

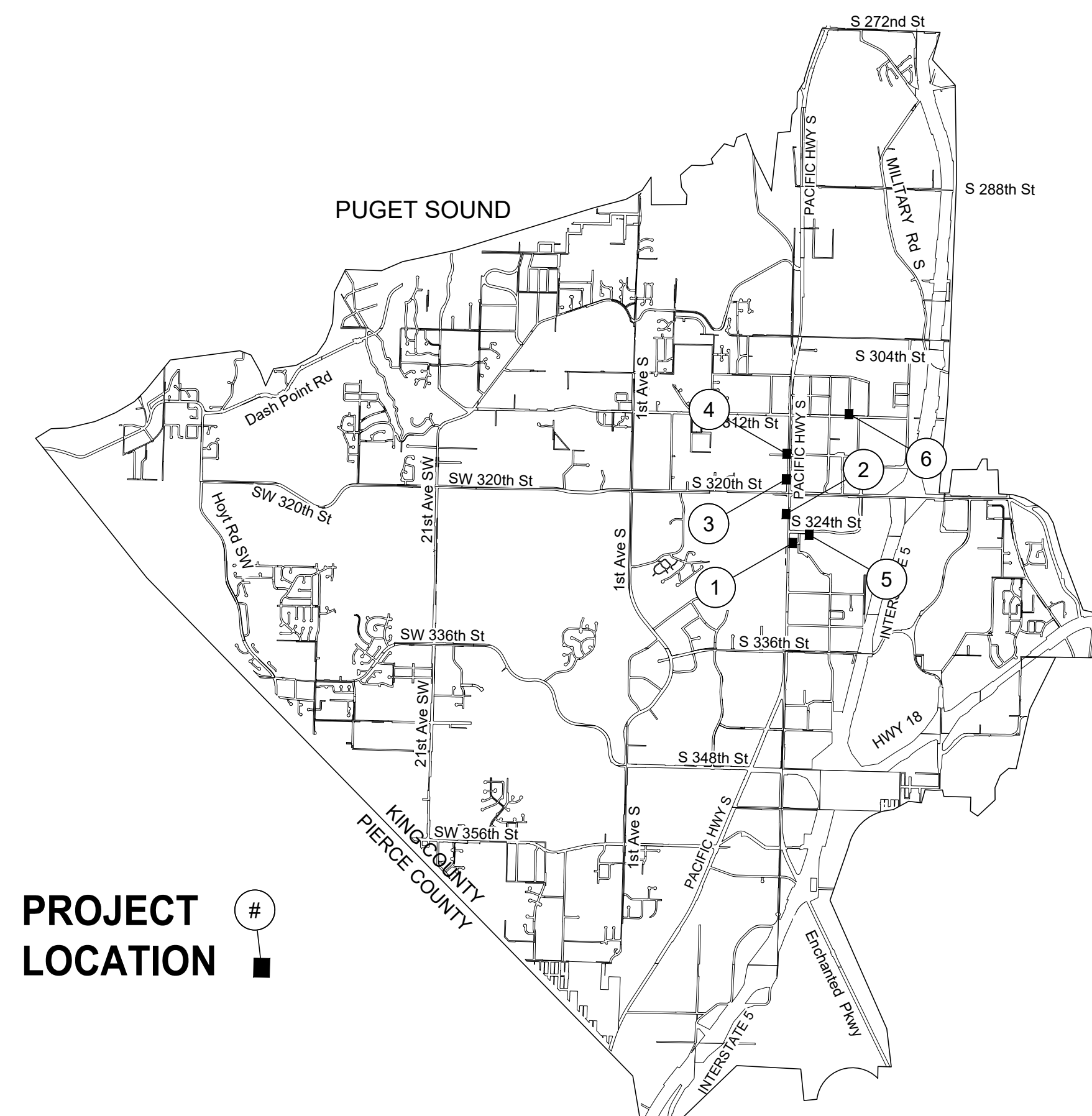
The logo for the City of Federal Way Public Works Department. It features a stylized graphic on the left consisting of three curved, overlapping shapes that resemble a stylized 'F' or a series of waves. To the right of the graphic, the text 'CITY OF' is in a small, bold, sans-serif font. Below it, 'Federal Way' is in a large, bold, sans-serif font. At the bottom, 'Public Works Department' is in a smaller, italicized, sans-serif font.

1	COVER
2	LEGEND
3-12	CURB RAMPS & LIMITS

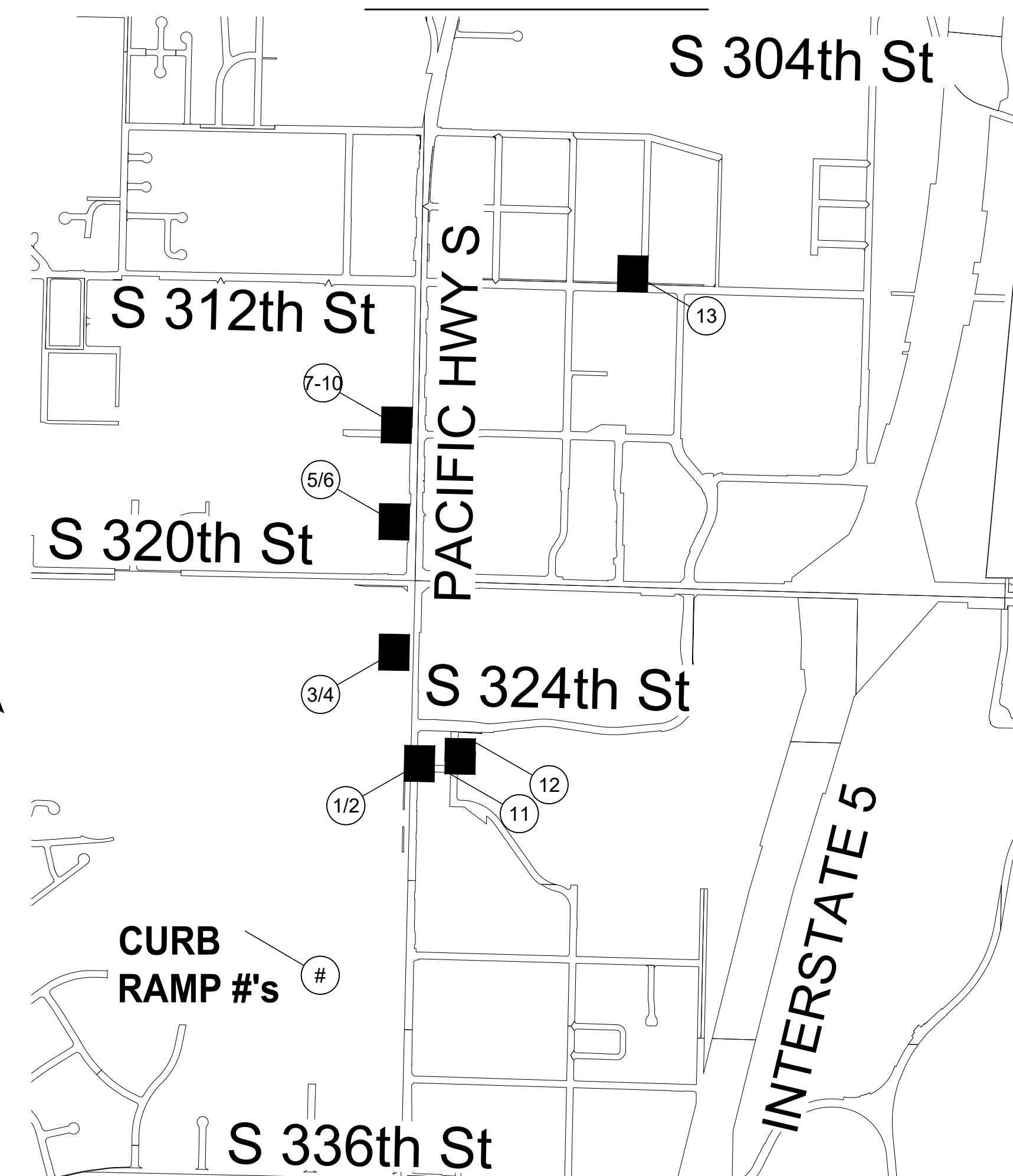
2024 ADA RETROFIT PROGRAM

CITY PROJECT # 36228

VICINITY MAP



PROJECT MAP



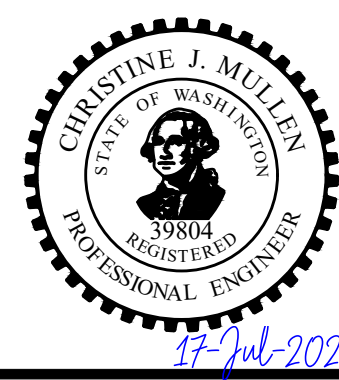
ON BEHALF OF _____
DESIREÉ S. WINKLER, P.E. _____
 DEPUTY PUBLIC WORKS DIRECTOR DATE _____

RFB # 25-005

100% DESIGN



DRAFTED: C. KINLOCH
DESIGNED: C. KINLOCH
REVIEWED: C. MULLEN
APPROVED: D.WINKLER

[illegible]

