# **ESCP GENERAL NOTES**

- THE CONTRACTOR WILL MAINTAIN A LIST OF ALL PERSONNEL (BY NAME AND POSITION) THAT ARE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF STORMWATER CONTROL 1. MEASURES), AS WELL AS THEIR INDIVIDUAL RESPONSIBILITIES.
- VISUAL MONITORING INSPECTION REPORTS WILL BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS TO INSPECT ON THE INITIAL DATE THAT LAND DISTURBING ACTIVITIES 2 COMMENCE, WITHIN 24 HOURS OF ANY STORM EVENT, AND AT LEAST ONCE EVERY 14 DAYS REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING.
- INSPECTION LOGS WILL BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS USING DEQ FORM 1 AND 2 CONSTRUCTION SITE BUMP INSPECTION REPORT & CHECKLIST FOR COMPLIANCE WITH OREGON NPDES 1200-C GENERAL PERMIT. INSPECTION FORMS WILL DOCUMENT OBSERVATIONS, THE IMPLEMENTATION AND PRESENCE OF EROSION AND SEDIMENT CONTROLS, APPÁRENT DISCHARGES, AND CONSTRUCTION ACTIVITIES PERTINENT TO EROSION AND SEDIMENT CONTROL INCLUDING BUT NOT LIMITED TO INGRESS, EGRESS, AND STOCKPILING.
- A COPY OF THE ESCP AND ALL REVISIONS WILL BE RETAINED ON SITE AND AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY.
- CLEARING AND GRADING WILL BE SEQUENCED TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION TO THE MAXIMUM EXTENT POSSIBLE BY PROVIDING **TEMPORARY STABILIZATION AS DESCRIBED BELOW AND PER EROSION AND SEDIMENT** CONTROL CONSTRUCTION DETAILS ON SHEETS 00-LU-509 AND 00-LU-510.
- **CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING PROTECTED TREES AND ASSOCIATED** ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED ARE IDENTIFIED, MARKED, AND PROTECTED (BY CONSTRUCTION FENCING) AS SHOWN ON SHEETS 00-LU-502 THROUGH 00-LU-508 PER DETAIL ON 00-LU-510. VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS, AND OTHER AREAS TO BE PRESERVED ARE SHOWN ON SHEETS 00-LU-502 THROUGH 00-LU-508.
- PRESERVE EXISTING VEGETATION OUTSIDE OF PROJECT LIMITS AS DELINEATED BY TREE PROTECTION FENCING AND SEDIMENT FENCING AND RE-VEGETATE ALL UNPAVED AREAS WITHIN THE PROJECT LIMITS. TEMPORARY RE-VEGETATION IS REQUIRED DURING CONSTRUCTION AS INDICATED BELOW AND PERMANENT RE-VEGETATION IS REQUIRED FOLLOWING COMPLETION OF CONSTRUCTION. PROPOSED VEGETATIVE SEED MIX OF SERILE WHEAT GRASS-REGREEN. QUICKGUARD. OR AN APPROVED EQUAL AT A RATE OF 50 POUNDS PER ACRE, OR HORDEUM VULGARE VAR, POCO-POCO BARLEY AT A RATE OF 60 POUNDS PER
- A NATURAL BUFFER OF 100 FEET WILL BE MAINTAINED AROUND JOHNSON CREEK AS SHOWN ON SHEET 00-LU-504.
- INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AND, SEDIMENT AND BARRIERS PER THE DETAILS ON SHEETS 00-LU-509 AND 00-LU-510 PRIOR TO LAND DISTURBANCE.
- CONTROL OF STORMWATER RUNOFF DURING CONSTRUCTION WILL BE COLLECTED THROUGH DITCHES WITH STRAW WATTLES ADJACENT TO CONSTRUCTION ACTIVITIES. THE STORMWATER 10. IS HELD IN DETENTION PONDS UNTIL CLEAN THEN DISCHARGED AT PREDEVELOPMENT RATES TO JOHNSON CREEK. EROSION AT OUTLETS AND CHANNELS WILL BE MINIMIZED THROUGH FILTER SOCKS OR WATTLES, REFER TO DETAILS ON SHEETS 00-LU-509 AND 00-LU-510 AND TO THE STORMWATER REPORT INCLUDED SEPARATELY IN THIS APPLICATION
- SEDIMENT ALONG THE PERIMETER OF THE PROJECT LIMITS AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS WILL BE CONTROLLED AT ALL TIMES DURING CONSTRUCTION WITH SEDIMENT BARRIER INSTALLED ALONG THE COMPLETE UNPAVED PERIMETER OF THE PROJECT LIMITS.
- ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE 12 **BEGINNING CONCRETE WORK AS SHOWN ON SHEET 00-LU-505.**
- APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES, PER DETAILS ON 00-LU-509 AND 00-LU-510.
- MATERIAL AND WASTE STORAGE AREAS OUTSIDE OF RIGHTS-OF-WAY WILL BE ESTABLISHED BY THE CONTRACTOR AND EROSION CONTROL MEASURES TO PROTECT MATERIAL AND WASTE STORAGE AREAS WILL COMPLY WITH THE EROSION CONTROL CONSTRUCTION DETAILS ON 00-LU-509 AND 00-LU-510. MATERIAL WILL NOT BE STOCKPILED WITHIN THE RIGHT-OF-WAY.
- WASTE CONTAINER LIDS WILL BE KEPT CLOSED OR COVERED TO PREVENT EXPOSURE TO PRECIPITATION WHEN NOT IN USE.CONTRACTOR WILL TRANSPORT WASTE MATERIALS OFFSITE TO STAGING YARDS FOR COLLECTION PRIOR TO DISPOSAL. WASTE MATERIALS WILL NOT BE STORED WITHIN THE RIGHT-OF-WAY.
- 16. TIRE WASHES WILL BE PROVIDED AT THE CONSTRUCTION ENTRANCE OFF SE CARPENTER LANE AT THE FACILITY ENTRANCE (SEE SHEET 00-LU-505) AND AT THE CONSTRUCTION ENTRANCE ON THE SE EXIT ROAD (SEE SHEET 00-LU-505) TO PREVENT TRACKING OF ENT ONTO PUBLIC ROADS, PUBLIC ROADS WILL BE SWEPT DAILY, PRIVATE FARM ROADS UTILIZED DURING CONSTRUCTION WILL BE IMPROVED WITH GRAVEL PRIOR TO LAND DISTURBING ACTIVITIES. THESE BMPS MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES.
- CONCRETE WASH-OUTS WILL BE PROVIDED AT THE CONSTRUCTION ENTRANCE OFF SE CARPENTER LANE AT THE FACILITY ENTRANCE (SEE SHEET 00-LU-505) AND AT THE CONSTRUCTION ENTRANCE ON THE SE EXIT ROAD (SEE SHEET 00-LU-505) TO PREVENT 17. CONCRETE DISCHARGES FROM LEAVING THE CONSTRUCTION SITE.
- STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES ARE NOT OCCURRING WILL BE 18. DELINEATED BY SEDIMENT FENCE TO PREVENT DISTURBANCE
- PERMANENT RESTORATION OF UNPAVED AREAS WITHIN RIGHTS-OF-WAY WILL INCLUDE SOIL AMENDMENT FOR FILTER STRIPS FOR STORMWATER DISPERSION, AND PERMANENT RESTORATION OF AGRICULTURAL SOILS ON PRIVATE PROPERTY WILL BE REQUIRED TO MEET SPECIFIC COMPACTION REQUIREMENTS. POST-CONSTRUCTION TESTING AND INSPECTION WILL BE PERFORMED TO IDENTIFY RESTORATION AREAS WHICH HAVE BEEN DISTURBED AND A CORRECTION NOTICE WILL BE ISSUED TO THE CONTRACTOR.
- CONTRACTOR BEST MANAGEMENT PRACTICES INCLUDING SECONDARY CONTAINMENT WILL BE USED TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; 20. VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES: AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER, PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS. A WRITTEN SPILL PREVENTION PLAN WILL BE PREPARED AND SUBMITTED BY THE CONTRACTOR ADDRESING RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES, SPILL KITS IN ALL VEHICLES, REGULAR MAINTENANCE SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES.
- ENGINEERED SOILS USING AMENDMENTS SUCH AS FLY-ASH OR PORTLAND CEMENT WILL NOT 21. BE USED.
- A DEWATERING PLAN WILL BE PREPARED AND SUBMITTED BY THE CONTRACTOR FOR 22. ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE IN EXCAVATIONS. DEWATERING SYSTEMS WILL BE REQUIRED TO FILTER THE DISCHARGE THROUGH AT LEAST TWO SEDIMENT BARRIERS INCLUDING A FILTER BAG AND SEDIMENT FENCE. DEWATERING SYSTEMS WILL BE REQUIRED TO LIMIT DISCHARGE QUANTITY TO MEET STORMWATER PREDEVELOPMENT RATES.
- DUST CONTROL WILL BE ADDRESSED BY WATER SPRAYING AND COVERING OF SOIL PILES TO MITIGATE WIND-BLOWN SOIL.

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No	Date	Description Revision	Appd		Project Mgr	ບ ບ	te
s	Survey					MR	

- 24. EXCEEDANCE OF APPLICABLE WATER QUALITY STANDARDS.
- 25. STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR.
- 26. SURFACE WATERS.
- 27. 505, DETAILS ON SHEET 00-LU-509.
- 28. SHEET 00-LU-509 AND 00-LU-510.
- 29.
- 30. DEPARTMENT OF STATE LANDS REQUIRED TIMEFRAME.
- 31. CLEANUP RELEASED SEDIMENTS.
- 32. **INACTIVE FOR 14 OR MORE CALENDAR DAYS.**
- 33
- 34. LONG TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE.
- 35. BODIES.

ACTIVE PERIOD

SITE CONDIT

2.	INACTIVE PERIODS GREATE CONSECUTIVE CALENDAR I
3.	PERIODS DURING WHICH TH INACCESSIBLE DUE TO INCI
4.	PERIODS DURING WHICH C ACTIVITIES ARE SUSPENDE UNLIKELY DUE TO FROZEN
5.	PERIODS DURING WHICH C ACTIVITIES ARE CONDUCTE UNLIKELY DURING FROZEN
	Designed By Design M

THE APPLICATION RATE OF ORGANIC FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW PROJECT SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS, ABIDE BY ANY SETBACKS ON PRODUCT LABELS AND USE IN SUCH A WAY THAT THE PRODUCT DOES NOT CAUSE OR CONTRIBUTE TO AN

TEMPORARILY STABILIZE SOILS WITH BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT SOILS ARE

AS NEEDED BASED ON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY SOIL STOCKPILES WILL BE STABILIZED OR COVERED. OR OTHER BMPS WILL BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO

SEDIMENT FENCE; REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL, REMOVE SEDIMENT TO APPROVED DISPOSAL SITE, SEDIMENT FENCES ARE SHOWN ON SHEETS 00-LU-502 AND 00-LU-

OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND HEIGHT AND BEFORE BMP REMOVAL. REMOVE SEDIMENT TO APPROVED DISPOSAL SITE. OTHER SEDIMENT BARRIERS ARE SHOWN ON DETAILS ON

CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. **REMOVE SEDIMENT TO APPROVED DISPOSAL SITE. CATCH BASINS, SEDIMENT BASINS AND** SEDIMENT TRAPS ARE SHOWN ON DETAILS ON SHEET 00-LU-509 AND 00-LU-510.

WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN-UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON

NO INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS IS PROPOSED. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP WILL BE USED TO

IDENTIFY ON EROSION CONTROL INSPECTION FORMS ANY PORTION(S) OF THE SITE WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE TEMPORARILY

PROVIDE TEMPORARY STABILIZATION FOR ANY PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR LONGER WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH UNTIL WORK **RESUMES ON THAT PORTION OF THE SITE. APPLY TEMPORARY SEEDING OF SERILE WHEAT** GRASS-REGREEN, QUICKGUARD, OR AN APPROVED EQUAL AT A RATE OF 50 POUNDS PER ACRE, OR HORDEUM VULGARE VAR. POCO-POCO BARLEY AT A RATE OF 60 POUNDS PER ACRE.

DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT **VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. ONCE CONSTRUCTION** IS COMPLETE AND THE SITE IS STABILIZED, ALL TEMPORARY EROSION CONTROLS AND RETAINED SOILS WILL BE REMOVED AND DISPOSED OF PROPERLY, UNLESS NEEDED FOR

EROSION AND SEDIMENT MUST NOT ENTER PUBLIC RIGHT-OF-WAY OR BE DEPOSITED INTO ANY WATER BODY. WHEN WORKING IN THE PUBLIC RIGHT-OF-WAY, NO VISIBLE OR MEASURABLE EROSION OR SEDIMENT CAN ENTER THE ROADWAY OR BE DEPOSITED IN WATER

PERMANENT PLANTINGS AND ANY REQUIRED EROSION CONTROL AND DRAINAGE MEASURE SHALL BE INSTALLED AS SOON AS PRACTICAL IN COMPLIANCE WITH NOTE 38 HEREIN.

37. AN ENERGY DISSIPATER IN THE FORM OF A FLOW SPREADER IS USED TO SPREAD FLOWS, REDUCE RELEASE WATER VELOCITY, AND AVOID POINT DISCHARGE.

38. INITIATE THE INSTALLATION OF TEMPORARY STABILIZATION MEASURES (SEE NOTE 25), FINAL VEGETATION COVER, OR PERMANENT STABILIZATION MEASURES IMMEDIATELY WHENEVER ANY LAND DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE TEMPORARILY INACTIVE ON ANY PORTION OF THE SITE FOR 14 OR MORE CALENDAR DAYS. DOCUMENT THE DAY THE ACTIVITIES CEASE AND THE LOCATION ON SITE IN THE VISUAL MONITORING REPORT. COMPLETE THE INSTALLATION OF STABILIZATION MEASURES AS SOON AS PRACTICABLE. BUT NO LATER THAN SEVEN CALENDAR DAYS AFTER STABILIZATION HAS BEEN INITIATED.

ΓΙΟΝ	MINIMUM INSPECTION FREQUENCY
	ON INITIAL DATE THAT LAND DISTURBANCE ACTIVITIES COMMENCE.
	WITHIN 24 HOURS OF ANY STORM EVENT, INCLUDING RUNOFF FROM SNOW MELT, THAT RESULTS IN DISCHARGE FROM THE SITE.
	AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING.
TER THAN 14 R DAYS	THE INSPECTOR MAY REDUCE THE FREQUENCY OF INSPECTIONS IN ANY AREA OF THE SITE WHERE THE STABILIZATION STEPS IN NOTES HAVE BEEN COMPLETED TO TWICE PER MONTH FOR THE FIRST MONTH, NO LESS THAN 14 CALENDAR DAYS APART, THAN ONCE PER MONTH.
THE SITE IS ICLEMENT WEATHER	IF SAFE, ACCESSIBLE AND PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT DISCHARGE POINT, OR DOWNSTREAM LOCATION OF THE RECEIVING WATERBODY.
CONSTRUCTION DED AND RUNOFF IS N CONDITIONS.	VISUAL MONITORING INSPECTIONS MAY BE TEMPORARILY SUSPENDED. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.
CONSTRUCTION TED AND RUNOFF IS IN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAY BE REDUCED TO ONCE A MONTH. IMMEDIATELY RESUME MOITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.

	LSH	Warning
st Mgr	TG	0 ½ 1
st Supvr	RM	If this bar does not measure 1" then the drawing is

not to scale



## SITE INFORMATION

- 1. TYPE OF DEVELOPMENT: **CAPITAL IMPROVEMENT**
- CONSTRUCTION ACTIVITY WILL CONSIST OF: 2.
  - CLEARING SEPTEMBER 2023 Δ) MASS GRADING APRIL 2024
  - UTILITY CONSTRUCTION JUNE 2024 **VERTICAL CONSTRUCTION JUNE 2025**
  - OFFSITE PUBLIC ROADWAY
  - **IMPROVEMENTS JUNE 2026 FINAL STABLIZATION JUNE 2027** F)

PROJECT TIMELINE:

3.

7.

**BEGINNING DATE: JUNE 2023** COMPLETION DATE: SEPTEMBER 2027

PROJECT SITE AREAS: 4. -TOTAL AREA: 3.963.960 SF /91 AC -DISTURBED AREA: 3,462,259 SF /79 AC -PERCENT OF SITE DISTURBED: 87%

OFFSITE PUBLIC IMPROVEMENT AREA: 5. -IMPROVEMENT LENGTH: 2607 FT

- ONSITE SOIL TYPES:
  - BORGES SILTY CLAY LOAM, A) 0-8% SLOPES
  - CAZADERO SILTY CLAY LOAM,
  - 0-7% SLOPES CAZADERO SILTY CLAY LOAM, C)
  - 0-8% SLOPES CAZADERO SILTY CLAY LOAM, D)
  - 8-15% SLOPES HAPLUMBREPTS, VERY STEEP
  - WOLLENT SILT LOAM

328.653 CY

85,791 CY

242,862 CY

CUT AND FILL DATA: -CUT:

-FILL: -NET ADJUSTED: EROSION PREVENTION GROUND COVER PLASTIC SHEETING DUST CONTROL **TEMPORARY STABILIZATION (STR/** MULCH/HYDROSEED) PERMANENT STABILIZATION BUFFER ZONE (FROM RAVINE) SEDIMENT CONTROL SEDIMENT FENCE (PERIMETER) SEDIMENT FENCE (INTERIOR) STRAW WATTLES INLET PROTECTION DEWATERING **RUN OFF CONTROL** CONSTRUCTION ENTRANCE EXISTING OUTLET PROTECTION NEW OUTLET PROTECTION EXISTING CURB INLET CHECK DAI POLLUTION PREVENTION

