

THE QUIL CEDA VILLAGE ADMINISTRATION BUILDING SEWER LATERAL

TULALIP INDIAN RESERVATION
SNOHOMISH COUNTY

DESIGN STANDARDS:
WASHINGTON STATE BUILDING CODE: UNIFORM PLUMBING
CODE 2018 EDITION

STANDARD SPECIFICATIONS:
WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE,
AND MUNICIPAL CONSTRUCTION 2021

GOVERNING AGENCY CONTACTS:

TULALIP TRIBES
CONSOLIDATED BOROUGH OF QUIL CEDA VILLAGE
8802 27TH AVE NE
TULALIP, WA 98271
(425) 754-1949
CONTACT: JEREME GOBIN

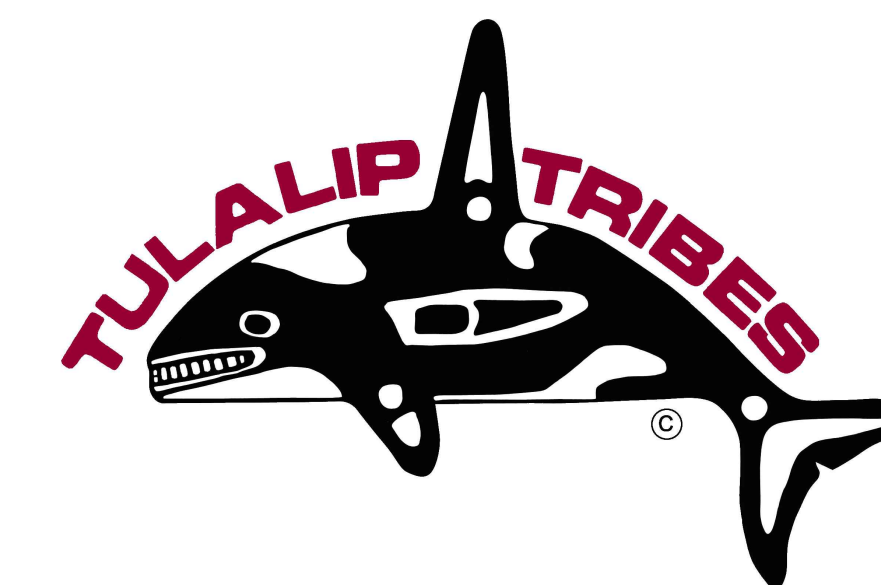
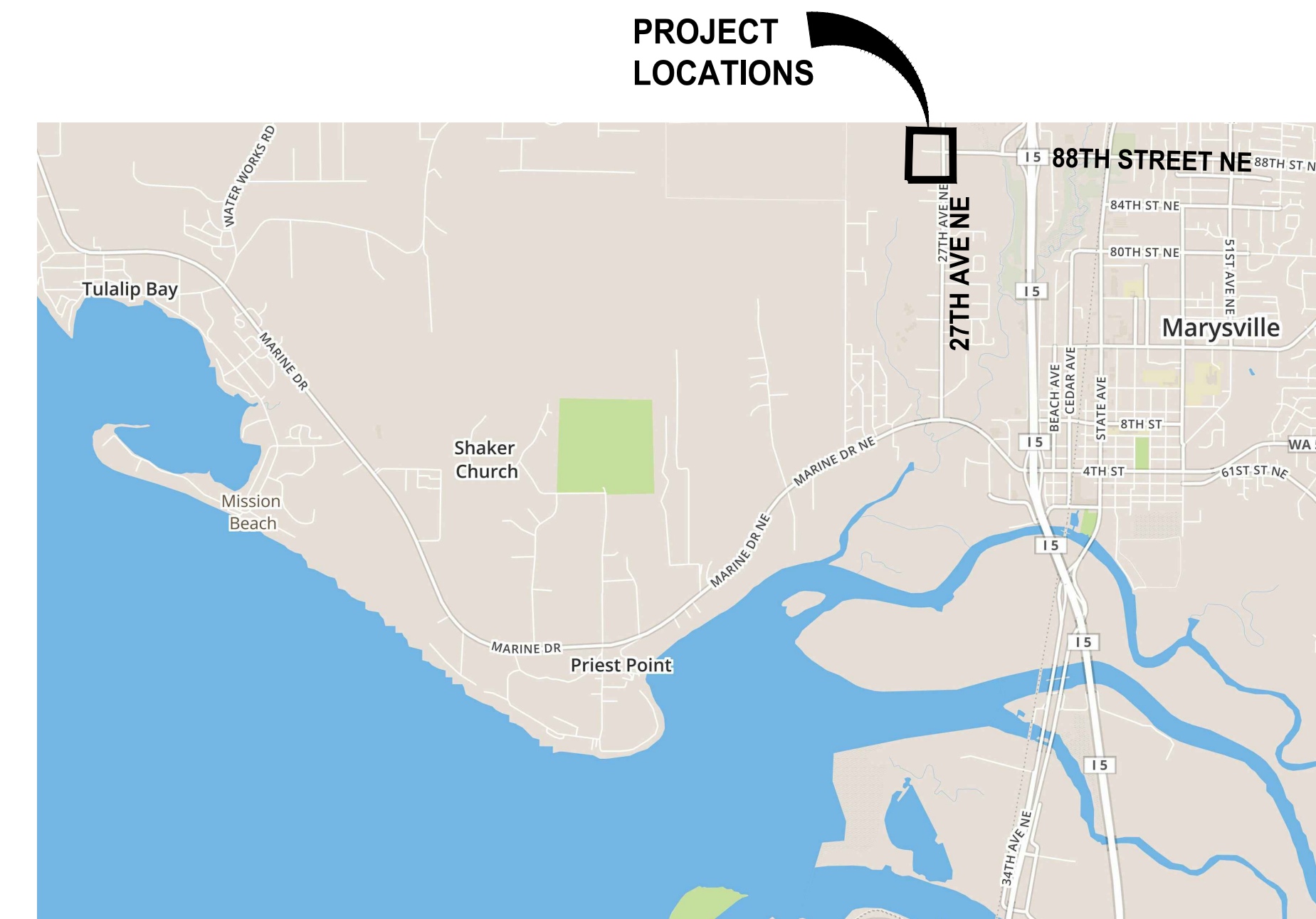
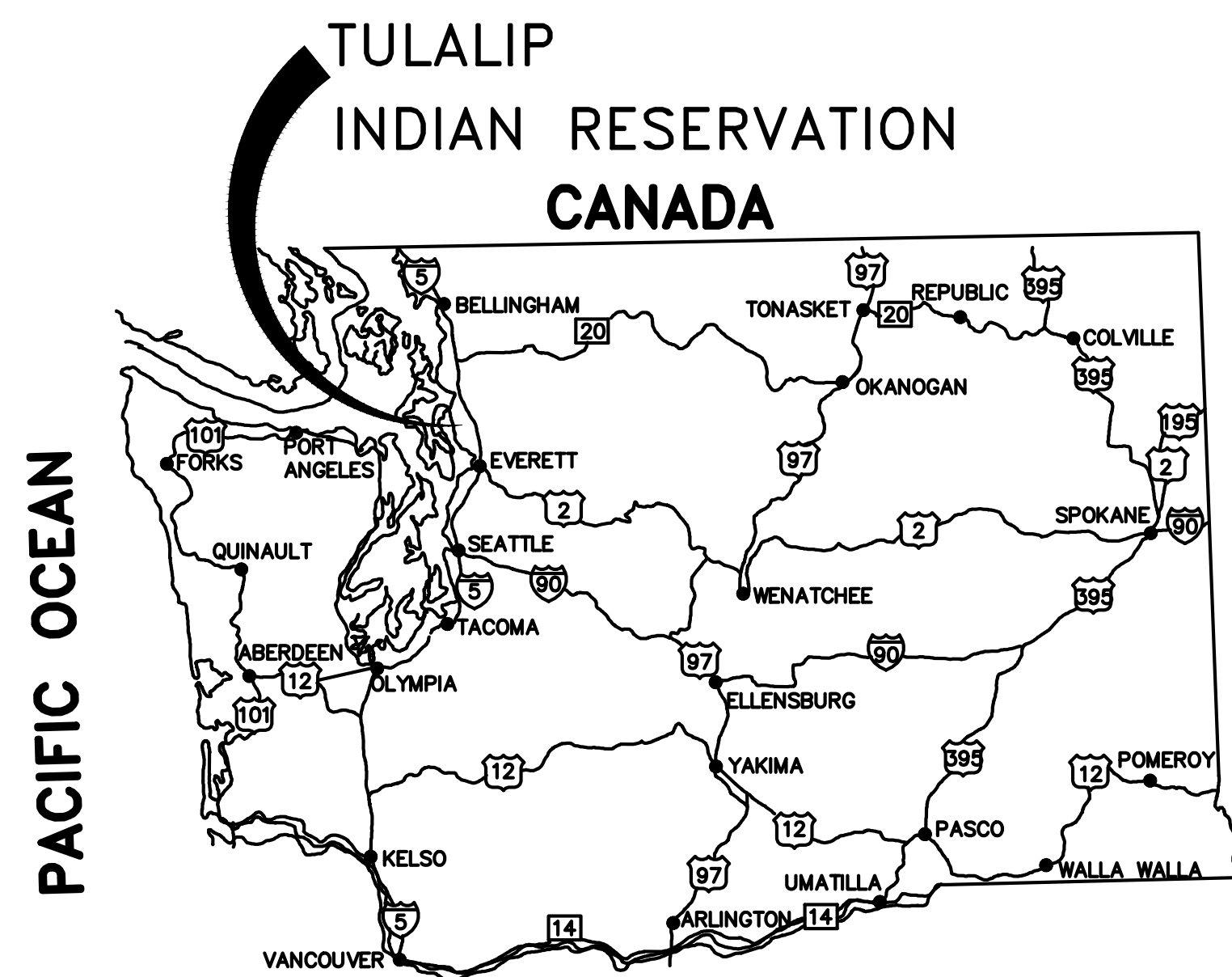
TULALIP TRIBES
TRIBAL EMPLOYMENT RIGHTS OFFICE (TERO)
6406 MARINE DR.
TULALIP, WA 98271
(360) 716-4441, (360) 716-4751
CONTACT: SUMMER HATCH (DIRECTOR)
ROBERT HENDERSON (INTERIM MANAGER)

