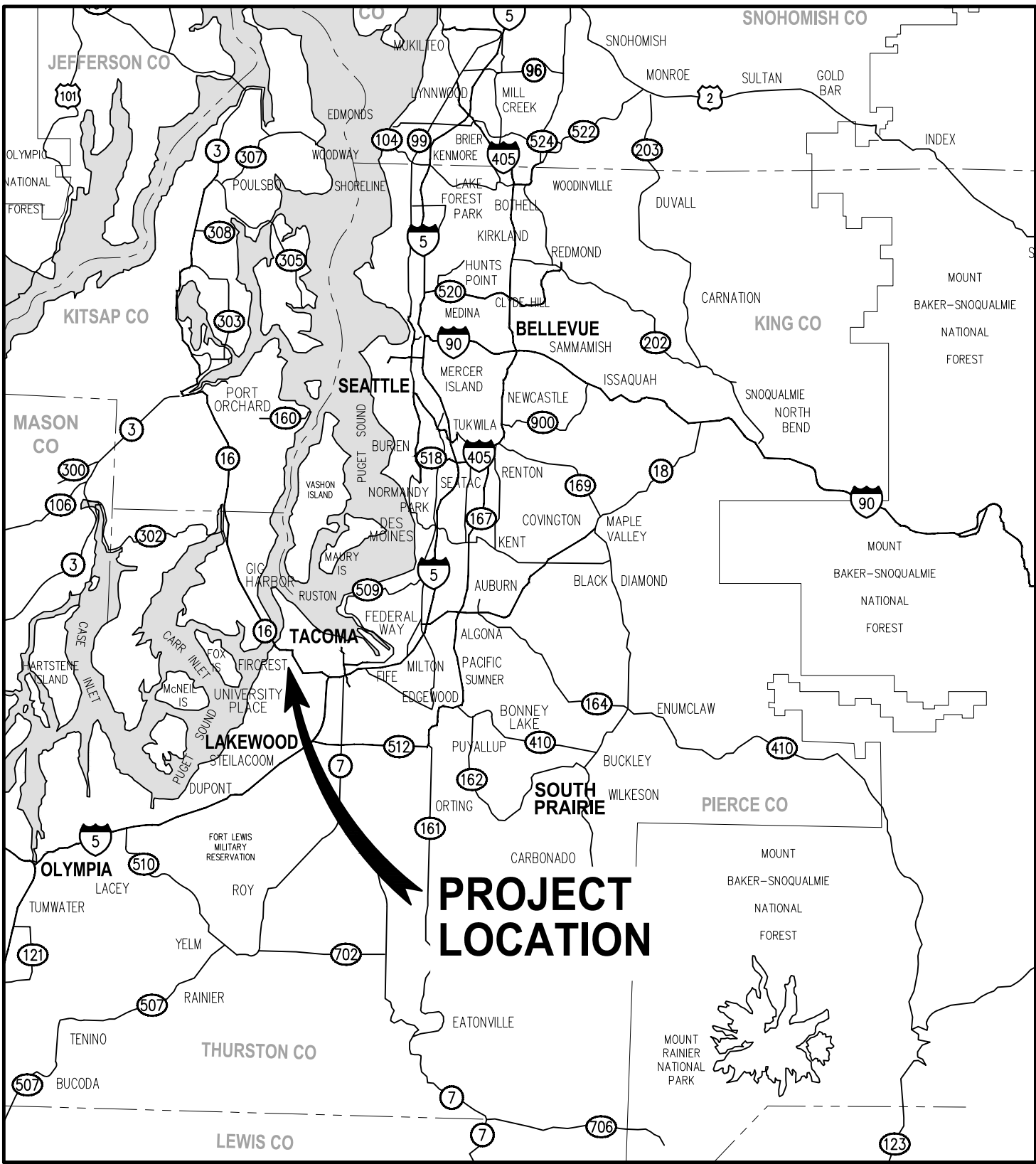




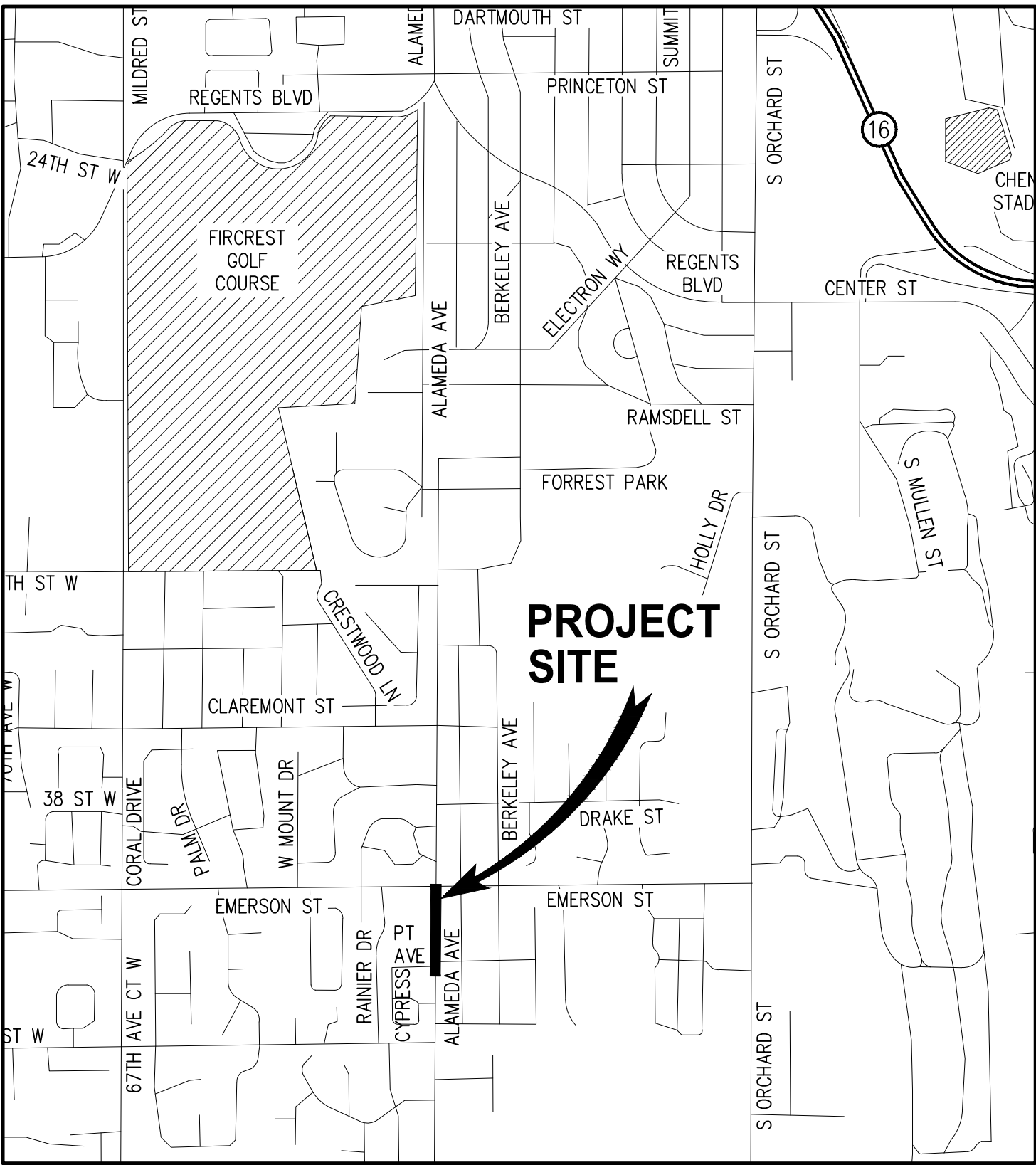
ALAMEDA AVENUE SIDEWALKS EXTENSION PROJECT

CYPRESS POINT AVE TO EMERSON STREET

TIB NO. C-P-130(002)-1
NOVEMBER 2025



LOCATION MAP
NTS



VICINITY MAP
NTS



CITY OFFICIALS	
COUNCIL MEMBER	DAVID M. VIAFORE
	SHANNON REYNOLDS (MAYOR)
	BRETT L. WITTNER
	KAREN MAUER-SMITH
	HUNTER T. GEORGE
	NIKKI BUFFORD (MAYOR PRO-TEMPORE)
	JIM ANDREWS
CITY MANAGER	DAWN MASKO
PUBLIC WORKS DIRECTOR	TYLER BEMIS
UTILITY FOREMAN	JEFF DAVIS

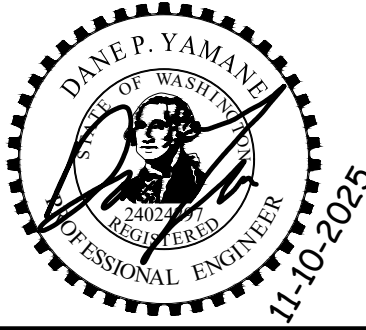
DRAWING INDEX		
TITLE	SHEET	DESCRIPTION
GENERAL	1	COVER
	2	LEGEND, ABBREVIATIONS, ALIGNMENT & SURVEY CONTROL
TYPICAL SECTIONS & DETAILS	3	TYPICAL SECTIONS
SIDEWALK & STORMWATER PLAN & PROFILES	4	STA 0+00 TO STA 4+20
	5	STA 4+20 TO STA 7+50
DRIVEWAY PLAN & PROFILES	6	D1 & D2
	7	D3, D4 & D5
STANDARD PLANS & DETAILS	8-9	STANDARD PLANS & DETAILS

CALL 2 DAYS
BEFORE YOU DIG
811

APPROVED
BY: Tyler Bemis 11/10/2025
PUBLIC WORKS DIRECTOR DATE:

NO.	DATE	BY	APPR.	REVISIONS

Approved By		9FIR010400COV.dwg
ENGINEERING MANAGER	DATE	HH 11/2025
DESIGNED BY	DATE	HH 11/2025
PROJECT MANAGER	DATE	HH 11/2025
DRAWN BY	DATE	DPY 11/2025
PROJECT ENGINEER	DATE	CHECKED BY DATE



PSOMAS
2502 JEFFERSON AVENUE
TACOMA, WA 98402
253.627.0720
www.psomas.com

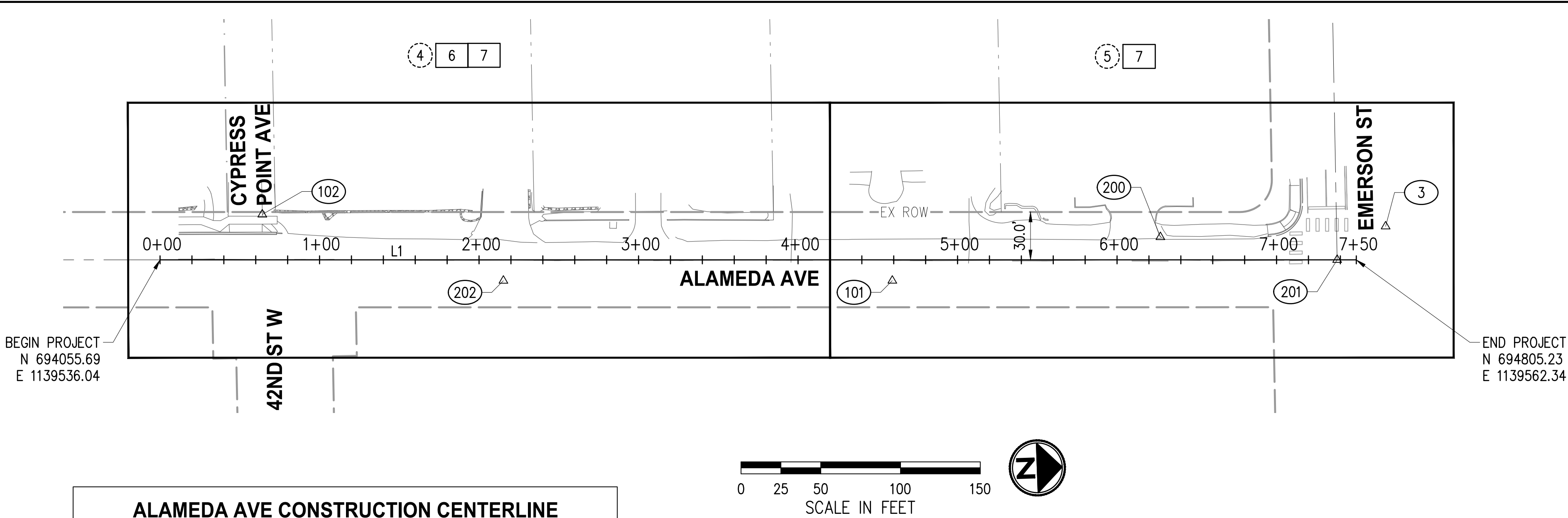
BID
DOCUMENT



CITY OF FIRCREST
ALAMEDA AVENUE SIDEWALKS EXTENSION
CYPRESS POINT AVE TO EMERSON STREET

COVER		
PROJ. No.	9FIR010400	SHT 1 OF 9

j:\PNW\FIRCREST\9fir010400 - alameda ave west sidewalks\CADD\sheetfiles\9fir010400INDX01.dwg Plotted:10/20/2025 3:02 PM by Henry Hough



SHEET INDEX	
#	SIDEWALK & STORMWATER PLANS
#	DRIVEWAY LAYOUTS

CONTROL POINT LIST				
PT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
3	SCRIBE	694824.34	1139542.01	307.10'
100 *	SPIKE	694772.60	1139126.67	325.85'
101	SPIKE	694514.06	1139565.18	299.13'
102	SPIKE	694120.75	1139509.86	289.64'
104 *	SPIKE	693837.12	1139542.10	278.33'
200	SPIKE	694682.97	1139543.74	304.13'
201	MON / 2" BRASSIE W/PUNCH	694793.24	1139561.92	306.37'
202	SPIKE	694270.37	1139556.66	293.57'

* NOT SHOWN ON PLANS

NOTES

- THE PURPOSE OF THIS TOPOGRAPHIC SURVEY IS FOR CIVIL ENGINEERING DESIGN. THIS IS NOT A BOUNDARY SURVEY. SOURCES OF BOUNDARY INFORMATION AS SHOWN INCLUDE FIELD-TIED MONUMENTATION, PLATS, COUNTY RECORDS OF SURVEY, AND AUDITOR INDEXING INFORMATION.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITY SYSTEMS, AS SHOWN HEREON, ARE TAKEN FROM UTILITY LOCATE PAINT MARKS OR AS-BUILT PLANS AND ARE SHOWN IN AN APPROXIMATE WAY ONLY.

THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. ALL LOCATOR SERVICES SHOULD BE CONTACTED PRIOR TO ANY CONSTRUCTION OR SUBSURFACE EXPLORATION. CALL 1-800-424-5555.
- FIELD SURVEY: KPG PSOMAS, APRIL, 2025. LICENSEE MICHAEL R. BOWEN, P.L.S. NO. 29294/BRYAN R. SHAW, P.L.S. NO. 49290.
- CONTOUR INTERVAL = 1 FOOT, ±0.5 FOOT PER NATIONAL MAPPING STANDARDS. CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS.
- STORM AND SEWER CONNECTIONS HAVE BEEN DRAWN FROM CENTER OF LID TO CENTER OF LID.
- THE LOCATIONS AND DIMENSIONS OF UNDERGROUND VAULTS HAVE NOT BEEN VERIFIED AND ARE APPROXIMATE.
- DUCTS ARE NOTED AS INDICATED IN THE FIELD BY UTILITY LOCATORS. MULTIPLE LINES AND/OR UTILITIES MAY SHARE DUCT RUNS; THIS MAY NOT BE SHOWN IN THE DRAWING.

HORIZONTAL AND VERTICAL DATUM

HORIZONTAL DATUM: NAD 83/11

VERTICAL DATUM NAVD 88

HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK) WITH CHECKS TO WSDOT CONTROL POINTS "MAS".