1200-C PHASES

PHASE/BMP

HAZARD WASTE MANAGEMENT

SPILL KIT ONSITE

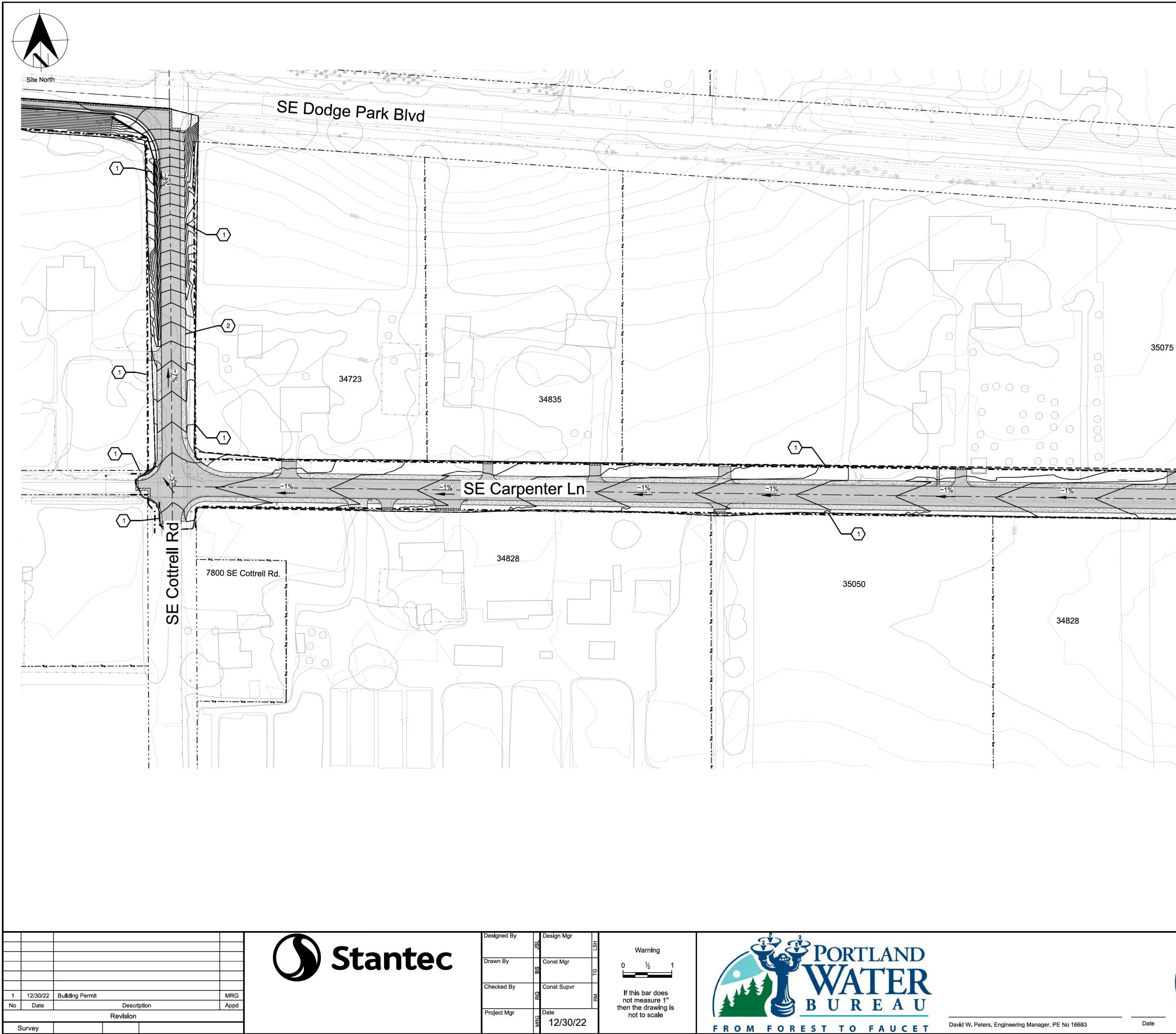
CONCRETE WASHOUT AREA

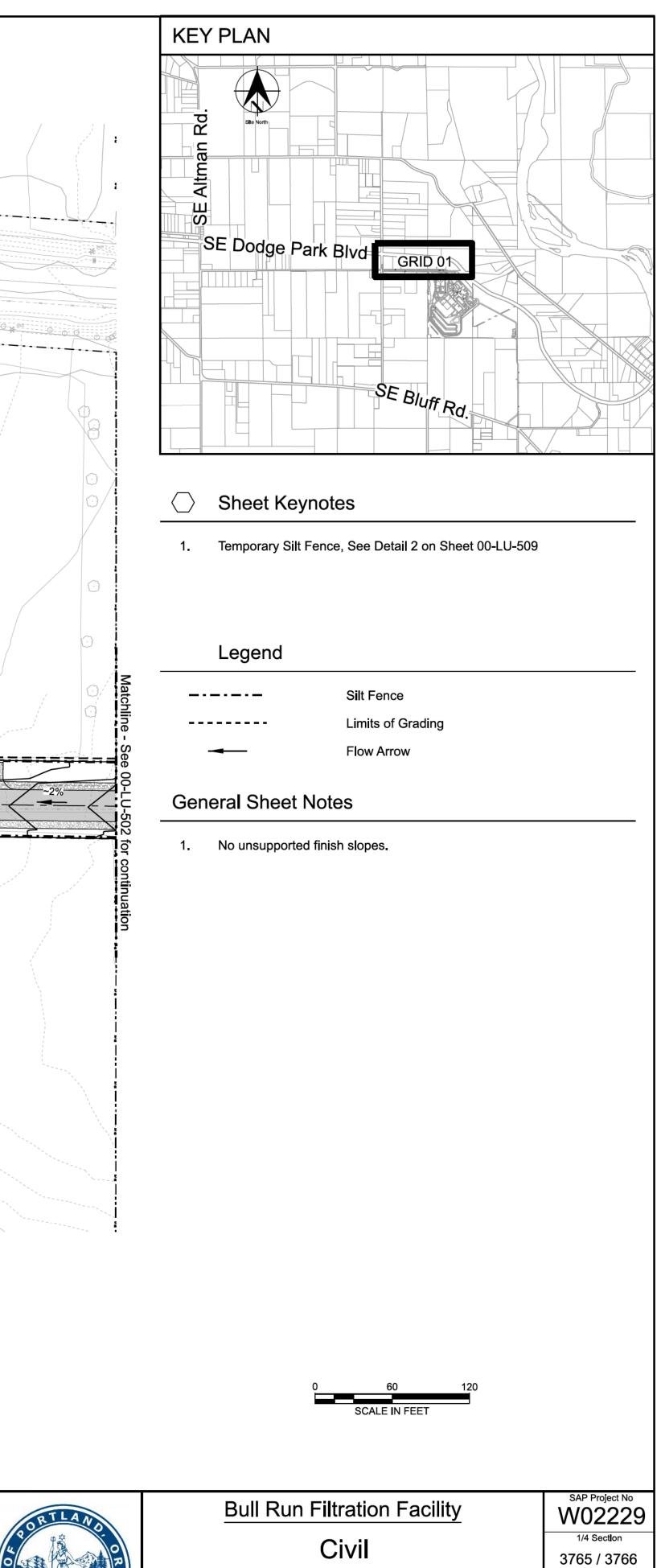
## OWNER/DEVELOPER

## DESIGN ENGINEER

BMP **INSTALLER/MAINTAINE** 

BMI			RUCTION PHA		
	CLEARING	IASE 1 MASS GRADING	PHASE 2 UTILITY	PHASE 3 VERTICAL	PHASE 4
			CONSTRUCTION	CONSTRUCTION	STABILIZATION
	x	x	X		
	x	x	Х		
	X	X	Х		
W		X	Х	X	
					х
	X	X	Х	X	
	x	x	X	X	х
	x				
	X	X	Х	Х	
			Х	Х	
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	<u>SURVEY</u> BMP			<u>E CONTRACTC</u>	) <u>R</u>
		ER/MAINTAI			
<u>२:</u>	ESCP PI	REPARER:	<u></u> <u>RAI</u>	N GUAGE:	
	RTLAN	Bul	Run Filtration	Facility	SAP Project No
4			Civil		1/4 Section 3765 / 3766
			Erosion Contro		Sheet No 00-LU-501
15	1851		General Notes		
				Exhibit I.100	of

