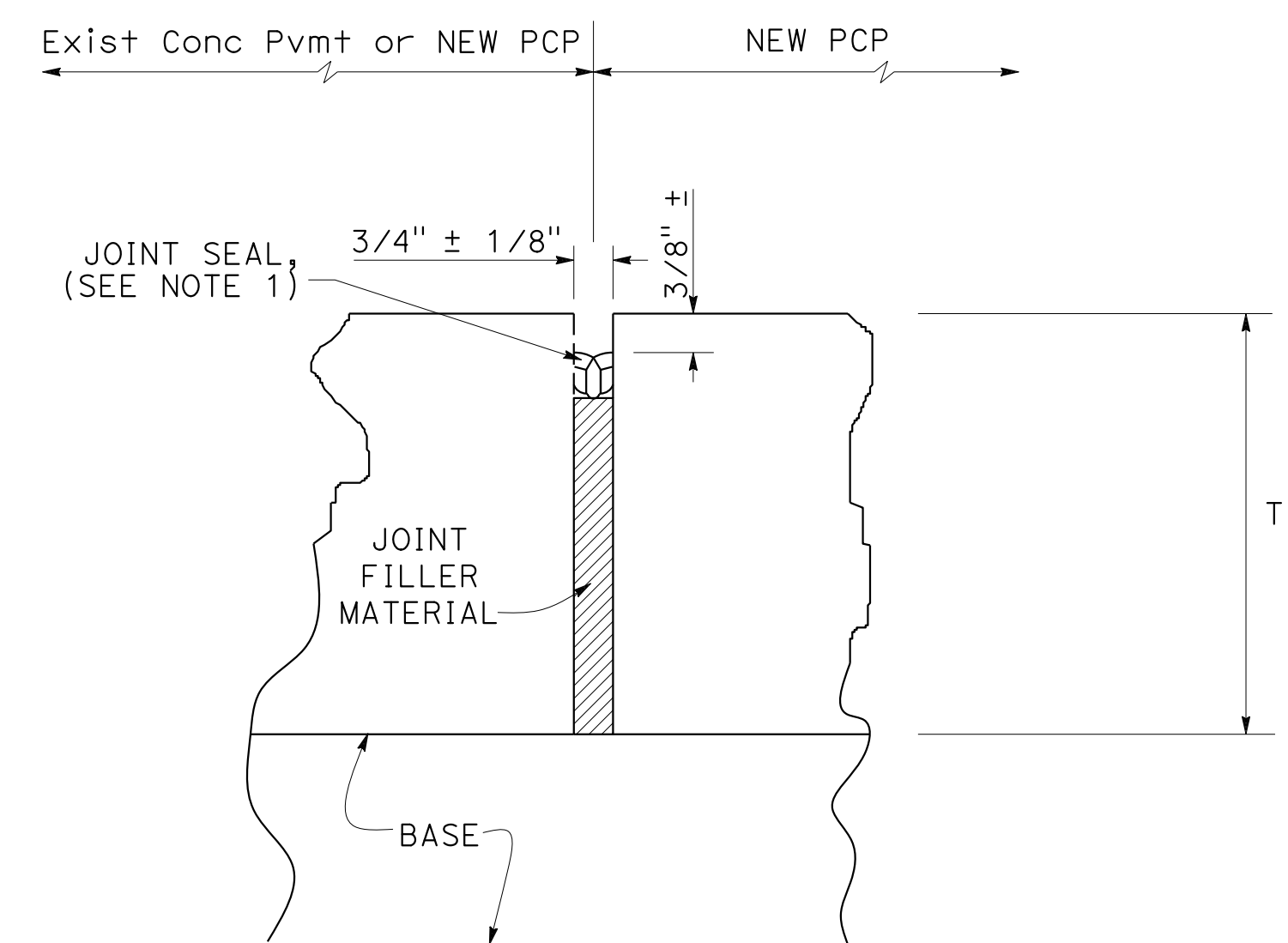
1. NOMINAL WIDTH FOR PREFORMED COMPRESSION SEALS MUST BE SELECTED BASED ON THE ACTUAL JOINT WIDTH SO THE SEALS ARE COMPRESSED 40 TO 50 PERCENT FOR THE JOINT WIDTH AND DEPTH.
2. FILL UP THE GROUT PORTS TO THE TOP OF PANELS.
3. ALL DIMENSIONS ON PANEL CROSS SECTION ARE REFERENCED TO AFTER ANY POTENTIAL GRINDING.

ABBREVIATION:

PCP PRECAST CONCRETE PAVEMENT



UNDERSLAB GROUT PORT



ISOLATION JOINT DETAIL

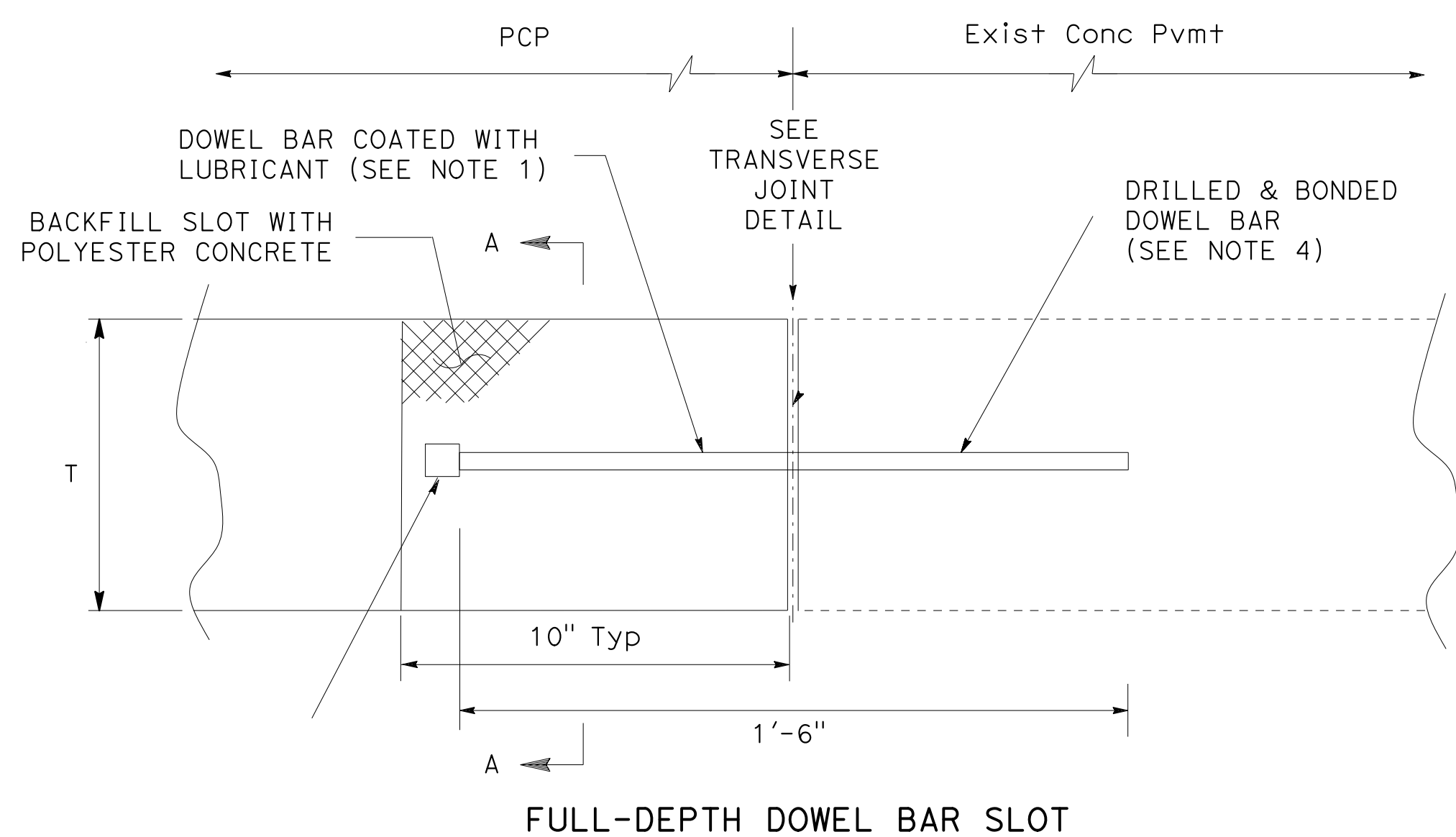
JOINT DETAILS

CONSTRUCTION DETAILS
PRECAST CONCRETE PAVEMENT

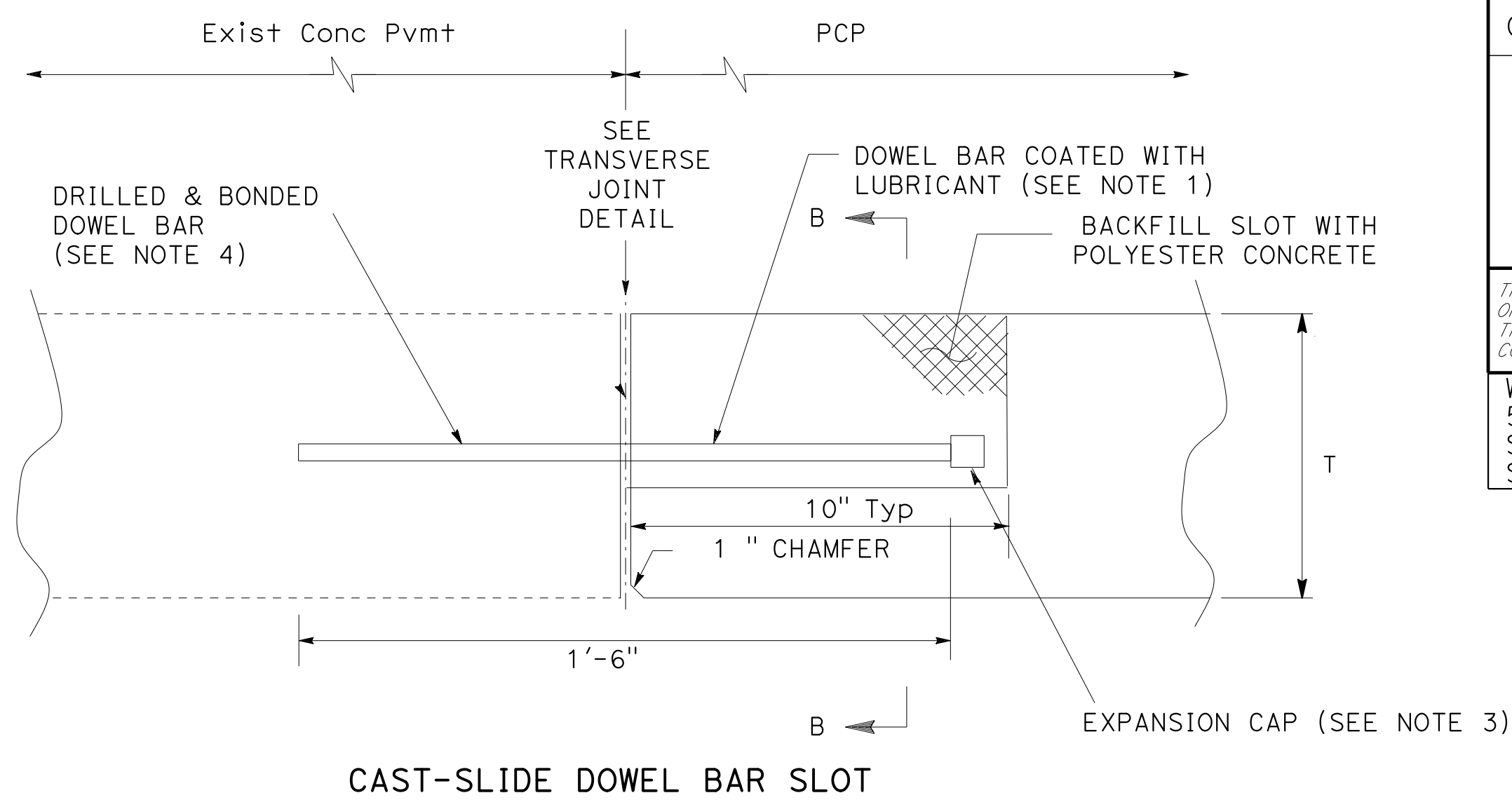
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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 CHARLIE CHRES
 JOHN NGUYEN
 TIMOTHY J. LEE
 CC
 9-29-21
 CALCULATED/DESIGNED BY
 CHECKED BY
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 CONSULTANT
 FUNCTIONAL SUPERVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	113	1710
			9-29-21 REGISTERED CIVIL ENGINEER DATE October 8, 2021 PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

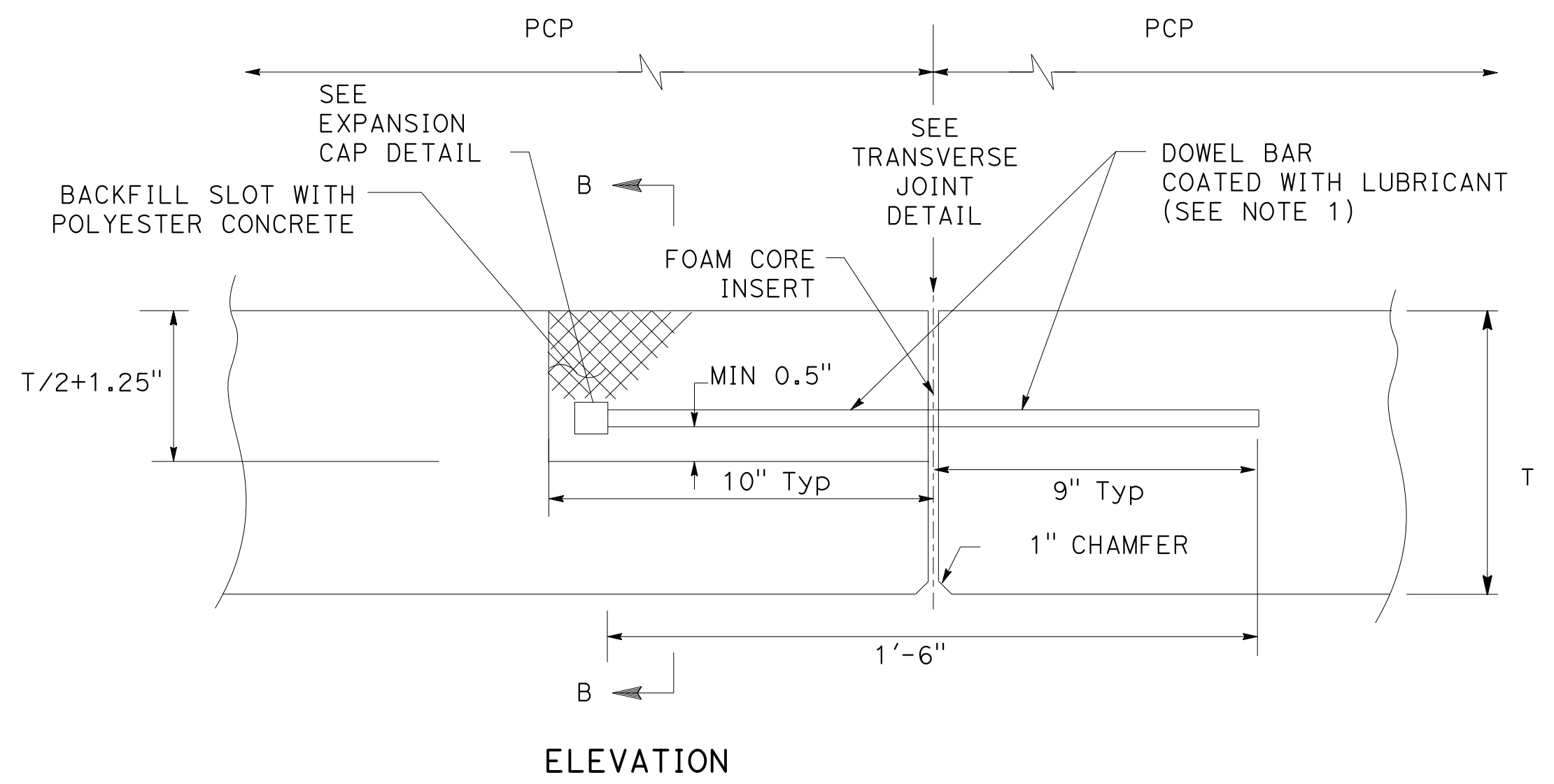


FULL-DEPTH DOWEL BAR SLOT

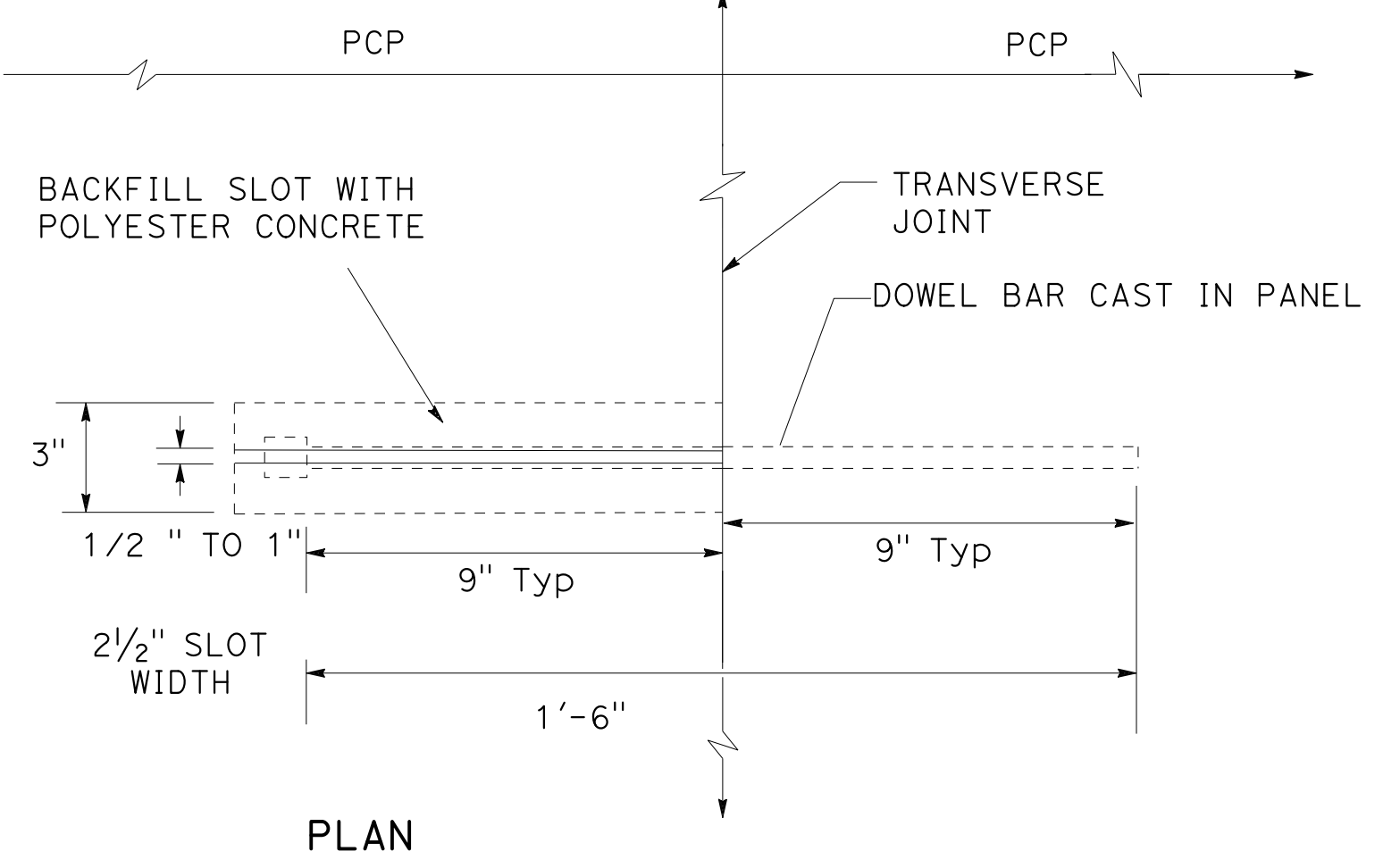


CAST-SLIDE DOWEL BAR SLOT

TRANSVERSE JOINT BETWEEN PANEL AND Exist Conc Pvmt

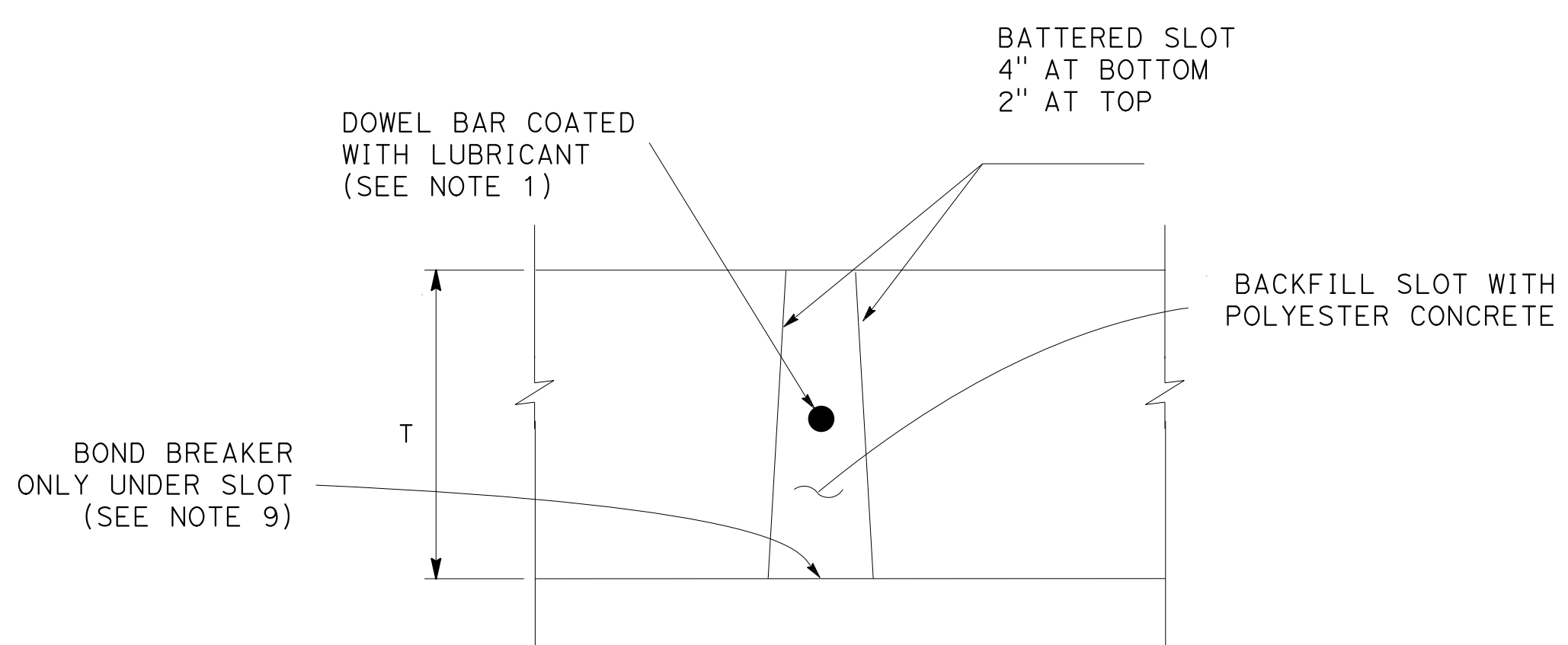


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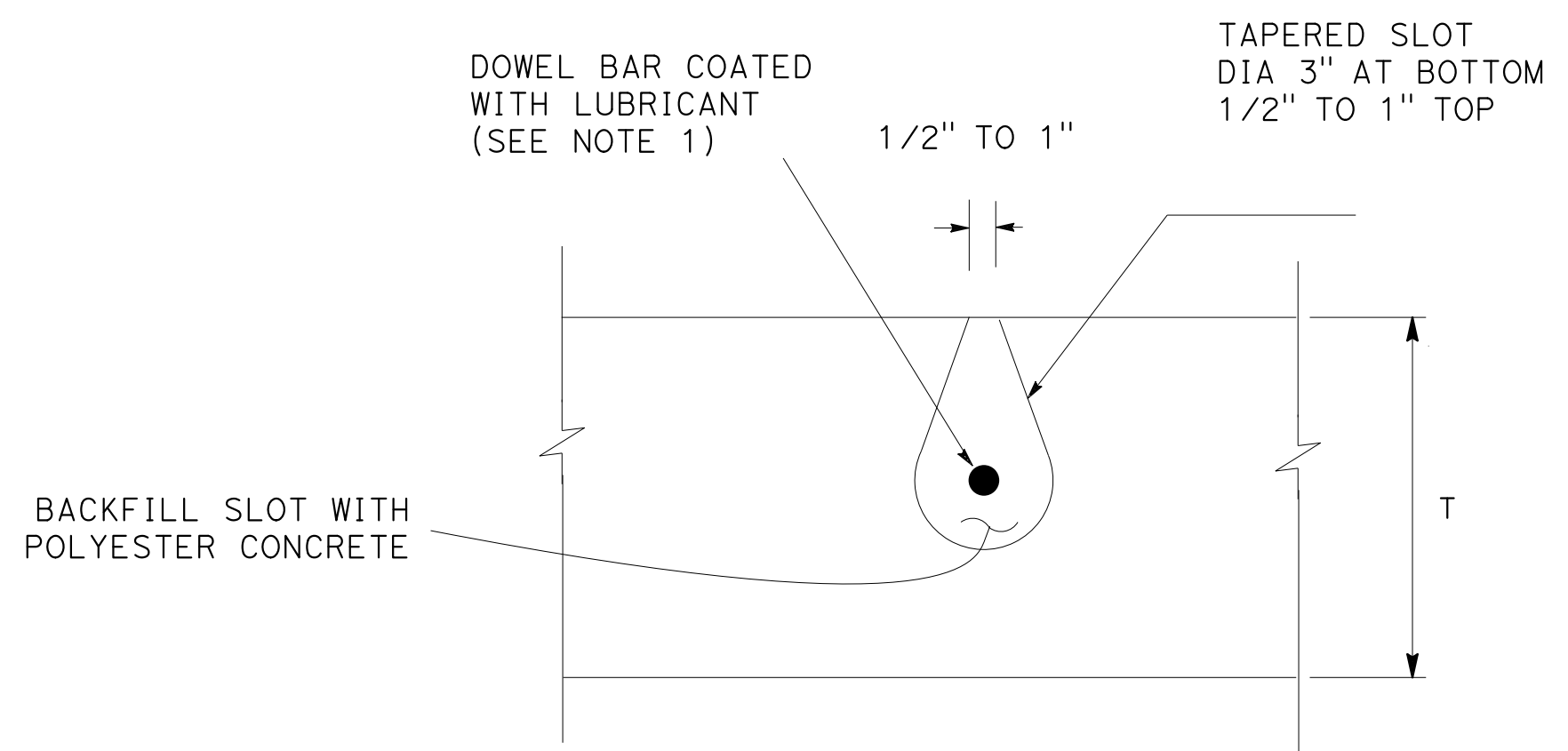


PLAN

TRANSVERSE JOINT BETWEEN PANELS



SECTION A-A, FULL-DEPTH DOWEL BAR SLOT



SECTION B-B, CAST-SLIDE DOWEL BAR SLOT

ABBREVIATION:

PCP PRECAST CONCRETE PAVEMENT

NOTES:

- USE 1-1/2" DIAMETER DOWEL BARS FOR "T" >= 0.70'. AND 1-1/4" DIAMETER DOWEL BAR FOR "T" < 0.70'. DOWELS ARE 1'-6" IN LONG.
- SEAL EXISTING TRANSVERSE JOINT AT BOTTOM AND SIDES OF THE DOWEL BAR SLOT WITH CAULKING FILLER PRIOR TO PLACING DOWEL BAR AND FOAM CORE INSERT.
- FOR FOAM CORE INSERT AND EXPANSION CAP DETAIL, SEE STANDARD PLAN P7.
- CAST DOWEL BARS EVERY 1' C-C DURING PANEL FABRICATION OR DRILL AND BOND EVERY 1' C-C. DRILLED HOLES ARE 1/8" LARGER THAN THE DOWEL DIAMETER.
- NOMINAL WIDTH FOR PREFORMED COMPRESSION SEALS MUST BE SELECTED BASED ON THE ACTUAL JOINT WIDTH SO THE SEALS ARE COMPRESSED 40 TO 50 PERCENT FOR THE JOINT WIDTH AND DEPTH.
- FOR DETAILS NOT SHOWN, SEE STANDARD PLANS P7, P10, AND P18.
- UNDERSLAB GROUT LAYER MUST NOT EXCEED 1/2".
- ALL DIMENSIONS ON PANEL CROSS SECTION ARE REFERENCED TO AFTER ANY POTENTIAL GRINDING.
- IF DOWEL BAR GROUT IS DONE BEFORE BEDDING GROUT, CONTAIN SLOTS AND PLACE BOND BREAKER ON BASE BELOW SLOTS.

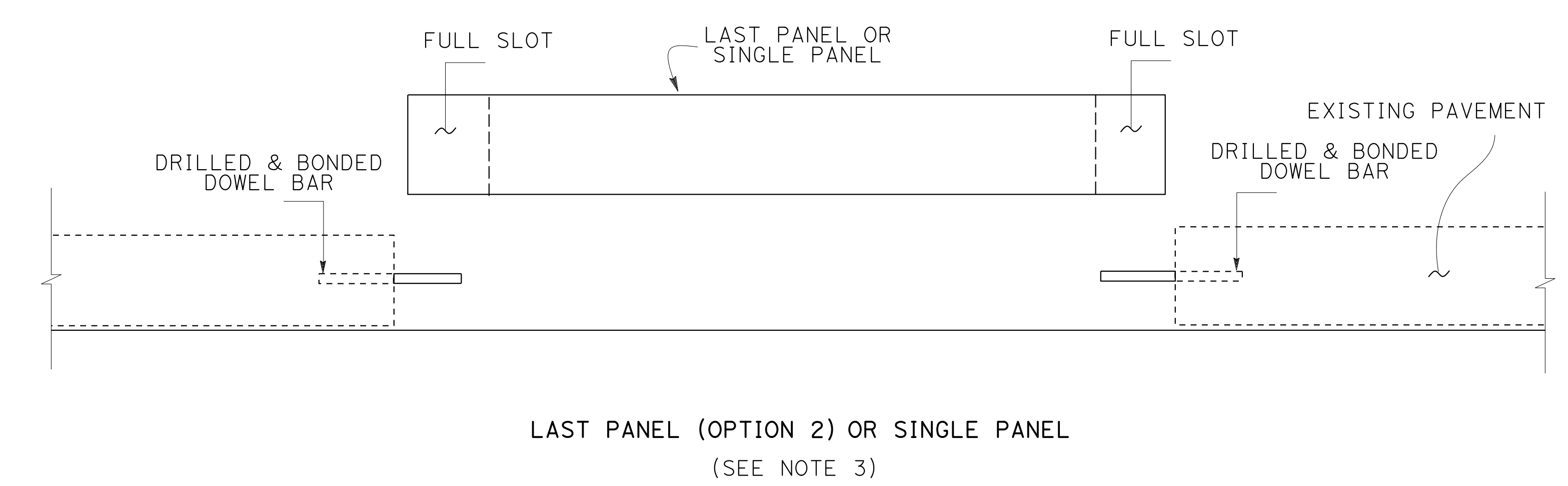
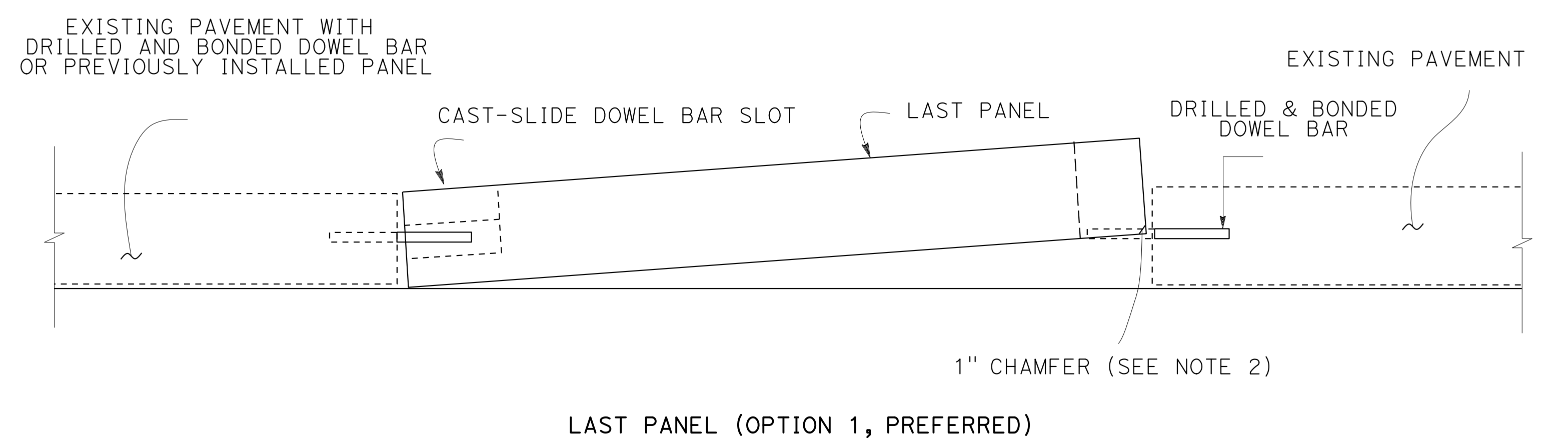
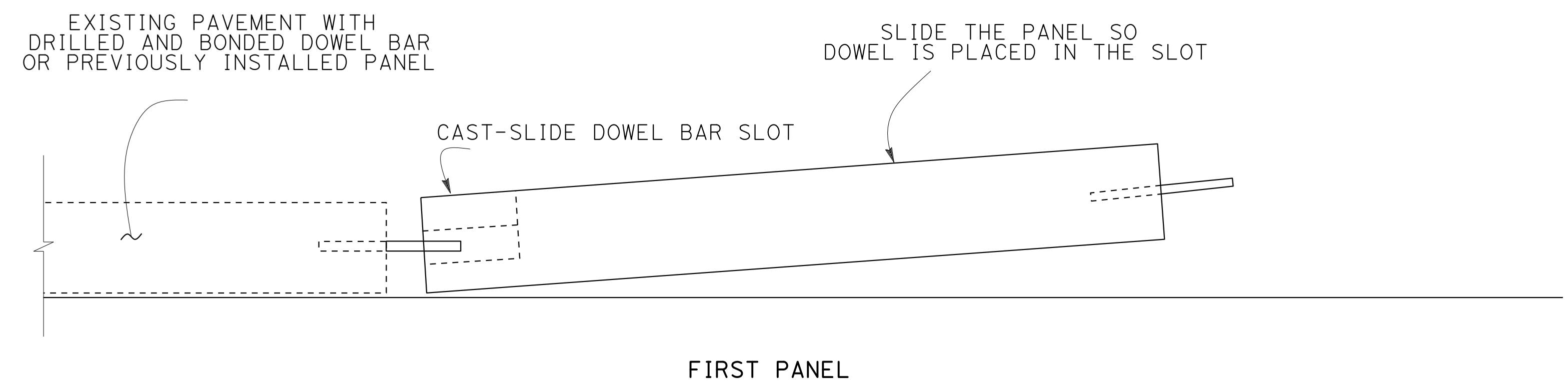
CONSTRUCTION DETAILS
PRECAST CONCRETE PAVEMENT

NO SCALE

DOWEL BARS AND SLOTS

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Caltrans®
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 LAST REVISION DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:37

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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			REGISTERED CIVIL ENGINEER	9-29-21	DATE
			October 8, 2021	PLANS APPROVAL DATE	
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



NOTES:

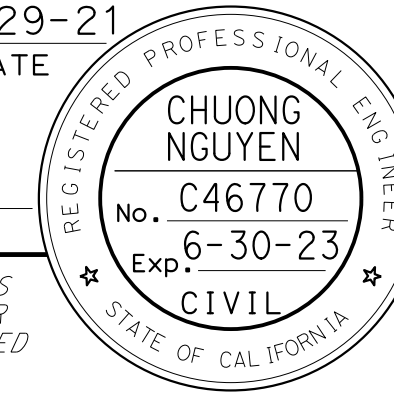
1. DOWELS ARE 1'-6" IN LONG.
2. INCREASE THE CHAMFER TO MAX. 2" IN ORDER TO ALLOW SLIDING THE PANEL.
3. FOR OPTION 2, REPLACE CAST-SLIDE DOWEL BAR SLOTS WITH FULL SLOTS.
4. ELIMINATE DOWELS AND/OR SLOTS WHEN ADJACENT TO HMA PAVEMENT.

CAST-SLIDE LOAD TRANSFER SYSTEM INSTALLATION

**CONSTRUCTION DETAILS
PRECAST CONCRETE PAVEMENT**

NO SCALE

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 SUPERVISOR: TIMOTHY J. LEE
 REVISED BY: CC
 DATE REVISED: 9-29-21

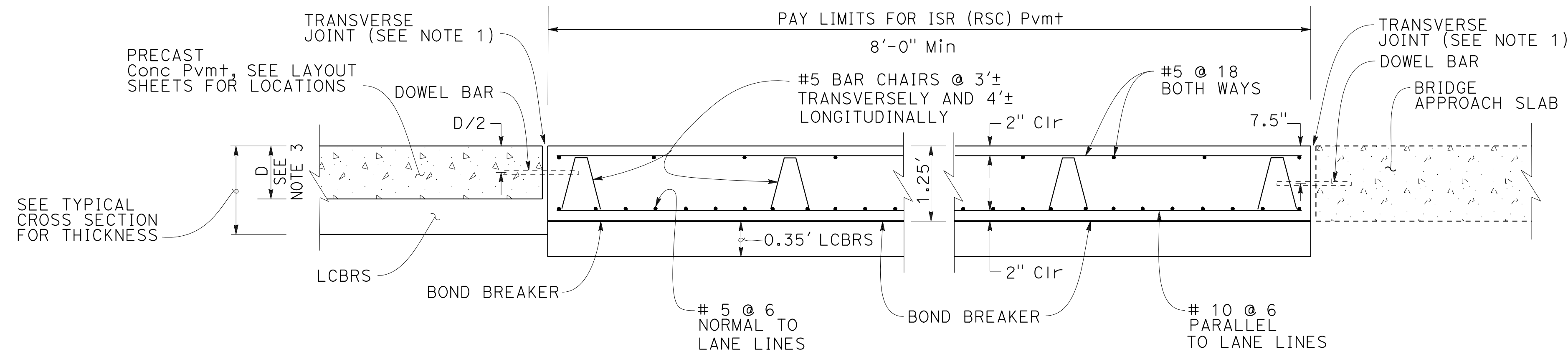
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			REGISTERED CIVIL ENGINEER DATE 9-29-21 October 8, 2021 PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTES:

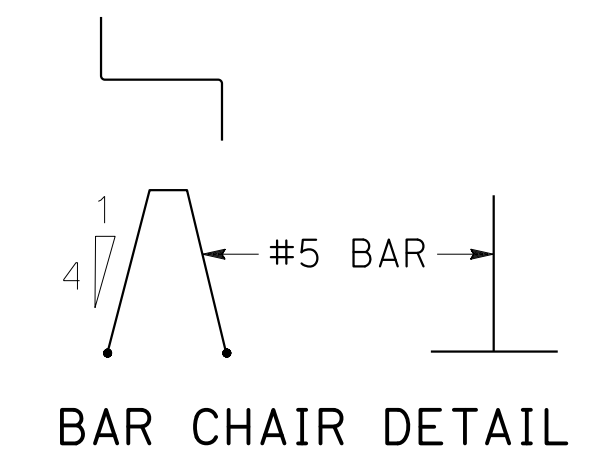
1. THE LAYOUT OF DOWEL BARS AT TRANSITION SLAB SHALL MATCH THE DOWEL BAR SLOT LAYOUT ALREADY CAST IN THE PRECAST PANEL. FOR ADDITIONAL DOWEL DETAILS AND JOINT SEAL DETAILS, REFER TO STANDARD PLANS P10 AND P20.
2. PROVIDE 11 DOWELS BETWEEN THE CONCRETE BAND SLAB AND THE SURFACE APPROACH SLAB FOR EACH TRAFFIC LANE.
3. D = PCP THICKNESS.

ABBREVIATIONS:

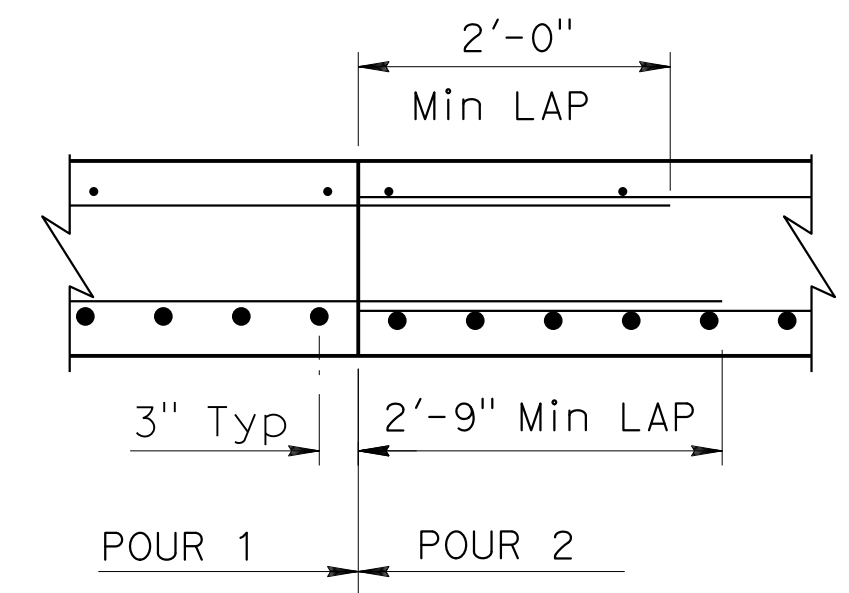
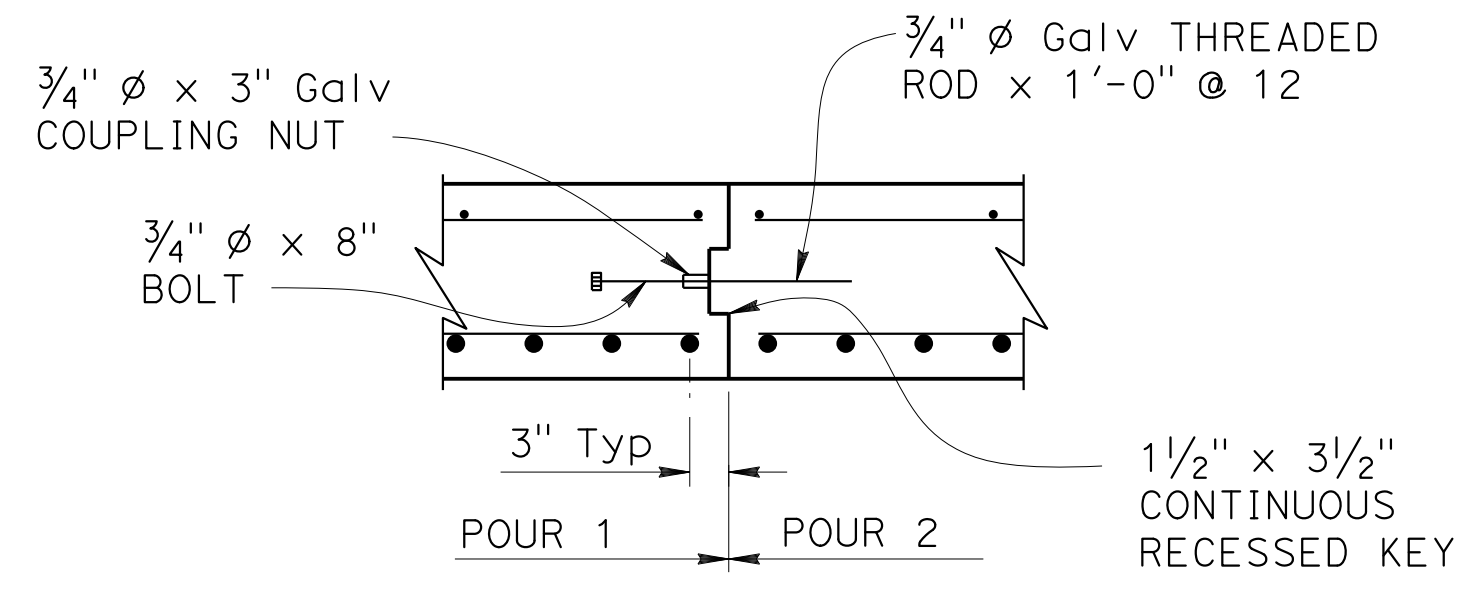
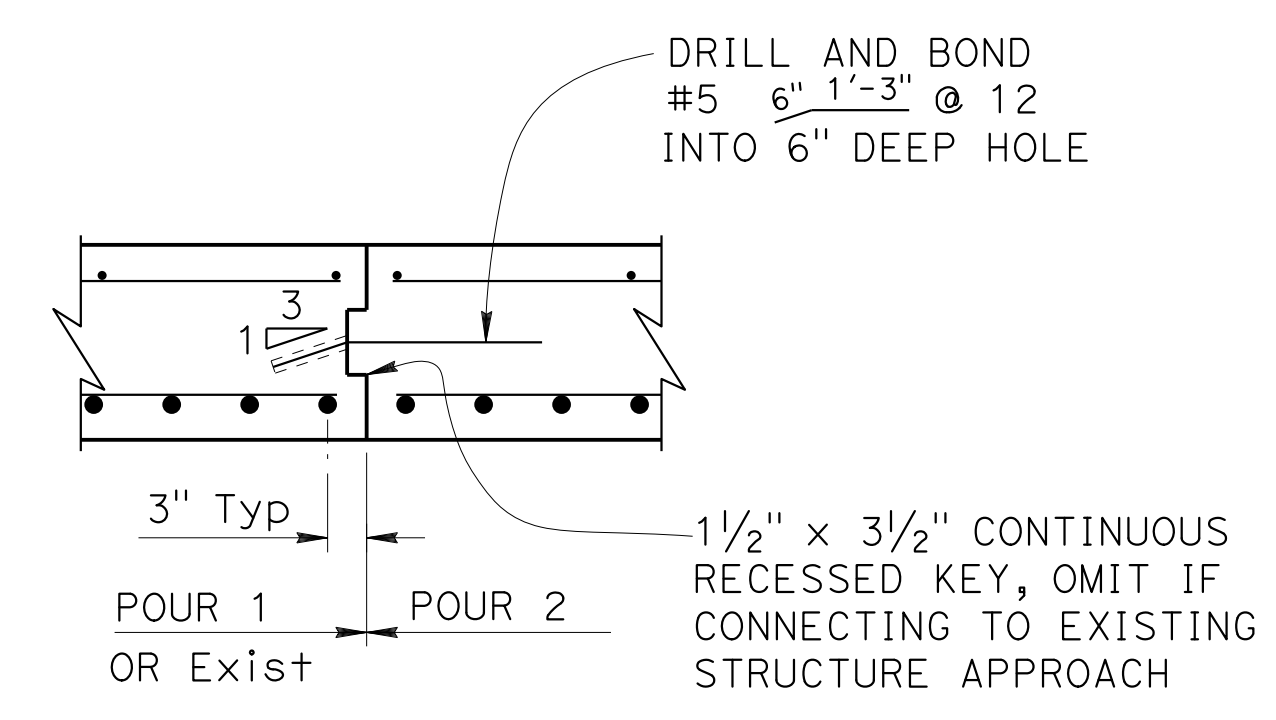
PCP PRECAST CONCRETE PAVEMENT
 ISR (RSC) INDIVIDUAL SLAB REPLACEMENT (RSC)



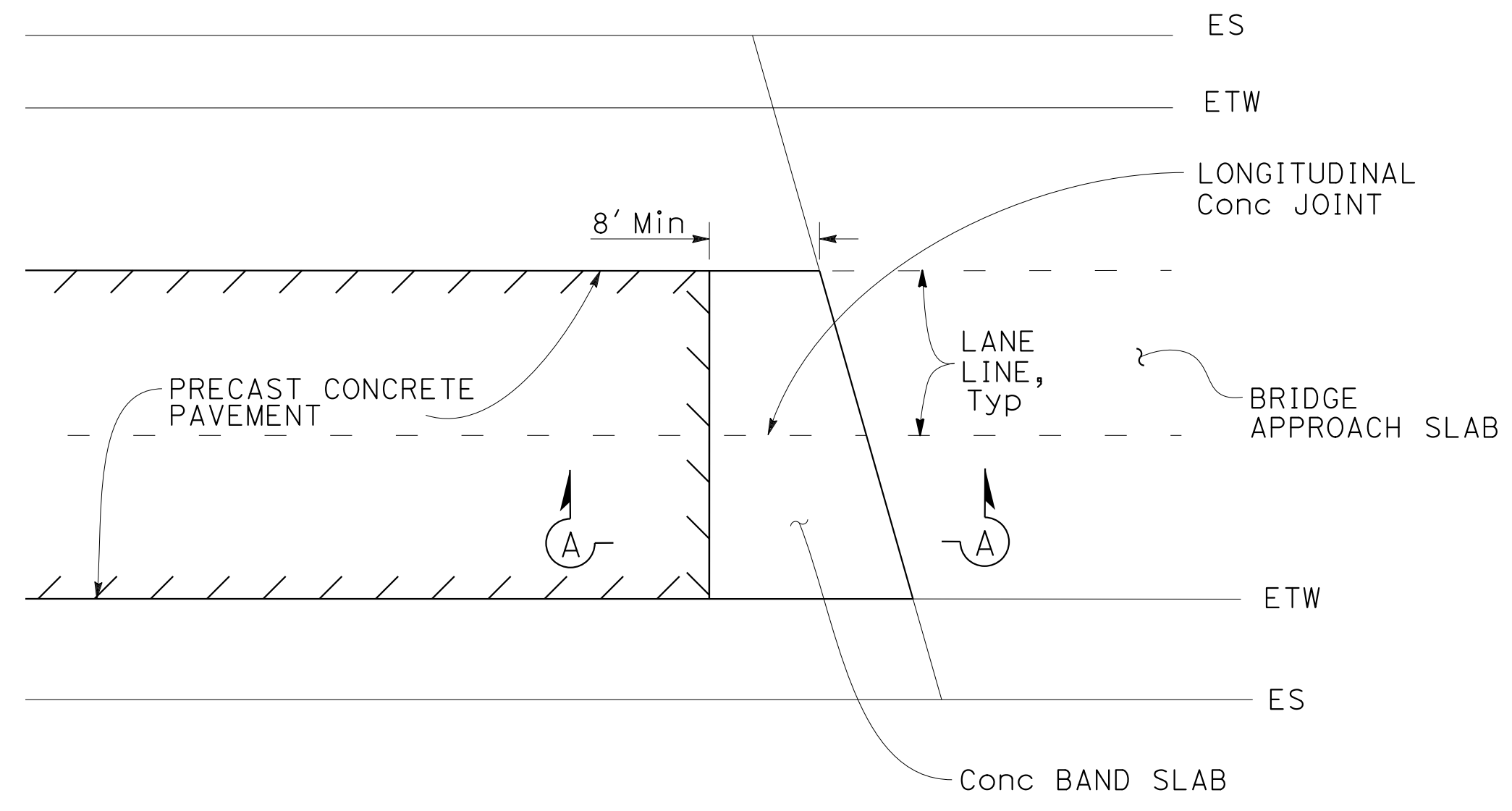
SECTION A-A



BAR CHAIR DETAIL



LONGITUDINAL CONSTRUCTION JOINT ALTERNATIVES



PLAN


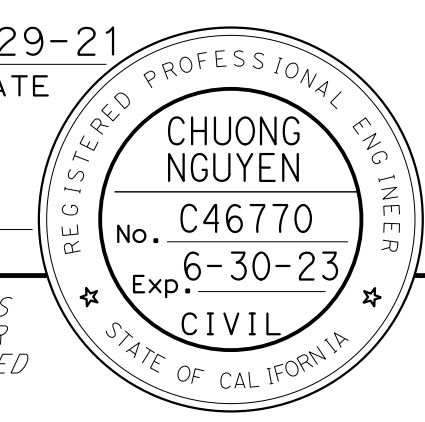
CONCRETE BAND SLAB

CONSTRUCTION DETAILS

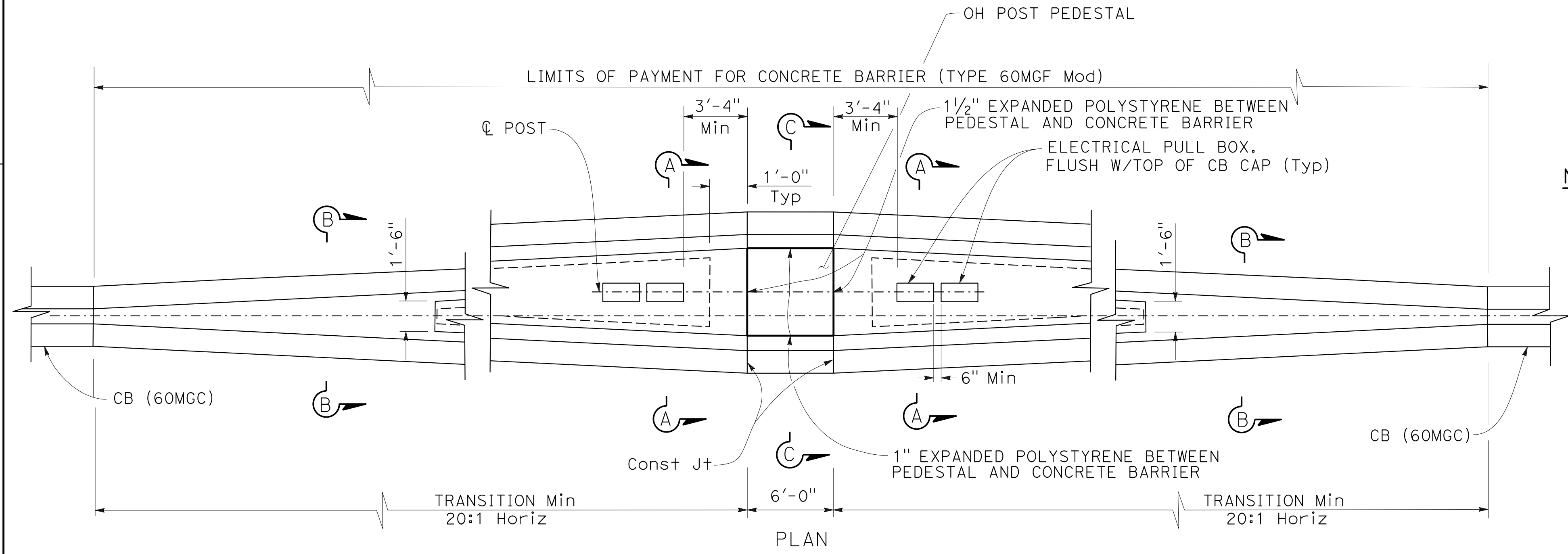
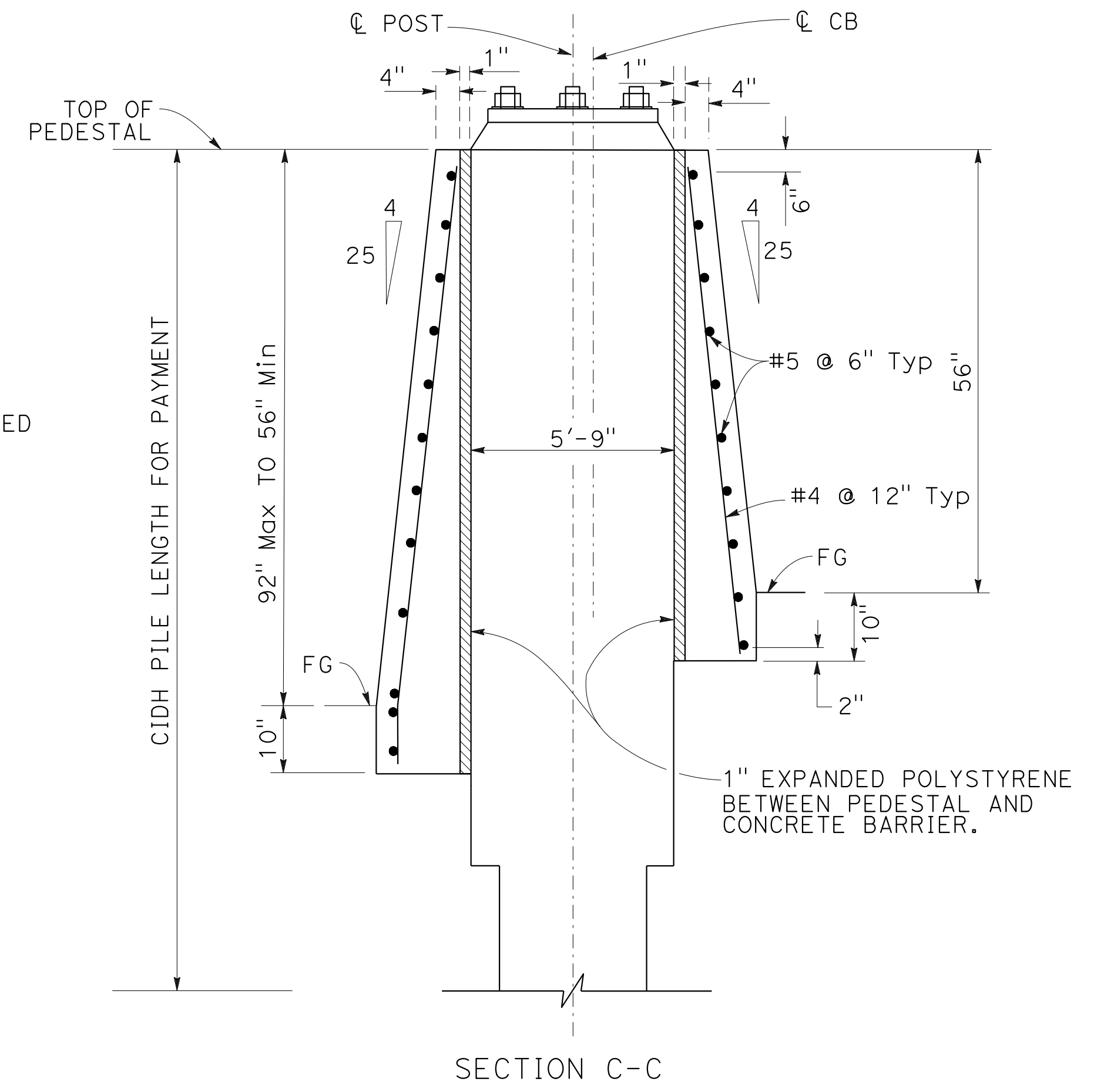
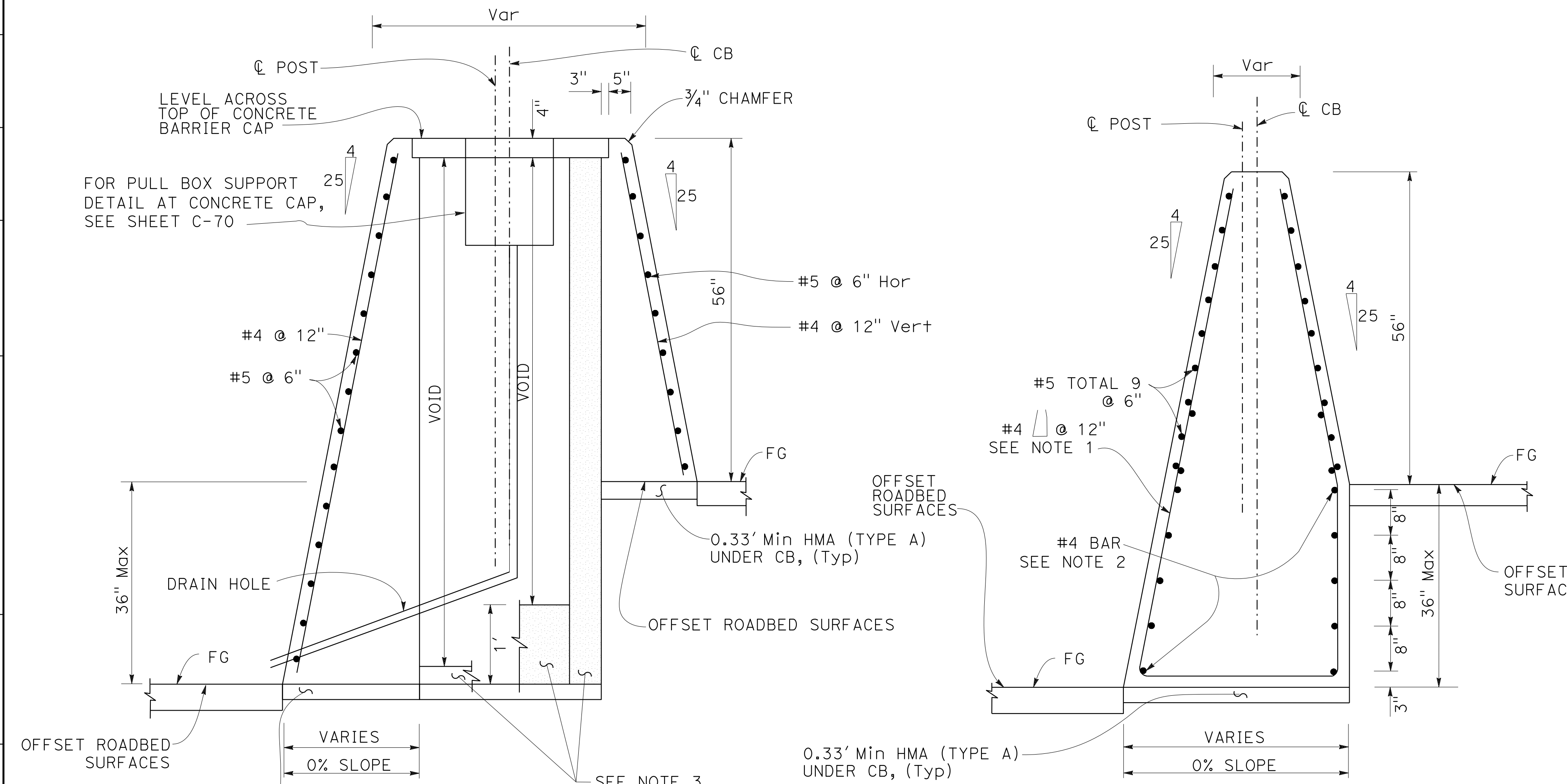
NO SCALE

C-42

DESIGNED BY	CHARLIE CHRES
CHECKED BY	JOHN NGUYEN
REVISIONS	CC 9-29-21
DATE	9-29-21
REVISIONS	
DATE	
DESIGNED BY	TIMOTHY J. LEE
CHECKED BY	
REVISIONS	
DATE	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	116	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021					
PLANS APPROVAL DATE					
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT - FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISIONS
 CC
 9-29-21
 CHARLIE CHRES
 JOHN NGUYEN
 TIMOTHY J. LEE



- NOTES:**
1. REINFORCING STIRRUP NOT REQUIRED FOR ROADBED OFFSETS LESS THAN 1'-0"
 2. FOR ROADBED SURFACES OFFSET GREATER THAN 1/2" & LESS THAN OR EQUAL TO 3" NO REINFORCEMENT REQUIRED. FOR ROADBED SURFACES OFFSET GREATER THAN 3" & LESS THAN OR EQUAL TO 8", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 8" & LESS THAN OR EQUAL TO 12", USE TWO #4 REINFORCEMENTS AT 3" ABOVE THE LOWER ROADBED SURFACE & TWO #4 REBARS AT 8" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 12" & LESS THAN OR EQUAL TO 36", USE TWO #4 REINFORCEMENTS AT 3" ABOVE THE LOWER ROADBED SURFACE & TWO #4 REBARS AT EVERY 8" INCREMENT VERTICAL SPACING ABOVE THE FIRST TWO #4 REINFORCEMENTS.
 3. FOR FILL MATERIAL BETWEEN CONCRETE BARRIER WALLS AND OTHER INFORMATION NOT SHOWN, SEE STANDARD PLAN A76F

CONCRETE BARRIER (TYPE 60MGF Mod A)
TRANSITION AT SIGN STRUCTURE
 "I-680" 330+95
 "I-680" 428+00

CONSTRUCTION DETAILS
 NO SCALE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	117	1710

REGISTERED CIVIL ENGINEER
 CHUONG NGUYEN
 No. C46770
 Exp. 6-30-23
 CIVIL
 STATE OF CALIFORNIA

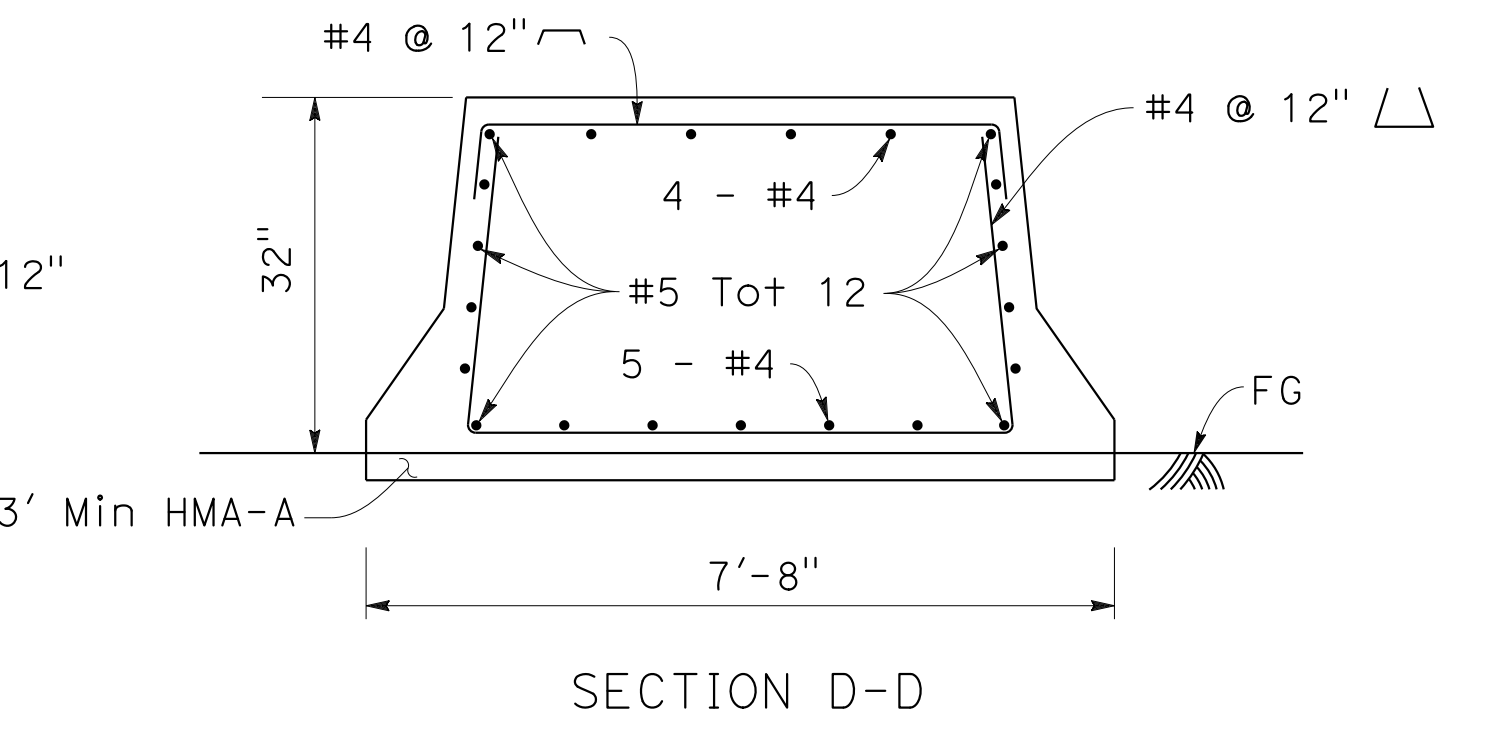
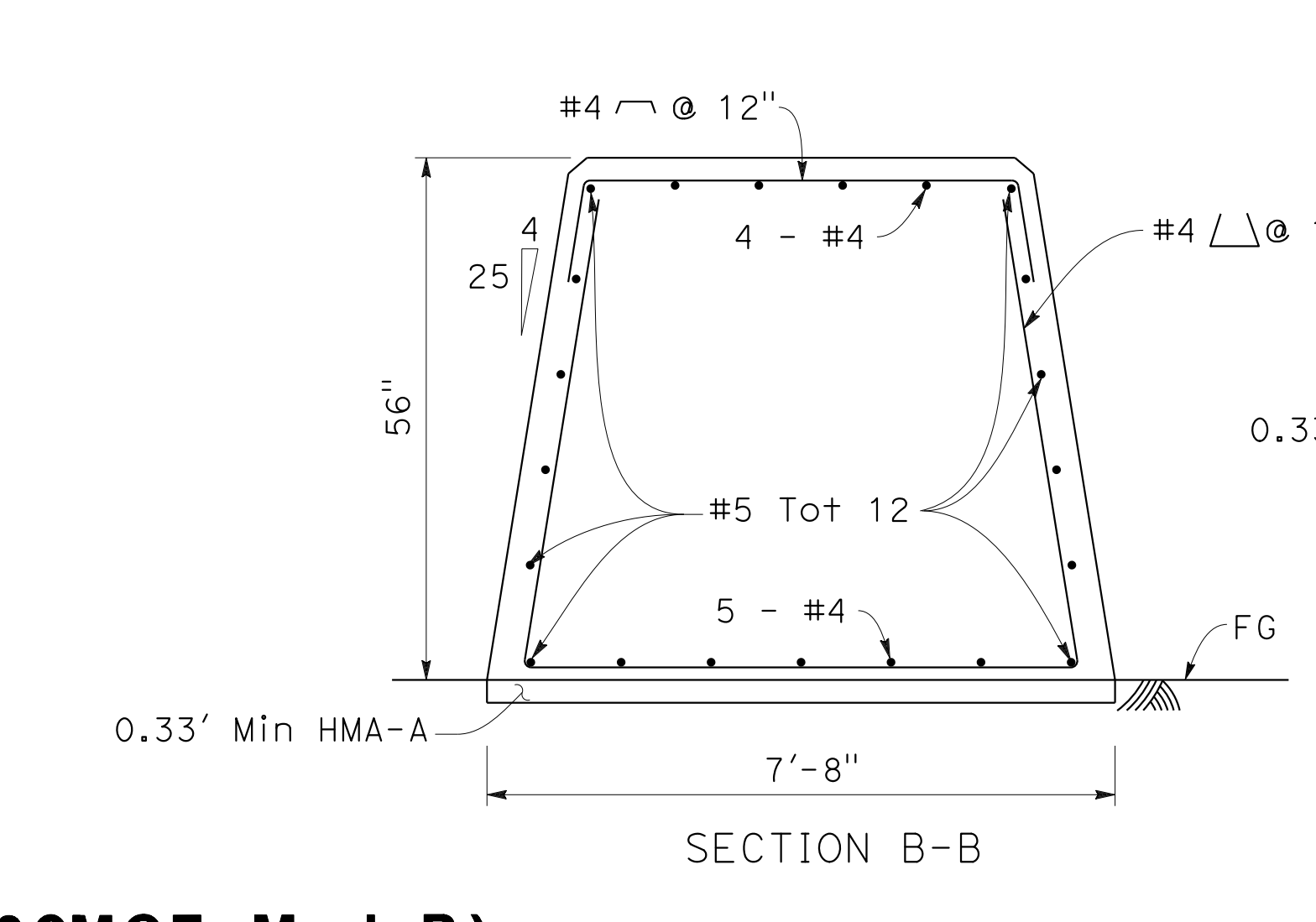
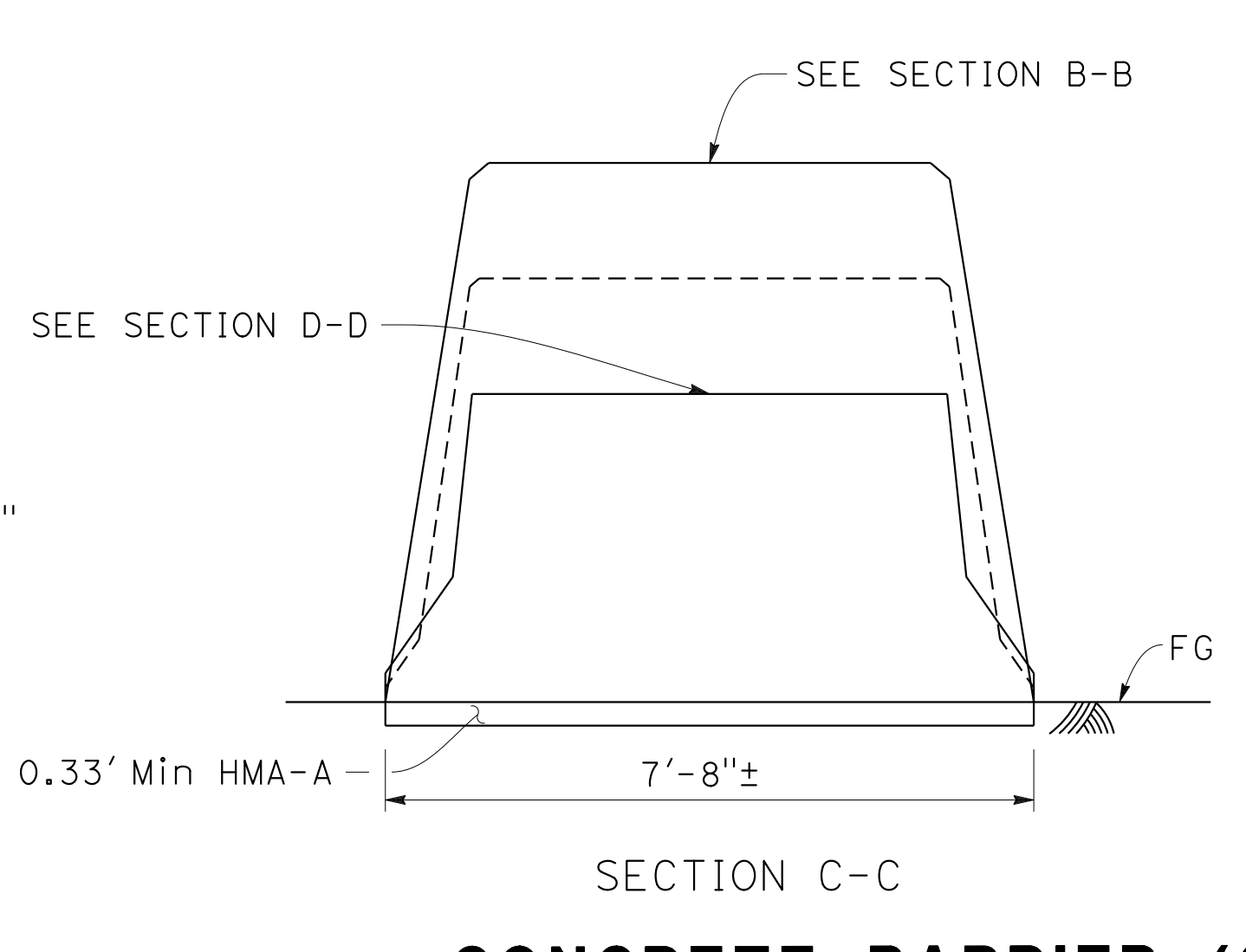
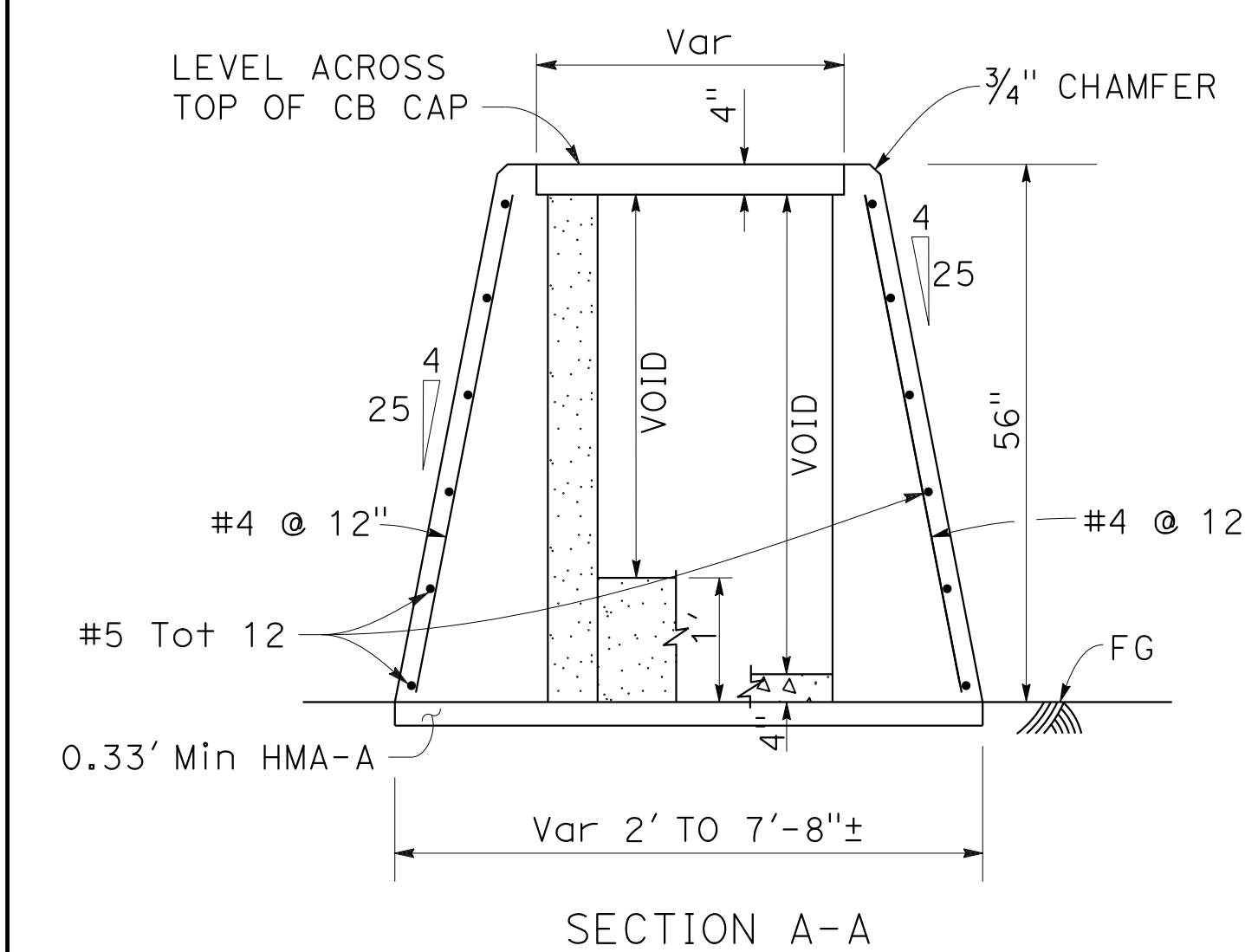
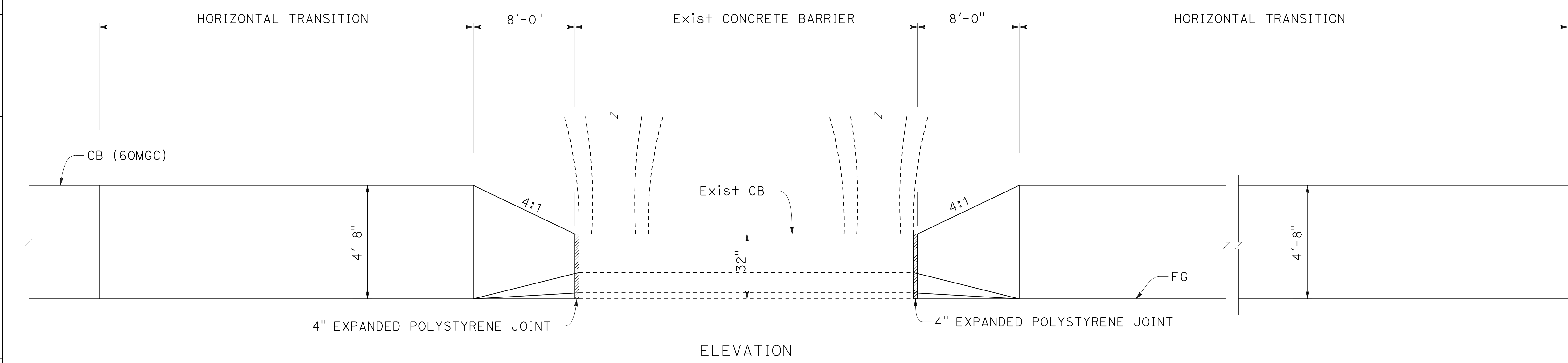
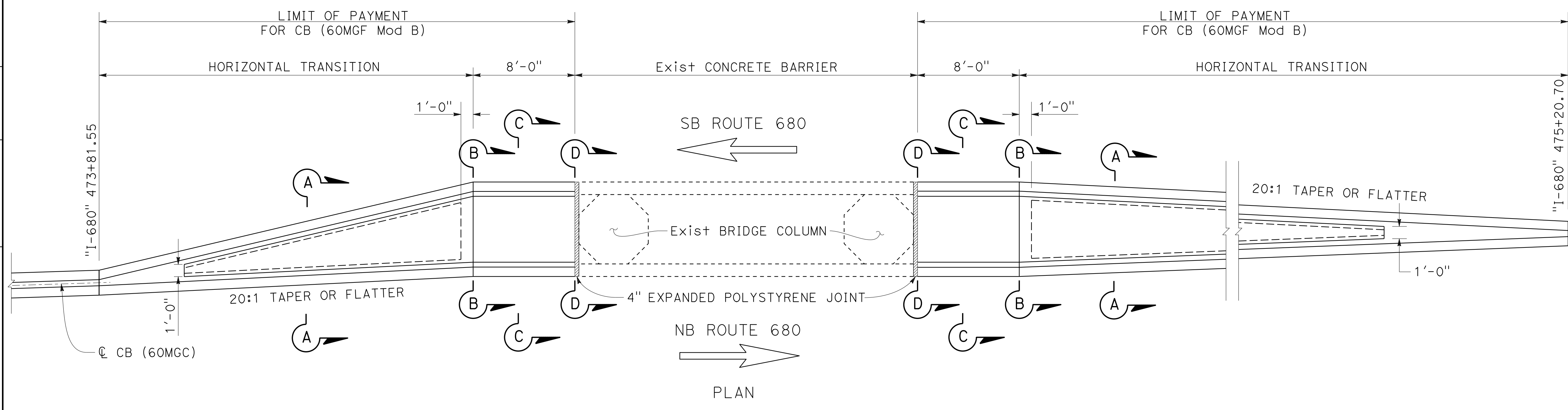
9-29-21
 DATE

October 8, 2021
 PLANS APPROVAL DATE

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 San Jose, CA 95113

ALAMEDA CTC
 1111 Broadway
 Suite 800
 Oakland, CA 94607



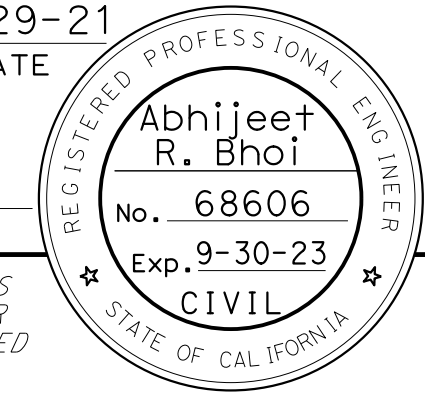
**CONCRETE BARRIER (60MGF Mod B)
 AT LAS POSITAS BRIDGE**

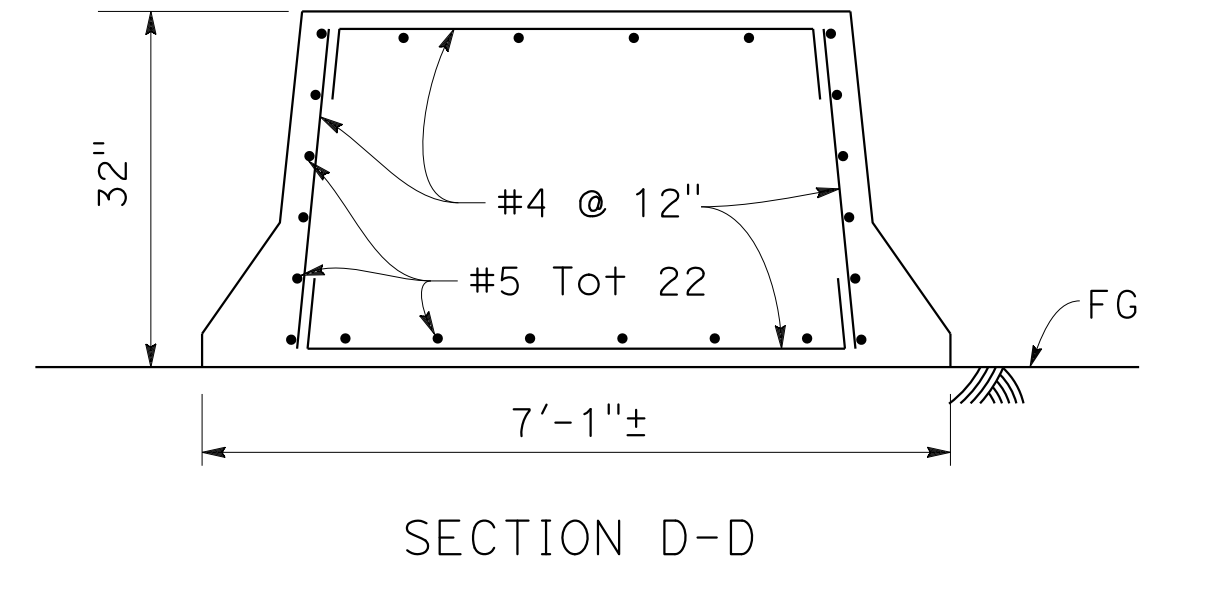
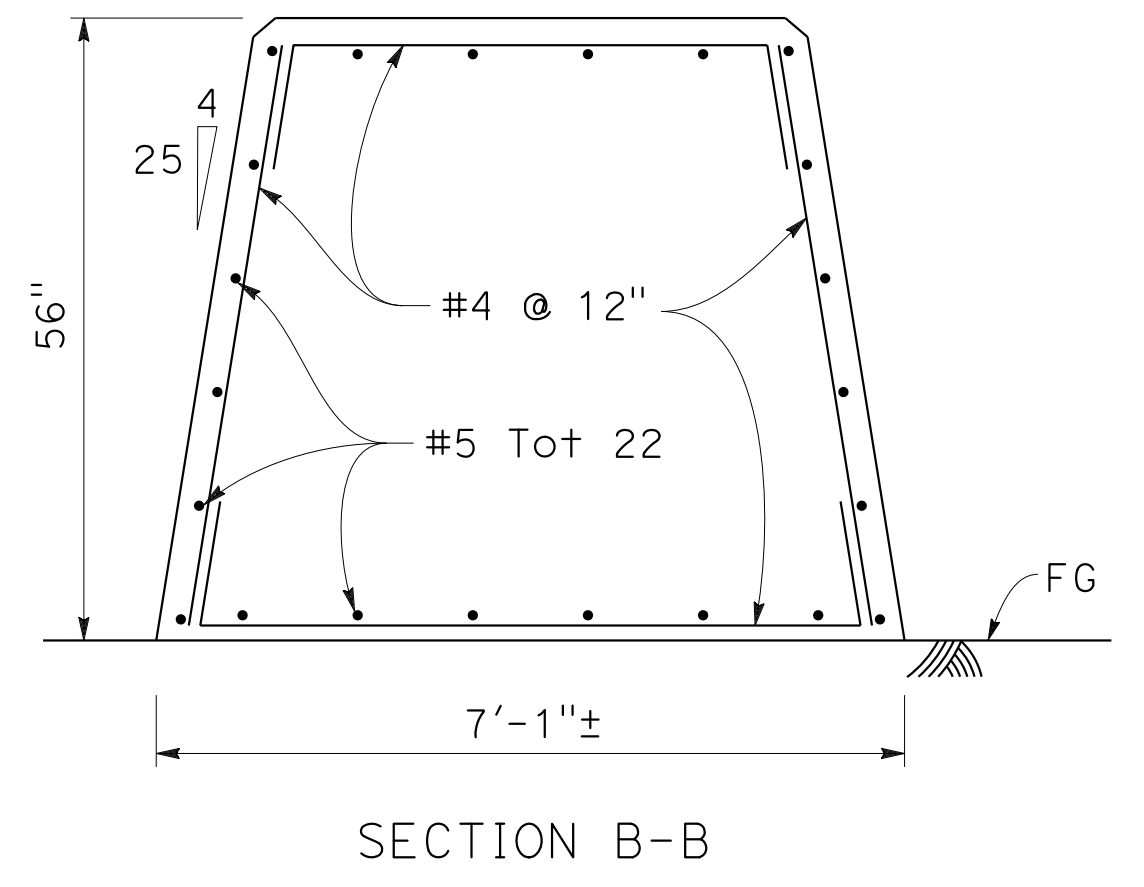
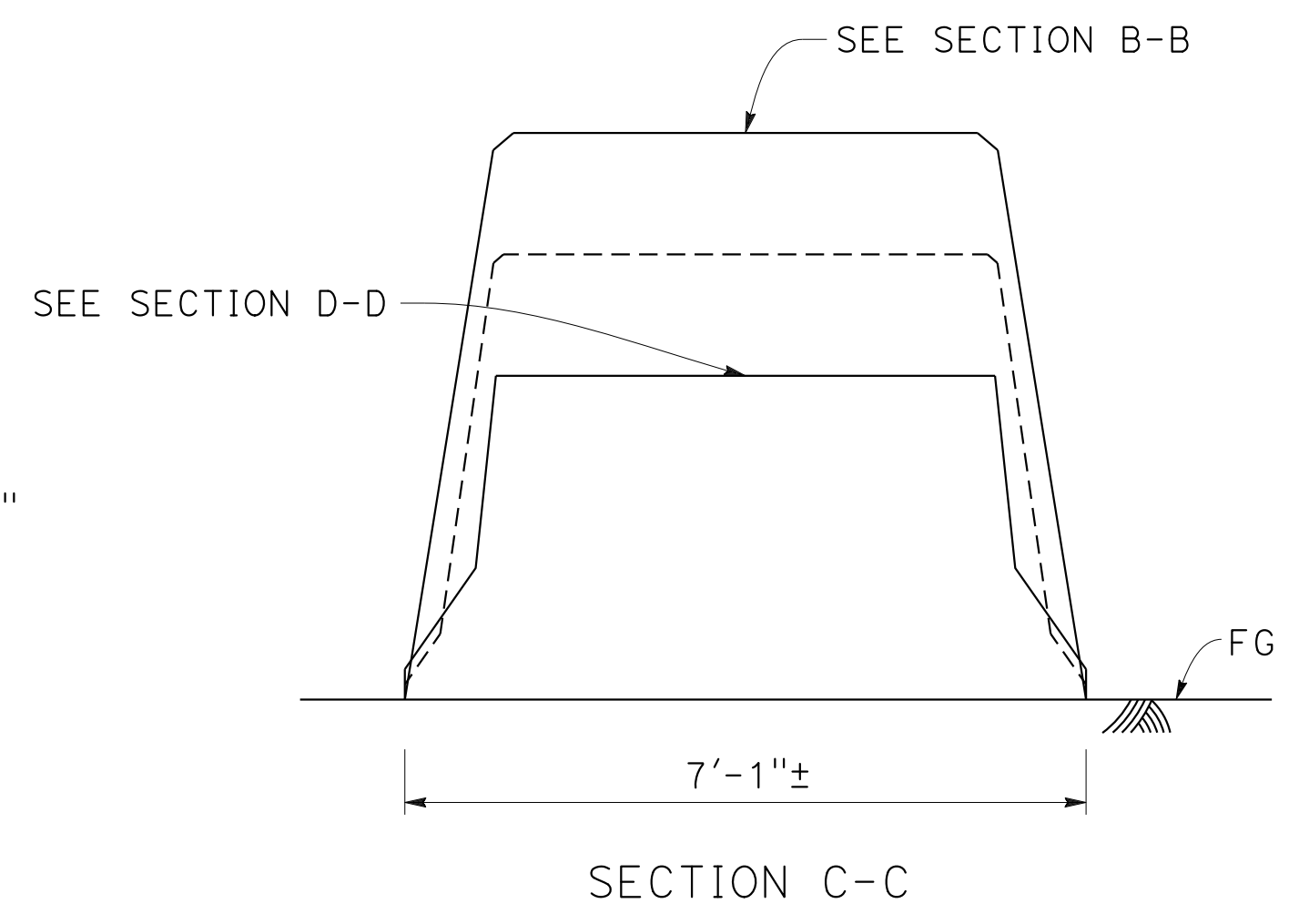
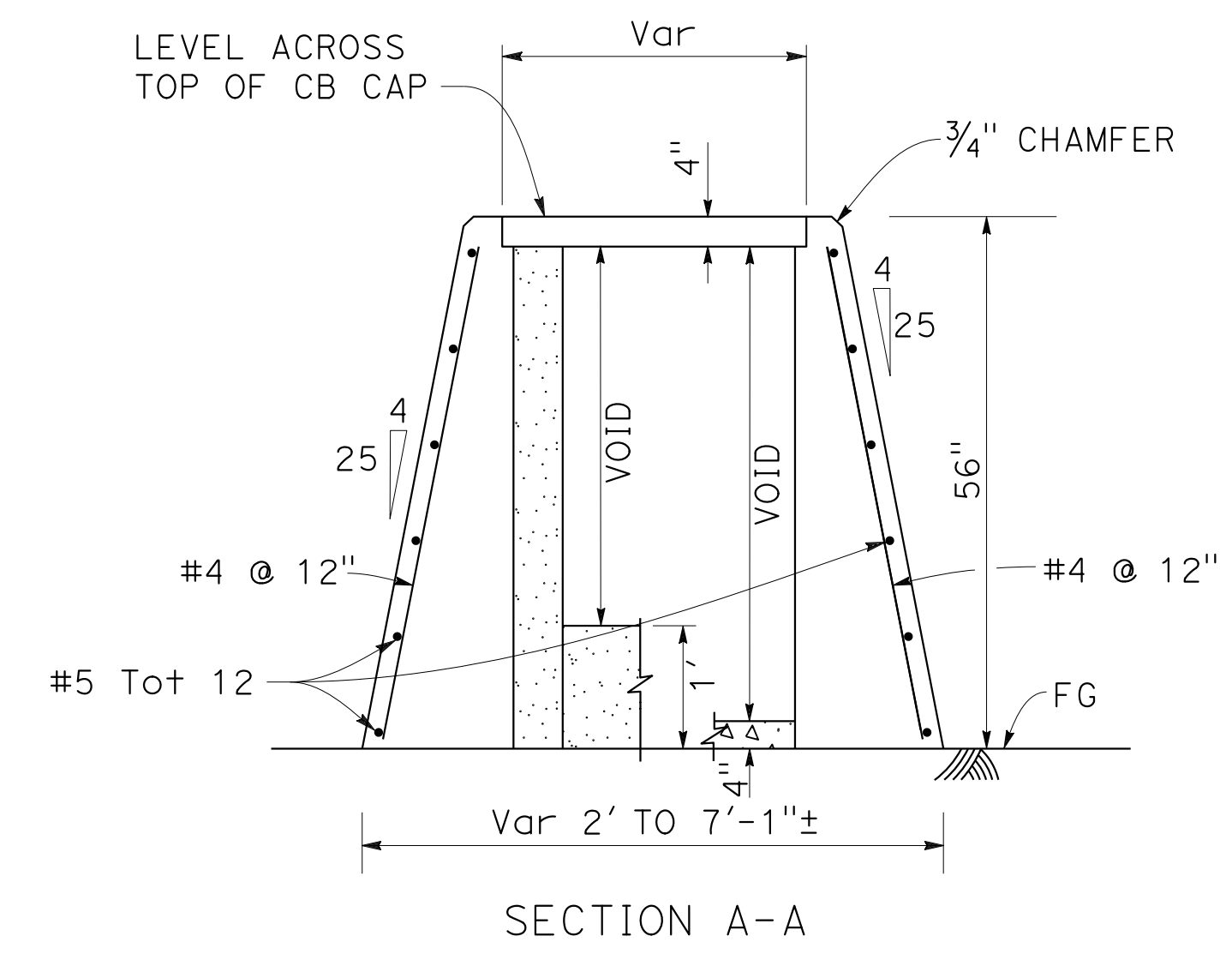
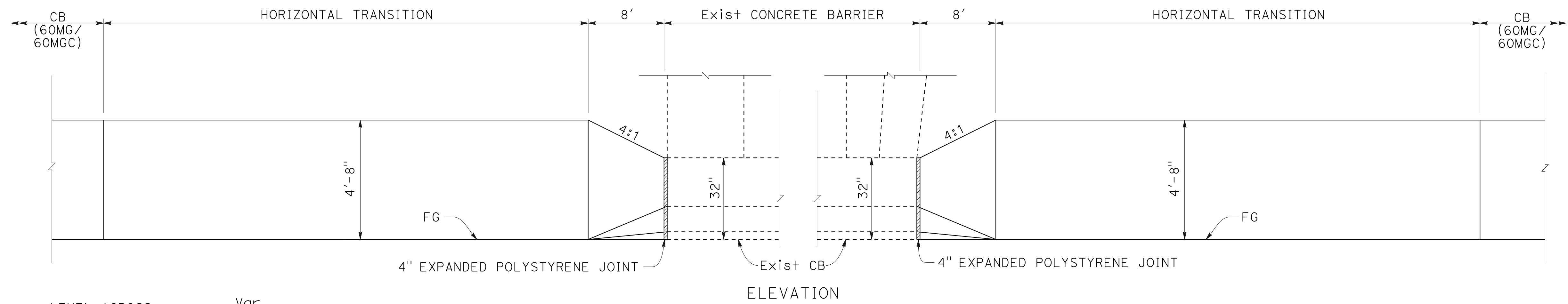
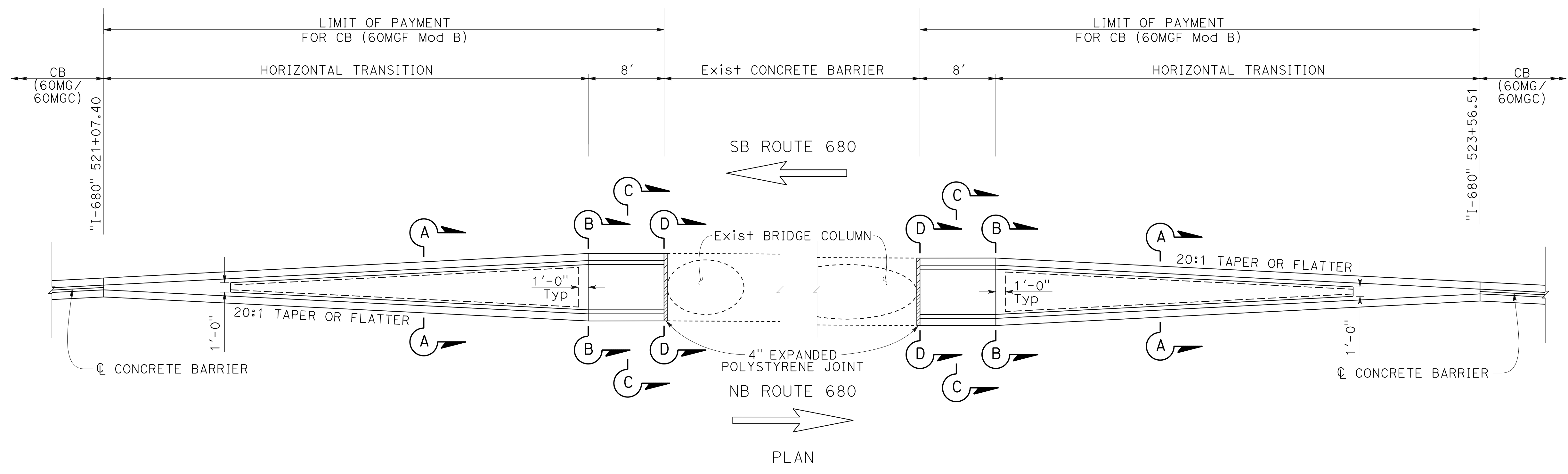
CONSTRUCTION DETAILS
 NO SCALE

C-44

0:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga044.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT - FUNCTIONAL SUPERVISOR
 TIMOTHY J. LEE
 CALCULATED - DESIGNED BY
 CHECKED BY
 JOHN NGUYEN
 DATE REVISED
 9-29-21
 REVISED BY
 CC
 CHARLIE CHRES

LAST REVISION DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	118	1710
ARBhoi REGISTERED CIVIL ENGINEER			9-29-21 DATE		
October 8, 2021 PLANS APPROVAL DATE					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



**CONCRETE BARRIER (60MGF Mod B)
AT STONERIDGE DRIVE OC**

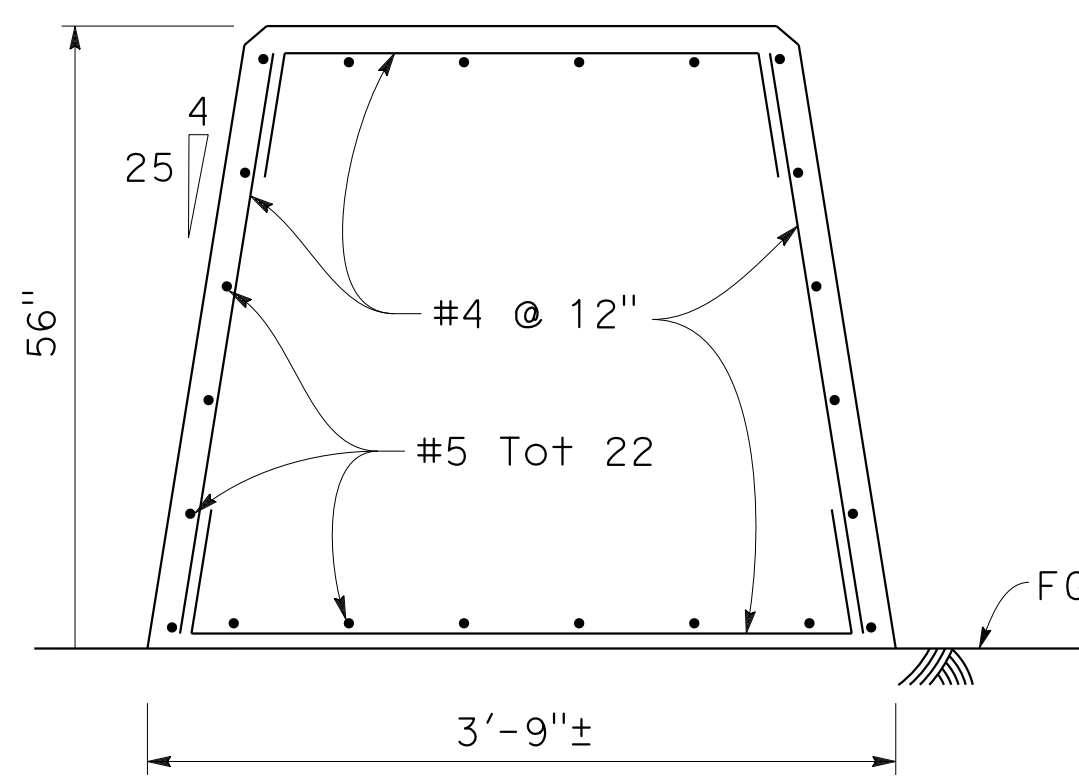
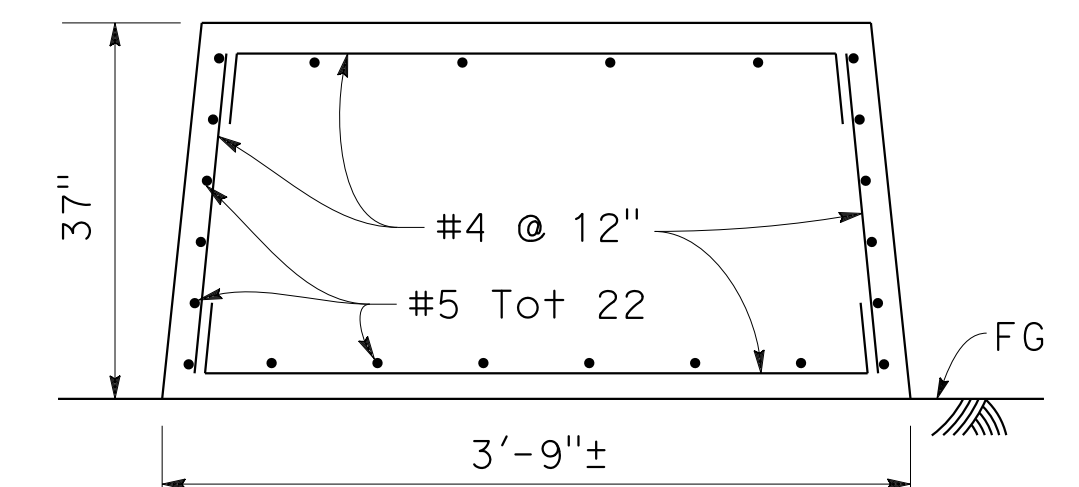
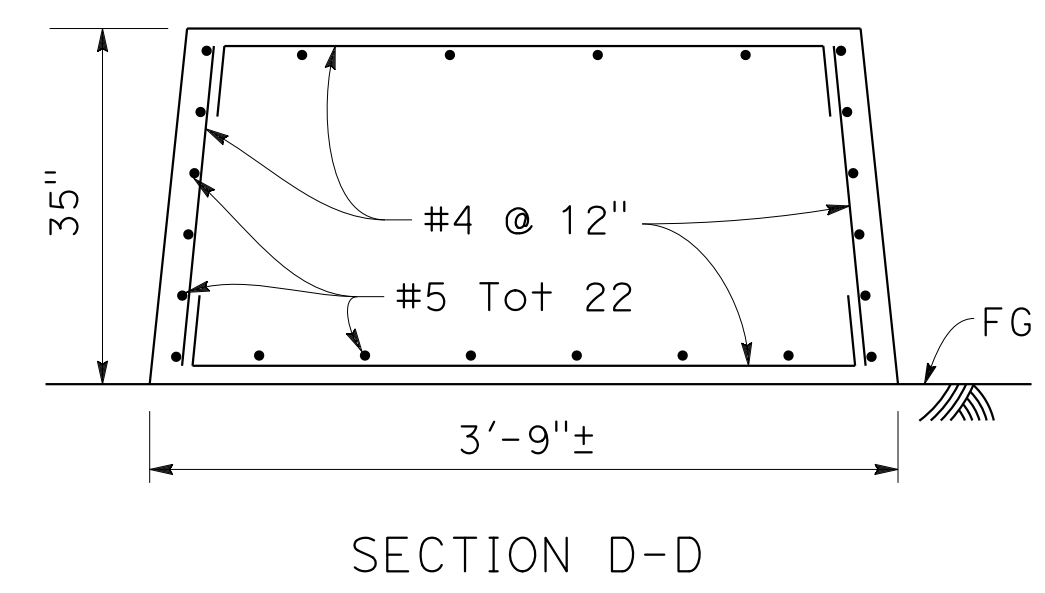
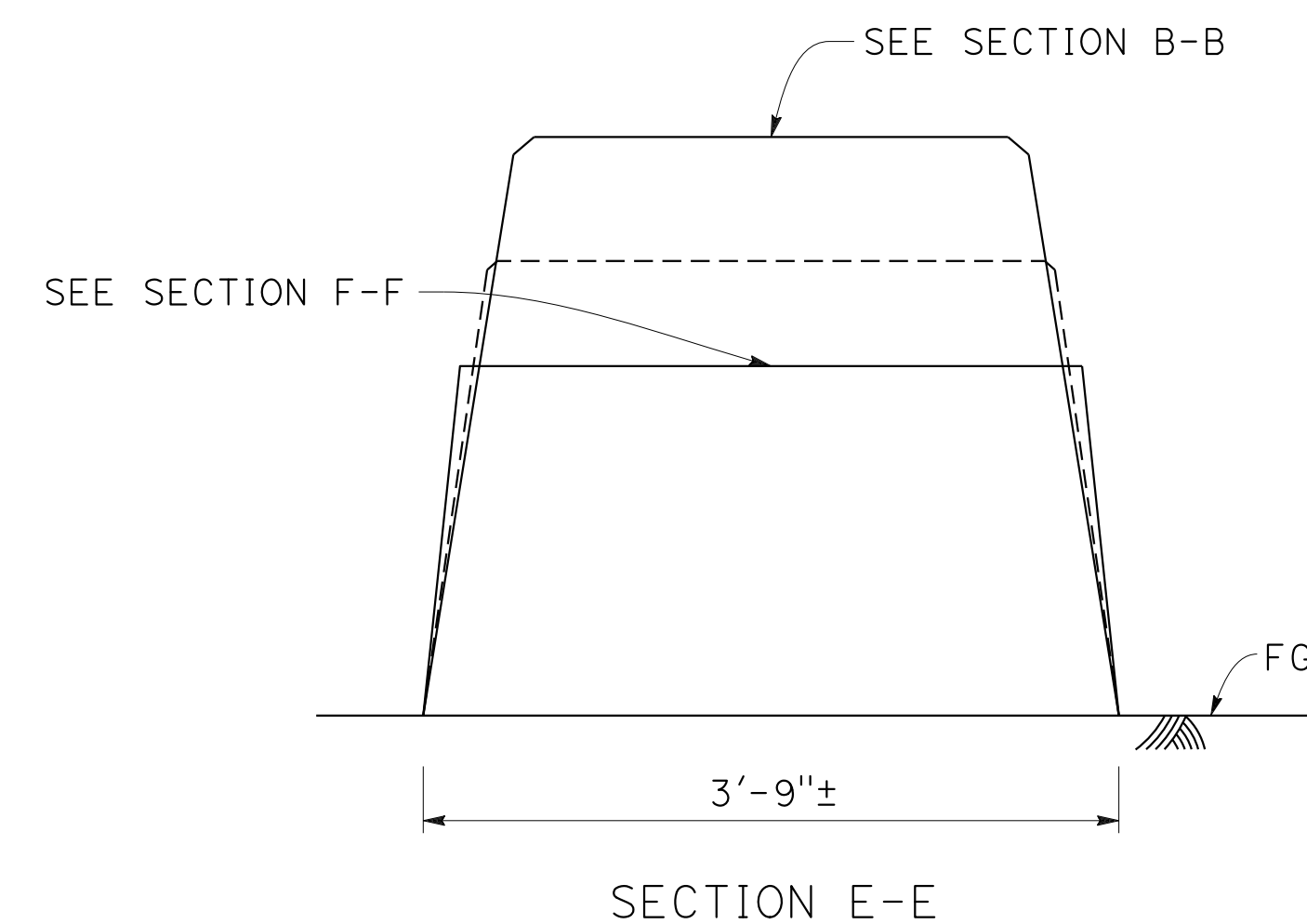
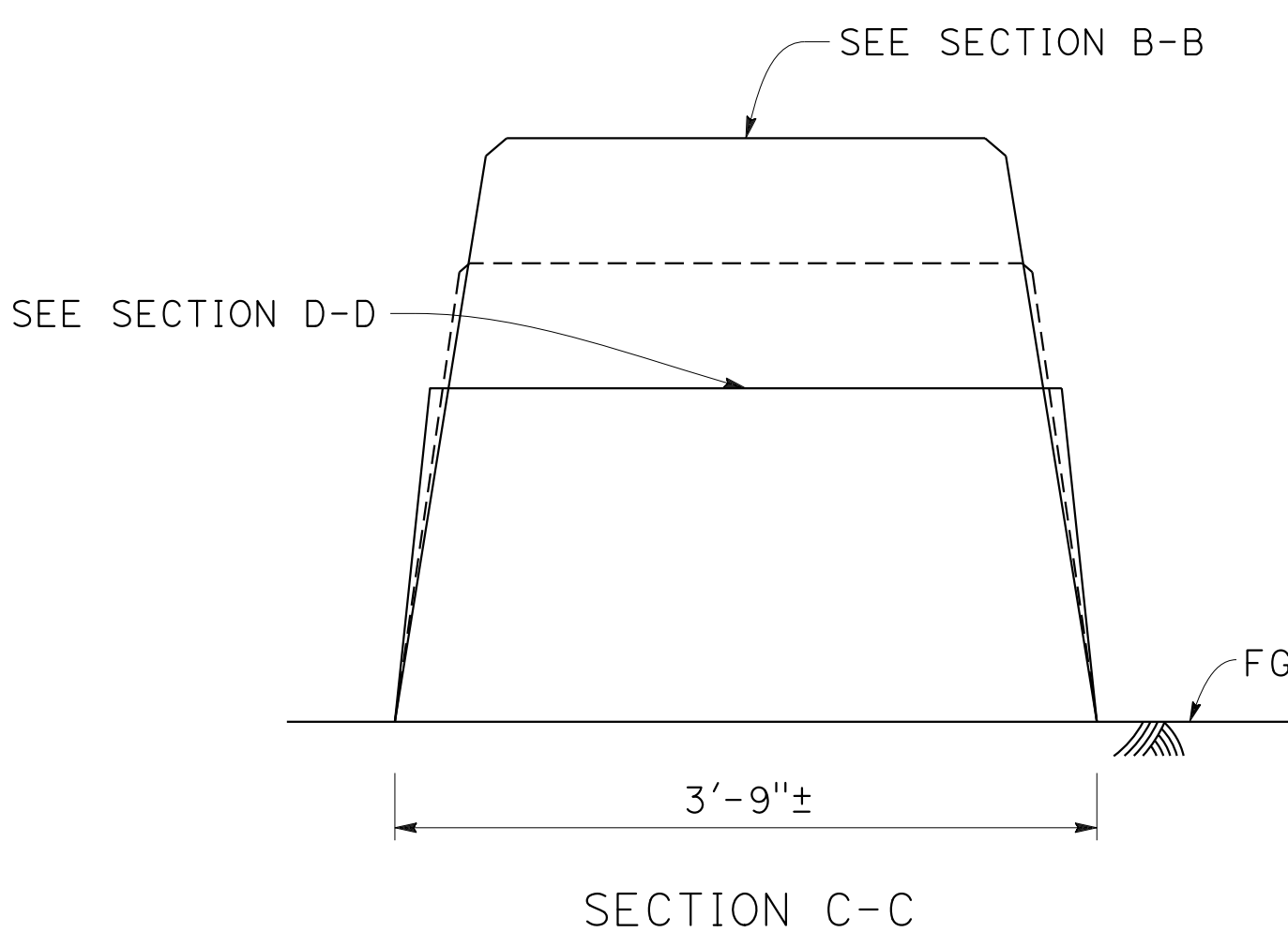
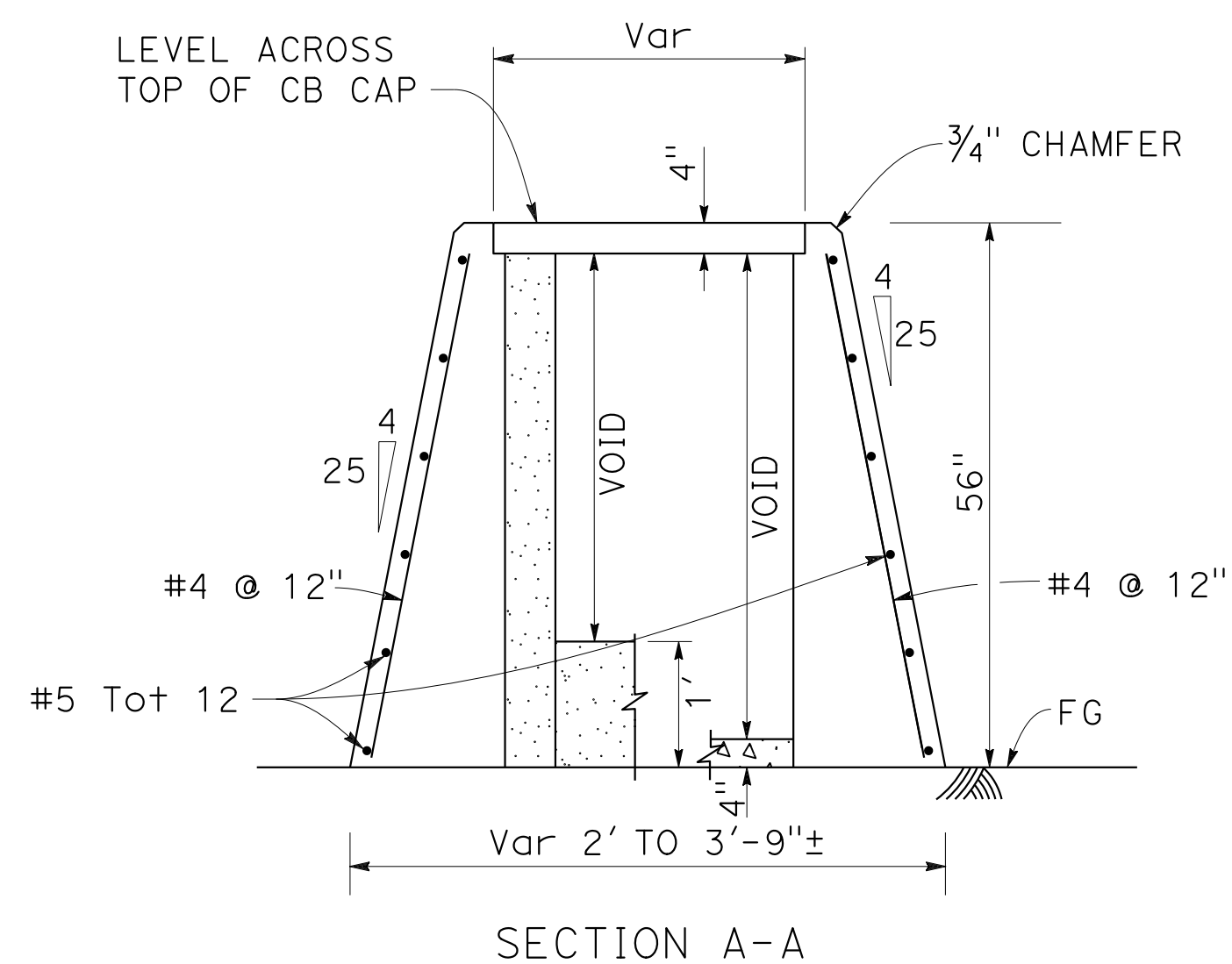
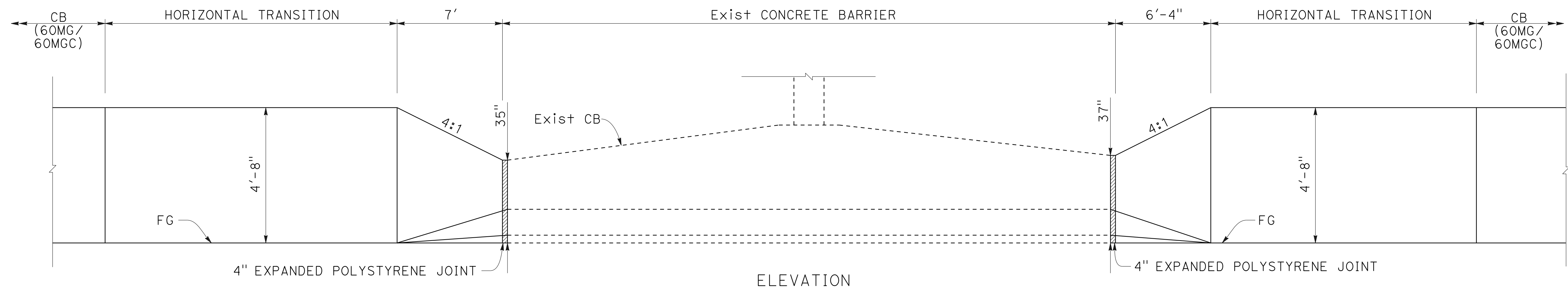
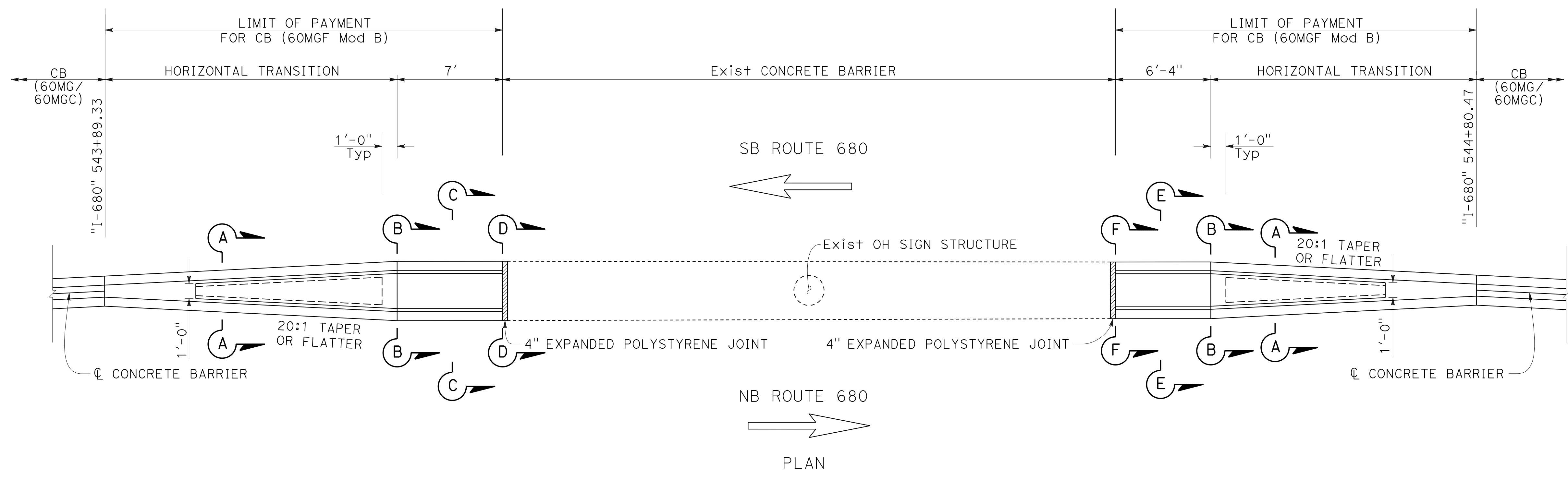
CONSTRUCTION DETAILS