OWNER/APPLICANT:

THE TULALIP TRIBES
8802 27TH AVE NE
TULALIP, WA 98271
(360) 654-2600

ENGINEER:

PARAMETRIX
719 2ND AVENUE, SUITE 200
SEATTLE, WA 98104
(206) 394-3700
CONTACT: HAPPY LONGFELLOW



Know what's below.
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PROJECT NAME

**THE QUIL CEDA VILLAGE
ADMINISTRATION BUILDING
SEWER LATERAL**

TULALIP, WASHINGTON

**TITLE, VICINITY MAP,
AND LOCATION MAP**

DRAWING NO.
1 OF 4

G1

LAYOUT: G1 PATH: U:\PSC\Projects\Clients\1598-Tulalip Tribes\1598-143_AdminBldgSewer\98Specs\CADD\DWG PLOTTED BY: mahmoudy DATE: Thursday, August 5, 2021 3:26:38 PM

REVISIONS	DATE	BY	DESIGNED
			Y. MAHMOODI
			DRAWN
			Y. MAHMOODI
			CHECKED
			M. OLLIVANT
			APPROVED
			H. LONGFELLOW

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

FILE NAME
PS1598143-G1-2

JOB No.
534-1598-143

DATE
JUNE 2021

LAYOUT: G2
 PATH: U:\PS0\Projects\Clients\1598-Tulalip Tribes\1598-143_AdminBldgSewer\98Secs\CADD\DWG
 PLOTTED BY: mehmooyu DATE: Thursday, August 5, 2021 3:27:38 PM

EXISTING: **LEGEND:** **PROPOSED:** **DESCRIPTION:**

		<p>CENTER LINE RIGHT OF WAY PROPERTY LINE MAJOR CONTOUR MINOR CONTOUR EASEMENT EDGE OF PAVEMENT EDGE OF GRAVEL BACK OF CURB CURB FACE BACK OF WALK CONCRETE WATER STORM SANITARY SEWER SANITARY SEWER FORCE MAIN CABLE TV GAS OVERHEAD POWER FIBER OPTIC STRUCTURAL EARTH WALL CONCRETE BLOCK WALL WOOD FENCE EDGE OF GRASS MONUMENT CONTROL POINT SIGN STREET LIGHT POWER POLE GUY ANCHOR TELEPHONE RISER WATER METER HYDRANT GATE VALVE CATCH BASIN TYPE 1 CATCH BASIN TYPE 2 SANITARY SEWER MANHOLE SANITARY SEWER CLEANOUT</p>
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ABBREVIATIONS:

Δ	DELTA
AP	ANGLE POINT
AVE	AVENUE
BF	BLIND FLANGE
BND	BEND
CL	CENTER LINE
CL	CLASS
CONN	CONNECT, CONNECTION
CONST	CONSTRUCTION
CPLG	COUPLING
CSTC	CRUSHED SURFACING TOP COURSE
DET	DETAIL
DI	DUCTILE IRON
DIA	DIAMETER
E	EAST, EASTING
EL	ELEVATION
EX	EXISTING
FCA	FLANGE COUPLING ADAPTOR
FL	FLANGE
G	GAS
GND, GRND	GROUND
IE	INVERT ELEVATION
L	LENGTH
LF	LINEAR FEET
LT	LEFT
MH	MANHOLE
MAX	MAXIMUM
MIN	MINIMUM
MJ	MECHANICAL JOINT
N	NORTH, NORTHING
NE	NORTHEAST
NO.	NUMBER
NW	NORTHWEST
P	UNDERGROUND POWER
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY, POINT
PVC	POLYVINYL CHLORIDE PIPE
QCV	QUIL CEDA VILLAGE
R, RD	RADIUS
RT	RIGHT
R/W	RIGHT OF WAY
SE	SOUTHEAST
SS	SANITARY SEWER
ST	STREET
STL	STEEL
STA	STATION
STD	STANDARD
SW	SOUTHWEST
T	TELEPHONE
TDS	TULALIP DATA SERVICES
THK	THICK
TYP	TYPICAL
W	WEST
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

- GENERAL NOTES:**
1. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE REQUIRED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
 2. COMPLY WITH ALL OTHER PERMITS AND OTHER REQUIREMENTS BY THE COUNTY, TRIBES, OR OTHER GOVERNING AUTHORITY OR AGENCY AS MAY BE APPLICABLE.
 3. ALL SIDEWALKS SHALL BE CLEANED TO THE SATISFACTION OF THE TRIBES PRIOR TO THE PROJECT FINAL ACCEPTANCE.
 4. CALL UNDERGROUND LOCATE LINE AT 1-800-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATIONS.

