

U.S.B.I.A. REGION	RESERVATION	STATE	PROJ. NO.	SHEET No.	TOTAL
NORTHWEST	TULALIP	WA		1	10

TULALIP INDIAN RESERVATION

CONTRACT PLANS PAVEMENT REHABILITATION PROJECTS 2021



TULALIP INDIAN RESERVATION SNOHOMISH COUNTY 28TH DR NW (BIA ROUTE 1080)

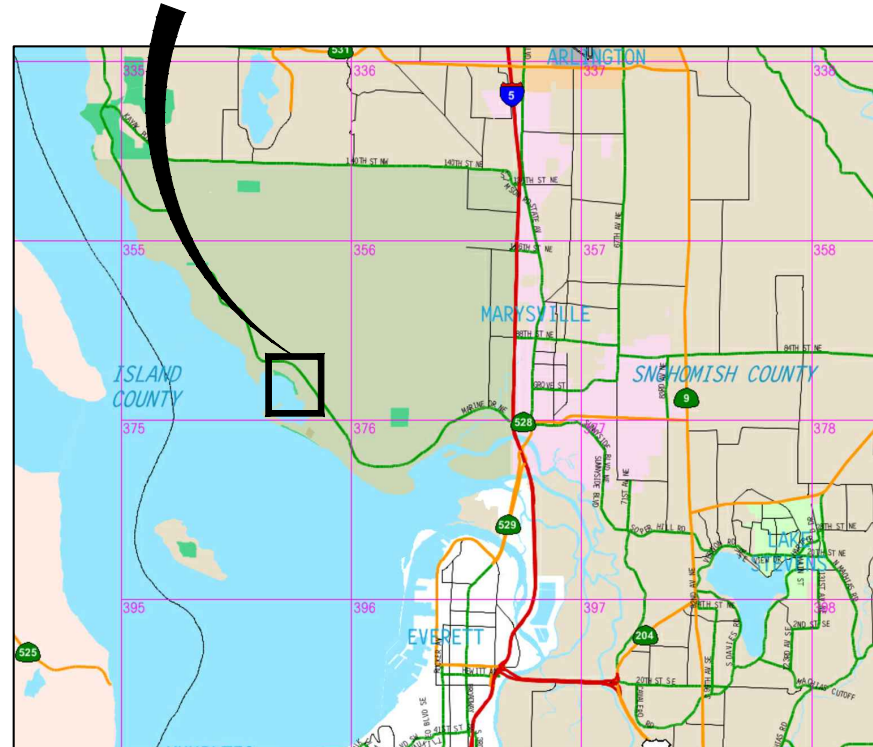
DESIGN STANDARDS:

WSDOT DESIGN MANUAL 2021
WSDOT STANDARD PLANS 2021
SNOHOMISH COUNTY ENGINEERING DESIGN AND DEVELOPMENT STANDARDS 2021

STANDARD SPECIFICATIONS:

WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION 2022

PROJECT LOCATION



UTILITIES:

ZIPLY FIBER
13293 SMOKEY POINT BLVD
MARYSVILLE, WA 98271
ATTN: TIM RENNICK
OFFICE: (425) 263-4025
CELL: (425) 210-0333

SALISH NETWORKS
2601 88TH ST. NE
QUIL CEDA VILLAGE, WA 98271
ATTN: RICHARD BROWN
OFFICE: (360) 716-3277

VERIZON
OSP ENGINEERING
PO BOX 1003
EVERETT, WA 98200
ATTN: TIM RENNICK
OFFICE: (425) 327-8118

OWNER:

THE TULALIP TRIBES
6406 MARINE DR
TULALIP, WA 98271
ATTN: CHRISTINA PARKER
CELL: (360) 913-4205
OFFICE: (360) 716-5024

SNOHOMISH COUNTY PUBLIC UTILITIES DISTRICT (PUD)
210 E DIVISION STREET
ARLINGTON, WA 98223
ATTN: KALLEN SHAUGNESSY-RANDALL
OFFICE: (425) 783-4370

TULALIP TECHNOLOGY DATA SERVICES
2601 88TH ST. NE
QUIL CEDA VILLAGE, WA 98271
ATTN: KEVIN JONES
(360) 716-5150

TULALIP UTILITIES
3015 MISSION BEACH RD
TULALIP, WA 98271
ATTN: MIKE LESLIE
OFFICE: (360) 716-4840

ENGINEER:

PARAMETRIX
719 2ND AVE, #200
SEATTLE, WA 98104
ATTN: HAPPY LONGFELLOW
OFFICE: (206) 394-3700

INDEX TO DRAWINGS		
DWG NO.	SHT NO.	SHEET TITLE
1	G1	COVER SHEET
2	G2	LEGEND & ABBREVIATIONS
3	SV1	SURVEY MAP AND HORIZONTAL CONTROL PLAN
4	RS1	ROADWAY SECTIONS
5	DM1	DEMOLITION AND TESC PLAN
6	DM2	DEMOLITION AND TESC NOTES AND DETAILS
7	RD1	ROADWAY AND STORM DRAINAGE PLAN & PROFILE
8	RD2	ROADWAY AND STORM DRAINAGE PLAN & PROFILE
9	SDD1	STORM DRAINAGE DETAILS
10	GR1	CURB RAMP GRADING PLAN



Know what's below.
Call before you dig.

LAYOUT: G1 PATH: U:\PSC\Projects\Clients\1598-Tulalip Tribes\554-1598-140_2021PmtRehabProjects\CADD\DWG_28TH PLOTTED BY: Suelidm DATE: Tuesday, April 26, 2022 1:26:13 PM

REVISIONS	DATE	BY	DESIGNED
			D. SUSLIKOV
			D. SUSLIKOV
			A. FISHER
			H. LONGFELLOW

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
PU5541598140-28th-G1

JOB No.
554-1598-140

DATE
APRIL 2022



4/26/22

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

1019 39TH AVENUE SE, SUITE 100 | PUYALLUP, WA 98374
P 253.604.6600
WWW.PARAMETRIX.COM

PROJECT NAME
PAVEMENT REHABILITATION 2021
28TH DR NW
THE TULALIP TRIBES
TULALIP, WASHINGTON

COVER SHEET

DRAWING NO.
1 OF 10

G1

PATH: U:\PSC\Projects\Clients\1598-Tulalip Tribes\1598-140_2021PvmRehabProjects\995\cadd\DWG\28TH PLOTTED BY: SusIDmi DATE: Tuesday, April 26, 2022 1:27:14 PM LAYOUT: G2

LEGEND

DESCRIPTION	PROPOSED	EXISTING
ALIGNMENT CENTERLINE	---	---
MAJOR CONTOUR	=====	-----
MINOR CONTOUR	-----	-----
CHAINLINK FENCE	-----	-----
EDGE OF ASPHALT	=====	-----
CABLE TV OVERHEAD	-----	-----
FIBER OPTIC LOCATES	-----	-----
STORM DRAIN	=====	-----
SEWER	-----	-----
OVERHEAD POWER LINE	-----	-----
POWER	-----	-----
FACE OF CURB	=====	-----
BACK OF CURB	=====	-----
CONCRETE	-----	-----

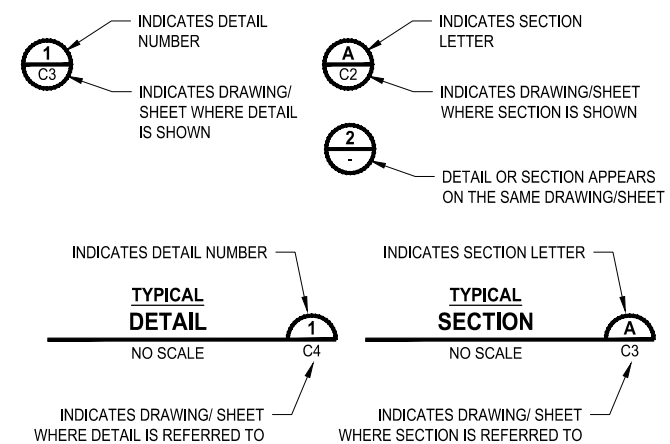
LEGEND

DESCRIPTION	PROPOSED	EXISTING
FOUND CASED MONUMENT	■	■
FOUND REBAR AND CAP	■	■
SET PK	■	■
CATCH BASIN	■	■
CATCH BASIN SOLID LID	■	■
MANHOLE SEWER	■	■
FIRE HYDRANT	■	■
WATER METER	■	■
WATER VALVE	■	■
STANDARD STREET LIGHT	■	■
POWER POLE	■	■
CABLE TV JUNCTION BOX	■	■
MAIL BOX	■	■
BOLLARD	■	■
SIGN	■	■
DECIDUOUS TREE	■	■
CONIFER TREE	■	■

ABBREVIATIONS

AP	ANGLE POINT
ASPH	ASPHALT
AVE	AVENUE
BVC	BEGIN VERTICAL CURVE
CB	CATCH BASIN
CEM	CEMENT
CL	CENTERLINE
CND	CONDUIT
CO	COUNTY, CLEANOUT
CONC	CONCRETE
CONST	CONSTRUCT, CONSTRUCTION
CSBC	CRUSHED SURFACING BASE COURSE
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DWG	DRAWING
E	EAST, EASTING
EA	EACH
EC	END OF CURVE
EL	ELEVATION
ENGR	ENGINEER
EOP	EDGE OF PAVEMENT
EVC	END VERTICAL CURVE
EXIST	EXISTING
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FM	FORCE MAIN
FT	FEET, FOOT
G	GAS
GB	GRADE BREAK
GV	GATE VALVE
HORIZ	HORIZONTAL
HP	HIGH POINT
IE	INVERT ELEVATION
IN	INCH
INCL	INCLUDE, INCLUDING
LP	LOW POINT
ME	MATCH EXISTING
MH	MANHOLE
MISC	MISCELLANEOUS
MON	MONUMENT
MIN	MINIMUM
N	NORTH, NORTHING
NTS	NOT STEEPER THAN
P	POWER
PC	POINT OF CURVE
PCC	PORTLAND CEMENT CONCRETE
PERF	PERFORATE, PERFORATED
PI	POINT OF INTERSECTION, PRESSURE INDICATOR
PT	POINT OF TANGENCY, POINT
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS
RD	ROAD
ROW	RIGHT OF WAY
RPM	RAISED PAVEMENT MARKER
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SPEC	SPECIFICATION
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
T	TELEPHONE
TEL	TELEPHONE
TOC	TOP OF CURB
TYP	TYPICAL
VAR	VARIES
VC	VERTICAL CURVE, VITRIFIED CLAY
W	WATER, WEST
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

DETAIL AND SECTION DESIGNATION



Know what's below. Call before you dig.