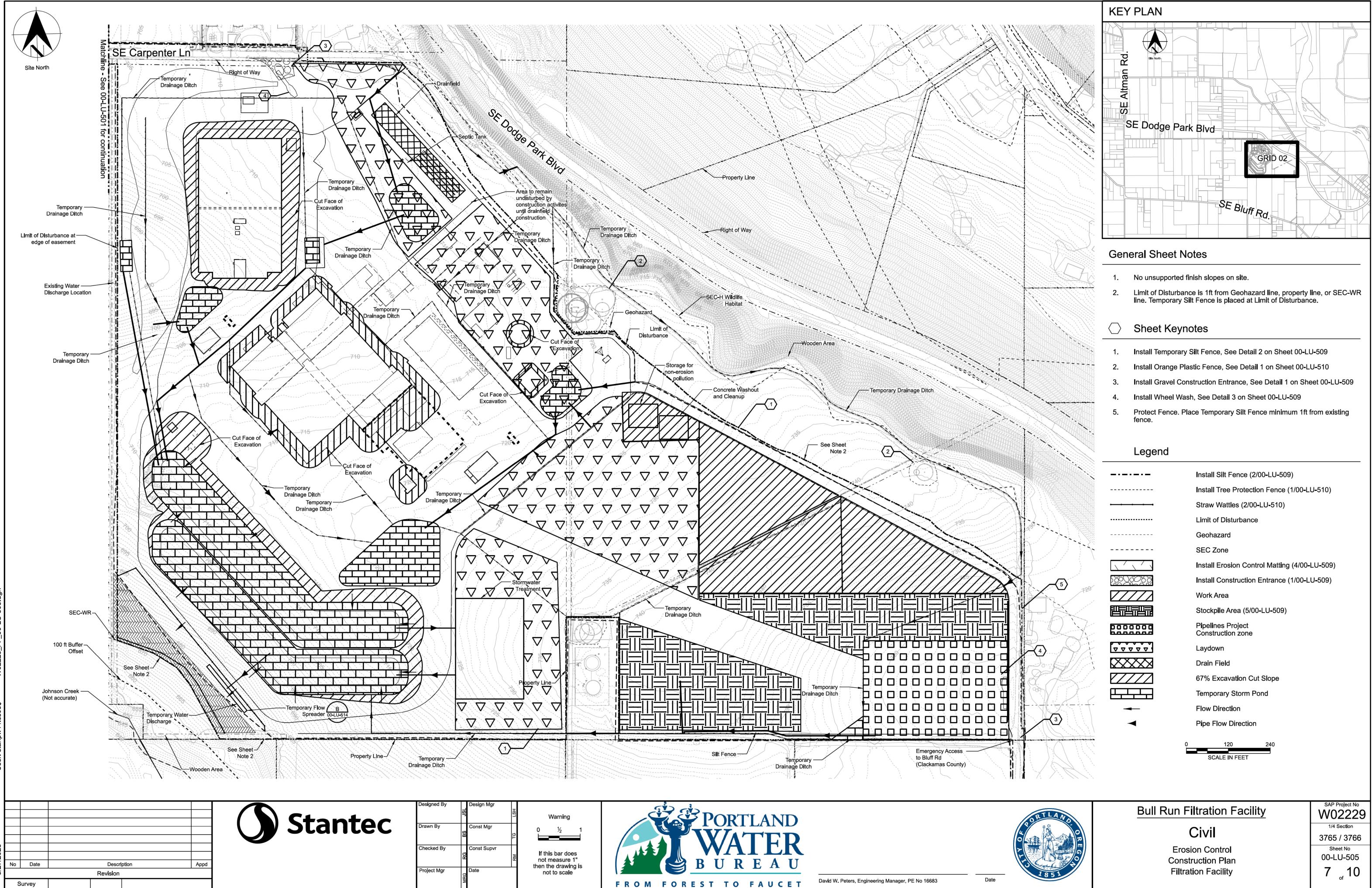


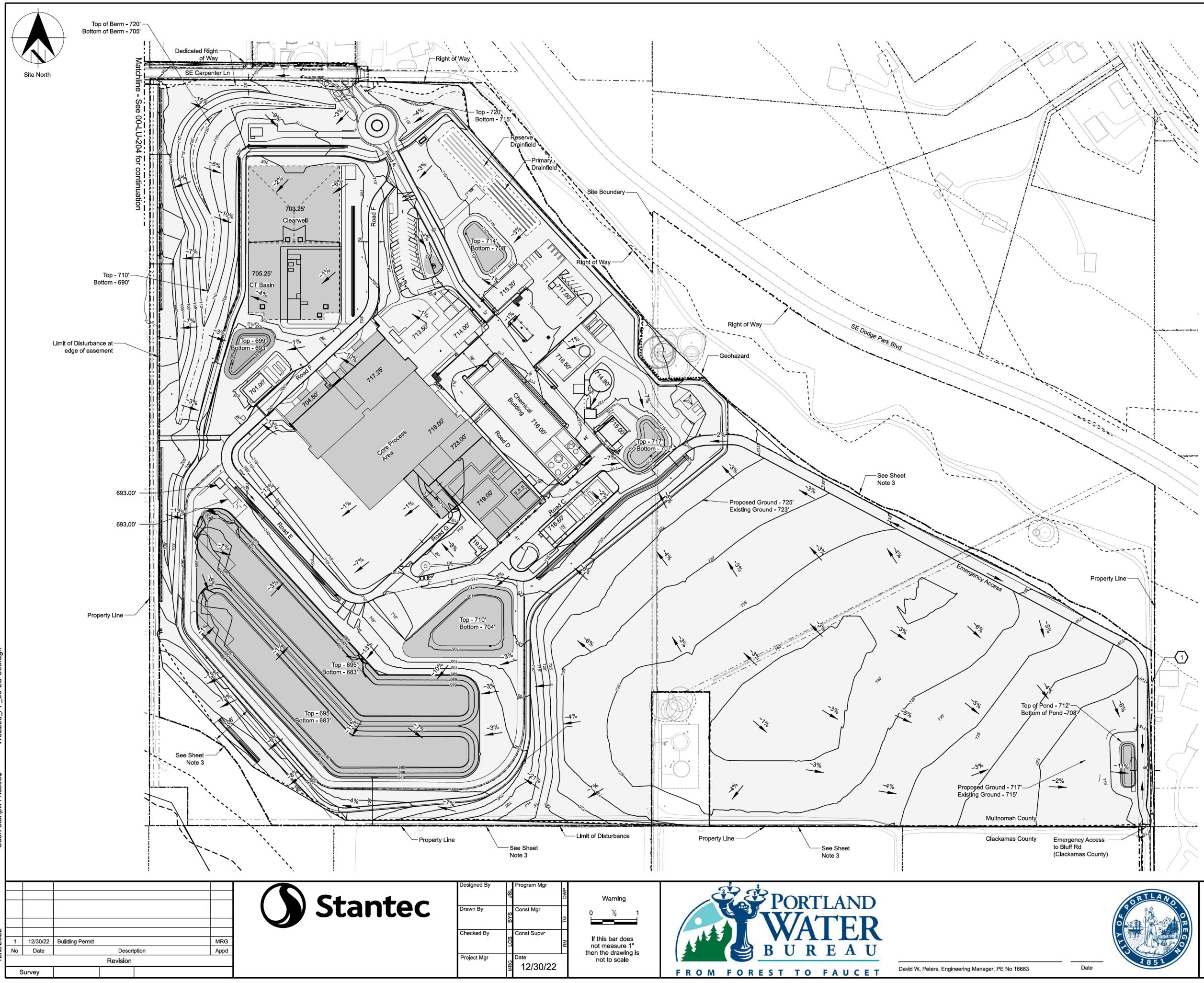


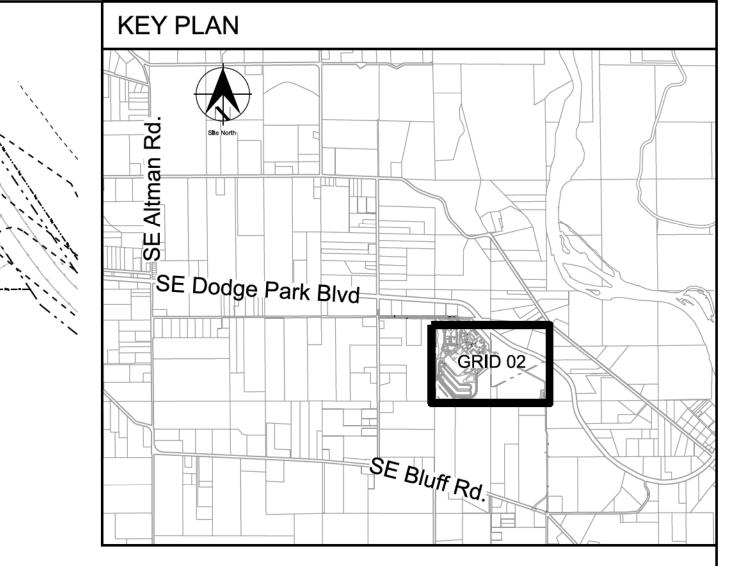
Erosion Control Proposed Conditions Carpenter Lane

Sheet No

00-LU-503







## **General Sheet Notes**

- 1. See 00-LU-507 for stormwater plan.
- 2. See 00-LU-508 for landscape plan.
- Limit of Disturbance is 1ft from Geohazard line, property line, or SEC-WR line. Temporary Silt Fence is placed at Limit of Disturbance.

### Sheet Keynotes

Protect Fence. Maintain Temporary Silt Fence minimum 1ft from existing fence.

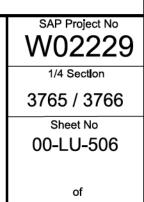
### Legend

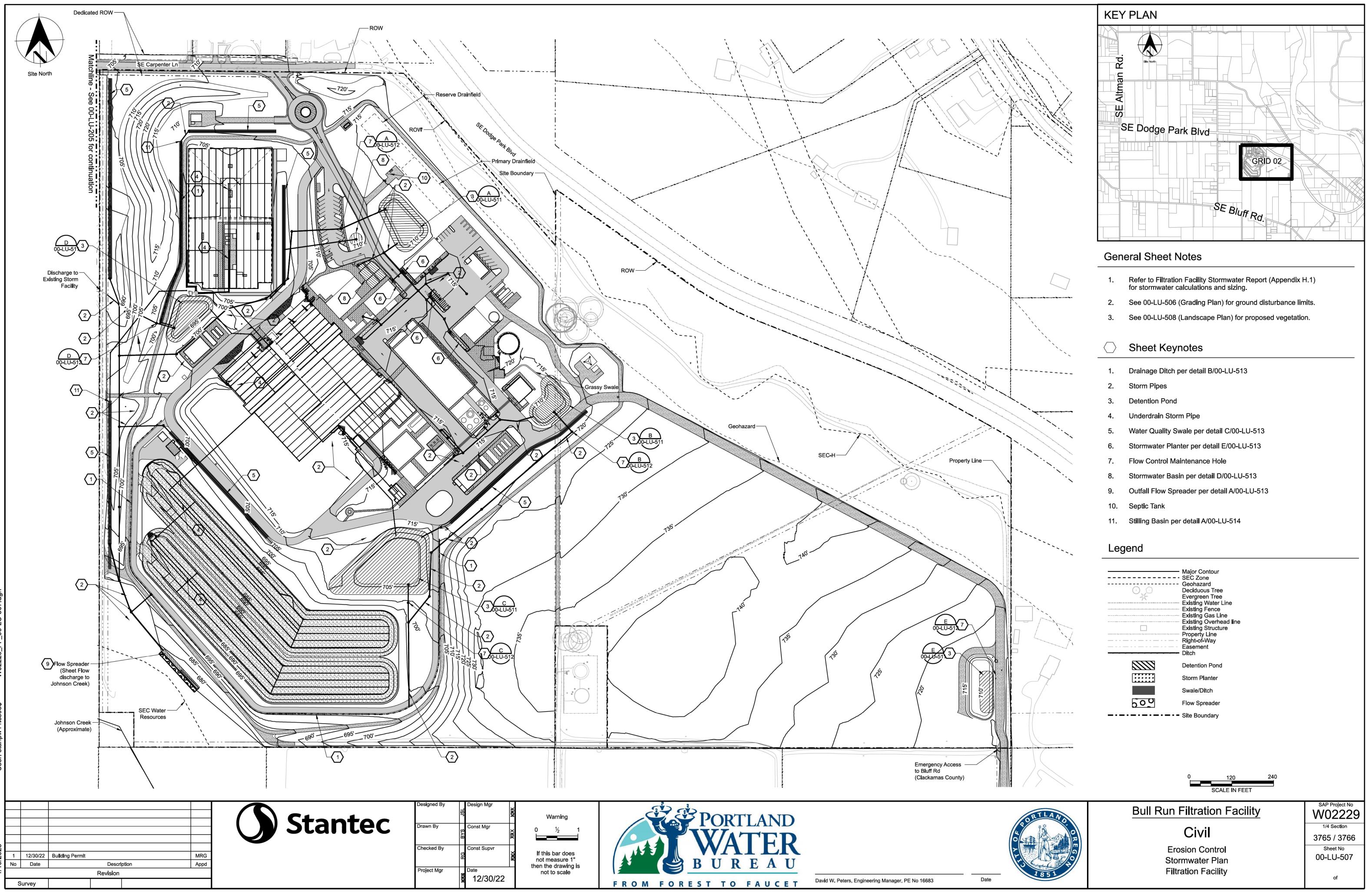
<ul> <li>Major Contour</li> <li>Minor Contour</li> <li>Existing Major Contour</li> <li>Existing Minor Contour</li> <li>SEC Zone</li> <li>Geohazard</li> <li>Limit of Disturbance Deciduous Tree</li> <li>Evergreen Tree</li> <li>Existing Water Line</li> <li>Existing Fence</li> <li>Existing Gas Line</li> <li>Existing Structure</li> <li>Existing Edge of Vegetation</li> <li>Property Line</li> <li>Right-of-Way</li> <li>Easement</li> <li>Ditch</li> <li>Water Valve</li> <li>Utility Pole</li> <li>Sanitary Maintenance Hole</li> <li>Edge of Gravel</li> <li>Fire Hydrant</li> <li>Site Boundary</li> </ul>
 Silt Fence
 - Tree Protection Fence
Inlet Protection
Cut
Fill