DRAWING INDEX		
DWG NO.	SHT NO.	SHEET TITLE
GENERAL		
1	G1	TITLE, VICINITY MAP, AND LOCATION MAP
2	G2	LEGEND, ABBREVIATIONS, GENERAL NOTES, DRAWING INDEX, AND HORIZONTAL CONTROL PLAN
SEWER		
3	SS1	GRAVITY SANITARY SEWER LATERAL PLAN AND PROFILE STA 10+00 TO END OF PROJECT
DETAILS		
4	DT1	UTILITY DETAILS, AND SECTIONS

HORIZONTAL DATUM:
 HORIZONTAL DATUM FOR THIS SURVEY IS NAD 1983(11) BASED ON THE WASHINGTON STATE REFERENCE NETWORK (WSRN) WITH VERIFICATION TIE TO THE FOLLOW MONUMENT PUBLISHED BY WSDOT, POINT DESIGNATION GP31005-128.

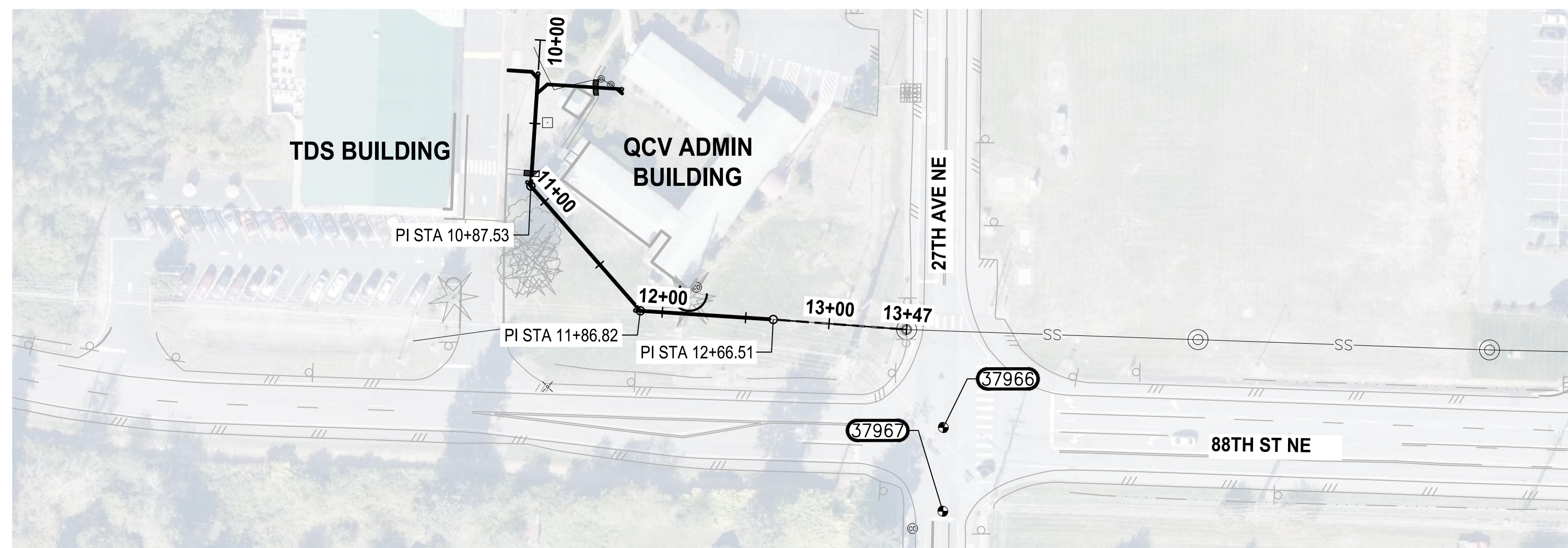
PROJECTION IS WASHINGTON STATE PLANE NORTH ZONE, U.S. SURVEY FEET

POINT DESIGNATION GP31005-128
 NORTHING: 386655.916
 EASTING: 1310030.612

VERTICAL DATUM:
 VERTICAL DATUM IS NAVD88 BASED ON THE WASHINGTON STATE REFERENCE NETWORK (WSRN) WITH VERIFICATION TIE TO THE FOLLOW MONUMENT PUBLISHED BY WSDOT, POINT DESIGNATION GP31005-128.

POINT DESIGNATION GP31005-128
 ELEVATION: 40.40'

SURVEY CONTROL TABLE				
PT #	NORTHING	EASTING	ELEV	DESCRIPTION
37966	395420.38	1307622.47	50.34	FMIC LS#17068
37967	395370.28	1307622.17	49.41	FMIC



