

HILT CREEK FALLS PARK SITE IMPROVEMENTS

[illegible]

PROPOSED EARTHWORK VOLUMES	
FILL REQUIRED (+)	225 CY
CUT REQUIRED (-)	229 CY
<u>NET VOLUME</u>	<u>4 CY (-)</u>

VOLUMES REPRESENT THE PROPOSED FINISHED GRADE SURFACE COMPARED TO THE EXISTING GRADE SURFACE AND SHOULD NOT BE USED FOR CONSTRUCTION COST ESTIMATING

ESTABLISH A MINIMUM SOIL QUALITY AND DEPTH IS NOT THE SAME AS PRESERVATION OF NATURALLY OCCURRING SOIL AND VEGETATION. HOWEVER, ESTABLISHING A MINIMUM SOIL QUALITY AND DEPTH WILL PROVIDE IMPROVED ON-SITE MANAGEMENT OF STORMWATER FLOW AND WATER QUALITY. SOIL ORGANIC MATTER CAN BE ATTAINED THROUGH NUMEROUS MATERIALS SUCH AS COMPOST, COMPOSTED WOODY MATERIAL, BIOSOLIDS AND FOREST PRODUCT RESIDUALS. IT IS IMPORTANT THAT THE MATERIALS USED TO MEET THIS SOIL QUALITY AND DEPTH BE APPROPRIATE AND BENEFICIAL TO THE PLANT LIFE TO BE ESTABLISHED. HOWEVER, IT IS IMPORTANT THAT IMPORTED TOPSOILS IMPROVE SOIL CONDITIONS AND DO NOT HAVE AN EXCESSIVE PERCENT OF CLAY FINES. THIS BMP CAN BE CONSIDERED INFEASIBLE ON TILL SOIL SLOPES GREATER THAN 33 PERCENT.

SOIL RETENTION: RETAIN, IN AN UNDISTURBED STATE, THE DUFF LAYER AND NATIVE TOPSOIL TO THE MAXIMUM EXTENT PRACTICABLE. IN ANY AREAS REQUIRING GRADING REMOVE AND STOCKPILE THE DUFF LAYER AND TOPSOIL ON SITE IN A DESIGNATED, CONTROLLED AREA, NOT ADJACENT TO PUBLIC UTILITIES AND CRITICAL AREAS, TO BE REAPPLIED TO OTHER PORTIONS OF THE SITE WHERE FEASIBLE.

SOIL QUALITY: ALL AREAS SUBJECT TO CLEARING AND GRADING THAT HAVE NOT BEEN COVERED BY IMPERVIOUS SURFACE, INCORPORATED INTO A DRAINAGE FACILITY OR ENGINEERED AS STRUCTURAL FILL OR SLOPE SHAFT, AT PROJECT COMPLETION, DEMONSTRATE THE FOLLOWING:

1. TOPSOIL LAYER WITH A MINIMUM ORGANIC MATTER CONTENT OF 10% DRY WEIGHT IN PLANTING BEDS, 15% IN OTHER AREAS, AND A MINIMUM DEPTH OF 6.0 TO 8.0 OR MATCHING THE PH OF THE UNDISTURBED SOIL. THE TOPSOIL LAYER SHALL HAVE A MINIMUM DEPTH OF EIGHT INCHES EXCEPT WHERE TREE ROOTS LIMIT THE DEPTH OF INCORPORATION OF MATERIAL. NEEDLES AND BRANCHES SHALL BE CHIPPED AND REAPPLIED TO THE BEDS. MATERIAL SHALL BE SCRIPPED AT LEAST 4 INCHES WITH SOME INCORPORATION OF THE UPPER MATERIAL TO AVOID STRATIFIED LAYERS, WHERE FEASIBLE.
2. MULCH PLANTING BEDS WITH 2 INCHES OF ORGANIC MATERIAL.
3. USE COMPOST AND OTHER MATERIALS THAT MEET THESE ORGANIC CONTENT REQUIREMENTS:
 - 3.1. THE ORGANIC CONTENT FOR "PRE-APPROVED" AMENDMENT RATES CAN BE MET ONLY USING COMPOST MEETING THE COMPOST SPECIFICATION FOR BIOTRENTMENT (FW 17.30), WITH THE EXCEPTION THAT THE COMPOST MAY BE REPLACED BY A COMPOST WITH A MINIMUM OF 10% NITROGEN. THE COMPOST MUST AT LEAST HAVE AN ORGANIC MATTER CONTENT OF 40% TO 65%, AND A CARBON TO NITROGEN RATIO BELOW 25:1. THE CARBON TO NITROGEN RATIO MAY BE AS HIGH AS 35:1 FOR PLANTING COMPOSED ENTIRELY OF PLANTS NATIVE TO THE PUGET SOUND REGION.
 - 3.2. CALCULATED AMENDMENT RATES MAY BE MET THROUGH USE OF COMPOSTED MATERIALS MEETING (A) ABOVE; OR OTHER ORGANIC MATERIALS AMENDED TO MEET THE CARBON TO NITROGEN RATIO REQUIREMENTS, AND MEETING THE CONTAMINANT STANDARDS OF GRADE A COMPOST.

THE RESULTING SOIL SHOULD BE CONDUCTIVE TO THE TYPE OF VEGETATION TO BE ESTABLISHED.

THE RESULTING SOIL SHOULD BE CONDUCTIVE TO THE TYPE OF VEGETATION TO BE ESTABLISHED.

IMPLEMENTATION OPTIONS; THE SOIL QUALITY DESIGN GUIDELINES LISTED ABOVE CAN BE MET BY USING ONE OF THE METHODS LISTED:

1. LEAVE UNDISTURBED NATURAL VEGETATION AND SOIL, AND PROTECT FROM COMPACTION DURING CONSTRUCTION.
2. AMEND EXISTING SITE TOPSOIL OR SUBSOIL EITHER AT DEFAULT "PRE-APPROVED" RATES BASED ON TESTS OF THE SOIL AMENDMENT.
3. STOCKPILE EXISTING TOPSOIL DURING GRADING, AND REPLACED IT PRIOR TO PLANTING. STOCKPILED TOPSOIL MUST ALSO BE AMENDED IF NEEDED TO MEET THE ORGANIC MATTER OR AVAILABLE NUTRIENTS, EITHER AT A DEFAULT "PRE-APPROVED" RATE OR AT A CUSTOM CALCULATED RATE.

MORE THAN ONE METHOD MAY BE USED ON DIFFERENT PORTIONS OF THE SAME SITE. SOIL THAT ALREADY MEETS THE DEPTH AND ORGANIC MATTER QUALITY STANDARDS, AND IS NOT COMPACTED, DOES NOT NEED TO BE AMENDED.

CALL BEFORE YOU DIG 1-800-424-5555

[illegible]

HILT CREEK FALLS PARK

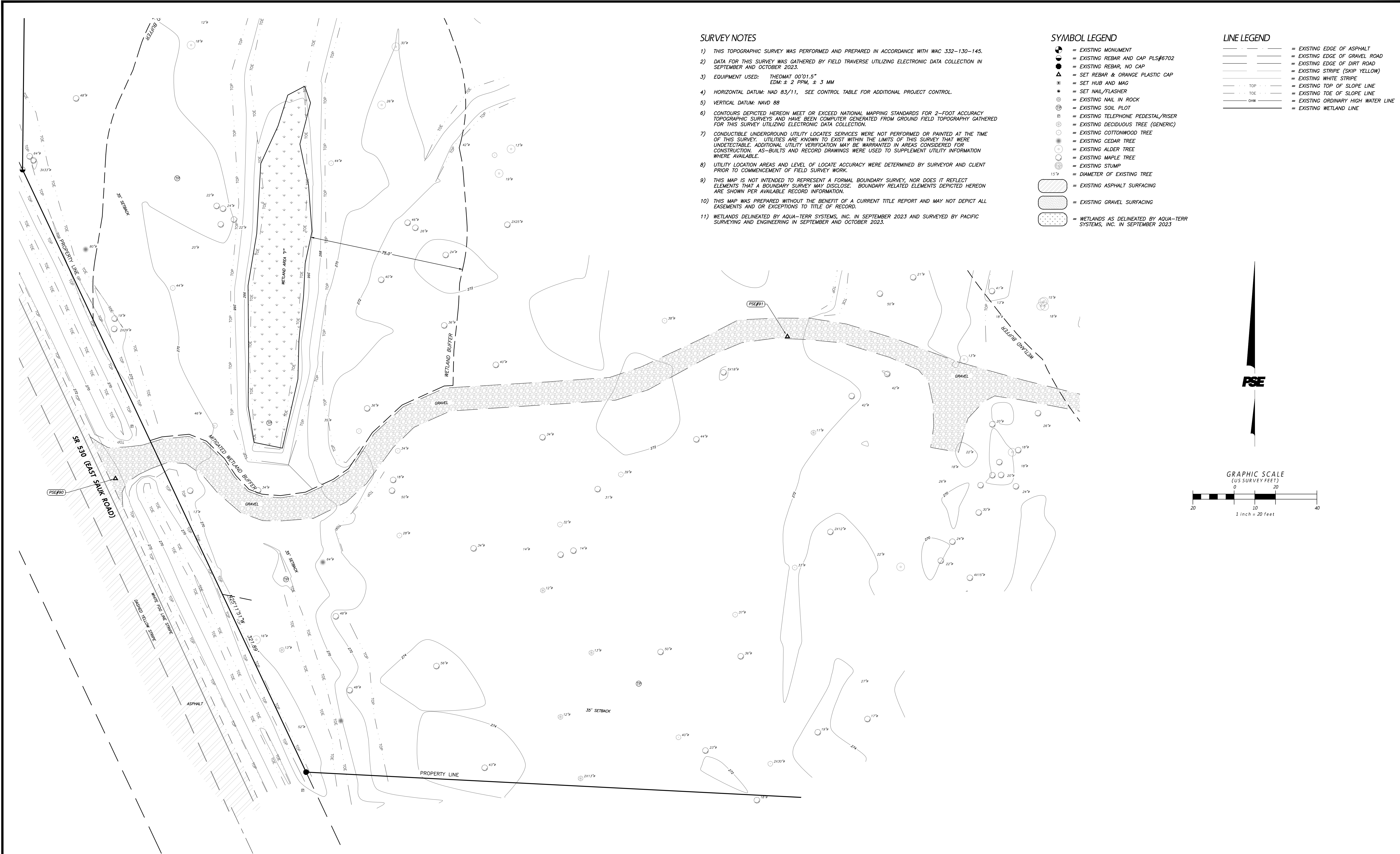
SKAGIT COUNTY, WA
SITE IMPROVEMENTS

COVER SHEET



DATA		DRAWN BY	CHECKED BY	FIELD BOOKS
BASE		JMN	ASM	DESIGN: 778.00
DESIGN		JRG	DPG	STAKING: XXX
XREF: 2023166_svX_TD.dwg				ASBUILT: XXXX
JOB#: 2023166		DATUM		
HORIZ. SCALE: 1"=20'		HORIZ.: NAD 83/11'		
VERT. SCALE: 1"=4'		VERT.: NVD 88		
DWG: P:\Pse Project\2023166\DWGs\1_SHEET\2023166_eCP_CND.dwg				
SHEET		01	OF	08