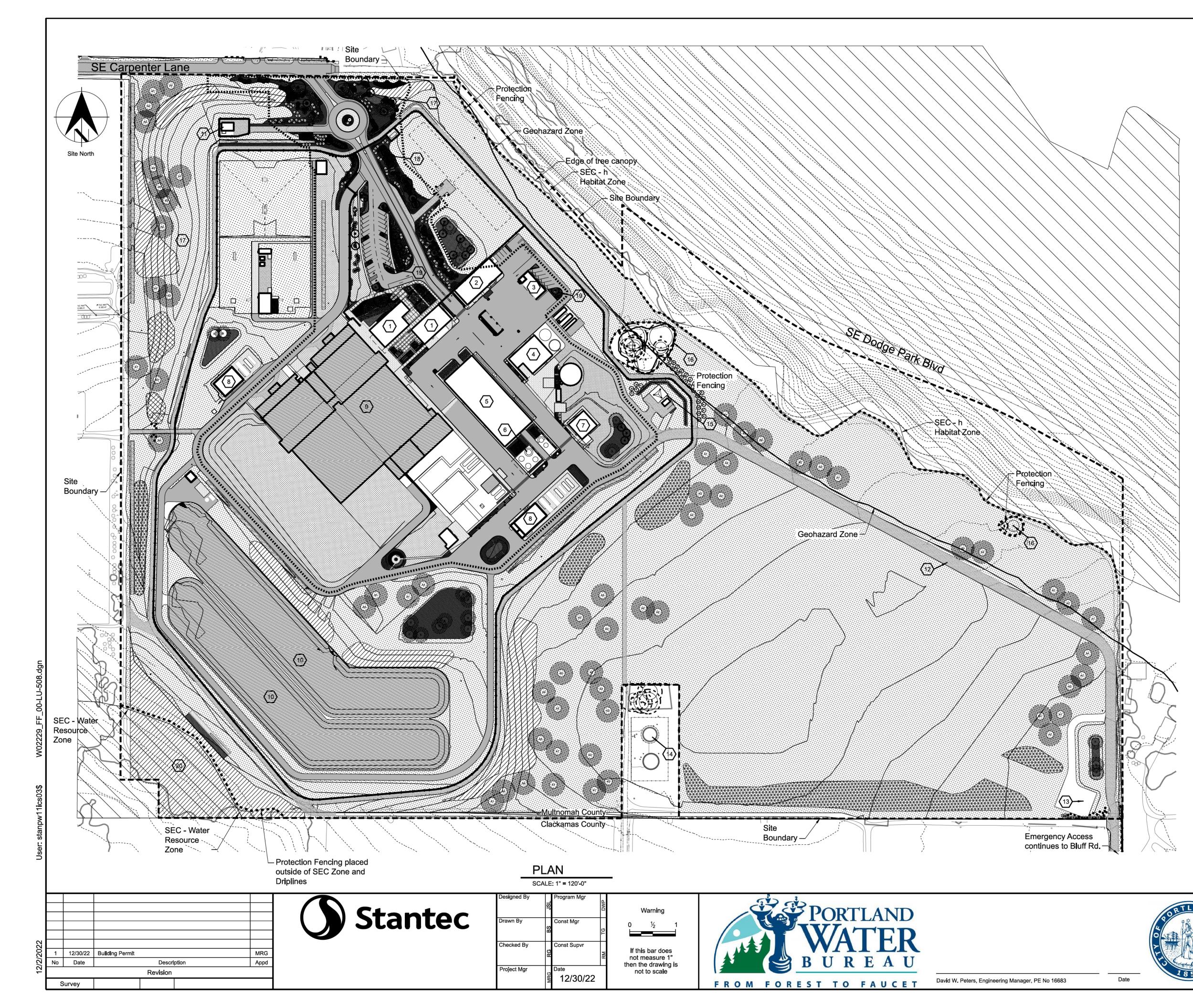


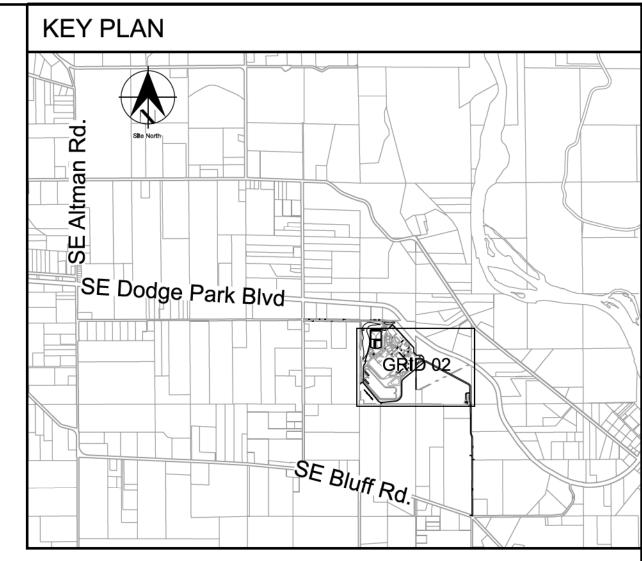
Bull Run Filtration Facility

**Civil** Erosion Control Grading Plan Filtration Facility









### Sheet Keynotes $\langle \rangle$

- 10. Overflow Basins

Planting Notes

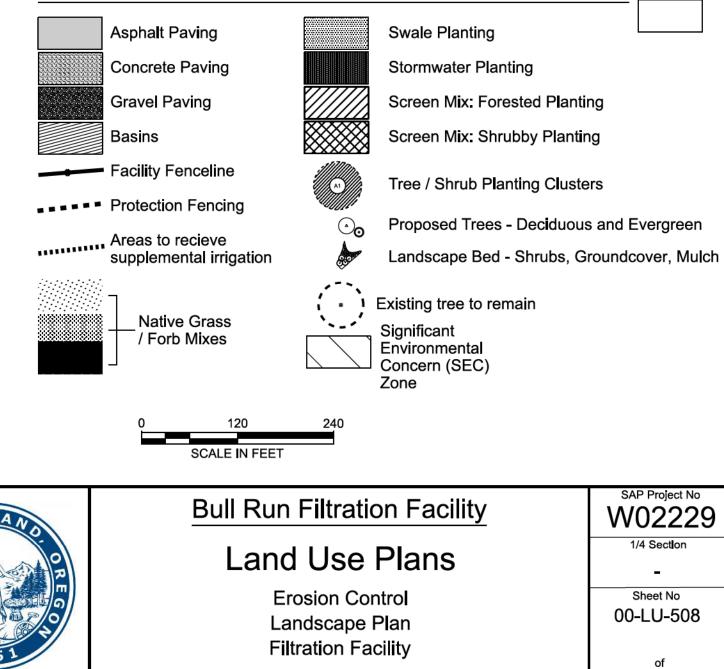
- 11. Pleasant Home Pumpstation

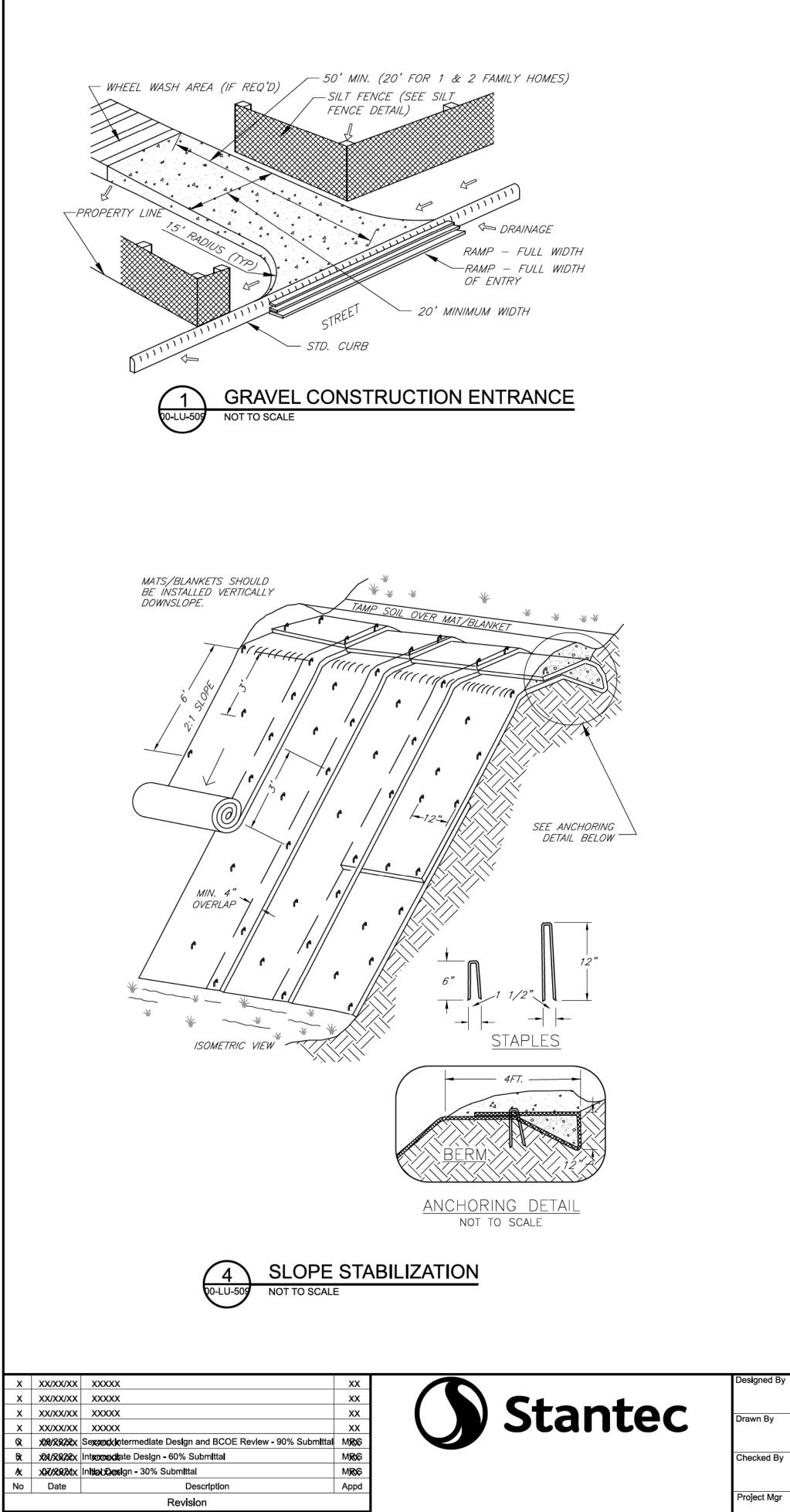
- Administration Building<br/>Maintenance Building12.Emergency Access RouteMaintenance Building13.Raw Water Pipeline Cover (At-Grade)General Storage Building14.Pleasant Home Water Towers (Off-Site)Mechanical Dewatering Bldg.15.Communication Tower Area (See Planting Note 1)Chemical Building16.Existing Trees to RemainChemical Storage Tanks17.Planted Berm for ScreeningWashwater Clarification18.Plantings at Facility Entry (See Planting Note 2)Electric Building19.Parking Area plantings (See Planting Note 3)Filtration Basins20.SEC Water Resource Area (See Planting Note 4)
- Communication Tower Area planting is designed to meet screening and parking requirements. See sheet LU-403 for enlargement and more detail on specific requirements.
- Plantings around facility buildings are of a more ornamental nature and are proposed as containerized plants which will have supplemental irrigation. See sheet LU-400,401 and 402 for enlargements to see plant sizes and locations in this area. Additional seeded areas shown within facility also may receive supplemental irrigation 2. as a fire risk mitigation measure. See outlined area.
- Parking Area plantings See sheets LU-400 and LU-402 for enlargements to see locations of parking islands with plant sizes to meet parking lot planting requirements and listed by Multnomah County. 3.
- SEC Water Resource Area This area is currently under agricultural use 4. and has bare soil. Proposed plans have no additional disturbance within this zone. Proposed plantings to be all native species installed with hand tools only.