REVISIONS	DATE	BY	DESIGNED
			D. SUSLIKOV
			D. SUSLIKOV
			A. FISHER
			H. LONGFELLOW

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
 FILE NAME: PU5541598140-28th-G2
 JOB No: 554-1598-140
 DATE: APRIL 2022

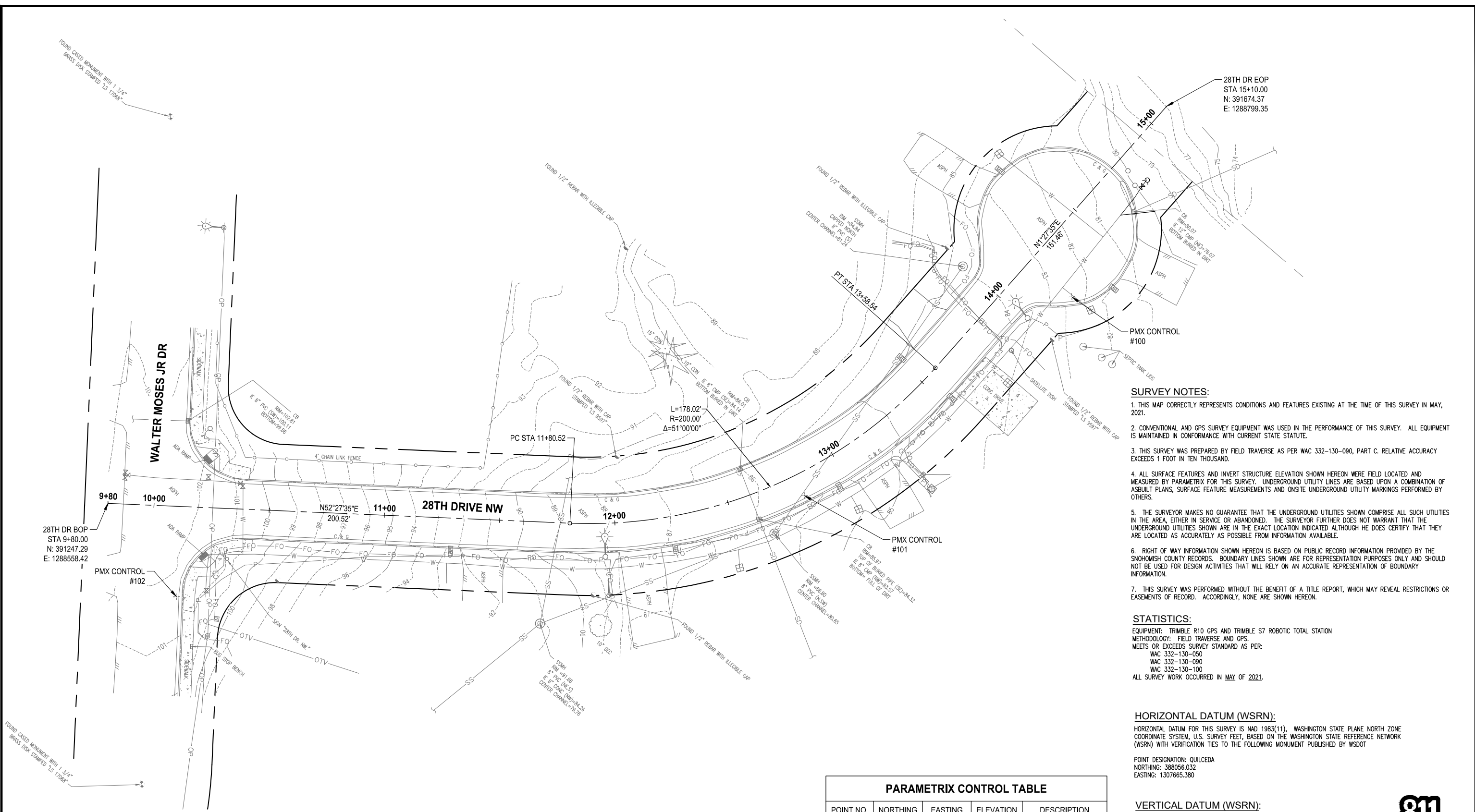


Parametrix
 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
 1019 39TH AVENUE SE, SUITE 100 | PUJALLUP, WA 98374
 P 253.604.6600
 WWW.PARAMETRIX.COM

PROJECT NAME
PAVEMENT REHABILITATION 2021
28TH DR NW
THE TULALIP TRIBES
 TULALIP, WASHINGTON

LEGEND & ABBREVIATIONS

PATH: U:\P50\Projects\Clients\1598-Tulip Tribes\1598-Tulip Tribes\554-1598-140-2021\pm\HRender\Projects\995\cadd\DWG\28TH
 LAYOUT: SV1
 PLOTTED BY: Susidmi DATE: Tuesday, April 26, 2022 1:28:41 PM



- SURVEY NOTES:**
1. THIS MAP CORRECTLY REPRESENTS CONDITIONS AND FEATURES EXISTING AT THE TIME OF THIS SURVEY IN MAY, 2021.
 2. CONVENTIONAL AND GPS SURVEY EQUIPMENT WAS USED IN THE PERFORMANCE OF THIS SURVEY. ALL EQUIPMENT IS MAINTAINED IN CONFORMANCE WITH CURRENT STATE STATUTE.
 3. THIS SURVEY WAS PREPARED BY FIELD TRAVERSE AS PER WAC 332-130-090, PART C. RELATIVE ACCURACY EXCEEDS 1 FOOT IN TEN THOUSAND.
 4. ALL SURFACE FEATURES AND INVERT STRUCTURE ELEVATION SHOWN HEREON WERE FIELD LOCATED AND MEASURED BY PARAMETRIX FOR THIS SURVEY. UNDERGROUND UTILITY LINES ARE BASED UPON A COMBINATION OF ASBUILT PLANS, SURFACE FEATURE MEASUREMENTS AND ONSITE UNDERGROUND UTILITY MARKINGS PERFORMED BY OTHERS.
 5. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.
 6. RIGHT OF WAY INFORMATION SHOWN HEREON IS BASED ON PUBLIC RECORD INFORMATION PROVIDED BY THE SNOHOMISH COUNTY RECORDS. BOUNDARY LINES SHOWN ARE FOR REPRESENTATION PURPOSES ONLY AND SHOULD NOT BE USED FOR DESIGN ACTIVITIES THAT WILL RELY ON AN ACCURATE REPRESENTATION OF BOUNDARY INFORMATION.
 7. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT, WHICH MAY REVEAL RESTRICTIONS OR EASEMENTS OF RECORD. ACCORDINGLY, NONE ARE SHOWN HEREON.

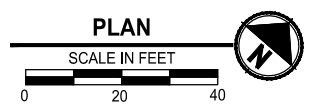
STATISTICS:
 EQUIPMENT: TRIMBLE R10 GPS AND TRIMBLE S7 ROBOTIC TOTAL STATION
 METHODOLOGY: FIELD TRAVERSE AND GPS.
 MEETS OR EXCEEDS SURVEY STANDARD AS PER:
 WAC 332-130-050
 WAC 332-130-090
 WAC 332-130-100
 ALL SURVEY WORK OCCURRED IN MAY OF 2021.

HORIZONTAL DATUM (WSRN):
 HORIZONTAL DATUM FOR THIS SURVEY IS NAD 1983(11), WASHINGTON STATE PLANE NORTH ZONE COORDINATE SYSTEM, U.S. SURVEY FEET, BASED ON THE WASHINGTON STATE REFERENCE NETWORK (WSRN) WITH VERIFICATION TIES TO THE FOLLOWING MONUMENT PUBLISHED BY WSDOT

POINT DESIGNATION: QUILCEDA
 NORTHING: 388056.032
 EASTING: 1307665.380

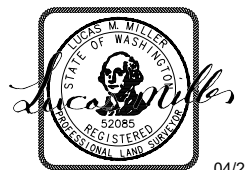
VERTICAL DATUM (WSRN):
 VERTICAL DATUM FOR THIS SURVEY IS NAVD 88 BASED ON THE WASHINGTON STATE REFERENCE NETWORK (WSRN) WITH VERIFICATION TIES TO THE FOLLOWING MONUMENT PUBLISHED BY WSDOT
 POINT DESIGNATION: QUILCEDA
 ELEVATION: 19.997

PARAMETRIX CONTROL TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	391584.61	1288820.97	82.29	SET PK
101	391444.02	1288787.64	85.73	SET PK
102	391235.38	1288607.17	101.76	SET PK



REVISIONS	DATE	BY	DESIGNED
			D. SUSLIKOV
			D. SUSLIKOV
			A. FISHER
			H. LONGFELLOW

ONE INCH AT FULL SCALE.
 IF NOT, SCALE ACCORDINGLY
 FILE NAME
 PU5541598140-28th-SV
 JOB No.
 554-1598-140
 DATE
 APRIL 2022



04/26/2022

Parametrix
 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
 1019 39TH AVENUE SE, SUITE 100 | PUYALLUP, WA 98374
 P 253.604.6600
 WWW.PARAMETRIX.COM

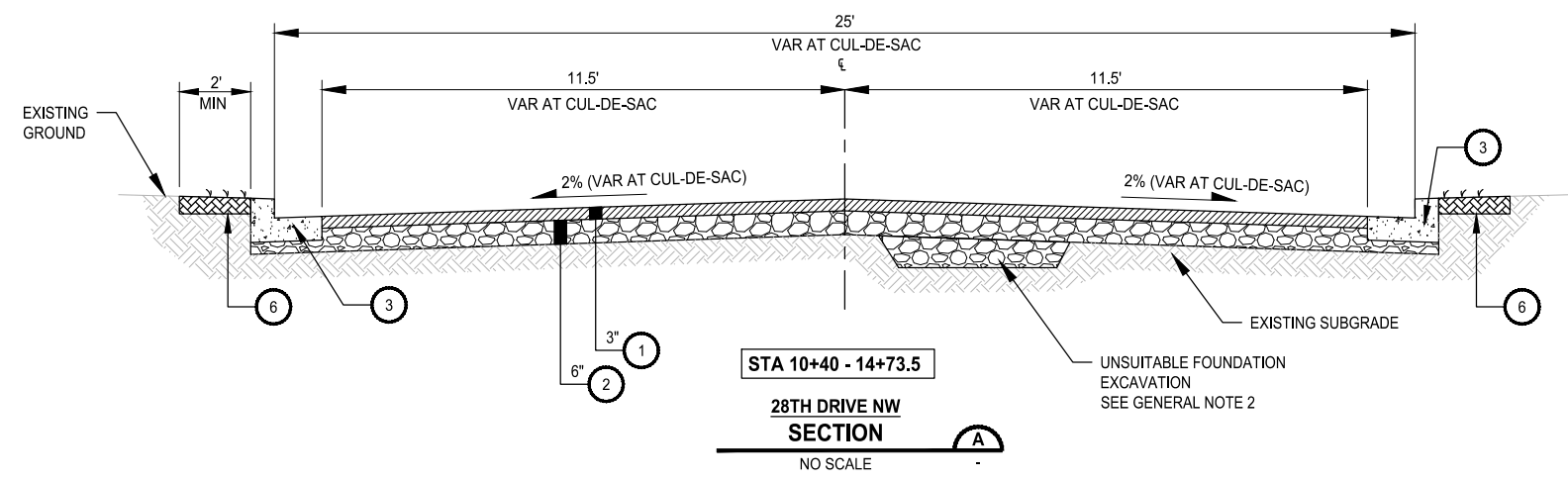
PROJECT NAME
PAVEMENT REHABILITATION 2021
28TH DR NW
THE TULALIP TRIBES
 TULALIP, WASHINGTON