SURVEY NOTES

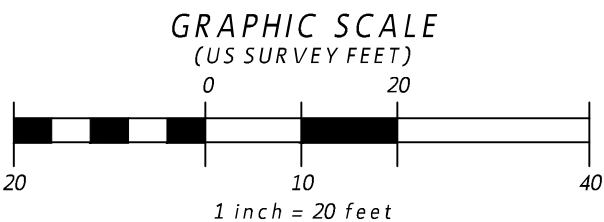
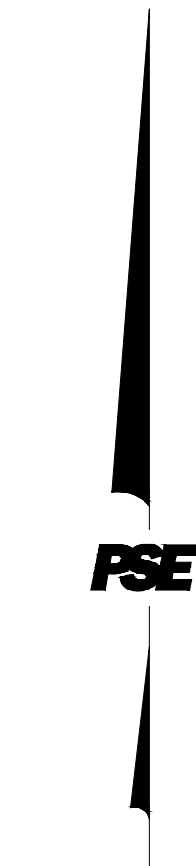
- 1) THIS TOPOGRAPHIC SURVEY WAS PERFORMED AND PREPARED IN ACCORDANCE WITH WAC 332-130-145.
- 2) DATA FOR THIS SURVEY WAS GATHERED BY FIELD TRAVERSE UTILIZING ELECTRONIC DATA COLLECTION IN SEPTEMBER AND OCTOBER 2023.
- 3) EQUIPMENT USED: THEOMAT 00'01.5" EDM: ± 2 PPM, ± 3 MM
- 4) HORIZONTAL DATUM: NAD 83/11, SEE CONTROL TABLE FOR ADDITIONAL PROJECT CONTROL.
- 5) VERTICAL DATUM: NAVD 88
- 6) CONTOURS DEPICTED HEREON MEET OR EXCEED NATIONAL MAPPING STANDARDS FOR 2-FOOT ACCURACY TOPOGRAPHIC SURVEYS AND HAVE BEEN COMPUTER GENERATED FROM GROUND FIELD TOPOGRAPHY GATHERED FOR THIS SURVEY UTILIZING ELECTRONIC DATA COLLECTION.
- 7) CONDUCTIBLE UNDERGROUND UTILITY LOCATES SERVICES WERE NOT PERFORMED OR PAINTED AT THE TIME OF THIS SURVEY. UTILITIES ARE KNOWN TO EXIST WITHIN THE LIMITS OF THIS SURVEY THAT WERE UNDETECTABLE. ADDITIONAL UTILITY VERIFICATION MAY BE WARRANTED IN AREAS CONSIDERED FOR CONSTRUCTION. AS-BUILTS AND RECORD DRAWINGS WERE USED TO SUPPLEMENT UTILITY INFORMATION WHERE AVAILABLE.
- 8) UTILITY LOCATION AREAS AND LEVEL OF LOCATE ACCURACY WERE DETERMINED BY SURVEYOR AND CLIENT PRIOR TO COMMENCEMENT OF FIELD SURVEY WORK.
- 9) THIS MAP IS NOT INTENDED TO REPRESENT A FORMAL BOUNDARY SURVEY, NOR DOES IT REFLECT ELEMENTS THAT A BOUNDARY SURVEY MAY DISCLOSE. BOUNDARY RELATED ELEMENTS DEPICTED HEREON ARE SHOWN PER AVAILABLE RECORD INFORMATION.
- 10) THIS MAP WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT AND MAY NOT DEPICT ALL EASEMENTS AND OR EXCEPTIONS TO TITLE OF RECORD.
- 11) WETLANDS DELINEATED BY AQUA-TERR SYSTEMS, INC. IN SEPTEMBER 2023 AND SURVEYED BY PACIFIC SURVEYING AND ENGINEERING IN SEPTEMBER AND OCTOBER 2023.

SYMBOL LEGEND

- EXISTING MONUMENT
- EXISTING REBAR AND CAP PLS#6702
- EXISTING REBAR, NO CAP
- SET REBAR & ORANGE PLASTIC CAP
- SET HUB AND MAG
- SET NAIL/FLASHER
- EXISTING NAIL IN ROCK
- EXISTING SOIL PLOT
- EXISTING TELEPHONE PEDESTAL/ RISER
- EXISTING DECIDUOUS TREE (GENERIC)
- EXISTING COTTONWOOD TREE
- EXISTING CEDAR TREE
- EXISTING ALDER TREE
- EXISTING MAPLE TREE
- EXISTING STUMP
- DIAMETER OF EXISTING TREE
- EXISTING ASPHALT SURFACING
- EXISTING GRAVEL SURFACING
- WETLANDS AS DELINEATED BY AQUA-TERR SYSTEMS, INC. IN SEPTEMBER 2023

LINE LEGEND

- EXISTING EDGE OF ASPHALT
- EXISTING EDGE OF GRAVEL ROAD
- EXISTING EDGE OF DIRT ROAD
- EXISTING STRIPE (SKIP YELLOW)
- EXISTING WHITE STRIPE
- EXISTING TOP OF SLOPE LINE
- EXISTING TOE OF SLOPE LINE
- EXISTING ORDINARY HIGH WATER LINE
- EXISTING WETLAND LINE



CALL BEFORE YOU DIG 1-800-424-5555

REVISION	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
1	07/29/2026	ADDENDUM #1	1	03/18/25	PERMIT SET
			2	07/01/25	RESPONSE TO COUNTY COMMENTS
			3	02/19/26	RESPONSE TO WSDOT COMMENTS
			4	06/29/2026	BID SET

SKAGIT COUNTY PARKS & RECREATION
1730 CONTINENTAL PLACE
MOUNT VERNON, WA 98273

HILT CREEK FALLS PARK
SKAGIT COUNTY, WA
SITE IMPROVEMENTS

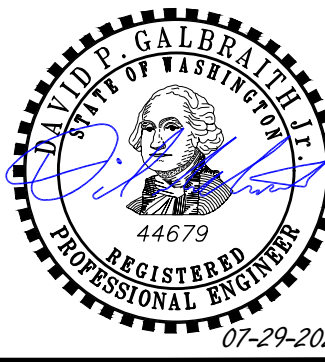
EXISTING CONDITIONS



PACIFIC SURVEYING
& ENGINEERING, INC.

909 Squakum Way, Suite 111 | BELLEVUE, WA 98225
T: 360.671.7387 | F: 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