NO SCALE

C-45

O:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga045.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: ABHIJEET R. BHOI
 FUNCTIONAL SUPERVISOR: BENJAMIN DEMONBREUN
 TIANHUA SUN
 REVISIONS: 9-29-21
 USERNAME => p302438
 DGN FILE => 0420000235ga045.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	119	1710
ARBhoi REGISTERED CIVIL ENGINEER October 8, 2021 PLANS APPROVAL DATE			9-29-21 DATE Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL STATE OF CALIFORNIA		
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



**CONCRETE BARRIER (60MGF Mod B)
AT "I-680" 544+36 OH SIGN STRUCTURE**

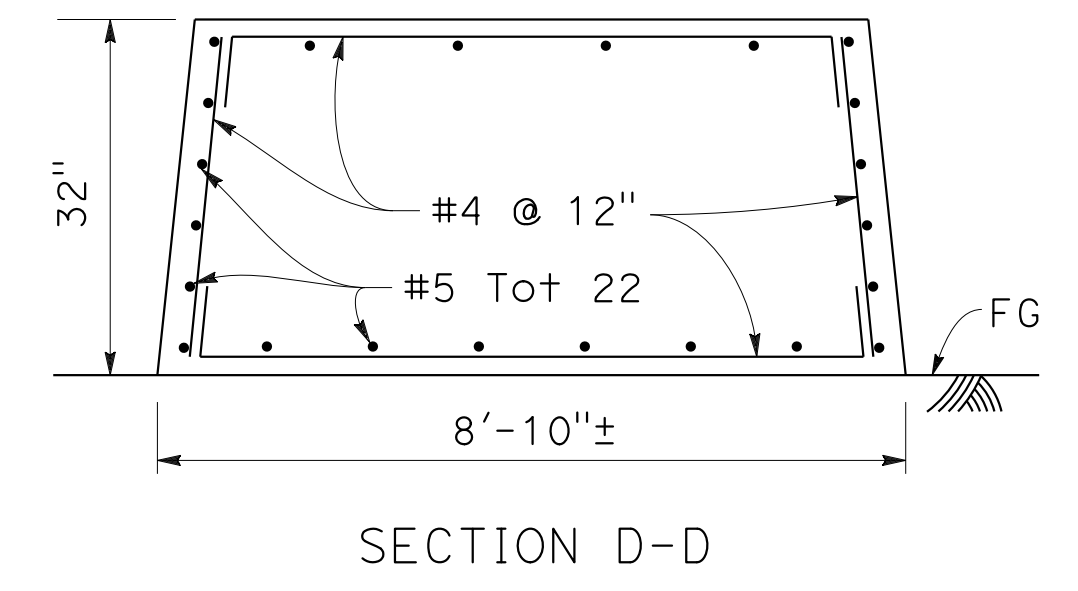
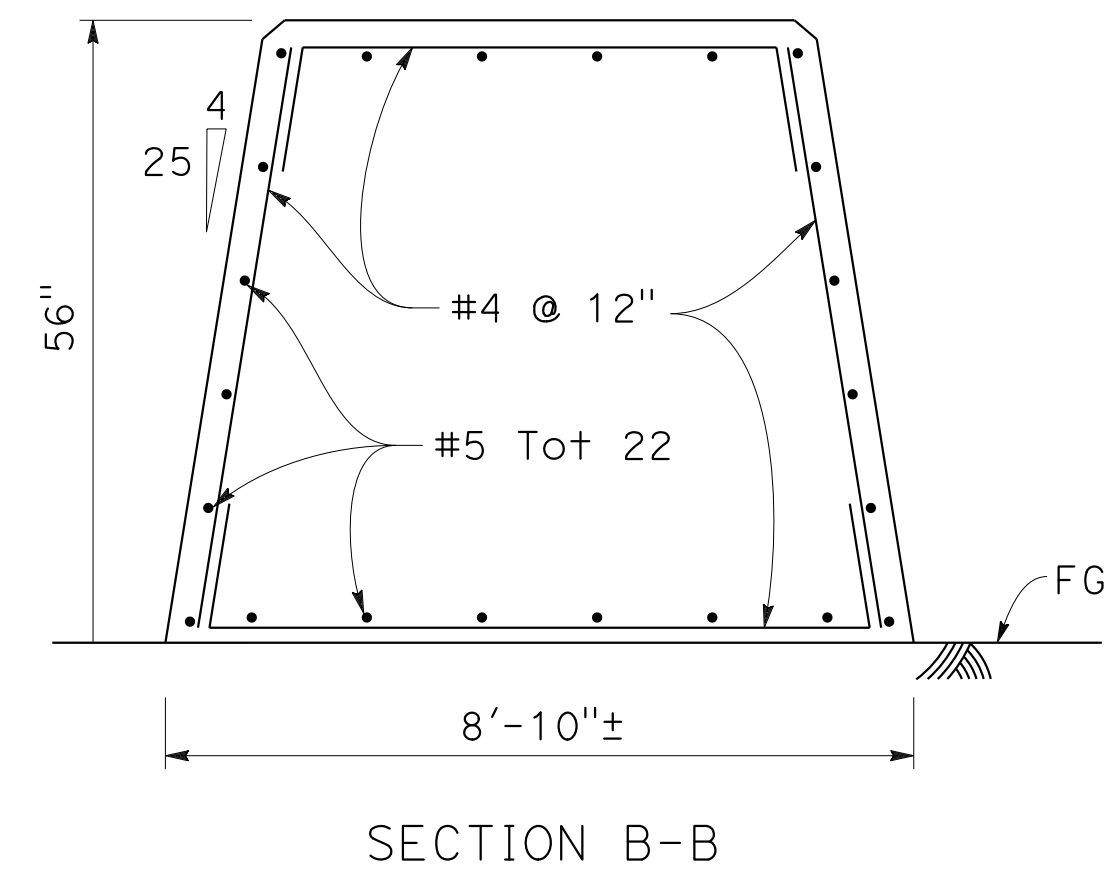
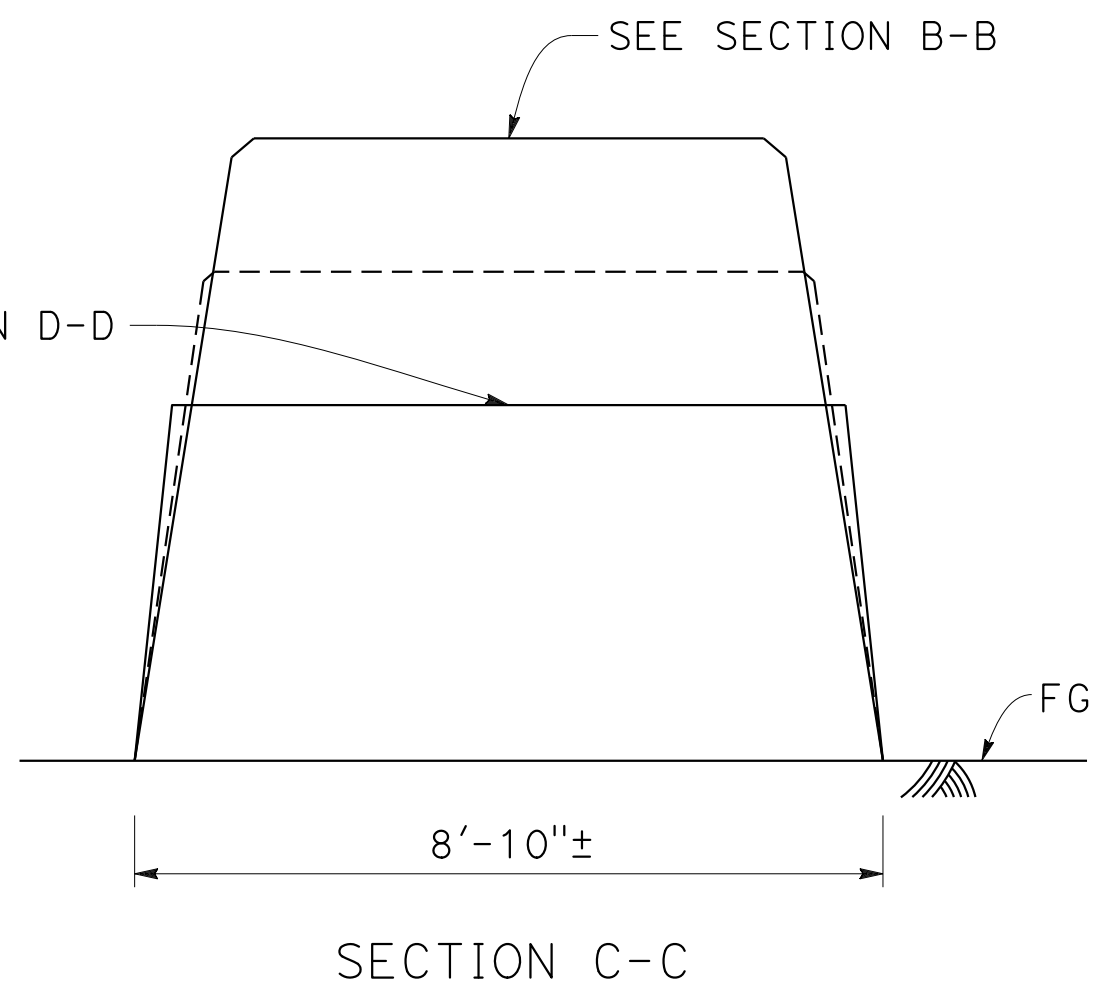
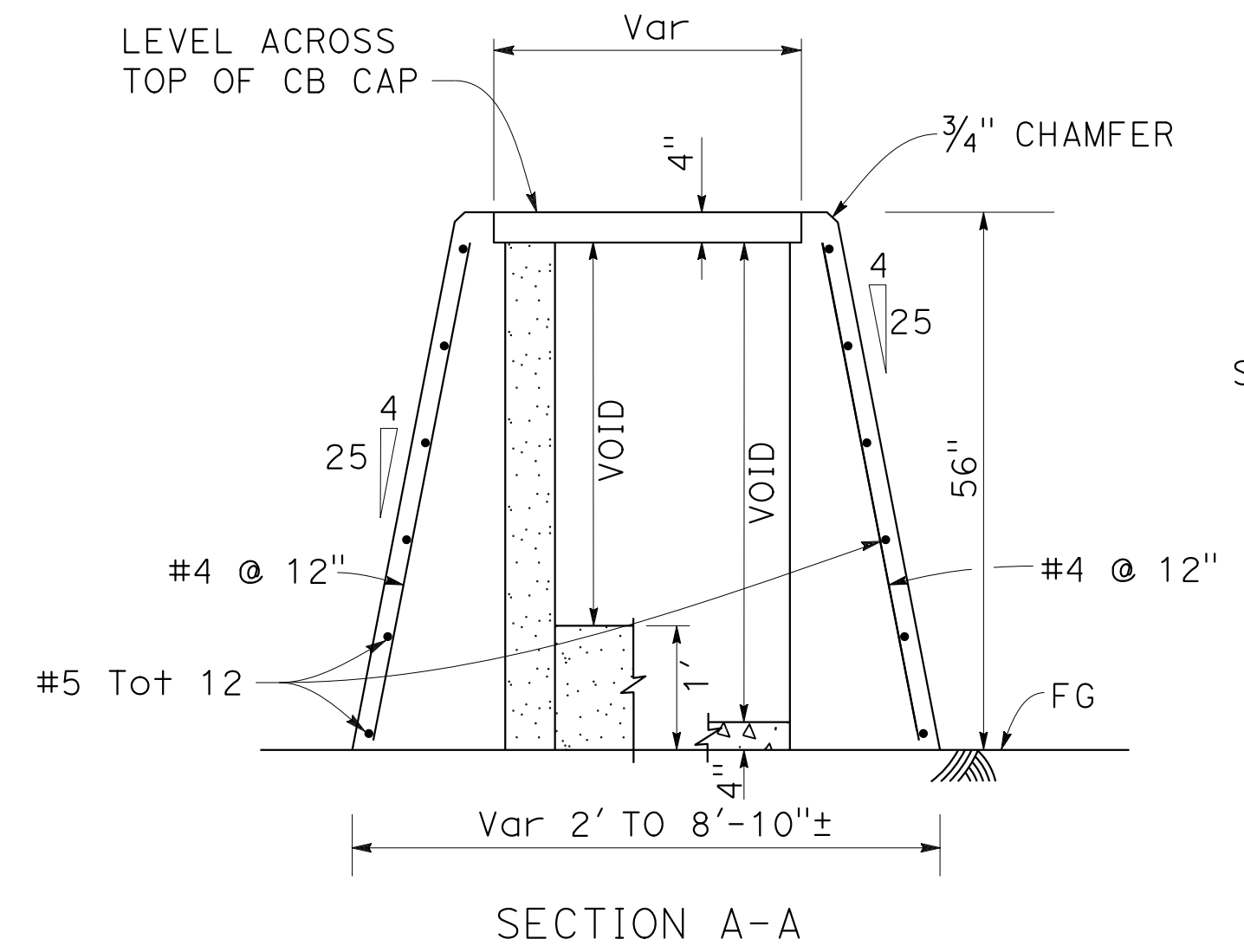
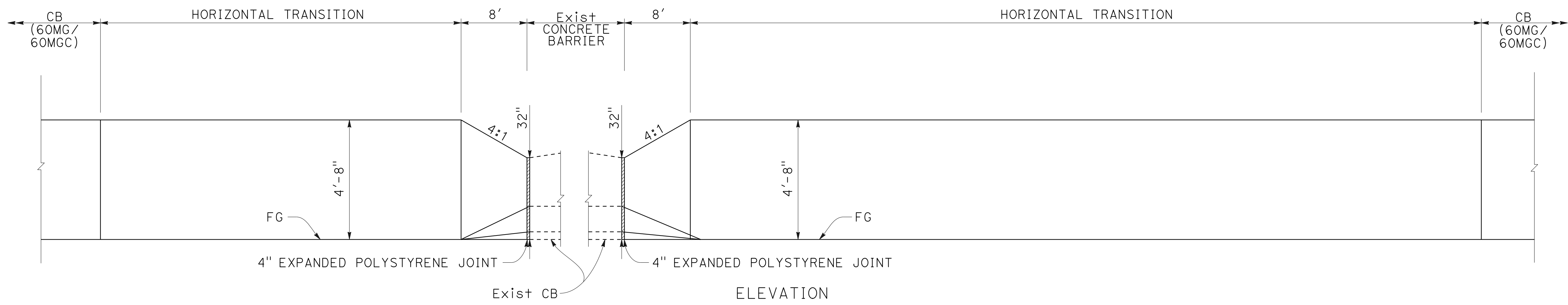
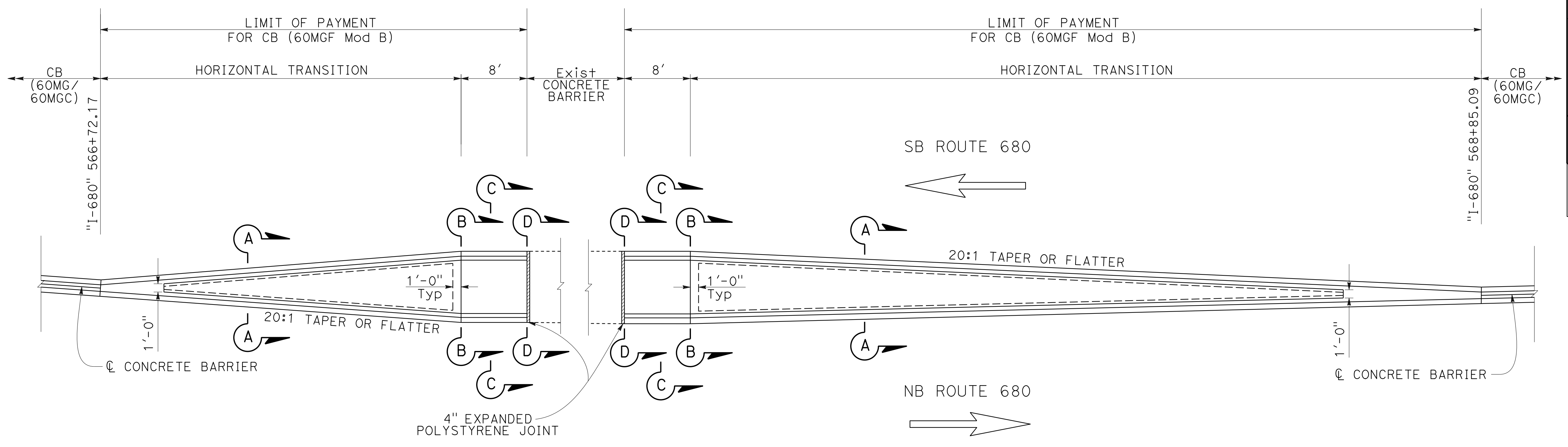
CONSTRUCTION DETAILS
NO SCALE

C-46

O:\0030\DRAWING\FINAL_P58E\0420000235ga046.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Caltrans

BD	9-29-21
REVISOR	DATE
BENJAMIN DEMONBREUN	TIANHUA SUN
CALCULATED-DESIGNED BY	CHECKED BY
ABHIJEET R. BHOI	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	120	1710
ARBhoi REGISTERED CIVIL ENGINEER DATE 9-29-21			Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL STATE OF CALIFORNIA		
October 8, 2021 PLANS APPROVAL DATE					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



**CONCRETE BARRIER (60MGF Mod B)
AT S680-E580 Conn OC**

CONSTRUCTION DETAILS

NO SCALE

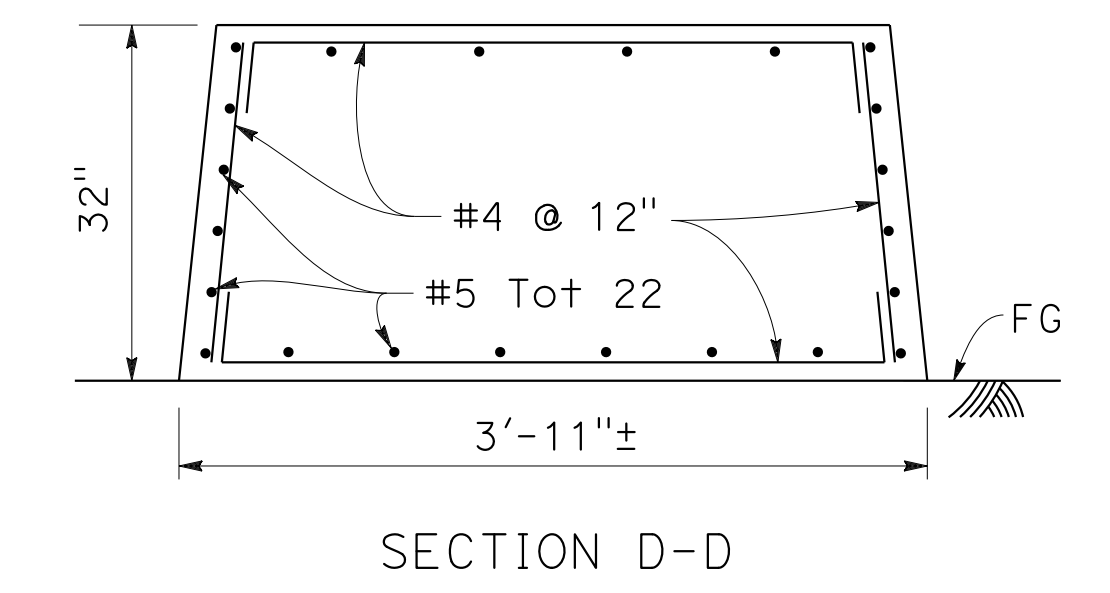
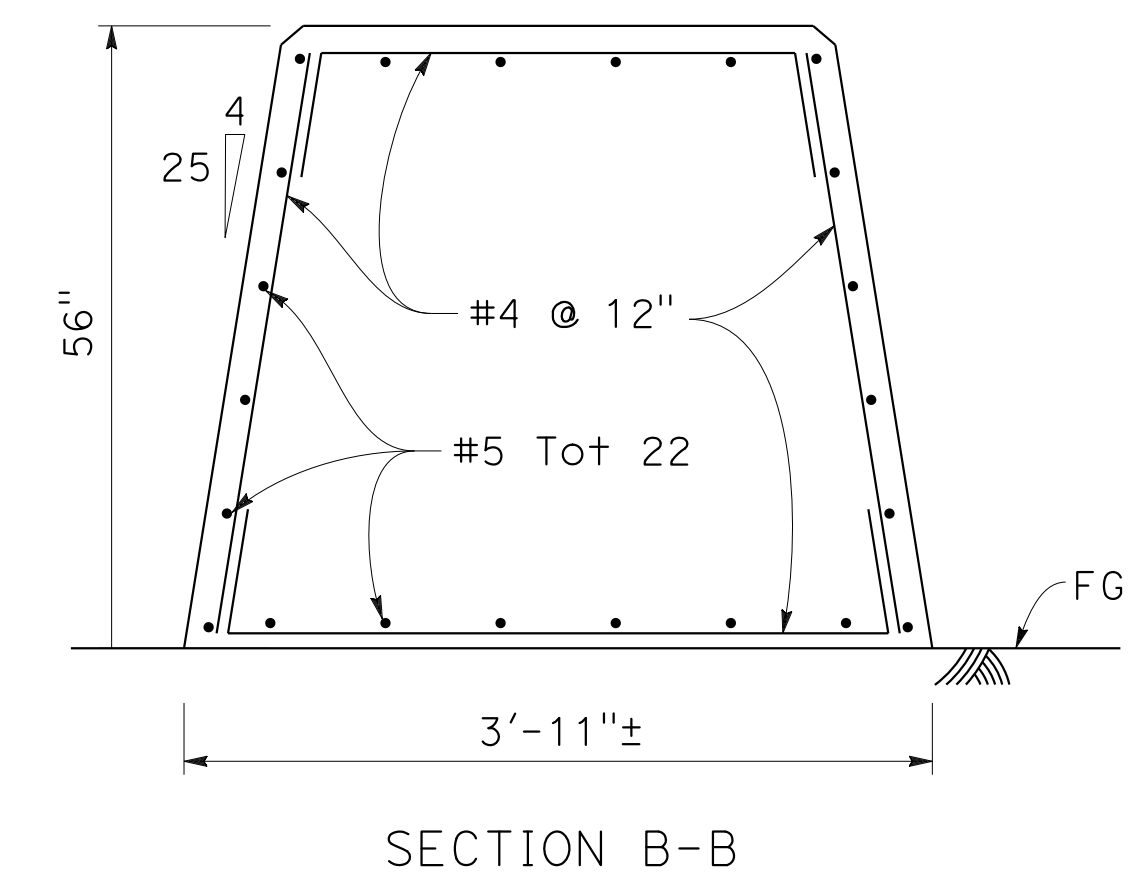
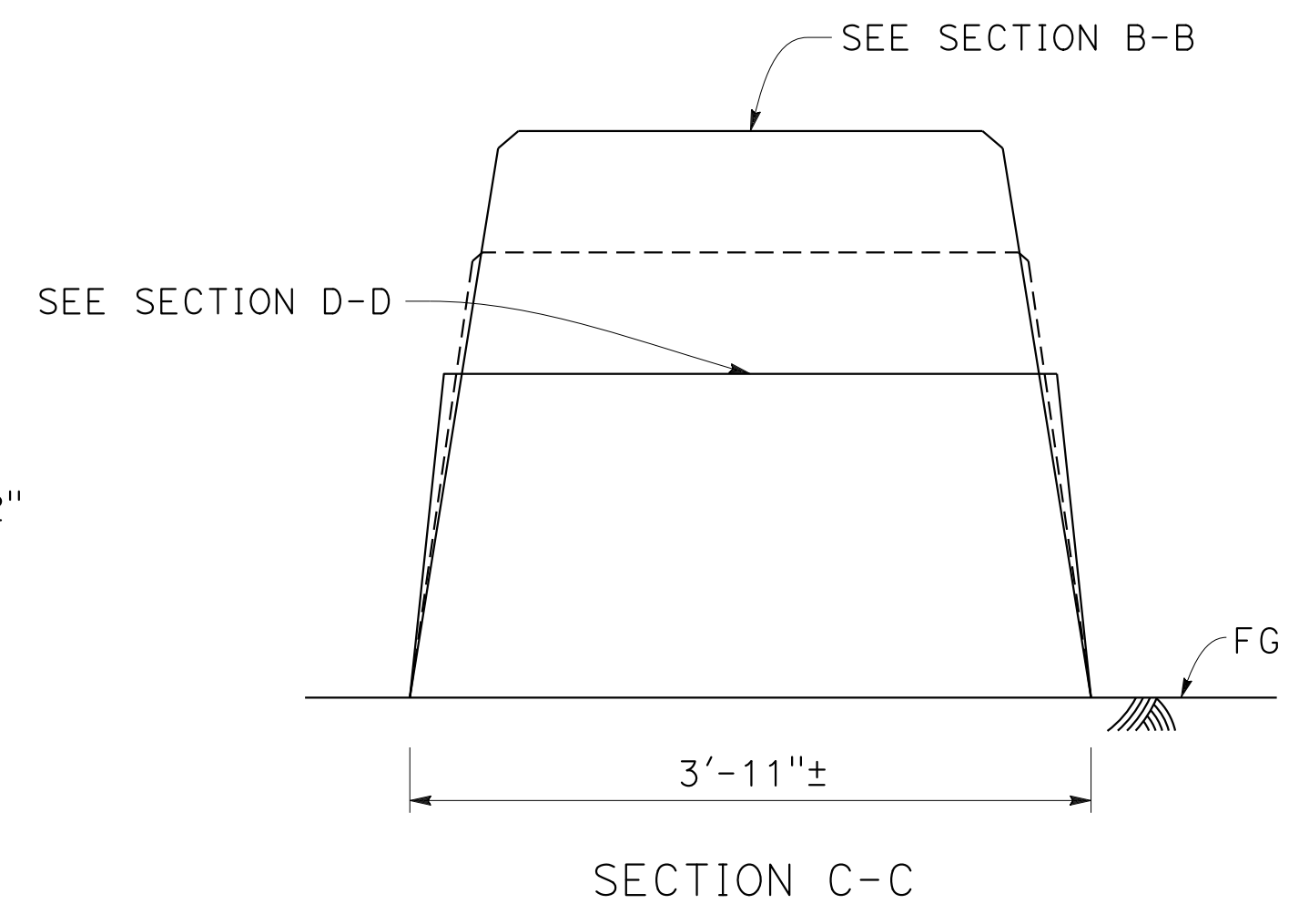
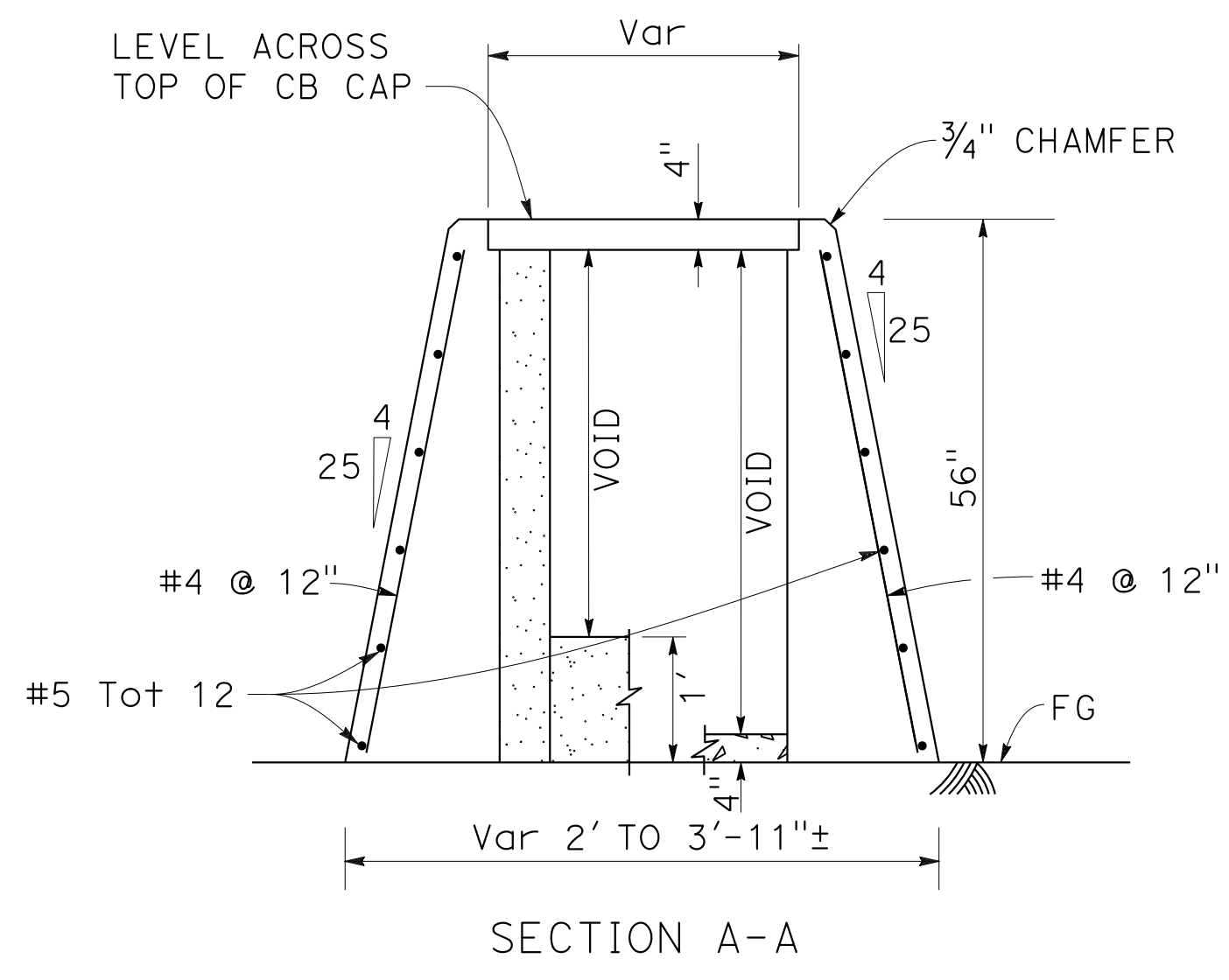
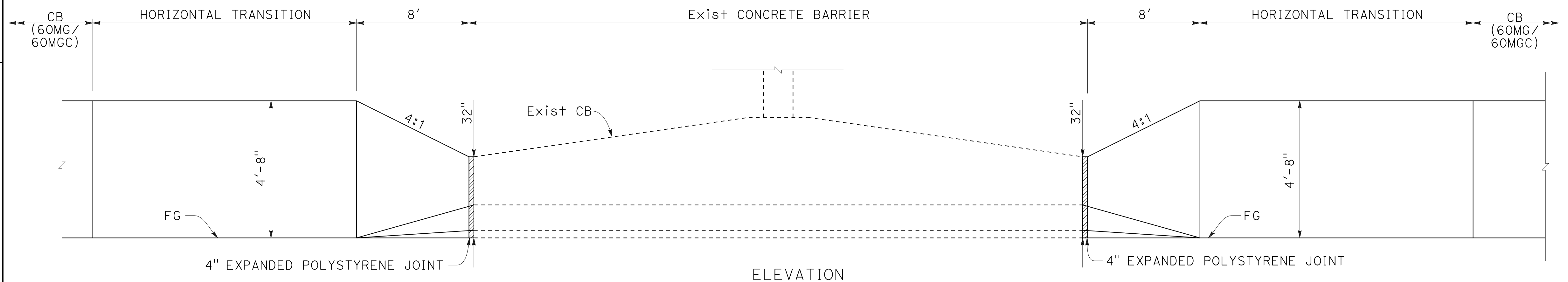
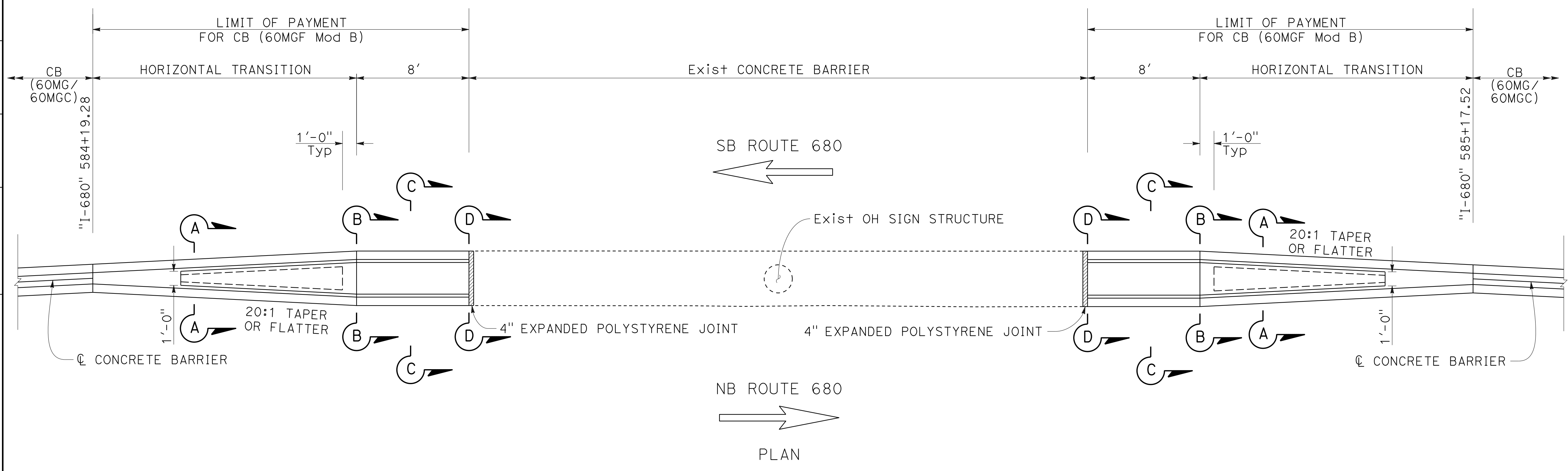
C-47

O:\0030\UNDRRAFTING\FINAL_P58E\0420000235ga047.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans

BO	9-29-21
REVISOR	DATE
BENJAMIN DEMONBREUN	TIANHUA SUN
CALCULATED/DESIGNED BY	CHECKED BY
ABHIJEET R. BHOI	

LAST REVISION DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	121	1710
ARBhoi REGISTERED CIVIL ENGINEER DATE 9-29-21			October 8, 2021 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.					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



**CONCRETE BARRIER (60MGF Mod B)
AT "I-680" 584+68 OH SIGN STRUCTURE**

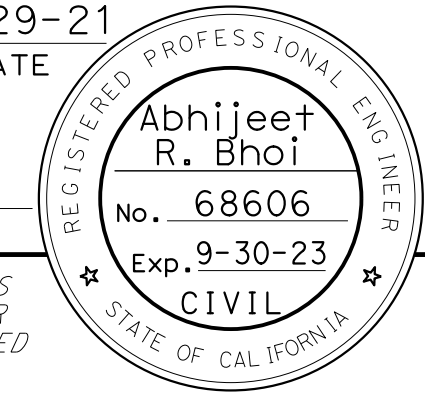
CONSTRUCTION DETAILS

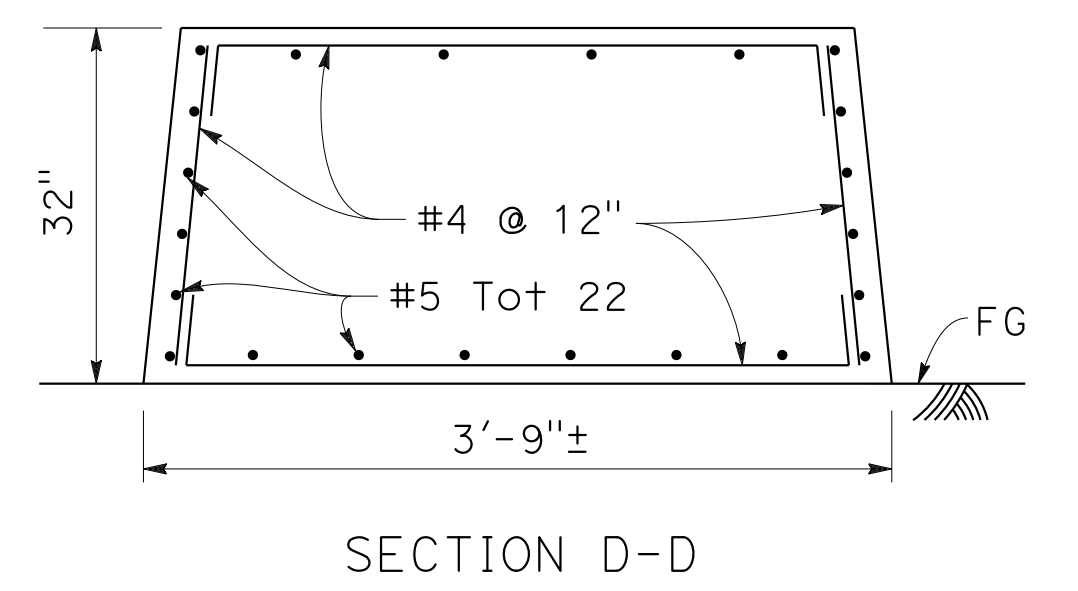
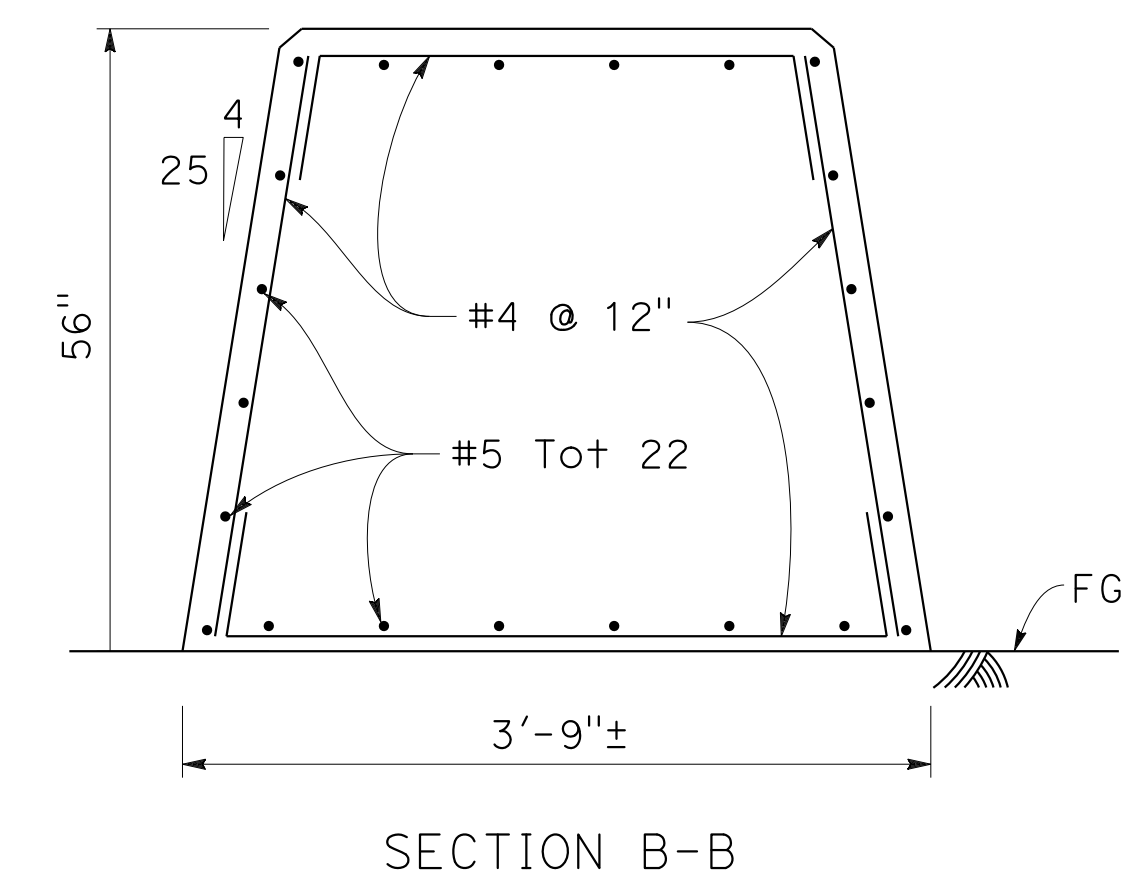
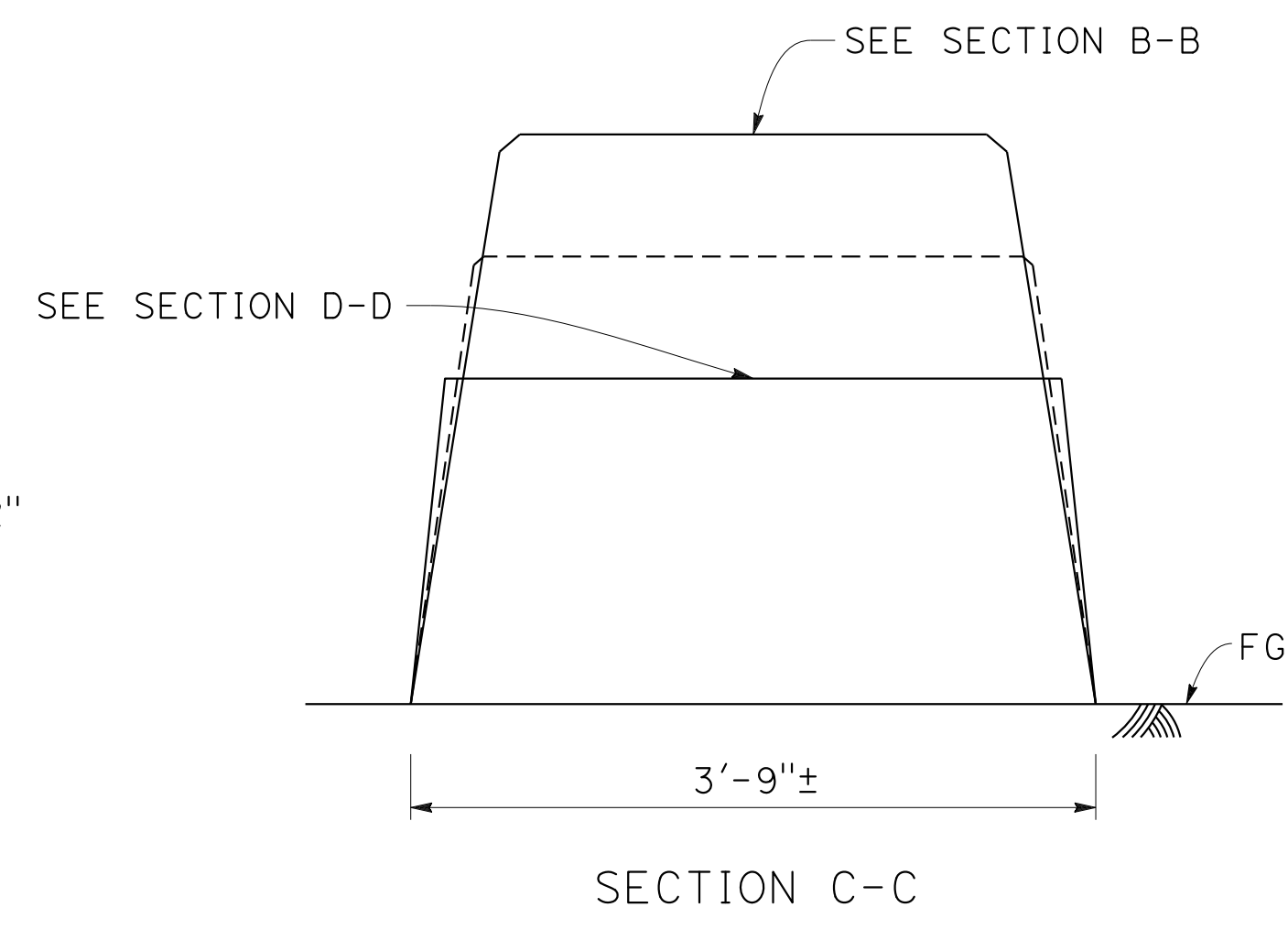
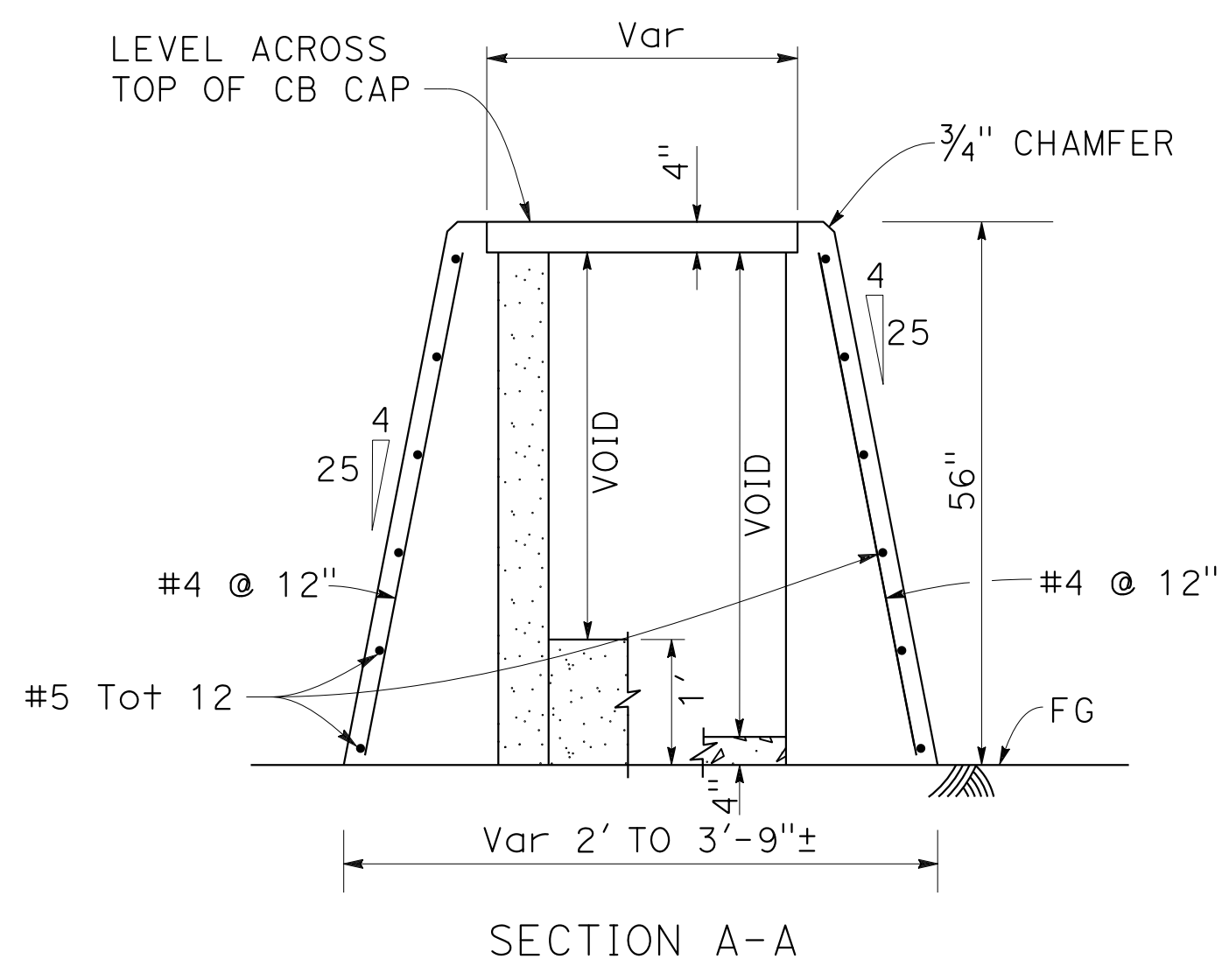
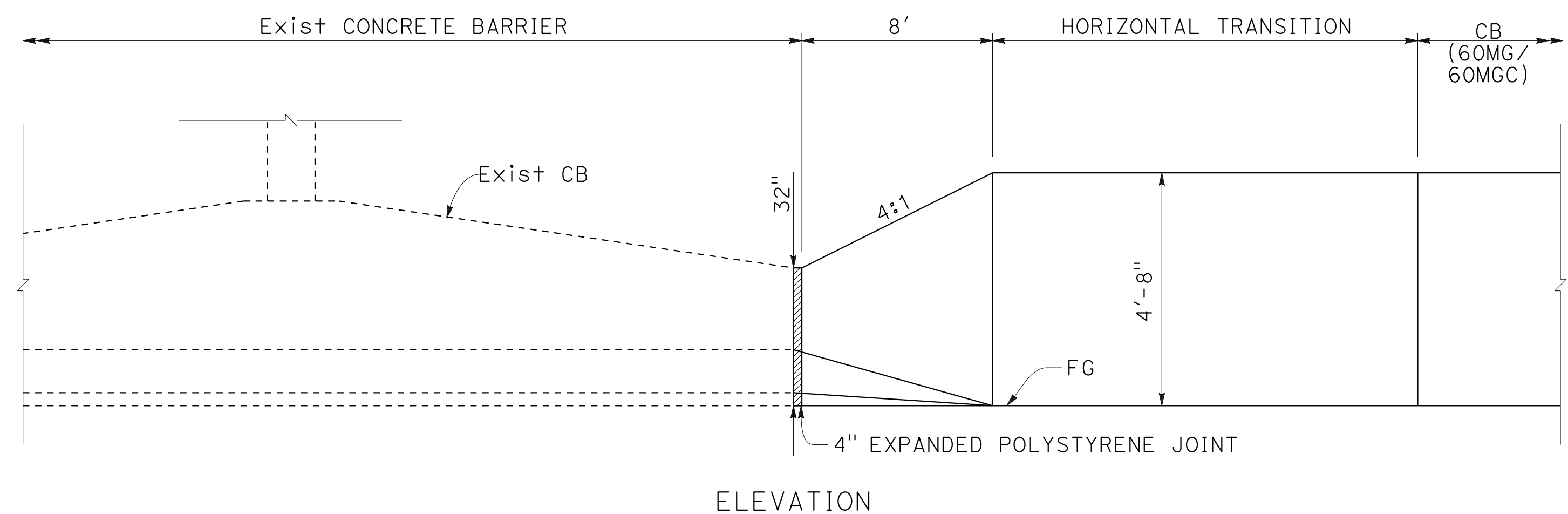
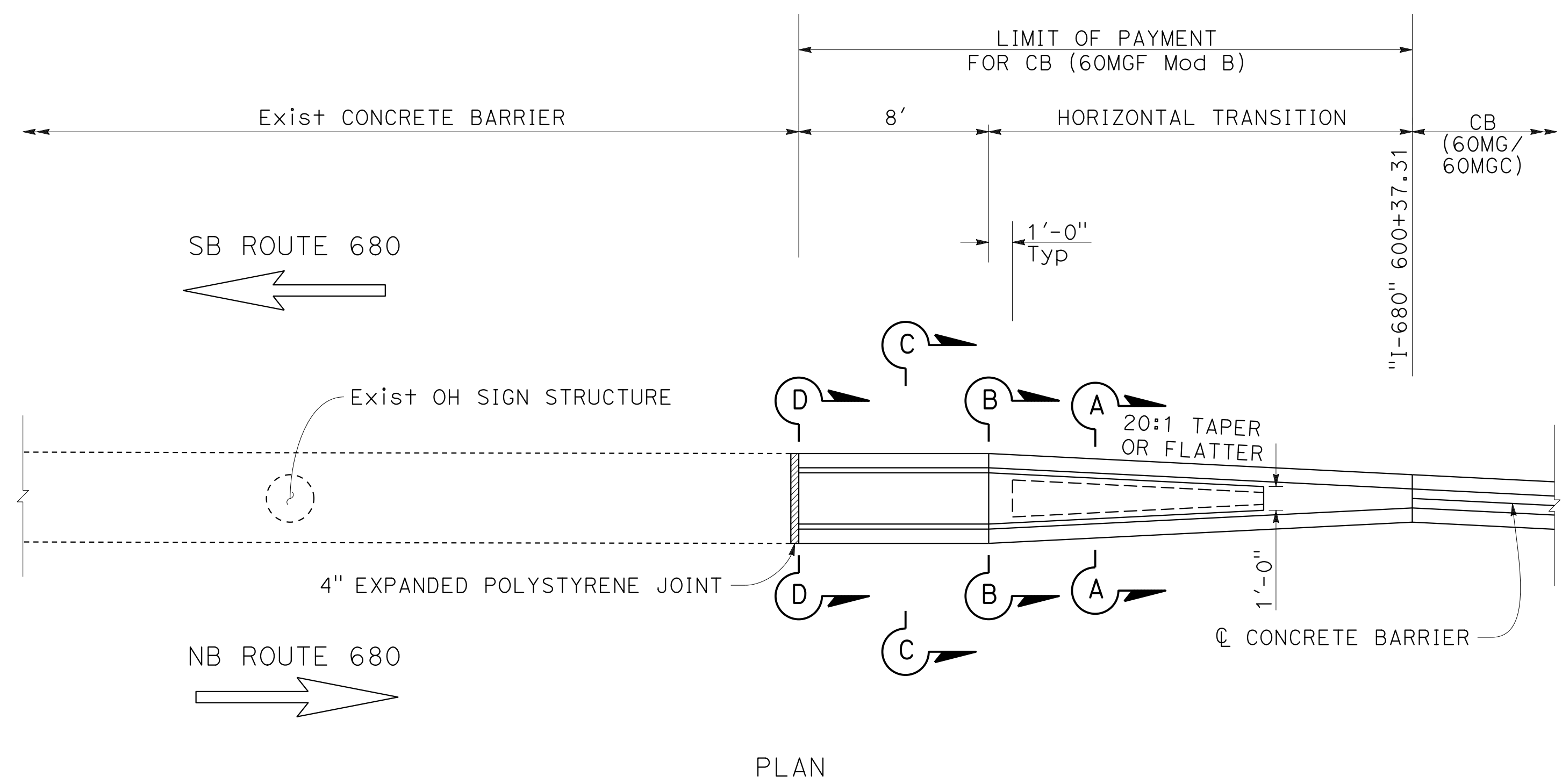
NO SCALE

C-48

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans

BD	9-29-21
REVISOR	DATE
BENJAMIN DEMONBREUN	TIANHUA SUN
CALCULATED/DESIGNED BY	CHECKED BY
ABHIJEET R. BHOI	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	122	1710
<i>ARBhoi</i> REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



**CONCRETE BARRIER (60MGF Mod B)
AT "I-680" 599+69 OH SIGN STRUCTURE**

CONSTRUCTION DETAILS

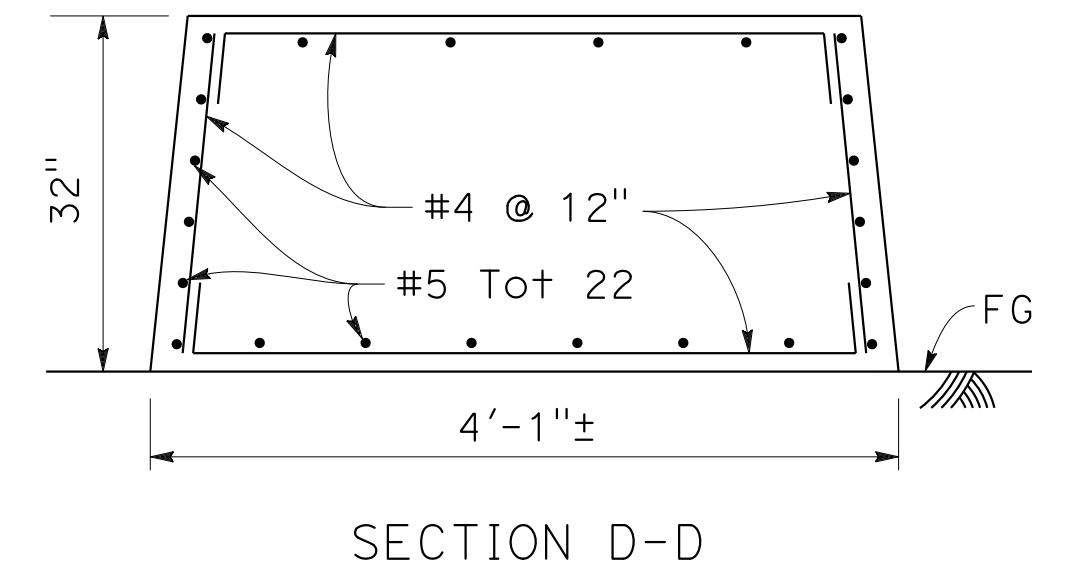
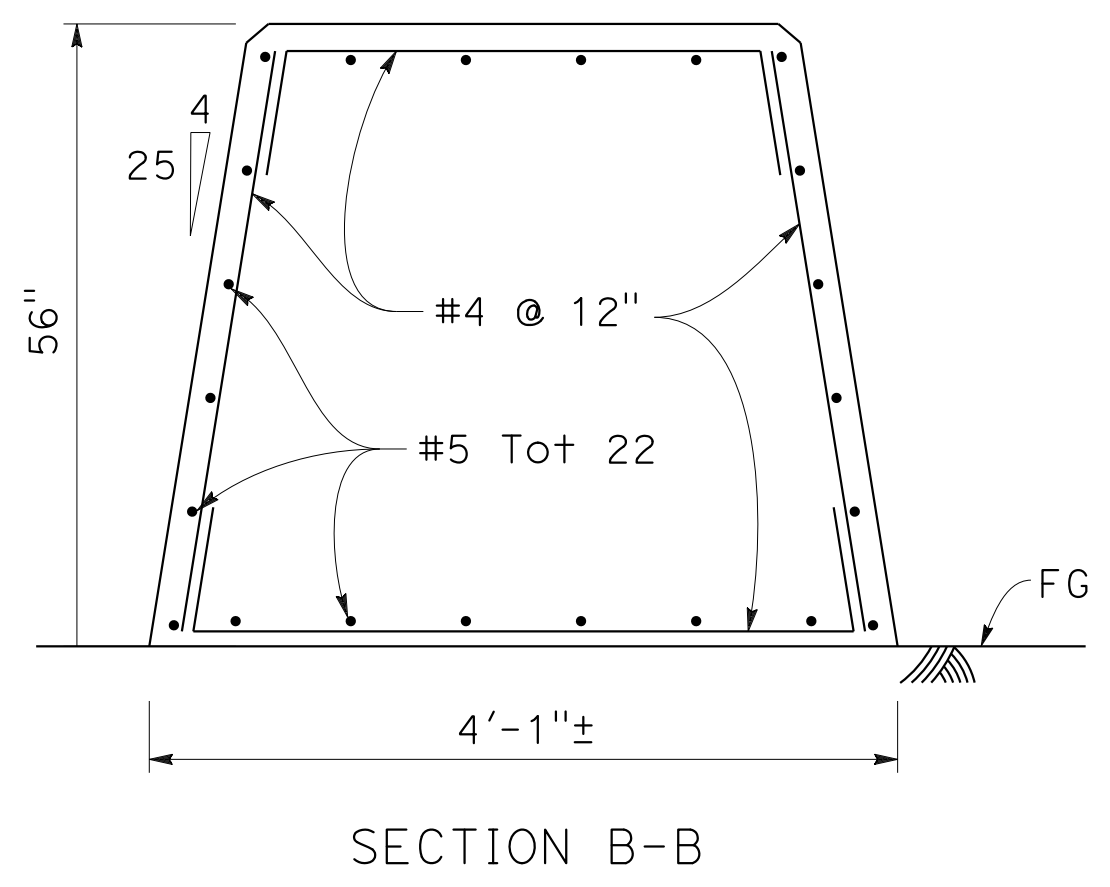
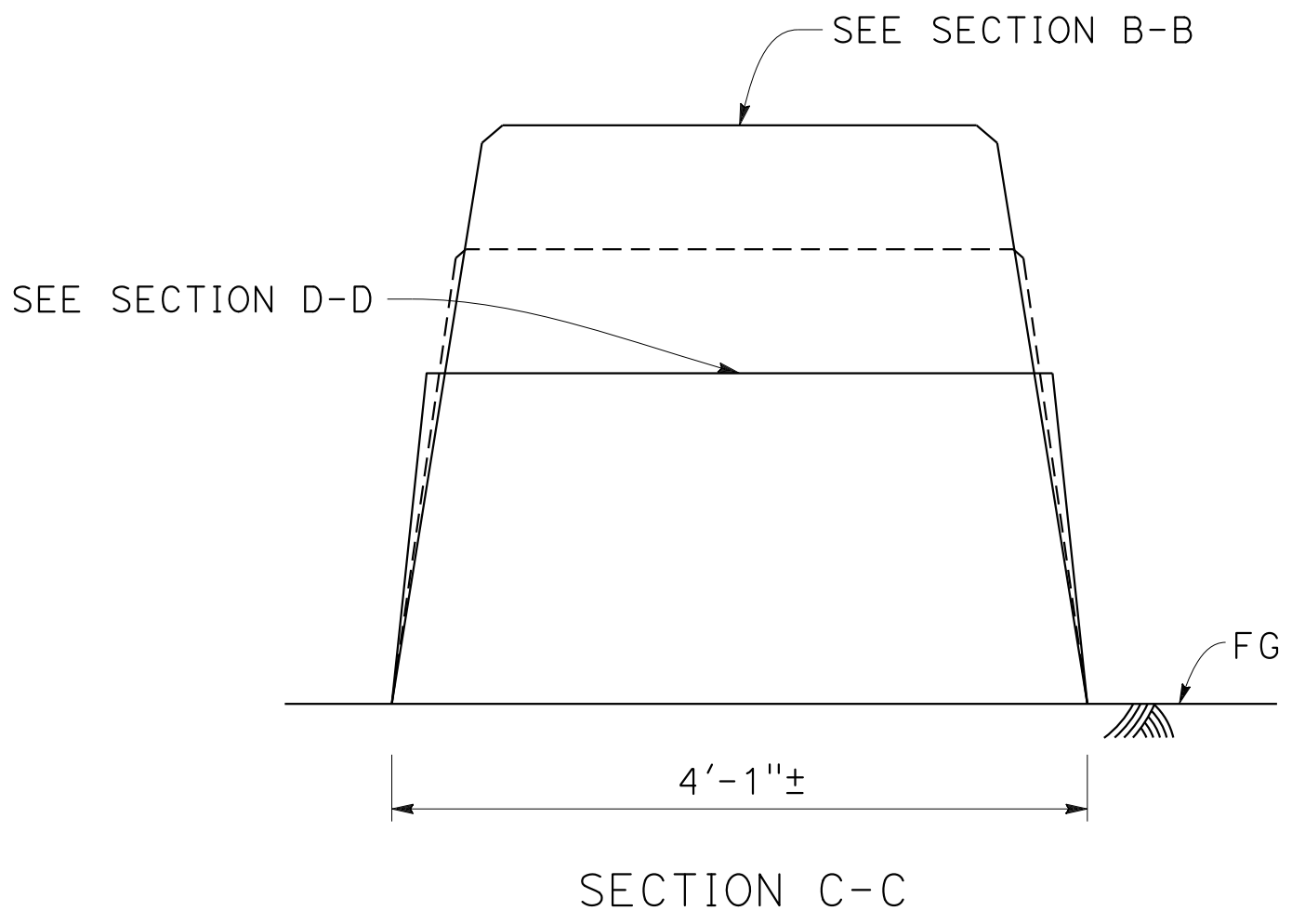
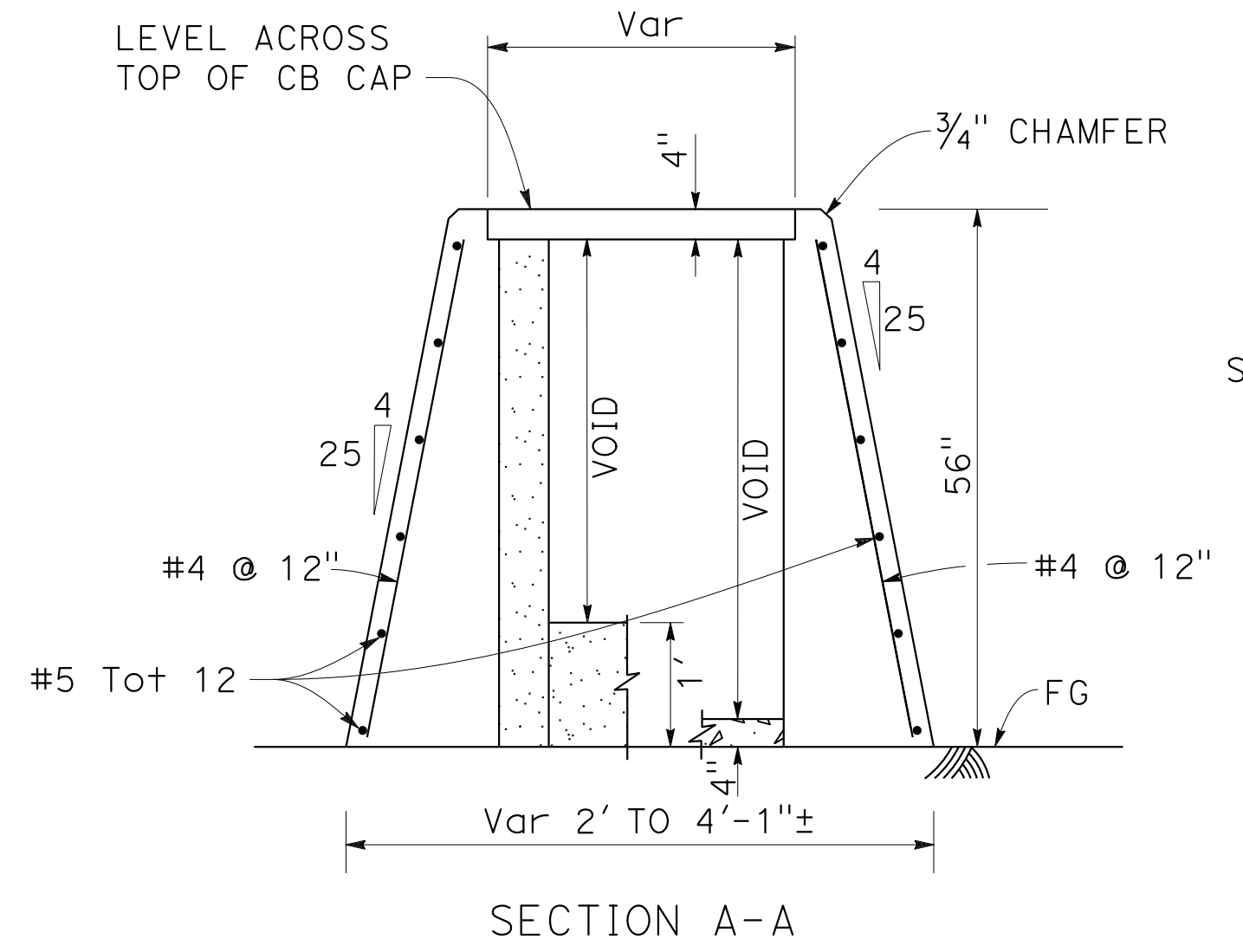
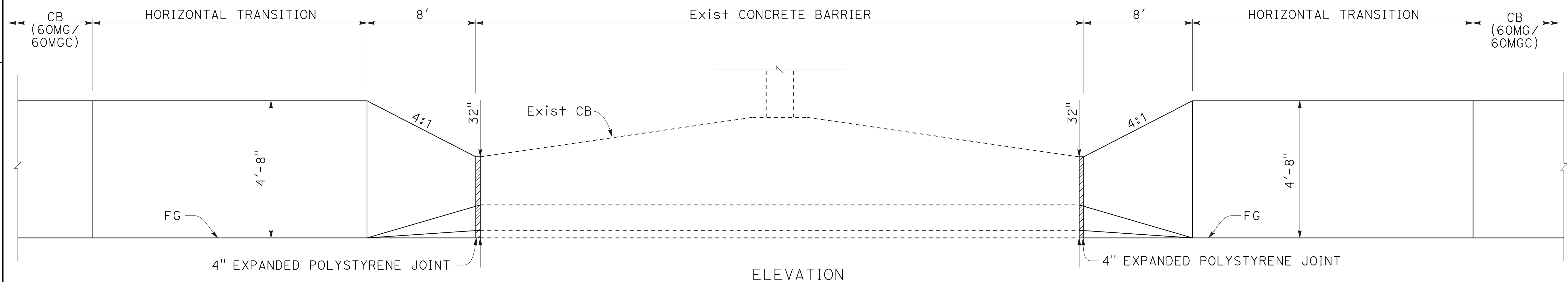
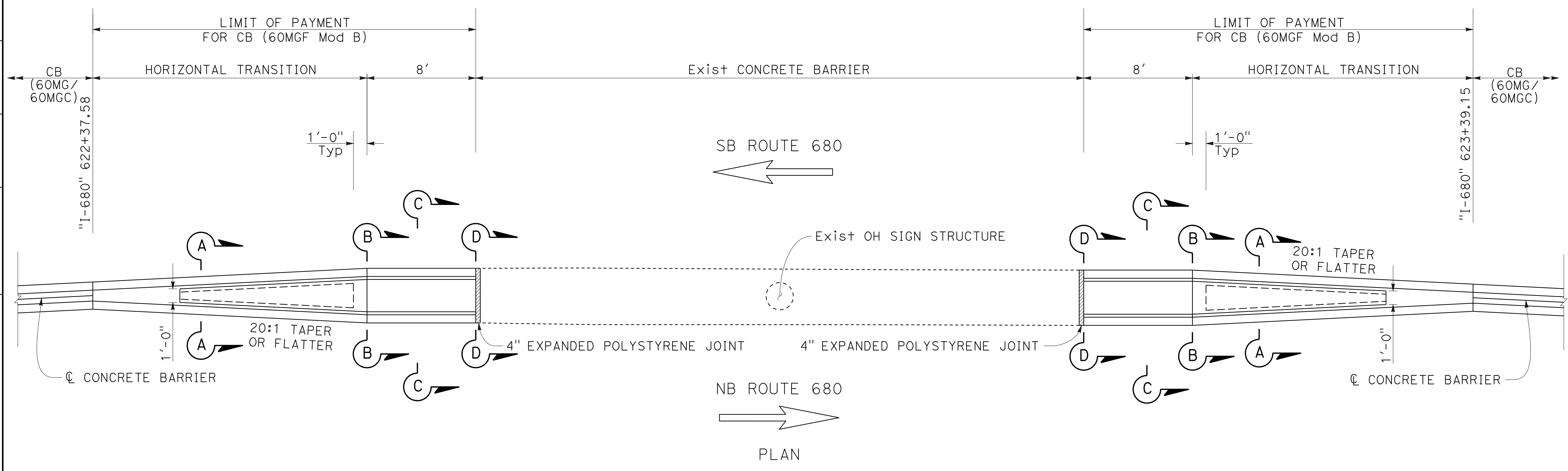
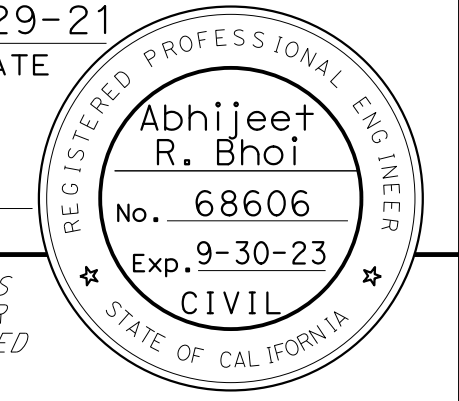
NO SCALE

C-49

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans
 CONSULTANT: ABHIJEET R. BHOI
 SUPERVISOR: BENJAMIN DEMONBREUN
 DESIGNER: TIANHUA SUN
 CHECKED BY: [blank]
 REVISIONS: [blank]
 DATE: 9-29-21
 BO: [blank]

LAST REVISION: [blank]
 DATE PLOTTED => 7-MAR-2022
 TIME PLOTTED => 12:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	123	1710
ARBhoi REGISTERED CIVIL ENGINEER DATE 9-29-21			October 8, 2021 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.					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



**CONCRETE BARRIER (60MGF Mod B)
AT "I-680" 622+88.26 OH SIGN STRUCTURE**

CONSTRUCTION DETAILS

NO SCALE

C-50

O:\0030\DRAWING\FINAL_P58E\0420000235ga050.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: ABHIJEET R. BHOI
 SUPERVISOR: BENJAMIN DEMONBREUN
 DESIGNER: TIANHUA SUN
 CHECKER: [blank]
 REVISIONS: [blank]
 DATE: 9-29-21

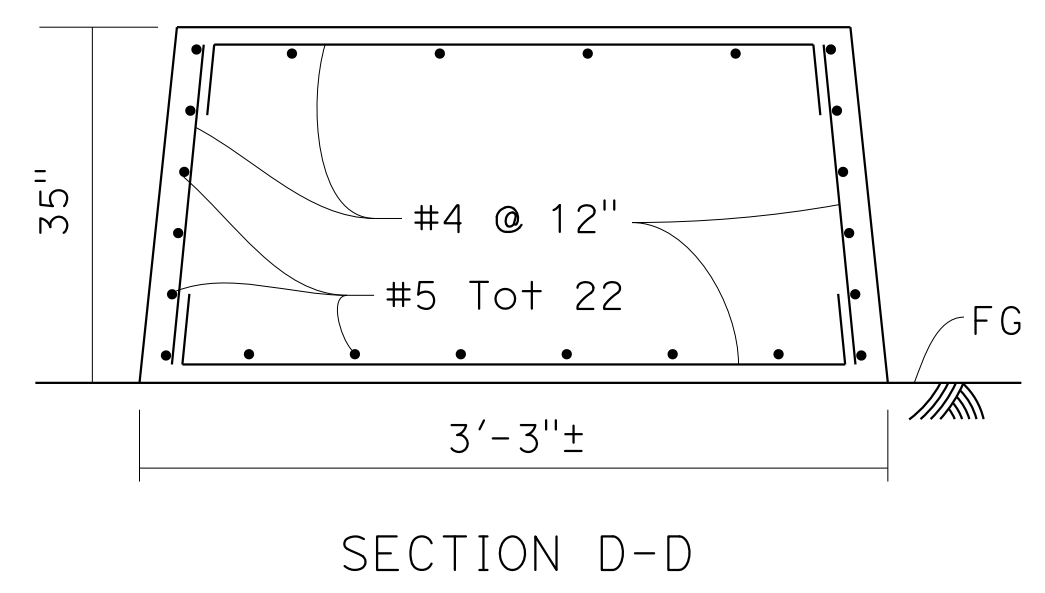
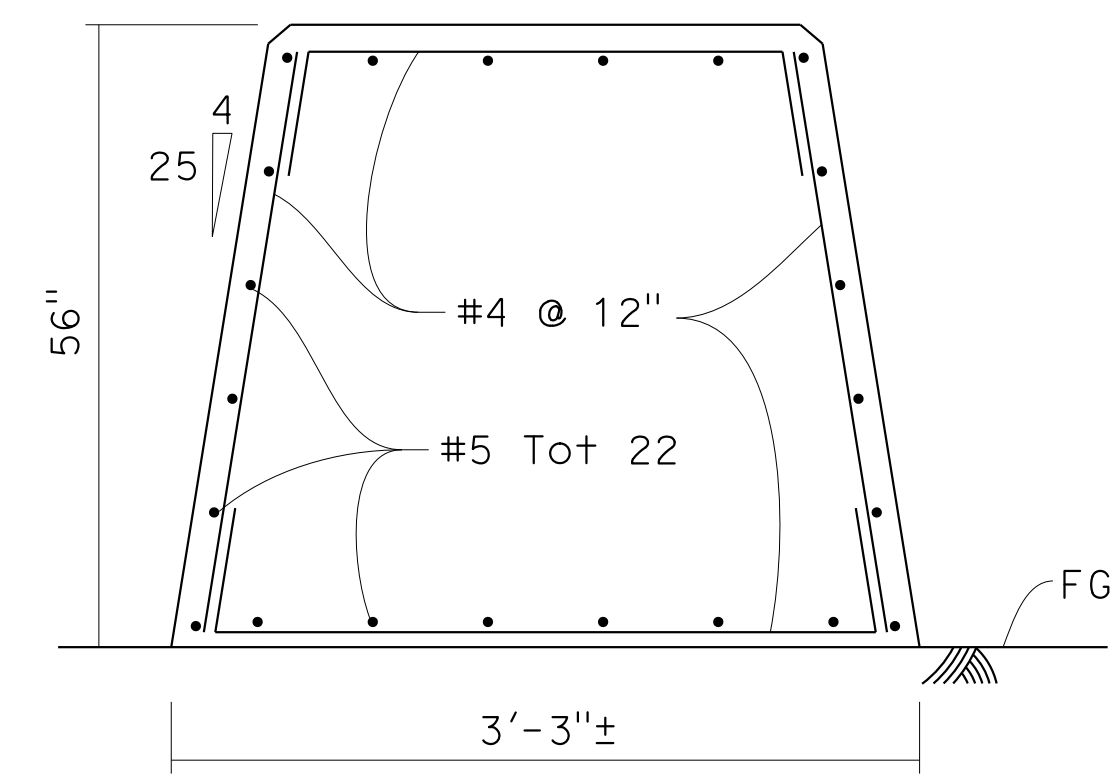
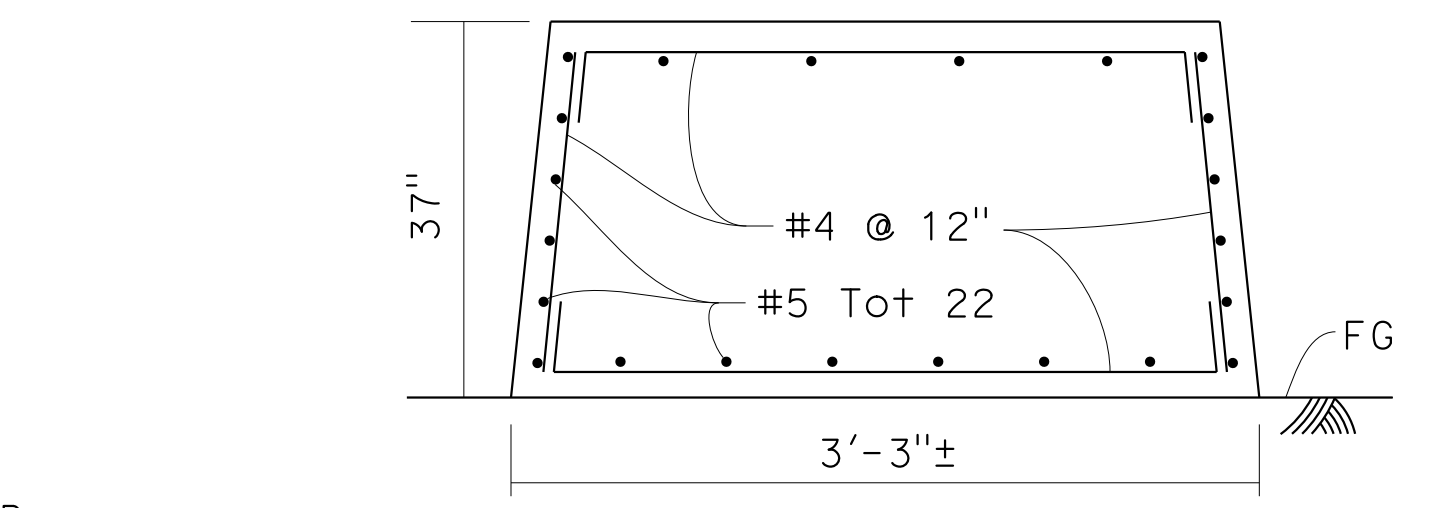
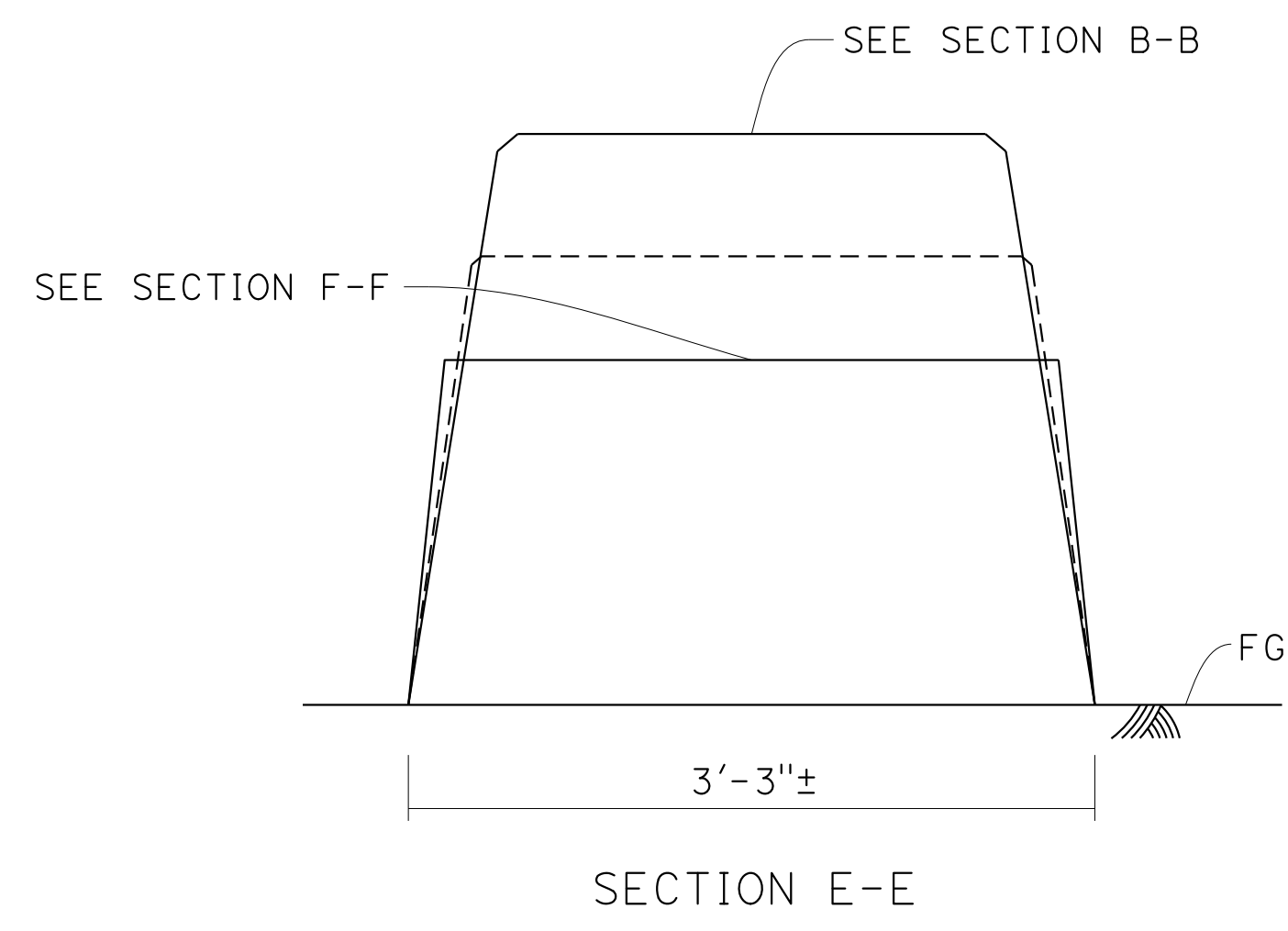
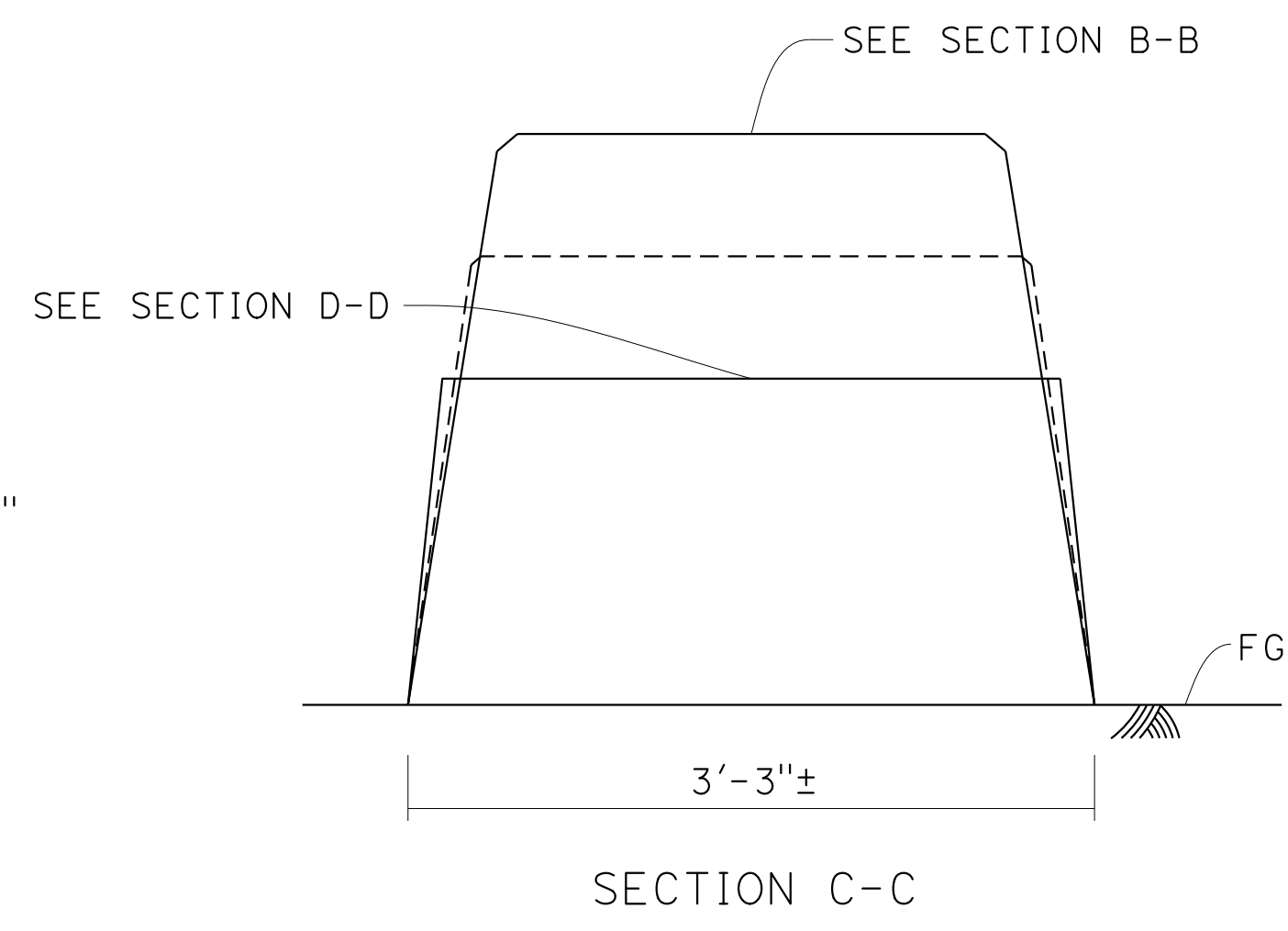
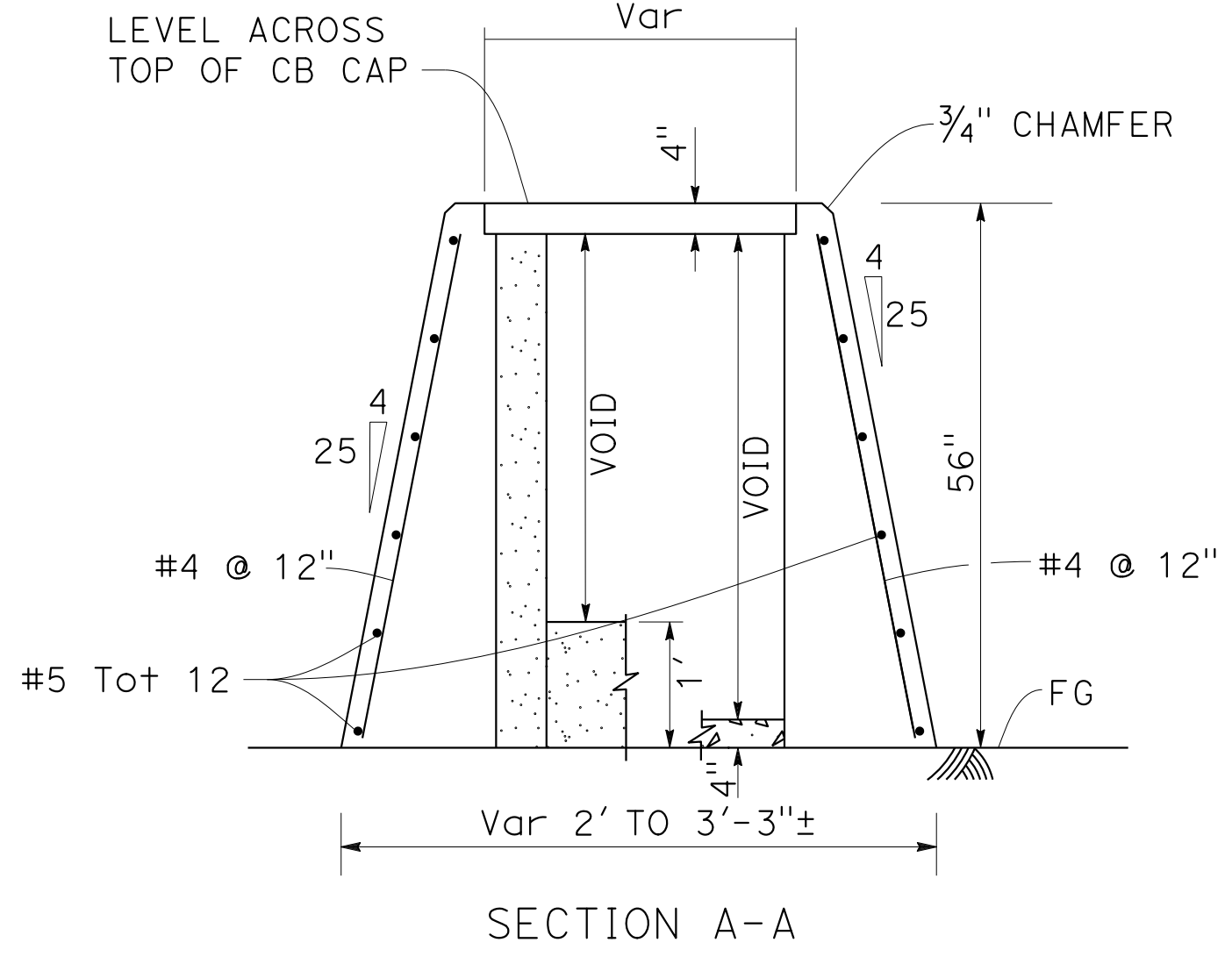
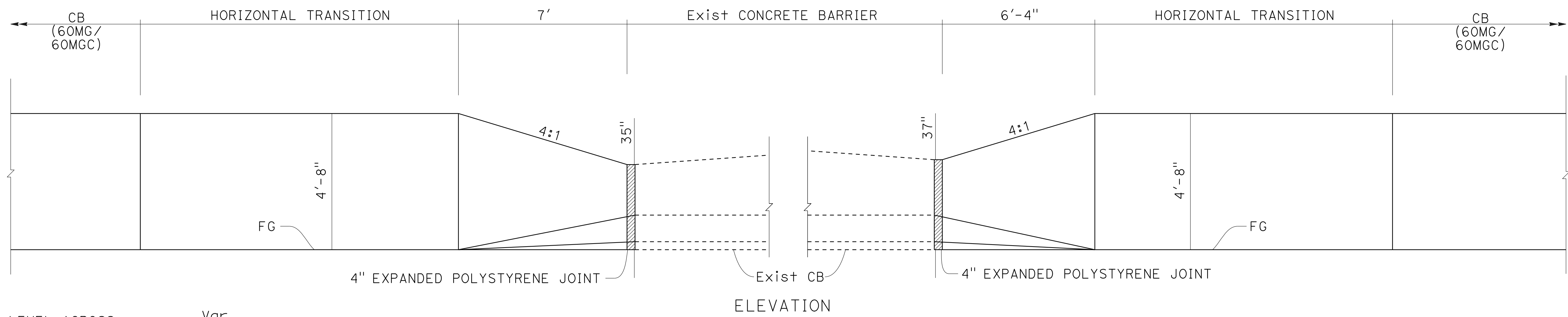
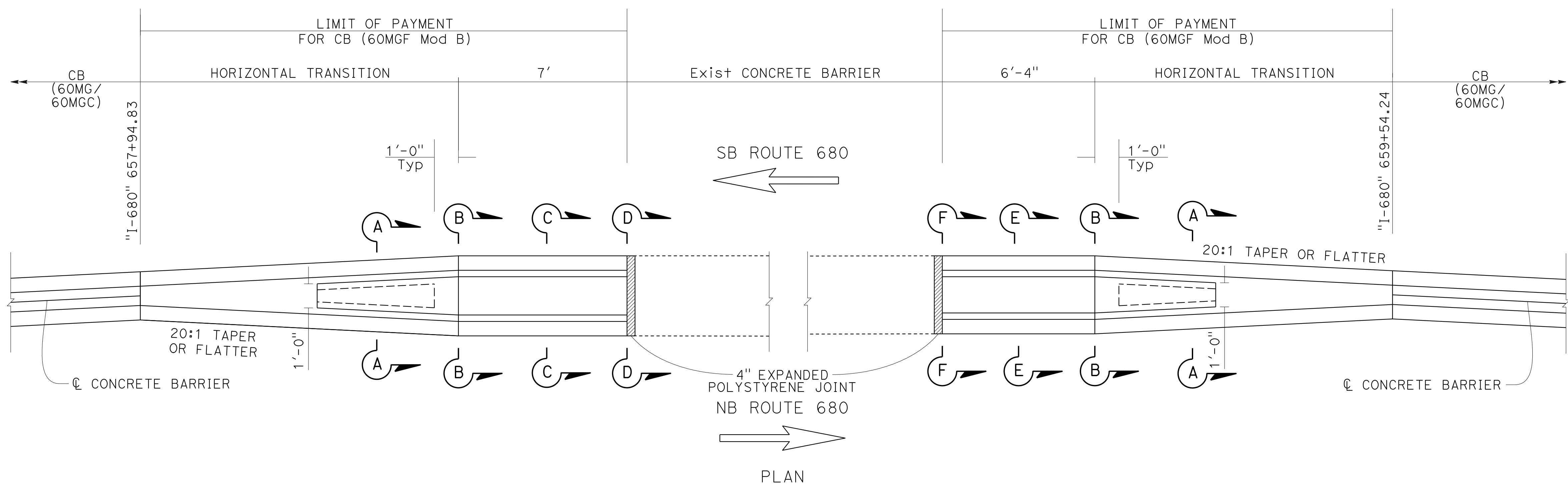
LAST REVISION: 09-29-21
 DATE PLOTTED => 7-MAR-2022
 TIME PLOTTED => 12:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	124	1710

REGISTERED CIVIL ENGINEER **Abhijeet R. Bhoi** No. 68606 Exp. 9-30-23
 DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

AECOM
 4 N. Second Street
 Suite 675
 San Jose, CA 95113

ALAMEDA CTC
 1111 Broadway
 Suite 800
 Oakland, CA 94607



**CONCRETE BARRIER (60MGF Mod B)
 AT ALCOSTA Blvd OC**

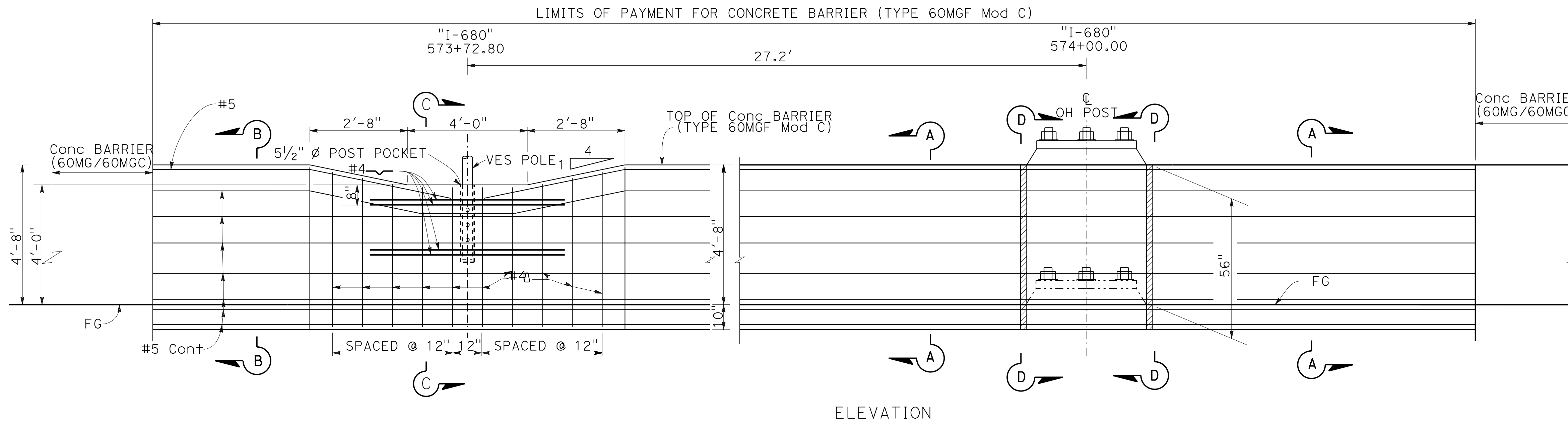
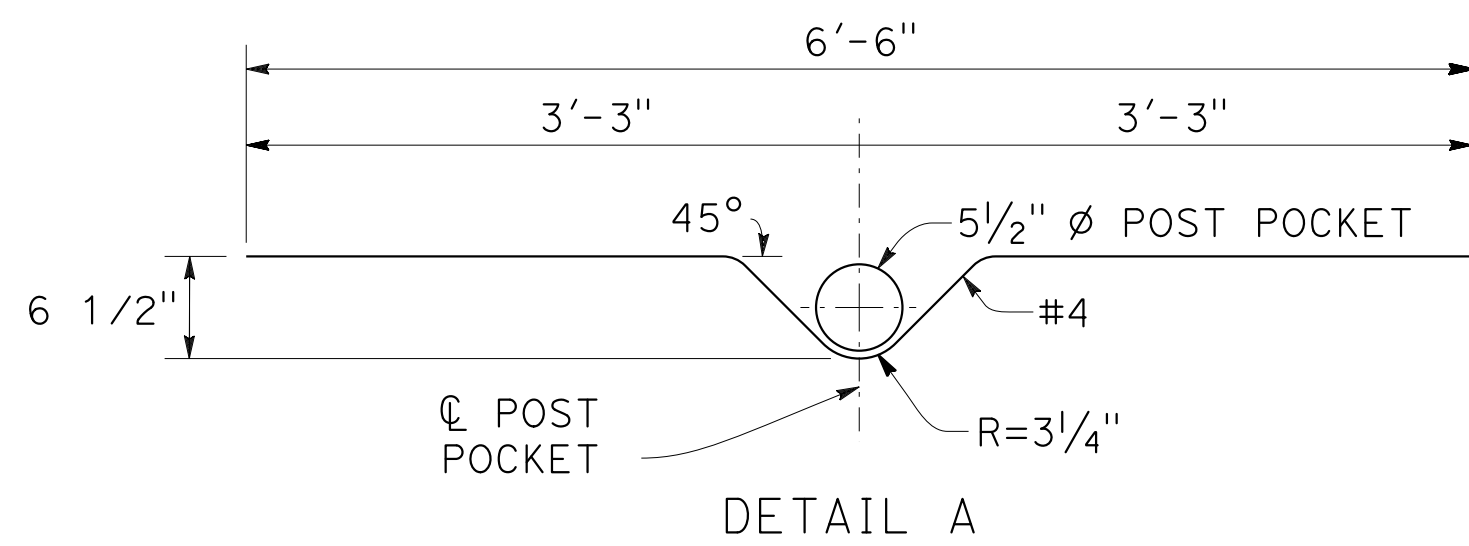
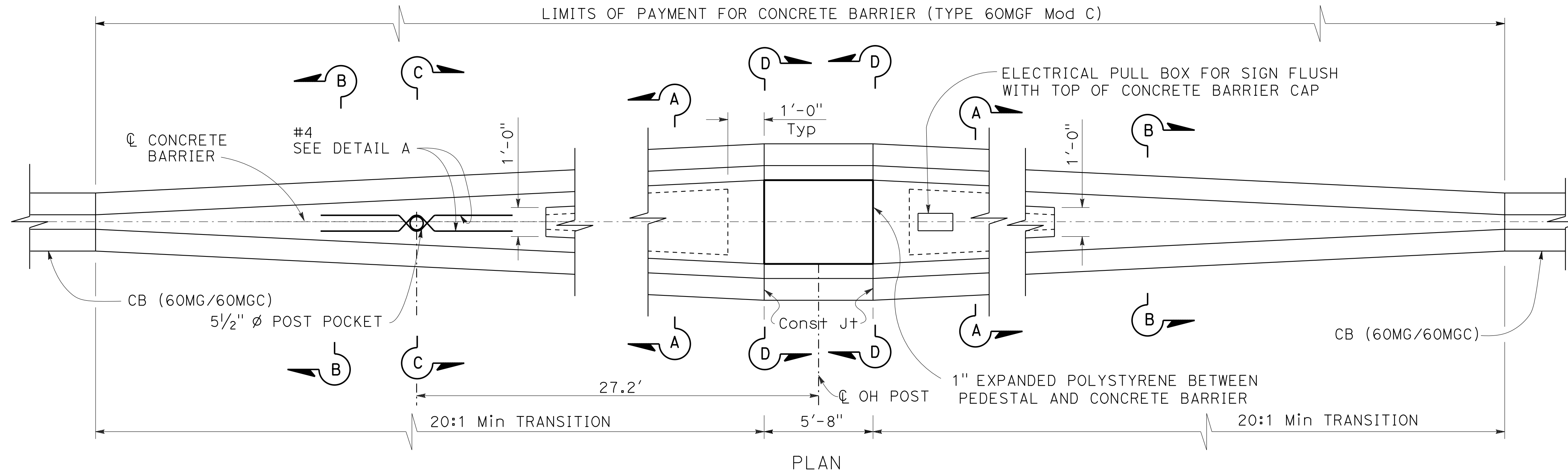
CONSTRUCTION DETAILS
 NO SCALE

C-51

0:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga051.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR
 ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY
 CHECKED BY
 BENJAMIN DEMONBREUN
 TIANHUA SUN
 REVISOR
 DATE
 9-29-21
 BD

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	125	1710
REGISTERED CIVIL ENGINEER Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL STATE OF CALIFORNIA			9-29-21 DATE October 8, 2021 PLANS APPROVAL DATE		
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:
FOR ELECTRICAL SYSTEMS DETAILS, SEE ED-119.

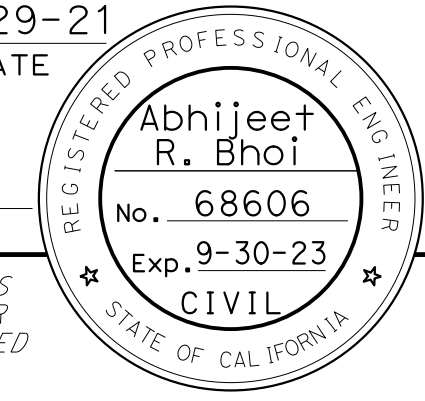


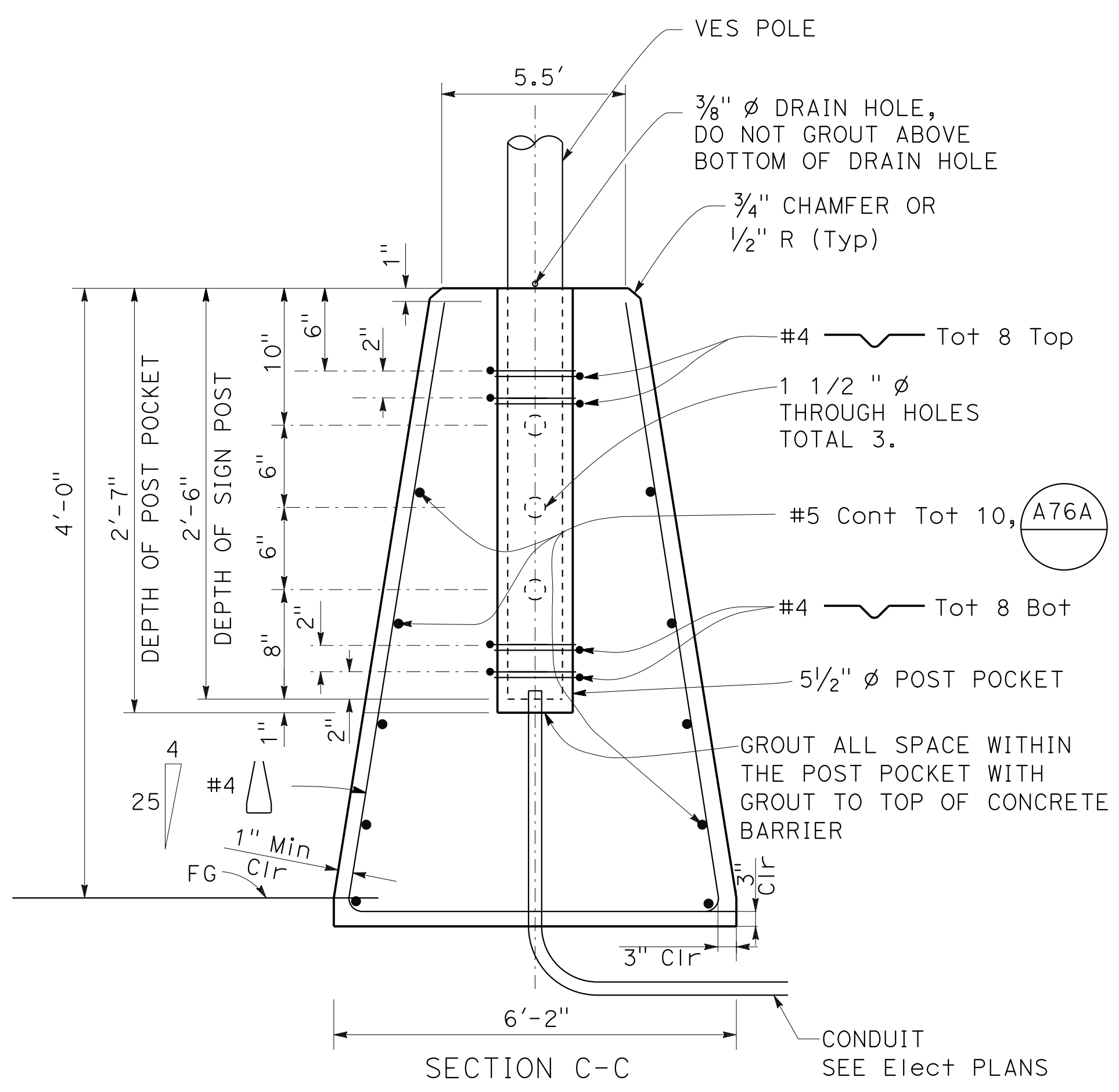
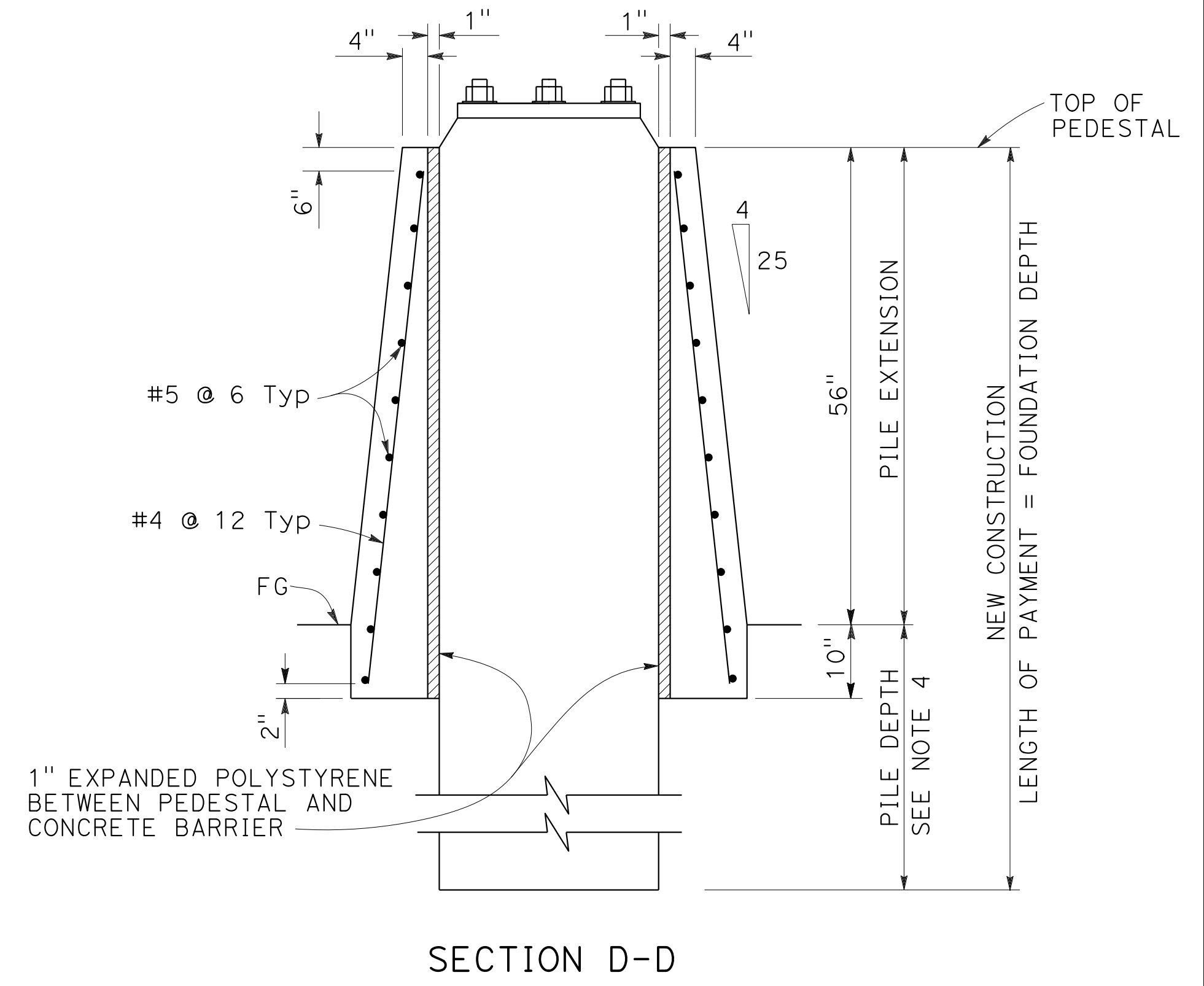
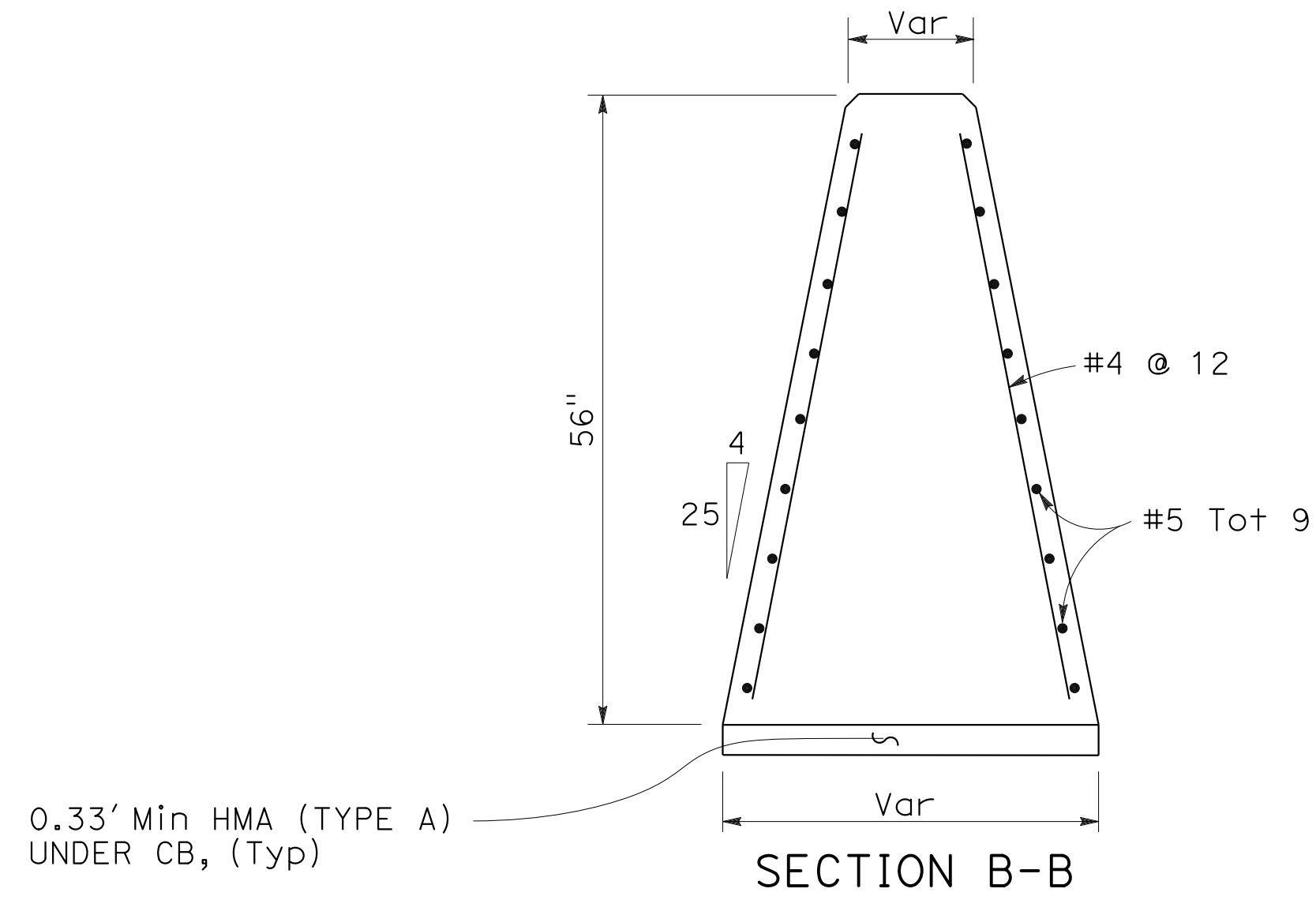
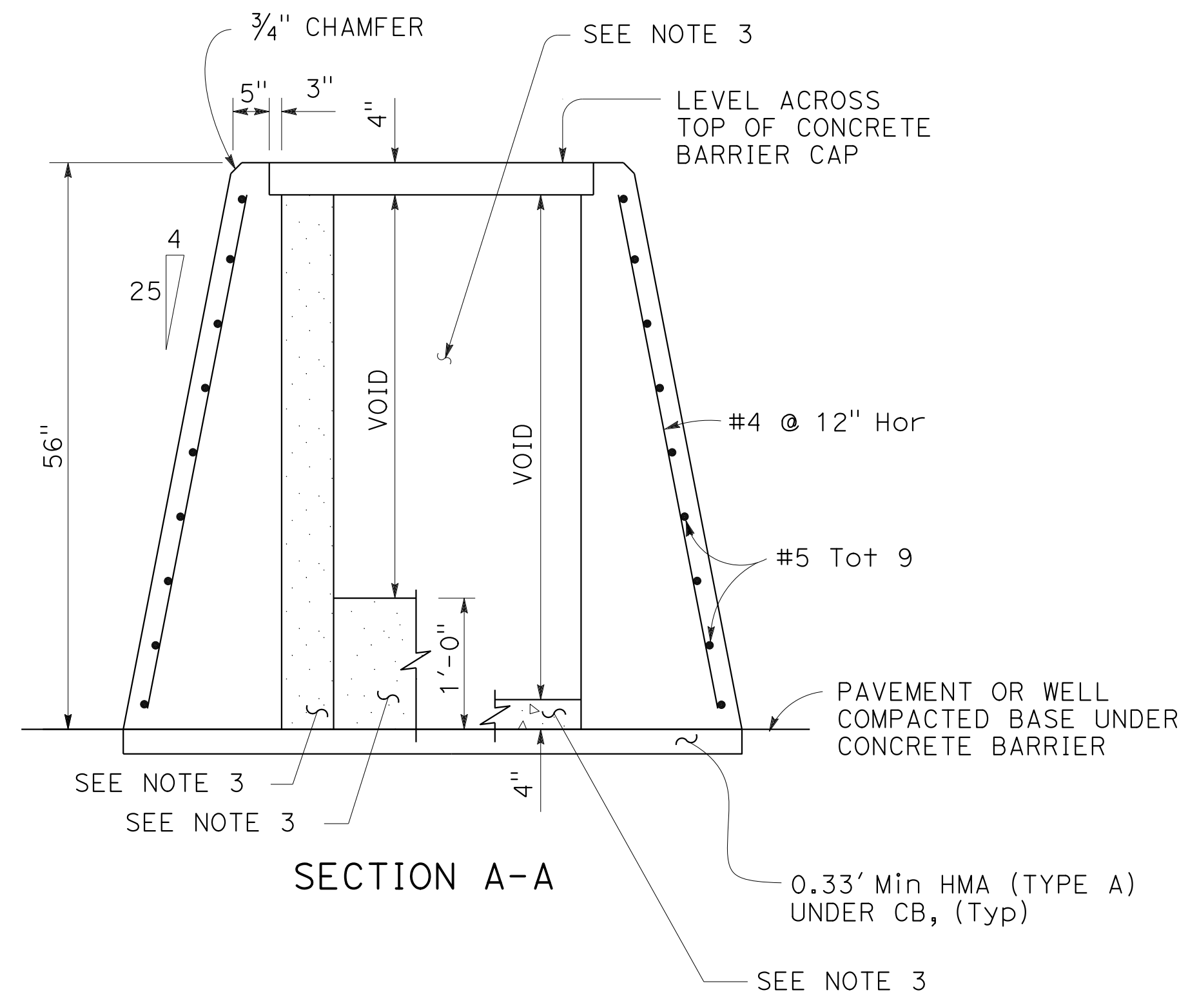
**CONCRETE BARRIER (TYPE 60MGF Mod C)
AT "I-680" 574+00.00 OH SIGN STRUCTURE**

CONSTRUCTION DETAILS
NO SCALE

C-52

MOHA MUDAQTO
 TIANHUA SUN
 ABHIJEET R. BHOI
 DEPARTMENT OF TRANSPORTATION
 STATE OF CALIFORNIA
 Caltrans

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	126	1710
<i>ARBhoi</i>			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



- NOTES:**
1. REINFORCING STIRRUP NOT REQUIRED FOR ROADBED OFFSETS LESS THAN 1'-0"
 2. FOR ROADBED SURFACES OFFSET GREATER THAN 1 1/2" & LESS THAN OR EQUAL TO 3" NO REINFORCEMENT REQUIRED. FOR ROADBED SURFACES OFFSET GREATER THAN 3" & LESS THAN OR EQUAL TO 8", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 8" & LESS THAN OR EQUAL TO 12", USE TWO #4 REINFORCEMENTS AT 3" ABOVE THE LOWER ROADBED SURFACE & TWO #4 REBARS AT 8" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 12" & LESS THAN OR EQUAL TO 36", USE TWO #4 REINFORCEMENTS AT 3" ABOVE THE LOWER ROADBED SURFACE & TWO #4 REBARS AT EVERY 8" INCREMENT VERTICAL SPACING ABOVE THE FIRST TWO #4 REINFORCEMENTS.
 3. FOR FILL MATERIAL BETWEEN CONCRETE BARRIER WALLS AND OTHER INFORMATION NOT SHOWN, SEE STANDARD PLAN A76F
 4. SEE SIGN PLANS AND SIGN QUANTITIES FOR OH SIGN PEDESTAL AND FOUNDATION INFORMATION.