2024 ADA RETROFIT PROGRAM

COVER & SHEET INDEX

CITY PROJECT #:
36228

SHT. 1
OF 12

LEGEND

EXISTING				PROPOSED				ABBREVIATIONS			
MIC	MONUMENT IN CASE	①	TELEPHONE MANHOLE	_____	_____	XXX	CONTOUR	ABND	ABANDONED	MW	MONITORING WELL
MON	SURFACE MONUMENT	T	TELEPHONE RISER	_____	_____	_____	DITCH FLOWLINE	AC	ASPHALT	N	NORTHING/NORTH
	PK NAIL	□	TELEPHONE VAULT LID	_____	_____	_____	EDGE OF PAVEMENT	AC	ASBESTOS CEMENT WATER PIPE	NO	NUMBER
RC	REBAR & CAP	⊖	TELEPHONE POLE	_____	_____	=====	CONCRETE CURB & GUTTER	ACP	ASPHALT CONCRETE PAVEMENT	NTS	NOT TO SCALE
⊗	SPOT SHOT (DESCRIBED)	TV	TV MANHOLE	_____	_____	— · — · — · — · —	SAWCUT	ADA	AMERICANS WITH DISABILITIES ACT	OC	ON CENTER
□	CATCH BASIN	TV	TV RISER	_____	_____	-----	LIMITS OF GRADING	AP	ANGLE POINT	OD	OUTSIDE DIAMETER
⊕	STORM DRAIN MANHOLE	TV	TV VAULT LID	_____	_____	=====SD=====	STORMDRAIN	AVE	AVENUE	OH	OVERHEAD UTILITIES
⊕	YARD DRAIN	FO	FIBER OPTIC MANHOLE	_____	_____	-----UD-----	UNDERDRAIN	BLDG	BUILDING	PC	POINT OF CURVATURE
⊕	DOWNSPOUT	FO	FIBER OPTIC VAULT LID	_____	_____	=====SS=====	SANITARY SEWER	BMP	BEST MANAGEMENT PRACTICE	PCC	POINT OF CURVE ON CURVE
SD	STORM DRAIN CLEAN-OUT	⊕	GAS VALVE	_____	_____	=====W=====	WATER	BOW	BACK OF WALK	PE	POLYETHYLENE
^	CULVERT	⊕	GAS METER	_____	_____	-----IRR-----	IRRIGATION	CB	CATCH BASIN	PG	PERFORMANCE GRADE
○	SEWER MANHOLE	⊕	GAS MANHOLE	_____	_____	-----G-----	GAS	CDF	CONTROLLED DENSITY FILL	PI	POINT OF INTERSECTION
SS	SEWER CLEAN-OUT	⊗	WATER VALVE	_____	_____	-----UE-----	UNDERGROUND POWER	CI	CAST IRON	PIV	POST INDICATOR VALVE
⊖	POWER POLE	⊕	WATER METER	_____	_____	-----TEL-----	TELECOMMUNICATION	C/L	CENTERLINE	POB	POINT OF BEGINNING
⊕	POWER POLE W/UNDERGROUND CONNECT	W	WATER MANHOLE	_____	_____	-----OE-----	OVERHEAD UTILITY LINE	CL	CLASS	POC	POINT OF CONNECTION
⊕	POWER POLE WITH LUMINAIRE	W	WATER VAULT LID	_____	_____	-----FO-----	CITY FIBER	CO	CLEANOUT	POE	POINT OF ENDING
⊕	PWR POLE W/LUMINAIRE & UNDGRD CONNECT	⊕	FIRE HYDRANT	_____	_____	-----	CUT LINE	CONC	CONCRETE	PRC	POINT OF REVERSE CURVATURE
⊕	POWER MANHOLE	⊕	BLOW-OFF	_____	_____	-----	FILL LINE	CONT	CONTAINER	PT	POINT OF TANGENCY
⊕	POWER RISER	⊕	FIRE DEPARTMENT CONNECT	_____	_____	-----	FENCE - CHAINLINK	DCVA	DOUBLE CHECK VALVE ASSEMBLY	PVC	POLYVINYL CHLORIDE
⊕	POWER VAULT LID	⊕	POST INDICATOR VALVE	_____	_____	-----	FENCE - WOOD	DI	DUCTILE IRON	PVI	POINT OF VERTICAL INTERSECTION
⊕	POWER TRANSFORMER	⊕	HOSE BIB	_____	_____	-----		DIA	DIAMETER	R	RADIUS
⊕	POWER METER	⊕	IRRIGATION CONTROL VALVE	_____	_____	-----		CFW	CITY OF FEDERAL WAY	RJ	RESTRAINED JOINT
⊕	POWER OUTLET	⊕	UTILITY MANHOLE (GENERIC/UNK)	_____	_____	-----		CSBC	CRUSHED SURFACING BASE COURSE	RT	RIGHT
⊕	HIGH VOLTAGE POWER POLE	⊕	UTILITY VAULT LID (GENERIC/UNK)	_____	_____	-----		E	EASTING/EAST	S	SLOPE/SOUTH
⊕	HIGH VOLTAGE PWR POLE W/UNDGRD CONNECT	⊕	UTILITY CLEAN-OUT (GENERIC/UNK)	_____	_____	-----		EL	ELEVATION	SD	STORM DRAIN
⊕	GUY POLE	⊕	UTILITY RISER (GENERIC/UNK)	_____	_____	-----		ELEV	ELEVATION	SDP	STORM DRAIN PIPE
→	GUY ANCHOR	⊕	STAND-PIPE (GENERIC/UNK)	_____	_____	-----		EOP	EDGE OF PAVEMENT	SEW	SEWER
⊕	TRAFFIC SIGNAL	⊕	UTILITY ACCESS (GENERIC/UNK)	_____	_____	-----		EX	EXISTING	SHT	SHEET
⊕	TRAFFIC SIGNAL WITH LUMINAIRE	⊕	BORE SITE (WITH FIELD DESC)	_____	_____	-----		EXIST	EXISTING	SSMH	SANITARY SEWER MANHOLE
⊕	PEDESTRIAN SIGNAL	⊕	MONITORING WELL	_____	_____	-----		FDC	FIRE DEPARTMENT CONNECTION	ST	STREET
⊕	JUNCTION BOX	⊕	GUARD POST	_____	_____	-----		FL	FLANGE	STA	STATION
⊕	TRAFFIC CONTROL CABINET	⊕	BOULDER	_____	_____	-----		FL	FLOWLINE	STD	STANDARD
⊕	BACKUP POWER SUPPLY	⊕	SIGN	_____	_____	-----		HORIZ	HORIZONTAL	T	TANGENT LENGTH
⊕	INTERCONNECT CABINET	⊕	MAILBOX (# OF BOXES)	_____	_____	-----		HMA	HOT MIX ASPHALT	T1	TYPE 1 CATCH BASIN
⊕	ELECTRICAL SERVICE CABINET	⊕	SHRUB	_____	_____	-----		ICV	IRRIGATION CONTROL VALVE	T2	TYPE 2 CATCH BASIN
⊕	TRAFFIC ATTENUATOR LOOP	⊕	STUMP, DIAMETER	_____	_____	-----		ID	INSIDE DIAMETER	TOC	TOP OF CURB
⊕	STREET LIGHT (LUMINAIRE)	⊕	SNAG, DIAMETER (# OF TRUNKS)	_____	_____	-----		IE	INVERT ELEVATION	TOG	TOP OF GRATE
⊕	LOT LIGHT	⊕	DECIDUOUS TREE, DIA (# OF TRUNKS)	_____	_____	-----		L	LENGTH OF CURVE	TYP	TYPICAL
⊕	YARD LIGHT	⊕	CONIFEROUS TREE, DIA (# OF TRUNKS)	_____	_____	-----		LT	LEFT	VC	VERTICAL CURVE
⊕	RAILROAD CROSSING ARM			_____	_____	-----		LF	LINEAR FEET	VERT	VERTICAL
⊕	RAILROAD CROSSING SIGNAL			_____	_____	-----		LP	LOW POINT	VLT	VAULT
				_____	_____	-----		MAX	MAXIMUM	W	WEST / WITH
				_____	_____	-----		MIN	MINIMUM	WAT	WATER
				_____	_____	-----		MH	MANHOLE	WSDOT	WASHINGTON STATE
				_____	_____	-----		MIC	MONUMENT IN CASE		DEPARTMENT OF
				_____	_____	-----		MJ	MECHANICAL JOINT		TRANSPORTATION

100% DESIGN



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Centered on Opportunity

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Know what's below.
Call **811** before you dig.

DRAFTED: C. KINLOCH

DESIGNED: C. KINLOCH

REVIEWED: C. MULLEN

APPROVED: D.WINKLER



CHRISTINE J. MULLEN
STATE OF WASHINGTON
19904
REGISTERED PROFESSIONAL ENGINEER
17-Jul-2025

DRAWING VERSION / REVISION LOG		
NO.	DATE	REVISION

2024 ADA RETROFIT PROGRAM

LEGEND AND ABBREVIATIONS

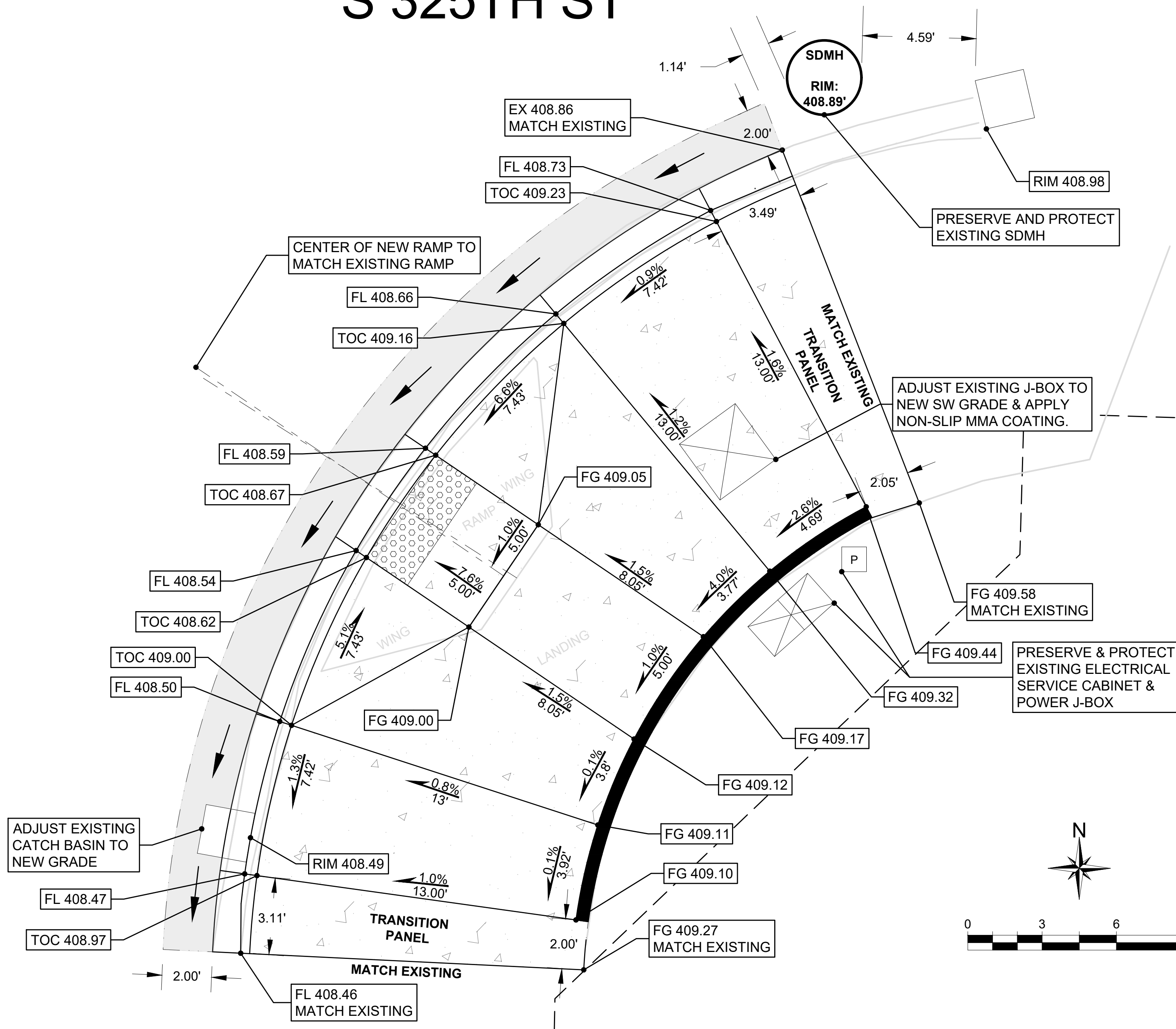
CITY PROJECT #:

36228

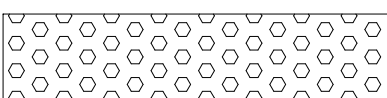
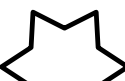
SHT. 2