SURVEY MAP
AND HORIZONTAL CONTROL PLAN

DRAWING NO.
 3 OF 10
SV1

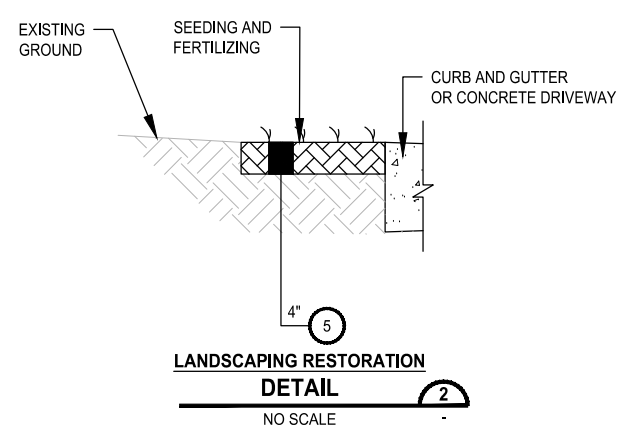
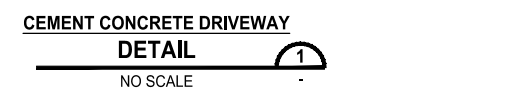
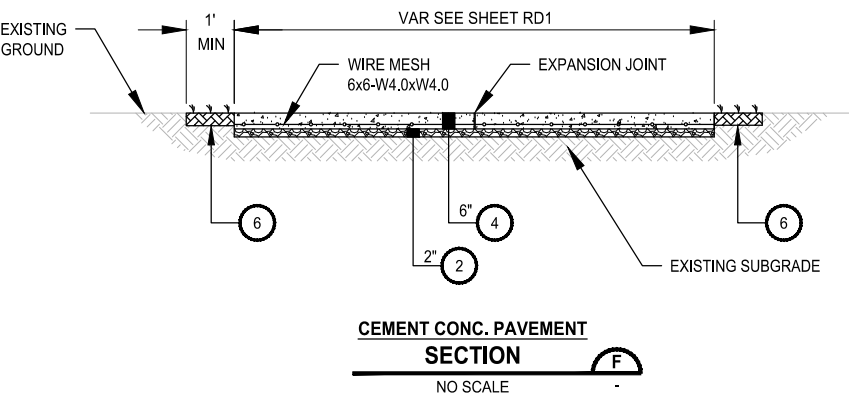
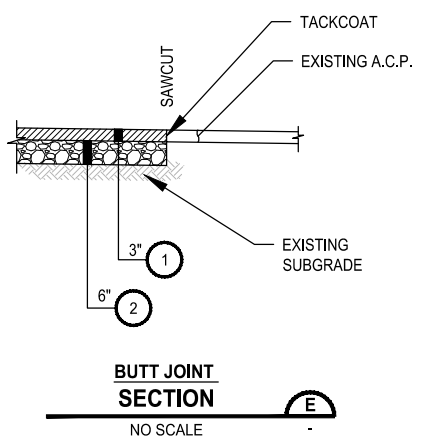
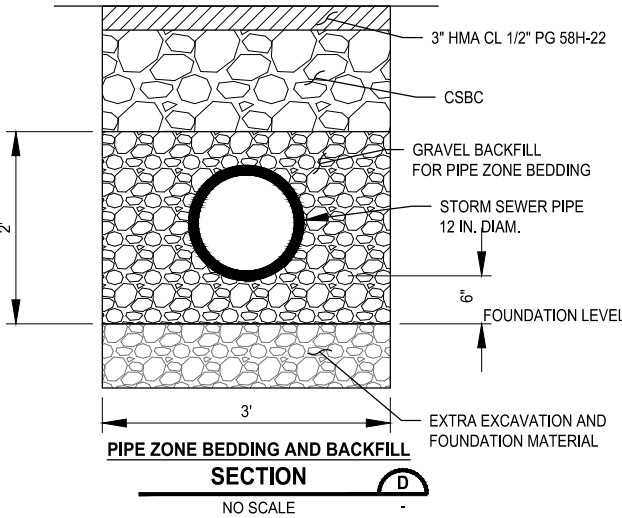
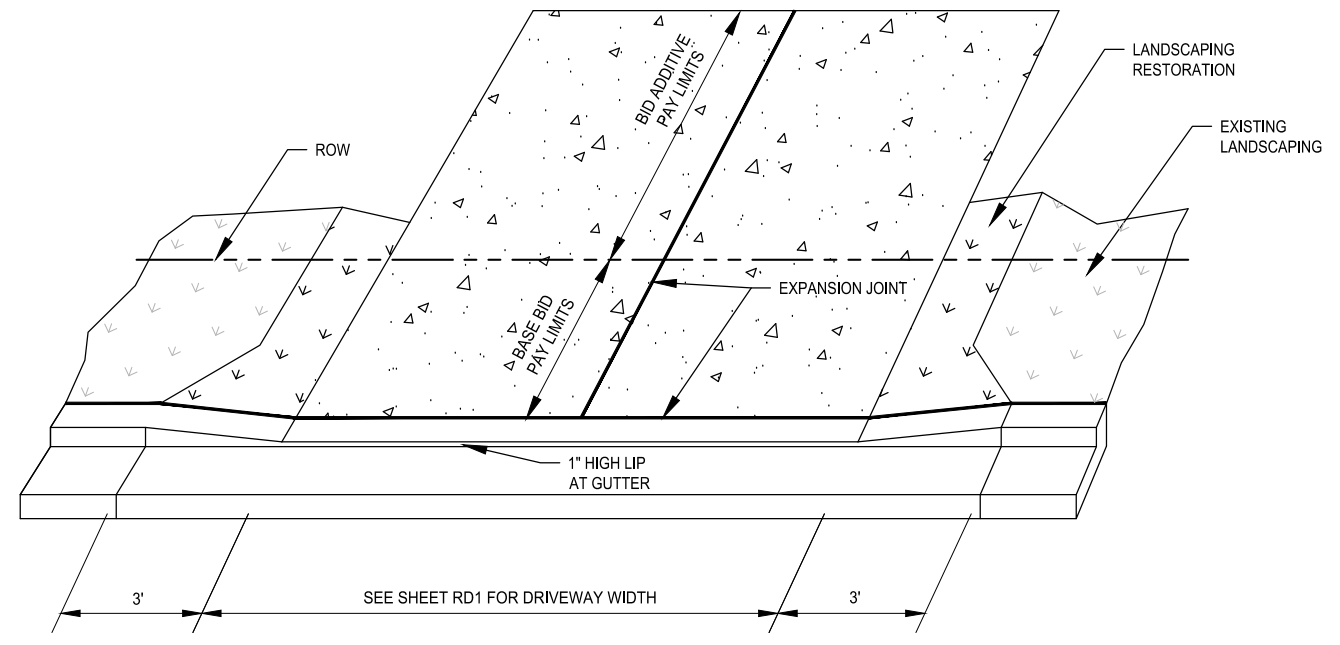
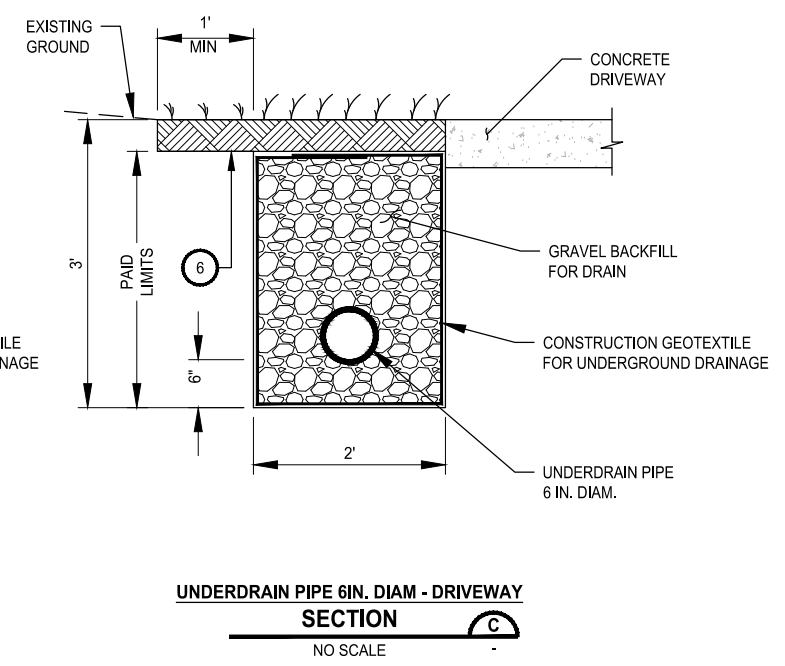
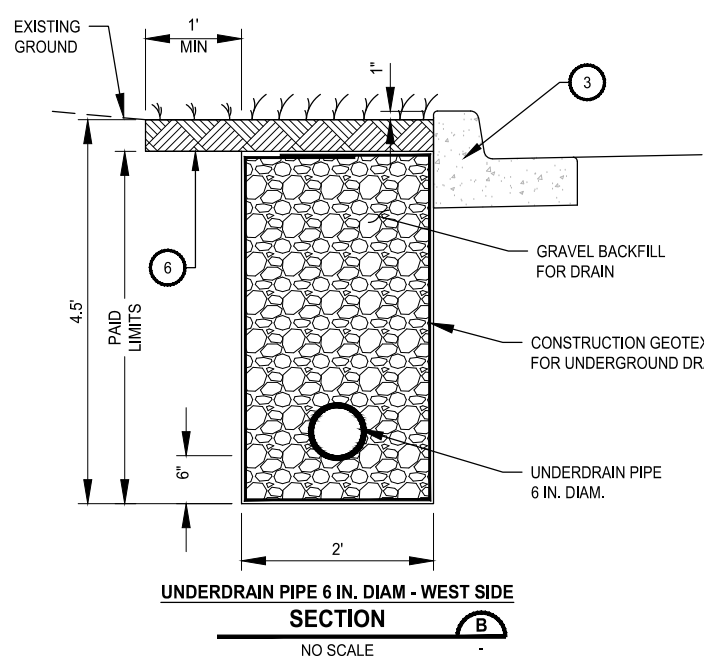


PLOTTED BY: Susidmi DATE: Wednesday, April 27, 2022 1:46:08 PM
 PATH: U:\PSO\Projects\Clients\1598-Tulip Tribes\1598-140-2021PmtRncb\Projects\995\cadd\DWG\28TH
 LAYOUT: RSI



- CONSTRUCTION NOTES:**
- 1 HMA CL 1/2" PG 58H-22.
 - 2 CRUSHED SURFACING BASE COURSE.
 - 3 CEMENT CONC. CURB AND GUTTER PER SNOHOMISH COUNTY ST PLAN 4-140.
 - 4 CONCRETE.
 - 5 TOPSOIL TYPE A.
 - 6 LANDSCAPING RESTORATION. 2

- GENERAL NOTES:**
1. REFER TO BUTT JOINT DETAIL THIS SHEET WHEN TRANSITIONING FROM EXISTING TO NEW PAVING.
 2. UNSUITABLE FOUNDATION EXCAVATION AREA AS DIRECTED BY ENGINEER. SHALL BE BACKFILLED WITH CSBC. SEE SPECIAL PROVISIONS.



REVISIONS	DATE	BY	DESIGNED
			DVS
			DVS
			A. FISHER
			H. LONGFELLOW

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: PU5541598140-28th-RS
 JOB No.: 554-1598-140
 DATE: APRIL 2022