**CONCRETE BARRIER (TYPE 60MGF Mod C)
AT "I-680" 574+00.00 OH SIGN STRUCTURE**

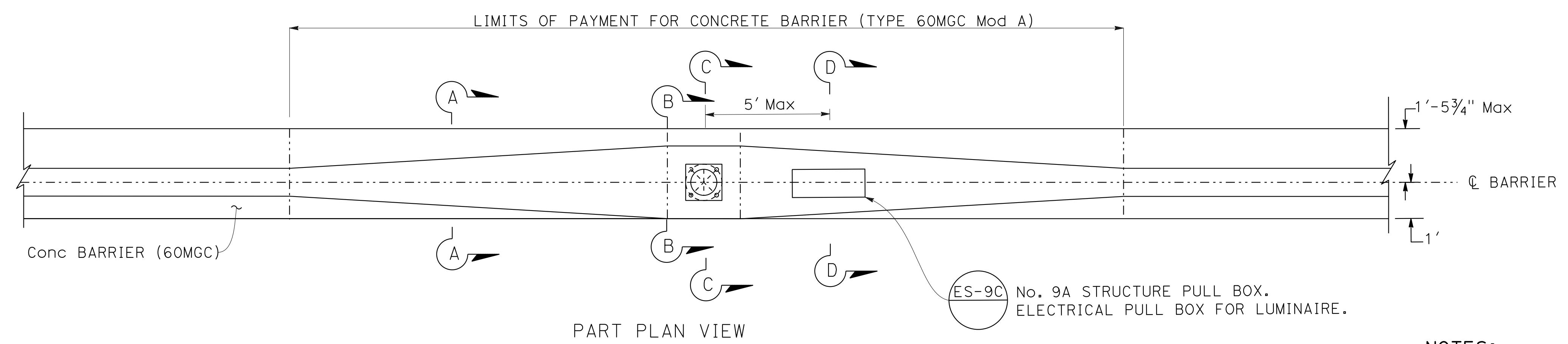
CONSTRUCTION DETAILS
NO SCALE

C-53

O:\0030\UDRAFT\ING\FINAL_P58E\0420000235g0053.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY: MOHA MUDAQTO
 CHECKED BY: TIANHUA SUN
 REVISIONS: 9-29-21
 BO: 9-29-21
 USERNAME => p302438
 DGN FILE => 0420000235g0053.dgn

LAST REVISION: 09-29-21
 DATE PLOTTED => 7-MAR-2022
 TIME PLOTTED => 12:39

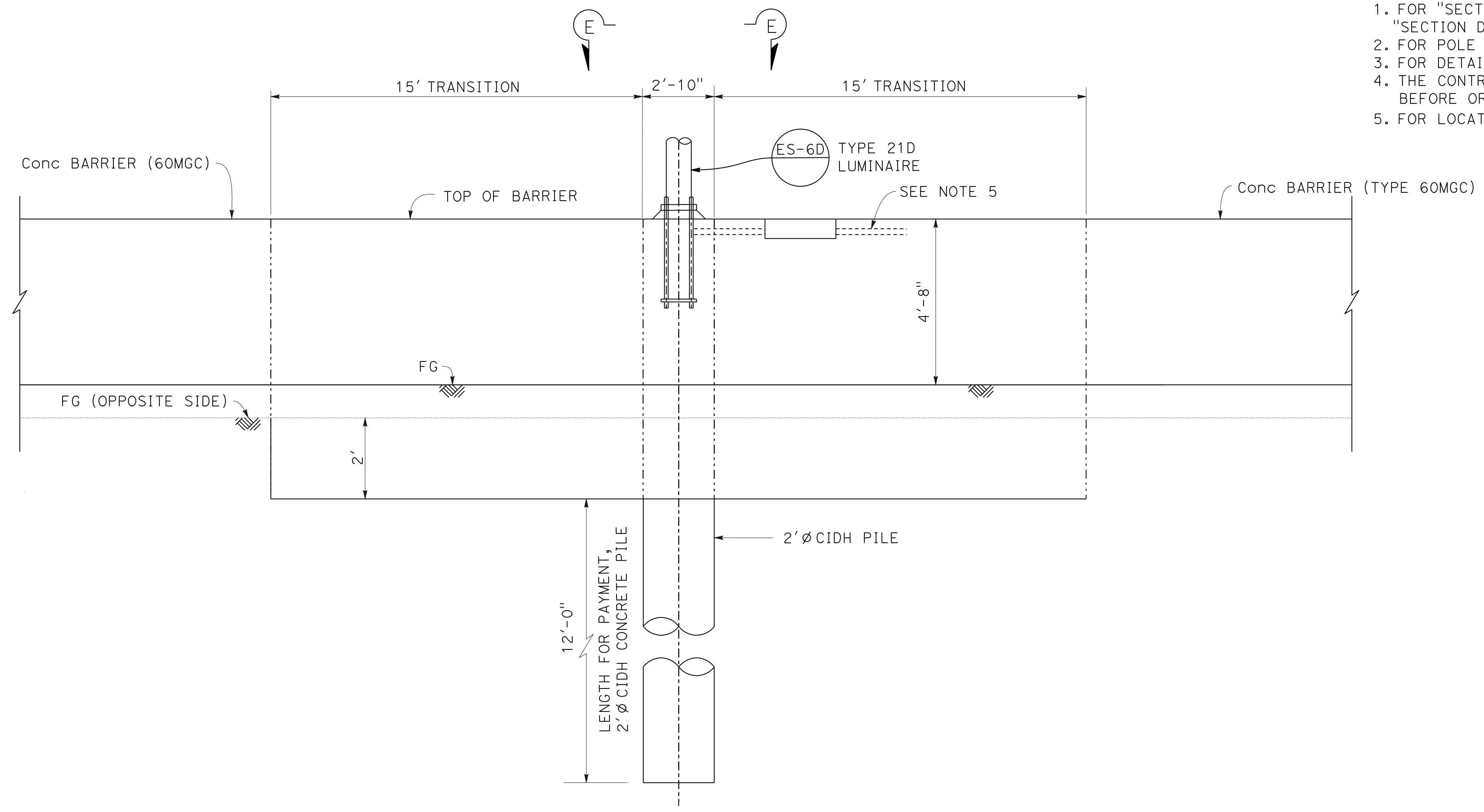
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	127	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



PART PLAN VIEW

NOTES:

1. FOR "SECTION A-A", "SECTION B-B", "SECTION C-C", "SECTION D-D" AND "SECTION E-E", SEE SHEET C-55.
2. FOR POLE LOCATION, SEE "ROADWAY PLANS".
3. FOR DETAILS NOT SHOWN, SEE "STANDARD PLANS".
4. THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
5. FOR LOCATION OF CONDUIT IN CONCRETE BARRIER, SEE ELECTRICAL PLANS.



PART ELEVATION

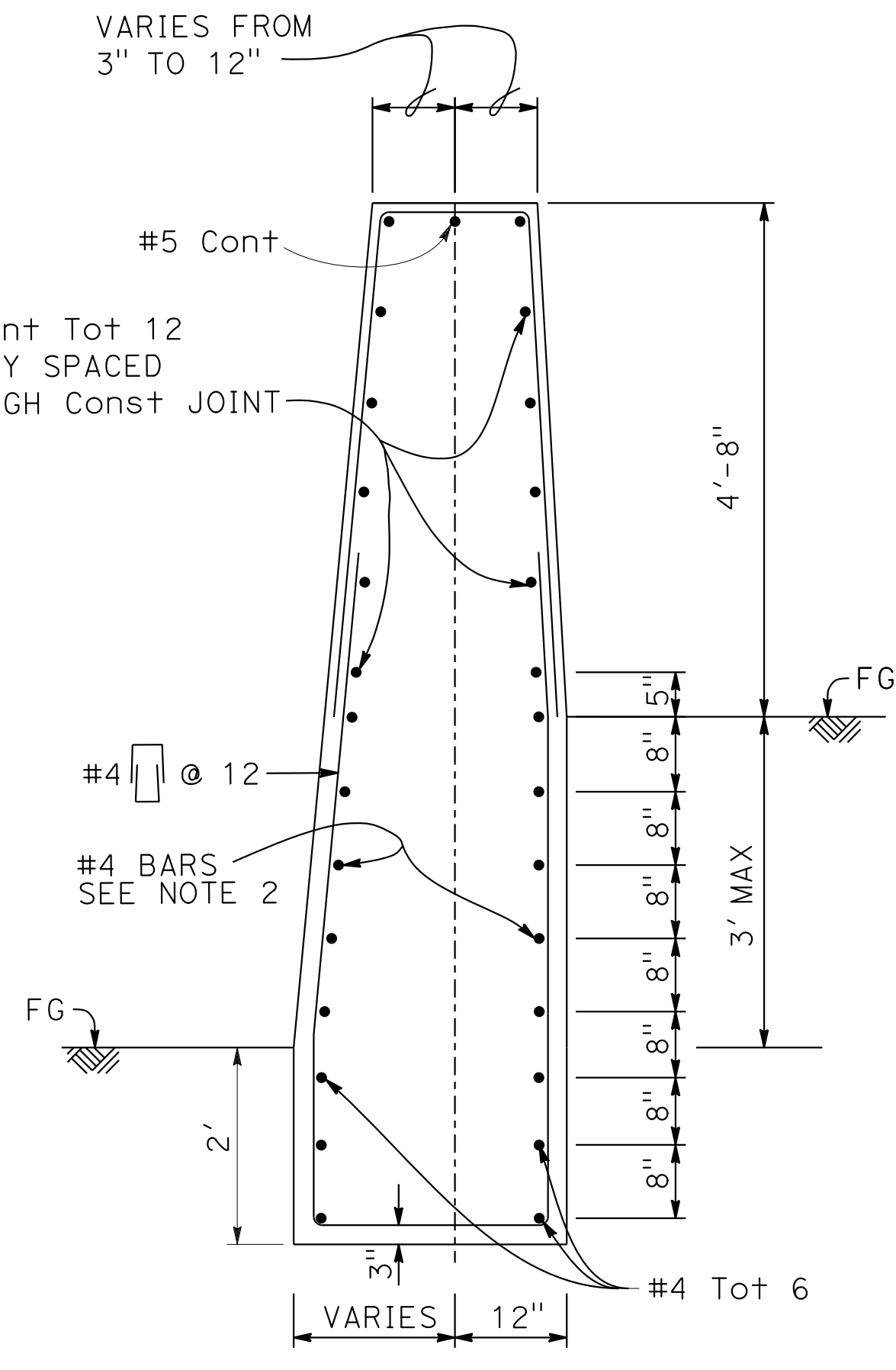
CONCRETE BARRIER (TYPE 60MGC Mod A)

CONSTRUCTION DETAILS
NO SCALE

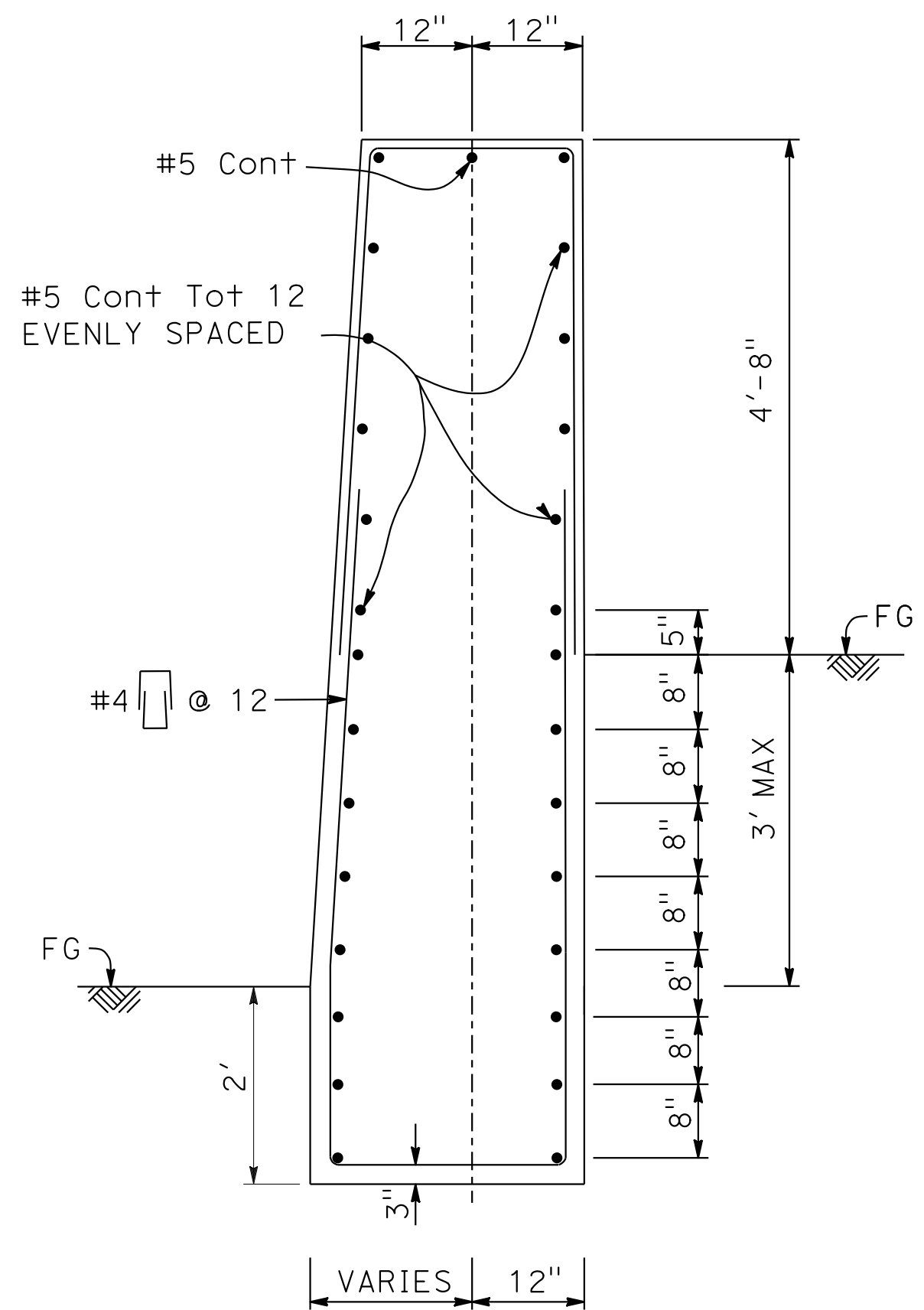
C-54

REVISOR	DATE	REVISION
CC	9-29-21	
REVISOR	DATE	REVISION
CHARLIE CHRES	JOHN NGUYEN	
CALCULATED/DESIGNED BY	CHECKED BY	
TIMOTHY J. LEE		
CONSULTANT	FUNCTIONAL SUPERVISOR	
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		

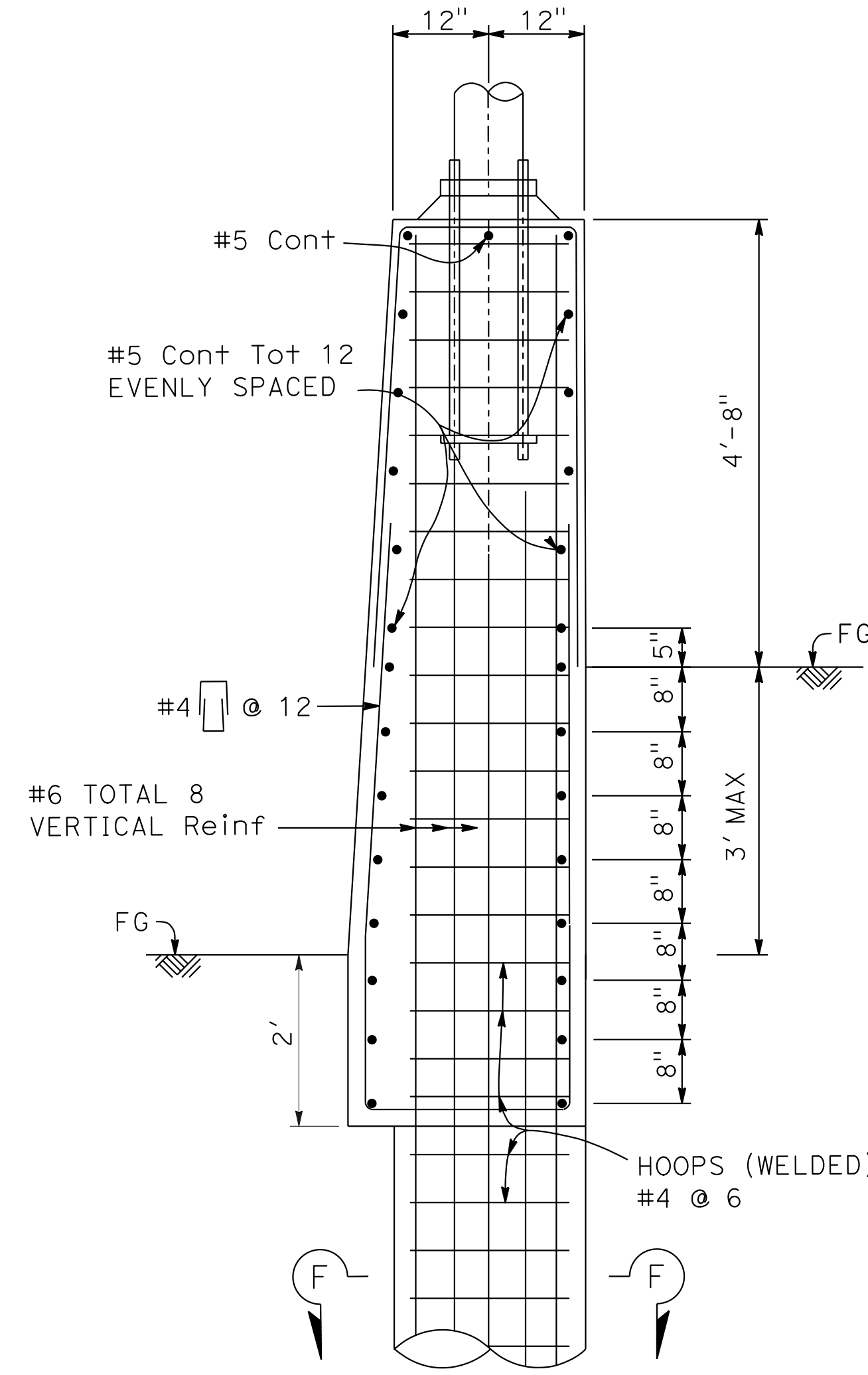
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	128	1710
REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



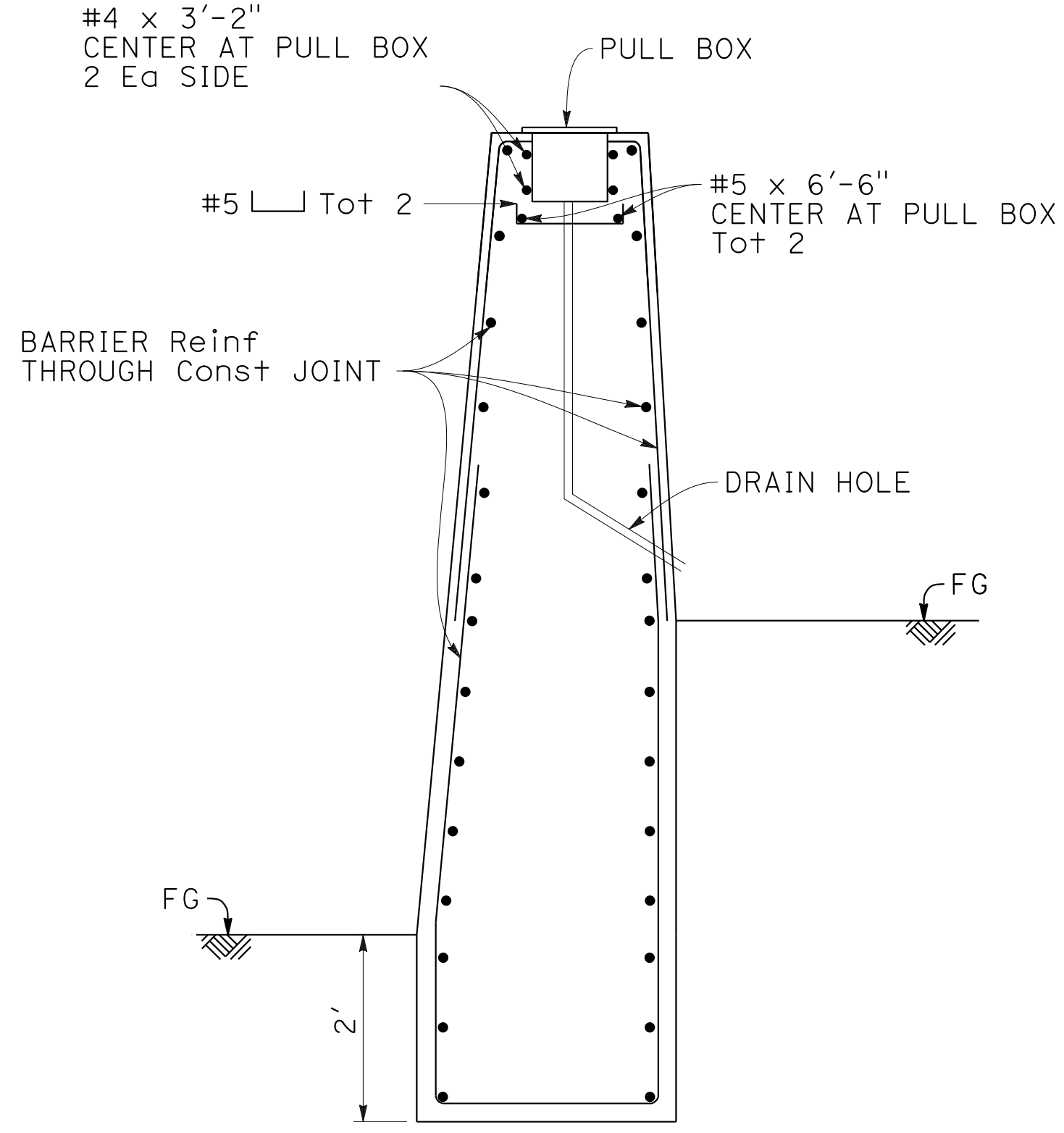
SECTION A-A



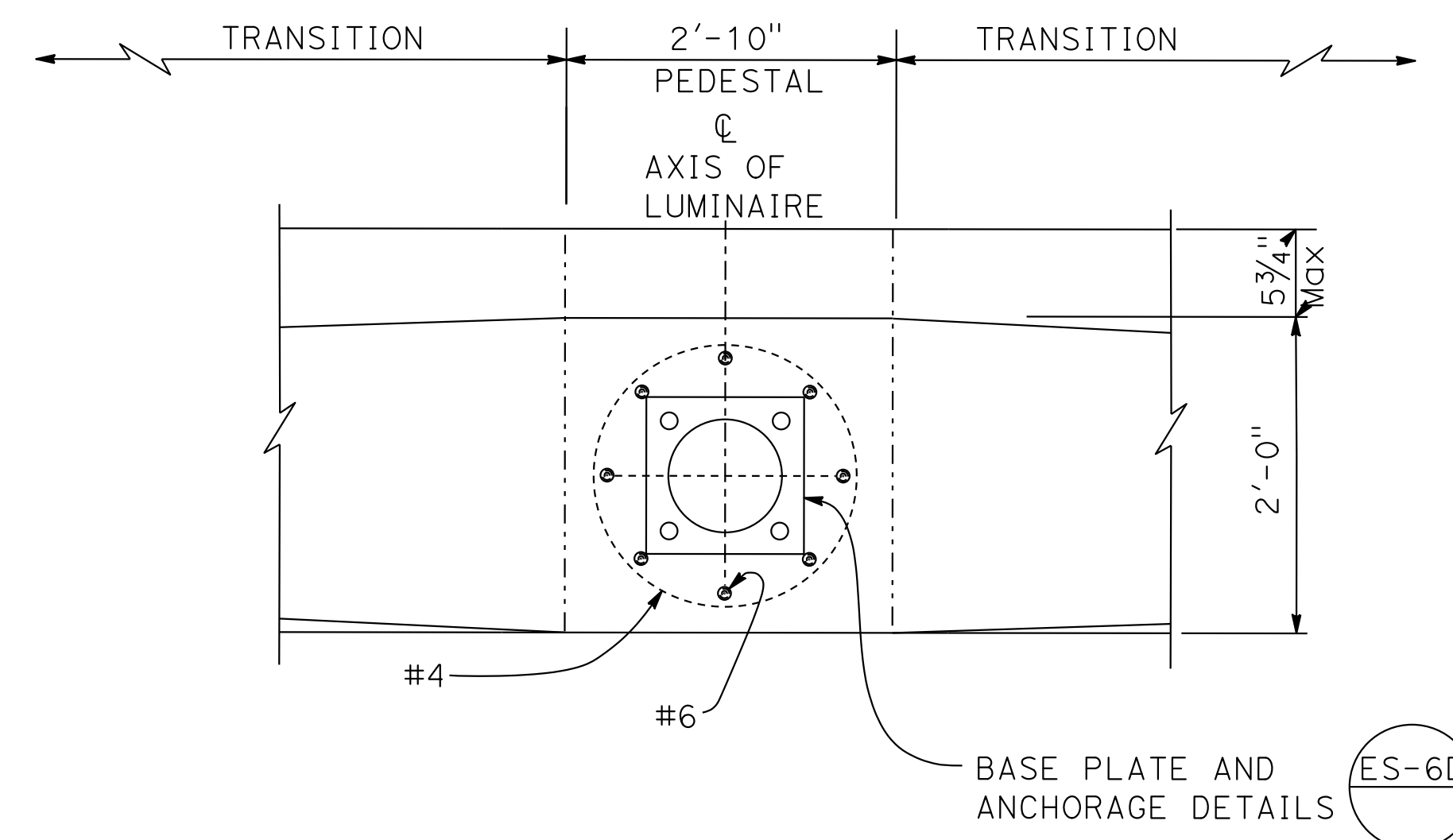
SECTION B-B



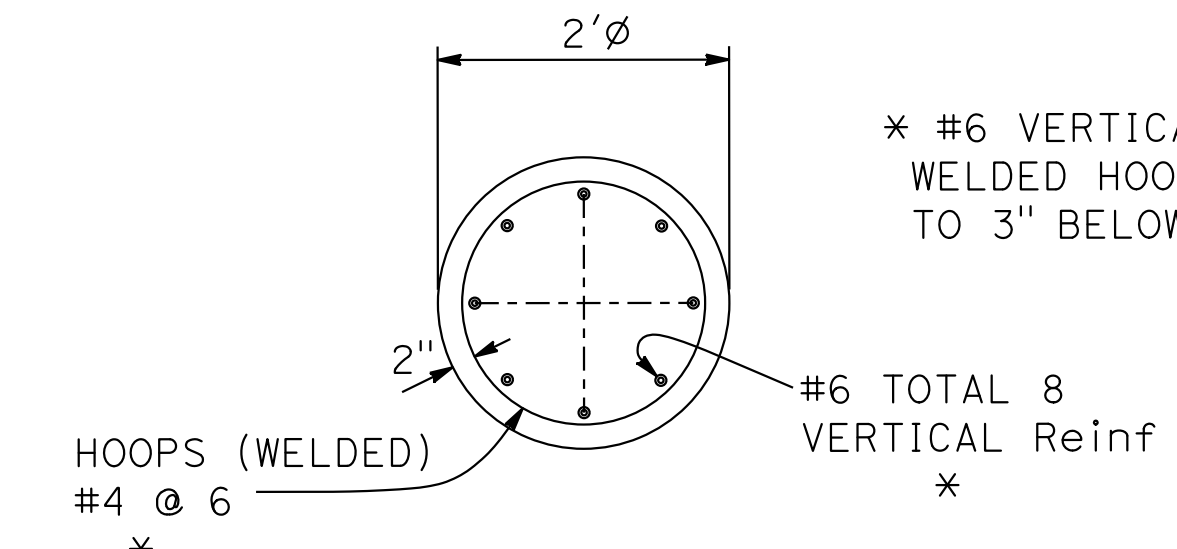
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F

NOTES:

1. VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
2. FOR ROADBED SURFACES OFFSET GREATER THAN 1 1/2" AND LESS THAN OR EQUAL TO 3", NO REBARS REQUIRED. FOR ROADBED SURFACES OFFSET GREATER THAN 3" AND LESS THAN OR EQUAL TO 8", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 8" AND LESS THAN OR EQUAL TO 12", USE TWO #4 REBARS AT 3' ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT 8" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 12" AND LESS THAN OR EQUAL TO 36", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT EVERY 8" INCREMENT VERTICAL SPACING ABOVE THE FIRST TWO #4 REBARS.

* #6 VERTICAL Reinf AND #4 WELDED HOOPS MUST BE PLACED TO 3" BELOW TOP OF BARRIER

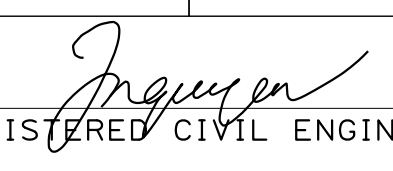
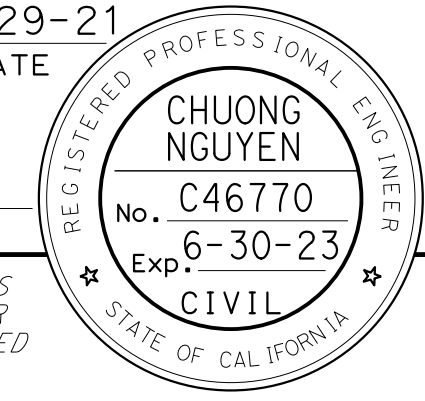
CONCRETE BARRIER (TYPE 60MGC Mod A)

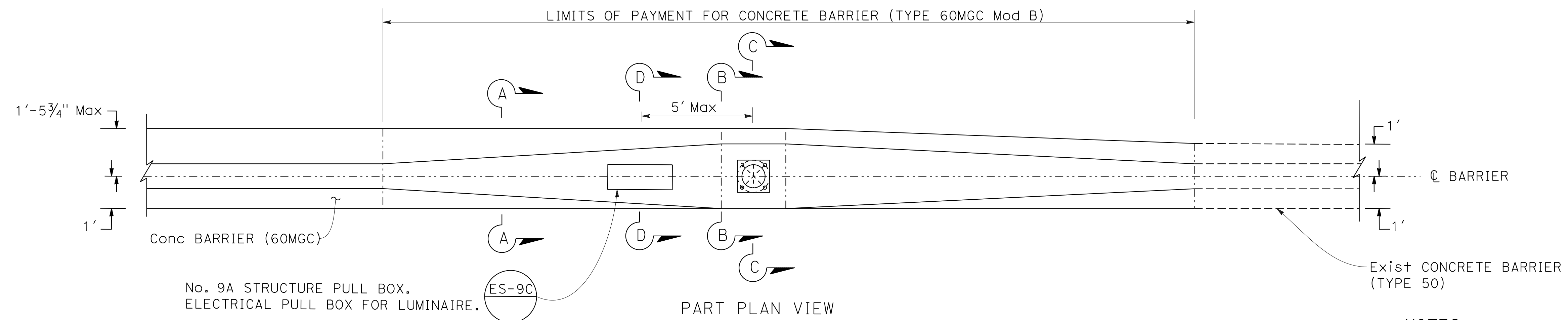
CONSTRUCTION DETAILS

NO SCALE

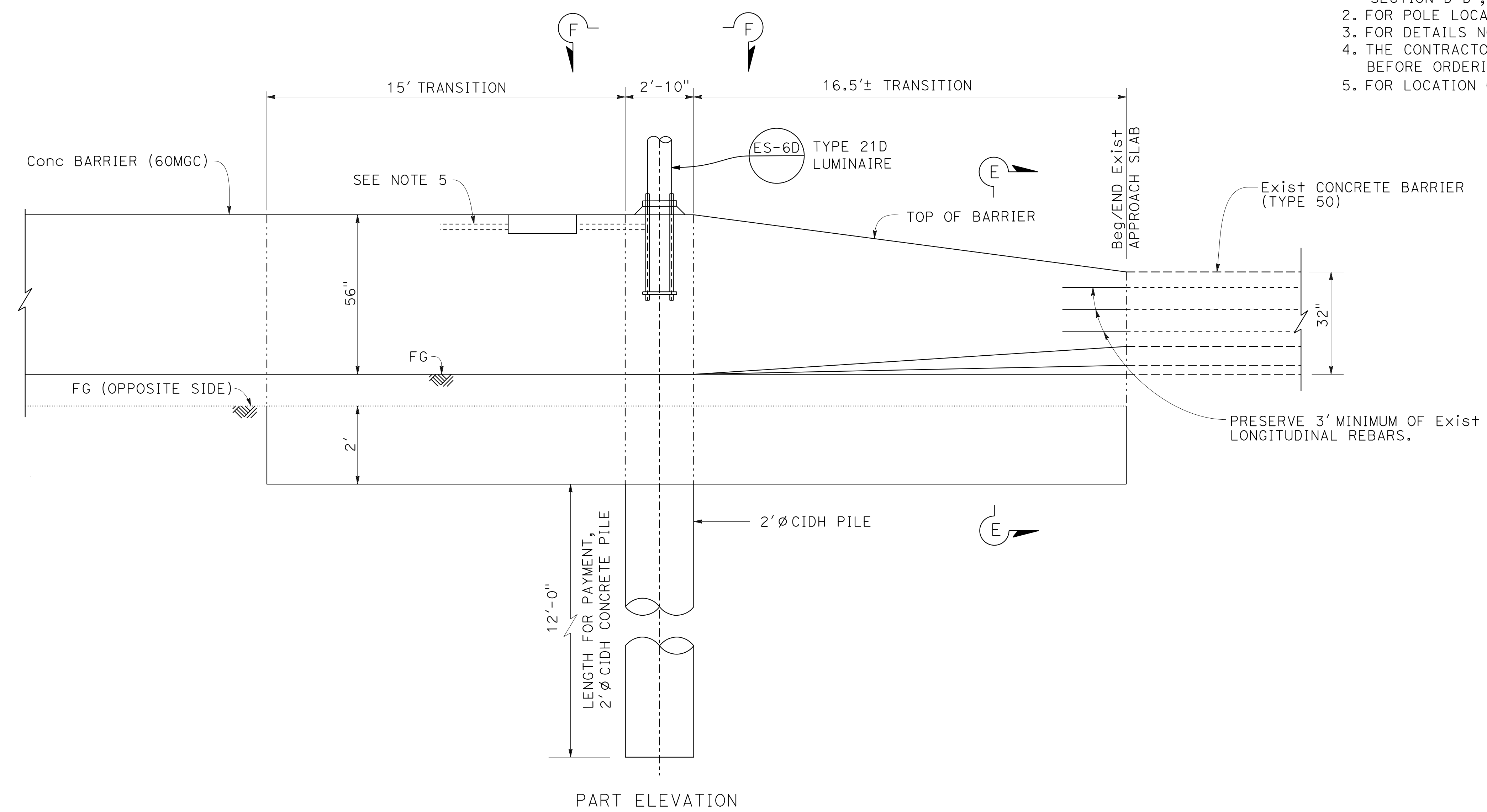
C-55

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHECKED BY:
 CHARLIE CHRES JOHN NGUYEN
 REVISED BY: C. COPRES 9-29-21
 DATE REVISED: 9-29-21
 USERNAME => p302438
 DGN FILE => 0420000235gao055.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	129	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



- NOTES:**
1. FOR "SECTION A-A", "SECTION B-B", "SECTION C-C", "SECTION D-D", "SECTION E-E", AND "SECTION F-F", SEE SHEET C-57.
 2. FOR POLE LOCATION, SEE "ROADWAY PLANS".
 3. FOR DETAILS NOT SHOWN, SEE "STANDARD PLANS".
 4. THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
 5. FOR LOCATION OF CONDUIT IN CONCRETE BARRIER, SEE ELECTRICAL PLANS.



CONCRETE BARRIER (TYPE 60MGC Mod B)

CONSTRUCTION DETAILS
NO SCALE

C-56

O:\0030\UDRAFTING\FINAL_P58E\0420000235ga056.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT SUPERVISOR: TIMOTHY J. LEE
 CHECKED BY: JOHN NGUYEN
 DESIGNED BY: CHARLIE CHRES
 REVISIONS: CC 9-29-21
 USERNAME => p302438
 DGN FILE => 0420000235ga056.dgn

LAST REVISION: 09-29-21 DATE PLOTTED => 7-MAR-2022 TIME PLOTTED => 12:39

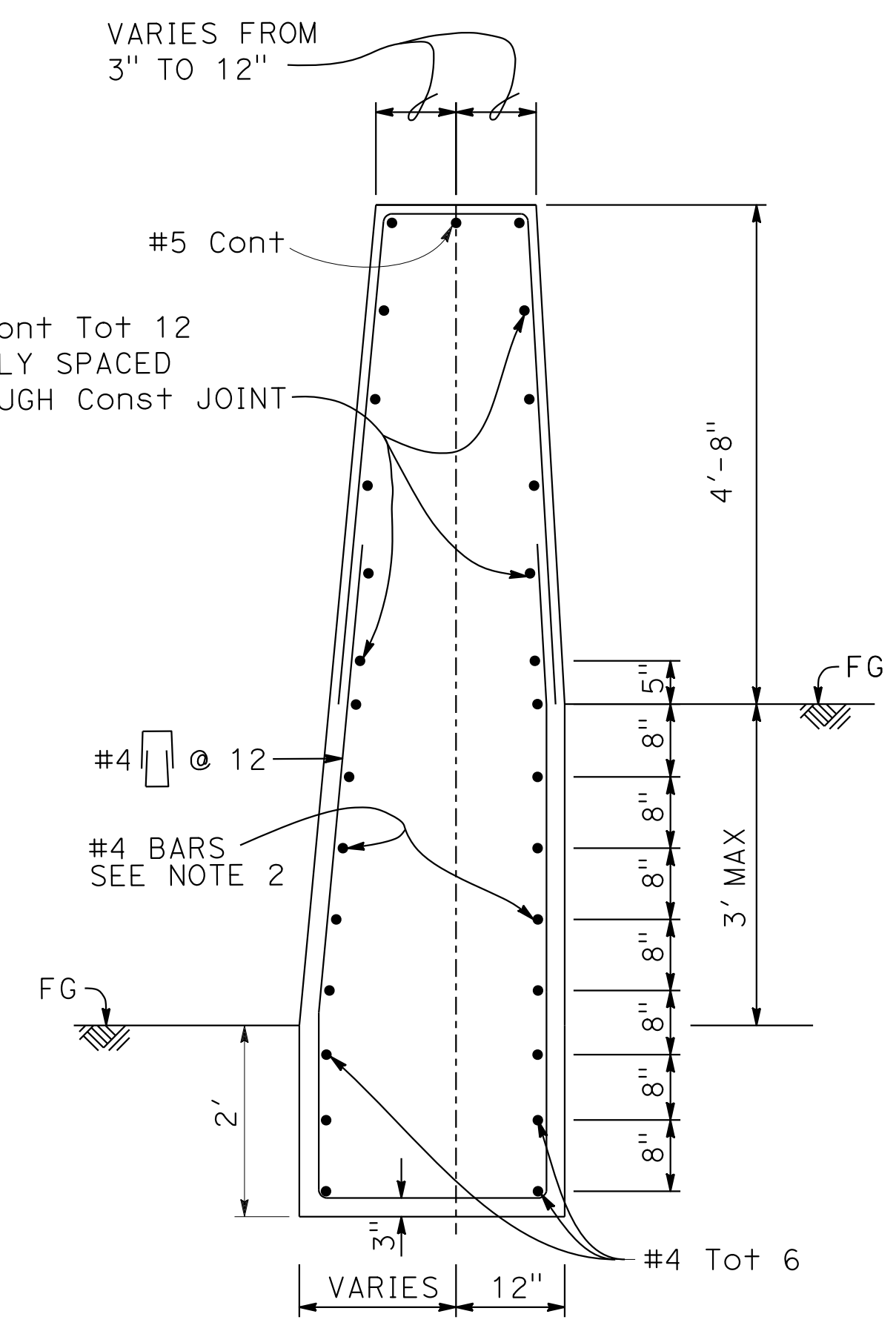
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	130	1710
			REGISTERED CIVIL ENGINEER	DATE	
			CHUONG NGUYEN	9-29-21	
			No. C46770		
			Exp. 6-30-23		
			CIVIL		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
WMH CORPORATION			ALAMEDA CTC		
55 South Market St			1111 Broadway		
Suite 1200			Suite 800		
San Jose, CA 95113			Oakland, CA 94607		



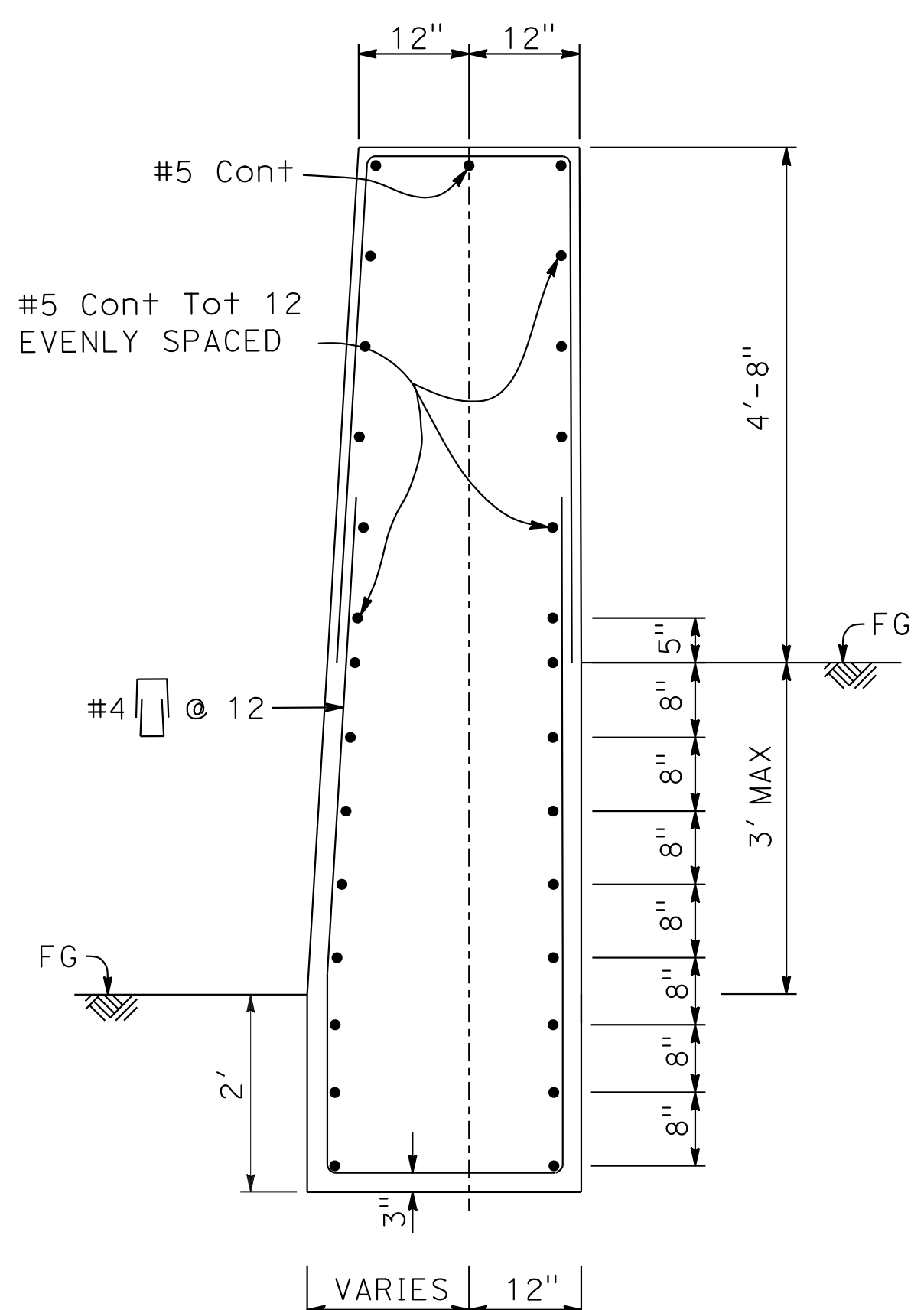
October 8, 2021
PLANS APPROVAL DATE

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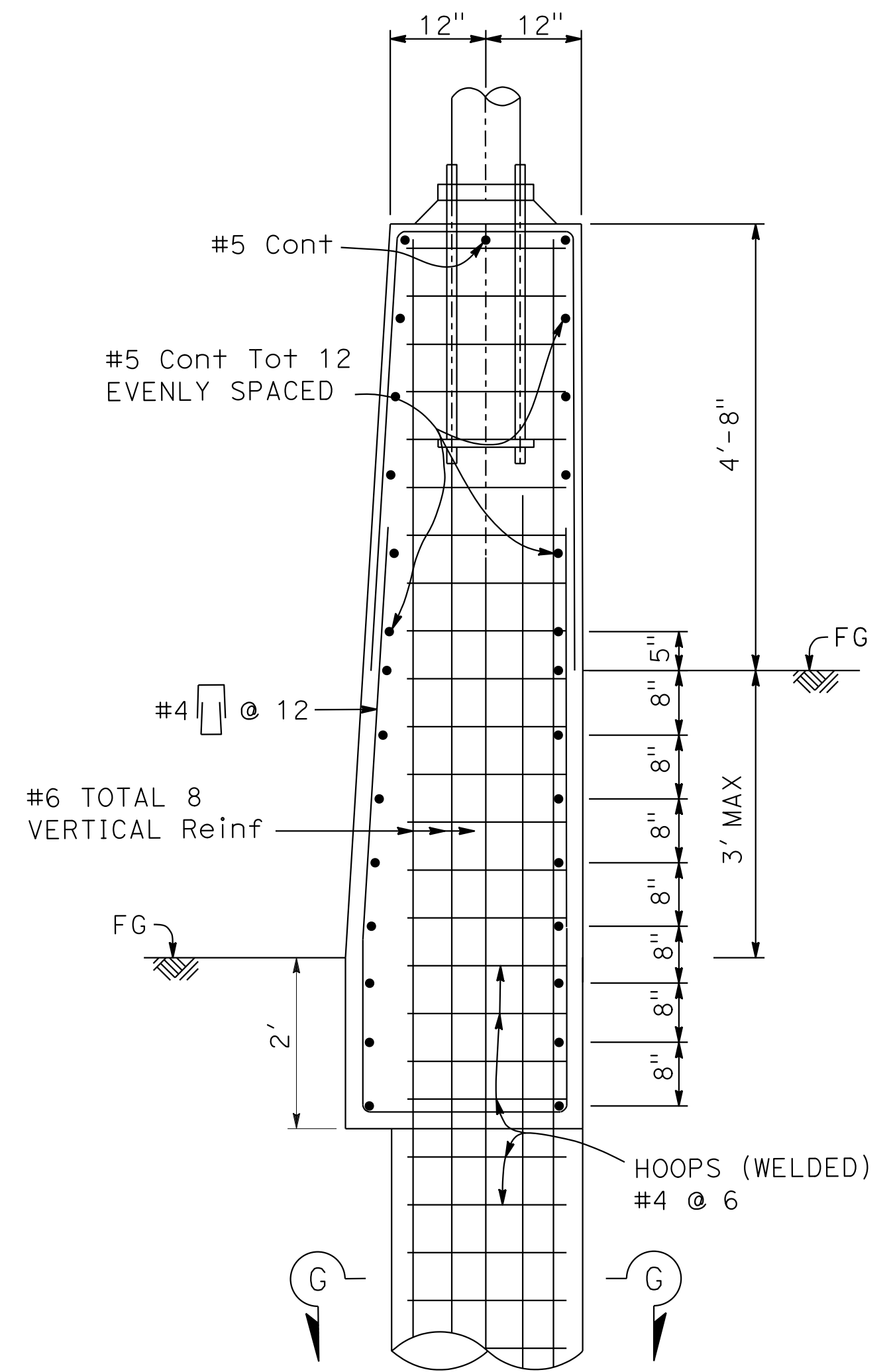
1. VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
2. FOR ROADBED SURFACES OFFSET GREATER THAN 1 1/2" AND LESS THAN OR EQUAL TO 3", NO REBARS REQUIRED. FOR ROADBED SURFACES OFFSET GREATER THAN 3" AND LESS THAN OR EQUAL TO 8", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 8" AND LESS THAN OR EQUAL TO 12", USE TWO #4 REBARS AT 3' ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT 8" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 12" AND LESS THAN OR EQUAL TO 36", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT EVERY 8" INCREMENT VERTICAL SPACING ABOVE THE FIRST TWO #4 REBARS.



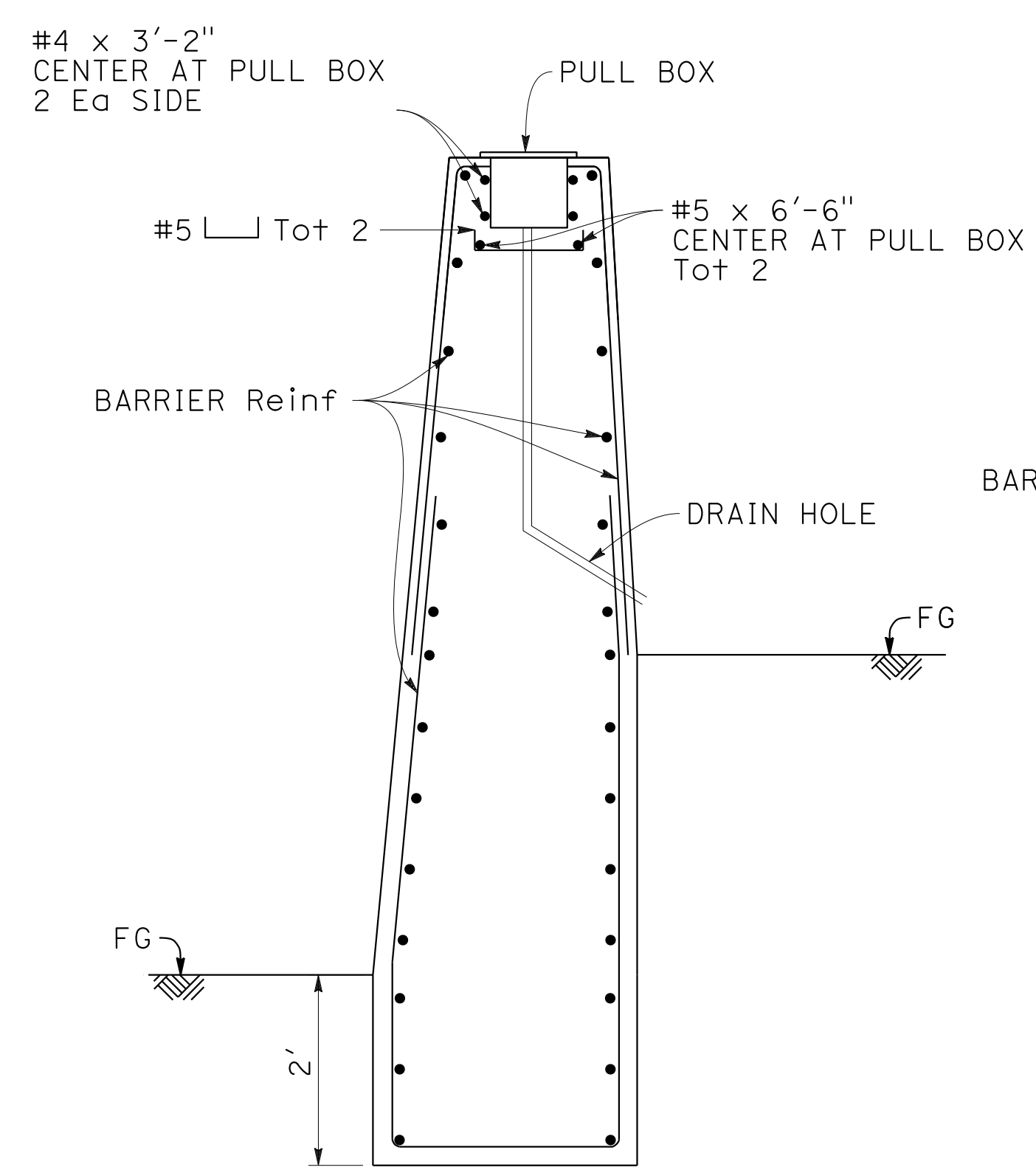
SECTION A-A



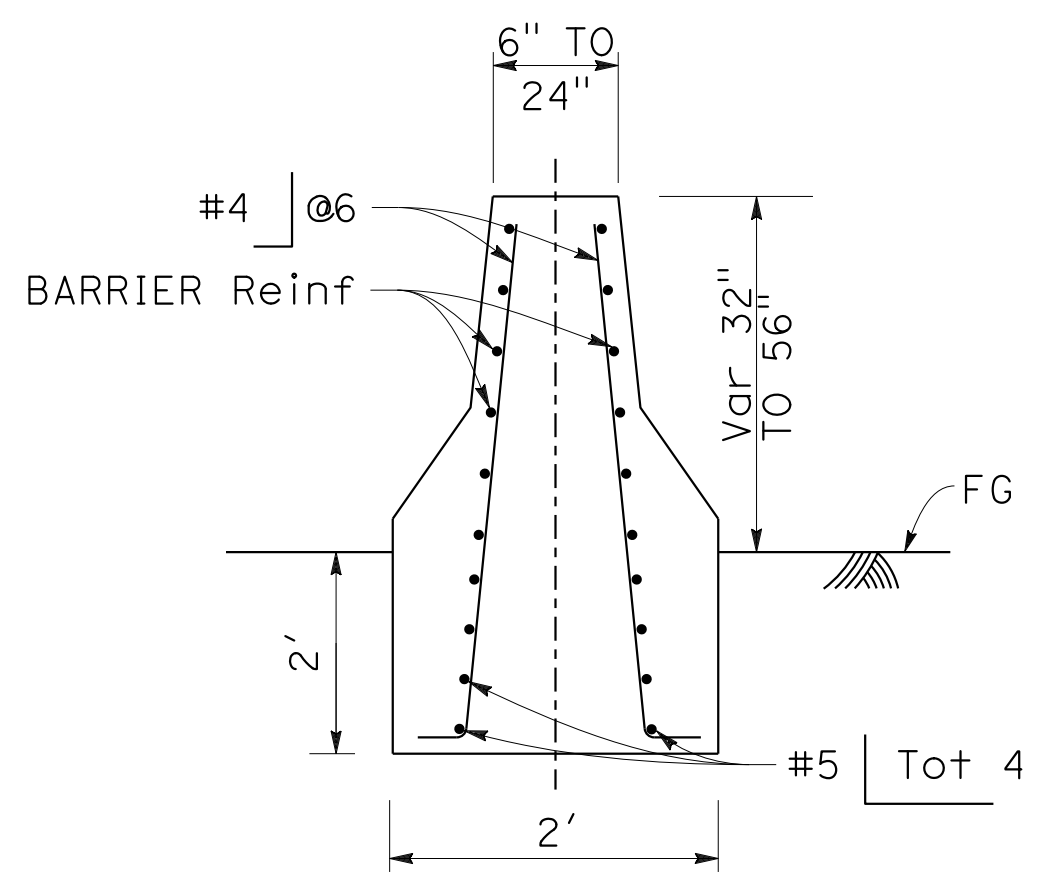
SECTION B-B



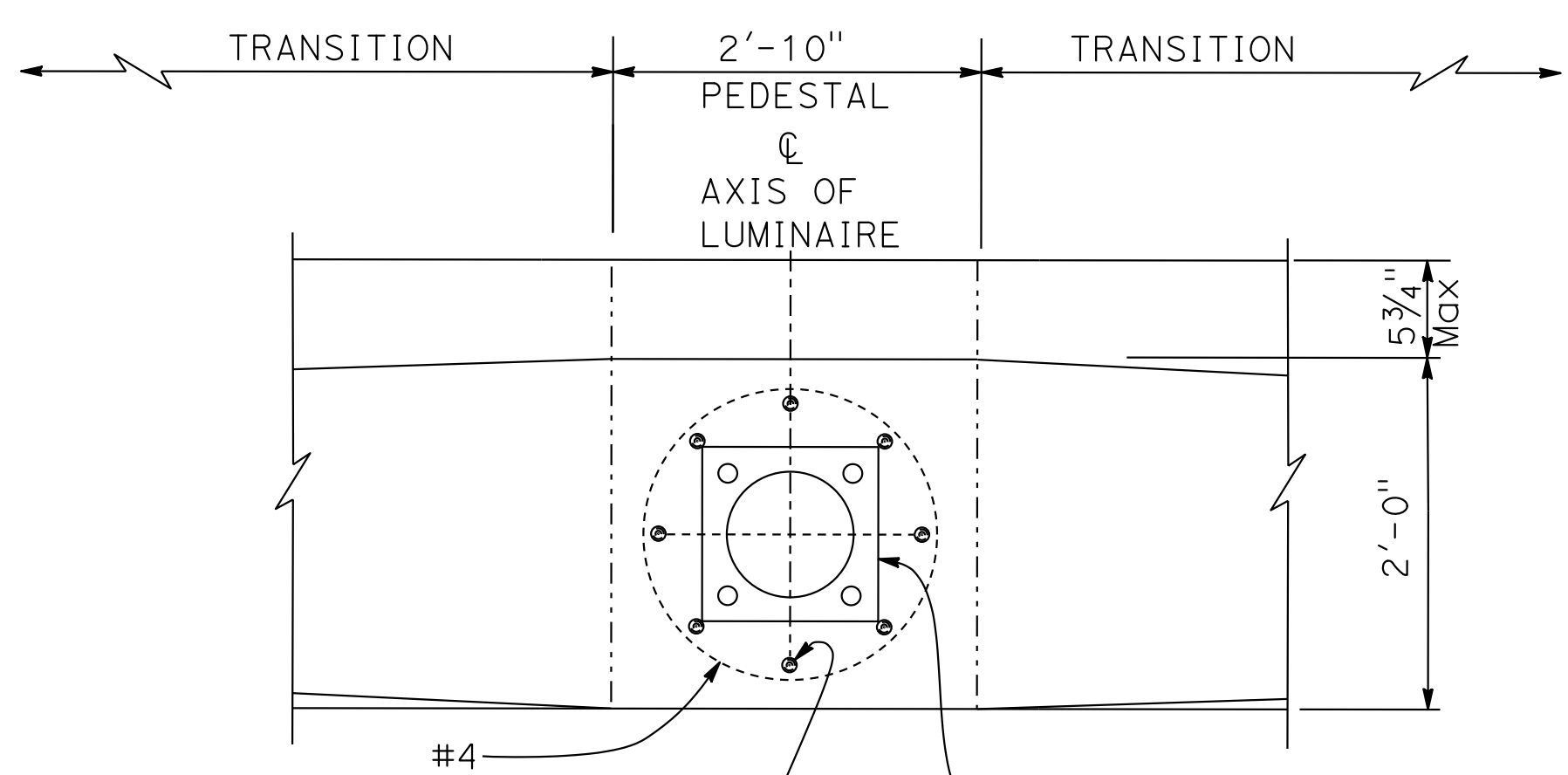
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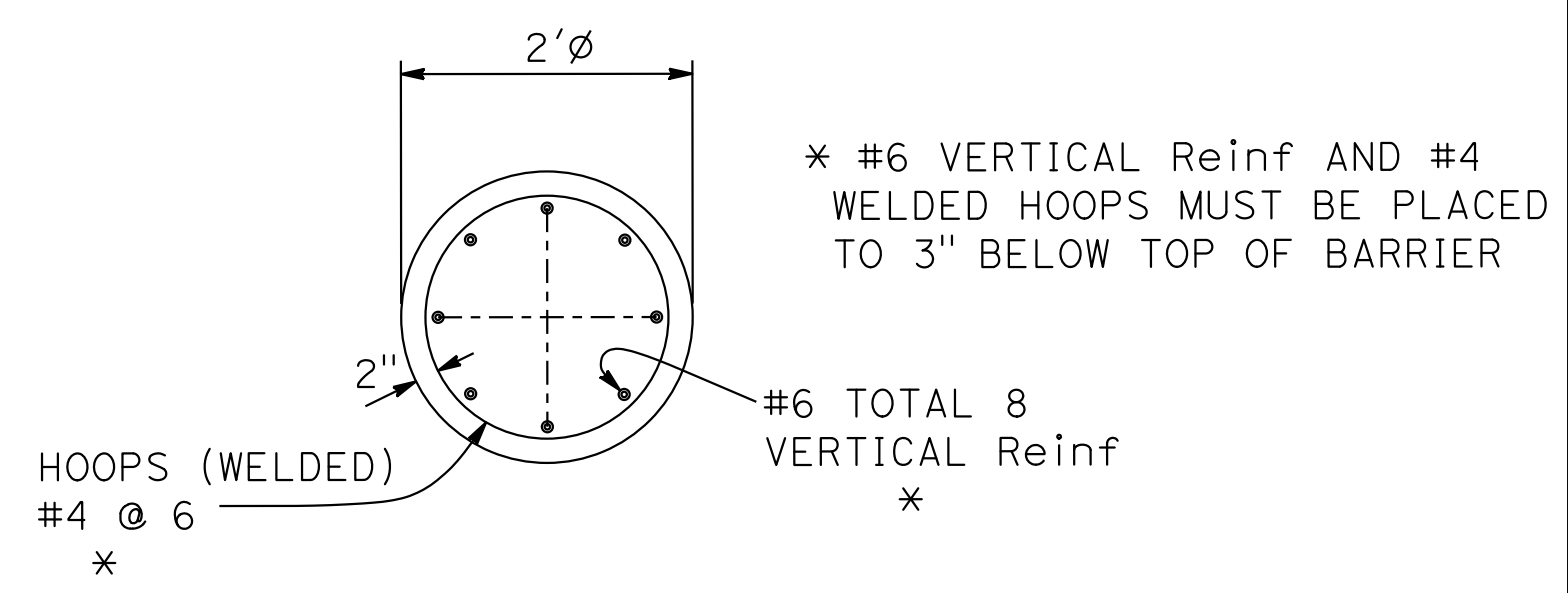
SECTION D-D



SECTION E-E



SECTION F-F



SECTION G-G



SECTION F-F

BASE PLATE AND ANCHORAGE DETAILS (ES-6D)

CONCRETE BARRIER (TYPE 60MGC Mod B)

CONSTRUCTION DETAILS
NO SCALE

C-57

DESIGNED BY	CHARLIE CHRES
CHECKED BY	JOHN NGUYEN
CALCULATED/DESIGNED BY	TIMOTHY J. LEE
REVISIONS	
REVISOR	CC
DATE	9-29-21

O:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga058.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21
 COUNTY: CC
 PROJECT: 9-29-21

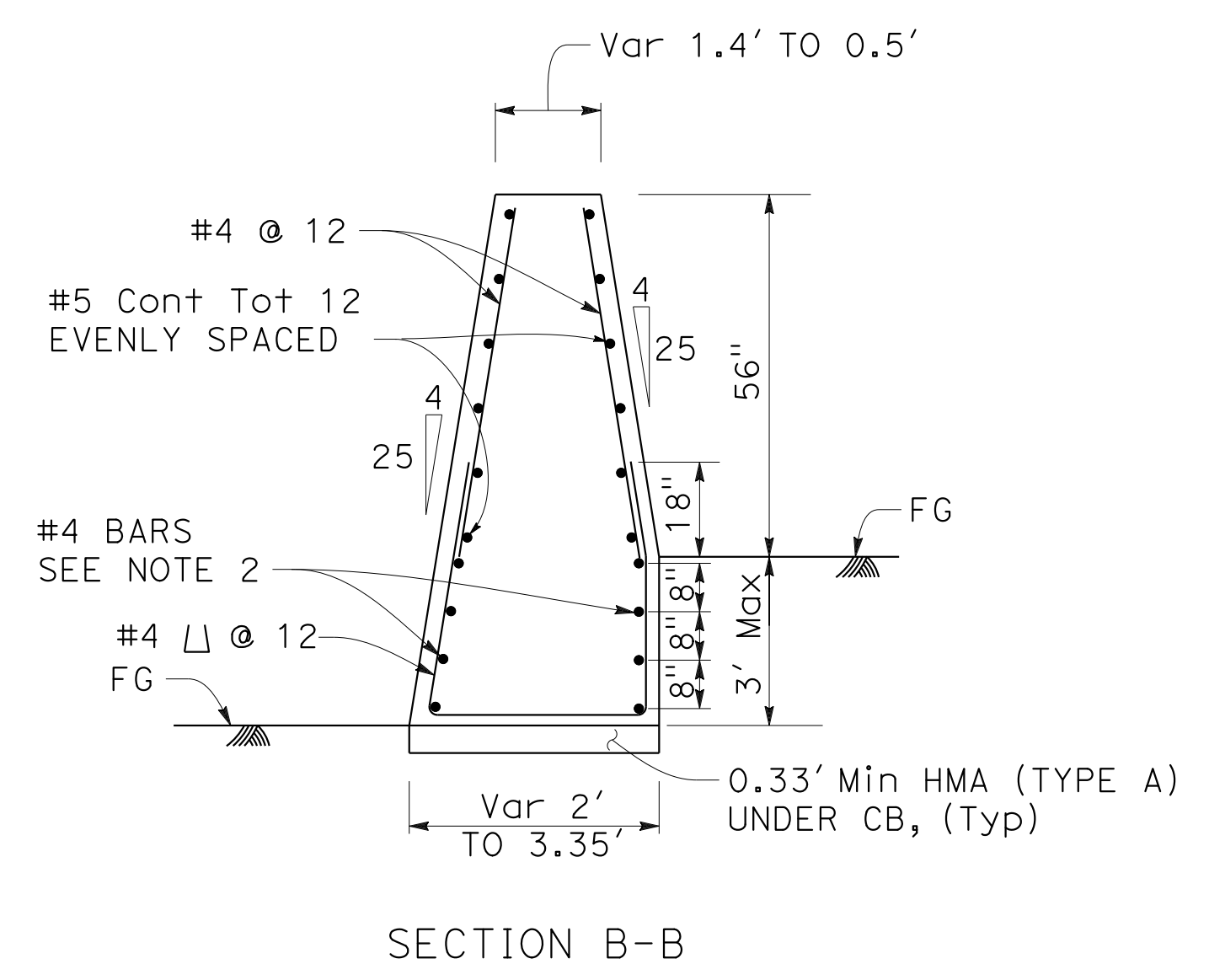
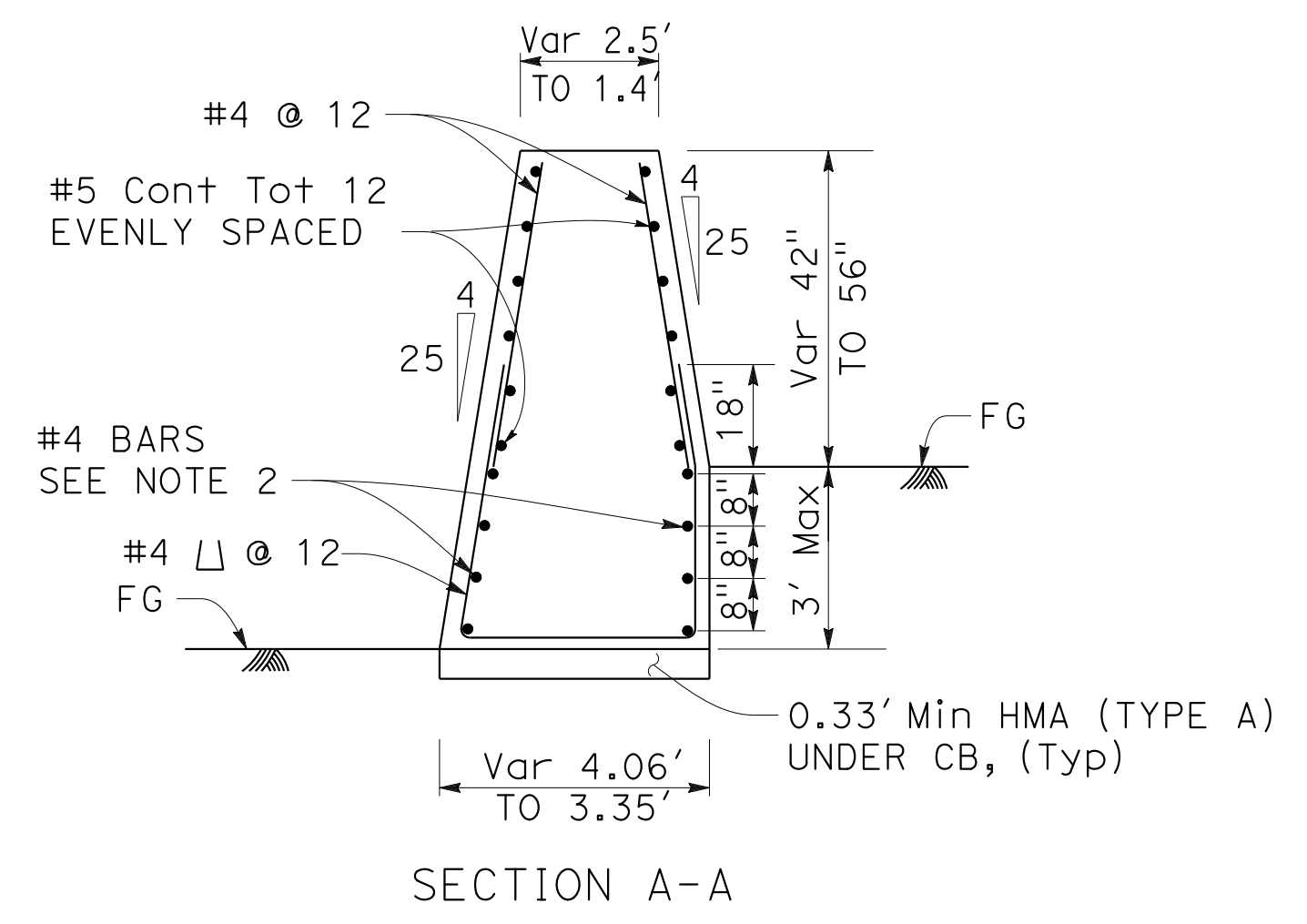
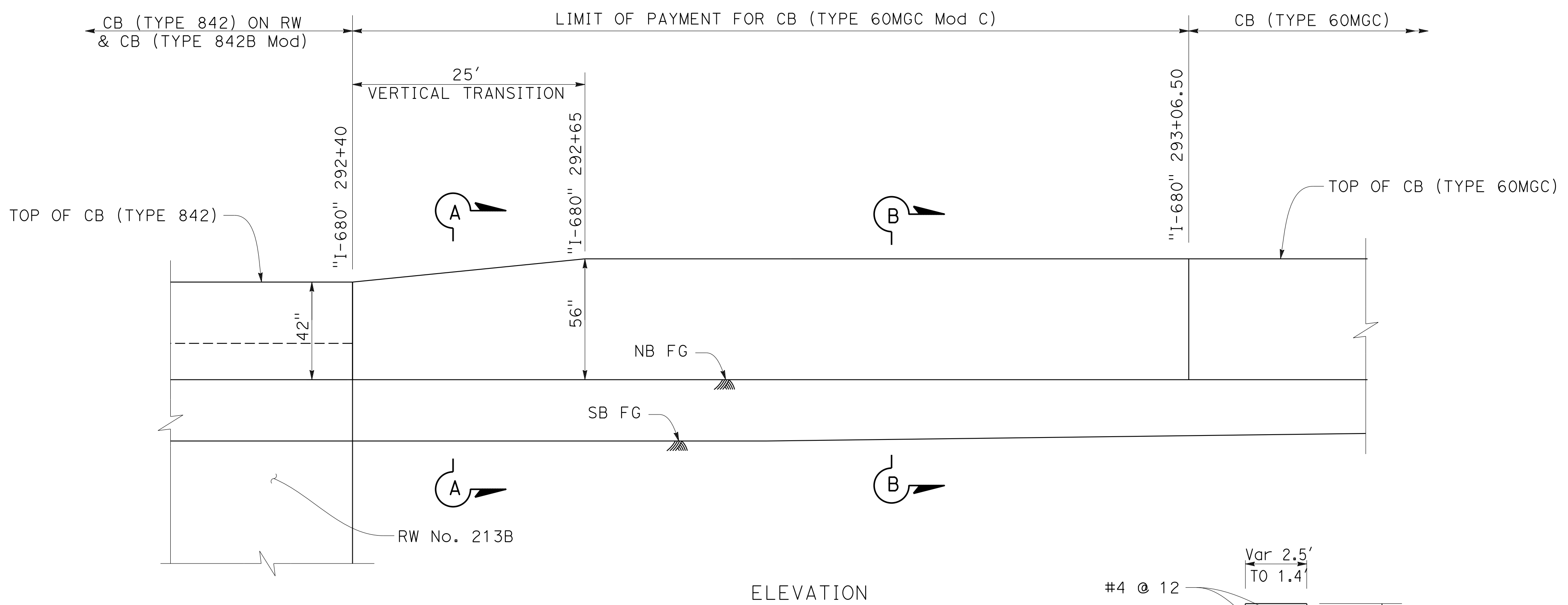
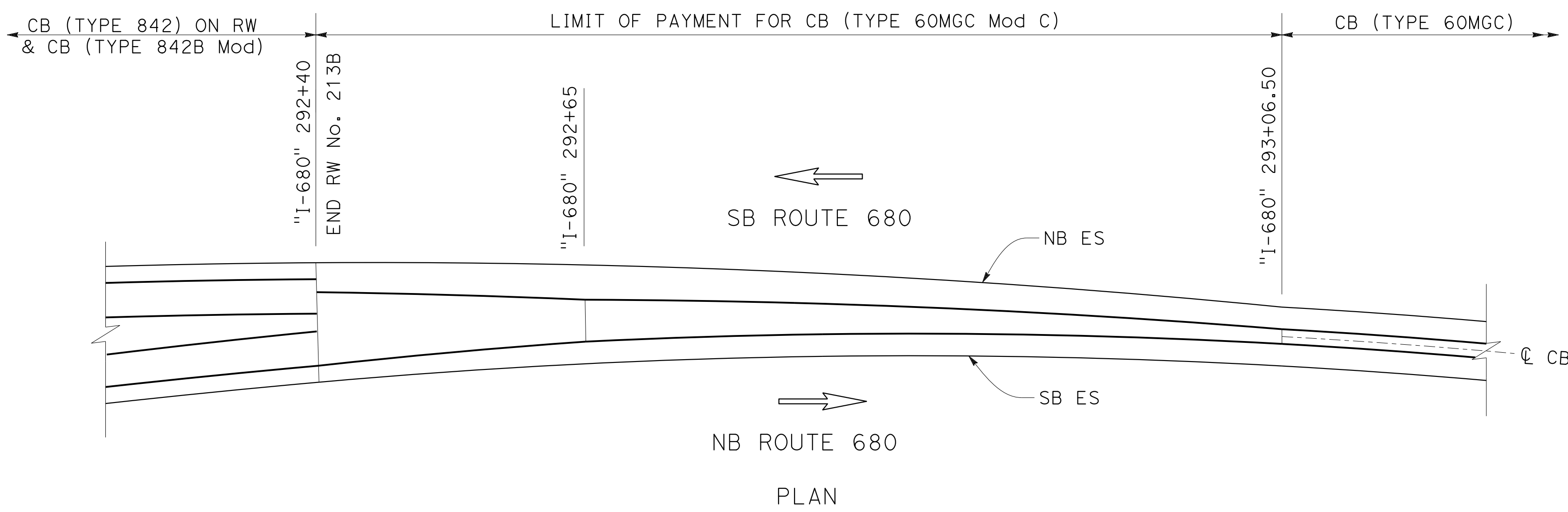
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	131	1710

REGISTERED CIVIL ENGINEER: *Nguyen*
 DATE: 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 CHUONG NGUYEN
 No. C46770
 Exp. 6-30-23
 CIVIL
 STATE OF CALIFORNIA

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.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
---	--



NOTES:

1. VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
2. FOR ROADBED SURFACES OFFSET GREATER THAN 1 1/2" AND LESS THAN OR EQUAL TO 3", NO REBARS REQUIRED. FOR ROADBED SURFACES OFFSET GREATER THAN 3" AND LESS THAN OR EQUAL TO 8", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 8" AND LESS THAN OR EQUAL TO 12", USE TWO #4 REBARS AT 3' ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT 8" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 12" AND LESS THAN OR EQUAL TO 36", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT EVERY 8" INCREMENT VERTICAL SPACING ABOVE THE FIRST TWO #4 REBARS.

CONCRETE BARRIER (TYPE 60MGC Mod C)

CONSTRUCTION DETAILS
NO SCALE

C-58

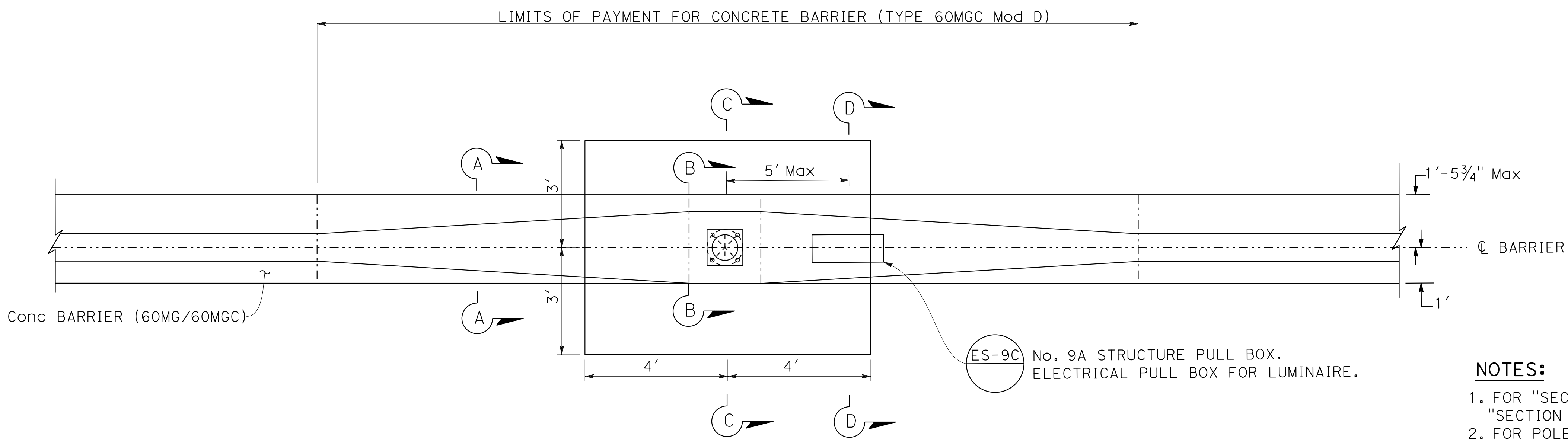
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	132	1710

REGISTERED CIVIL ENGINEER *Ingenieur* 9-29-21
 DATE
 October 8, 2021
 PLANS APPROVAL DATE

CHUONG NGUYEN
 No. C46770
 Exp. 6-30-23
 CIVIL
 STATE OF CALIFORNIA

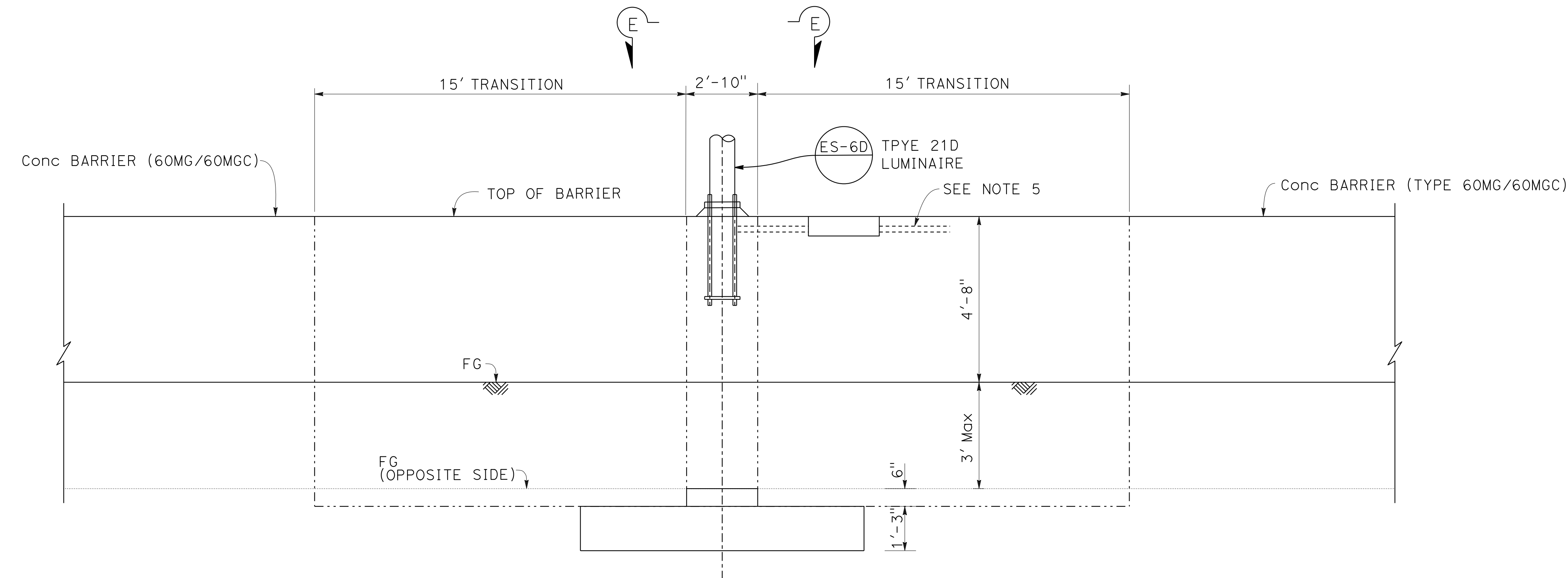
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
---	--



PART PLAN VIEW

- NOTES:**
1. FOR "SECTION A-A", "SECTION B-B", "SECTION C-C", "SECTION D-D" AND "SECTION E-E", SEE SHEET C-60.
 2. FOR POLE LOCATION, SEE "ROADWAY PLANS".
 3. FOR DETAILS NOT SHOWN, SEE "STANDARD PLANS".
 4. THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
 5. FOR LOCATION OF CONDUIT IN CONCRETE BARRIER, SEE ELECTRICAL PLANS.



PART ELEVATION

CONCRETE BARRIER (TYPE 60MGC Mod D)

- "I-680" 337+05
- "I-680" 339+05
- "I-680" 341+05
- "I-680" 636+08
- "I-680" 638+18

CONSTRUCTION DETAILS
NO SCALE

C-59

0:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga059.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21
 USERNAME => p302438
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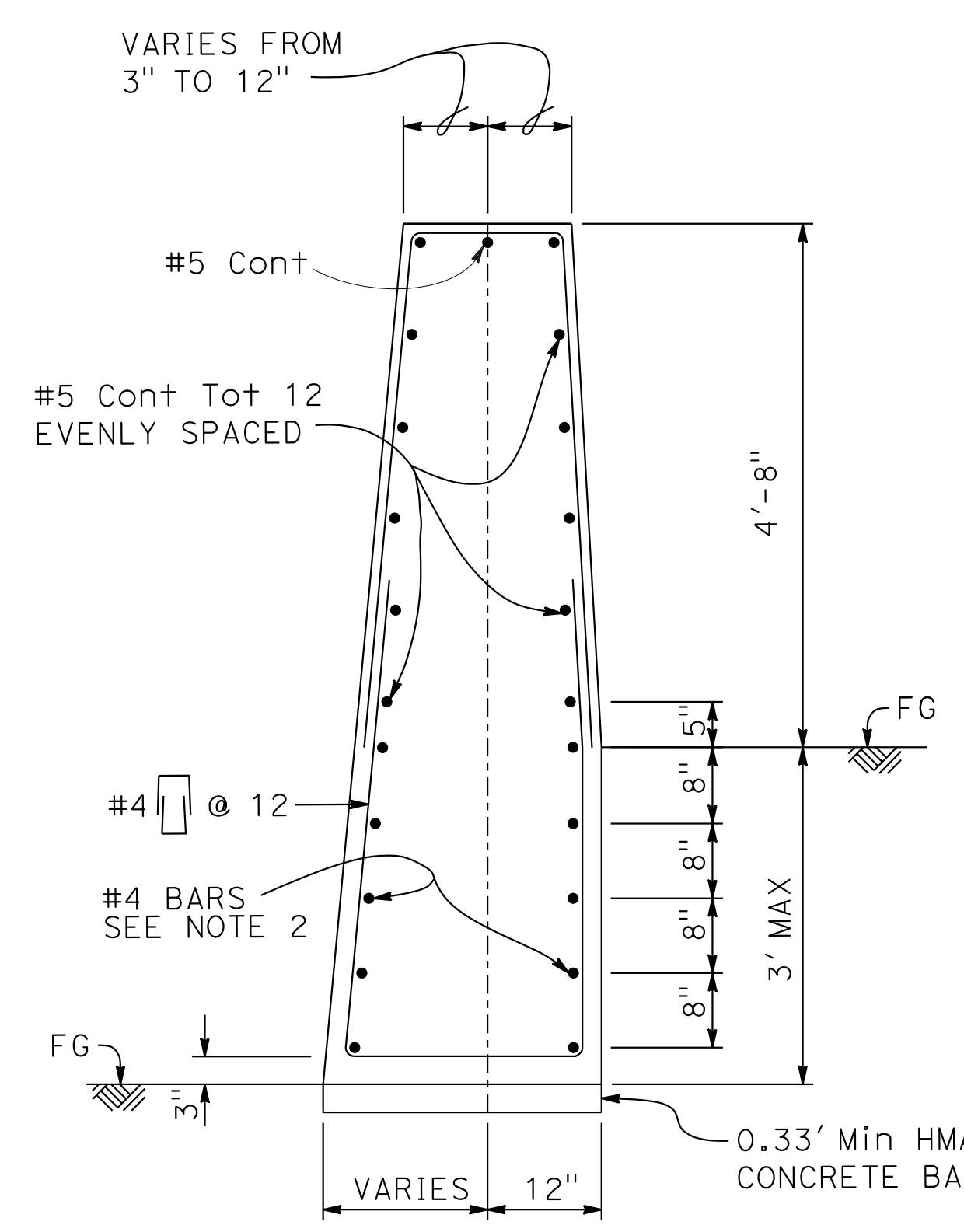
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	133	1710

<i>Ingenier</i>	9-29-21
REGISTERED CIVIL ENGINEER	DATE
October 8, 2021	
PLANS APPROVAL DATE	

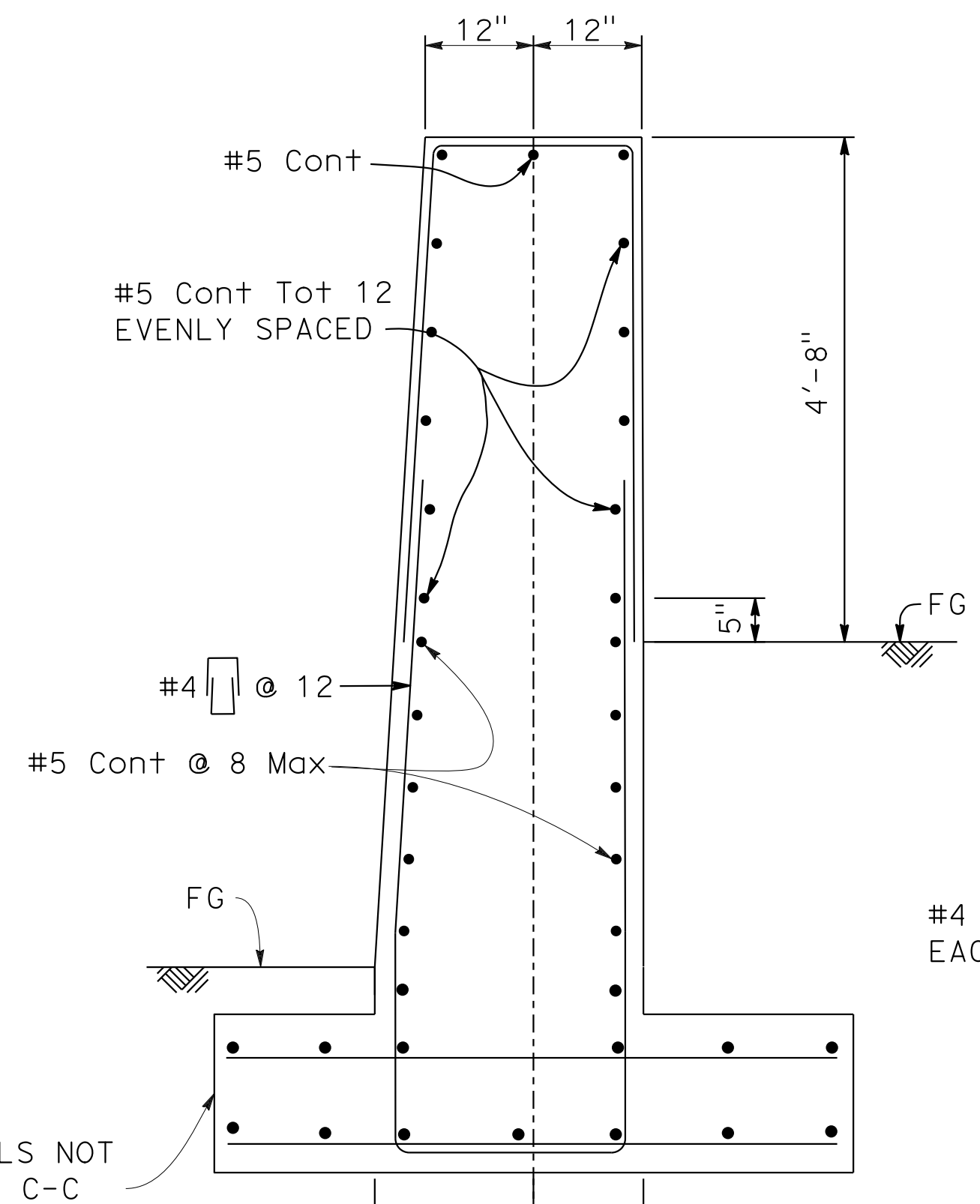
CHUONG NGUYEN No. C46770 Exp. 6-30-23 CIVIL STATE OF CALIFORNIA
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WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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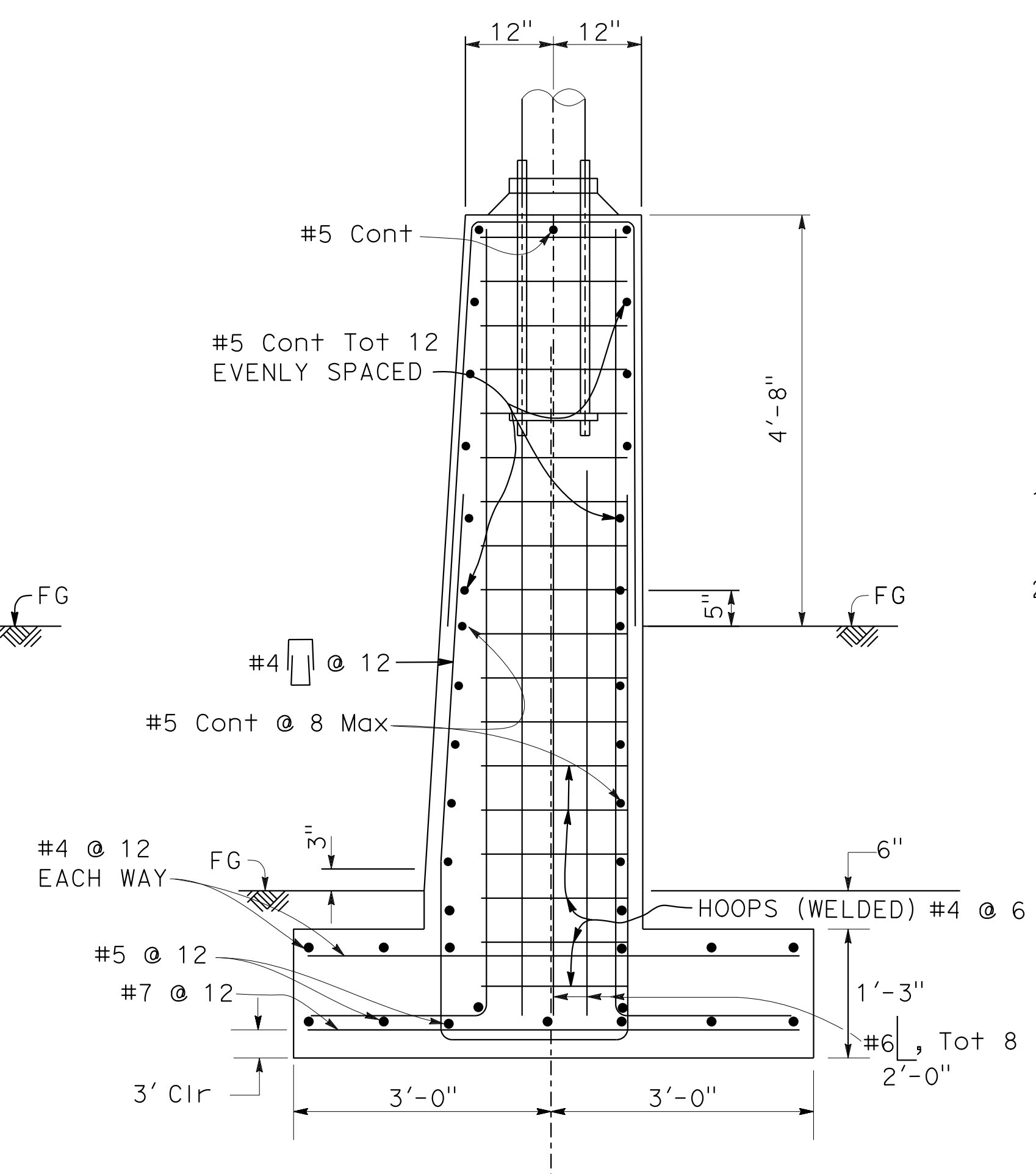
- NOTES:**
1. VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
 2. FOR ROADBED SURFACES OFFSET GREATER THAN 1 1/2" AND LESS THAN OR EQUAL TO 3", NO REBARS REQUIRED. FOR ROADBED SURFACES OFFSET GREATER THAN 3" AND LESS THAN OR EQUAL TO 8", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 8" AND LESS THAN OR EQUAL TO 12", USE TWO #4 REBARS AT 3' ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT 8" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 12" AND LESS THAN OR EQUAL TO 36", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT EVERY 8" INCREMENT VERTICAL SPACING ABOVE THE FIRST TWO #4 REBARS.



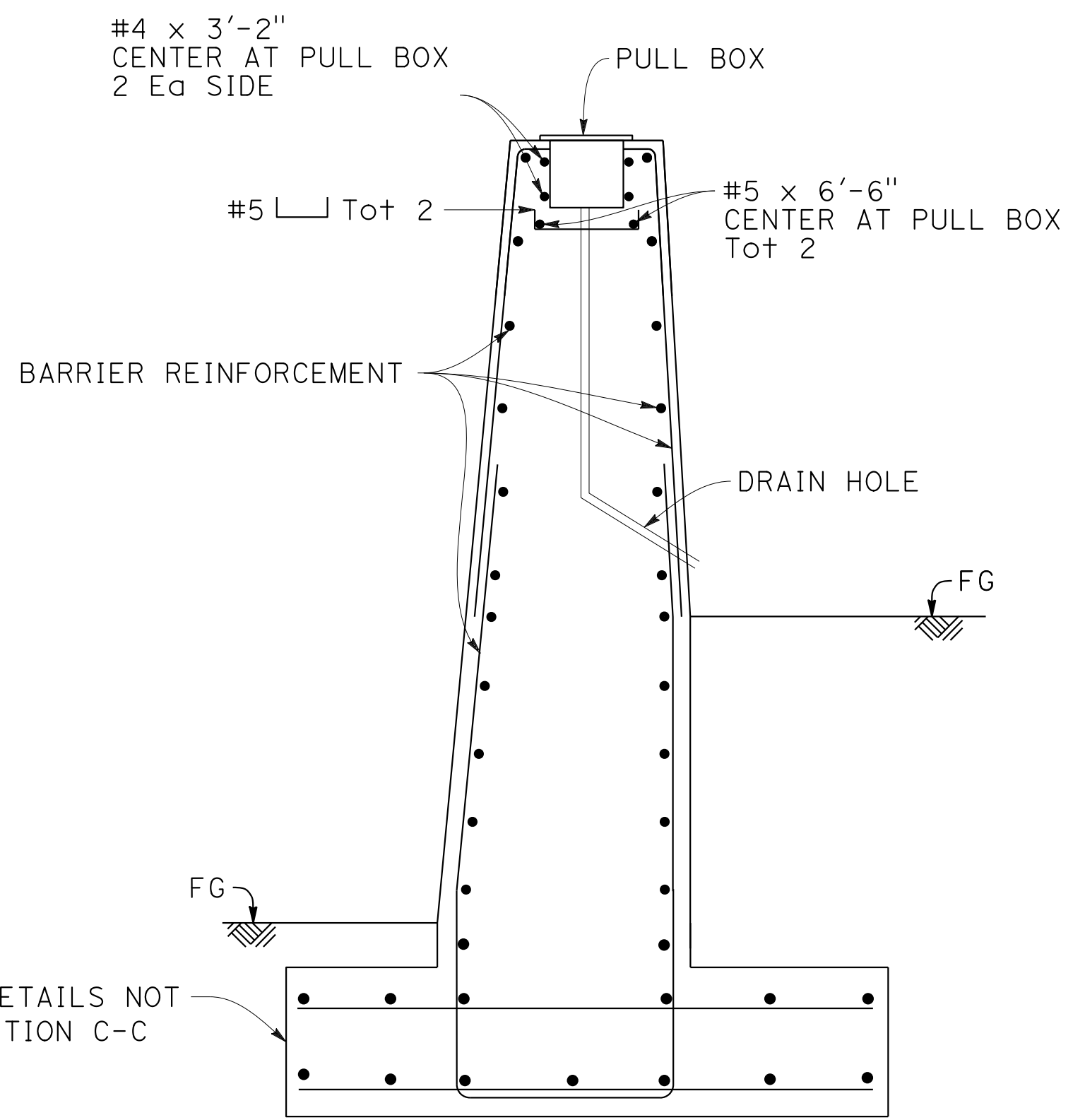
SECTION A-A



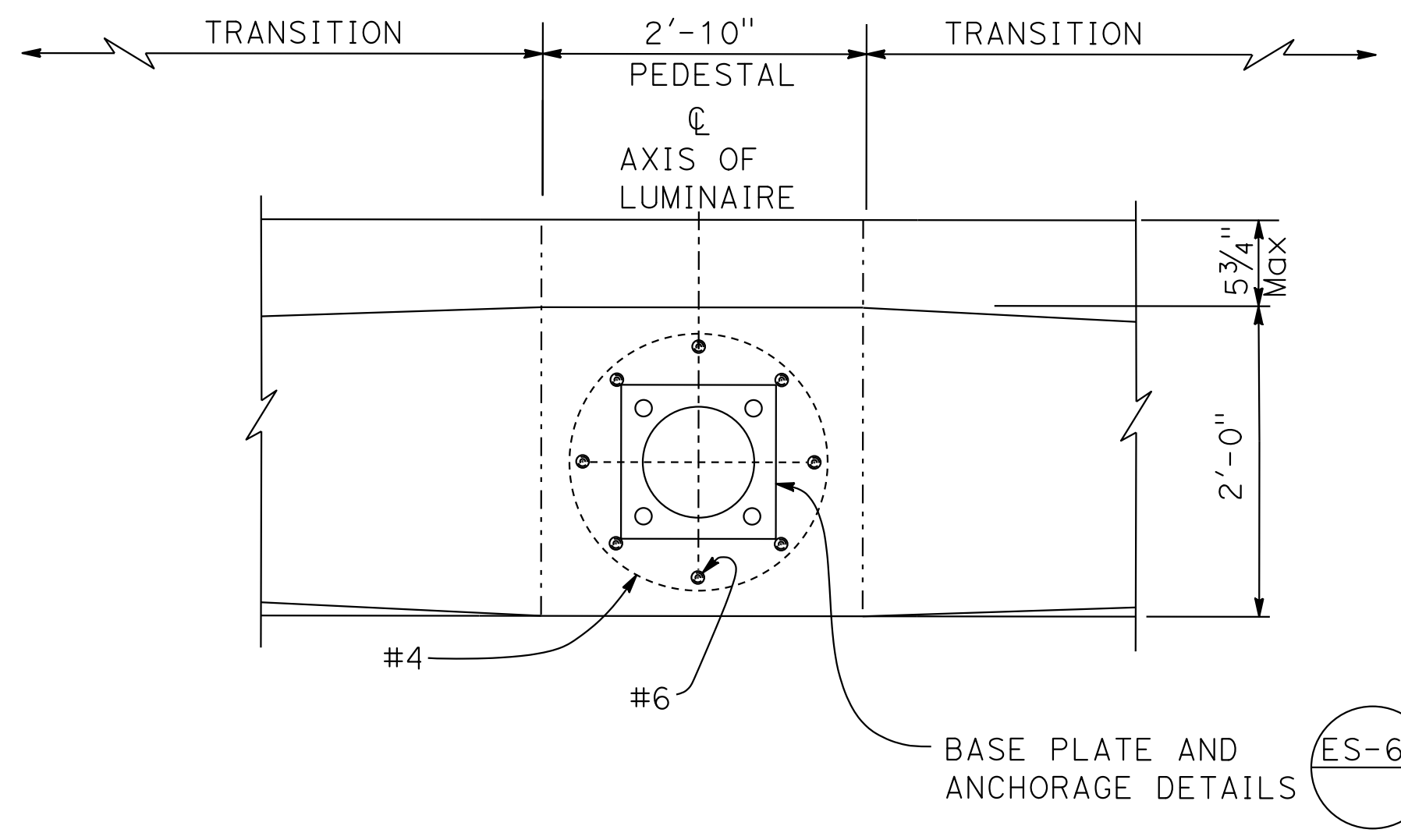
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E


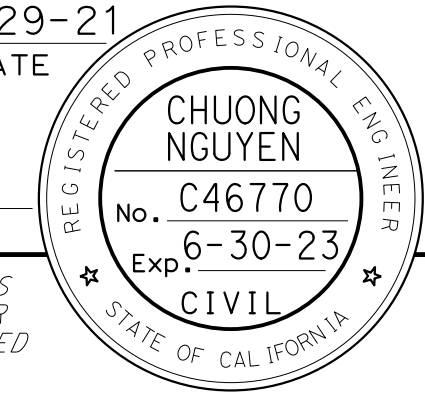
CONCRETE BARRIER (TYPE 60MGC Mod D)

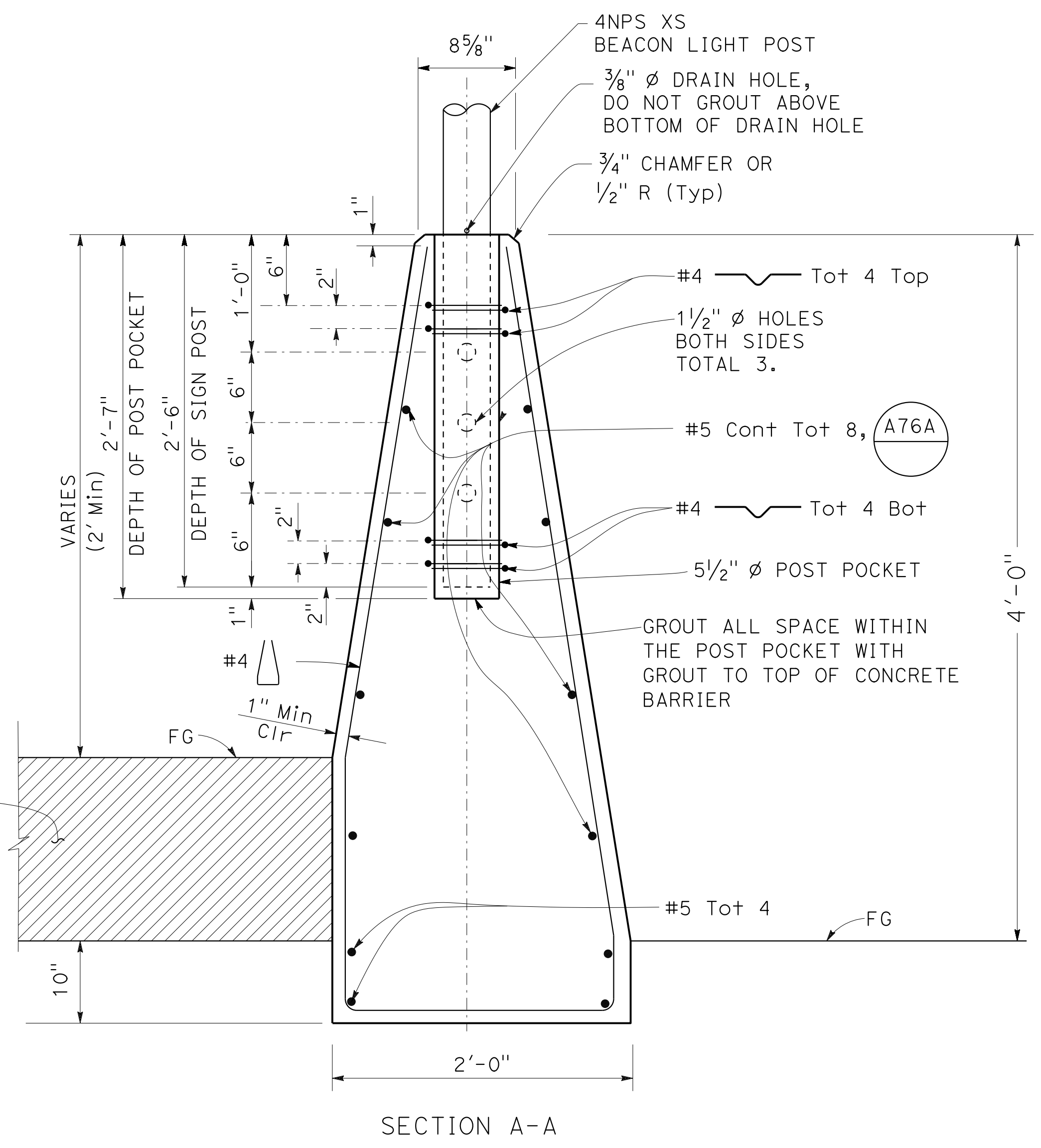
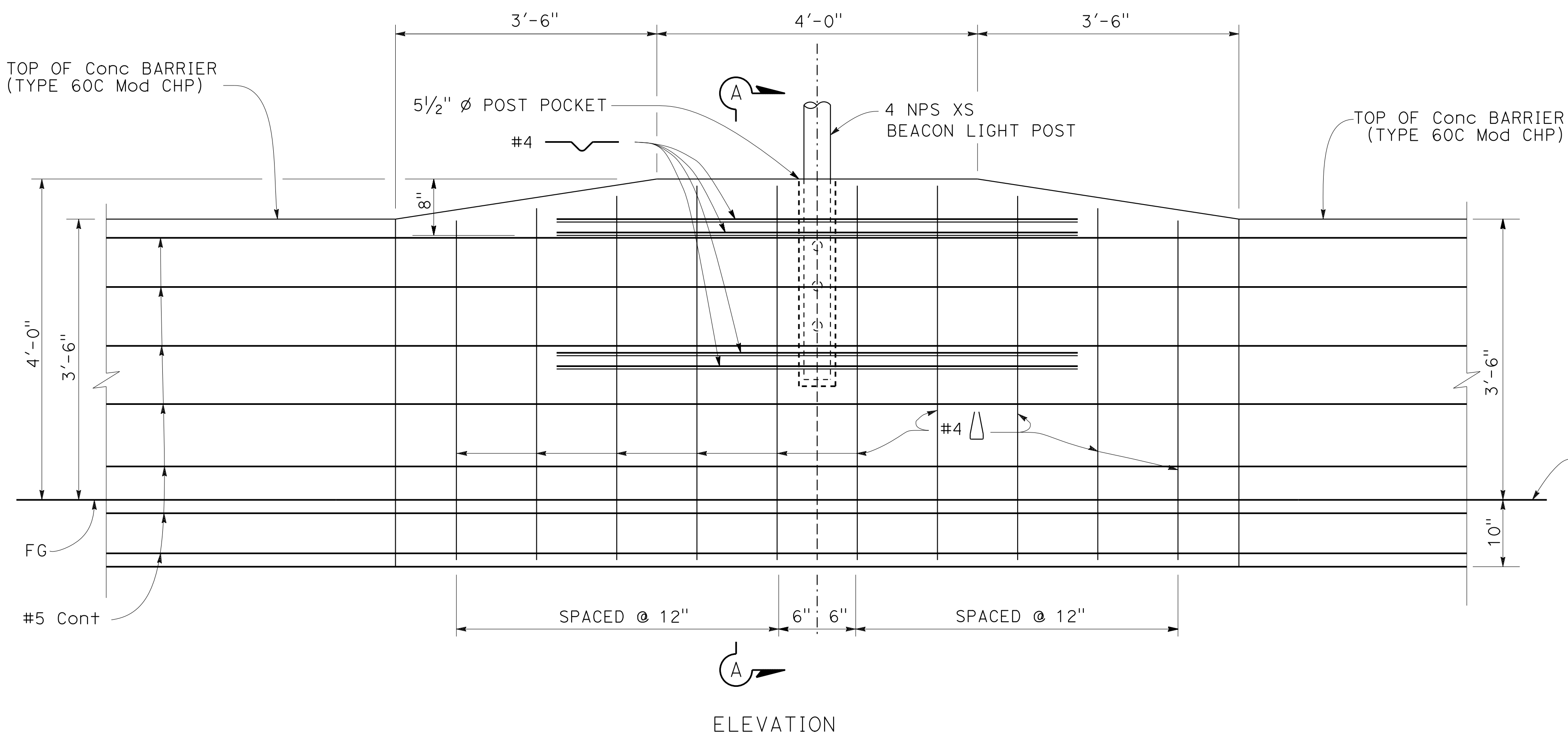
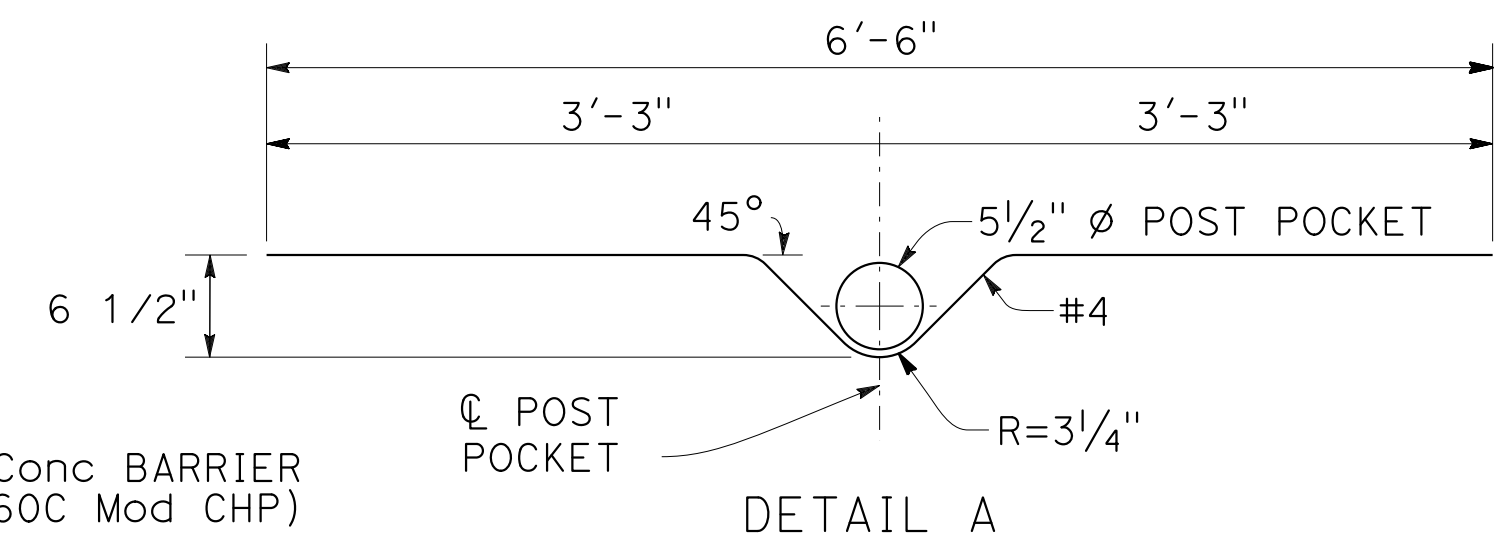
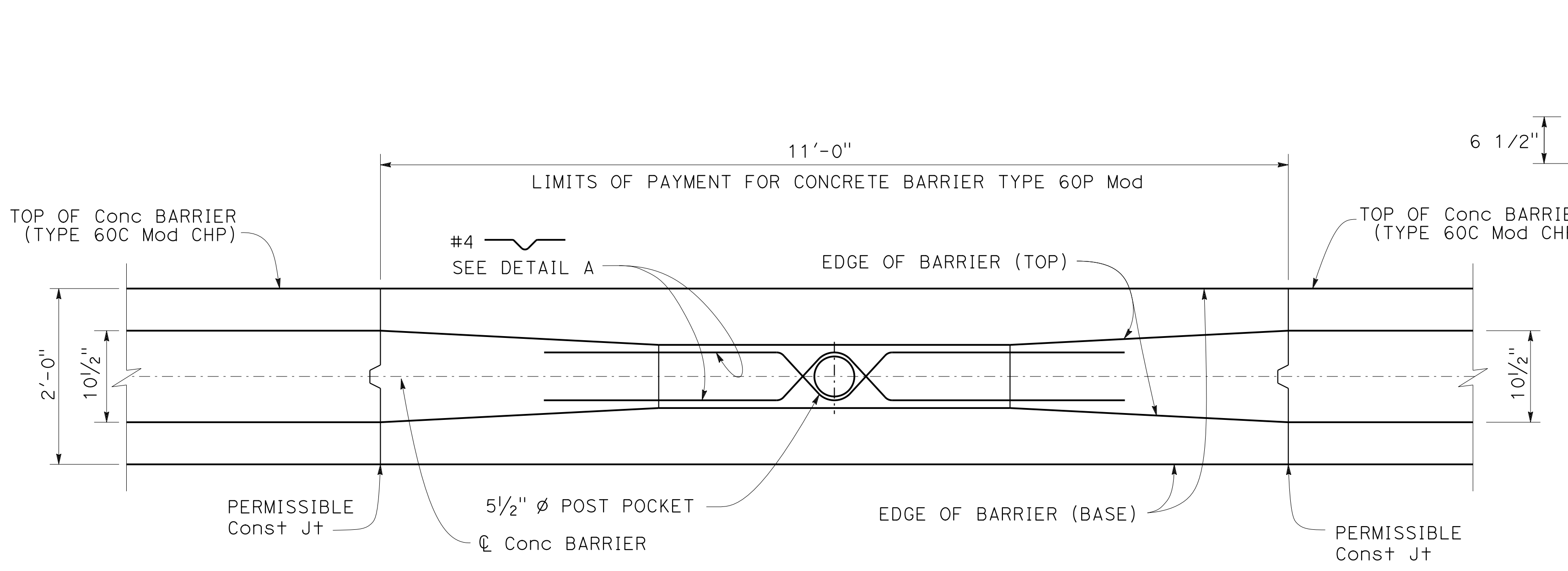
CONSTRUCTION DETAILS
NO SCALE

C-60

O:\0030\DRAWING\FINAL_P58E\0420000235ga060.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CHUONG NGUYEN
 REGISTERED CIVIL ENGINEER
 No. C46770
 Exp. 6-30-23
 CIVIL
 STATE OF CALIFORNIA
 W.M.H. CORPORATION
 55 SOUTH MARKET ST
 SUITE 1200
 SAN JOSE, CA 95113
 ALAMEDA CTC
 1111 BROADWAY
 SUITE 800
 OAKLAND, CA 94607
 USERNAME => p302438
 DGN FILE => 0420000235ga060.dgn
 BORDER LAST REVISED 7/2/2010
 RELATIVE BORDER SCALE
 IS IN INCHES
 UNIT 0733
 PROJECT NUMBER & PHASE
 04200002351

LAST REVISION DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:39

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	134	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			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>					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

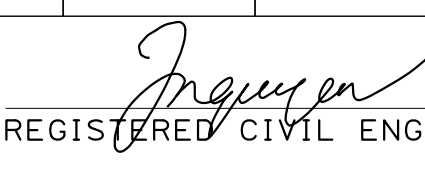
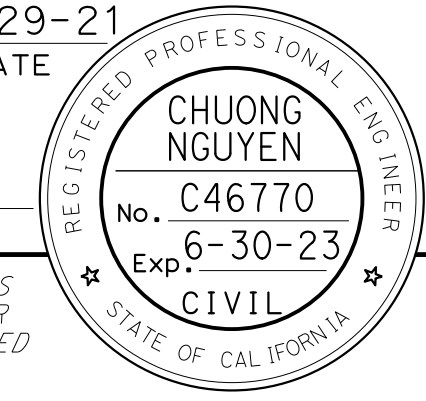


CONCRETE BARRIER (TYPE 60P Mod)
AT CHP OBSERVATION AREA

CONSTRUCTION DETAILS
NO SCALE

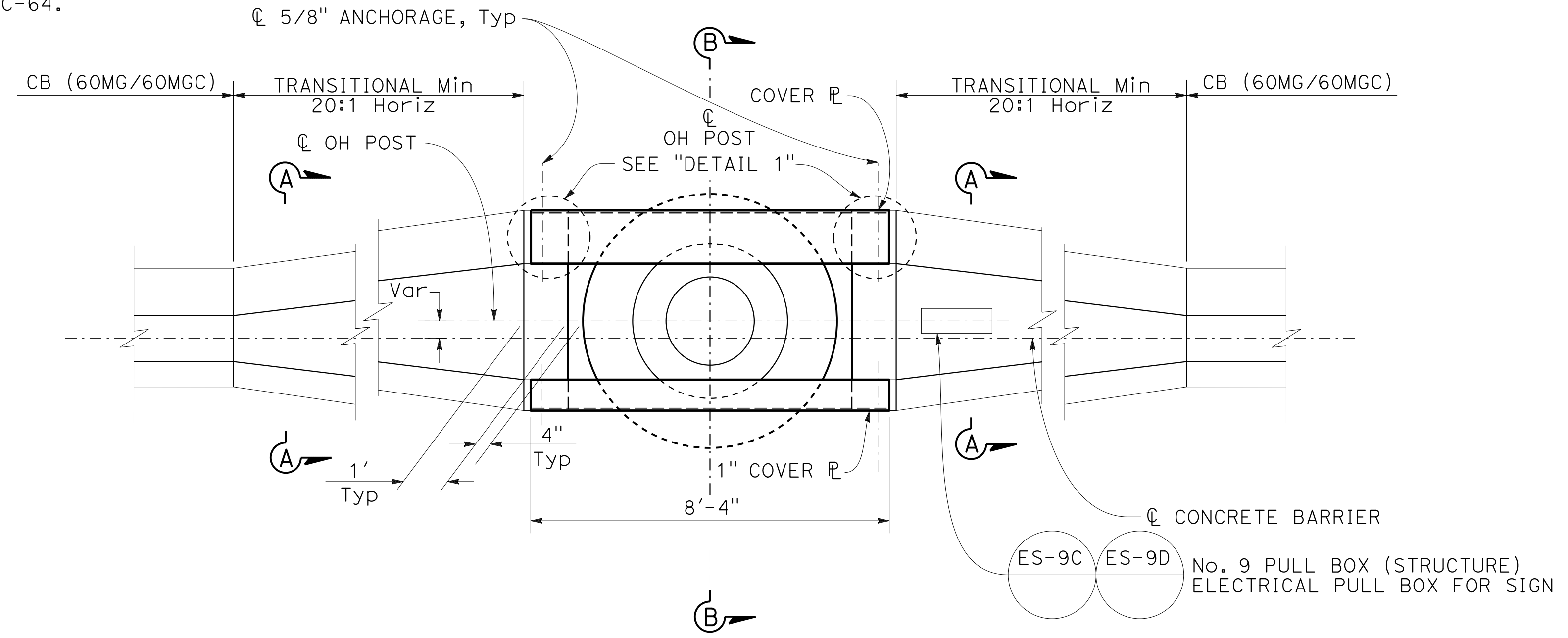
C-61

0:\0030\UDRAFTING\FINAL_P58E\0420000235ga061.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CHUNG NGUYEN
 JOHN NGUYEN
 TIMOTHY J. LEE
 CC
 9-29-21
 9-29-21
 7-MAR-2022 12:39

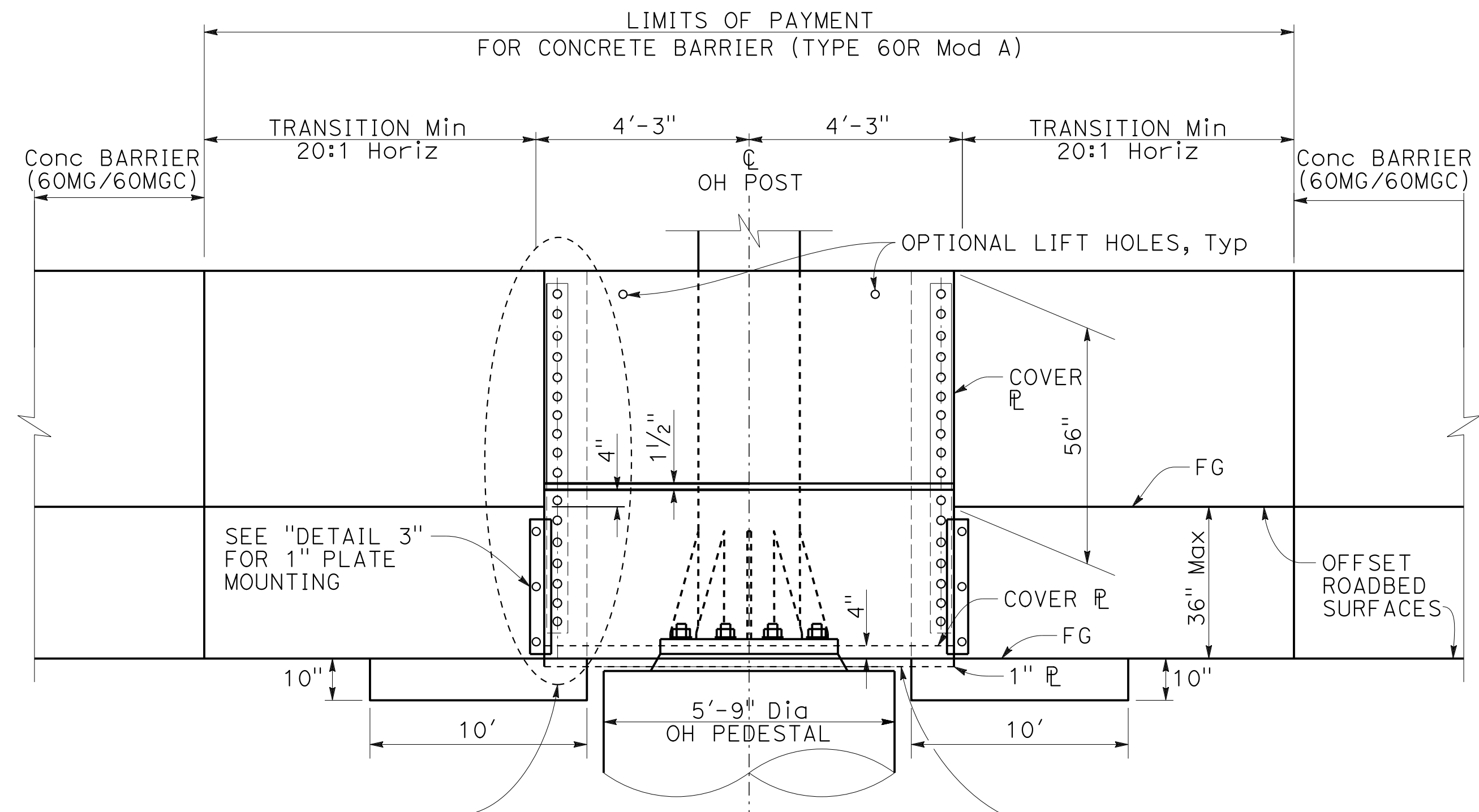
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	135	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:

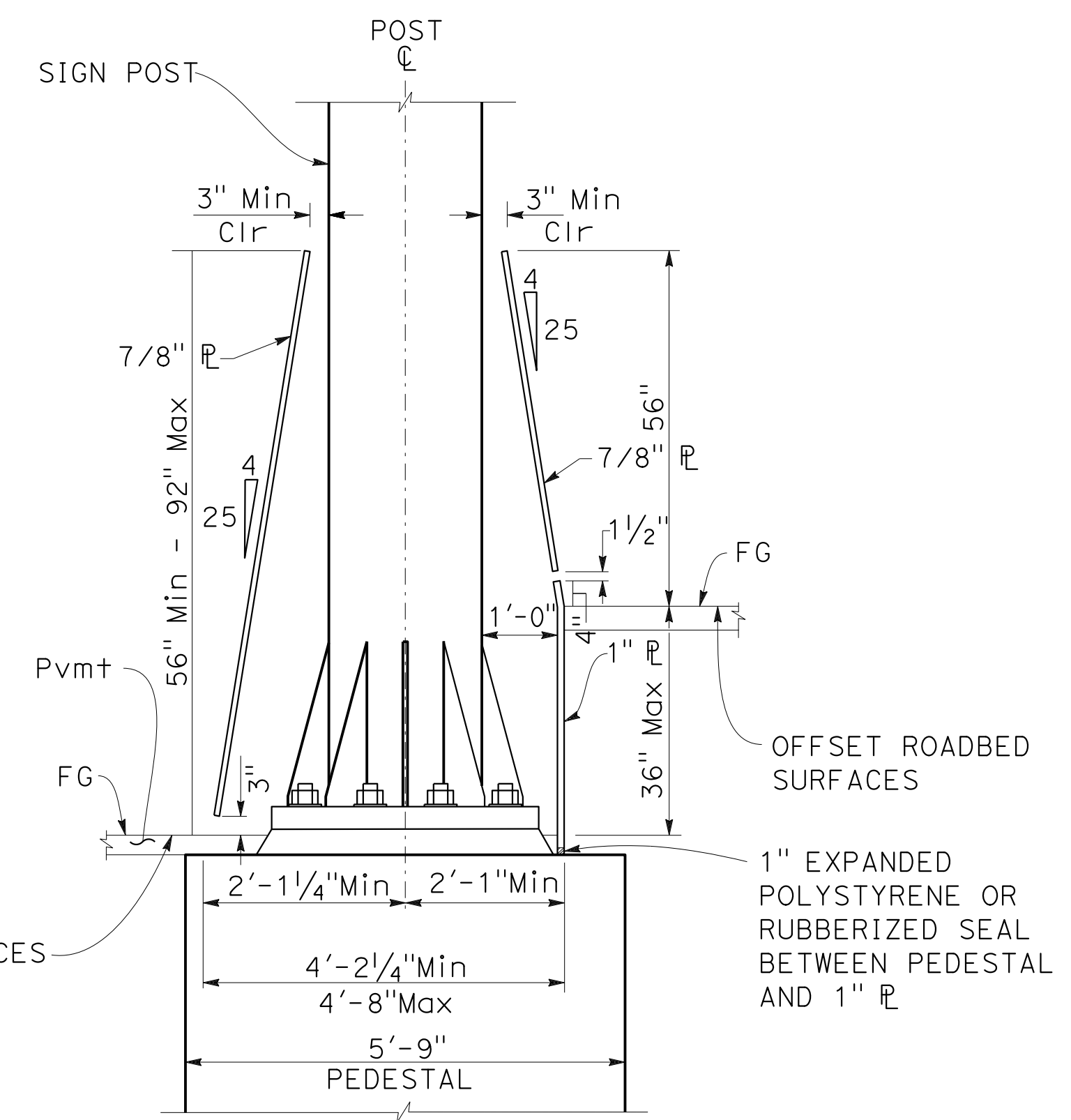
FOR SECTION A-A & MORE DETAILS, SEE SHEET C-64.



