

PLANS FOR THE CONSTRUCTION OF
**MARCUM STREET
IMPROVEMENTS**
FROM SOUTH END TO W CLARK AVE
IN THE 4TH SUPERVISORIAL DISTRICT
COUNTY PROJECT NO. 862456



THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS".



DocuSigned by:
ESAU BLANCO 1/27/2025 | 4:51 PM PST
04 APPROVED - RECOMMENDED - ENGINEERING SECTION MANAGER DATE

PAGE	SHEET	DESCRIPTION
1	TS	TITLESHEET
2-3	DM	DEMOLITION
4-6	X	TYPICAL SECTIONS
7-9	L	LAYOUT
10-13	CD	CONSTRUCTION DETAILS
14-16	D	GRADING AND DRAINAGE
17-18	U	UTILITY PLAN

ELEVATION = 355.86' (NAVD 88 DATUM)

THE HORIZONTAL DATUM OF THE CONTROL IS NAD(83) 1992, AND CONTROL POSITIONS HAVE BEEN DERIVED FROM TIES TO FIVE STATIONS OF THE SANTA MARIA VALLEY CONTROL NETWORK PER MAP BOOK 147 PAGES 57-61 AS FILED IN THE COUNTY OF SANTA BARBARA RECORD OF SURVEYS. STATIONS 1008, 1009, 1012, 1117 & 1118.

THE BEARING SHOWN HERON ARE REFERENCED TO CCS83, ZONE 5 GRID NORTH.
THE POSITIONS OF THE FIVE POINTS NOTED ABOVE HAVE BEEN USED AS THE
BASIS OF BEARINGS FOR THIS SURVEY.

BOUNDARY LINES AND THE RIGHT-OF-WAYS SHOWN HEREON ARE BASED ON RECORD INFORMATION FROM RECORDED MAPS PER THE COUNTY AND CAL TRANS. THE LINES ARE BASED ON MINIMAL FOUND MONUMENTS FOR ORIENTATION ONLY AND IS NOT INTENDED TO BE A BOUNDARY SURVEY.

TITLE SHEET
TS

CONSTRUCTION STARTED:		Drawn by: <u>ESAU BLANCO</u> PROJECT ENGINEER: 1/27/2025 DATE 04ED3D0910D64A...		COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY: JSM DRAWN BY: JSM	CHECKED BY: EB CONSTRUCTABILITY REVIEW BY: JJ, DT	SCALE NTS	PROJECT NO. 862456	MARCUM STREET IMPROVEMENTS	SHEET NO. 1 OF 18 FILE NO.	
CONSTRUCTION COMPLETED:											
RECORD DRAWING APPROVED BY:											
SURVEY CHECKED BY:					FOR REDUCED PLANS ORIGINAL SCALE IN INCHES  1 INCH = 20 FEET		DISREGARD PRINTS BEARING EARLIER REVISION DATES →				REVISION DATES (PRELIMINARY STAGE ONLY)

DEMOLITION NOTES

- 1

CLEAR AND GRUB ALL EXISTING FEATURES WITHIN PROJECT LIMITS, AS SHOWN, BUT NOT LIMITED TO: VEGETATION, ROCKS, LANDSCAPING, HARDSCAPE, ETC.
- 2

SAWCUT EXISTING ASPHALT PAVEMENT AT LOCATIONS SHOWN TO CREATE A SMOOTH SURFACE TO CONFORM TO.
- 3

PROTECT IN PLACE EXISTING UTILITY VAULT.
- 4

ADJUST EXISTING UTILITY TO FINAL GRADE, BY OTHERS, SEE UTILITY SHEETS FOR MORE INFORMATION
- 5

PROTECT IN PLACE EXISTING TREES.
- 6

REMOVE EXISTING TREES.
- 7

PROTECT IN PLACE EXISTING BOLLARDS. SEE UTILITY SHEETS FOR MORE INFORMATION
- 8

PROTECT IN PLACE EXISTING FIRE HYDRANT. SEE UTILITY SHEETS FOR MORE INFORMATION.
- 9

PROTECT IN PLACE EXISTING UTILITY POLE. SEE UTILITY SHEETS FOR MORE INFORMATION
- 10

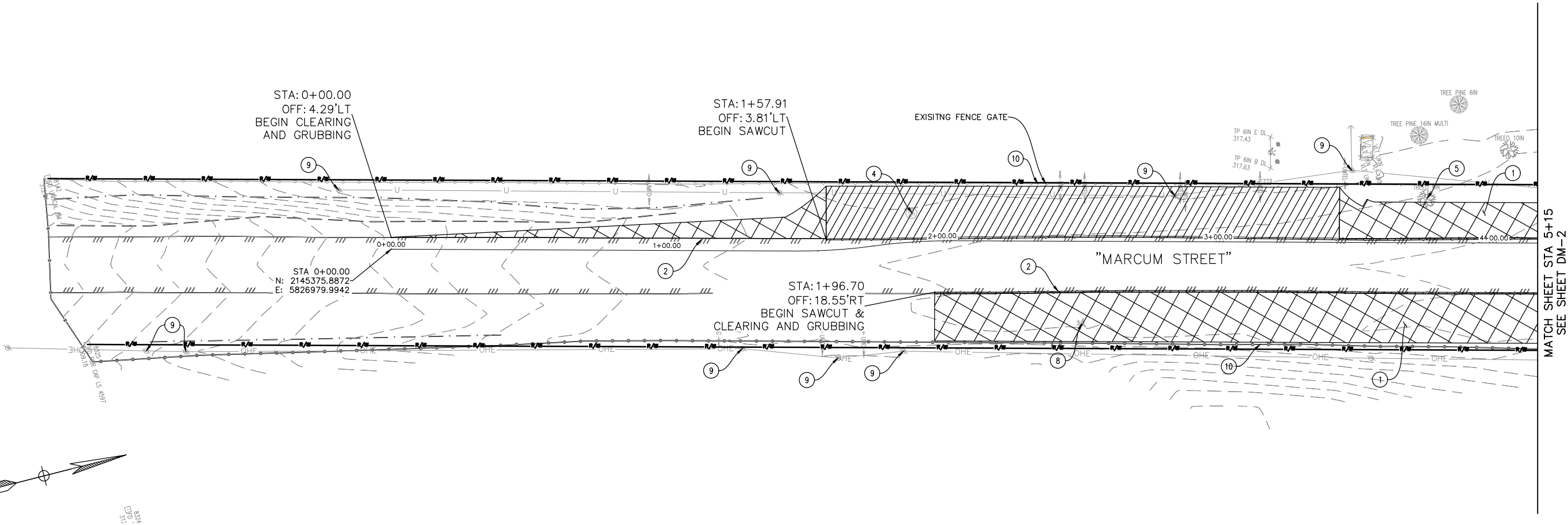
PROTECT IN PLACE EXISTING FENCE AND/OR FENCE GATE
- 11

REMOVE EXISTING LIMIT LINE AND STOP PAVEMENT MARKING.
- 12

RELOCATE EXISTING UTILITY POLE, BY OTHERS. SEE UTILITY SHEETS.

LEGEND

- CLEARING AND GRUBBING LIMITS
- REMOVE ASPHALT
- SAWCUT LINE



DEMOLITION
DM-1

CONSTRUCTION STARTED:		DESIGNED BY: PROJECT ENGINEER: ESAU BLANCO	1/27/2025	REGISTERED PROFESSIONAL ENGINEER Esau Blanco No. C62853 Exp. 06/30/26 CIVIL STATE OF CALIFORNIA	COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY: JSM	CHECKED BY: EB	SCALE 1" = 20'	PROJECT NO. 862456	MARCUM STREET IMPROVEMENTS	SHEET NO. 2 OF 18
CONSTRUCTION COMPLETED:							DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT			FILE NO.
RECORD DRAWING APPROVED BY:		04ED3D0910D64A4...	DATE								
SURVEY CHECKED BY:											
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES					20 0 10 20 40 1 INCH = 20 FEET	DISREGARD PRINTS BEARING EARLIER REVISION DATES					REVISION DATES (PRELIMINARY STAGE ONLY)

