

PORT OF TACOMA FILE: P:\00454175\CAD\000\Parcels_12_3\DWG\101711.01 - Parcel 12 Habitat Mitigation Project\101711.01 - G1.0 (COVER SHEET)

BINDING EDGE

PORT OF TACOMA

BID SET
7/30/2026

PARCEL 12 DITCH MAINTENANCE SITE CLEANUP AND TREE REMOVAL PROJECT PROCUREMENT NO. 072026-1049 PROJECT NO. 101711.01 CONTRACT NO. PA000000296

PORT COMMISSIONERS:

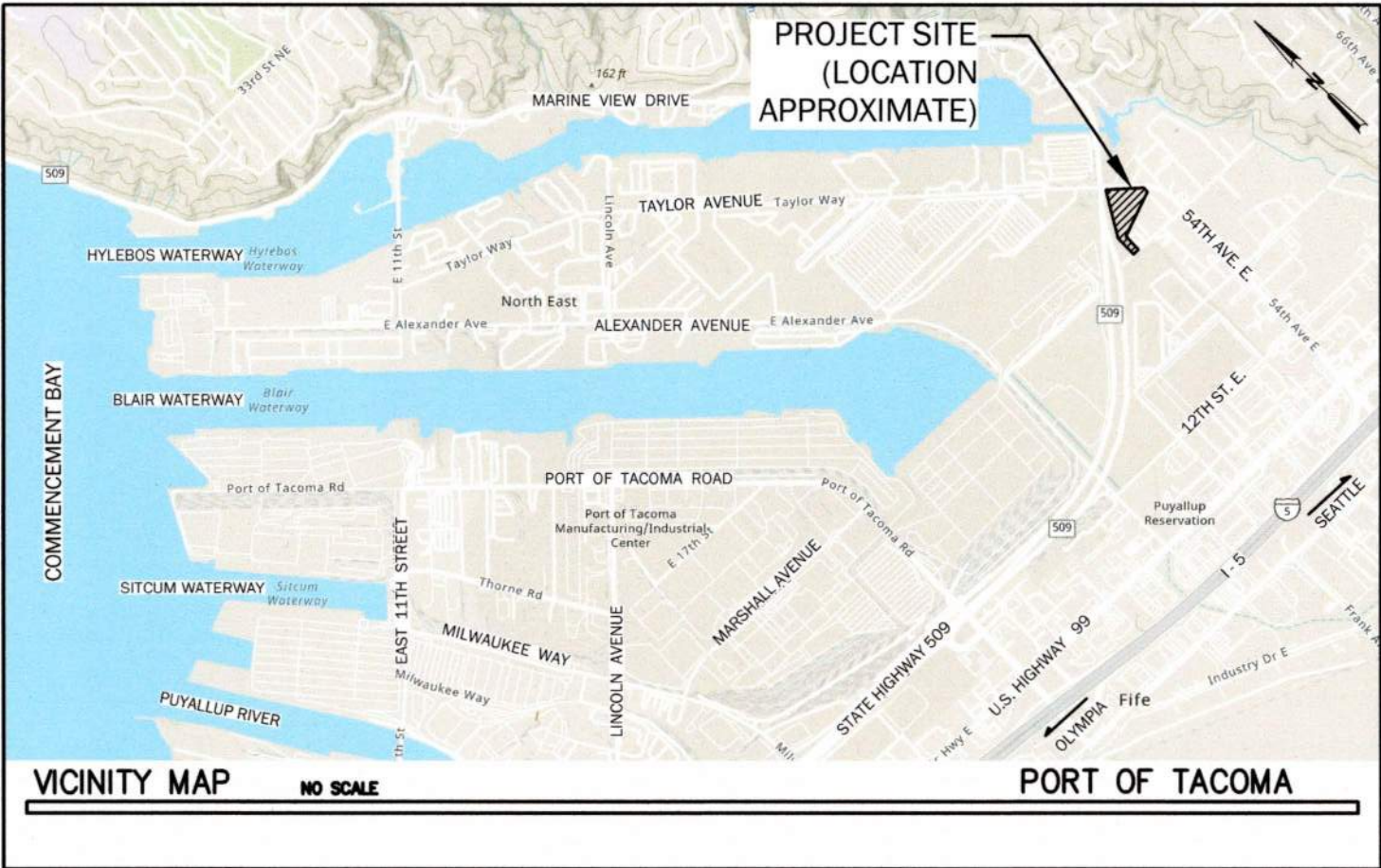
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DRAWING LIST			
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7/30/2026

DATE: 7/30/2026

APPR: 7/30/2026

BY: 7/30/2026

REVISION: 7/30/2026

MARK: 7/30/2026

PAUL BESKOW
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APPROVED: [Signature]

DATE: 7/30/2026

PCB/PJS

PROJ. ENGR. DATE: 7/30/2026

DIRECTOR ENG. DATE: 7/30/2026

PRINTED BY: psavethik Jul 30, 2026

PORT ADDRESS: ONE SITCUM PLAZA

TACOMA, WA 98401-1837

6742

G1.0

1 OF 23

CONTR/CONS: PA000000296

M. ID: 101711.01

PHASE: BID SET

TOWNSHIP: 20N

RANGE: 3E

SECTION: 1

DATE: 7/30/2026

VERT: MLLW 19.39' @ Tide 22 1933

PARCEL: 12

DRAWING SCALE: AS NOTED

PARCEL 12 DITCH MAINTENANCE

SITE CLEANUP AND TREE REMOVAL PROJECT

COVER SHEET

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GENERAL NOTES

- ALL WORK SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE PROJECT PERMITS AND ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS PERTAINING TO DEMOLITION AND DISPOSAL.
- CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A DETAILED WORK PLAN, INCLUDING A SEQUENCING PLAN, PRIOR TO COMMENCING WORK, PER SPECIFICATIONS.
- THESE PLANS, THE CONTRACT DOCUMENTS AND SPECIFICATIONS REPRESENT THE SCOPE OF WORK. UNLESS OTHERWISE SHOWN, THEY DO NOT INDICATE THE METHOD OF WORK. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. CONTRACTOR IS RESPONSIBLE FOR ANY TRAFFIC CONTROLS REQUIRED THROUGHOUT THE DURATION OF THE PROJECT, PER SPECIFICATIONS.
- PRIOR TO COMMENCING DEMOLITION ACTIVITIES CONTRACTOR SHALL IMPLEMENT TEMPORARY EROSION AND SEDIMENTATION CONTROLS. NO DEMOLITION MATERIALS OR DEBRIS SHALL BE ALLOWED TO ENTER THE WATERWAY, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN PERIMETER FENCING AS REQUIRED TO MAINTAIN SECURITY OF SITES.
- CONTRACTOR SHALL PROTECT-IN-PLACE ALL STRUCTURES, UTILITIES AND OBJECTS NOT CALLED OUT AS BEING DEMOLISHED ON THE PLANS. ANY DAMAGE TO ITEMS NOT BEING DEMOLISHED SHALL BE REPAIRED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO STRICTLY CONTAIN THE WORK WITHIN THE LIMITS SHOWN ON THE PLANS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ANY DAMAGE TO UTILITIES, OTHER FACILITIES, OR EQUIPMENT DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE PROMPTLY REPAIRED AT THEIR EXPENSE. THIS INCLUDES ITEMS OUTSIDE THE WORK AREA THAT ARE DAMAGED BY CONSTRUCTION ACTIVITIES DURING EXECUTION OF THIS CONTRACT.

UTILITY NOTES

- CONTRACTOR SHALL CALL 811 (1-800-424-5555) FOR UTILITIES WITHIN THE PUBLIC RIGHT-OF-WAY AND SHALL HAVE A PRIVATE LOCATE SERVICE LOCATE ALL UTILITIES ON PRIVATE PROPERTY.
- ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREIN HAVE BEEN ESTABLISHED BY FIELD OBSERVATIONS OR OBTAINED FROM REVIEW OF AVAILABLE RECORDS AND SHOULD, THEREFORE, BE CONSIDERED APPROXIMATE ONLY, AND NOT NECESSARILY COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID OTHER UTILITIES NOT SHOWN HEREIN WHICH MAY BE AFFECTED BY THE IMPLEMENTATIONS OF THIS PLAN.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO COMMENCING WORK IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.

SURVEY CONTROL POINTS				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
221	705831.88	1178675.45	17.41	MAG
222	706104.78	1178717.56	17.87	MAG
224	706230.77	1178926.14	16.98	MAG
225	706332.80	1179141.35	19.84	MAG
226	706427.80	1179160.77	15.59	RBC
227	706531.59	1179052.14	16.56	MAG
235	706427.80	1179160.76	15.58	RBC 5-8"APEX-ENG-34130-1890?"
245	706684.57	1178875.23	15.55	RBC
246	706670.16	1178731.68	12.83	RBC
247	706501.67	1179137.38	16.09	MIC
248	706957.57	1178647.75	15.55	MIC
249	705757.77	1178901.26	15.19	MAG
250	705730.43	1179365.13	15.52	MIC
251	705768.83	1178380.07	12.89	MAG X NAIL-WITH-1"WASHER
252	705770.92	1178268.98	11.49	RBC X APEX-18902-34130
253	706482.65	1178384.01	23.04	MAG
8028	705750.83	1178363.56	12.56	MAG X PLASTIC-WSHER
8090	706338.37	1179157.35	12.93	RBC SET
8092	706069.03	1178391.92	14.30	RBC 1/2" LS10708

SEE DRAWING SV1.0 TO SV1.3 FOR MONUMENT AND SURVEY CONTROL POINT LOCATIONS

EROSION AND SEDIMENT CONTROL NOTES

- THE IMPLEMENTATION OF THE TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLAN AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR/ESC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
- PRIOR TO CONSTRUCTION, THE BOUNDARIES OF THE DISTURBANCE LIMITS SHOWN ON THESE PLANS SHALL BE CLEARLY FLAGGED BY SURVEY TAPE OR FENCING. DISTURBANCE BEYOND THESE LIMITS IS NOT PERMITTED THROUGHOUT THE CONSTRUCTION PERIOD.
- FLAGGING FOR THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/ESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND THAT TRACK OUT TO ROAD RIGHT-OF-WAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT.
- THE ESC FACILITIES SHOWN ON THESE PLANS MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING, GRADING, OR EXCAVATION TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, FLOW CONTROL BMP LOCATIONS (EXISTING AND PROPOSED), AND ADJACENT PROPERTIES IS MINIMIZED.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G., ADDITIONAL COVER MEASURES, ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION ETC.) OR AS DIRECTED BY THE PORT.
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/ESC SUPERVISOR DURING NON-RAINFALL PERIODS, EVERY HOUR (DAYLIGHT) DURING A RAINFALL EVENT, AND AT THE END OF EVERY RAINFALL, AND MAINTAINED TO ENSURE THEIR CONTINUED PROPER FUNCTIONING. IN ADDITION, TEMPORARY SILTATION PONDS AND ALL TEMPORARY SILTATION CONTROLS SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CLEARING AND CONSTRUCTION IS COMPLETED, AND THE POTENTIAL FOR EROSION HAS PASSED. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES DURING THE WET SEASON (OCT. 1 TO APRIL 30) AND OF MONTHLY REVIEWS DURING THE DRY SEASON (MAY 1 TO SEPT 30).
- ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO CONSECUTIVE DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC COVER METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
- ANY AREA NEEDING ESC MEASURES THAT DO NOT REQUIRE IMMEDIATE ATTENTION SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.
- THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED/MAINTAINED A MINIMUM OF ONCE A MONTH (MORE FREQUENTLY AS REQUIRED BY CITY CONSTRUCTION INSPECTOR) OR WITHIN TWENTY-FOUR (24) HOURS FOLLOWING A STORM EVENT.
- IF SEDIMENT IS TRACKED OFFSITE, PUBLIC ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY DURING WET WEATHER, IF NECESSARY TO PREVENT SEDIMENT FROM ENTERING WATERS OF THE STATE. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR PICKUP SWEEPING AND SHALL BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING WILL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ONSITE, OR OTHERWISE BE PREVENTED FROM DISCHARGING INTO DRAINAGE SYSTEMS TO SURFACE WATERS.
- DURING THE WET SEASON (OCTOBER 1 - APRIL 30) NOTES:
 - THE ALLOWED TIME THAT A DISTURBED AREA MAY REMAIN UNWORKED WITHOUT COVER MEASURES IS REDUCED TO TWO CONSECUTIVE WORKING DAYS FROM 7.
 - STOCKPILES AND STEEP CUT AND FILL SLOPES ARE TO BE PROTECTED IF UNWORKED FOR MORE THAN 12 HOURS.
 - COVER MATERIALS SUFFICIENT TO COVER ALL DISTURBED AREAS SHALL BE STOCKPILED ON SITE.
 - ALL AREAS THAT ARE TO BE UNWORKED DURING THE WET SEASON SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON.
 - FIFTY LINEAR FEET OF SILT FENCE (AND THE NECESSARY STAKES) PER ACRE OF DISTURBANCE MUST BE STOCKPILED ON SITE.
 - CONSTRUCTION ROAD AND PARKING LOT STABILIZATION ARE REQUIRED FOR ALL SITES UNLESS THE SITE IS UNDERLAIN BY COARSE-GRAINED SOIL.
 - SEDIMENT RETENTION IS REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW.
 - SURFACE WATER CONTROLS ARE REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW.
 - WHEN LOCATED WITHIN AN ENVIRONMENTALLY CRITICAL AREA, A WET SEASON PERMIT IS REQUIRED.
- A DETAILED CONSTRUCTION SEQUENCE PLAN IS REQUIRED TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE APPLIED AT THE APPROPRIATE TIMES. A CONSTRUCTION SEQUENCE TEMPLATE IS PROVIDED BELOW, TO BE UPDATED TO SPECIFICALLY MATCH THE PROJECT:
 - PRE-CONSTRUCTION MEETING.
 - POST SIGN WITH NAME AND PHONE NUMBER OF CSWPP/ESC SUPERVISOR.
 - FLAG OR FENCE CLEARING LIMITS.
 - INSTALL CATCH BASIN PROTECTION, IF REQUIRED.
 - GRADE AND INSTALL CONSTRUCTION ENTRANCE(S).
 - INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).
 - CONSTRUCT SEDIMENT PONDS AND TRAPS.
 - GRADE AND STABILIZE CONSTRUCTION ROADS.
 - MAINTAIN EROSION CONTROL MEASURE IN ACCORDANCE WITH CITY OF TACOMA PUBLIC WORKS STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
 - RELOCATE EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE, THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE CITY ESC MINIMUM REQUIREMENTS.
 - COVER ALL AREAS WITHIN THE SPECIFIED TIME FRAME WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, CRUSHED ROCK OR EQUIVALENT.
 - STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN SEVEN (7) DAYS.
 - SEED ANY AREAS TO REMAIN UN-WORKED FOR MORE THAN THIRTY (30) DAYS.
 - UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BEST MANAGEMENT PRACTICES (BMPS) REMOVED IF APPROPRIATE.

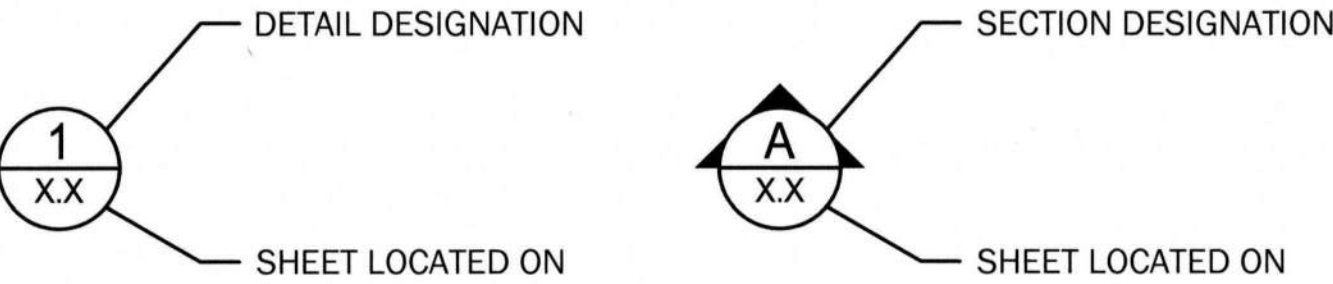
WATER LEVEL SUMMARY

- ALL WORK WATER LEVELS WITHIN THE PROJECT AREA LIMITS VARY BASED ON THE DISCHARGE FROM THE DITCH AND TIDAL WATER LEVELS. WATER LEVELS CAN BE HIGHLY VARIABLE DURING TIME PERIODS OF HIGHER TIDES. APPROXIMATE TIDE ELEVATIONS (WITHOUT CREEK FLOW OR STORM INFLUENCE) ARE PROVIDED IN THE FOLLOWING TABLE.