OF 12

S 325TH ST



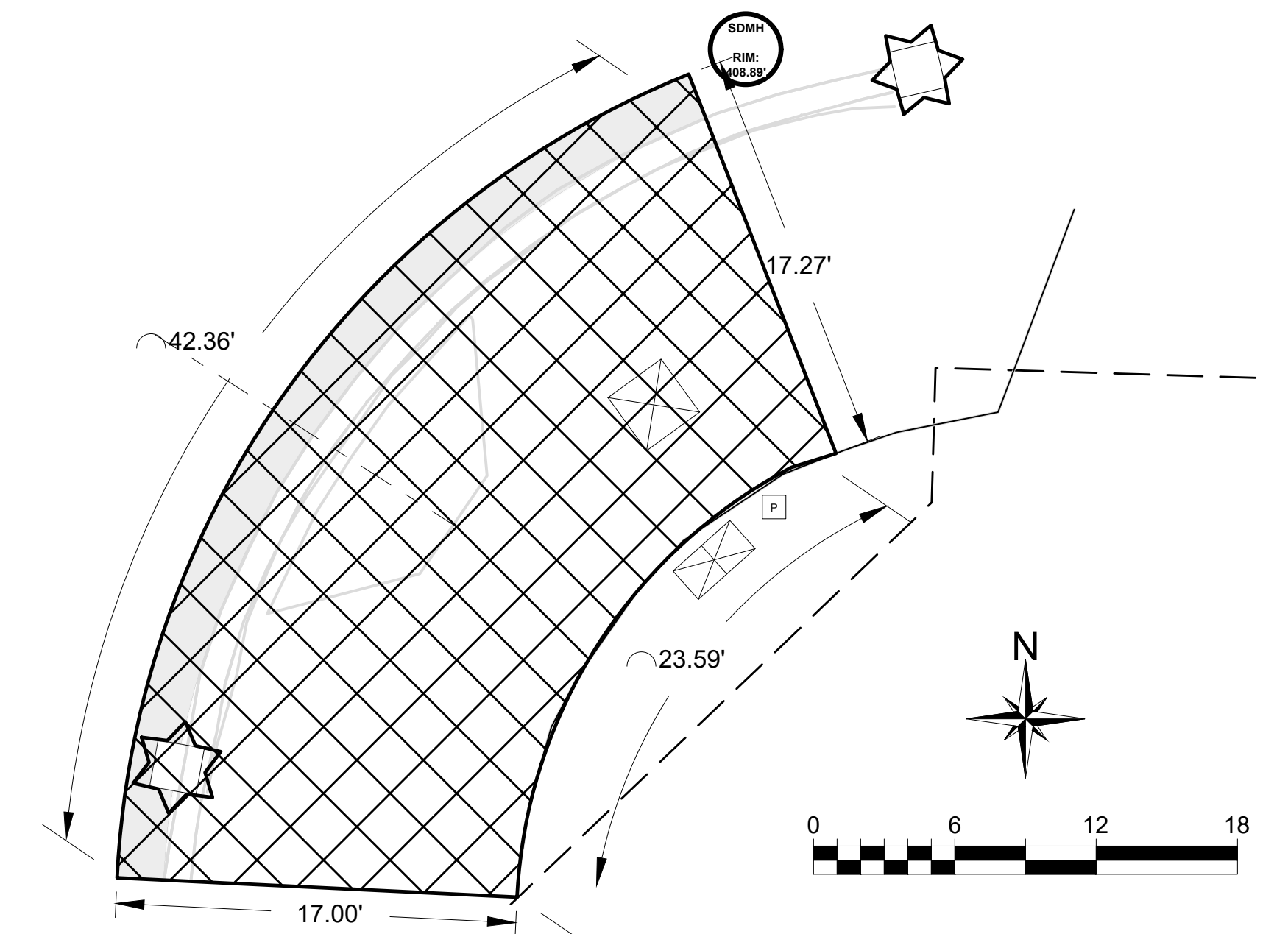
LEGEND

- | | |
|---|---|
|  | CEMENT CONCRETE PEDESTRIAN CURB |
|  | YELLOW TRUNCATED DOME
DETECTABLE WARNING SURFACE |
|  | ROADWAY EXCAVATION INCL. HAUL |
|  | INLET PROTECTION INSERT |

FL = GUTTER FLOW LINE
TOC = TOP OF CURB
FG = FINISH GRADE

CURB RAMP NOTES

1. SLOPES SHOWN IN PLAN VIEW, RAMP LAYOUT AND RAMP LENGTH FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS AND CONSTRUCT CURB RAMPS TO MEET ADA REQUIREMENTS.
2. DO NOT PLACE GRATINGS, JUNCTION BOXES, ACCESS COVERS, OR OTHER APPURTENANCES IN FRONT OF THE CURB RAMP OR ANY PART OF THE CURB RAMP OR LANDING.
3. SEE CONTRACT PLANS FOR THE CURB DESIGN SPECIFIED. SEE WSDOT STD PLAN F-10.12-04 FOR DEPRESSED CURB AND GUTTER SECTION, CEMENT CONCRETE PEDESTRIAN CURB, AND CEMENT CONCRETE CURB AND GUTTER DETAILS.
4. INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-05.
5. CURB RAMP, LANDING, AND FLARES SHALL RECEIVE BROOM FINISH. SEE STANDARD SPECIFICATIONS 8-14.3 AND CFW STD DET FW.F30.20.
6. ORIGINAL SURVEY MAY BE PROVIDED BY CITY UPON REQUEST FROM CONTRACTOR.



CONSTRUCTION LIMITS & TESC

PACIFIC HWY S

1 PACIFIC HIGHWAY SOUTH & SOUTH 325TH STREET, SOUTHEAST CORNER
CEMENT CONC. CURB RAMP TYPE PERPENDICULAR



33325 8th Avenue South
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DESIGNED: C. KINLOCH

REVIEWED: C. MULLEN

APPROVED: D.WINKLER



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2024 ADA RETROFIT PROGRAM

CURB RAMPS & LIMITS

PACIFIC HIGHWAY S & S 325TH STREET - CURB RAMP 1

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CITY PROJECT #:

36228

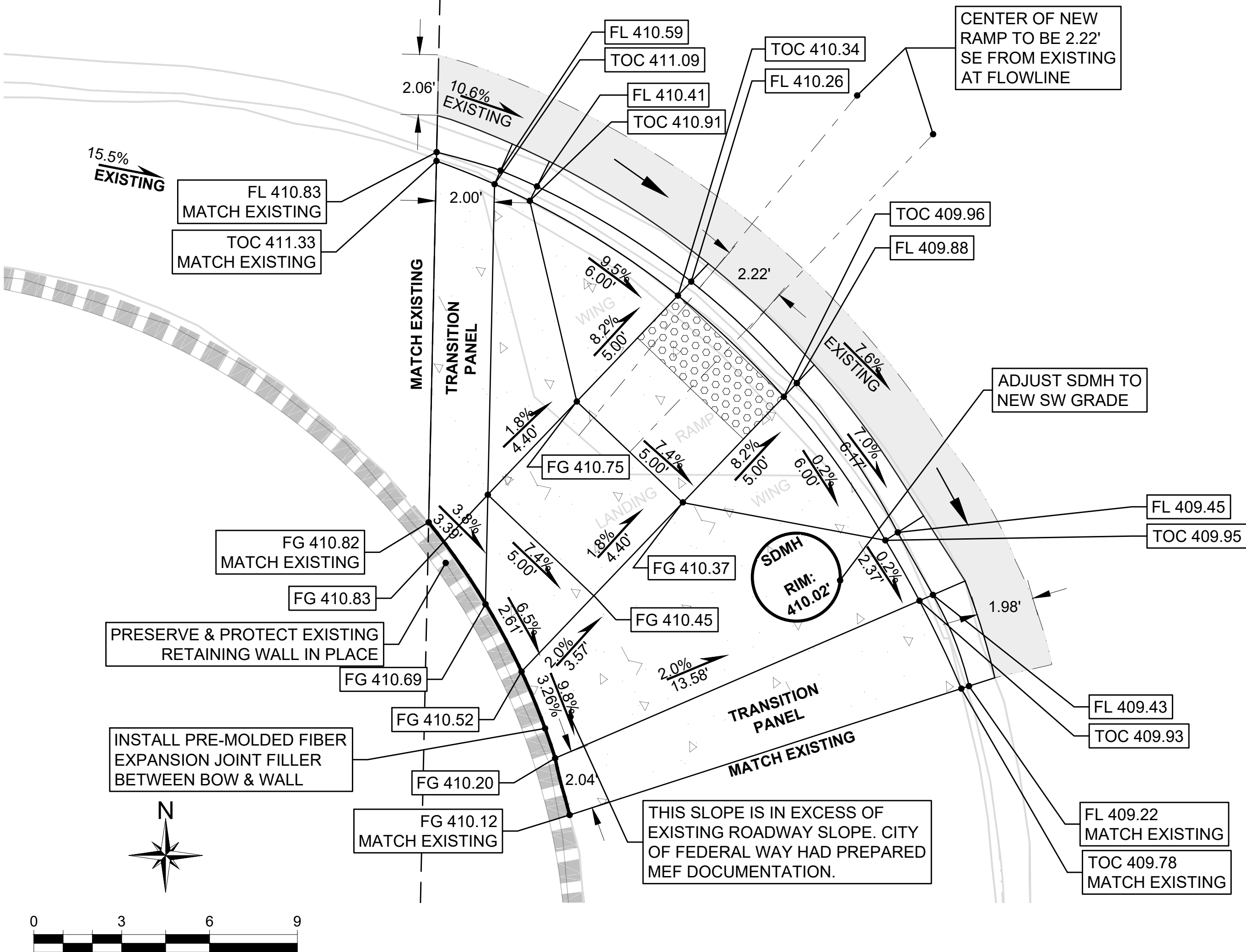
SHT. 3

OF 12



-

PRIVATE DRIVEWAY



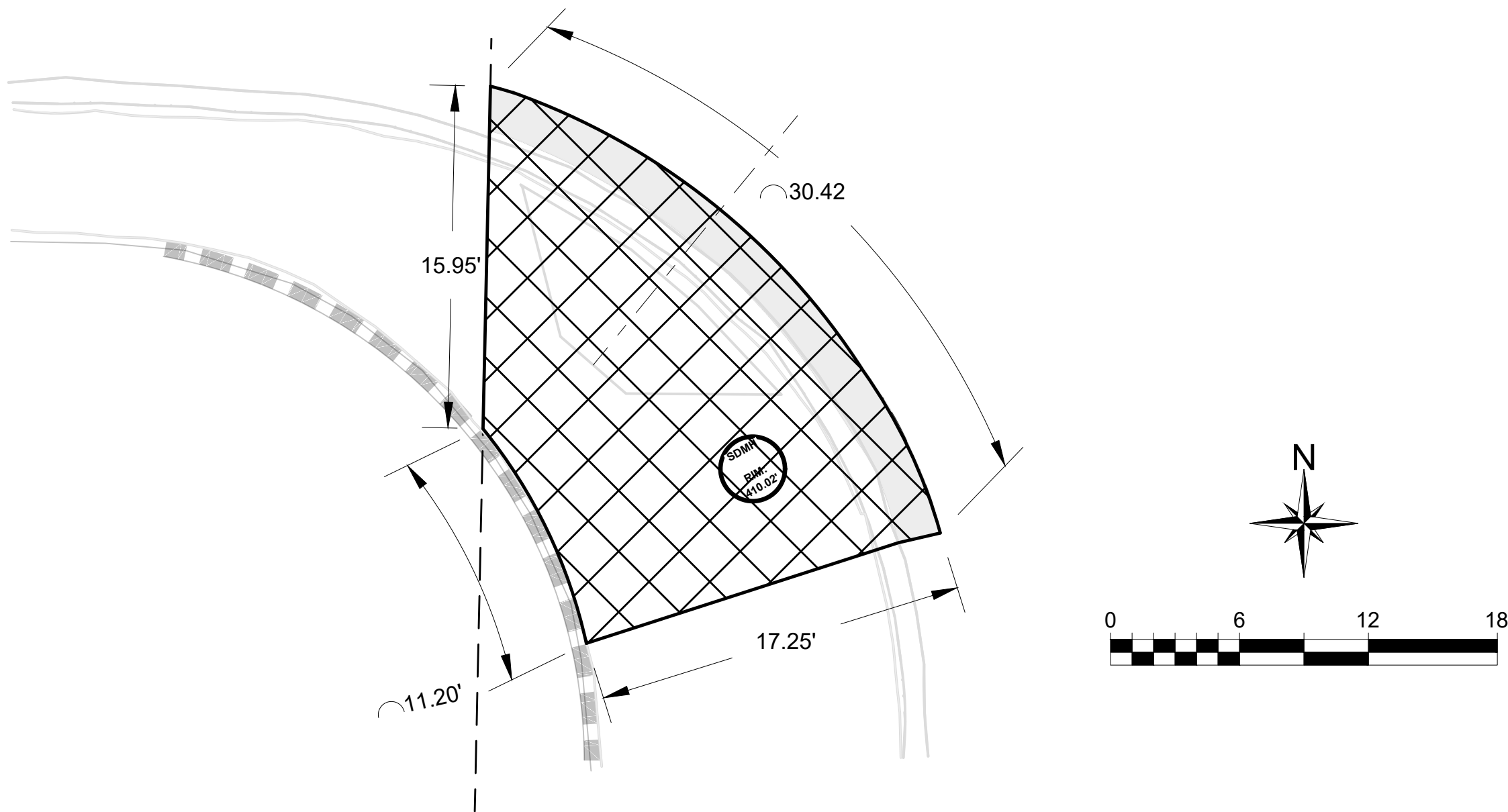
LEGEND

- CEMENT CONCRETE PEDESTRIAN CURB
- YELLOW TRUNCATED DOME DETECTABLE WARNING SURFACE
- ROADWAY EXCAVATION INCL. HAUL
- EXISTING BRICK RETAINING WALL

FL = GUTTER FLOW LINE
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CURB RAMP NOTES