REVISIONS	DATE	BY	DESIGNED
			Y. MAHMOODI
			DRAWN
			Y. MAHMOODI
			CHECKED
			M. OLLIVANT
			APPROVED
			H. LONGFELLOW

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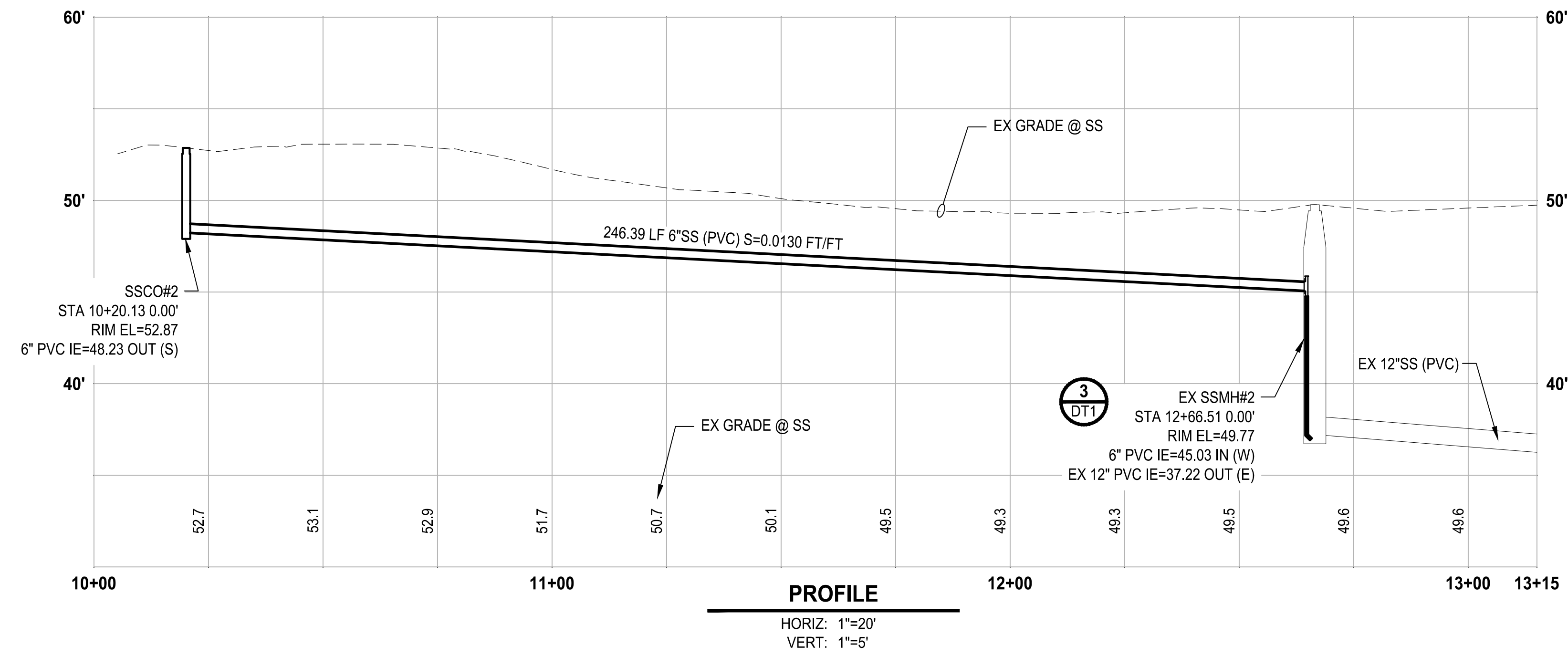
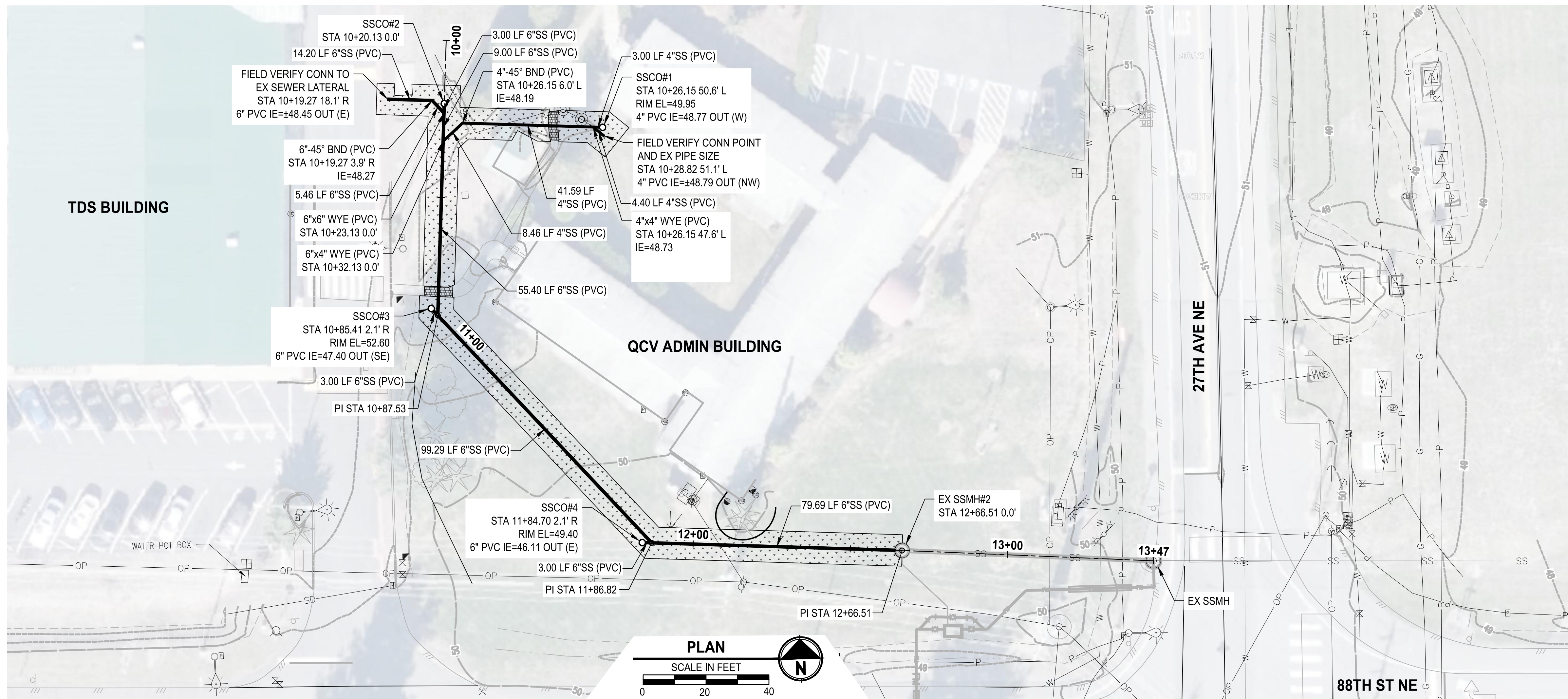
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 TULALIP, WASHINGTON

**LEGEND, ABBREVIATIONS,
 GENERAL NOTES, DRAWING INDEX,
 AND HORIZONTAL CONTROL PLAN**

DRAWING NO.
2 OF 4

G2

PATH: U:\PSO\Projects\Clients\1598-Tulip Tribes\1598-143 Admin\Bids\SS1\1598-143 Admin\Bids\SS1\CADD\DWG PLOTTED BY: mohmoyou DATE: Thursday, August 5, 2021 3:28:25 PM LAYOUT: SS1



- CONSTRUCTION NOTES:**
1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES.
 2. CONTRACTOR SHALL VIDEO INSPECT HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING SEWER LATERALS AT CONNECTION POINTS.
 3. THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE WHEN TRENCHING ACROSS OR BESIDE THESE EXISTING UTILITIES.
 4. THE CONTRACTOR SHALL RESTORE IN-KIND ALL AREA'S OUTSIDE TRENCH RESTORATION IMPACTED FROM CONSTRUCTION ACTIVITIES.

- LEGEND:**
- REMOVE AND RELAY IN-KIND DECORATIVE PAVER
 - REMOVE GRASS AND LAY SOD

NO.	REVISIONS	DATE	BY	DESIGNED	DRAWN	CHECKED	APPROVED
				Y. MAHMOODI	Y. MAHMOODI	M. OLLIVANT	H. LONGFELLOW

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 FILE NAME: PS1598143-SS1
 JOB No: 1598-143
 DATE: JUNE 2021