APPROXIMATE TIDE ELEVATIONS (FT)		
	NOAA STATION 9446484 (FT, MLLW)	PORT OF TACOMA (FT, MLLW)
MAX TIDE	14.87	15.15
HAT	13.78	14.06
MHHW	11.78	12.06
MHW	10.9	11.18
MSL	6.84	7.12
MLW	2.84	3.12
MLLW (NOAA)	0	0.28
MLLW (POT)	-0.28	0

- NOAA STATION 9446484 TACOMA, WA. EPOCH: 1983-2001.
- TO CONVERT FROM NOAA STATION VALUES TO PORT OF TACOMA VALUES ADD 0.28 FT.
-

SHEET SYMBOLS



DETAIL

SECTION

ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	GIR	GIRDER	REINF	REINFORCEMENT
ABUT	ABUTMENT	HDPE	HIGH DENSITY POLYETHYLENE	REQ/REQ'D	REQUIRED
ALUM	ALUMINUM	HMA	HOT-MIX ASPHALT	REV	REVISION
APPROX	APPROXIMATE	HORIZ	HORIZONTAL	ROW	RIGHT OF WAY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	HW	HIGH WATER	RPZ	ROOT PROTECTION ZONE
B/	BOTTOM	ID	INNER DIAMETER	RT	RIGHT
BM	BENCHMARK	IE	INVERT ELEVATION	SD	STORMDRAIN
BMP	BEST MANAGEMENT PRACTICE	IN	INCH	SDWK	SIDEWALK
B.O.	BOTTOM OF	KSI	KIPS PER SQUARE INCH	SE	SOUTHWEST
BRG	BEARING	LB/LBS	POUNDS	SHLDR	SHOULDER
BTM	BOTTOM	LOC	LIMIT OF CONSTRUCTION	SQ	SQUARE
CF	CUBIC FEET	LT	LEFT	SIM	SIMILAR
CFS	CUBIC FEET PER SECOND	MAX	MAXIMUM	SS	STAINLESS STEEL OR SEWER SYSTEM
CIP	CAST-IN-PLACE	MHW	MEAN HIGH WATER	STA	STATION
CJ	CONSTRUCTION JOINT	MHHW	MEAN HIGHER HIGH WATER	STD	STANDARD
CJP	COMPLETE JOINT PENETRATION	MIN	MINIMUM	SW	SOUTHWEST
CL	CENTERLINE	MSL	MEAN SEA LEVEL	SWDM	SURFACE WATER DESIGN MANUAL
CLR	CLEAR	MLW	MEAN LOW WATER	SWPPS	STORMWATER POLLUTION PREVENTION PLANS
COL	COLUMN	MLLW	MEAN LOWER LOW WATER	T	THICK
CONC	CONCRETE	MW	MONITORING WELL	T/	TOP
CONT	CONTINUOUS	N	NORTH/NORTHING	TEMP	TEMPORARY
CP	CONTROL POINT	NAD83	NORTH AMERICAN DATUM OF 1983	TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
CPEP	CORRUGATED POLYETHYLENE PIPE	NE	NORTHEAST	TO	TOP OF
CRZ	CRITICAL ROOT ZONE	NGAS	NATURAL GAS	TPL	TREE PROTECTION LIMITS
CTR	CENTER	NO	NUMBER	TYP	TYPICAL
CU	CUBIC	NTS	NOT TO SCALE	UNO	UNLESS NOTED OTHERWISE
Ø/DIA	DIAMETER	NW	NORTHWEST	VC	VERTICAL CURVE
DWG	DRAWING	OC	ON CENTER	VERT	VERTICAL
E	EAST/EASTING	OD	OUTER DIAMETER	W	WATER LINE
EA	EACH	OHW	ORDINARY HIGH WATER	WP	WORKING POINT
EF	EACH FACE	OHWM	ORDINARY HIGH WATER MARK	W/	WITH
EL / ELEV	ELEVATION	OPP	OPPOSITE	WS	WATER SURFACE
EOP	EDGE OF PAVEMENT	PC	PRECAST	WSDOT	WASHINGTON STATE DEPARTMENT
EQ	EQUAL	PG	PERFORMANCE GRADING	YR	OF TRANSPORTATION
EX	EXISTING	PSI	POUNDS PER SQUARE INCH	@	YEAR
EXP	EXPANSION	PSF	POUNDS PER SQUARE FOOT	"	MIN OR FEET
FT	FEET	PVC	POINT OF VERTICAL CURVATURE	°	SECONDS OR INCHES
GA	GAUGE	PVI	POINT OF VERTICAL INTERSECTION	%	DEGREES
GALV	GALVANIZED	PVT	POINT OF VERTICAL TANGENCY		PERCENT
		RECT	RECTANGLE		
		REF	FOR REFERENCE ONLY		

PROJECT DATUM AND SURVEY INFORMATION

- DATUM REFERENCE DATA TAKEN FROM SURVEY DATA COLLECTED BY SITTS AND HILL. SURVEY DATA CAN ONLY BE CONSIDERED REPRESENTATIVE OF THE CONDITIONS AT THE TIME OF THE SURVEY.
- HORIZONTAL DATUM: NAD83/2011 WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, US SURVEY FEET (PER PORT OF TACOMA SURVEY CONTROL MAP - 2016).
- VERTICAL DATUM: MEAN LOWER LOW WATER (PER PORT OF TACOMA SURVEY CONTROL MAP, DATED 2016).
- PORT OF TACOMA MONUMENT: MONUMENT #178. LEAD AND TACK FOUND IN THE NORTHEAST GUTTER OF TAYLOR WAY. MONUMENT #178 ELEVATION=15.73'.
- ALL ELEVATIONS ARE REFERENCED TO MLLW (PORT OF TACOMA TIDAL DATUM).
- WATER LEVELS SHOWN ARE ONLY FOR REFERENCE AND MAY NOT REPRESENT CONDITIONS DURING CONSTRUCTION.

1145 BROADWAY, SUITE 300, TACOMA, WA 98402

1/30/2026

6742

G2.0

2 OF 23

PARCEL 12 DITCH MAINTENANCE

SITE CLEANUP AND TREE REMOVAL PROJECT

GENERAL NOTES

CONTRACTOR: PA00000296

M. ID: 101711.01

PHASE: PRE-BID SET

TOWNSHIP: 20N

DAT-HRZ: WAB3-SF

PARCEL: 12

RANGE: 3E

SECTION: 1

DATE: 10/17/2025

PRINTED BY: psavchik Jul 30, 2026

PORT ADDRESS: ONE SITCUM PLAZA

TACOMA, WA 98401-1837

APPROVED:

David A. Howard

DIRECTOR

RSC/SMM

CHECKED BY: DATE

PCB/PJS

PROJ. ENGR. DATE

DATE: 10/17/2025

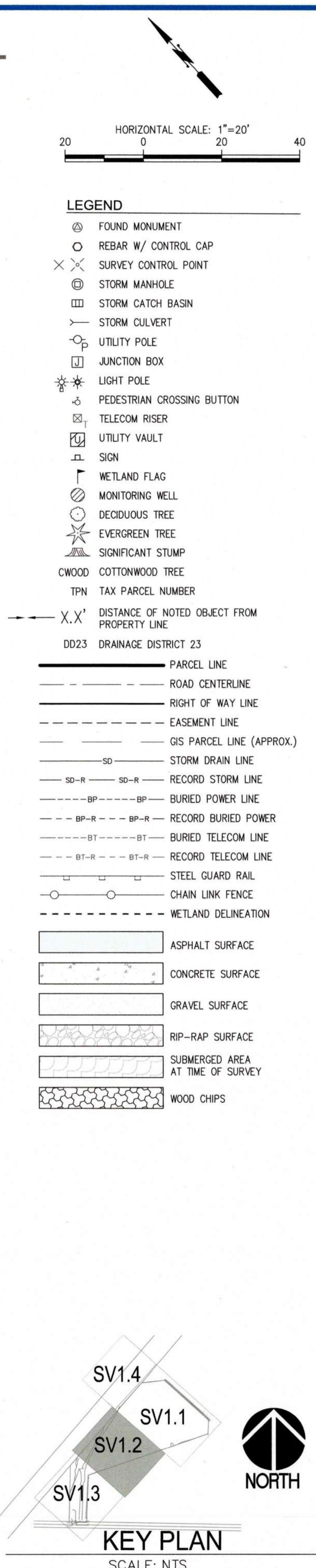
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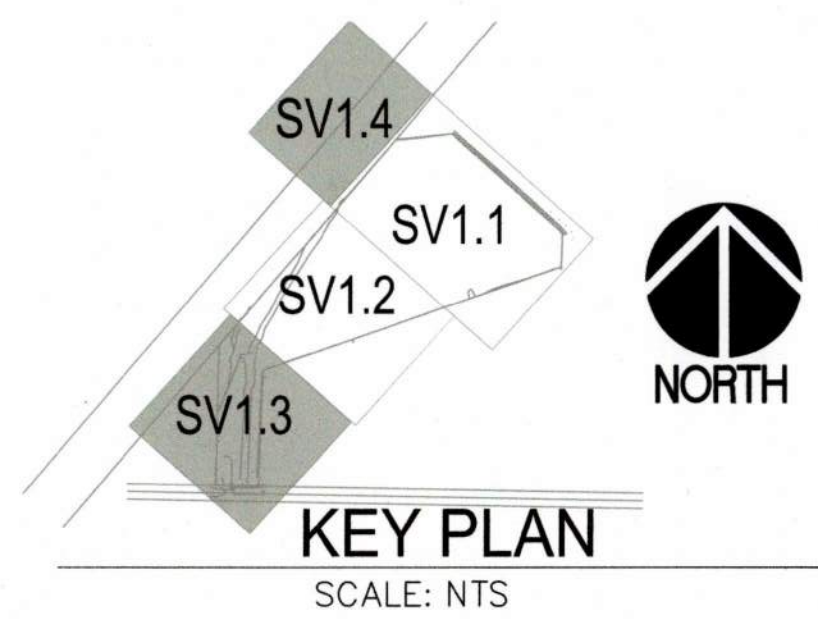
BY: 10/17/2025

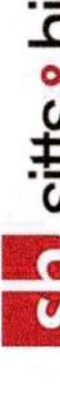
REVISION: 10/17/2025

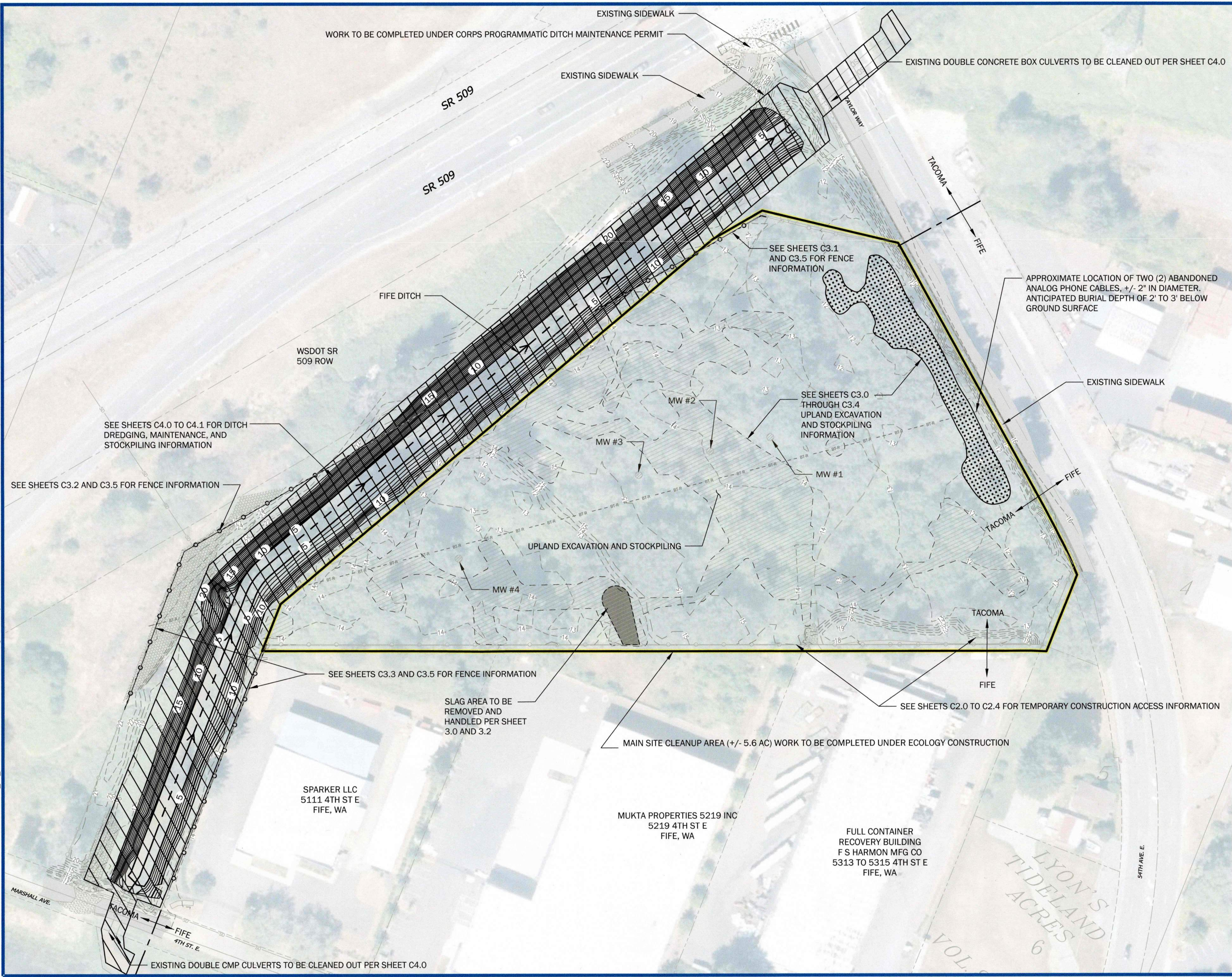
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6742 SV1.4 6 OF 23				PARCEL 12 DITCH MAINTENANCE SITE CLEANUP AND TREE REMOVAL PROJECT EXISTING SITE PLAN - PAGE 4				APPROVED: 		RSC/SMM		 06.11.24		 DIVISION OF ARCHITECTURAL / SURVEY 4415 CENTER STREET TACOMA, WA 98401 PHONE: (252) 474-1033 info@shsitsandhill.com  P.O. BOX 4837 TACOMA, WA 98401 (252) 474-3041			
CON'T/CONS: PA0000007296		TOWNSHIP: 20N		RANGE: 3E		SECTION: 1				MARK:		REVISION:		BY:		DATE:	
M. ID: 101711.01		DAT-HRZ: WA83-SF		VERT: MLLW 19.39' @ Tide		22 1933		PRINTED BY: psavchik jul 30, 2026									
PHASE: PRE-BID SET		PARCEL: 12		DRAWING SCALE: AS NOTED		TACOMA, WA 98401-1837		PORT ADDRESS: ONE SITCUM PLAZA									