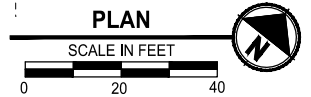
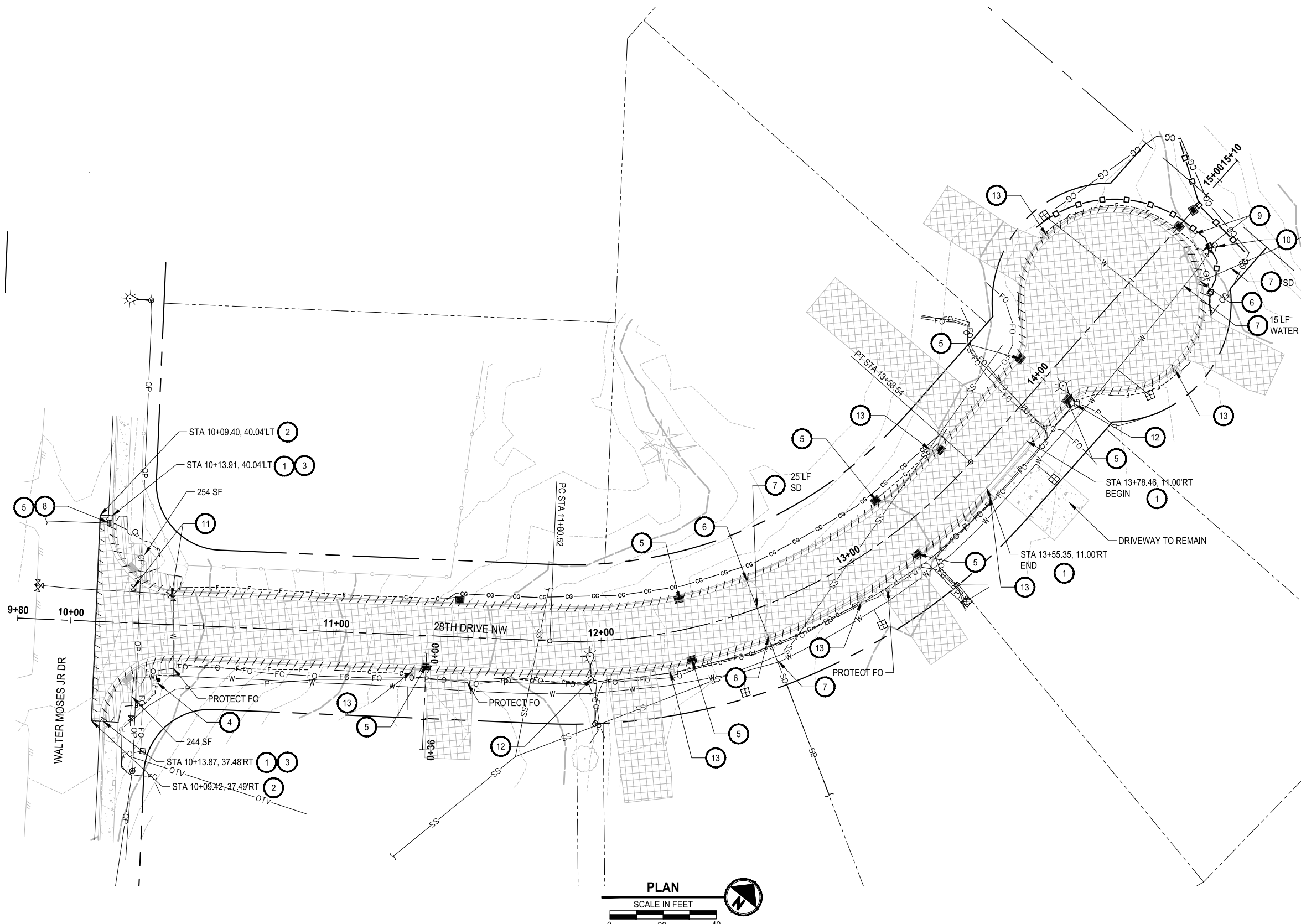
Parametrix
 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
 1019 39TH AVENUE SE, SUITE 100 | PUJALLUP, WA 98374
 P 253.604.6600
 WWW.PARAMETRIX.COM

PROJECT NAME
PAVEMENT REHABILITATION 2021
28TH DR NW
THE TULALIP TRIBES
 TULALIP, WASHINGTON

ROADWAY SECTIONS

DRAWING NO.
 4 OF 10
RS1

PATH: U:\PSO\Projects\Clients\1598-Tulip Tribes\1598-140-2021PmtRehabProjects\995\cadd\DWG\28TH PLOTTED BY: SvalDimi DATE: Tuesday, April 26, 2022 1:56:12 PM LAYOUT: DM1



- DEMOLITION NOTES:**
- 1 REMOVE CURB AND/OR CURB AND GUTTER TO NEAREST JOINT.
 - 2 SAWCUT ASPHALT CONCRETE AT LOCATION SHOWN.
 - 3 SAWCUT CEMENT CONCRETE AT LOCATION SHOWN.
 - 4 SEE ROAD PLAN & PROFILE SHEET FOR SIGN REMOVAL/RELOCATION INFORMATION.
 - 5 INSTALL INLET SEDIMENT PROTECTION. SEE SHEET DM2.
 - 6 REMOVE EXISTING DRAINAGE STRUCTURE.
 - 7 REMOVE EXISTING STORM SEWER AND WATER PIPE.
 - 8 MAINTAIN AND PROTECT EXISTING STORM STRUCTURE.
 - 9 REMOVE EXISTING BOLLARD.
 - 10 RESET EXISTING HYDRANT. SEE SHEET RD2.
 - 11 ADJUST EXISTING UTILITIES TO FINISHED GRAD.
 - 12 PROTECT AND MAINTAIN EXISTING LUMINARIES.
 - 13 PROTECT MAILBOX.

- GENERAL NOTES:**
1. DRIVEWAY PAVEMENT REMOVAL LIMITS SHOWN ARE APPROXIMATE. CONTRACTOR TO COORDINATE THE REMOVAL LIMITS WITH THE CONTRACTING AGENCY.
 2. MAINTAIN AND PROTECT ALL TREES OUTSIDE OF SILT FENCE LIMITS.

- DEMO LEGEND:**
- SAWCUT LINE
 - - - - - DEMOLITION LINE
 - SILT FENCE
 - CG CG CLEARING AND GRUBBING
 - - - - - F FILL CATCHLINE
 - - - - - C CUT CATCHLINE
- [Cross-hatched box] REMOVE ASPHALT CONC. PAVEMENT
 - [Diagonal-hatched box] REMOVE CEMENT CONC. SIDEWALK



REVISIONS	DATE	BY	DESIGNED
			D. SUSLIKOV
			D. SUSLIKOV
			A. FISHER
			H. LONGFELLOW

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
PU5541598140-28th-DM

JOB No.
554-1598-140

DATE
APRIL 2022



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

1019 39TH AVENUE SE, SUITE 100 | PUYALLUP, WA 98374
P 253.604.6600
WWW.PARAMETRIX.COM

PROJECT NAME
**PAVEMENT REHABILITATION 2021
28TH DR NW
THE TULALIP TRIBES**
TULALIP, WASHINGTON

DEMOLITION AND TESC PLAN

DRAWING NO.
5 OF 10
DM1

GENERAL NOTES (EROSION CONTROL)

1. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE BEGINNING OF CONSTRUCTION. THE ENGINEER AND CONTRACTOR SHALL INSPECT AND APPROVE THE INSTALLATION OF EROSION CONTROL MEASURES PRIOR TO BEGINNING CONSTRUCTION.
2. EROSION CONTROL MEASURES ARE NOT LIMITED TO THE ITEMS SHOWN ON THIS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES. SILTATION OF EXISTING OR PROPOSED DRAINAGE FACILITIES SHALL NOT BE ALLOWED. CARE SHALL BE TAKEN TO PREVENT MITIGATION OF SILTS TO OFF SITE PROPERTIES.
3. THE CONTRACTOR SHALL MAKE DAILY SURVEILLANCE OF ALL EROSION CONTROL MEASURES AND MAKE ANY NECESSARY REPAIRS OR ADDITIONS TO THE EROSION CONTROL MEASURES AS REQUIRED. THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS DETERMINED BY THE INSPECTOR OR ENGINEER. FAILURE TO COMPLY WITH ALL TRIBAL EROSION CONTROL REQUIREMENTS MAY RESULT IN CIVIL PENALTIES BEING LEVIED AGAINST THE CONTRACTOR.
4. DURING THE WET SEASON, NOVEMBER TO MARCH INCLUSIVE, ALL DISTURBED SOILS SHALL BE STABILIZED WITHIN 48 HOURS AFTER STOP OF WORK. EROSION CONTROL MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, COVERING THE AFFECTED AREA INCLUDING SPOIL PILES WITH PLASTIC SHEETING, STRAW MATTING, JUTE MATTING, STRAW MULCH, OR WOOD CHIPS. SEEDING OF THE DISTURBED AREAS SHALL TAKE PLACE AS WEATHER PERMITS.
5. ALL SEEDED OR SODDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE VEGETATIVE COVERAGE IS COMPLETE. AREAS SHALL BE REPAIRED, RESEEDED, AND FERTILIZED AS REQUIRED.
6. TRACKING OF SOIL OFF SITE WILL NOT BE ALLOWED. IF SOIL IS TRACKED ON TO A PUBLIC STREET, IT SHALL BE REMOVED BY THE END OF THAT WORKING DAY. ANY FURTHER TRACKING OF MUD SHALL THEN BE PREVENTED BY SWEEPING OR WASHING OF THE VEHICLE'S TIRES BEFORE DRIVING ON A STREET.
7. NO MORE THAN 300 LF OF TRENCH SHALL BE OPENED AT ONE TIME.
8. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
9. TRENCH DEWATERING DEVICES SHALL BE DISCHARGED IN A MANNER THAT WILL NOT ADVERSELY AFFECT FLOWING STREAMS, DRAINAGE SYSTEMS, OR OFF SITE PROPERTIES.
10. ALL STORM SEWER INLETS RECEIVING RUNOFF FROM THE PROJECT DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER WILL BE FILTERED BEFORE ENTERING THE CONVEYANCE SYSTEM.
11. ALL OFF SITE CATCH BASINS IMMEDIATELY ADJACENT TO THE SITE SHALL BE PROTECTED FROM SILTATION.
12. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED UPON COMPLETION OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT COMPLETE COVERAGE OF THE DISTURBED AREAS IS PROVIDED AND THAT GROWTH OF VEGETATION IS ESTABLISHED FOR 3 MONTHS.

SILT FENCES:

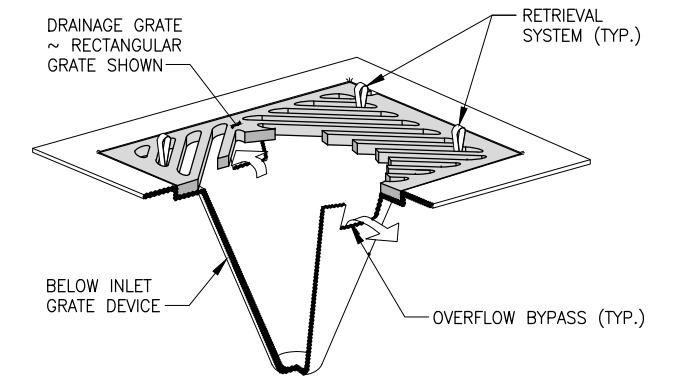
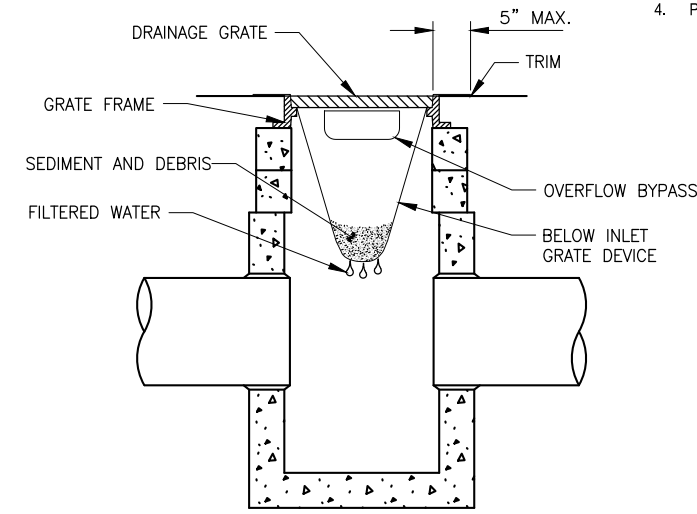
1. SILT FENCE SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY FASTENED AT BOTH ENDS TO POST.
2. POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES).
3. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
4. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG, THE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
5. THE STANDARD STRENGTH SILT FENCE SHALL BE STAPLED OR WIRED TO THE FENCE, AND 20 INCHES OF THE SILT FENCE SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. SILT FENCE SHALL NOT BE STAPLED TO EXISTING TREES.
6. WHEN EXTRA-STRENGTH SILT FENCE AND CLOSER POST SPACING IS USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE SILT FENCE IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ABOVE NOTES APPLYING.
7. SILT FENCES SHALL NOT BE REMOVED BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
8. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