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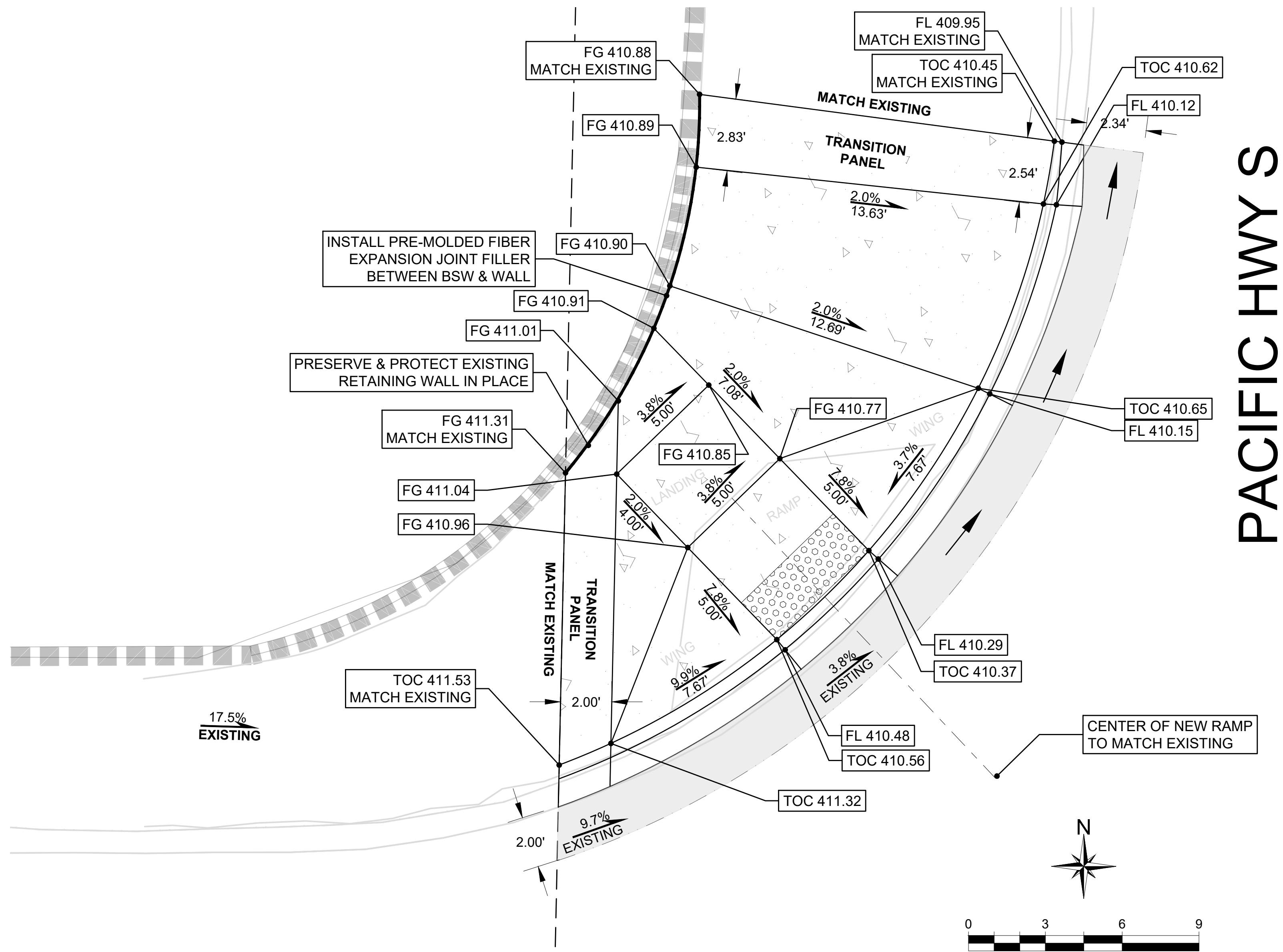
CONSTRUCTION LIMITS & TESC

3 SOUTHWEST CORNER OF PACIFIC HIGHWAY SOUTH & CELEBRATION
CENTER PRIVATE DRIVEWAY ENTRANCE (NEAR BLACK BEAR DINER)
CEMENT CONC. CURB RAMP TYPE PERPENDICULAR

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PRIVATE DRIVEWAY

4 NORTHWEST CORNER OF PACIFIC HIGHWAY SOUTH & CELEBRATION
CENTER PRIVATE DRIVEWAY ENTRANCE (NEAR CHIK-FIL-A)
CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION

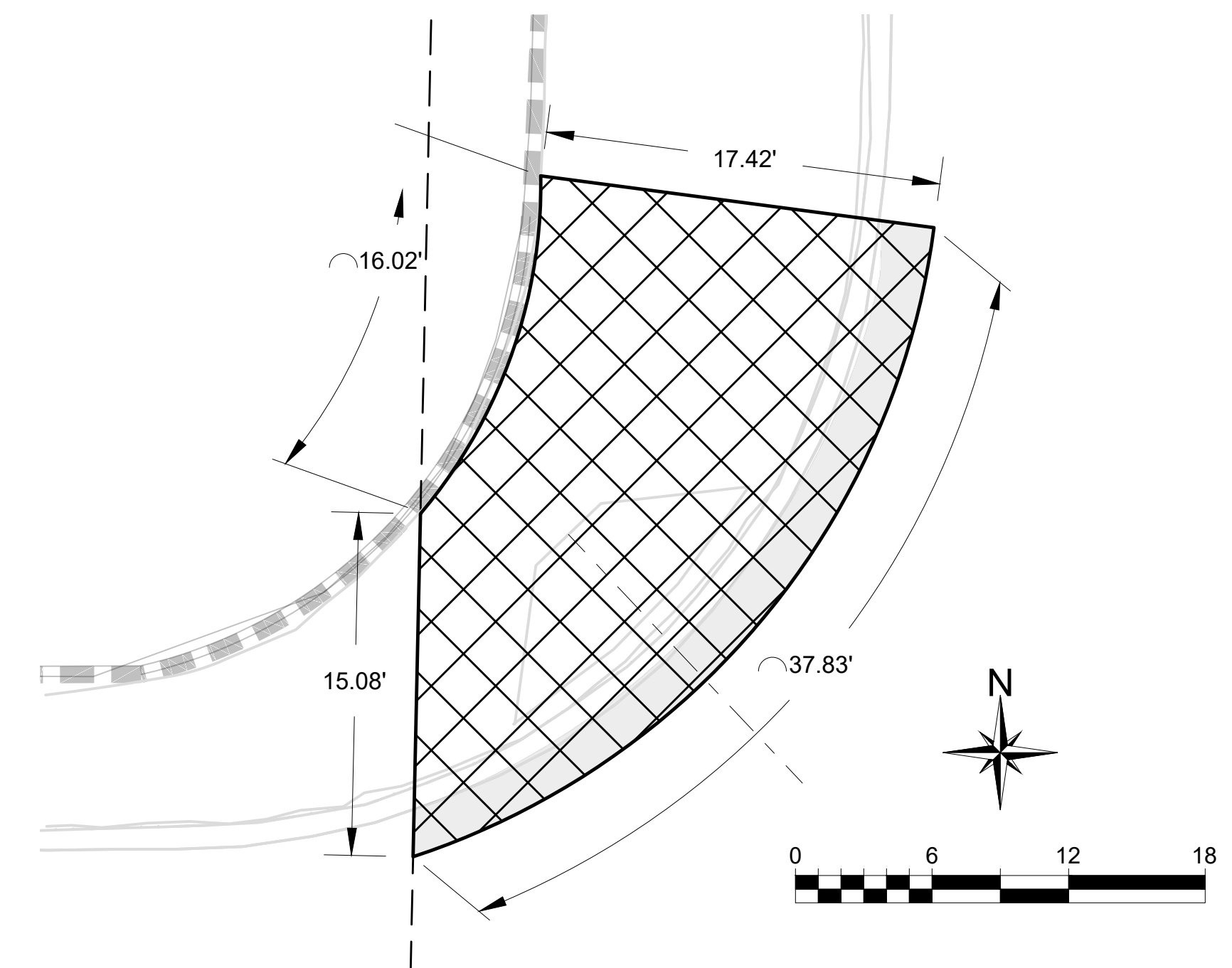
LEGEND

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- YELLOW TRUNCATED DOME DETECTABLE WARNING SURFACE
- ROADWAY EXCAVATION INCL. HAUL
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CONSTRUCTION LIMITS & TESC

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DESIGNED: C. KINLOCH
REVIEWED: C. MULLEN
APPROVED: D.WINKLER

CHRISTINE J. MULLEN
REGISTERED PROFESSIONAL ENGINEER
39804
17-Jul-2025

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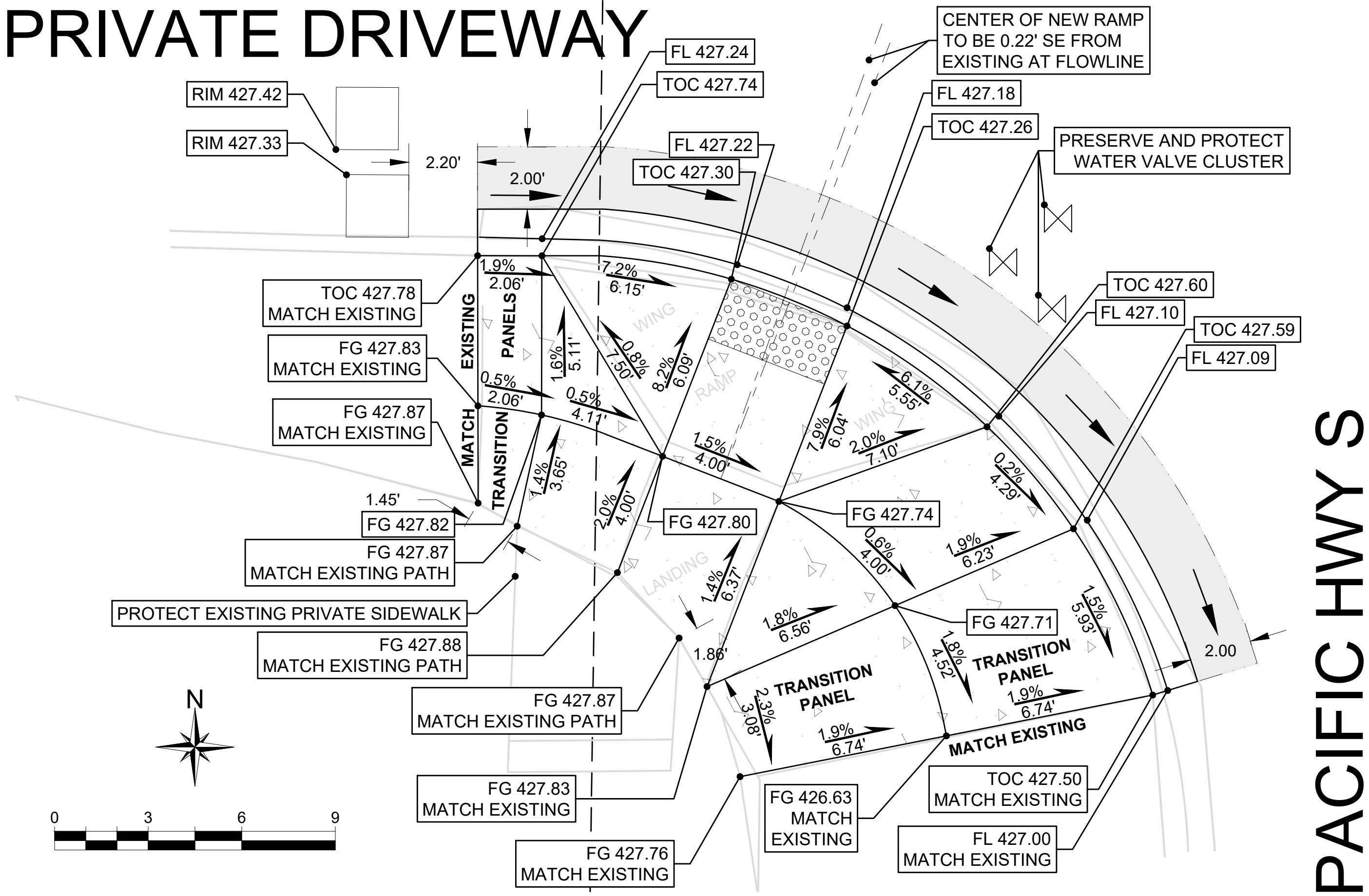
2024 ADA RETROFIT PROGRAM