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ADJUST EXISTING UTILITY TO FINAL GRADE, BY OTHERS, SEE UTILITY SHEETS FOR MORE INFORMATION
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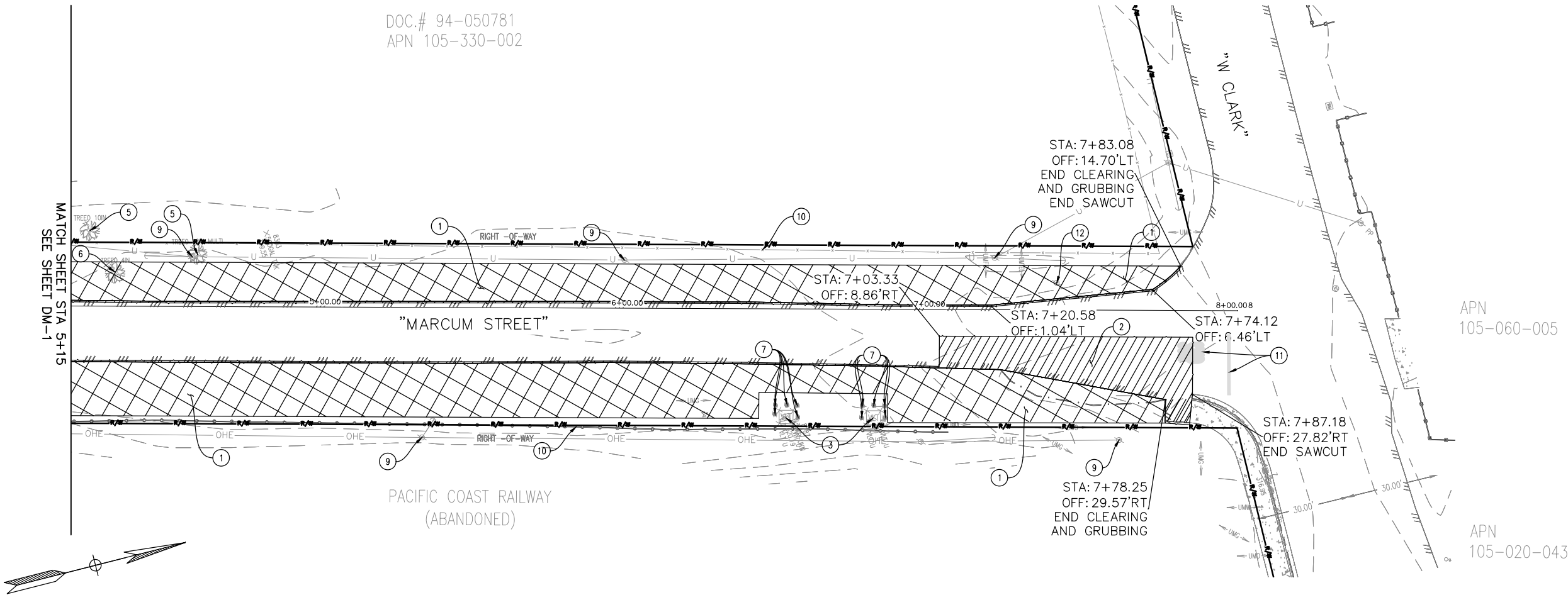
PROTECT IN PLACE EXISTING FENCE AND/OR FENCE GATE
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REMOVE EXISTING LIMIT LINE AND STOP PAVEMENT MARKING.
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RELOCATE EXISTING UTILITY POLE, BY OTHERS. SEE UTILITY SHEETS.

LEGEND

- CLEARING AND GRUBBING LIMITS
- REMOVE ASPHALT
- SAWCUT LINE



DEMOLITION
DM-2

CONSTRUCTION STARTED:		Designed by: PROJECT ENGINEER: ESAU BLANCO	1/27/2025	REGISTERED PROFESSIONAL ENGINEER Esau Blanco No. C62853 Exp. 06/30/26 CIVIL STATE OF CALIFORNIA	COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY: JSM	CHECKED BY: EB	SCALE 1" = 20'	PROJECT NO. 862456	MARCUM STREET IMPROVEMENTS	SHEET NO. 3 OF 18
CONSTRUCTION COMPLETED:							DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT			FILE NO.
RECORD DRAWING APPROVED BY:		04ED3D0910D64A...	DATE								
SURVEY CHECKED BY:											
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES						1 INCH = 20 FEET			DISREGARD PRINTS BEARING EARLIER REVISION DATES		
									REVISION DATES (PRELIMINARY STAGE ONLY)		

TYPICAL SECTION NOTES

- 1

3" OF HOT MIX ASPHALT OVER 6" CLASS 2 BASE.
- 2

CONCRETE SIDEWALK PER SBCO-PW STANDARD PLAN 4-010,4-044, 4-045, 5-010, 5-040, 5-045 AND 50050. CONFORM TO EXISTING HARDSCAPE OR FLATWORK.
- 3

PERMEABLE PATH
- 4

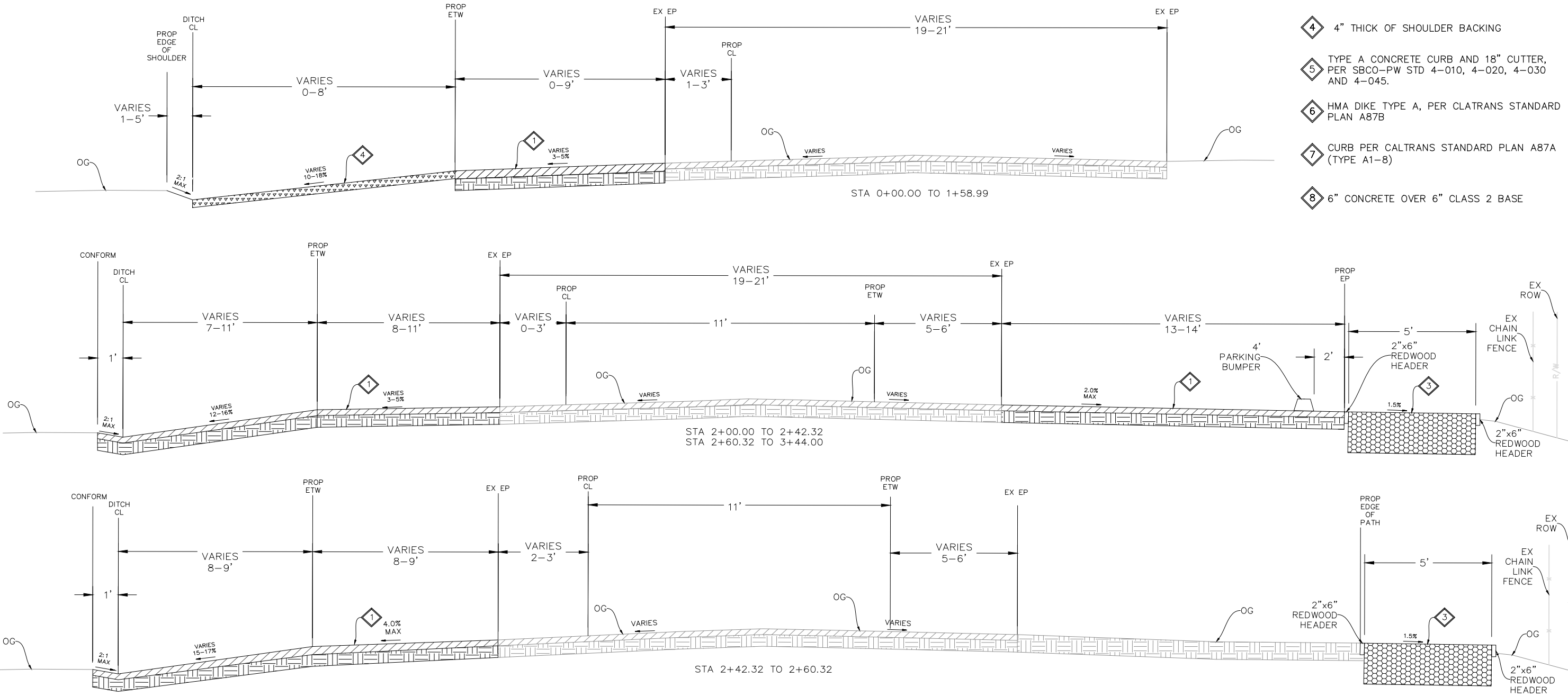
4" THICK OF SHOULDER BACKING
- 5

TYPE A CONCRETE CURB AND 18" CUTTER, PER SBCO-PW STD 4-010, 4-020, 4-030 AND 4-045.
- 6

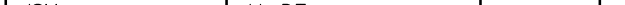
HMA DIKE TYPE A, PER CLATTRANS STANDARD PLAN A87B
- 7

CURB PER CALTRANS STANDARD PLAN A87A (TYPE A1-8)
- 8

6" CONCRETE OVER 6" CLASS 2 BASE



TYPICAL SECTION
X-1

CONSTRUCTION STARTED:		DocuSigned by: PROJECT ENGINEER: <i>ESAU BLANCO</i> 1/27/2025 DATE REGISTERED PROFESSIONAL ENGINEER Esau Blanco No. C62853 Exp. 06/30/26 CIVIL STATE OF CALIFORNIA	COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY: JSM	CHECKED BY: EB	SCALE	PROJECT NO.	MARCUM STREET IMPROVEMENTS	SHEET NO. 4 OF 18		
CONSTRUCTION COMPLETED:				DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT	NTS	862456		FILE NO.		
RECORD DRAWING APPROVED BY:											
SURVEY CHECKED BY:											
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES						DISREGARD PRINTS BEARING EARLIER REVISION DATES				REVISION DATES (PRELIMINARY STAGE ONLY)	

NOTE:
INSTALL REDWOOD HEADER ON TOP OF EACH OTHER WHERE ORIGINAL GROUND IS BELOW FINISHED SURFACE ELEVATION.