EXISTING LEGEND

MIC	MONUMENT IN CASE	T	TELEPHONE RISER	SD	STORM
MON	SURFACE MONUMENT	oo	UTILITY CLEAN-OUT (GENERIC/UNKNOWN)	S	SEWER
Δ	MAG NAIL/SPIKE	o	BOULDER	x-x-x	FENCE
RC	REBAR & CAP	H	SIGN	~~~~~	HEDGE (HEIGHT NOTED)
□	CATCH BASIN	2B	MAILBOX (# OF BOXES)	=====	PAINTED STRIPE
⊕	STORM DRAIN MANHOLE	o	SHRUB	=====	PAINTED SKIP STRIPE
⊕	CATCH BASIN (ROUND)	⊗XX"	STUMP, DIAMETER	=====	EDGE OF PAVEMENT
○	SEWER MANHOLE	∨	PLANTED AREA	- - - - -	FLOWLINE
⚡	POWER POLE W/UNDERGROUND CONNECT	⊙XX"	DECIDUOUS TREE, DIAMETER (# OF TRUNKS)	- - - - -	CONTOUR
⚡⊕	POWER POLE WITH LUMINAIRE AND UNDERGROUND CONNECT	★XX"	CONIFEROUS TREE, DIAMETER (# OF TRUNKS)		CONCRETE
P	POWER RISER				GRAVEL
→	GUY ANCHOR				GRASS
⬢	PEDESTRIAN SIGNAL				ROCKERY
⊠	JUNCTION BOX			AC	ASPHALT/CONCRETE
⊠	UTILITY VAULT			CHLK	CHAINLINK
⊗	LOT LIGHT			DWY	DRIVEWAY

PROPOSED LEGEND

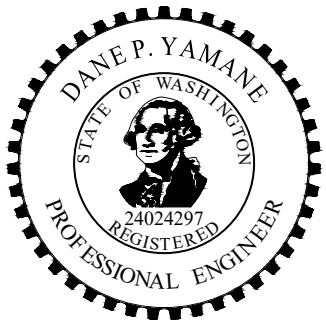
	CEMENT CONCRETE PAVEMENT
	CRUSHED SURFACING CHOKER COURSE
	NEW HMA PAVEMENT
	2" GRIND AND OVERLAY
- - - - -	SAWCUT LINE
=====	MODULAR BLOCK WALL
⊗	MODIFIED CATCH BASIN TYPE 2
---	EXISTING ROW

ABBREVIATIONS

AC	ASPHALT CONCRETE PAVEMENT	MAX	MAXIMUM
ADA	AMERICANS WITH DISABILITIES ACT	MDD	MAXIMUM DRY DENSITY
APPROX	APPROXIMATE	MIC	MONUMENT IN CASE
AVE	AVENUE	MIN	MINIMUM
BLVD	BOULEVARD	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
BOW	BACK OF WALK	N	NORTHING/NORTH
CB	CATCH BASIN	NO.	NUMBER
CDF	CONTROLLED DENSITY FILL	NTS	NOT TO SCALE
CL/CL	CENTERLINE	PC	POINT OF CURVATURE
CL	CLASS	PT	POINT OF TANGENCY, POINT
CO	CLEANOUT	PVI	POINT OF VERTICAL INTERSECTION
CONC	CONCRETE	PG	PERFORMANCE GRADE
C.O.F./COF	CITY OF FIRCREST	R	RADIUS
CSCC	CRUSHED SURFACING CHOKER COURSE	RT	RIGHT
CSTC	CRUSHED SURFACING TOP COURSE	R/W, ROW	RIGHT OF WAY
DI	DUCTILE IRON	S	SLOPE/SOUTH
DIA	DIAMETER	SD	STORM DRAIN
DWY	DRIVEWAY	SHT	SHEET
E	EASTING/EAST	SS	SANITARY SEWER
EG	EXISTING GRADE	SSMH	SANITARY SEWER MANHOLE
EL/ELEV	ELEVATION	ST	STREET
EX/EXST	EXISTING	STA	STATION
FG	FINISHED GRADE	STD	STANDARD
FL	FLOW LINE	T	TANGENT LENGTH
FOC	FACE OF CURB	TOC	TOP OF CURB
HP	HIGH POINT	TOW	TOP OF WALL
HMA	HOT MIX ASPHALT	TYP	TYPICAL
IE	INVERT ELEVATION	UG	UNDERGROUND
INCL	INCLUDING	VERT	VERTICAL
LENGTH	LENGTH	W	WATER/WEST
LT	LEFT	W/	WITH
LF	LINEAR FEET	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
LP	LOW POINT		
LS	LANDSCAPE		

NO.	DATE	BY	APPR.	REVISIONS

Approved By		9FIR010400INDX01.dwg
		FILENAME
		HH 09/2025
ENGINEERING MANAGER	DATE	DESIGNED BY
		HH 09/2025
PROJECT MANAGER	DATE	DRAWN BY
		DPY 09/2025
PROJECT ENGINEER	DATE	CHECKED BY



PSOMAS

2502 JEFFERSON AVENUE
TACOMA, WA 98402
253.627.0720

www.psomas.com

90% REVIEW
SUBMITTAL

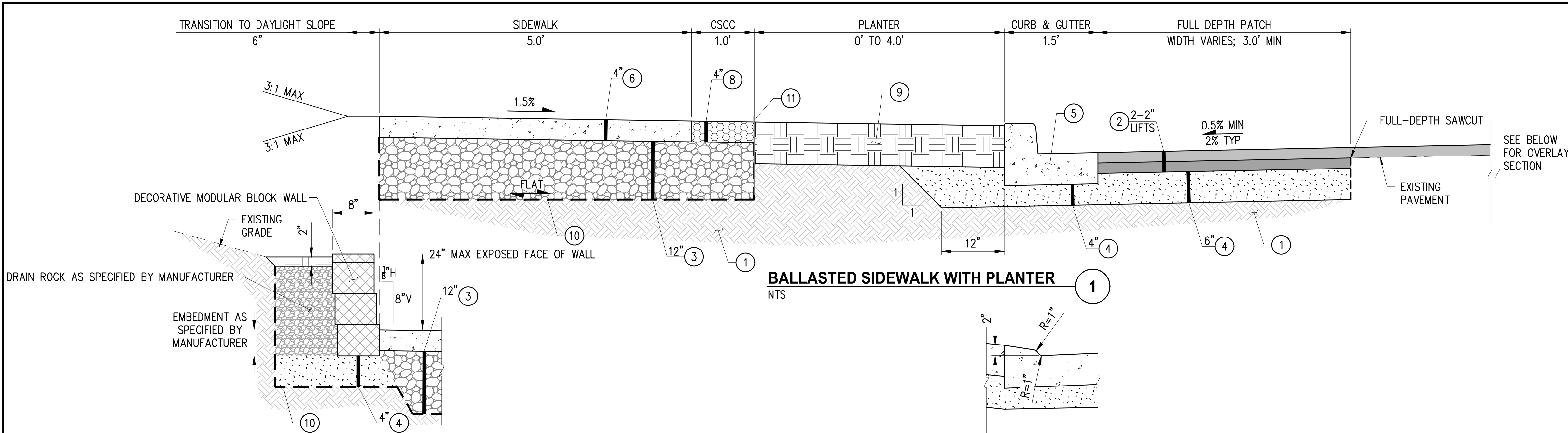


CITY OF FIRCREST

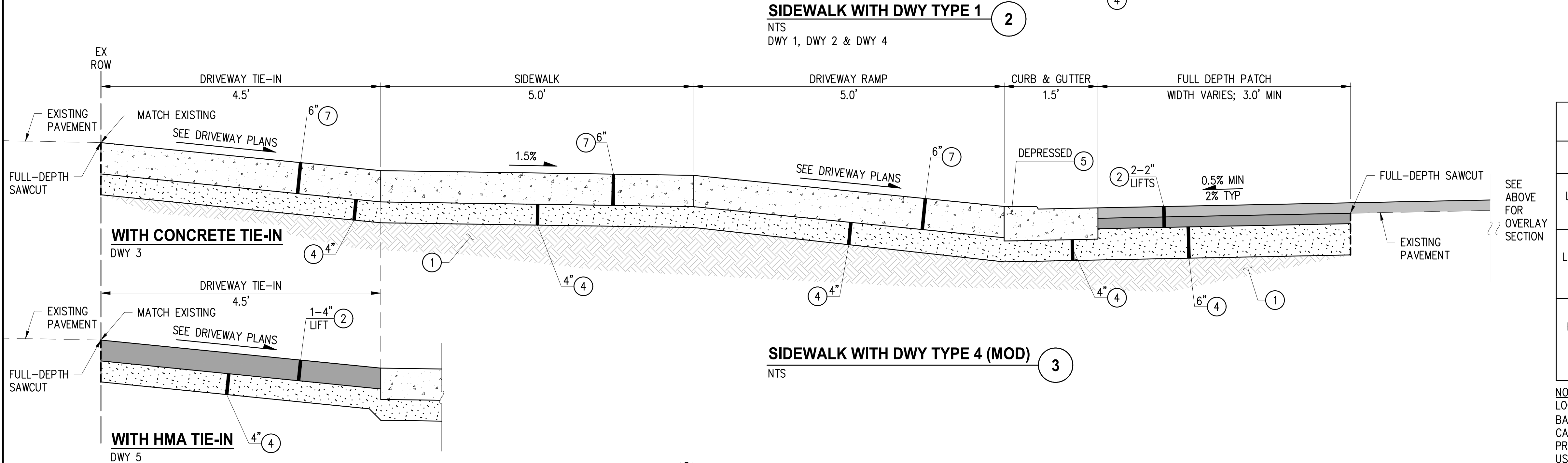
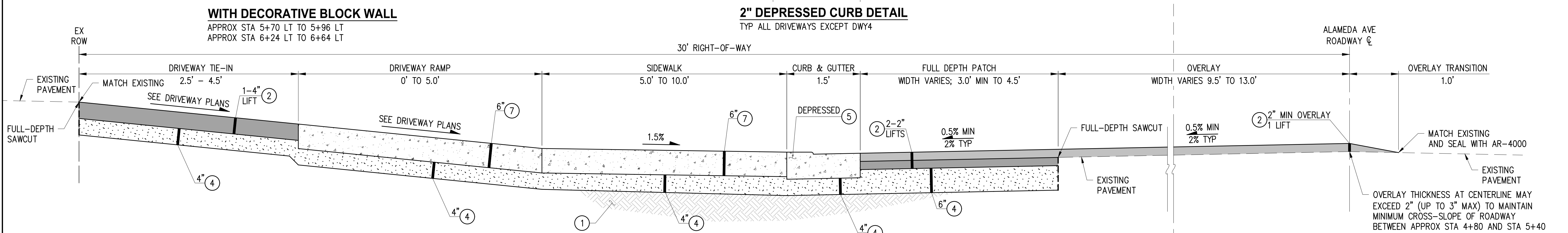
ALAMEDA AVENUE SIDEWALKS EXTENSION
CYPRESS POINT AVE TO EMERSON STREET

LEGEND, ABBREVIATIONS, ALIGNMENT & SURVEY CONTROL		
PROJ. No.	9FIR010400	SHT <u>2</u> OF <u>9</u>

j:\PNW\FIRCREST\9fir010400 - alameda ave west sidewalks\CADD\sheets\9fir010400SEC-DET.dwg Plotted:10/20/2025 3:02 PM by Henry Hough



MATERIAL CODE	
1	EXISTING ROADWAY BASE/SUBBASE OR SUBGRADE SHALL BE GRADED TO A SMOOTH, UNIFORM CONDITION AND COMPACTED TO 95% MDD.
2	INSTALL HMA CL ½" PG 58H-22 (DEPTH VARIES, SEE TYPICAL SECTIONS).
3	12" MIN. PERMEABLE BALLAST BASE COURSE PER SPECIAL PROVISIONS.
4	CRUSHED SURFACING TOP COURSE. COMPACTED DEPTHS SHOWN.
5	CEMENT CONC. TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12. DEPRESSED CURB WITH 2" CURB EXPOSURE PER DETAIL, THIS SHEET.
6	CEMENT CONC. SIDEWALK PER WSDOT STD PLAN F-30.10.
7	CEMENT CONC. DRIVEWAY ENTRANCE PER WSDOT STD PLAN F-80.10.
8	4" MIN. CRUSHED SURFACING CHOKER COURSE PER SPECIAL PROVISIONS.
9	RESTORE PER RESTORATION TABLE, THIS SHEET.
10	WOVEN CONSTRUCTION GEOTEXTILE FOR SOIL SEPARATION AND DRAINAGE.
11	HDPE ROOT BARRIER; MINIMUM 60 MIL THICKNESS, MINIMUM 15" DEPTH. LEAVE 1" EXPOSED ABOVE BALLAST.



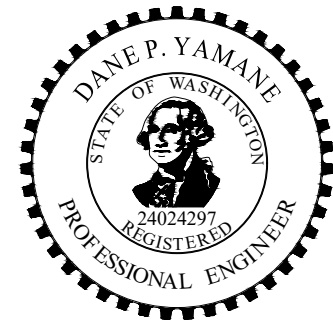
OVERLAY AND TRANSITION
TYP ALL SECTIONS

RESTORATION TABLE			
RESTORATION TYPE	RESTORATION	COMMENTS	LOCATION
LAWN / PLANTER STRIP	SOD OVER 8" MIN TOPSOIL TYPE A	FINISHED GRADE SHALL BE SMOOTH AND CONSISTENT WITH EXISTING GRADE	ALL PLANTER AREAS
PRIVATE LANDSCAPE AREAS / UNIMPROVED AREAS	3" BARK MULCH OVER 4" TOPSOIL TYPE A	FINISHED GRADE SHALL BE SMOOTH AND CONSISTENT WITH EXISTING GRADE	APPROX STATIONS 2+40 TO 3+70 5+70 TO 6+80
EXISTING GRAVEL AREAS BEHIND BACK OF WALK	2" CSTC	PLACE CSTC FROM BACK OF WALK TO EXISTING GRADE OVER 3". FINISHED GRADE SHALL BE SMOOTH AND CONSISTENT WITH EXISTING GRADE	APPROX STATIONS 0+80 TO 2+00 3+70 TO 5+70

NOTE
LOCATIONS OF RESTORATION ARE APPROXIMATE AND TYPICAL AND MAY BE REVISED BASED ON PROPERTY OWNER'S PREFERENCE AND APPROVAL BY CITY. IF THE CONTRACTOR CAN REMOVE AND SALVAGE EXISTING LANDSCAPE MATERIALS AND REINSTALL IN-KIND TO PRECONSTRUCTION CONFIGURATION AND CONDITION, NEW MATERIALS DO NOT NEED TO BE USED. FINAL RESTORATION TYPE SHALL BE DETERMINED BY THE CITY.

NO.	DATE	BY	APPR.	REVISIONS

Approved By		9fir010400SEC-DET.dwg
ENGINEERING MANAGER	DATE	HH 09/2025
DESIGNED BY	DATE	HH 09/2025
PROJECT MANAGER	DATE	DPY 09/2025
PROJECT ENGINEER	DATE	CHECKED BY DATE