PLAN



ELEVATION



SECTION B-B

SEE "DETAIL 1", "DETAIL 2" AND "DETAIL 3". METAL PLATES TO BE GALVANIZED AFTER FABRICATION. HARDWARE TO BE GALVANIZED.

CONCRETE BARRIER (TYPE 60R Mod A) AT SIGN STRUCTURE

- "I-680" 295+80
- "I-680" 588+50
- "I-680" 592+23.33
- "I-680" 604+00
- "I-680" 629+50
- "I-680" 630+07.75

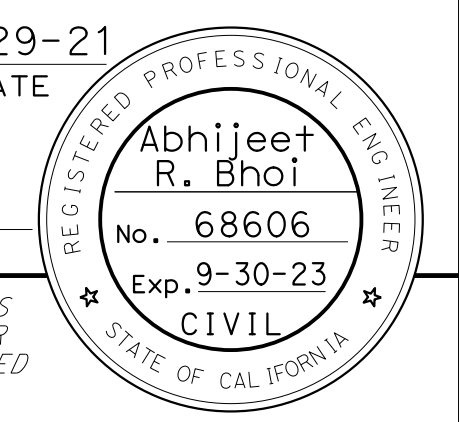
CONSTRUCTION DETAILS
NO SCALE

O:\0030\DRAWING\FINAL_P58E\0420000235ga062.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHECKED BY:
 CHARLIE CHRES JOHN NGUYEN
 REVISED BY: DATE REVISED: 9-29-21
 CC

LAST REVISION DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:39

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	136	1710

ARBhoi
 REGISTERED CIVIL ENGINEER DATE 9-29-21
 October 8, 2021
 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.

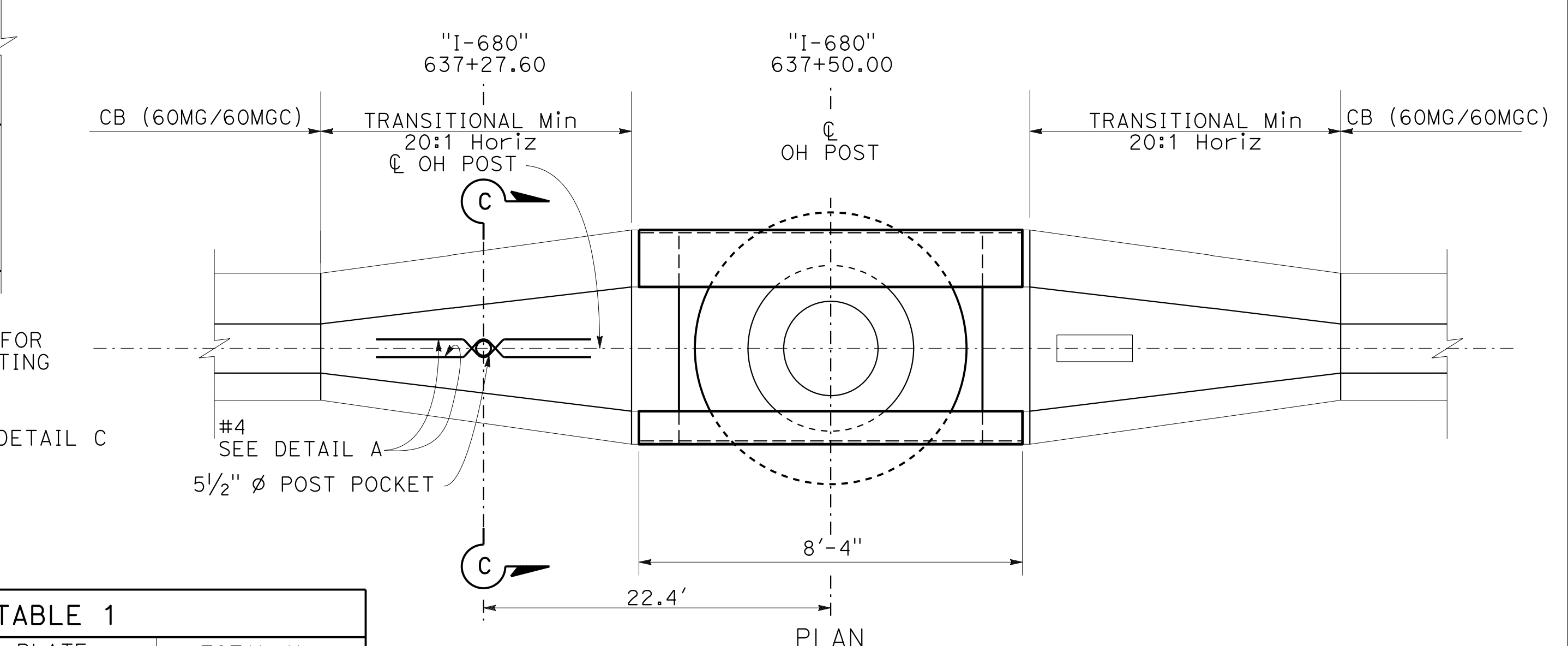
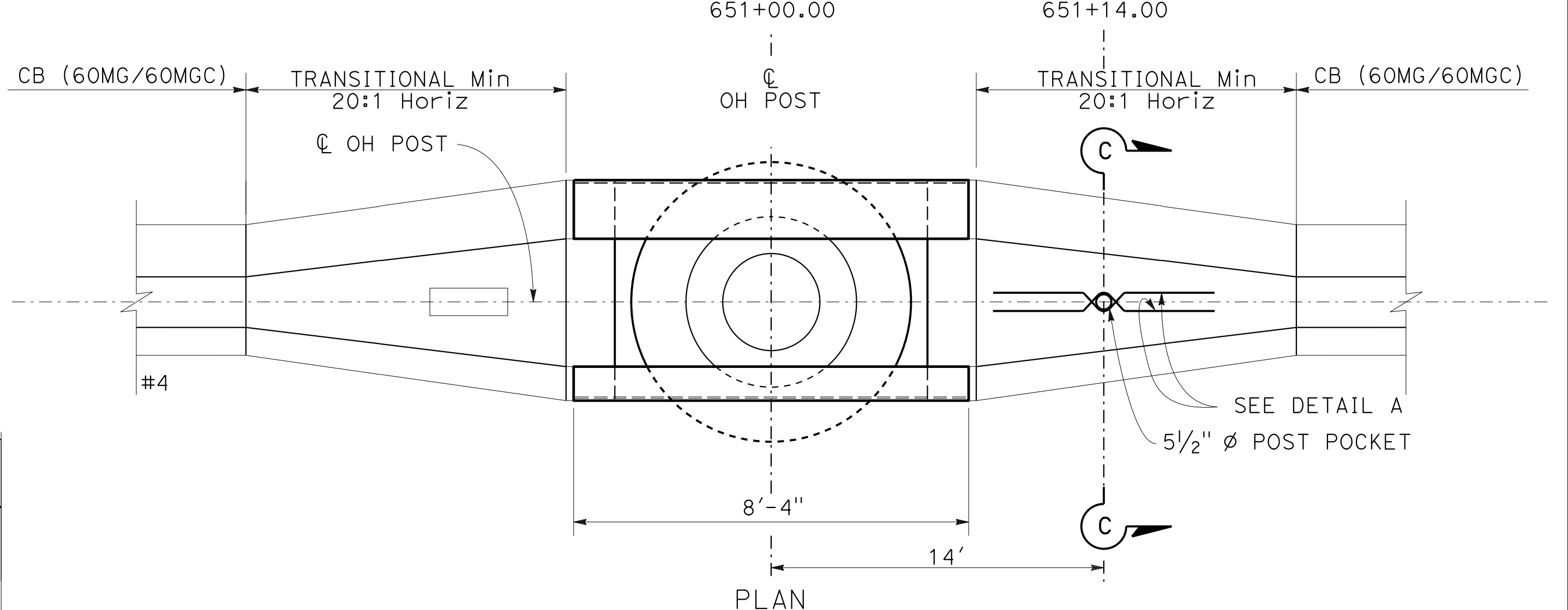
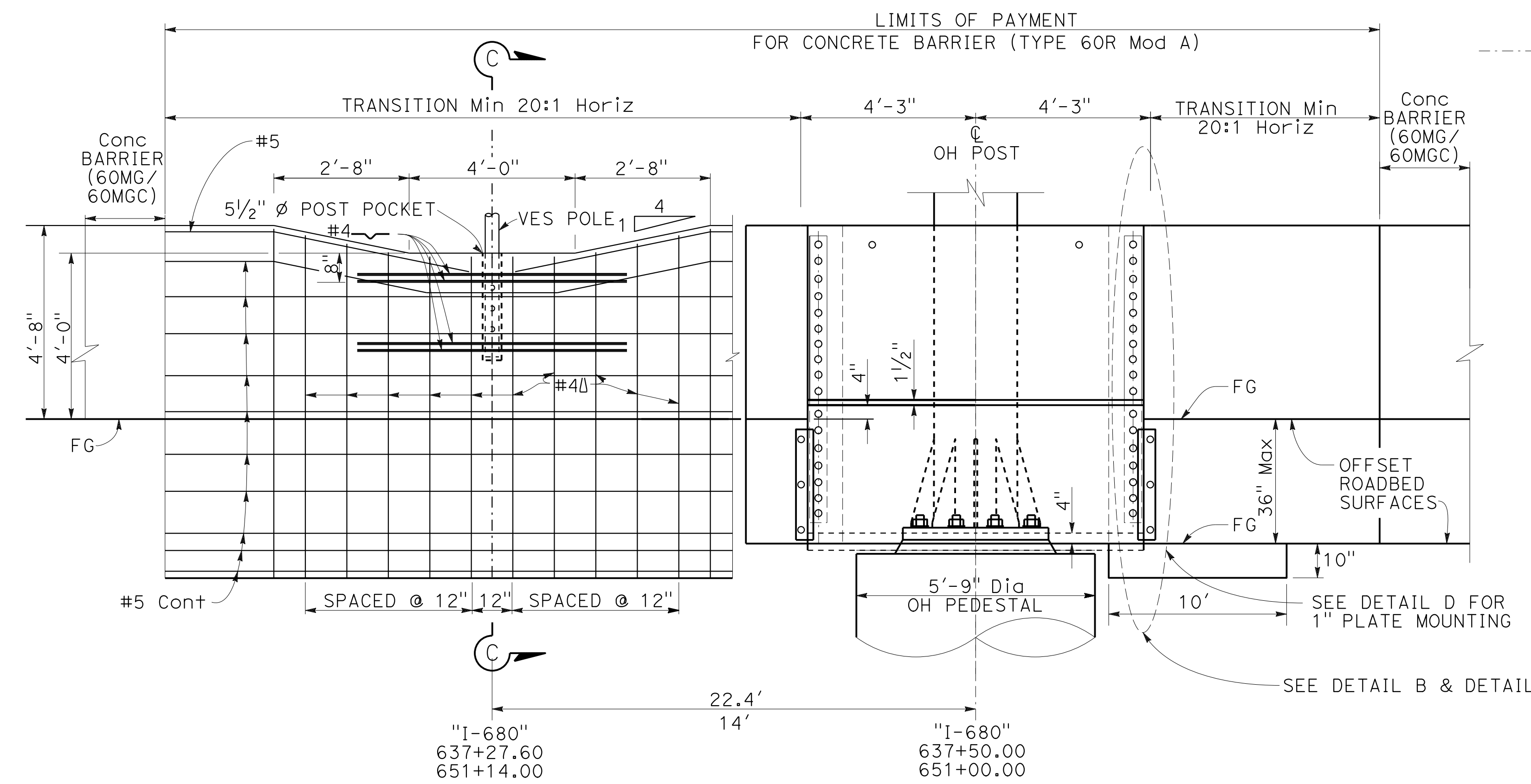
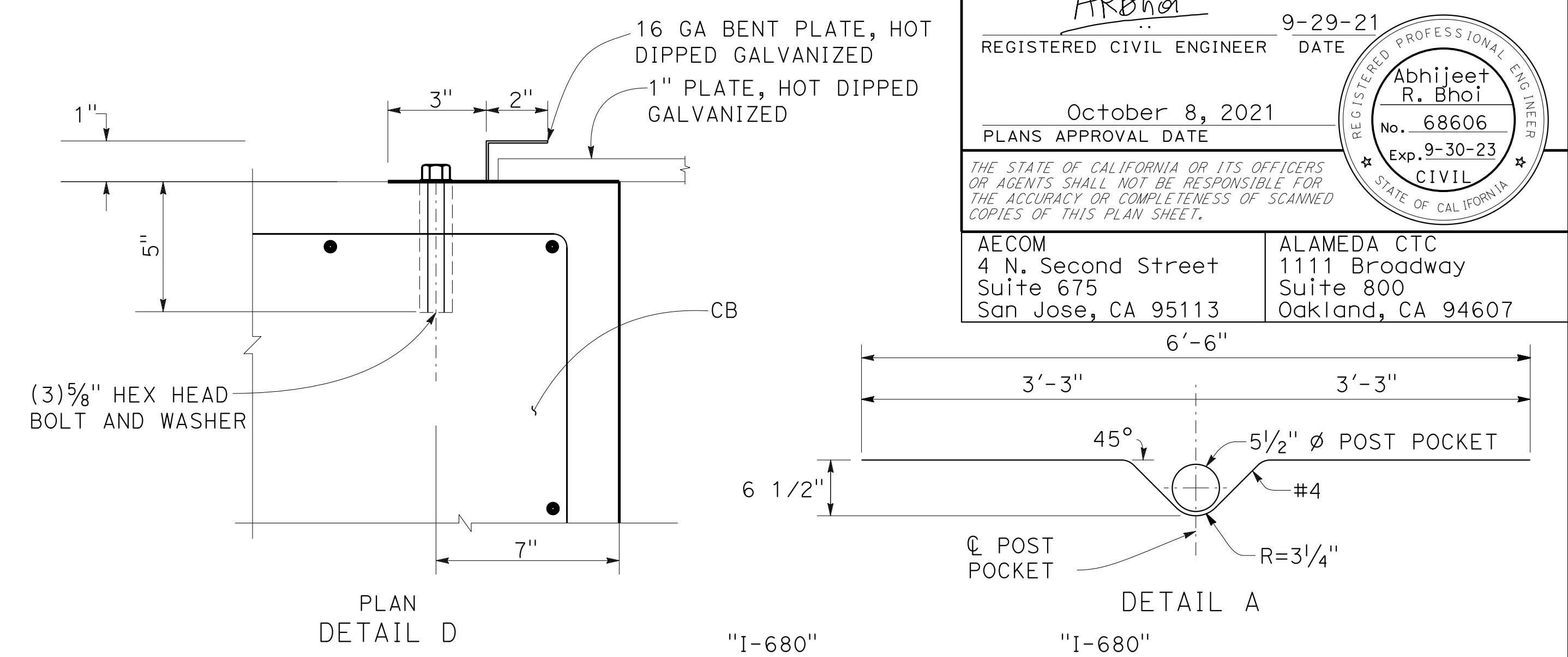
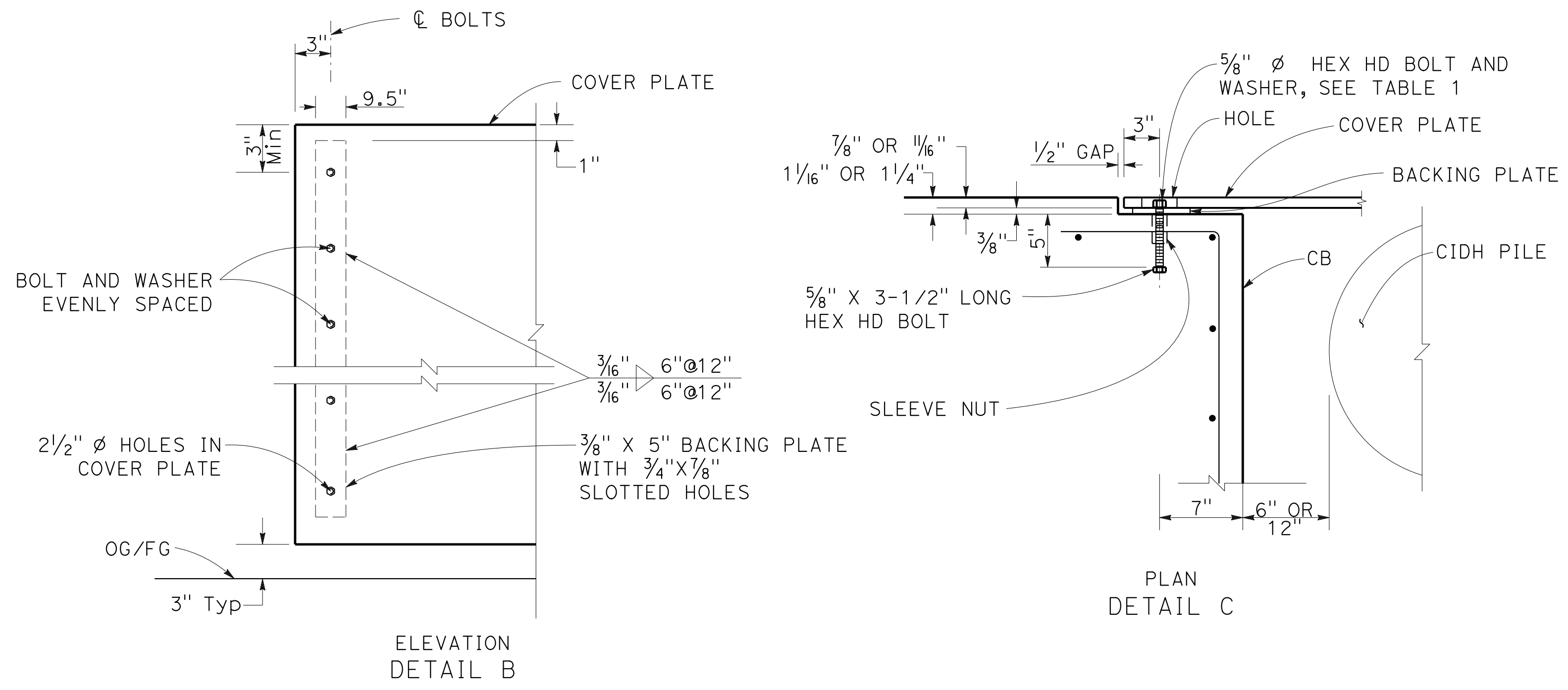


AECOM
 4 N. Second Street
 Suite 675
 San Jose, CA 95113

ALAMEDA CTC
 1111 Broadway
 Suite 800
 Oakland, CA 94607

NOTE:

1. FOR SECTION C-C, SEE SHEET C-64.
2. STRUCTURAL STEEL SHALL BE ASTM A709/A709M GRADE 50 UNLESS OTHERWISE NOTED.
3. FOR ELECTRICAL SYSTEMS DETAILS, SEE ED-119.



CONCRETE BARRIER (TYPE 60R Mod A) AT SIGN STRUCTURE

"I-680" 637+50
 "I-680" 651+00

L (ft)	PLATE THICKNESS (in)	TOTAL No. OF BOLTS
8'-6" Max	7/8	10
6'-6" Max	1 1/8	7

CONSTRUCTION DETAILS
 NO SCALE

C-63

0:\0030\UDRAFTING\FINAL_P58E\0420000235ga063.dgn

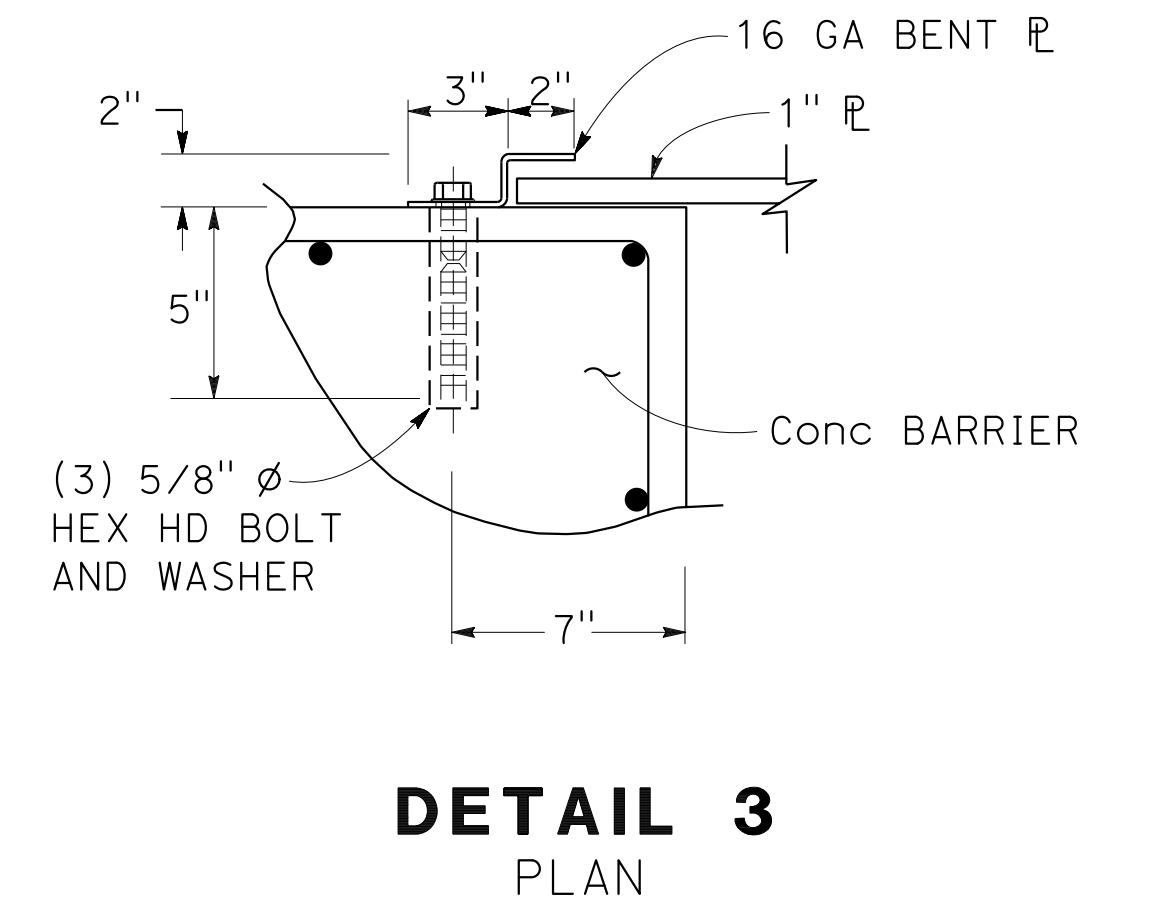
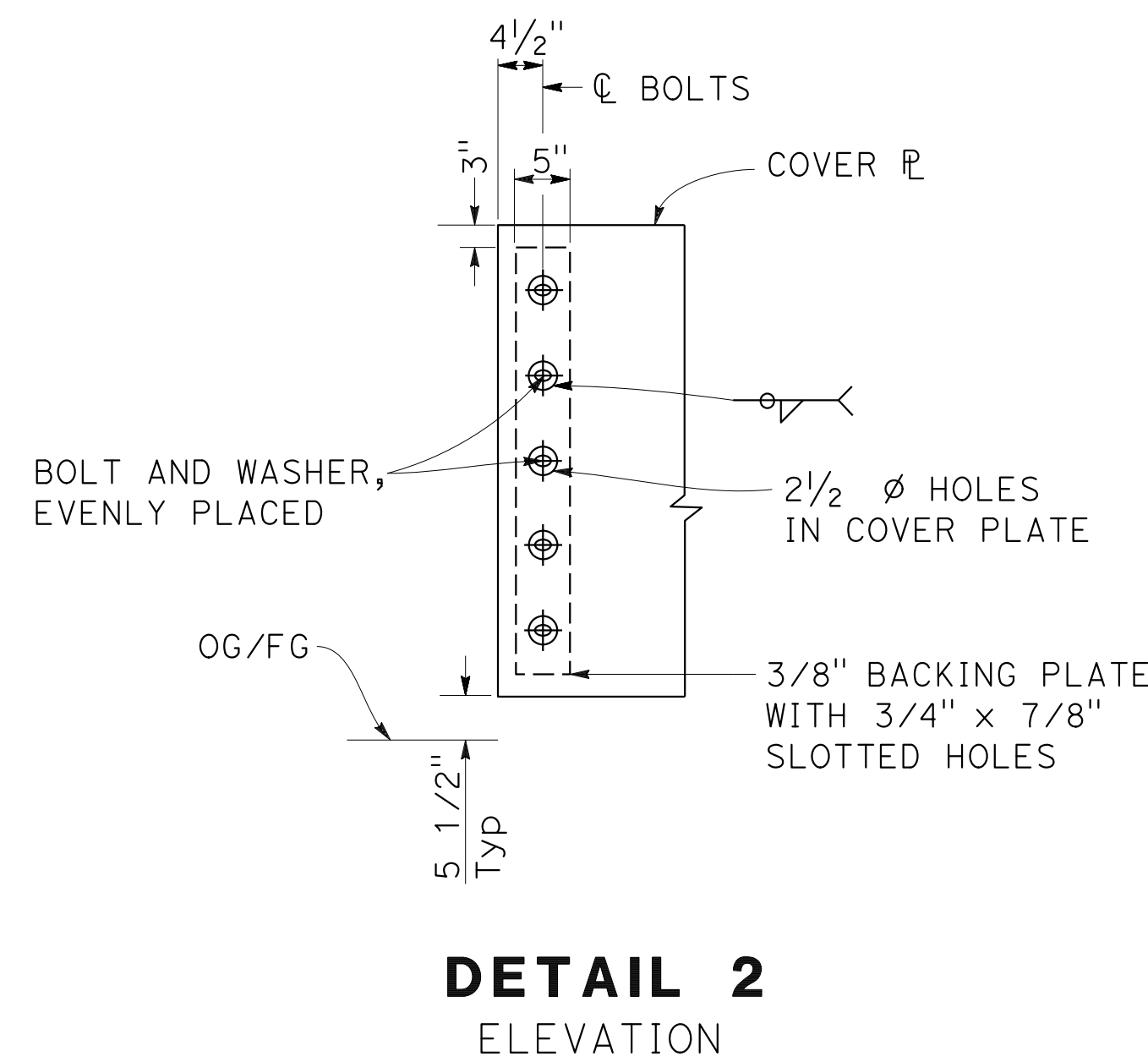
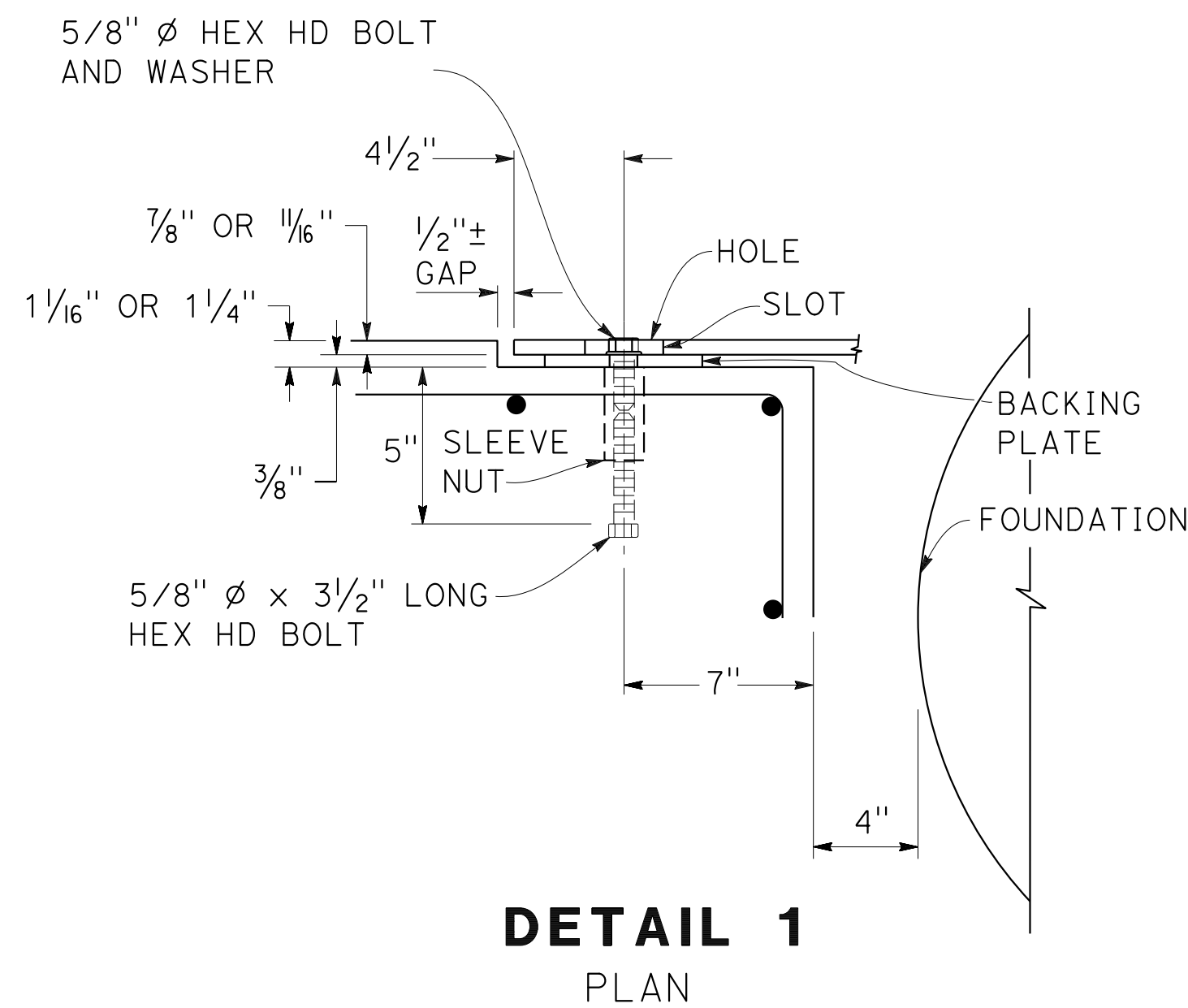
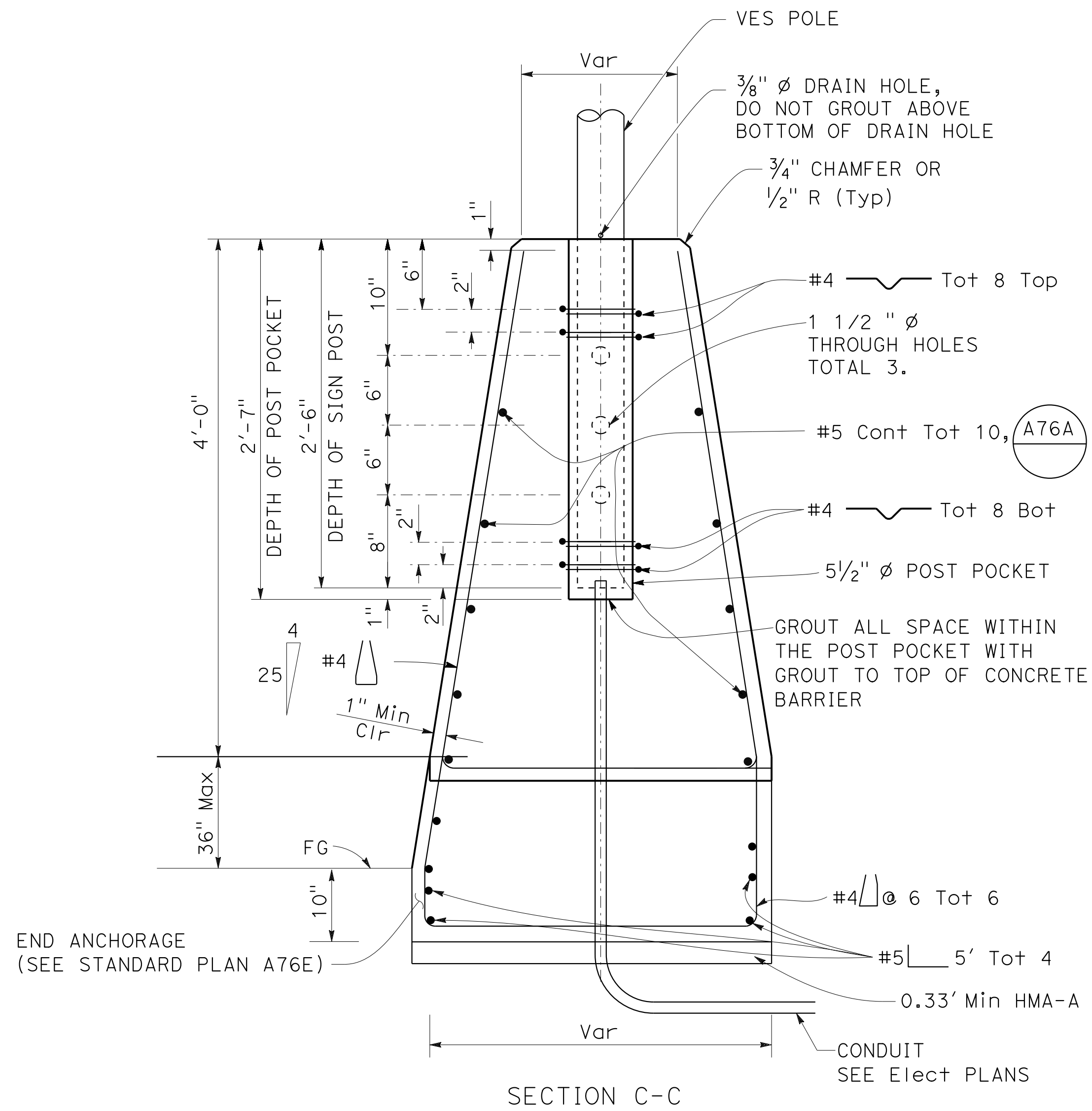
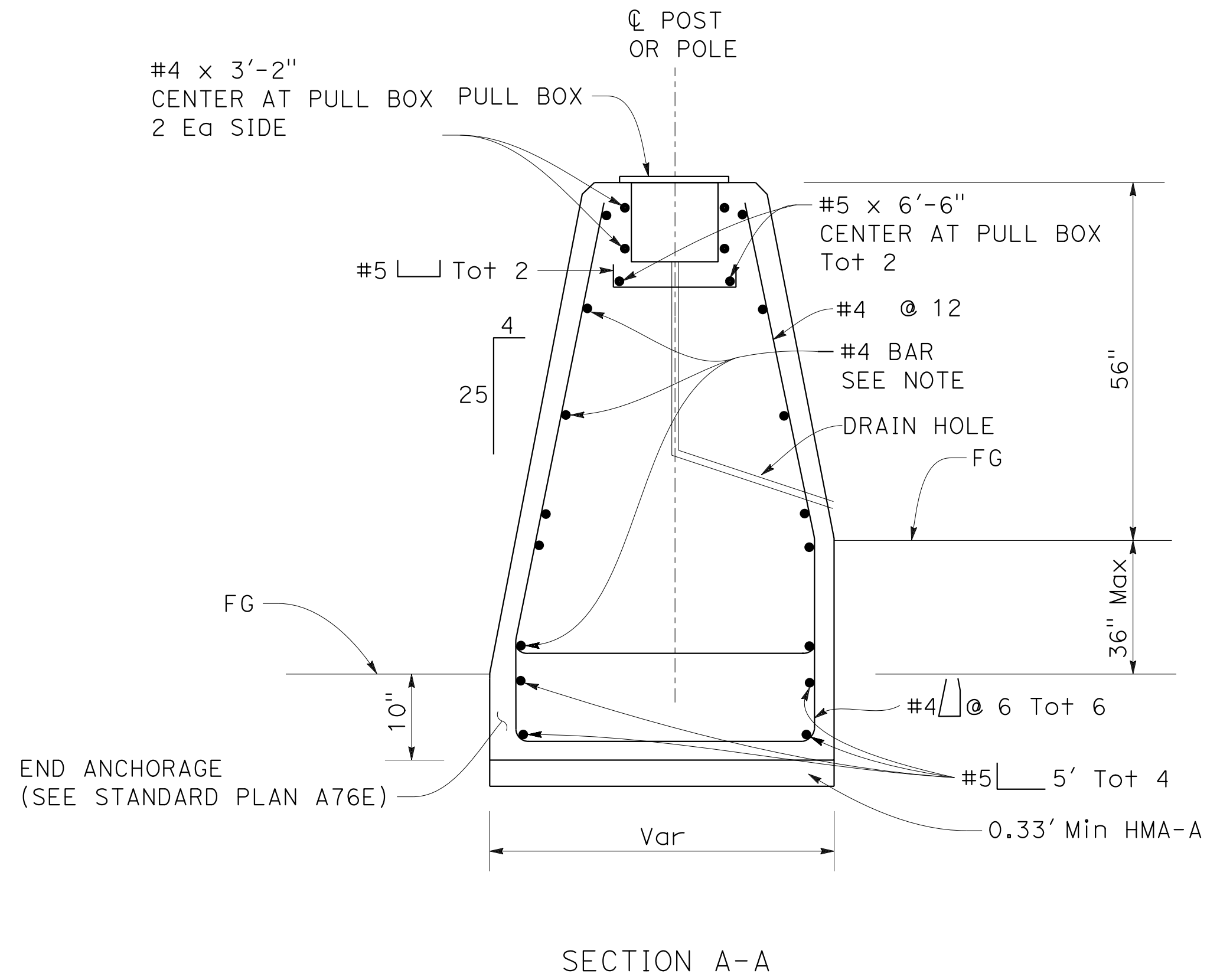


LAST REVISION DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:40

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	137	1710
REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			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.					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:

FOR ROADBED SURFACES OFFSET GREATER THAN 1 1/2" AND LESS THAN OR EQUAL TO 3", NO REBARS REQUIRED. FOR ROADBED SURFACES OFFSET GREATER THAN 3" AND LESS THAN OR EQUAL TO 8", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 8" AND LESS THAN OR EQUAL TO 12", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT 8" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 12" AND LESS THAN OR EQUAL TO 36", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE & TWO #4 REBARS AT EVERY 8" INCREMENT VERTICAL SPACING ABOVE THE FIRST TWO #4 REBARS.

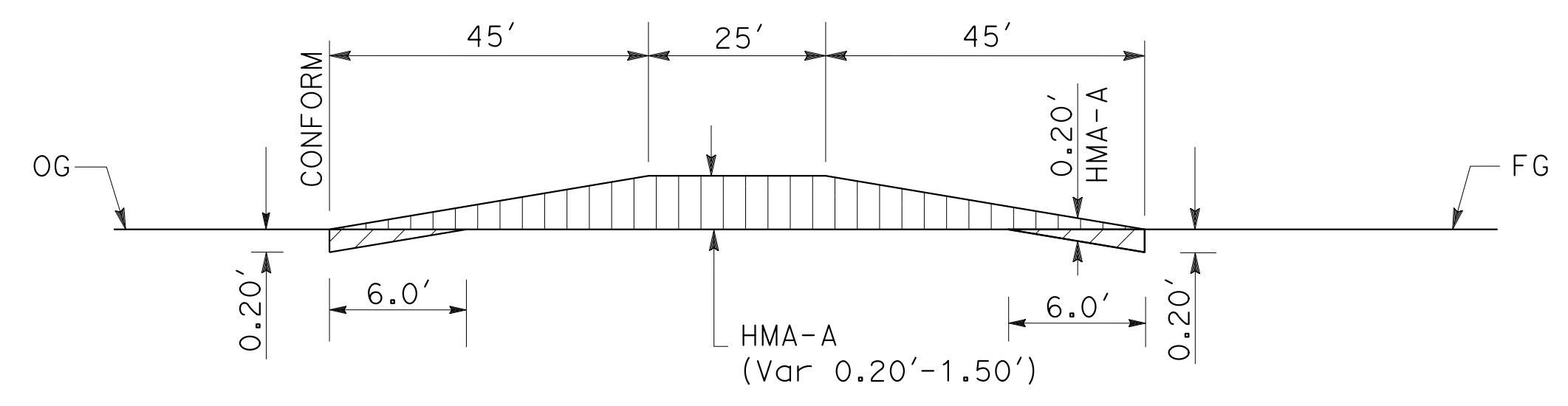


CONCRETE BARRIER (TYPE 60R Mod A) DETAILS

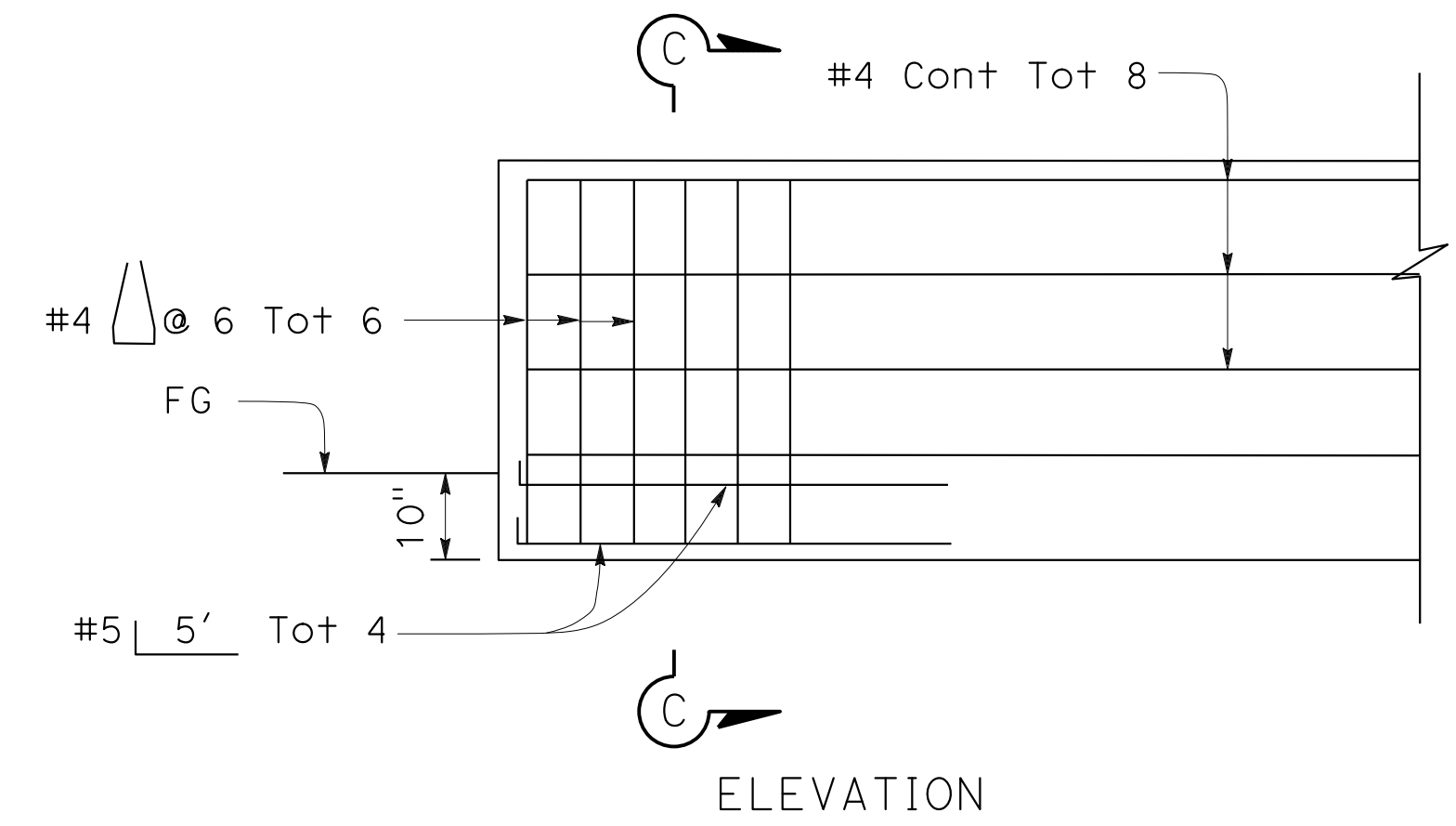
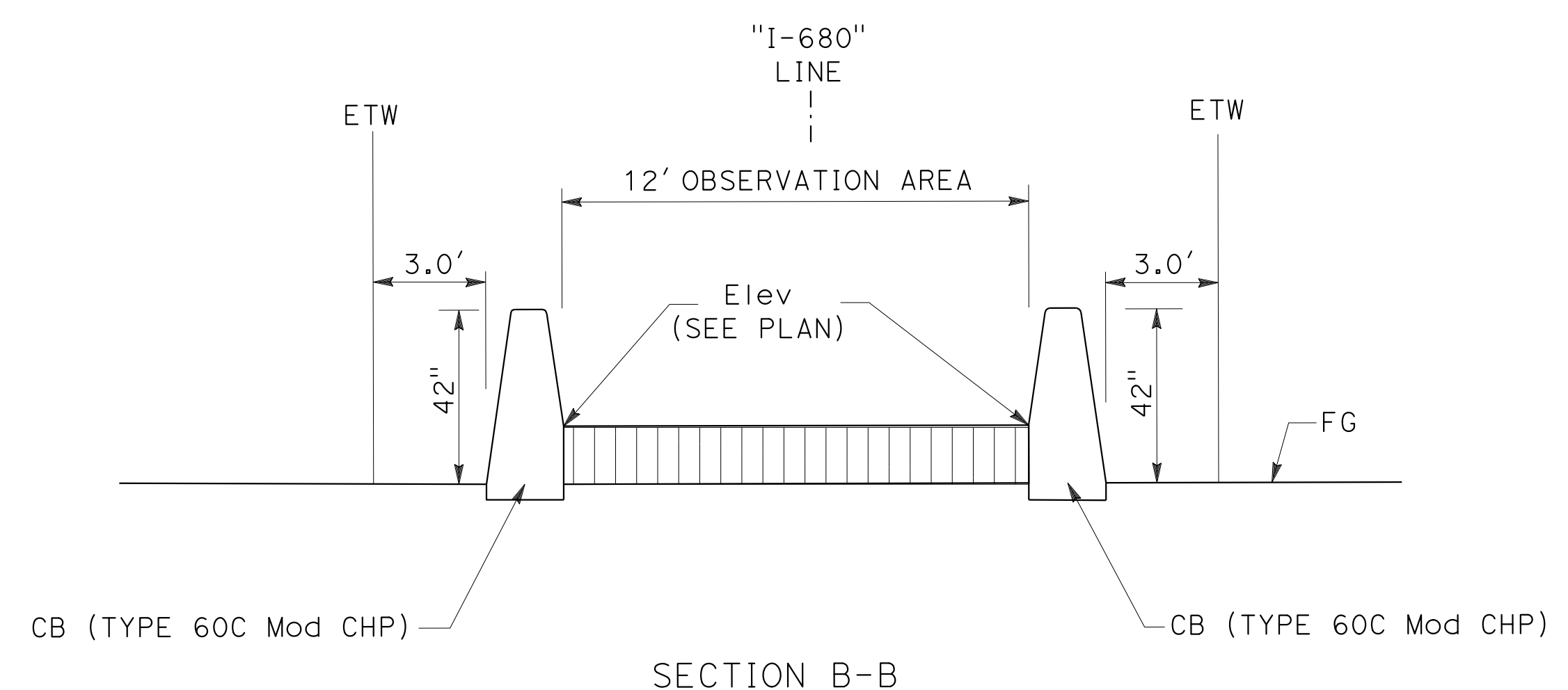
CONSTRUCTION DETAILS
NO SCALE

C-64

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	138	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



CHP OBSERVATION PAD



NOTES:

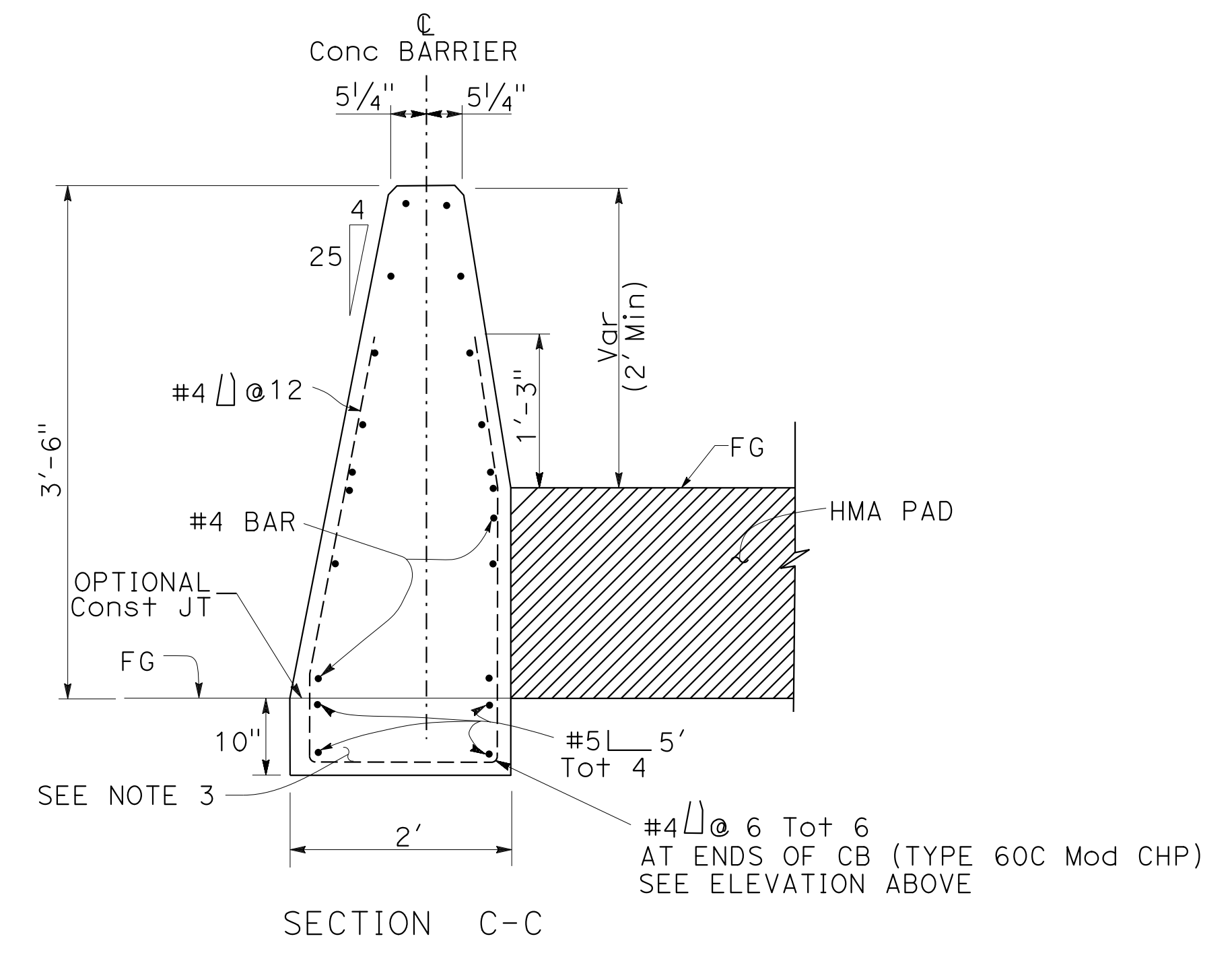
- SEE LAYOUT SHEETS FOR CONCRETE BARRIER TYPE
- CHP CRUISER PAD Elev VALUES, AND STATION OFFSETS ARE AT FINISH GRADE
- FOOTING MONOLITHIC OR DOWELED WITH 2-#8 X 8" @ 2'

ABBREVIATION:

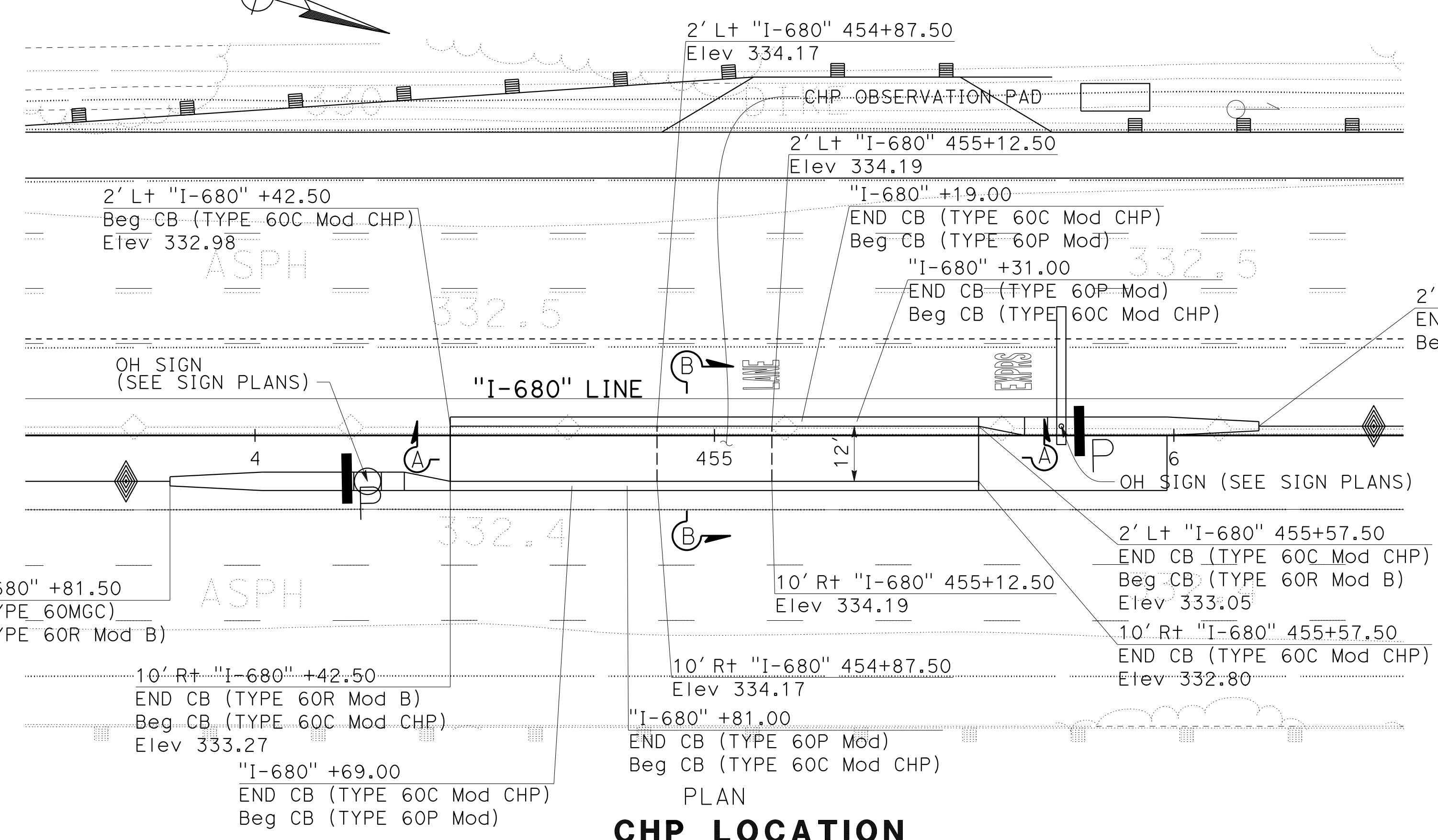
CHP CALIFORNIA HIGHWAY PATROL

LEGEND:

- ELEVATED HMA (TYPE A) CHP OBSERVATION PAD
- COLD PLANE AC PvmT



CONCRETE BARRIER (TYPE 60C Mod CHP)



CHP LOCATION

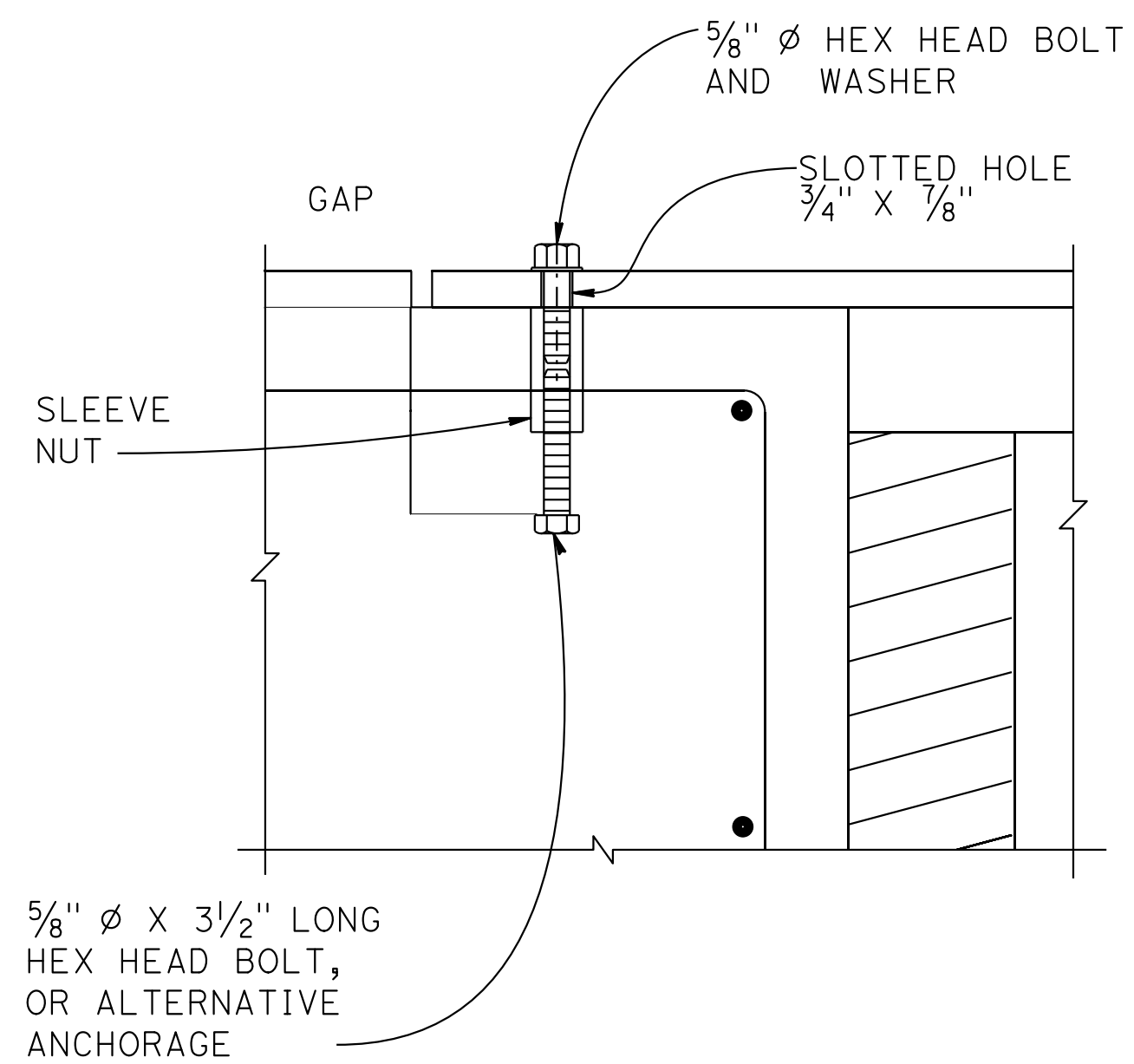
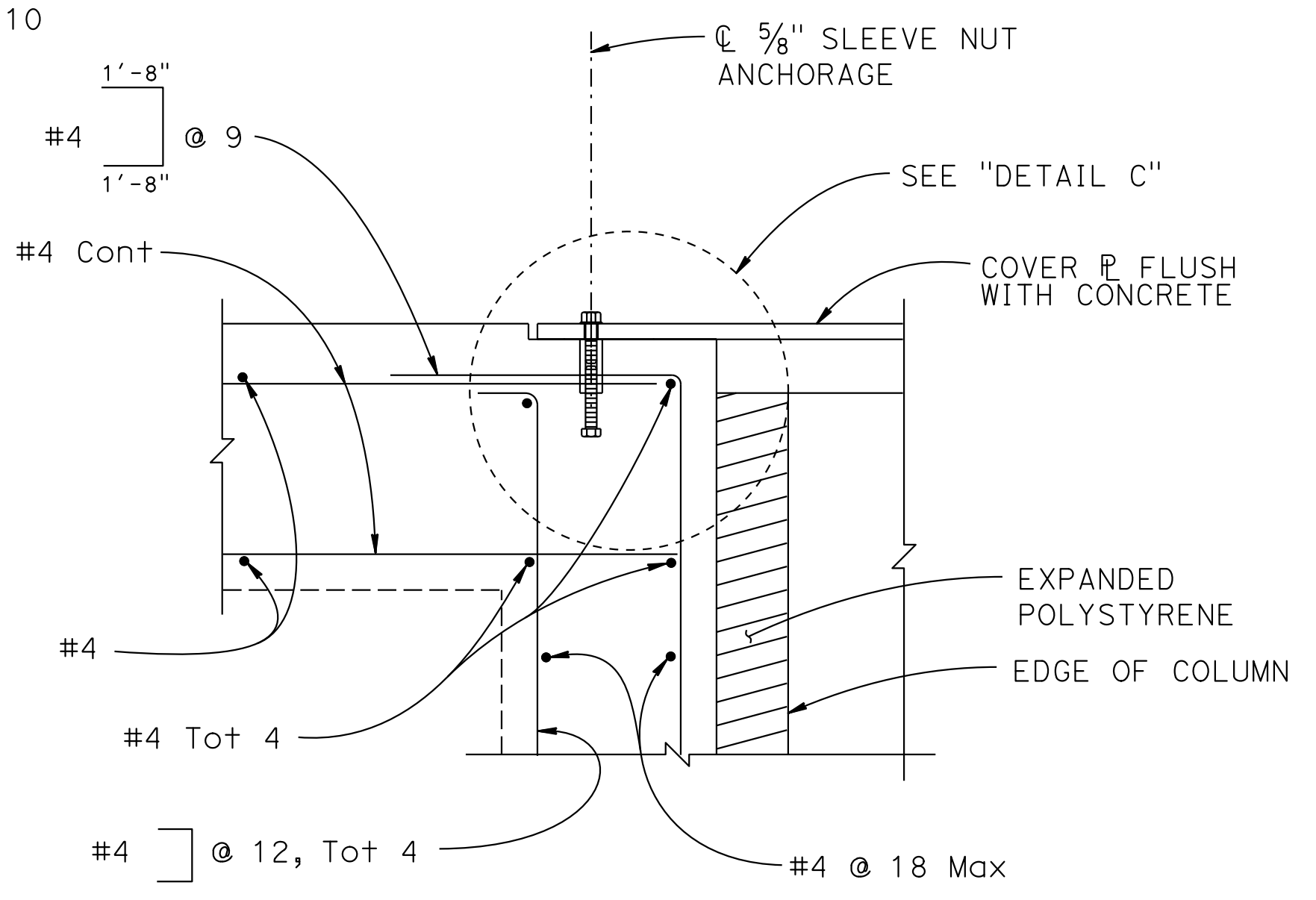
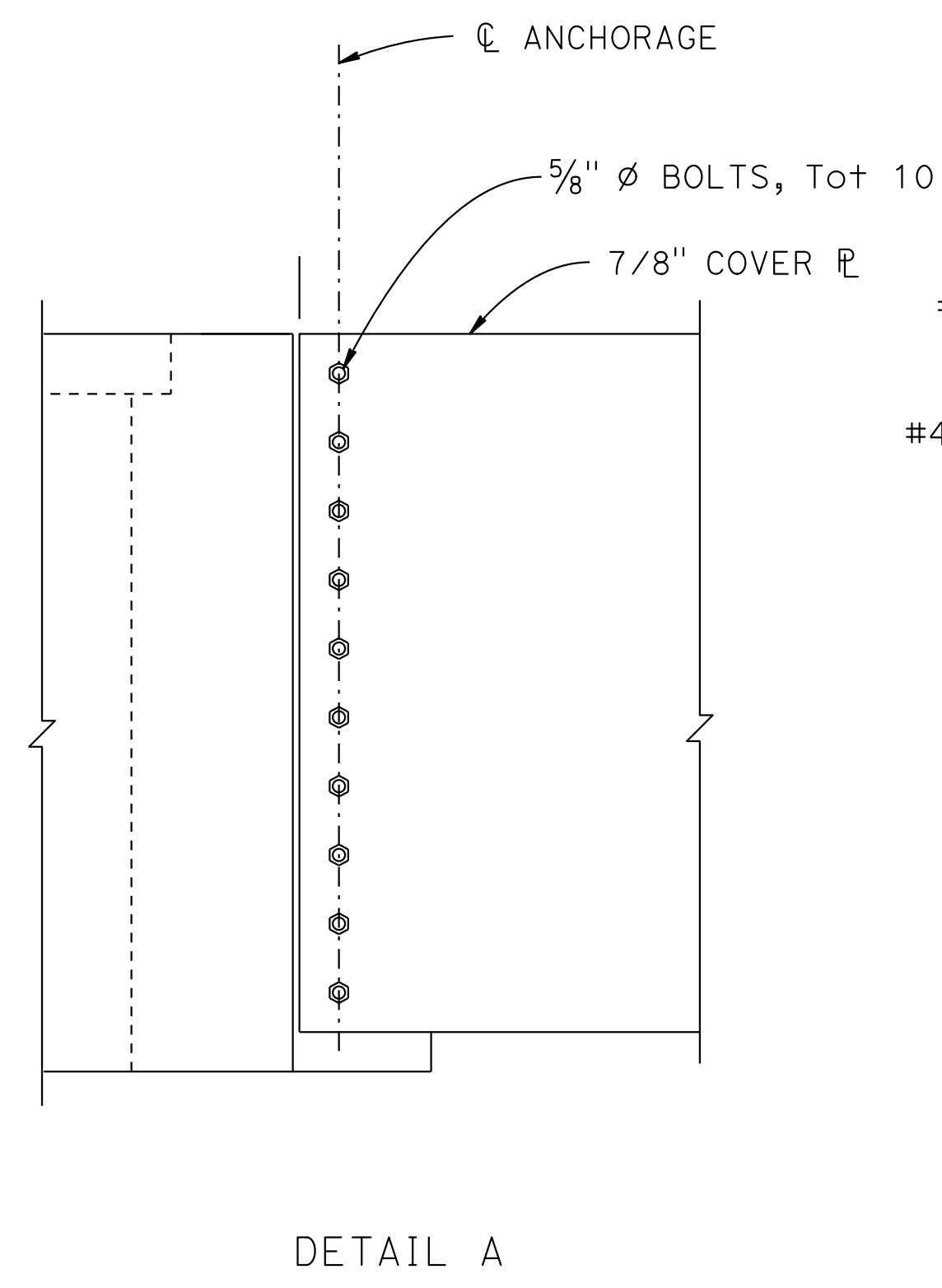
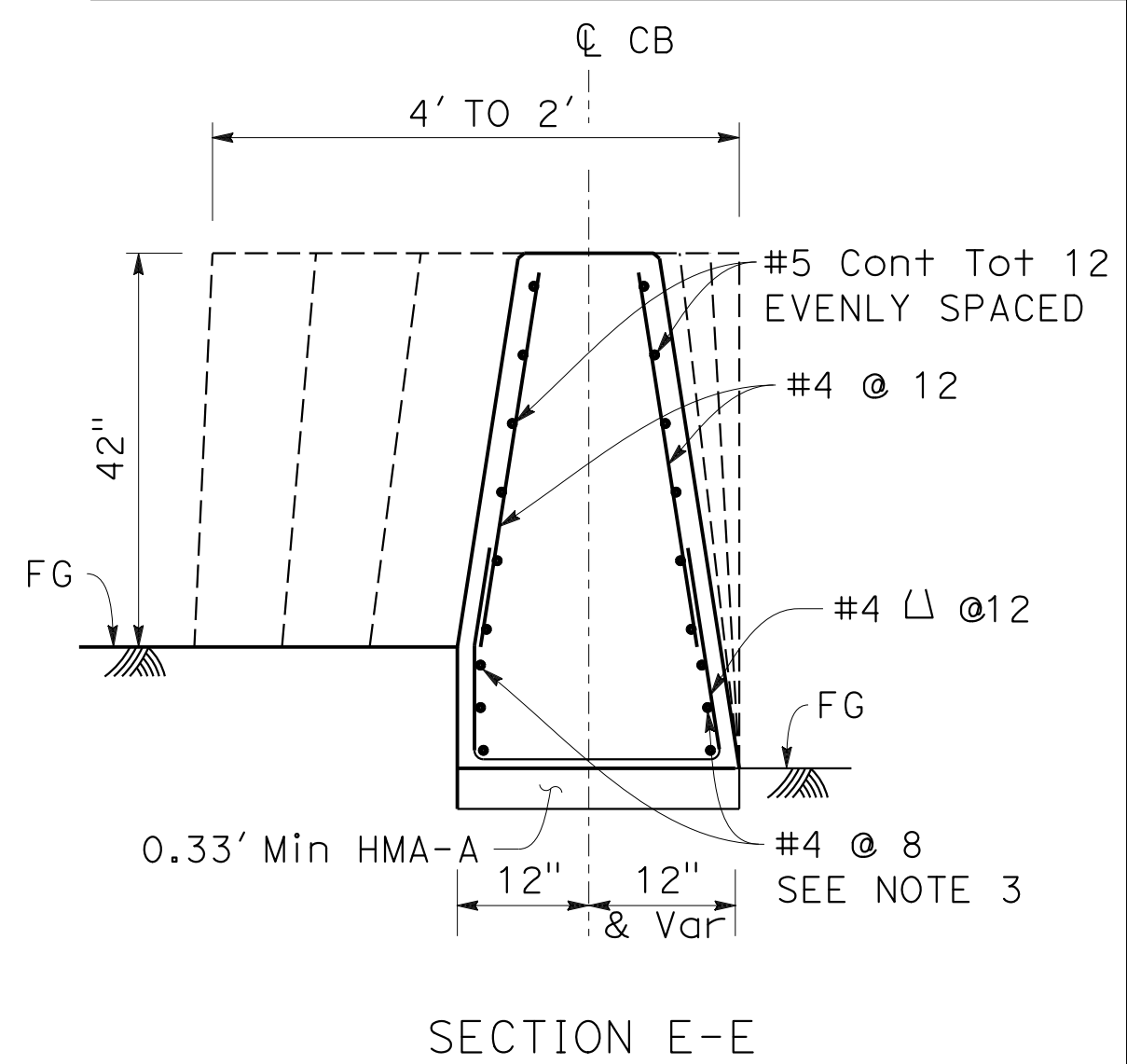
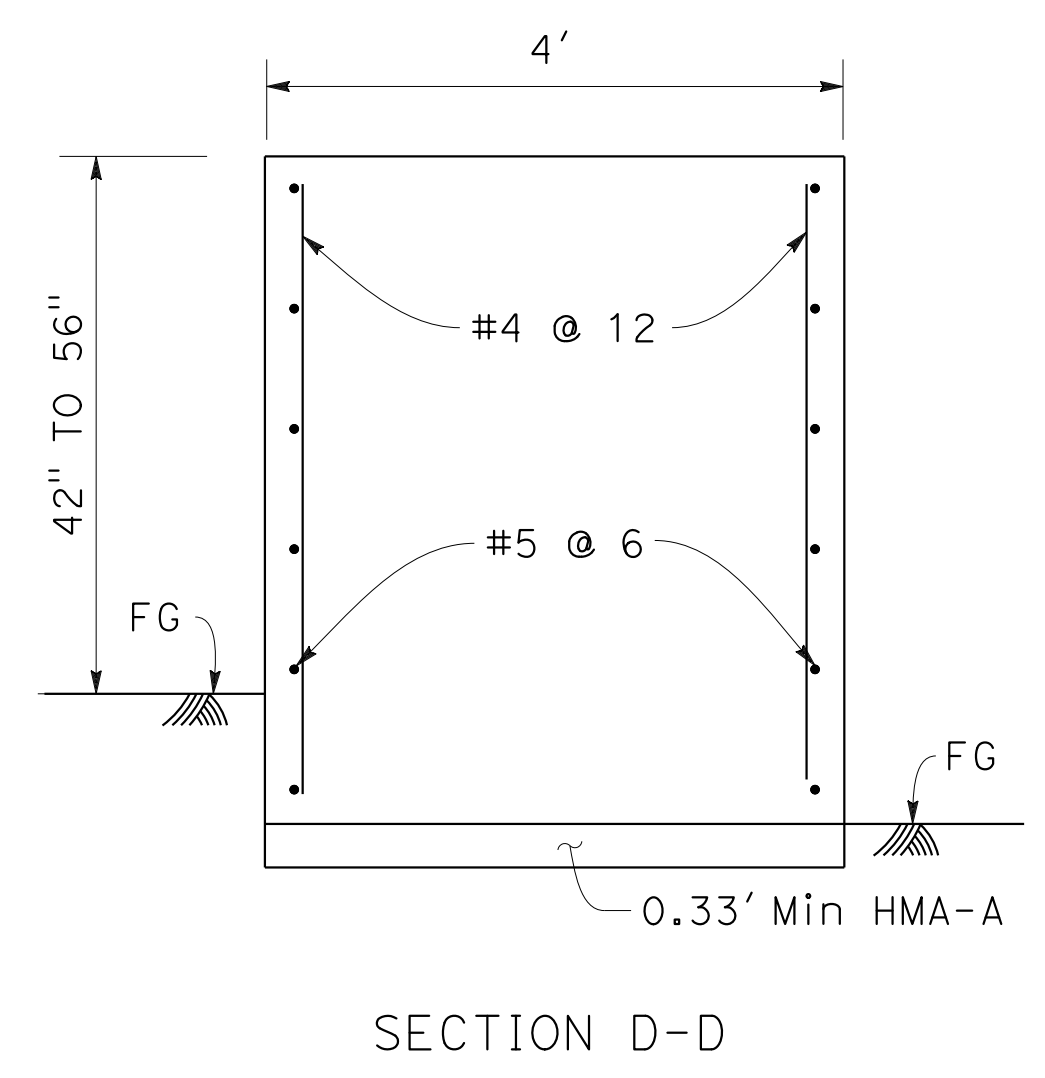
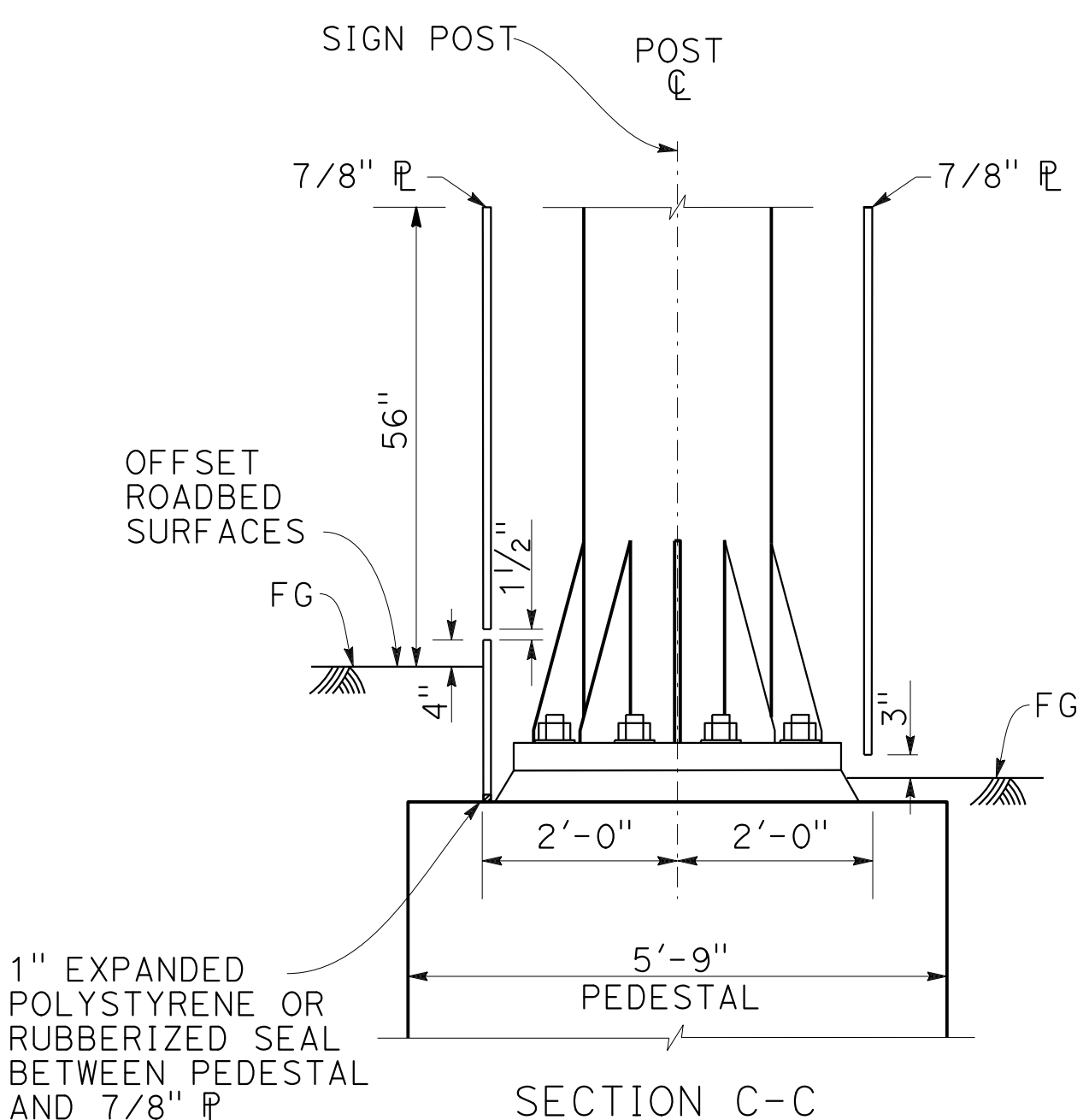
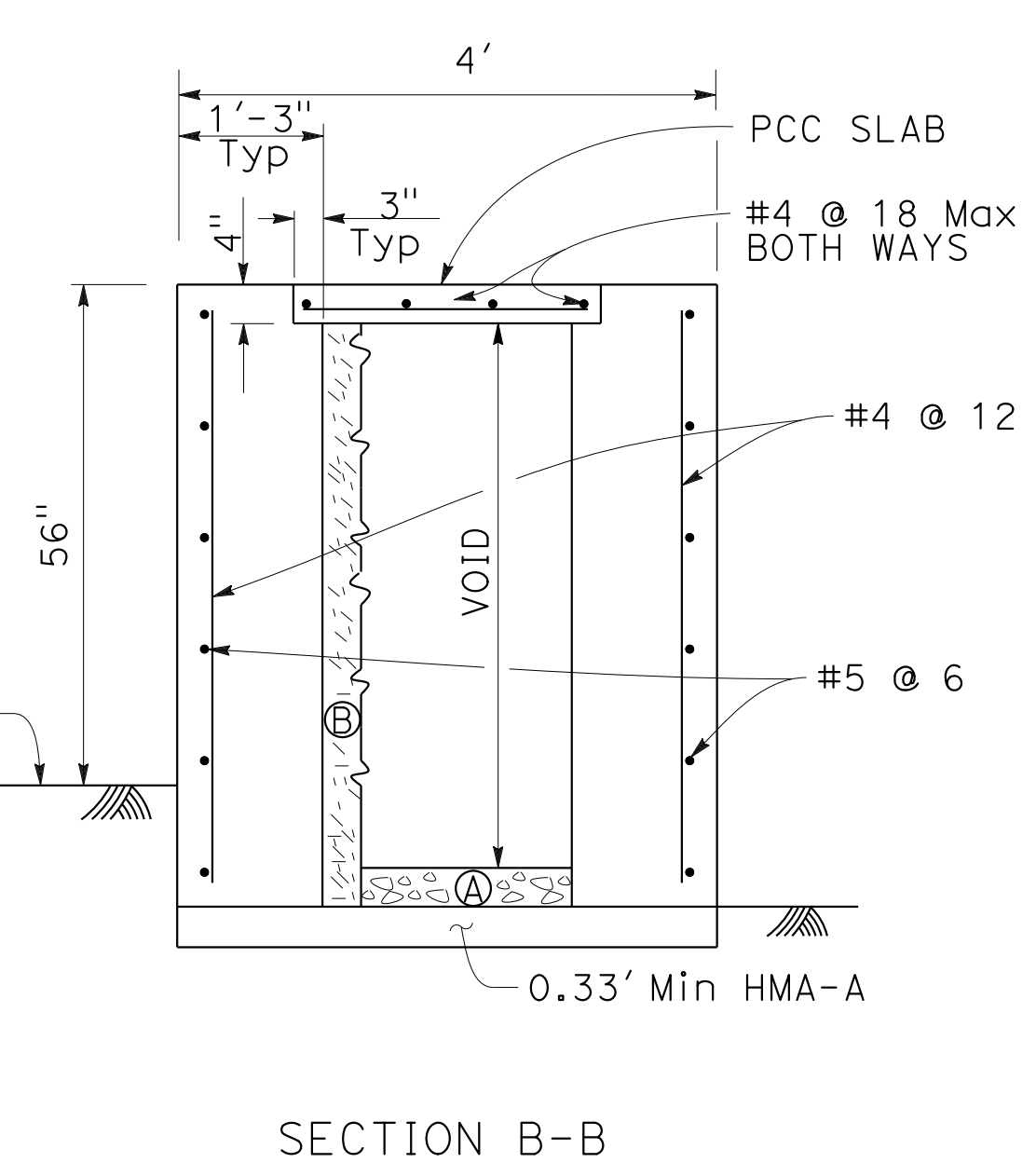
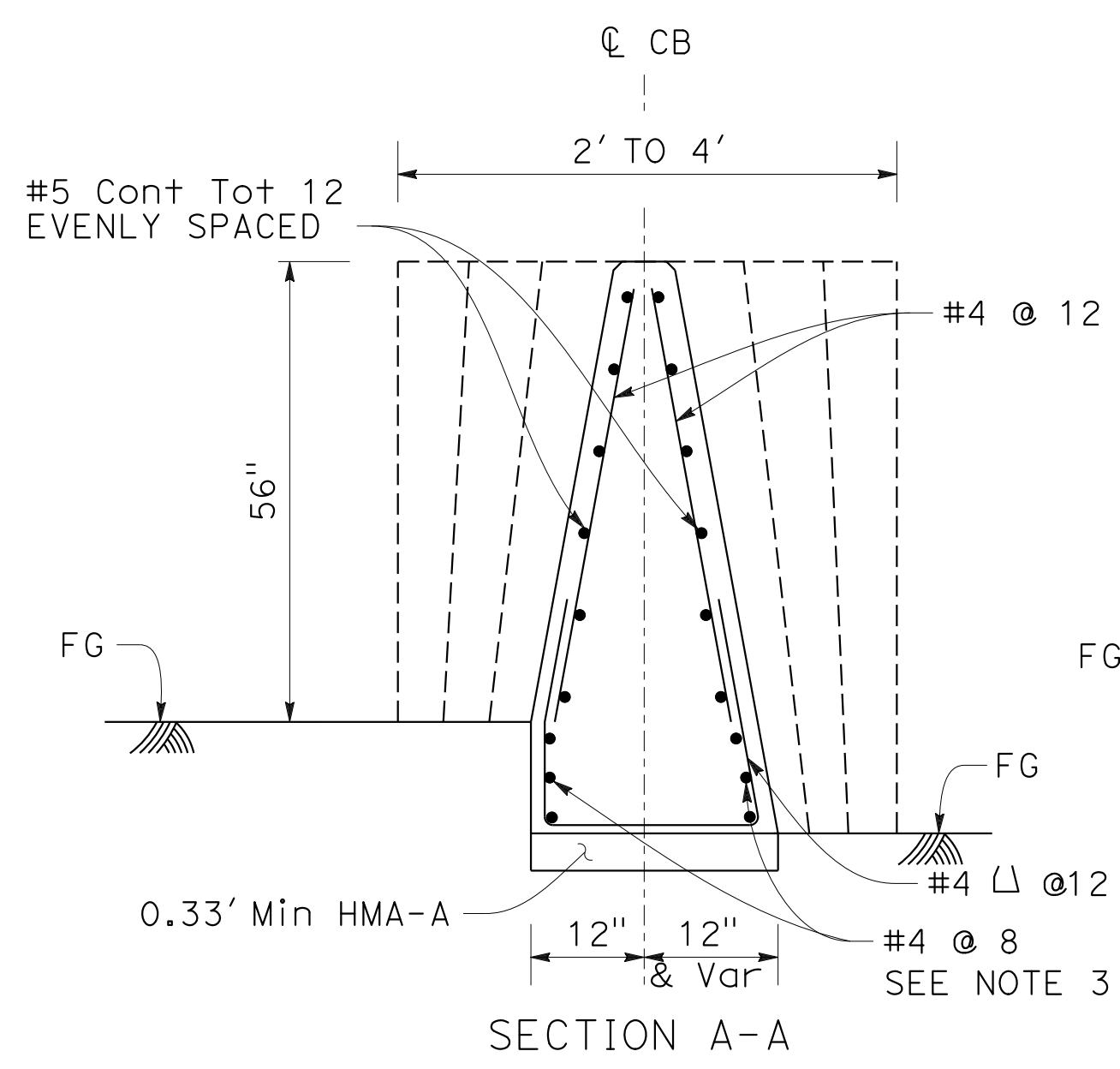
CONSTRUCTION DETAILS
NO SCALE

C-65

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21
 USERNAME => p302438
 DGN FILE => 0420000235ga065.dgn
 BORDER LAST REVISED 7/2/2010
 RELATIVE BORDER SCALE IS IN INCHES
 UNIT 0733
 PROJECT NUMBER & PHASE 04200002351
 LAST REVISION DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:40



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	140	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



NOTES:

- STRUCTURAL STEEL SHALL BE ASTM A709/A709M GRADE 50 UNLESS OTHERWISE NOTED.
- VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
- FOR ROADBED SURFACES OFFSET GREATER THAN 1 1/2" AND LESS THAN OR EQUAL TO 3", NO REBARS REQUIRED. FOR ROADBED SURFACES OFFSET GREATER THAN 3" AND LESS THAN OR EQUAL TO 8", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 8" AND LESS THAN OR EQUAL TO 12", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT 8" ABOVE THE LOWER ROADBED SURFACE. FOR ROADBED SURFACES OFFSET GREATER THAN 12" AND LESS THAN OR EQUAL TO 36", USE TWO #4 REBARS AT 3" ABOVE THE LOWER ROADBED SURFACE AND TWO #4 REBARS AT EVERY 8" INCREMENT VERTICAL SPACING ABOVE THE FIRST TWO #4 REBARS.
- CONTRACTOR OPTIONS FOR FILL BETWEEN BARRIER WALLS
 - Ⓐ PLACE 4" PCC BASE BETWEEN BARRIER WALLS
 - Ⓑ PLACE GRANULAR MATERIAL FROM BASE TO BOTTOM OF 4" CAP.

CONCRETE BARRIER (TYPE 60R Mod B) DETAILS

CONSTRUCTION DETAILS
NO SCALE

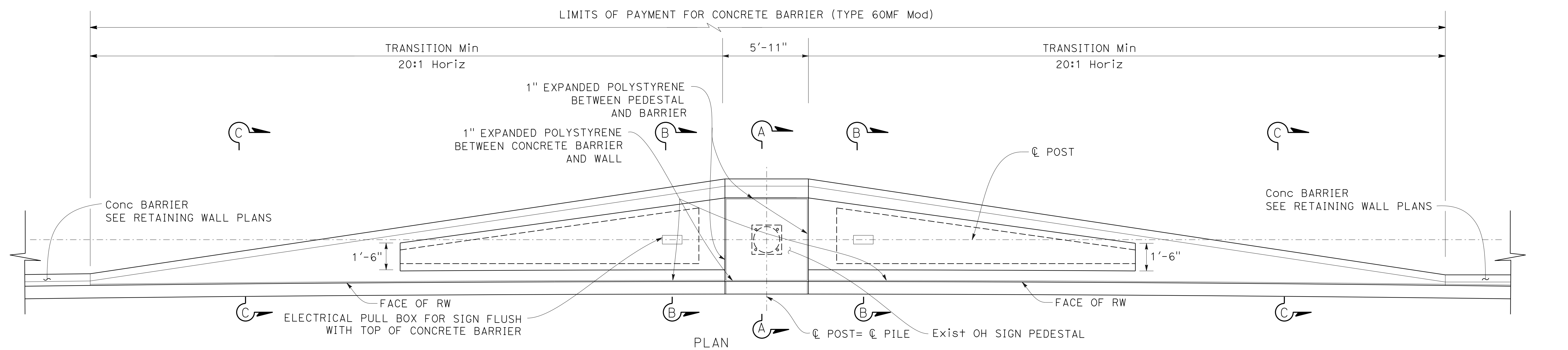
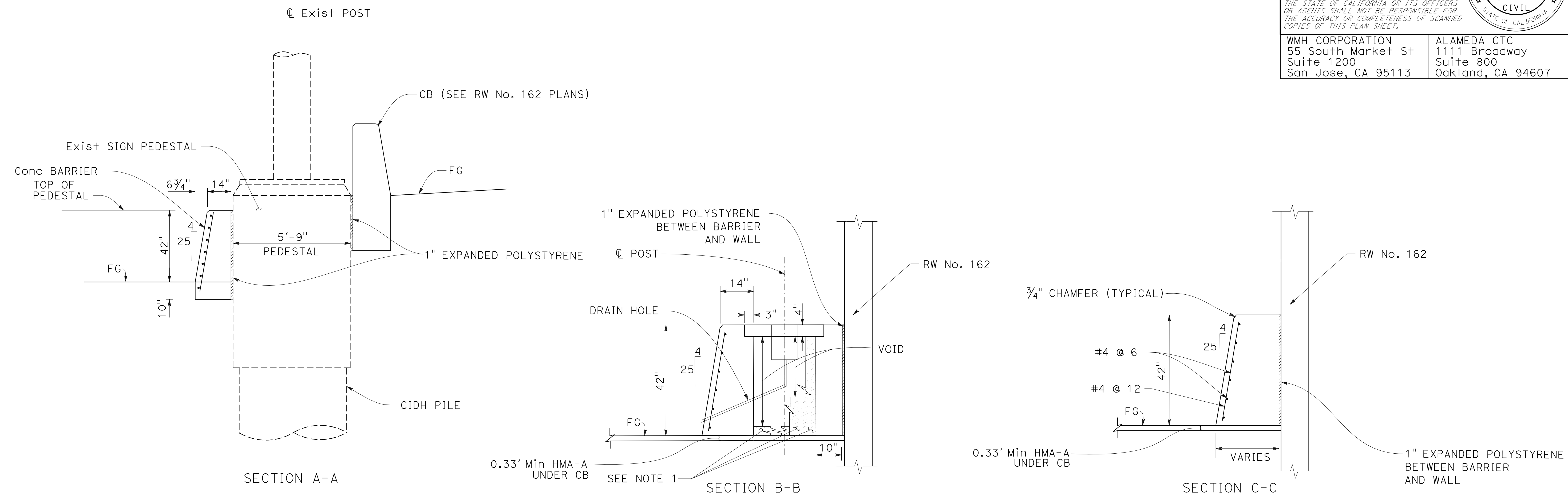
C-67

O:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga067.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR
 CHARLIE CHRES
 JOHN NGUYEN
 TIMOTHY J. LEE
 CC
 9-29-21
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	141	1710
REGISTERED CIVIL ENGINEER			DATE	9-29-21	
October 8, 2021			PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTES:

- FOR FILL MATERIAL BETWEEN CONCRETE BARRIER WALLS AND OTHER INFORMATION NOT SHOWN, SEE STANDARD PLAN A76C
- FOR ELECTRICAL PULL BOX DETAIL, SEE SHEET C-70.