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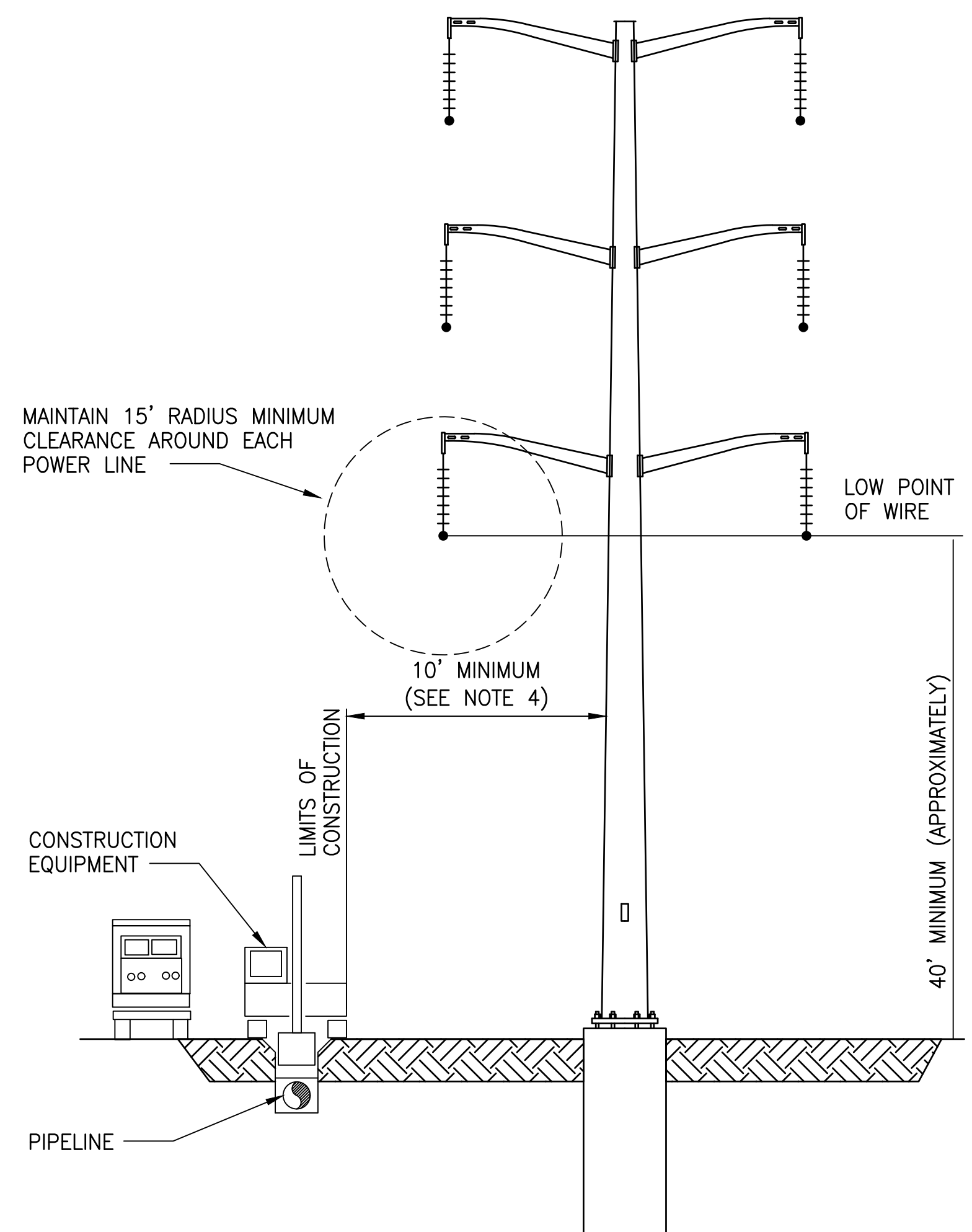
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GRAVITY SANITARY SEWER LATERAL PLAN AND PROFILE
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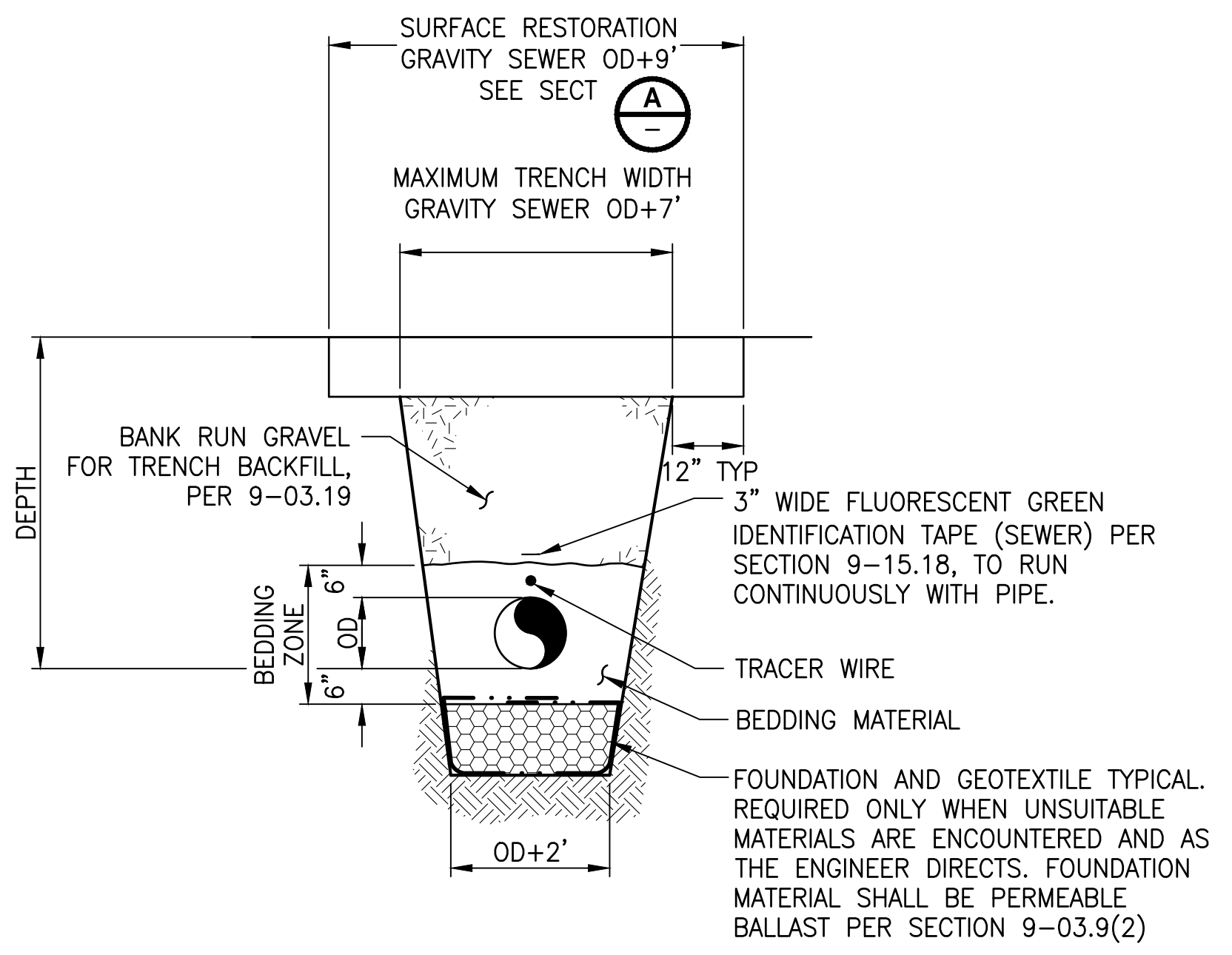
DRAWING NO.
 3 OF 4
SS1