PSOMAS
2502 JEFFERSON AVENUE
TACOMA, WA 98402
253.627.0720
www.psomas.com

90% REVIEW SUBMITTAL

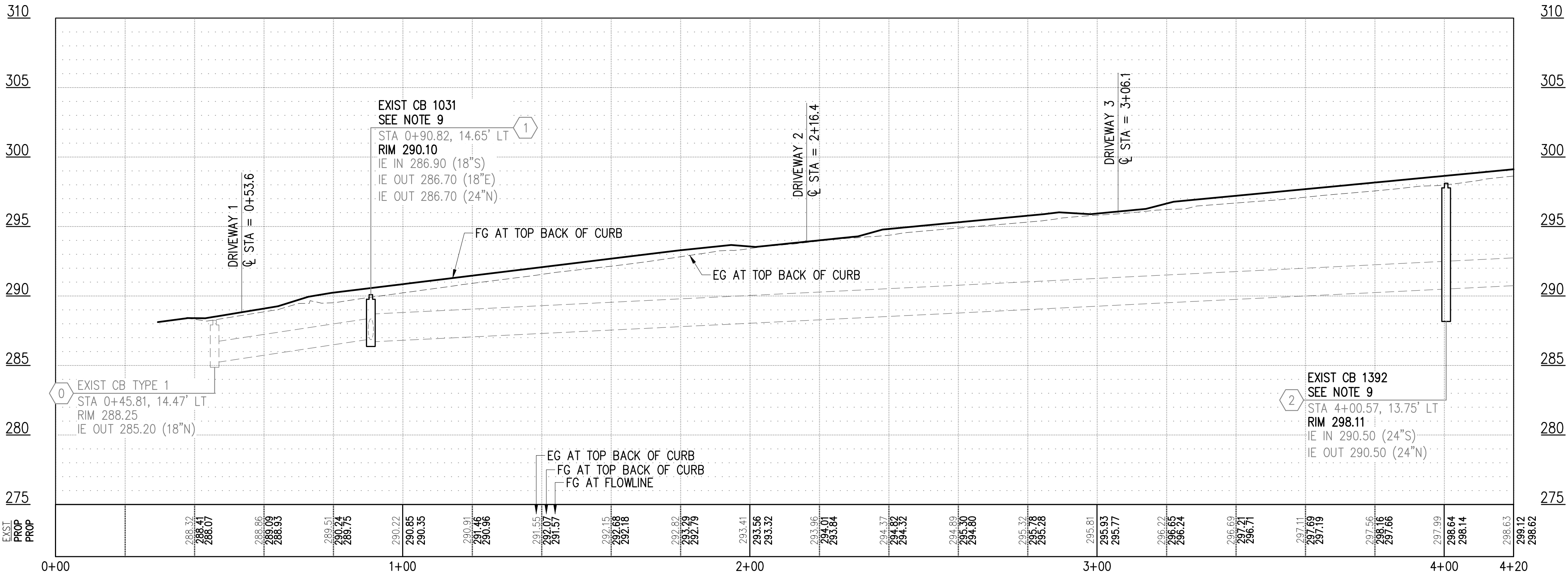
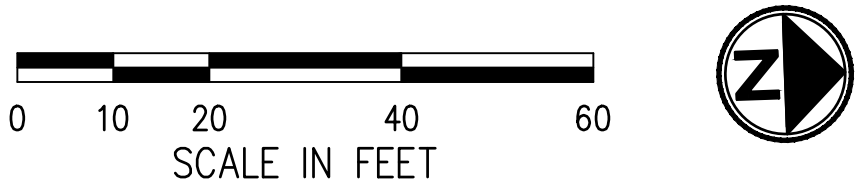
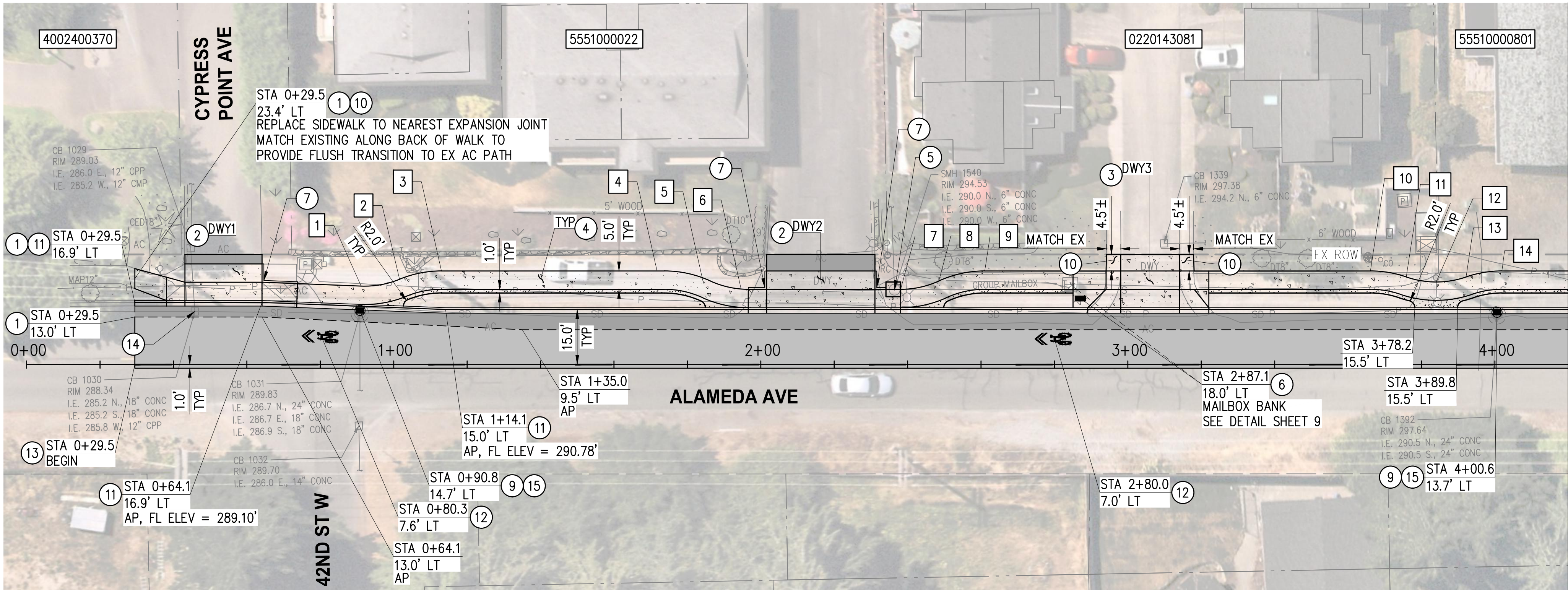
THE CITY OF FIRCREST

CITY OF FIRCREST
ALAMEDA AVENUE SIDEWALKS EXTENSION
CYPRESS POINT AVE TO EMERSON STREET

TYPICAL SECTIONS

PROJ. No. 9fir010400 SHT 3 OF 9

j:\PNW\FIRCREST\9fir010400 - alameda ave west sidewalks\CADD\sheetfiles\9FIR010400STRM01.dwg Plotted:10/20/2025 3:03 PM by Henry Hough



PROFILE

GENERAL NOTES

- ALL RAMP AND SIDEWALKS SHALL BE COMPLIANT WITH CURRENT ADA STANDARDS. COMPLIANCE SHALL BE CHECKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER WHEN FORMS ARE SET AND WHEN CONCRETE IS POURED. ANY GRADING MODIFICATIONS REQUIRED FOR ADA COMPLIANCE SHALL BE APPROVED BY THE ENGINEER.
- PROPOSED CURB & GUTTER, SIDEWALK, AND DRIVEWAYS SHALL BE INSTALLED PER THEIR RESPECTIVE WSDOT STD PLANS AND TYPICAL SECTIONS, SHEET 3.
- ALL AREAS DISTURBED BUT NOT SPECIFICALLY SHOWN FOR RESTORATION IN THE PLANS SHALL BE RESTORED PER THE RESTORATION TABLE, SHEET 3.
- PRESERVE AND PROTECT ALL IMPROVEMENTS AND STRUCTURES NOT SPECIFICALLY MARKED FOR REMOVAL.
- CONSTRUCTION ACTIVITIES SHALL BE PHASED AS NECESSARY TO MAINTAIN ACCESS FOR RESIDENTS. DRIVEWAY CLOSURES SHALL BE COORDINATED WITH THE ENGINEER AND PROPERTY OWNER A MINIMUM OF 2 WORKING DAYS IN ADVANCE.
- APPROXIMATE LIMITS OF RESTORATION ARE SHOWN ON THE PLANS. FINAL LIMITS MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD TO REFLECT ACTUAL FIELD CONDITIONS.
- CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN INLET PROTECTION, SILT FENCE, WATTLES, AND OTHER EROSION CONTROL MEASURES TO MINIMIZE SEDIMENT MIGRATION INTO STORM DRAINAGE SYSTEMS WITHIN THE PROJECT LIMITS AND 100' DOWNSTREAM OF THE PROJECT LIMITS.

CONSTRUCTION NOTES

- MATCH EXISTING.
- INSTALL CEMENT CONC DRIVEWAY ENTRANCE TYPE 1 PER WSDOT STD PLAN F-80.10. SEE DRIVEWAY PLAN & PROFILE, SHEET 6.
- INSTALL CEMENT CONC DRIVEWAY ENTRANCE TYPE 4 (MODIFIED) PER WSDOT STD PLAN F-80.10. SEE DRIVEWAY PLAN & PROFILE, SHEET 7.
- INSTALL BALLASTED CEMENT CONC SIDEWALK PER SECTION 1, SHEET 3.
- ADJUST MANHOLE RING AND COVER TO GRADE AND INSTALL 3" CONCRETE COLLAR AND NON-SKID LID.
- REMOVE, SALVAGE AND RELOCATE TO CENTER OF PLANTER STRIP.
- INSTALL CEMENT CONC PEDESTRIAN CURB PER WSDOT STD PLAN F-10.12.
- REMOVE EXISTING RING FRAME, COVER AND GRADE RINGS. INSTALL NEW CURB INLET FRAME ADAPTER, GRADE RINGS, VANED GRATE, AND ADJUST TO FINISHED GRADE. ROTATE CB TOP BARREL SECTION AS NECESSARY TO ALIGN EDGE OF VANED GRATE WITH FLOWLINE. SEE CURB INLET FRAME ADAPTER, SHEET 9 AND SPECIAL PROVISIONS.
- INSTALL CEMENT CONC SIDEWALK PER WSDOT STD PLAN F-30.10.
- INSTALL CEMENT CONC TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12 AND DEPRESSED CURB DETAIL, SHEET 3.
- WHITE MMA SHARED LANE MARKING PER MUTCD FIGURE 9C-9.
- YELLOW CENTERLINE MARKING PER MUTCD FIGURE 3B-1(A).
- ADJUST EXISTING UTILITY TO FINISHED GRADE.
- REMOVE ADJUSTMENT BRICKS AS REQUIRED TO ALLOW DRAINAGE UNTIL FINAL LIFT OF HMA IS INSTALLED THEN FINISH FINAL ADJUSTMENT OF FRAME AND GRATE.

BOW LAYOUT POINTS					BOW LAYOUT POINTS				
#	STATION	OFFSET	ELEV	DESCRIPTION	#	STATION	OFFSET	ELEV	DESCRIPTION
1	0+91.1	21.4' LT	290.7	PC, R=25'	12	3+84.0	22.5' LT	298.4	MIDPOINT
2	1+01.6	23.2' LT	291.0	PRC, R=30'	13	3+92.1	23.9' LT	298.6	PRC, R=30'
3	1+13.0	25.5' LT	291.4	PT	14	4+01.9	25.5' LT	298.8	PT
4	1+71.7	25.5' LT	293.2	PC, R=30'	LEGEND				
5	1+84.2	22.8' LT	293.5	PRC, R=25'					
6	1+94.7	20.5' LT	293.7	PT		CEMENT CONCRETE PAVEMENT			
7	2+38.1	20.5' LT	294.8	PC, R=25'		CRUSHED SURFACING CHOKER COURSE			
8	2+48.5	22.8' LT	295.1	PRC, R=30'		NEW HMA PAVEMENT			
9	2+61.0	25.5' LT	295.5	PT		2" GRIND AND OVERLAY			
10	3+66.1	25.5' LT	298.0	PC, R=30'		SAWCUT LINE			
11	3+75.9	23.9' LT	298.2	PRC, R=25'		MODIFIED CATCH BASIN TYPE 2			
						EXISTING ROW			

NO.	DATE	BY	APPR.	REVISIONS

Approved By		9FIR010400STRM01.dwg
ENGINEERING MANAGER	DATE	HH 09/2025
DESIGNED BY	DATE	HH 09/2025
PROJECT MANAGER	DATE	DPY 09/2025
DRAWN BY	DATE	DPY 09/2025
CHECKED BY	DATE	



PSOMAS
2502 JEFFERSON AVENUE
TACOMA, WA 98402
253.627.0720
www.psomas.com

**90% REVIEW
SUBMITTAL**

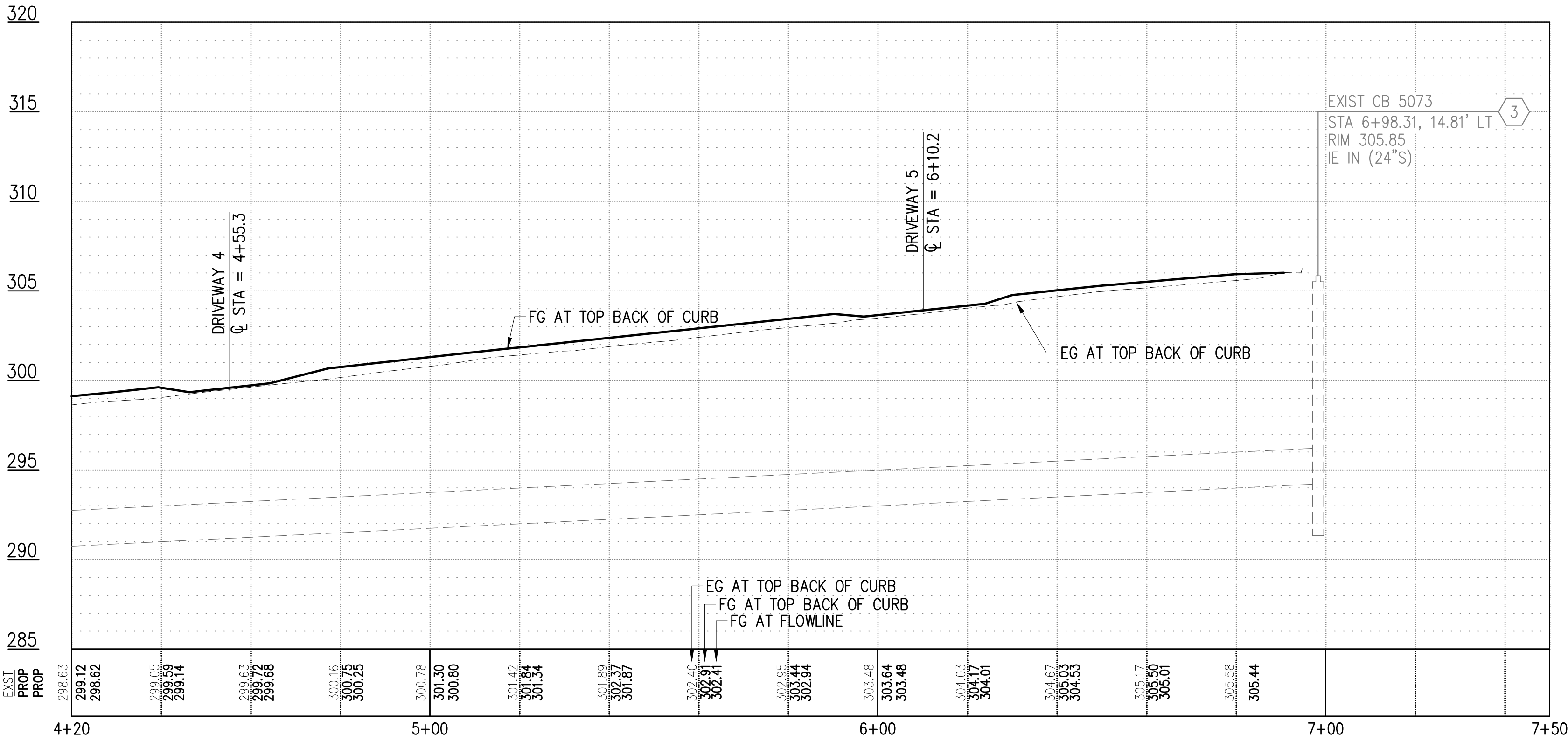
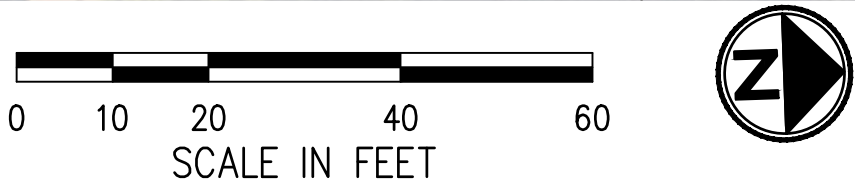
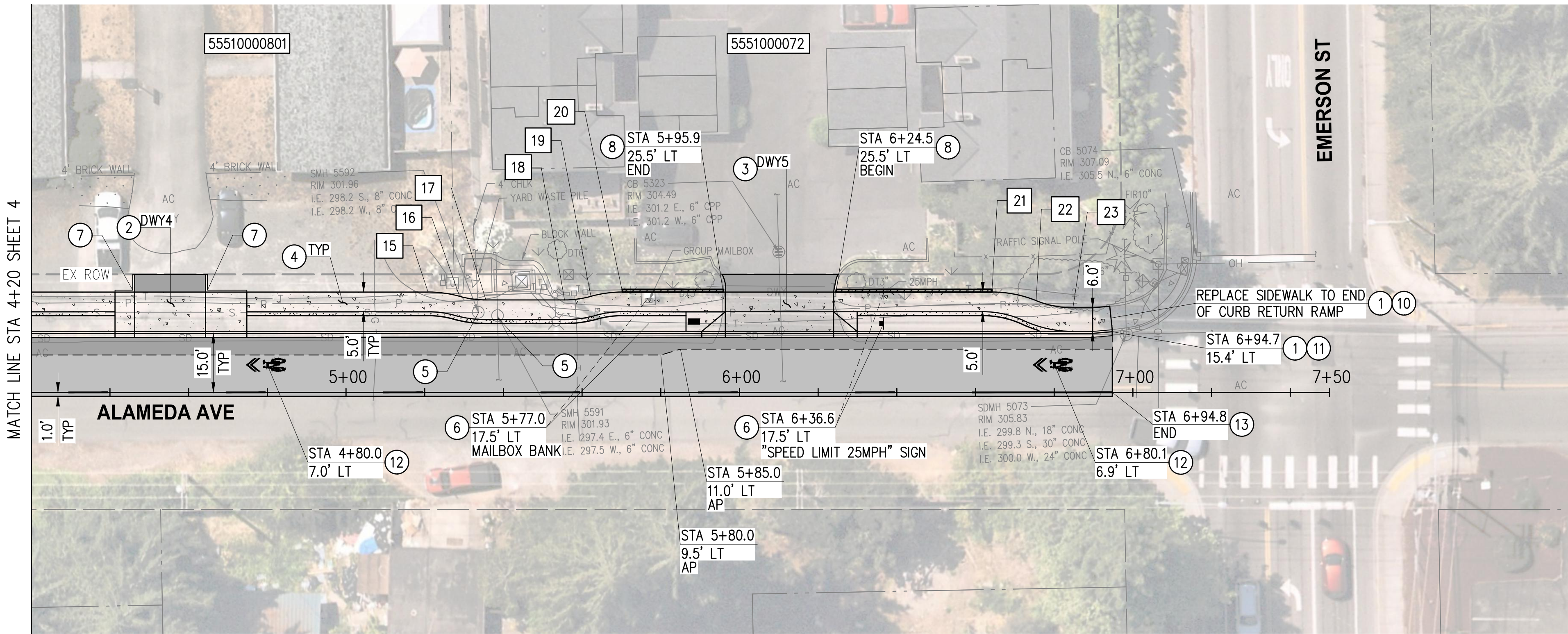


CITY OF FIRCREST
ALAMEDA AVENUE SIDEWALKS EXTENSION
CYPRESS POINT AVE TO EMERSON STREET

SIDEWALK & STORMWATER PLAN & PROFILE
ALAMEDA AVE
STA 0+00 TO STA 4+20

PROJ. No. 9FIR010400 SHT 4 OF 9

j:\PNW\FIRCREST\9fir010400 - alameda ave west sidewalks\CADD\sheetfiles\9fir010400STRM01.dwg Plotted: 10/20/2025 3:03 PM by Henry Hough



PROFILE

GENERAL NOTES

- ALL RAMPS AND SIDEWALKS SHALL BE COMPLIANT WITH CURRENT ADA STANDARDS. COMPLIANCE SHALL BE CHECKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER WHEN FORMS ARE SET AND WHEN CONCRETE IS POURED. ANY GRADING MODIFICATIONS REQUIRED FOR ADA COMPLIANCE SHALL BE APPROVED BY THE ENGINEER.
- PROPOSED CURB & GUTTER, SIDEWALK, AND DRIVEWAYS SHALL BE INSTALLED PER THEIR RESPECTIVE WSDOT STD PLANS AND TYPICAL SECTIONS, SHEET 3.
- ALL AREAS DISTURBED BUT NOT SPECIFICALLY SHOWN FOR RESTORATION IN THE PLANS SHALL BE RESTORED PER THE RESTORATION TABLE, SHEET 3.
- PRESERVE AND PROTECT ALL IMPROVEMENTS AND STRUCTURES NOT SPECIFICALLY MARKED FOR REMOVAL.
- CONSTRUCTION ACTIVITIES SHALL BE PHASED AS NECESSARY TO MAINTAIN ACCESS FOR RESIDENTS. DRIVEWAY CLOSURES SHALL BE COORDINATED WITH THE ENGINEER AND PROPERTY OWNER A MINIMUM OF 2 WORKING DAYS IN ADVANCE.
- APPROXIMATE LIMITS OF RESTORATION ARE SHOWN ON THE PLANS. FINAL LIMITS MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD TO REFLECT ACTUAL FIELD CONDITIONS.
- CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN INLET PROTECTION, SILT FENCE, WATTLES, AND OTHER EROSION CONTROL MEASURES TO MINIMIZE SEDIMENT MIGRATION INTO STORM DRAINAGE SYSTEMS WITHIN THE PROJECT LIMITS AND 100' DOWNSTREAM OF THE PROJECT LIMITS.