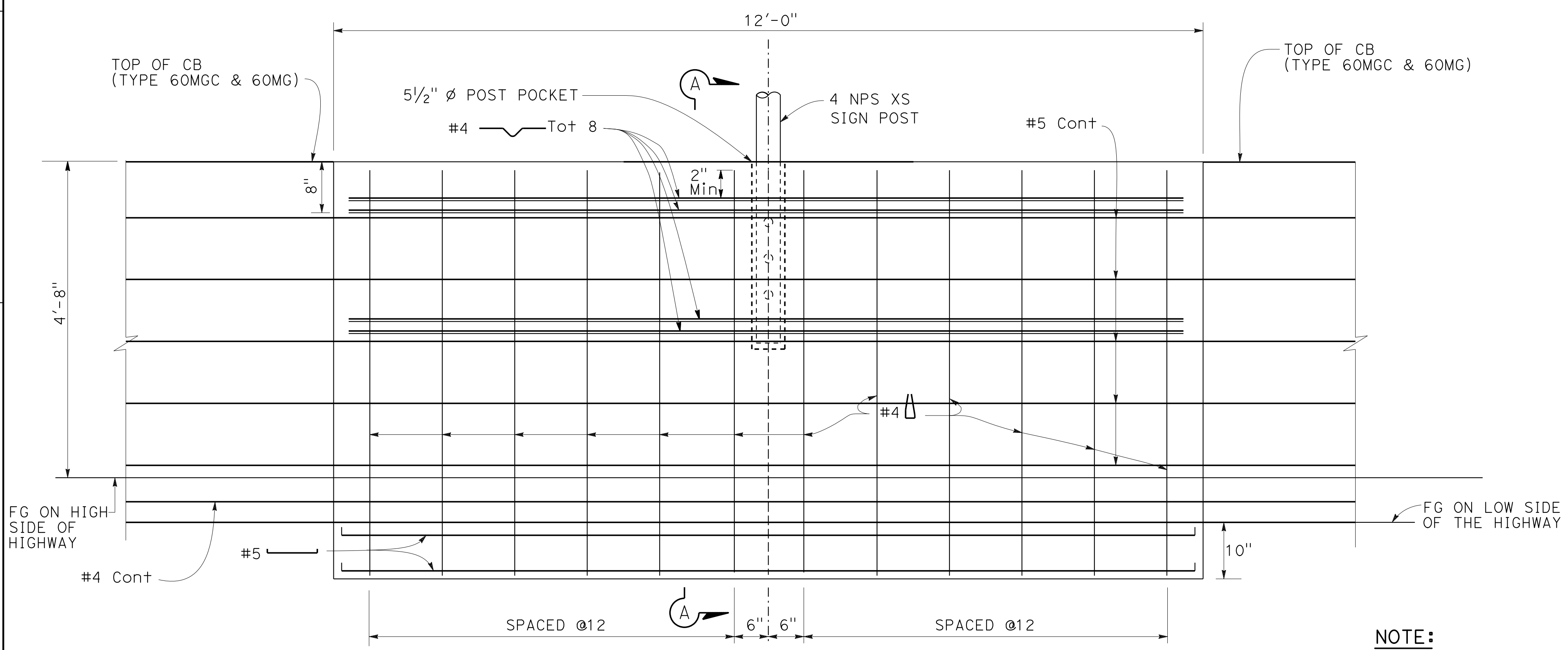
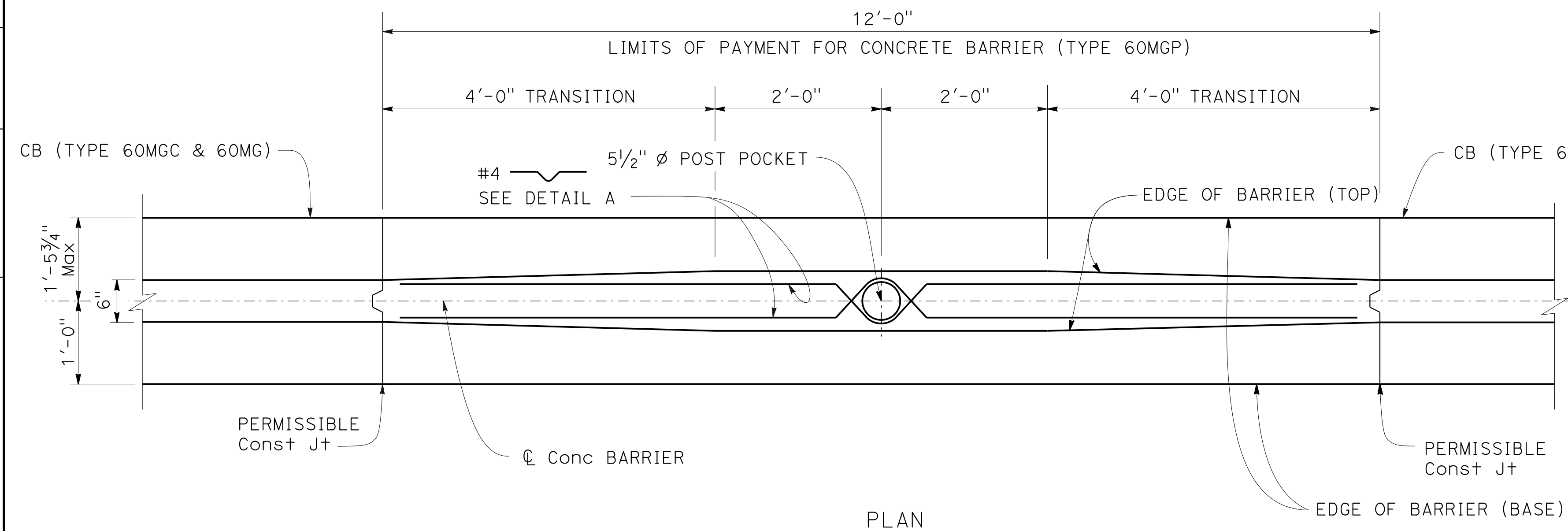
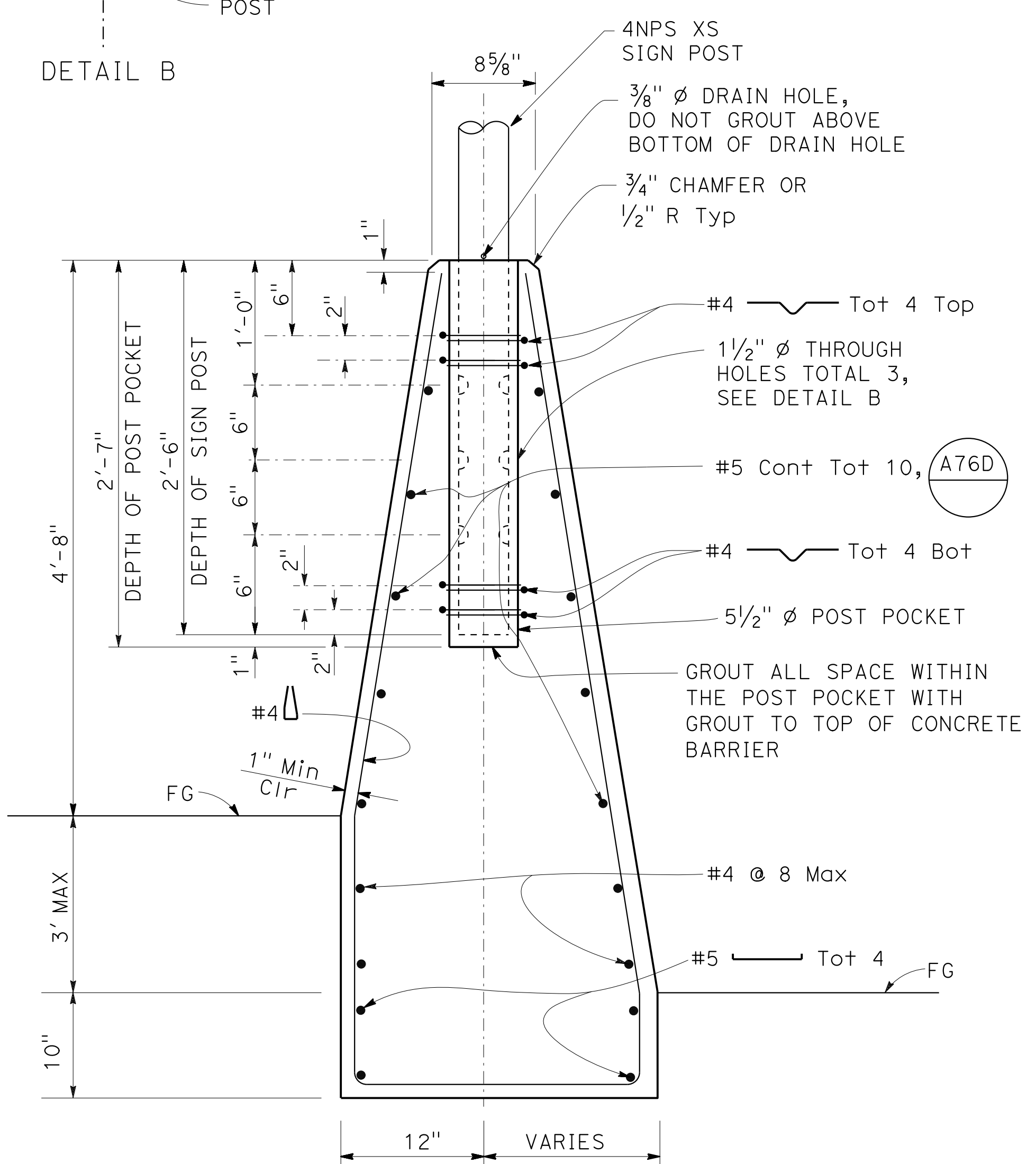
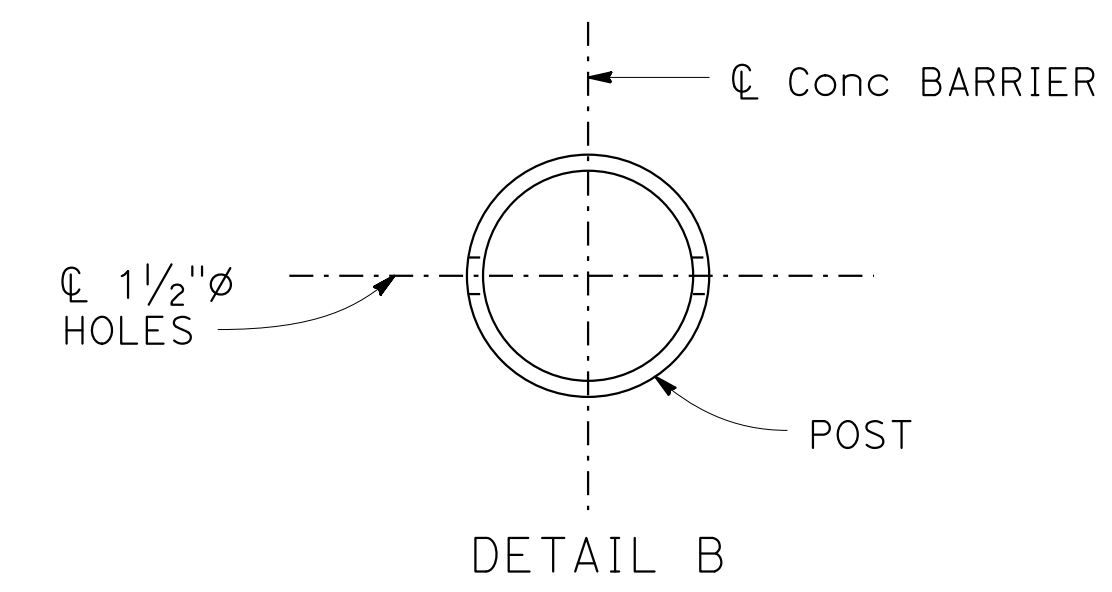
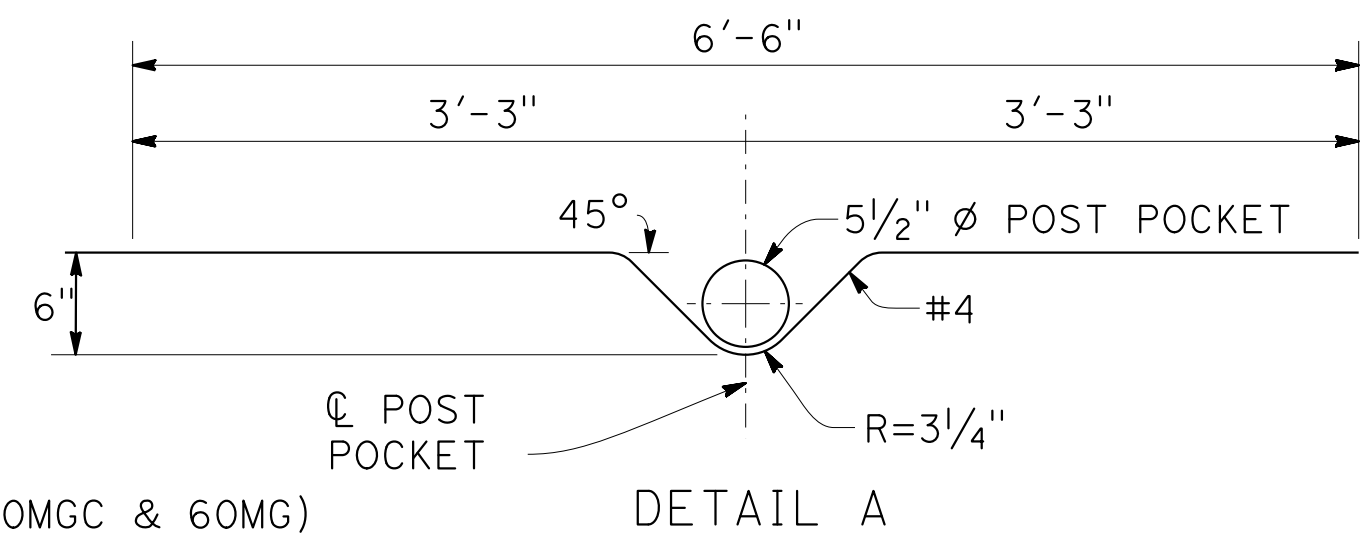
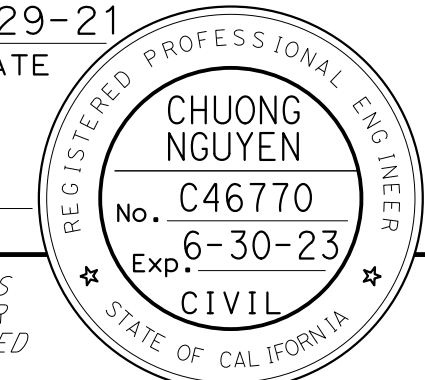
CONCRETE BARRIER (TYPE 60MF Mod)
"I-680" 166+76±

CONSTRUCTION DETAILS
NO SCALE

C-68

O:\0030\UDRAFTING\FINAL_P58E\0420000235ga068.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans
 CONSULTANT - FUNCTIONAL SUPERVISOR
 TIMOTHY J. LEE
 CALCULATED-DESIGNED BY
 CHECKED BY
 JOHN NGUYEN
 REVISOR
 DATE REVISED
 9-29-21
 CC

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	142	1710
			REGISTERED CIVIL ENGINEER	DATE	
			9-29-21		
			October 8, 2021		
			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.		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



ELEVATION
CONCRETE BARRIER (TYPE 60MGP)

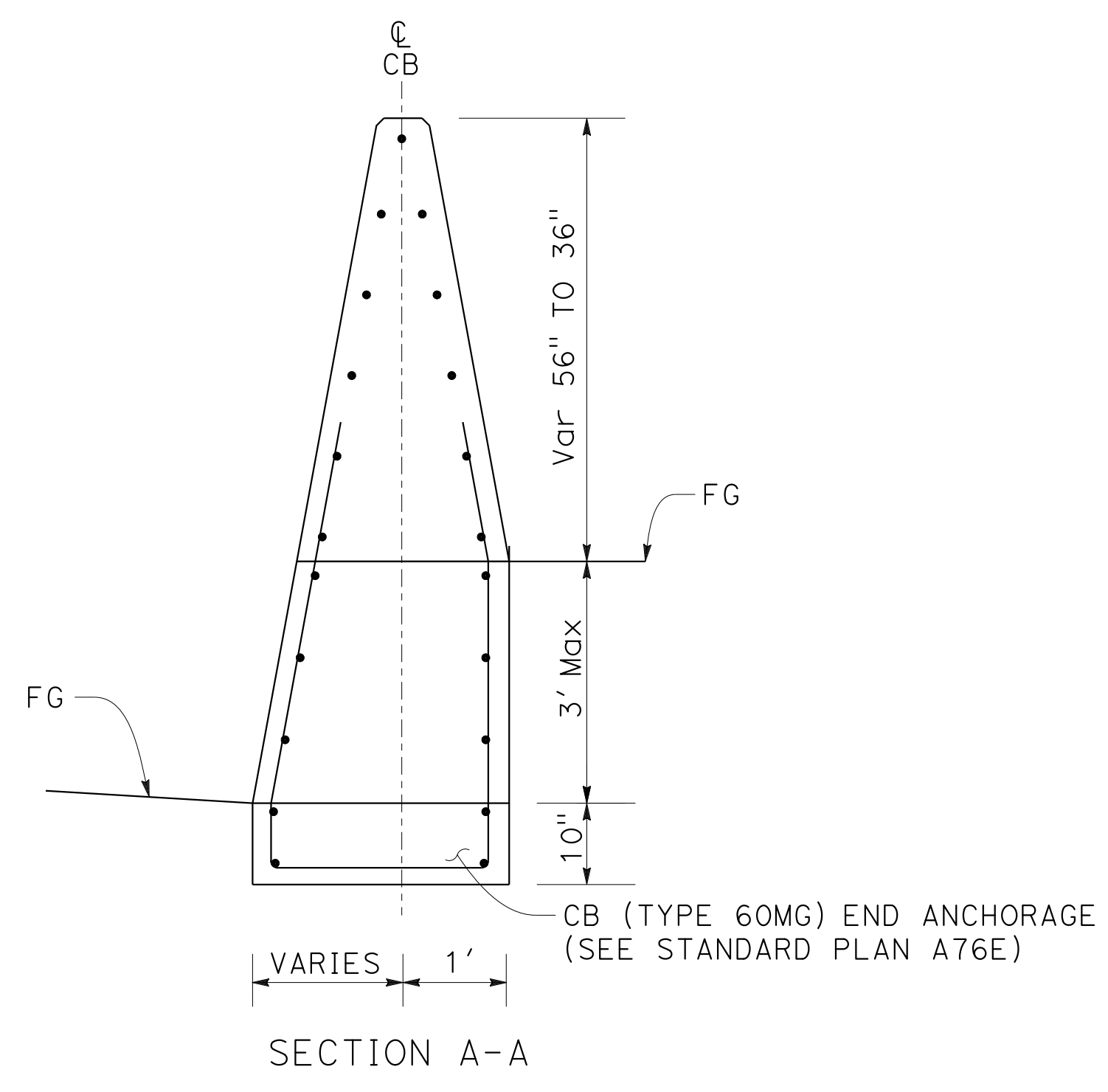
NOTE:
FOR TYPE 60MGC BARRIER CROSS SECTION SEE Std PLAN A76D

CONSTRUCTION DETAILS
NO SCALE

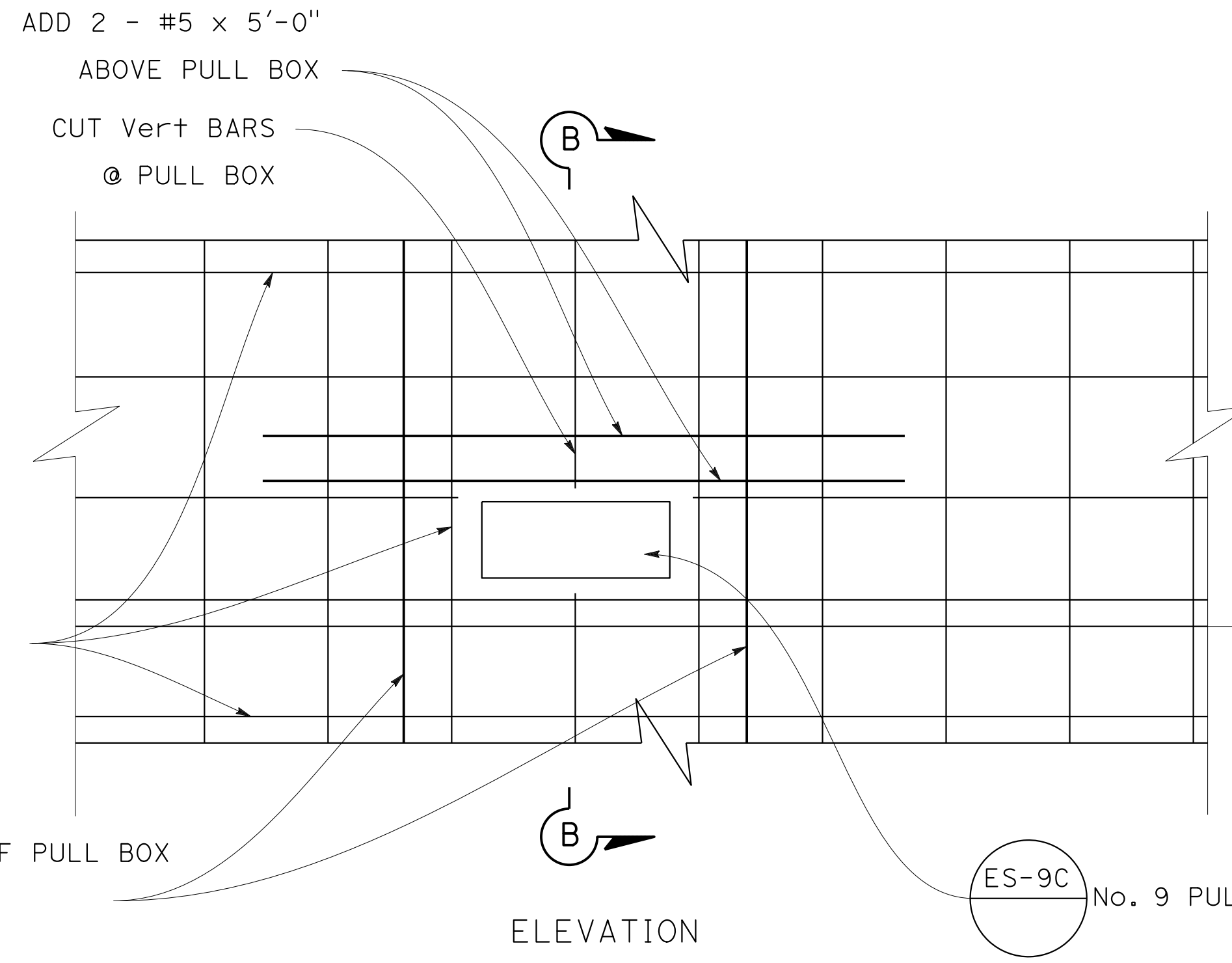
C-69

0:\0030\DRAWING\FINAL_P58E\0420000235ga069.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT - FUNCTIONAL SUPERVISOR
 CHARLIE CHRES
 JOHN NGUYEN
 TIMOTHY J. LEE
 CC
 9-29-21
 REVISOR
 DATE REVISOR
 CHECKED BY
 DESIGNED BY
 CALCULATED BY
 SUPERVISOR

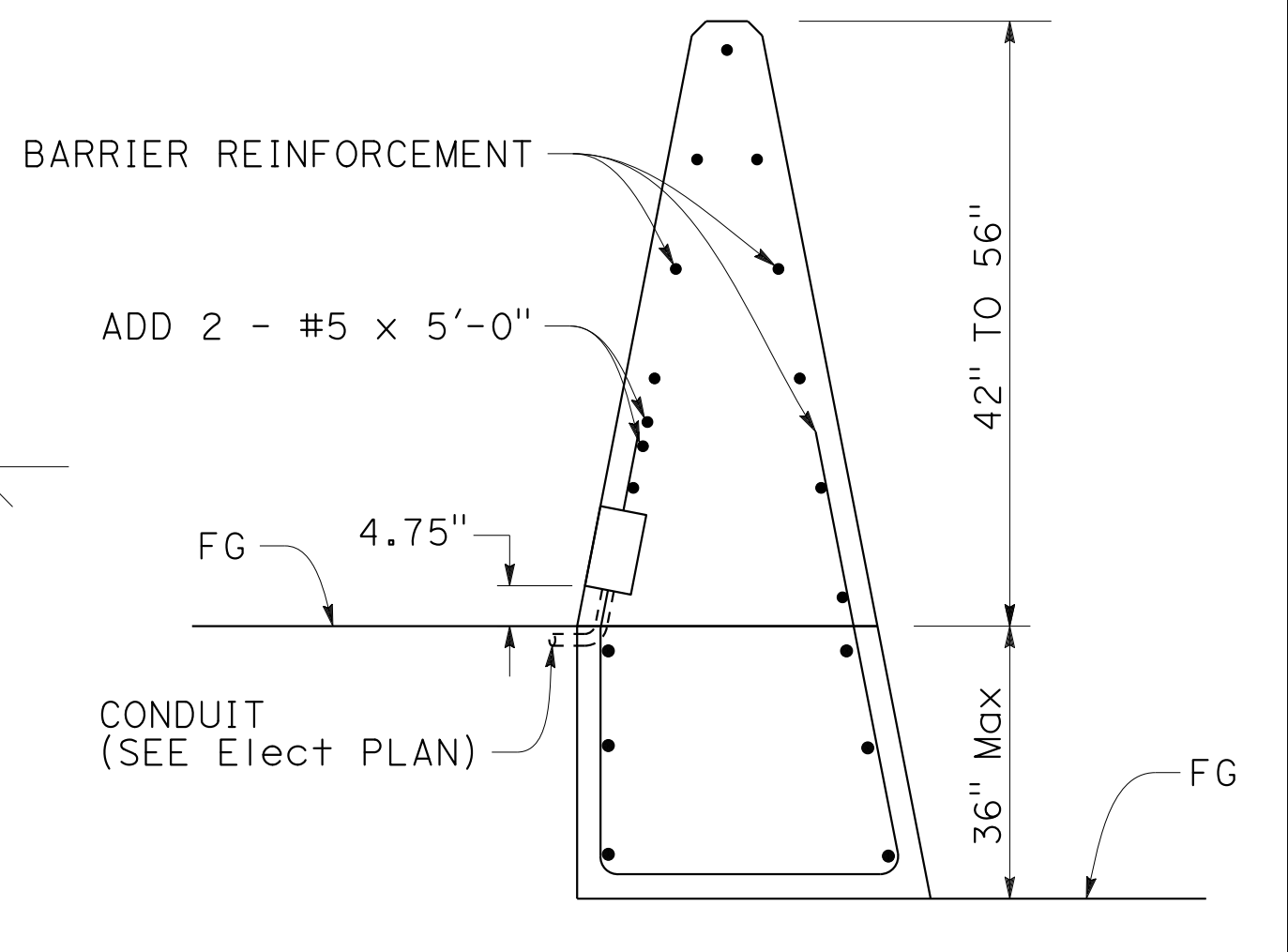
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	143	1710
REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



SECTION A-A

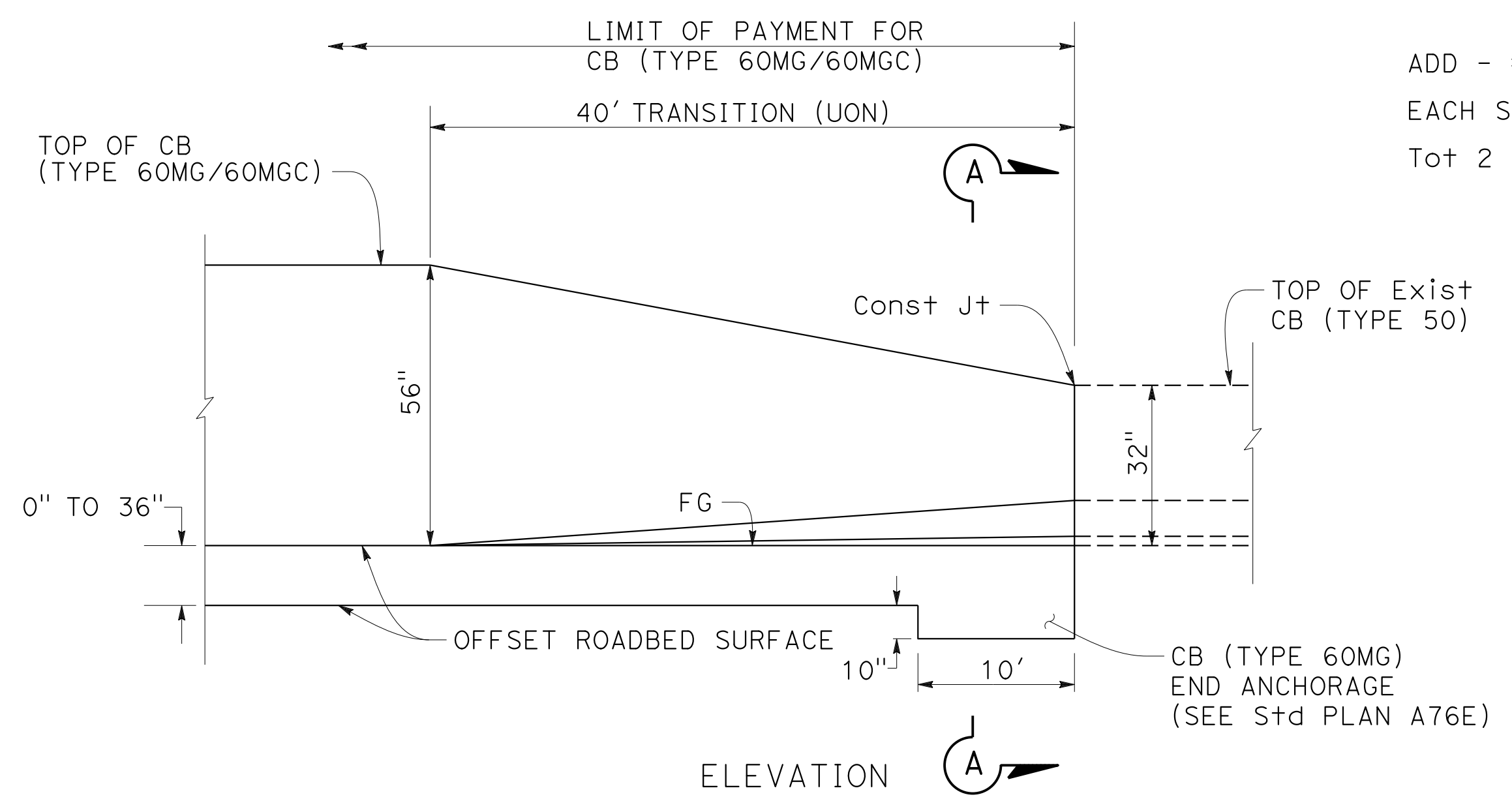


ELEVATION

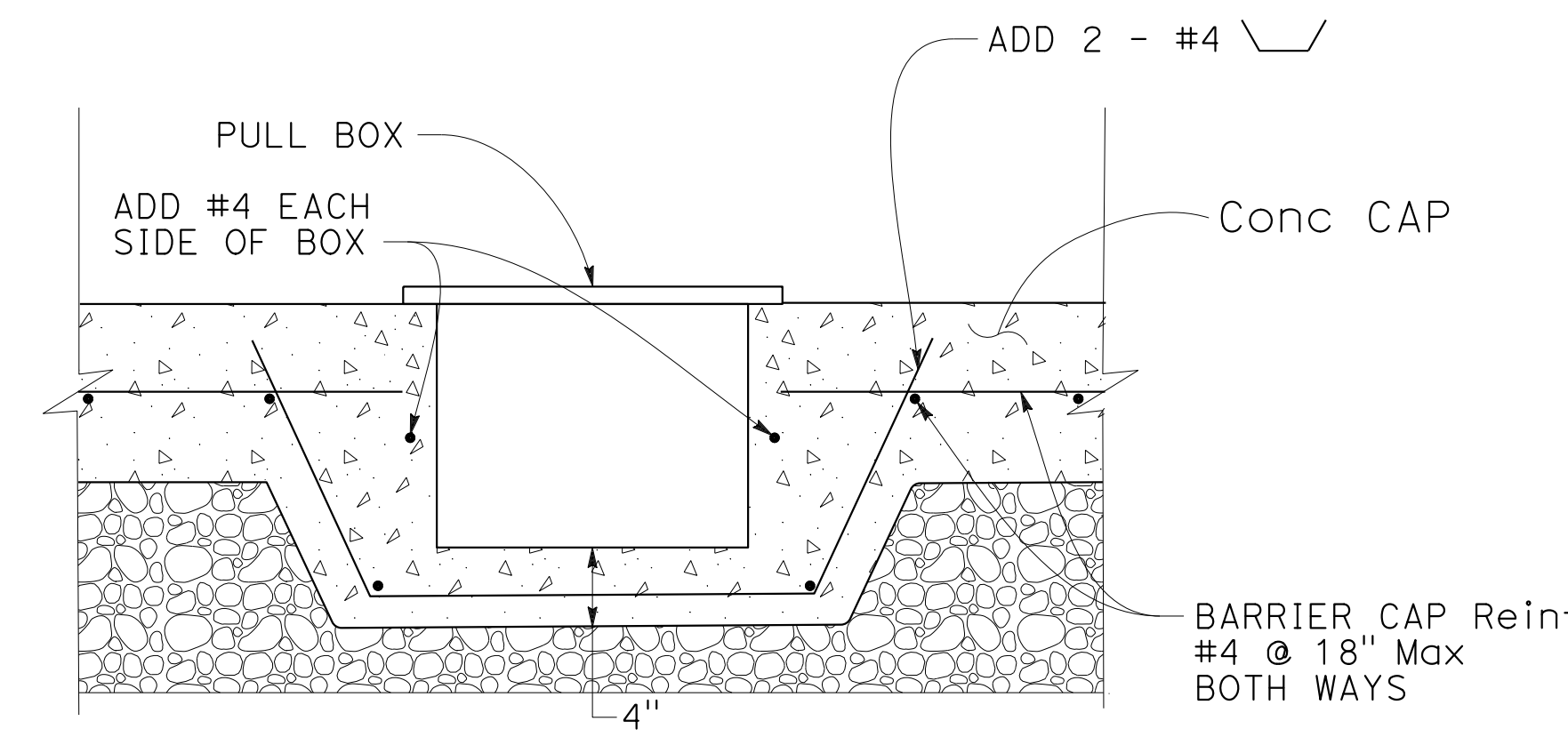


SECTION B-B

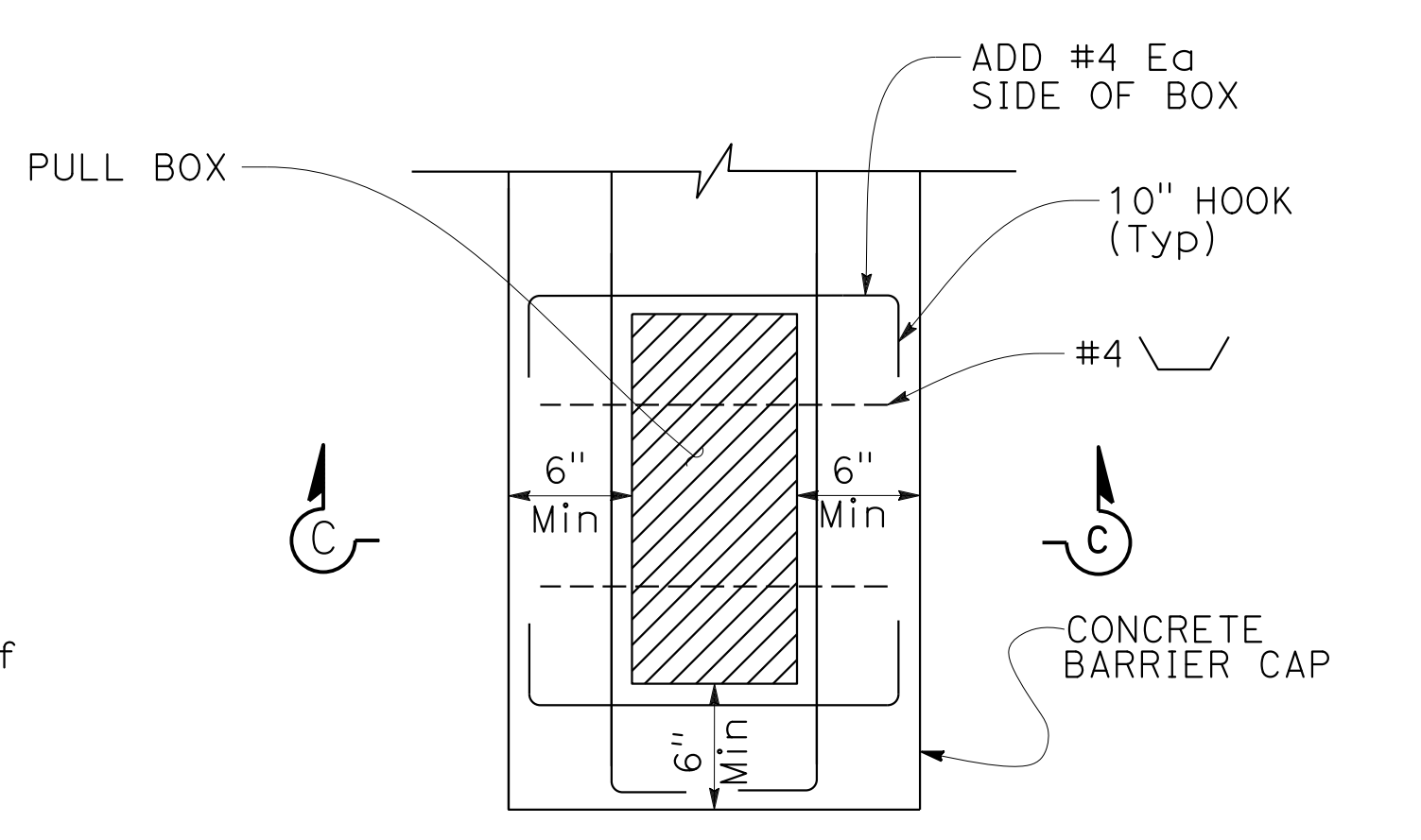
PULL BOX INSTALLATION AT CB (TYPE 60M/60MC/60MG/60MGC)



ELEVATION

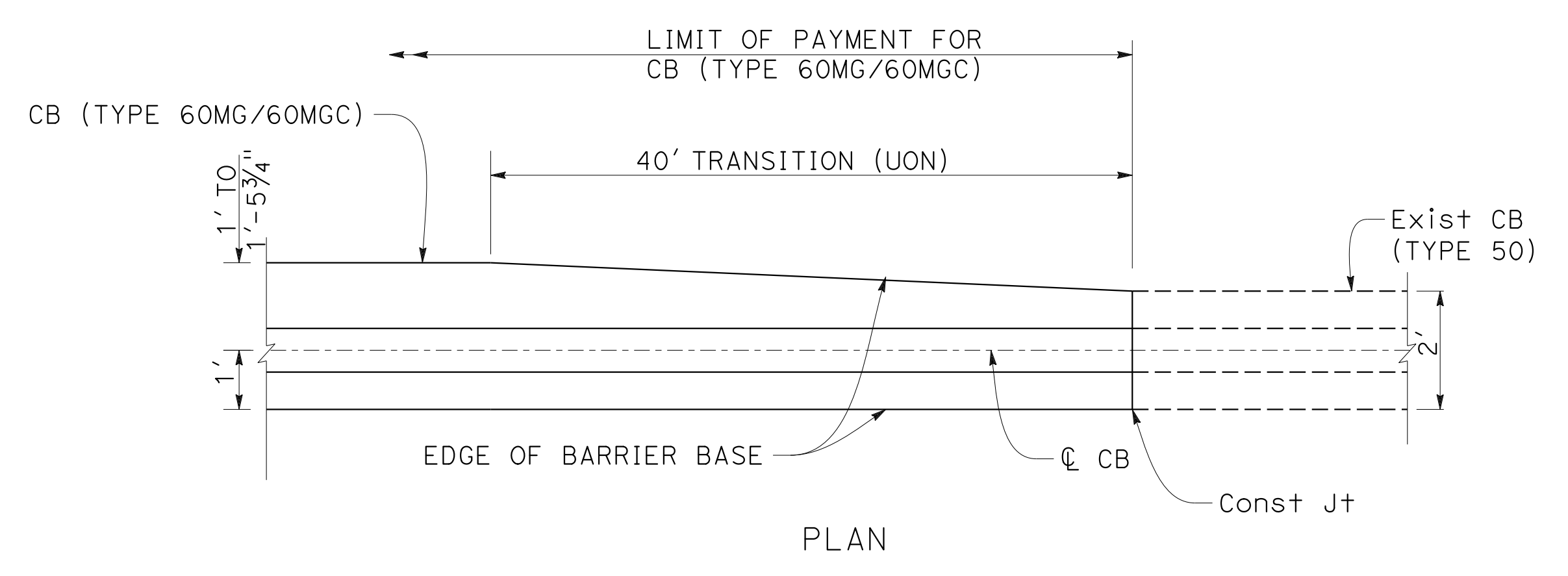


SECTION C-C



PLAN

PULL BOX SUPPORT DETAIL ON BARRIER CAP



PLAN


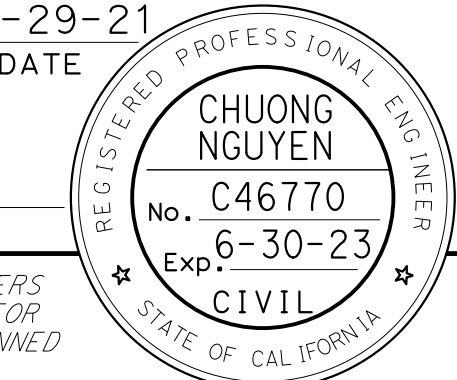
CB (TYPE 60MG/60MGC) TO Exist CB (TYPE 50) TRANSITION

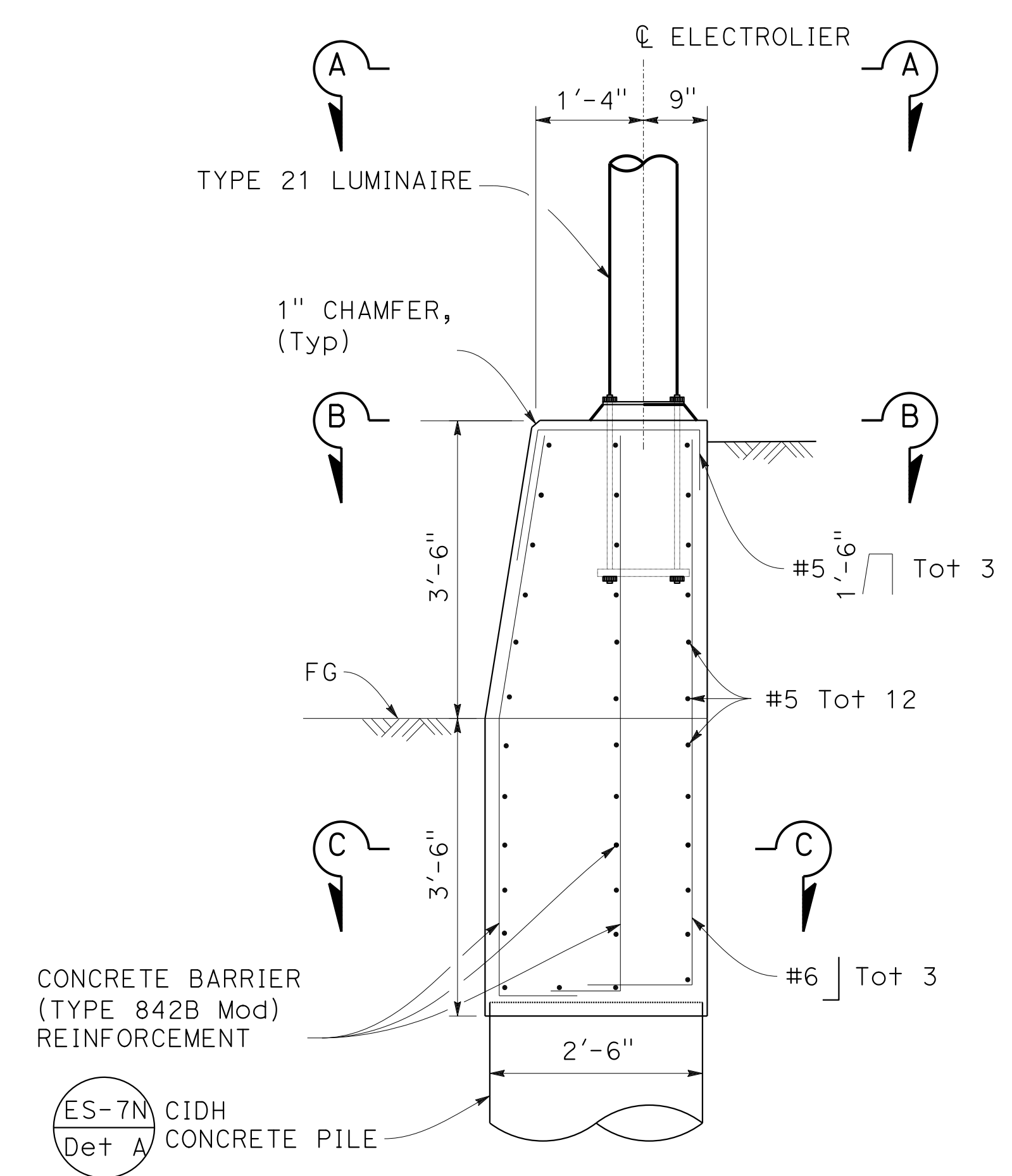
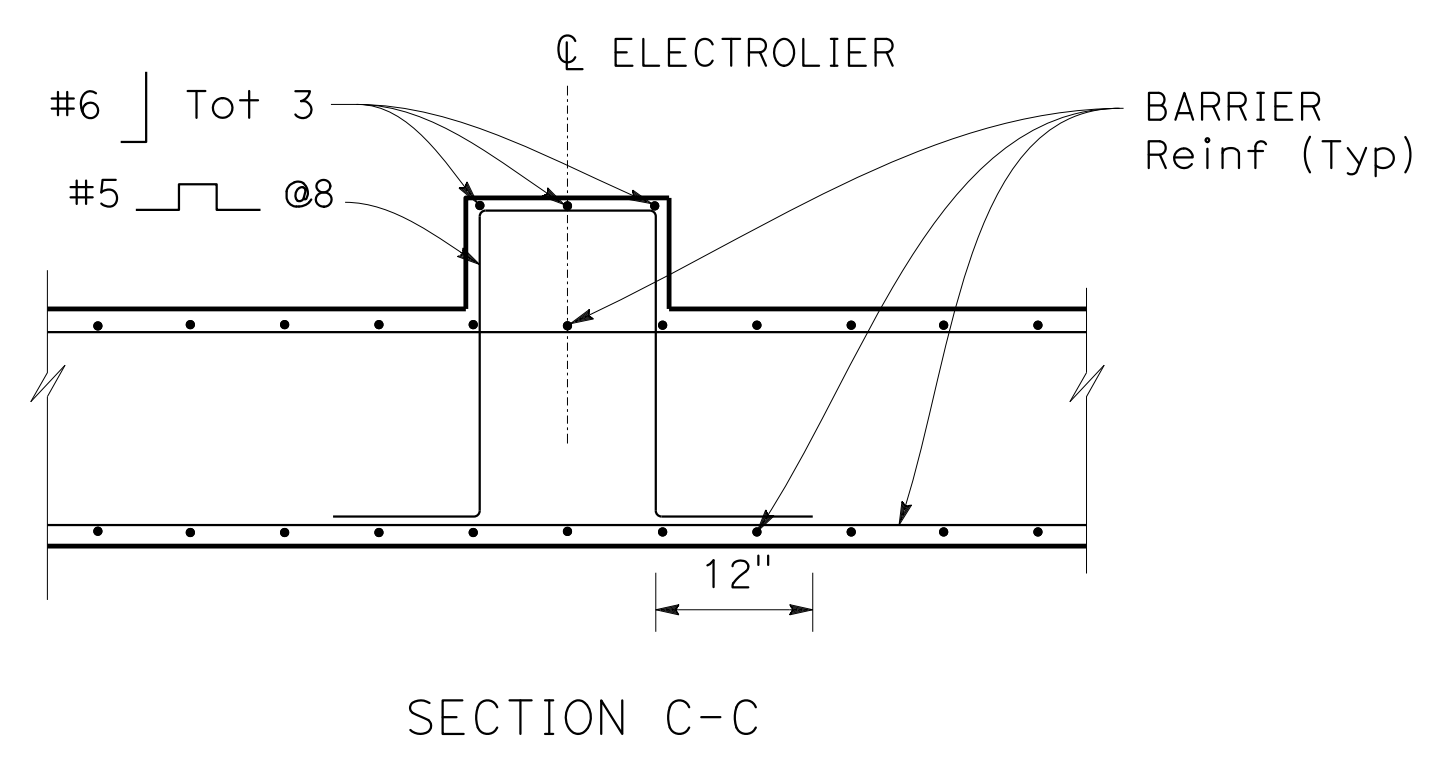
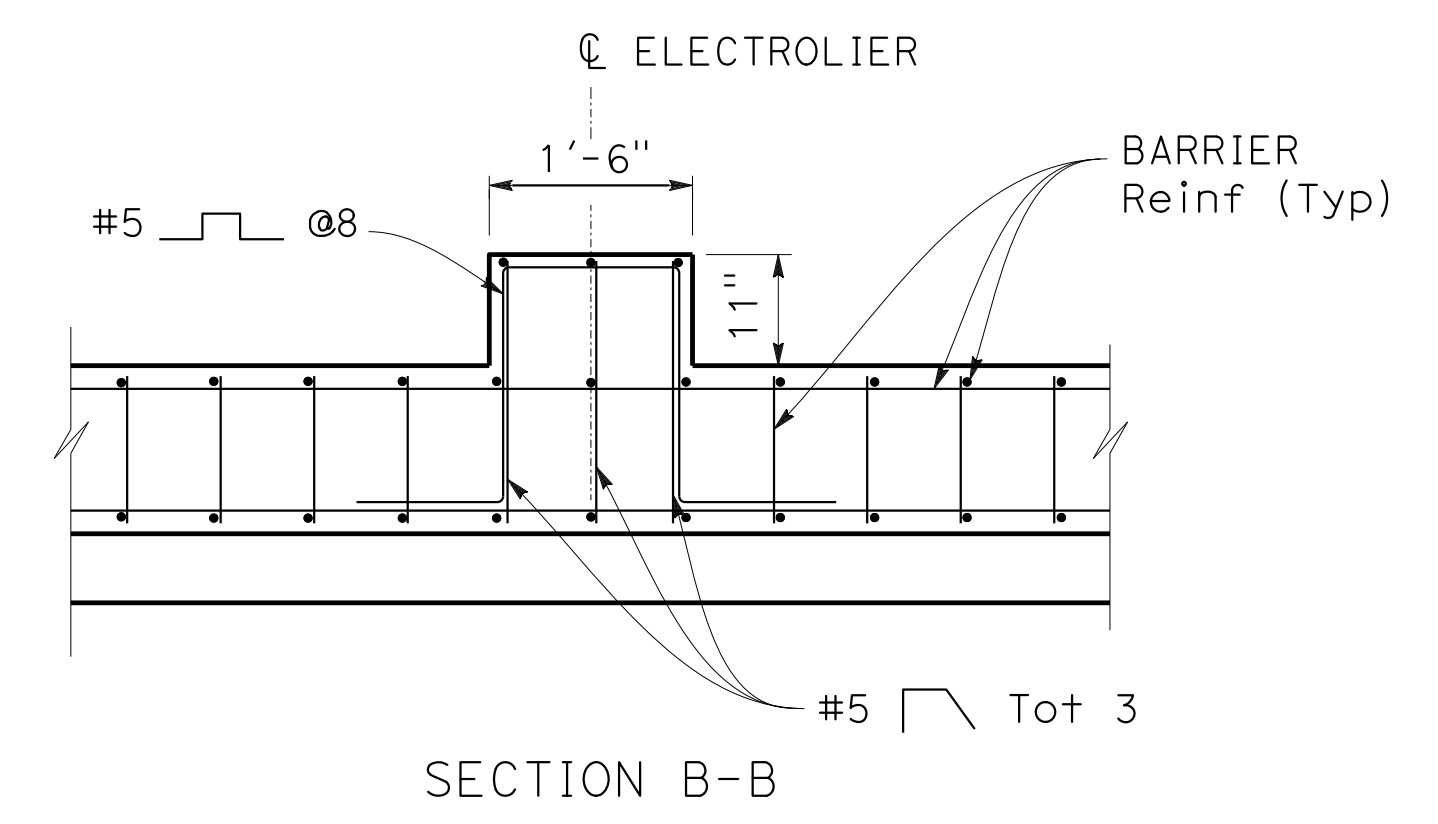
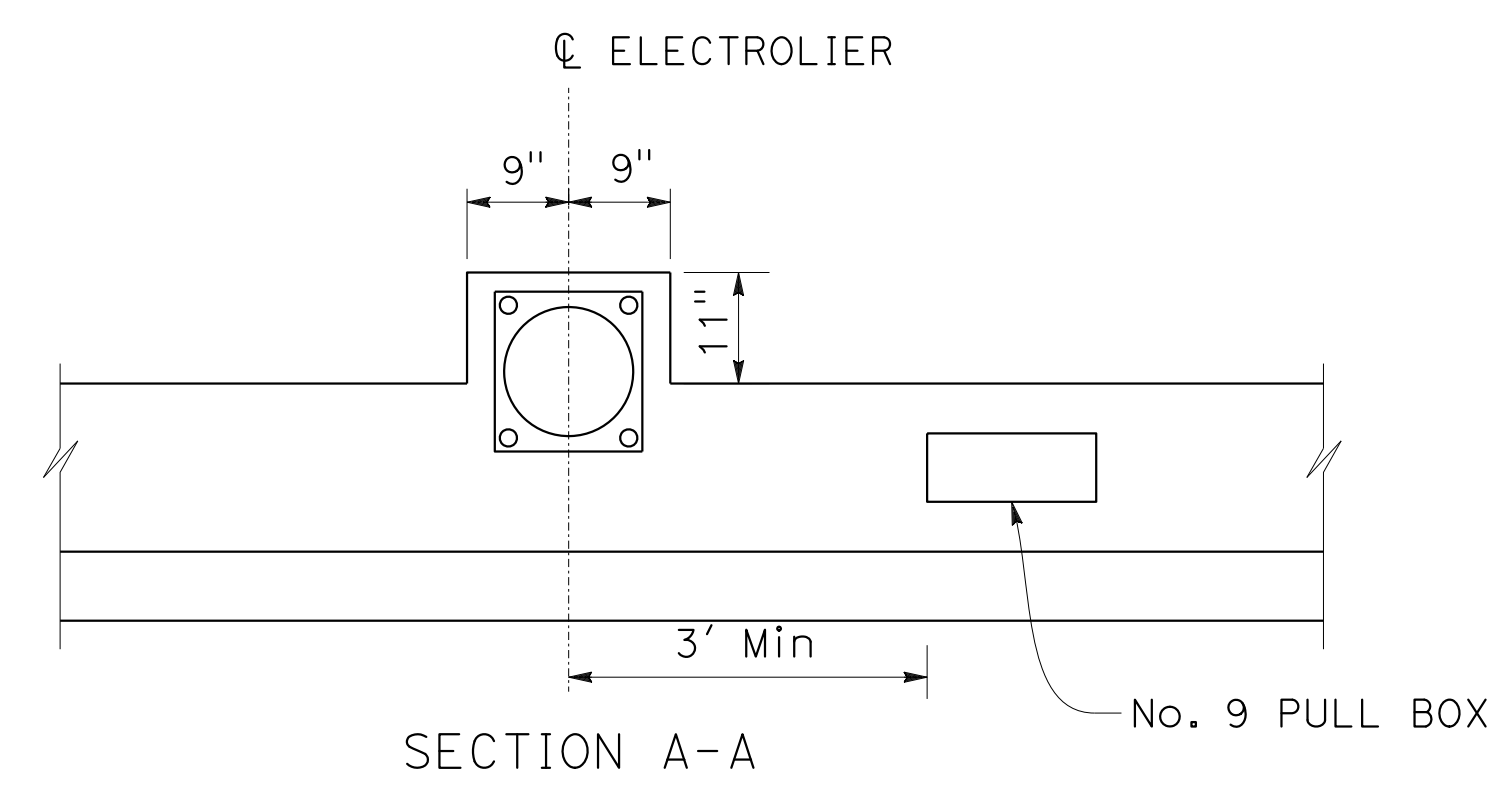
CONSTRUCTION DETAILS NO SCALE

C-70

0:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga070.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHECKED BY:
 CHARLIE CHRES JOHN NGUYEN
 REVISED BY: DATE REVISED: CC 9-29-21
 USERNAME => p302438
 DGN FILE => 0420000235ga070.dgn
 BORDER LAST REVISED 7/2/2010
 RELATIVE BORDER SCALE IS IN INCHES
 UNIT 0733
 PROJECT NUMBER & PHASE 04200002351

LAST REVISION: DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:40

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	145	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 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>					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



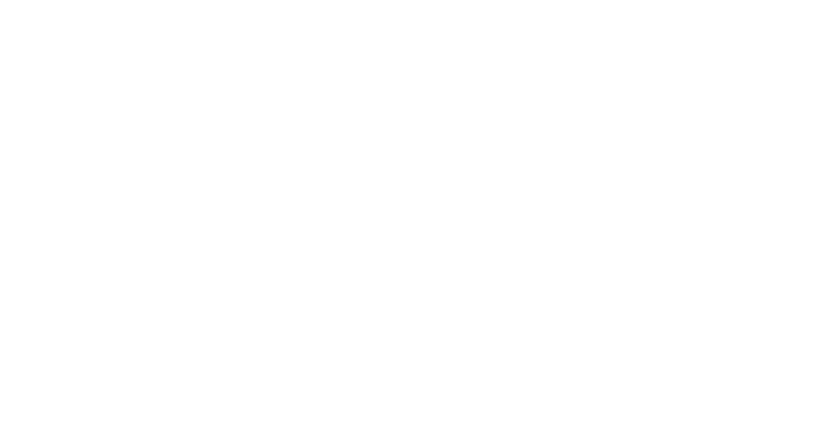
**ELECTROLIER TYPE 21 ON
CONCRETE BARRIER (TYPE 842B Mod)**

CONSTRUCTION DETAILS
NO SCALE

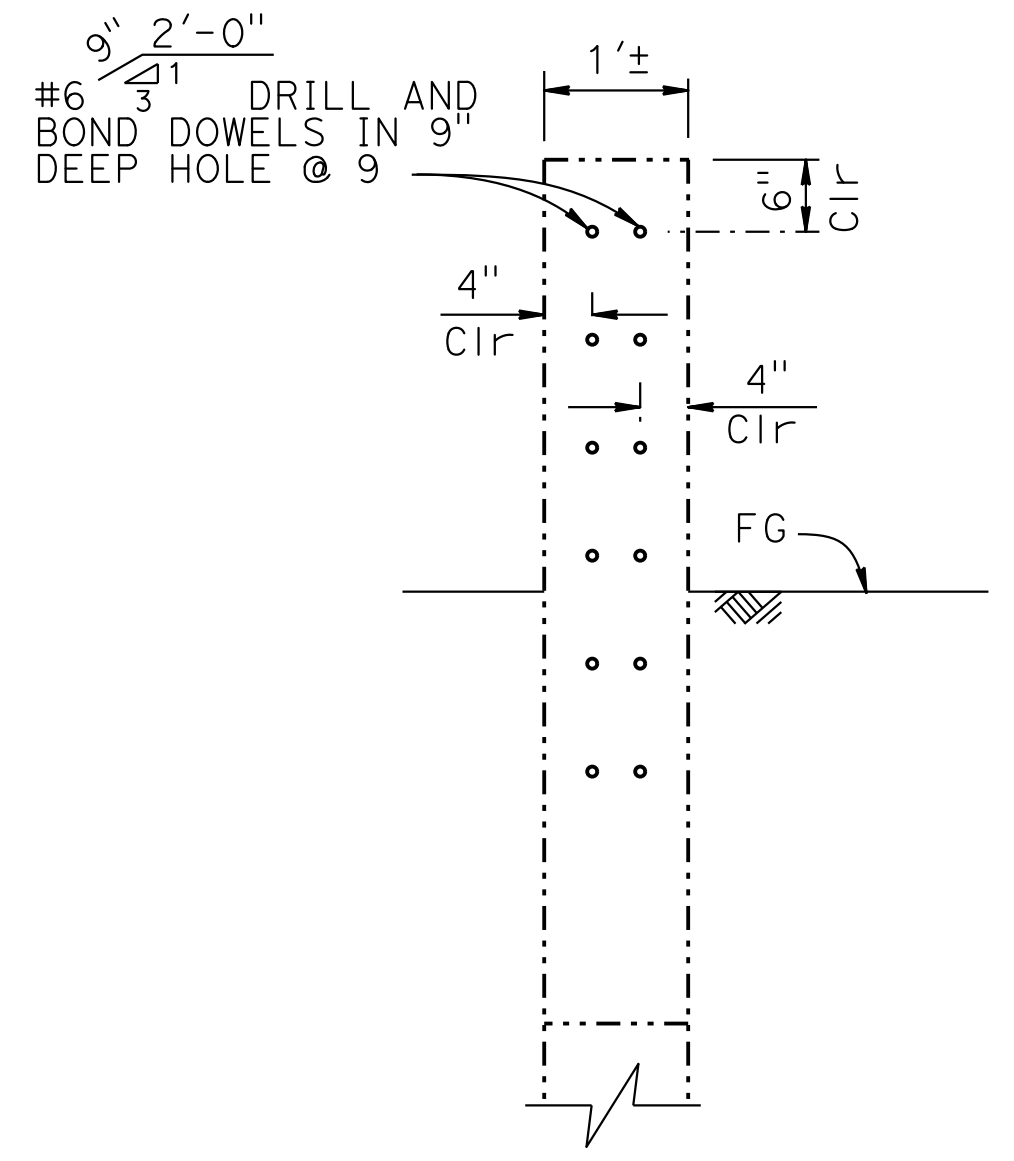
C-72

DESIGNED BY	CHARLIE CHRES
CHECKED BY	JOHN NGUYEN
CALCULATED/DESIGNED BY	TIMOTHY J. LEE
REVISIONS	CC 9-29-21

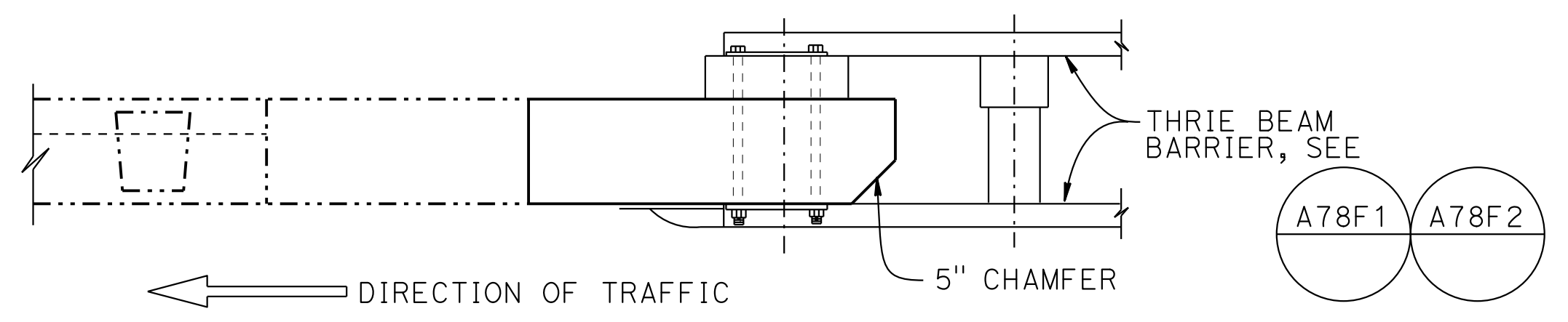
O:\0030\DRAWING\FINAL_P58E\0420000235ga073.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT - FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21
 DIST: 04 COUNTY: Alameda ROUTE: 680 POST MILES TOTAL PROJECT: R11.0/R21.9, RO.0/RO.9 SHEET No.: 146 TOTAL SHEETS: 1710
 REGISTERED CIVIL ENGINEER: CHUONG NGUYEN No. C46770 Exp. 6-30-23 CIVIL
 REGISTERED CIVIL ENGINEER DATE: 9-29-21
 PLANS APPROVAL DATE: October 8, 2021
 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.
 WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113
 ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607



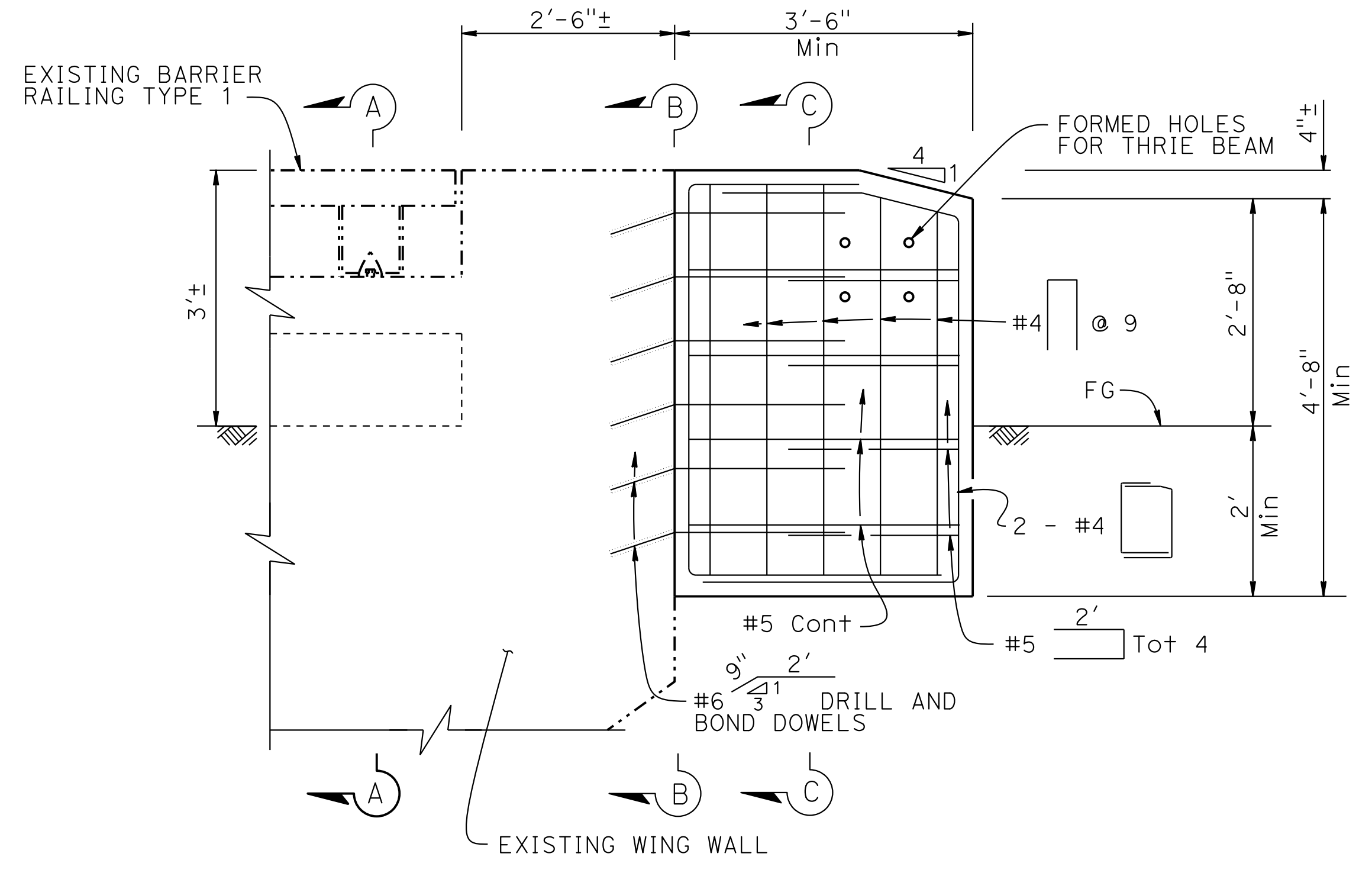
SECTION A-A
3/4" = 1'



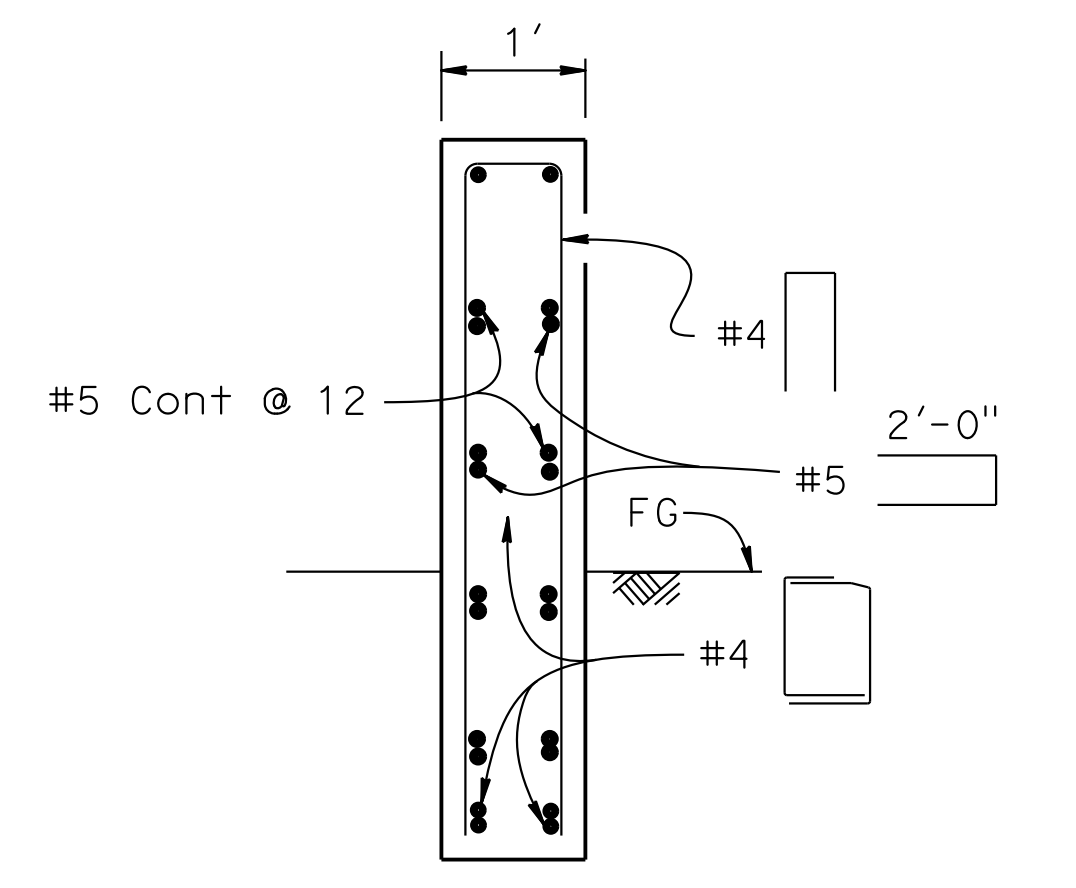
SECTION B-B
3/4" = 1'



PLAN
3/4" = 1'



ELEVATION
3/4" = 1'



NOTE:
DRILL AND BOND DOWELS NOT SHOWN

SECTION C-C
3/4" = 1'-0"

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

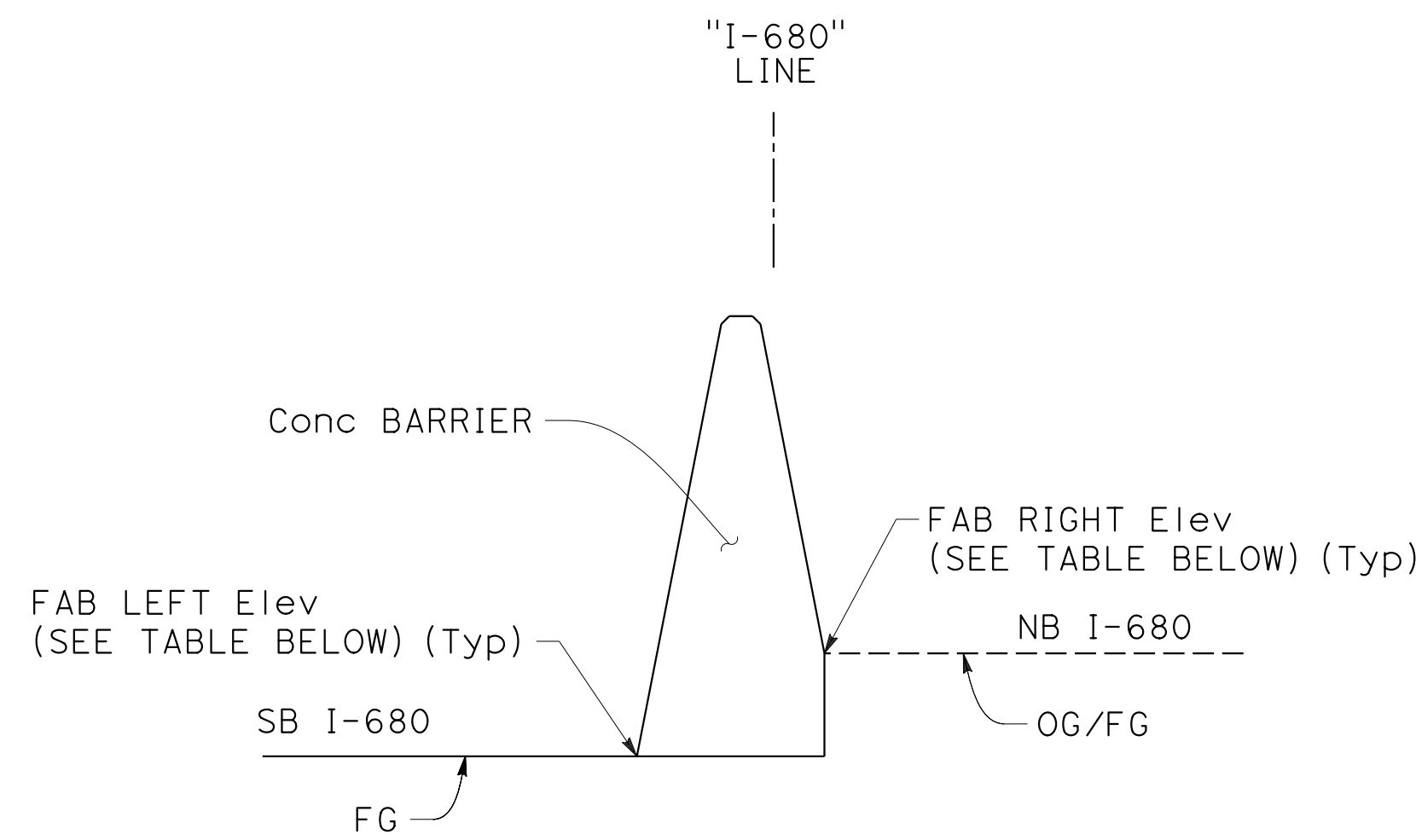
LEGEND:
 - - - - - INDICATES EXISTING STRUCTURE
 _____ INDICATES NEW STRUCTURE

CONCRETE BARRIER (ANCHOR BLOCK) (TYPE 1)

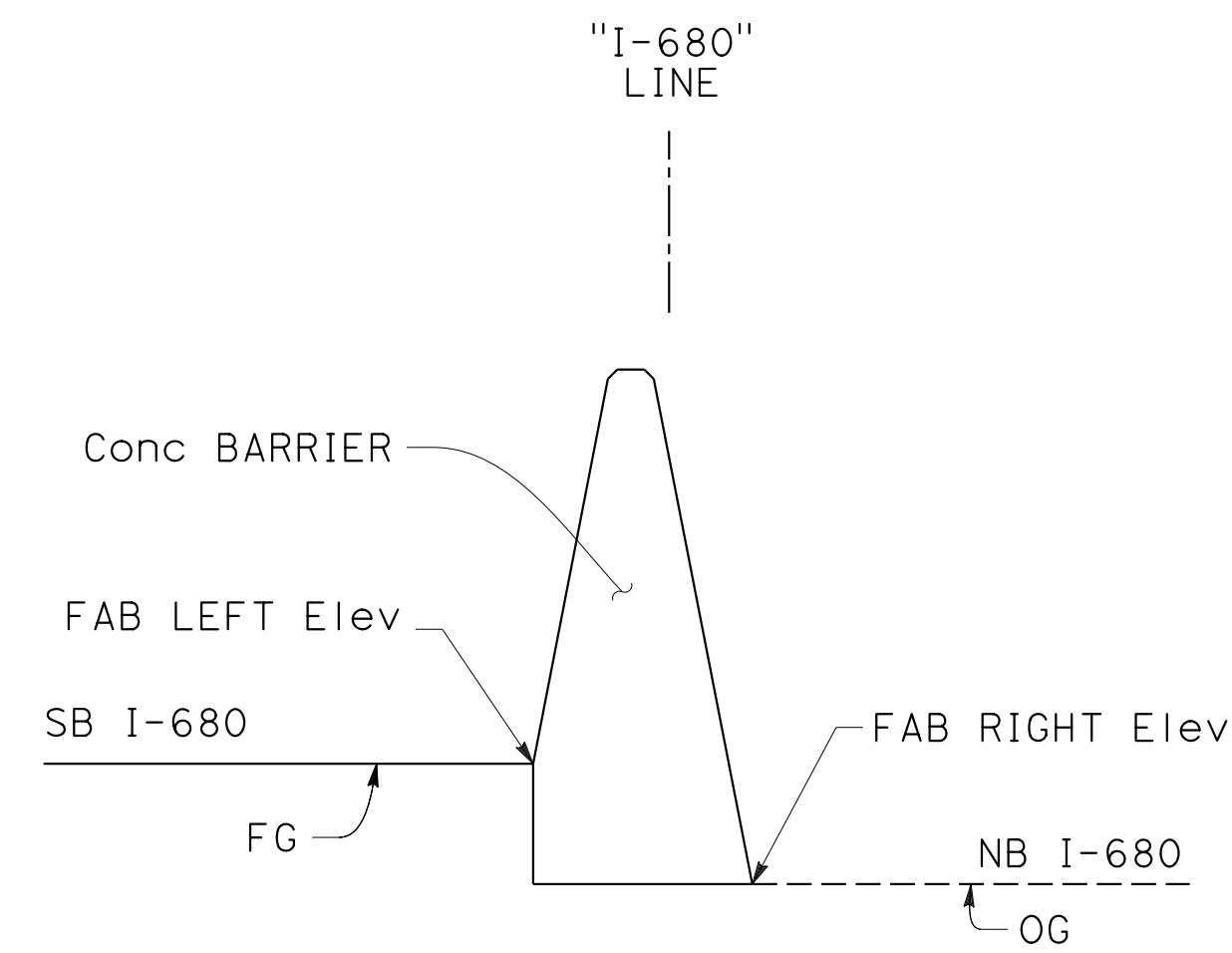
CONSTRUCTION DETAILS
NO SCALE

C-73

ABBREVIATIONS:
 FAB - FINISHED GRADE AT BARRIER
 (XX.XX) - Exist ELEVATION TO BE VERIFIED



CASE 1
 TYPICAL CROSS SECTION



CASE 2
 TYPICAL CROSS SECTION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	147	1710
REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	292+40.00	-0.67	361.83	60MGC Mod C	3.38	364.62	1
"I-680"	292+50.00	-0.49	361.51	60MGC Mod C	3.28	364.27	1
"I-680"	293+00.00	0.48	360.31	60MGC Mod C	3.01	362.85	1
"I-680"	293+50.00	0.87	359.12	60MGC	3.22	361.28	1
"I-680"	294+00.00	1.52	357.67	60MGC	3.85	359.73	1
"I-680"	294+50.00	1.63	356.30	60MGC	3.95	358.26	1
"I-680"	295+00.00	1.02	354.79	60MGC	3.33	356.72	1
"I-680"	295+50.00	0.38	353.41	60MGC	2.67	355.19	1
"I-680"	295+50.74	0.66	355.15	60R Mod A	2.67	355.19	1
"I-680"	296+00.00	-0.37	352.20	60R Mod A	2.42	353.70	1
"I-680"	296+50.00	-0.88	350.85	60MGC	1.31	352.03	1
"I-680"	297+00.00	-1.65	349.61	60MGC Mod B	0.46	350.30	1
"I-680"	297+33.40	-2.49	348.63	60MGC Mod B	0.42	349.13	1
"I-680"	299+04.00	-2.55	344.67	60MGC	0.55	(344.73)	1
"I-680"	299+50.00	-2.00	344.18	60MGC Mod A	0.09	(343.64)	2
"I-680"	300+00.00	-2.00	343.61	60MGC	0.15	(342.68)	2
"I-680"	300+50.00	-2.00	342.98	60MGC	0.16	(342.00)	2
"I-680"	301+00.00	-2.00	342.44	60MGC	0.16	(341.44)	2
"I-680"	301+50.00	-2.00	342.08	60MGC Mod A	0.20	(340.85)	2
"I-680"	302+00.00	-2.00	341.88	60MGC	0.26	(340.25)	2
"I-680"	302+50.00	-2.00	341.68	60MGC	0.26	(340.04)	2
"I-680"	303+00.00	-2.00	341.92	60MGC	0.32	(339.96)	2
"I-680"	303+50.00	-2.00	342.17	60MGC	0.33	(340.13)	2
"I-680"	304+00.00	-2.00	342.45	60MGC	0.34	(340.30)	2
"I-680"	304+50.00	-2.00	342.88	60MGC	0.35	(340.71)	2
"I-680"	305+00.00	-2.00	343.60	60MGC	0.36	(341.35)	2
"I-680"	305+50.00	-2.00	344.28	60MGC Mod A	0.37	(341.99)	2
"I-680"	306+00.00	-2.00	344.83	60MGC	0.34	(342.68)	2
"I-680"	306+50.00	-2.00	345.65	60MGC	0.36	(343.38)	2
"I-680"	307+00.00	-2.00	346.56	60MGC	0.36	(344.35)	2
"I-680"	307+50.00	-2.00	347.54	60MGC	0.33	(345.50)	2
"I-680"	308+00.00	-2.00	348.59	60MGC	0.34	(346.48)	2
"I-680"	308+50.00	-2.00	349.74	60MGC	0.33	(347.66)	2
"I-680"	308+79.00	-2.00	350.39	60MGC	0.29	(348.85)	2
"I-680"	310+52.00	-2.44	355.73	60MGC	-0.15	(354.04)	2
"I-680"	311+00.00	-2.00	357.40	60MGC	0.35	(355.25)	2
"I-680"	311+50.00	-2.00	359.12	60MGC	0.39	(356.73)	2
"I-680"	312+00.00	-2.00	360.52	60MGC	0.39	(358.11)	2
"I-680"	312+50.00	-2.00	362.03	60MGC	0.41	(359.48)	2
"I-680"	313+00.00	-2.00	363.39	60MGC	0.39	(360.98)	2

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	313+50.00	-2.00	364.84	60MGC	0.41	(362.29)	2
"I-680"	314+00.00	-2.00	366.25	60MGC	0.40	(363.73)	2
"I-680"	314+50.00	-2.00	367.41	60MGC	0.37	(365.12)	2
"I-680"	315+00.00	-2.00	369.28	60MGC	0.38	(366.93)	2
"I-680"	315+50.00	-2.00	370.69	60MGC	0.36	(368.45)	2
"I-680"	316+00.00	-2.00	372.10	60MGC	0.34	(369.97)	2
"I-680"	316+50.00	-2.00	373.57	60MGC	0.31	(371.64)	2
"I-680"	317+00.00	-2.00	374.76	60MGC	0.23	(373.35)	2
"I-680"	317+50.00	-2.00	376.00	60MGC	0.18	(374.90)	2
"I-680"	318+00.00	-2.00	377.51	60MGC	0.16	(376.50)	2
"I-680"	318+50.00	-2.00	378.89	60MGC	0.14	(378.01)	2
"I-680"	319+00.00	-2.00	380.38	60MGC	0.16	(379.41)	2
"I-680"	319+50.00	-2.00	381.80	60MGC	0.10	(381.15)	2
"I-680"	320+00.00	-2.00	383.24	60MGC	0.06	(382.89)	2
"I-680"	320+50.00	-2.00	384.60	60MGC	0.05	(384.29)	2
"I-680"	321+00.00	-2.00	385.76	60MGC	0.03	(385.55)	2
"I-680"	321+50.00	-2.01	386.71	60MGC Mod A	0.00	(386.70)	2
"I-680"	322+00.00	-2.00	387.97	60MGC	0.02	(387.83)	2
"I-680"	322+50.00	-2.00	389.10	60MGC	0.06	(388.70)	2
"I-680"	323+00.00	-2.00	390.07	60MGC	0.07	(389.65)	2
"I-680"	323+50.00	-2.00	390.76	60MGC Mod A	0.05	(390.43)	2
"I-680"	324+00.00	-2.00	391.62	60MGC	0.08	(391.14)	2
"I-680"	324+50.00	-2.00	392.08	60MGC	0.04	(391.82)	2
"I-680"	325+00.00	-2.00	392.33	60MGC	0.04	(392.06)	2
"I-680"	325+50.00	-2.00	392.65	60MGC Mod A	0.04	(392.43)	2
"I-680"	326+00.00	-2.00	392.92	60MGC	0.03	(392.71)	2
"I-680"	326+50.00	-2.00	393.12	60MGC	0.00	(393.13)	1
"I-680"	327+00.00	-2.06	392.70	60MGC	0.00	(393.06)	1
"I-680"	327+50.00	-2.05	392.27	60MGC Mod B	0.00	(392.61)	1
"I-680"	327+79.00	-2.47	392.10	60MGC Mod B	-0.46	(392.53)	1
"I-680"	329+62.00	-2.48	391.51	60MGC Mod B	-0.48	(391.50)	2
"I-680"	330+00.00	-2.06	390.87	60MGC	0.00	(391.27)	1
"I-680"	330+50.00	-2.07	390.25	60MGC Mod A	0.00	(390.68)	1
"I-680"	331+00.00	-2.05	389.48	60MGC Mod A	0.00	(389.80)	1
"I-680"	331+50.00	-2.07	388.63	60MGC Mod A	0.00	(389.06)	1
"I-680"	332+00.00	-2.07	387.68	60MGC	0.00	(388.10)	1
"I-680"	332+50.00	-2.05	386.61	60MGC	0.00	(386.91)	1
"I-680"	333+00.00	-2.05	385.44	60MGC Mod A	0.00	(385.77)	1
"I-680"	333+50.00	-2.03	384.17	60MGC	0.00	(384.35)	1
"I-680"	334+00.00	-2.02	382.84	60MGC	0.00	(382.95)	1

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	334+50.00	-2.02	381.38	60MGC	0.00	(381.48)	1
"I-680"	335+00.00	-2.01	379.95	60MGC Mod A	0.00	(379.99)	1
"I-680"	335+50.00	-2.01	378.44	60MGC	0.00	(378.49)	1
"I-680"	336+00.00	-2.01	376.90	60MGC	0.00	(376.96)	1
"I-680"	336+50.00	-2.01	375.37	60MGC	0.00	(375.45)	1
"I-680"	337+00.00	-2.01	373.83	60MGC Mod A	0.00	(373.87)	1
"I-680"	337+50.00	-2.01	372.35	60MGC	0.00	(372.43)	1
"I-680"	338+00.00	-2.02	370.84	60MGC	0.00	(370.95)	1
"I-680"	338+50.00	-2.01	369.35	60MGC	0.00	(369.43)	1
"I-680"	339+00.00	-2.03	367.82	60MGC Mod A	0.00	(368.02)	1
"I-680"	339+50.00	-2.03	366.38	60MGC	0.00	(366.59)	1
"I-680"	340+00.00	-2.03	364.91	60MGC	0.00	(365.07)	1
"I-680"	340+50.00	-2.03	363.36	60MGC	0.00	(363.52)	1
"I-680"	341+00.00	-2.01	361.98	60MGC Mod A	0.00	(362.05)	1
"I-680"	341+50.00	-2.03	360.50	60MGC	0.00	(360.67)	1
"I-680"	341+98.00	-2.49	359.14	60MGC	-0.48	(359.04)	2
"I-680"	344+99.00	-2.50	350.00	60MGC	-0.50	(349.97)	2
"I-680"	345+00.00	-2.51	349.90	60MGC	-0.50	(349.97)	1
"I-680"	345+50.00	-2.50	348.70	60MGC	-0.47	(348.54)	2
"I-680"	346+00.00	-2.54	346.96	60MGC	-0.50	(347.21)	1
"I-680"	346+50.00	-2.53	345.19	60MGC	-0.50	(345.39)	1
"I-680"	346+72.00	-2.49	344.75	60MGC	-0.50	(344.56)	2
"I-680"	348+10.00	-2.45	340.67	60MGC	-0.45	(340.62)	2
"I-680"	348+50.00	-2.00	339.63	60MGC	0.01	(339.54)	2
"I-680"	349+00.00	-2.00	338.51	60MGC Mod A	0.05	(338.17)	2
"I-680"	349+50.00	-2.00	337.21	60MGC	0.06	(336.85)	2
"I-680"	350+00.00	-2.00	335.78	60MGC	0.06	(335.39)	2
"I-680"	350+50.00	-2.00	334.51	60MGC	0.05	(334.19)	2
"I-680"	351+00.00	-2.00	333.42	60MGC Mod A	0.06	(333.06)	2
"I-680"	351+50.00	-2.00	332.52	60MGC	0.02	(332.38)	2
"I-680"	352+00.00	-2.00	331.79	60MGC	0.03	(331.61)	2
"I-680"	352+50.00	-2.00	331.07	60MGC	0.03	(330.91)	2
"I-680"	353+00.00	-2.00	330.42	60MGC Mod A	0.01	(330.35)	2
"I-680"	353+50.00	-2.00	329.90	60MGC	0.02	(329.77)	2
"I-680"	354+00.00	-2.00	329.50	60MGC	0.02	(329.41)	2
"I-680"	354+50.00	-2.00	329.23	60MGC	0.01	(329.16)	2
"I-680"	355+00.00	-2.00	329.10	60MGC Mod A	0.02	(328.95)	2
"I-680"	355+50.00	-2.00	329.11	60MGC	0.03	(328.90)	2
"I-680"	356+00.00	-2.00	329.15	60MGC	0.03	(328.95)	2
"I-680"	356+50.00	-2.00	329.19	60MGC	0.03	(329.02)	2

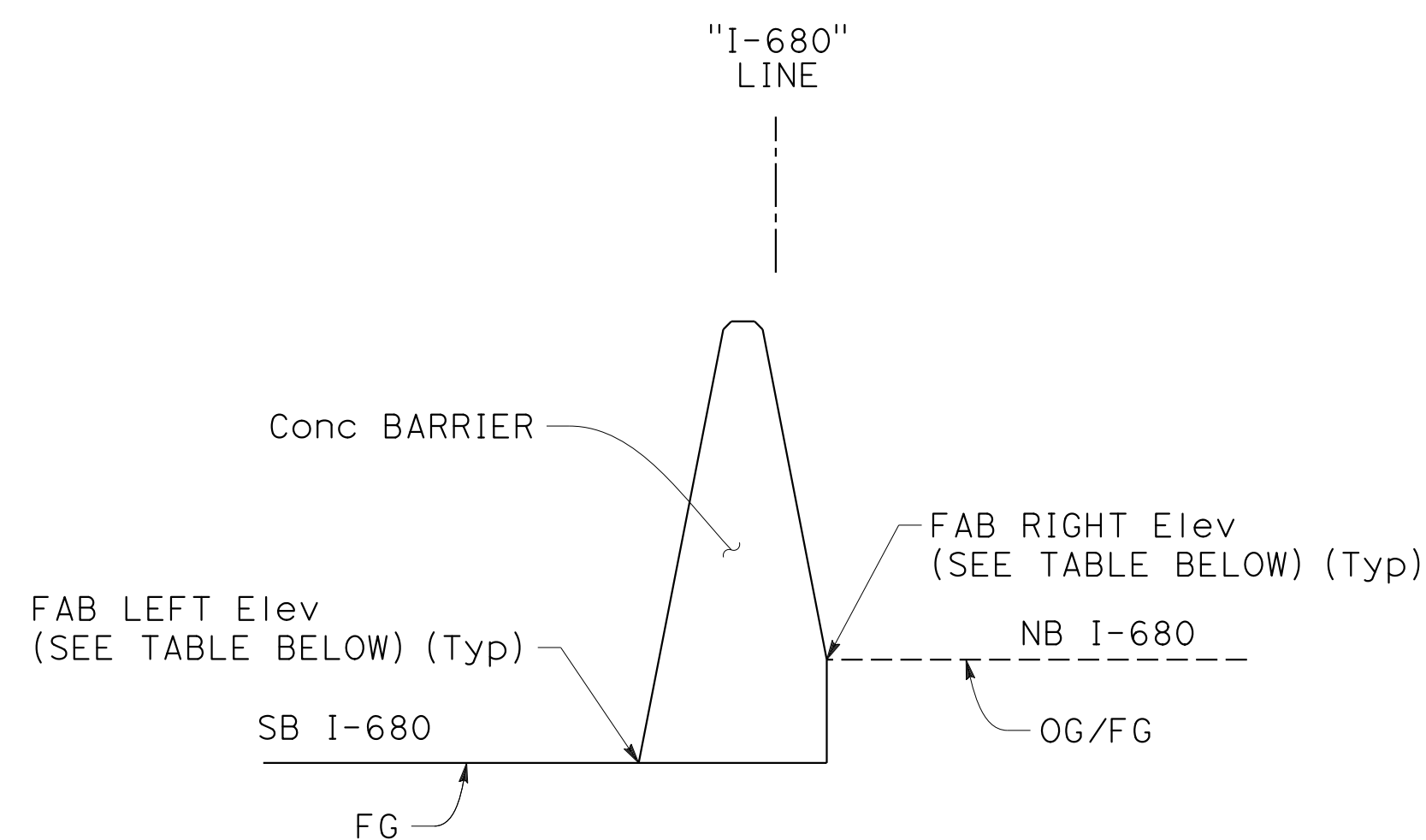
CONSTRUCTION DETAILS

C-74

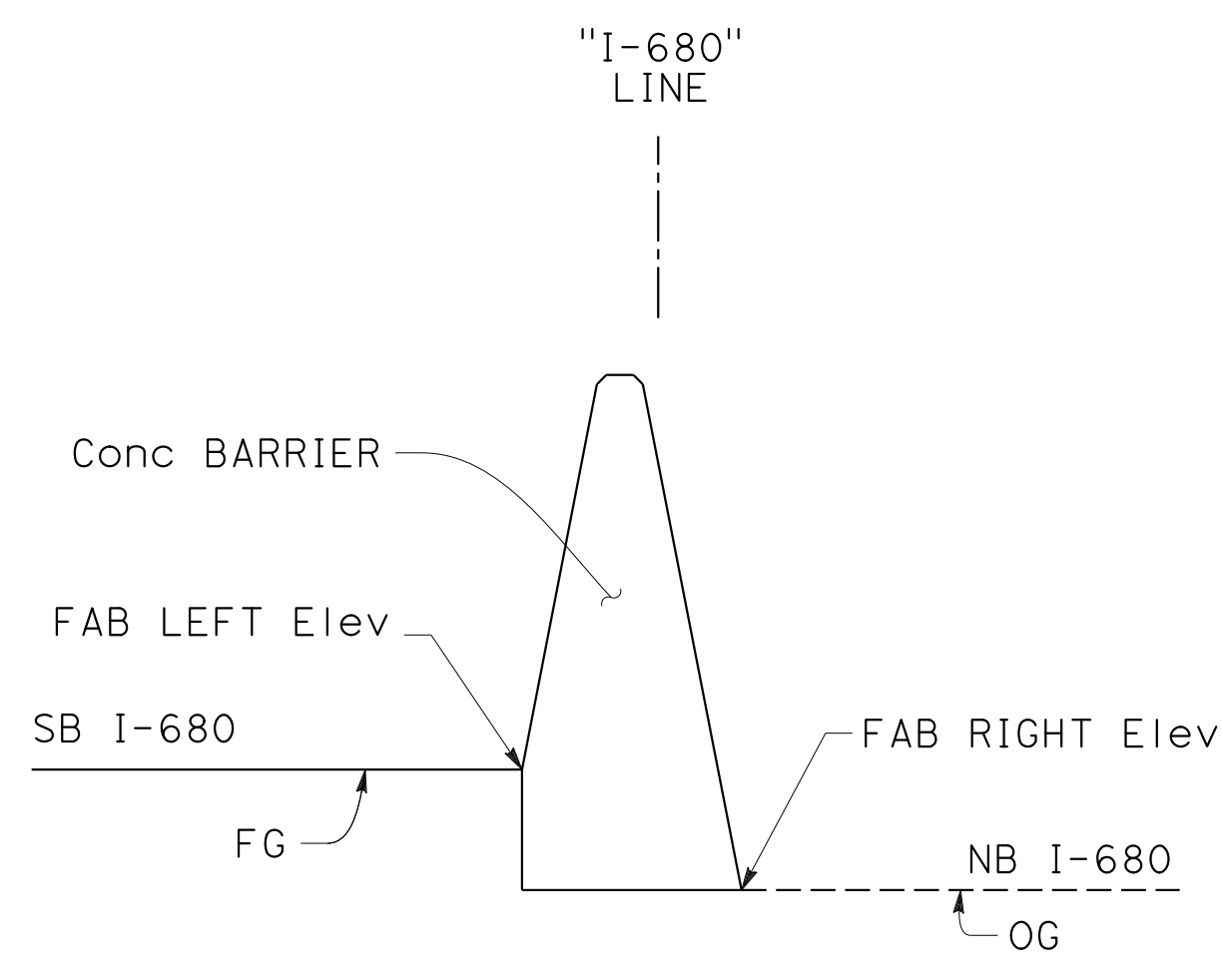
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT - FUNCTIONAL SUPERVISOR
 CHARLIE CHRES
 JOHN NGUYEN
 TIMOTHY J. LEE
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 1

ABBREVIATIONS:

FAB - FINISHED GRADE AT BARRIER
(XX.XX) - Exist ELEVATION TO BE VERIFIED



CASE 1
TYPICAL CROSS SECTION



CASE 2
TYPICAL CROSS SECTION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	148	1710

REGISTERED CIVIL ENGINEER DATE 9-29-21

October 8, 2021
PLANS APPROVAL DATE

CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	357+00.00	-2.00	329.22	60MGC Mod A	0.01	(329.14)	2
"I-680"	365+00.00	-2.00	329.11	60MGC Mod A	0.02	(329.00)	2
"I-680"	365+50.00	-2.00	329.11	60MGC	0.03	(328.93)	2
"I-680"	366+00.00	-2.00	329.18	60MGC	0.04	(328.95)	2
"I-680"	366+50.00	-2.00	329.25	60MGC	0.03	(329.03)	2
"I-680"	367+00.00	-2.00	329.32	60MGC Mod A	0.03	(329.13)	2
"I-680"	367+50.00	-2.00	329.38	60MGC	0.02	(329.27)	2
"I-680"	368+00.00	-2.00	329.45	60MGC	0.03	(329.29)	2
"I-680"	368+50.00	-2.00	329.51	60MGC	0.03	(329.35)	2
"I-680"	369+00.00	-2.00	329.58	60MGC Mod A	0.03	(329.38)	2
"I-680"	380+50.00	-2.02	335.22	60MGC	0.00	(335.34)	1
"I-680"	381+00.00	-2.02	336.17	60MGC	0.00	(336.32)	1
"I-680"	381+50.00	-2.03	337.11	60MGC	0.00	(337.30)	1
"I-680"	382+00.00	-2.03	338.02	60MGC	0.00	(338.21)	1
"I-680"	382+50.00	-2.02	338.87	60MGC	0.00	(338.98)	1
"I-680"	383+00.00	-2.00	339.67	60MGC	0.00	(339.67)	2
"I-680"	383+50.00	-2.00	340.42	60MGC	0.01	(340.38)	2
"I-680"	384+00.00	-2.00	341.11	60MGC	0.01	(341.05)	2
"I-680"	384+50.00	-2.00	341.66	60MGC	0.01	(341.58)	2
"I-680"	385+00.00	-2.01	342.05	60MGC	0.00	(342.09)	1
"I-680"	385+50.00	-2.01	342.30	60MGC	0.00	(342.35)	1
"I-680"	386+00.00	-2.03	342.54	60MGC	0.00	(342.75)	1
"I-680"	386+50.00	-2.04	342.77	60MGC	0.00	(343.00)	1
"I-680"	387+00.00	-2.05	342.79	60MGC	0.00	(343.11)	1
"I-680"	387+45.00	-2.33	343.20	60MGC	-0.33	(342.85)	2
"I-680"	389+24.00	-2.25	343.05	60MGC	-0.25	(343.22)	1
"I-680"	389+50.00	-2.07	343.05	60MGC	0.00	(343.49)	1
"I-680"	390+00.00	-2.03	343.45	60MGC	0.00	(343.63)	1
"I-680"	390+50.00	-2.00	343.52	60MGC	0.02	(343.42)	2
"I-680"	391+00.00	-2.00	343.42	60MGC	0.06	(343.03)	2
"I-680"	391+50.00	-2.00	343.13	60MGC	0.08	(342.63)	2
"I-680"	392+00.00	-2.00	342.70	60MGC	0.07	(342.29)	2
"I-680"	392+50.00	-2.00	342.21	60MGC	0.03	(342.00)	2
"I-680"	393+00.00	-2.00	341.66	60MGC	0.02	(341.55)	2
"I-680"	393+50.00	-2.00	341.04	60MGC	0.03	(340.87)	2
"I-680"	394+00.00	-2.01	340.36	60MGC	0.00	(340.40)	1
"I-680"	394+50.00	-2.00	339.67	60MGC	0.00	(339.71)	1
"I-680"	395+00.00	-2.00	338.99	60MGC	0.01	(338.95)	2
"I-680"	395+50.00	-2.00	338.29	60MGC	0.02	(338.17)	2
"I-680"	396+00.00	-2.00	337.53	60MGC	0.04	(337.30)	2

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	396+50.00	-2.00	336.77	60MGC	0.03	(336.57)	2
"I-680"	397+00.00	-2.00	336.01	60MGC	0.02	(335.87)	2
"I-680"	397+50.00	-2.00	335.28	60MGC	0.02	(335.17)	2
"I-680"	398+00.00	-2.00	334.59	60MGC	0.02	(334.44)	2
"I-680"	398+50.00	-2.00	333.96	60MGC	0.02	(333.81)	2
"I-680"	399+00.00	-2.00	333.36	60MGC	0.02	(333.21)	2
"I-680"	399+50.00	-2.69	332.82	60MGF Mod A	0.69	(332.77)	2
"I-680"	400+00.00	-5.04	332.31	60MGF Mod A	3.04	(332.33)	1
"I-680"	400+50.00	-2.69	331.95	60MGF Mod A	0.69	(332.01)	1
"I-680"	401+00.00	-2.00	331.56	60MGC	0.01	(331.51)	2
"I-680"	401+50.00	-2.00	331.15	60MGC	0.01	(331.10)	2
"I-680"	402+00.00	-2.04	330.56	60MGC	0.00	(330.81)	1
"I-680"	402+50.00	-2.06	330.14	60MGC	0.00	(330.55)	1
"I-680"	403+00.00	-2.10	329.72	60MGC	0.00	(330.33)	1
"I-680"	403+50.00	-2.16	329.48	60MGC	0.00	(330.49)	1
"I-680"	404+00.00	-2.14	329.21	60MGC	0.00	(330.10)	1
"I-680"	404+50.00	-2.14	329.21	60MGC	0.00	(330.11)	1
"I-680"	405+00.00	-2.15	329.12	60MGC	0.00	(330.08)	1
"I-680"	405+50.00	-2.10	329.22	60MGC	0.00	(329.85)	1
"I-680"	406+00.00	-2.13	328.98	60MGC	0.00	(329.80)	1
"I-680"	406+50.00	-2.16	328.76	60MGC	0.00	(329.78)	1
"I-680"	407+00.00	-2.17	328.68	60MGC	0.00	(329.71)	1
"I-680"	407+50.00	-2.15	328.65	60MGC	0.00	(329.57)	1
"I-680"	408+00.00	-2.13	328.63	60MGC	0.00	(329.41)	1
"I-680"	408+50.00	-2.11	328.71	60MGC	0.00	(329.38)	1
"I-680"	409+00.00	-2.14	328.38	60MGC	0.00	(329.25)	1
"I-680"	409+50.00	-2.15	328.12	60MGC	0.00	(329.06)	1
"I-680"	410+00.00	-2.16	327.93	60MGC	0.00	(328.93)	1
"I-680"	410+56.00	-3.01	327.83	60MGC	-0.89	(328.97)	1
"I-680"	412+93.00	-2.73	327.66	60MGC	-0.59	(328.81)	1
"I-680"	413+00.00	-2.55	327.61	60MGC	-0.41	(328.45)	1
"I-680"	413+50.00	-1.45	327.48	60MGC	0.67	(328.20)	1
"I-680"	414+00.00	-0.75	327.34	60MGC	1.39	(328.20)	1
"I-680"	414+50.00	-0.39	327.29	60MGC	1.75	(328.18)	1
"I-680"	415+00.00	-0.28	327.48	60MGC	1.85	(328.25)	1
"I-680"	415+50.00	-0.21	327.44	60MGC	1.92	(328.22)	1
"I-680"	416+00.00	-0.12	327.43	60MGC	1.99	(328.13)	1
"I-680"	416+50.00	-0.01	327.52	60MGC	2.07	(327.98)	1
"I-680"	417+00.00	0.05	327.38	60MGC	2.14	(327.94)	1
"I-680"	417+50.00	0.11	327.30	60MGC	2.21	(327.98)	1

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	418+00.00	0.15	327.25	60MGC Mod A	2.29	(328.09)	1
"I-680"	418+50.00	0.26	327.54	60MGC	2.36	(328.15)	1
"I-680"	419+00.00	0.32	327.50	60MGC	2.44	(328.21)	1
"I-680"	419+50.00	0.39	327.63	60MGC	2.51	(328.38)	1
"I-680"	420+00.00	0.44	327.59	60MGC Mod A	2.58	(328.44)	1
"I-680"	420+50.00	0.50	327.58	60MGC	2.66	(328.53)	1
"I-680"	421+00.00	0.57	327.60	60MGC	2.73	(328.61)	1
"I-680"	421+50.00	0.62	327.55	60MGC	2.80	(328.66)	1
"I-680"	422+00.00	0.70	327.51	60MGC Mod A	2.87	(328.59)	1
"I-680"	422+50.00	0.75	327.45	60MGC	2.95	(328.69)	1
"I-680"	423+00.00	0.84	327.53	60MGC	3.02	(328.67)	1
"I-680"	423+50.00	0.93	327.64	60MGC	3.09	(328.64)	1
"I-680"	424+00.00	1.01	327.75	60MGC	3.17	(328.72)	1
"I-680"	424+50.00	1.08	327.78	60MGC	3.24	(328.78)	1
"I-680"	425+00.00	1.14	327.79	60MGC	3.31	(328.86)	1
"I-680"	425+50.00	1.19	327.80	60MGC	3.38	(329.00)	1
"I-680"	426+00.00	1.24	327.76	60MGC Mod A	3.45	(329.09)	1
"I-680"	426+50.00	1.31	327.86	60MGC	3.53	(329.20)	1
"I-680"	427+00.00	1.40	327.91	60MGC	3.60	(329.16)	1
"I-680"	427+50.00	0.98	328.00	60MGF Mod A	3.67	(329.28)	1
"I-680"	428+00.00	-1.50	328.19	60MGF Mod A	3.74	(329.38)	1
"I-680"	428+50.00	1.12	328.34	60MGF Mod A	3.81	(329.44)	1
"I-680"	429+00.00	1.74	328.54	60MGC	3.88	(329.47)	1
"I-680"	429+50.00	1.80	328.66	60MGC	3.96	(329.60)	1
"I-680"	430+00.00	1.86	328.84	60MGC Mod A	4.00	(329.70)	1
"I-680"	430+50.00	1.90	329.15	60MGC	4.00	(329.75)	1
"I-680"	431+00.00	1.99	329.84	60MGC	4.00	(329.92)	1
"I-680"	431+50.00	1.98	329.88	60MGC	4.00	(330.00)	1
"I-680"	432+00.00	1.98	330.00	60MGC Mod A	4.00	(330.15)	1
"I-680"	432+50.00	1.99	330.11	60MGC	4.00	(330.20)	1
"I-680"	433+00.00	2.00	330.18	60MGC	4.00	(330.18)	2
"I-680"	433+50.00	2.00	330.33	60MGC	4.02	(330.18)	2
"I-680"	434+00.00	2.00	330.46	60MGC Mod A	4.04	(330.22)	2
"I-680"	434+50.00	2.00	330.54	60MGC	4.04	(330.29)	2
"I-680"	435+00.00	2.00	330.60	60MGC	4.04	(330.34)	2
"I-680"	435+50.00	2.00	330.74	60MGC	4.06	(330.39)	2
"I-680"	436+00.00	2.00	330.78	60MGC Mod A	4.04	(330.56)	2
"I-680"	436+50.00	2.00	330.97	60MGC	4.08	(330.47)	2
"I-680"	437+00.00	2.00	331.04	60MGC	4.07	(330.58)	2
"I-680"	437+50.00	2.00	331.13	60MGC	4.08	(330.66)	2

CONSTRUCTION DETAILS

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Et Caltrans

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	149	1710

REGISTERED CIVIL ENGINEER DATE 9-29-21

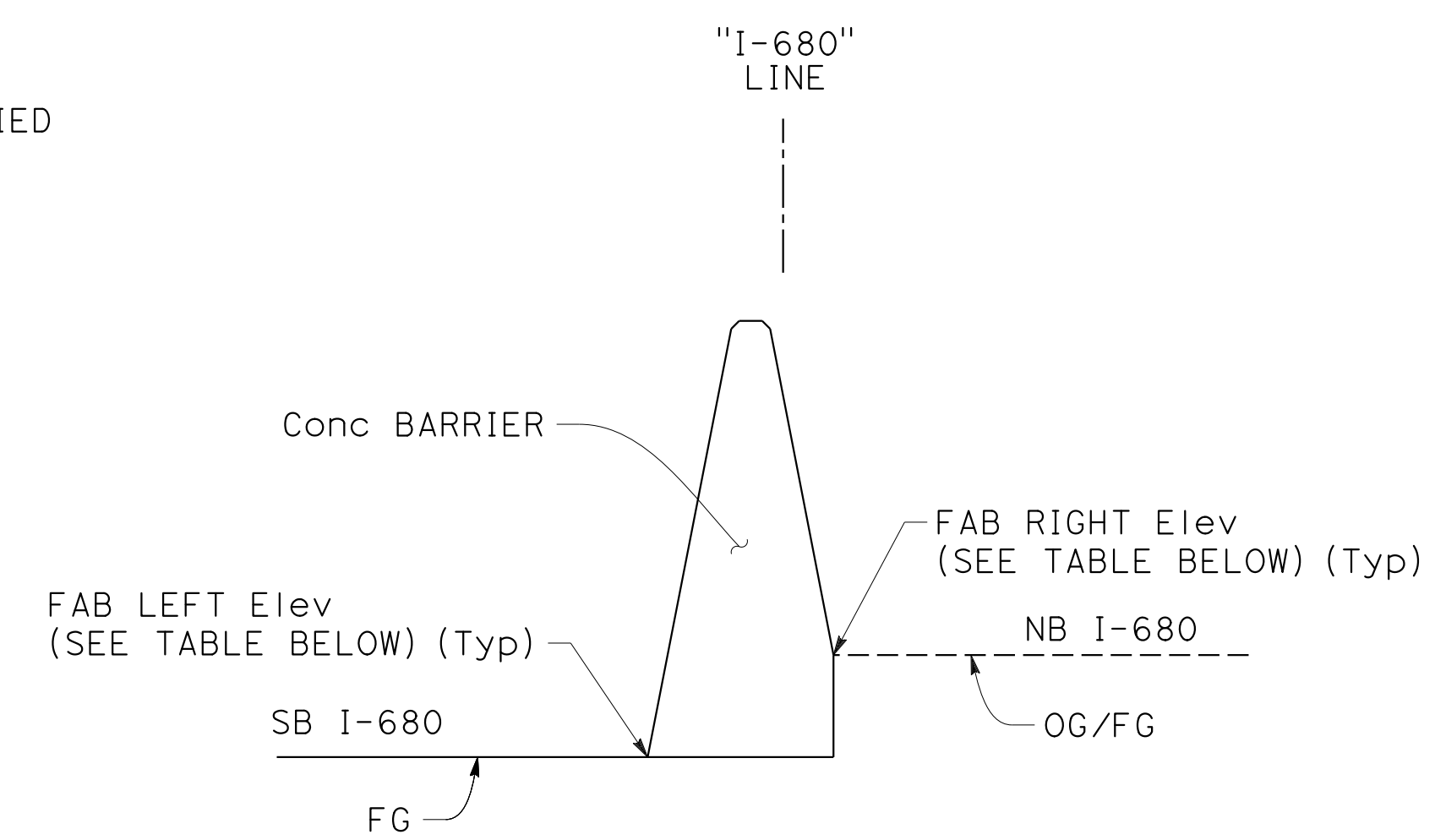
October 8, 2021
PLANS APPROVAL DATE

CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

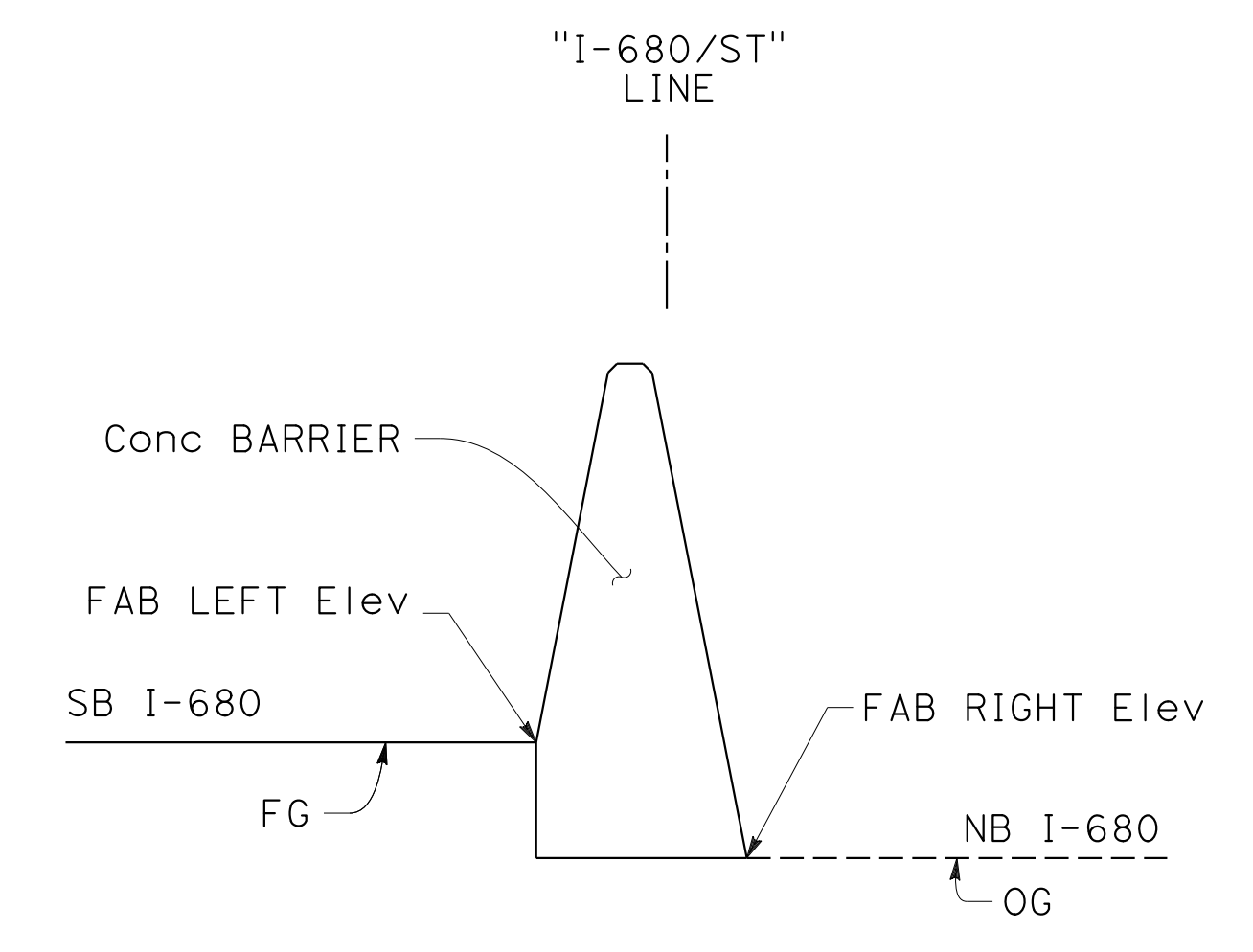
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113
ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607

ABBREVIATIONS:
FAB - FINISHED GRADE AT BARRIER
(XX.XX) - Exist ELEVATION TO BE VERIFIED



CASE 1
TYPICAL CROSS SECTION



CASE 2
TYPICAL CROSS SECTION

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	438+00.00	2.00	331.18	60MGC Mod A	4.06	(330.80)	2
"I-680"	438+50.00	2.00	331.33	60MGC	4.07	(330.91)	2
"I-680"	439+00.00	2.00	331.29	60MGC	4.04	(331.03)	2
"I-680"	439+50.00	2.00	331.39	60MGC	4.05	(331.06)	2
"I-680"	440+00.00	2.00	331.45	60MGC	4.05	(331.15)	2
"I-680"	440+50.00	2.00	331.56	60MGC	4.05	(331.23)	2
"I-680"	441+00.00	2.00	331.61	60MGC	4.05	(331.32)	2
"I-680"	441+50.00	2.00	331.77	60MGC	4.05	(331.43)	2
"I-680"	442+00.00	2.00	331.87	60MGC	4.07	(331.44)	2
"I-680"	442+50.00	4.12	332.01	60MGC	6.22	(331.43)	2
"I-680"	443+00.00	5.00	332.08	60MGC	7.11	(331.41)	2
"I-680"	443+50.00	5.00	332.14	60MGC	7.11	(331.47)	2
"I-680"	444+00.00	5.00	332.26	60MGC	7.11	(331.54)	2
"I-680"	444+50.00	5.00	332.34	60MGC	7.11	(331.67)	2
"I-680"	445+00.00	5.00	332.41	60MGC	7.10	(331.78)	2
"I-680"	445+50.00	5.00	332.54	60MGC	7.11	(331.87)	2
"I-680"	446+00.00	5.00	332.46	60MGC	7.08	(331.96)	2
"I-680"	446+50.00	5.00	332.67	60MGC	7.11	(331.99)	2
"I-680"	447+00.00	5.00	332.69	60MGC	7.09	(332.11)	2
"I-680"	447+50.00	5.00	332.75	60MGC	7.08	(332.26)	2
"I-680"	448+00.00	5.00	332.81	60MGC	7.08	(332.33)	2
"I-680"	448+50.00	7.38	332.98	60MGC	9.47	(332.39)	2
"I-680"	449+00.00	9.00	332.94	60MGC	11.09	(332.41)	2
"I-680"	449+50.00	9.00	332.88	60MGC	11.08	(332.41)	2
"I-680"	450+00.00	9.00	333.12	60MGC	11.12	(332.38)	2
"I-680"	450+50.00	9.00	333.16	60MGC	11.11	(332.50)	2
"I-680"	451+00.00	9.00	333.26	60MGC	11.12	(332.48)	2
"I-680"	451+50.00	9.00	333.26	60MGC	11.12	(332.49)	2
"I-680"	452+00.00	9.00	333.26	60MGC	11.11	(332.55)	2
"I-680"	452+50.00	9.00	333.12	60MGC	11.08	(332.65)	2
"I-680"	453+00.00	9.00	333.28	60MGC	11.09	(332.72)	2
"I-680"	453+50.00	9.00	333.27	60MGC	11.08	(332.76)	2
"I-680"	454+00.00	8.07	333.25	60R Mod B	11.93	(332.62)	2
"I-680"	454+42.50	-4.00	332.94	60C Mod CHP	-2.00	332.98	1
"I-680"	454+42.50	10.00	333.27	60C Mod CHP	12.00	(332.58)	2
"I-680"	454+87.50	-4.00	332.95	60C Mod CHP	-2.00	334.17	1
"I-680"	454+87.50	10.00	334.17	60C Mod CHP	12.00	(332.63)	2
"I-680"	455+12.50	-4.00	333.02	60C Mod CHP	-2.00	334.19	1
"I-680"	455+12.50	10.00	334.19	60C Mod CHP	12.00	(332.69)	2
"I-680"	455+57.50	-4.00	333.05	60C Mod CHP	-2.00	333.05	2

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	455+57.50	10.00	332.80	60C Mod CHP	12.00	(332.76)	2
"I-680"	456+00.00	-3.92	333.07	60R Mod B	-0.08	(333.10)	1
"I-680"	471+25.00	2.00	334.71	60MGC	4.01	(334.49)	2
"I-680"	471+50.00	2.00	334.79	60MGC	4.05	(334.49)	2
"I-680"	472+00.00	2.00	334.83	60MGC	4.05	(334.47)	2
"I-680"	472+50.00	2.00	334.91	60MGC	4.04	(334.63)	2
"I-680"	473+00.00	2.00	334.93	60MGC	4.04	(334.69)	2
"I-680"	473+50.00	2.00	335.00	60MGC	4.04	(334.73)	2
"I-680"	473+81.55	2.00	335.05	60MGC	4.05	(334.60)	2
"ST"	309+49.49	5.57	324.33	60MGC	7.58	324.42	1
"ST"	309+50.00	5.57	324.35	60MGC	7.58	324.44	1
"ST"	310+00.00	5.58	326.97	60MGC	7.60	326.84	2
"ST"	310+50.00	5.31	329.94	60MGC	7.47	328.93	2
"ST"	311+00.00	4.95	333.23	60MGC	7.26	331.29	2
"ST"	311+50.00	4.55	336.31	60MGC	6.80	334.74	2
"ST"	312+00.00	4.13	339.50	60MGC	6.18	339.17	2
"ST"	312+15.92	4.00	340.63	60MGC	6.00	340.62	2

CONSTRUCTION DETAILS

C-76

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

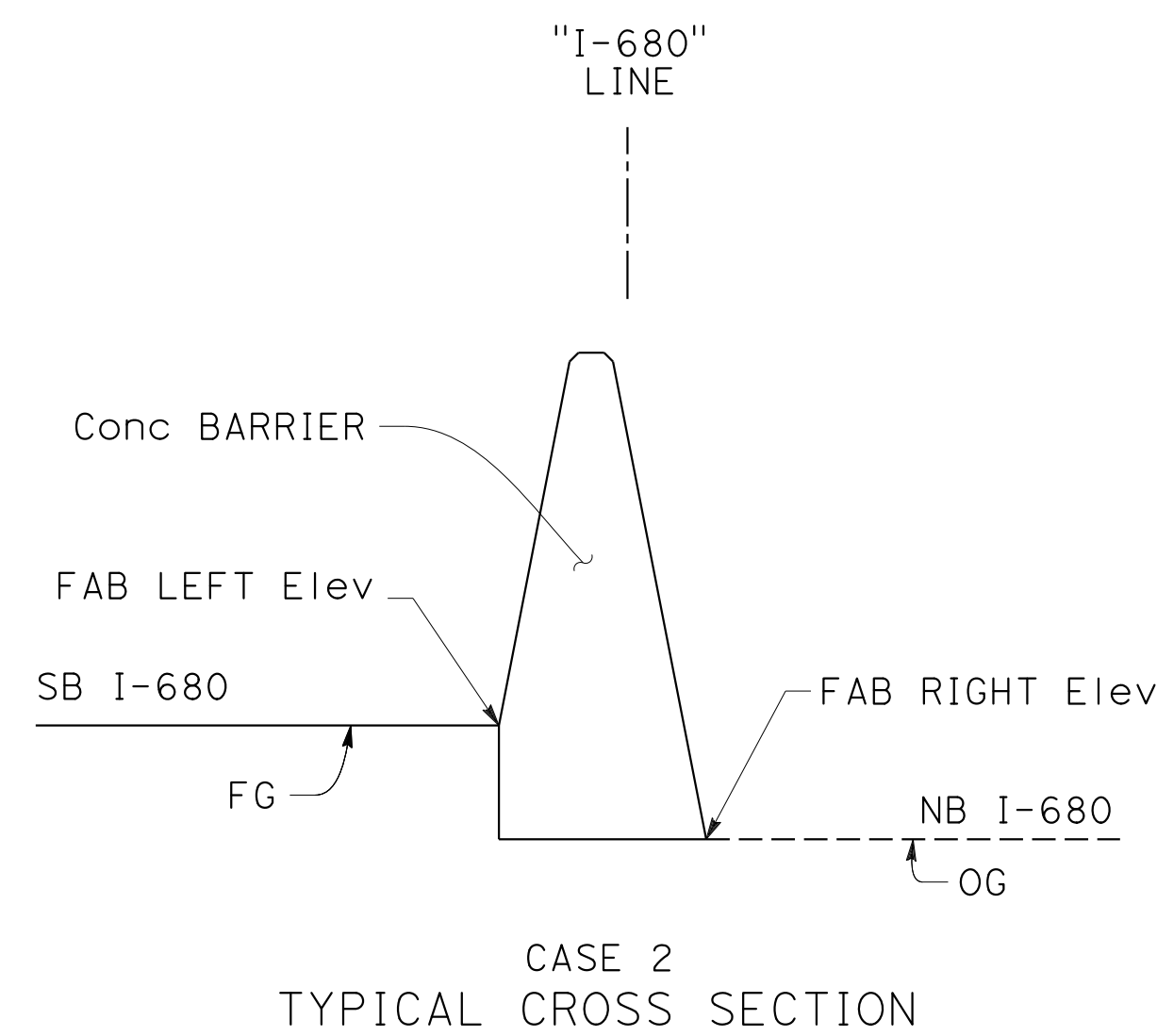
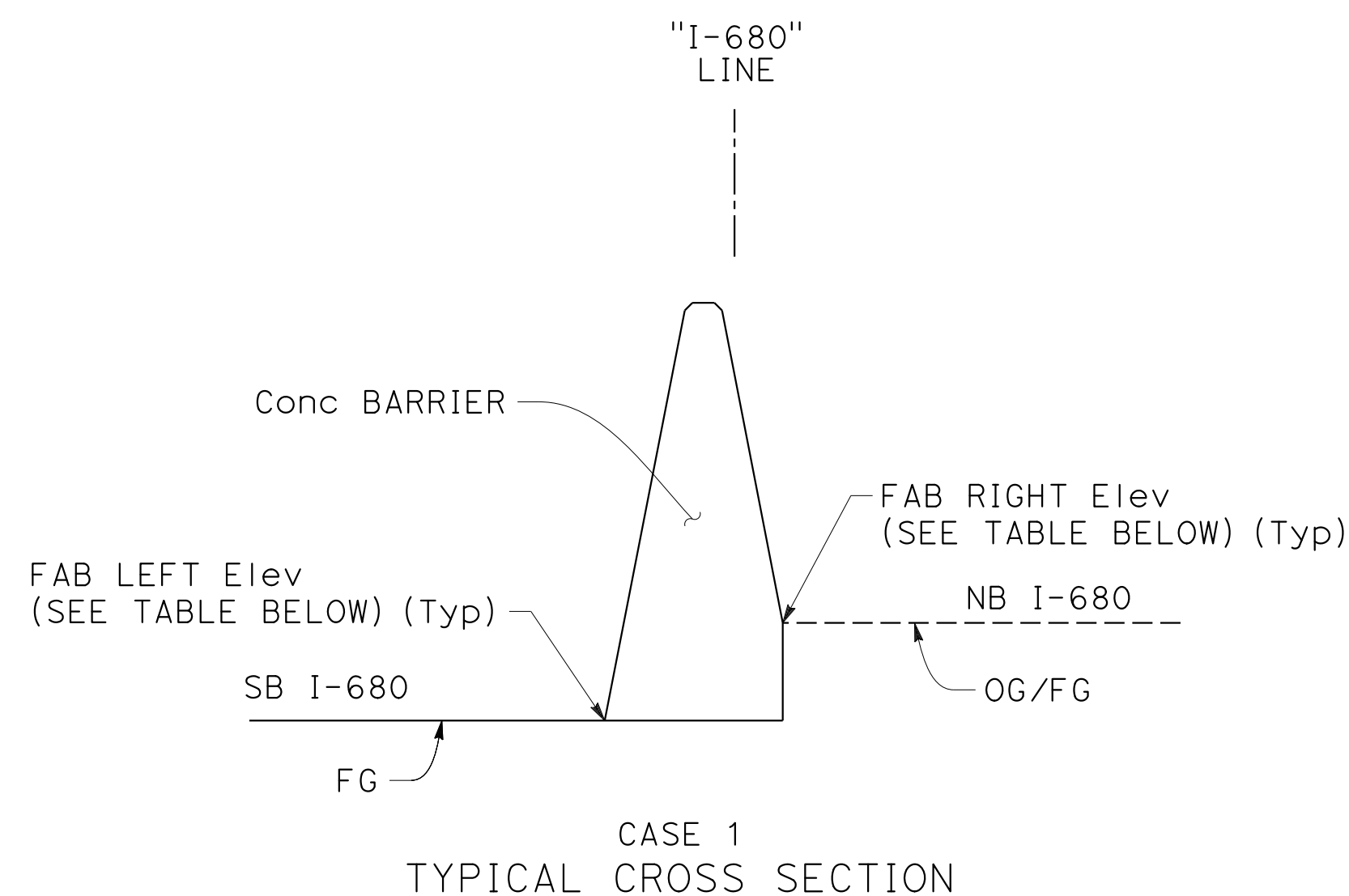
CHARLIE CHRES
JOHN NGUYEN
TIMOTHY J. LEE

REVISOR: CC 9-29-21

DATE: 9-29-21

ABBREVIATIONS:

FAB - FINISHED GRADE AT BARRIER
(XX.XX) - Exist ELEVATION TO BE VERIFIED



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	150	1710
REGISTERED CIVIL ENGINEER Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL STATE OF CALIFORNIA			9-29-21 DATE October 8, 2021 PLANS APPROVAL DATE		
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	507+94.00	-1.00	334.61	60MGP	1.03	(334.43)	2
"I-680"	508+06.00	-1.00	334.58	60MGC	1.02	(334.41)	2
"I-680"	508+50.00	-1.00	334.47	60MGC	1.03	(334.29)	2
"I-680"	509+00.00	-1.00	334.30	60MGC	1.01	(334.19)	2
"I-680"	509+50.00	-1.00	334.25	60MGC	1.02	(334.12)	2
"I-680"	516+75.00	-1.00	333.36	60MGC	1.01	(333.25)	2
"I-680"	517+00.00	-1.00	333.29	60MGC	1.01	(333.18)	2
"I-680"	517+50.00	-1.00	333.30	60MGC	1.02	(333.15)	2
"I-680"	518+00.00	-1.00	333.31	60MGC	1.01	(333.16)	2
"I-680"	518+50.00	-1.00	333.30	60MGC	1.03	(333.11)	2
"I-680"	519+00.00	-1.00	333.27	60MGC	1.04	(333.01)	2
"I-680"	519+50.00	-1.00	333.30	60MGC	1.05	(332.94)	2
"I-680"	520+00.00	-1.00	333.26	60MGC	1.04	(332.94)	2
"I-680"	520+50.00	-1.00	333.17	60MGC	1.02	(333.04)	2
"I-680"	521+07.40	-2.63	333.06	60MGF Mod B	-0.63	(332.91)	2
"I-680"	522+56.51	-4.64	332.86	60MGF Mod B	2.47	(332.79)	2
"I-680"	525+50.00	-1.00	332.47	60MGC	1.03	(332.29)	2
"I-680"	526+00.00	-1.00	332.43	60MGC	1.02	(332.30)	2
"I-680"	526+50.00	-1.00	332.46	60MGC	1.03	(332.26)	2
"I-680"	527+00.00	-1.00	332.42	60MGC	1.01	(332.31)	2
"I-680"	527+44.51	-1.00	332.44	60MGC Mod A	1.01	(332.34)	2
"I-680"	527+77.34	-1.00	332.47	60MGC	1.02	(332.32)	2
"I-680"	528+00.00	-1.00	332.50	60MGC	1.03	(332.26)	2
"I-680"	528+50.00	-1.00	332.51	60MGC	1.02	(332.34)	2
"I-680"	529+00.00	-1.00	332.59	60MGC	1.03	(332.39)	2
"I-680"	529+44.51	-1.00	332.64	60MGC Mod A	1.03	(332.46)	2
"I-680"	529+77.34	-1.00	332.68	60MGC	1.03	(332.47)	2
"I-680"	530+00.00	-1.00	332.69	60MGC	1.03	(332.46)	2