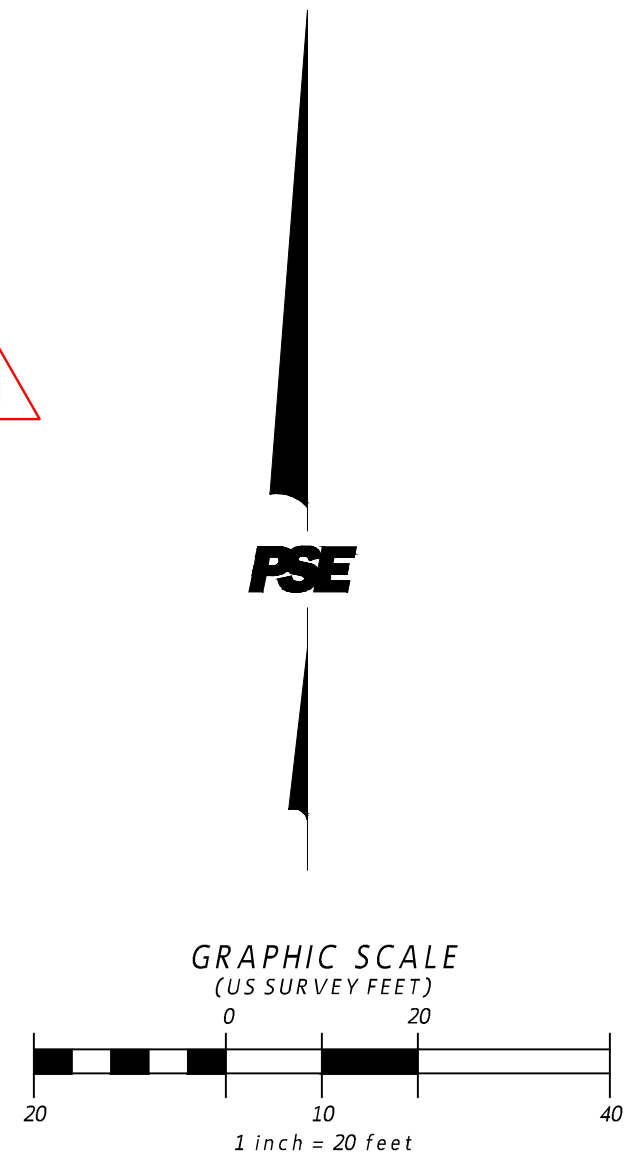
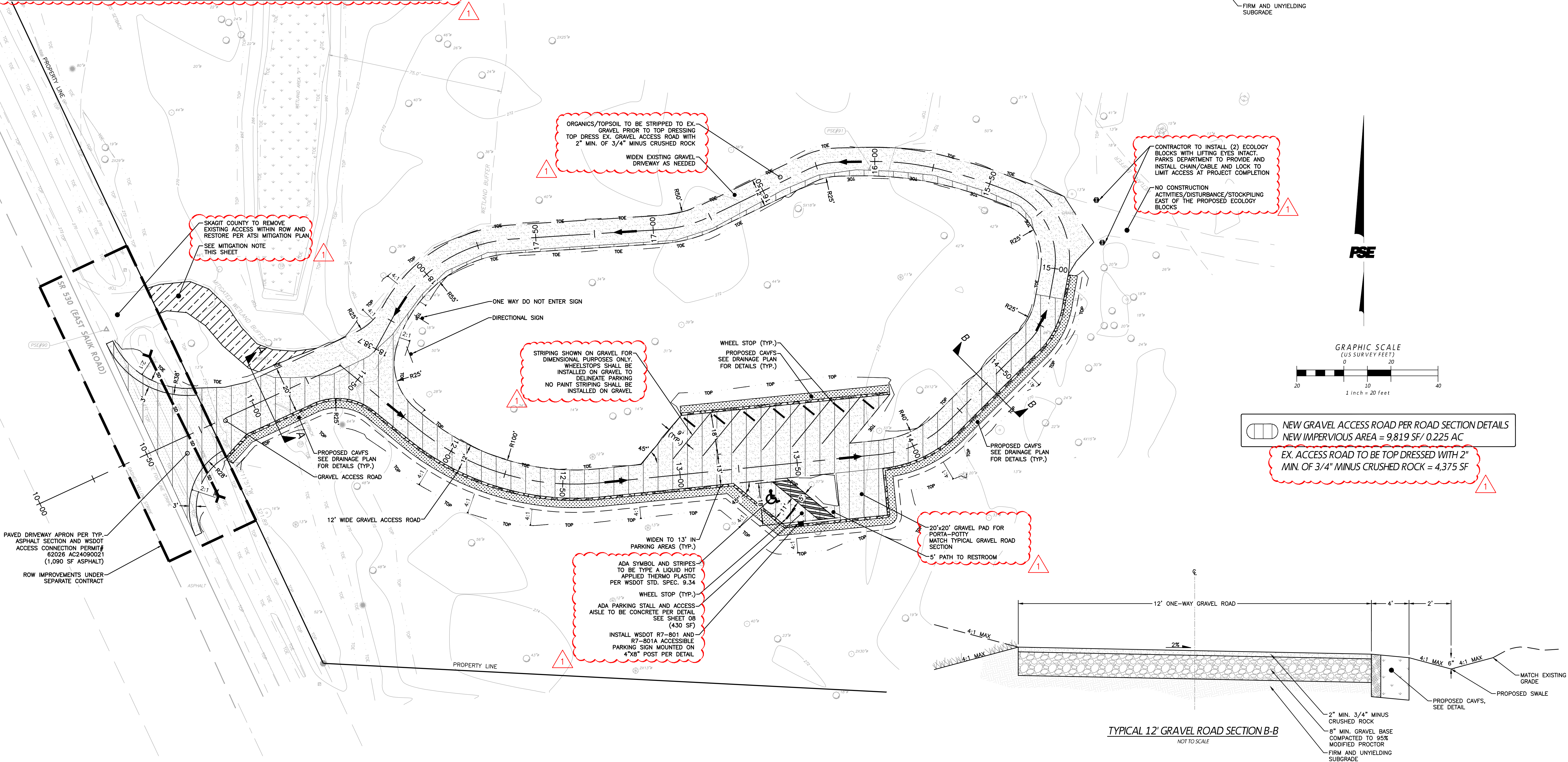
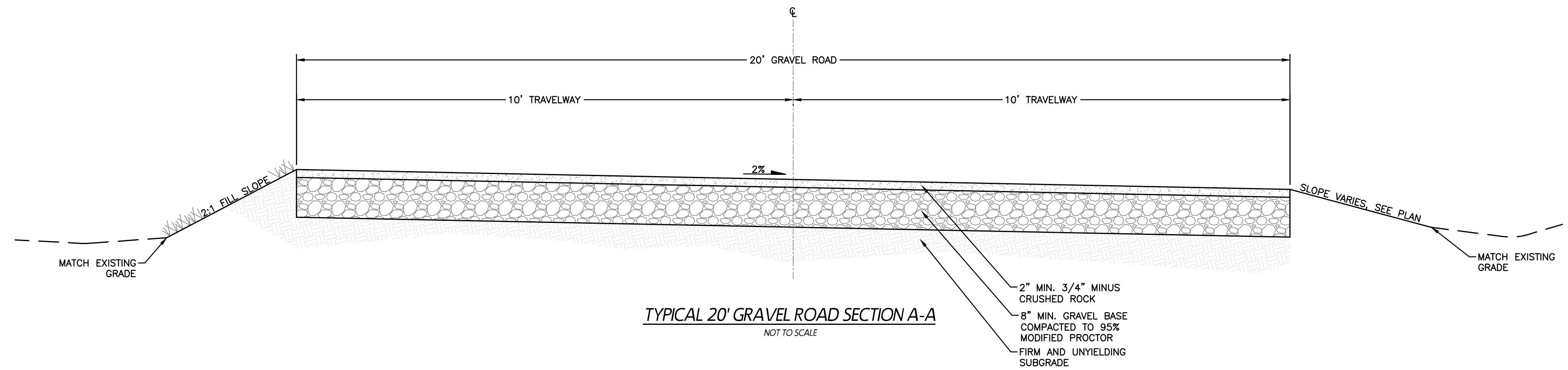
DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	JMN	ASM	DESIGN: 778.00
DESIGN	JRG	DPG	STAKING: XXX
XREF: 2023166_sv_TB.DWG			ASBUILT: XXX
JOB#: 2023166			DATUM
HORIZ. SCALE: 1"=20'			HORIZ.: NAD 83/11
VERT. SCALE: 1"=4'			VERT.: NAVD 88
DWG: P:\Pse Project\2023166\DWGs_-SHEET\2023166_ecP_SP.dwg			
SHEET 02			OF 08



MITIGATION NOTES

1. CONTRACTOR TO REMOVE EXISTING ACCESS ROAD WITHIN PROPERTY BOUNDARY AND RESTORE PER ATSI MITIGATION PLAN (770 SF +/-) AS FOLLOWS:
 - 1.1. WITHIN THE GRAVEL ACCESS ROAD FOOTPRINT, 12" OF ROAD MATERIAL SHALL BE EXCAVATED AND DISPOSED OFFSITE.
 - 1.2. SUBGRADE SHALL BE SCARIFIED TO AN 8" DEPTH PRIOR TO PLACEMENT OF 12" OF TOPSOIL. ALL DISTURBED AREAS TO BE SEEDED WITH LOW GROW SEED MIX.
 - 1.3. TOPSOIL FROM ONSITE GRUBBING MAY BE USED IN RESTORATION AREAS.
 - 1.4. FINAL FINISHED GRADE OF RESTORATION SHALL MATCH EXISTING GRADE. NO ADDITIONAL FILL MATERIAL ABOVE EXISTING GRADE SHALL BE PLACED WITHIN THE FLOODPLAIN.

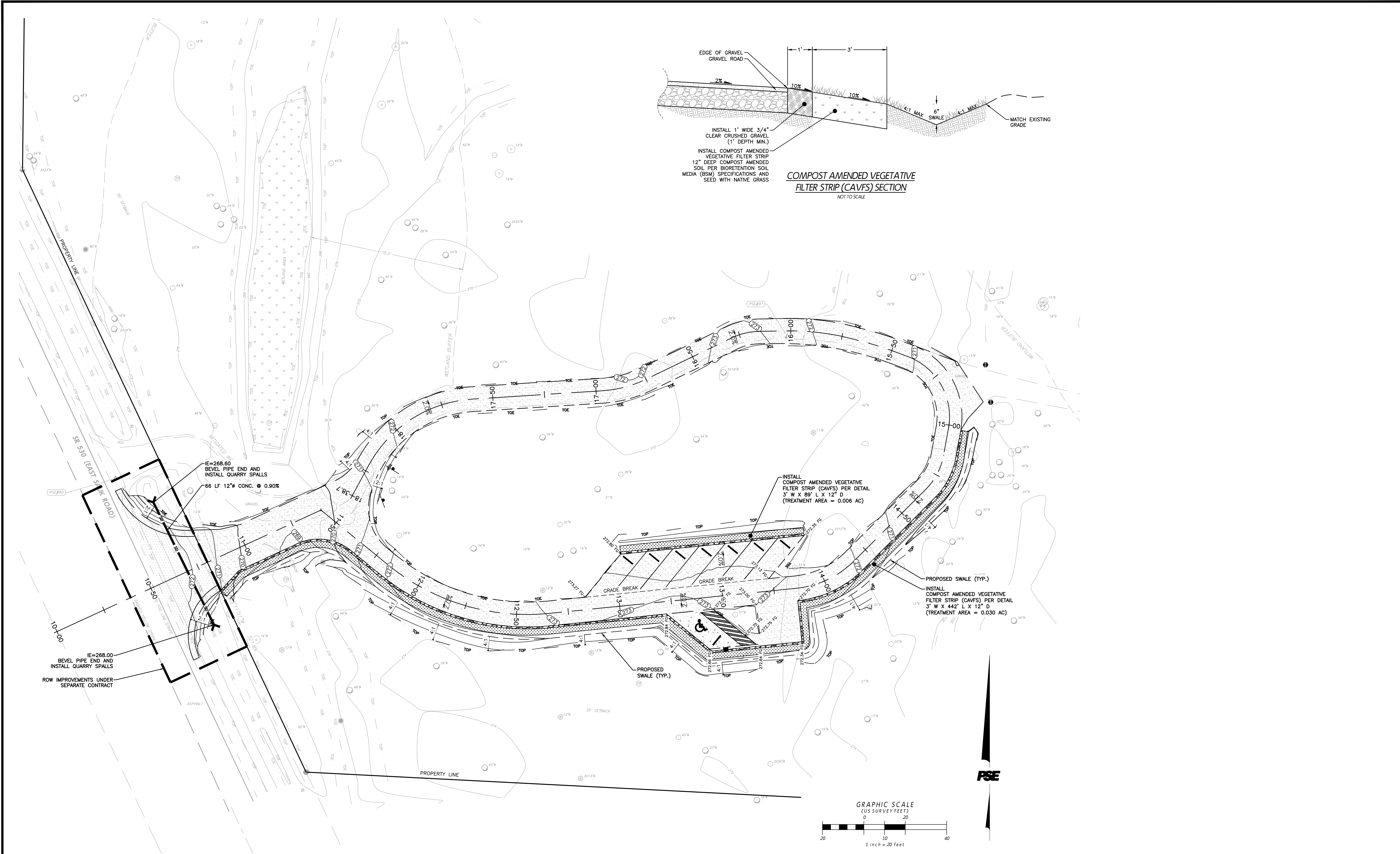
ATSI MITIGATION PLAN REFERENCED:
BIOLOGICAL SITE ASSESSMENT & MITIGATION:
FLIPPINI - CASCADIAN FALLS
PARCEL #P30951, SKAGIT COUNTY, WA
JUNE 2024, REVISED DECEMBER 2024