### **General Sheet Notes**

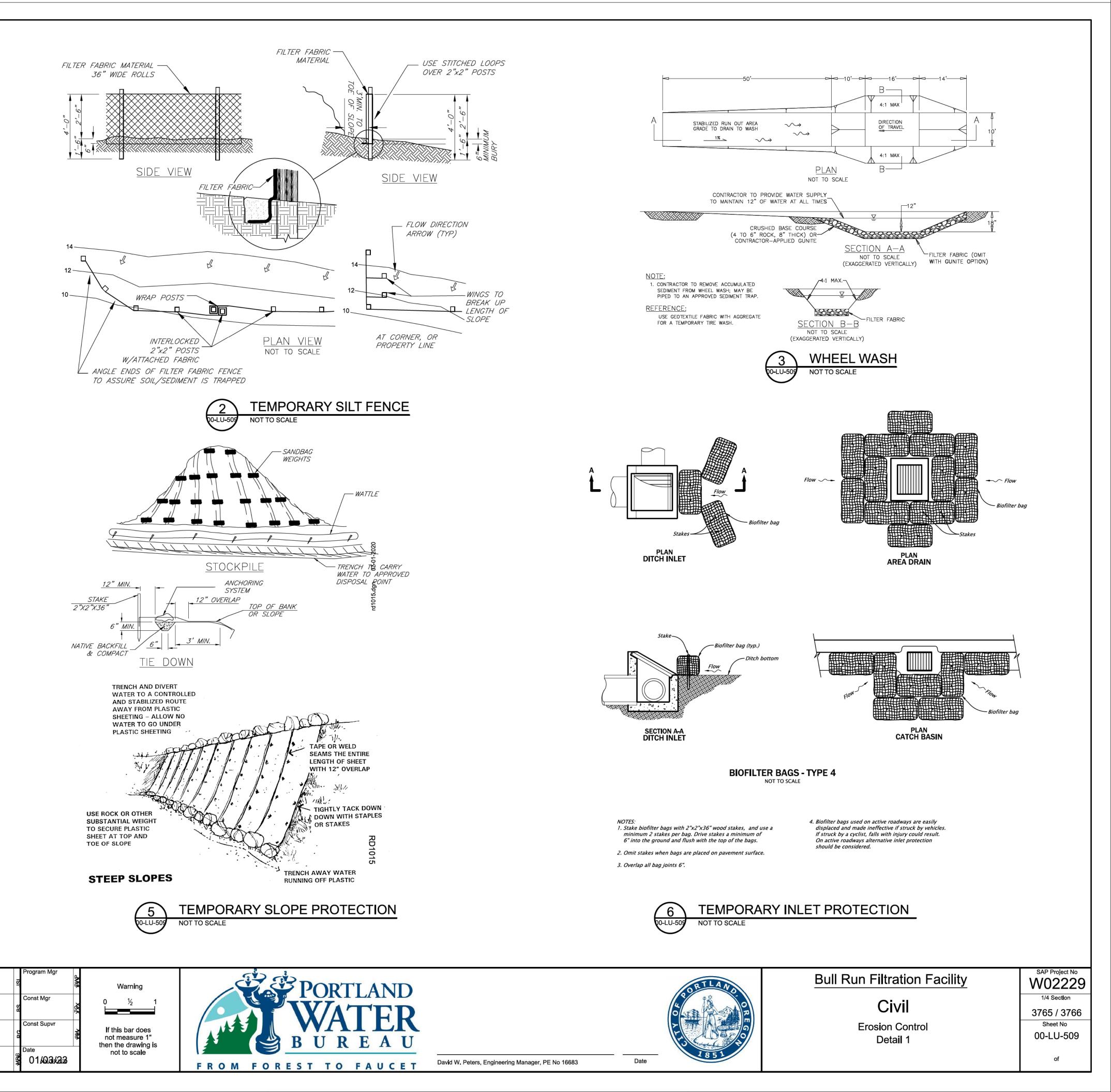
1. No development or construction activity proposed within SEC zones on Filtration Site. Native plantings only within these zones.

### Legend



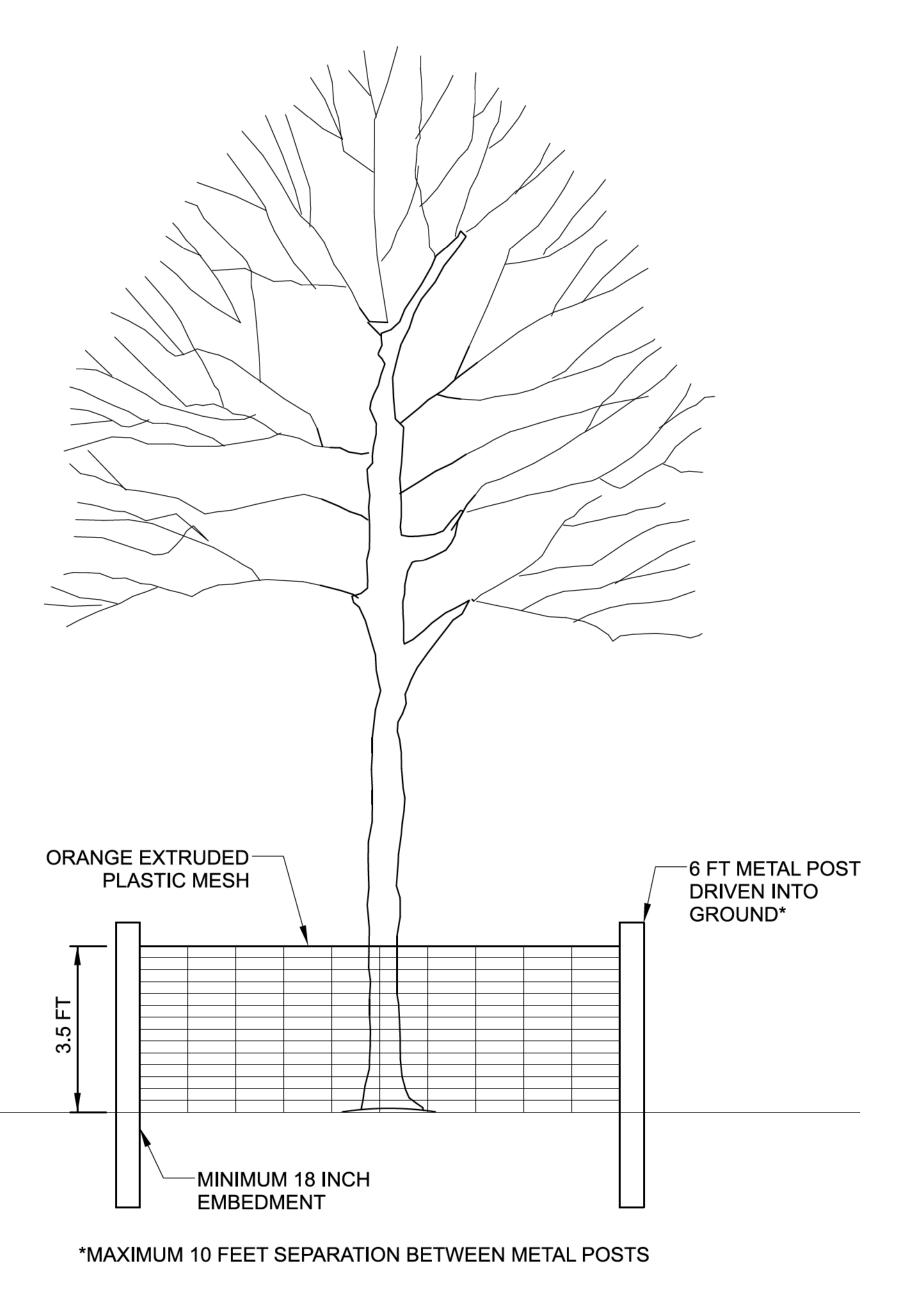


Survey

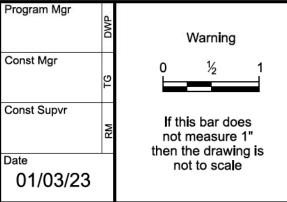


_	TREE PROTECTION NOTES	
1.	INSTALL TREE PROTECTION FENCING (TPF) PRIOR TO ANY GROUND DISTURBING ACTIVITY. INSPECTION AND APPROVAL OF FENCING BY THE URBAN FORESTRY TREE INSPECTOR IS REQUIRED PRIOR TO COMMENCEMENT OF WORK, INCLUDING EQUIPMENT AND MATERIALS STAGING AND MOBILIZATION	
2.	CALL (503) 823-TREE (8733) TO SCHEDULE THE TREE PROTECTION INSPECTION ONCE TPF IS INSTALLED	
3.	NO ENTRY IS ALLOWED INTO TREE PROTECTION AREAS FOR THE DURATION OF THE PROJECT UNLESS PERMITTED BY THE CITY FORESTER	
4.	TREE PROTECTION FENCING SHALL NOT BE MOVED, ALTERED OR REMOVED THROUGHOUT THE DURATION OF THE PROJECT	
5.	WHERE TREE ROOTS ARE ENCOUNTERED OR ANTICIPATED, EXCAVATION SHALL BE COMPLETED WITH HAND TOOLS CAREFULLY WITHOUT DAMAGE (I.E. VAC TRUCK, AIR SPADE, ETC)	
6.	TREE ROOTS OVER 2-INCH DIAMETER MAY NOT BE CUT OR DAMAGED WITHOUT A ROOT PRUNNING INSPECTION AND PERMIT ISSUED BY THE URBAN FORESTRY TREE INSPECTOR. CALL THE ASSIGNED TREE INSPECTOR OR 823-TREE (8733) FOR ROOT INSPECTION PERMITTING SPECIFIC TO THIS PROJECT	
	A. INSPECTION AND ISSUANCE OF A PERMIT MAY TAKE UP TO 48 HOURS	
	B. IF APPROVED, ROOTS MUST BE PROPERLY PRUNED USING APPROVED ARBORICULTURAL TECHNIQUES	
7.	FIELD ADJUSTMENTS OR ALTERNATIVE METHODS MAY BE NEEDED IF LARGE ROOTS ARE ENCOUNTERED. CONTACT THE ASSIGNED TREE INSPECTOR TO DISCUSS	
8.	TREES WITHIN THE LIMITS OF DISTURBANCE DESIGNATED TO BE PROTECTED WILL NOT BE REMOVED. CONTRACTOR IS DIRECTED TO COMPLETE CUT AND FILL OPERATIONS WITH CARE NEXT TO THESE TREES	
9.	MAINTAIN FENCING THROUGHOUT THE ENTIRE PROJECT. NO ACCESS IS PERMITTED WITHIN FENCED AREAS THROUGH THE DURATION OF THE PROJECT UNLESS OTHERWISE STATED IN THE TREE PROTECTION PLAN	
10.	THE ORANGE PLASTIC FENCE CAN BE USED AS CONSTRUCTION FENCE IN LIEU OF SILT FENCE IF GRADE IS MODERATE.	
	<b>Stantec</b>	Designed By
	09/2022 Second Intermediate Design and BCOE Review - 90% Submittal MRG	Drawn By
	01/2022     Intermediate Design - 60% Submittal     MRG       07/2021     Initial Design - 30% Submittal     MRG       Date     Description     Appd	Checked By
ON	Date     Description     Appd       Revision	Project Mgr