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	530+50.00	-1.00	332.74	60MGC	1.02	(332.56)	2
"I-680"	531+00.00	-1.00	332.88	60MGC	1.03	(332.66)	2
"I-680"	531+44.54	-1.00	332.96	60MGC Mod A	1.03	(332.78)	2
"I-680"	531+77.34	-1.00	332.98	60MGC	1.02	(332.83)	2
"I-680"	532+00.00	-1.00	332.99	60MGC	1.01	(332.88)	2
"I-680"	532+50.00	-1.00	333.07	60MGC	1.02	(332.93)	2
"I-680"	540+50.00	-1.00	334.26	60MGC	1.04	(334.01)	2
"I-680"	541+00.00	-1.00	334.35	60MGC	1.03	(334.11)	2
"I-680"	541+44.51	-1.00	334.36	60MGC Mod A	1.02	(334.19)	2
"I-680"	541+77.34	-1.00	334.36	60MGC	1.03	(334.17)	2
"I-680"	542+00.00	-1.00	334.28	60MGC	1.02	(334.12)	2
"I-680"	543+89.93	-2.22	334.32	60MGF Mod B	-0.21	(334.24)	2
"I-680"	544+56.16	-3.12	334.21	60MGF Mod B	0.57	(334.27)	1
"I-680"	554+50.00	-1.00	346.61	60MGC	1.02	(346.49)	2
"I-680"	555+00.00	-1.00	348.06	60MGC	1.03	(347.86)	2
"I-680"	555+50.00	-1.00	349.57	60MGC	1.03	(349.36)	2
"I-680"	556+00.00	-1.00	350.97	60MGC	1.03	(350.77)	2
"I-680"	556+50.00	-1.00	352.44	60MGC	1.04	(352.17)	2
"I-680"	557+00.00	-1.00	353.84	60MGC	1.03	(353.63)	2
"I-680"	557+36.37	-1.00	354.85	60MGC Mod A	1.03	(354.66)	2
"I-680"	557+86.37	-3.50	355.95	60MGC Mod A	3.50	(355.80)	2
"I-680"	558+36.37	-1.00	357.85	60MGC Mod A	1.02	(357.68)	2
"I-680"	558+63.64	-1.00	357.85	60MGC	1.02	(357.68)	2
"I-680"	559+00.00	-1.00	358.65	60MGC	1.02	(358.49)	2
"I-680"	559+50.00	-1.00	359.77	60MGC	1.02	(359.61)	2
"I-680"	560+00.00	-1.00	360.68	60MGC	1.01	(360.65)	2
"I-680"	560+42.52	-2.12	361.42	60MGC	-0.11	(361.37)	2
"I-680"	566+72.17	-0.14	364.07	60MGF Mod B	2.06	(363.92)	2

MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	568+00.00	-4.96	362.99	60MGF Mod B	3.07	(363.01)	1
"I-680"	568+50.00	-2.27	362.79	60MGF Mod B	2.22	(362.53)	2
"I-680"	568+85.09	-0.34	362.65	60MGC	1.70	(362.34)	2
"I-680"	569+00.00	0.00	362.51	60MGC	2.04	(362.22)	2
"I-680"	569+50.00	0.00	362.16	60MGC	2.03	(361.94)	2
"I-680"	570+00.00	0.00	361.87	60MGC	2.03	(361.64)	2
"I-680"	570+50.00	0.00	361.54	60MGC	2.03	(361.35)	2
"I-680"	571+00.00	0.00	361.19	60MGC	2.02	(361.02)	2
"I-680"	573+20.75	0.00	359.74	60MGF Mod A	2.00	(359.69)	2
"I-680"	573+50.00	-1.34	359.44	60MGF Mod A	2.99	(359.36)	2
"I-680"	574+00.00	-3.04	359.10	60MGF Mod A	5.04	(359.06)	2
"I-680"	574+50.00	-1.35	358.85	60MGF Mod A	3.00	(358.71)	2
"I-680"	574+79.60	0.00	358.61	60MGC	2.02	(358.47)	2
"I-680"	575+00.00	0.00	358.48	60MGC	2.02	(358.36)	2
"I-680"	575+50.00	0.00	358.15	60MGC	2.03	(357.96)	2
"I-680"	576+00.00	0.00	357.82	60MGC	2.02	(357.52)	2
"I-680"	576+50.00	0.00	357.52	60MGC	2.04	(357.26)	2
"I-680"	577+00.00	0.00	357.17	60MGC	2.02	(357.00)	2
"I-680"	577+50.00	0.00	356.83	60MGC	2.02	(356.69)	2
"I-680"	584+19.28	-1.16	354.72	60MGF Mod B	0.84	(354.71)	2
"I-680"	584+89.75	-2.09	354.71	60MGF Mod B	1.85	(354.70)	2
"I-680"	599+89.76	-1.96	358.67	60MGF Mod B	1.82	(358.67)	2
"I-680"	603+73.67	0.00	359.86	60R Mod A	2.00	(359.81)	2
"I-680"	622+37.58	-1.15	365.14	60MGF Mod B	0.85	(365.13)	2
"I-680"	623+10.16	-2.02	365.30	60MGF Mod B	2.04	(365.29)	2
"I-680"	657+94.83	-1.27	387.30	60MGF Mod B	0.73	(387.33)	1
"I-680"	659+35.21	-1.89	388.97	60MGF Mod B	1.34	(389.01)	1
"I-680"	567+22.20	-70.98	(361.58)	60MC	-68.97	361.44	2

CONSTRUCTION DETAILS

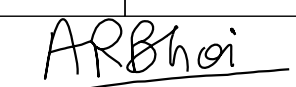
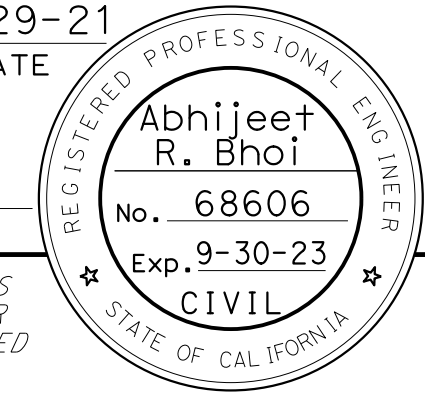
C-77



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MOHA MUDAQITO
 TIANHUA SUN
 ABHIJEET R. BHOI
 DEPARTMENT OF TRANSPORTATION
 STATE OF CALIFORNIA
 Caltrans

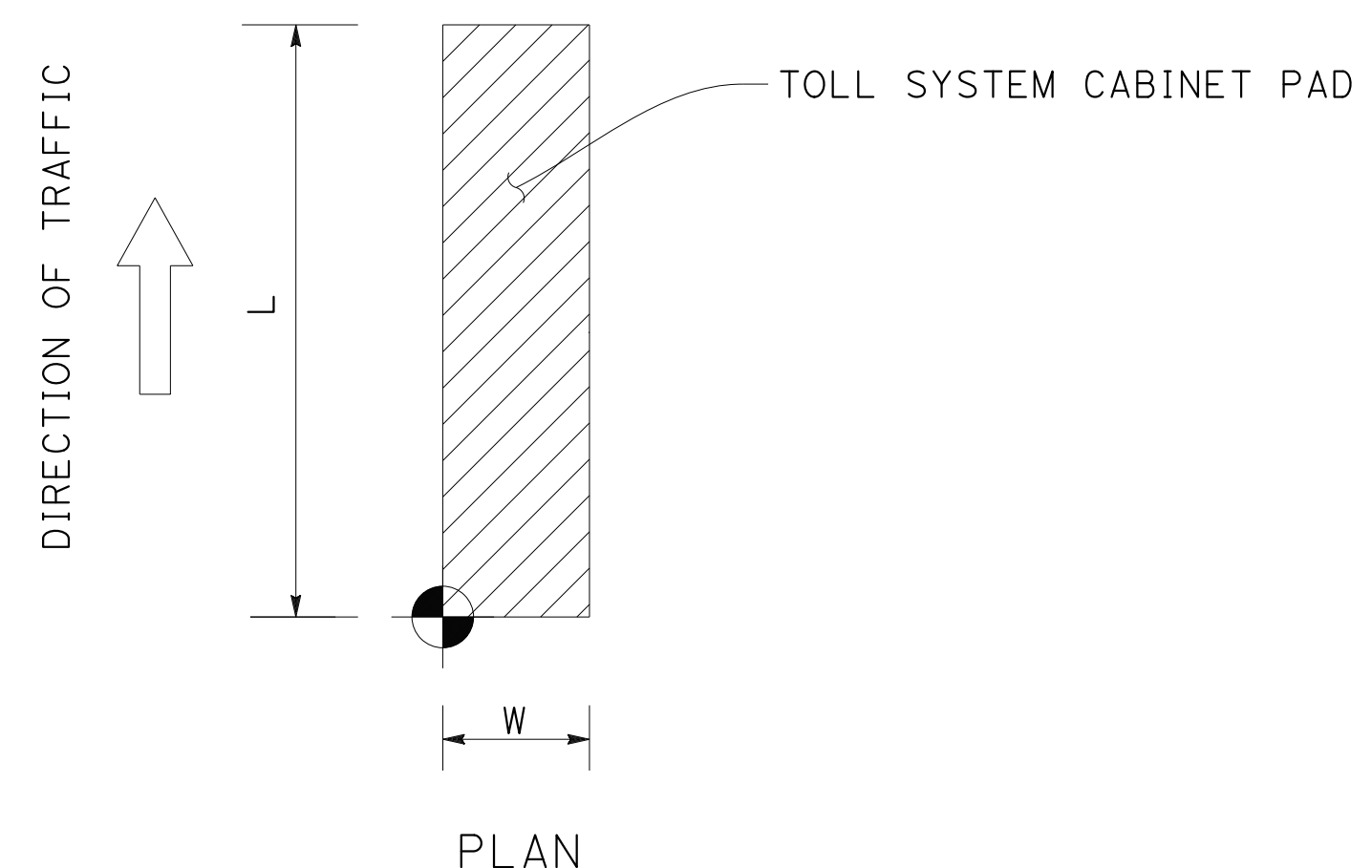
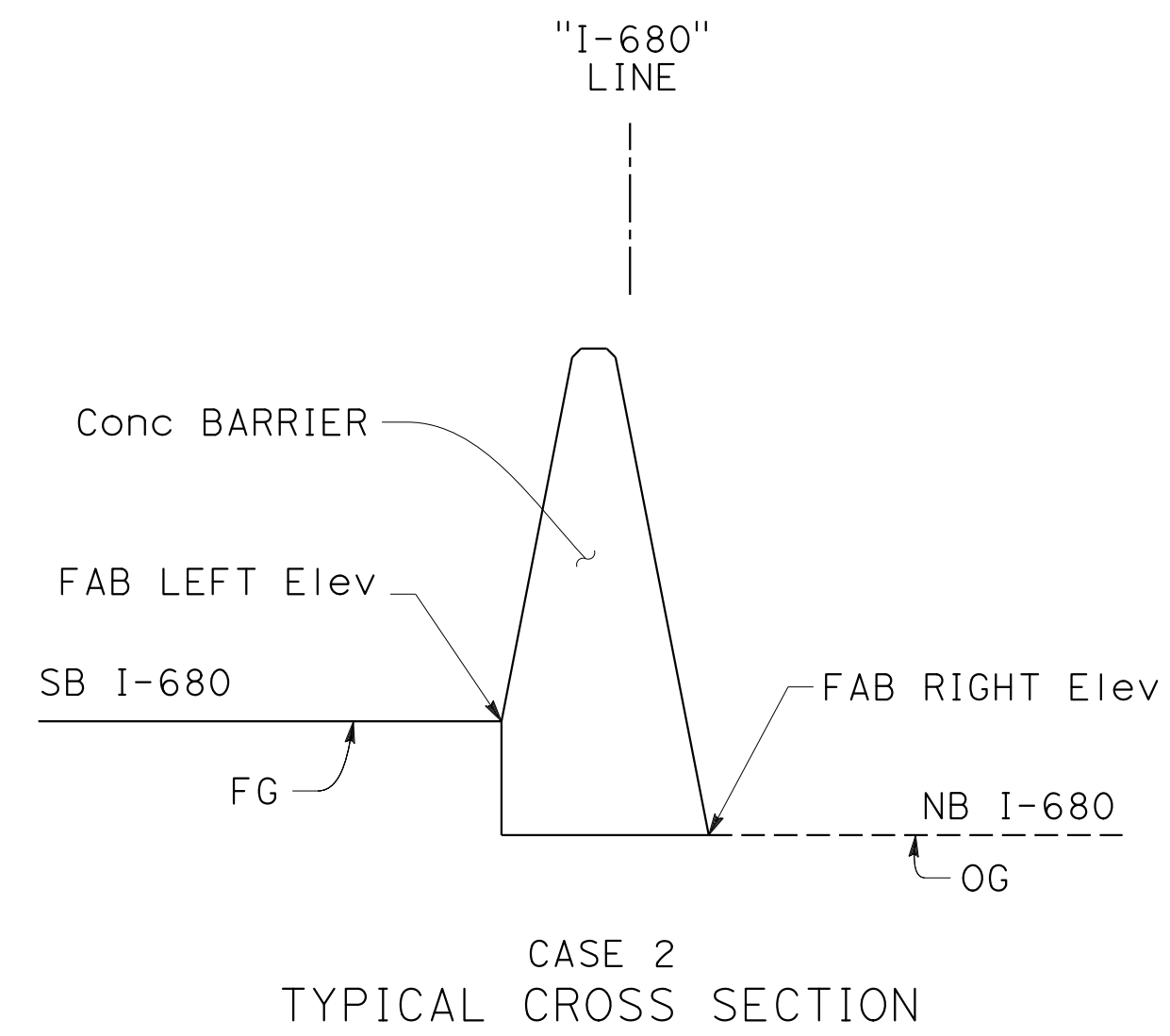
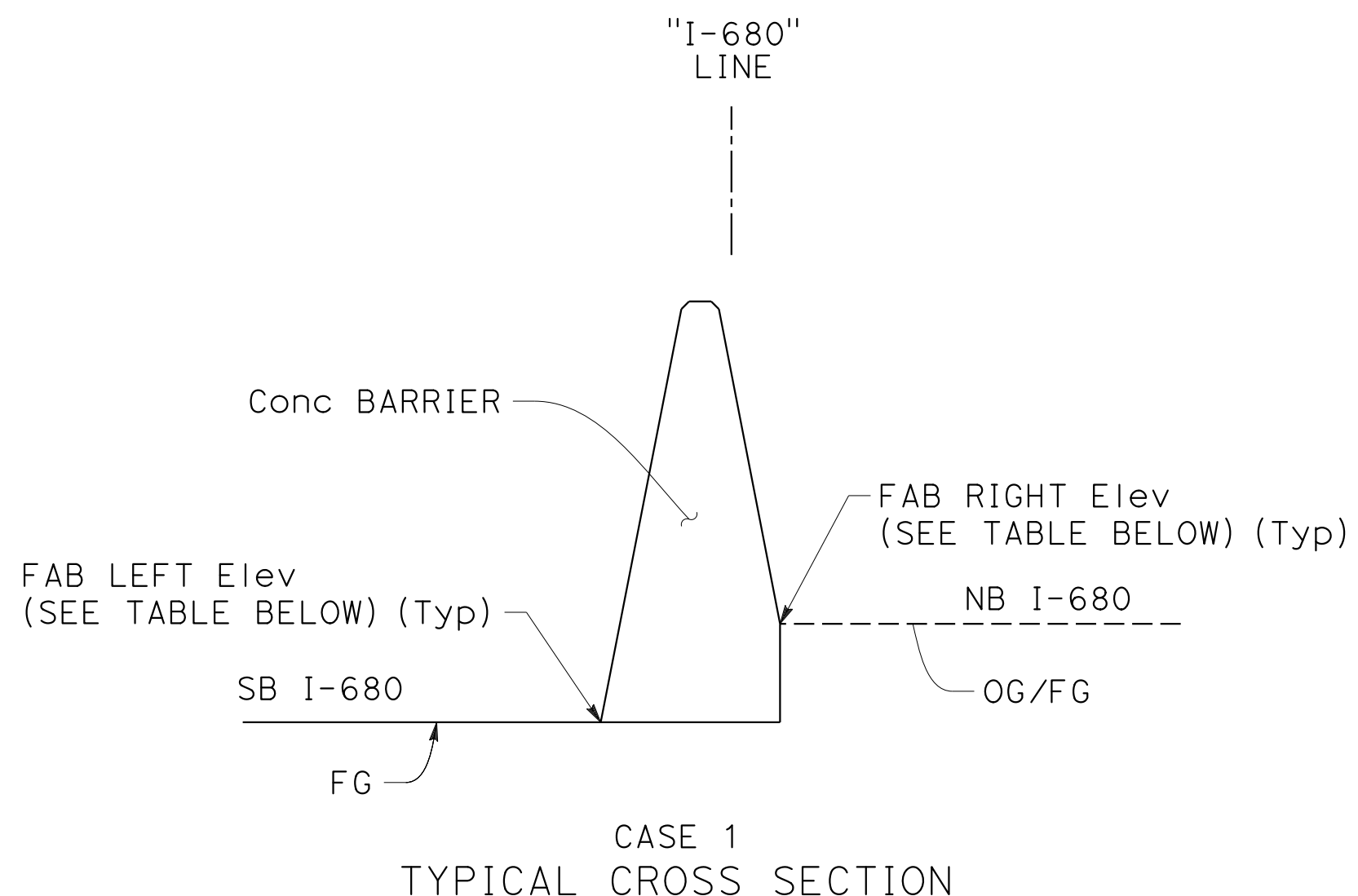
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 09-29-21 TIME PLOTTED => 12:41

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	151	1710
 REGISTERED CIVIL ENGINEER			9-29-21 DATE		
October 8, 2021 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>					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

ABBREVIATIONS:

FAB - FINISHED GRADE AT BARRIER
 (XX.XX) - Exist ELEVATION TO BE VERIFIED

LEGEND:



MEDIAN CONCRETE BARRIER

ALIGNMENT	STATION	FAB LEFT		TYPE CB	FAB RIGHT		CASE
		OFFSET [ft]	Elev [ft]		OFFSET [ft]	Elev [ft]	
"I-680"	567+50.00	-71.12	(361.21)	60MC	-69.12	361.25	1
"I-680"	568+00.00	-71.44	(360.51)	60MC	-69.38	360.84	1
"I-680"	568+50.00	-71.73	(360.04)	60MC	-69.65	360.52	1
"I-680"	569+00.00	-72.19	(358.46)	60MC	-69.92	360.16	1
"I-680"	569+50.00	-72.41	(358.24)	60MC	-70.18	359.72	1
"I-680"	570+00.00	-72.65	(358.05)	60MC	-70.44	359.36	1
"I-680"	570+37.80	-76.22	(359.28)	60MC	-70.64	359.11	2

TOLL SYSTEM CABINET PAD LOCATION

LOCATION OF TOLL SYSTEM CABINET PAD REFERENCE POINT			CONCRETE PAD FOUNDATION		
TOLL SYSTEM CABINET	STATION	OFFSET	LENGTH L	WIDTH W	Elev
AT&T TELCO SITE	"I-680" 160+18.3	220.0' Lt	15'	6'	260.60
TOLL SITE NO. 41	"I-680" 265+18	84.0' Lt	15'	6'	343.09
TOLL SITE NO. 42	"I-680" 296+40	85.0' Lt	15'	6'	352.95
TOLL SITE NO. 42A	"I-680" 303+40	126.7' Rt	5.5'	4'	351.61
TOLL SITE NO. 43A	"I-680" 355+03	70.0' Lt	5.5'	4'	327.50
TOLL SITE NO. 44	"I-680" 359+32	70.6' Lt	15'	6'	327.97
TOLL SITE NO. 45	"I-680" 400+08	70.6' Lt	15'	6'	330.83
TOLL SITE NO. 45A	"I-680" 424+03	70.8' Lt	5.5'	4'	328.88
TOLL SITE NO. 46	"I-680" 428+08	71.6' Lt	15'	6'	329.48
TOLL SITE NO. 47	"I-680" 455+95	70.6' Lt	15'	6'	331.57
TOLL SITE NO. 48	"I-680" 496+59	70.0' Lt	15'	6'	334.66
TOLL SITE NO. B2	"I-680" 531+97	93.31' Rt	5.5'	4'	330.77
TOLL SITE NO. B1	"I-680" 535+45	87.83' Rt	9.75'	4.2'	331.29
TOLL SITE NO. 49	"I-680" 537+85	85.0' Lt	15'	6'	330.86
TOLL SITE NO. 50	"I-680" 558+60	109.5' Lt	15'	3.5'	356.27
TOLL SITE NO. B3	"I-680" 573+55	75.9' Lt	15'	5'	357.77
TOLL SITE NO. 51	"I-680" 597+51	107.6' Lt	15'	6'	338.20
TOLL SITE NO. 53	"I-680" 629+33	100.1' Lt	15'	3.5'	365.93
AT&T TELCO SITE	"SAB" 658+80	45.6' Lt	15'	6'	416.08

CONSTRUCTION DETAILS

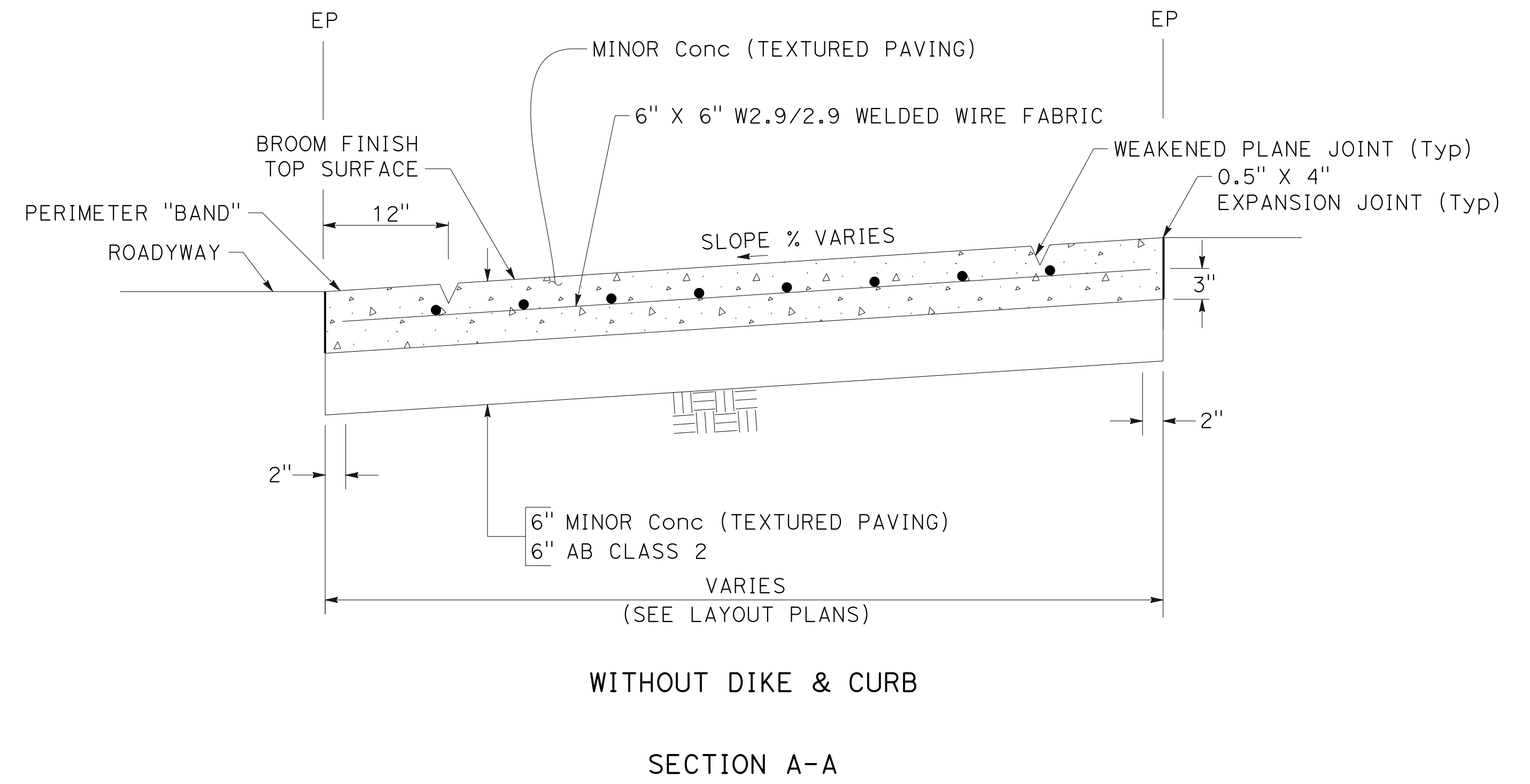
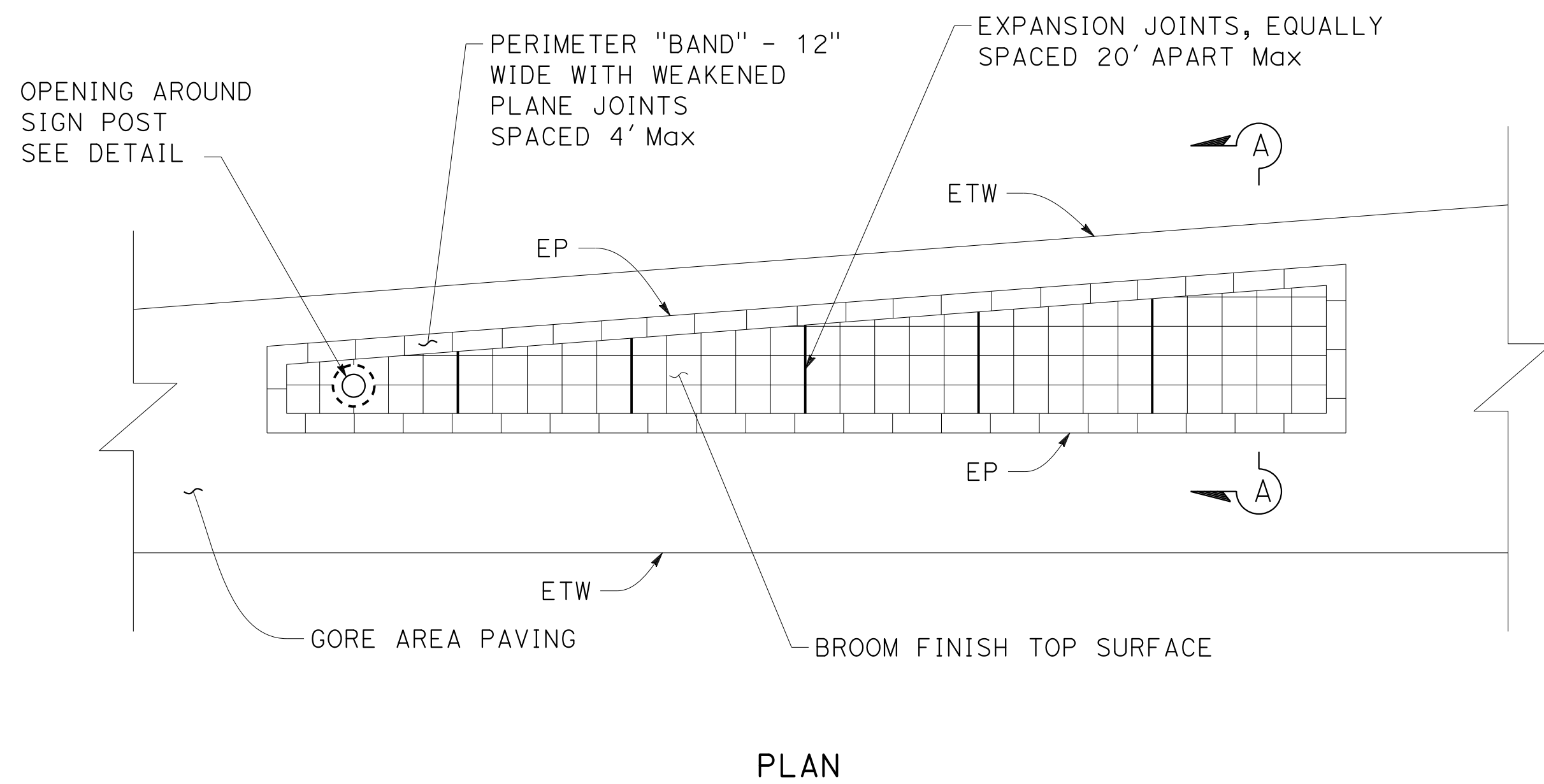
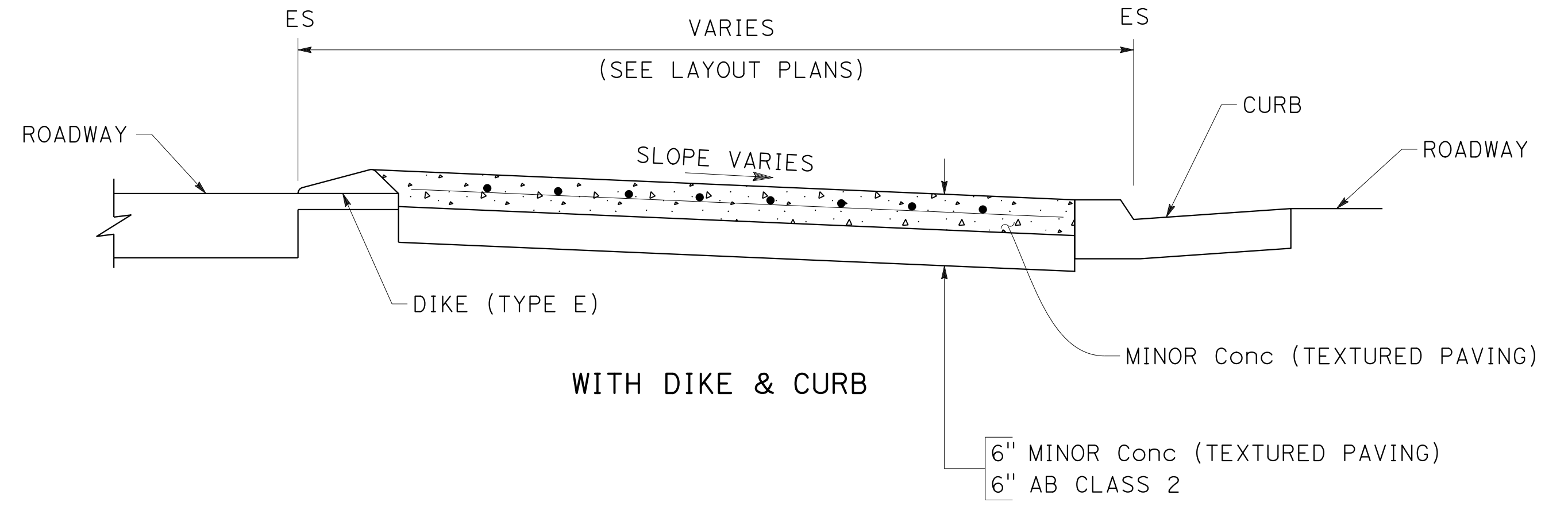
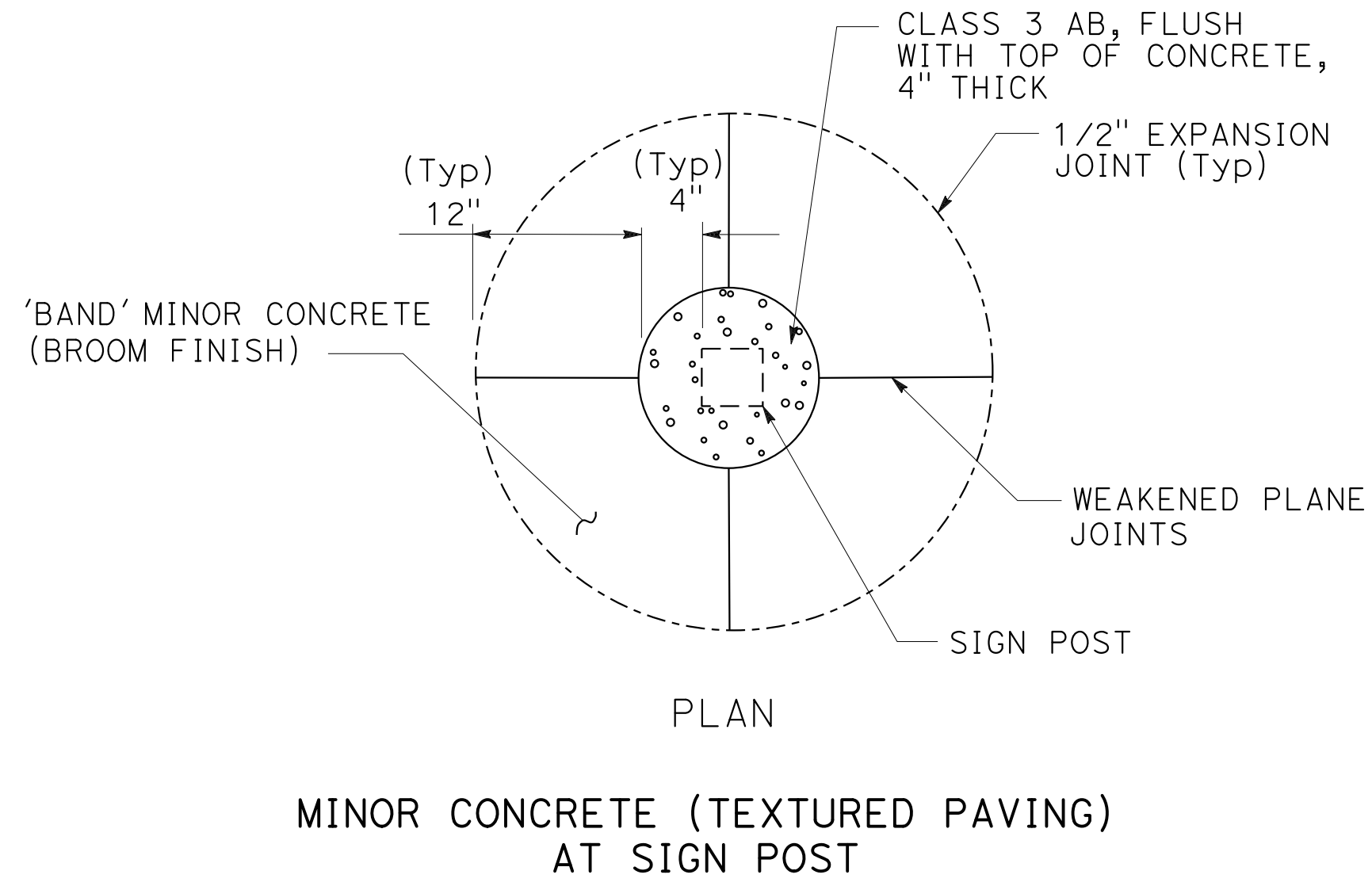
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Abhijeet R. Bhoi
 SUPERVISOR
 MOHA MUDAQITO
 TIANHUA SUN
 REVISIONS: 9-29-21
 BO

LAST REVISION: 09-29-21 DATE PLOTTED => 7-MAR-2022 TIME PLOTTED => 12:41

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	152	1710
			REGISTERED CIVIL ENGINEER	DATE	
			CHUONG NGUYEN	9-29-21	
			PLANS APPROVAL DATE		
			October 8, 2021		
<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>					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTES:

- WEAKENED PLANE JOINTS 0.5" DEEP (Typ).
- BROOM FINISH SHALL BE MEDIAN BROOM.
- TOP OF CONCRETE SHALL BE FLUSH WITH TOP OF ADJACENT PAVING.



CONTRASTING SURFACE AREA

CONSTRUCTION DETAILS
NO SCALE

C-79

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



CONSULTANT - FUNCTIONAL SUPERVISOR

TIMOTHY J. LEE

CALCULATED - DESIGNED BY

CHECKED BY

CHARLIE CHRES

JOHN NGUYEN

REVISED BY

DATE REVISED

CC

12-23-21

CC

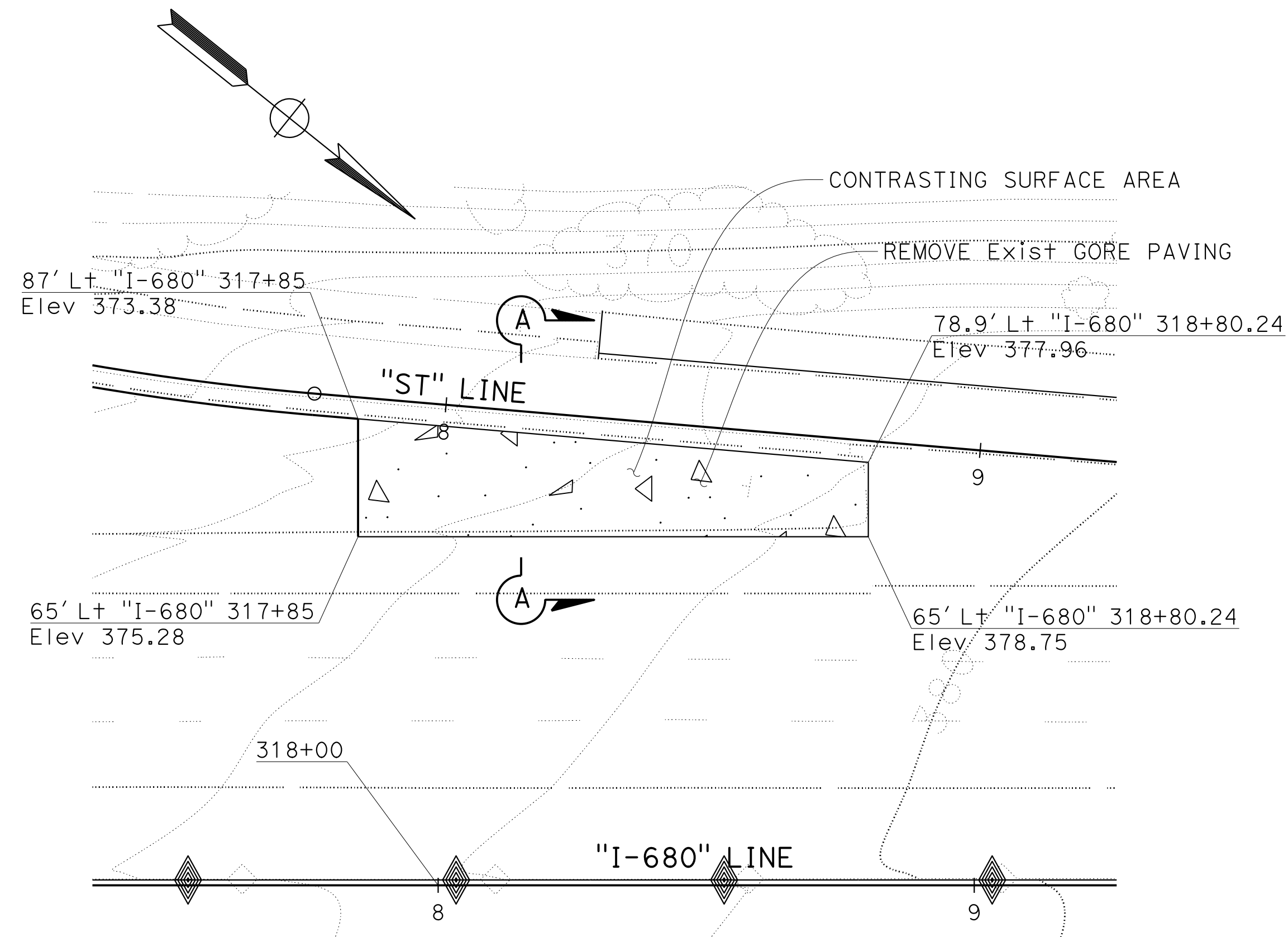
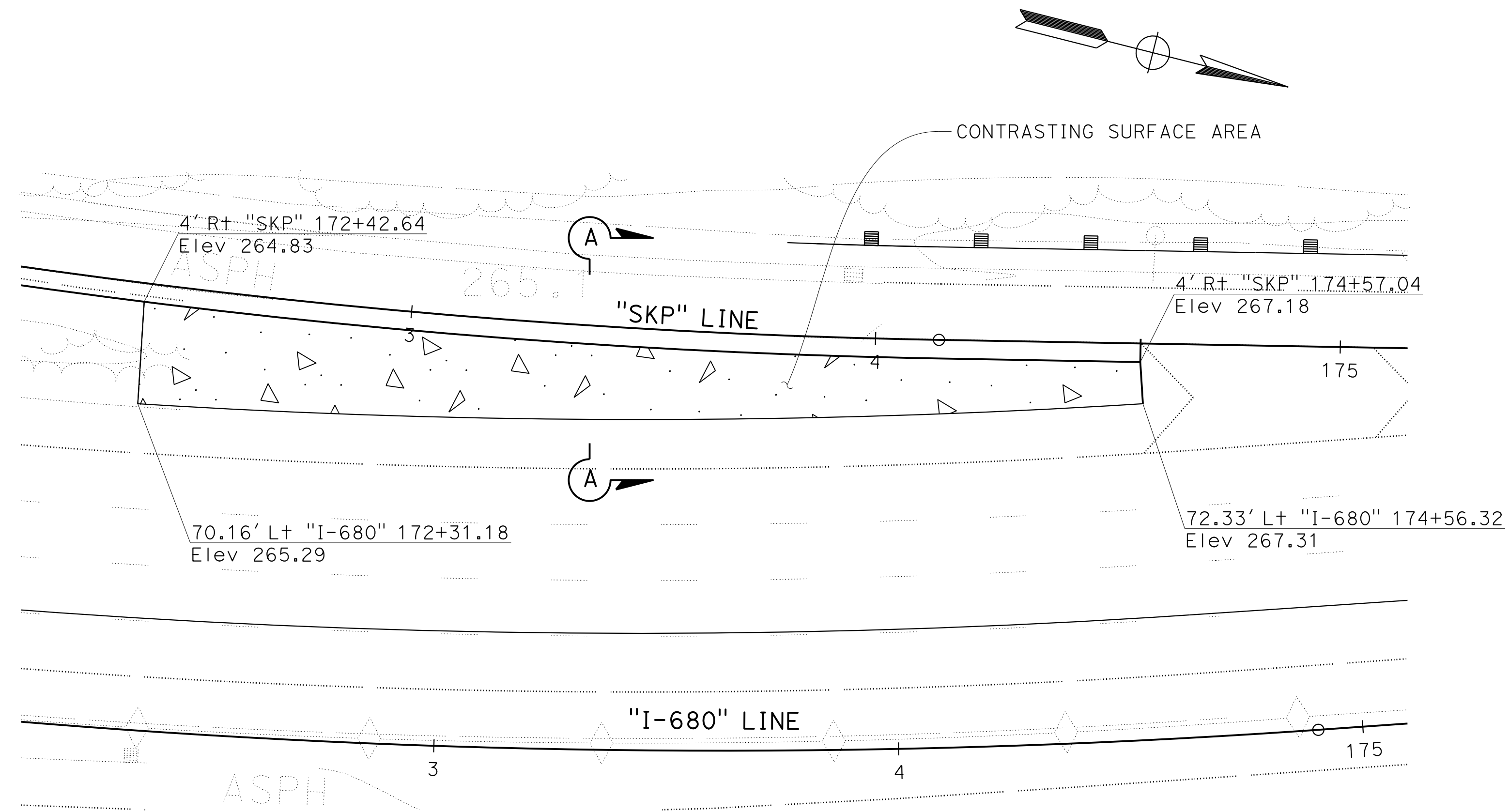
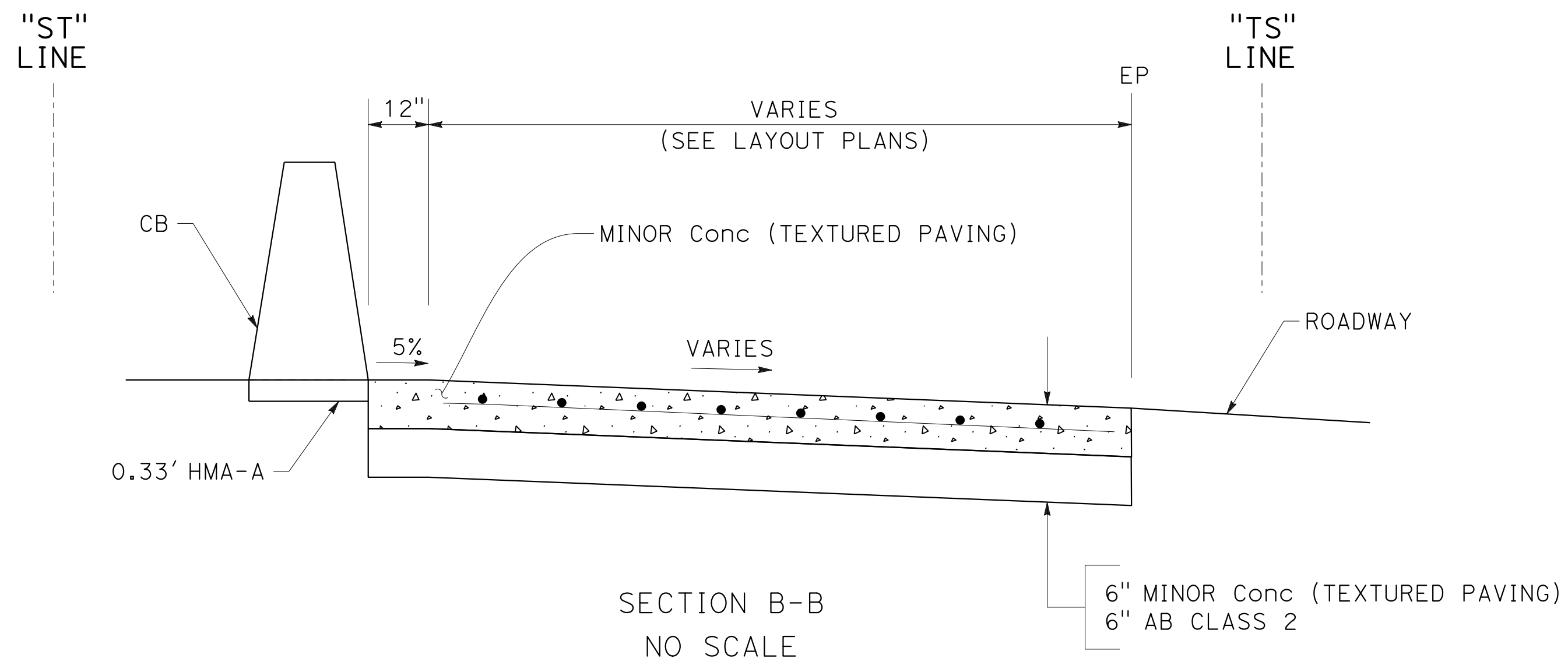
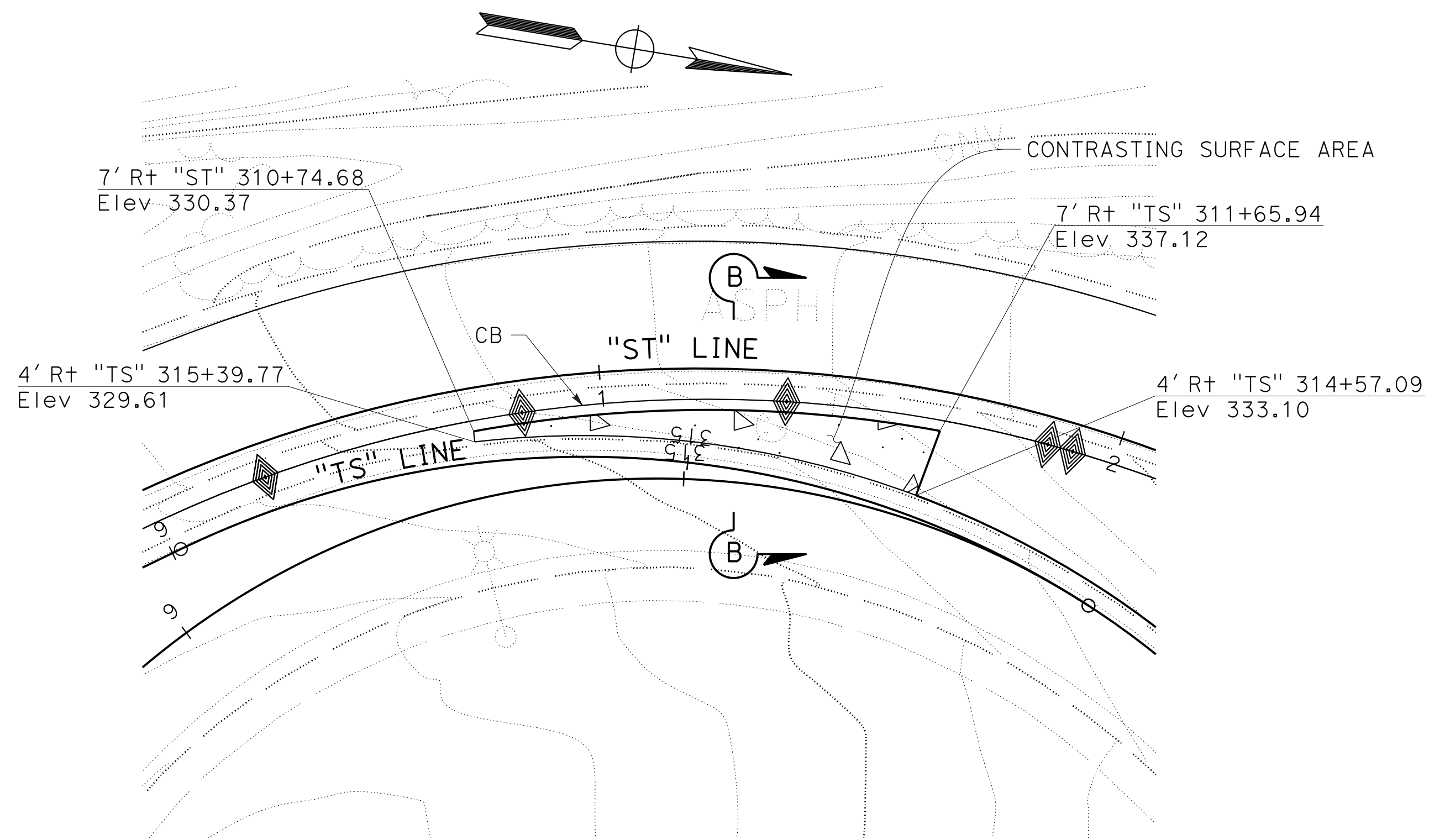
9-29-21



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	153	1710
REGISTERED CIVIL ENGINEER			DATE	9-29-21	
October 8, 2021			PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE

SEE SHEET C-79 FOR DETAIL AND SECTION OF CONTRASTING SURFACE AREA.



CONTRASTING SURFACE AREA

CONSTRUCTION DETAILS

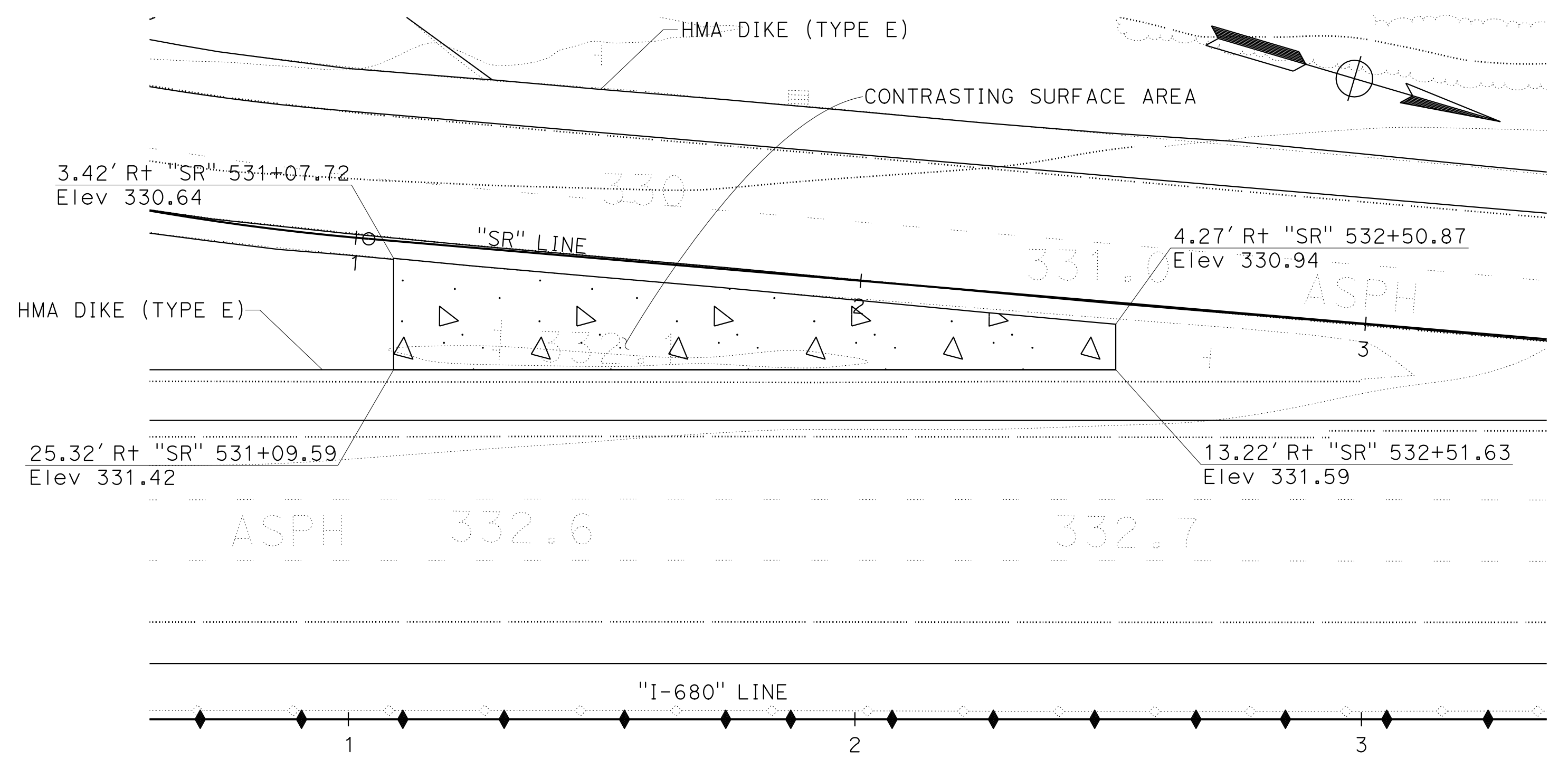
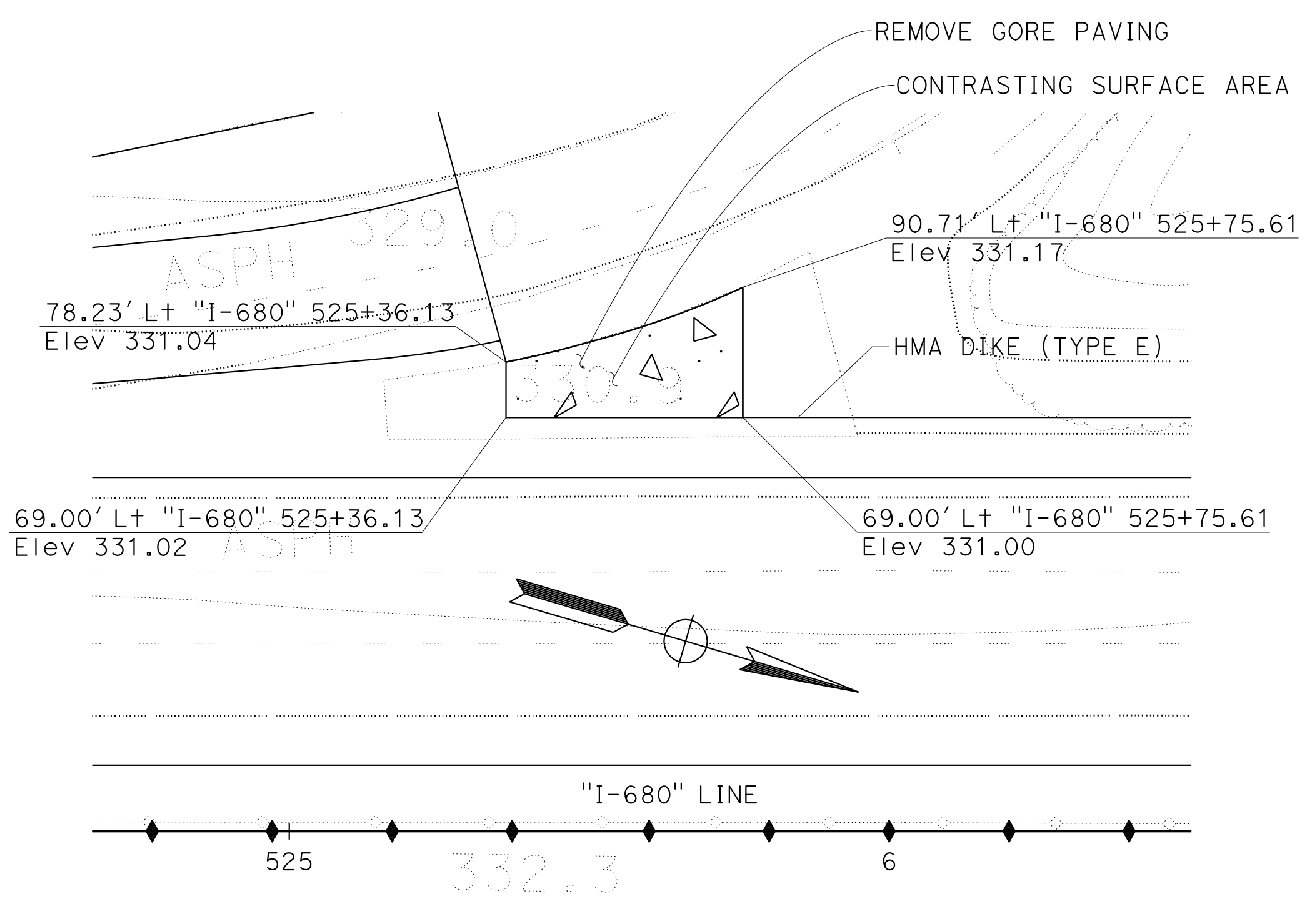
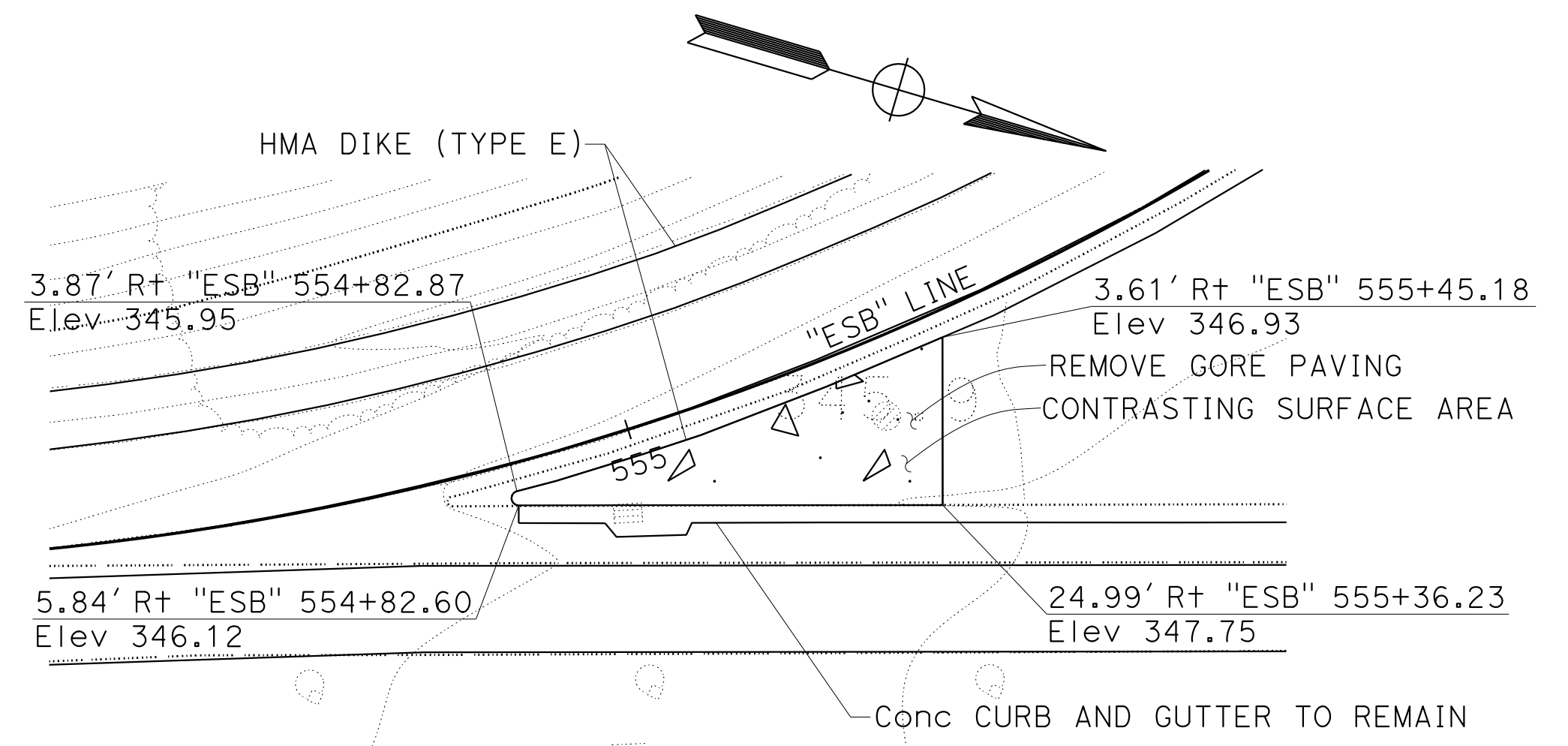
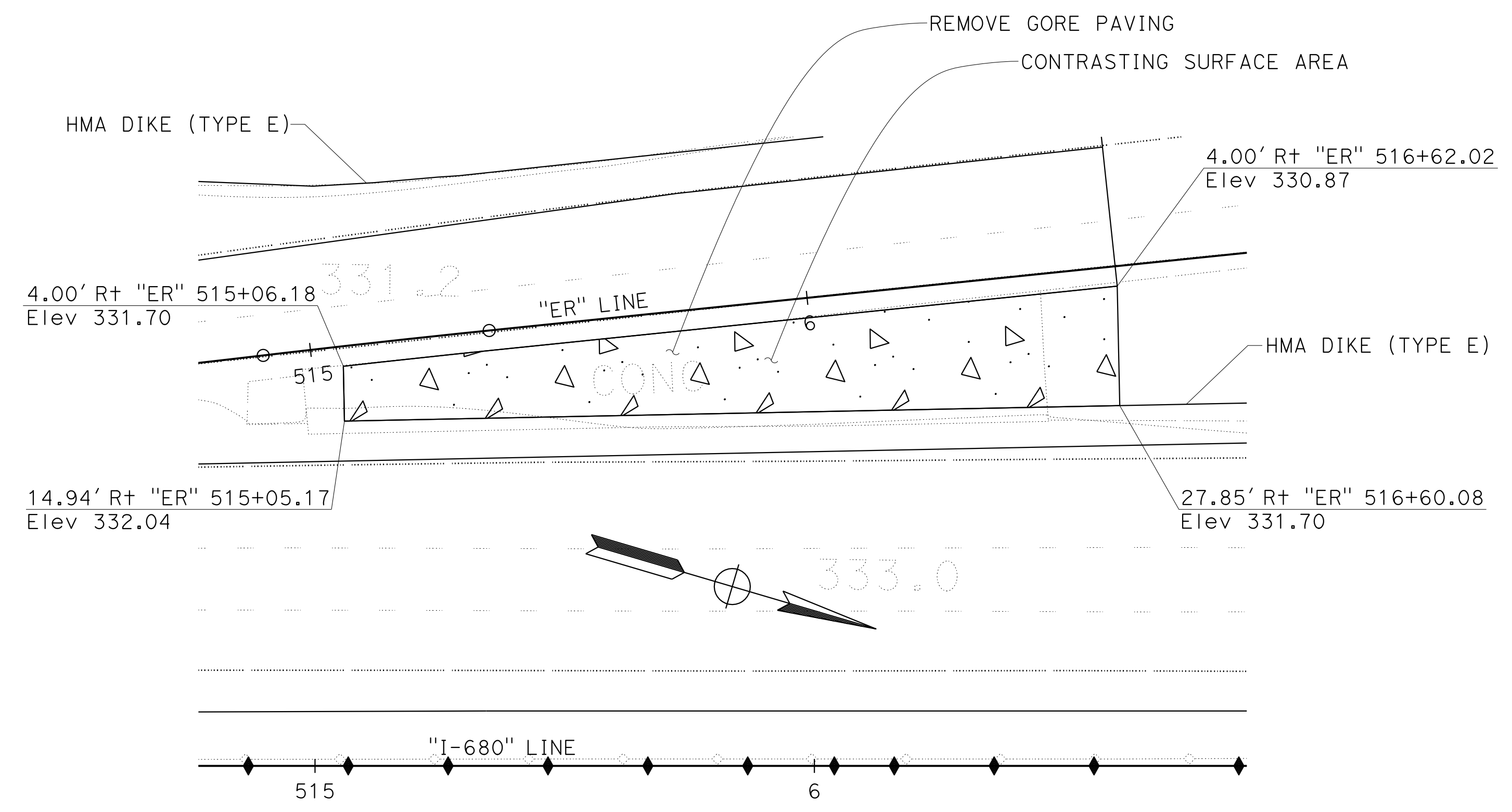
SCALE: 1" = 20'

C-80

CC	12-23-21
CC	9-29-21
REVISOR	DATE
CHARLIE CHRES	JOHN NGUYEN
CALCULATED/DESIGNED BY	CHECKED BY
TIMOTHY J. LEE	
CONSULTANT FUNCTIONAL SUPERVISOR	
DEPARTMENT OF TRANSPORTATION	
STATE OF CALIFORNIA	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	154	1710
REGISTERED CIVIL ENGINEER Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL			9-29-21 DATE October 8, 2021 PLANS APPROVAL DATE		
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:
SEE SHEET C-79 FOR DETAIL AND SECTION OF CONTRASTING SURFACE AREA.



CONTRASTING SURFACE AREA

CONSTRUCTION DETAILS

SCALE: 1" = 20' **C-81**

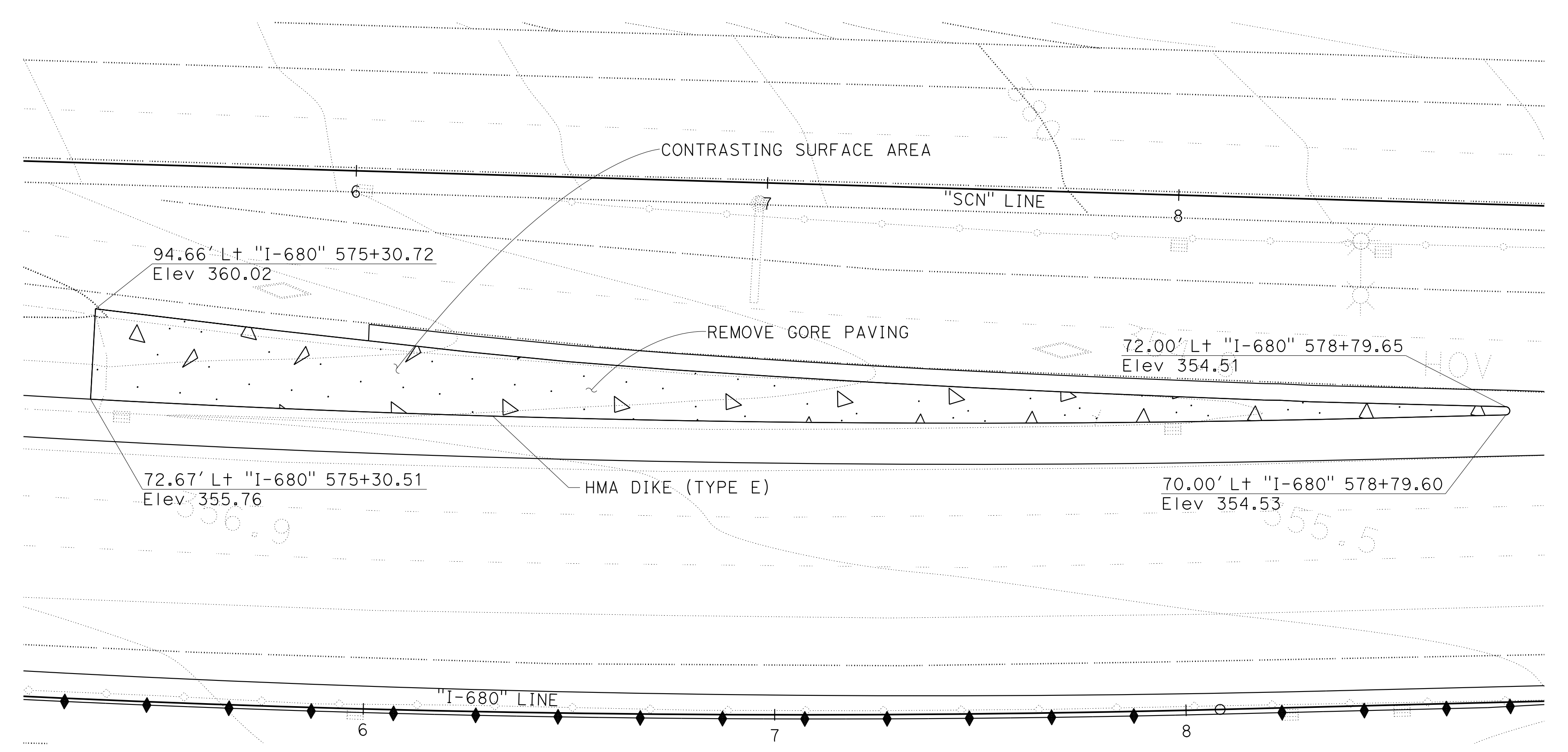
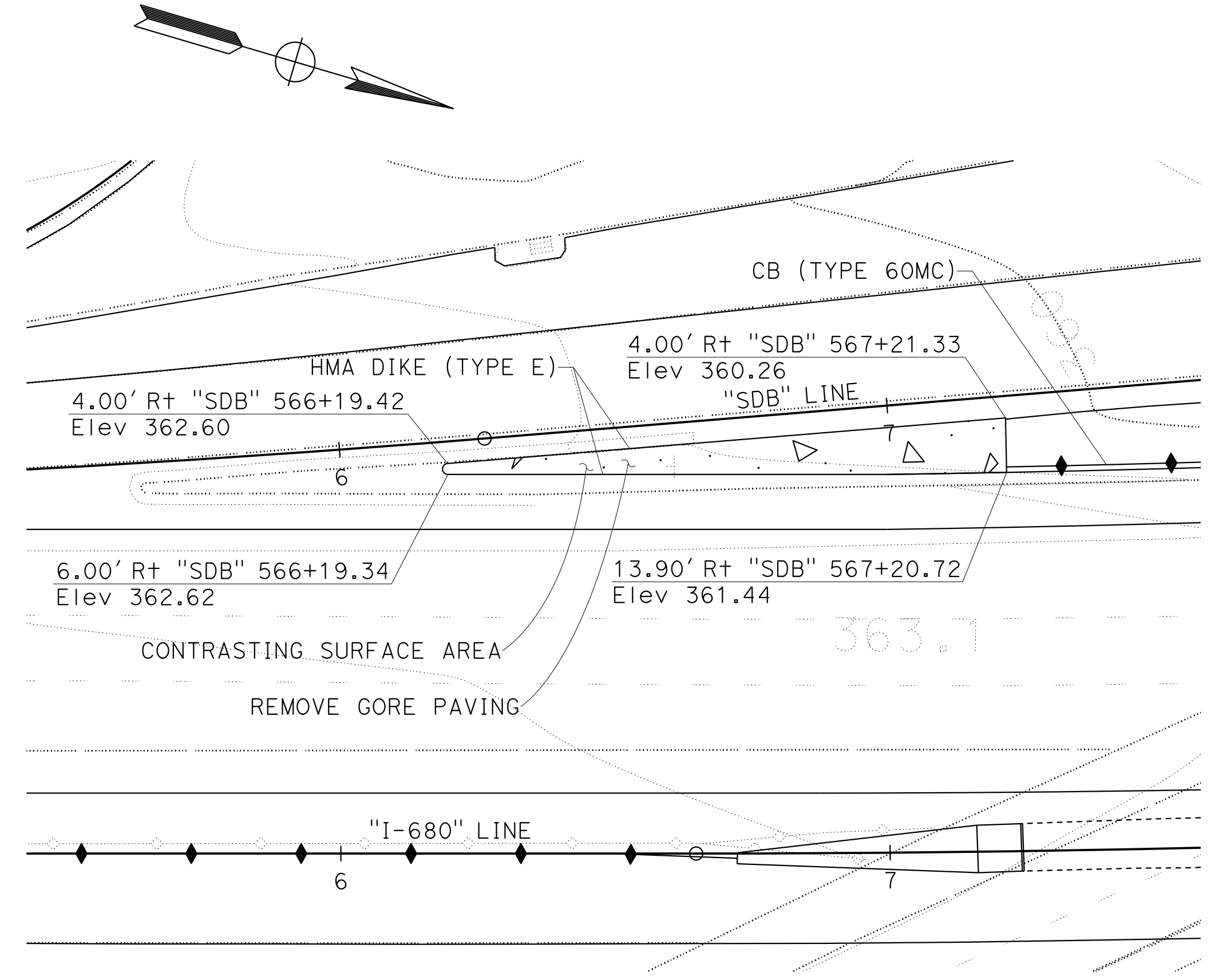
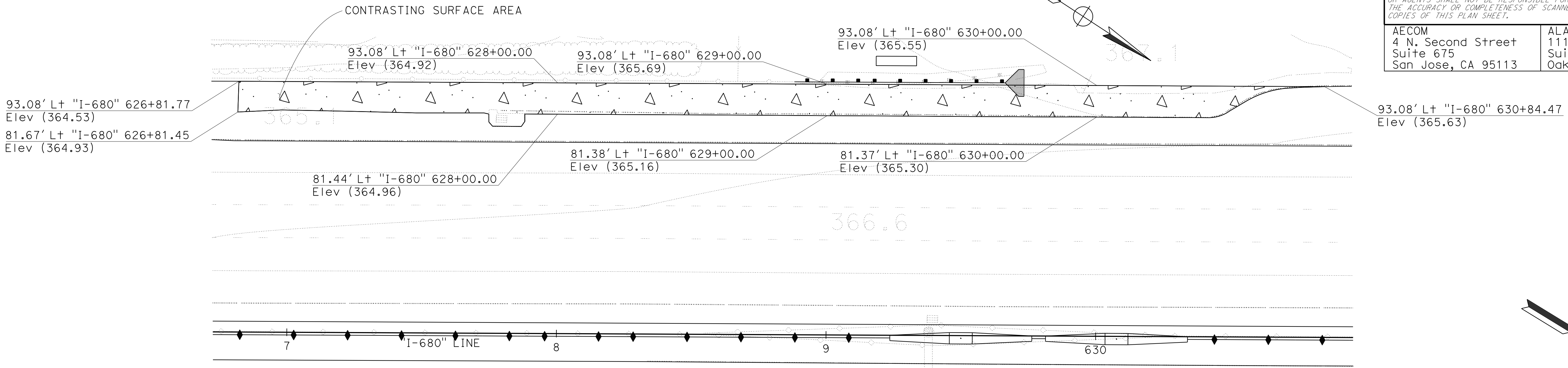
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	DESIGNED BY	REVISIONS	DATE
0:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga081.dgn STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION 	ABHIJEET R. BHOI	BENJAMIN DEMONBREUN	BENJAMIN DEMONBREUN	BD	9-29-21
		TIANHUA SUN	TIANHUA SUN		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	155	1710
REGISTERED CIVIL ENGINEER Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL STATE OF CALIFORNIA			9-29-21 DATE October 8, 2021 PLANS APPROVAL DATE		
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:

SEE SHEET C-79 FOR DETAIL AND SECTION OF CONTRASTING SURFACE AREA.

BD	9-29-21
REVISOR	DATE
BENJAMIN DEMONBREUN	TIANHUA SUN
CALCULATED/DESIGNED BY	CHECKED BY
ABHIJEET R. BHOI	
CONSULTANT FUNCTIONAL SUPERVISOR	
DEPARTMENT OF TRANSPORTATION	
STATE OF CALIFORNIA	



CONSTRUCTION DETAILS

CONTRASTING SURFACE AREA

SCALE: 1" = 20' **C-82**

O:\0030\UDRAFT\ING\FINAL_P58E\0420000235ga083.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: FUNCTIONAL SUPERVISOR
 TIMOTHY J. LEE
 CALCULATED/DESIGNED BY
 CHECKED BY
 JOHN NGUYEN
 CHARLIE CHRES
 REVISED BY
 DATE REVISED
 9-29-21
 12-23-21
 CC
 CC

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	156	1710

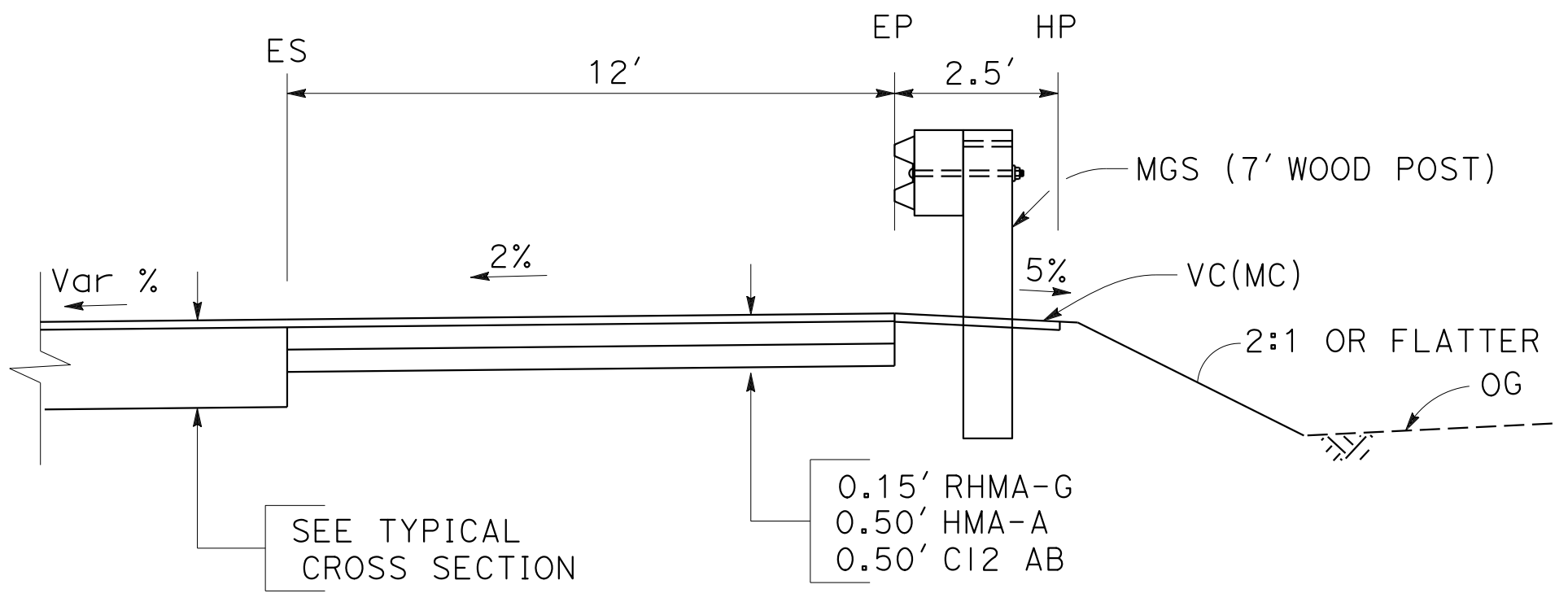
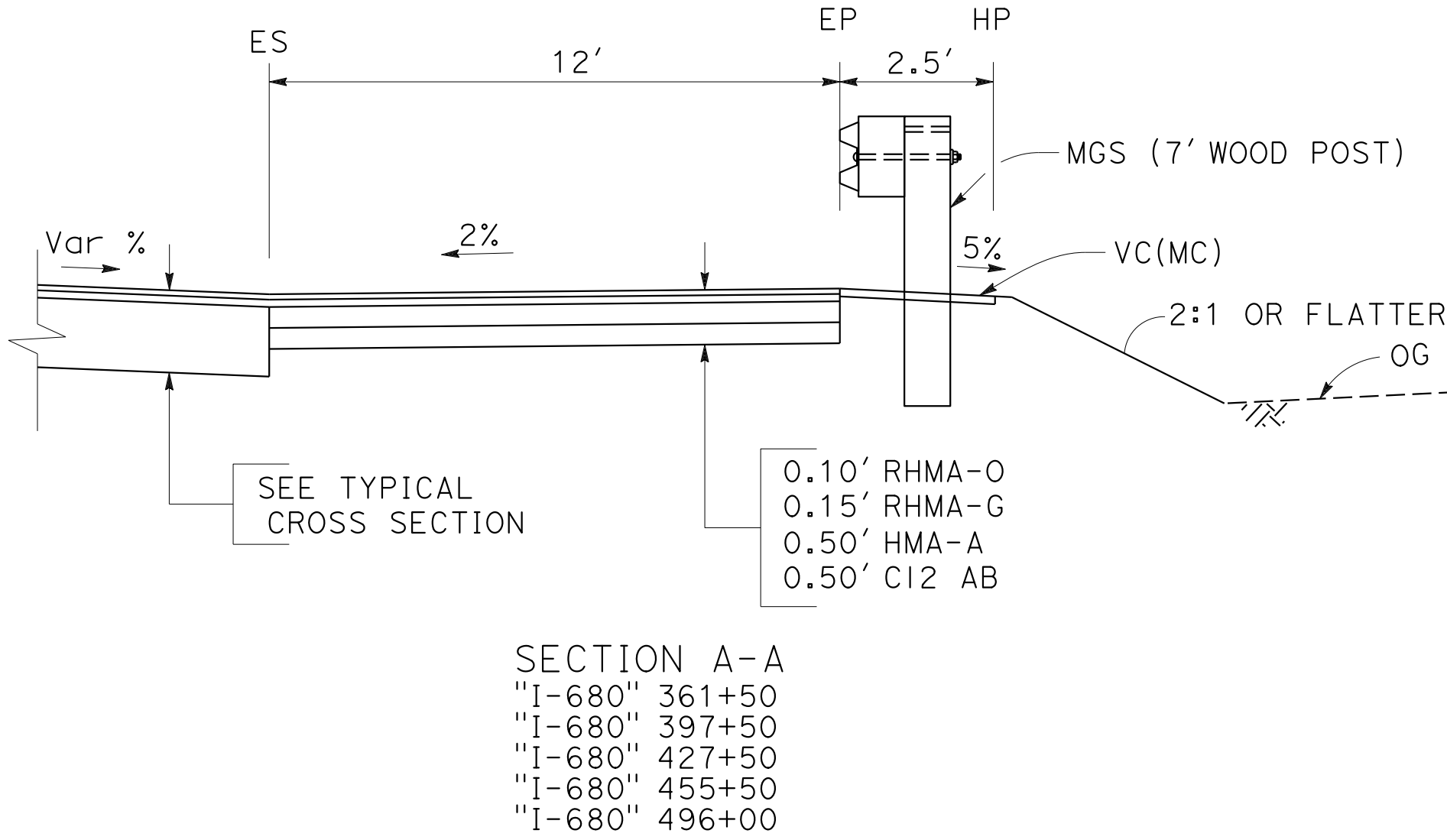
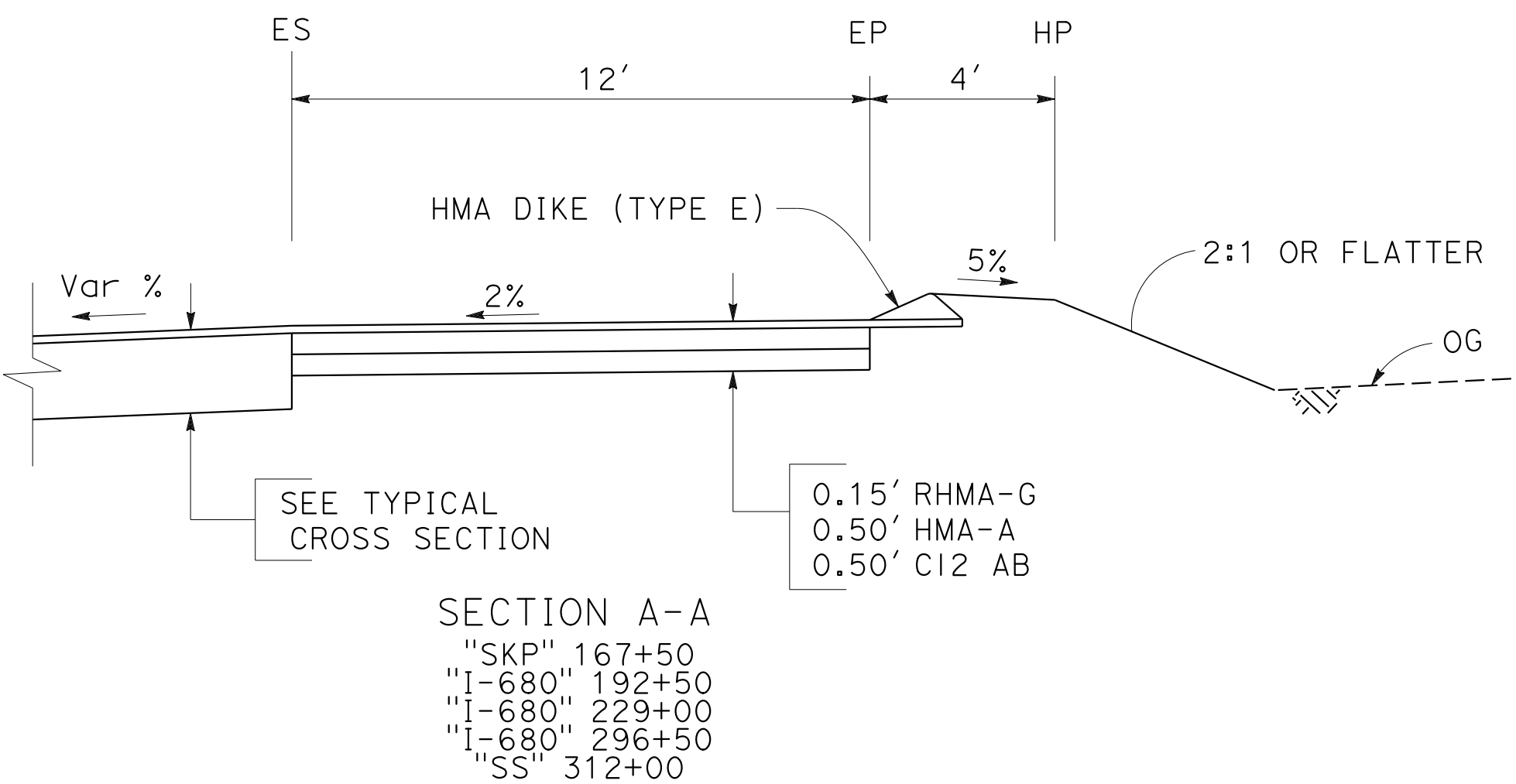
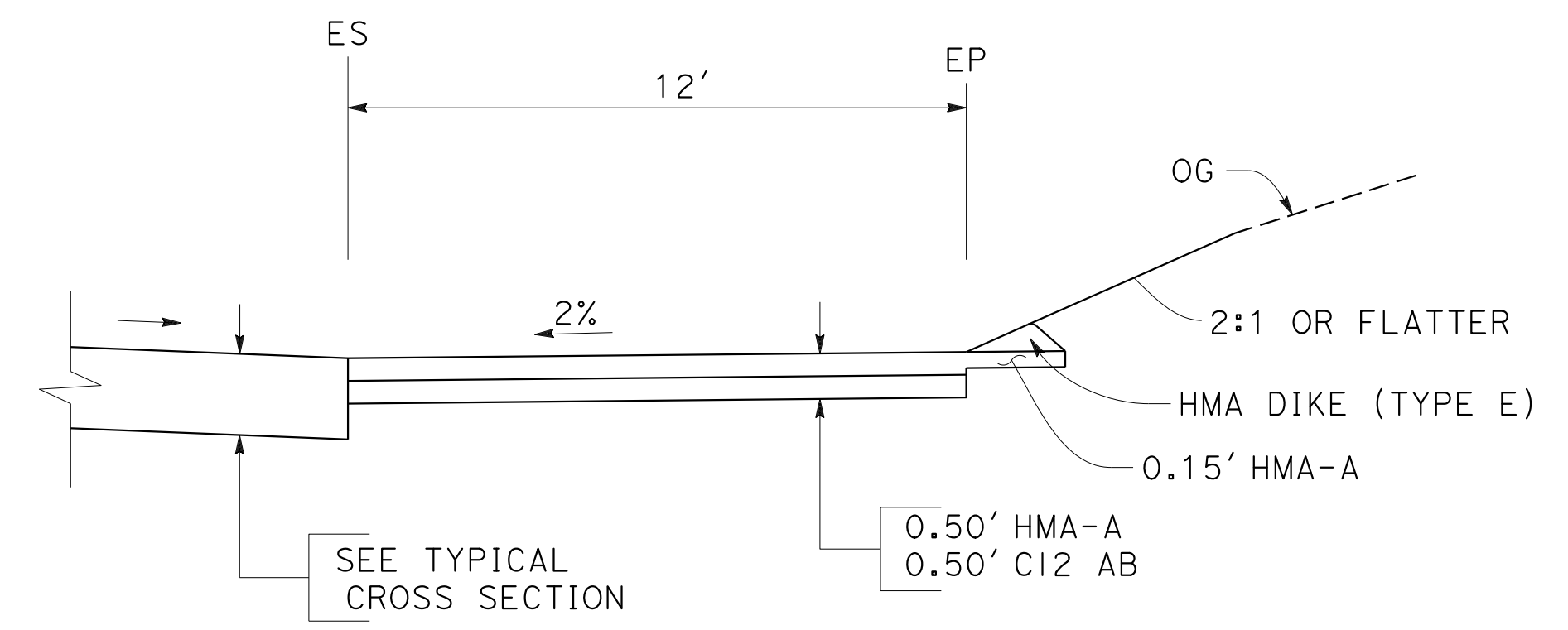
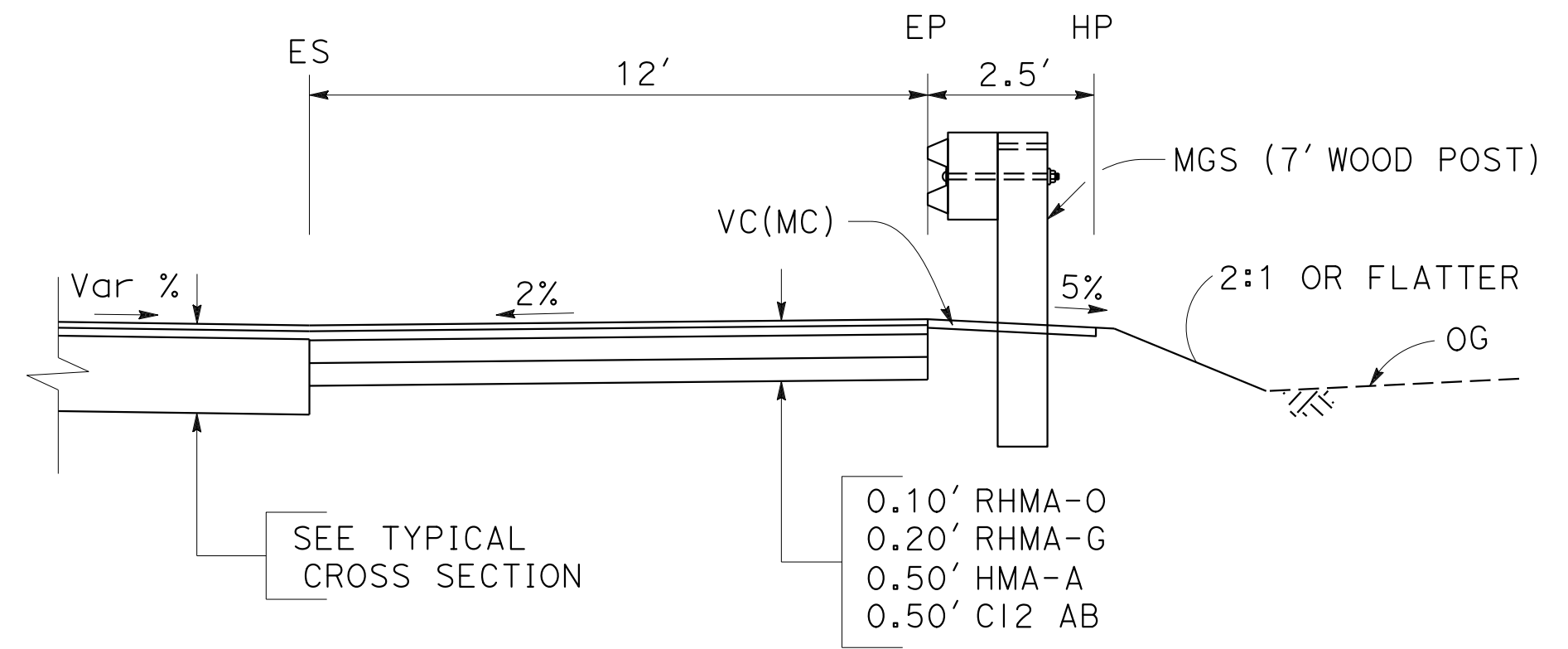
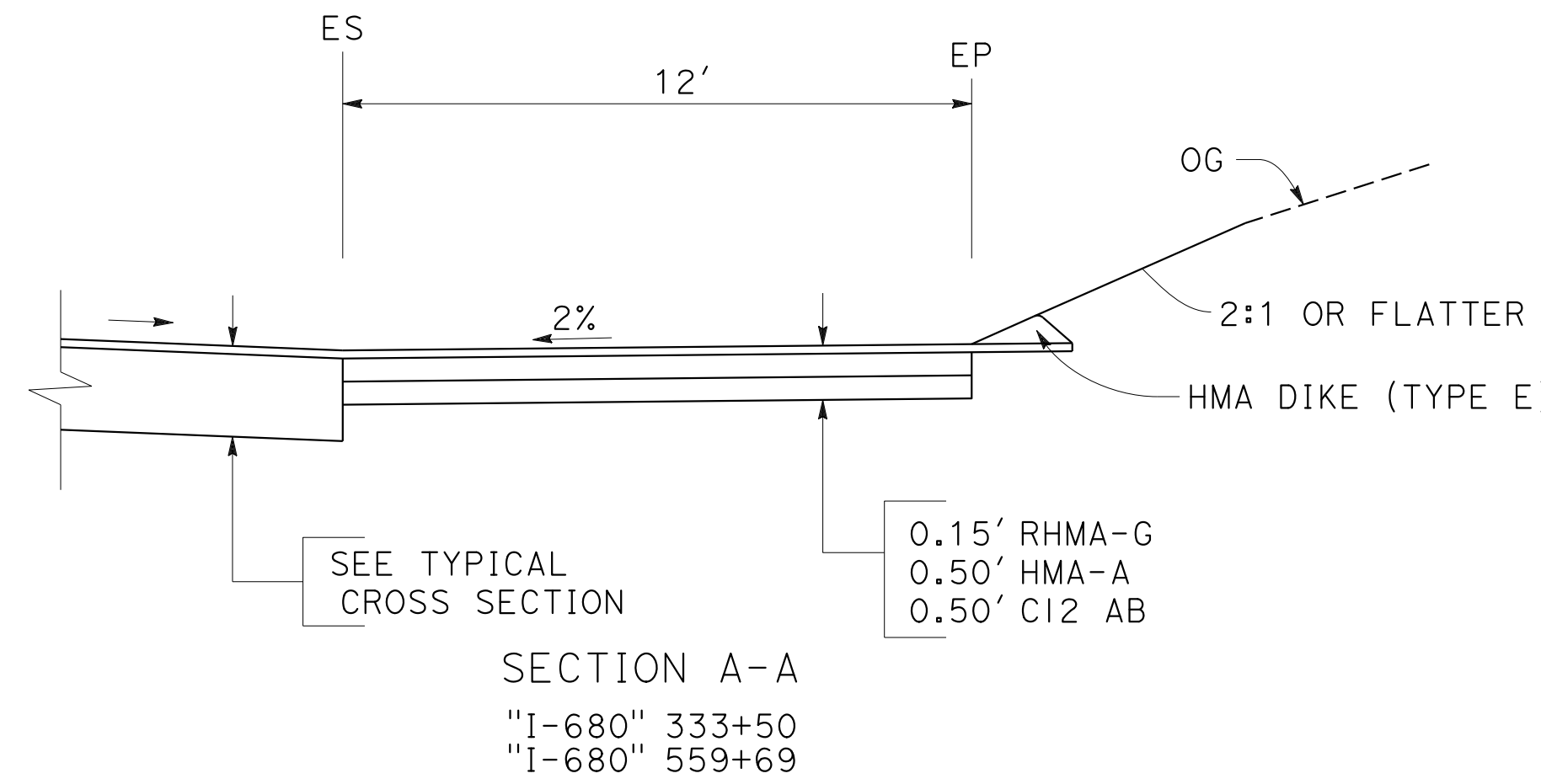
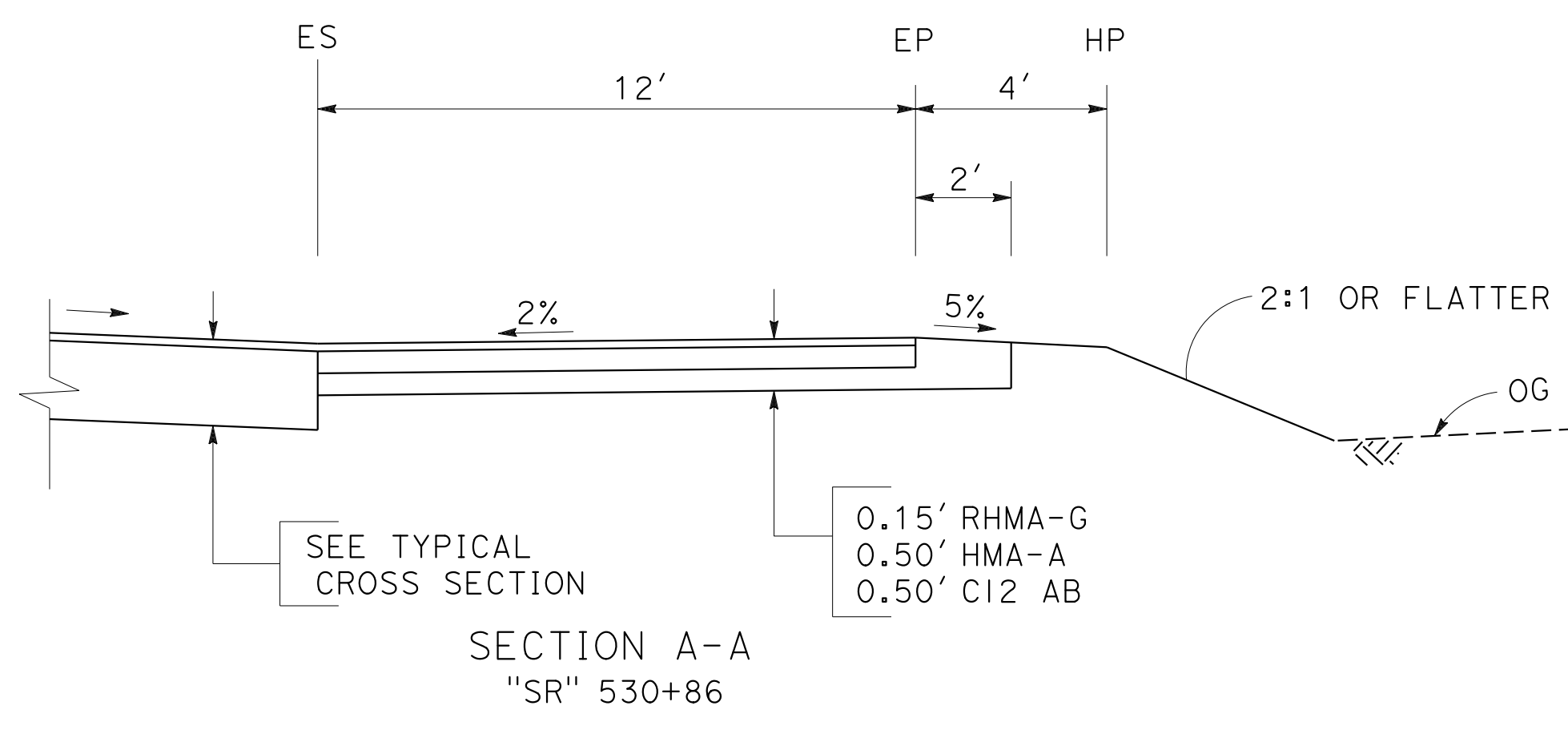
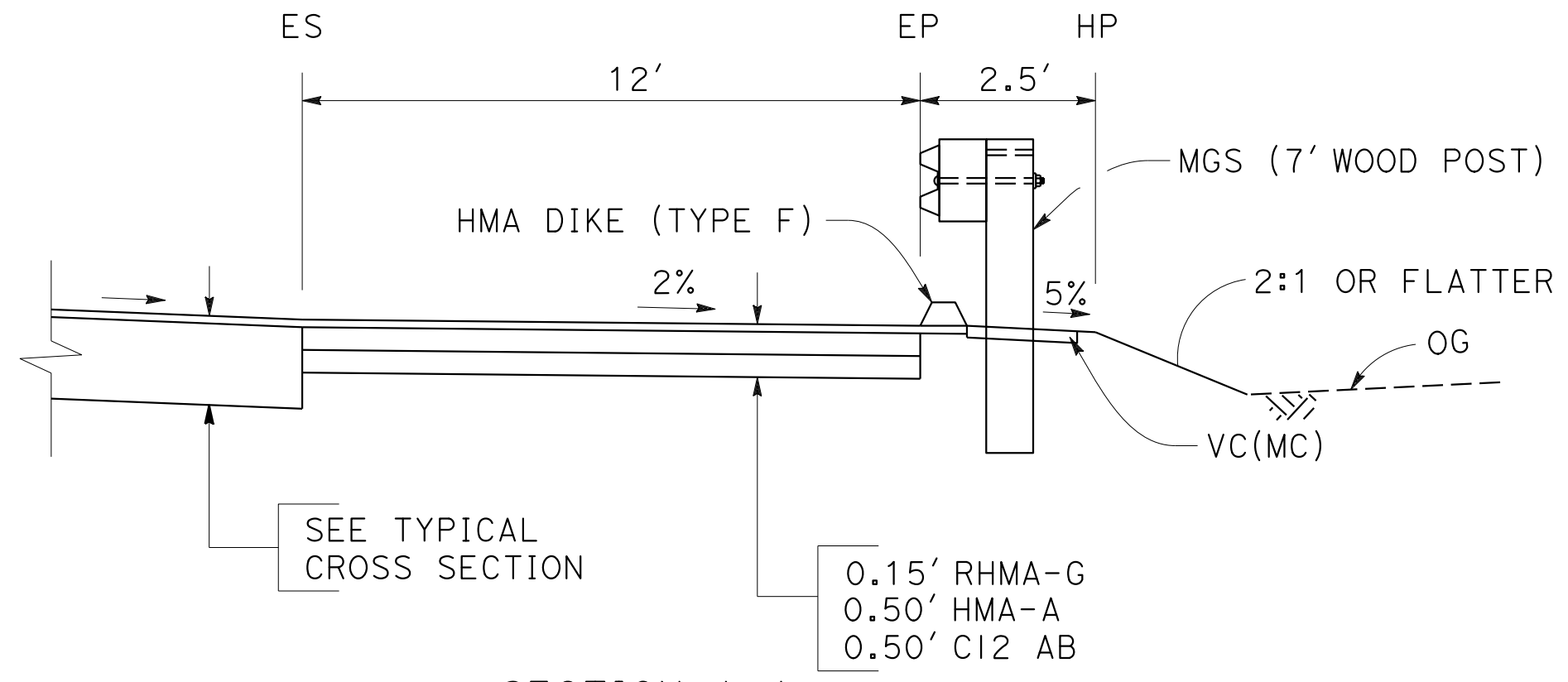
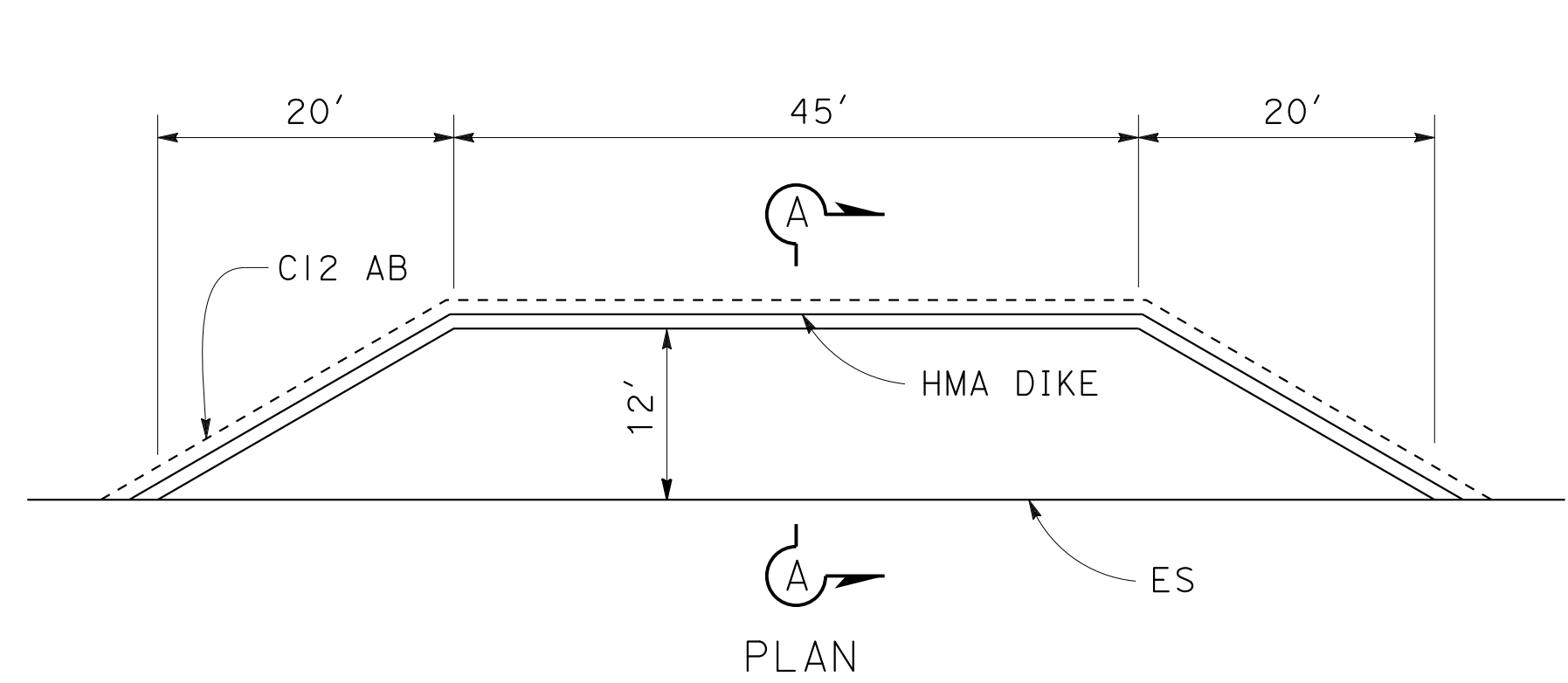
REGISTERED CIVIL ENGINEER
 9-29-21
 DATE
 October 8, 2021
 PLANS APPROVAL DATE

CHUONG NGUYEN
 No. C46770
 Exp. 6-30-23
 CIVIL
 STATE OF CALIFORNIA

WMH CORPORATION
 55 South Market St
 Suite 1200
 San Jose, CA 95113

ALAMEDA CTC
 1111 Broadway
 Suite 800
 Oakland, CA 94607

ABBREVIATION:
 VC(MC) VEGETATION CONTROL (MINOR CONCRETE)



MAINTENANCE VEHICLE PULLOUT

CONSTRUCTION DETAILS
NO SCALE

C-83

LEGEND:

 TOLL SYSTEM CABINET PAD REFERENCE POINT

NOTE:

FOR ADDITIONAL DETAILS SEE ELECTRONIC TOLL SYSTEM PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	157	1710

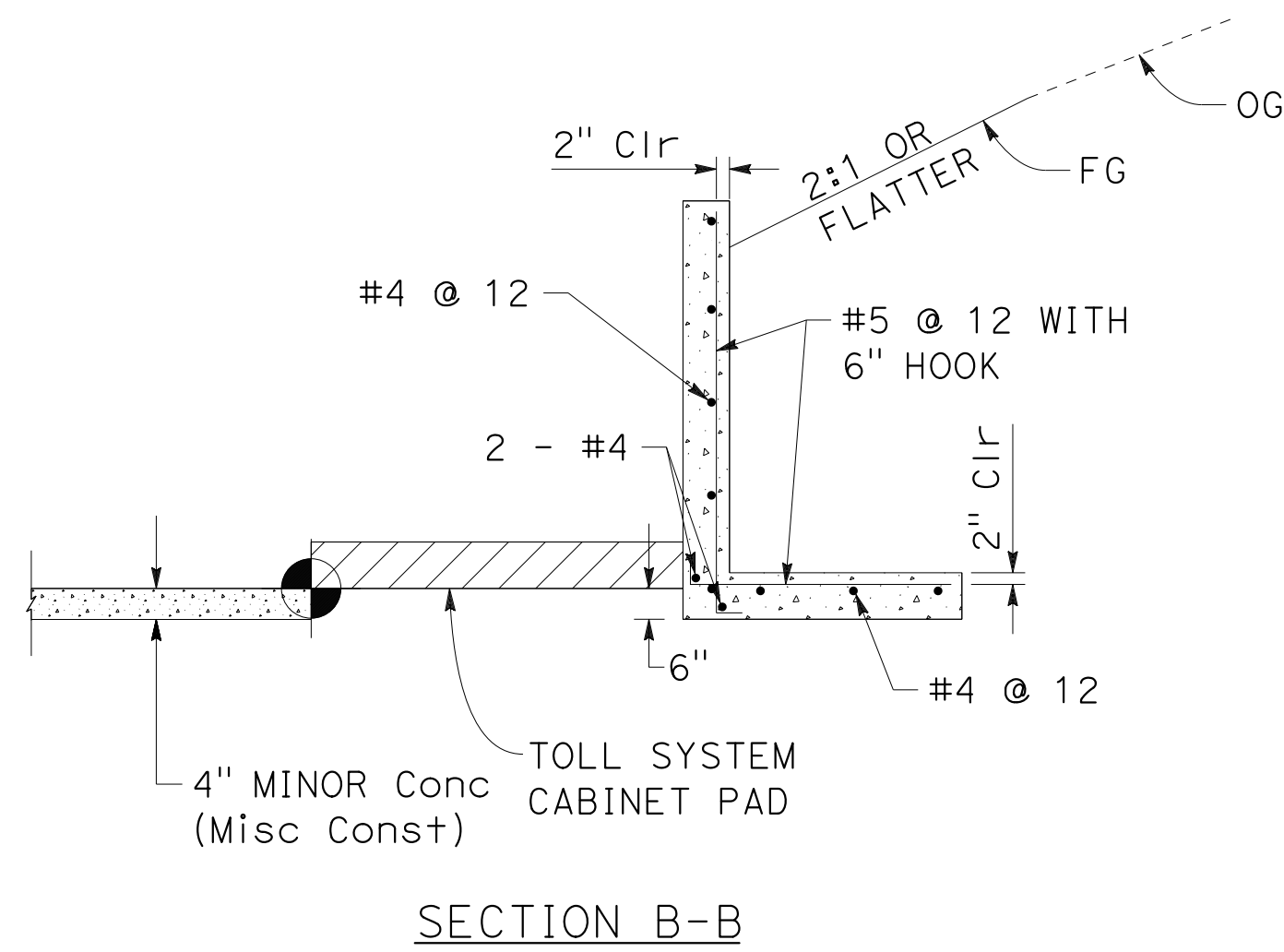
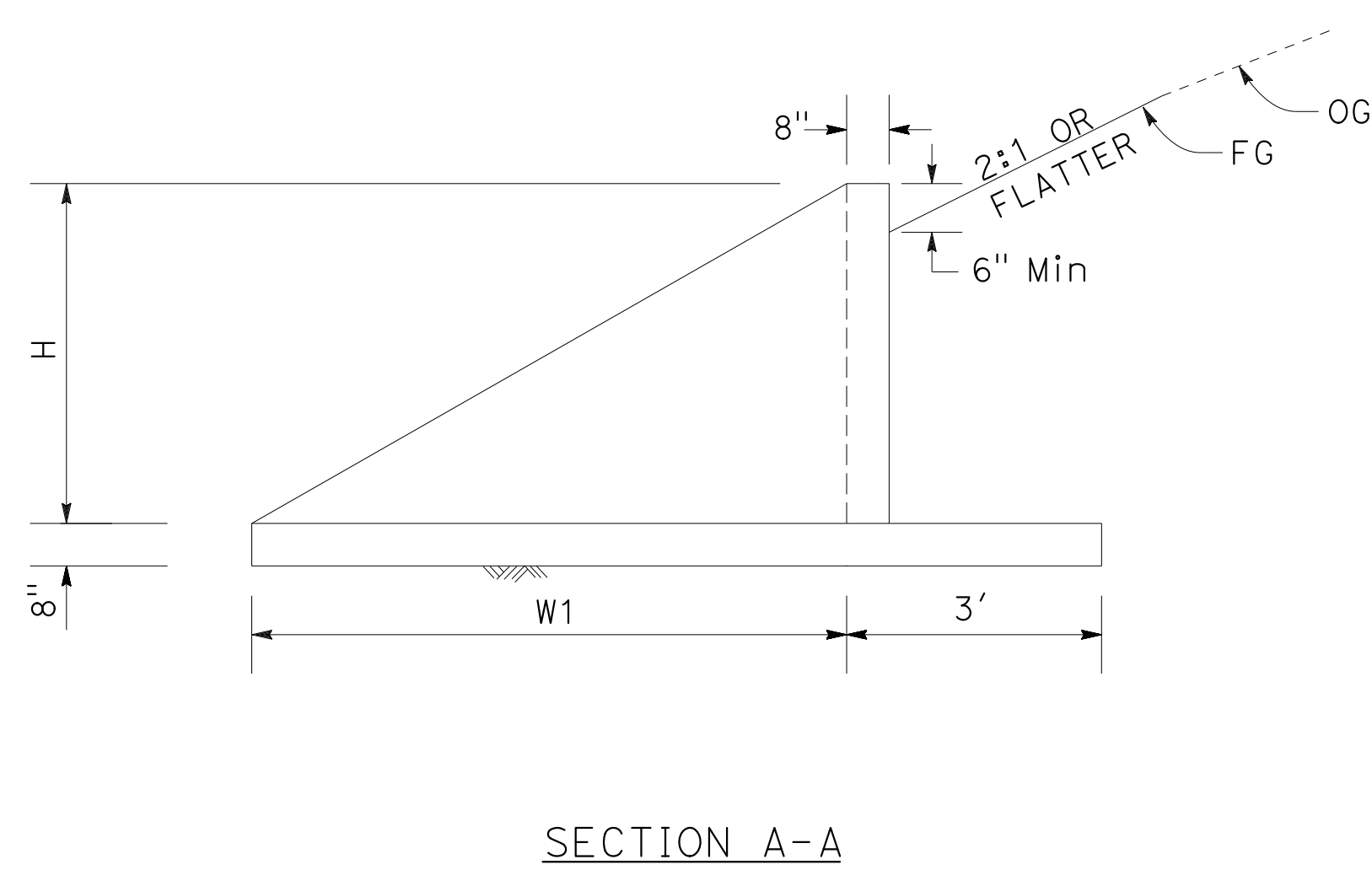
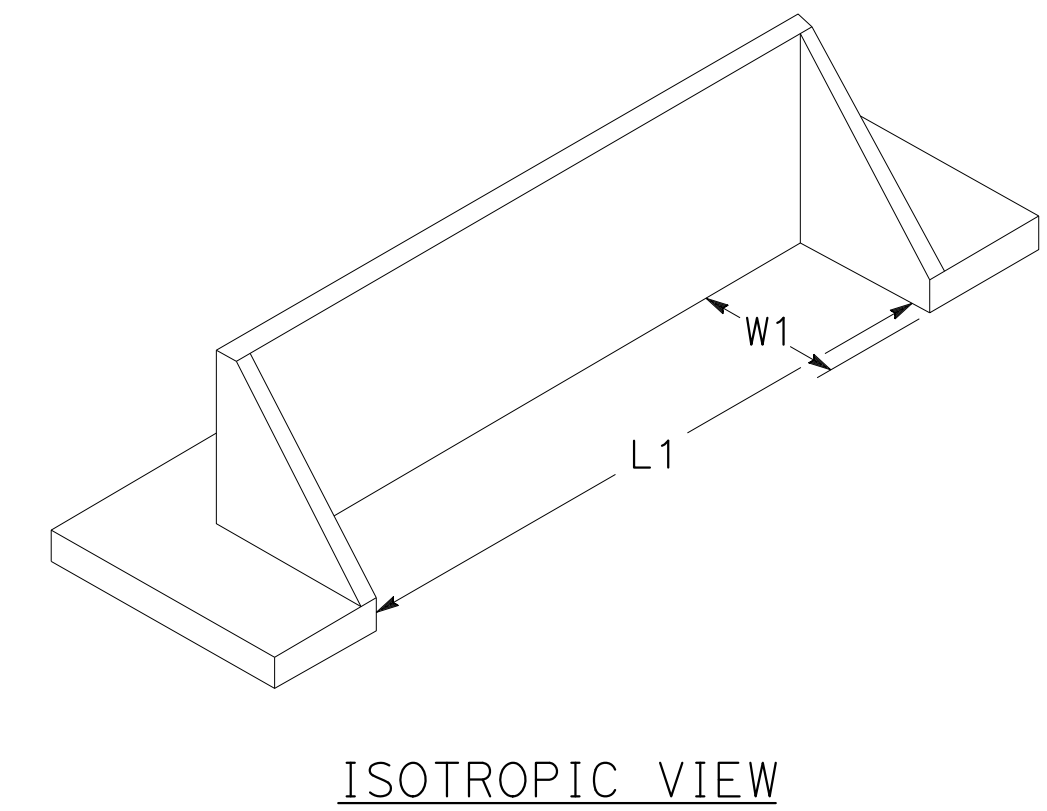
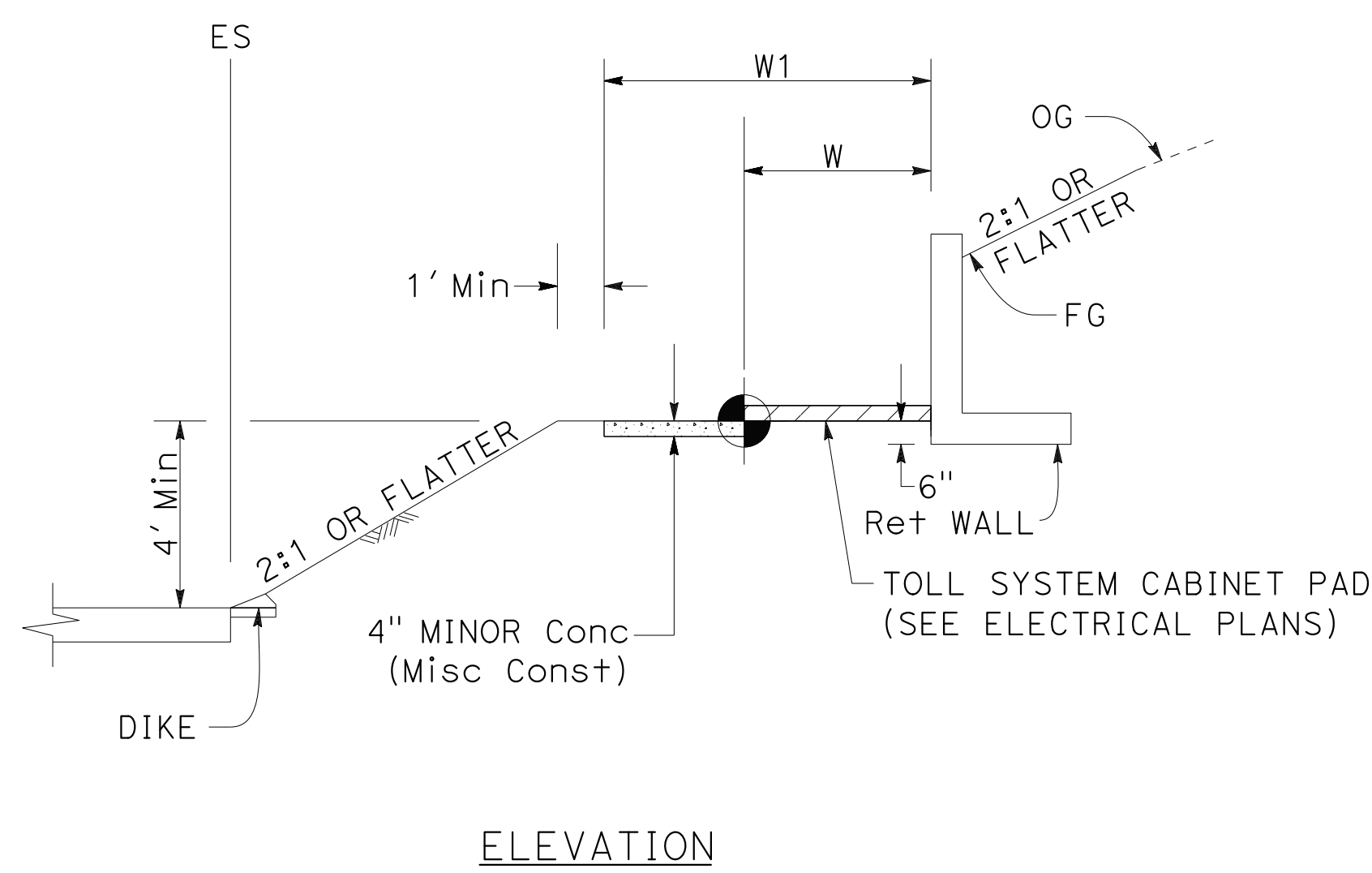
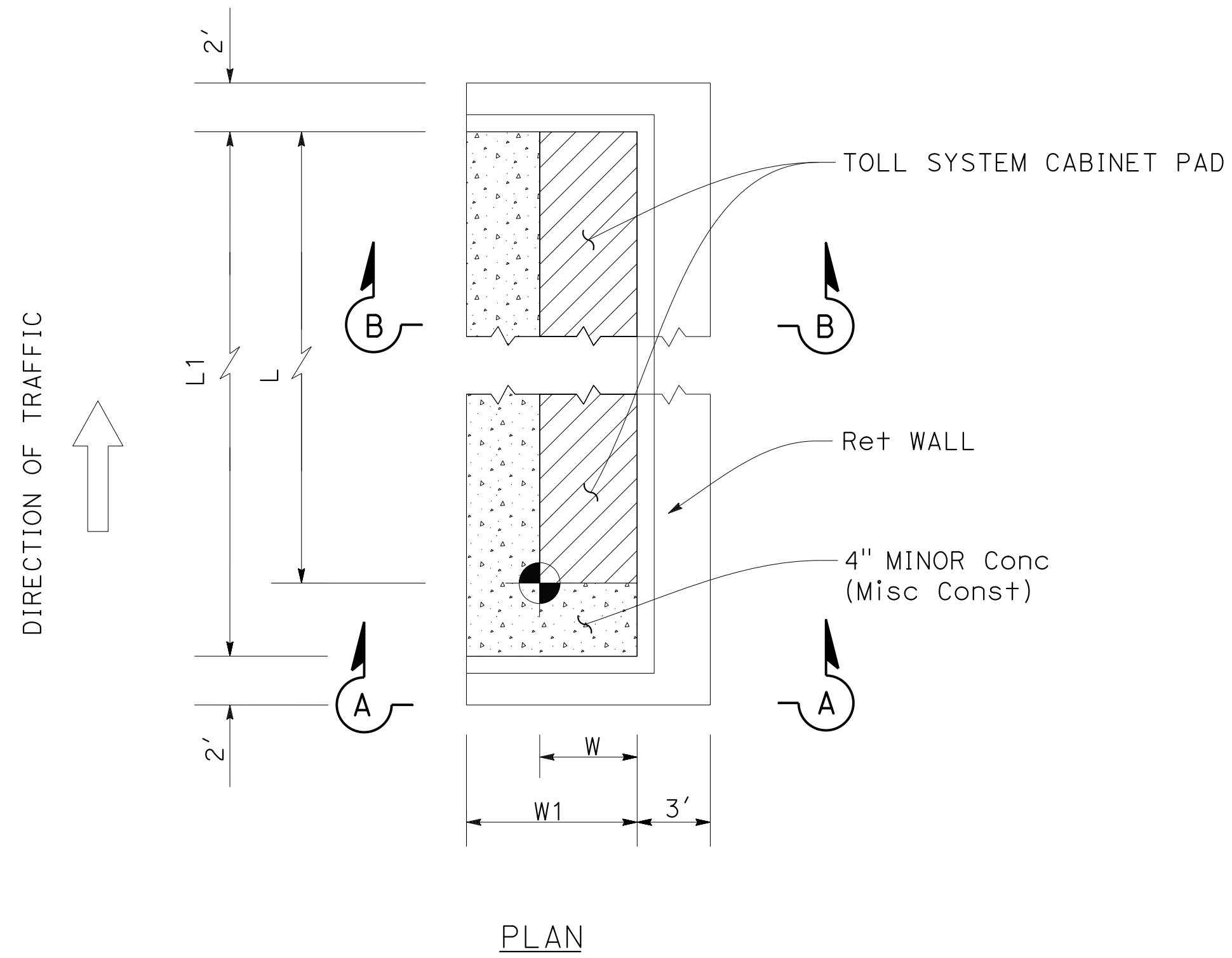
REGISTERED CIVIL ENGINEER *Ingenier* 9-29-21 DATE

October 8, 2021 PLANS APPROVAL DATE

CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

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.