INLET SEDIMENT PROTECTION

1. CATCH BASIN INSERT INSTALLATION:
2. REMOVE CATCH BASIN GRATE
3. CLEAN DIRT AND DEBRIS FROM GRATE LEDGE
4. PLACE INSERT OVER CATCH BASIN OPENING WITH BAG INSIDE BASIN
5. REPLACE GRATE, AT THE SAME TIME PINCH INSERT FABRIC BETWEEN GRATE AND CATCH BASIN FRAME
6. CUT EXCESS FABRIC OFF AND LEAVE THREE TO FIVE INCHES OF FABRIC AROUND OUTSIDE SIDE OF GRATE IF INSERT IS REUSABLE

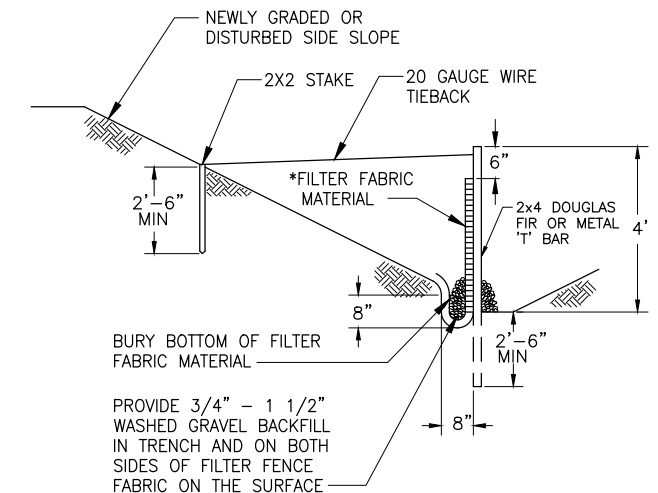
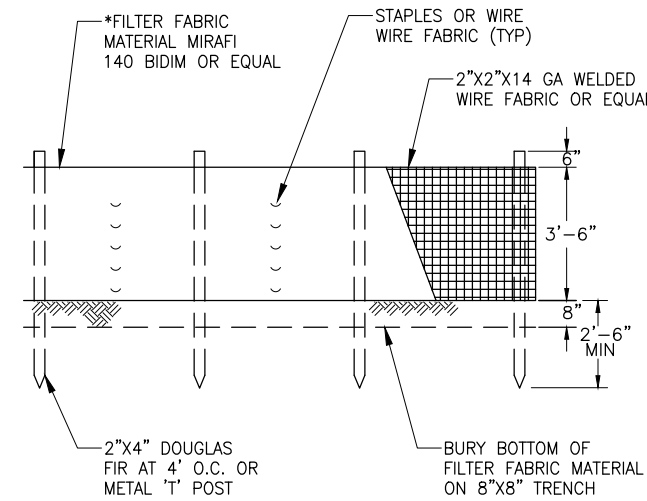
NOTES:

1. SIZE THE BELOW INLET GRATE DEVICE FOR THE STORM WATER STRUCTURE IT WILL SERVICE.
2. THE INSERT SHALL HAVE A BUILT-IN HIGH-FLOW RELIEF SYSTEM (OVERFLOW BYPASS).
3. THE RETRIEVAL SYSTEM MUST ALLOW REMOVAL OF THE INSERT WITHOUT SPILLING THE COLLECTED MATERIAL.
4. PERFORM MAINTENANCE IN ACCORDANCE WITH STANDARD SPECIFICATION 8-01.3(15).



INLET SEDIMENT PROTECTION

NO SCALE



NOTES:

1. SILT FENCE SHALL BE INSTALLED ON CONTOUR OTHER INSTALLATIONS ARE NOT ACCEPTABLE.
2. *FILTER FABRIC TO BE SPECIFIED BY ENGINEER.

SILT FENCE

PATH: U:\PSO\Projects\Clients\TulalipTribes\1598-TulalipTribes\554-1598-140_2021PmRehabProjects\985\cs\CA00\DWG\28th PROJECT NO. 1598-140 DATE: Tuesday, April 26, 2022 1:56:37 PM PLOTTED BY: SvalDimi LAYOUT: DM2

REVISIONS	DATE	BY	DESIGNED
			D.SUSLIKOV
			DRAWN D.SUSLIKOV
			CHECKED A. FISHER
			APPROVED H. LONGFELLOW

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

FILE NAME: PU5541598140-28th-DM
 JOB No: 554-1598-140
 DATE: APRIL 2022



Parametrix
 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

1019 39TH AVENUE SE, SUITE 100 | PUYALLUP, WA 98374
 P 253.604.6600
 WWW.PARAMETRIX.COM

PROJECT NAME
PAVEMENT REHABILITATION 2021
 28TH DR NW
 THE TULALIP TRIBES
 TULALIP, WASHINGTON

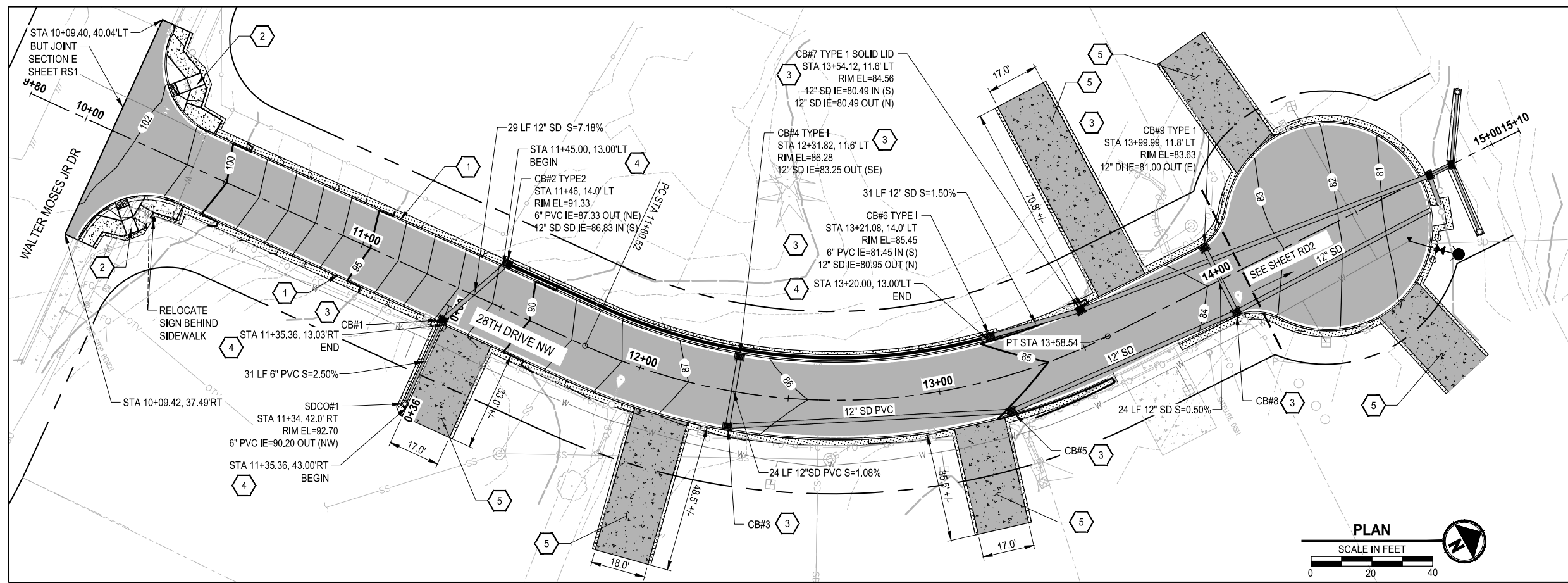
DEMOLITION AND TESC
 NOTES AND DETAILS

DRAWING NO.
 6 OF 10

DM2

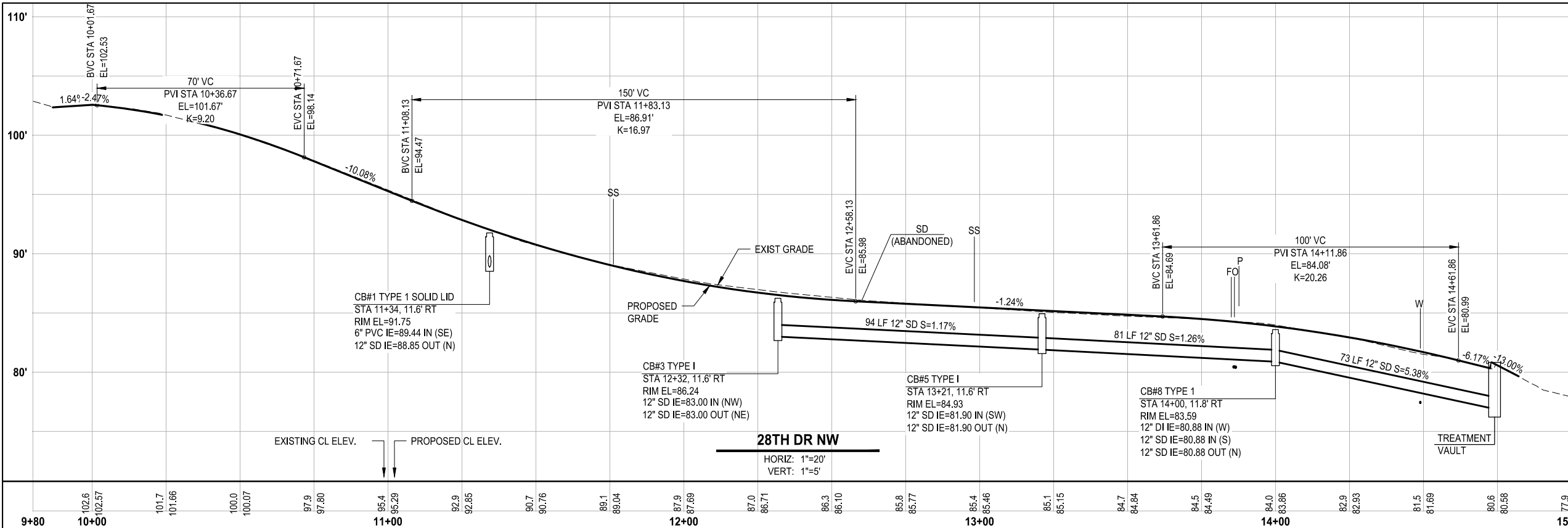


PATH: U:\PSO\Projects\Clients\1598-Tulalip Tribes\1598-140-2021\Plan\Rehab\Projects\995\cadd\DWG\28TH LAYOUT: RD1 PLOTTED BY: Suslikov DATE: Tuesday, April 26, 2022 1:59:34 PM



- ### ROADWAY CONSTRUCTION NOTES:
- 1 CONSTRUCT CEMENT CONC. TRAFFIC CURB AND GUTTER PER SNOHOMISH CO STD PLAN 4-140.
 - 2 CONSTRUCT CEMENT CONC. CURB RAMP PER DETAILS 1 AND 2 ON SHEET GR1.
 - 3 INSTALL CATCH BASIN TYPE 1 PER WSDOT STD. PLAN B-5.20-03. OFFSETS SHOWN ARE TO CENTER OF STRUCTURE.
 - 4 CONSTRUCT UNDERDRAIN PIPE PER SECTION B OR C ON SHEET RS1.
 - 5 CONSTRUCT CEMENT CONC. DRIVEWAY PER DETAIL 1 AND SECTION D ON SHEET RS1. SEE ROADWAY GENERAL NOTE 2.
 - 6 CONSTRUCT LEVEL SPREADER TRENCH PER SNOHOMISH CO STD PLAN 5-080A.
 - 7 RESETTING EXISTING HYDRANT ASSEMBLY.
 - 8 INSTALL BOLLARDS PER SNOHOMISH CO STD PLAN 4-170. COORDINATE LOCATION WITH TRIBE.