NEW GRAVEL ACCESS ROAD PER ROAD SECTION DETAILS
NEW IMPERVIOUS AREA = 9,819 SF/ 0.225 AC
EX. ACCESS ROAD TO BE TOP DRESSED WITH 2" MIN. OF 3/4" MINUS CRUSHED ROCK = 4,375 SF

REVISION	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
1	07/29/2026	ADDENDUM #1	1	03/18/25	PERMIT SET
			2	07/01/25	RESPONSE TO COUNTY COMMENTS
			3	02/19/26	RESPONSE TO WSDOT COMMENTS
			4	06/29/2026	BID SET

SKAGIT COUNTY PARKS & RECREATION	HILT CREEK FALLS PARK	PACIFIC SURVEYING & ENGINEERING, INC.	DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
1730 CONTINENTAL PLACE	SKAGIT COUNTY, WA	909 Squakum Way, Suite 111 BELLEVUE, WA 98005	BASE	JMN	ASM	DESIGN: 778.00
MOUNT VERNON, WA 98273	SITE IMPROVEMENTS	T: 360.671.7387 F: 360.671.4685	DESIGN	JRG	DPG	STAKING: XXX
	PROPOSED SITE PLAN	WWW.PSESURVEY.COM INFO@PSESURVEY.COM	XREF:	2023166_sv_TB.DWG	ASBUILT: XXX	
			JOB#:	2023166	DATUM	
			HORIZ. SCALE:	1"=20'	HORIZ.:	NAD 83/11
			VERT. SCALE:	1"=4'	VERT.:	NAVD 88
			DWG:	P:\Pse Project\2023166\DWGS\1_SHEET\2023166_ecP_SP.dwg		
			SHEET	03	OF	08



CALL BEFORE YOU DIG 1-800-424-5555

REVISION	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
1	07/29/2026	ADDENDUM #1	1	03/18/25	PERMIT SET
			2	07/01/25	RESPONSE TO COUNTY COMMENTS
			3	02/19/26	RESPONSE TO WSDOT COMMENTS
			4	06/29/2026	BID SET

SKAGIT COUNTY PARKS & RECREATION
1730 CONTINENTAL PLACE
MOUNT VERNON, WA 98273

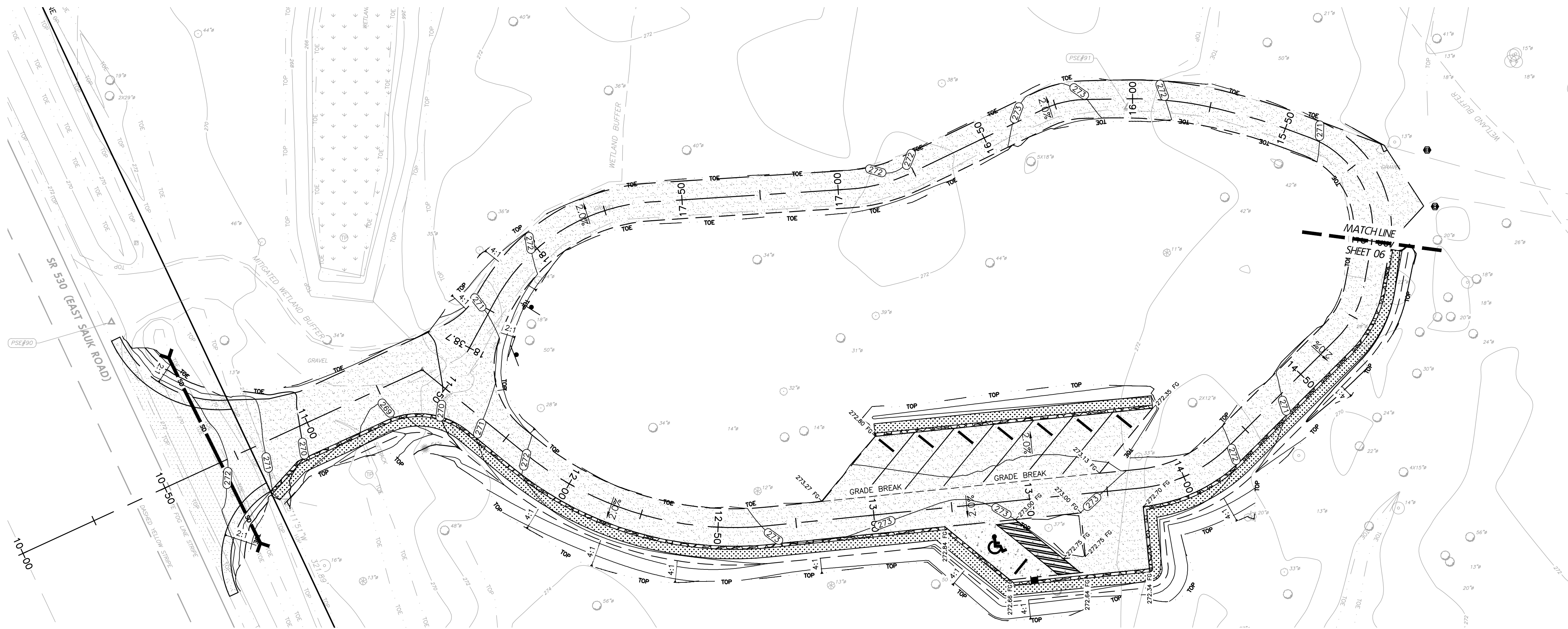
HILT CREEK FALLS PARK
SKAGIT COUNTY, WA
SITE IMPROVEMENTS

PROPOSED GRADING & DRAINAGE PLAN

PACIFIC SURVEYING & ENGINEERING, INC.
909 Squakum Way, Suite 111 | BELLEVUE, WA 98005
T: 360.671.7387 | F: 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

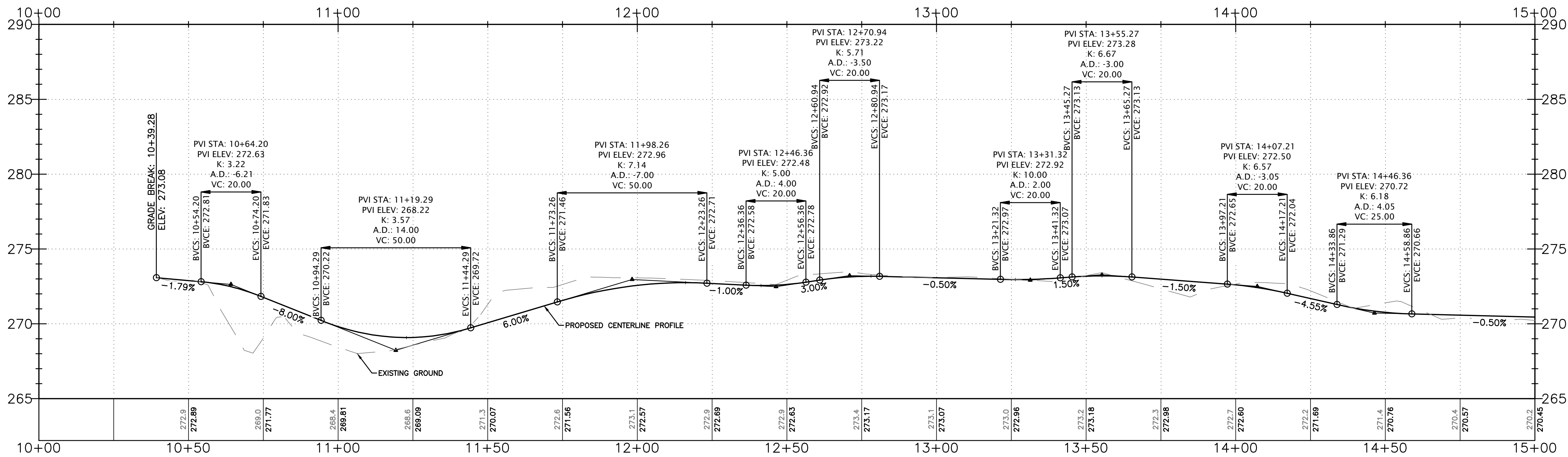
DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	JMN	ASM	DESIGN: 778.00
DESIGN	JRG	DPG	STAKING: XXX
XREF: 2023166_sv_TB.DWG		ASBUILT: XXX	
JOB#: 2023166		DATUM	
HORIZ. SCALE: 1"=20'		HORIZ.: NAD 83/11	
VERT. SCALE: 1"=4'		VERT.: NAVD 88	
DWG: P:\Pse Project\2023166\DWGs_-SHEET\2023166_ecP_SP.dwg			
SHEET 04 OF 08			

DAVID GALBREATH
REGISTERED PROFESSIONAL ENGINEER
44679
07-29-2026



PLAN VIEW

SCALE: 1"=20'



PROFILE VIEW

H. SCALE: 1"=20' V. SCALE: 1"=4'

CALL BEFORE YOU DIG 1-800-424-5555

REVISION	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
1	07/29/2026	ADDENDUM #1	1	03/18/25	PERMIT SET
			2	07/01/25	RESPONSE TO COUNTY COMMENTS
			3	02/19/26	RESPONSE TO WSDOT COMMENTS
			4	06/29/2026	BID SET