CONSTRUCTION NOTES

- MATCH EXISTING.
- INSTALL CEMENT CONC DRIVEWAY ENTRANCE TYPE 1 PER WSDOT STD PLAN F-80.10. SEE DRIVEWAY PLAN & PROFILE, SHEET 6.
- INSTALL CEMENT CONC DRIVEWAY ENTRANCE TYPE 4 (MODIFIED) PER WSDOT STD PLAN F-80.10. SEE DRIVEWAY PLAN & PROFILE, SHEET 7.
- INSTALL BALLASTED CEMENT CONC SIDEWALK PER SECTION 1, SHEET 3.
- ADJUST MANHOLE RING AND COVER TO GRADE AND INSTALL 3" CONCRETE COLLAR AND NON-SKID LID.
- REMOVE, SALVAGE AND RELOCATE TO CENTER OF PLANTER STRIP.
- INSTALL CEMENT CONC PEDESTRIAN CURB PER WSDOT STD PLAN F-10.12.
- INSTALL DECORATIVE MODULAR BLOCK WALL PER SECTIONS AND DETAILS, SHEET 3, AND SPECIAL PROVISIONS.
- INSTALL CEMENT CONC SIDEWALK PER WSDOT STD PLAN F-30.10.
- INSTALL CEMENT CONC TRAFFIC CURB AND GUTTER PER WSDOT STD PLAN F-10.12 AND DEPRESSED CURB DETAIL, SHEET 3.
- WHITE MMA SHARED LANE MARKING PER MUTCD FIGURE 9C-9.
- YELLOW CENTERLINE MARKING PER MUTCD FIGURE 3B-1(A).

BOW LAYOUT POINTS

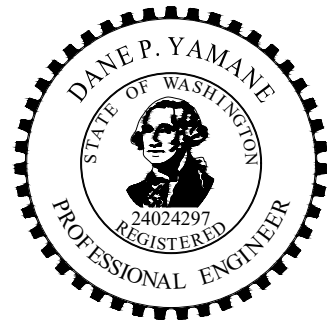
#	STATION	OFFSET	ELEV	DESCRIPTION
15	5+20.9	25.5' LT	302.0	PC, R=30'
16	5+28.9	24.4' LT	302.2	PRC, R=25'
17	5+35.6	23.5' LT	302.4	PT
18	5+55.6	23.5' LT	302.9	PC, R=25'
19	5+62.2	24.4' LT	303.1	PRC, R=30'
20	5+70.2	25.5' LT	303.3	PT BEGIN WALL
21	6+64.2	25.5' LT	305.7	END WALL PC, R=30'
22	6+75.4	23.3' LT	306.0	PRC, R=25'
23	6+84.8	21.5' LT	306.1	PT

LEGEND

- CEMENT CONCRETE PAVEMENT
- CRUSHED SURFACING CHOKER COURSE
- NEW HMA PAVEMENT
- 2" GRIND AND OVERLAY
- SAWCUT LINE
- MODULAR BLOCK WALL
- EXISTING ROW

NO.	DATE	BY	APPR.	REVISIONS

Approved By		9fir010400STRM01.dwg
ENGINEERING MANAGER	DATE	HH 09/2025
DESIGNED BY	DATE	HH 09/2025
PROJECT MANAGER	DATE	DPY 09/2025
PROJECT ENGINEER	DATE	CHECKED BY DATE



PSOMAS
2502 JEFFERSON AVENUE
TACOMA, WA 98402
253.627.0720
www.psomas.com

**90% REVIEW
SUBMITTAL**

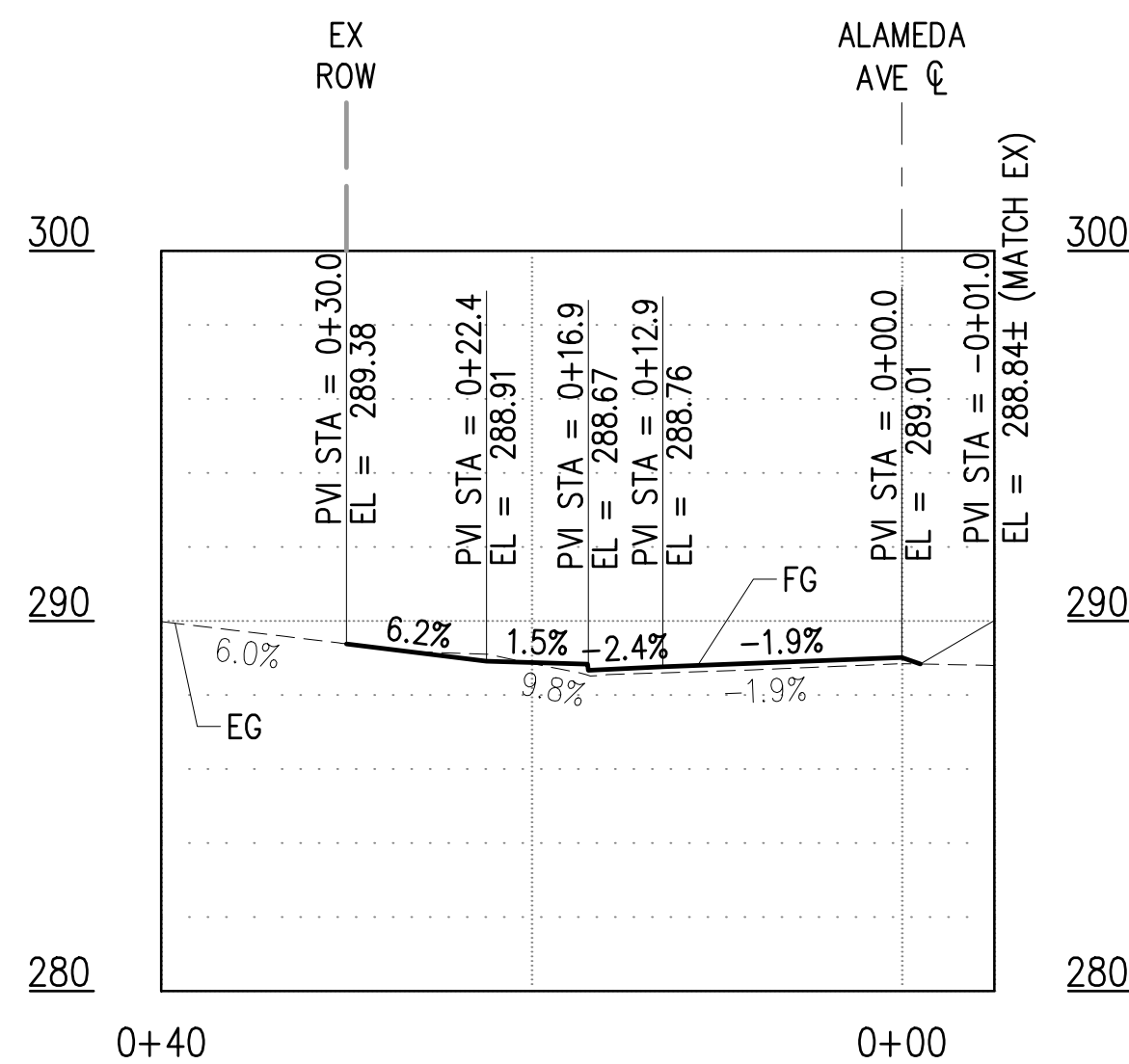
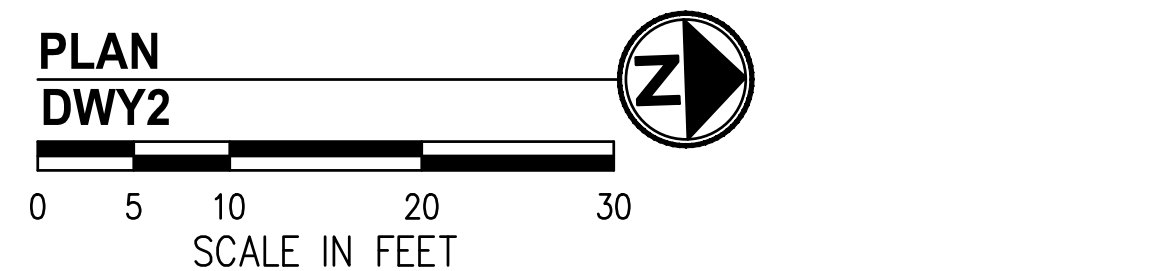
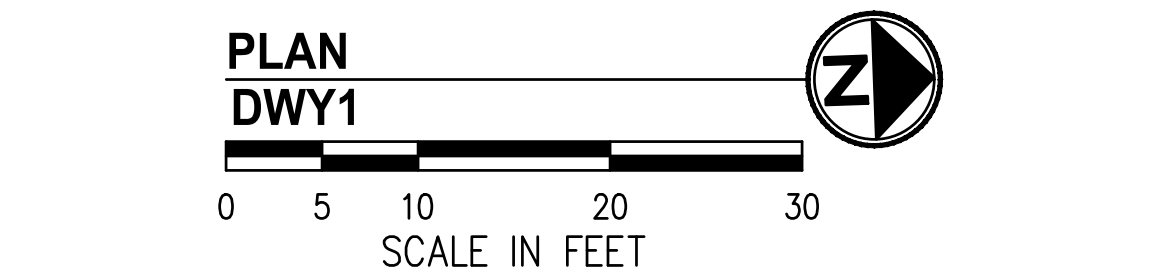
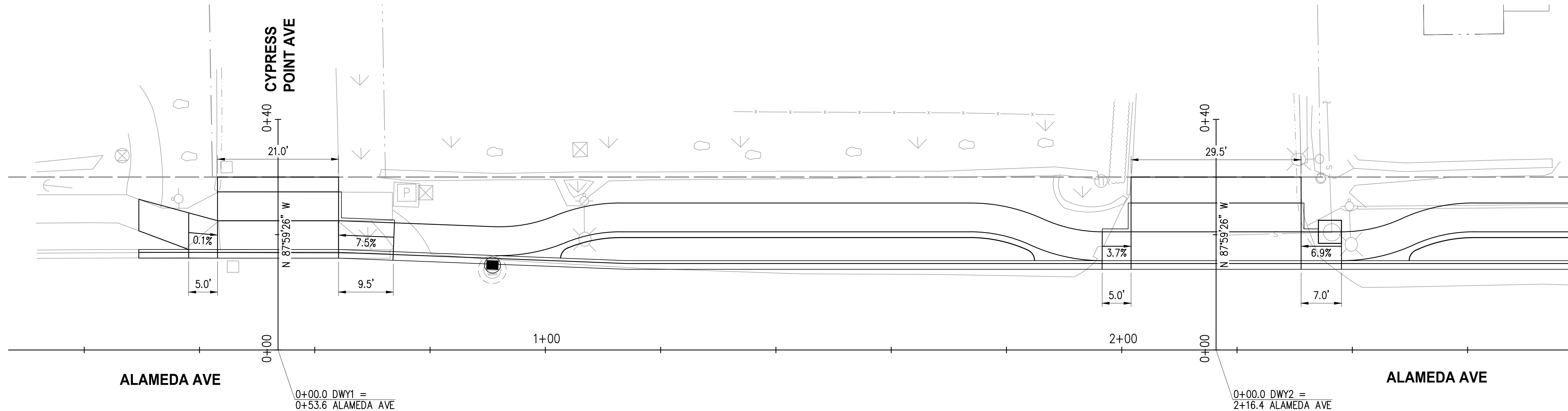


CITY OF FIRCREST
ALAMEDA AVENUE SIDEWALKS EXTENSION
CYPRESS POINT AVE TO EMERSON STREET

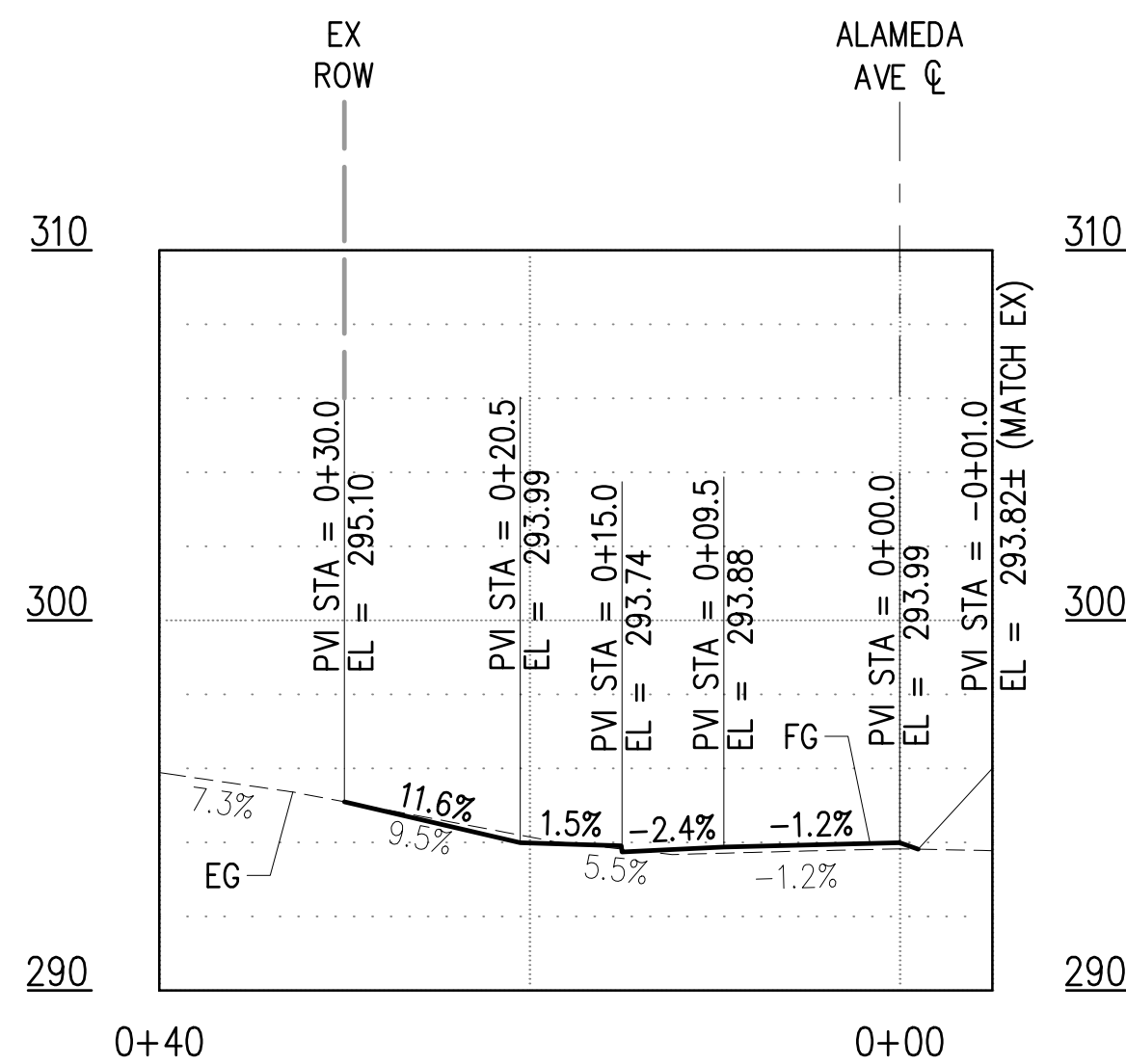
SIDEWALK & STORMWATER PLAN & PROFILE
ALAMEDA AVE
STA 4+20 TO STA 7+50