Survey

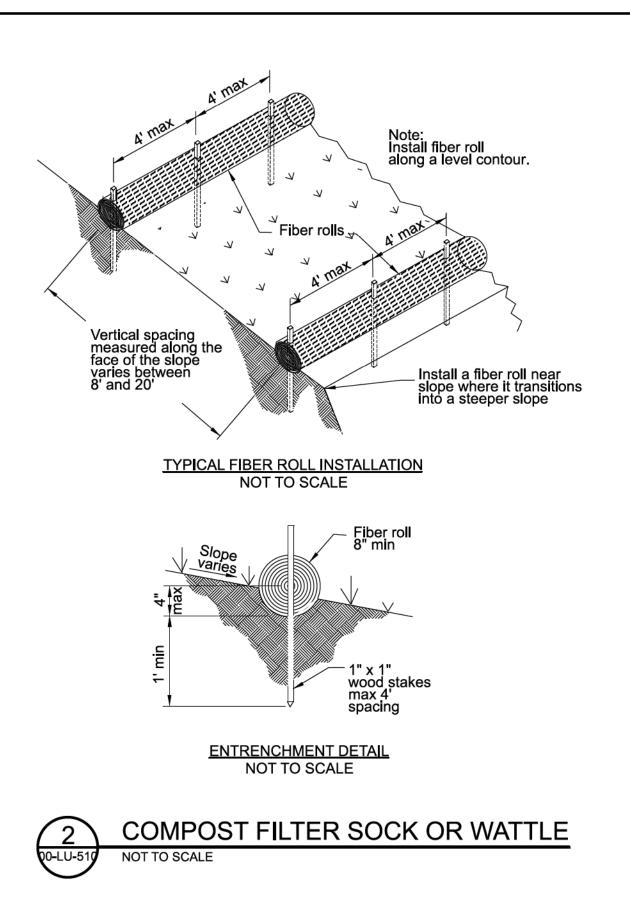








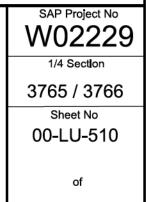
David W. Peters, Engineering Manager, PE No 16683