CURB RAMPS & LIMITS

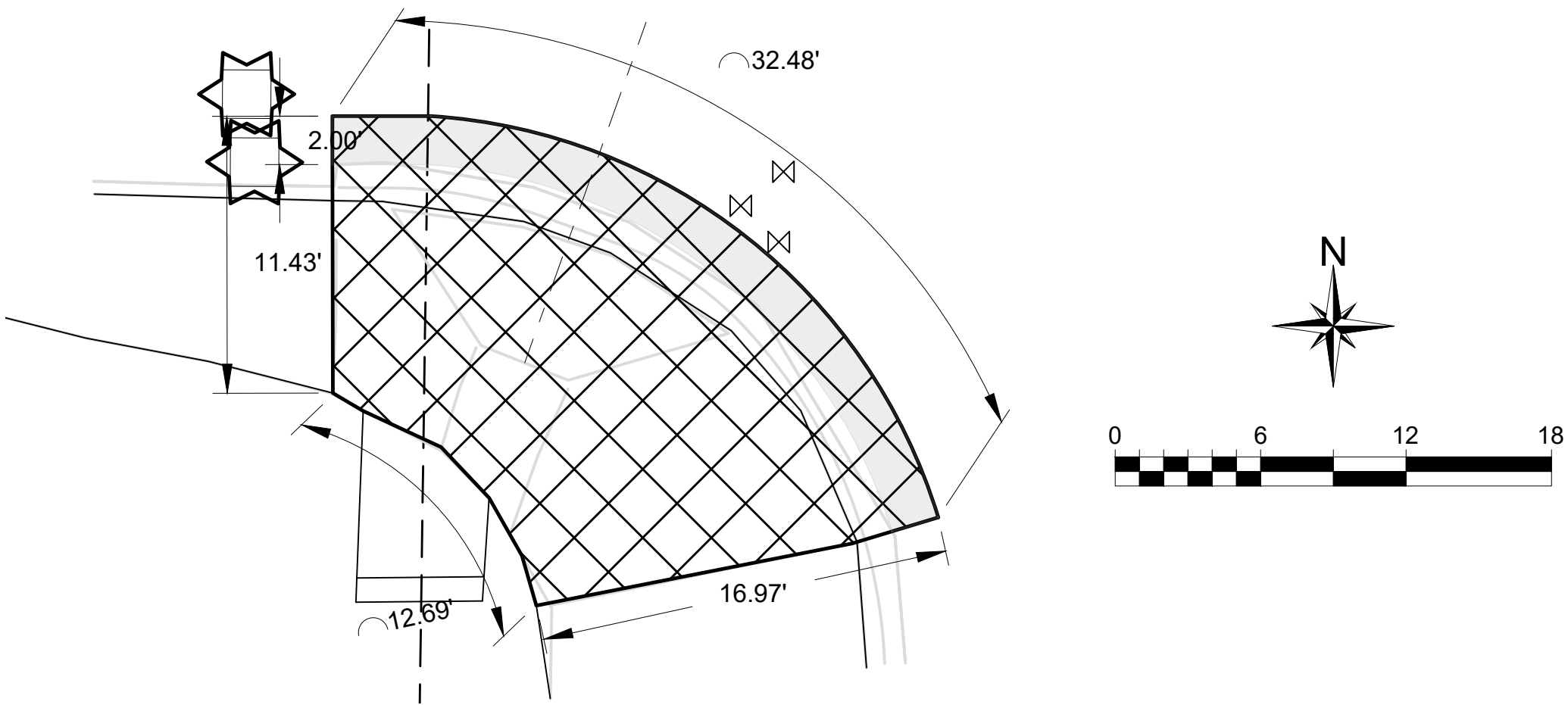
PACIFIC HIGHWAY S & CORNER BY CHIK-FIL-A - CURB RAMP 4

CITY PROJECT #:		36228
SHT.	6	
OF	12	

PRIVATE DRIVEWAY



PACIFIC HWY S



CONSTRUCTION LIMITS & TESC

5

SOUTHWEST CORNER OF PACIFIC HIGHWAY S & PRIVATE DRIVEWAY
ENTRANCE TO PAVILLIONS CENTER (NEAR PANDA EXPRESS)

CEMENT CONC. CURB RAMP TYPE PERPENDICULAR

FL = GUTTER FLOW LINE
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LEGEND

- CEMENT CONCRETE PEDESTRIAN CURB
- YELLOW TRUNCATED DOME DETECTABLE WARNING SURFACE
- ROADWAY EXCAVATION INCL. HAUL
- INLET PROTECTION INSERT

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DESIGNED: C. KINLOCH
REVIEWED: C. MULLEN
APPROVED: D.WINKLER



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2024 ADA RETROFIT PROGRAM

CURB RAMPS & LIMITS

PACIFIC HIGHWAY S & CORNER BY PANDA EX. - CURB RAMP 5

CITY PROJECT #:
36228

SHT. 7
OF 12

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6

NORTHWEST CORNER OF PACIFIC HIGHWAY S & PRIVATE DRIVEWAY
ENTRANCE TO PAVILLIONS CENTER (NEAR CHURCH'S CHICKEN)

CEMENT CONC. CURB RAMP TYPE COMBINATION

FL = GUTTER FLOW LINE
TOC = TOP OF CURB
FG = FINISH GRADE

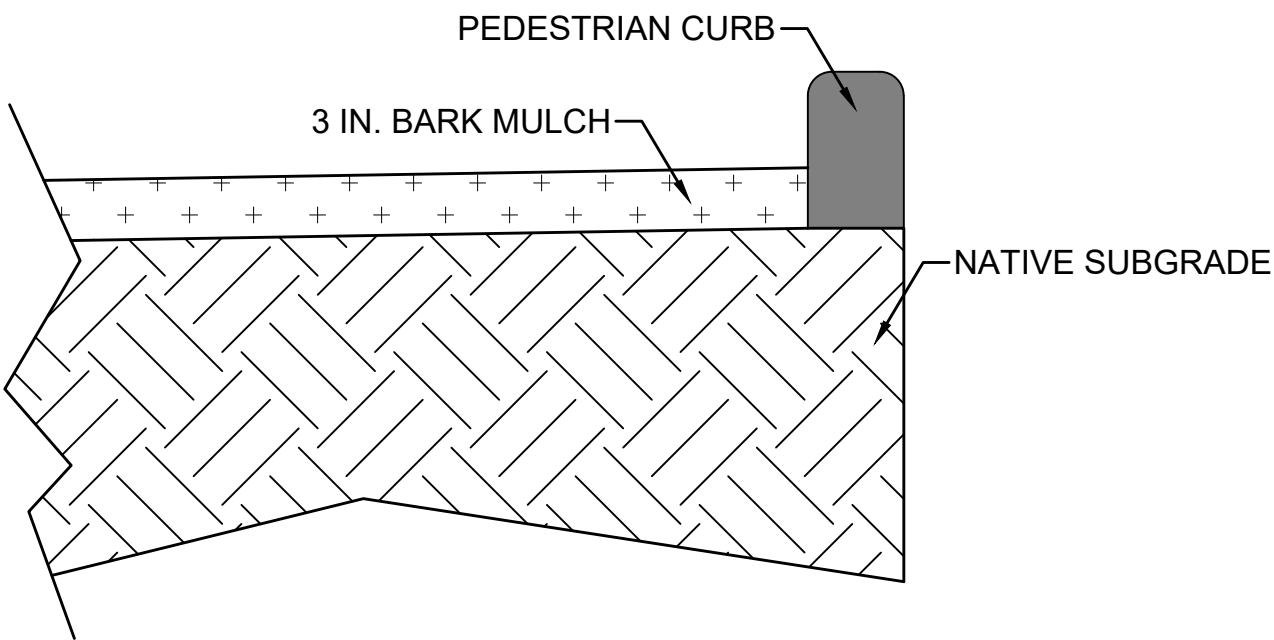
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LEGEND

	CEMENT CONCRETE PEDESTRIAN CURB		EXISTING CEMENT CONCRETE PEDESTRIAN CURB
	YELLOW TRUNCATED DOME DETECTABLE WARNING SURFACE		EXISTING BARK MULCH
	ROADWAY EXCAVATION INCL. HAUL		NEW BARK MULCH
	INLET PROTECTION INSERT		

CONSTRUCTION LIMITS & TESC



BARK MULCH DETAIL
NOT TO SCALE

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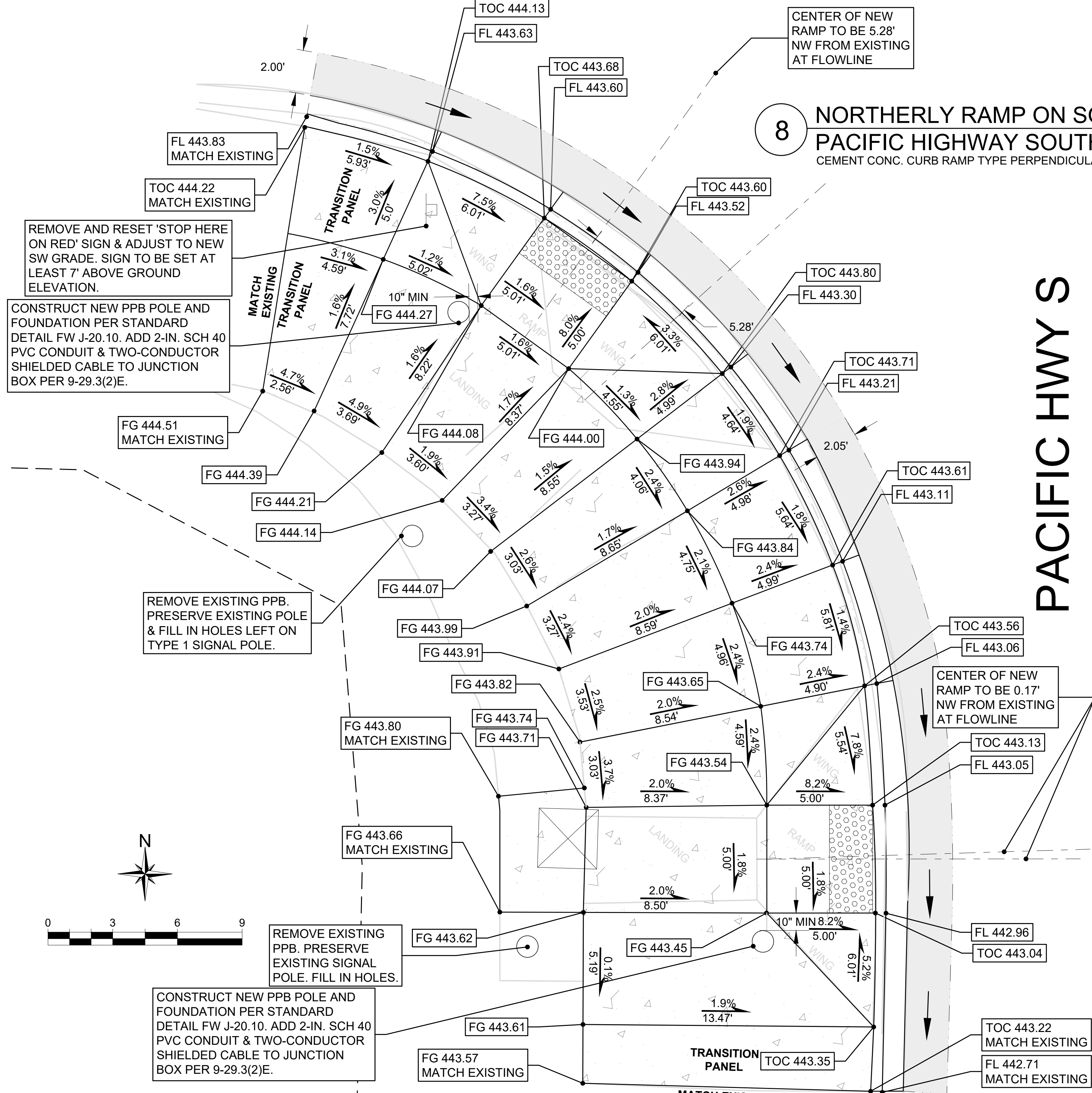
NO.	DATE	REVISION