- ### ROADWAY GENERAL NOTES:
1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
 2. TYPICAL ROAD SECTIONS ARE ON SHEET RS1.
 3. CONTRACTOR SHALL CREATE SMOOTH TRANSITIONS WHEN MATCHING PROPOSED AND EXISTING CURBS.
 4. DRIVEWAY DIMENSIONS SHOWN ARE APPROXIMATE AND CONTRACTOR SHALL DOCUMENT EXISTING DIMENSIONS AND SLOPES AND REPLACE TO MATCH EXISTING CONDITIONS.
 5. STORMWATER TREATMENT VAULT SHALL BE FILTERRA MODEL FTPD0404 MANUFACTURED BY CONTECH CONSTRUCTION PRODUCTS INC. OR EQUIVALENT. SEE SHEET SDD1.



LEGEND

- HMA PAVEMENT
- CEMENT CONC. SIDEWALK
- CEMENT CONC. PAVEMENT
- LANDSCAPING RESTORATION

2
RS1



REVISIONS	DATE	BY	DESIGNED
			D. SUSLIKOV
			D. SUSLIKOV
			A. FISHER
			H. LONGFELLOW

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: PU5541598140-28th-RD
 JOB No.: 554-1598-140
 DATE: APRIL 2022



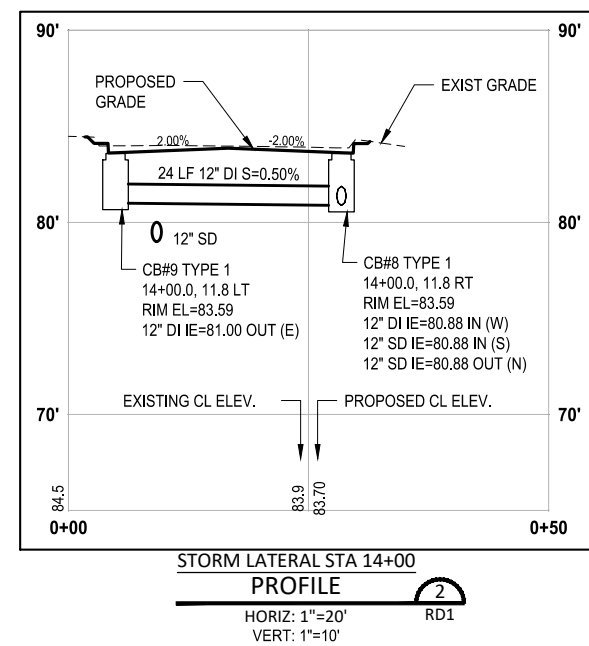
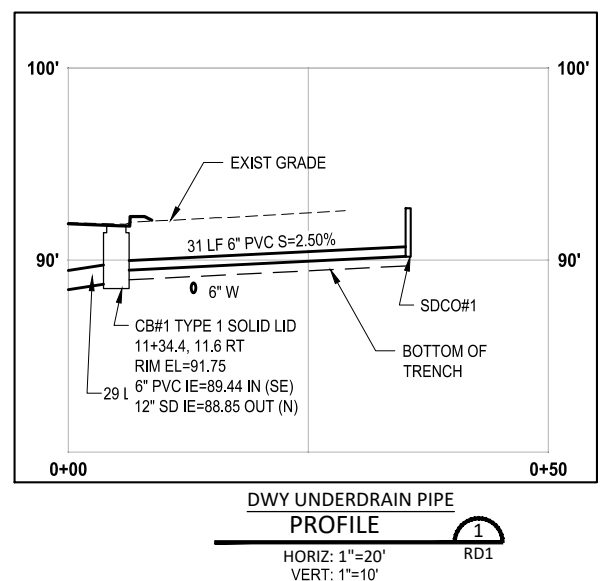
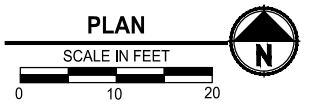
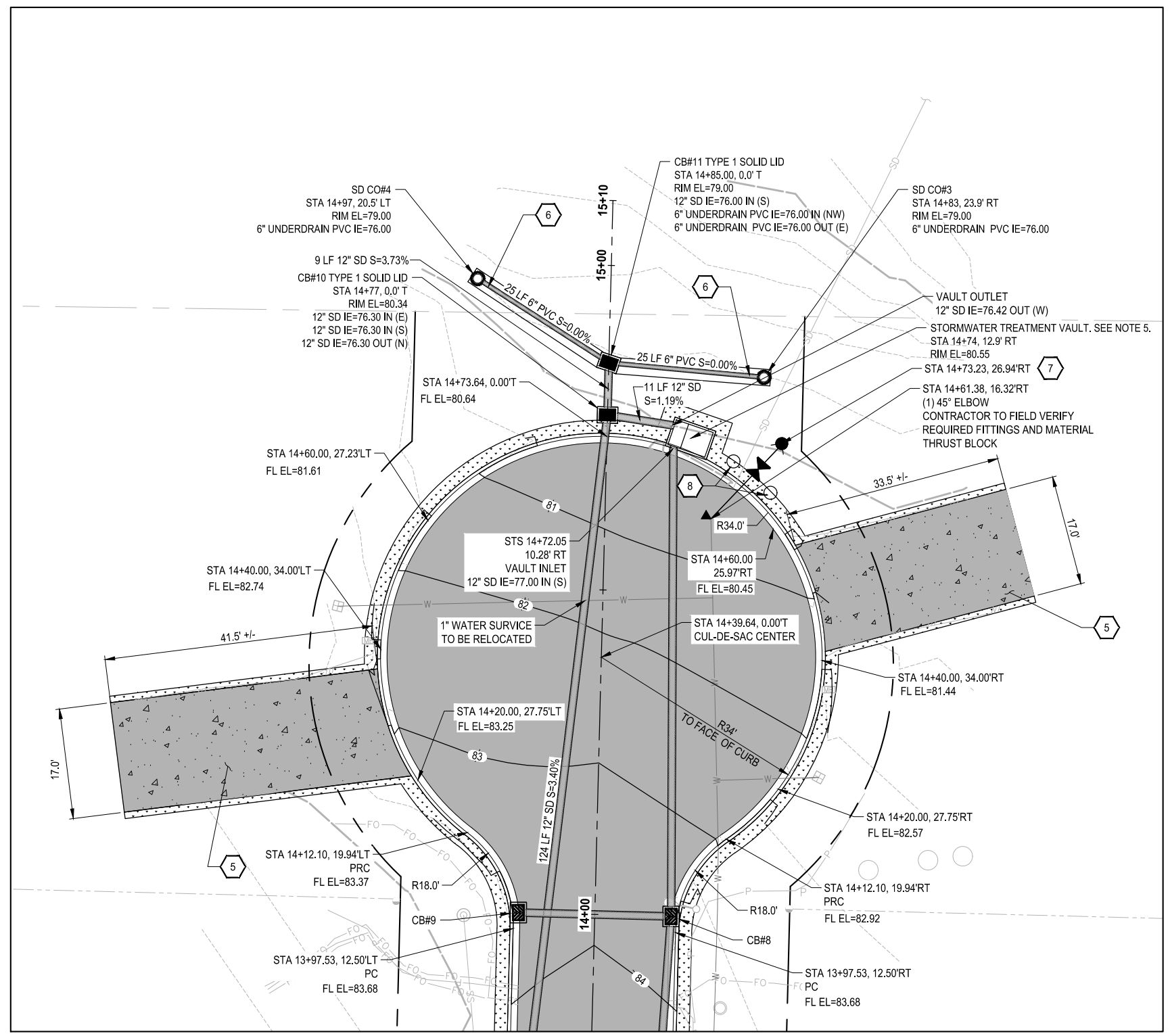
Parametrix
 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
 1019 39TH AVENUE SE, SUITE 100 | PUYALLUP, WA 98374
 P 253.604.6600
 WWW.PARAMETRIX.COM

PROJECT NAME
PAVEMENT REHABILITATION 2021
28TH DR NW
THE TULALIP TRIBES
 TULALIP, WASHINGTON

ROADWAY AND STORM DRAINAGE
PLAN & PROFILE

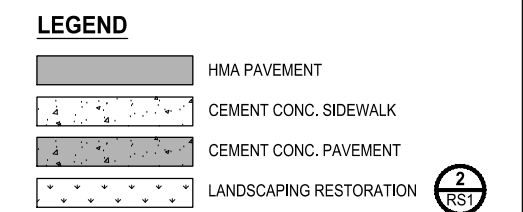
DRAWING NO.
 7 OF 10
RD1

PATH: U:\PSO\Projects\Clients\Tulip Tribes\1598-Tulip Tribes\554-1598-140-2021PmtRehabProjects\995\cadd\DWG\28TH PLOTTED BY: SvalDimi DATE: Tuesday, April 26, 2022 2:04:43 PM LAYOUT: RD2



- ROADWAY CONSTRUCTION NOTES:**
- 1 CONSTRUCT CEMENT CONC. TRAFFIC CURB AND GUTTER PER SNOHOMISH CO STD PLAN 4-140.
 - 2 CONSTRUCT CEMENT CONC. CURB RAMP PER DETAILS 1 AND 2 ON SHEET GR1.
 - 3 INSTALL CATCH BASIN TYPE 1 PER WSDOT STD. PLAN B-5.20-03. OFFSETS SHOWN ARE TO CENTER OF STRUCTURE.
 - 4 CONSTRUCT UNDERDRAIN PIPE PER SECTION B OR C ON SHEET RS1.
 - 5 CONSTRUCT CEMENT CONC. DRIVEWAY PER DETAIL 1 AND SECTION D ON SHEET RS1. SEE ROADWAY GENERAL NOTE 2.
 - 6 CONSTRUCT LEVEL SPREADER TRENCH PER SNOHOMISH CO STD PLAN 5-080A.
 - 7 RESETTING EXISTING HYDRANT ASSEMBLY.
 - 8 INSTALL BOLLARDS PER SNOHOMISH CO STD PLAN 4-170. COORDINATE LOCATION WITH TRIBE.

- ROADWAY GENERAL NOTES:**
1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK.
 2. TYPICAL ROAD SECTIONS ARE ON SHEET RS1.
 3. CONTRACTOR SHALL CREATE SMOOTH TRANSITIONS WHEN MATCHING PROPOSED AND EXISTING CURBS.
 4. DRIVEWAY DIMENSIONS SHOWN ARE APPROXIMATE AND CONTRACTOR SHALL DOCUMENT EXISTING DIMENSIONS AND SLOPES AND REPLACE TO MATCH EXISTING CONDITIONS.
 5. STORMWATER TREATMENT VAULT SHALL BE FILTERRA MODEL FTPD0404 MANUFACTURED BY CONTECH CONSTRUCTION PRODUCTS INC. OR EQUIVALENT. SEE SHEET SDD1.