PROJ. No. 9fir010400 SHT 5 OF 9

j:\PNW\FIRCREST\9fir010400 - alameda ave west sidewalks\9FIR010400DRWY01.dwg Plotted: 10/20/2025 3:03 PM by Henry Hough



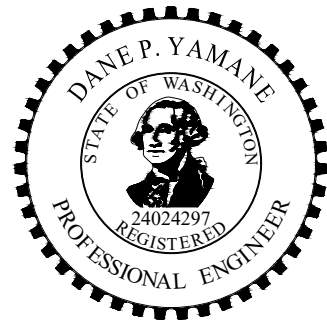
PROFILE (DWY1)
HOR: 1"=10' VER: 1"=5'



PROFILE (DWY2)
HOR: 1"=10' VER: 1"=5'

NO.	DATE	BY	APPR.	REVISIONS

Approved By		9FIR010400DRWY01.dwg
ENGINEERING MANAGER	DATE	HH 09/2025
DESIGNED BY	DATE	HH 09/2025
PROJECT MANAGER	DATE	DPY 09/2025
DRAWN BY	DATE	DPY 09/2025
PROJECT ENGINEER	DATE	CHECKED BY DATE



PSOMAS
2502 JEFFERSON AVENUE
TACOMA, WA 98402
253.627.0720
www.psomas.com

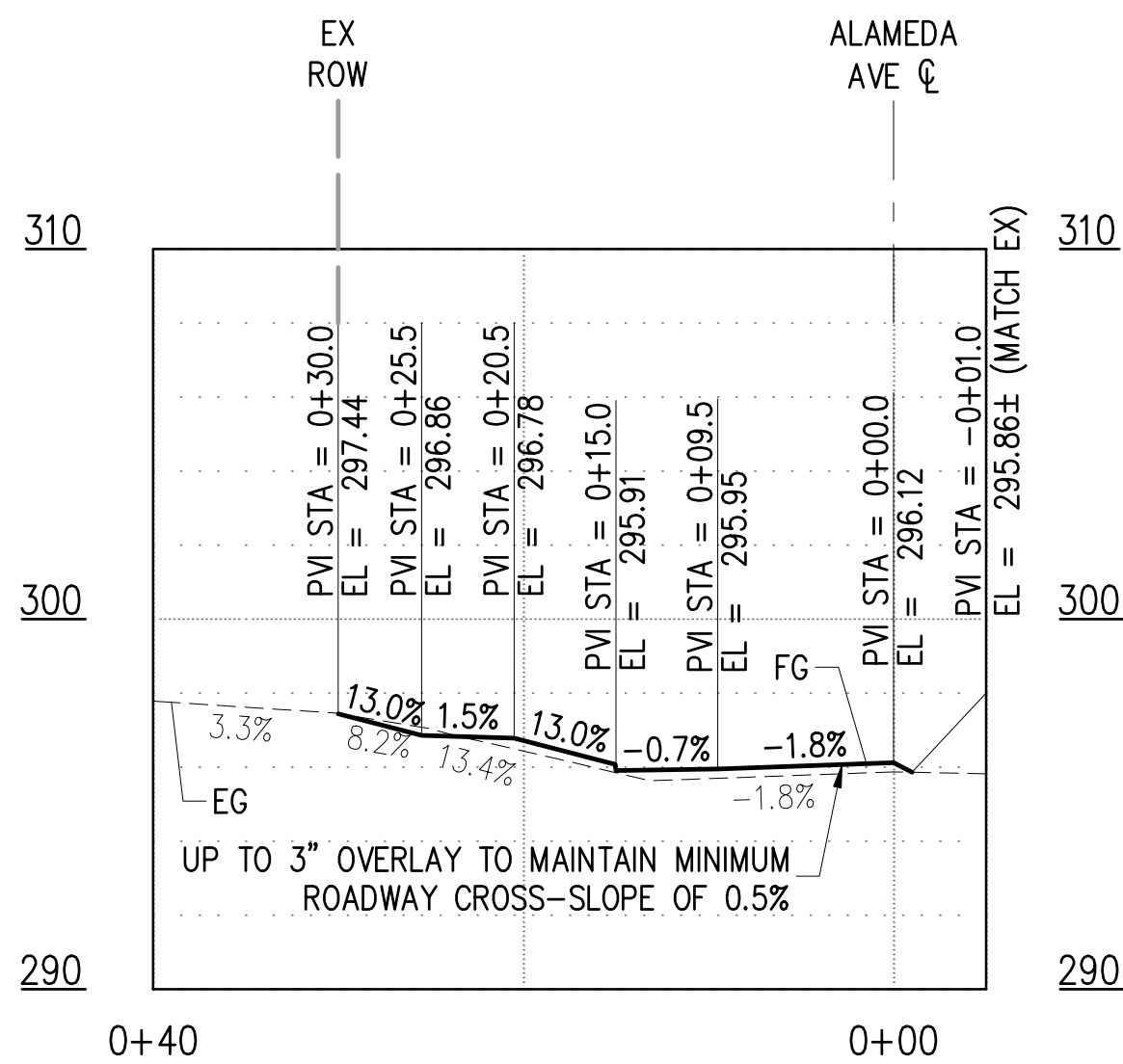
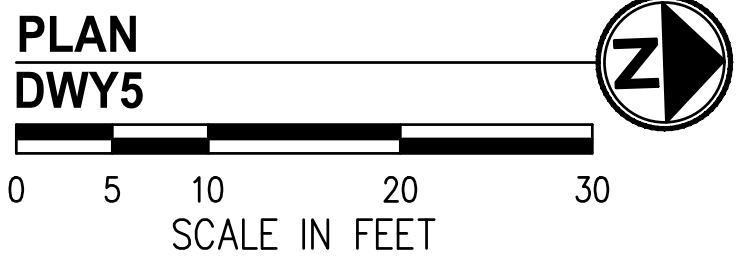
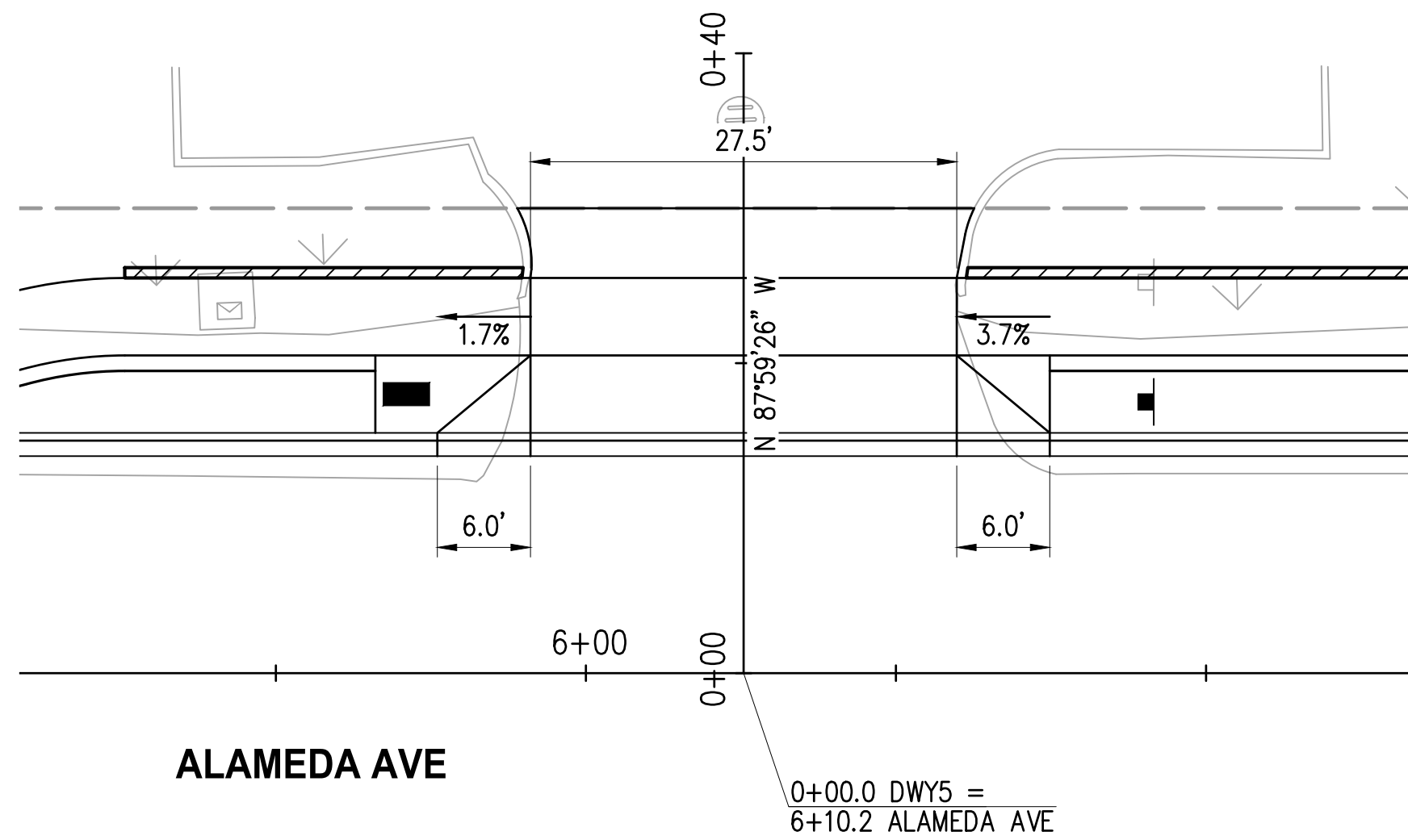
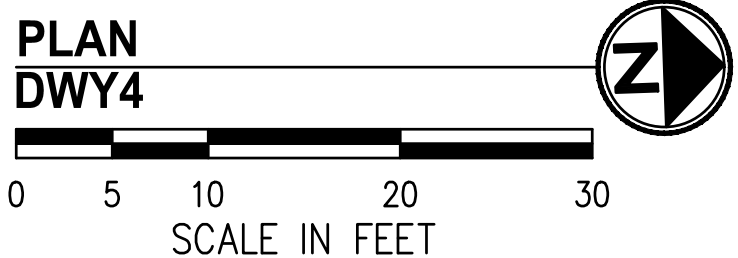
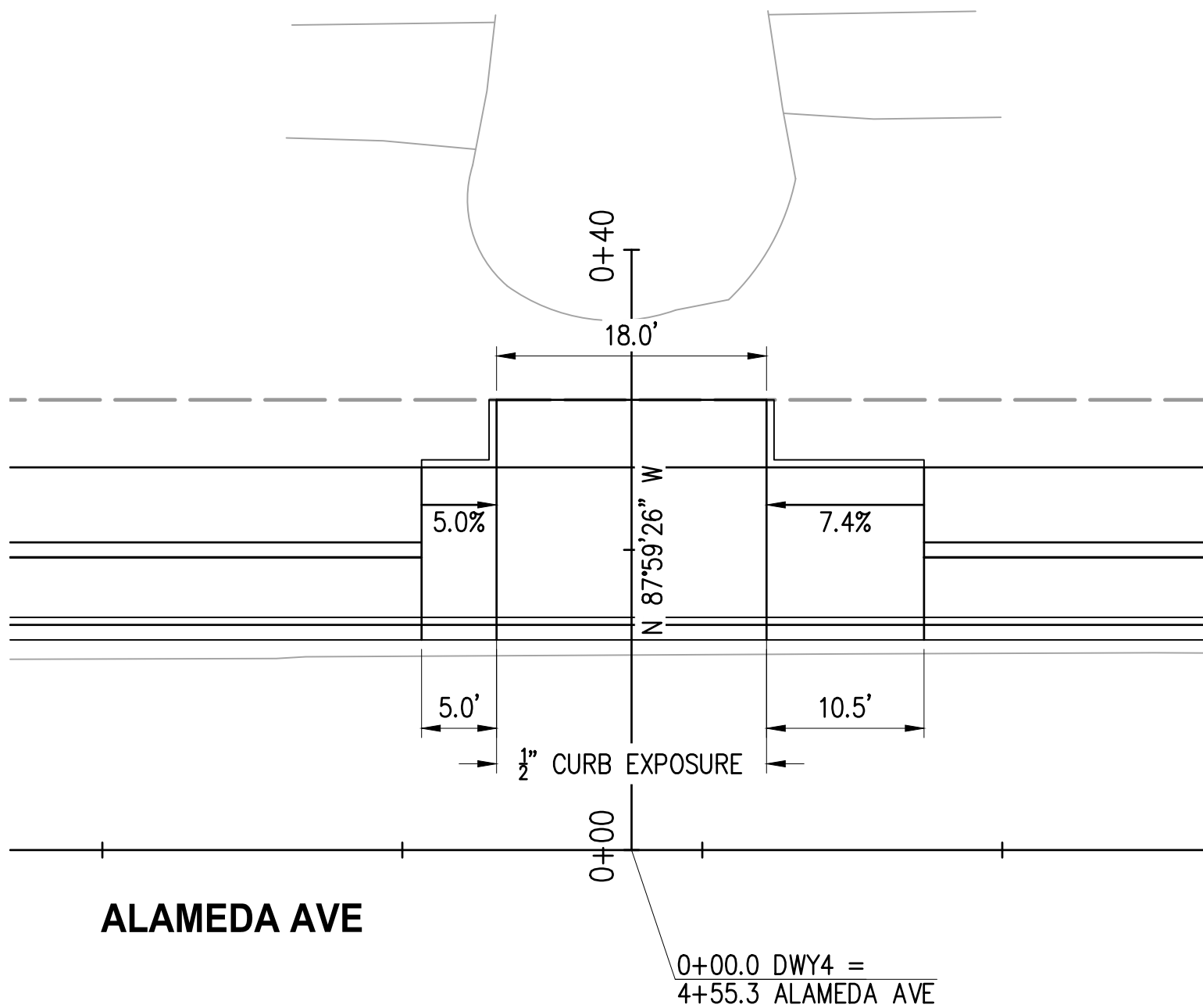
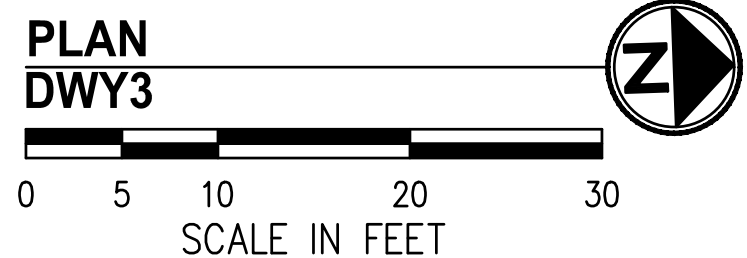
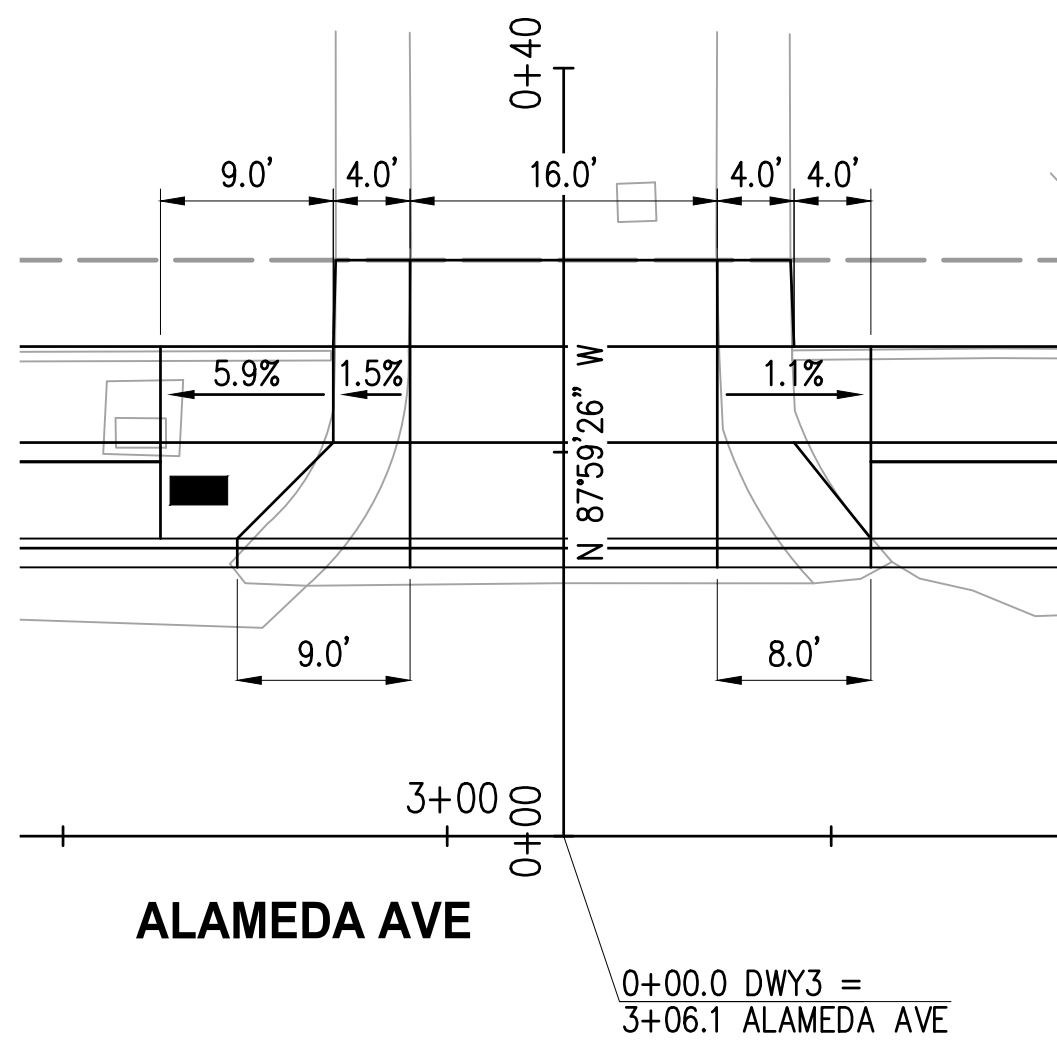
**90% REVIEW
SUBMITTAL**