TYPICAL SECTION NOTES

- 1

3" OF HOT MIX ASPHALT OVER 6" CLASS 2 BASE.
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CONCRETE SIDEWALK PER SBCO-PW STANDARD PLAN 4-010,4-044, 4-045, 5-010, 5-040, 5-045 AND 50050. CONFORM TO EXISTING HARDSCAPE OR FLATWORK.
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PERMEABLE PATH
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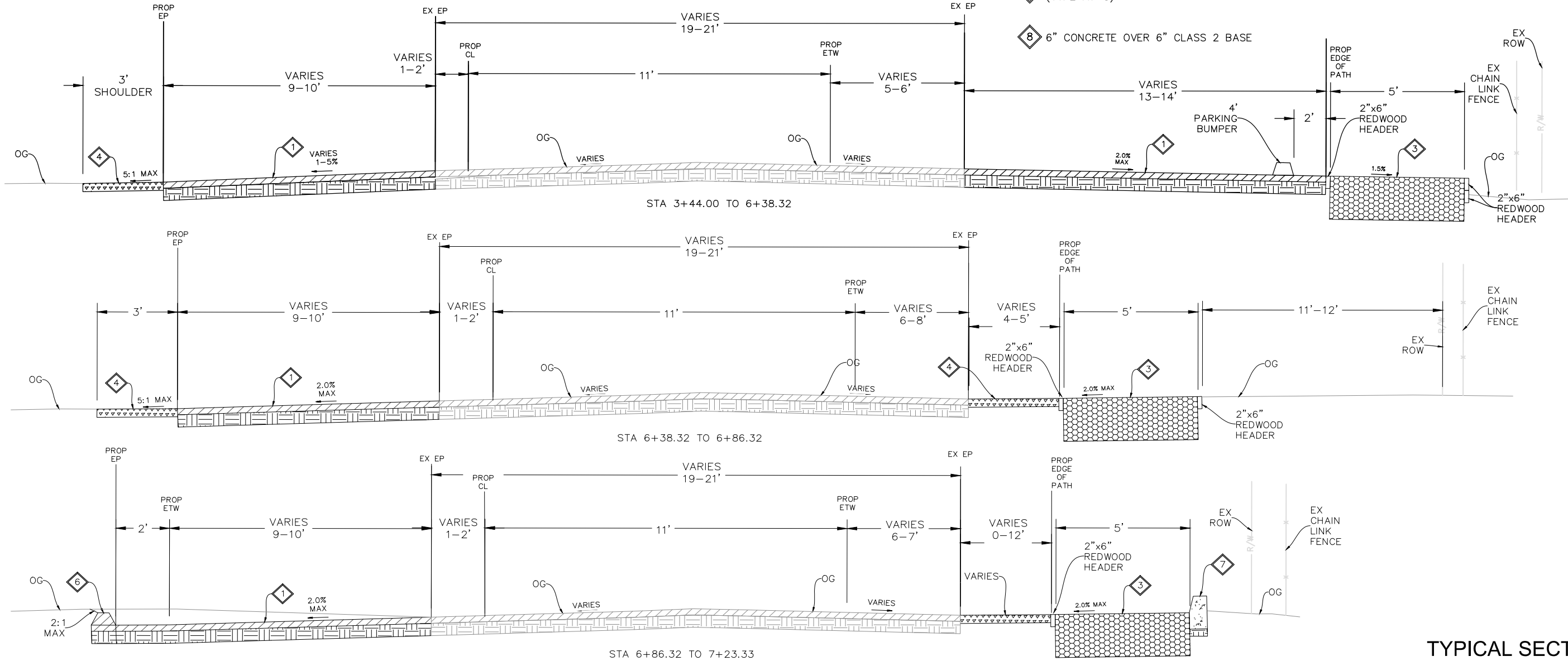
4" THICK OF SHOULDER BACKING
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- 6

HMA DIKE TYPE A, PER CLATTRANS STANDARD PLAN A87B
- 7

CURB PER CALTRANS STANDARD PLAN A87A (TYPE A1-8)
- 8

6" CONCRETE OVER 6" CLASS 2 BASE



TYPICAL SECTION
X-2

CONSTRUCTION STARTED:		DocuSigned by: PROJECT ENGINEER: ESAU BLANCO 04ED3D0910D64A...	1/27/2025		REGISTERED PROFESSIONAL ENGINEER Esau Blanco No. C62853 Exp. 06/30/26 CIVIL STATE OF CALIFORNIA	COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION			DESIGN BY: JSM	CHECKED BY: EB	SCALE	PROJECT NO.	MARCUM STREET IMPROVEMENTS		SHEET NO. 5 OF 18				
CONSTRUCTION COMPLETED:			DATE						DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT	NTS	862456			FILE NO.				
RECORD DRAWING APPROVED BY:																			
SURVEY CHECKED BY:																			
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES					20 0 10 20 40 1 INCH = 20 FEET					DISREGARD PRINTS BEARING EARLIER REVISION DATES					REVISION DATES (PRELIMINARY STAGE ONLY)				

TYPICAL SECTION NOTES

- 1

3" OF HOT MIX ASPHALT OVER 6" CLASS 2 BASE.
- 2

CONCRETE SIDEWALK PER SBCO-PW STANDARD PLAN 4-010,4-044, 4-045, 5-010, 5-040, 5-045 AND 50050. CONFORM TO EXISTING HARDSCAPE OR FLATWORK.
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PERMEABLE PATH
- 4

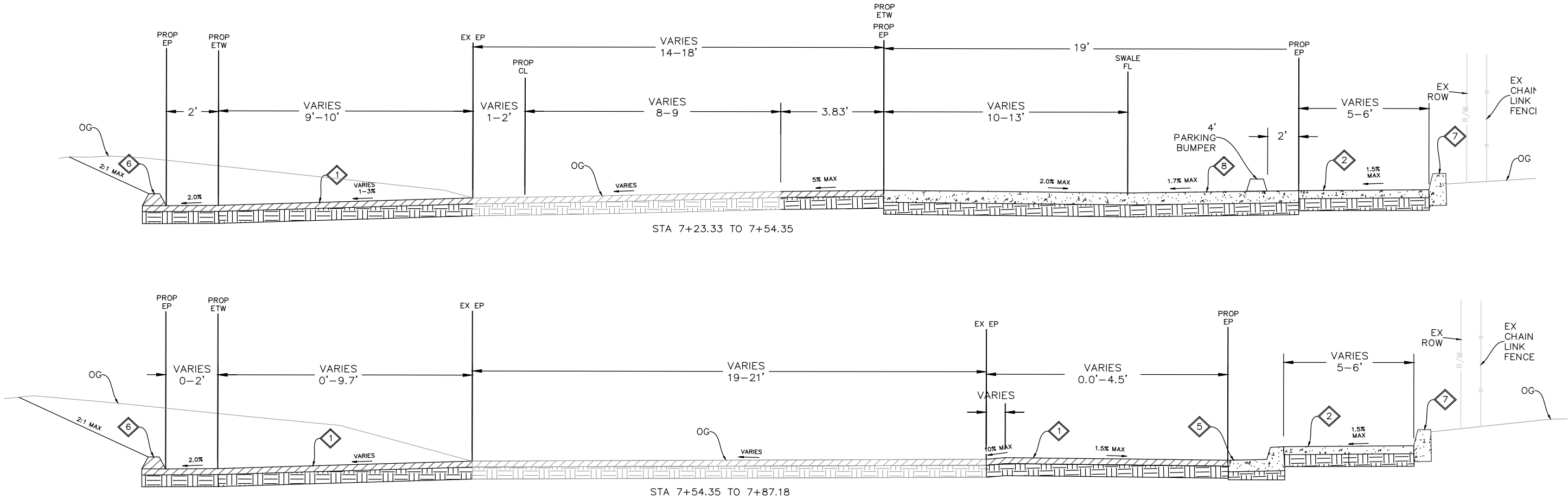
4" THICK OF SHOULDER BACKING
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TYPE A CONCRETE CURB AND 18" CUTTER, PER SBCO-PW STD 4-010, 4-020, 4-030 AND 4-045.
- 6

HMA DIKE TYPE A, PER CLATTRANS STANDARD PLAN A87B
- 7

CURB PER CALTRANS STANDARD PLAN A87A (TYPE A1-8)
- 8

6" CONCRETE OVER 6" CLASS 2 BASE



TYPICAL SECTION
X-3

CONSTRUCTION STARTED:		Designed by: Esau Blanco No. C62853 Exp. 06/30/26 CIVIL 04ED3D0910D64A4...	1/27/2025	DATE		COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY:	CHECKED BY:	SCALE	PROJECT NO.	MARCUM STREET IMPROVEMENTS	SHEET NO.		
CONSTRUCTION COMPLETED:							JSM	EB	NTS	862456		6 OF 18		
RECORD DRAWING APPROVED BY:							DRAWN BY:	CONSTRUCTABILITY REVIEW BY:				FILE NO.		
SURVEY CHECKED BY:							JSM	JJ, DT						
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES								20 0 10 20 40 1 INCH = 20 FEET		DISREGARD PRINTS BEARING EARLIER REVISION DATES			REVISION DATES (PRELIMINARY STAGE ONLY)	

CONSTRUCTION NOTES

- 1

3” OF HOT MIX ASPHALT OVER 6” CLASS 2 BASE.
- 2

PERMEABLE PATH
- 3

CONCRETE SIDEWALK PER SBCO–PW STANDARD PLAN 4–010, 4–044, 5–010, 5–040, 5–045, AND 5–050.
- 4

4” SHOULDER BACKING
- 5

LIMIT LINE PER CALTRANS STANDARD PLAN A24G (12” SOLID LINE)
- 6

”STOP” PER CALTRANS STANDARD PLAN A24D
- 7

ADA ACCESSIBLE DOUBLE PARKING STALL PER CALTRANS STANDARD PLAN A90A
- 8

REDWOOD HEADER
- 9

90° PARKING STALLS (4” WHITE LINE)
- 10

PROTECT IN PLACE EXISTING FIRE HYDRANT
- 11

PROTECT IN PLACE EXISTING UTILITY
- 12

PROTECT IN PLACE EXISTING TREE
- 13

PROTECT IN PLACE EXISTING FENCE
- 14

EXISTING TREE TO BE REMOVED, SEE CONSTRUCTION DETAILS FOR ADDITIONAL DETAILS.
- 15

EXISTING UTILITY TO BE RESET, SEE UTILITY SHEETS FOR ADDITIONAL DETAILS.
- 16

4’ PARKING BUMPER PER CALTRANS STD PLAN A90A.
- 17

EXISTING UTILITY TO BE RESET BY OTHERS. SEE UTILITY SHEETS.
- 18

RIGHT EDGE LINE PER CALTRANS STANDARD PLAN A20B DETAIL 27B (6” SOLID LINE)
- 19

6” CONCRETE OVER 6” CLASS 2 BASE.