LEGEND

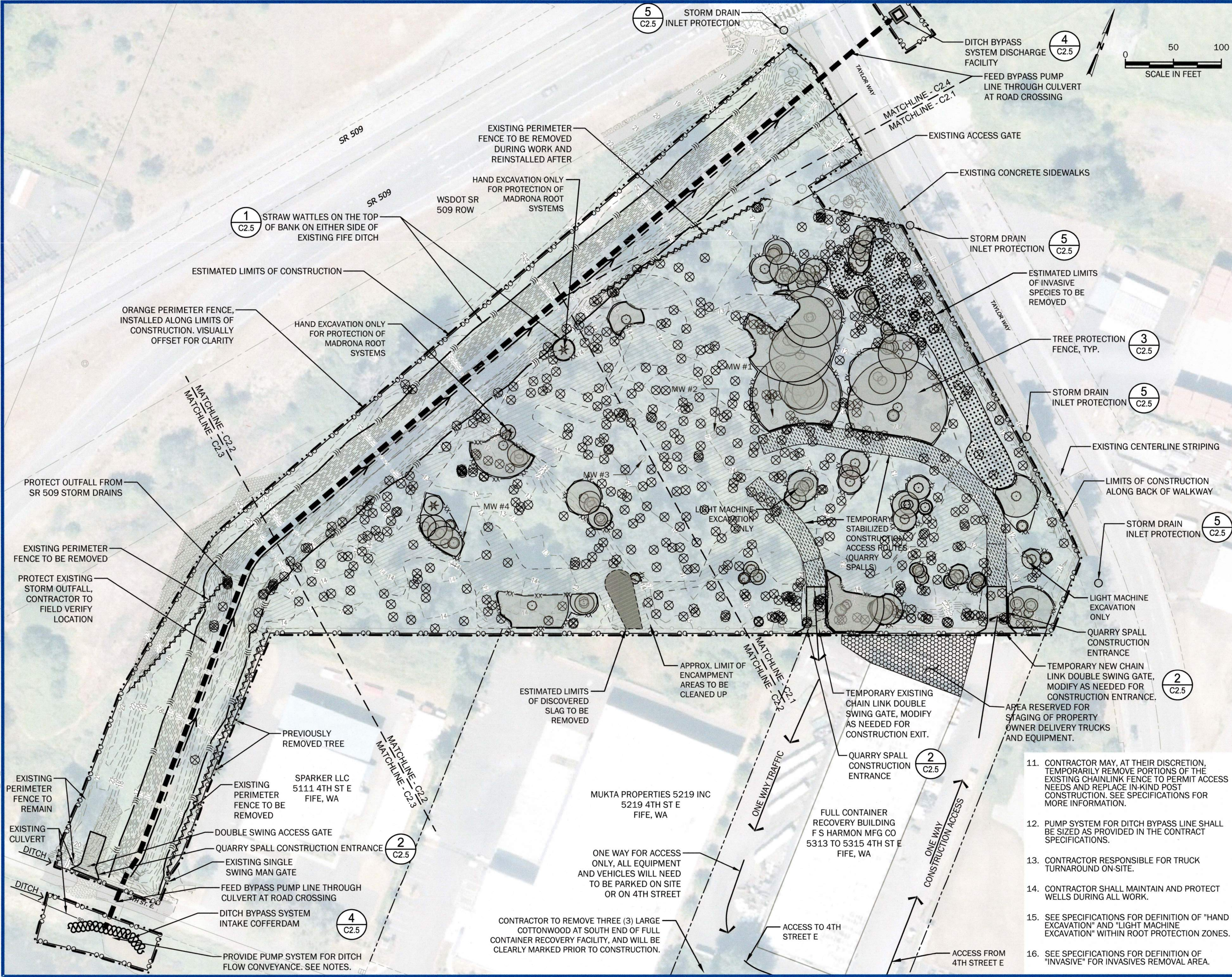
	ENCAMPMENT LIMIT (APPROX.) 6" DEPTH REMOVAL (64,300 S.F.)		3
	SLAG AREA (APPROX.) 18" - 24" DEPTH REMOVAL (2,000 S.F.)		5
	REMOVE INVASIVE ROOT SYSTEMS. 12" DEPTH REMOVAL (10,000 S.F.)		4
	PROPOSED MAJOR (5-FT) CONTOUR LINE		1
	PROPOSED MINOR (1-FT) CONTOUR LINE		2
	PROPOSED DITCH ALIGNMENT		
	PROPERTY LINE		
	R.O.W. LINE		
	ROADWAY CENTER LINE		
	R.O.W. CENTER LINE		
	EXIST FIFE DITCH ALIGNMENT		
	EXIST FENCE		
	NEW FENCE		
	RECORDED BURIED TELECOM		
	EXISTING WETLAND BOUNDARY		
	EXISTING MAJOR (5-FT) CONTOUR LINE		
	EXISTING MINOR (1-FT) CONTOUR LINE		
	EXIST MONITORING WELL (MW)		
	EXIST UTILITY POLE		
	EXIST SIGN		
	FOUND MONUMENT		
	WORK COMPLETED UNDER CORPS PROGRAMMATIC DITCH MAINT. PERMIT		
	WORK TO BE COMPLETED UNDER ECOLOGY CONSTRUCTION STORMWATER PERMIT		

NOTES:

- FIFE DITCH MAINTENANCE SHALL BE COMPLETED UNDER CORPS PERMIT, INCLUDED AS APPENDIX H OF THE SPECIFICATIONS.
- CONTRACTOR SHALL MAINTAIN AND PROTECT MONITORING WELLS DURING ALL WORK.

6742	C1.0	PARCEL 12 DITCH MAINTENANCE SITE CLEANUP AND TREE REMOVAL PROJECT				COMPOSITE SITE PLAN	
CONT/CONS: PA00000296	TOWNSHIP: 20N	RANGE: 3E	SECTION: 1	DATE: JUL 30, 2026	PRINTED BY: psavetnik	DATE: JUL 30, 2026	
M. ID: 101711.01	DAT-HRZ: WA83-SF	VERT: MLLW 19.39'	© Tide 22 1933	PORT ADDRESS: ONE SITCUM PLAZA	TACOMA, WA 98401-1837		
PHASE: PRE-BID SET	PARCEL: 12	DRAWING SCALE: AS NOTED					

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LEGEND

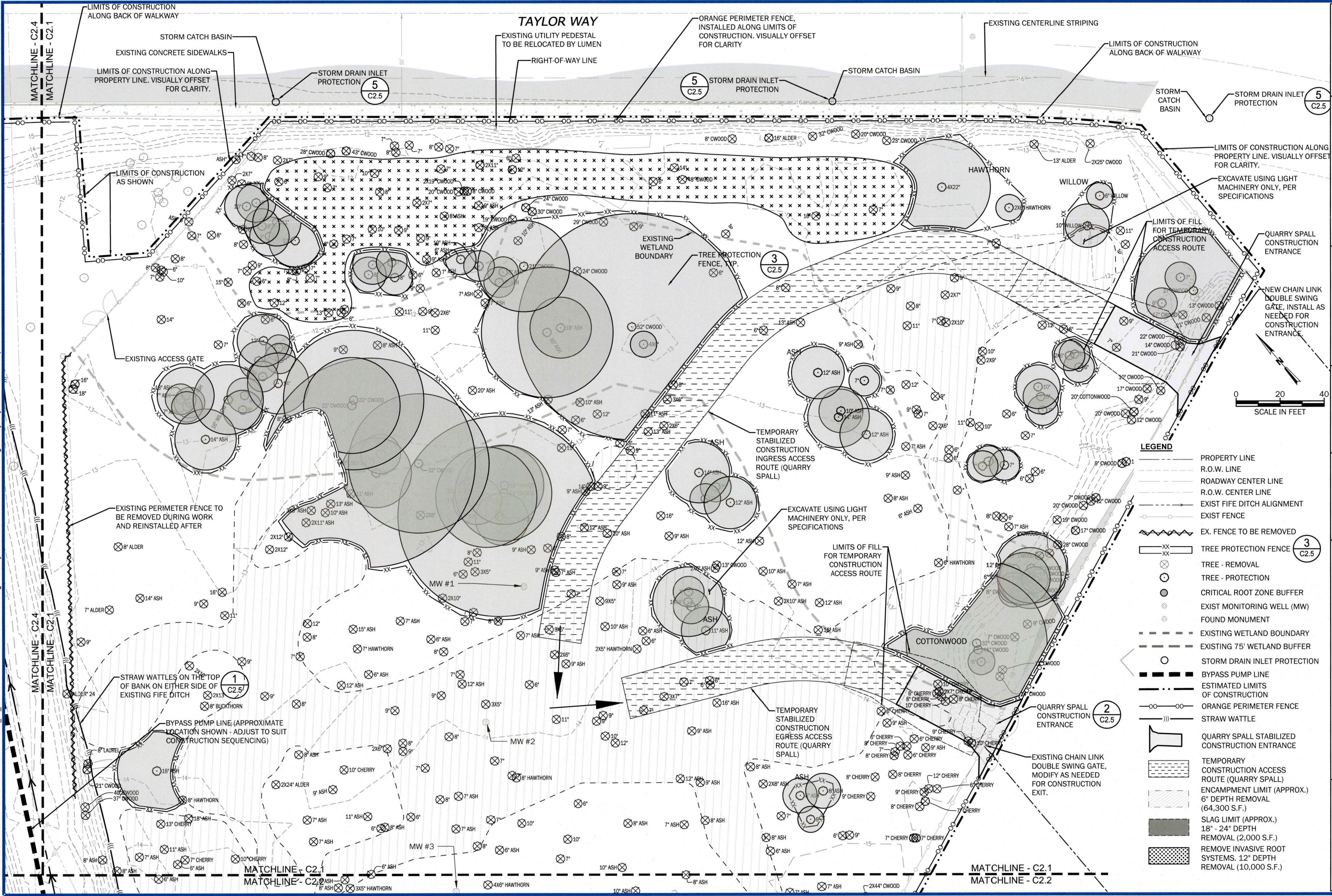
- PROPERTY LINE
- R.O.W. LINE
- ROADWAY CENTER LINE
- R.O.W. CENTER LINE
- EXIST FIFE DITCH ALIGNMENT
- EXIST FENCE
- EX. FENCE TO BE REMOVED
- TREE PROTECTION FENCE
- TREE - REMOVAL
- TREE - PROTECTION
- ROOT PROTECTION ZONE BUFFER
- EXIST MONITORING WELL (MW)
- FOUND MONUMENT
- EXISTING WETLAND BOUNDARY
- EXISTING 75' WETLAND BUFFER
- STORM DRAIN INLET PROTECTION
- BYPASS PUMP LINE
- ESTIMATED LIMITS OF CONSTRUCTION
- ORANGE PERIMETER FENCE
- STRAW WATTLE
- QUARRY SPALL STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY CONSTRUCTION ACCESS ROUTE (QUARRY SPALL)
- ENCAMPMENT LIMIT (APPROX.)
- 6" DEPTH REMOVAL (64,300 S.F.)
- SLAG LIMIT (APPROX.)
- 18" - 24" DEPTH REMOVAL (2,000 S.F.)
- REMOVE INVASIVE ROOT SYSTEMS. 12" DEPTH REMOVAL (10,000 S.F.)
- STAGING AREA FOR OTHERS

NOTES:

- ENCAMPMENT LIMITS SHOWN ARE APPROXIMATE. ACTUAL LIMITS OF CLEARING TO BE DETERMINED BY SITE CONDITIONS. REMOVE ALL TREES OUTSIDE OF TREE PROTECTION FENCE LIMITS.
- TREES SHOWN WITHIN PROTECTION FENCE TO BE RETAINED EXCEPT WHERE TREE REMOVAL IS SHOWN WITHIN ROOT PROTECTION ZONES (RPZ). ALL OTHER TREES ON-SITE NOT WITHIN PROTECTION FENCE ARE TO BE REMOVED, INCLUDING ENTIRETY OF ROOT WAD.
- TREES SHOWN TO BE REMOVED THAT ARE WITHIN RPZ SHALL BE REMOVED WITHOUT MACHINERY ENTERING THE TREE PROTECTION AREA.
- DRAWINGS ONLY SHOW TREES OF 6" DBH OR LARGER. ALL TREES SMALLER THAN 6" DBH SHALL BE REMOVED.
- LOCATION OF RETAINED TREES IS APPROXIMATE. ENGINEER TO FIELD LOCATE AND INDICATE ALL TREES TO BE RETAINED ON-SITE PRIOR TO CONSTRUCTION.
- TREES REMOVED FROM SITE TO BE CHIPPED AND HAULED TO OFF-SITE STORAGE FOR FUTURE USE. SEE SHEET 2.4 FOR OFF-SITE LOCATION.
- TREES WITH INVASIVES SHALL BE HAULED FOR DISPOSAL AND SHALL NOT BE USED FOR WOOD CHIP LAYDOWN ON-SITE OR INCLUDED IN OFF-SITE STOCKPILE (SEE SPECIFICATIONS).
- CONTRACTOR TO REMOVE ALL MAN MADE WASTE AND DEBRIS FROM THE SITE, INCLUDING BUT NOT LIMITED TO TRASH, TIRES, DRUG PARAPHERNALIA, SCREWS AND SPIKES IN TREES.
- CONTRACTOR RESPONSIBLE FOR SECURING CONSTRUCTION SITE FROM UNAUTHORIZED ACCESS.
- CONTRACTOR TO LOCK AND SECURE ANY AND ALL CONSTRUCTION ACCESS POINTS OUTSIDE OF WORK HOURS.

6742 C2.0 8 OF 23	PARCEL 12 DITCH MAINTENANCE				APPROVED:		RCS /SSM		DATE		
	SITE CLEANUP AND TREE REMOVAL PROJECT				PCB /PJS		DATE		DATE		
	TESC & DEMO PLAN				DIRECTOR ENG. DATE		PROJ. ENGR DATE		DATE		
					PRINTED BY:		DATE		DATE		
CON/CONS: PA00000206		TOWNSHIP: 20N		RANGE: 3E		SECTION: 1		DATE: JUL 30, 2026		DATE:	
M. ID: 101711.01		DAT-HRZ: WA83-SF		VERT: MLLW 19.39' @ Tide 22 1933		PORT ADDRESS: ONE SITCUM PLAZA		DATE:		DATE:	
PHASE: BID SET		PARCEL: 12		DRAWING SCALE: AS NOTED		TACOMA, WA 98401-1837		DATE:		DATE:	

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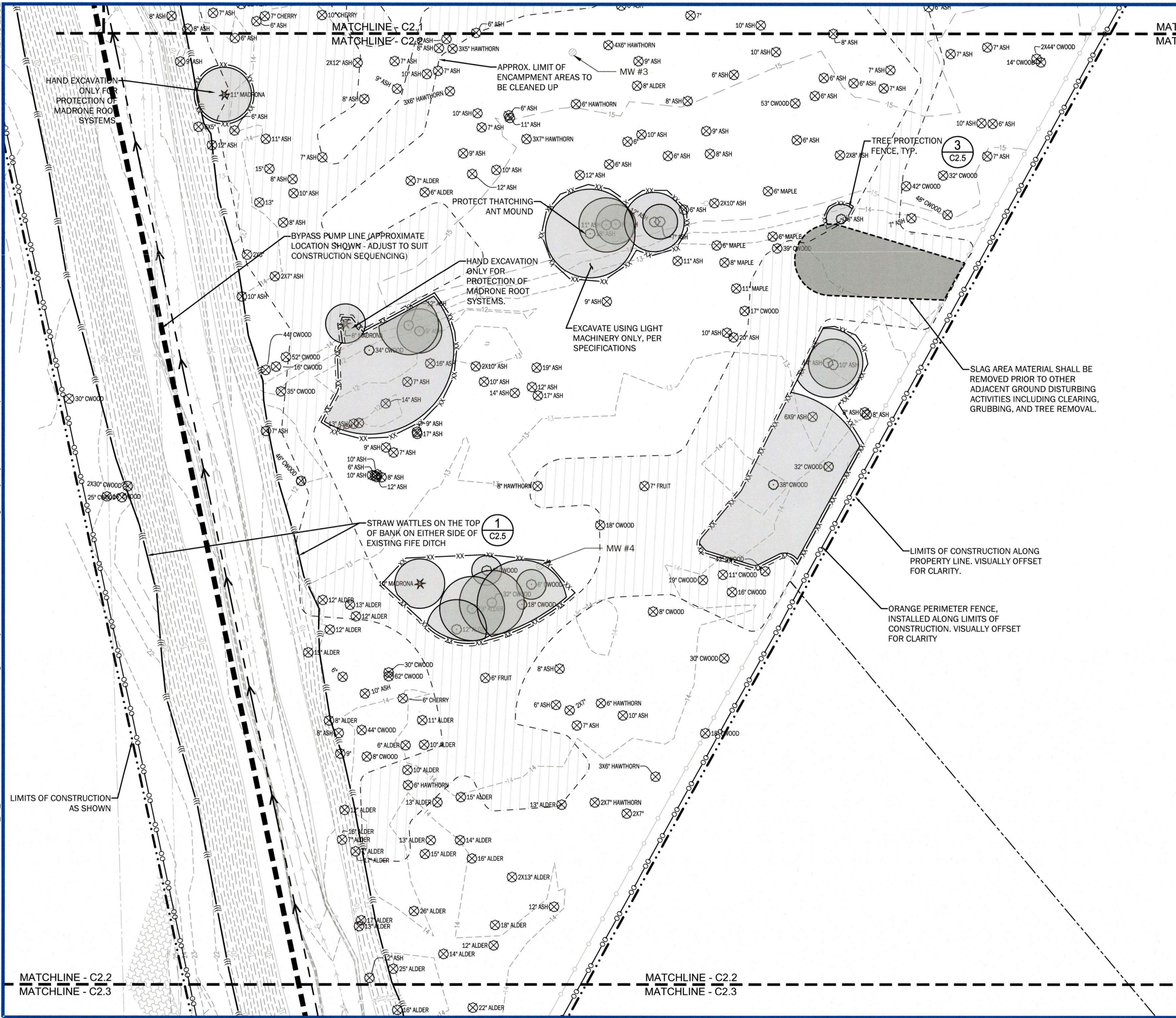