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 LAYOUT: DT1

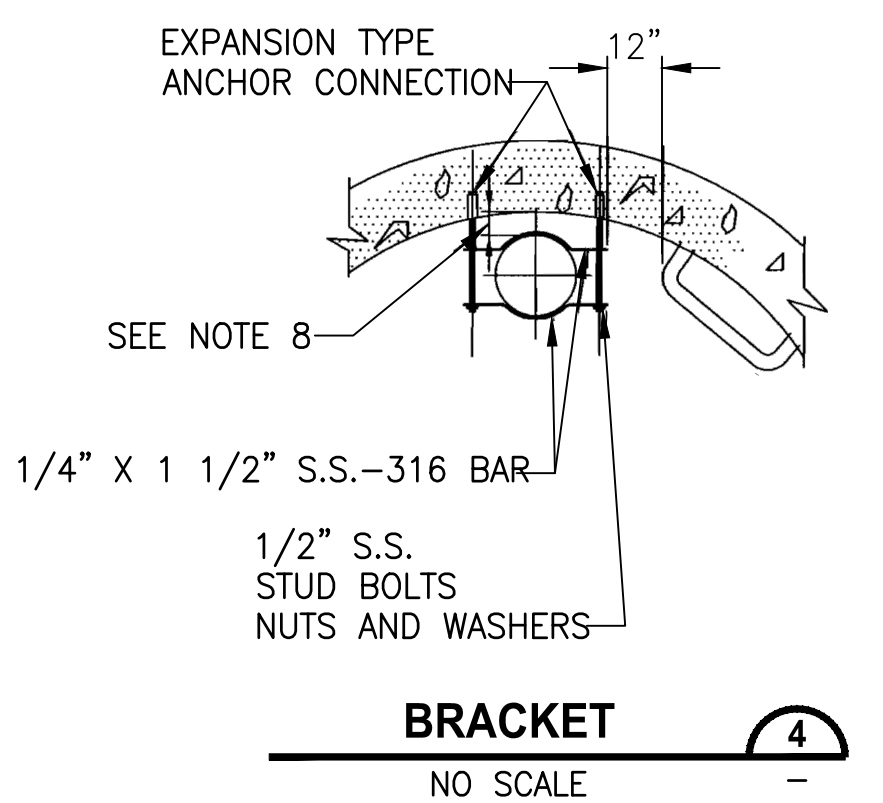
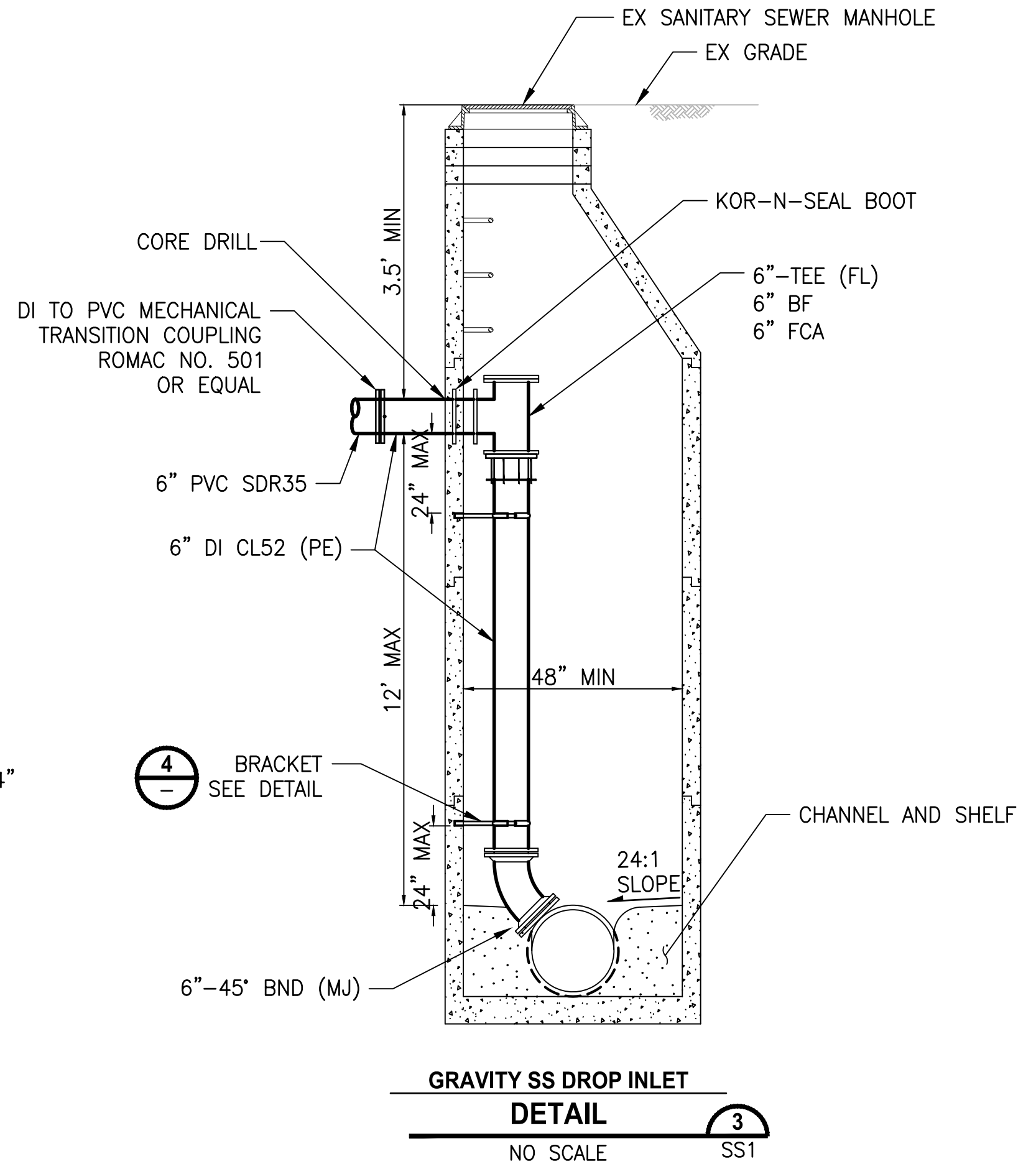