2024 ADA RETROFIT PROGRAM

CURB RAMPS & LIMITS
PACIFIC HIGHWAY S & CORNER BY CHURCH'S - CURB RAMP 6

CITY PROJECT #:
36228
SHT. 8
OF 12

S 316TH ST



LEGEND

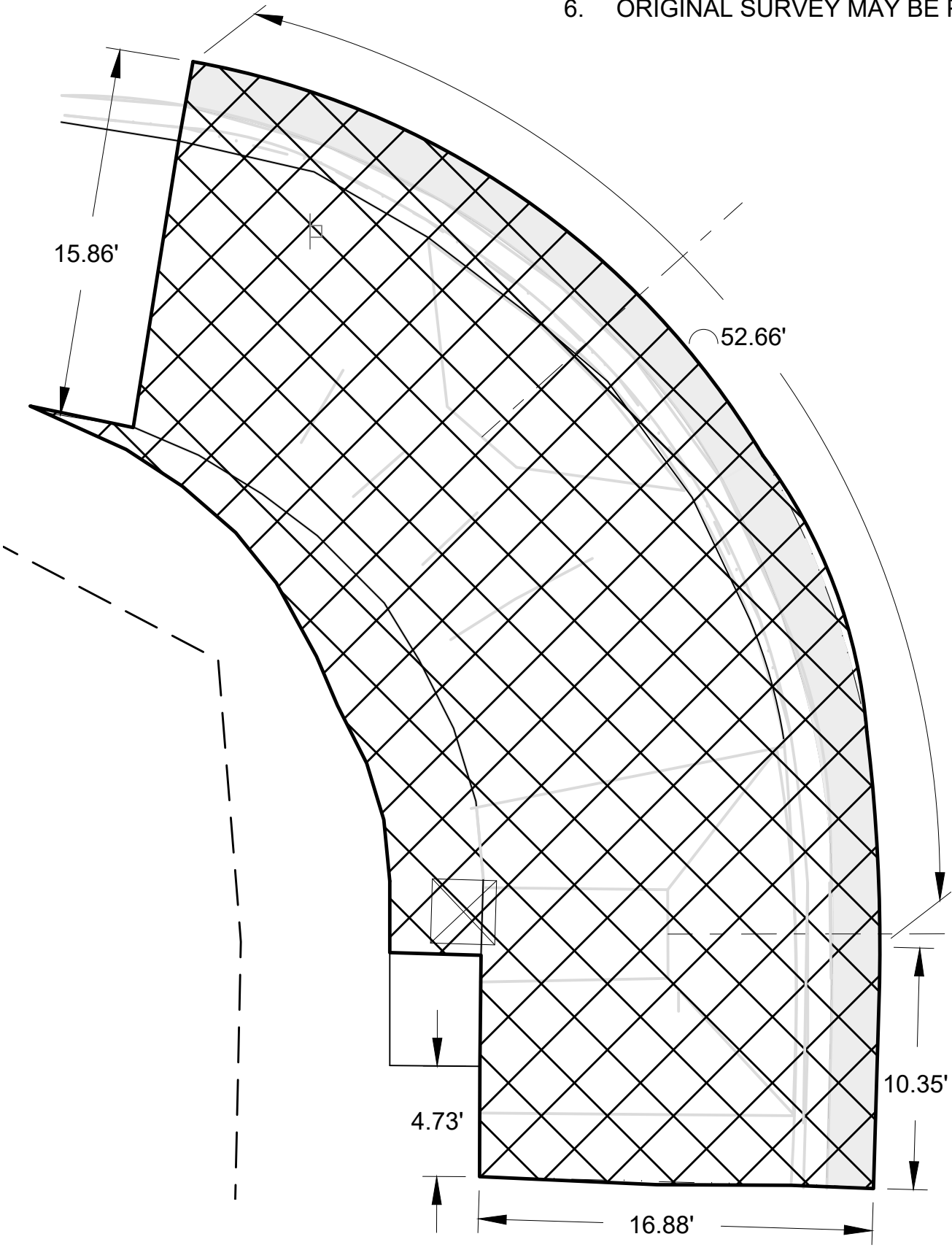
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PACIFIC HWY S



CONSTRUCTION LIMITS & TESC

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APPROVED: D. WINKLER



DRAWING VERSION / REVISION LOG

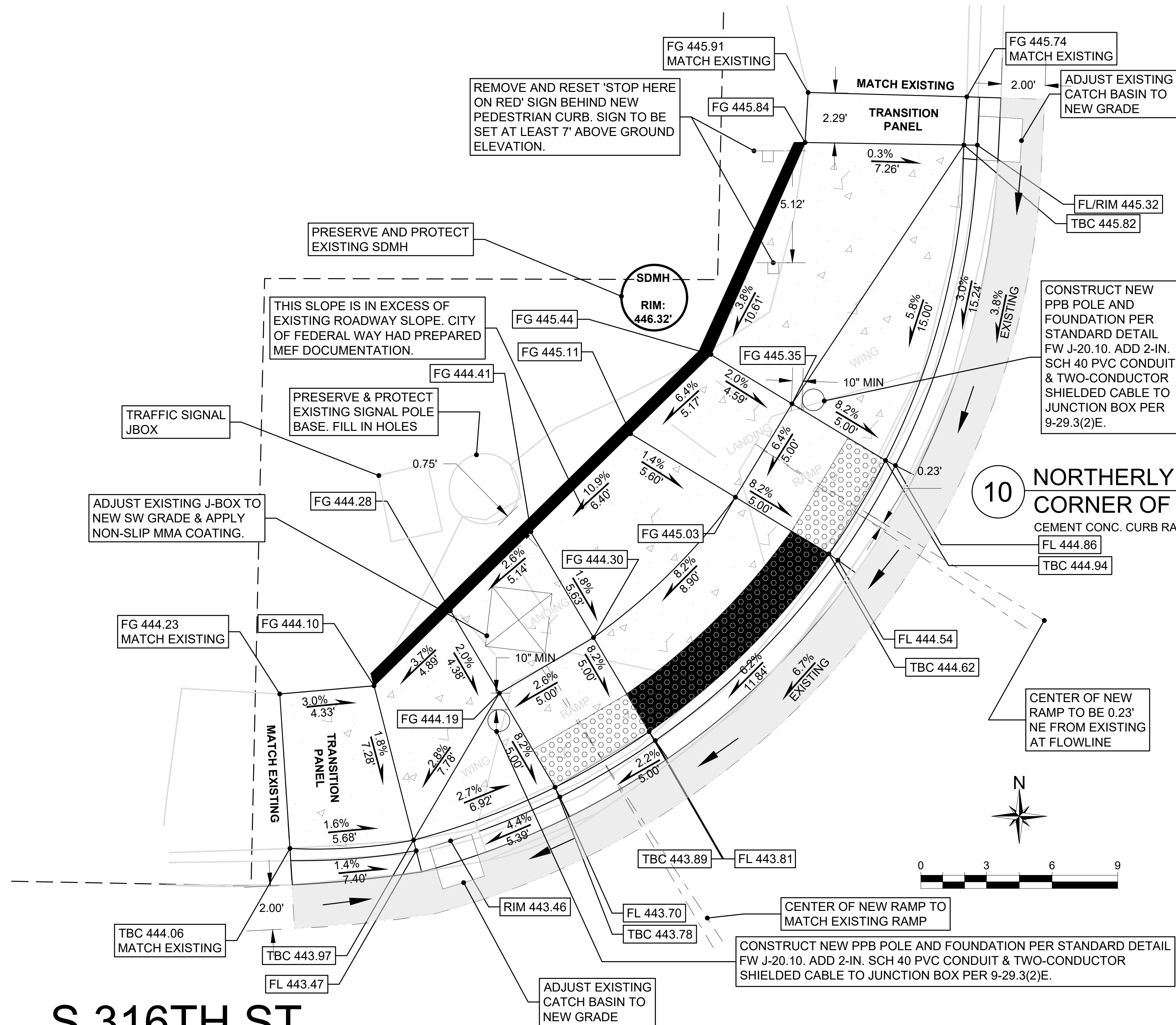
NO.	DATE	REVISION

2024 ADA RETROFIT PROGRAM

CURB RAMPS & LIMITS
PACIFIC HIGHWAY S & S 316TH STREET - CURB RAMPS 7&8

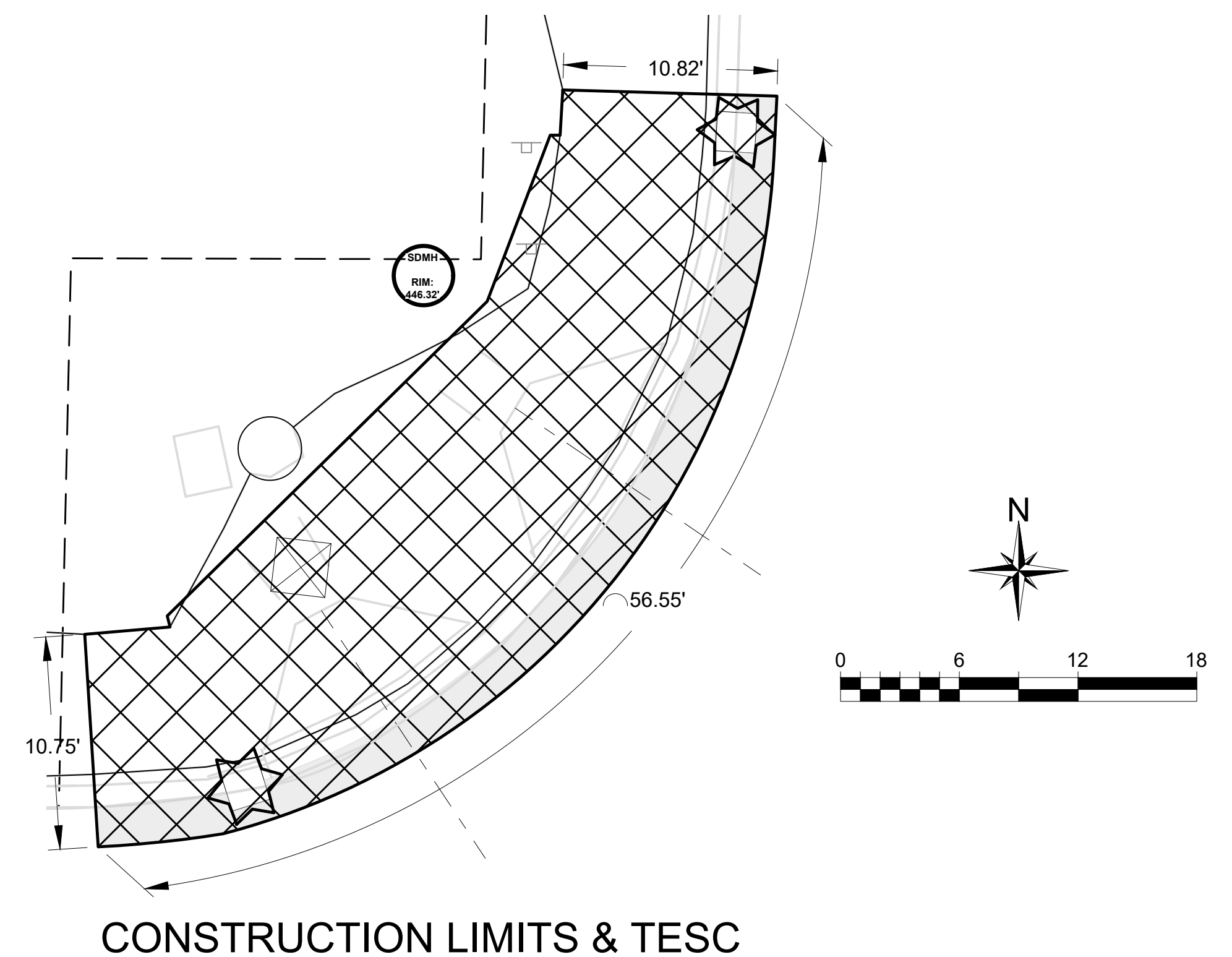
CITY PROJECT #:
36228
SHT. 9
OF 12

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9 S 316TH ST
SOUTHERLY RAMP AT NORTHWEST CORNER OF
PACIFIC HIGHWAY S & S 316TH ST
CEMENT CONC. CURB RAMP TYPE PERPENDICULAR

PACIFIC HWY S
10 NORTHERLY RAMP AT NORTHWEST
CORNER OF PAC HWY S & S 316TH ST
CEMENT CONC. CURB RAMP TYPE PERPENDICULAR



LEGEND

- CEMENT CONCRETE PEDESTRIAN CURB
- YELLOW TRUNCATED DOME DETECTABLE WARNING SURFACE
- BLACK TRUNCATED DOME DETECTABLE WARNING SURFACE
- ROADWAY EXCAVATION INCL. HAUL
- INLET PROTECTION INSERT

FL = GUTTER FLOW LINE
TOC = TOP OF CURB
FG = FINISH GRADE

CURB RAMP NOTES

- SLOPES SHOWN IN PLAN VIEW, RAMP LAYOUT AND RAMP LENGTH FOR REFERENCE ONLY. FIELD VERIFY EXISTING CONDITIONS AND CONSTRUCT CURB RAMPS TO MEET ADA REQUIREMENTS.
- DO NOT PLACE GRATINGS, JUNCTION BOXES, ACCESS COVERS, OR OTHER APPURTENANCES IN FRONT OF THE CURB RAMP OR ANY PART OF THE CURB RAMP OR LANDING.
- SEE CONTRACT PLANS FOR THE CURB DESIGN SPECIFIED. SEE WSDOT STD PLAN F-10.12-04 FOR DEPRESSED CURB AND GUTTER SECTION, CEMENT CONCRETE PEDESTRIAN CURB, AND CEMENT CONCRETE CURB AND GUTTER DETAILS.
- INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-05.
- CURB RAMP, LANDING, AND FLARES SHALL RECEIVE BROOM FINISH. SEE STANDARD SPECIFICATIONS 8-14.3 AND CFW STD DET FW.F30.20.
- ORIGINAL SURVEY MAY BE PROVIDED BY CITY UPON REQUEST FROM CONTRACTOR.