- 20

TYPE A CONCRETE CURB AND 18” GUTTER PER SBCO–PW STD 4–010, 4–020, 4–030, AND 4–045.
- 21

HMA DIKE TYPE A, PER CALTRANS 2023 STANDARD PLAN A87B
- 22

CURB PER CALTRANS STANDARD PLAN A87A (TYPE A1–8)
- 23

ISA PARKING SIGN R99C (CA) PER CALTRANS STANDARD PLAN A90A
- 24

OBJECT MARKER TYPE N–1 (CA) PER CA MUTCD STANDARDS
- 25

OBJECT MARKER TYPE L–1 (CA) PER CA MUTCD STANDARDS

LEGEND

- HOT MIX ASPHALT
- CONCRETE
- PERMEABLE PATH
- SHOULDER BACKING

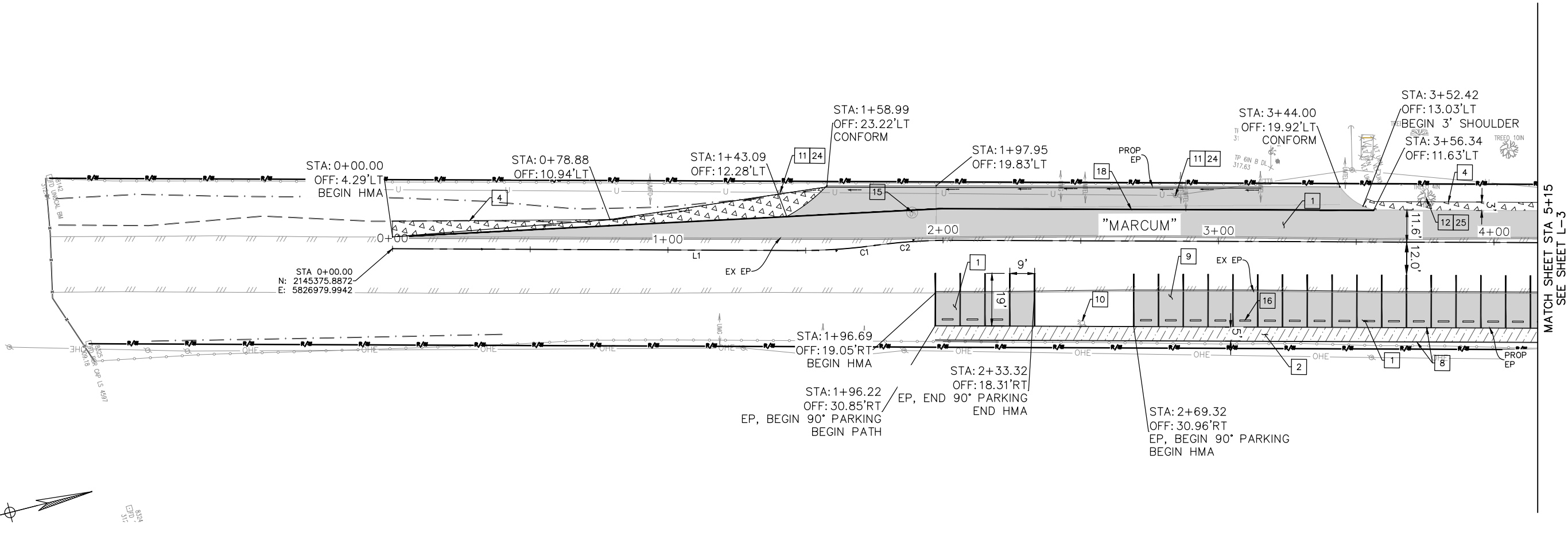
Marcum St Control Points				
Point #	Elevation	Northing	Easting	Description
1	363.01	2146066.44	5829567.54	SET CP X IN TC
4	332.96	2146118.79	5828083.15	SET CP X IN TC
11	327.08	2146131.23	5827699.84	SET CP X IN TC
12	314.86	2146193.95	5826977.68	SET CP X IN TC
8142	312.64	2145263.01	5826921.58	FD UNOCAL BM
8325	309.18	2145260.55	5826983.49	FD RBR CAP LS 4597
8326	328.43	2145813.56	5827629.60	FD MON CPS TAG LS9209

MARCUM ST CL			
Line #/Curve #	Length	Bearing/Delta	Radius
L1	147.01	S15° 54’ 26.59”W	
C1	28.20	8.08	200.00
C2	28.11	8.05	200.00
L4	598.66	S15° 52’ 54.63”W	

CONTROL POINTS NOTE:
1. CONTROL POINTS MAY BE LOCATED OUTSIDE THE DESIGNATED PROJECT LIMITS. REFER TO PROJECT TOPOGRAPHIC SURVEY (TASK ORDER #8) PREPARED BY DPSI DATED 2–21–2024.

LAYOUT
L-1

CONSTRUCTION STARTED:		DESIGNED BY ESAU BLANCO 04ED3D0910D64A4... REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA CIVIL	COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION		DESIGN BY: JSM	CHECKED BY: EB	SCALE 1"= 20'	PROJECT NO. 862456	MARCUM STREET IMPROVEMENTS		SHEET NO. 7 OF 18
CONSTRUCTION COMPLETED:					DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT					FILE NO.
RECORD DRAWING APPROVED BY:			DATE 1/27/2025								
SURVEY CHECKED BY:											
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES					20 0 10 20 40 1 INCH = 20 FEET		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		



LAYOUT
L-2

CONSTRUCTION STARTED:		DESIGNED BY: ESAU BLANCO 1/27/2025 DATE	REGISTERED PROFESSIONAL ENGINEER ESAU BLANCO No. C62853 Exp. 06/30/26 CIVIL STATE OF CALIFORNIA	COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY: JSM	CHECKED BY: EB	SCALE	PROJECT NO.	MARCUM STREET IMPROVEMENTS	SHEET NO. 8 OF 18
CONSTRUCTION COMPLETED:					DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT	1" = 20'	862456		FILE NO.
RECORD DRAWING APPROVED BY:										
SURVEY CHECKED BY:										
				FOR REDUCED PLANS ORIGINAL SCALE IN INCHES	20 0 10 20 40 1 INCH = 20 FEET		DISREGARD PRINTS BEARING EARLIER REVISION DATES →		REVISION DATES (PRELIMINARY STAGE ONLY)	