REVISIONS	DATE	BY	DESIGNED
			D. SUSLIKOV
			D. SUSLIKOV
			A. FISHER
			H. LONGFELLOW

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: PU5541598140-28th-RD
 JOB No.: 554-1598-140
 DATE: APRIL 2022



Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

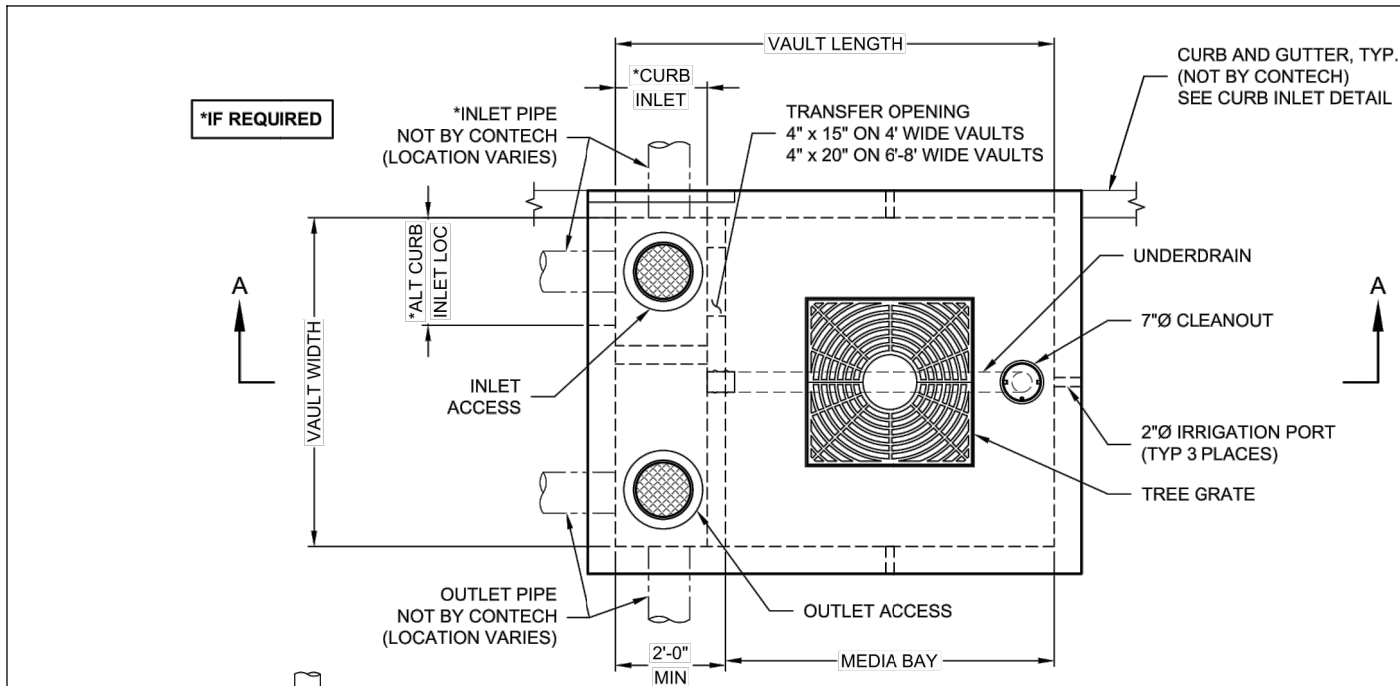
1019 39TH AVENUE SE, SUITE 100 | PUYALLUP, WA 98374
P 253.604.6600
WWW.PARAMETRIX.COM

PROJECT NAME
**PAVEMENT REHABILITATION 2021
28TH DR NW
THE TULALIP TRIBES**
TULALIP, WASHINGTON

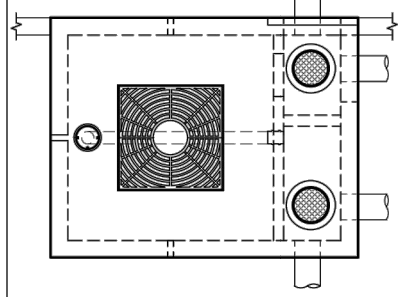
**ROADWAY AND STORM DRAINAGE
PLAN & PROFILE**

DRAWING NO.
8 OF 10
RD2

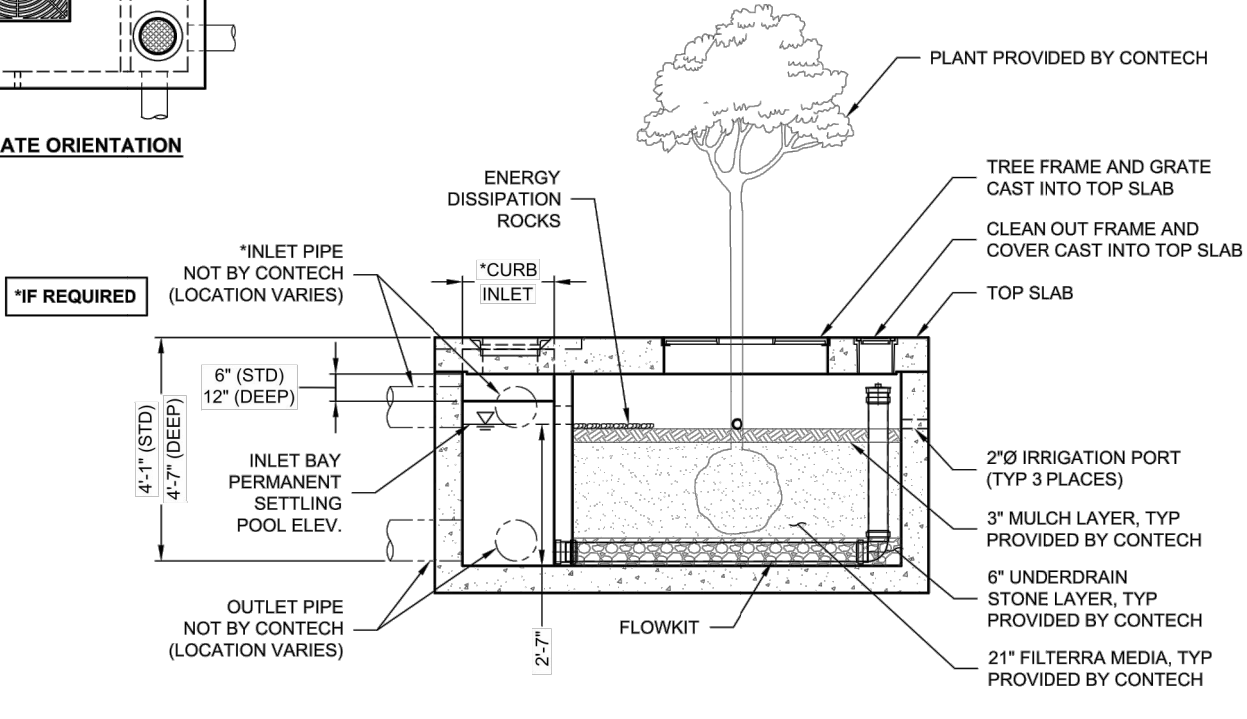
LAYOUT: SDD1
 PATH: U:\PSO\Projects\Clients\1598-Tulalip Tribes\1598-140_2021PmtRehabProjects\985\Drawings\CADD\DWG\28TH
 PLOTTED BY: Suelldmi DATE: Tuesday, April 26, 2022 2:05:38 PM



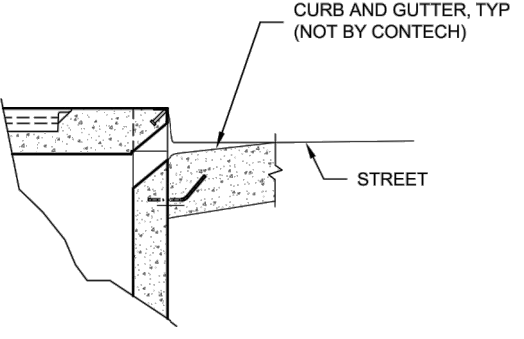
PLAN VIEW



ALTERNATE ORIENTATION



**SECTION A-A
(STANDARD DEPTH SHOWN)**



CURB INLET DETAIL

FTPD STANDARD HEIGHT CONFIGURATION							
DESIGNATION (OPTIONS: -P, -T, -PT)	AVAILABILITY	MEDIA BAY SIZE	VAULT SIZE (W x L)	WEIR LENGTH/ MAX CURB OPENING	*MAX BYPASS FLOW (CFS)	INLET/ OUTLET ACCESS DIA	TREE GRATE QTY & SIZE
FTPD0404	N/A CA	4 x 4	4 x 6	1'-8"	1.4	12"/12"	(1) 3' x 3'
FTPD04045	CA ONLY	4 x 4.5	4 x 6.5	1'-8"	1.4	12"/12"	(1) 3' x 3'
FTPD0406	N/A MID-ATL	4 x 6	4 x 8	1'-8"	1.4	12"/12"	(1) 3' x 3'
FTPD045058	MID-ATL ONLY	4.5 x 5.83	4.5 x 7.83	1'-8"	1.4	12"/12"	(1) 3' x 3'
FTPD0604	ALL	6 x 4	6 x 6	1'-8"	1.4	12"/12"	(1) 3' x 3'
FTPD0606	ALL	6 x 6	6 x 8	1'-8"	1.4	12"/12"	(1) 3' x 3'
FTPD0608	ALL	6 x 8	6 x 10	1'-8"	1.4	12"/12"	(1) 4' x 4'
FTPD0610	ALL	6 x 10	6 x 12	1'-8"	1.4	12"/12"	(1) 4' x 4'
FTPD0710	ALL	7 x 10	7 x 13	2'-6"	2.1	24"/24"	(1) 4' x 4'
FTPD08105	ALL	8 x 10.5	8 x 14	3'-0"	2.5	24"/24"	(1) 4' x 4'
FTPD08125	ALL	8 x 12.5	8 x 16	3'-0"	2.5	24"/24"	(2) 4' x 4'

N/A = NOT AVAILABLE

FTPD-D DEEP OPTION CONFIGURATION							
DESIGNATION (OPTIONS: -P, -T, -PT)	AVAILABILITY	MEDIA BAY SIZE	VAULT SIZE (W x L)	WEIR LENGTH/ MAX CURB OPENING	*MAX BYPASS FLOW (CFS)	INLET/ OUTLET ACCESS DIA	TREE GRATE QTY & SIZE
FTPD0404-D	N/A CA	4 x 4	4 x 6	1'-8"	4.6	12"/12"	(1) 3' x 3'
FTPD04045-D	CA ONLY	4 x 4.5	4 x 6.5	1'-8"	4.6	12"/12"	(1) 3' x 3'
FTPD0406-D	N/A MID-ATL	4 x 6	4 x 8	1'-8"	4.6	12"/12"	(1) 3' x 3'
FTPD045058-D	MID-ATL ONLY	4.5 x 5.83	4.5 x 7.83	1'-8"	4.6	12"/12"	(1) 3' x 3'
FTPD0604-D	ALL	6 x 4	6 x 6	1'-8"	4.6	12"/12"	(1) 3' x 3'
FTPD0606-D	ALL	6 x 6	6 x 8	1'-8"	4.6	12"/12"	(1) 3' x 3'
FTPD0608-D	ALL	6 x 8	6 x 10	1'-8"	4.6	12"/12"	(1) 4' x 4'
FTPD0610-D	ALL	6 x 10	6 x 12	1'-8"	4.6	12"/12"	(1) 4' x 4'
FTPD0710-D	ALL	7 x 10	7 x 13	2'-6"	6.8	24"/24"	(1) 4' x 4'
FTPD08105-D	ALL	8 x 10.5	8 x 14	3'-0"	8.2	24"/24"	(1) 4' x 4'
FTPD08125-D	ALL	8 x 12.5	8 x 16	3'-0"	8.2	24"/24"	(2) 4' x 4'

N/A = NOT AVAILABLE

*MAX BYPASS FLOW IS INTERNAL WEIR FLOW . SITE SPECIFIC ANALYSIS IS REQUIRED TO DETERMINE CURB INLET FLOW CAPACITY

REVISIONS	DATE	BY	DESIGNED
			D. SUSLIKOV
			DRAWN D. SUSLIKOV
			CHECKED A. FISHER
			APPROVED H. LONGFELLOW

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: PU5541598140-28th-SDD
 JOB No: 554-1598-140
 DATE: APRIL 2022



Parametrix
 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
 1019 39TH AVENUE SE, SUITE 100 | PUYALLUP, WA 98374
 P 253.604.6600
 WWW.PARAMETRIX.COM