SKAGIT COUNTY PARKS & RECREATION
1730 CONTINENTAL PLACE
MOUNT VERNON, WA 98273

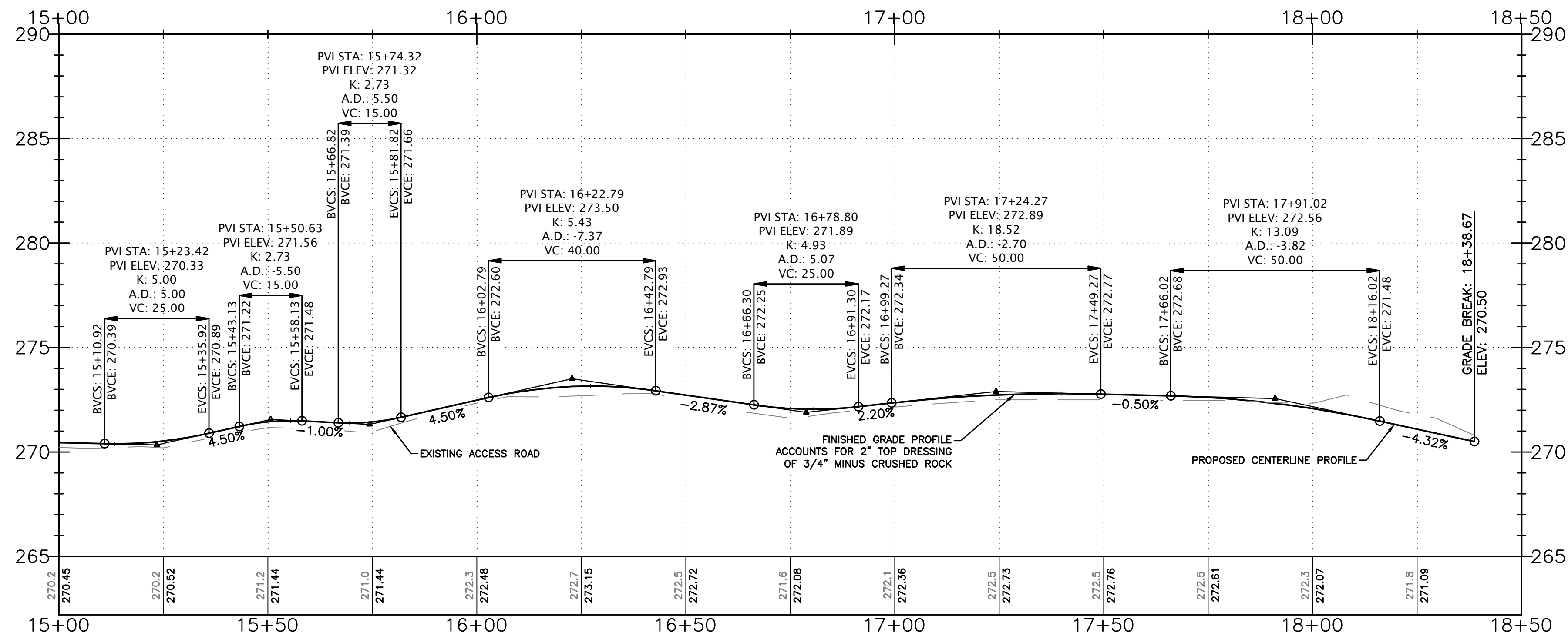
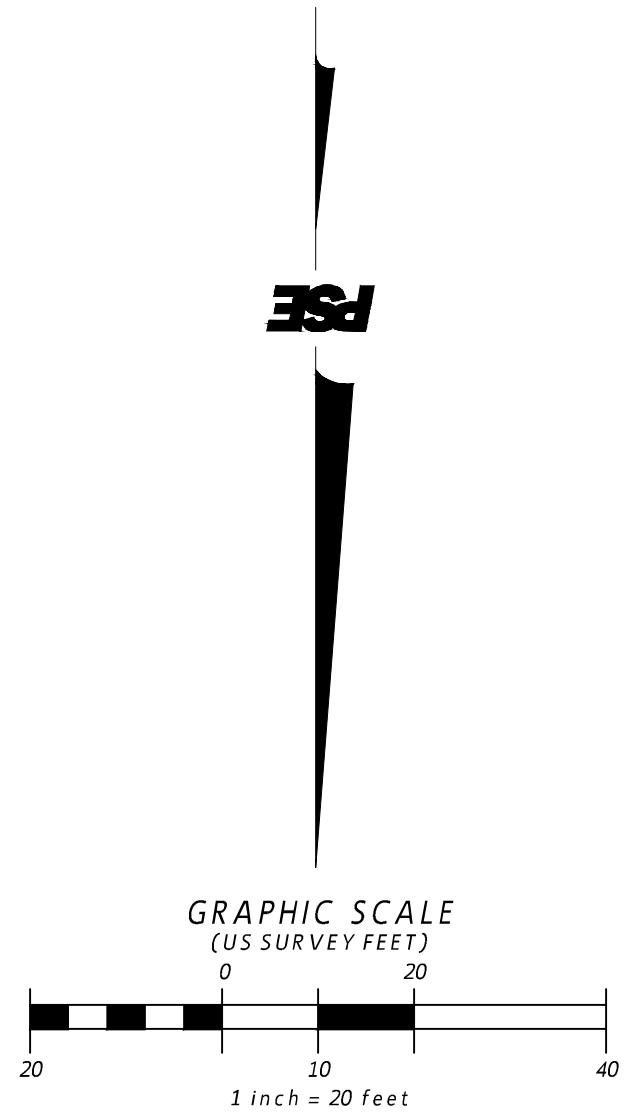
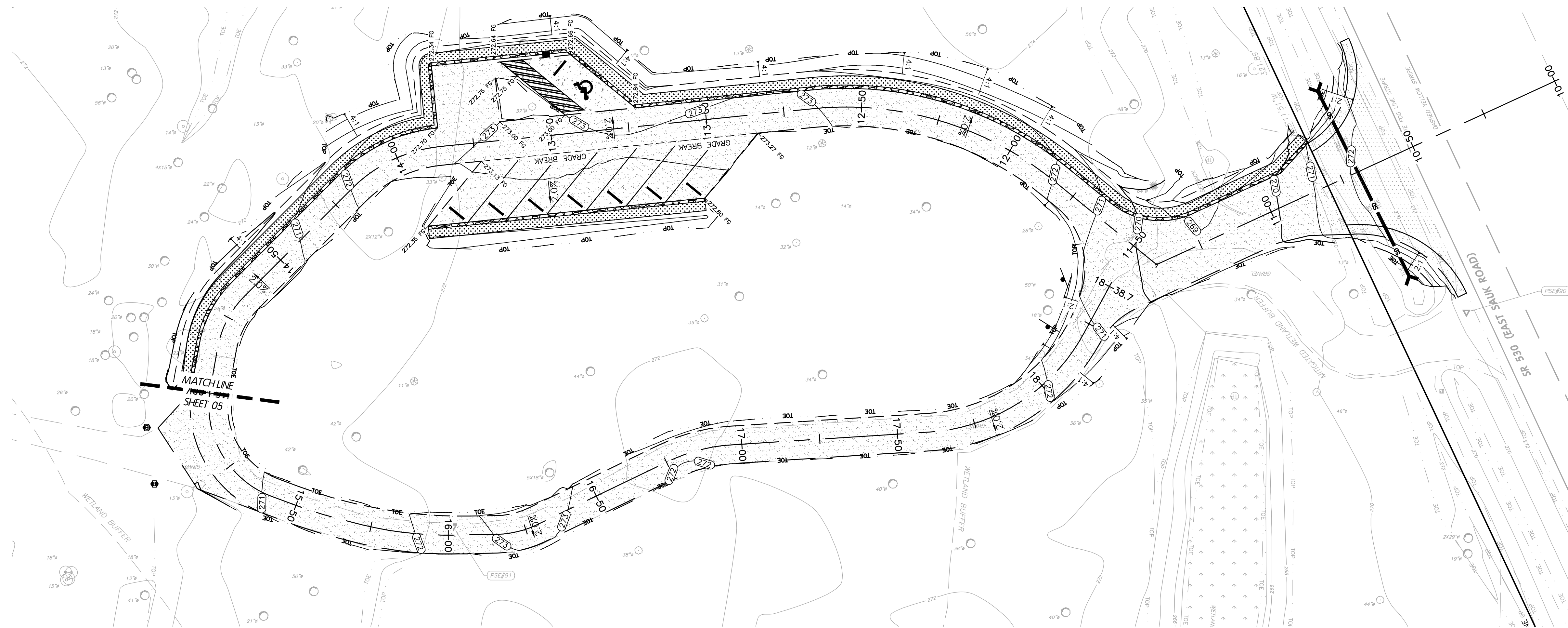
HILT CREEK FALLS PARK
SKAGIT COUNTY, WA
SITE IMPROVEMENTS

PROPOSED DRIVEWAY PLAN AND PROFILE STA 10+00 - STA 15+00

PSE PACIFIC SURVEYING
& ENGINEERING, INC.
909 Squakam Way, Suite 111 | BELLEVUE, WA 98005
T: 360.671.7387 | F: 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	JMN	ASM	DESIGN: 778.00
DESIGN	JRG	DPG	STAKING: XXX
XREF:	2023166_sv_TB.DWG	ASBUILT: XXX	
JOB#:	2023166	DATUM	
HORIZ. SCALE:	1"=20'	HORIZ.:	NAD 83/11
VERT. SCALE:	1"=4'	VERT.:	NAVD 88
DWG:	P:\Pse Project\2023166\DWGs\1_SHEET\2023166_ecP_SP.dwg		
SHEET	05	OF	08





CALL BEFORE YOU DIG 1-800-424-5555

REVISION	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
1	07/29/2026	ADDENDUM #1	1	03/18/25	PERMIT SET
			2	07/01/25	RESPONSE TO COUNTY COMMENTS
			3	02/19/26	RESPONSE TO WSDOT COMMENTS
			4	06/29/2026	BID SET