6742 C2.1 9 OF 23	PARCEL 12 DITCH MAINTENANCE				APPROVED:		RCS/SSM		CHECKED BY		DATE		
	SITE CLEANUP AND TREE REMOVAL PROJECT				TESC & DEMO PLAN - NORTH		PCB/PJS		PROJ. ENGR		DATE		
	CONTRACT/CONS: PA000002096				TOWNSHIP: 20N		RANGE: 3E		SECTION: 1		PRINTED BY: psavethik Jul 30, 2026		
	M. ID: 101711.01				DATE-HRZ: WAB3-SF		VERT: MLLW 19.39' @ Tide 22 1933		PORT ADDRESS: ONE SITCUM PLAZA		TACOMA, WA 98401-1837		
PHASE: BID SET				PARCEL: 12				DRAWING SCALE: AS NOTED				THIS DRAWING IS THE PROPERTY OF THE PORT OF TACOMA AND SHALL NOT BE USED ON OTHER WORK, DISCLOSED, COPIED, IN WHOLE OR IN PART, WITHOUT WRITTEN PERMISSION	

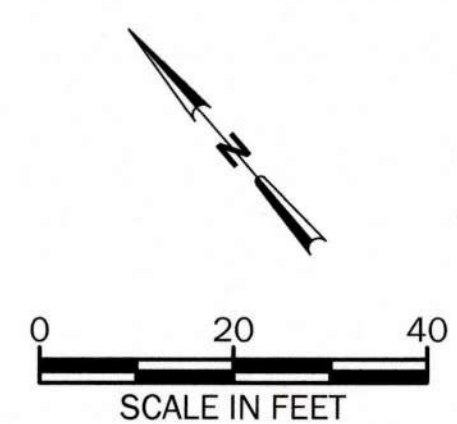
Port of Tacoma
P.O. BOX 1837 TACOMA, WA 98401 (206) 388-5841

GeoEngineers
P.O. BOX 1837 TACOMA, WA 98401 (206) 388-5841

Baumwolt
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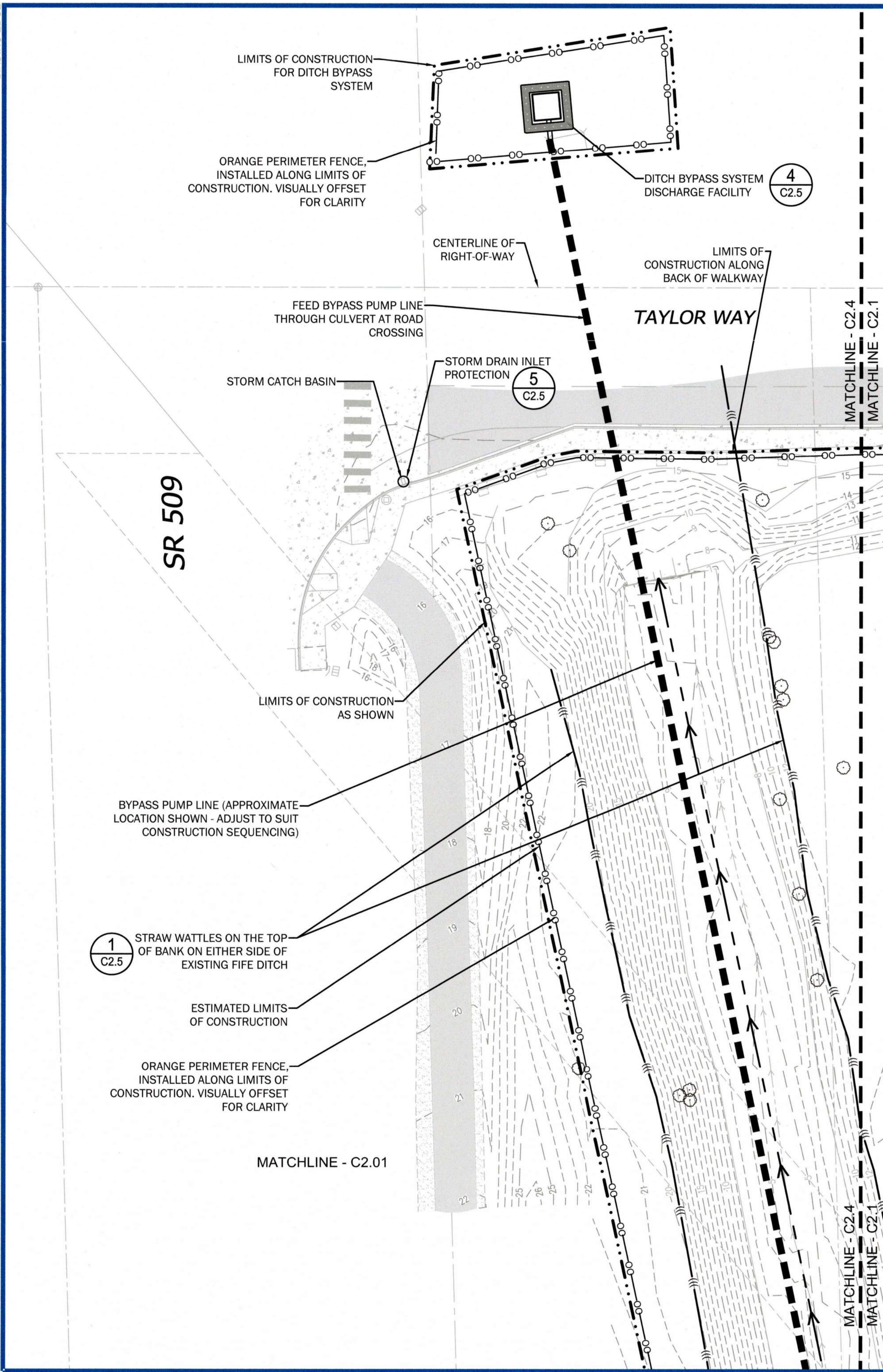


- LEGEND**
- PROPERTY LINE
 - R.O.W. LINE
 - ROADWAY CENTER LINE
 - R.O.W. CENTER LINE
 - EXIST FIFE DITCH ALIGNMENT
 - EXIST FENCE
 - EX. FENCE TO BE REMOVED
 - TREE PROTECTION FENCE
 - TREE - REMOVAL
 - TREE - PROTECTION
 - CRITICAL ROOT ZONE BUFFER
 - EXIST MONITORING WELL (MW)
 - FOUND MONUMENT
 - EXISTING WETLAND BOUNDARY
 - EXISTING 75' WETLAND BUFFER
 - STORM DRAIN INLET PROTECTION
 - BYPASS PUMP LINE
 - ESTIMATED LIMITS OF CONSTRUCTION
 - ORANGE PERIMETER FENCE
 - STRAW WATTLE
 - QUARRY SPALL STABILIZED CONSTRUCTION ENTRANCE
 - TEMPORARY CONSTRUCTION ACCESS ROUTE (QUARRY SPALL)
 - ENCAMPMENT LIMIT (APPROX.)
 - 6" DEPTH REMOVAL (64,300 S.F.)
 - SLAG LIMIT (APPROX.)
 - 18" - 24" DEPTH REMOVAL (2,000 S.F.)
 - REMOVE INVASIVE ROOT SYSTEMS. 12" DEPTH REMOVAL (10,000 S.F.)



6742 C2.2 10 OF 23	PARCEL 12 DITCH MAINTENANCE				APPROVED: <i>[Signature]</i> DIRECTOR DATE: 7/30/2026	RCS/SSM	CHECKED BY	DATE
	SITE CLEANUP AND TREE REMOVAL PROJECT					PCB/PJS		
	TESC & DEMO PLAN - MIDDLE					PROJ. ENGR		
						PRINTED BY: psavethik	DATE: Jul 30, 2026	
CONTR/CONS: PA000000296		TOWNSHIP: 20N	RANGE: 3E	SECTION: 1	PORT ADDRESS: ONE SITCUM PLAZA		TACOMA, WA 98401-1837	
M. ID: 101711.01		DAT-HRZ: WA83-SF		VERT: MLLW 19.39' @ Tide 22 1933	DRAWING SCALE: AS NOTED			
PHASE: BID SET		PARCEL: 12						

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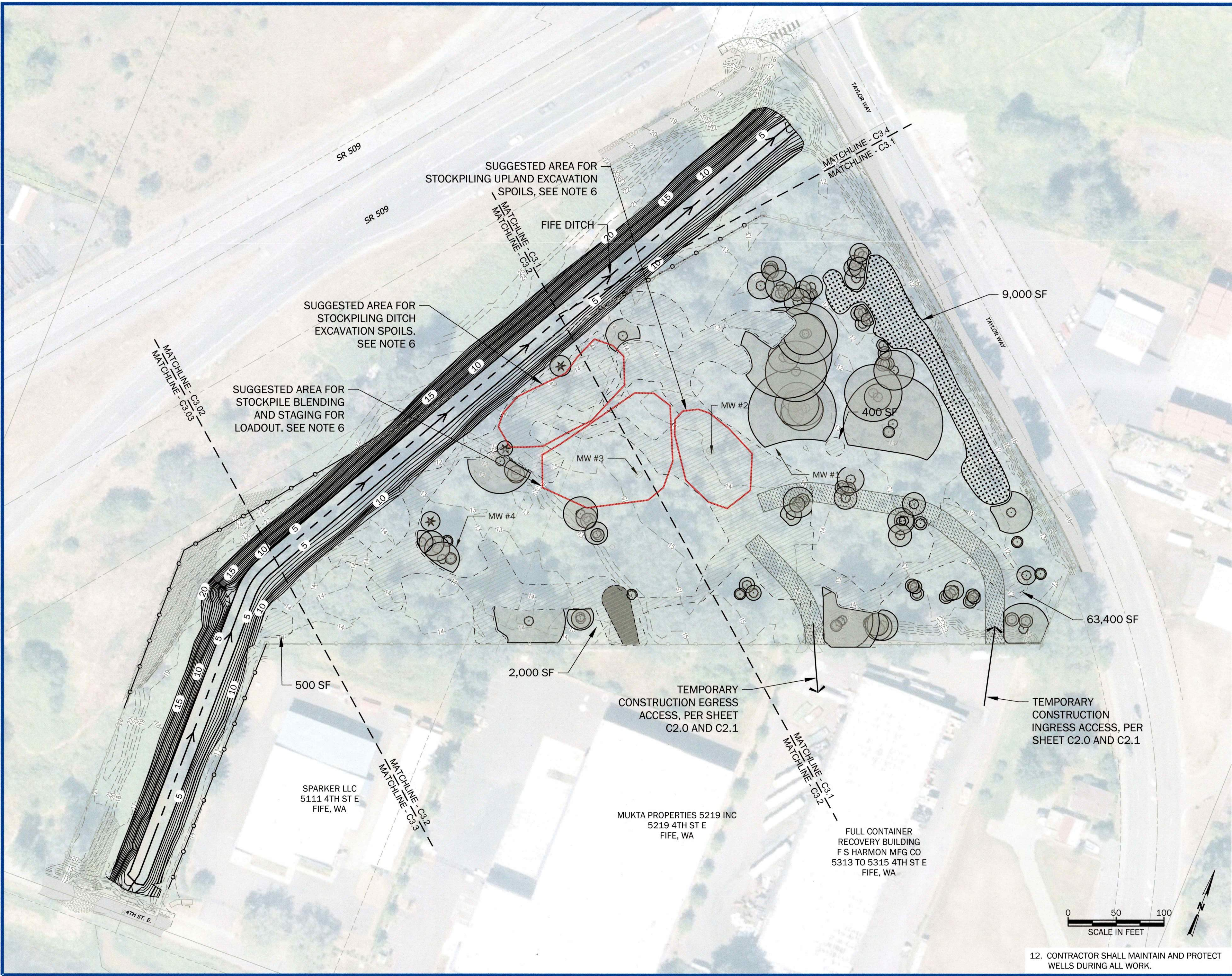


- LEGEND**
- PROPERTY LINE
 - R.O.W. LINE
 - ROADWAY CENTER LINE
 - R.O.W. CENTER LINE
 - EXIST FIVE DITCH ALIGNMENT
 - EXIST FENCE
 - EX. FENCE TO BE REMOVED
 - TREE PROTECTION FENCE
 - TREE - REMOVAL
 - TREE - PROTECTION
 - CRITICAL ROOT ZONE BUFFER
 - EXIST MONITORING WELL (MW)
 - FOUND MONUMENT
 - EXISTING WETLAND BOUNDARY
 - EXISTING 75' WETLAND BUFFER
 - STORM DRAIN INLET PROTECTION
 - BYPASS PUMP LINE
 - ESTIMATED LIMITS OF CONSTRUCTION
 - ORANGE PERIMETER FENCE
 - STRAW WATTLE
 - QUARRY SPALL STABILIZED CONSTRUCTION ENTRANCE
 - TEMPORARY CONSTRUCTION ACCESS ROUTE (QUARRY SPALL)
 - ENCAMPMENT LIMIT (APPROX.)
 - 6" DEPTH REMOVAL (64,300 S.F.)
 - SLAG LIMIT (APPROX.)
 - 18" - 24" DEPTH REMOVAL (2,000 S.F.)
 - REMOVE INVASIVE ROOT SYSTEMS. 12" DEPTH REMOVAL (10,000 S.F.)