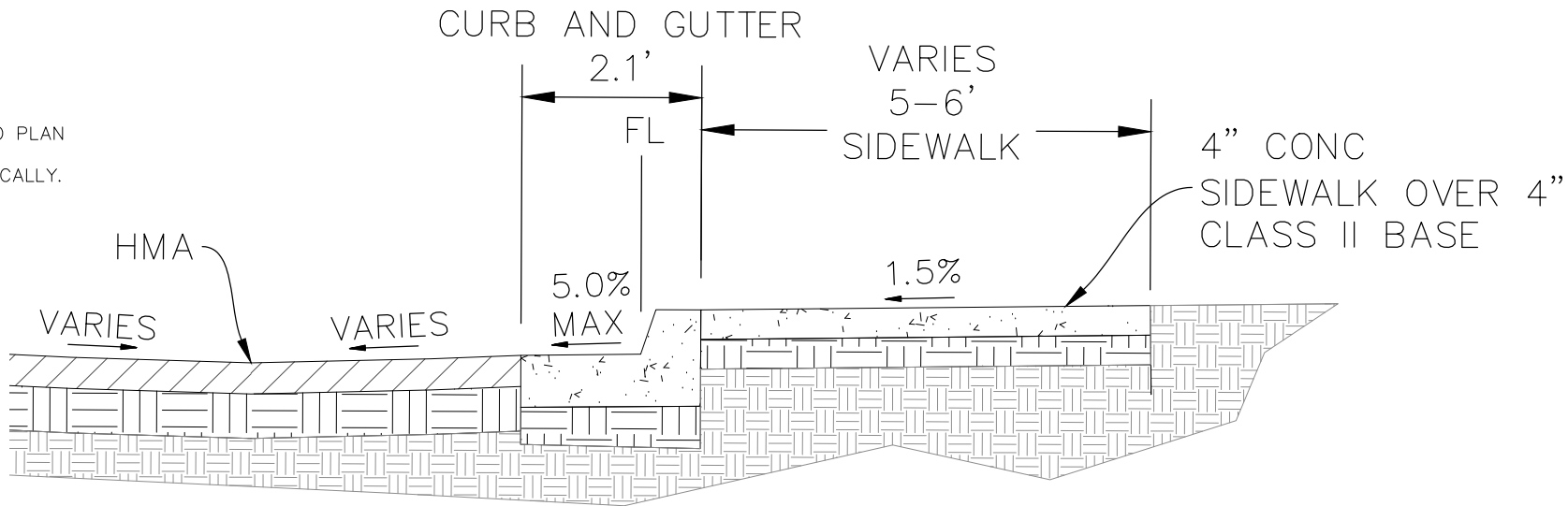


1. SLOPE ENDS OF DIKE DOWN TO STREET GRADE OVER MINIMUM LENGTH OF 2'.



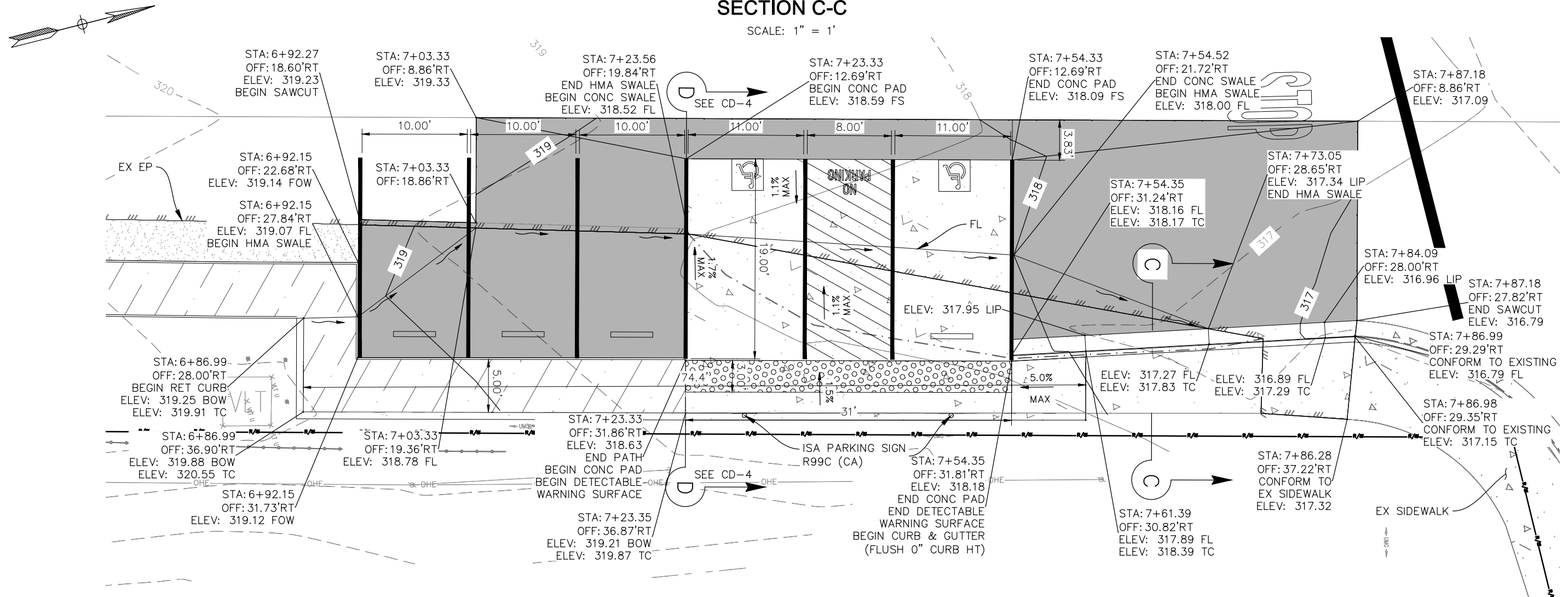
CONSTRUCTION STARTED:		Signed by: PROJECT ENGINEER: 	1/27/2025 DATE		COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY: JSM	CHECKED BY: EB	SCALE 1" = 20'	PROJECT NO. 862456	MARCUM STREET IMPROVEMENTS	SHEET NO. 9 OF 18 FILE NO.
CONSTRUCTION COMPLETED:											
RECORD DRAWING APPROVED BY:		04ED3D0910D64A...									
SURVEY CHECKED BY:					FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 20 0 10 20 40 1 INCH = 20 FEET	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)				

NOTE:
CONSTRUCT CONCRETE SIDEWALK PER SBCO-PW STANDARD PLAN
4-045, 5-010, 5-040, 5-045, AND 5-050.
SIDEWALK AND CURB & GUTTER TO BE POURED MONOLITHICALLY.



SECTION C-C

SCALE: 1" = 1'



ADA PARKING/ SIDEWALK

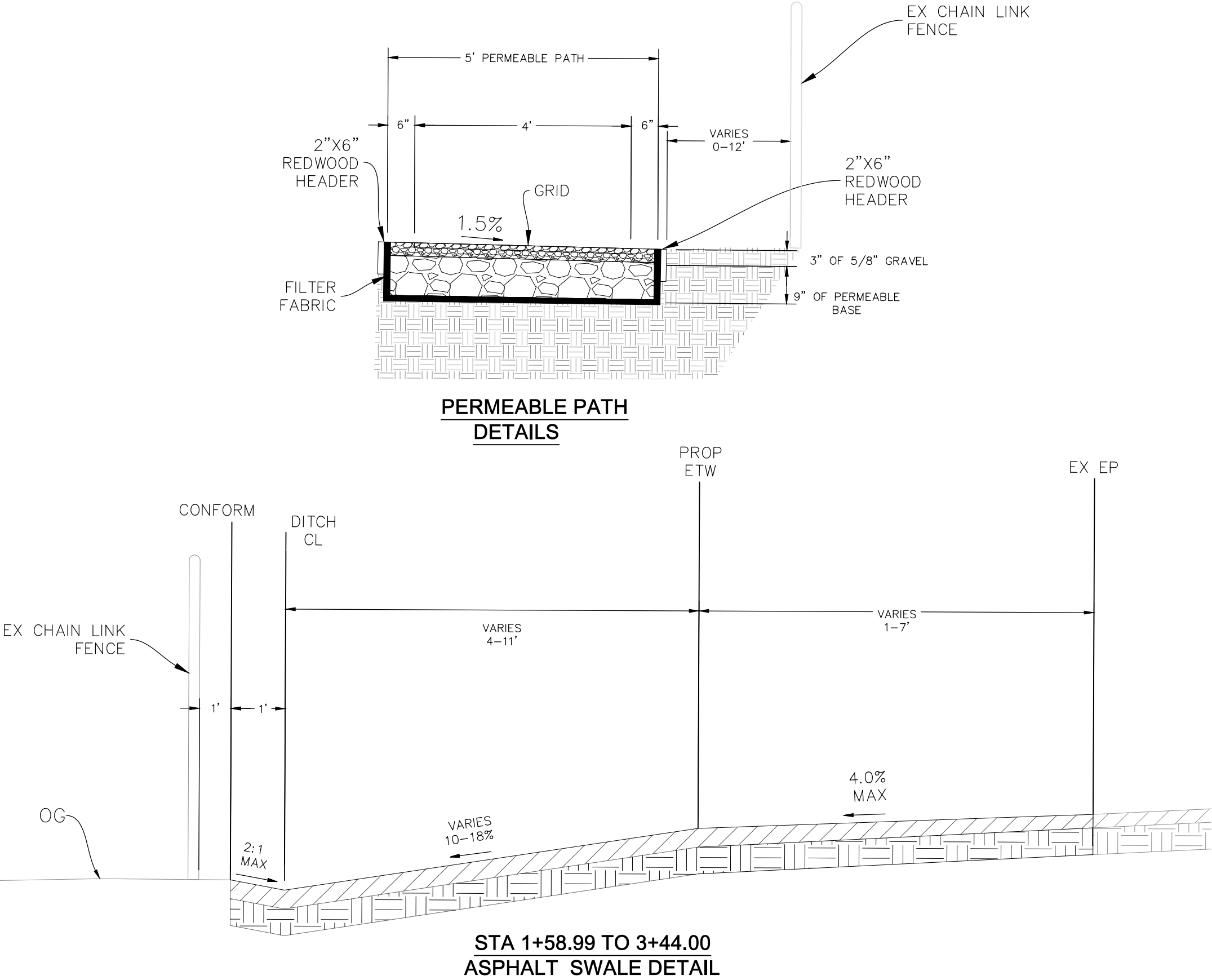
SCALE: 1" = 5'

CONSTRUCTION

DETAIL

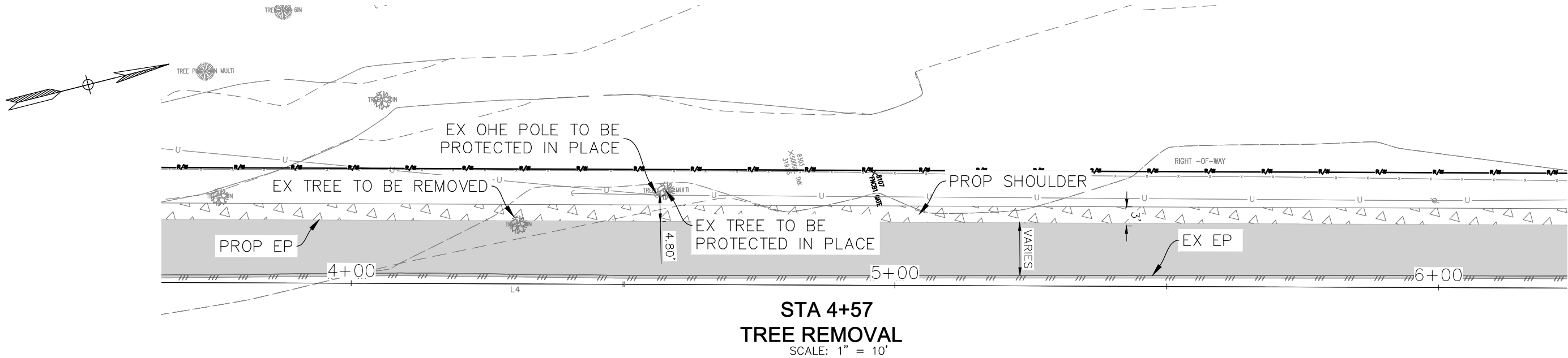
CD-1

CONSTRUCTION STARTED:		DESIGNED BY: Esau Blanco No. C62853 Exp. 06/30/26 CIVIL	1/27/2025	DATE	FOR REDUCED PLANS ORIGINAL SCALE IN INCHES	20 0 10 20 40 1 INCH = 20 FEET	DESIGN BY: JSM	CHECKED BY: EB	SCALE AS SHOWN	PROJECT NO. 862456	MARCUM STREET IMPROVEMENTS	SHEET NO. 10 OF 18 FILE NO.
CONSTRUCTION COMPLETED:							DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT				
RECORD DRAWING APPROVED BY:												
SURVEY CHECKED BY:												
DISREGARD PRINTS BEARING EARLIER REVISION DATES												REVISION DATES (PRELIMINARY STAGE ONLY)