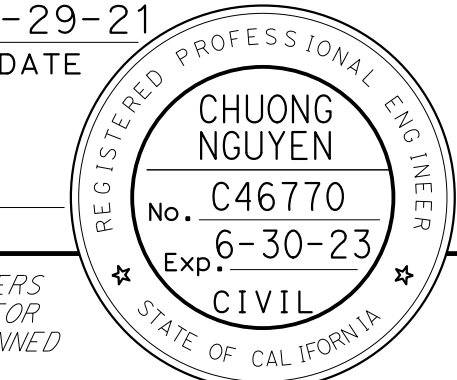
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
---	--

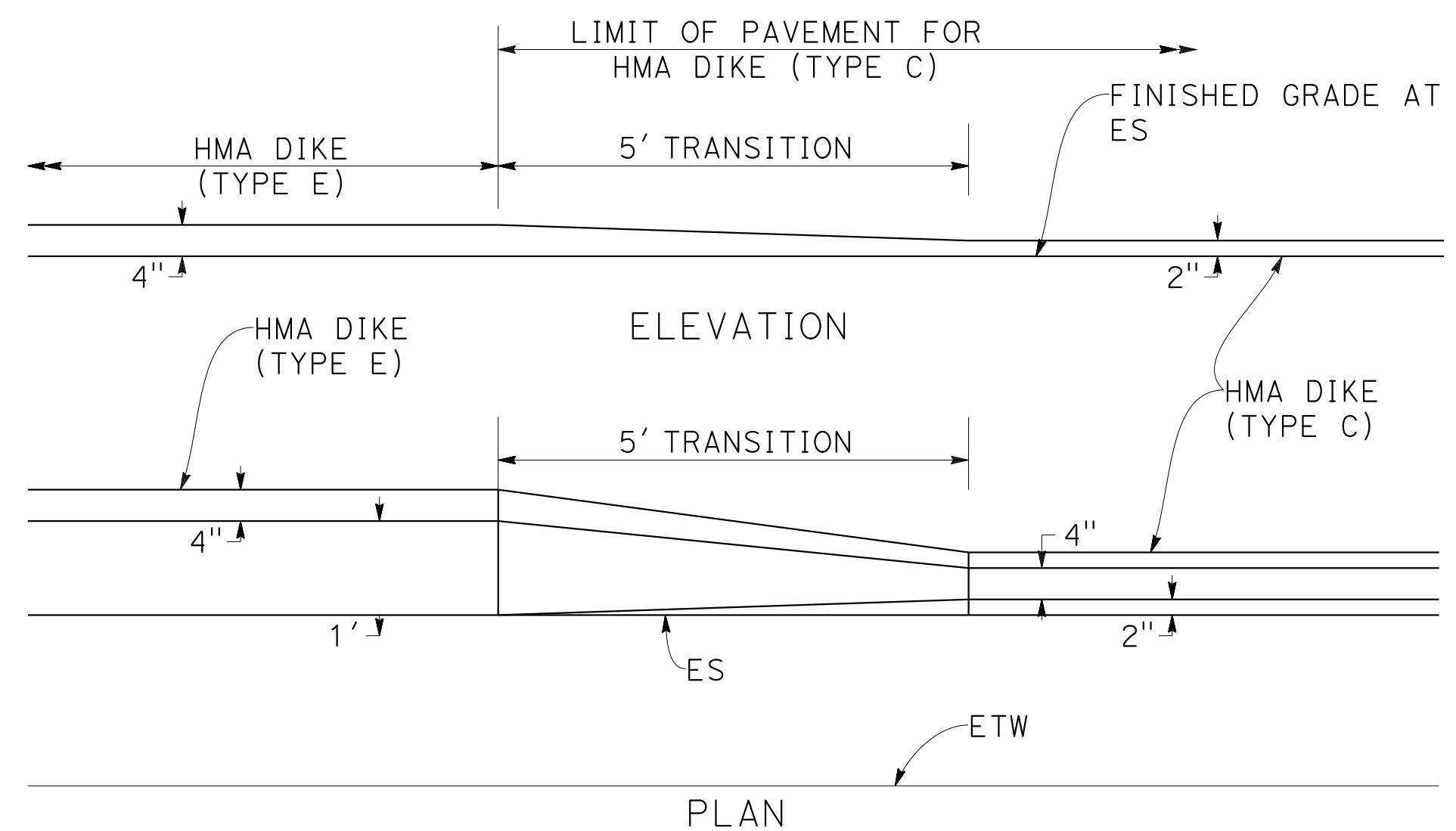


LOCATION OF TOLL SYSTEM CABINET PAD REFERENCE POINT			CONCRETE PAD FOUNDATION			RETAINING WALL		
TOLL SYSTEM CABINET	STATION	OFFSET	LENGTH	WIDTH	Elev	L1	W1	H
			L	W				
TOLL SITE NO. 43	"I-680" 331+58	77.4' Lt	15'	6'	391.84	18'	8'	6'
TOLL SITE NO. B4	"I-680" 588+28	112.2' Rt	5.5'	4'	335.57	8.5'	7'	4'
TOLL SITE NO. 53A	"I-680" 644+55	99.8' Lt	5.5'	4'	379.05	8.5'	7'	5'
TOLL SITE NO. B11	"I-680" 651+07	115.6' Lt	15'	6'	383.72	18'	9'	6'

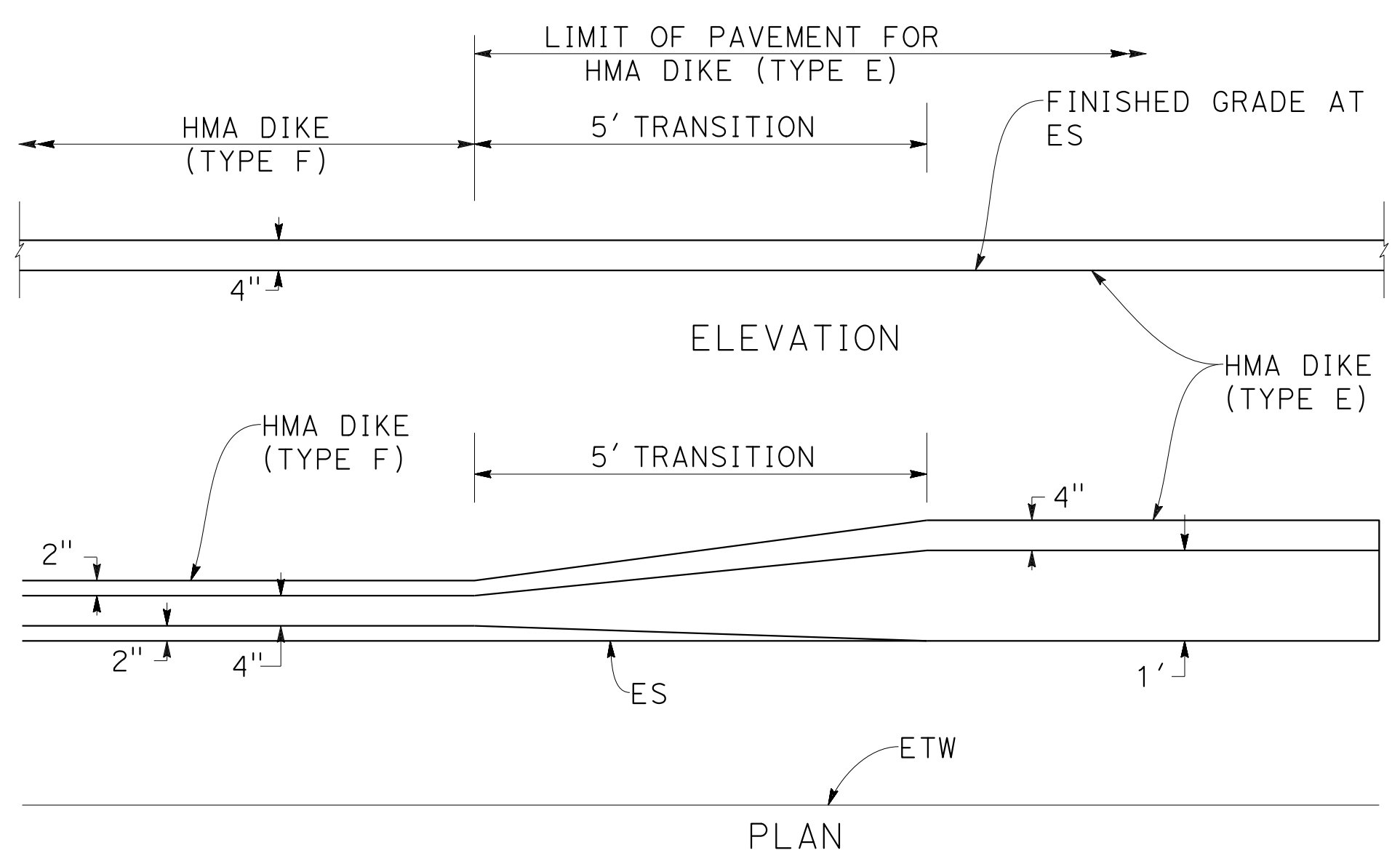
RETAINING WALL AT TOLL SYSTEM CABINET PAD

CONSTRUCTION DETAILS
NO SCALE

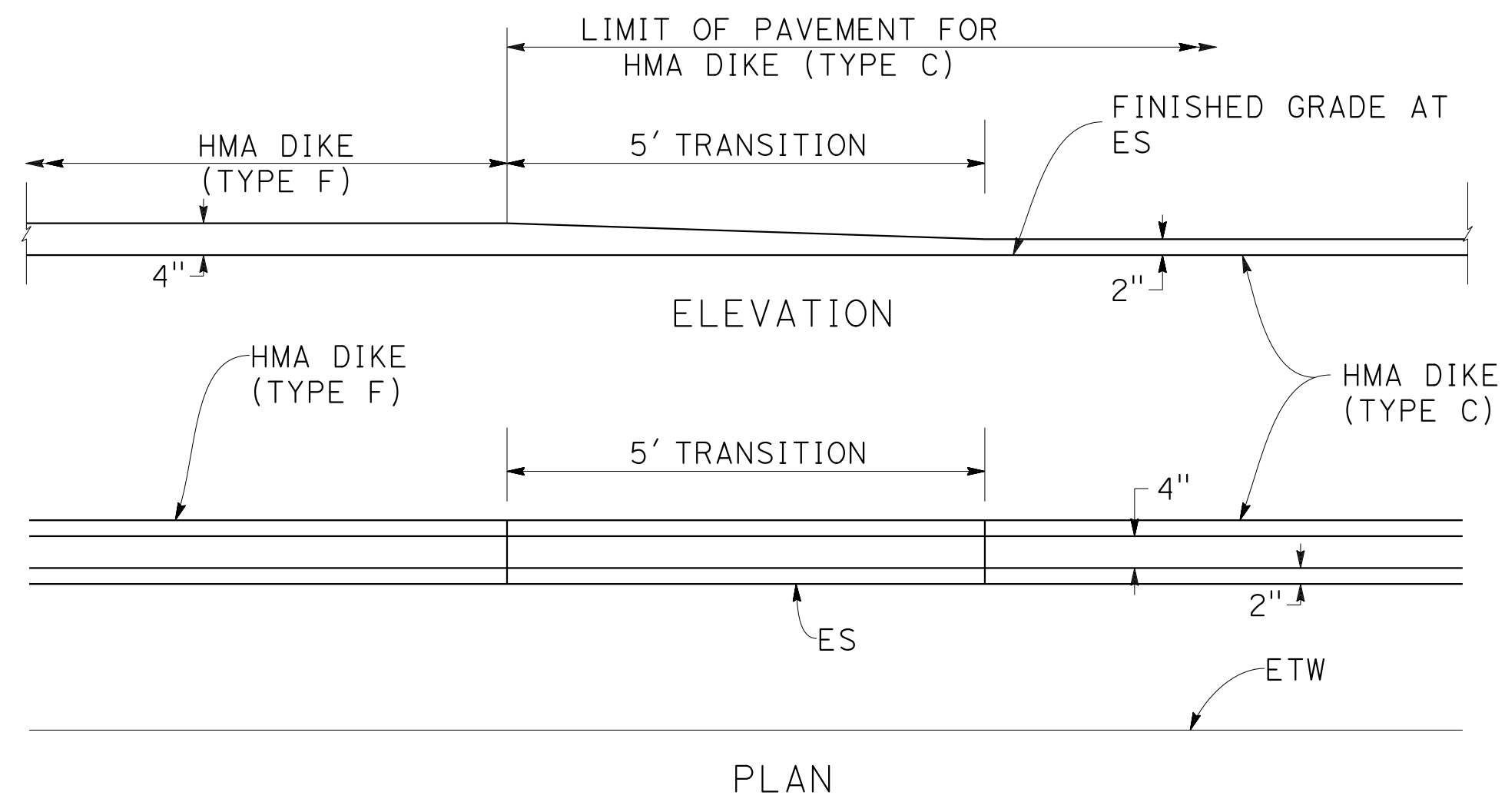
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	158	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



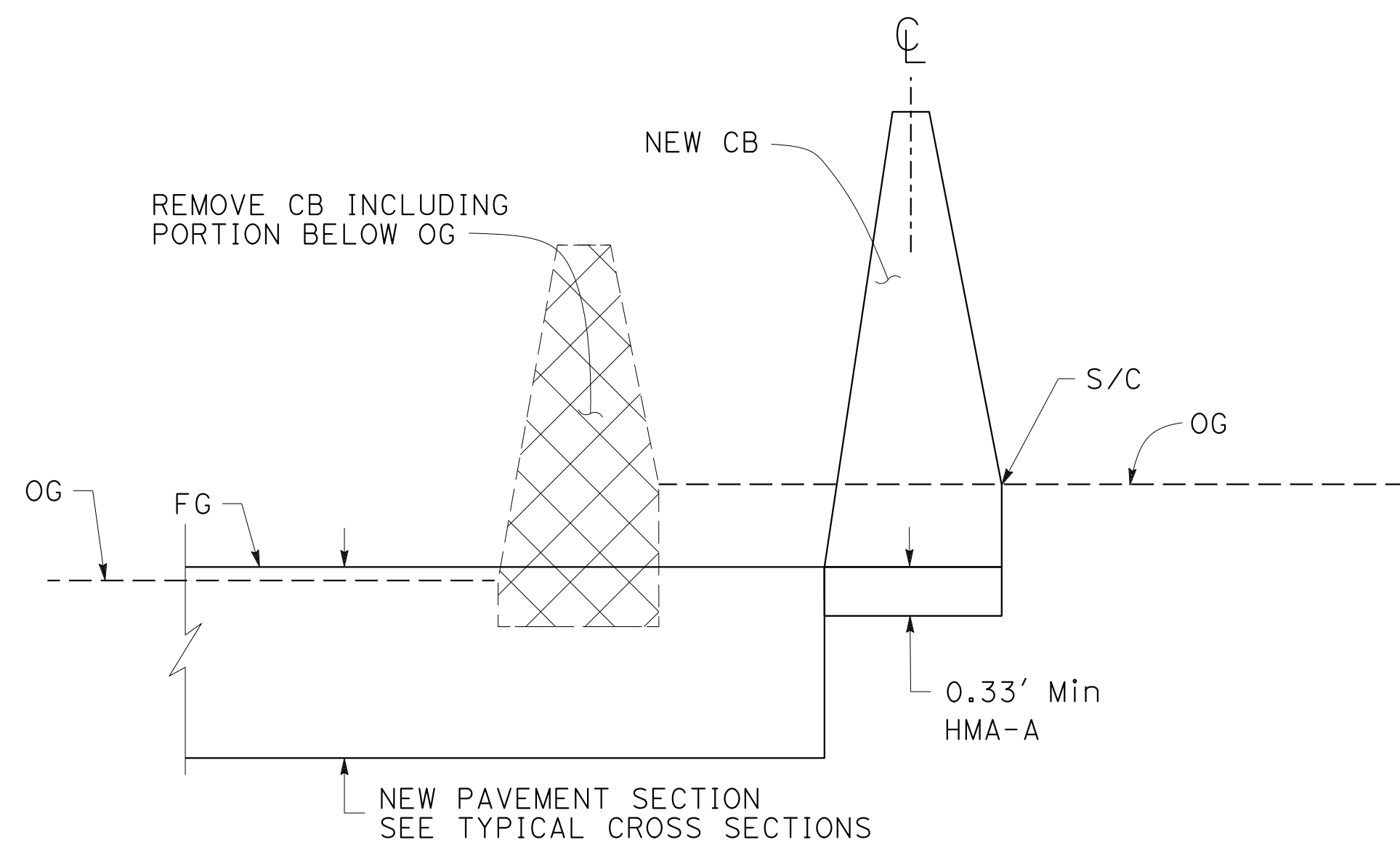
FROM DIKE (TYPE E) TO DIKE (TYPE C)



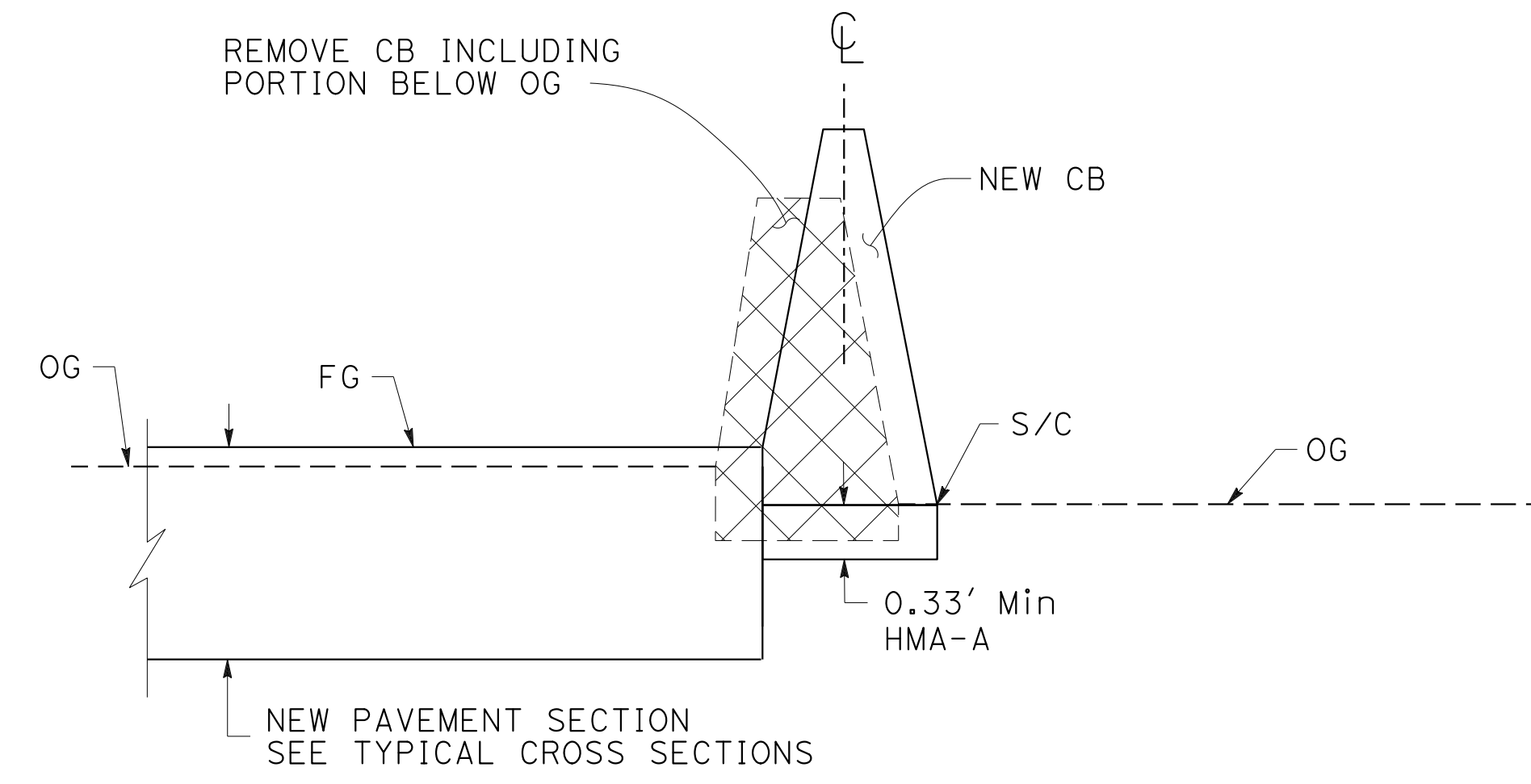
FROM DIKE (TYPE F) TO DIKE (TYPE E)



FROM DIKE (TYPE F) TO DIKE (TYPE C)



CASE 1



CASE 2

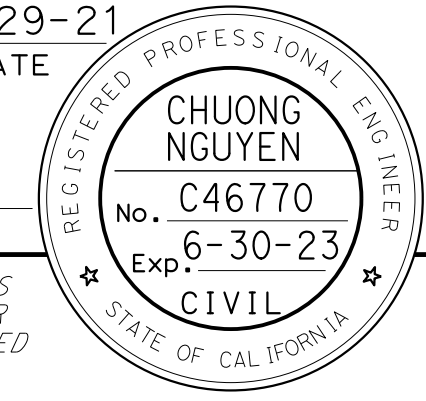
REMOVAL OF EXISTING BARRIER

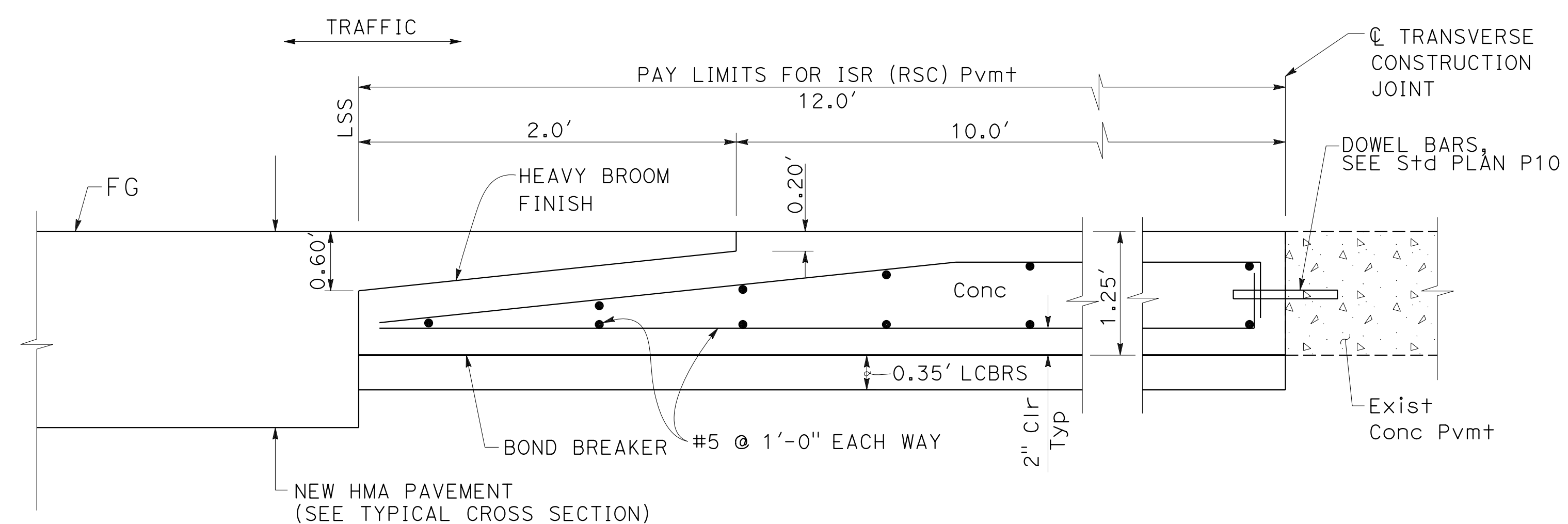
CONSTRUCTION DETAILS
NO SCALE

C-85

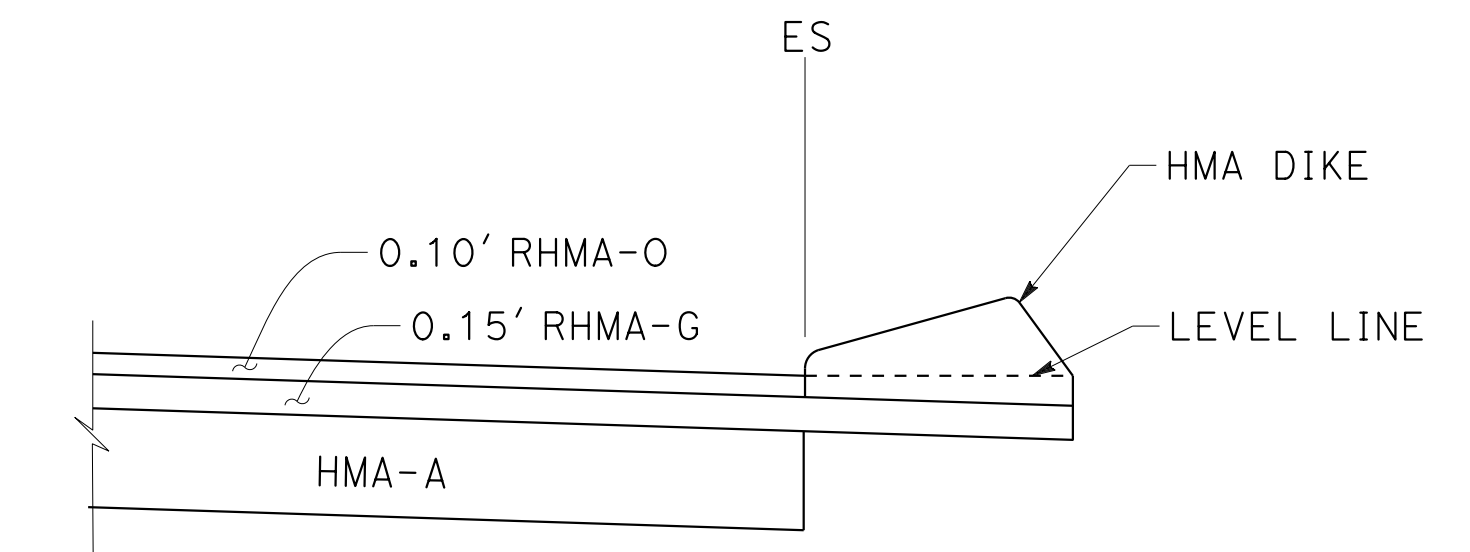
O:\0030\DRAWING\FINAL_P58E\0420000235ga085.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHECKED BY:
 REVISED BY: DATE REVISED: 9-29-21
 CC: CHARLIE CHRES, JOHN NGUYEN

LAST REVISION: DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:42

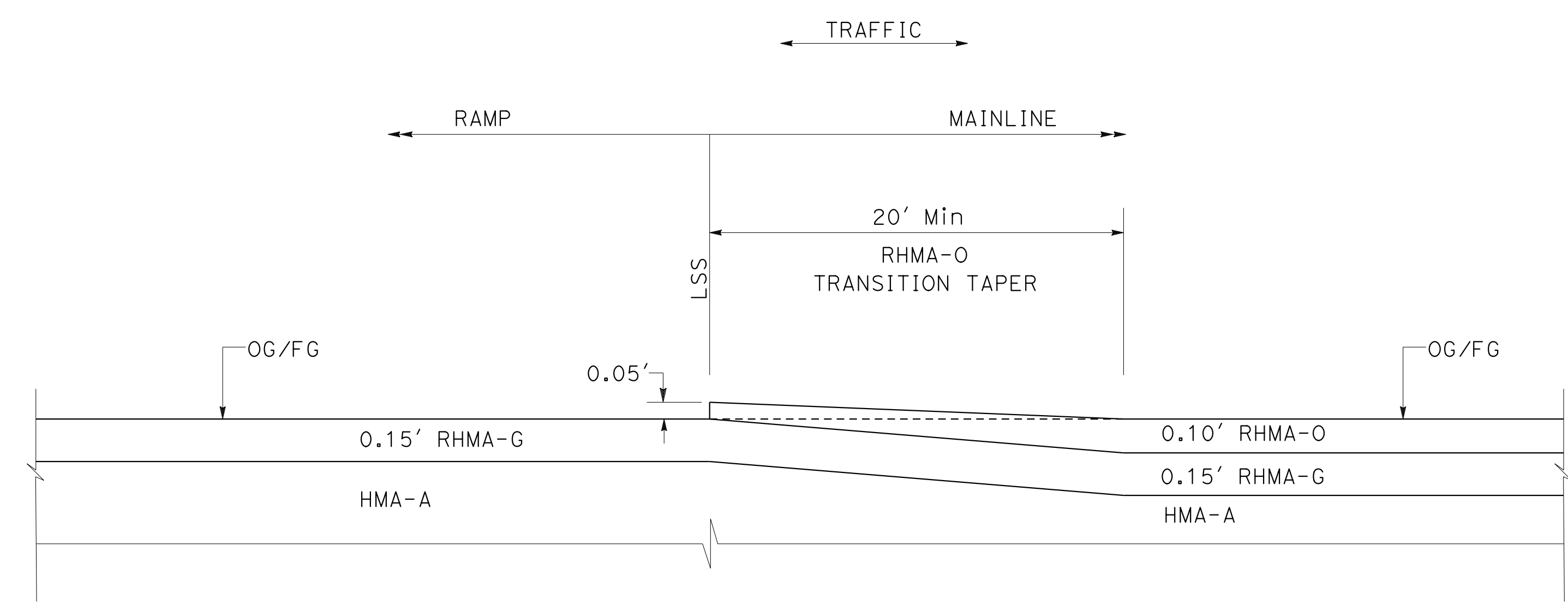
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	159	1710
			REGISTERED CIVIL ENGINEER DATE 9-29-21 October 8, 2021 PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



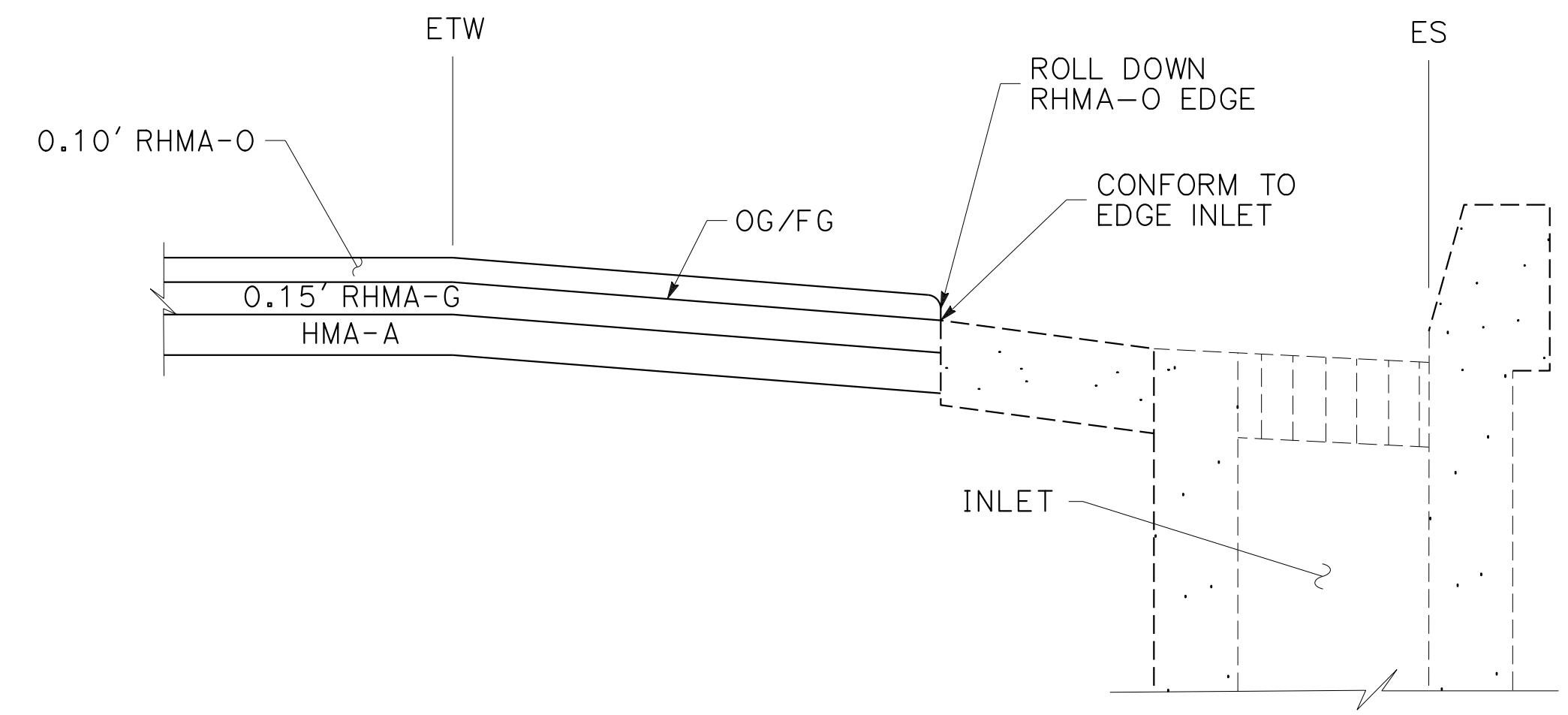
CONCRETE PAVEMENT TRANSITION PANEL



PLACEMENT OF HMA DIKE AT RHMA-O



TRANSVERSE TRANSITION TAPER
 RHMA-O Pvm+ TAPER TO RHMA-G Pvm+



LONGITUDINAL TRANSITION TAPER
 RHMA-O Pvm+ CONFORM TO DRAINAGE INLET

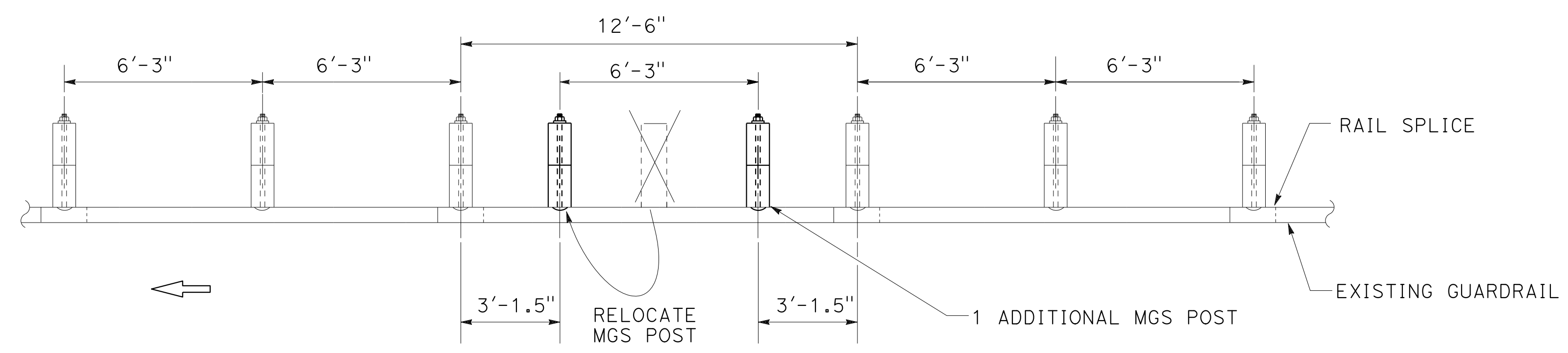
CONSTRUCTION DETAILS
 NO SCALE

C-86

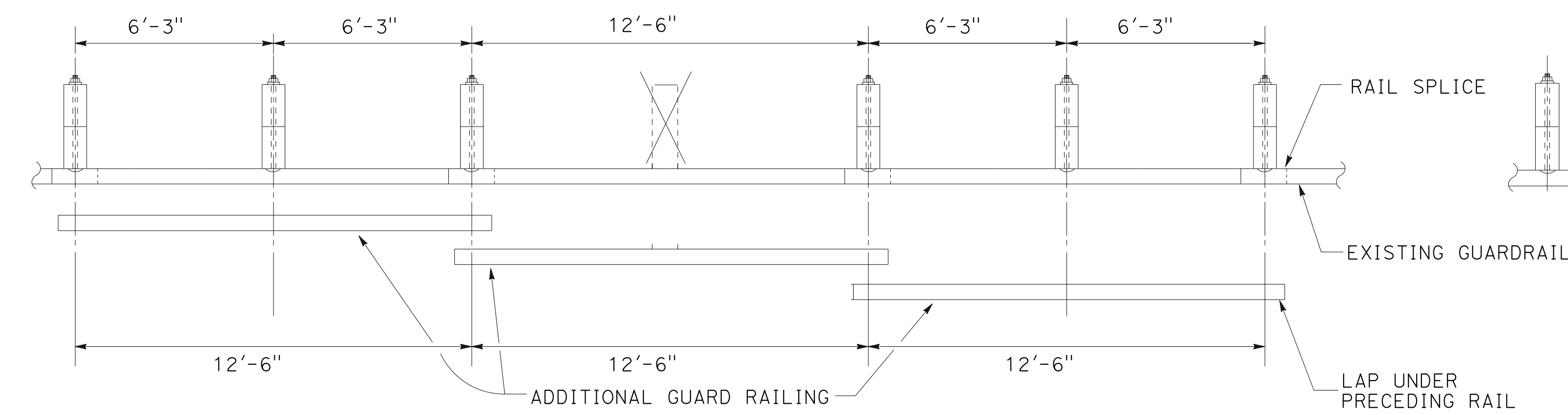
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans
 CONSULTANT - FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21
 USERNAME => p302438
 DGN FILE => 0420000235ga086.dgn
 RELATIVE BORDER SCALE IS IN INCHES
 UNIT 0733
 PROJECT NUMBER & PHASE 04200002351

LAST REVISION: 09-29-21
 DATE PLOTTED => 7-MAR-2022
 TIME PLOTTED => 12:42

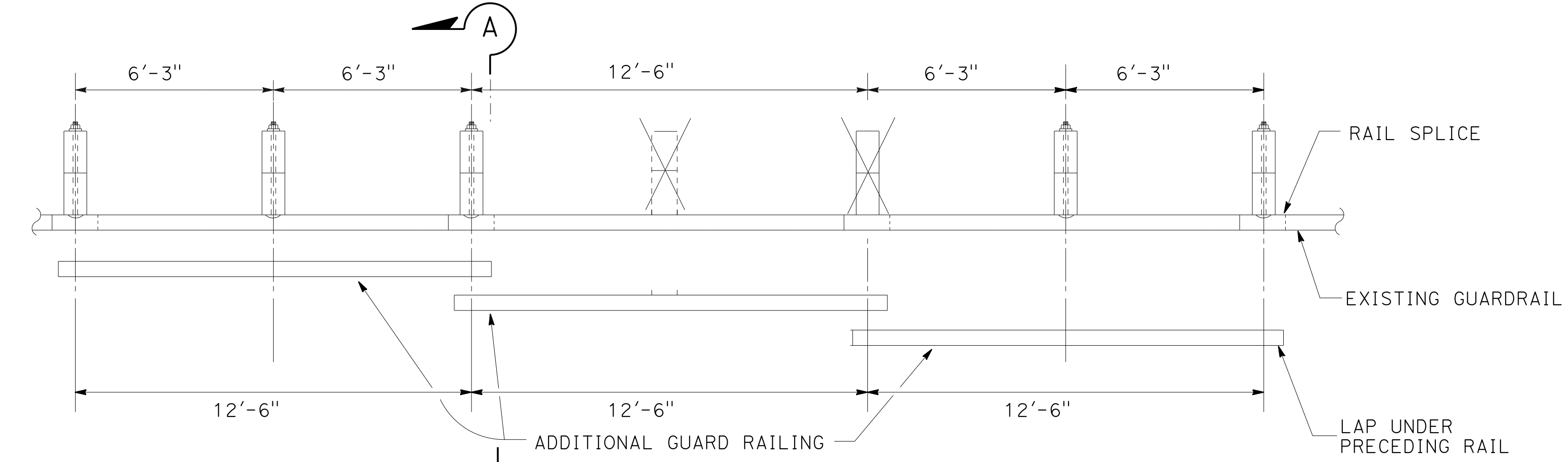
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	160	1710
REGISTERED CIVIL ENGINEER			DATE	9-29-21	
October 8, 2021			PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



CASE 1a
(ONE POST CONFLICT, MOVE THE POST and ADD ONE POST)
(NO NESTED RAIL REQUIRED)

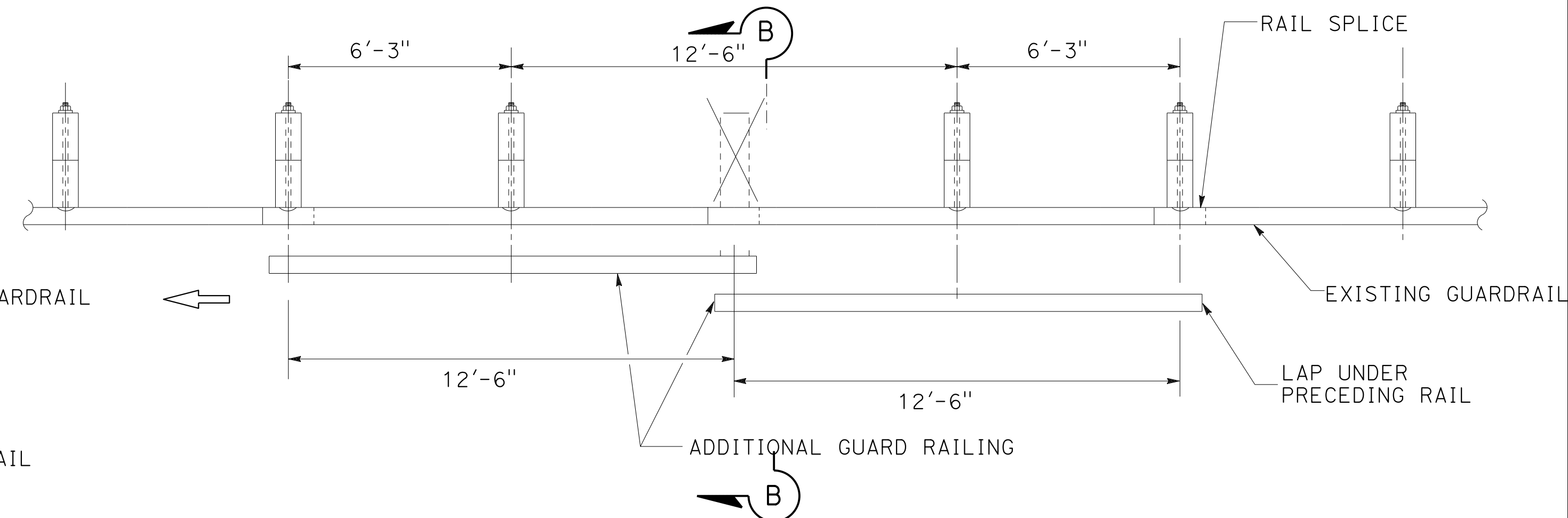


CASE 1b
(ONE POST OMITTED AT CENTER OF OF ELEMENT)
(NEST THREE LENGTHS OF RAIL REQUIRED)



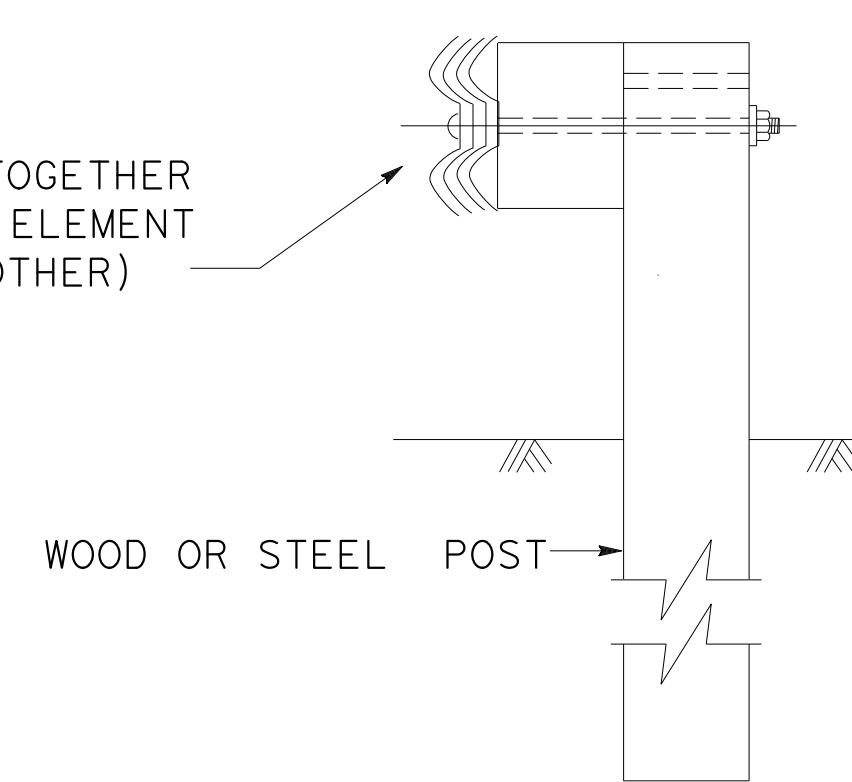
CASE 3
(TWO POSTS OMITTED)
(NEST THREE LENGTHS OF RAIL REQUIRED)
See Note 3

LONG SPAN NESTED GUARD RAILING

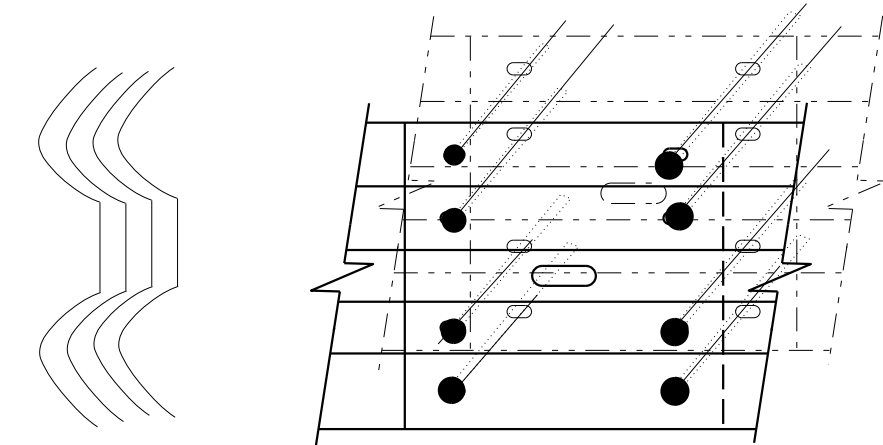


CASE 2
(ONE POST OMITTED AT JUNCTION OF TWO ELEMENTS)
(NEST TWO LENGTHS OF RAIL REQUIRED)

NESTED GUARD RAILING
4 RAIL ELEMENTS SPLICED TOGETHER AND BOLTED THROUGH RAIL ELEMENT (ONE SET INSIDEOF THE OTHER)



SECTION A-A



SECTION B-B
RAILING SPLICE

TYPICAL RAILING OVERLAP INSTALLATION AT POST

- NOTES:**
1. NEST ALL RAILS AT EXISTING RAIL LAPS
 2. WHEN A POST IS REMOVED AND THE RAIL ELEMENTS ARE NESTED, THE NESTED ELEMENTS MUST BE SUPPORTED BY A MIN OF 2 POST EACH SIDE OF THE MISSING POST OR ADD ADDITIONAL LENGTH OF NESTED ELEMENTS.
 3. MAXIMUM OF TWO POSTS MAY BE OMITTED AND THE NESTED RAIL ELEMENTS ARE SUPPORTED BY A MIN OF 2 POSTS EACH SIDE OF THE MISSING POSTS.
 4. EXISTING UTILITY FACILITIES ARE NOT SHOWN ON THESE PLANS.
 5. THRIE-BEAM USES THE SAME NESTING PATTERN AS MGS.

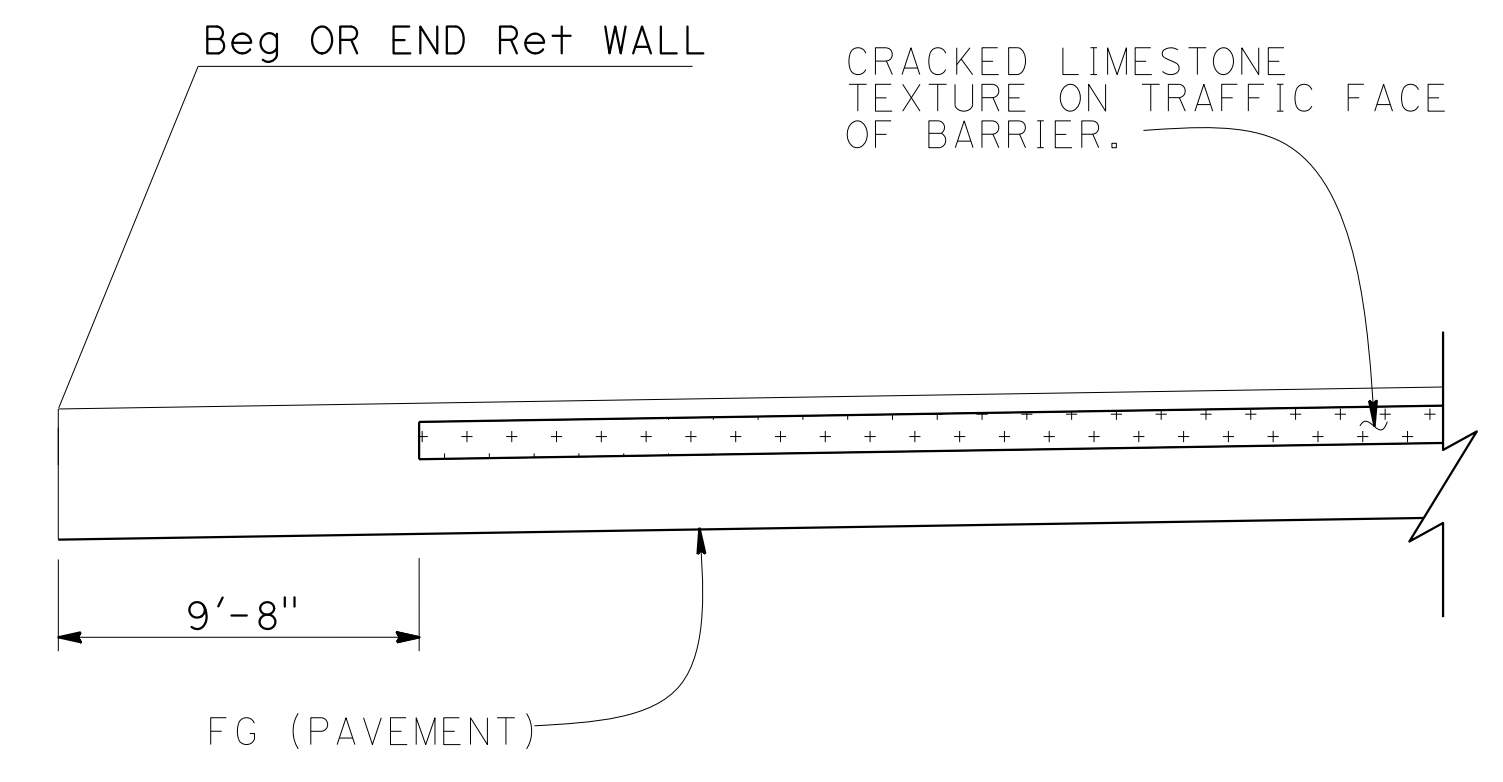
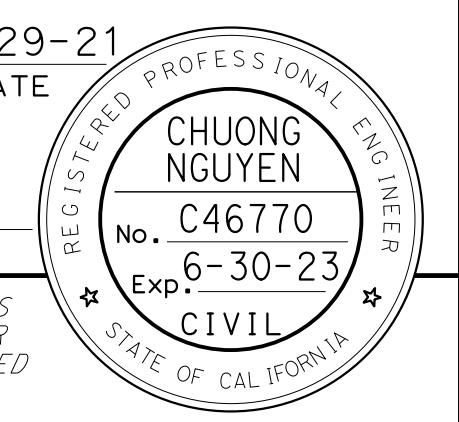
MGS AND THRIE-BEAM REMOVE POST OPTIONS

CONSTRUCTION DETAILS
NO SCALE

0:\00300\DRAWING\FINAL_P58E\0420000235ga087.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISIONS: CC 9-29-21
 USERNAME => p302438
 DGN FILE => 0420000235ga087.dgn
 RELATIVE BORDER SCALE IS IN INCHES
 UNIT 0733
 PROJECT NUMBER & PHASE 04200002351

LAST REVISION: 09-29-21
 DATE PLOTTED => 7-MAR-2022
 TIME PLOTTED => 12:42

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	161	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
			October 8, 2021		
PLANS APPROVAL DATE					
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WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



VIEW FROM ROADWAY

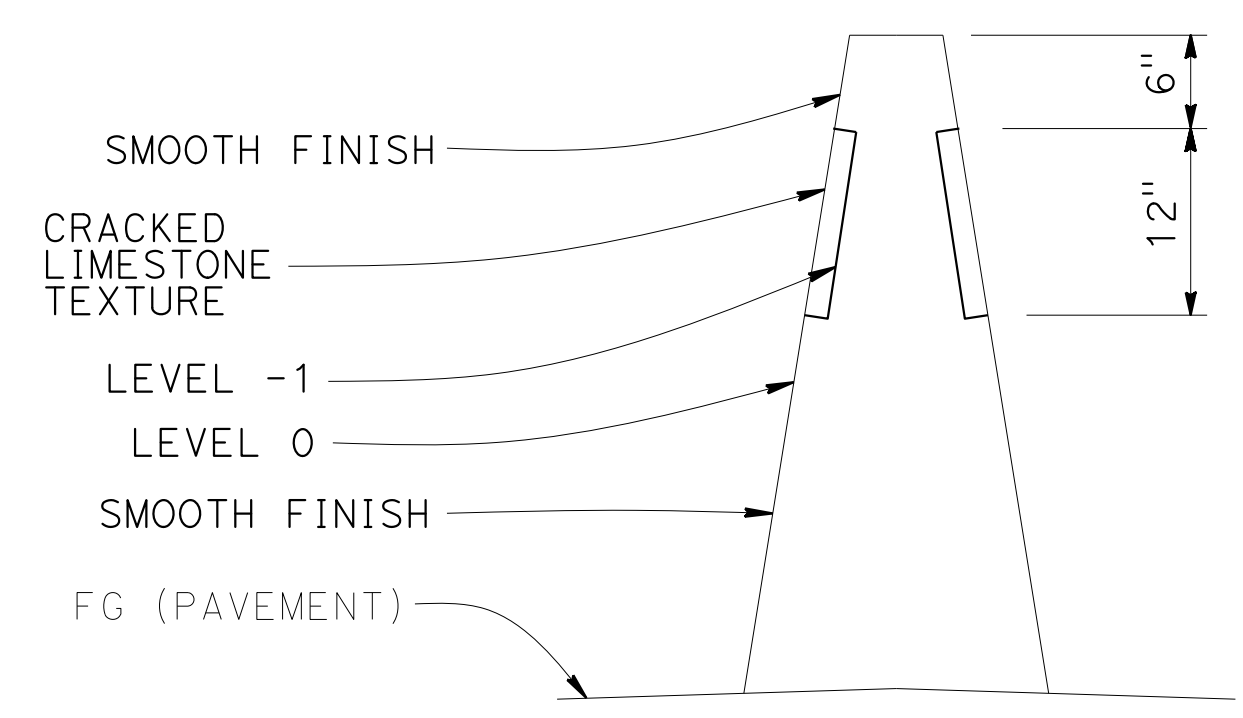
BARRIER ARCHITECTURAL SURFACE TREATMENT AT Beg OR END OF RETAINING WALL

LEGEND

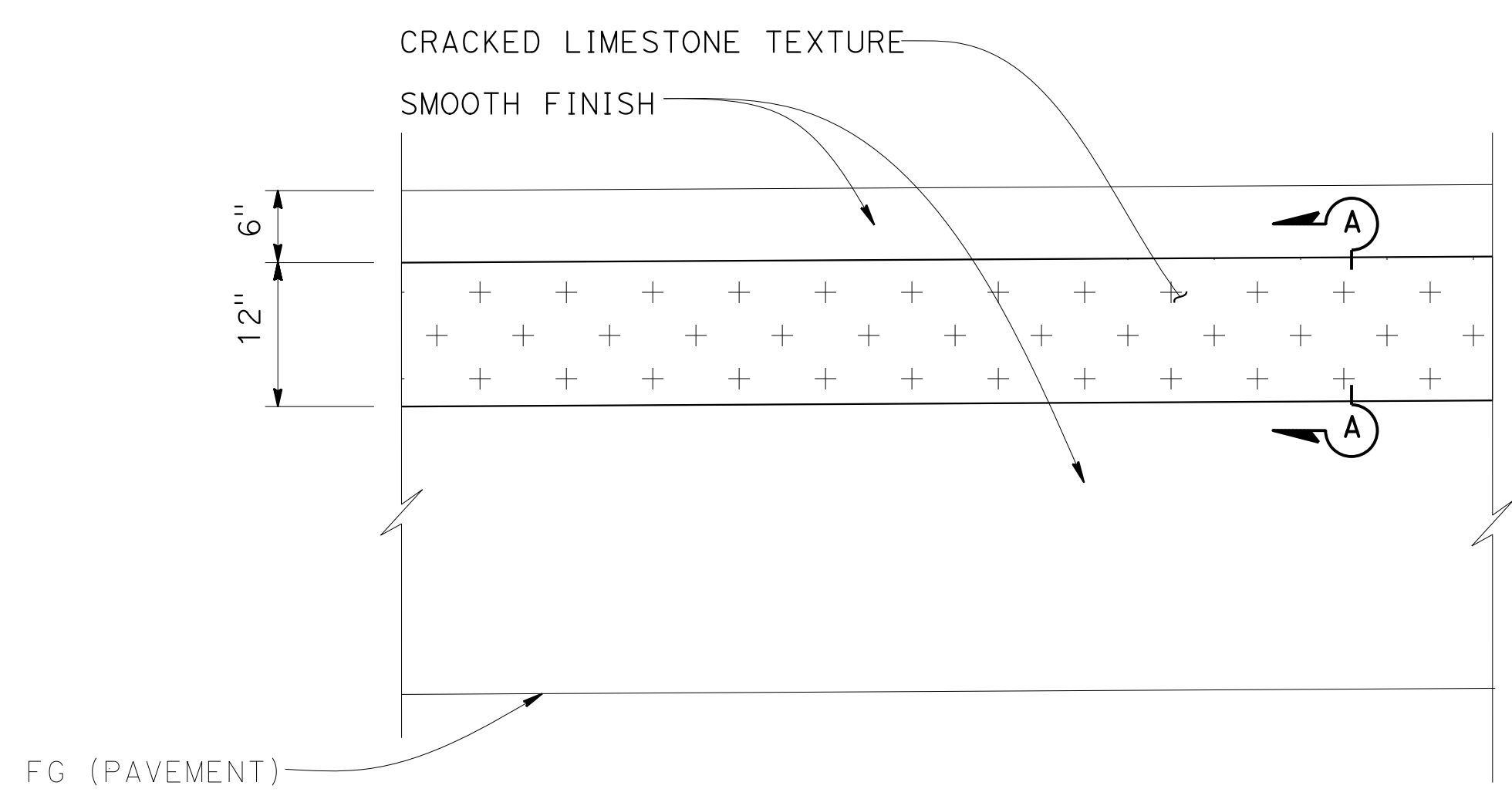
LEVEL -1 = LEVEL 0 -1"

LEVEL 0 = FACE OF BARRIER

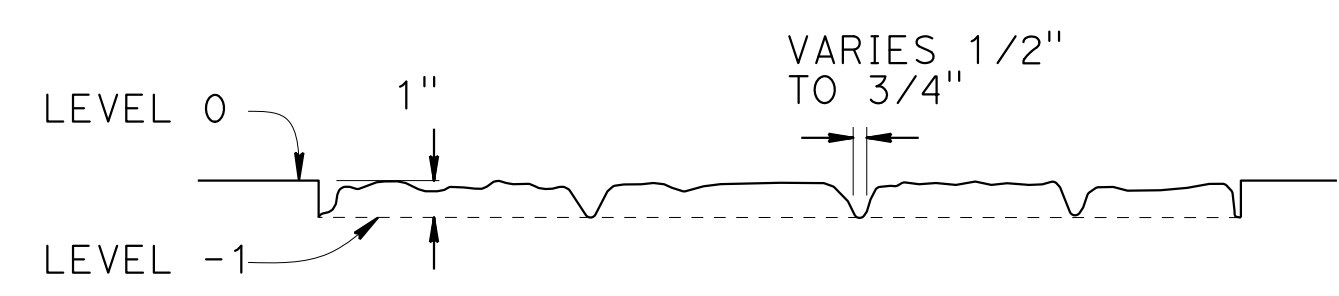
- NOTES**
- NO INTEGRAL OR APPLIED COLOR
 - CONCRETE SURFACE TEXTURE (CRACKED LIMESTONE) MUST BE CONTINUOUS ALONG MEDIAN BARRIERS EXCEPT AT GANTRY BASE TAPERS AND OVERHEAD SIGN BASE TAPERS. DO NOT ADD CONCRETE SURFACE TEXTURE (CRACKED LIMESTONE) AT CONCRETE BARRIER TRANSITION TAPERS.



DETAIL "A"



ELEVATION DETAIL "A"




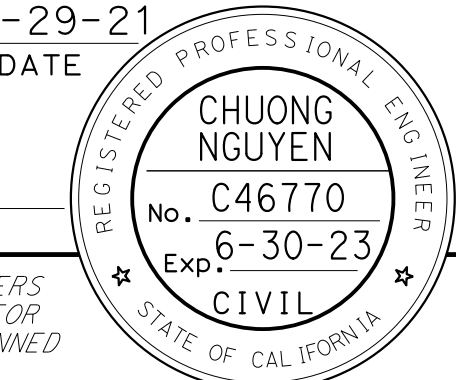
SECTION A-A

BARRIER ARCHITECTURAL SURFACE TREATMENT

CONSTRUCTION DETAILS
NO SCALE

C-88

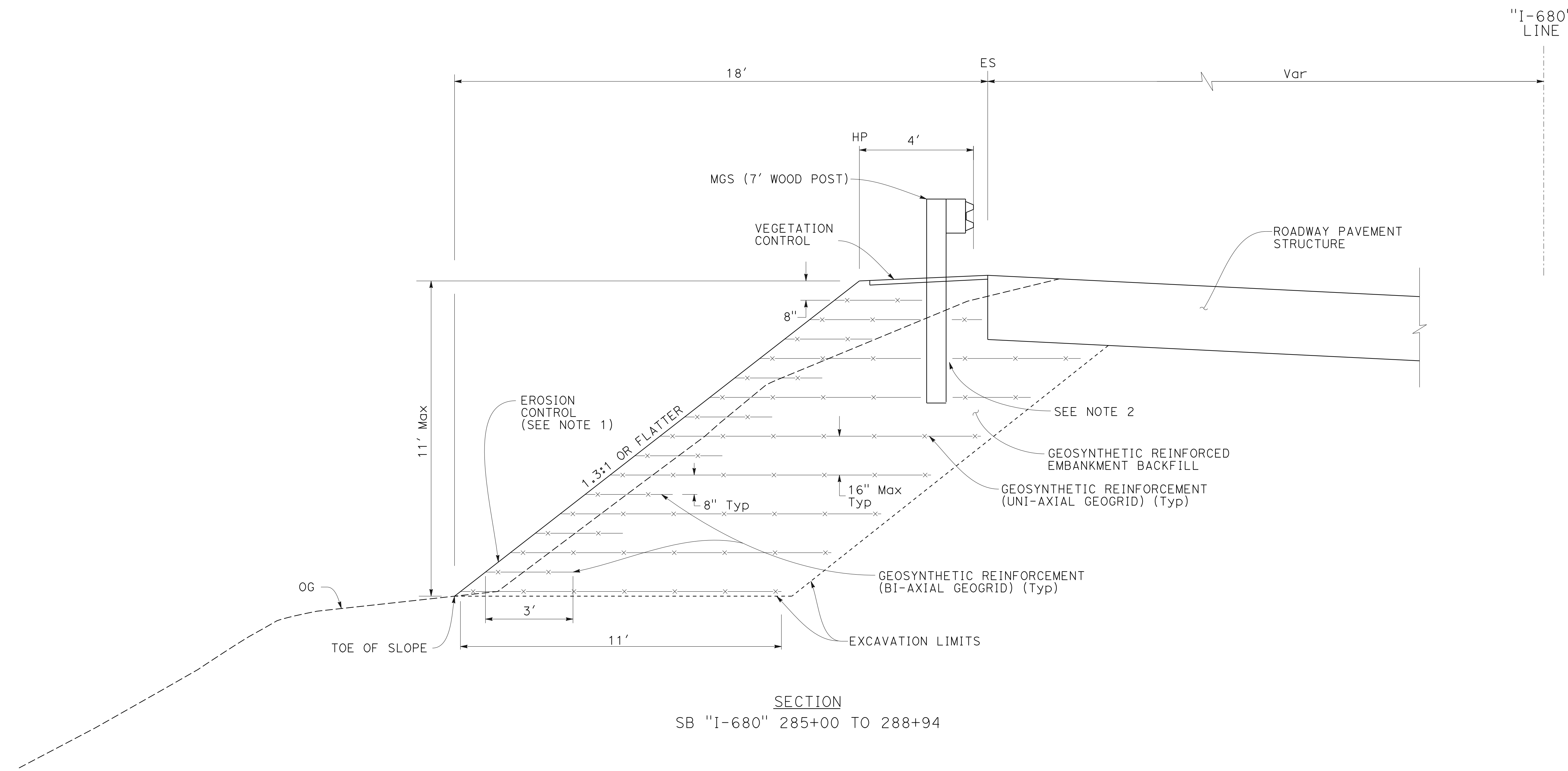
CALCULATED-DESIGNED BY	CHECKED BY	CONSULTANT - FUNCTIONAL SUPERVISOR	DEPARTMENT OF TRANSPORTATION
CHARLIE CHRES	JOHN NGUYEN	TIMOTHY J. LEE	STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
REVISER BY	DATE REVISED		
CC	9-29-21		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	162	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 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>					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTES:

- SEE SHEET ECD-2 FOR EROSION CONTROL DETAIL.
- PRECUT AN OPENING IN THE GEOSYNTHETIC REINFORCEMENT LAYER WHERE THE MGS POST WILL BE GOING THROUGH. THE OPENING DIMENSIONS MUST NOT EXCEED THE POST DIMENSIONS BY MORE THAN 12 INCHES.

O:\0030\UNDRRAFTING\FINAL_P58E\0420000235ga089.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21



GEOSYNTHETIC REINFORCED EMBANKMENT

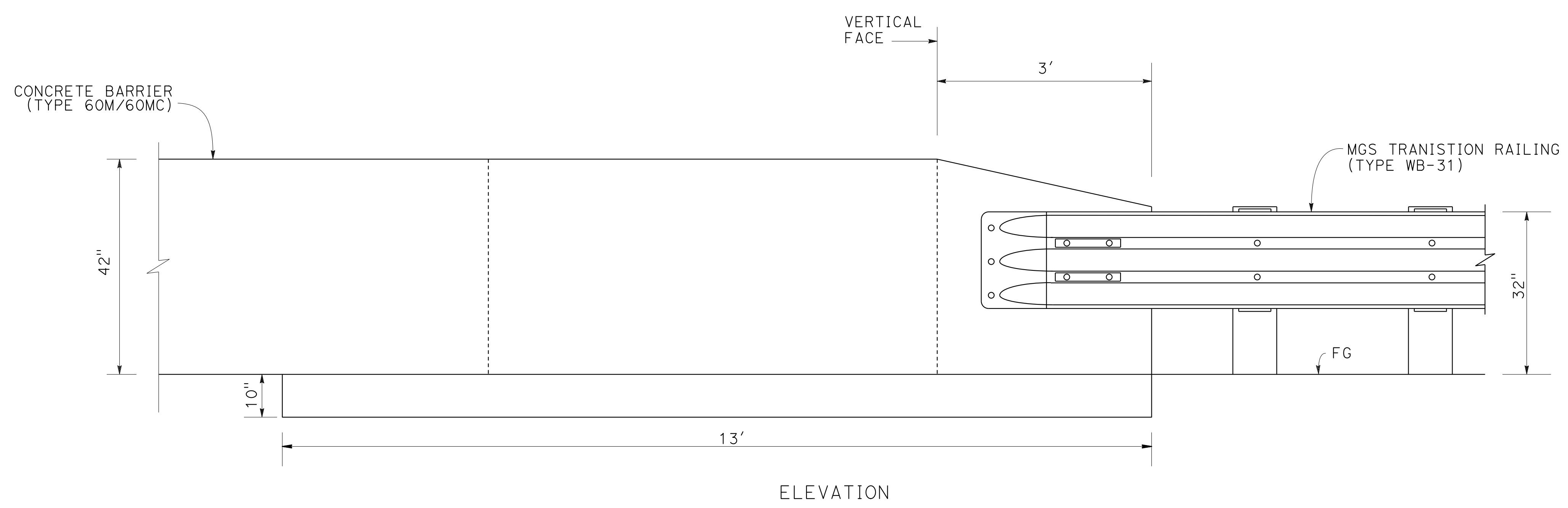
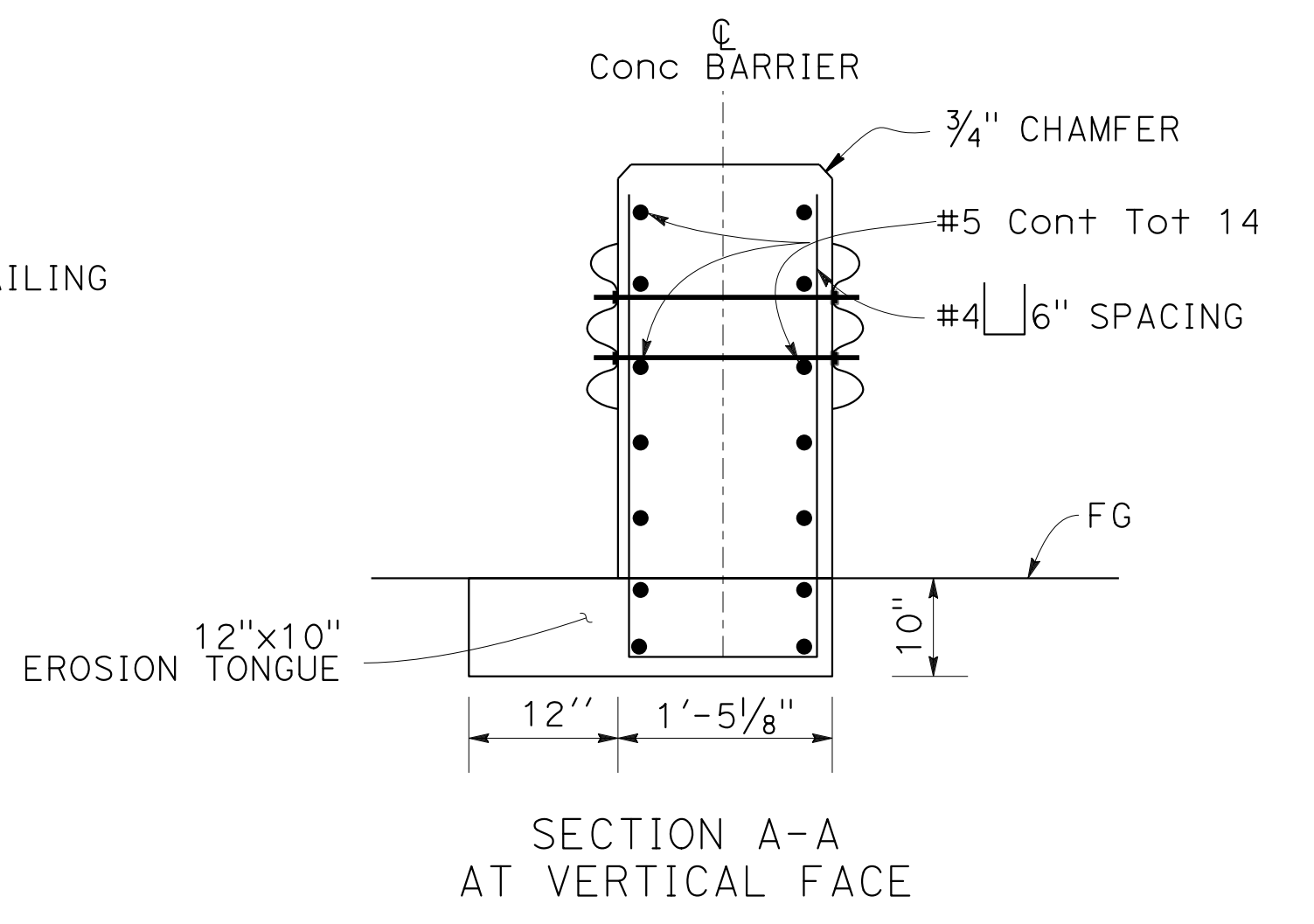
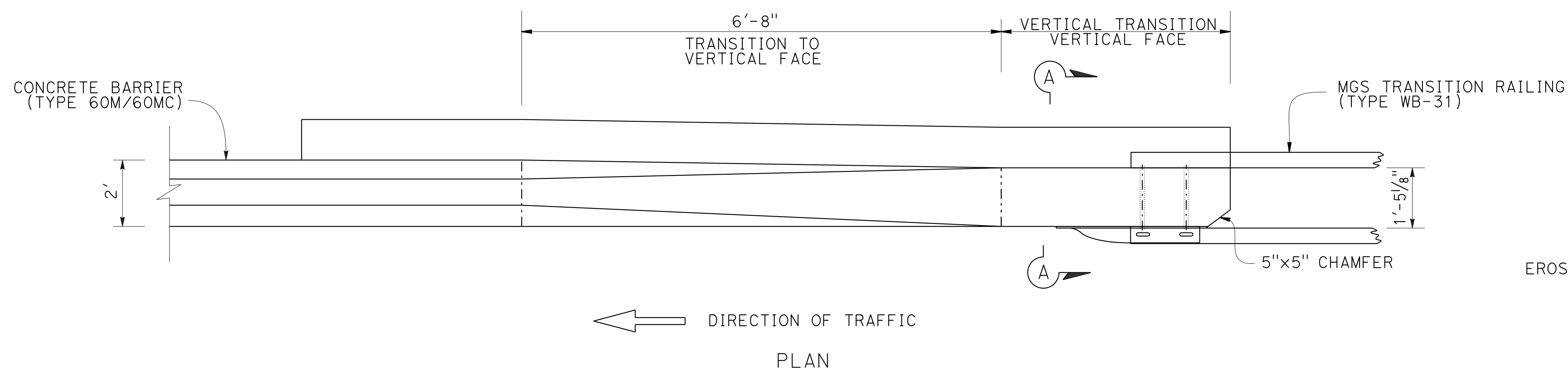
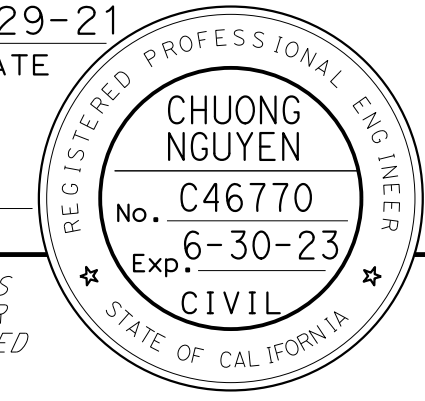
CONSTRUCTION DETAILS

NO SCALE

C-89

LAST REVISION: 09-29-21
 DATE PLOTTED => 7-MAR-2022
 TIME PLOTTED => 12:42

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	163	1710
REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			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.					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



MGS CONNECTION TO CONCRETE BARRIER (TYPE 60M/60MC)

CONSTRUCTION DETAILS
NO SCALE

C-90

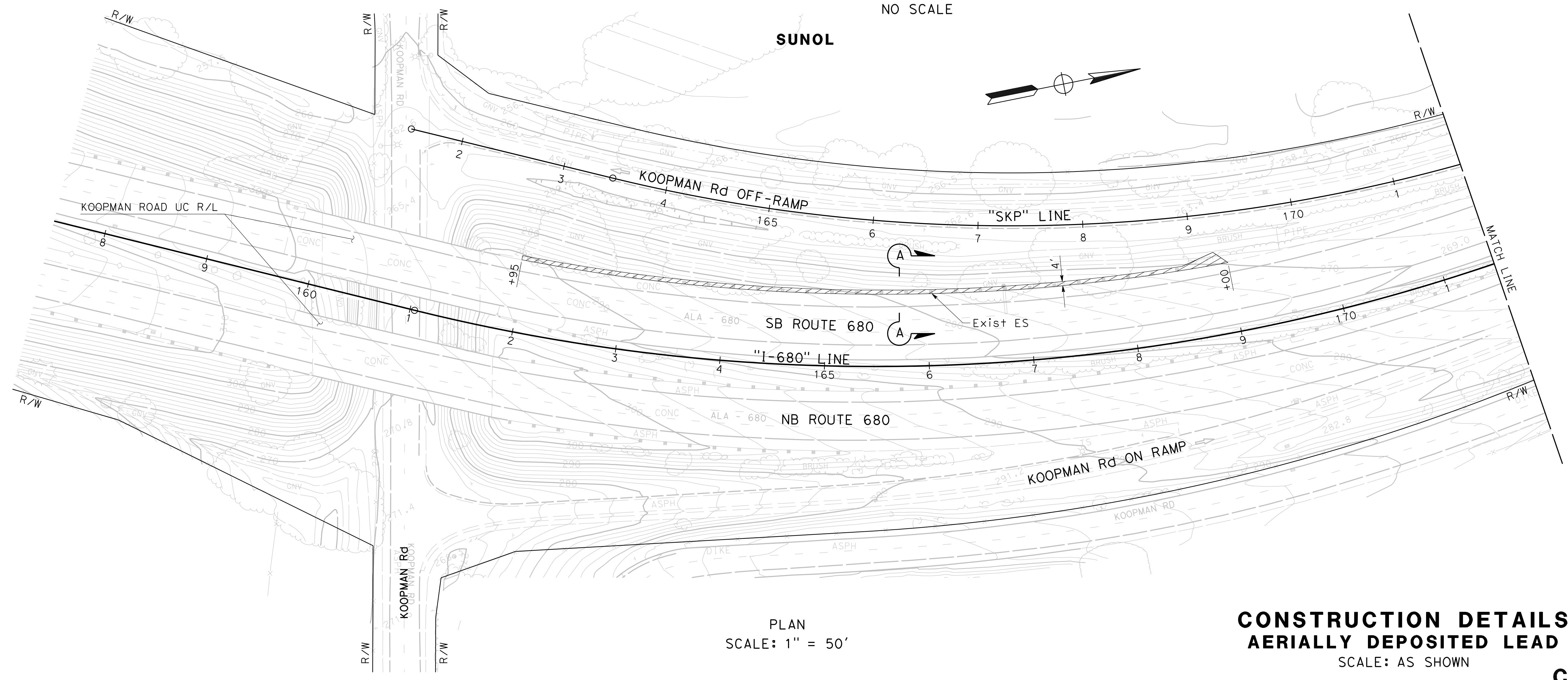
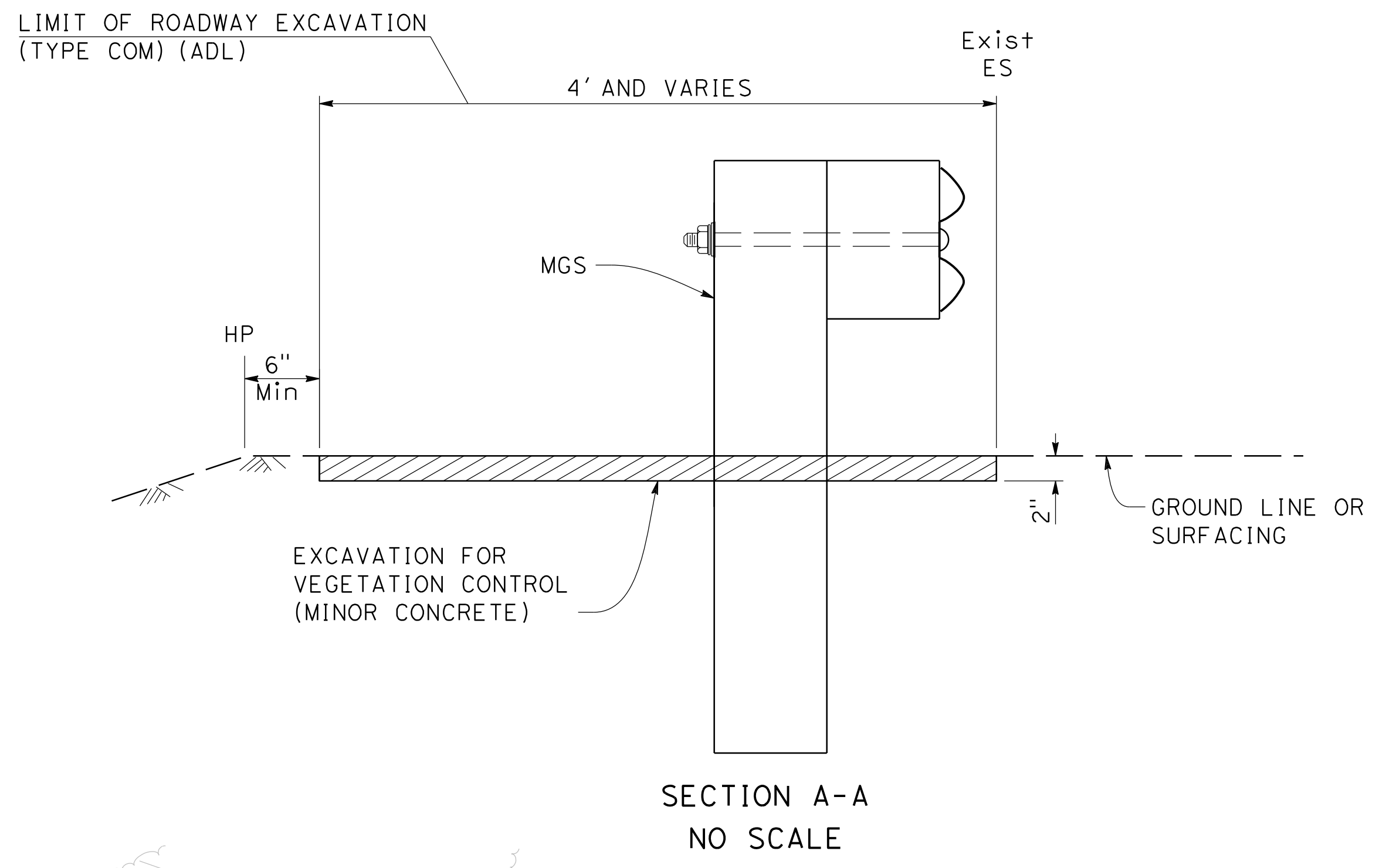
CALCULATED/DESIGNED BY	CHARLIE CHRES
CHECKED BY	JOHN NGUYEN
REVISOR	CC
DATE	9-29-21
DESIGNED BY	JOHN NGUYEN
CHECKED BY	JOHN NGUYEN
FUNCTIONAL SUPERVISOR	TIMOTHY J. LEE
CONSULTANT	DEPARTMENT OF TRANSPORTATION
STATE OF CALIFORNIA	DEPARTMENT OF TRANSPORTATION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	164	1710
REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

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

- LEGEND:**
- ROADWAY EXCAVATION (TYPE COM) (AERIALY DEPOSITED LEAD)
 - ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)

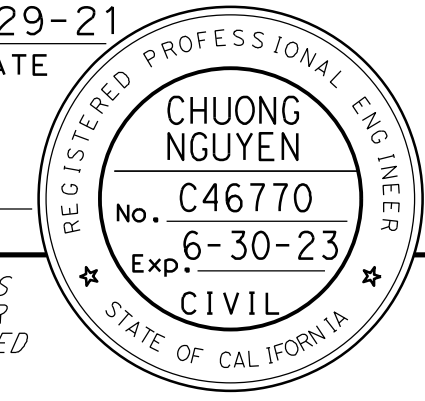
ABBREVIATION:
ADL - AERIALY DEPOSITED LEAD



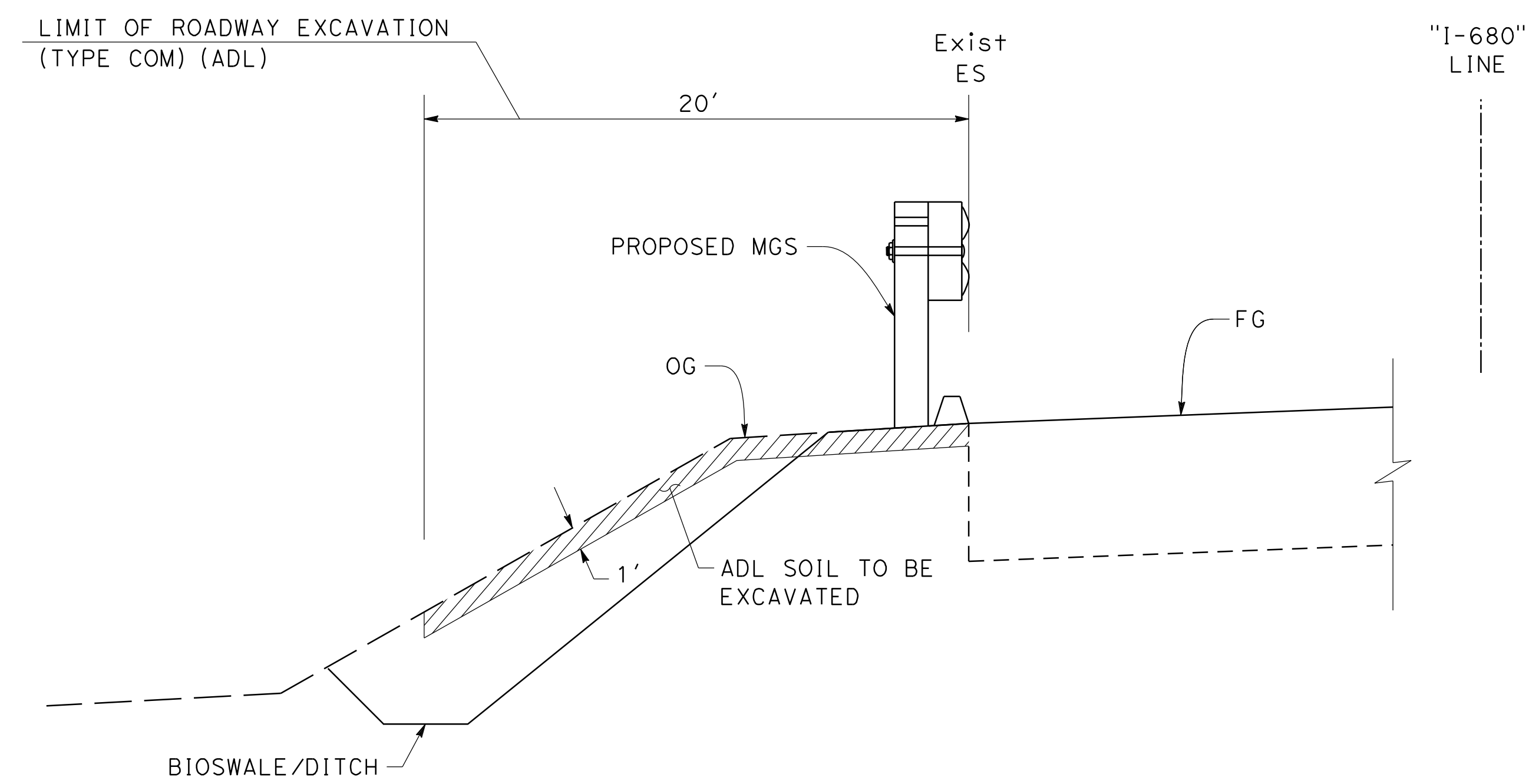
CONSTRUCTION DETAILS
AERIALY DEPOSITED LEAD
SCALE: AS SHOWN

C-91

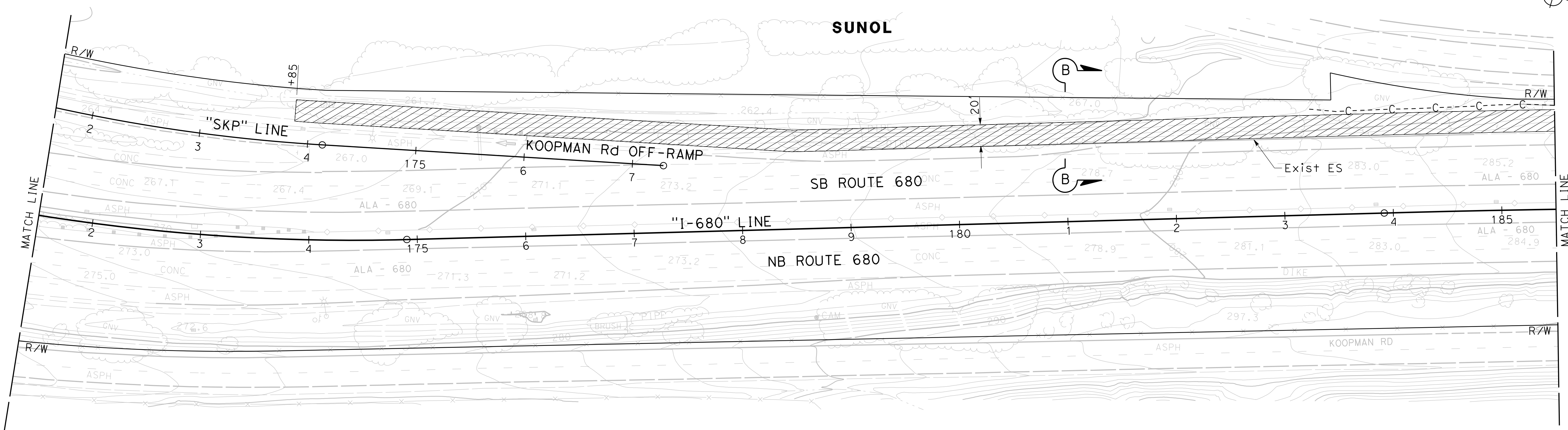
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 DGN FILE => 0418000069ga091.dgn
 BORDER LAST REVISED 7/2/2010
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21
 PROJECT NUMBER & PHASE: 04200002351
 UNIT: 0733
 RELATIVE BORDER SCALE: 1" = 50'
 DATE PLOTTED => 2/8/2022
 TIME PLOTTED => 9:53:34 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	165	1710
			REGISTERED CIVIL ENGINEER DATE 9-29-21 October 8, 2021 PLANS APPROVAL DATE		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

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



SECTION B-B
 NO SCALE



PLAN
 SCALE: 1" = 50'

CONSTRUCTION DETAILS
AERIALLY DEPOSITED LEAD
 SCALE: AS SHOWN

C-92

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	DESIGNED BY	CHECKED BY
ET Caltrans	CHARLIE CHRES	JOHN NGUYEN	CC	9-29-21
REVISOR	DATE	REVISOR	DATE	REVISOR

FOR NOTES, ABBREVIATIONS,
 AND LEGEND SEE SHEET C-91

USERNAME => charliec
 DGN FILE => 0418000069ga092.dgn



UNIT 0733

PROJECT NUMBER & PHASE 04200002351

BORDER LAST REVISED 7/2/2010

LAST REVISION DATE PLOTTED => 2/8/2022
 09-29-21 TIME PLOTTED => 9:53:41 AM

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21

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

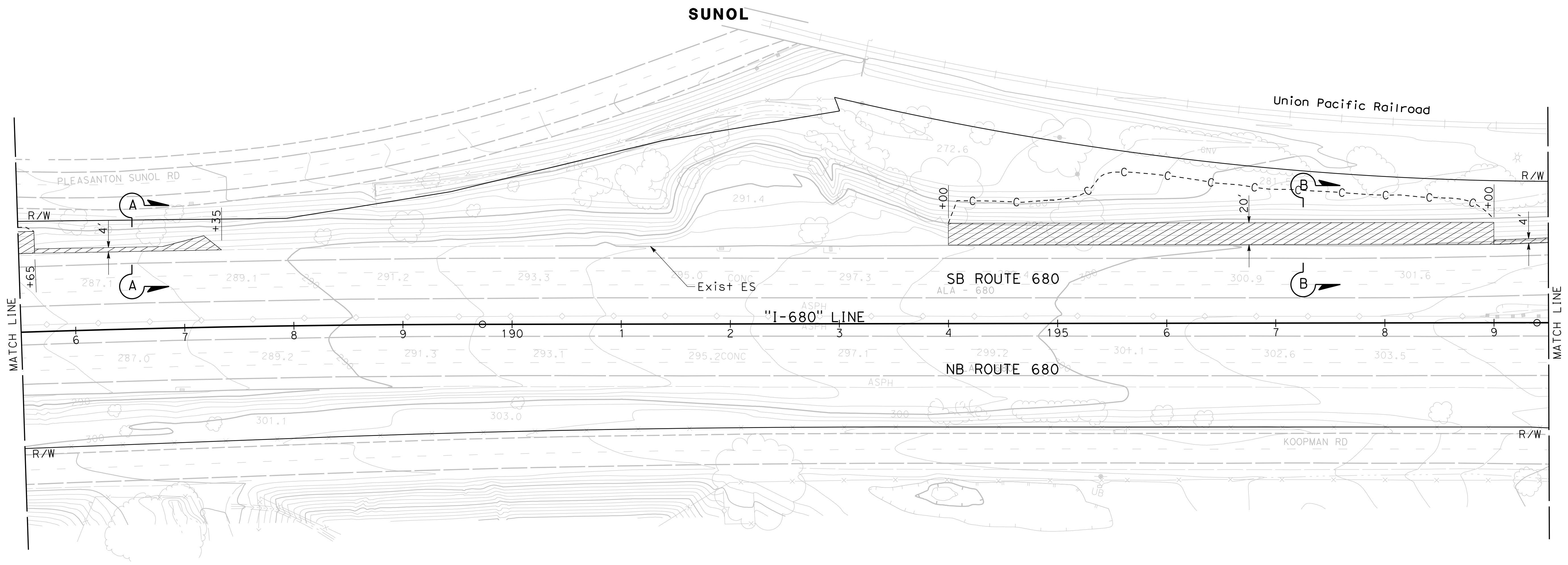
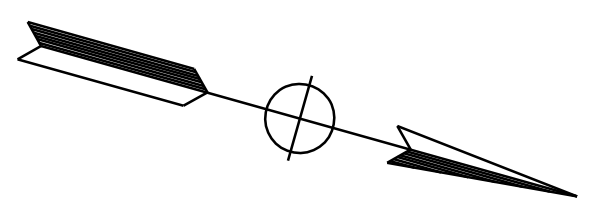
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	166	1710

REGISTERED CIVIL ENGINEER: *Nguyen*
 DATE: 9-29-21
 PLANS APPROVAL DATE: October 8, 2021

REGISTERED PROFESSIONAL ENGINEER
 CHUONG NGUYEN
 No. C46770
 Exp. 6-30-23
 CIVIL
 STATE OF CALIFORNIA

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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FOR NOTES, ABBREVIATIONS,
AND LEGEND SEE SHEET C-91

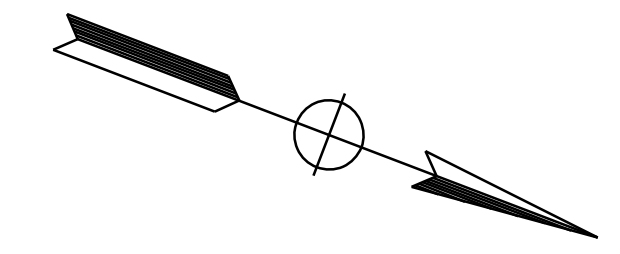
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AERIALY DEPOSITED LEAD
 SCALE: 1" = 50'

C-93

LAST REVISION: DATE PLOTTED => 2/8/2022
 09-29-21 TIME PLOTTED => 9:53:47 AM

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT - FUNCTIONAL SUPERVISOR
 CHARLIE CHRES
 JOHN NGUYEN
 TIMOTHY J. LEE
 CC
 9-29-21
 REVISED BY
 DATE REVISED
 CALCULATED-DESIGNED BY
 CHECKED BY
 STATE OF CALIFORNIA
 Caltrans

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



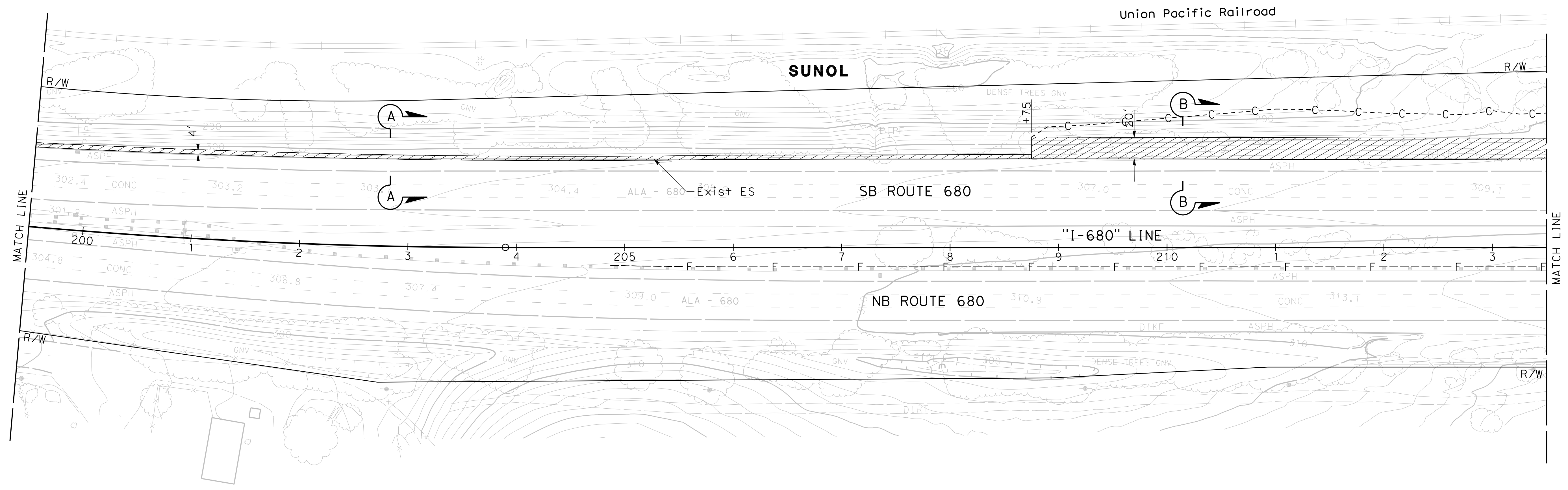
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	167	1710

REGISTERED CIVIL ENGINEER *Nguyen* DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHUONG NGUYEN
 No. C46770
 Exp. 6-30-23
 CIVIL
 STATE OF CALIFORNIA

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WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
---	--



FOR NOTES, ABBREVIATIONS, AND LEGEND SEE SHEET C-91

CONSTRUCTION DETAILS
AERIALY DEPOSITED LEAD
 SCALE: 1" = 50'

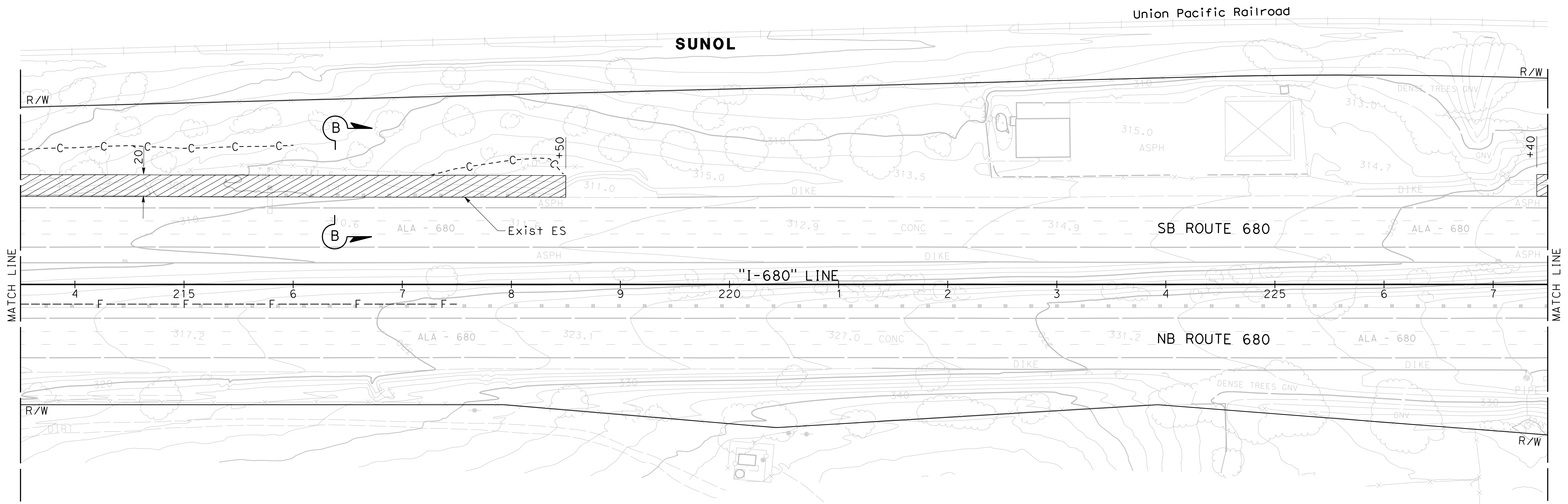
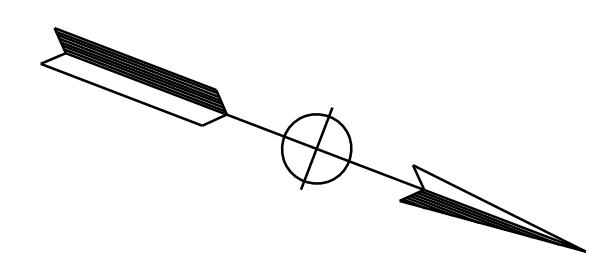
C-94

LAST REVISION: DATE PLOTTED => 2/8/2022
 09-29-21 TIME PLOTTED => 9:53:55 AM

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT - FUNCTIONAL SUPERVISOR
 CHARLIE CHRES
 JOHN NGUYEN
 TIMOTHY J. LEE
 CC
 9-29-21
 REVISED BY
 DATE REVISED
 CALCULATED-DESIGNED BY
 CHECKED BY
 STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 Et Caltrans

NOTE:
 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	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	168	1710
			REGISTERED CIVIL ENGINEER	DATE	
			CHUONG NGUYEN	9-29-21	
			PLANS APPROVAL DATE		
			No. C46770		
			Exp. 6-30-23		
			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>					
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FOR NOTES, ABBREVIATIONS, AND LEGEND SEE SHEET C-91

CONSTRUCTION DETAILS
AERIALY DEPOSITED LEAD
 SCALE: 1" = 50'

C-95

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT - FUNCTIONAL SUPERVISOR
 CHARLIE CHRES
 JOHN NGUYEN
 TIMOTHY J. LEE
 CC
 9-29-21

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

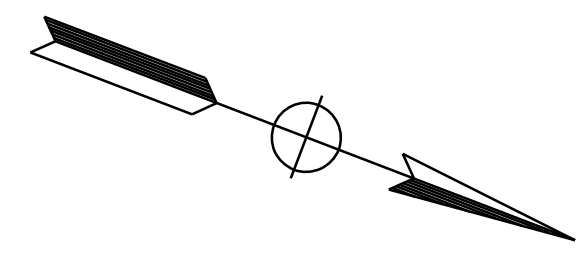
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	169	1710

REGISTERED CIVIL ENGINEER *Nguyen* DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

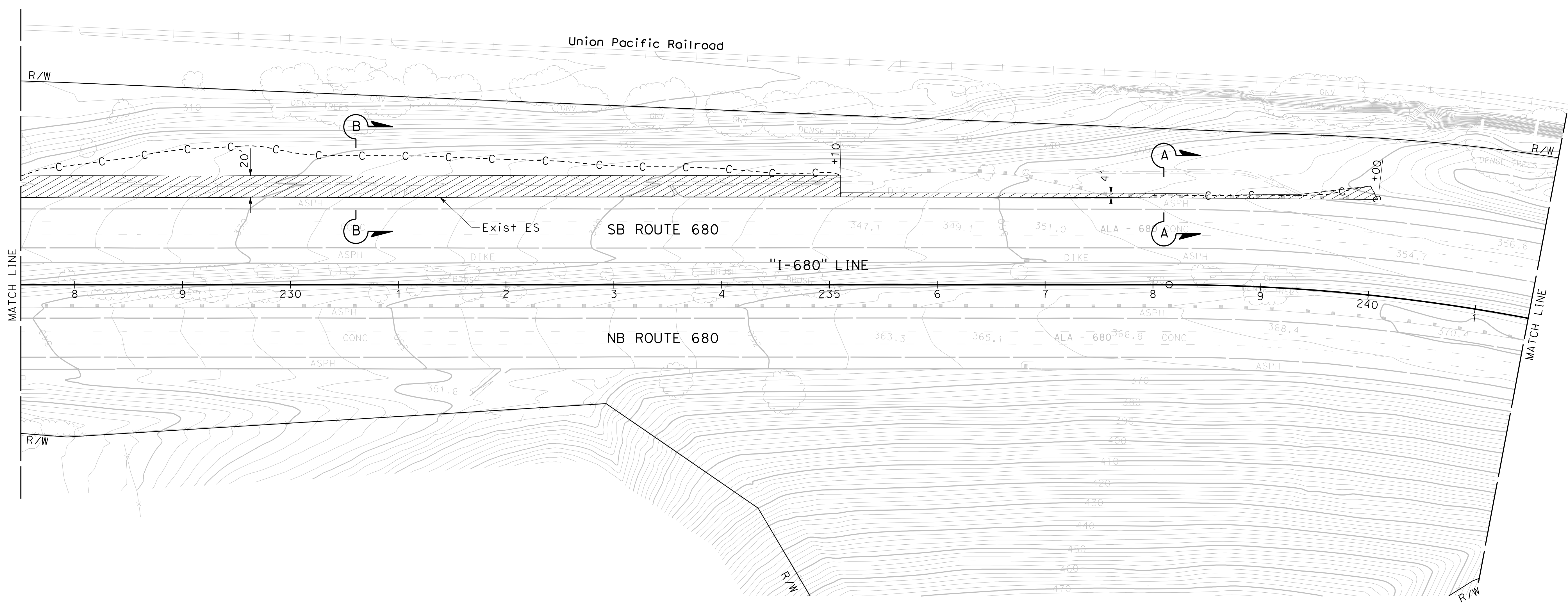
REGISTERED PROFESSIONAL ENGINEER
 CHUONG NGUYEN
 No. C46770
 Exp. 6-30-23
 CIVIL
 STATE OF CALIFORNIA

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SUNOL



FOR NOTES, ABBREVIATIONS,
 AND LEGEND SEE SHEET C-91

CONSTRUCTION DETAILS
AERIALLY DEPOSITED LEAD
 SCALE: 1" = 50'

C-96

LAST REVISION DATE PLOTTED => 2/8/2022
 09-29-21 TIME PLOTTED => 9:54:06 AM

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: CHARLIE CHRES
 SUPERVISOR: TIMOTHY J. LEE
 CHECKED BY: JOHN NGUYEN
 DESIGNED BY: CHARLIE CHRES
 REVISED BY: CC
 DATE: 9-29-21

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

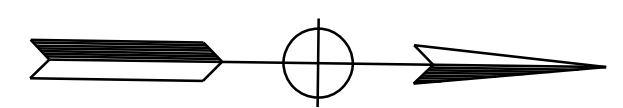
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	170	1710

REGISTERED CIVIL ENGINEER: *Nguyen*
 DATE: 9-29-21
 PLANS APPROVAL DATE: October 8, 2021

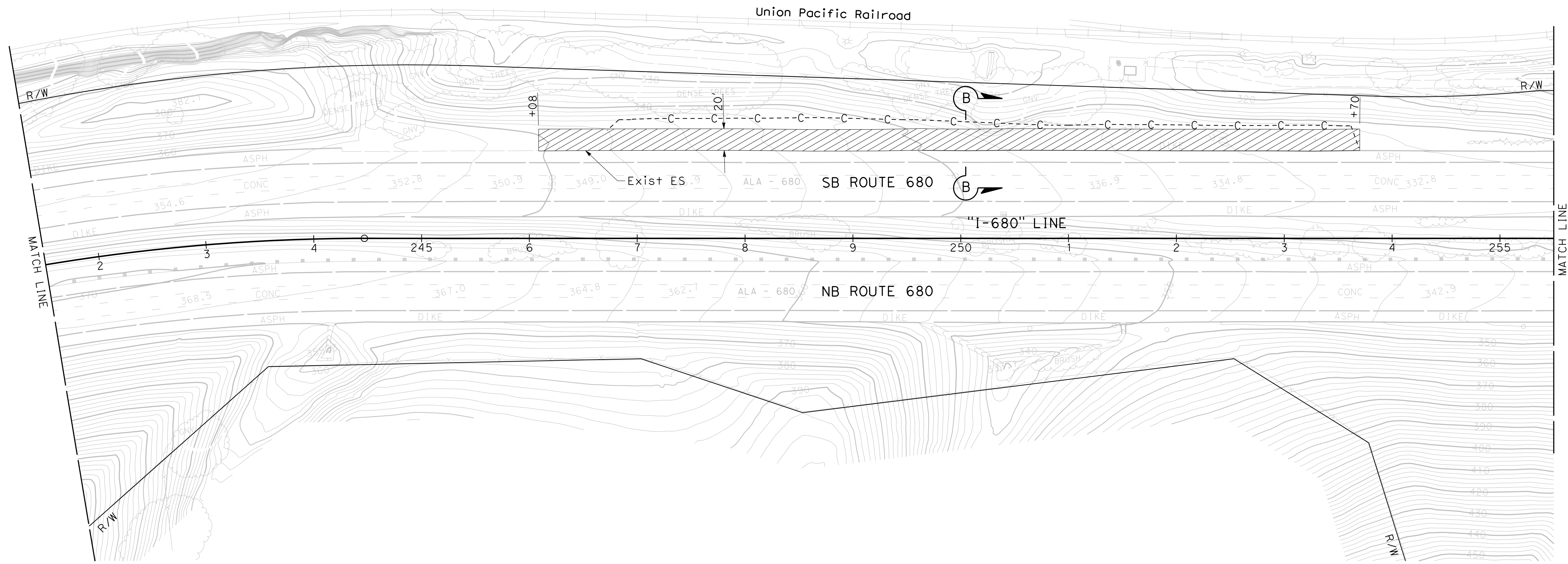
REGISTERED PROFESSIONAL ENGINEER
 CHUONG NGUYEN
 No. C46770
 Exp. 6-30-23
 CIVIL
 STATE OF CALIFORNIA