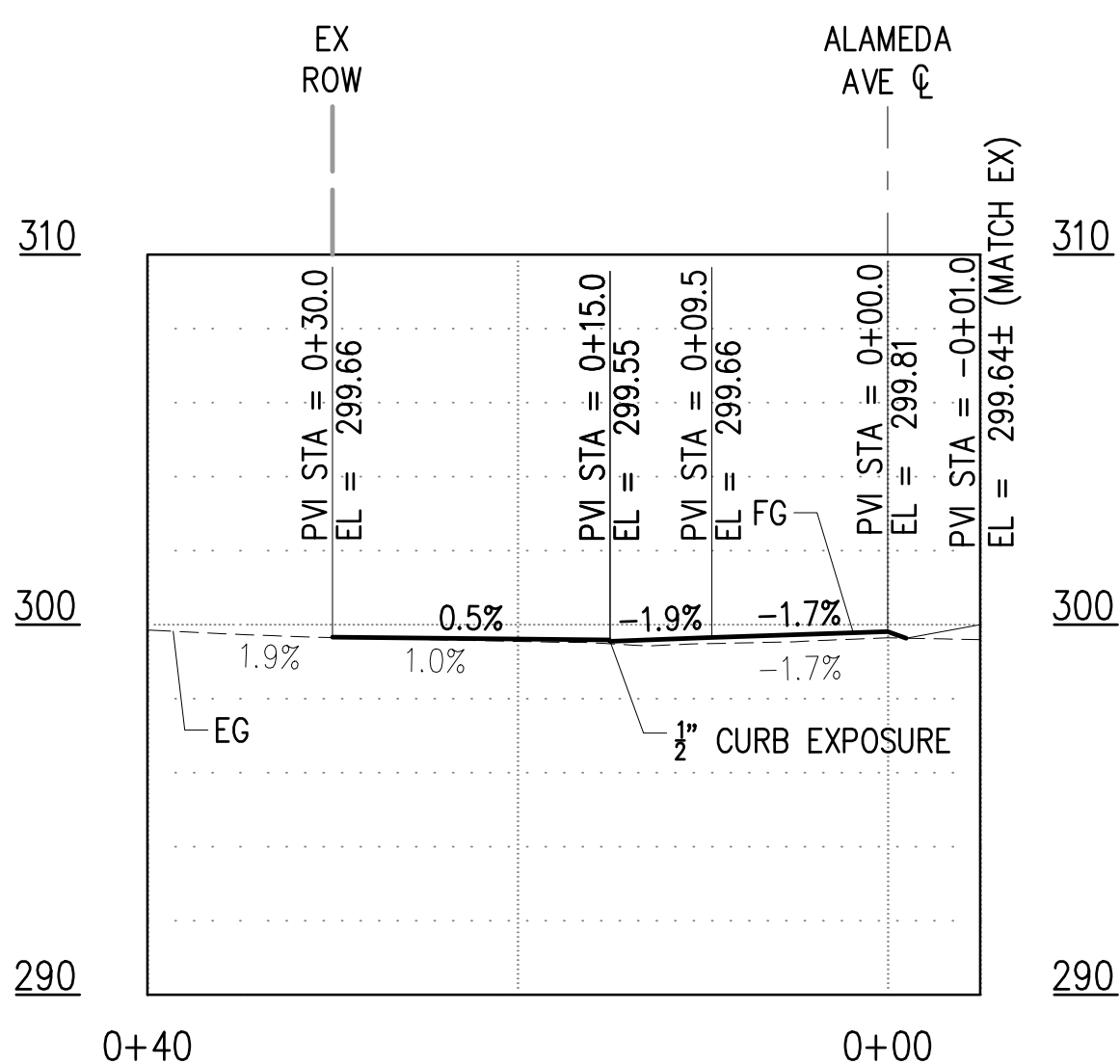
CITY OF FIRCREST
ALAMEDA AVENUE SIDEWALKS EXTENSION
CYPRESS POINT AVE TO EMERSON STREET

DRIVEWAY PLAN & PROFILE	
ALAMEDA AVE	
D1 & D2	
PROJ. No. 9FIR010400	SHT <u>6</u> OF <u>9</u>

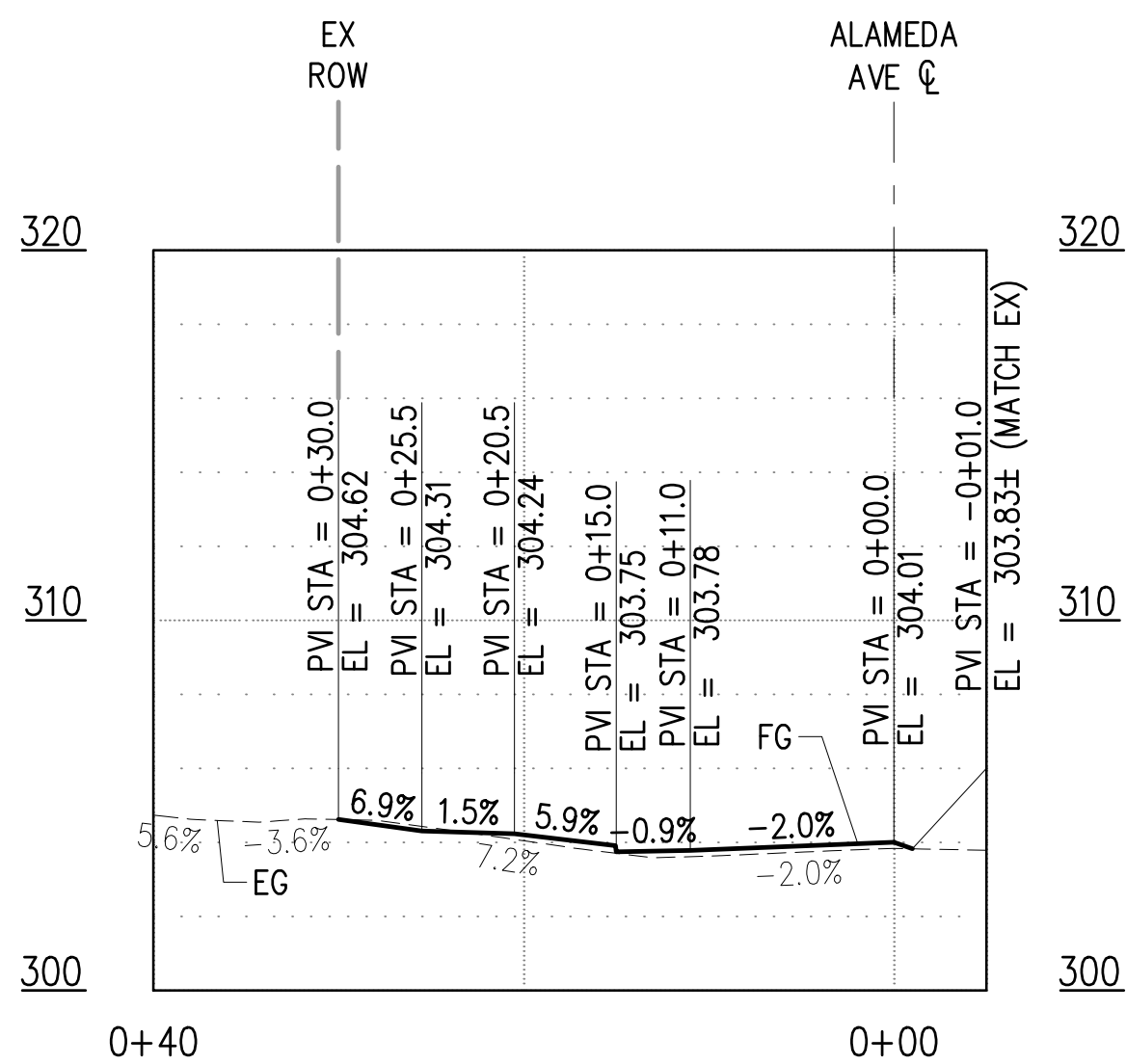
j:\PNW\FIRCREST\9fir010400 - alameda ave west sidewalks\9fir010400DRWY01.dwg Plotted: 10/20/2025 3:03 PM by Henry Hough



PROFILE (DWY3)
HOR: 1"=10' VER: 1"=5'



PROFILE (DWY4)
HOR: 1"=10' VER: 1"=5'

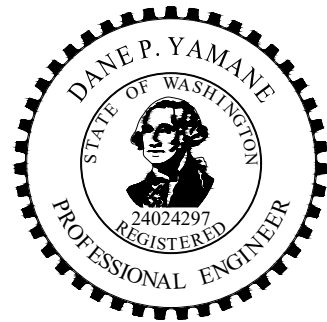


PROFILE (DWY5)
HOR: 1"=10' VER: 1"=5'