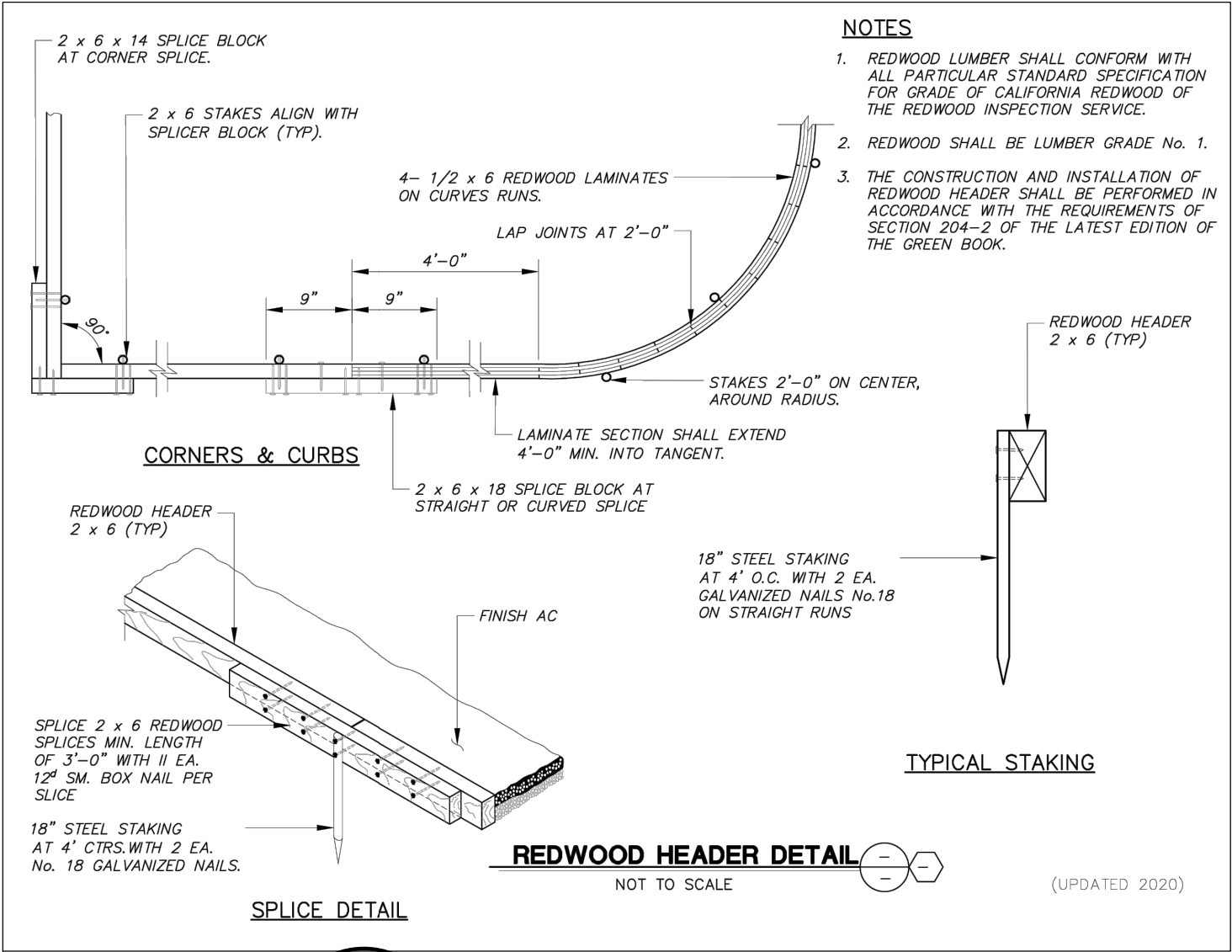


CONSTRUCTION
DETAIL
CD-2

CONSTRUCTION STARTED:		DESIGNED BY:	1/27/2025		COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY:	CHECKED BY:	SCALE	PROJECT NO.	MARCUM STREET IMPROVEMENTS	SHEET NO.
CONSTRUCTION COMPLETED:		ESAU BLANCO				JSM	EB	1"=1"	862456		11 OF 18
RECORD DRAWING APPROVED BY:			DATE			DRAWN BY:	CONSTRUCTABILITY REVIEW BY:				FILE NO.
SURVEY CHECKED BY:						JSM	JJ, DT				
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES						1 INCH = 20 FEET		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	



STA 4+57
TREE REMOVAL
SCALE: 1" = 10'



CONSTRUCTION
DETAIL
CD-3

CONSTRUCTION STARTED:		DESIGNED BY:		1/27/2025			COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY:		CHECKED BY:		SCALE		PROJECT NO.		MARCUM STREET IMPROVEMENTS				SHEET NO.																									
CONSTRUCTION COMPLETED:		ESAU BLANCO		DATE				JSM		EB		AS SHOWN		862456				12 OF 18		FILE NO.																									
RECORD DRAWING APPROVED BY:								04ED3D0910D64A4		JSM		CONSTRUCTABILITY REVIEW BY:		JJ, DT																															
SURVEY CHECKED BY:																																													
						FOR REDUCED PLANS ORIGINAL SCALE IN INCHES														 1 INCH = 20 FEET														DISREGARD PRINTS BEARING EARLIER REVISION DATES						REVISION DATES (PRELIMINARY STAGE ONLY)					



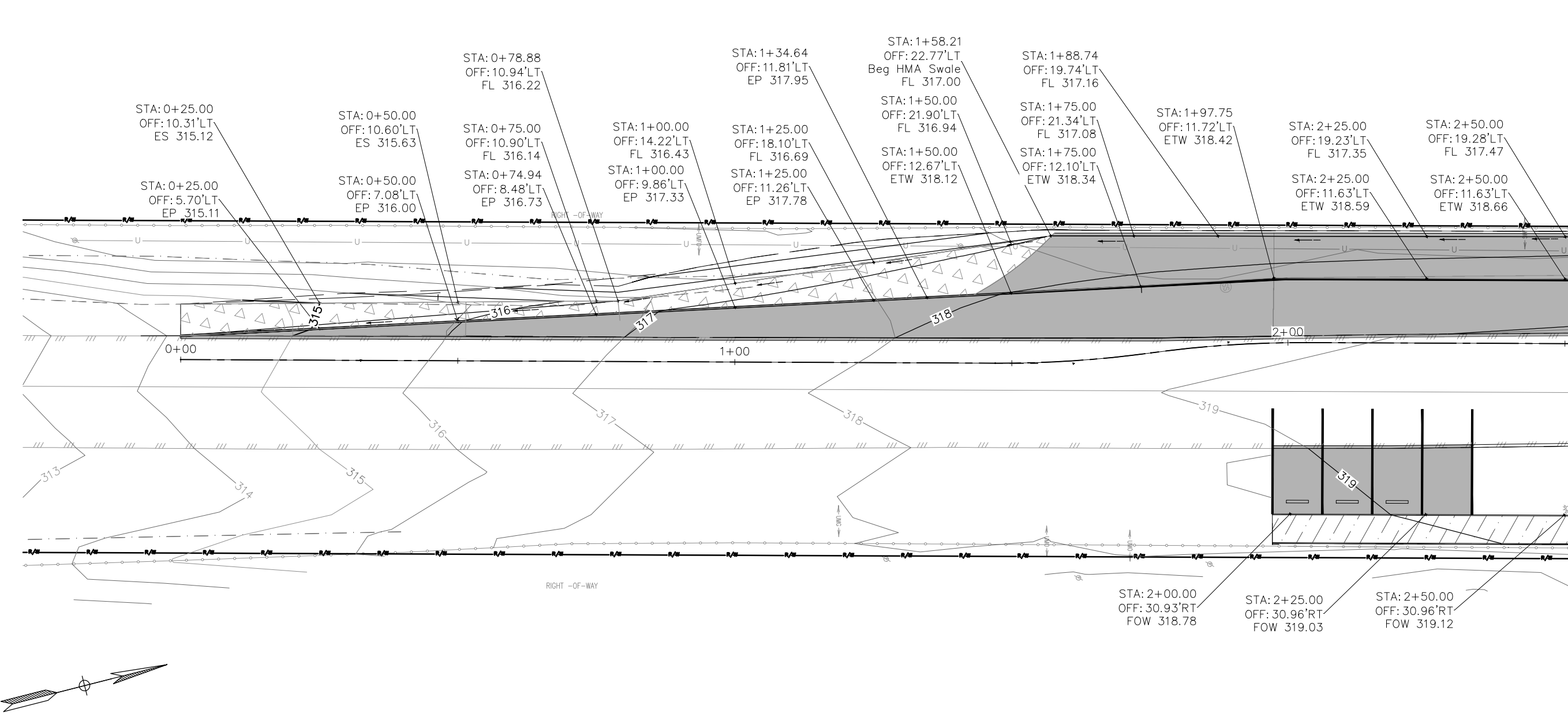
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CONSTRUCTION COMPLETED:			1/27/2025 DATE		DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT				FILE NO.	
RECORD DRAWING APPROVED BY:			04ED3D0910D64A...								
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NOTE:

1. REFER TO THE LAYOUT SHEET FOR ALIGNMENT INFORMATION.

ABBREVIATIONS:

FOW FACE OF WALK
BOW BACK OF WALK



GRADING AND DRAINAGE
D-1

CONSTRUCTION STARTED:		DESIGNED BY: ESAU BLANCO 04ED3D0910D64A4...	DATE 1/27/2025	DESIGNED BY: Esau Blanco No. C62853 Exp. 06/30/26 CIVIL	COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY: JSM	CHECKED BY: EB	SCALE	PROJECT NO.	MARCUM STREET IMPROVEMENTS	SHEET NO. 14 OF 18	
CONSTRUCTION COMPLETED:						DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT	1" = 10'	862456		FILE NO.	
RECORD DRAWING APPROVED BY:												
SURVEY CHECKED BY:									DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 20 0 10 20 40 1 INCH = 20 FEET												

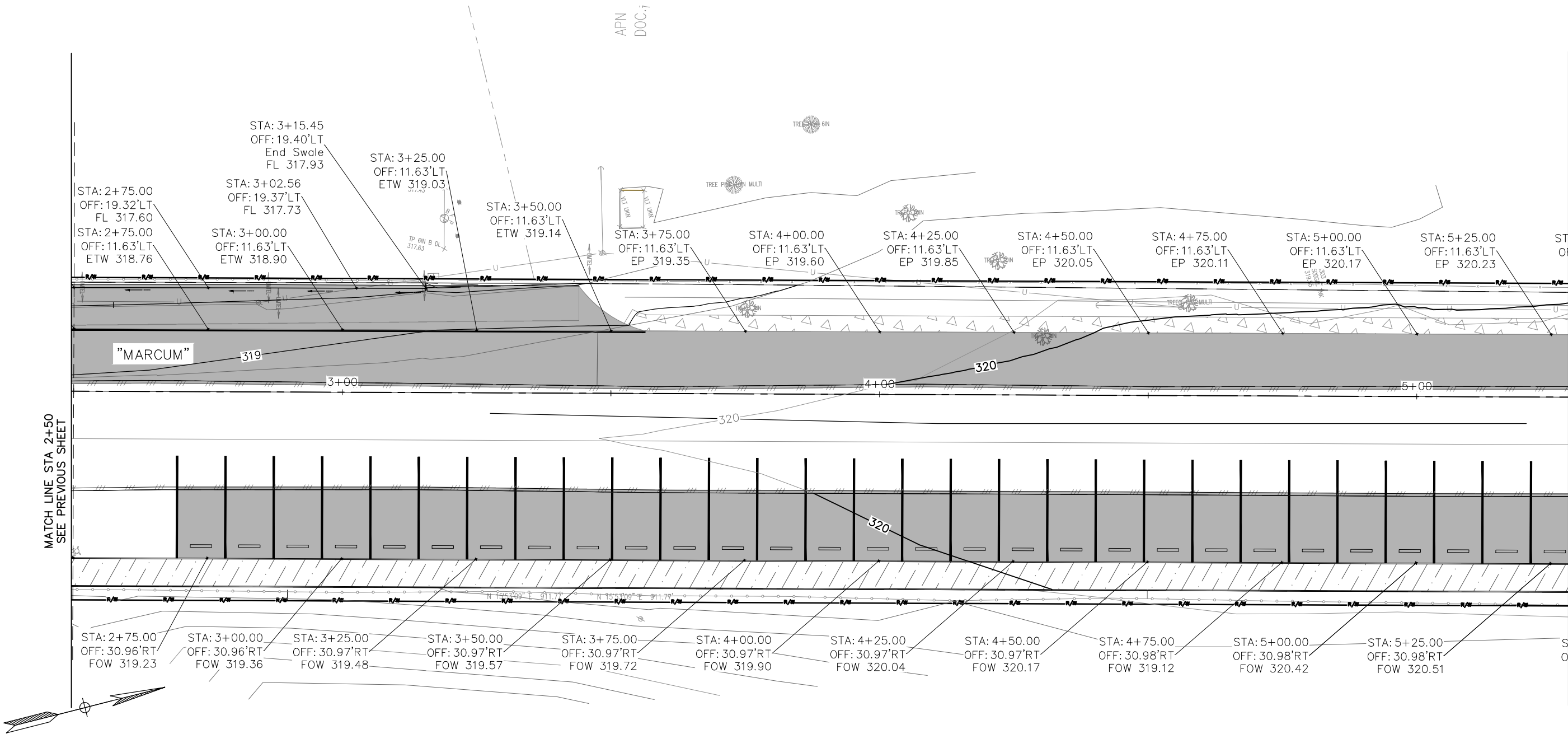


NOTE:

1. REFER TO THE LAYOUT SHEET FOR ALIGNMENT INFORMATION.

ABBREVIATIONS:

FOW FACE OF WALK
BOW BACK OF WALK



GRADING AND DRAINAGE
D-2

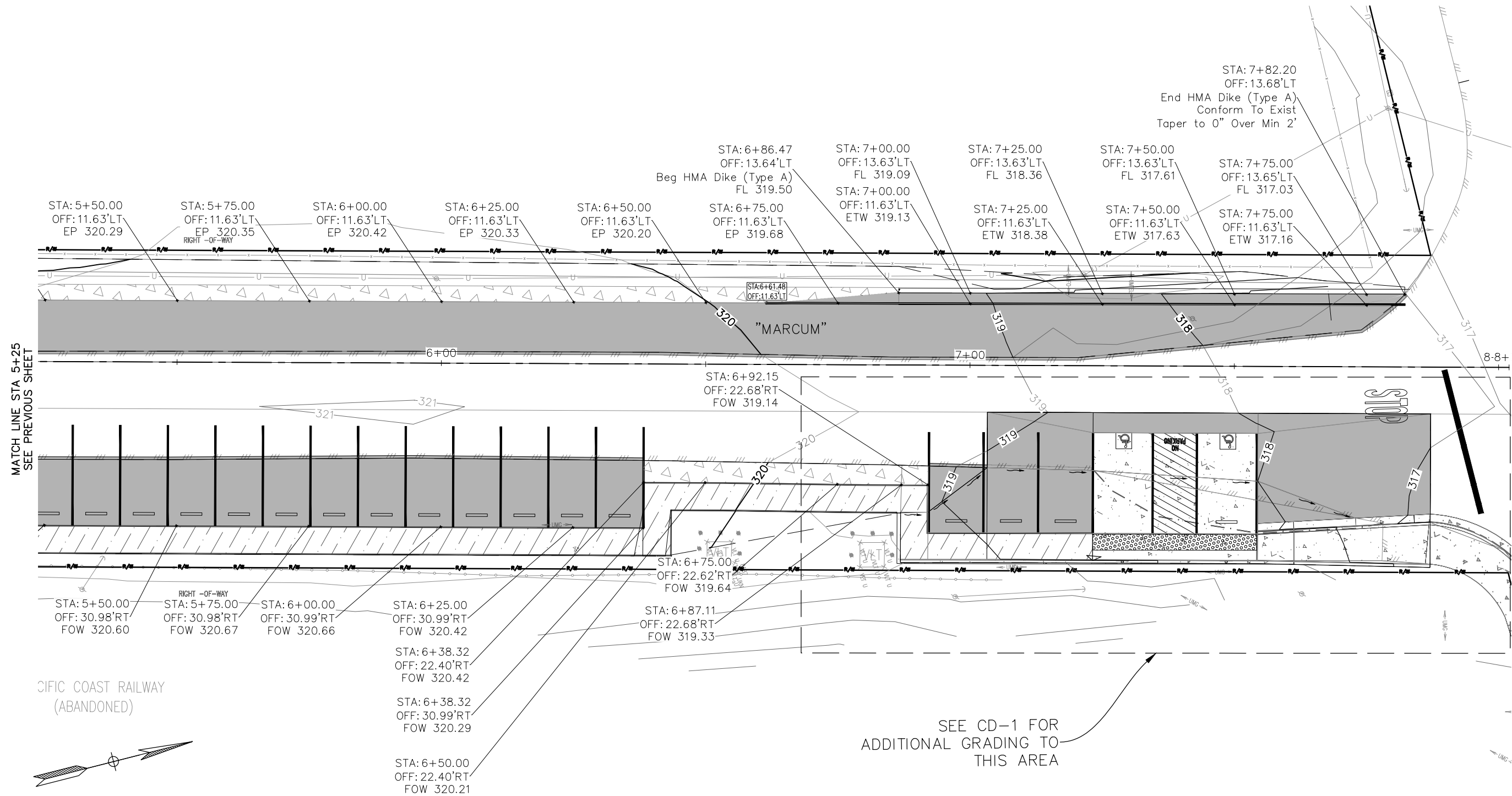
CONSTRUCTION STARTED:		DESIGNED BY: ESAU BLANCO	1/27/2024		COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY: JSM	CHECKED BY: EB	SCALE 1" = 10'	PROJECT NO. 862456	MARCUM STREET IMPROVEMENTS	SHEET NO. 15 OF 18
CONSTRUCTION COMPLETED:		RECORD DRAWING APPROVED BY: 04ED3D0910D64A4...	DATE			DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JU, DT	FILE NO.			
SURVEY CHECKED BY:						DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)			

NOTE:

1. REFER TO THE LAYOUT SHEET FOR ALIGNMENT INFORMATION.

ABBREVIATIONS:

FOW FACE OF WALK
BOW BACK OF WALK



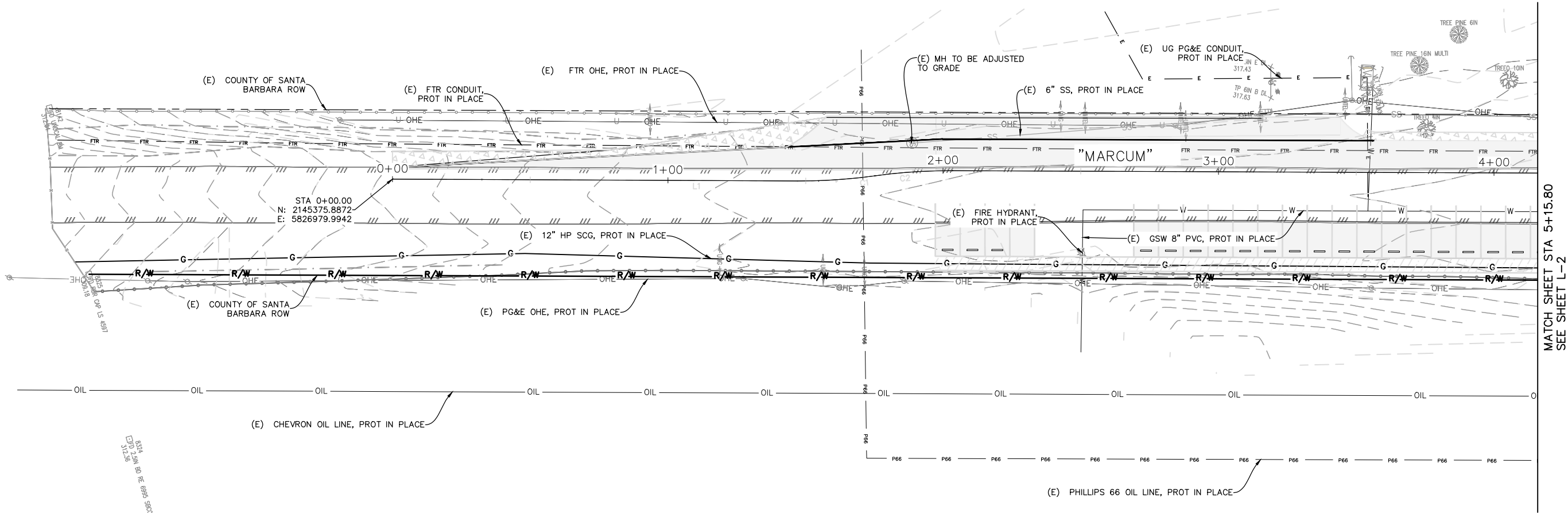
GRADING AND DRAINAGE
D-3

CONSTRUCTION STARTED:		DESIGNED BY:			COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY:	CHECKED BY:	SCALE	PROJECT NO.	MARCUM STREET IMPROVEMENTS	SHEET NO.				
CONSTRUCTION COMPLETED:		ESAU BLANCO				1/27/2025	JSM	EB	1" = 10'		862456	16 OF 18			
RECORD DRAWING APPROVED BY:		04ED3D0910D64A4...				DATE	DRAWN BY:	CONSTRUCTABILITY REVIEW BY:				FILE NO.			
							JSM	JJ, DT							
SURVEY CHECKED BY:					FOR REDUCED PLANS ORIGINAL SCALE IN INCHES					1" = 20 FEET		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	

LEGEND		
	E	PG&E UNDERGROUND (PACIFIC GAS AND ELECTRIC)
	FTR	FTR (FRONTIER COMMUNICATIONS)
	W	GSW (GOLDEN STATE WATER)
		LCSD (LAGUNA COUNTY SANITATION DISTRICT)
	OHE	PG&E OVERHEAD LINE (PACIFIC GAS AND ELECTRIC)
	G	SCG (SOUTHERN CALIFORNIA GAS - 12" HIGH PRESSURE TRANSMISSION)
	OIL	CHEVRON OIL PIPELINE
	P66	PHILLIPS 66 OIL PIPELINE

	DATA COLLECTOR UNIT (SOUTHERN CALIIFORNIA GAS)
	POWER POLE
	UTILITY POLE
	ELECTRICAL VAULT BOX
	GSW (GOLDEN STATE WATER) FIRE HYRDANT
	LCSD (LAGUNA COUNTY SANITATION DISTRICT) MANHOLE

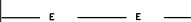
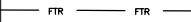
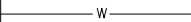
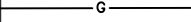
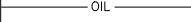
ABBREVIATIONS	
(E)	EXISTING
MH	MANHOLE
HP	HIGH PRESSURE
PROT	PROTECT



MATCH SHEET STA 5+15.80
SEE SHEET L-2

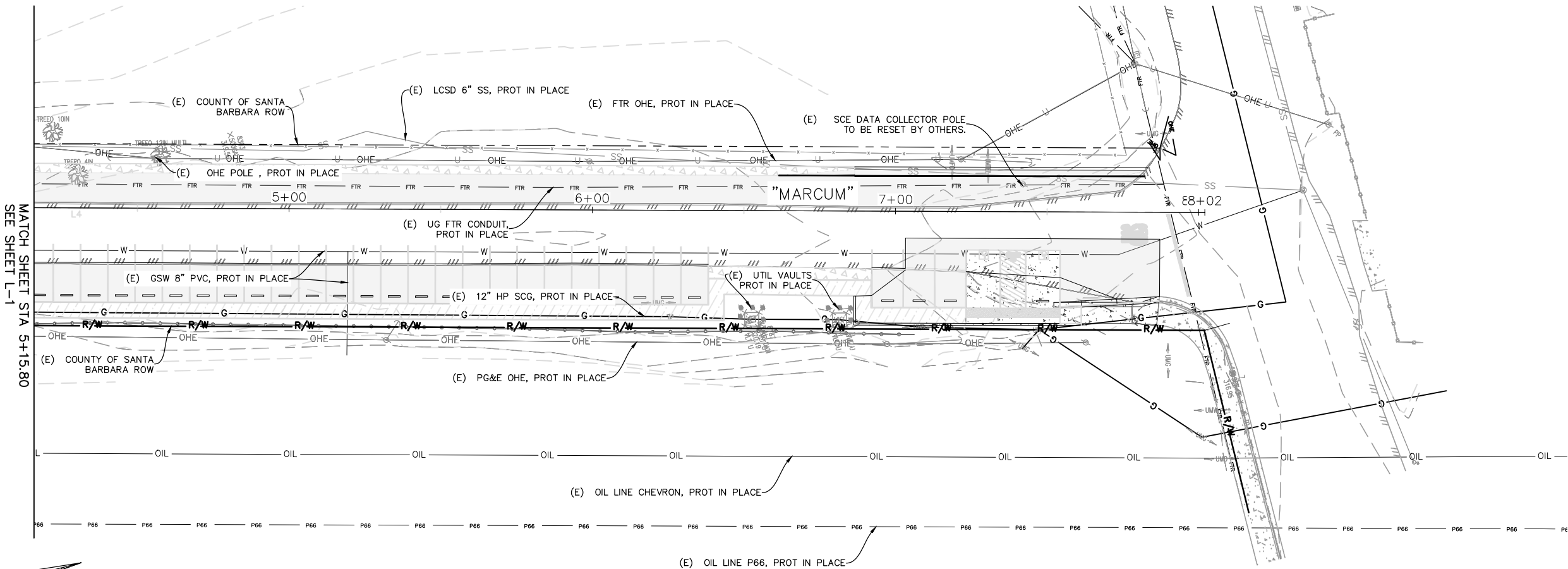
UTILITY PLAN
U-1

CONSTRUCTION STARTED:		DESIGNED BY: PROJECT ENGINEER: ESAU BLANCO	1/27/2025		COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY: JSM	CHECKED BY: EB	SCALE 1" = 20'	PROJECT NO. 862456	MARCUM STREET IMPROVEMENTS	SHEET NO. 17 OF 18	
CONSTRUCTION COMPLETED:		RECORD DRAWING APPROVED BY:	DATE			DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT				FILE NO.	
SURVEY CHECKED BY:												
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES												
DISREGARD PRINTS BEARING EARLIER REVISION DATES										REVISION DATES (PRELIMINARY STAGE ONLY)		

LEGEND		
	E	PG&E UNDERGROUND (PACIFIC GAS AND ELECTRIC)
	FTR	FTR (FRONTIER COMMUNICATIONS)
	W	GSW (GOLDEN STATE WATER)
	G	LCSD (LAGUNA COUNTY SANITATION DISTRICT)
	OHE	PG&E OVERHEAD LINE (PACIFIC GAS AND ELECTRIC)
	G	SCG (SOUTHERN CALIFORNIA GAS - 12" HIGH PRESSURE TRANSMISSION)
	OIL	CHEVRON OIL PIPELINE
	P66	PHILLIPS 66 OIL PIPELINE

	DATA COLLECTOR UNIT (SOUTHERN CALIFORNIA GAS)
	POWER POLE
	UTILITY POLE
	ELECTRICAL VAULT BOX
	GSW (GOLDEN STATE WATER) FIRE HYDRANT
	LCSD (LAGUNA COUNTY SANITATION DISTRICT) MANHOLE

ABBREVIATIONS	
(E)	EXISTING
MH	MANHOLE
HP	HIGH PRESSURE
PROT	PROTECT



UTILITY PLAN
U-2

CONSTRUCTION STARTED:		DESIGNED BY: ESAU BLANCO	1/27/2025		COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS TRANSPORTATION DIVISION	DESIGN BY: JSM	CHECKED BY: EB	SCALE 1" = 20'	PROJECT NO. 862456	MARCUM STREET IMPROVEMENTS	SHEET NO. 18 OF 18	
CONSTRUCTION COMPLETED:							DRAWN BY: JSM	CONSTRUCTABILITY REVIEW BY: JJ, DT				FILE NO.
RECORD DRAWING APPROVED BY:												
SURVEY CHECKED BY:												
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES						1 INCH = 20 FEET		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		