SKAGIT COUNTY PARKS & RECREATION
1730 CONTINENTAL PLACE
MOUNT VERNON, WA 98273

HILT CREEK FALLS PARK
SKAGIT COUNTY, WA
SITE IMPROVEMENTS

PROPOSED DRIVEWAY PLAN AND PROFILE STA 15+00 - STA 18+50

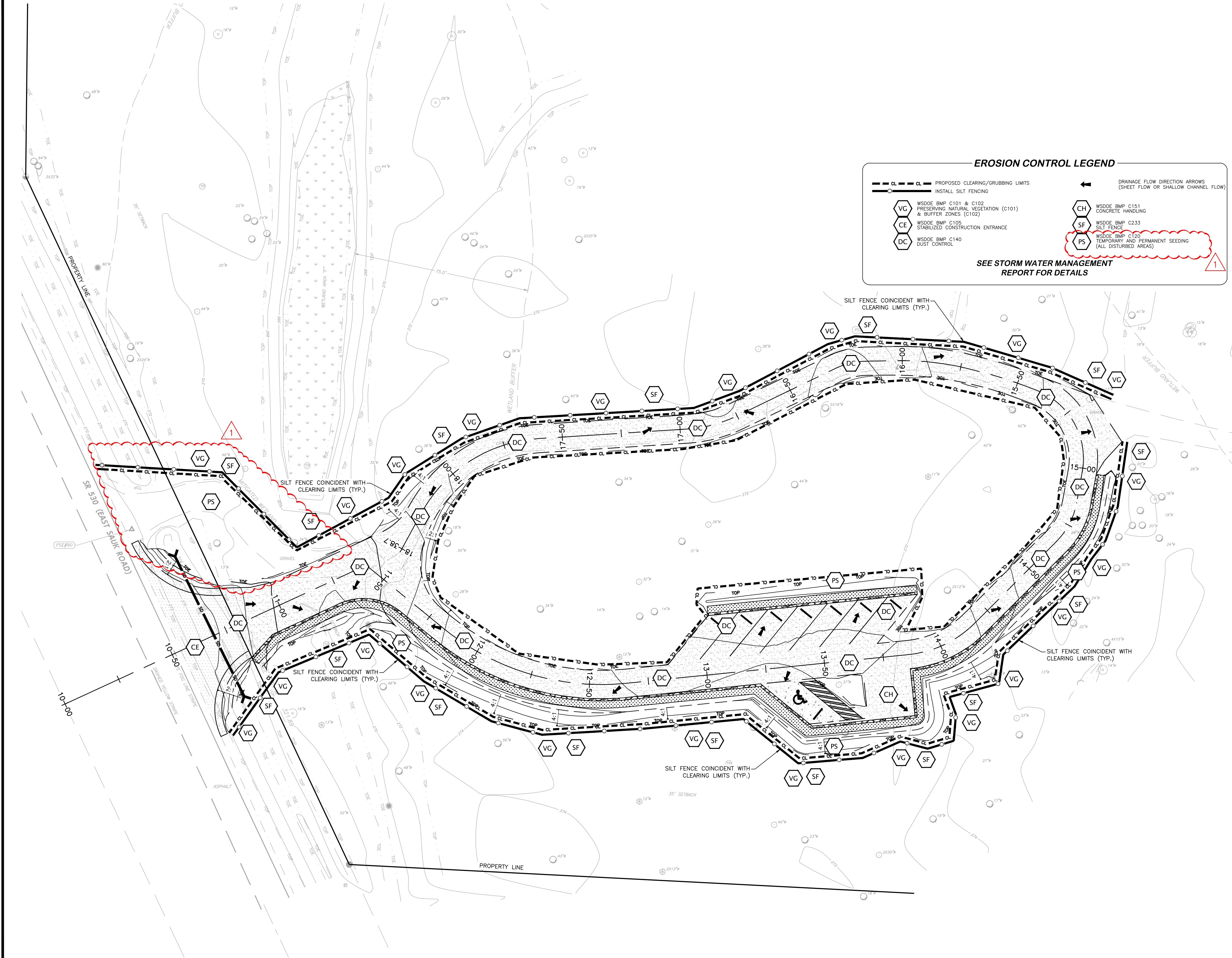


PACIFIC SURVEYING
& ENGINEERING, INC.

909 Squakum Way, Suite 111 | BELLEVUE, WA 98005
T: 360.671.7387 | F: 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	JMN	ASM	DESIGN: 778.00
DESIGN	JRG	DPG	STAKING: XXX
XREF: 2023166_sv_TB.DWG			ASBUILT: XXX
JOB#: 2023166			DATUM
HORIZ. SCALE: 1"=20'			HORIZ.: NAD 83/11
VERT. SCALE: 1"=4'			VERT.: NAVD 88
DWG: P:\Pse Project\2023166\DWGs_-SHEET\2023166_ecP_SP.dwg			
SHEET 06			OF 08





EROSION CONTROL LEGEND

CL CL PROPOSED CLEARING/GRUBBING LIMITS
INSTALL SILT FENCING

VG WSDOE BMP C101 & C102
PRESERVING NATURAL VEGETATION (C101)
& BUFFER ZONES (C102)

CE WSDOE BMP C105
STABILIZED CONSTRUCTION ENTRANCE

DC WSDOE BMP C140
DUST CONTROL

CH WSDOE BMP C151
CONCRETE HANDLING

SF WSDOE BMP C233
SILT FENCE

PS WSDOE BMP C120
TEMPORARY AND PERMANENT SEEDING
(ALL DISTURBED AREAS)

SEE STORM WATER MANAGEMENT
REPORT FOR DETAILS

1

PSE

GRAPHIC SCALE
(US SURVEY FEET)

0 10 20 40

1 inch = 20 feet

CALL BEFORE YOU DIG 1-800-424-5555

REVISION	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
1	07/29/2026	ADDENDUM #1	1	03/18/25	PERMIT SET
			2	07/01/25	RESPONSE TO COUNTY COMMENTS
			3	02/19/26	RESPONSE TO WSDOT COMMENTS
			4	06/29/2026	BID SET

SKAGIT COUNTY PARKS & RECREATION
1730 CONTINENTAL PLACE
MOUNT VERNON, WA 98273

HILT CREEK FALLS PARK
SKAGIT COUNTY, WA
SITE IMPROVEMENTS

TESCP

PSE
PACIFIC SURVEYING
& ENGINEERING, INC.
909 Squakum Way, Suite 111 | BELLEVUE, WA 98005
T: 360.671.7387 | F: 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	JMN	ASM	DESIGN: 778.00
DESIGN	JRG	DPG	STAKING: XXX
XREF:	2023166_sv_TB.DWG	ASBUILT: XXX	
JOB#:	2023166	DATUM	
HORIZ. SCALE:	1"=20'	HORIZ.:	NAD 83/11
VERT. SCALE:	1"=4'	VERT.:	NAVD 88
DWG:	P:\Pse Project\2023166\DWGs_-SHEET\2023166_ecP_SP.dwg		
SHEET	07	OF	08



TEMPORARY EROSION/SEDIMENTATION CONTROL

1. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
2. APPROVAL OF THESE TEMPORARY EROSION/SEDIMENTATION CONTROL (TESC) PLANS DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
3. THE IMPLEMENTATION OF THESE TESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE TESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
4. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
5. THE TESC FACILITIES SHOWN ON THE PLANS MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS.
6. THE TESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED (E.G., ADDITIONAL SUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.) AS NEEDED FOR UNEXPECTED STORM EVENTS.
7. THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. A RECORD OF EACH INSPECTION AND ANY CORRECTIVE ACTION TAKEN MUST BE RETAINED WITH THE SWPPP.
8. ANY AREA STRIPPED OF VEGETATION, INCLUDING ROADWAY EMBANKMENTS, WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 7 DAYS, SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED TESC METHODS (E.G., SEEDING, MULCHING, NETTING, EROSION BLANKETS, ETC.).
9. ANY AREA NEEDING TESC MEASURES, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN FIFTEEN (15) DAYS.
10. THE TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT WITH THE APPROVAL OF ENGINEER.
11. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
12. STABILIZED CONSTRUCTION ENTRANCES AND WASH PADS SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
13. DURING THE TIME PERIOD OF OCTOBER 1 THROUGH APRIL 30, ALL PROJECT DISTURBED AREAS GREATER THAN 5,000 SQUARE FEET, THAT ARE TO BE LEFT UNWORKED FOR MORE THAN 12 HOURS, SHALL BE COVERED BY ONE OF THE FOLLOWING COVER MEASURES: MULCH, SODDING, OR PLASTIC COVERING.
14. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE PERMANENT FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION OR DISPERSION SYSTEM, THE FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN. NO UNDERGROUND DETENTION TANK, DETENTION VAULT, OR SYSTEM WHICH BACKS UNDER OR INTO A POND SHALL BE USED AS A TEMPORARY SETTLING BASIN.
15. WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROPRIATE RATE (E.G. ANNUAL OR PERENNIAL RYE APPLIED AT APPROXIMATELY 120 POUNDS PER ACRE).
16. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO INCHES.
17. ALL EROSION/SEDIMENTATION CONTROL PONDS WITH A DEAD STORAGE DEPTH EXCEEDING 6 INCHES MUST HAVE SLOPES NOT STEEPER THAN 3H:1V.
18. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
19. EROSION/SEDIMENTATION CONTROL FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS IN THESE PLANS. LOCATIONS MAY BE MOVED TO SUIT FIELD CONDITIONS, SUBJECT TO APPROVAL BY THE ENGINEER AND LOCAL JURISDICTIONAL AUTHORITY.

NPDES NOTES

1. THE CONTRACTOR SHALL KEEP A RECORD OF THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE IMPLEMENTED.
2. ALL EROSION CONTROL FACILITIES SHALL BE INSPECTED, MAINTAINED AND REPAIRED BY THE CONTRACTOR AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL ON SITE EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES PER 24 HOUR PERIOD. AN INSPECTION REPORT FILE SHALL BE MAINTAINED BY THE CONTRACTOR FOR EACH INSPECTION.