REMOVAL TREE DISPOSAL AND WOOD DEBRIS STOCKPILE HAUL ROUTE
SCALE: 1" = 200'

6742 C2.4 12 OF 23	PARCEL 12 DITCH MAINTENANCE		APPROVED:		RCS/SSM		CHECKED BY		DATE		
	SITE CLEANUP AND TREE REMOVAL PROJECT		<i>[Signature]</i>		PCB/PJS		PCB/PJS		DATE		
	TESC & DEMO PLAN - N DITCH		DIRECTOR ENG. DATE		PROJ. ENGR		DATE		DATE		
	CONTR/CONS: PA00000296		TOWNSHIP: 20N		RANGE: 3E		SECTION: 1		PRINTED BY: psavchik		JUL 30, 2026
M. ID: 101711.01		DAT-HRZ: WA83-SF		VERT: MLW 19.39' @ Tide 22 1933		PORT ADDRESS: ONE SITCUM PLAZA		TACOMA, WA 98401-1837		DATE: 7/30/2026	
PHASE: BID SET		PARCEL: 12		DRAWING SCALE: AS NOTED		REVISION:		BY:		APPR:	
										DATE:	



LEGEND (TOTAL AREAS)

	ENCAMPMENT LIMIT (APPROX.) 6" DEPTH REMOVAL (64,300 S.F.)	3	C3.5
	SLAG AREA (APPROX.) 18" - 24" DEPTH REMOVAL (2,000 S.F.)	5	C3.5
	REMOVE INVASIVE ROOT SYSTEMS. 12" DEPTH REMOVAL (10,000 S.F.)	4	C3.5
	TEMPORARY CONSTRUCTION ACCESS ROUTE (QUARRY SPALL)		
	PROPERTY LINE		
	R.O.W. LINE		
	ROADWAY CENTER LINE		
	R.O.W. CENTER LINE		
	EXIST FIFE DITCH ALIGNMENT		
	EXIST FENCE		
	NEW FENCE	1	2
		C3.5	C3.5
	TREE TO BE REMAIN		
	CRITICAL ROOT ZONE BUFFER		
	EXIST MONITORING WELL (MW)		
	EXIST UTILITY POLE		
	EXIST SIGN		
	FOUND MONUMENT		
	EXISTING MAJOR (5-FT) CONTOUR LINE		
	EXISTING MINOR (1-FT) CONTOUR LINE		
	PROPOSED MAJOR (5-FT) CONTOUR LINE		
	PROPOSED MINOR (1-FT) CONTOUR LINE		
	SUGGESTED STOCKPILING, STAGING, AND BLENDING AREA		

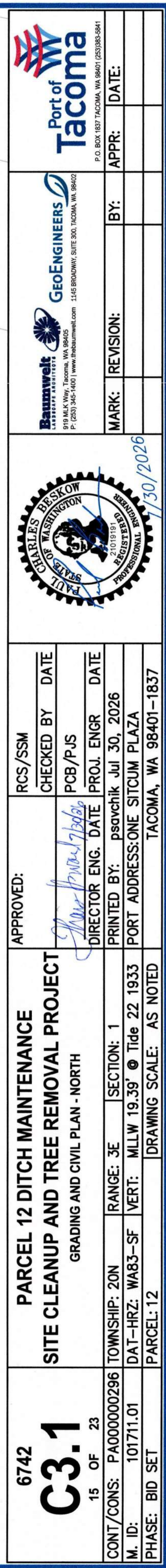
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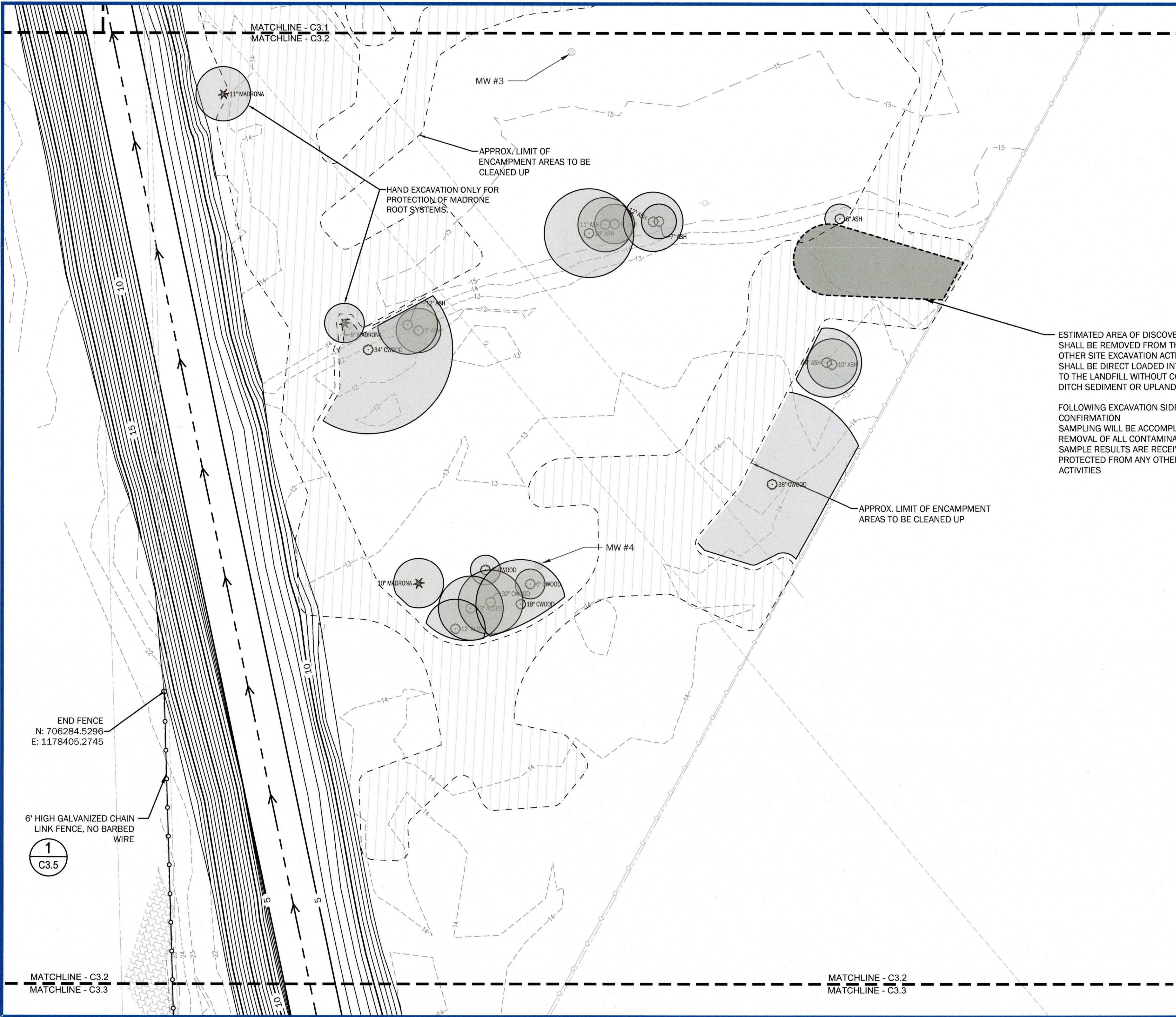
- CONTRACTOR SHALL NOT WORK IN AREAS OUTSIDE THE LIMITS OF CONSTRUCTION WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- SAVE AND PROTECT EXISTING TREES NOT IDENTIFIED FOR REMOVAL, REFER TO SHEET C2.5 FOR TREE PROTECTION MEASURES.
- GRADES SHOWN ARE FINISHED NEAT LINE, TOP OF SOIL AMENDMENTS AS SHOWN ON L1.0. CONTRACTOR SHALL GRADE TO EXCAVATION LIMITS ACCOUNTING FOR REQUIRED EXCAVATION FOR ALL PROJECT ELEMENTS SHOWN ON THESE PLANS.
- THE CONTRACTOR SHALL COORDINATE AND SEQUENCE WORK IN ACCORDANCE WITH THE APPROVED WORK PLAN.
- ALL EFFORT, MATERIAL, AND ASSOCIATED COSTS FOR COMBINING ALL SPOILS, HAULING, AND DISPOSAL WILL BE PAID FOR UNDER THE "SPOILS MIXING, LOADING AND TRANSPORT TO LANDFILL" PAY ITEM, AND DESCRIBED FURTHER IN THE CONTRACT SPECIFICATIONS.
- SUGGESTED STOCKPILE STAGING PLAN:
 - PLACE NON-WOVEN GEOTEXTILE UNDERNEATH PLANNED DIKE AND STOCKPILE AREAS.
 - UTILIZE DITCH EXCAVATION MATERIAL TO BUILD DIKE AROUND PLANNED STOCKPILE AREAS.
 - PLACE STOCKPILE(S) FOR DITCH EXCAVATION AND UPLAND EXCAVATION SPOILS, AND FOR MIXING AND LOADOUT.
 - AFTER ALL EXCAVATION MATERIAL HAS BEEN REMOVED AND DISPOSED OF PER SPECIFICATIONS, DISPOSE OF GEOTEXTILE.
 - STOCKPILE AREAS SHOWN ON PLANS ARE SUGGESTIONS ONLY AND THE CONTRACTOR MAY PROPOSE ALTERNATIVE STOCKPILE, STAGING, AND MIXING PROCESS AND LOCATION PLAN AS PART OF THE WORK PLAN REQUIRED BY SPECIFICATIONS.

12. CONTRACTOR SHALL MAINTAIN AND PROTECT WELLS DURING ALL WORK.

6742 C3.0 14 OF 23	PARCEL 12 DITCH MAINTENANCE				APPROVED:		RCS/SSM		CHECKED BY		DATE				
	SITE CLEANUP AND TREE REMOVAL PROJECT						PCB/PJS		PCB/PJS		DATE				
	GRADING AND CIVIL PLAN				DIRECTOR ENG. DATE		PROJ. ENGR		DATE		DATE				
	PARCEL: 12				TOWNSHIP: 20N		RANGE: 3E		SECTION: 1		PRINTED BY: psavethik Jul 30, 2026				
CON/CONS: PA00000296				DAT-HRZ: WA83-SF				VERT: MLLW 19.39' @ Tide 22 1933				PORT ADDRESS: ONE SITCUM PLAZA			
M. ID: 101711.01				PHASE: BID SET				DRAWING SCALE: AS NOTED				TACOMA, WA 98401-1837			
BAUMWIT ENGINEERS & ARCHITECTS				GeoEngineers				Port of Tacoma				DATE: 1/30/2026			
819 Bell Way, Tacoma, WA 98403				1105 Broadway, Suite 300, Tacoma, WA 98402				1105 Broadway, Suite 300, Tacoma, WA 98402				BY: [Signature]			
P: (253) 240-1400 www.baumwit.com				P: (253) 240-1400 www.geoengineers.com				P: (253) 240-1400 www.portoftacoma.gov				MARK: [Signature]			
REVISION: [Signature]				REVISION: [Signature]				REVISION: [Signature]				REVISION: [Signature]			
DATE: [Signature]				DATE: [Signature]				DATE: [Signature]				DATE: [Signature]			

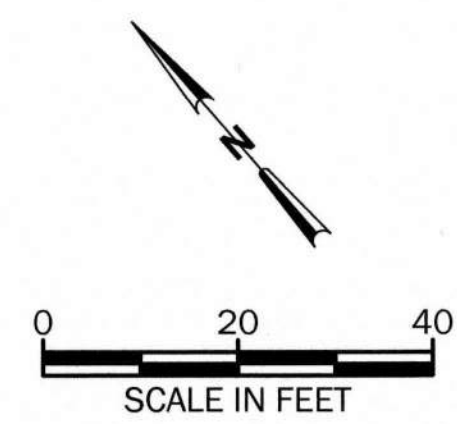
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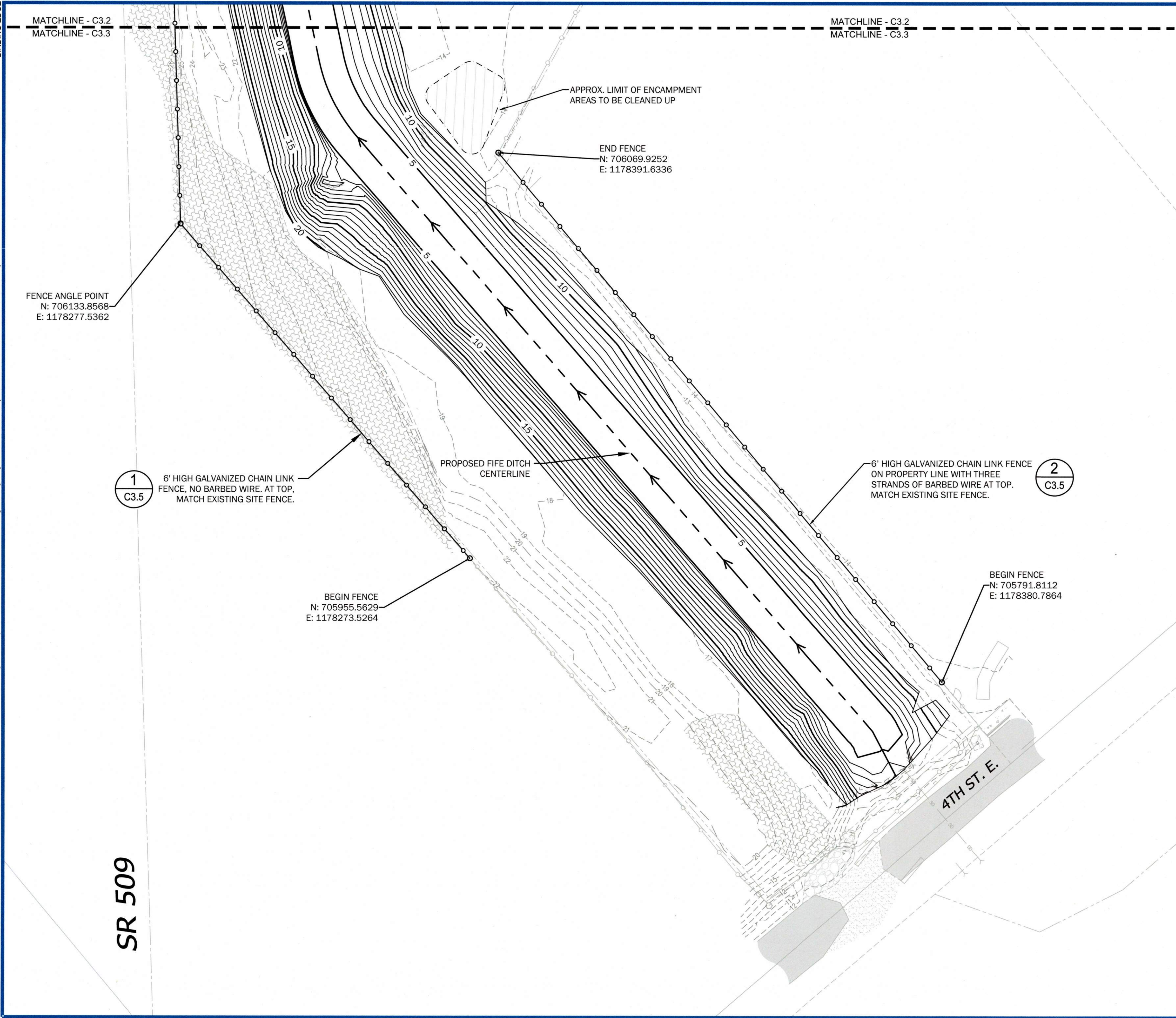
NOTES:

1. EXISTING FABRIC AND POSTS IN AREAS WHERE FENCE IS REMOVED PER C2.0 MAY BE SALVAGED AND REUSED TO EXTEND EXISTING FENCE WEST OF DITCH.



6742 C3.2 16 OF 23	PARCEL 12 DITCH MAINTENANCE				APPROVED: <i>[Signature]</i> DIRECTOR DATE: 7/30/2026	RCS/SSM CHECKED BY: PCB/PJS DATE: 7/30/2026	DATE: 7/30/2026	
	SITE CLEANUP AND TREE REMOVAL PROJECT							
GRADING AND CIVIL PLAN - MIDDLE								
CONTR/CONS: PA000000296	TOWNSHIP: 20N	RANGE: 3E	SECTION: 1					
M. ID: 101711.01	DAT-HRZ: WA83-SF	VERT: MLLW 19.39'	Tide 22 1933					
PHASE: BID SET	PARCEL: 12	DRAWING SCALE: AS NOTED						

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LEGEND (TOTAL AREAS)

- ENCAMPMENT LIMIT (APPROX.)
6" DEPTH REMOVAL
(64,300 S.F.)
- SLAG AREA (APPROX.)
18" - 24" DEPTH
REMOVAL (2,000 S.F.)
- REMOVE INVASIVE ROOT
SYSTEMS, 12" DEPTH
REMOVAL (10,000 S.F.)
- PROPERTY LINE
- R.O.W. LINE
- ROADWAY CENTER LINE
- R.O.W. CENTER LINE
- EXIST FIFE DITCH ALIGNMENT
- EXIST FENCE
- NEW FENCE
- TREE TO BE REMAIN
- CRITICAL ROOT ZONE BUFFER
- EXIST MONITORING WELL (MW)
- EXIST UTILITY POLE
- EXIST SIGN
- FOUND MONUMENT
- EXISTING MAJOR (5-FT)
CONTOUR LINE
- EXISTING MINOR (1-FT)
CONTOUR LINE
- PROPOSED MAJOR (5-FT)
CONTOUR LINE
- PROPOSED MINOR (1-FT)
CONTOUR LINE
- EXISTING WETLAND BOUNDARY

NOTES:

- EXISTING FABRIC AND POSTS IN AREAS WHERE FENCE IS REMOVED PER C2.0 MAY BE SALVAGED AND REUSED TO EXTEND EXISTING FENCE WEST OF DITCH.