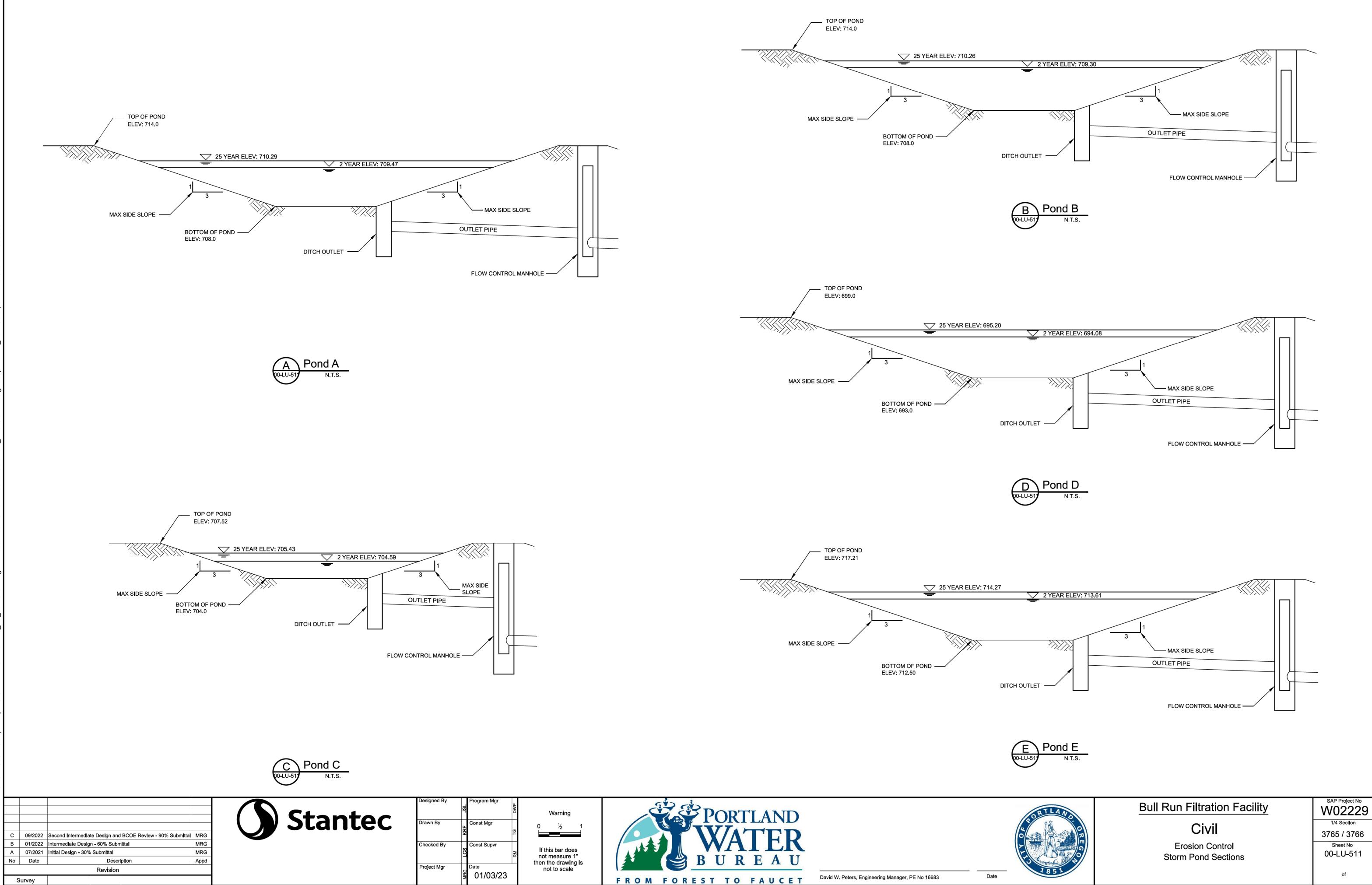


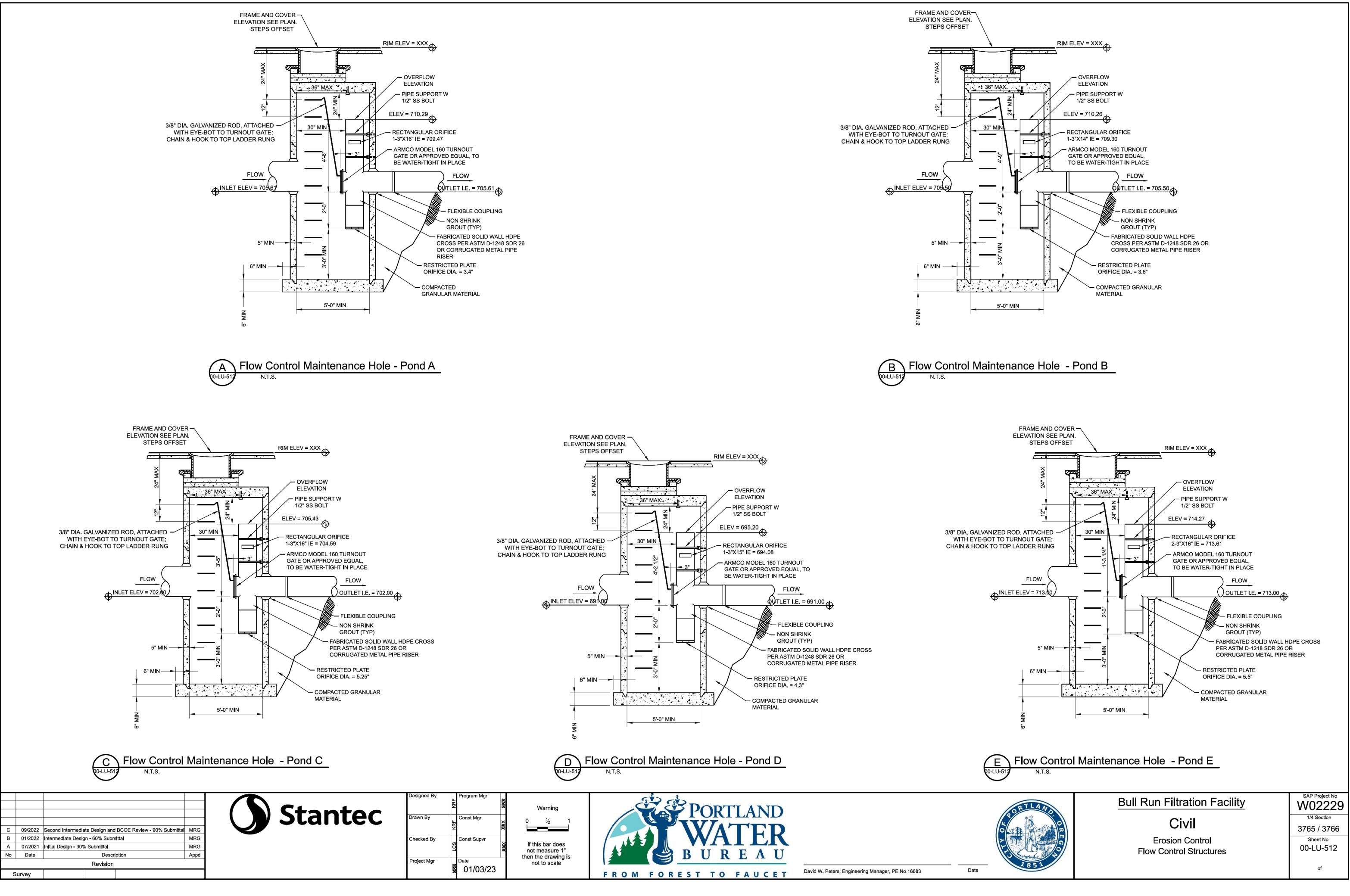


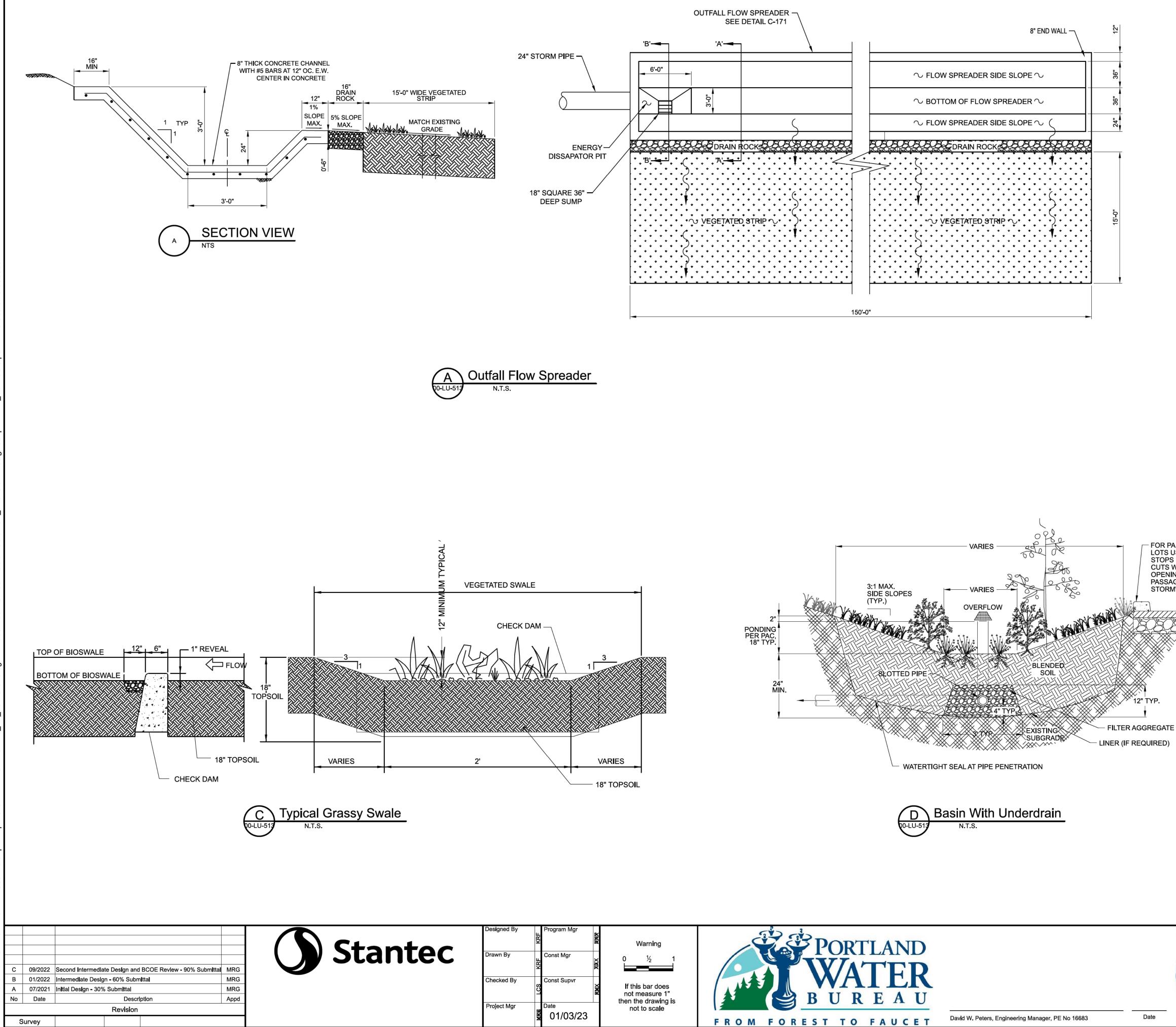
## Bull Run Filtration Facility

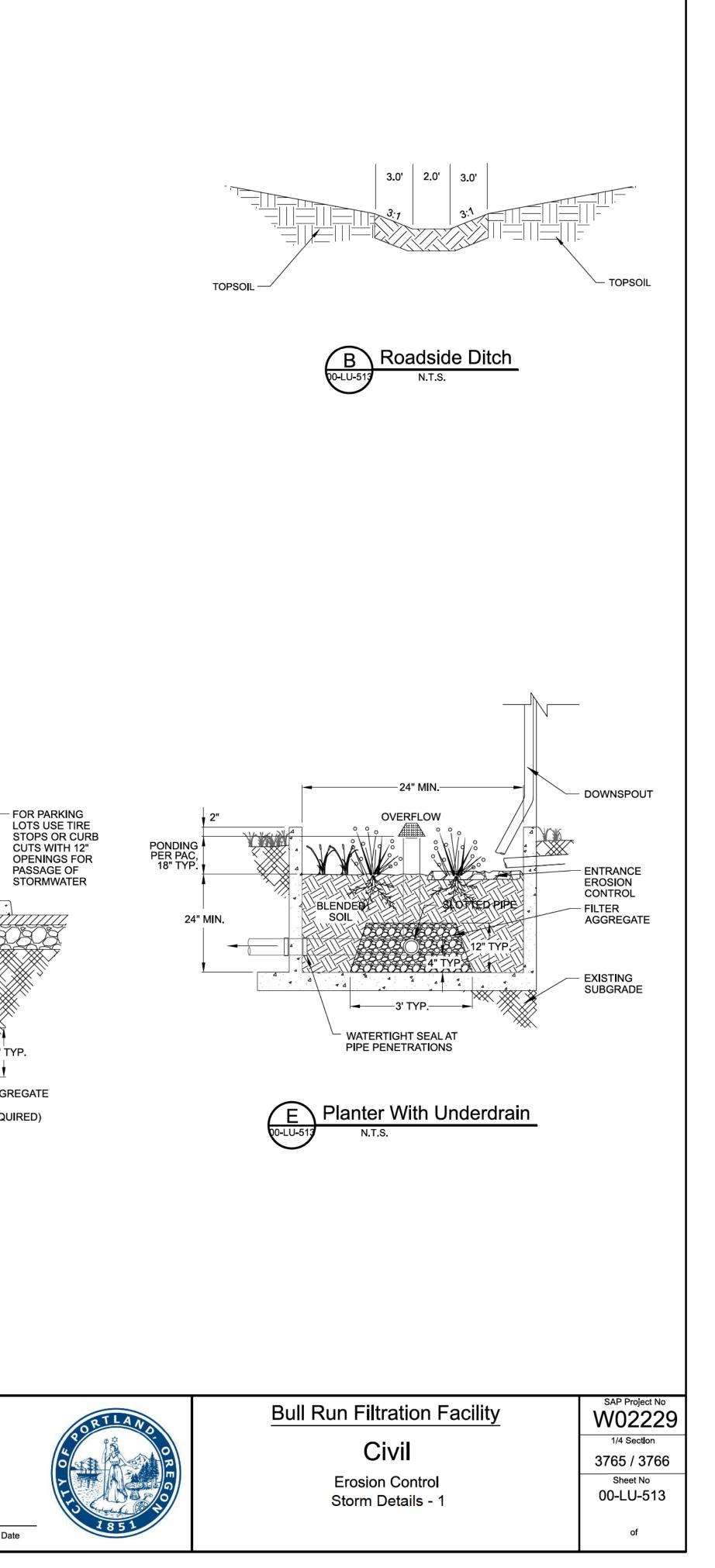
**Civil** Erosion Control Detail 2

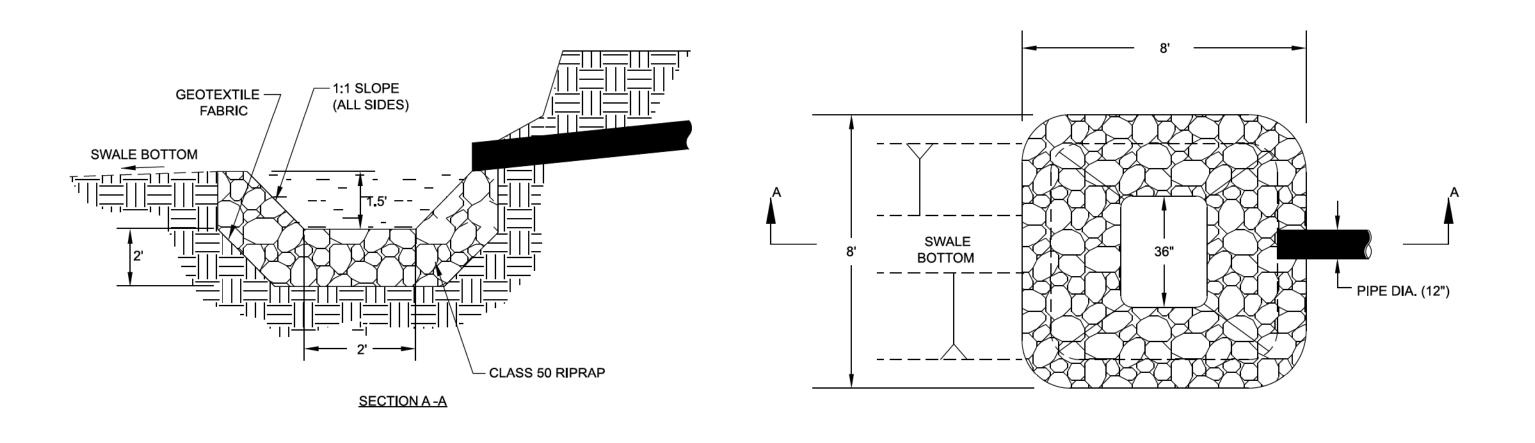




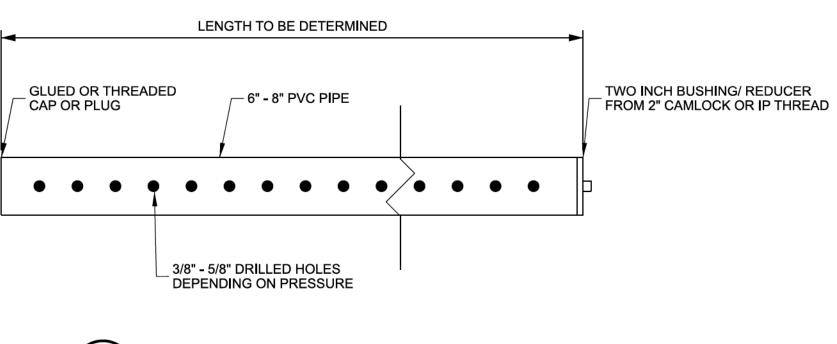




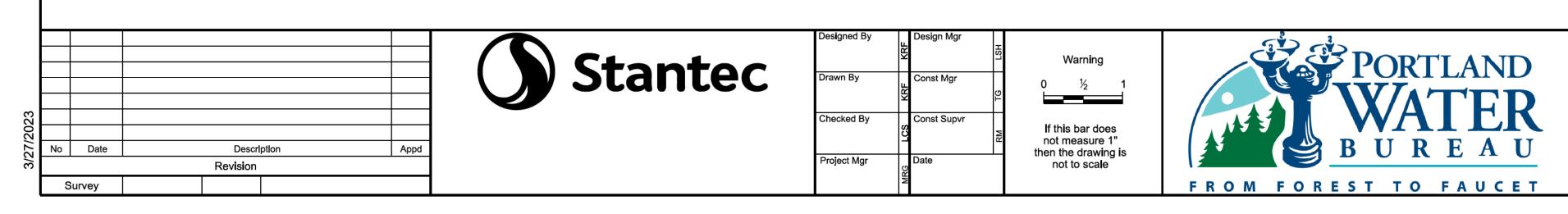














## Bull Run Filtration Facility

**Civil** Erosion Control Storm Details SAP Project No W02229 1/4 Section 3765 / 3766 Sheet No 00-LU-514 of