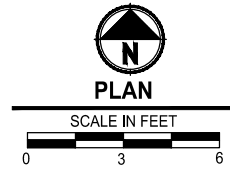
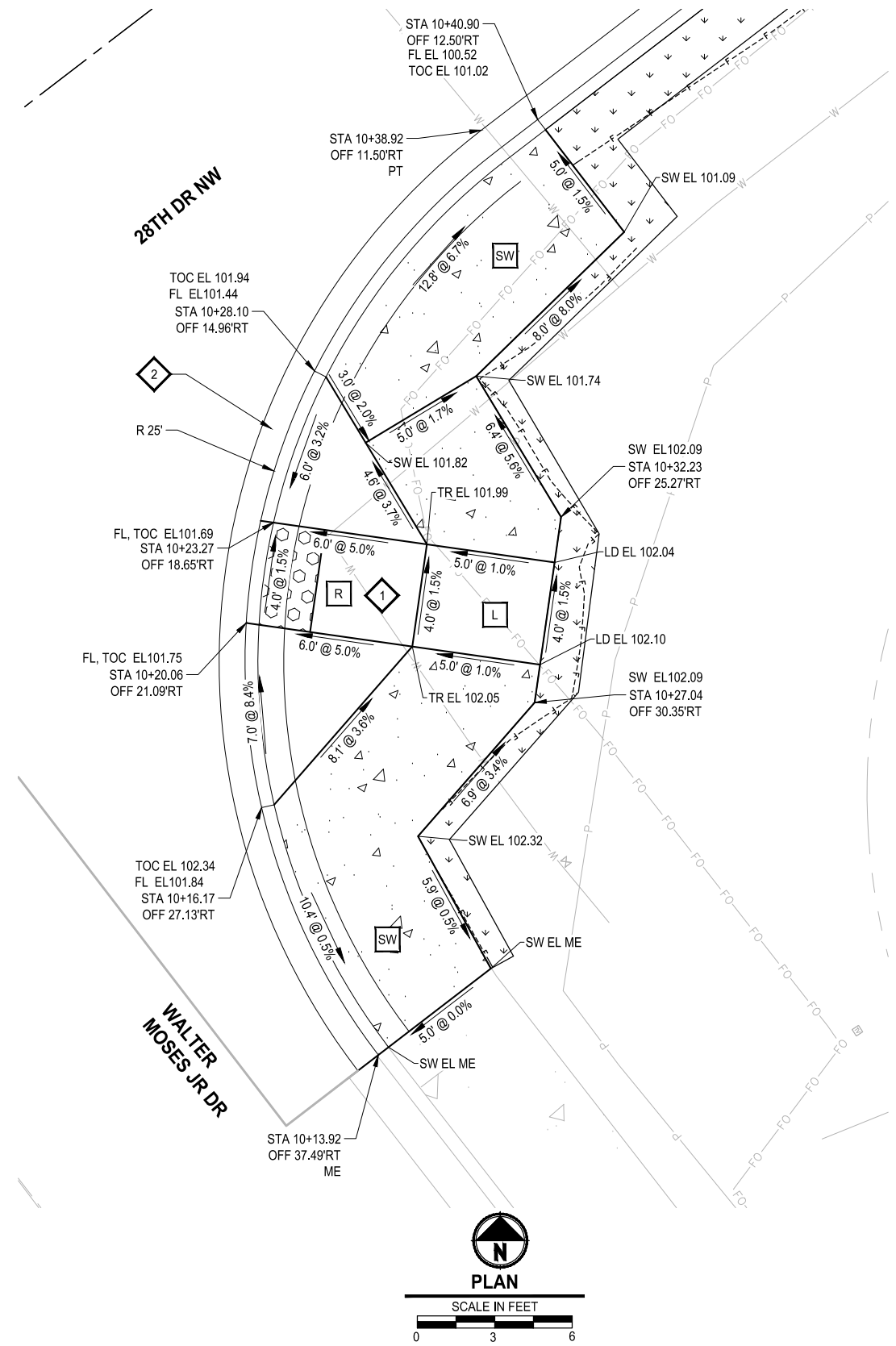
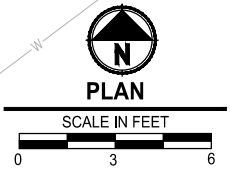
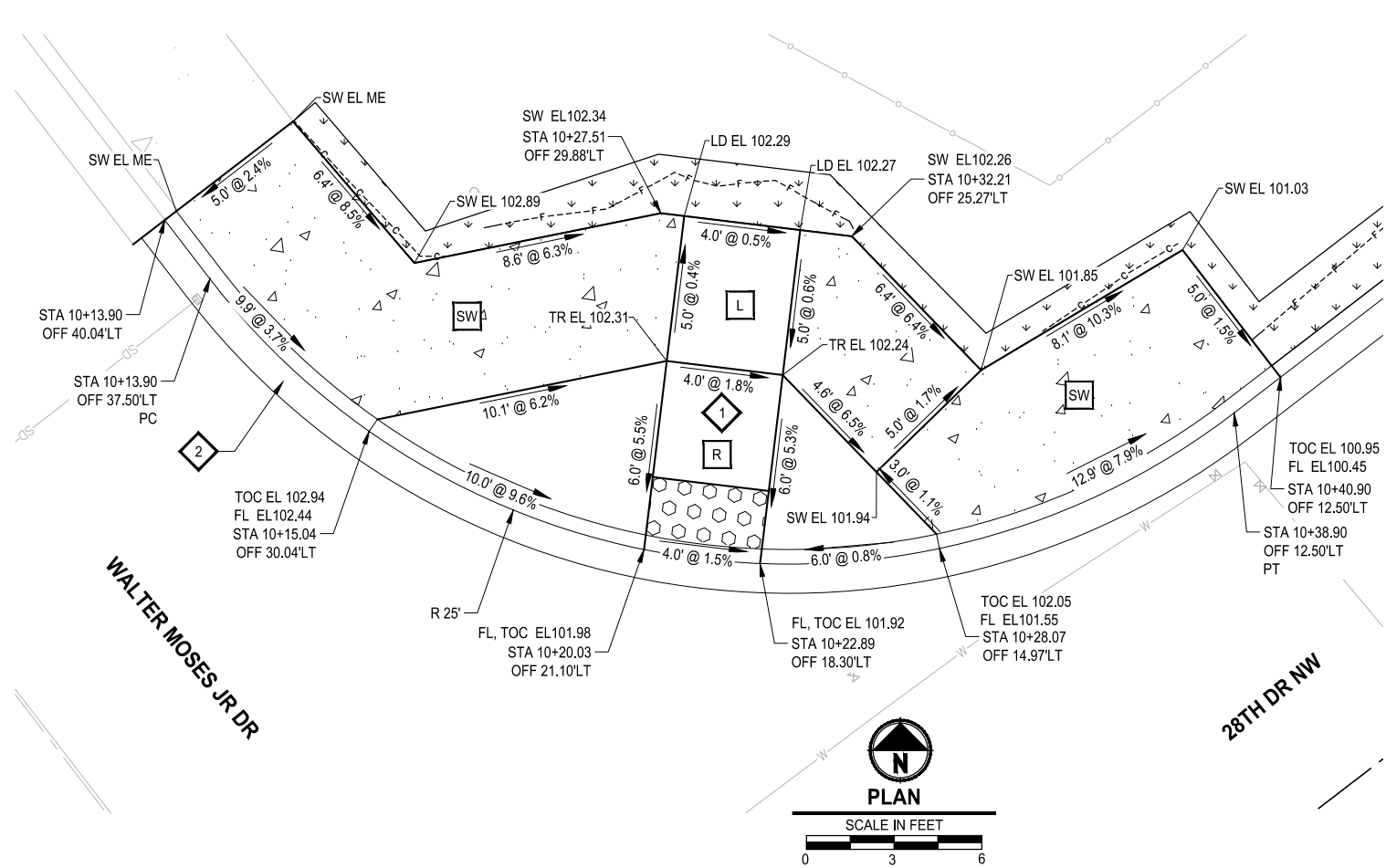
PROJECT NAME
PAVEMENT REHABILITATION 2021
 28TH DR NW
 THE TULALIP TRIBES
 TULALIP, WASHINGTON

STORM DRAINAGE DETAILS

DRAWING NO.
 9 OF 10
SDD1



PATH: U:\P50\Projects\Clients\1598-Tulip Tribes\1598-140-2021\mtr\Reloc\Projects\995\cadd\DWG\28TH GR1 LAYOUT: GR1 PLOTTED BY: Suslikov DATE: Tuesday, April 26, 2022 2:08:19 PM



GENERAL NOTES:

1. ELEVATIONS AS SHOWN ARE BASED ON SURVEY DATA. CONTRACTOR SHALL FIELD ADJUST RAMP AND SIDEWALK ELEVATIONS AS NECESSARY TO MEET STANDARD PLAN SLOPE REQUIREMENTS IF FIELD ELEVATIONS DO NOT MATCH THOSE SHOWN ON PLANS.
2. RADIUS CALLOUTS ARE TO FACE OF CURB.
3. RAMP GRADING POINTS REPRESENT ONE METHOD OF MEETING REFERENCED STANDARD PLANS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE FIELD ADJUSTMENTS AS NECESSARY TO ENSURE RAMPS MEET ALL ADA REQUIREMENTS.
4. CONTRACTOR SHALL PROVIDE SURVEY STAKING TO THE LEVEL OF SURVEY ACCURACY NECESSARY TO SUPPORT THE CONSTRUCTION OF SIDEWALK, CURBS, CURB RAMPS AND RELATED PROJECT ELEMENTS. TRADITIONAL SURVEY AND STAKING METHODS SHALL BE SUPPLEMENTED IN THE FIELD BY THE CONTRACTOR THROUGH THE USE OF A CONTRACTOR-SUPPLIED, CALIBRATED, 4-FOOT-LONG "SMART" LEVEL TO DIGITALLY MEASURE SLOPES.
5. EXISTING AND PROPOSED STORM STRUCTURES AND UTILITY STRUCTURES ARE SHOWN FOR REFERENCE.

GRADING NOTES:

EACH SIDEWALK AND CURB RAMP ELEMENT SHALL MEET APPLICABLE CROSS SLOPE, RUNNING SLOPE, AND MINIMUM DIMENSIONS NOTED IN REFERENCED STANDARD PLAN. ELEMENTS NOTED ON PLANS ARE FOR REFERENCE ONLY.

ADA ELEMENT:

- R RAMP
- L LANDING
- SW SIDEWALK TRANSITION PANEL
- MF MAXIMUM EXTENT FEASIBLE

LEGEND:

- EL - ELEVATION
- EX - EXISTING
- FL - FLOWLINE
- LD - LANDING
- OFF - OFFSET
- PC - POINT OF CURVATURE
- PT - POINT OF TANGENCY
- TR - TOP OF RAMP
- STA - STATION
- SW - SIDEWALK
- TOC - TOP OF CURB
- ME - MATCH EXISTING ELEVATION

CONSTRUCTION NOTES:

- 1 CONSTRUCT CEMENT CONC. CURB RAMP TYPE PERPENDICULAR A PER WSDOT STD PLAN F-40.15-04.
- 2 CONSTRUCT CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER SNOHOMISH CO STD PLAN 4-140

REVISIONS	DATE	BY	DESIGNED
			D. SUSLIKOV
			D. SUSLIKOV
			A. FISHER
			H. LONGFELLOW

ONE INCH AT FULL SCALE, IF NOT, SCALE ACCORDINGLY
 FILE NAME: PU5541598140-28th-GR
 JOB No: 554-1598-140
 DATE: APRIL 2022



Parametrix
 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES
 1019 39TH AVENUE SE, SUITE 100 | PUYALLUP, WA 98374
 P 253.604.6600
 WWW.PARAMETRIX.COM

PROJECT NAME
PAVEMENT REHABILITATION 2021
28TH DR NW
THE TULALIP TRIBES
 TULALIP, WASHINGTON

CURB RAMP GRADING PLAN

DRAWING NO.
 10 OF 10
GR1