6742 C3.3 17 OF 23	PARCEL 12 DITCH MAINTENANCE SITE CLEANUP AND TREE REMOVAL PROJECT GRADING AND CIVIL PLAN - SOUTH	APPROVED:		RCS/SSM		CHECKED BY		DATE	
		[Signature]		PCB/PJS		PROJ. ENGR		DATE	
CONT/CONS: PA00000296	TOWNSHIP: 20N	RANGE: 3E	SECTION: 1	PRINTED BY: psowchik Jul 30, 2026					
M. ID: 101711.01	DAT-HRZ: WA83-SF	VERT: MILLW 19.39' @ Tide	22 1933	PORT ADDRESS: ONE SITCUM PLAZA					
PHASE: BID SET	PARCEL: 12	DRAWING SCALE: AS NOTED		TACOMA, WA 98401-1837					

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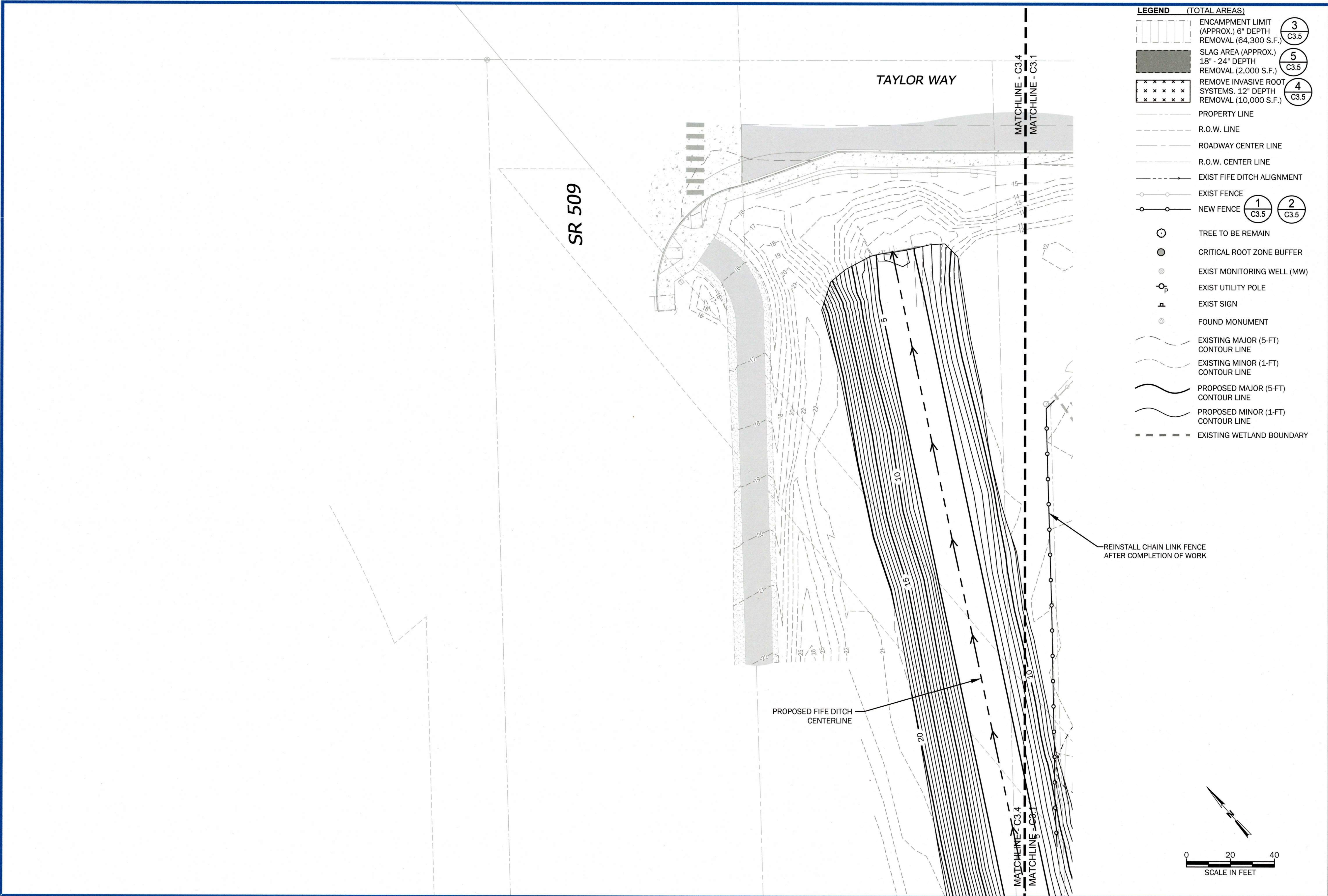
Port of Tacoma
P.O. BOX 1807 TACOMA, WA 98401 (206) 385-5841

GeoEngineers
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P: (206) 340-1401 | www.geoengineers.com

Baumwolt
1814 14th Ave., Tacoma, WA 98405
P: (206) 340-1401 | www.baumwolt.com

Professional Engineer
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
1/30/2026

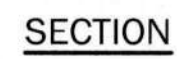
MARK: BY: APPR: DATE: REVISION:



6742 C3.4 18 OF 23	PARCEL 12 DITCH MAINTENANCE				APPROVED:		RCS/SSM		GeoEngineers P.O. BOX 187 TACOMA, WA 98401 (253)835-5841		Port of Tacoma P.O. BOX 187 TACOMA, WA 98401 (253)835-5841
	SITE CLEANUP AND TREE REMOVAL PROJECT GRADING AND CIVIL PLAN - N DITCH				DIRECTOR ENG. DATE psavchik Jul 30, 2026		PROJ. ENGR DATE psavchik Jul 30, 2026		BY:		
CONT/CONS: PA00000296		TOWNSHIP: 20N	RANGE: 3E	SECTION: 1	PRINTED BY: psavchik Jul 30, 2026		PORT ADDRESS: ONE SITCUM PLAZA		REVISION:		DATE:
M. ID: 101711.01		DAT-HRZ: WA83-SF	VERT: MLLW 19.39' @ Tide 22 1933	DRAWING SCALE: AS NOTED		TACOMA, WA 98401-1837		MARK:			
PHASE: BID SET		PARCEL: 12									

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1/30/2026



SCALE: NOTE TO SCALE



SCALE: NOT TO SCALE



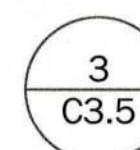
NOTES:

1. ATTACH FENCE FABRIC TO TENSION WIRES AND POSTS WITH 11 GA. STL. TIES AT 12" O.C. (TYP)
2. INSTALL POST FOOTINGS AT 50' O.C. (MAX.), AT ALL LINE TENSION POSTS, AND AT CORNERS. OTHER LINE POSTS MAY BE DRIVEN TO DEPTH WITHOUT CONC. FOOTING.
3. SPOILS FROM POST FOOTINGS MAY BE SPREAD EVENLY ON SITE.



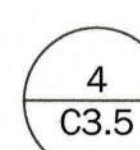
NOTES:

1. ATTACH FENCE FABRIC TO RAILS AND POSTS WITH 11 GA. STL. TIES AT 12" O.C. (TYP)
2. INSTALL POST FOOTINGS AT ALL POSTS.
3. SPOILS FROM POST FOOTINGS MAY BE SPREAD EVENLY ON SITE.



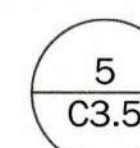
ENCAMPMENT LIMIT REMOVAL SECTION

SCALE: NOT TO SCALE



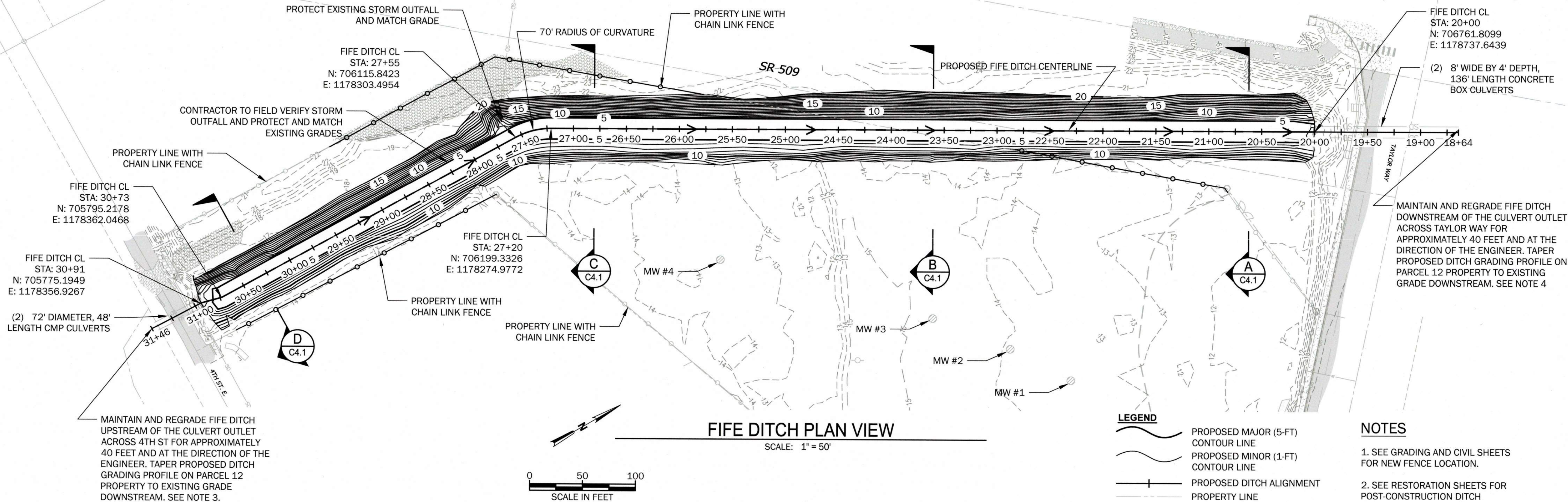
INVASIVE SPECIES REMOVAL SECTION

SCALE: NOT TO SCALE



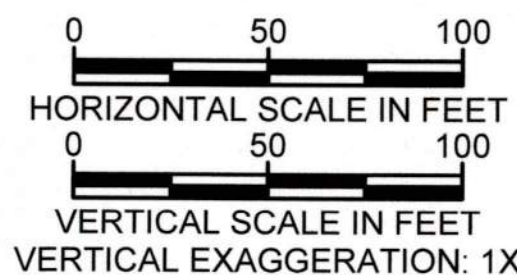
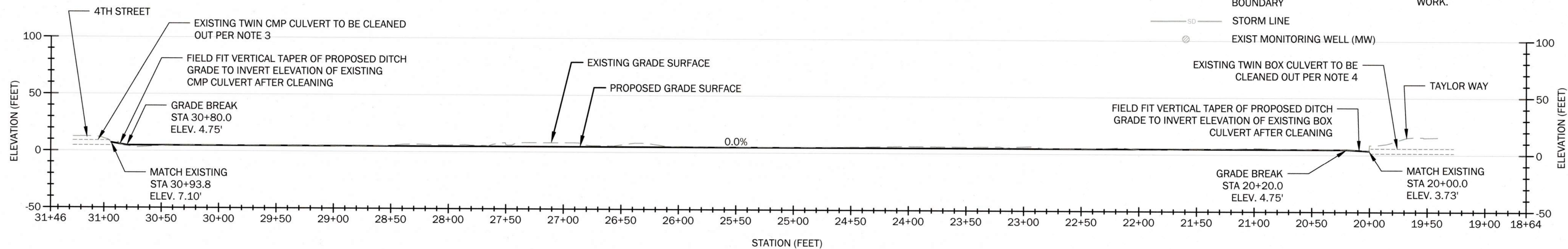
SLAG LIMIT REMOVAL SECTION

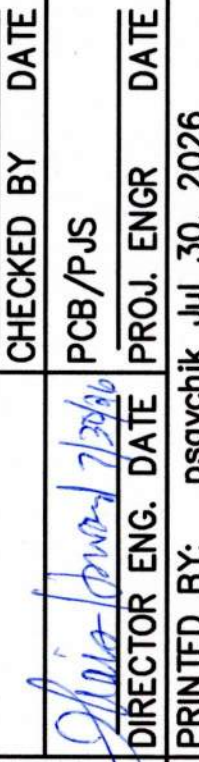
SCALE: NOT TO SCALE



NOTES

- SEE GRADING AND CIVIL SHEETS FOR NEW FENCE LOCATION.
- SEE RESTORATION SHEETS FOR POST-CONSTRUCTION DITCH PLANTING PLAN.
- CONTRACTOR TO REMOVE DEBRIS BUILDUP FROM TWIN CORRUGATED METAL PIPE (CMP) CULVERTS UNDER 4TH ST (ESTIMATED 60% FULL).
- CONTRACTOR TO REMOVE DEBRIS BUILDUP FROM TWIN CONCRETE BOX CULVERTS UNDER TAYLOR WAY (ESTIMATED 10% FULL).
- CONTRACTOR SHALL MAINTAIN AND PROTECT WELLS DURING ALL WORK.