33325 8th Avenue South
Federal Way, WA 98003-6325

(253) 835-2700
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DRAFTED: C. KINLOCH
DESIGNED: C. KINLOCH
REVIEWED: C. MULLEN
APPROVED: D.WINKLER



DRAWING VERSION / REVISION LOG

NO.	DATE	REVISION

2024 ADA RETROFIT PROGRAM

CURB RAMPS & LIMITS
PACIFIC HIGHWAY S & S 316TH STREET - CURB RAMPS 9&10

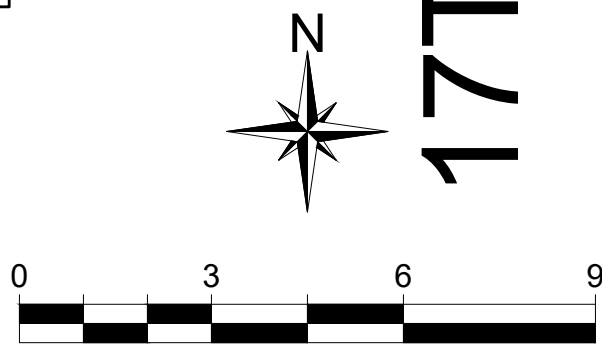
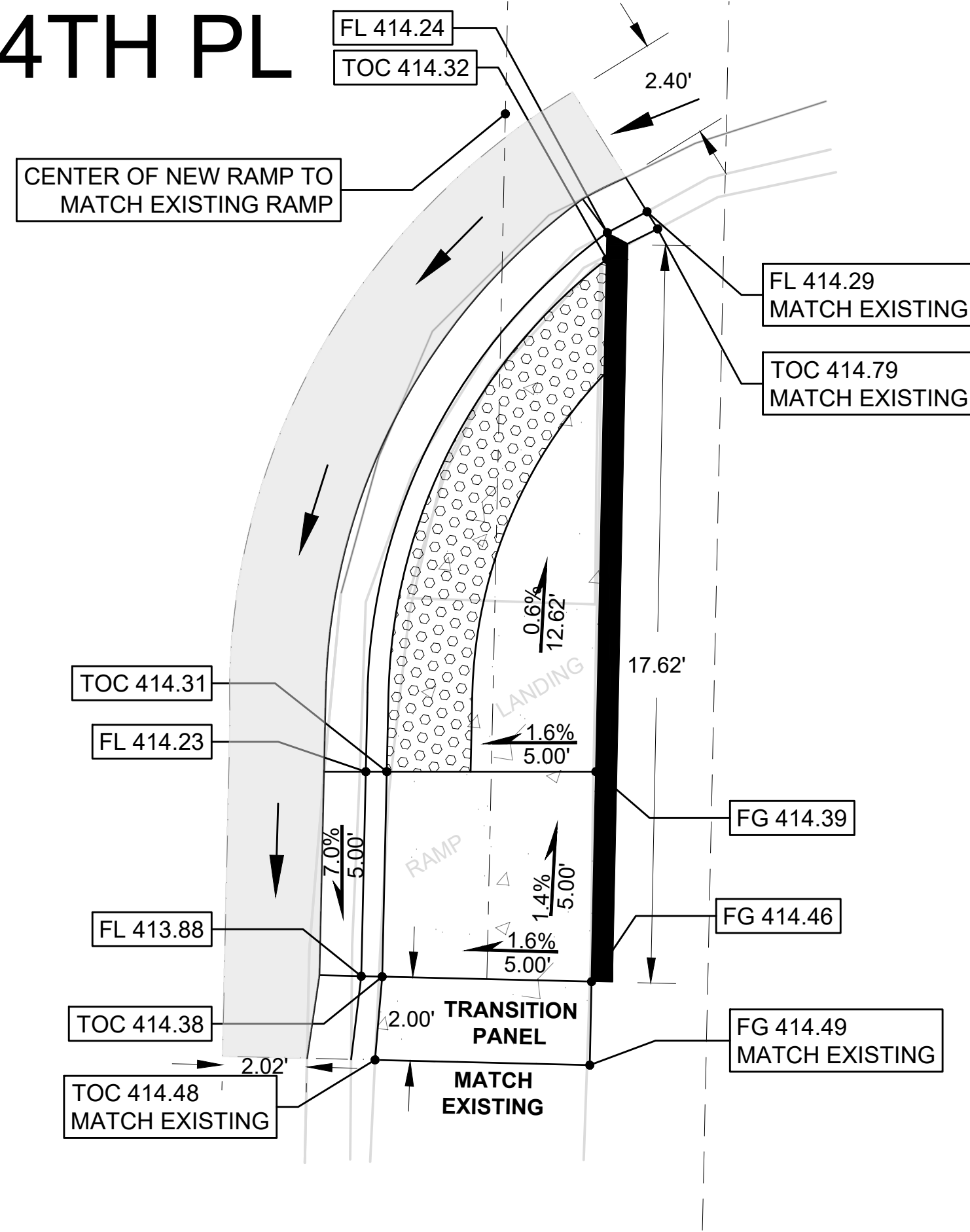
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CITY PROJECT #:
36228
SHT. **10**
OF **12**

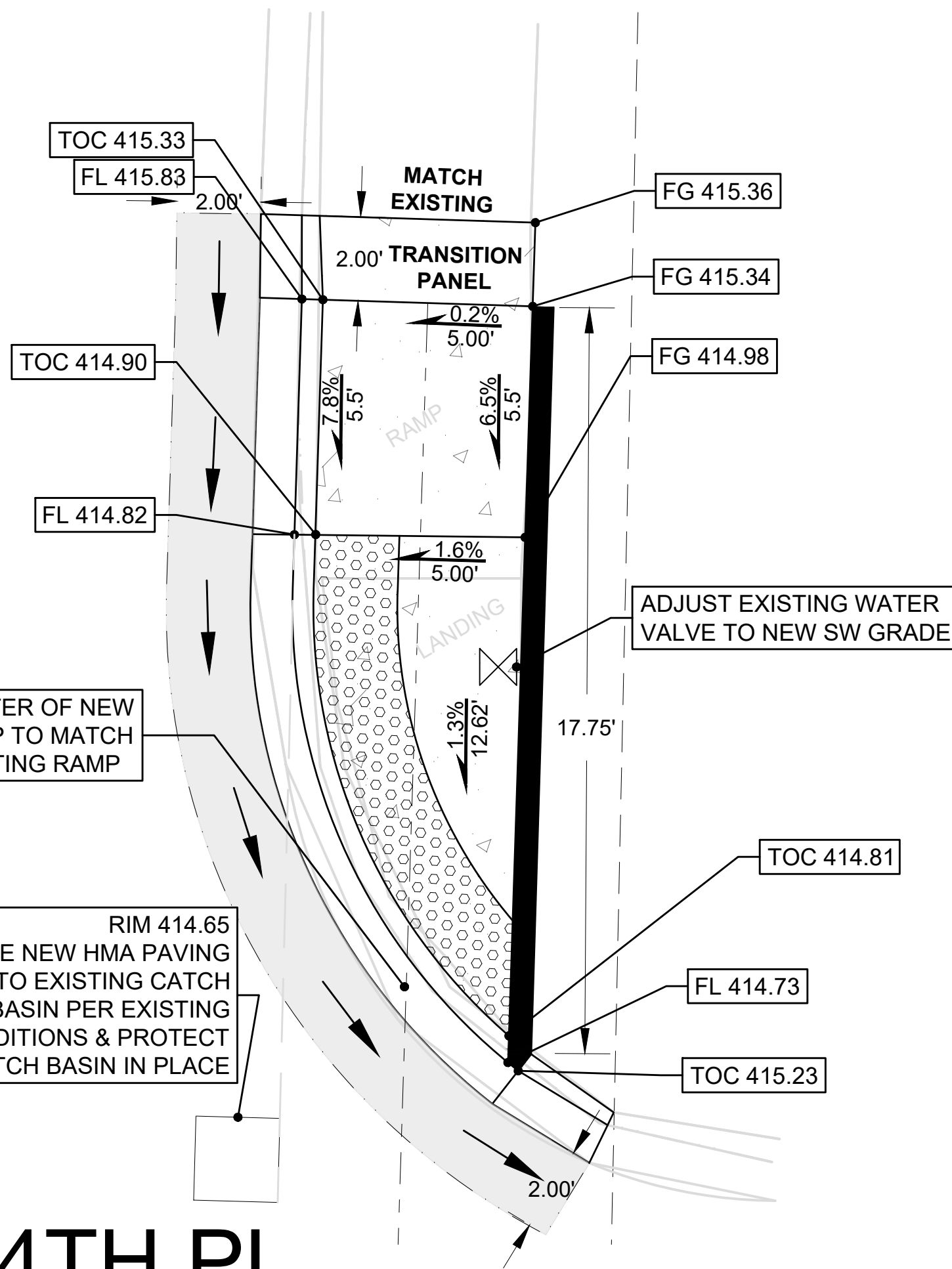
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S 324TH PL