NO.	DATE	BY	APPR.	REVISIONS

Approved By	
ENGINEERING MANAGER	DATE
PROJECT MANAGER	DATE
PROJECT ENGINEER	DATE

9FIR010400DRWY01.dwg	FILENAME
HH	09/2025
DESIGNED BY	DATE
HH	09/2025
DRAWN BY	DATE
DPY	09/2025
CHECKED BY	DATE



PSOMAS
2502 JEFFERSON AVENUE
TACOMA, WA 98402
253.627.0720
www.psomas.com

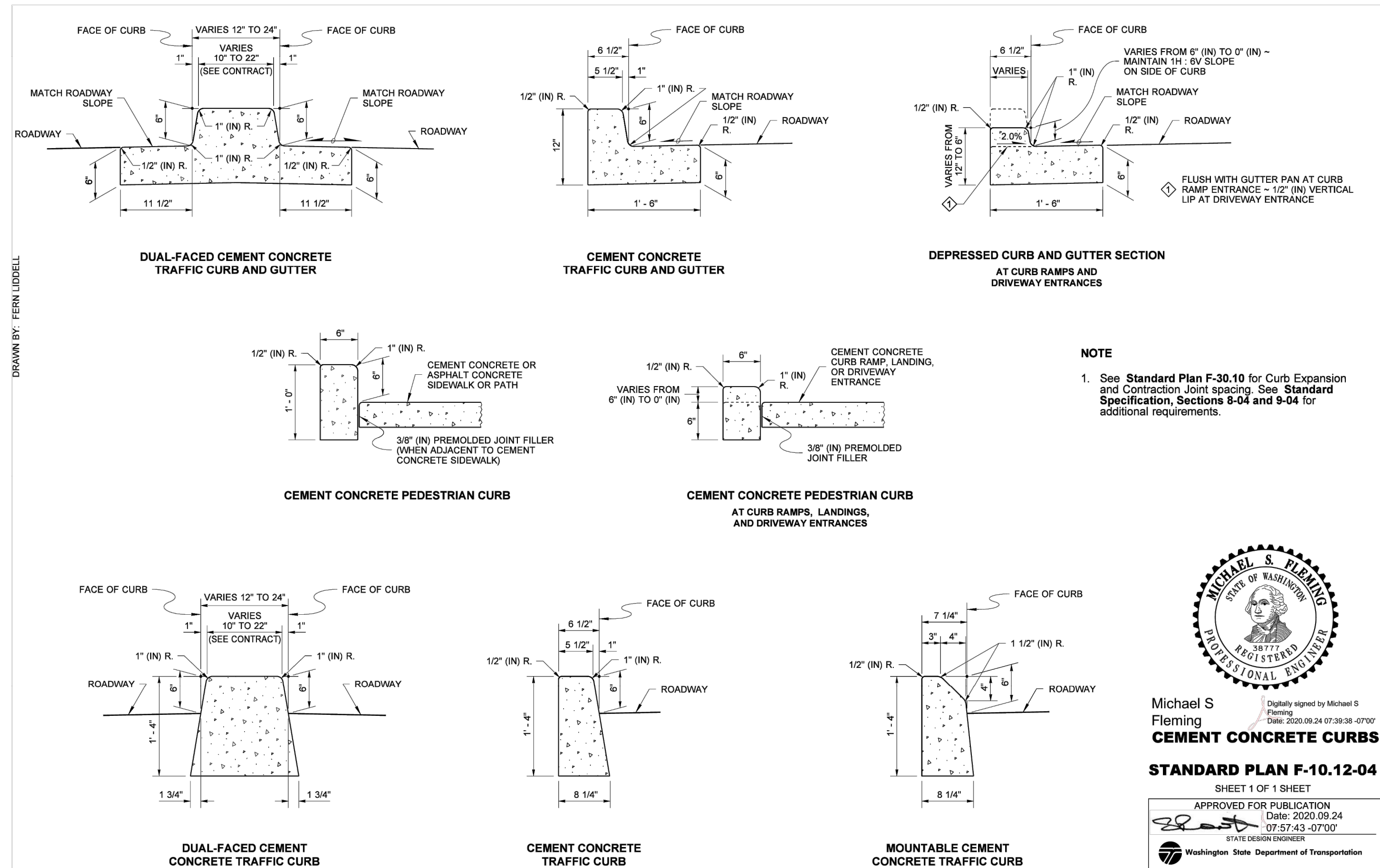
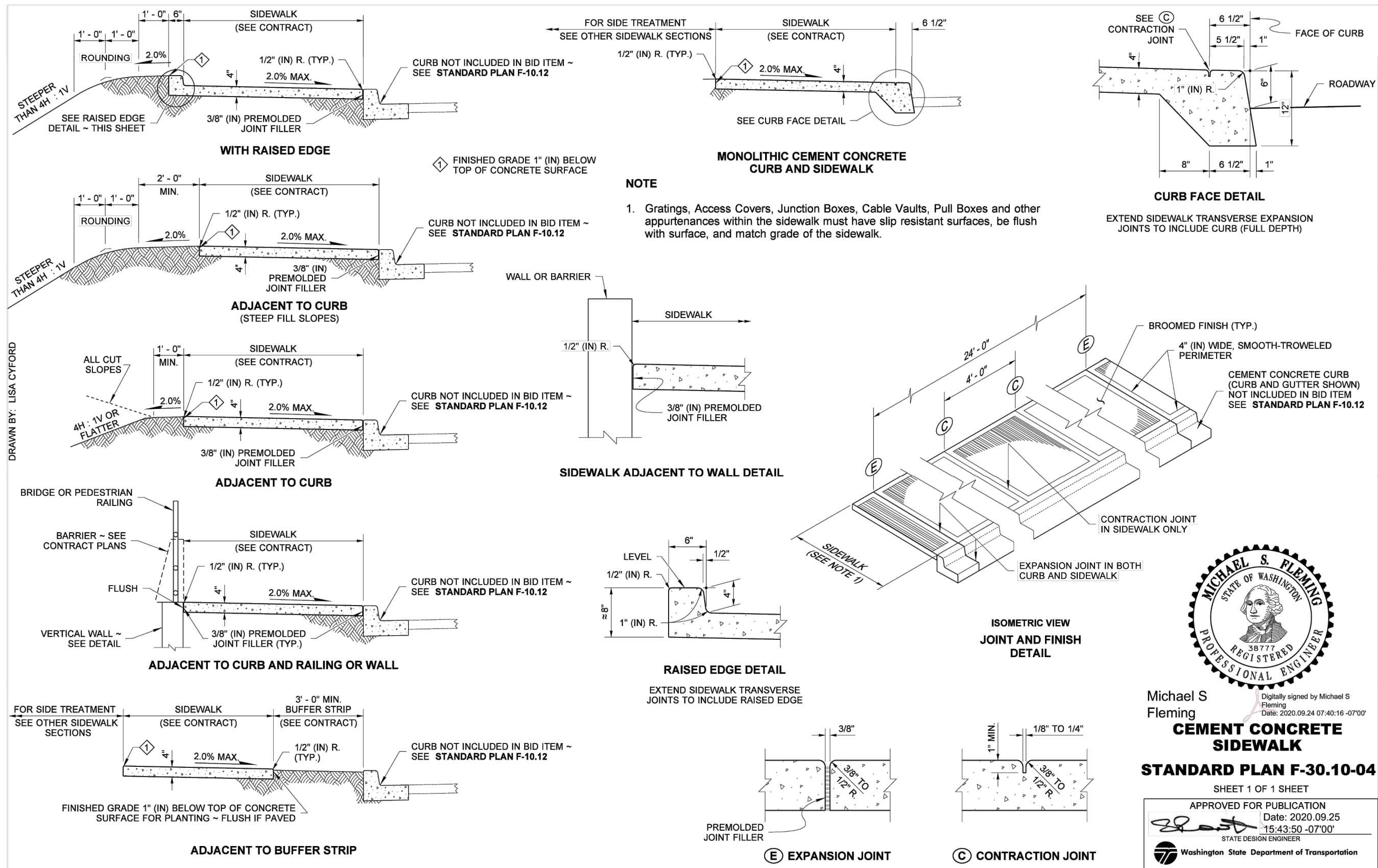
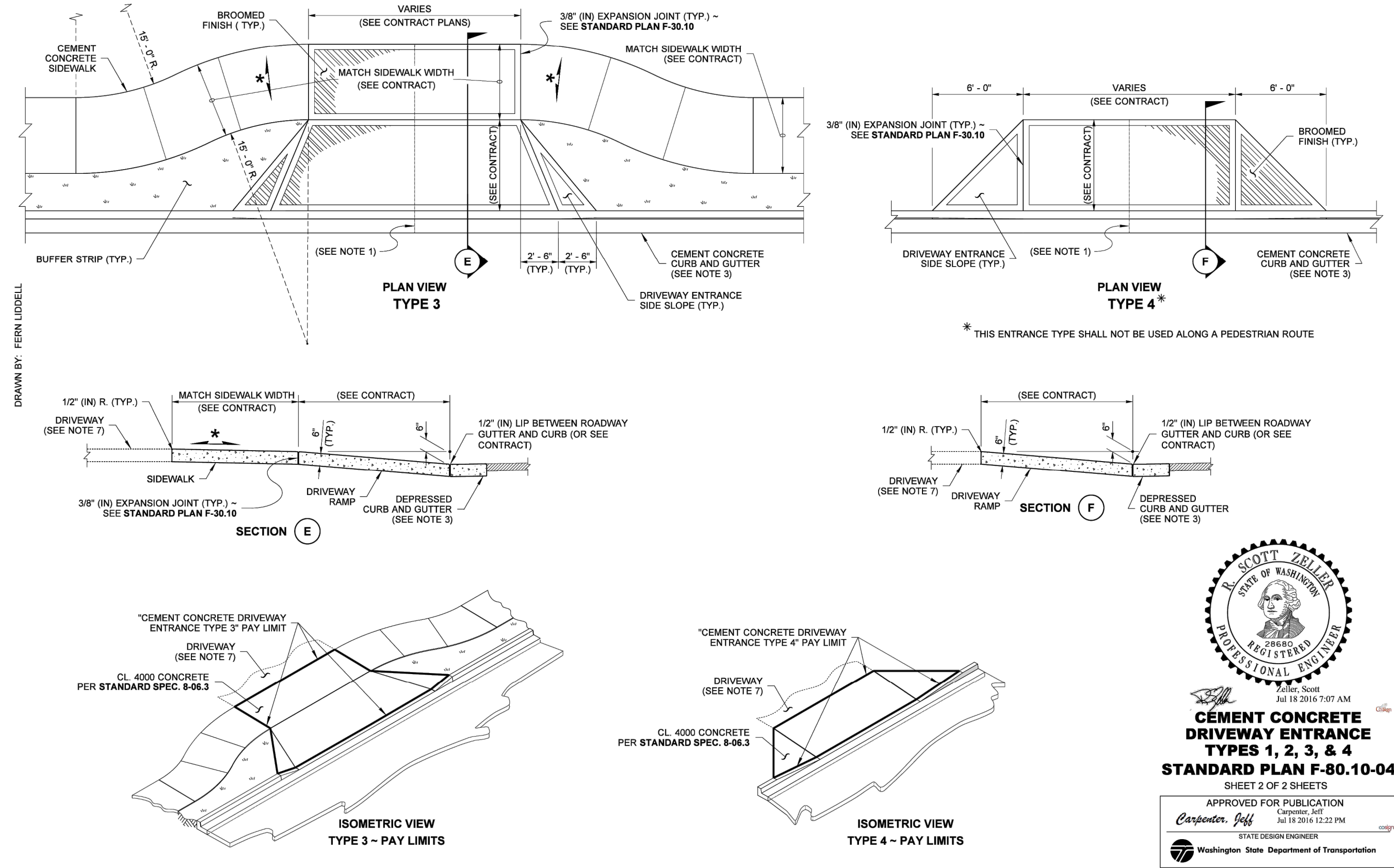
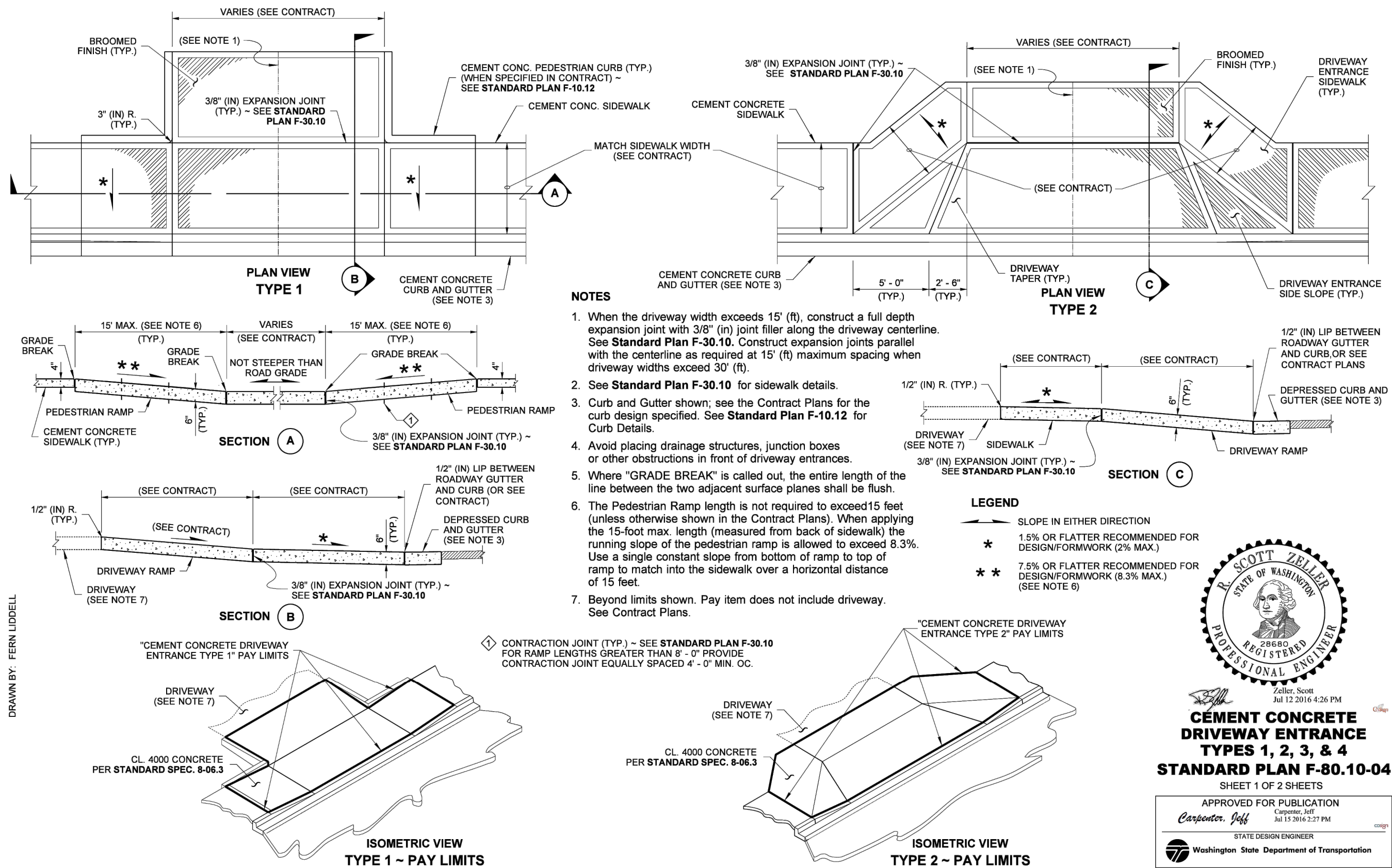
90% REVIEW
SUBMITTAL



CITY OF FIRCREST
ALAMEDA AVENUE SIDEWALKS EXTENSION
CYPRESS POINT AVE TO EMERSON STREET

DRIVEWAY PLAN & PROFILE ALAMEDA AVE D3, D4 & D5		
PROJ. No.	9FIR010400	SHT <u>7</u> OF <u>9</u>

j:\PNW\FIRCREST\9fir010400\9fir010400 - alameda ave west sidewalks\CADD\sheetfiles\9fir010400WSD01-DET.dwg Plotted:10/20/2025 3:03 PM by Henry Hough



NO.	DATE	BY	APPR.	REVISIONS

Approved By		9FIR010400WSD01-DET.dwg
ENGINEERING MANAGER	DATE	HH 09/20/25
PROJECT MANAGER	DATE	HH 09/20/25
PROJECT ENGINEER	DATE	DPY 09/20/25
	CHECKED BY	DATE



PSOMAS

2502 JEFFERSON AVENUE
TACOMA, WA 98402
253.627.0720

www.psomas.com

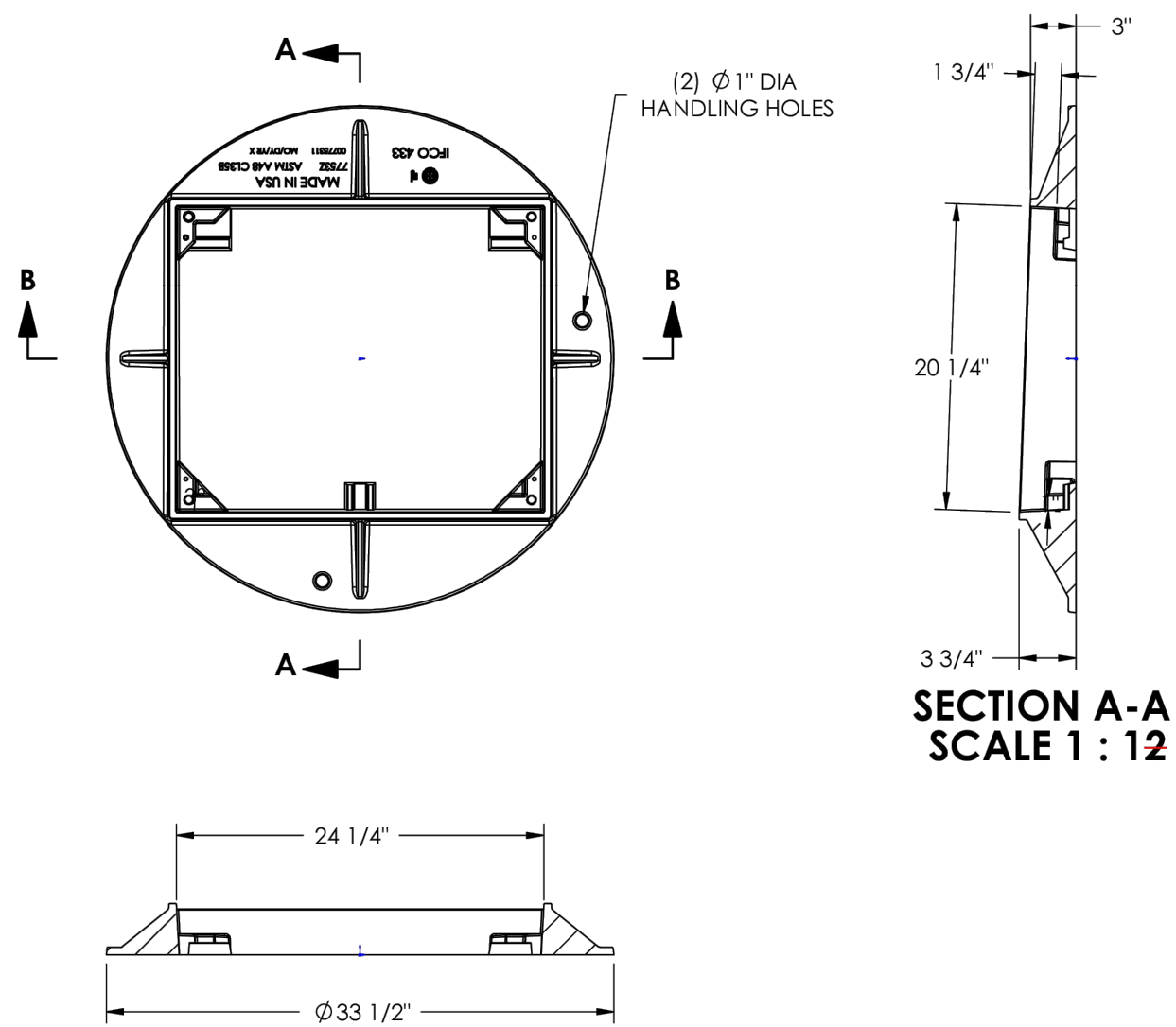
90% REVIEW
SUBMITTAL



CITY OF FIRCREST
ALAMEDA AVENUE SIDEWALKS EXTENSION
CYPRESS POINT AVE TO EMERSON STREET

STANDARD PLANS & DETAILS	
PROJ. No. 9FIR010400	SHT 8 OF 9

7753Z Curb Inlet Frame



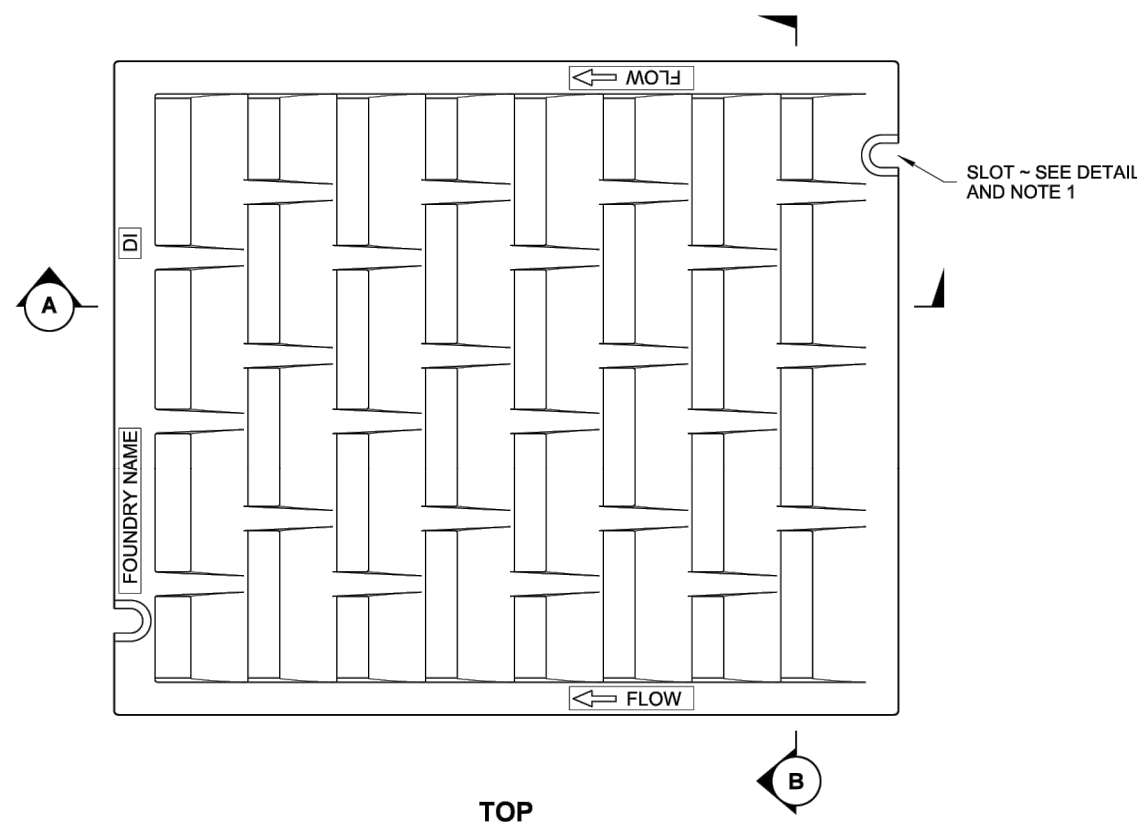
Product Number
00775311
Design Features
-Materials
Gray Iron (CL35B)
-Design Load
Heavy Duty
-Open Area
n/a
-Coating
Unclipped
~√ Designates Machined Surface