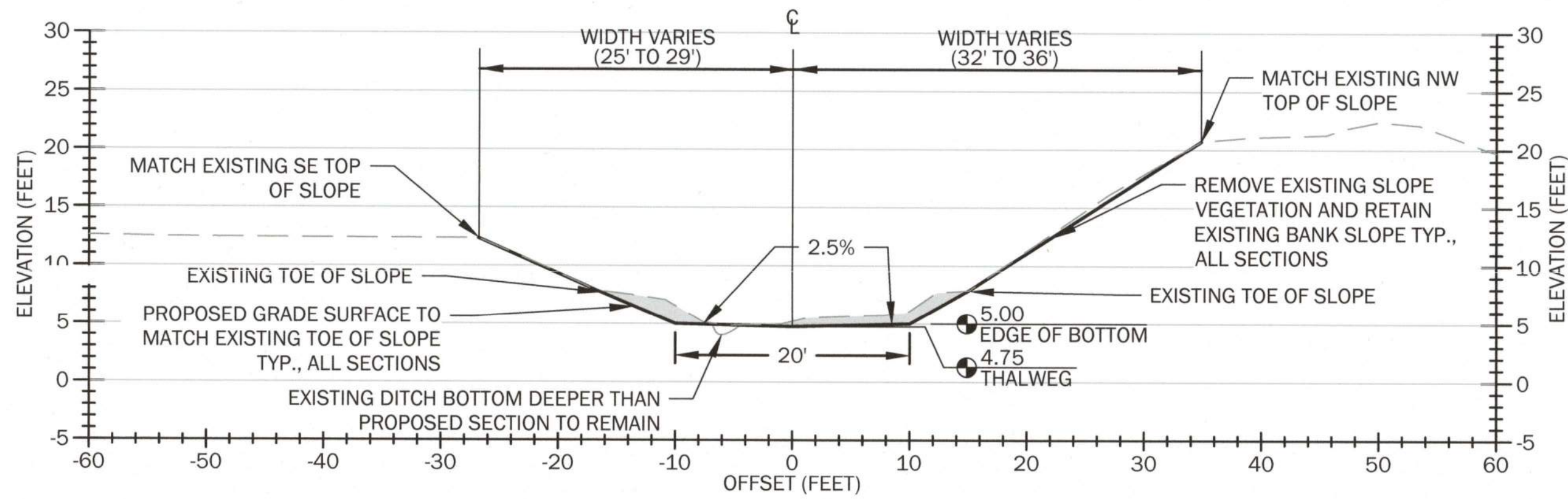
6742 C4.0 20 OF 23	PARCEL 12 DITCH MAINTENANCE SITE CLEANUP AND TREE REMOVAL PROJECT DITCH PLAN AND PROFILE				APPROVED:  DIRECTOR		RSC/SM CHECKED BY: PCB/PJS DATE: 7/30/2026	
	CONTR/CONS: PA000000296	TOWNSHIP: 20N	RANGE: 3E	SECTION: 1	PRINTED BY: psavchik Jul 30, 2026	PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837		
M. ID: 101711.01	DATE-HRZ: WA83-SF		VERT: MLLW 19.39' @ Tide 22 1933		DRAWING SCALE: AS NOTED			
PHASE: PRE-BID SET	PARCEL: 12		AS NOTED					

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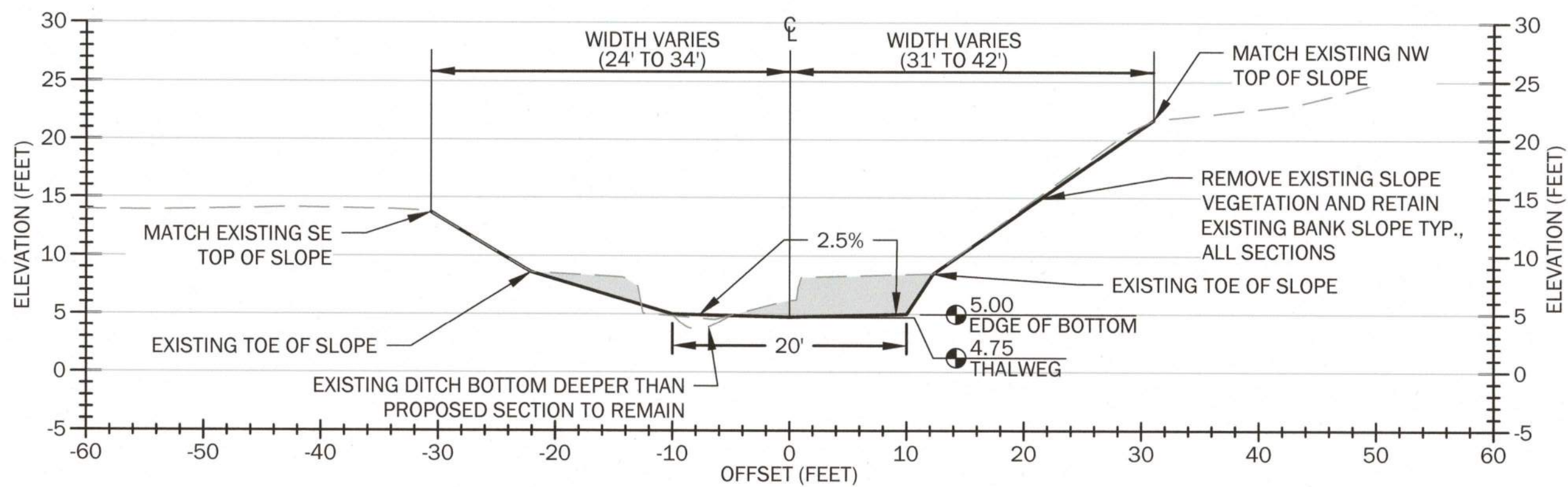
Port of Tacoma
1145 BROADWAY, SUITE 300, TACOMA, WA 98402
P.O. BOX 1837 TACOMA, WA 98401-1837

GEOENGINEERS
MARK: REVISION: BY: DATE: APPR: DATE:

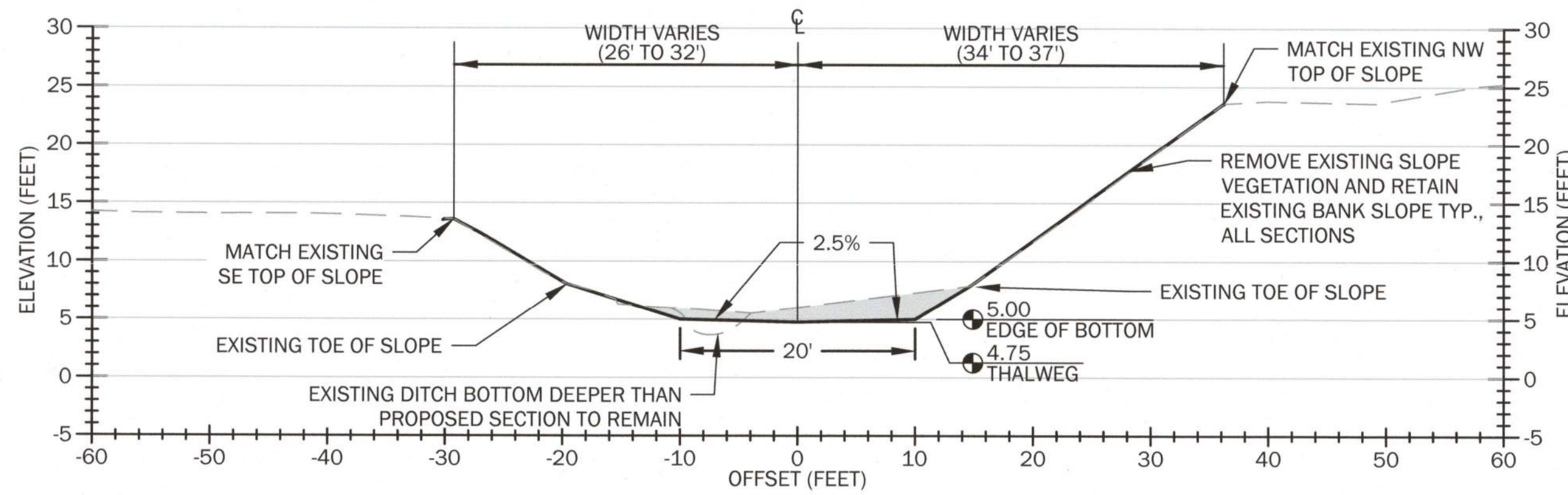
SEAL
PAUL J. SAVCHIK
REGISTERED PROFESSIONAL ENGINEER
WASHINGTON STATE
NO. 101711.01
EXPIRATION DATE: 7/30/2026



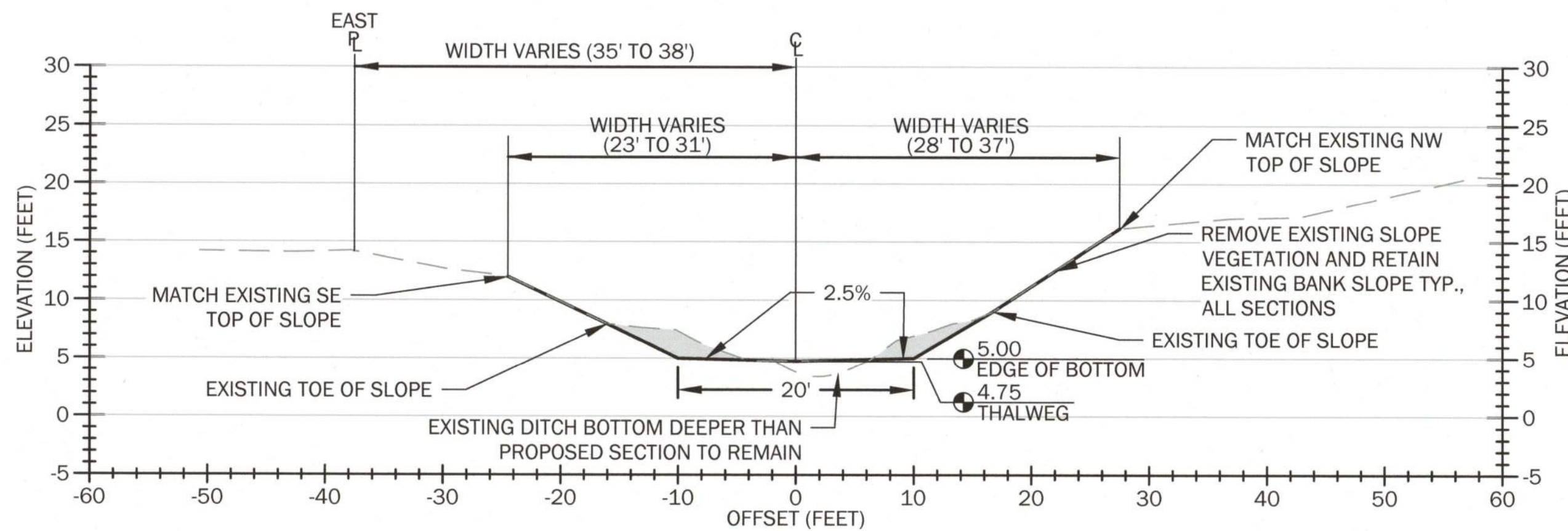
A TYPICAL FIFE DITCH SECTION VIEW
STA 20+20 THROUGH 22+11, LOOKING UPSTREAM
C4.1 SCALE: 1" = 10'



C TYPICAL FIFE DITCH SECTION VIEW
STA 25+20 THROUGH 28+65, LOOKING UPSTREAM
C4.1 SCALE: 1"=10'



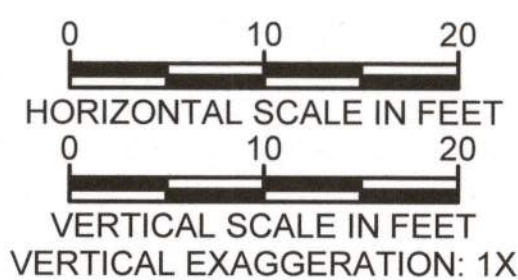
B TYPICAL FIFE DITCH SECTION VIEW
STA 22+11 THROUGH 25+20, LOOKING UPSTREAM
C4.1 SCALE: 1" = 10'



D TYPICAL FIFE DITCH SECTION VIEW
STA 28+65 THROUGH 30+50, LOOKING UPSTREAM
C4.1 SCALE: 1"=10'

NOTES

1. FROM STA 20+00 TO STA 20+20, EVENLY TAPER TYPICAL SECTION TO MATCH EXISTING CONDITIONS.
2. FROM STA 27+50 TO STA 28+00, EVENLY TAPER GRADING SURFACES TO TRANSITION FROM TYPICAL SECTION 'A' TO TYPICAL SECTION 'B'.
3. FROM STA 30+50 TO STA 30+93, EVENLY TAPER TYPICAL SECTION TO MATCH EXISTING CONDITIONS.
4. PROPOSED CLEARING OF DITCH BANKS SHOULD NOT REMOVE MORE THAN 3 INCHES OF EXISTING SURFACE, INCLUDING DOWNED BRANCHES, DEBRIS, AND LIVE OR DEAD VEGETATION, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.



6742 C4.1 21 OF 23	PARCEL 12 DITCH MAINTENANCE SITE CLEANUP AND TREE REMOVAL PROJECT DITCH SECTIONS				RSC/SMM CHECKED BY PCB/PJS	DATE Jul 30, 2026
	CONT/CONS: PA00000296	TOWNSHIP: 20N	RANGE: 3E	SECTION: 1	DIRECTOR J. J. [Signature]	DATE Jul 30, 2026
M. ID: 101711.01	DAT-HRZ: WA83-SF	VERT: MLLW 19.39' @ Tide 22 1933	PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837		PRINTED BY: psavchik	DATE Jul 30, 2026
PHASE: PRE-BID SET	PARCEL: 12	DRAWING SCALE: AS NOTED				

GeoEngineers

1145 BROADWAY, SUITE 300, TACOMA, WA 98402

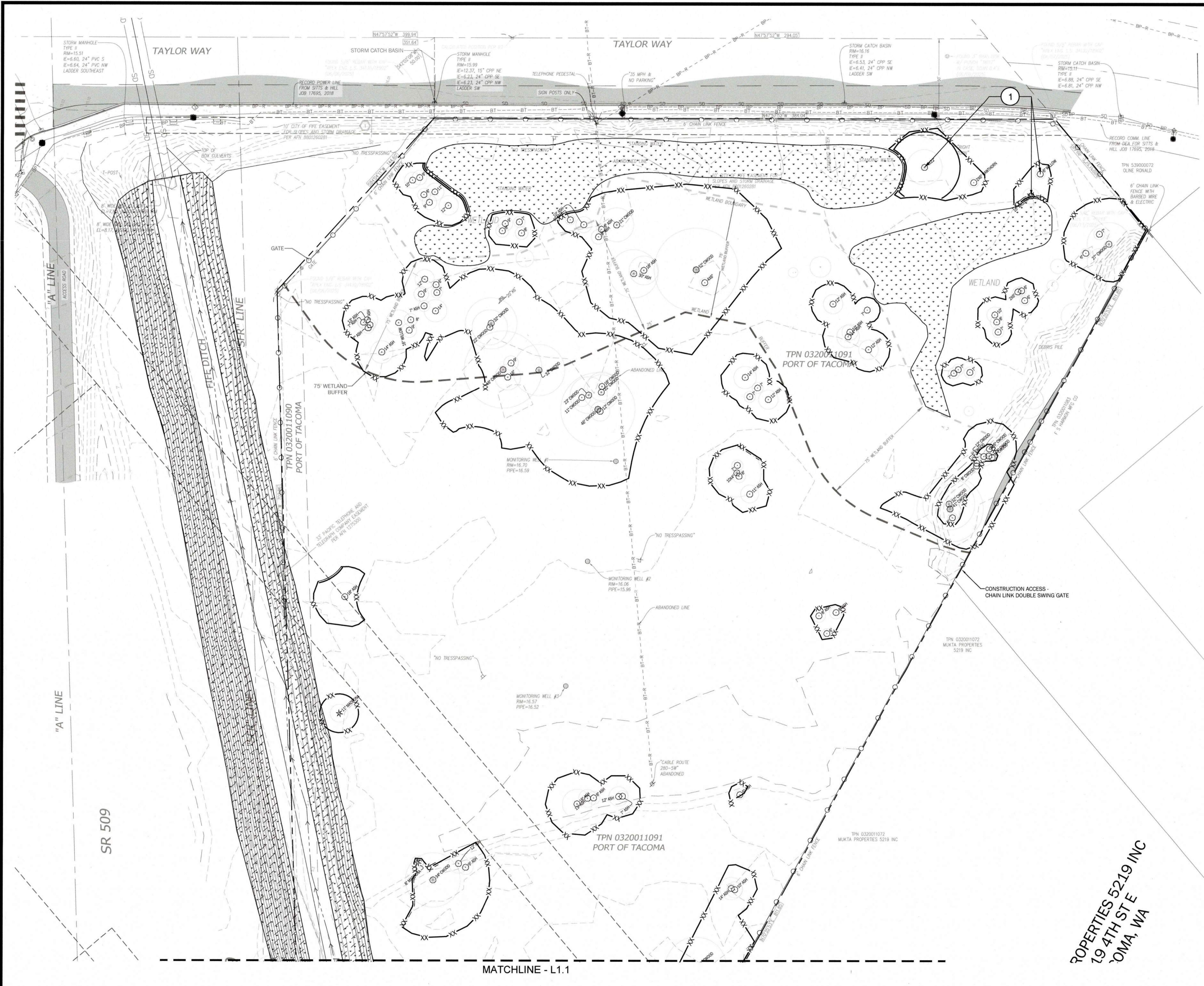
MARK: REVISION: BY: APPR: DATE:

Port of Tacoma

P.O. BOX 187 TACOMA, WA 98402

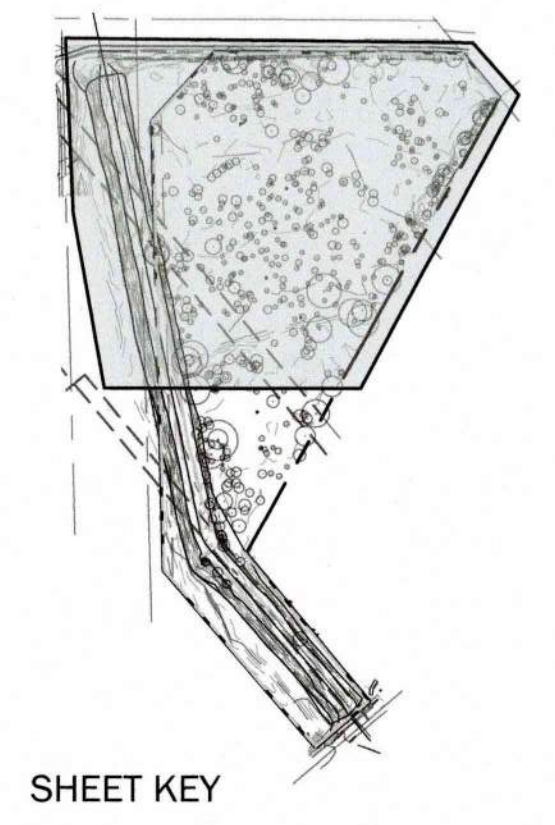
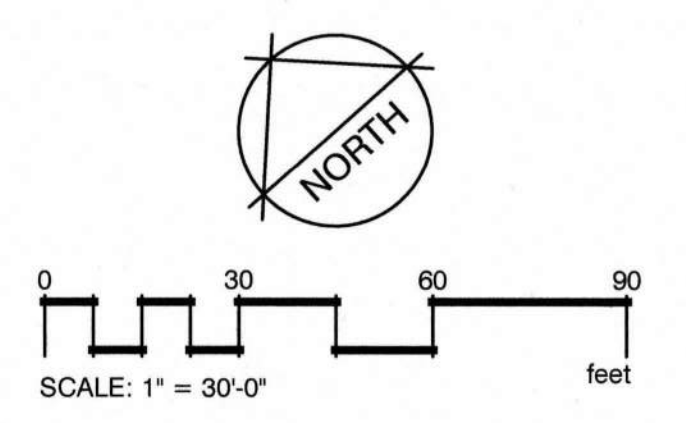
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BINDING EDGE



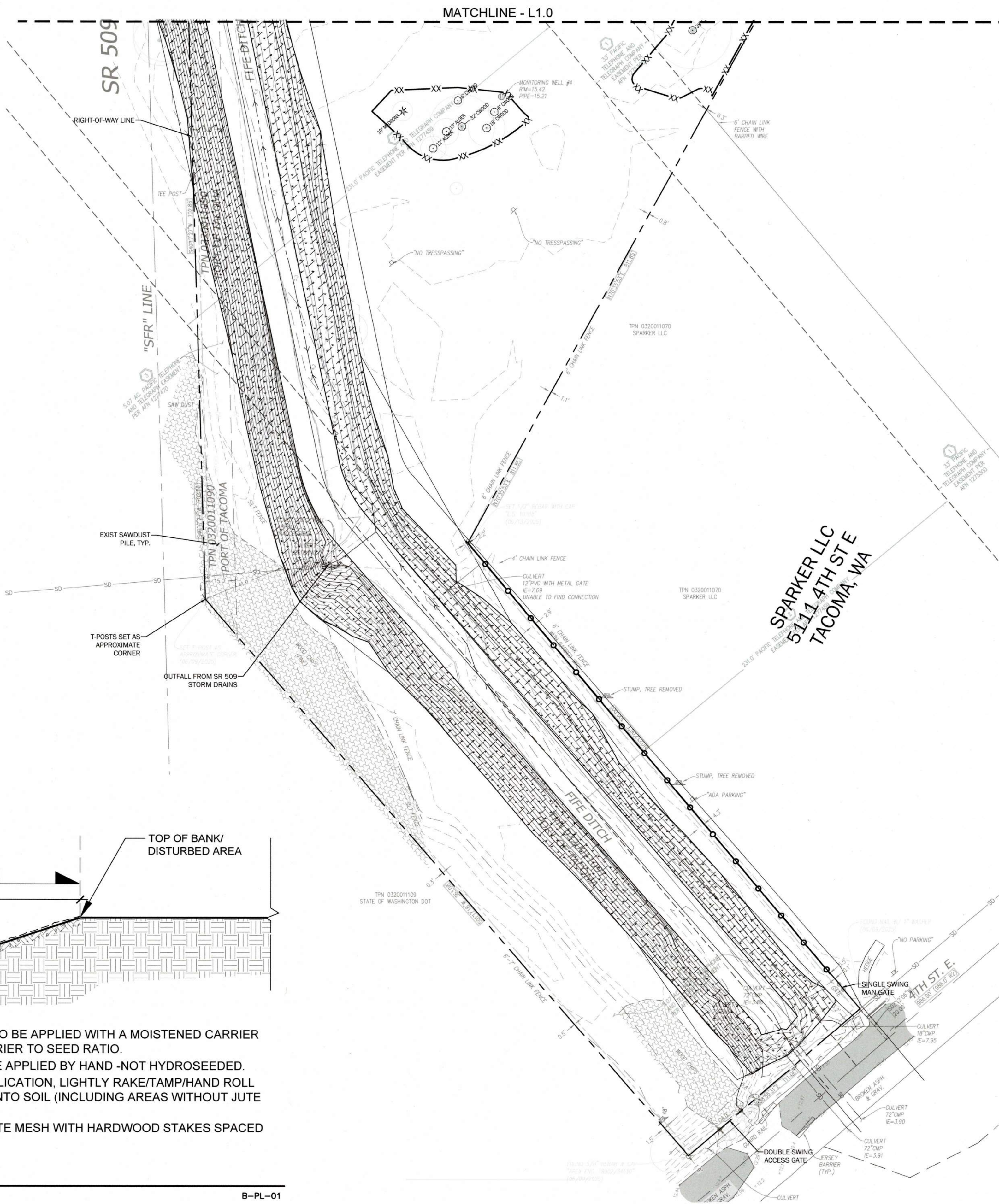
- Legend (Total Areas)**
- SEED MIX (60,630 S.F.)**
 - DOUGLAS ASTER
 - ASTER SUBSPICATUS
 - SLOUGH SEDGE
 - CAREX OBNUPTA
 - BLUE WILDRIE
 - ELYMUS GLAUCUS
 - SEEP MONKEYFLOWER
 - MIMULUS GUTTATUS
 - REGREEN STERILE HYBRID WHEATGRASS
 - TRITICUM X 'REGREEN'
 - JUTE MESH ON DITCH SLOPES (45,115 S.F.), SEE DETAIL 1, SHEET L1.1**
 - 1 LIMB TREES UP TO 8' ABOVE FINISH GRADE**
 - PROPERTY LINE**
 - R.O.W. LINE**
 - EXIST DITCH THALWEG**

- NOTES:**
1. PLANTING LIMITS SHOWN ARE APPROXIMATE. ACTUAL LIMITS OF PLANTING TO BE DETERMINED BY SITE CONDITIONS.
 2. SEED SHALL BE LIGHTLY RAKED/TAMPED INTO SOIL PRIOR TO INSTALLING JUTE MESH, SEE DETAIL 1, SHEET L1.1



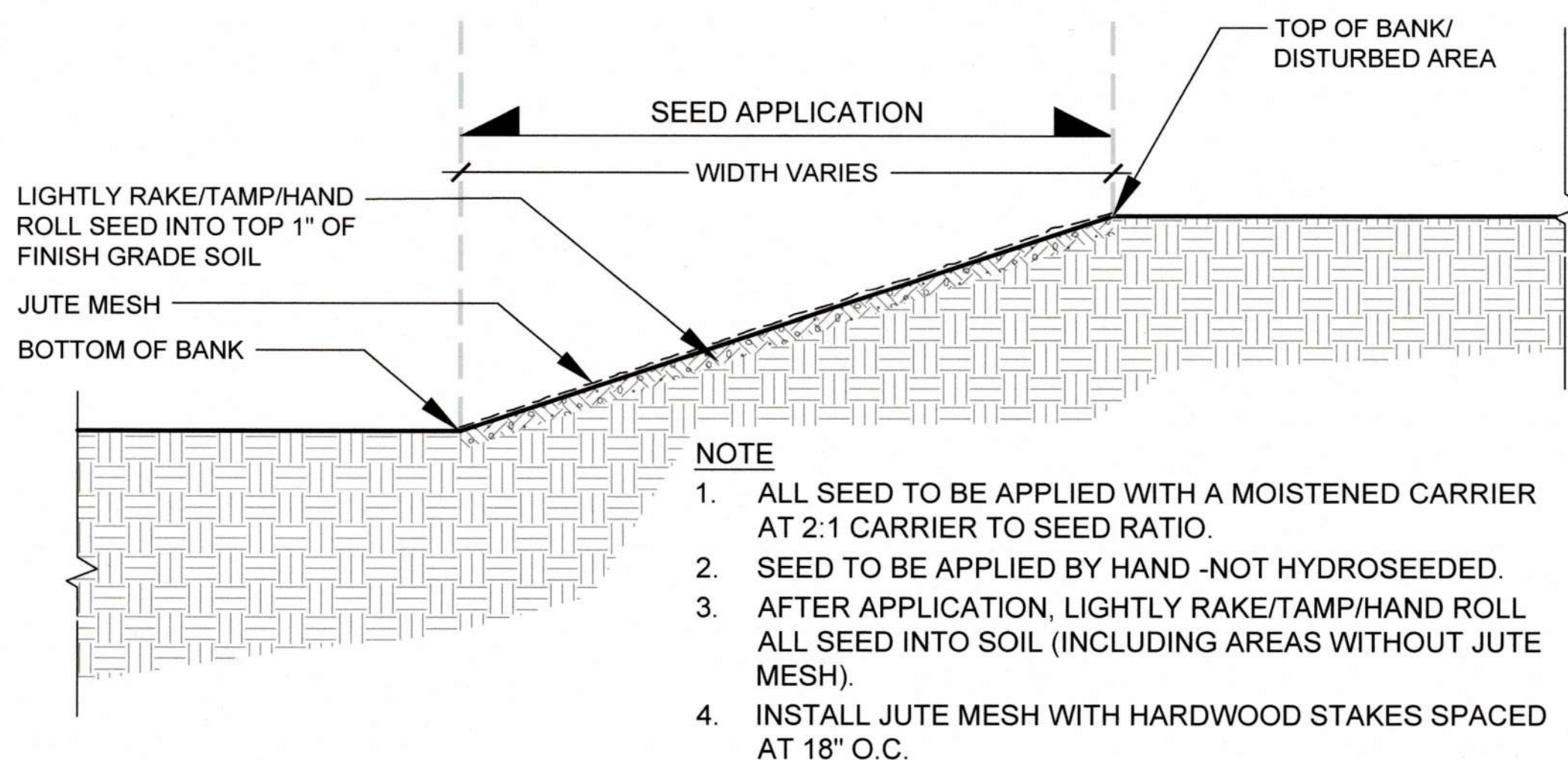
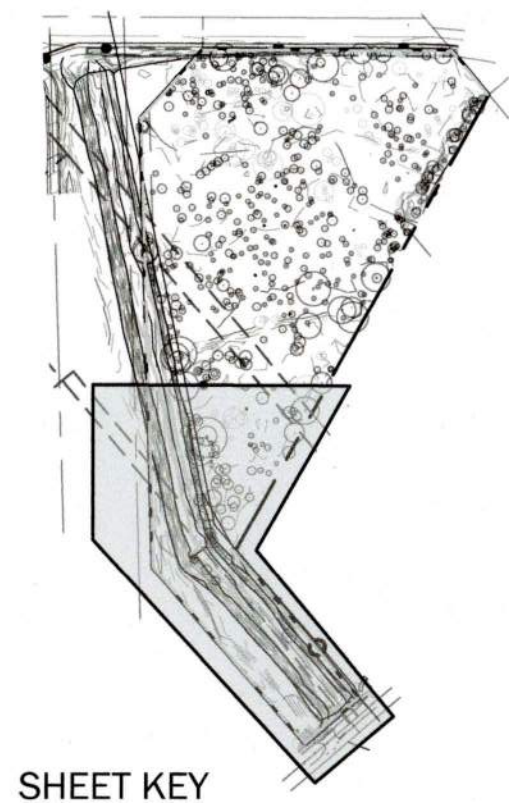
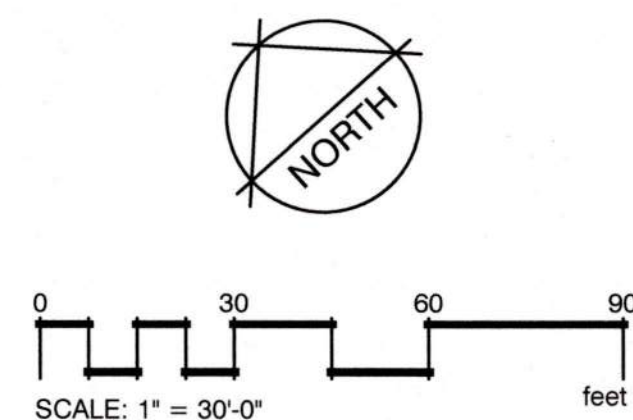
PROPERTIES 5219 INC
19 4TH ST E
TACOMA, WA

6742 L1.0 SH #22 OF 23	PARCEL 12 DITCH MAINTENANCE SITE CLEANUP AND TREE REMOVAL PROJECT				RESTORATION PLAN		
	CONTRACT/CONS: 071861	TOWNSHIP: 20N	RANGE: 3E	SECTION: 1	DIRECTOR: [Signature]	ENG. DATE: [Signature]	
	M. ID: 101711.01	DAT-HRZ: WA83-SF	VERT: MLLW 19.39 @ TIDE 22 1933	PRINTED BY: [Signature]	PROJ. ENGR: [Signature]	DATE: [Signature]	
	PHASE: BID SET	PARCEL: 12	DRAWING SCALE: AS NOTED	PORT ADDRESS: ONE SITUM PLAZA	TACOMA, WA 98401-1837	DATE: 7/30/26	
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- Legend (Total Areas)**
- SEED MIX (60,630 S.F.)
 - DOUGLAS ASTER
 - ASTER SUBSPICATUS
 - SLOUGH SEDGE
 - CAREX OBNUPTA
 - BLUE WILDRIE
 - ELYMUS GLAUCUS
 - SEEP MONKEYFLOWER
 - MIMULUS GUTTATUS
 - REGREEN STERILE HYBRID WHEATGRASS
 - TRITICUM X 'REGREEN'
 - JUTE MESH ON DITCH SLOPES (45,115 S.F.), SEE DETAIL 1, SHEET L1.1
 - ① LIMB TREES UP TO 8' ABOVE FINISH GRADE
 - PROPERTY LINE
 - R.O.W. LINE
 - EXIST DITCH THALWEG

- NOTES:**
- PLANTING LIMITS SHOWN ARE APPROXIMATE. ACTUAL LIMITS OF PLANTING TO BE DETERMINED BY SITE CONDITIONS.
 - SEED SHALL BE LIGHTLY RAKED/TAMPED INTO SOIL PRIOR TO INSTALLING JUTE MESH, SEE DETAIL 1, SHEET L1.1



① SEED MIX INSTALLATION AT DITCH
1 1/2" = 1'-0"

B-PL-01

 919 MLK Way, Tacoma, WA 98405 P: (253) 345-1400 www.baumwelt.com	 LANDSCAPE ARCHITECT No. 1888 EXP. 07/30/26	CHECKED BY	DATE
		PROJ. ENGR	DATE
APPROVED: DIRECTOR		PRINTED BY:	DATE
PARCEL 12 DITCH MAINTENANCE SITE CLEANUP AND TREE REMOVAL PROJECT RESTORATION PLAN		TOWNSHIP: 20N RANGE: 3E SECTION: 1 DAT-HRZ: WA83-SF VERT: MLLW 19.39 @ TIDE 22 1933	
6742 SH #23 OF 23		PARCEL: 12 PHASE: BID SET	
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