SEEDING NOTES

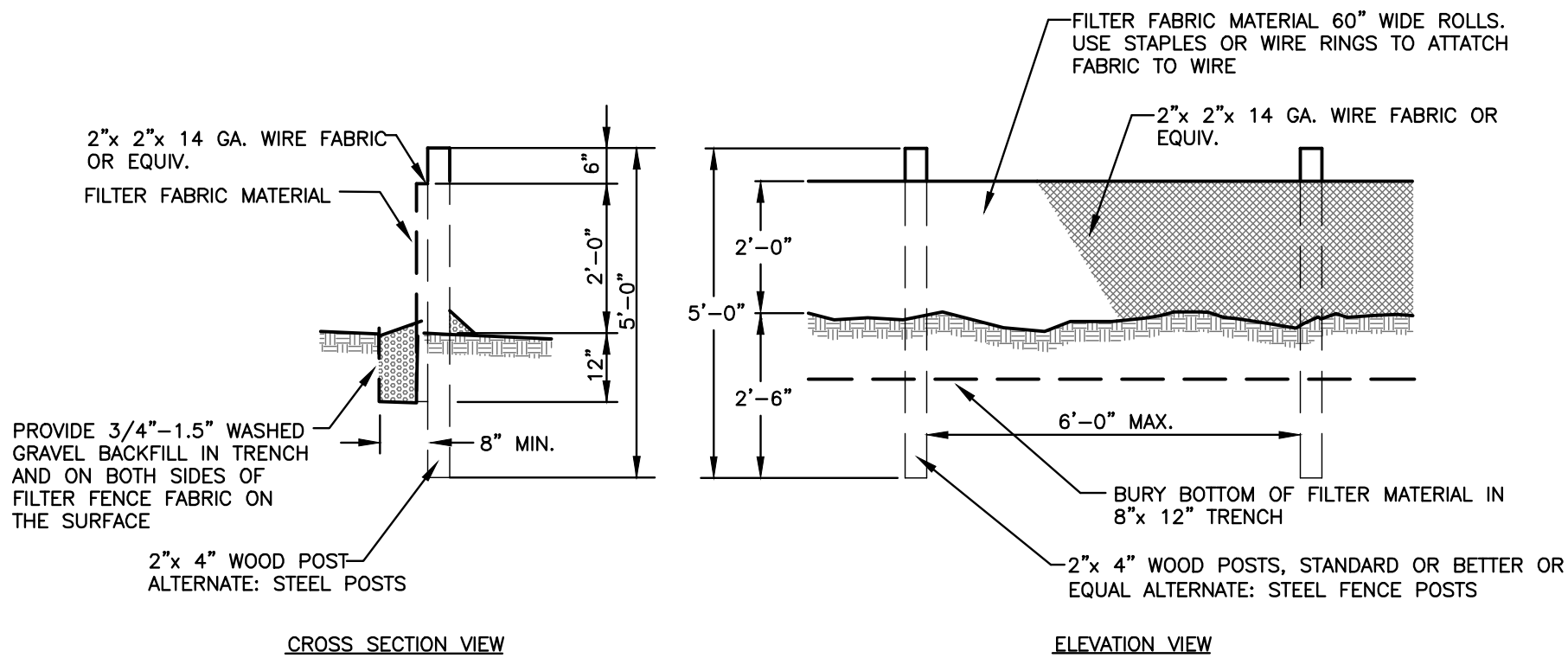
1. SEEDBED PREPARATION MAY INCLUDE THE FOLLOWING:
 - A. IF INFERTILE OR COARSE TEXTURED SUBSOIL WILL BE EXPOSED DURING GRADING, STOCKPILE TOPSOIL AND RE-SPREAD IT OVER THE FINISHED SLOPE AND ROLL IT TO PROVIDE A FIRM BASE.
 - B. IF CONSTRUCTION FILLS HAVE LEFT SOIL EXPOSED WITH A LOOSE, ROUGH OR IRREGULAR SURFACE, TRACK WALK UP SLOPE.
 - C. IF CUTS OR CONSTRUCTION EQUIPMENT HAVE LEFT A TIGHTLY COMPACTED SURFACE, BREAK WITH CHISEL PLOW OR OTHER SUITABLE EQUIPMENT.
 - D. PERFORM ALL CULTURAL OPERATIONS ACROSS OR AT RIGHT ANGLES TO THE SLOPES (CONTOURED). THE SEEDBED SHOULD BE FIRM WITH A FAIRLY FINE SURFACE AFTER ROUGHENING.
2. FERTILIZATION – AS PER SUPPLIER'S RECOMMENDATIONS. DEVELOPMENTS ADJACENT TO WATER BODIES MUST USE NON-PHOSPHOROUS FERTILIZER.
3. HYDROSEEDING APPLICATIONS WITH APPROVED SEED-MULCH-FERTILIZER MIXTURES MAY ALSO BE USED.
4. SEEDING – APPLY APPROPRIATE MIXTURE TO THE PREPARED SEEDBED AT A RATE OF 120 LBS/ACRE. COVER THE SEED WITH TOPSOIL OR MULCH NO DEEPER THAN ONE-HALF INCH.

SEED MIX	VEGETATION TYPE (COMMON NAME)	PROPORTIONS BY WEIGHT	PERCENT PURITY	PERCENT GERMINATION
TEMPORARY EROSION CONTROL*	CHEWINGS OR RED FESCUE	40%	98	90
	PERENNIAL RYE	50%	98	90
	REDTOP OR COLONIAL BENTGRASS	5%	92	85
	WHITE DUTCH CLOVER	5%	98	90
LOW GROW*	DWARF TALL FESCUE VAR.	45%	98	90
	DWARF PERENNIAL RYE (BARCLAY)	30%	98	90
	RED FESCUE	20%	98	90
	COLONIAL BENTGRASS	5%	98	90

*(ADOPTED FROM WSDOE 2014 STORMWATER MANAGEMENT MANUAL WESTERN WASHINGTON, VOLUME. II, BMP C120)

FILTER FENCE NOTES

1. THE FILTER FABRIC 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 BOTH ENDS SECURELY FASTENED TO THE POST.
2. THE FILTER FABRIC FENCE SHALL BE INSTALLED TO FOLLOW THE CONTOURS (WHERE FEASIBLE). THE FENCE POSTS SHALL BE SPACED AT A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 30 INCHES).
3. A TRENCH SHALL BE EXCAVATED, ROUGHLY 8 INCHES WIDE AND 12 INCHES DEEP, UPSLOPE AND ADJACENT TO THE WOOD POST TO ALLOW THE FILTER FABRIC TO BE BURIED.
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, TIE 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 FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE AND 20 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
6. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF STANDARD NOTE 5 APPLYING.
7. THE TRENCH SHALL BE BACKFILLED WITH 3/4-INCH MINIMUM DIAMETER WASHED GRAVEL.
8. FILTER FABRIC FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
9. FILTER FABRIC FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

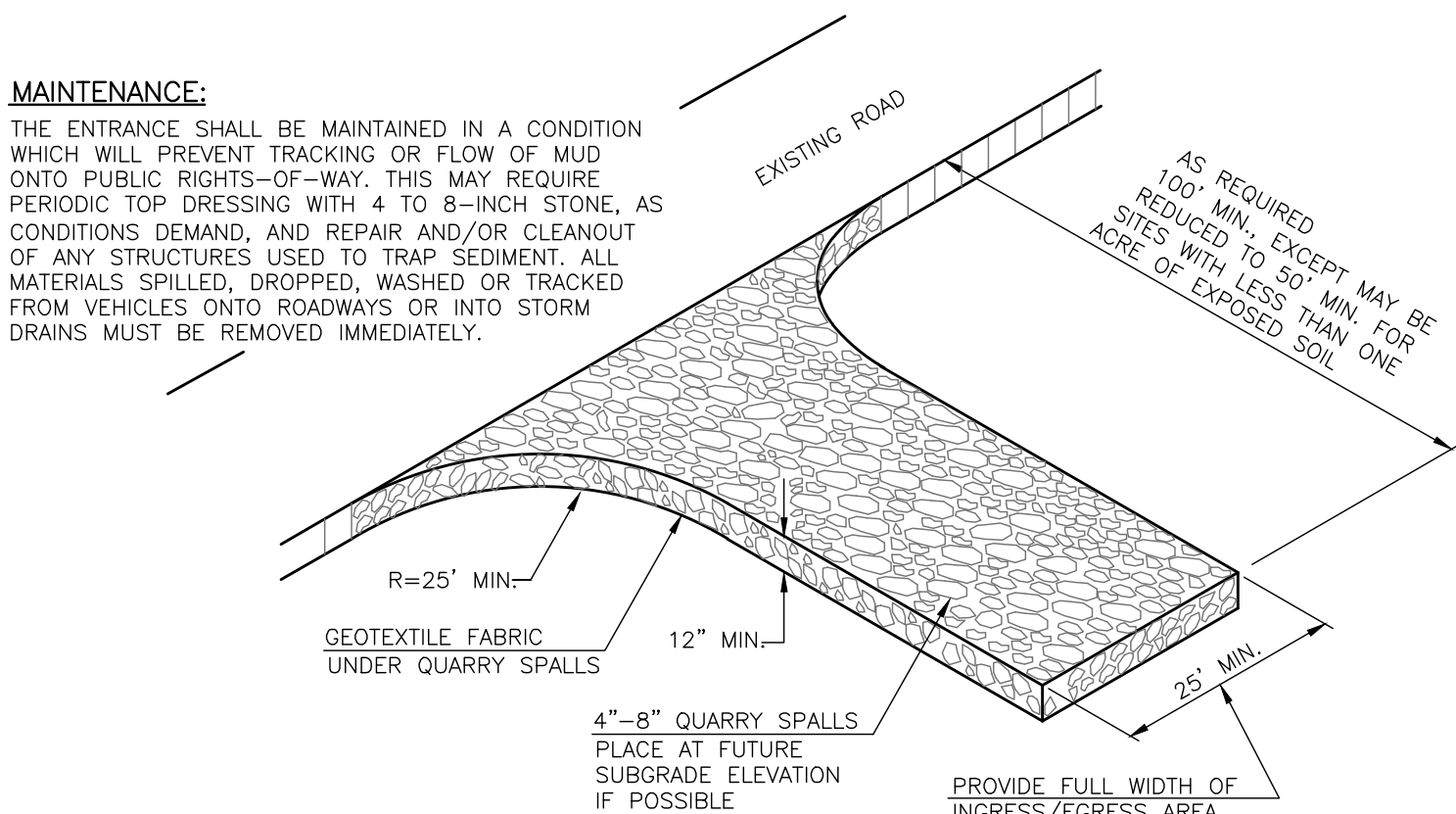


SILT FENCE DETAILS

NOT TO SCALE

MAINTENANCE:

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 4 TO 8-INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.