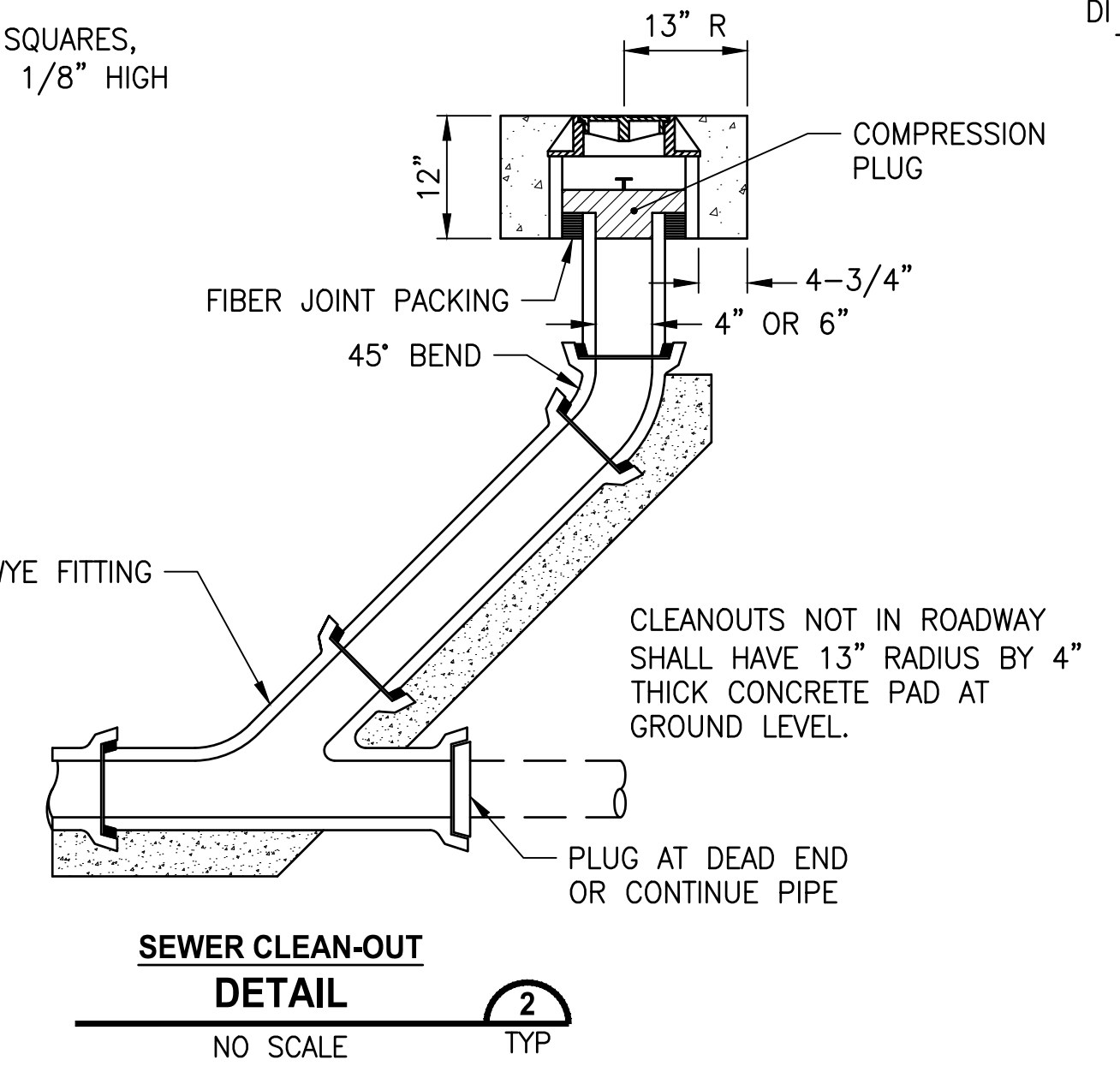
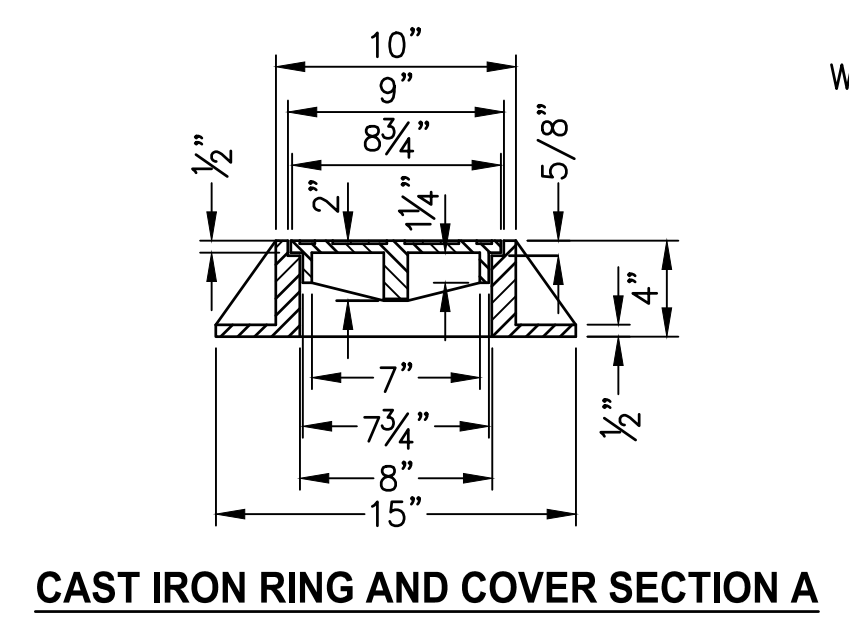
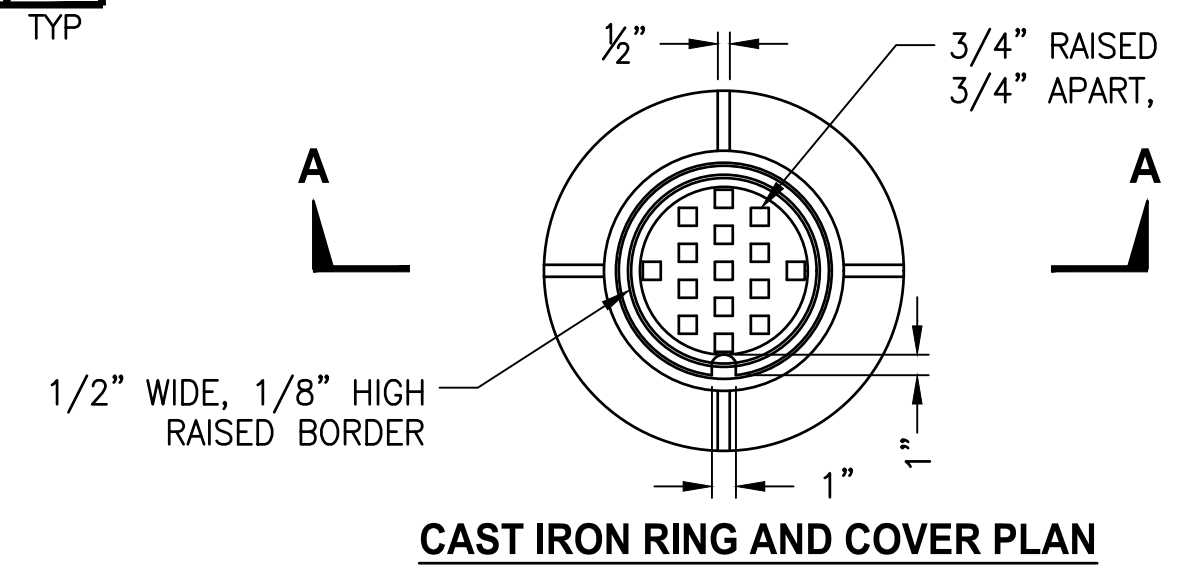
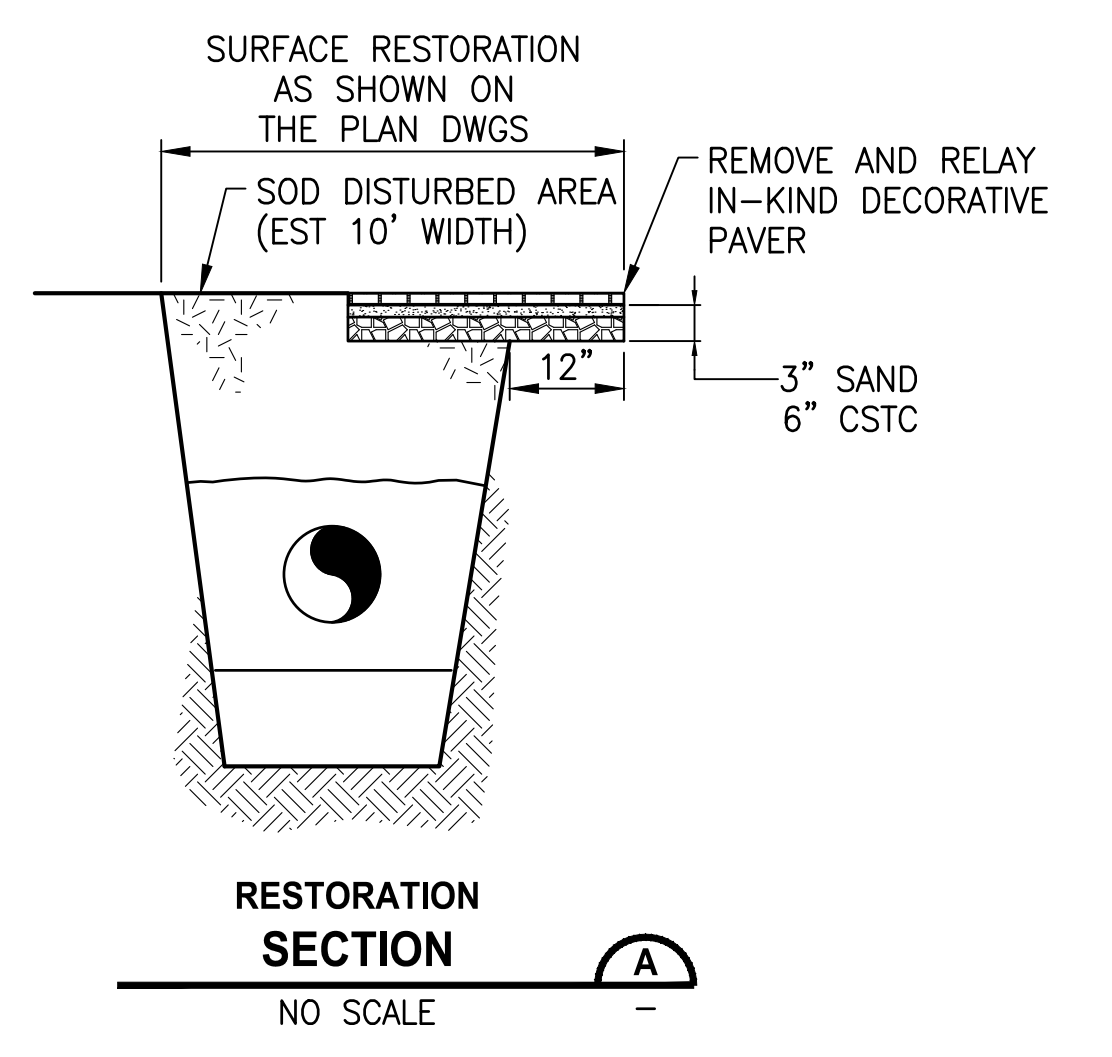