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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SUNOL



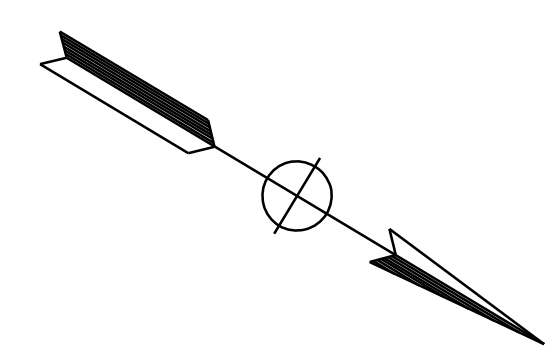
FOR NOTES, ABBREVIATIONS, AND LEGEND SEE SHEET C-91

CONSTRUCTION DETAILS
AERIALLY DEPOSITED LEAD
 SCALE: 1" = 50'

C-97

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21
 CC
 9-29-21

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



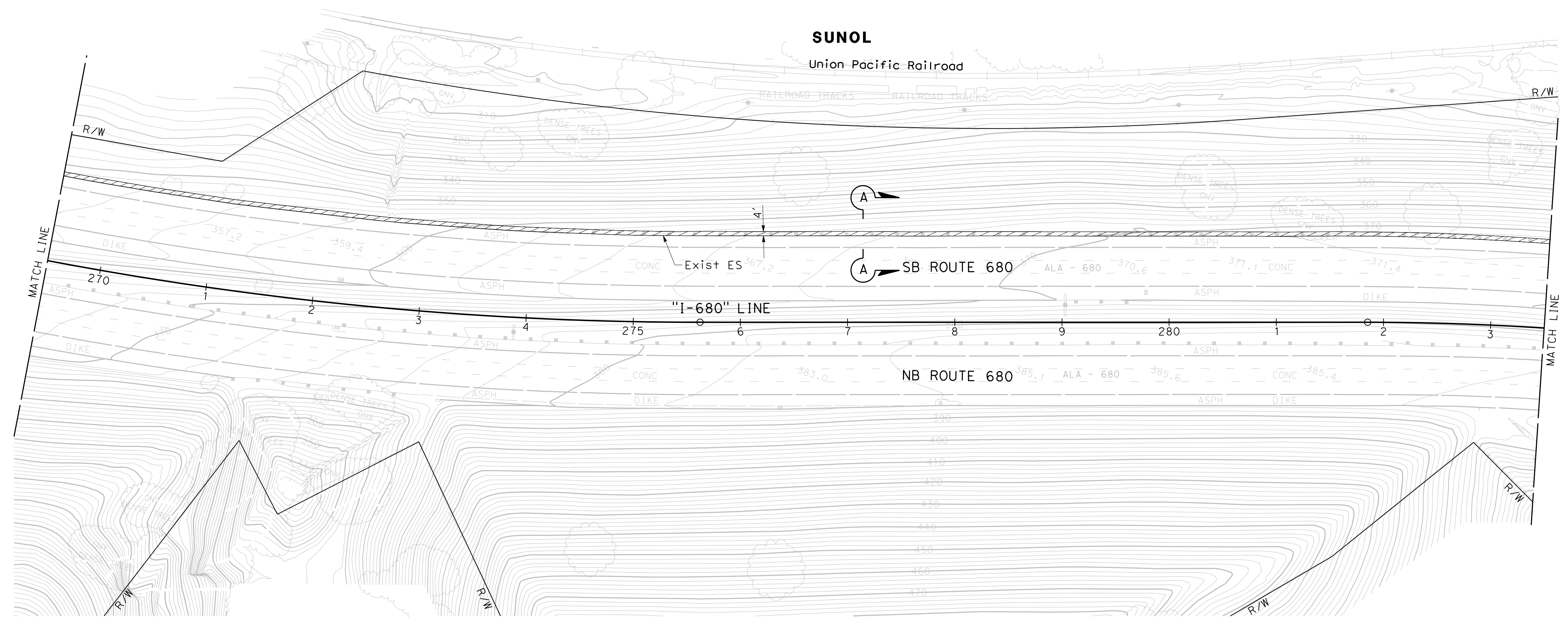
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	172	1710

REGISTERED CIVIL ENGINEER: *Nguyen* 9-29-21
 DATE: 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE: 9-29-21

REGISTERED PROFESSIONAL ENGINEER
 CHUONG NGUYEN
 No. C46770
 Exp. 6-30-23
 CIVIL
 STATE OF CALIFORNIA

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FOR NOTES, ABBREVIATIONS,
AND LEGEND SEE SHEET C-91

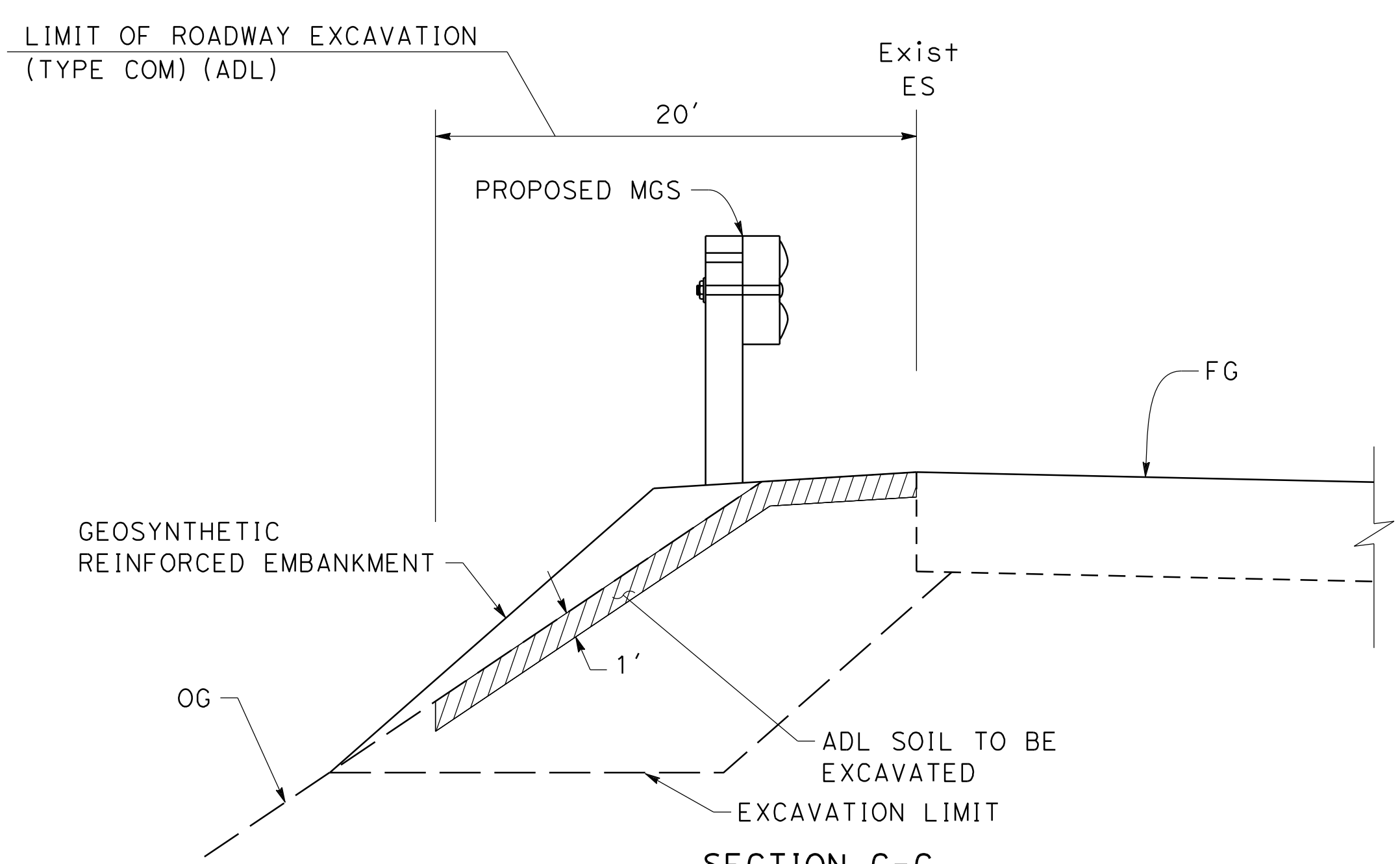
CONSTRUCTION DETAILS
AERIALY DEPOSITED LEAD
 SCALE: 1" = 50'

C-99

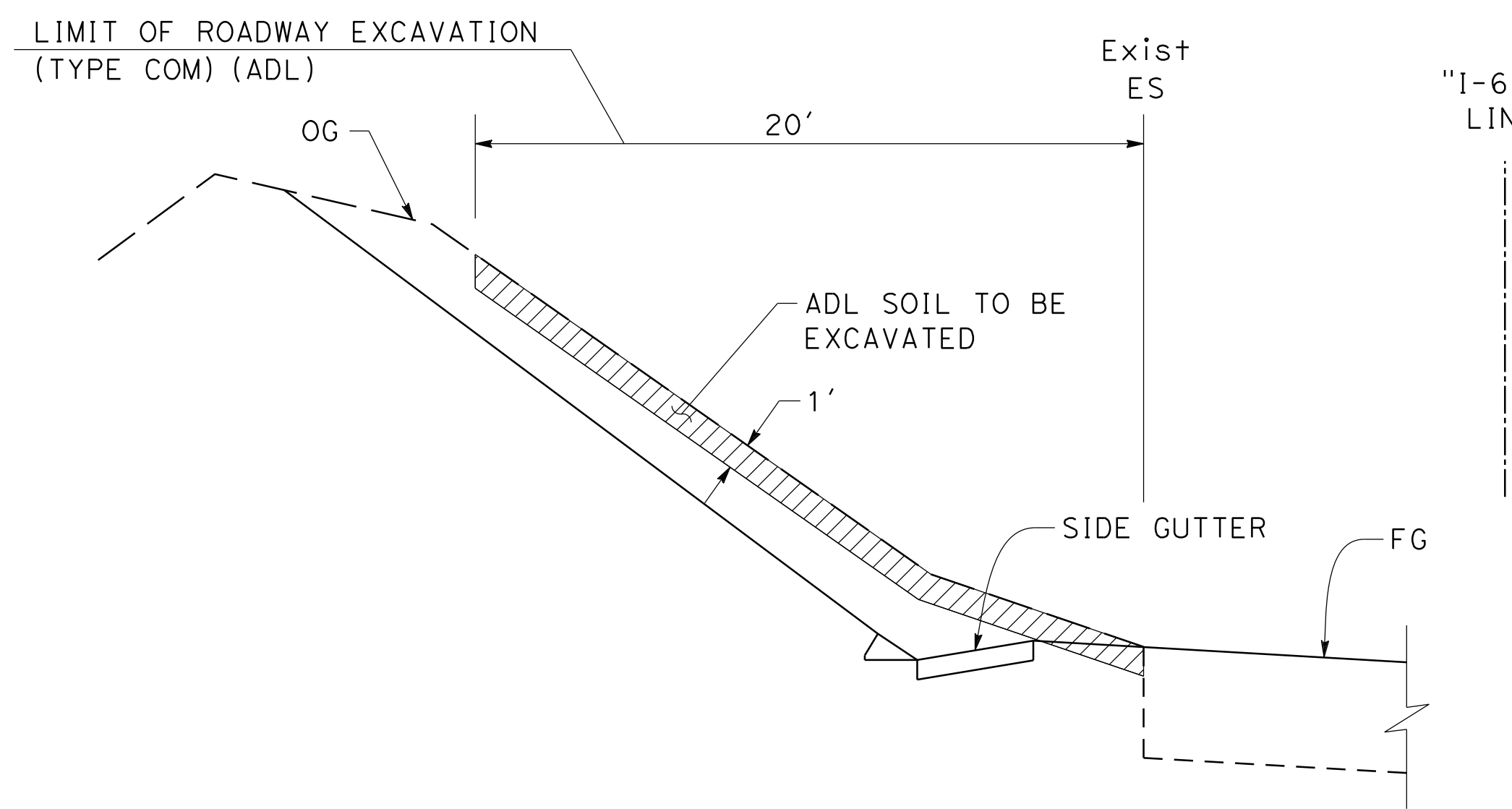
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 09-29-21 TIME PLOTTED => 9:54:25 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	173	1710
			REGISTERED CIVIL ENGINEER	9-29-21	DATE
			October 8, 2021	PLANS APPROVAL DATE	
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

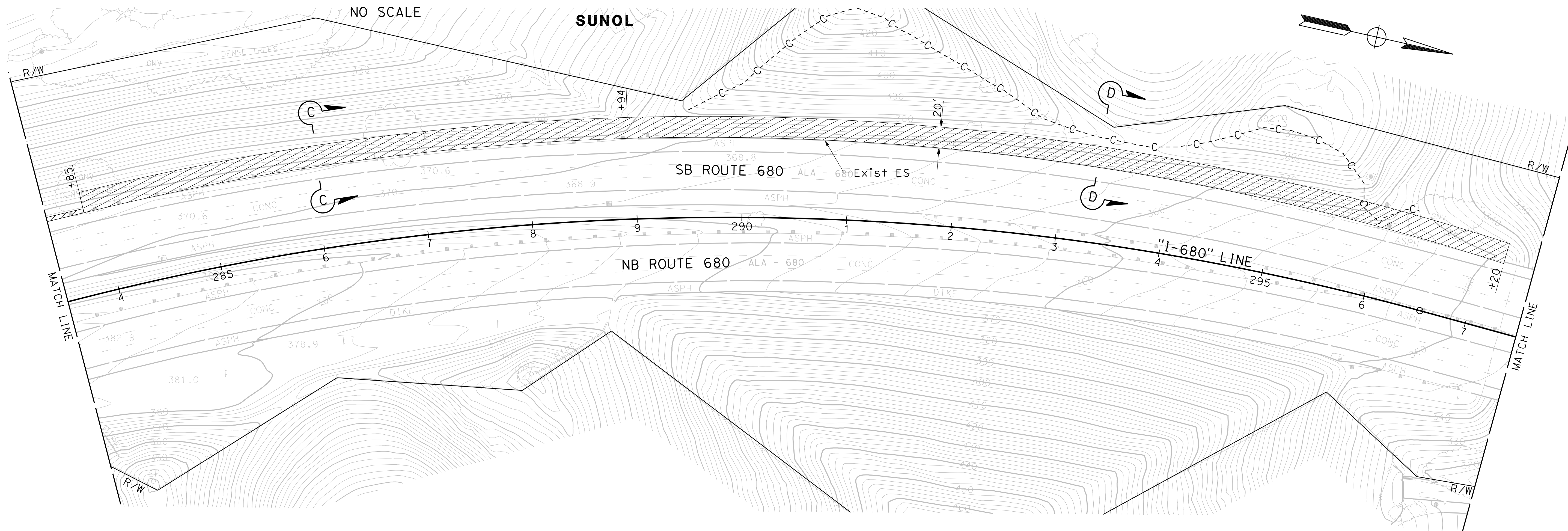
NOTE:
 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



SECTION C-C
 "I-680" 283+85 TO "I-680" 288+94
 NO SCALE



SECTION D-D
 NO SCALE



PLAN
 SCALE: 1" = 50'

CONSTRUCTION DETAILS
AERIALLY DEPOSITED LEAD
 SCALE: AS SHOWN
C-100

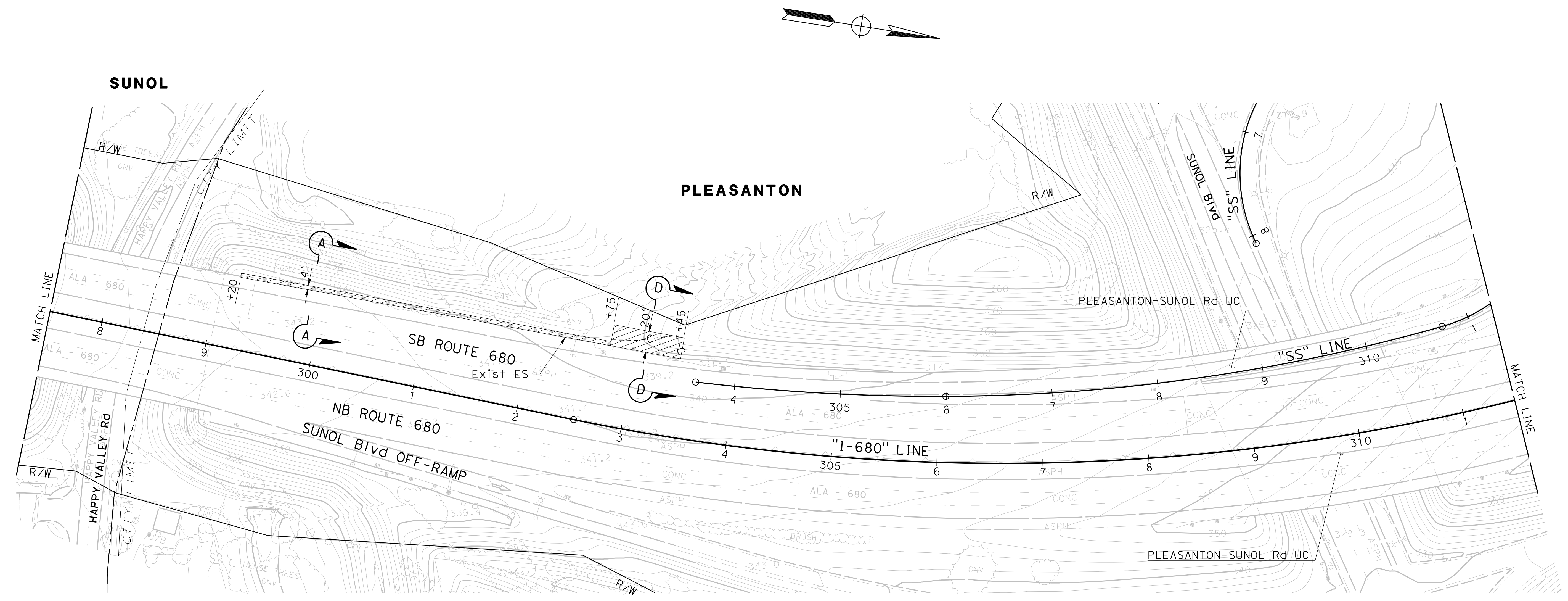
FOR NOTES, ABBREVIATIONS,
 AND LEGEND SEE SHEET C-91

CC	9-29-21	REVISOR	DATE	REVISOR	DATE
CC	9-29-21	REVISOR	DATE	REVISOR	DATE
CHARLIE CHRES	JOHN NGUYEN	CALCULATED/DESIGNED BY	CHECKED BY	TIMOTHY J. LEE	
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION 					

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	174	1710
			REGISTERED CIVIL ENGINEER	9-29-21	DATE
			October 8, 2021	PLANS APPROVAL DATE	
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21



FOR NOTES, ABBREVIATIONS,
AND LEGEND SEE SHEET C-91

CONSTRUCTION DETAILS
AERIALLY DEPOSITED LEAD
SCALE: 1" = 50'

C-101

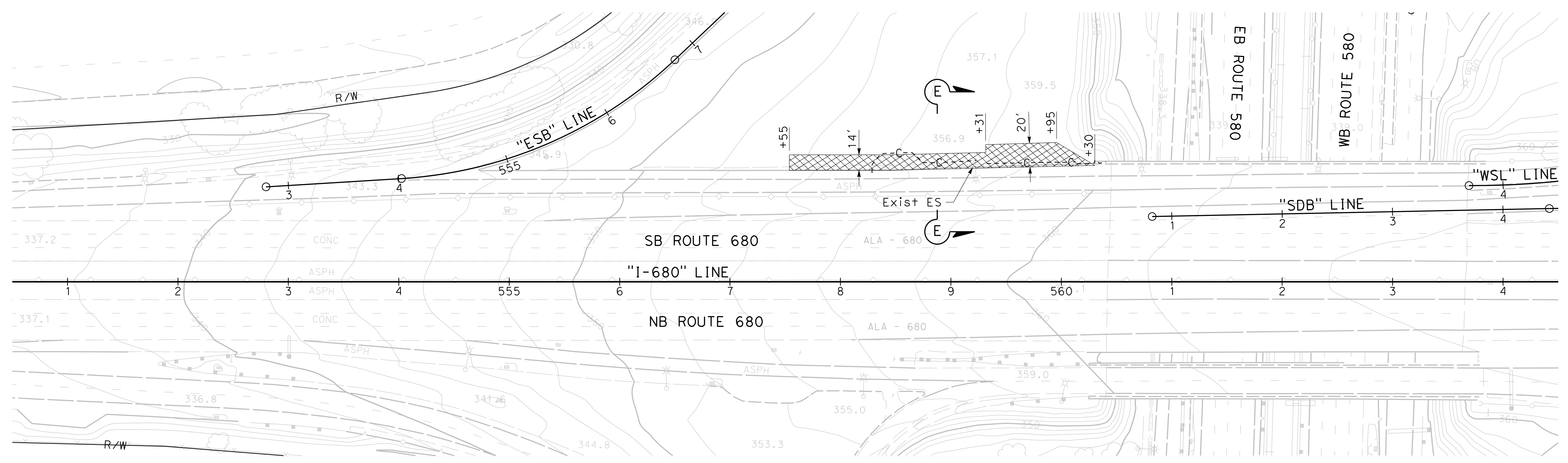
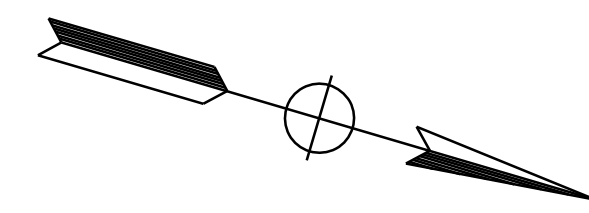
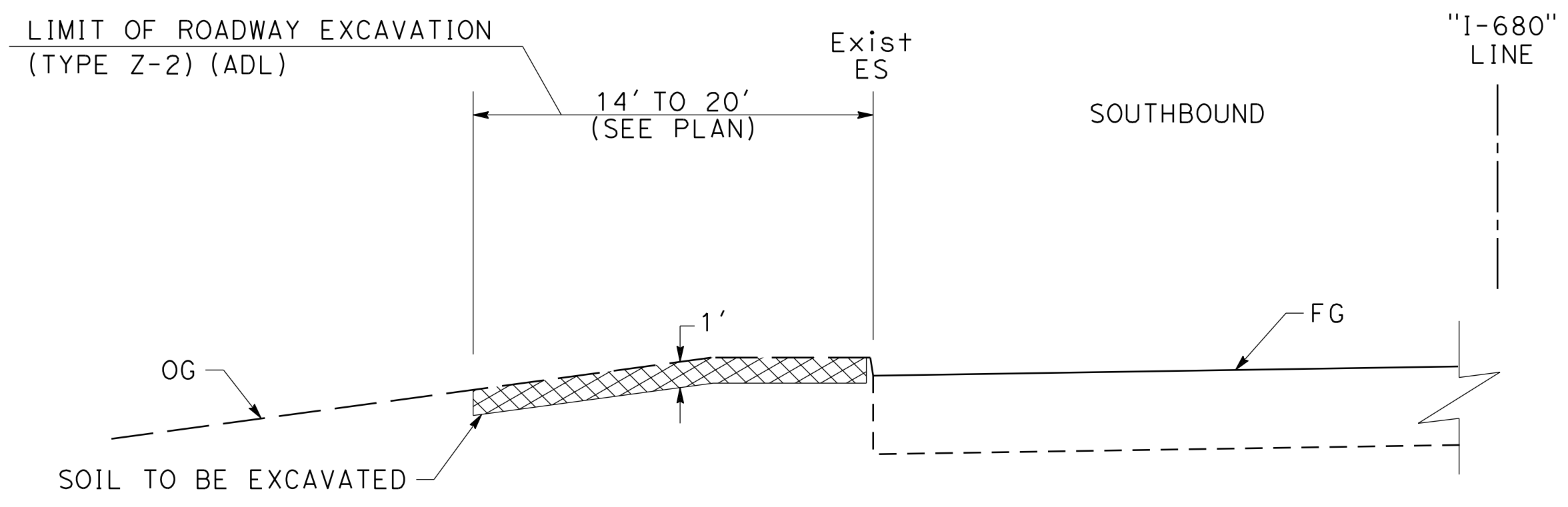
LAST REVISION: DATE PLOTTED => 2/8/2022
 09-29-21 TIME PLOTTED => 9:54:41 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	175	1710

<i>Ingenier</i> REGISTERED CIVIL ENGINEER	9-29-21 DATE
October 8, 2021 PLANS APPROVAL DATE	

CHUONG NGUYEN No. C46770 Exp. 6-30-23 CIVIL STATE OF CALIFORNIA	
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607

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



FOR NOTES, ABBREVIATIONS,
 AND LEGEND SEE SHEET C-91

PLAN
 SCALE: 1" = 50'

CONSTRUCTION DETAILS
AERIALLY DEPOSITED LEAD
 SCALE: AS SHOWN

C-102

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHARLIE CHRES
 CHECKED BY: JOHN NGUYEN
 REVISED BY: CC
 DATE REVISED: 9-29-21
 USERNAME => charliec
 DGN FILE => 0418000069ga102.dgn
 BORDER LAST REVISED 7/2/2010
 RELATIVE BORDER SCALE IS IN INCHES
 UNIT 0733
 PROJECT NUMBER & PHASE 04200002351


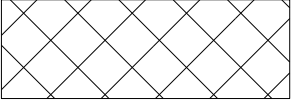
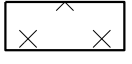
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 09-29-21 TIME PLOTTED => 9:54:48 AM

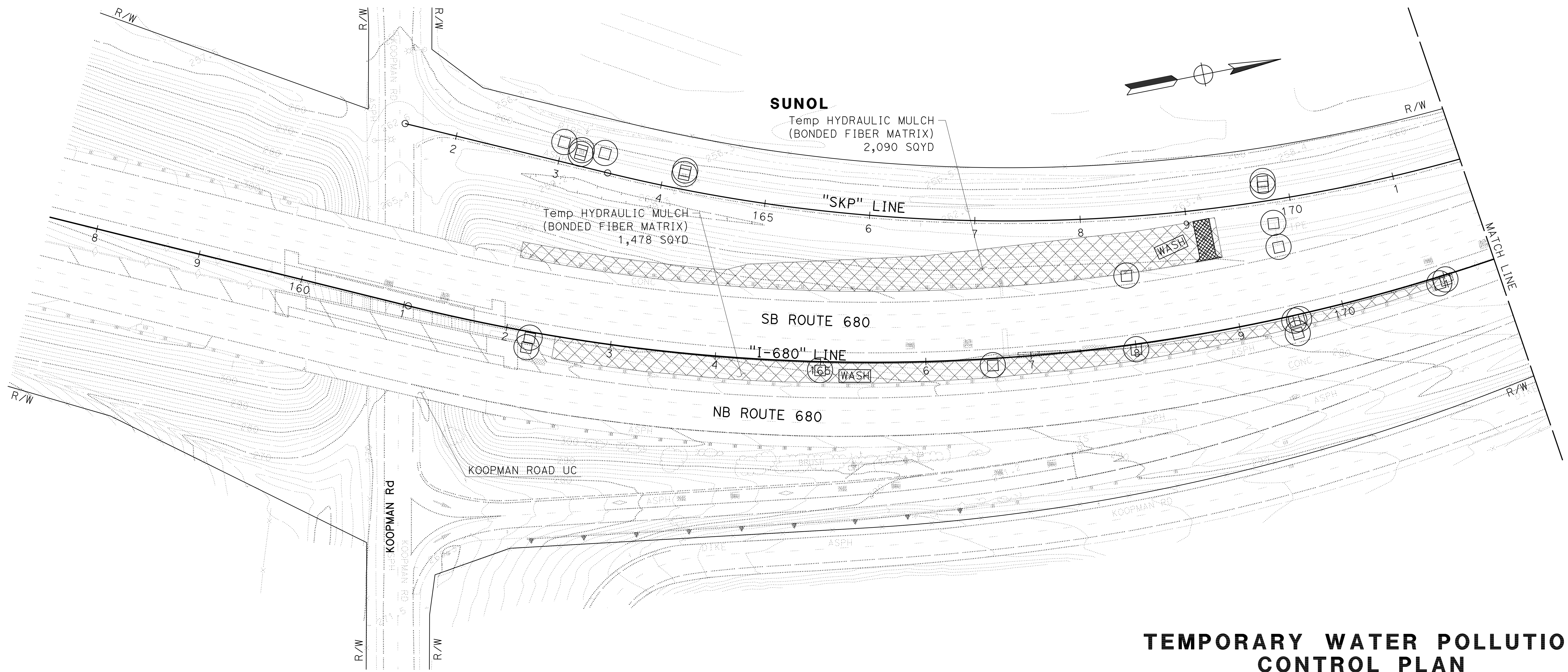
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	177	1710

REGISTERED CIVIL ENGINEER
 NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA
 9-29-21
 DATE
 October 8, 2021
 PLANS APPROVAL DATE

WMH CORPORATION
 55 South Market St
 Suite 1200
 San Jose, CA 95113
 ALAMEDA CTC
 1111 Broadway
 Suite 800
 Oakland, CA 94607

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

- LEGEND:**
-  TRASH NET (SEE DRAINAGE PLANS)
 -  Temp HYDRAULIC MULCH (BONDED FIBER MATRIX)
 -  Temp COVER




TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

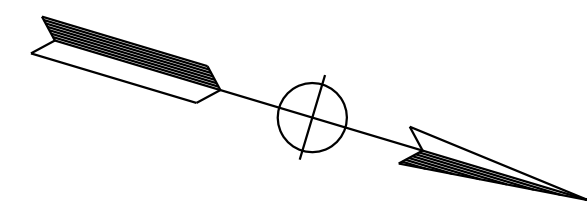
APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

WPC-1

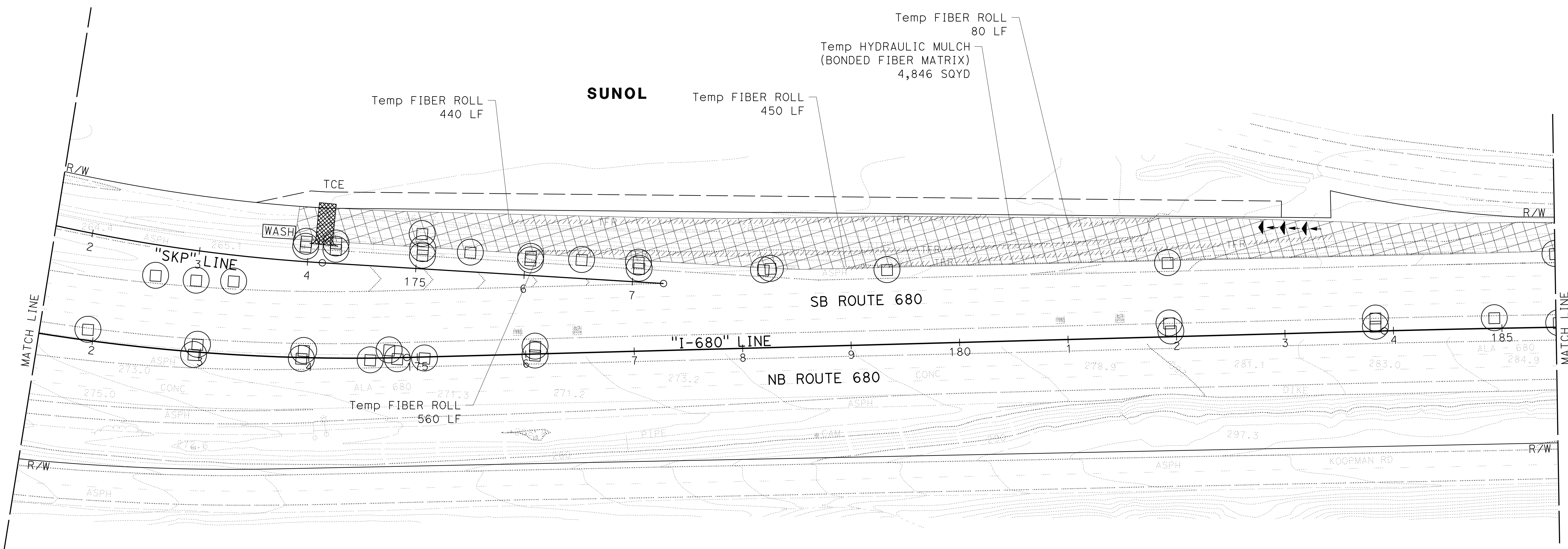
O:\0030\UNDRAFT\ING\FINAL_P58E\0420000235gb001.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 J. RUSHTON
 E. MCPHERSON
 JLR
 9-29-21
 TIMOTHY J. LEE
 USERNAME => p302438
 DGN FILE => 0420000235gb001.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	178	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			PLANS APPROVAL DATE		
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NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



DESIGNED BY	JLR
REVISOR	9-29-21
REVISION	
DESIGNED BY	J. RUSHTON
CHECKED BY	E. MCPHERSON
DESIGNED BY	TIMOTHY J. LEE
CONSULTANT	FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA	DEPARTMENT OF TRANSPORTATION



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

WPC-2

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

LAST REVISION DATE PLOTTED => 7-MAR-2022 TIME PLOTTED => 12:44

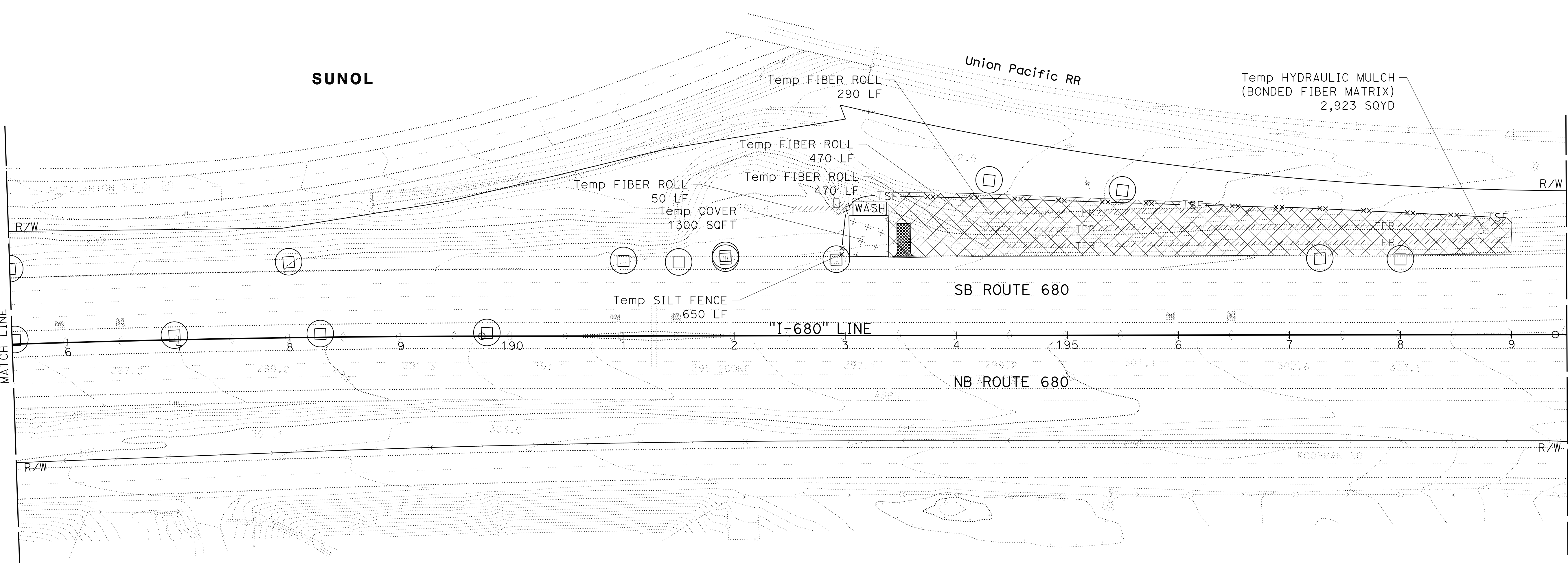
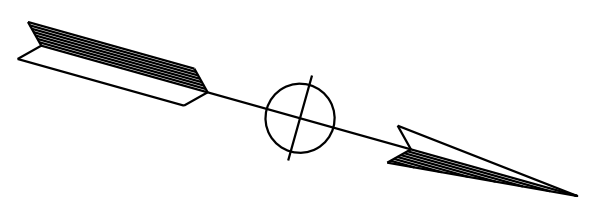
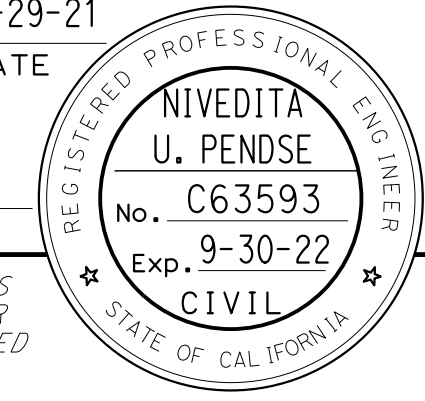
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	179	1710

REGISTERED CIVIL ENGINEER DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

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NOTE:
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

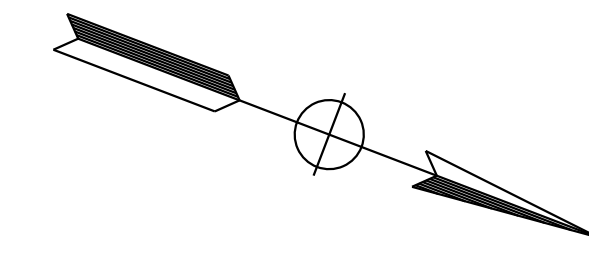
WPC-3

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

O:\0030\UDRAFT\ING\FINAL_P5&E\0420000235gb003.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 J. RUSHTON
 E. MCPHERSON
 JLR
 9-29-21
 TIMOTHY J. LEE
 USERNAME => p302438
 DGN FILE => 0420000235gb003.dgn

LAST REVISION DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:44

NOTE:
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

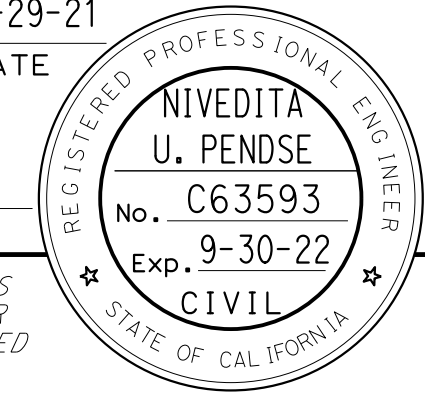


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	180	1710

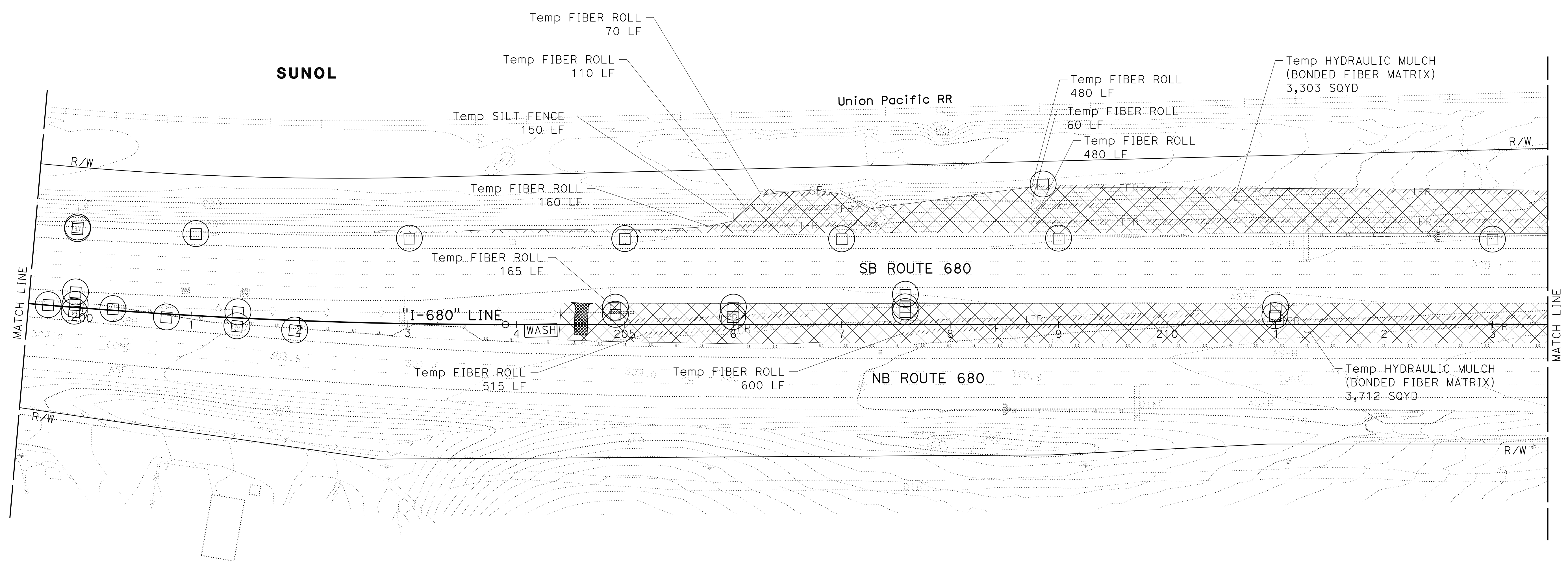
REGISTERED CIVIL ENGINEER DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

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CALCULATED- DESIGNED BY	CHECKED BY	CONSULTANT- FUNCTIONAL SUPERVISOR	DEPARTMENT OF TRANSPORTATION
J. RUSHTON	E. MCPHERSON	TIMOTHY J. LEE	STATE OF CALIFORNIA
REVISOR	DATE	REVISOR	DATE
JLR	9-29-21		



TEMPORARY WATER POLLUTION CONTROL PLAN

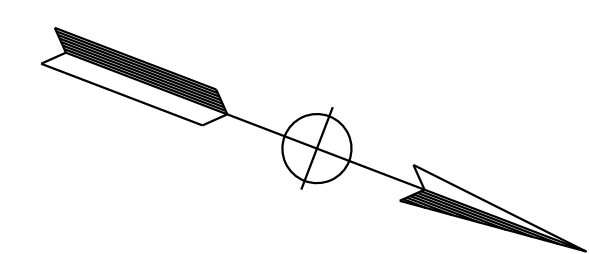
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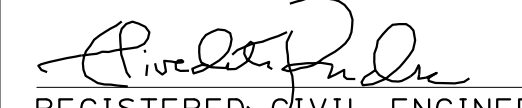
WPC-4

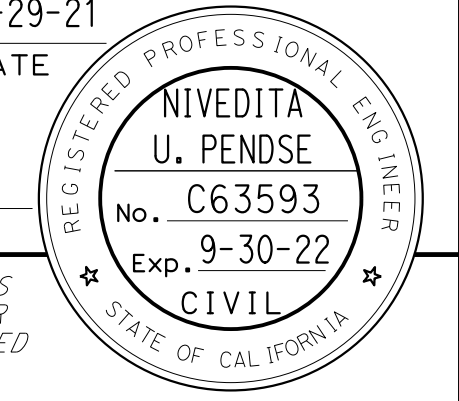
APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

LAST REVISION DATE PLOTTED => 7-MAR-2022 09-29-21 TIME PLOTTED => 12:44

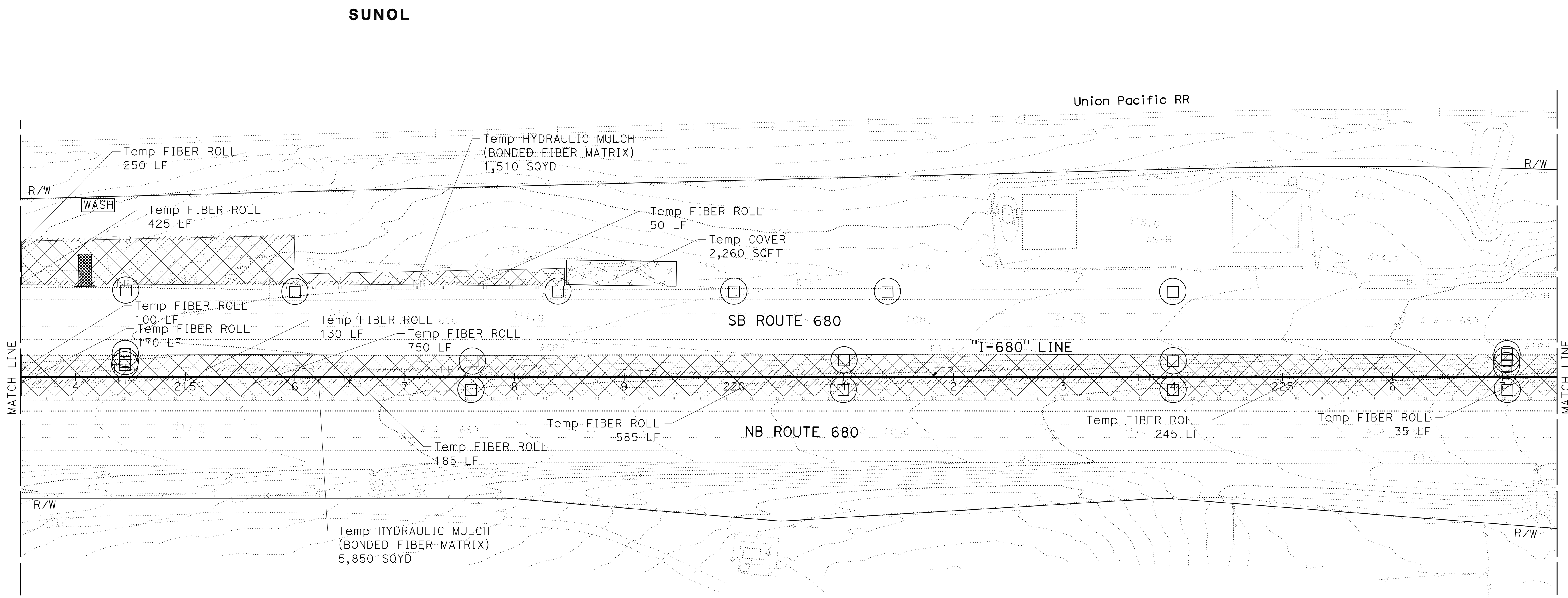
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	181	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
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 E. MCPHERSON
 JLR
 9-29-21
 TIMOTHY J. LEE
 CALTRANS



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

WPC-5

LAST REVISION DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:44

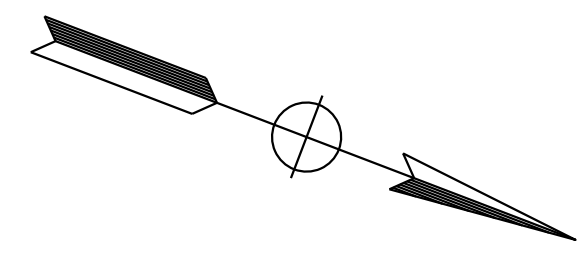
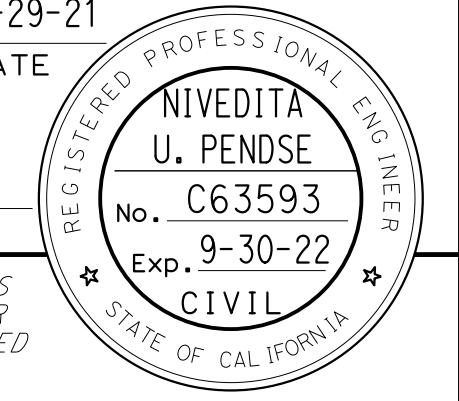
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	182	1710

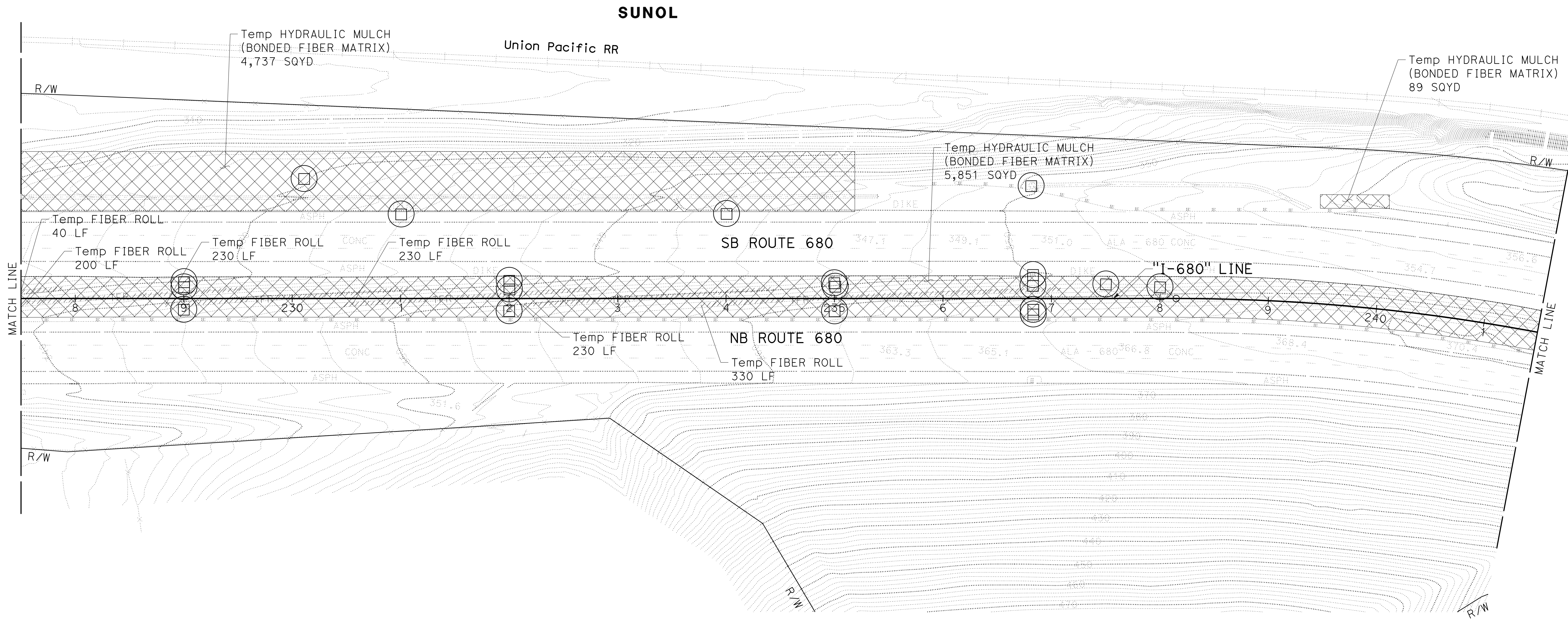
REGISTERED CIVIL ENGINEER DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT SUPERVISOR
 J. RUSHTON
 E. MCPHERSON
 JLR
 9-29-21
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000



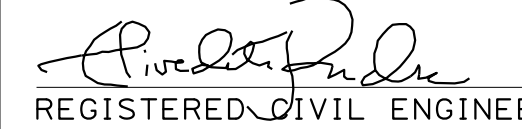
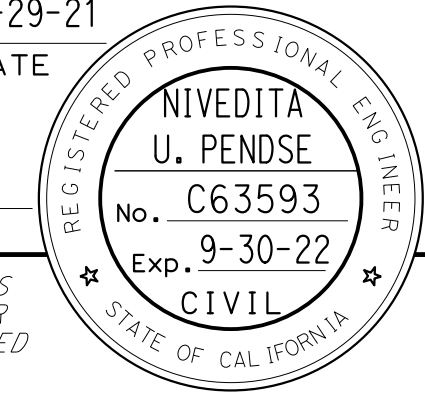
TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

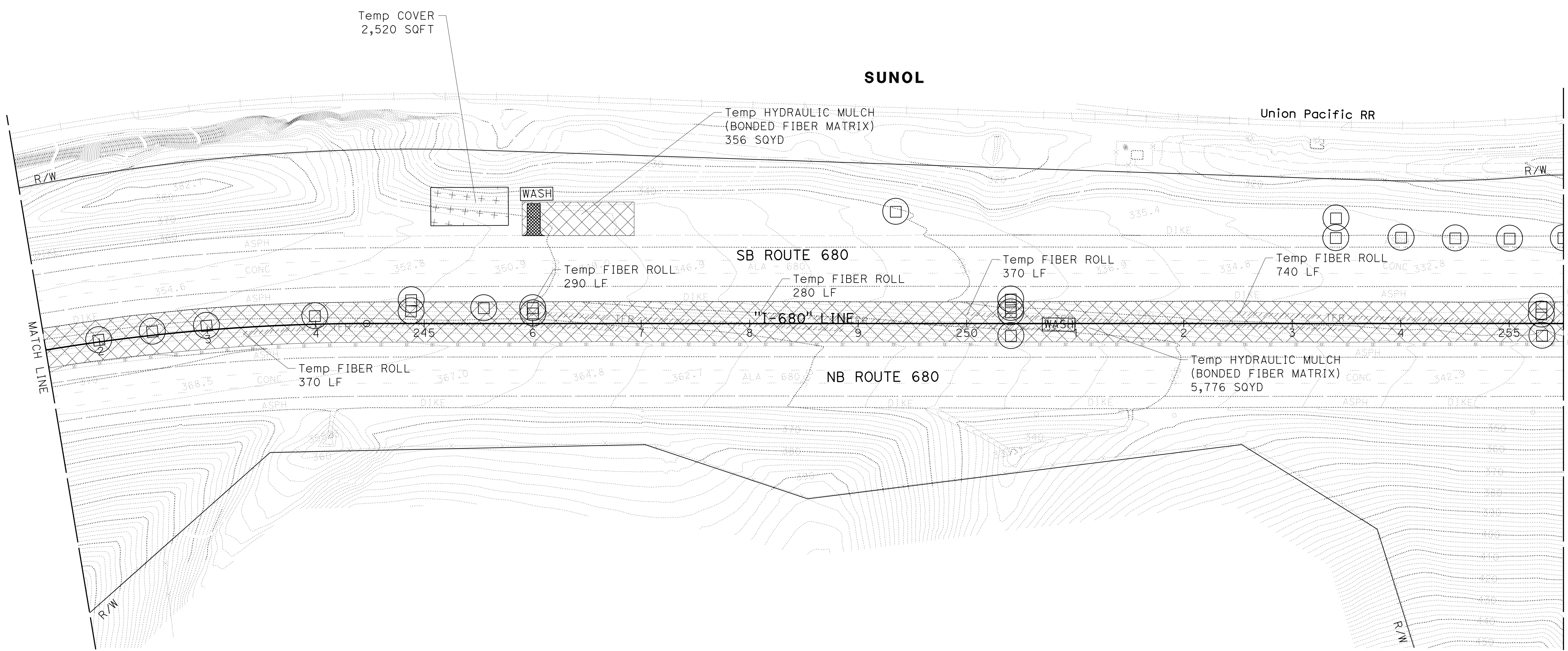
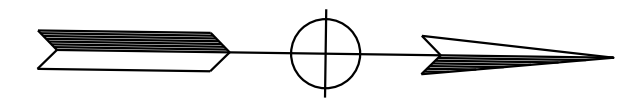
WPC-6

LAST REVISION: 09-29-21 12:44 DATE PLOTTED => 7-MAR-2022 TIME PLOTTED => 12:44

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	183	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

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

REVISOR	DATE	REVISION
JLR	9-29-21	
J. RUSHTON		
E. MCPHERSON		
CALCULATED-DESIGNED BY	CHECKED BY	
TIMOTHY J. LEE		
CONSULTANT FUNCTIONAL SUPERVISOR		
DEPARTMENT OF TRANSPORTATION		




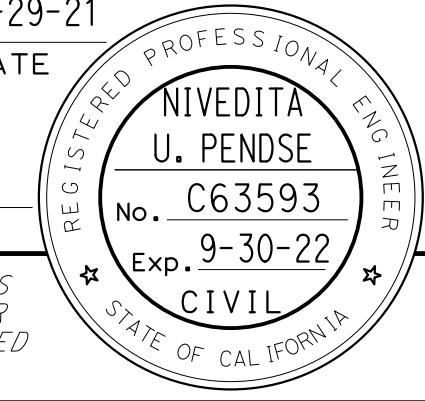
TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

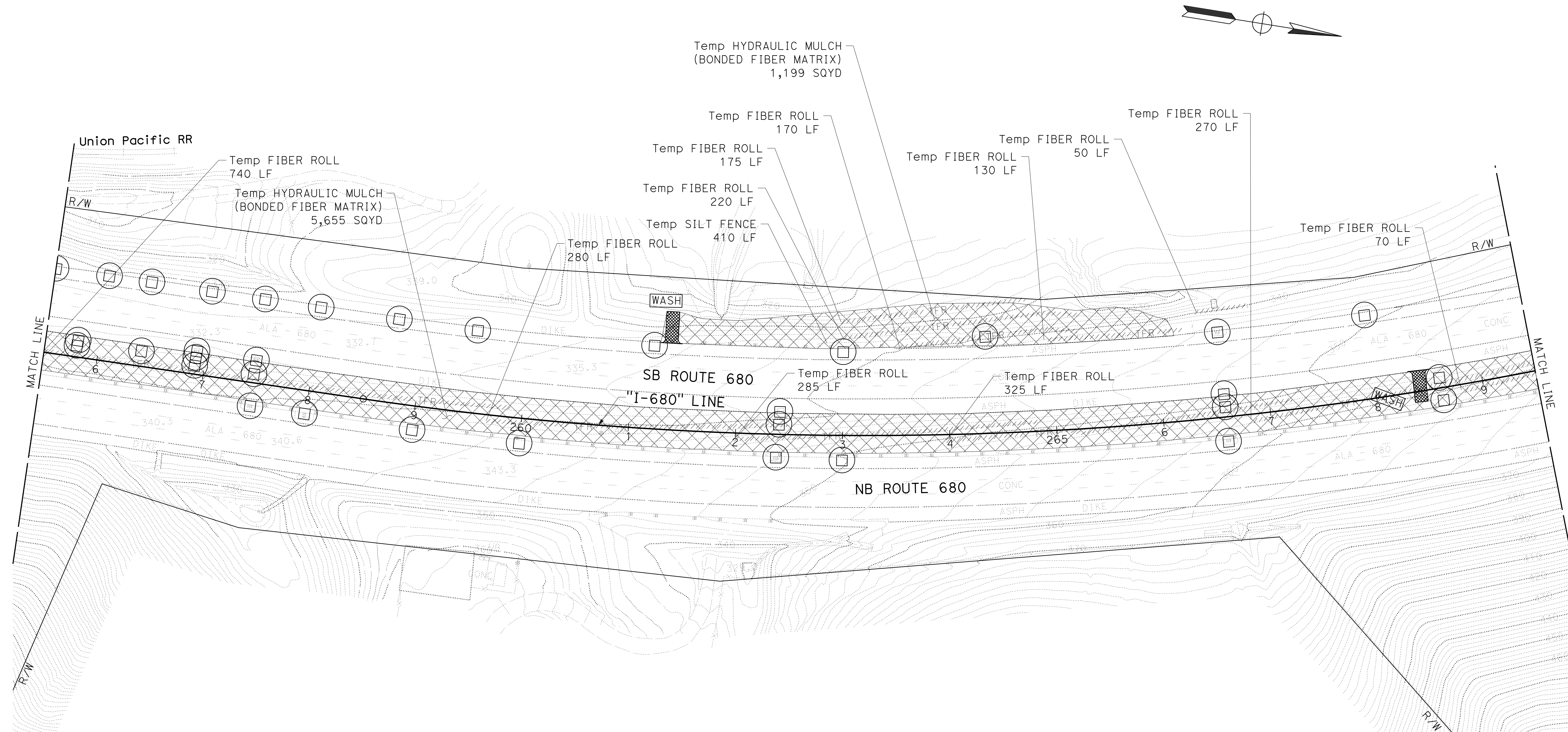
WPC-7

LAST REVISION DATE PLOTTED => 7-MAR-2022 09-29-21 TIME PLOTTED => 12:44

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	184	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			PLANS APPROVAL DATE		
					
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

REVISOR	DATE	REVISION
JLR	9-29-21	
J. RUSHTON		
E. MCPHERSON		
CALCULATED-DESIGNED BY	CHECKED BY	
TIMOTHY J. LEE		
CONSULTANT	FUNCTIONAL SUPERVISOR	
DEPARTMENT OF TRANSPORTATION		
STATE OF CALIFORNIA		



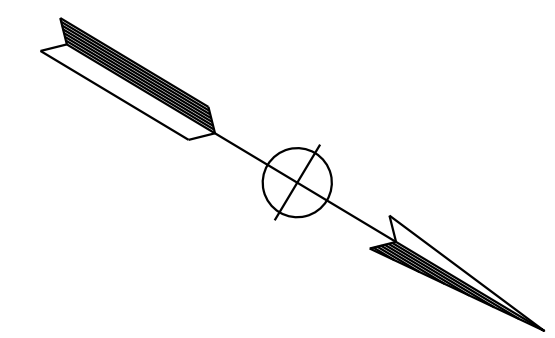
TEMPORARY WATER POLLUTION CONTROL PLAN

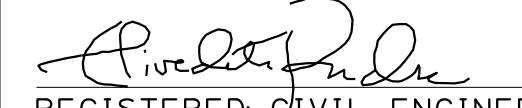
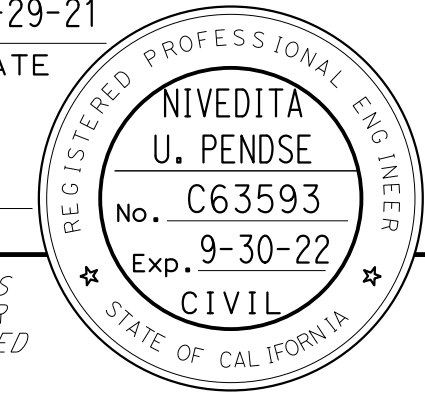
SCALE: 1" = 50'

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

WPC-8

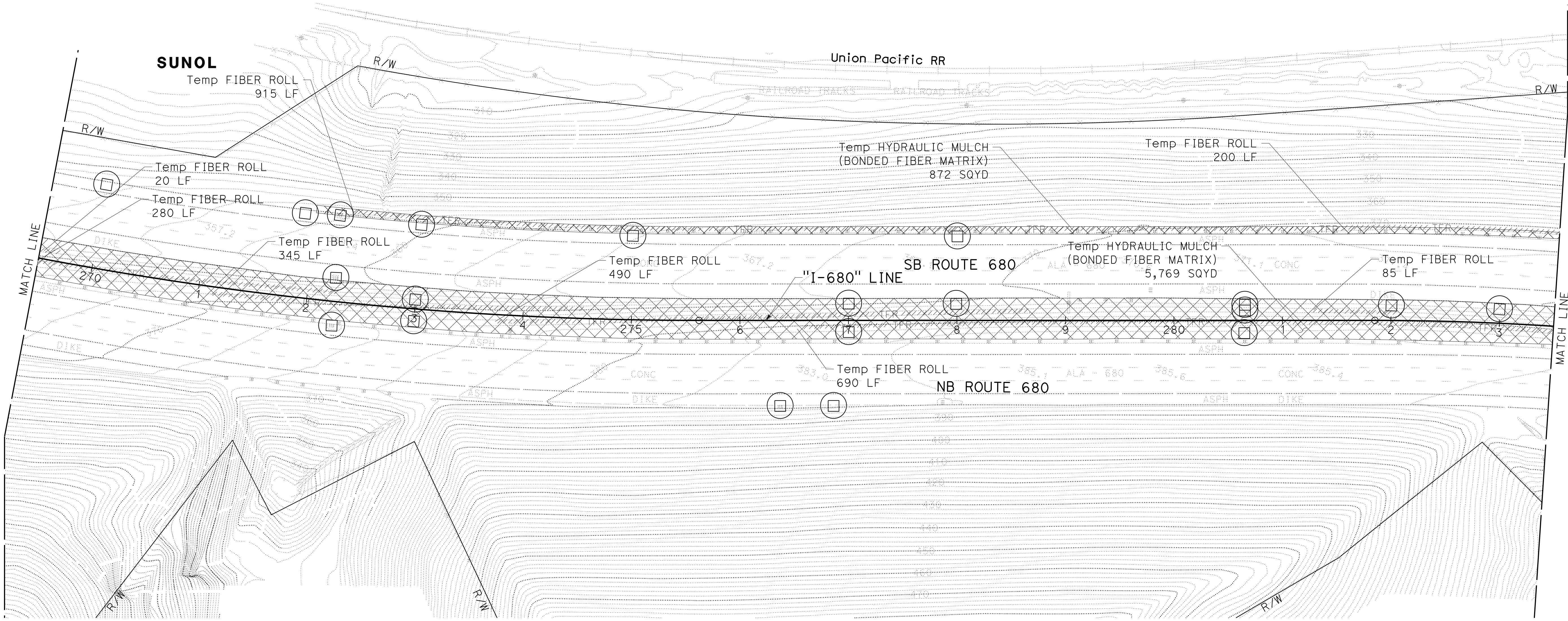
LAST REVISION: 09-29-21 DATE PLOTTED => 7-MAR-2022 TIME PLOTTED => 12:45



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	185	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
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NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

REVISOR	DATE	REVISION
JLR	9-29-21	
REVISOR	DATE	REVISION
J. RUSHTON		
E. MCPHERSON		
CALCULATED-DESIGNED BY	CHECKED BY	
TIMOTHY J. LEE		
CONSULTANT FUNCTIONAL SUPERVISOR		
DEPARTMENT OF TRANSPORTATION		
STATE OF CALIFORNIA		




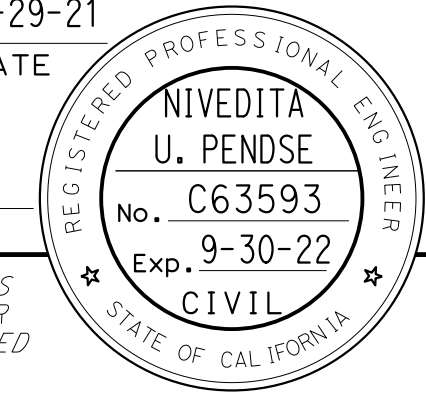
TEMPORARY WATER POLLUTION CONTROL PLAN

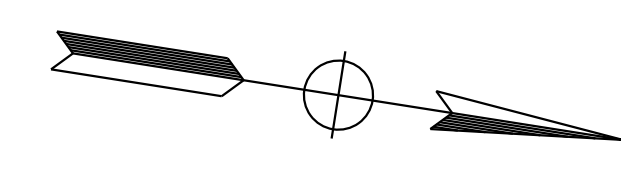
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APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

WPC-9

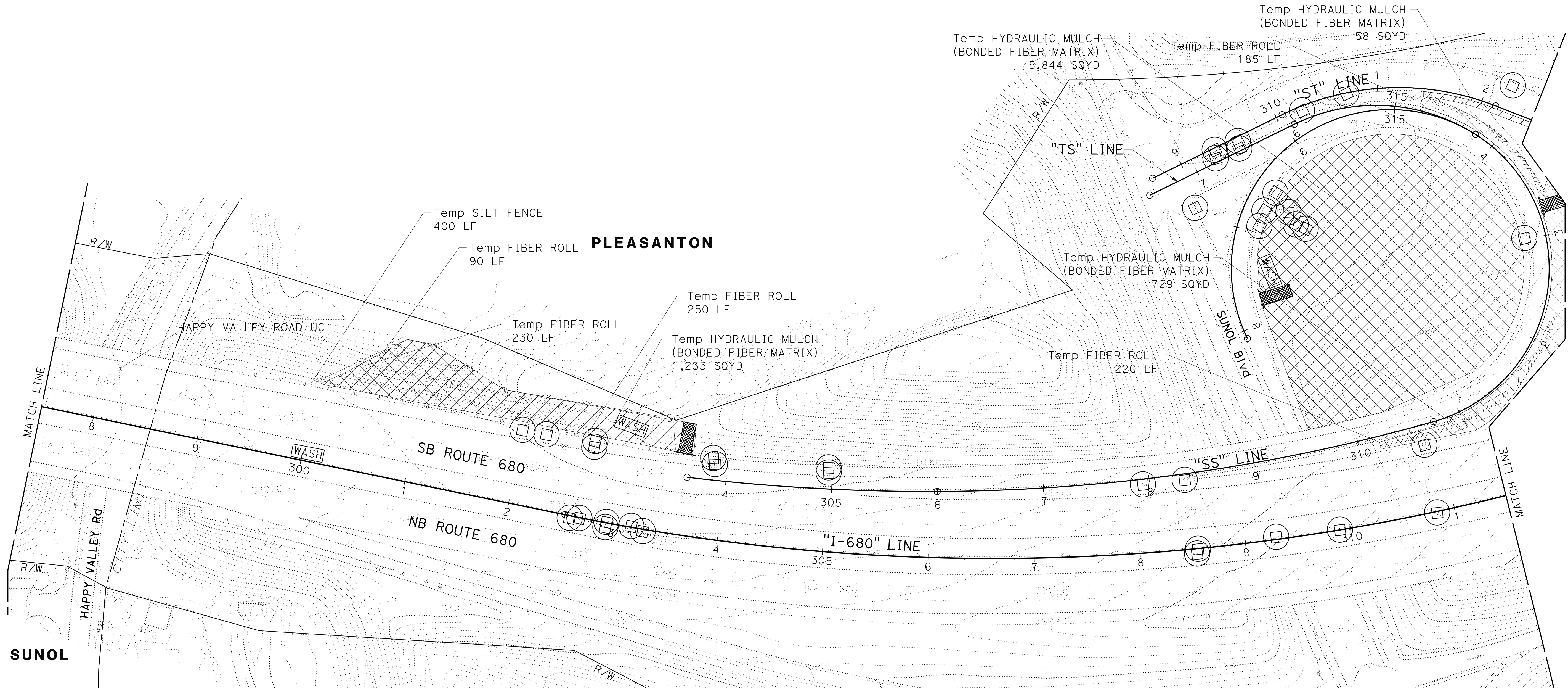
LAST REVISION: DATE PLOTTED => 7-MAR-2022 09-29-21 TIME PLOTTED => 12:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	187	1710
 REGISTERED CIVIL ENGINEER			9-29-21 DATE		
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



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

CALCULATED/DESIGNED BY	JLR
REVISOR	9-29-21
REVISOR	DATE
DESIGNED BY	J. RUSHTON
CHECKED BY	E. MCPHERSON
CONSULTANT SUPERVISOR	TIMOTHY J. LEE
FUNCTIONAL SUPERVISOR	
DEPARTMENT OF TRANSPORTATION	
STATE OF CALIFORNIA	



TEMPORARY WATER POLLUTION CONTROL PLAN

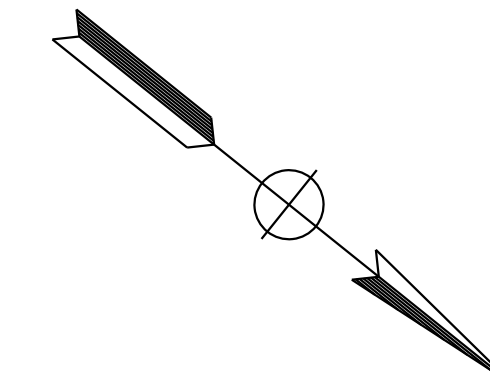
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APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

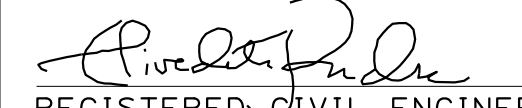
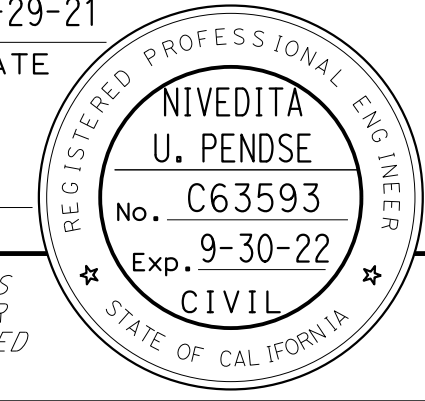
WPC-11

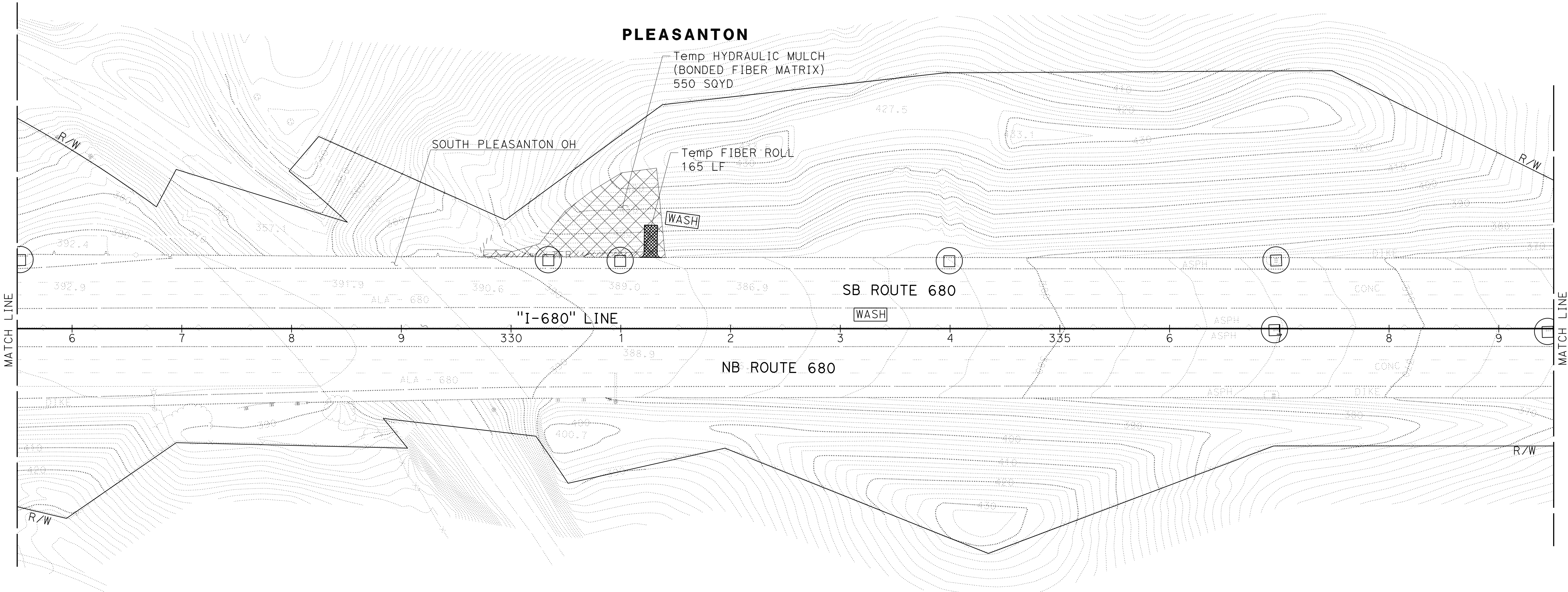
LAST REVISION DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:45

NOTE:
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	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	189	1710

 REGISTERED CIVIL ENGINEER		9-29-21 DATE
October 8, 2021 PLANS APPROVAL DATE		
		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113		ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607



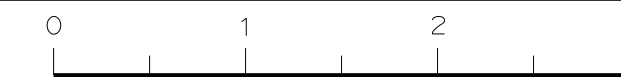
TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

WPC-13

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O:\0030\UNDRAFTING\FINAL_P58E\0420000235gb013.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT SUPERVISOR: J. RUSHTON
 CHECKED BY: E. MCPHERSON
 CALCULATED/DESIGNED BY: JLR
 DATE REVISED: 9-29-21
 CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE



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

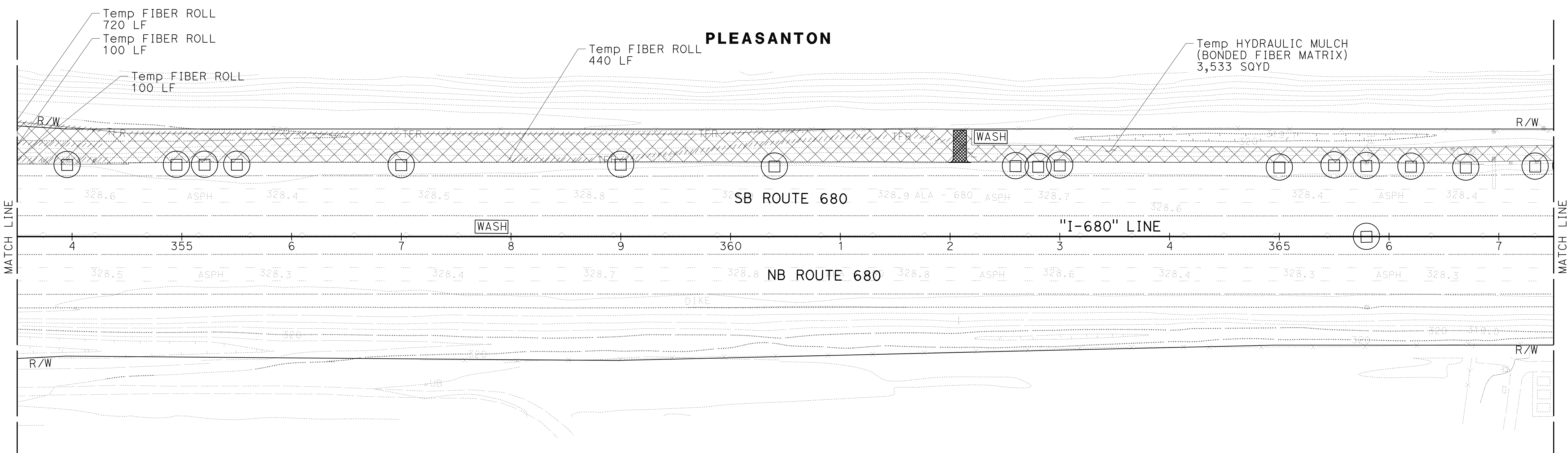
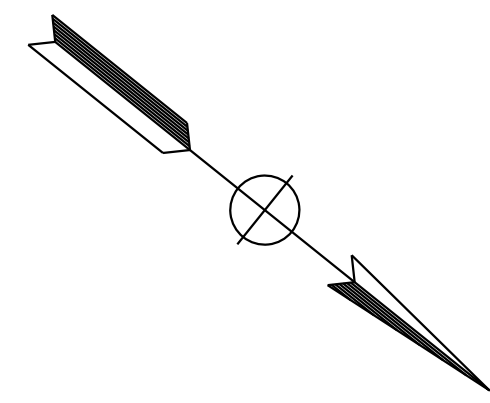
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	191	1710

REGISTERED CIVIL ENGINEER DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 NIVEDITA
 U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

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.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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TEMPORARY WATER POLLUTION CONTROL PLAN

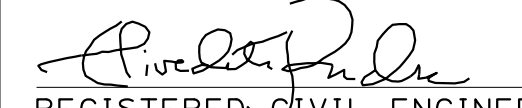
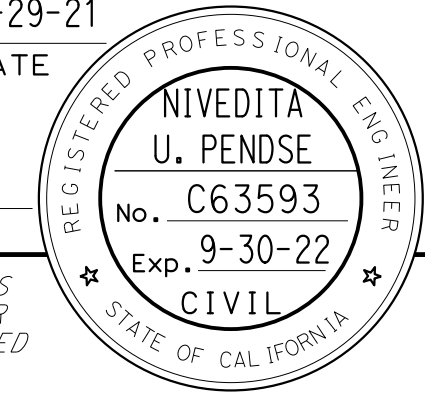
SCALE: 1" = 50'

WPC-15

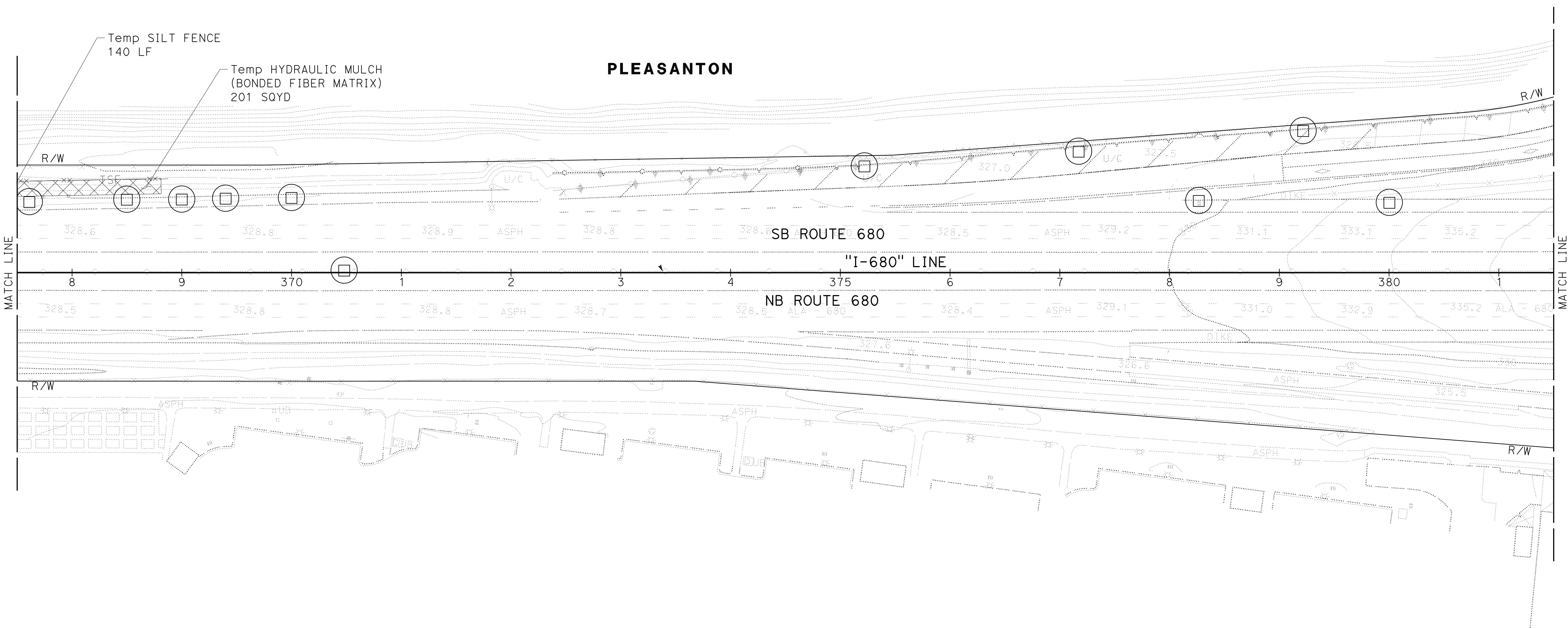
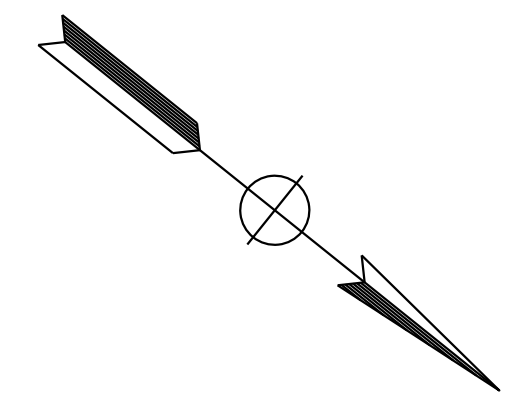
APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

O:\0030\DRAWING\FINAL_P&E\0420000235gb015.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT SUPERVISOR
 J. RUSHTON
 E. MCPHERSON
 JLR
 9-29-21
 REVISIONS:

LAST REVISION: 09-29-21
 DATE PLOTTED => 7-MAR-2022
 TIME PLOTTED => 12:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	192	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 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>					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

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



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

WPC-16

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

O:\0030\UDRAFT\ING\FINAL_P&E\0420000235gb016.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT SUPERVISOR: J. RUSHTON
 CHECKED BY: E. MCPHERSON
 JLR
 9-29-21
 REVISIONS: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: J. RUSHTON
 SUPERVISOR: TIMOTHY J. LEE
 DESIGNED BY: J. RUSHTON
 CHECKED BY: E. MCPHERSON
 REVISED BY: JLR
 DATE REVISED: 9-29-21

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

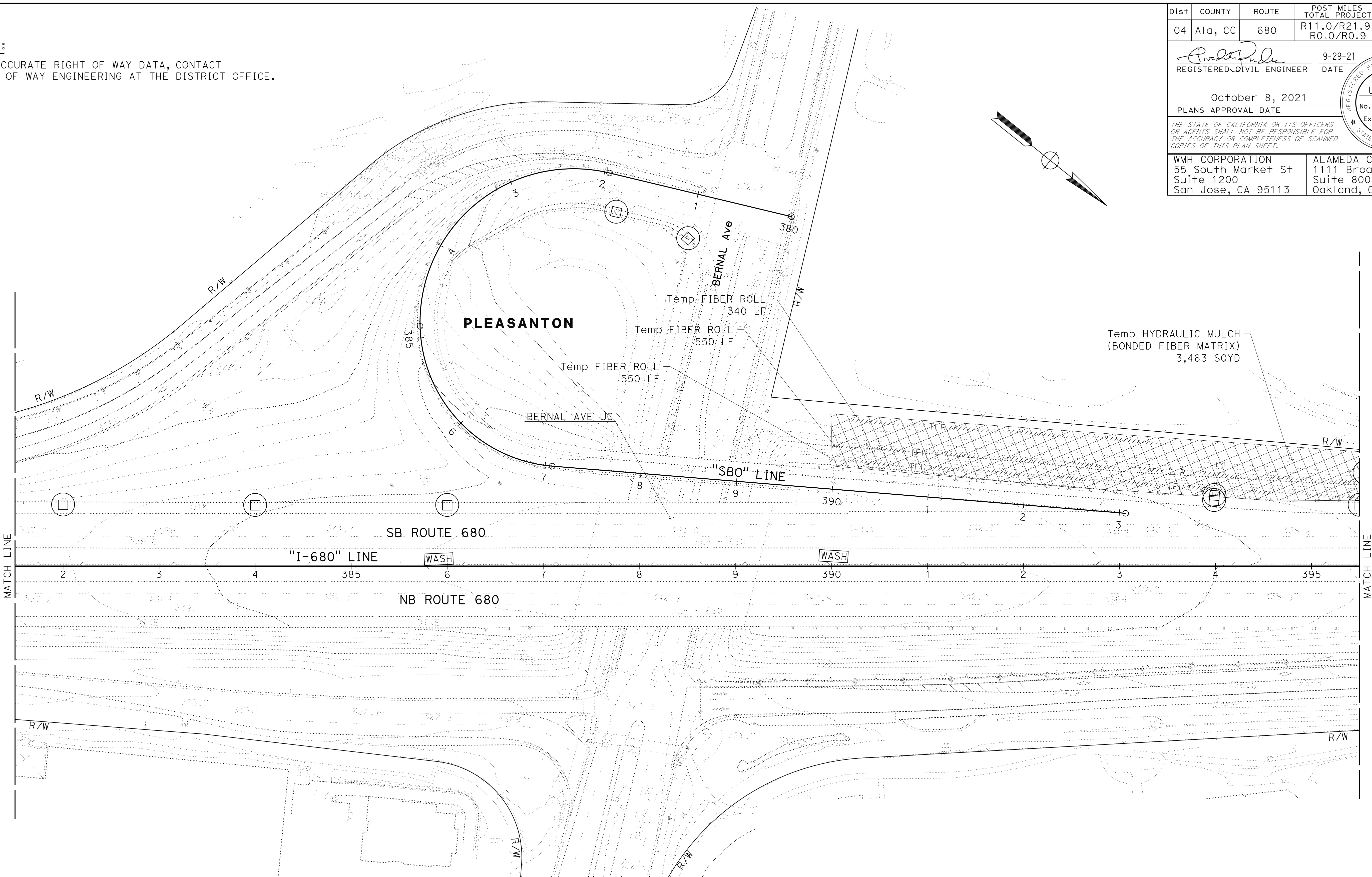
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	193	1710

REGISTERED CIVIL ENGINEER
 NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

October 8, 2021
 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.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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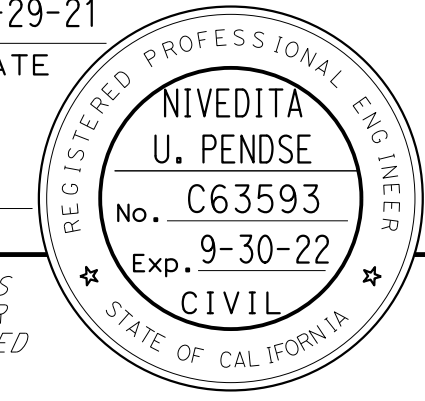
TEMPORARY WATER POLLUTION CONTROL PLAN

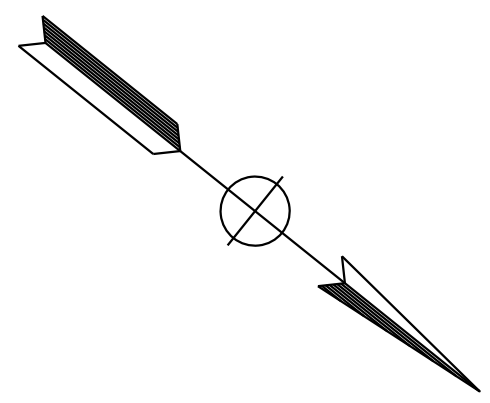
SCALE: 1" = 50'

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

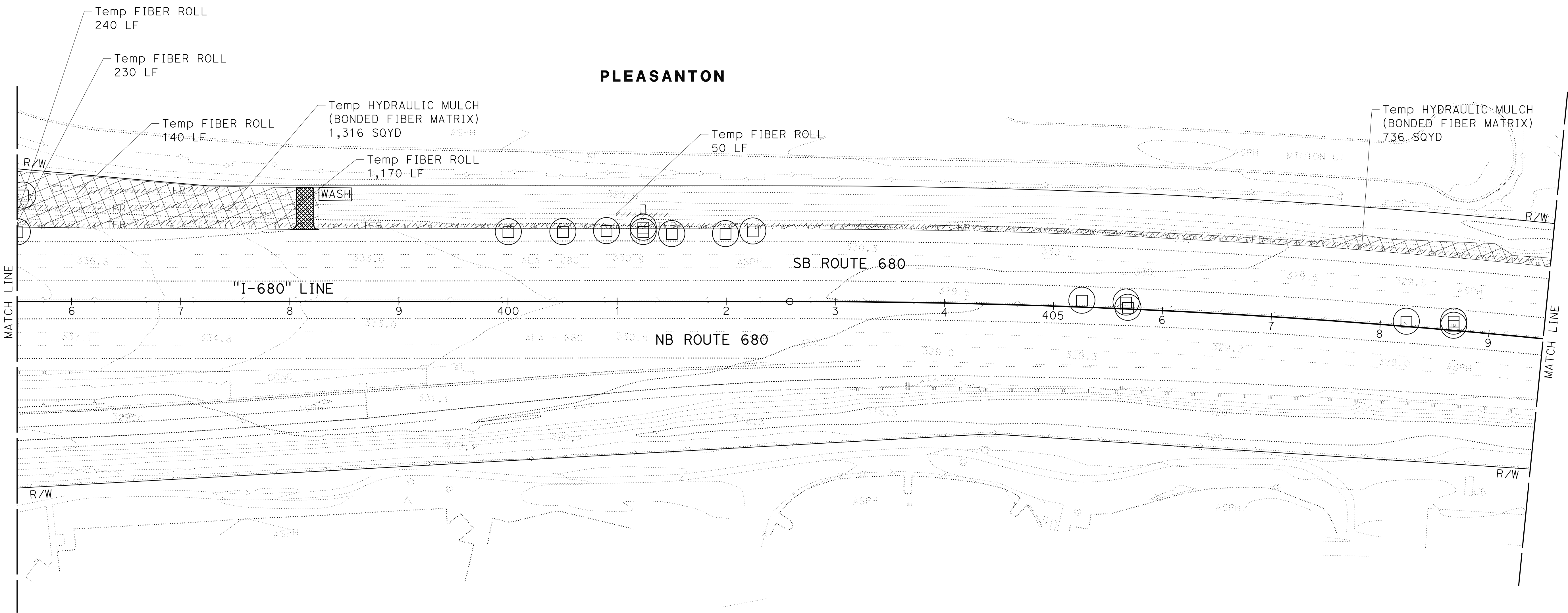
WPC-17

LAST REVISION: 09-29-21 DATE PLOTTED => 7-MAR-2022 TIME PLOTTED => 12:46

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	194	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
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NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

REVISOR	DATE	REVISION
JLR	9-29-21	
J. RUSHTON	E. MCPHERSON	
CALCULATED-DESIGNED BY	CHECKED BY	
TIMOTHY J. LEE		
CONSULTANT FUNCTIONAL SUPERVISOR		

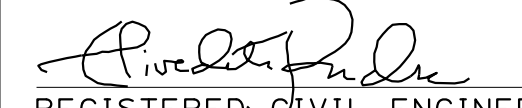
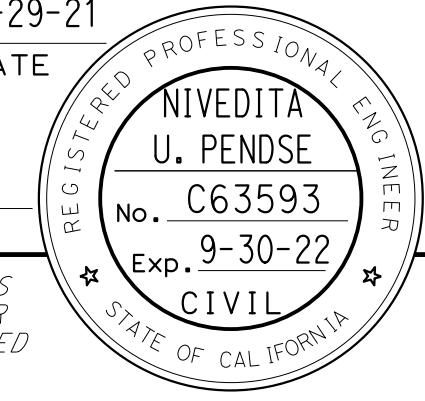
TEMPORARY WATER POLLUTION CONTROL PLAN

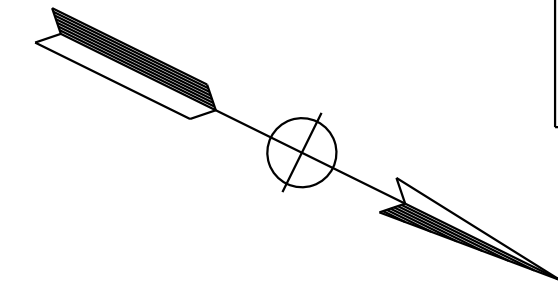
SCALE: 1" = 50'

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

WPC-18

LAST REVISION: 09-29-21 12:46
DATE PLOTTED => 7-MAR-2022
TIME PLOTTED => 12:46

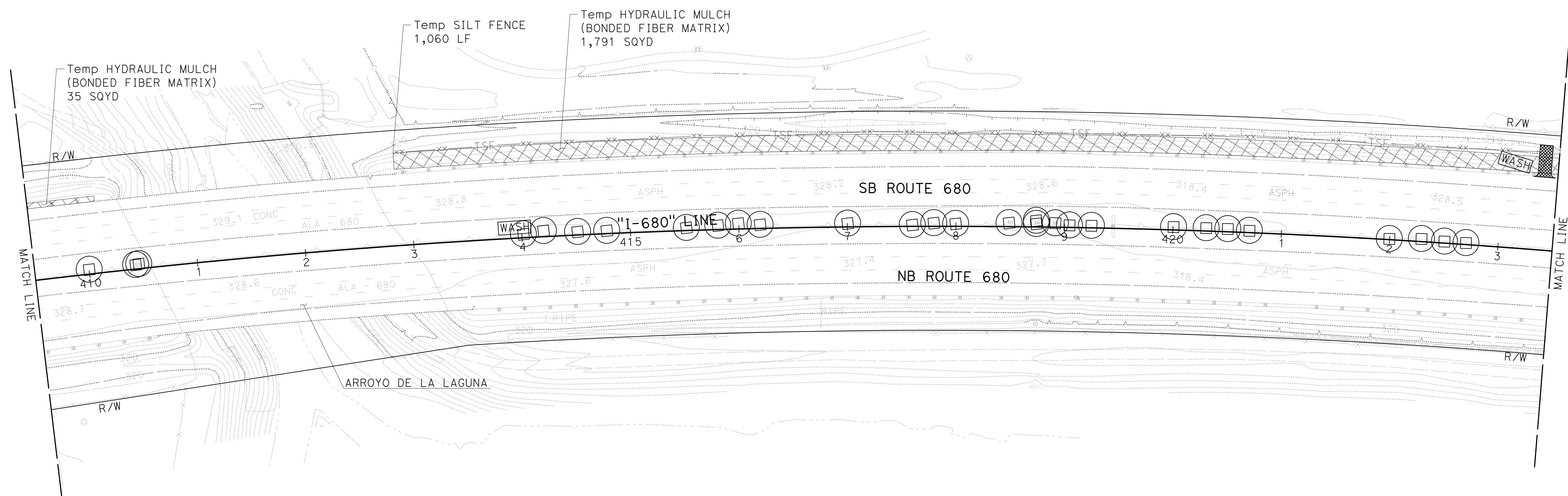
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	195	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



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

REVISOR	DATE	REVISION
JLR	9-29-21	
J. RUSHTON E. MCPHERSON TIMOTHY J. LEE		

PLEASANTON




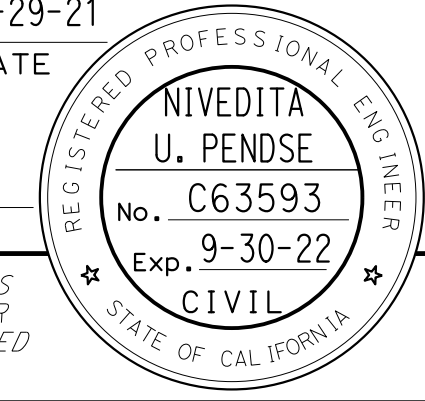
TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

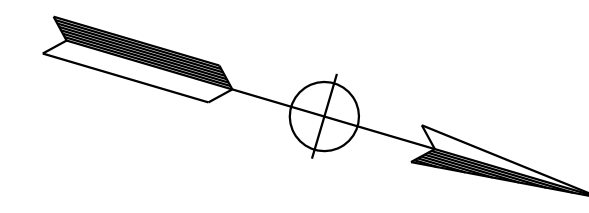
WPC-19

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

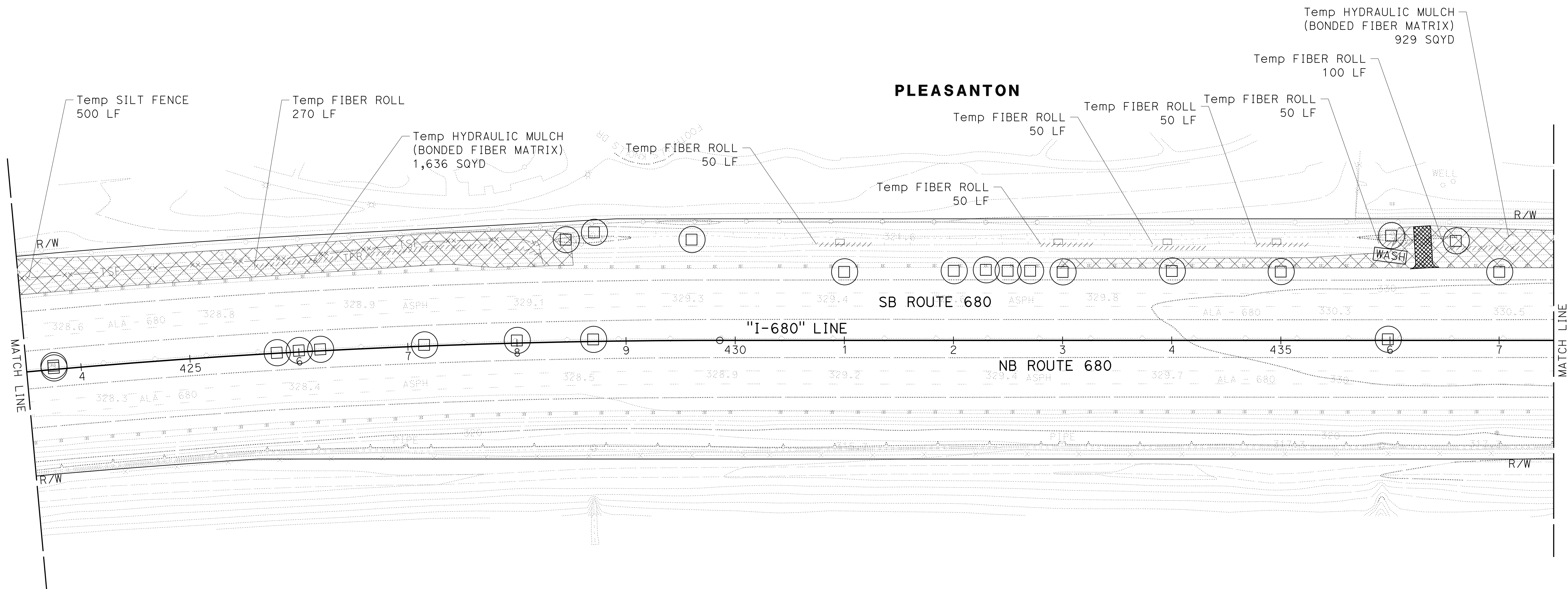
LAST REVISION: 09-29-21 DATE PLOTTED => 7-MAR-2022 TIME PLOTTED => 12:46

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	196	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
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NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



REVISOR	DATE
JLR	9-29-21
REVISOR	DATE
J. RUSHTON	E. MCPHERSON
CALCULATED-DESIGNED BY	CHECKED BY
TIMOTHY J. LEE	
CONSULTANT	FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	



TEMPORARY WATER POLLUTION CONTROL PLAN

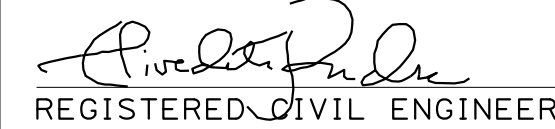
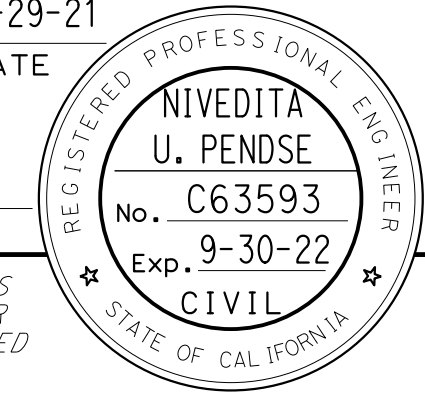
SCALE: 1" = 50'

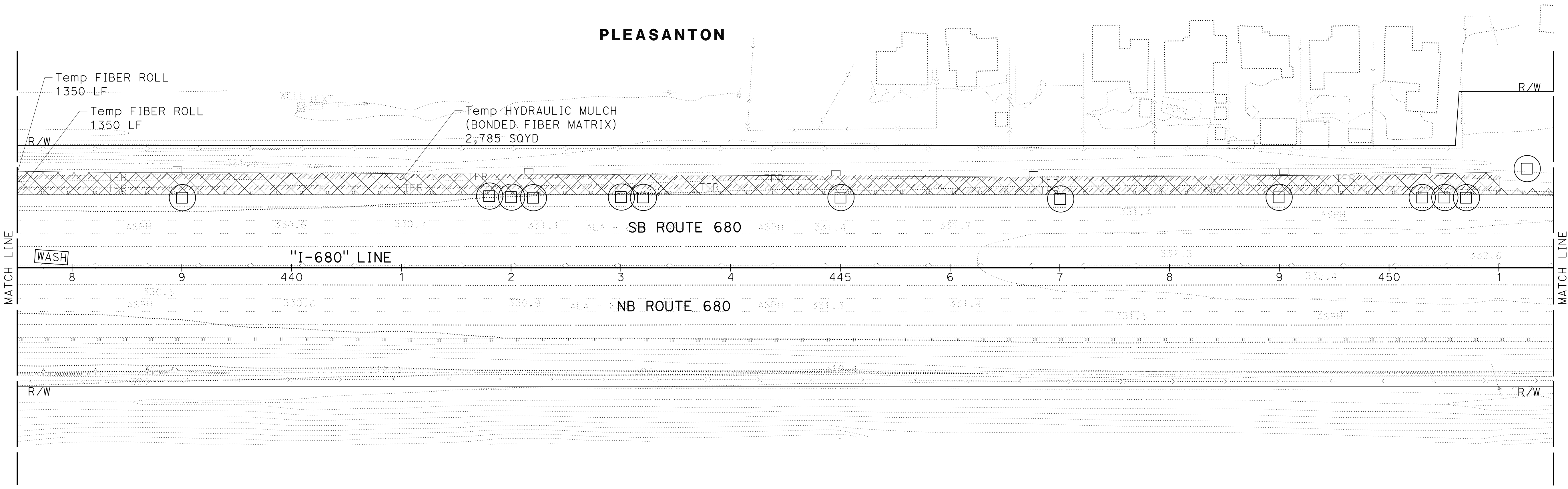
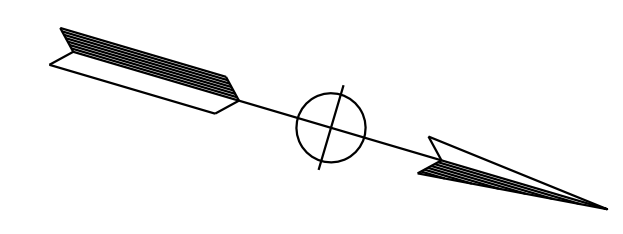
APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

WPC-20

LAST REVISION: 09-29-21 12:46
 DATE PLOTTED => 7-MAR-2022
 TIME PLOTTED => 12:46

NOTE:
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	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	197	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

WPC-21

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

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 Et Caltrans

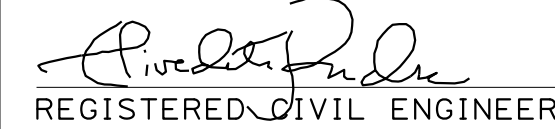
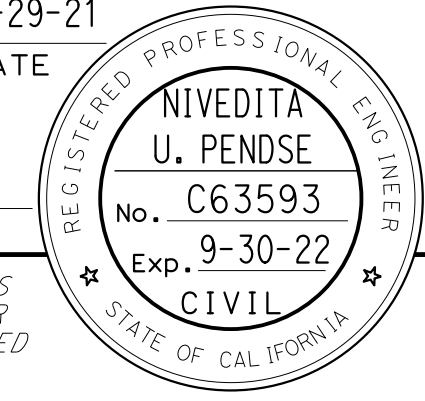
REVISOR	DATE
JLR	9-29-21

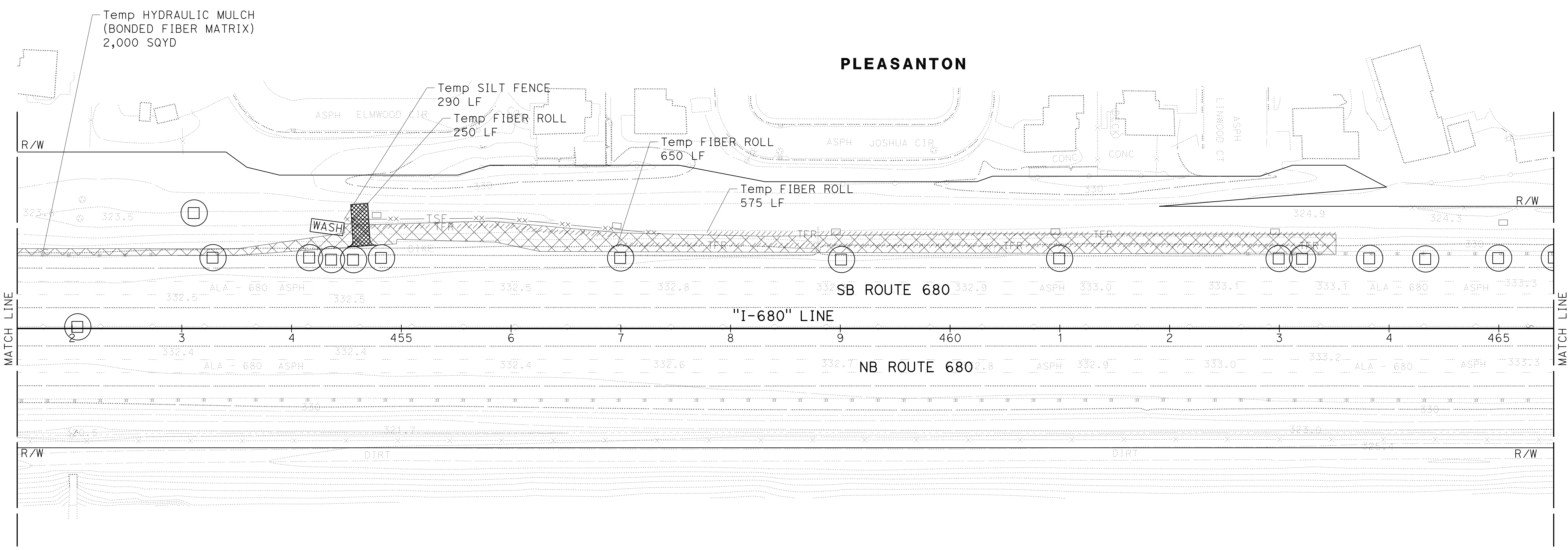
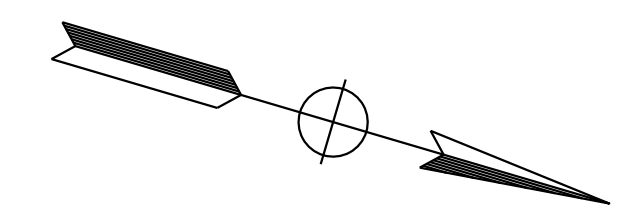
DESIGNED BY	CHECKED BY
J. RUSHTON	E. MCPHERSON

SUPERVISOR	FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE	

REVISION	DATE	TIME
09-29-21	7:46	12:46

NOTE:
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	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	198	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



TEMPORARY WATER POLLUTION CONTROL PLAN

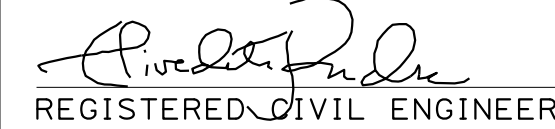
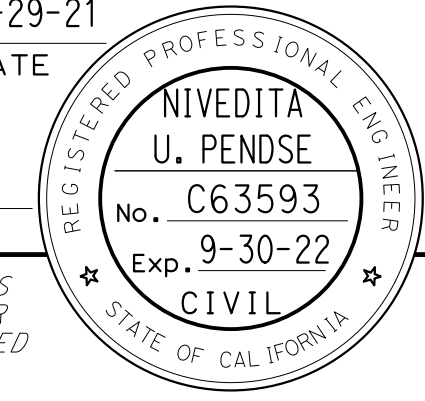
SCALE: 1" = 50'

WPC-22

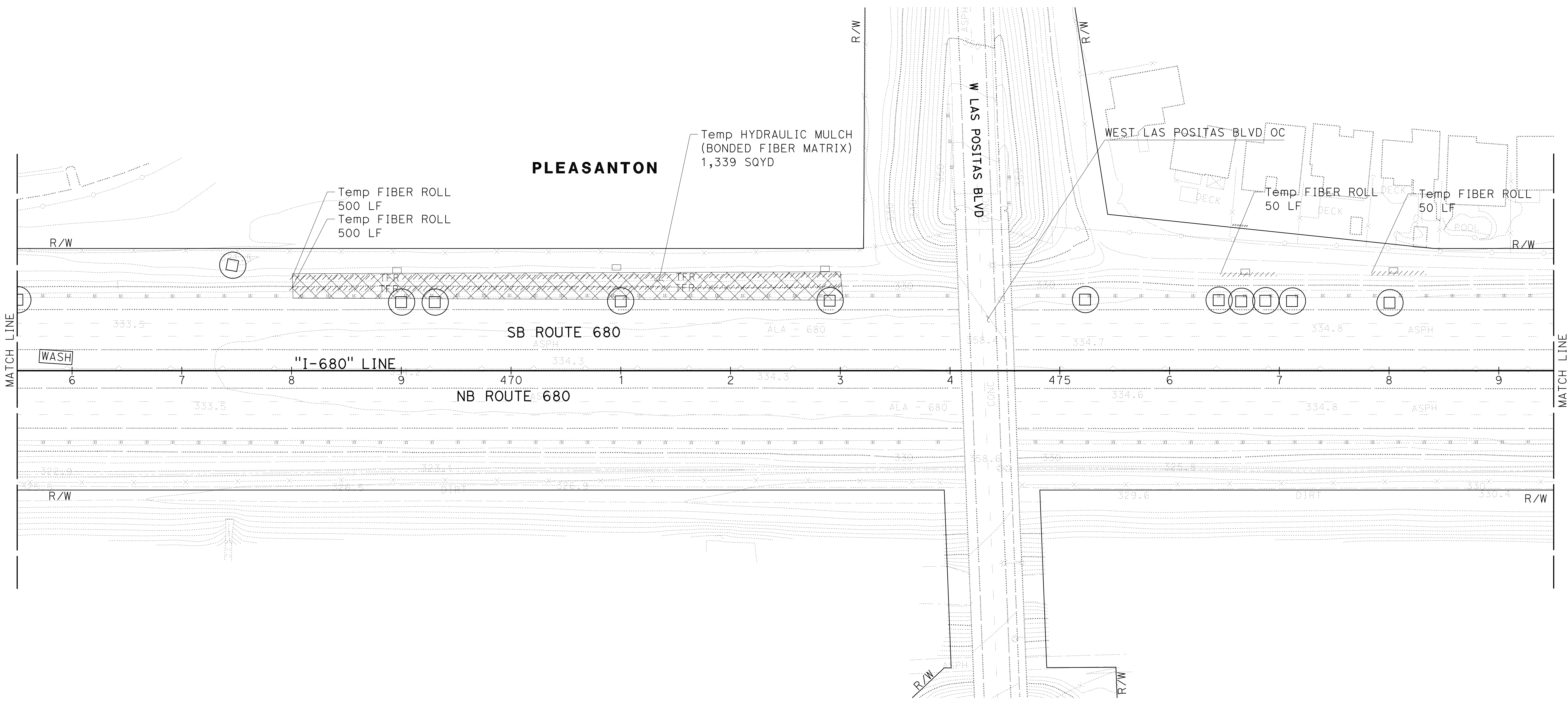
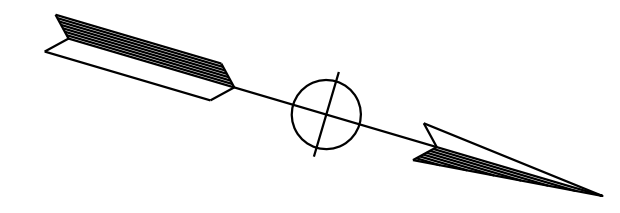
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 JLR
 9-29-21
 J. RUSHTON
 E. MCPHERSON
 TIMOTHY J. LEE
 USERNAME => p302438
 DGN FILE => 0420000235gb022.dgn

LAST REVISION: DATE PLOTTED => 7-MAR-2022
 09-29-21 TIME PLOTTED => 12:46

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	199	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

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 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

WPC-23

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 9-29-21
 J. RUSHTON
 E. MCPHERSON
 TIMOTHY J. LEE

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Caltrans
 CONSULTANT: J. RUSHTON
 CHECKED BY: E. MCPHERSON
 CALCULATED/DESIGNED BY: J. RUSHTON
 SUPERVISOR: TIMOTHY J. LEE
 JLR
 9-29-21
 REVISED BY: JLR
 DATE REVISED: 9-29-21

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

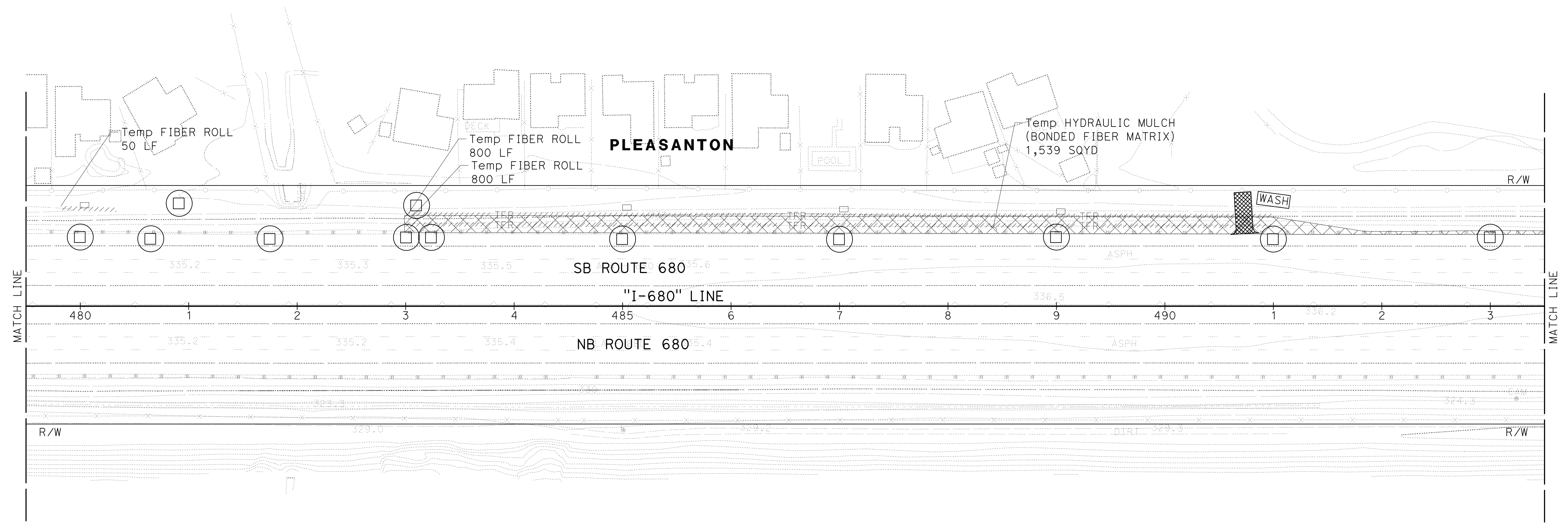
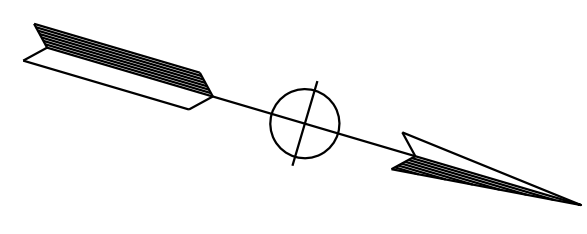
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	200	1710

REGISTERED CIVIL ENGINEER
 NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

9-29-21
 DATE
 October 8, 2021
 PLANS APPROVAL DATE

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TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1" = 50'

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WPC-24

LAST REVISION: 09-29-21 DATE PLOTTED => 7-MAR-2022 TIME PLOTTED => 12:46