ROCK STABILIZATION
CONSTRUCTION ROAD ENTRANCE

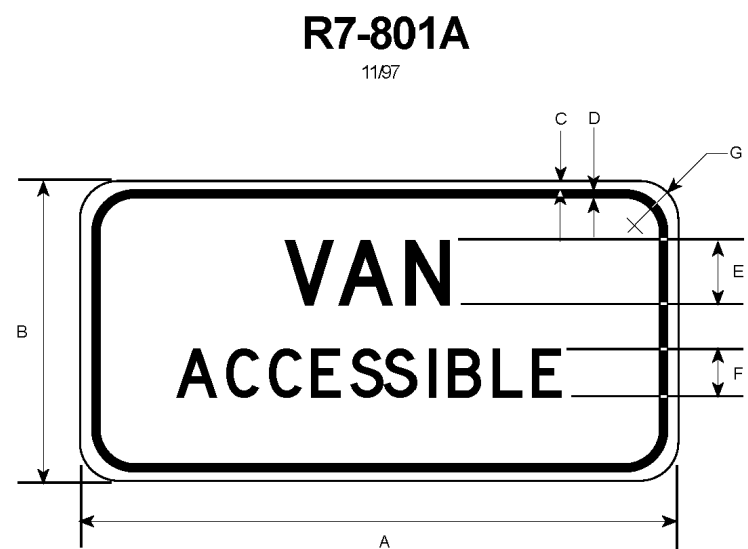
NOT TO SCALE



DIMENSIONS (MILLIMETERS)										
A	B	C	D	E	F	G	H	J	K	L
300	450	10	16	50C	19C	25	13	19	150	38

DIMENSIONS (INCHES)										
A	B	C	D	E	F	G	H	J	K	L
12	18	3/8	5/8	2C	3/4C	1	1/2	3/4	6	1 1/2

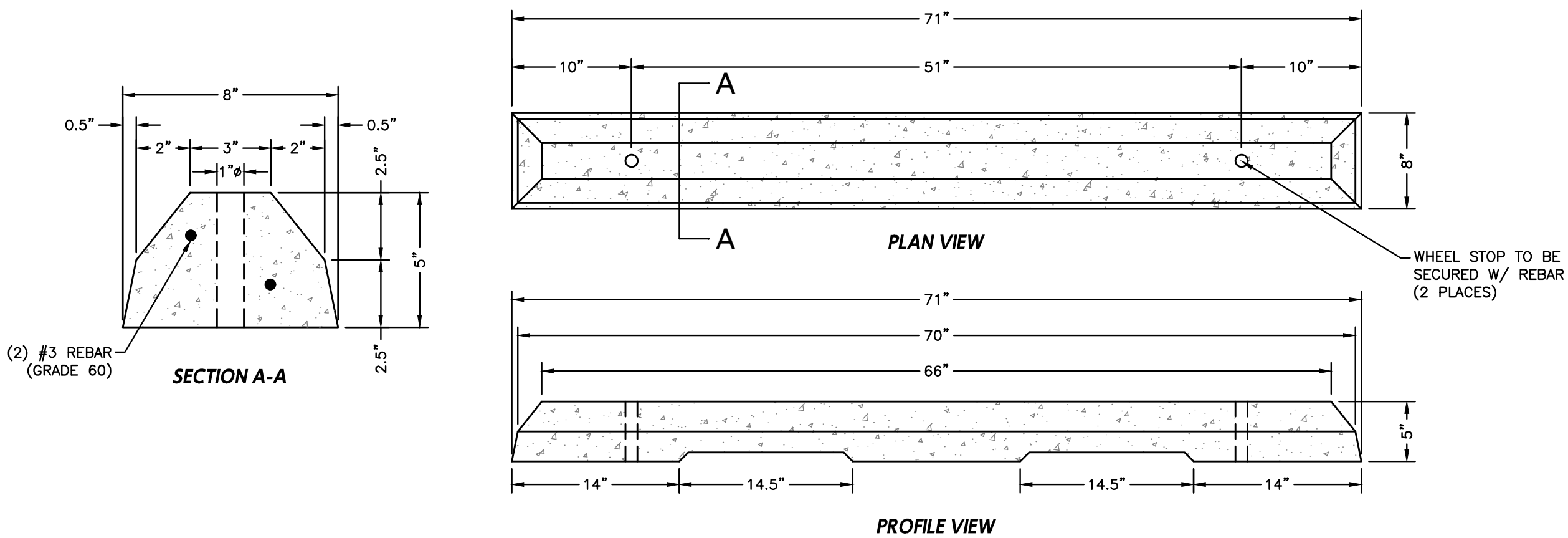
COLORS
LEGEND - GREEN (REFL)
SYMBOL - BLUE (REFL)
BACKGROUND - WHITE (REFL)



DIMENSIONS (MILLIMETERS)						
A	B	C	D	E	F	G
300	150	9	9	38D	25D	38
450	225	16	16	50D	38D	38

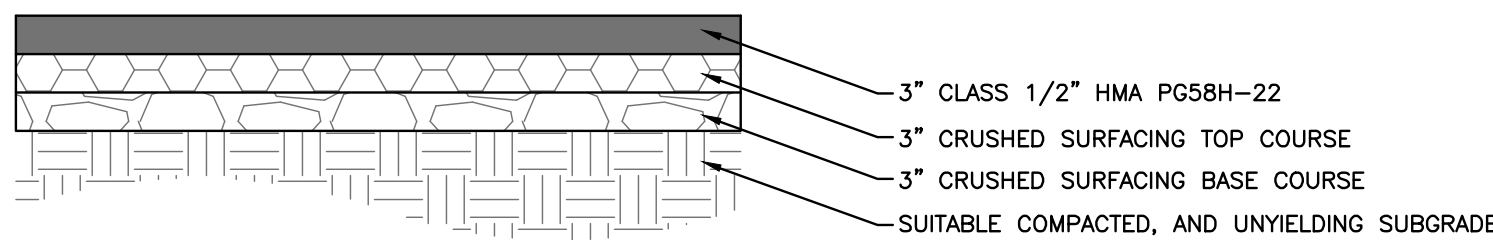
DIMENSIONS (MILLIMETERS)						
A	B	C	D	E	F	G
12	6	3/8	3/8	1 1/2D	1D	1 1/2
18	9	5/8	5/8	2D	1 1/2D	1 1/2

COLORS
REGULATORY (COLORS MAY BE REVERSED)
LEGEND - GREEN OR BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)
DIRECTIONAL
LEGEND - WHITE (REFL)
BACKGROUND - BLUE (REFL)



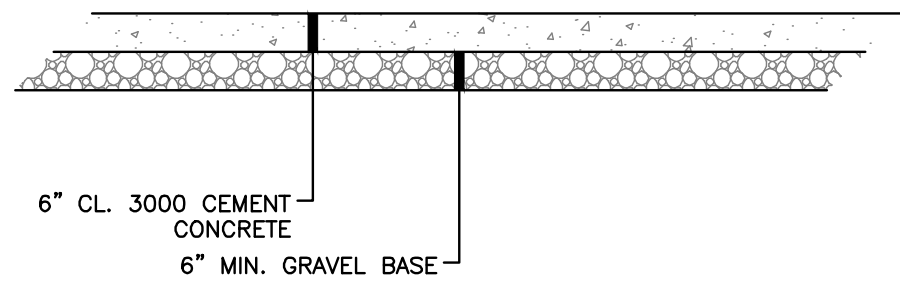
SLOTTED CONCRETE WHEEL STOP

NTS



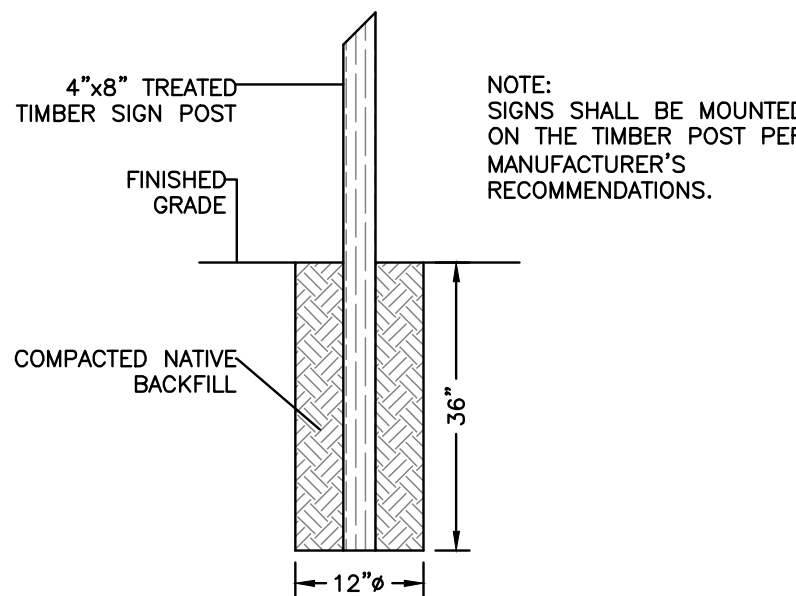
TYPICAL ASPHALT SECTION

NTS



TYPICAL CONCRETE ADA PARKING SECTION

NTS



SIGN POST DETAIL

NTS

CALL BEFORE YOU DIG 1-800-424-5555

REVISION	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
1	07/29/2026	ADDENDUM #1	1	03/18/25	PERMIT SET
			2	07/01/25	RESPONSE TO COUNTY COMMENTS
			3	02/19/26	RESPONSE TO WSDOT COMMENTS
			4	06/29/2026	BID SET

SKAGIT COUNTY PARKS & RECREATION
1730 CONTINENTAL PLACE
MOUNT VERNON, WA 98273

HILT CREEK FALLS PARK

SKAGIT COUNTY, WA
SITE IMPROVEMENTS

DETAILS (1)

PACIFIC SURVEYING
& ENGINEERING, INC.
909 Squakum Way, Suite 111 | BELLEVUE, WA 98225
T: 360.671.7387 | F: 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	JMM	ASM	DESIGN: 778.00
DESIGN	JRG	DPG	STAKING: XXX
XREF:	2023166_evX_Td.dwg	ASBUILT:	XXX
JOB#:	2023166	DATUM	
HORIZ. SCALE:	1"=20'	HORIZ.:	NAD 83/11
VERT. SCALE:	1"=4'	VERT.:	NVD 88
DWG:	P:\Pse Project\2023166\DWGs_SHEET\2023166_ecP_CND.dwg		
SHEET	08	OF	08