**SNOHOMISH PUBLIC UTILITY DISTRICT NO. 1
HIGH VOLTAGE TRANSMISSION LINE CLEARANCE
DETAIL**
NO SCALE 1 TYP

- NOTES:**
1. THE CONTRACTOR WORKING ADJACENT TO OR UNDERNEATH POWER LINES SHALL MEET THE REQUIREMENTS OF WAC 296-24-960.
 2. HIGH VOLTAGE TRANSMISSION WIRES ARE LOCATED IMMEDIATELY ABOVE THE CONSTRUCTION LIMITS AREA. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN MOBILIZED ADJACENT TO OR DIRECTLY BELOW POWER LINES, PARTICULARLY WHEN USING EQUIPMENT WITH EXTENDED BOOM OR BUCKET. SNOHOMISH PUBLIC UTILITY DISTRICT REQUIRES MINIMUM CLEARANCE FROM EACH POWER LINE OF 15 FT RADIUS. SEE ADDITIONAL REQUIREMENTS IN SPECIFICATION SECTION 011400 AND SECTION 015010.
 3. HEIGHT OF POWER LINE IS LOWEST AT APPROXIMATELY THE CENTER OF SPAN WHERE SAG IS GREATEST. SAG MAY INCREASE DURING WINDY OR VARYING CLIMATE CONDITIONS.
 4. TOWER FOOTINGS VARY IN CONSTRUCTION BUT ARE APPROXIMATELY 24 TO 44 FEET BELOW FINISH GRADE. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THAT THE TOWER FOOTINGS ARE NOT UNDERMINED. CONTRACTOR SHALL MAINTAIN A MINIMUM CLEARANCE OF 10 FEET BETWEEN EXCAVATIONS AND TOWER FOOTINGS.
 5. SEE EASEMENT AND PERMIT AGREEMENTS IN THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 6. SAFETY WATCH. THE CONTRACTOR SHALL ENTER INTO AN AGREEMENT WITH SNOHOMISH COUNTY PUBLIC UTILITY DISTRICT NO. 1 FOR A SAFETY WATCH FOR ALL WORK PERFORMED WITHIN 15 FT OF POWER LINES. ALL COSTS ASSOCIATED WITH THE SAFETY WATCH SHALL BE BORNE BY THE CONTRACTOR.
 7. IN CASE OF EMERGENCY, CALL SNOHOMISH COUNTY PUBLIC UTILITY DISTRICT AT 425-783-1000 TO DISPATCH A QUALIFIED ELECTRICAL WORKER. FOR GENERAL CONTACT INFORMATION SEE PUBLIC UTILITY CONTACTS, _____.



- NOTES:**
1. COMPACTION: BEDDING SHALL BE COMPACTED TO 95% MAX. AS DETERMINED BY ASTM D1557. BACKFILL SHALL BE COMPACTED TO 95% IN PAVED OR SHOULDER AREAS AS DETERMINED BY ASTM D1557.
 2. ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE MOST CURRENT WSDOT/APWA STANDARD SPECIFICATIONS.
 3. NATIVE MATERIAL MEETING REQUIREMENTS OF 9-03.19 IS ACCEPTABLE FOR TRENCH BACKFILL.



- NOTES:**
1. BRACKETS SHALL BE PLACED A MAXIMUM OF 10' APART VERTICAL, DROP SHALL BE 8" DIA MIN FOR MAIN LINES AND 6" DIA FOR SIDE SEWERS.
 2. INVERT TO BE RECHANNELED AS REQUIRED.
 3. USE DEAD-END CHANNEL FOR MANHOLES WITH INVERT LINERS.
 4. ONLY ONE INSIDE DROP STRUCTURE PER 48"Ø MANHOLE.
 5. TWO INSIDE DROP STRUCTURES REQUIRE A 72"Ø MANHOLE.
 6. LADDER MUST BE INSTALLED ONE FOOT FROM THE DROP STRUCTURE (MEASURED EDGE TO EDGE) FROM THE MANHOLE SHELF TO THE DUCTILE IRON PIPE.
 7. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE COATED PER THE SPECIFICATIONS SECTION 7-05.3.
 8. THE DISTANCE FROM MANHOLE WALL TO INSIDE DROP SHALL BE 7.45" FOR 6"Ø, 7.4" FOR 8"Ø, AND 8.2" FOR 10"Ø D.I.P.

REVISIONS	DATE	BY	DESIGNED
			Y. MAHMOODI
			DRAWN
			Y. MAHMOODI
			CHECKED
			M. OLLIVANT
			APPROVED
			H. LONGFELLOW

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UTILITY DETAILS, AND SECTIONS

DRAWING NO.
4 OF 4
DT1