17TH AVE S



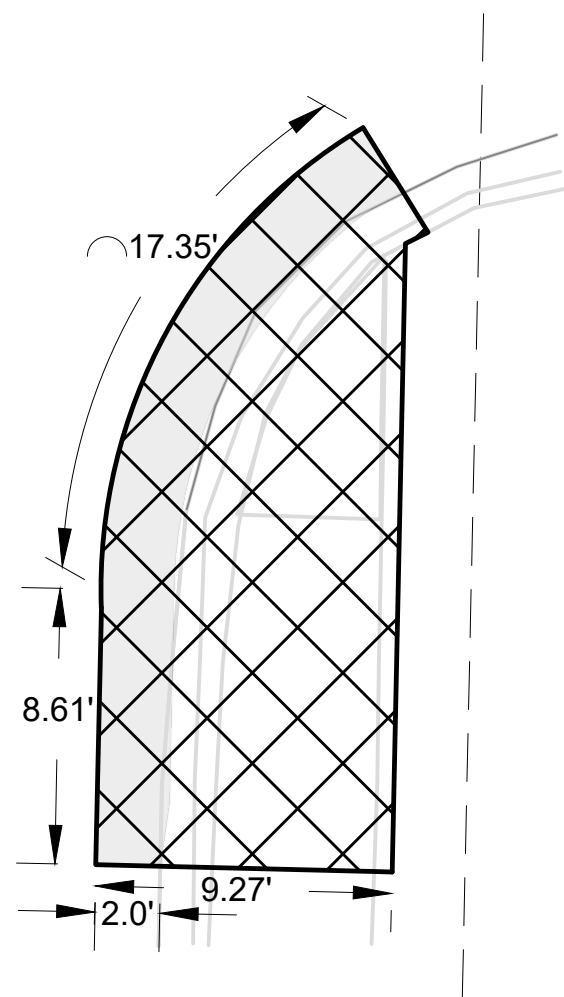
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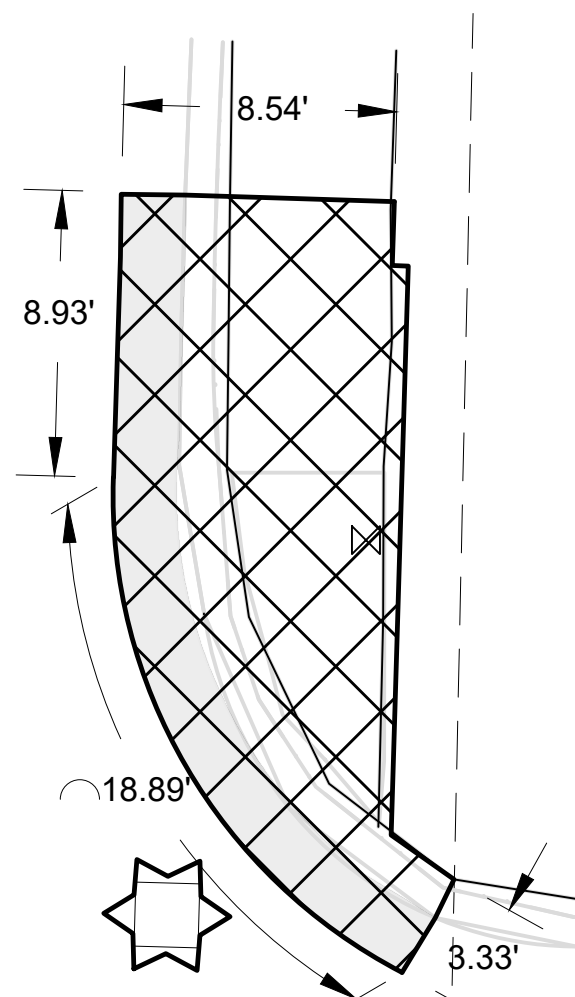
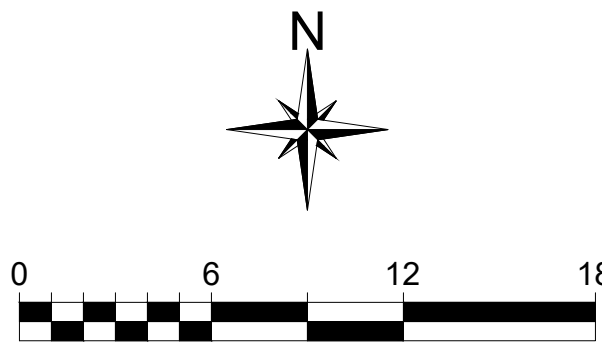
S 324TH PL

11 SOUTH EAST CORNER OF 17TH AVE S & S 324TH PL
CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION

12 NORTH EAST CORNER OF 17TH AVE S & S 324TH PL
CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION



CONSTRUCTION LIMITS & TESC



CONSTRUCTION LIMITS & TESC

LEGEND

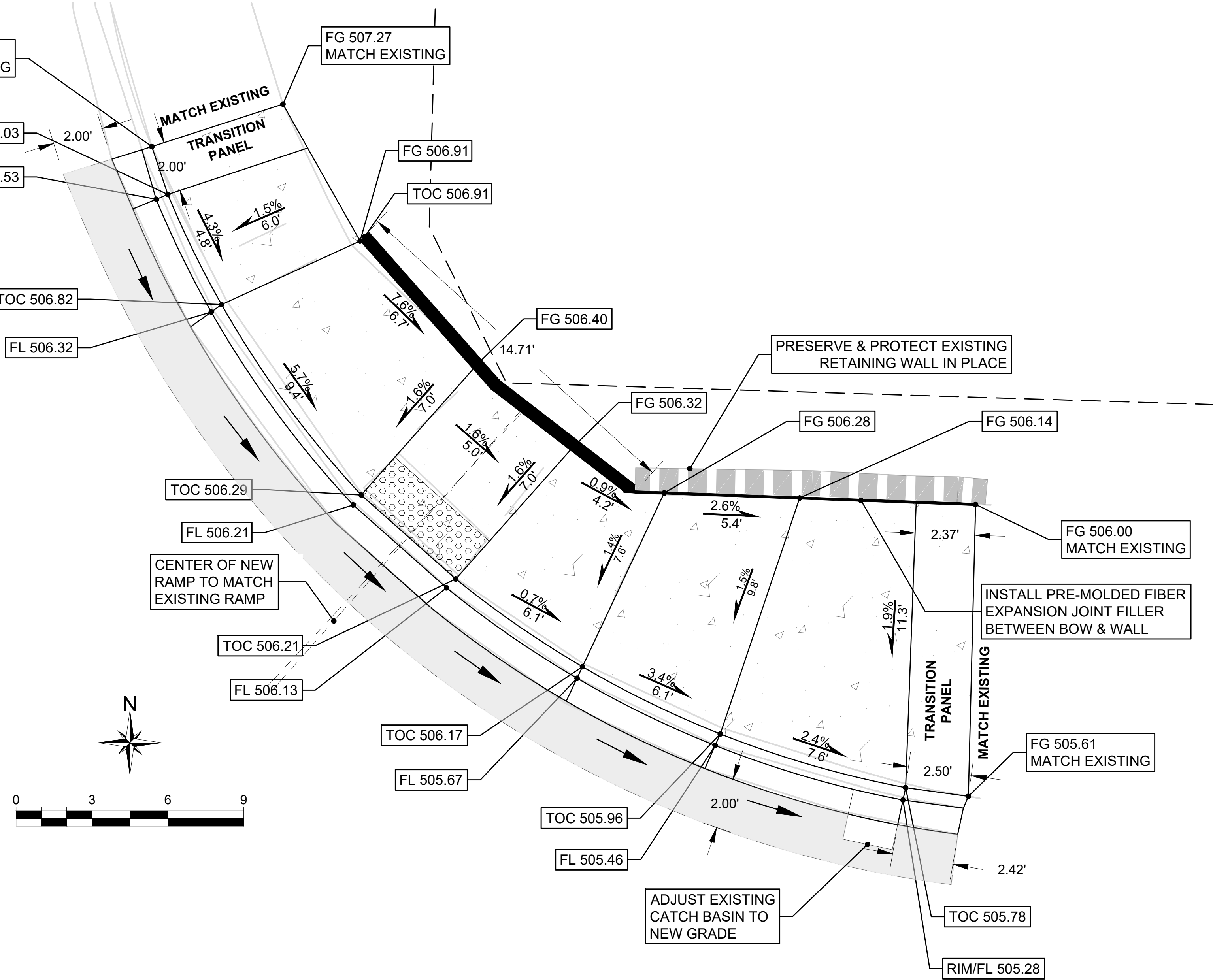
- CEMENT CONCRETE PEDESTRIAN CURB
- YELLOW TRUNCATED DOME DETECTABLE WARNING SURFACE
- ROADWAY EXCAVATION INCL. HAUL
- INLET PROTECTION INSERT

FL = GUTTER FLOW LINE
TOC = TOP OF CURB
FG = FINISH GRADE

CURB RAMP NOTES

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- INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-05.
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- ORIGINAL SURVEY MAY BE PROVIDED BY CITY UPON REQUEST FROM CONTRACTOR.

22ND AVE S



S 312TH ST

13

22ND AVENUE S & S 312TH STREET, NORTHEAST CORNER
CEMENT CONC. CURB RAMP TYPE PARALLEL A

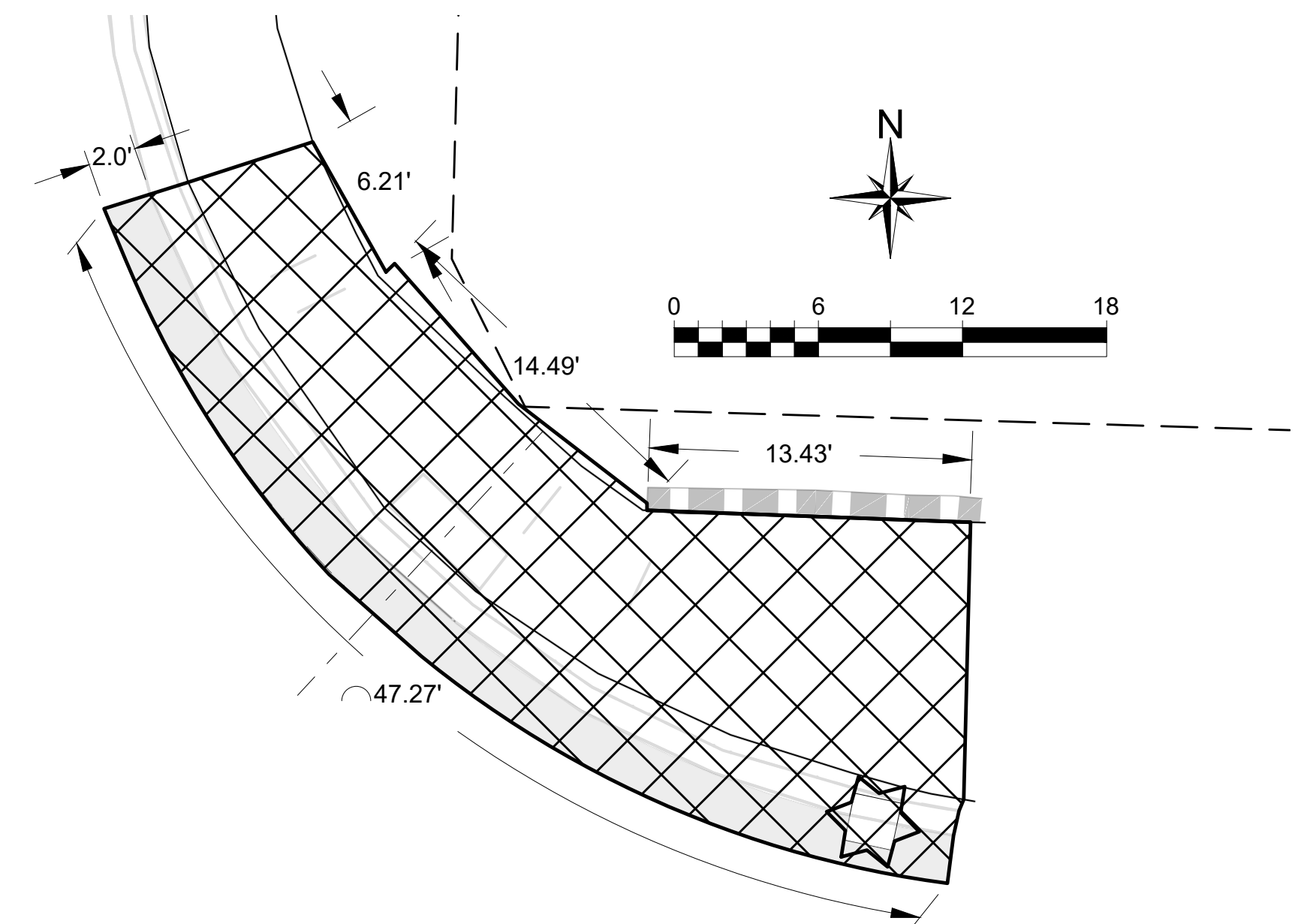
LEGEND

- CEMENT CONCRETE PEDESTRIAN CURB
- YELLOW TRUNCATED DOME DETECTABLE WARNING SURFACE
- ROADWAY EXCAVATION INCL. HAUL
- EXISTING BRICK RETAINING WALL
- INLET PROTECTION INSERT

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TOC = TOP OF CURB
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CONSTRUCTION LIMITS & TESC

100% DESIGN



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2024 ADA RETROFIT PROGRAM

CURB RAMPS & LIMITS
22ND AVENUE S & S 312TH STREET - CURB RAMP 13

CITY PROJECT #:
36228
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