Certification
-ASTM A48
-Country of Origin: USA

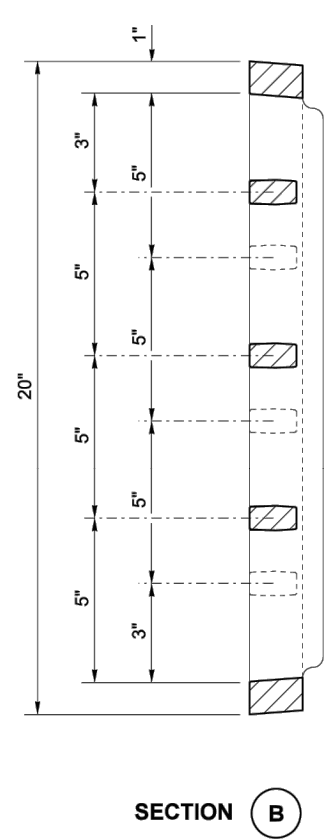
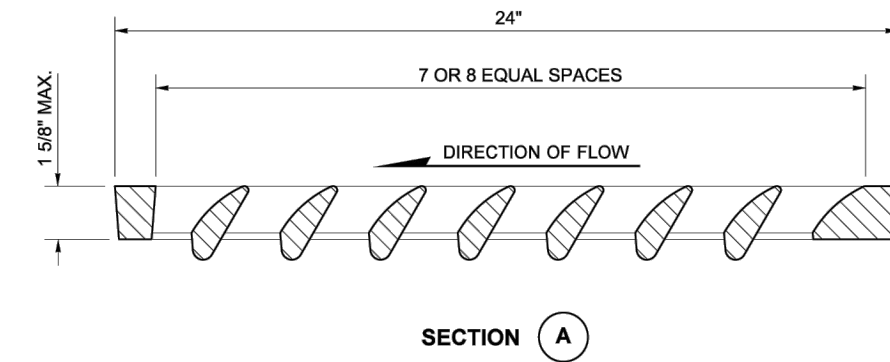
Drawing Revision
9/28/2009 Designer: SBB
4/22/2014 Revised By: MAH

Disclaimer
Weights (bs/kg), dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

Contact
800 626 4553
ejco.com

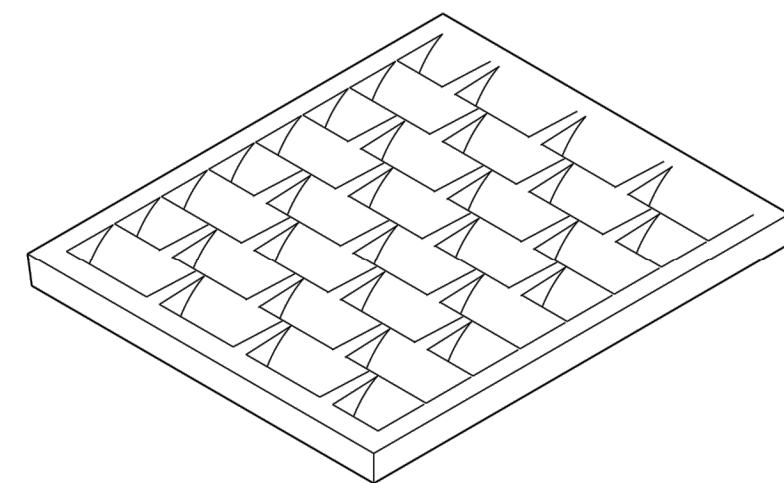
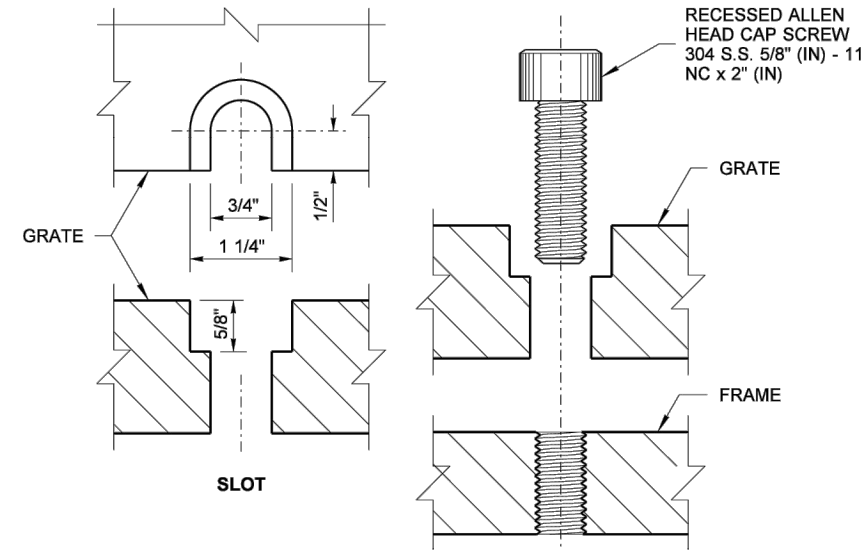


DRAWN BY: FERN LIDDELL



NOTES

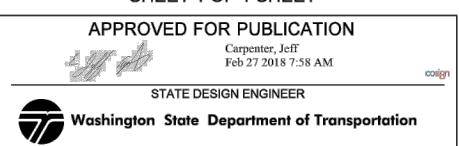
1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8" (in) - 11 NC x 2" (in) allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.
2. Refer to **Standard Specification Section 9-05.15** and **9-05.15(2)** for additional requirements.
3. For frame details, see **Standard Plan B-30.10**.



ISOMETRIC



RECTANGULAR VANED GRATE
STANDARD PLAN B-30.30-03
SHEET 1 OF 1 SHEET



APPENDIX A – Cluster Box Unit Installation Single Unit

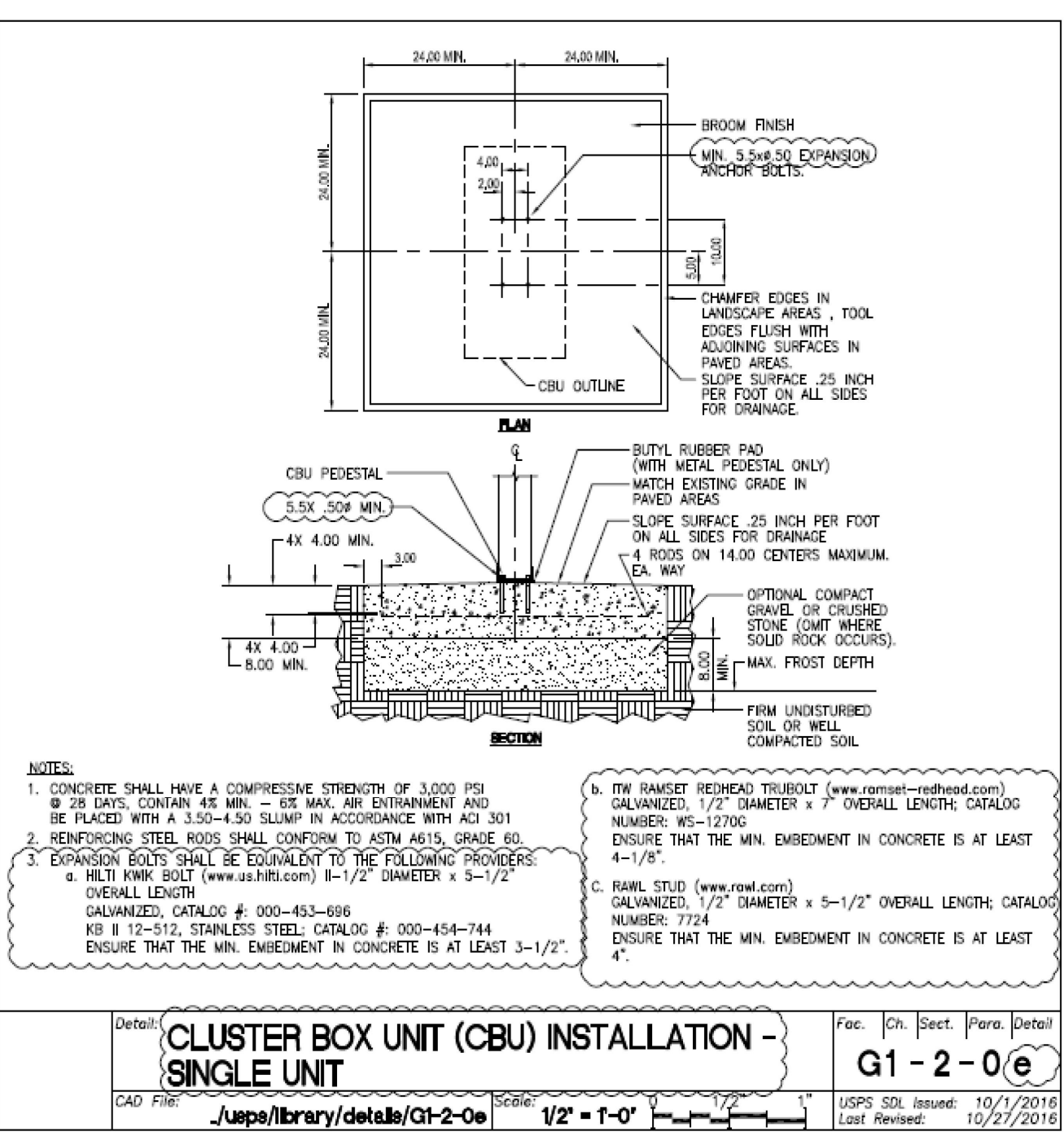
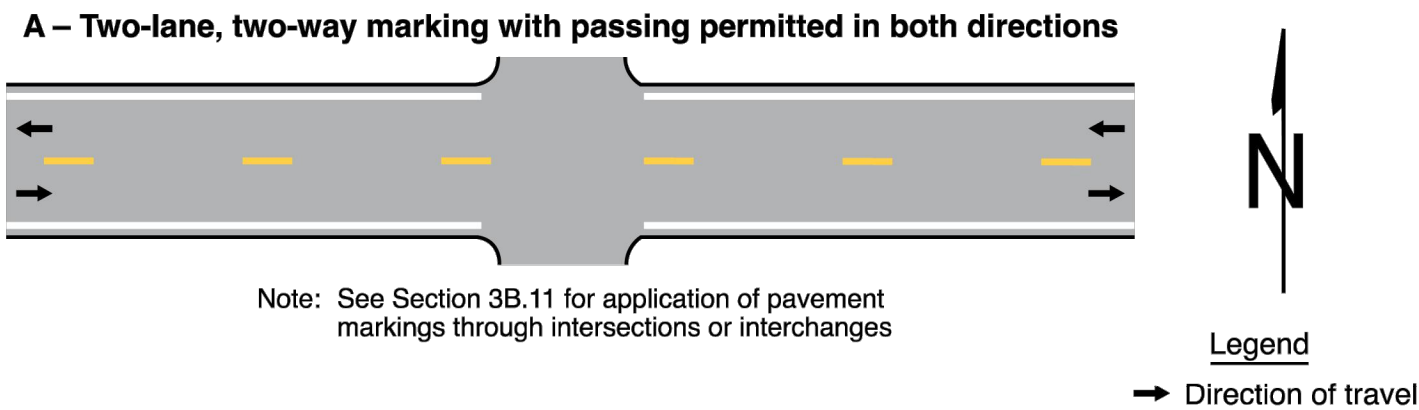


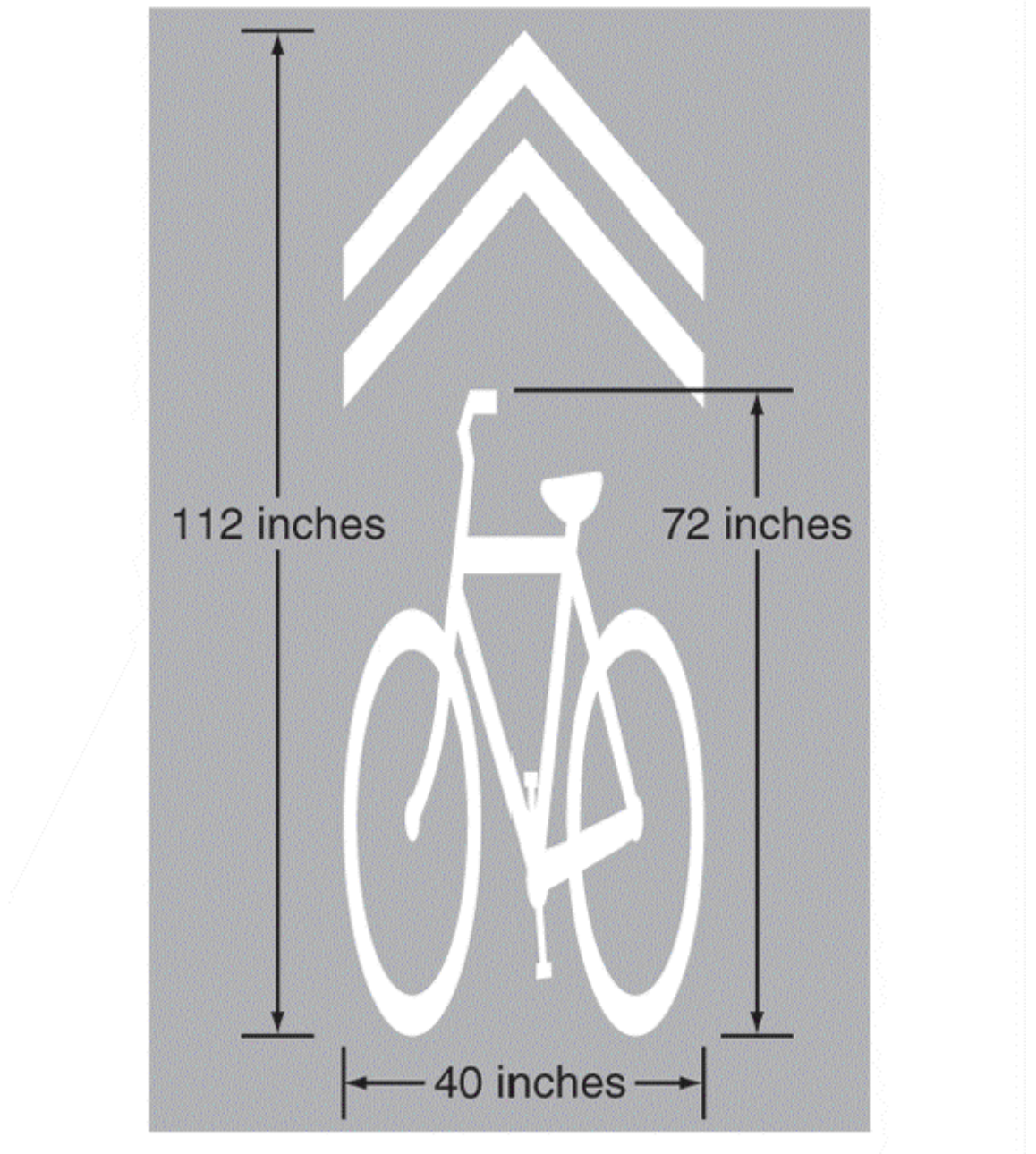
Figure 3B-1. Yellow Center Lines for Two-Lane, Two-Way Applications



Note: See Section 3B.11 for application of pavement markings through intersections or interchanges

MUTCD FIGURE 3B-1(A)

Figure 9C-9. Shared Lane Marking

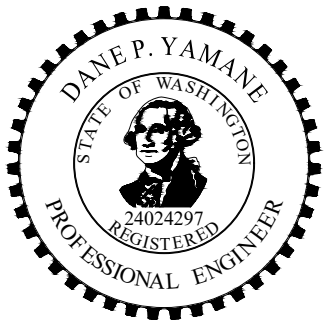


MUTCD FIGURE 9C-9

j:\PNW\FIRCREST\9fir010400 - alameda ave west sidewalks\CADD\sheetfiles\9fir010400\WSDOT-DET.dwg Plotted: 10/20/2025 3:04 PM by Henry Hough

NO.	DATE	BY	APPR.	REVISIONS

Approved By		9fir010400WSDOT-DET.dwg
ENGINEERING MANAGER	DATE	HH 09/2025
DESIGNED BY	DATE	HH 09/2025
PROJECT MANAGER	DATE	DPY 09/2025
PROJECT ENGINEER	DATE	CHECKED BY DATE



PSOMAS
2502 JEFFERSON AVENUE
TACOMA, WA 98402
253.627.0720
www.psomas.com

90% REVIEW
SUBMITTAL



CITY OF FIRCREST
ALAMEDA AVENUE SIDEWALKS EXTENSION
CYPRESS POINT AVE TO EMERSON STREET

STANDARD PLANS & DETAILS	
PROJ. No. 9fir010400	SHT 9 OF 9