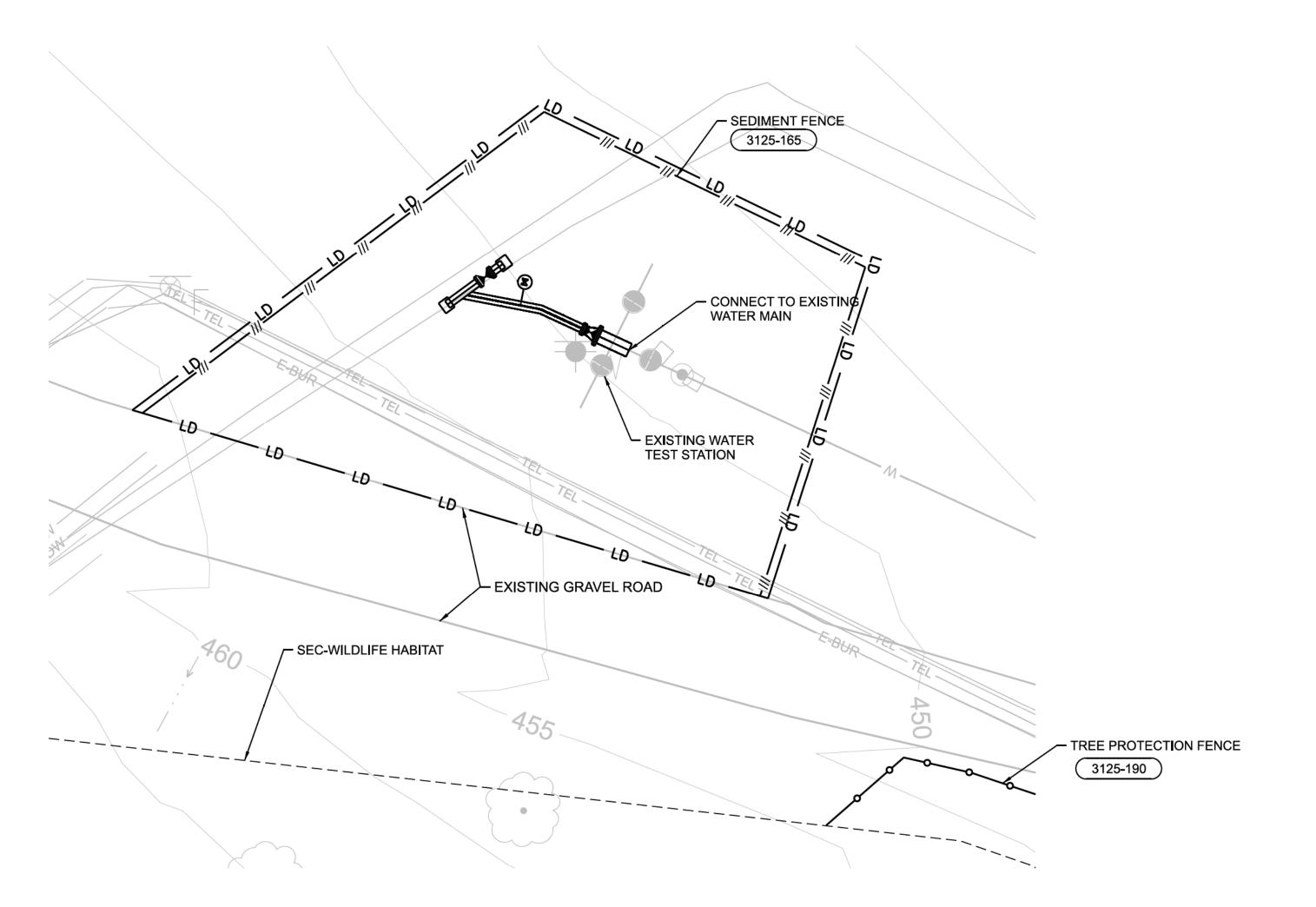


UTILITY WORK



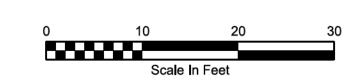
GENERAL SHEET NOTES

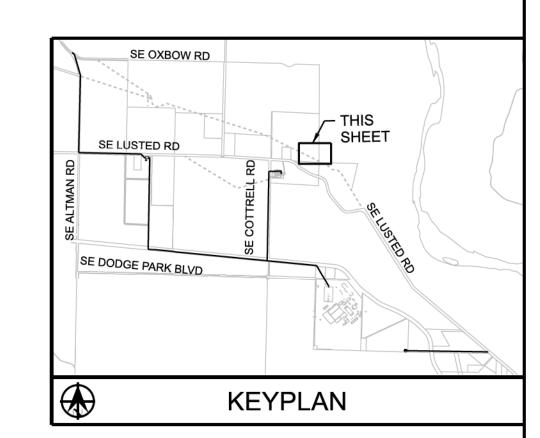
- 1. REFER TO EROSION AND SEDIMENT CONTROLS NOTES, SHEET ESC-004.
- PROTECT ALL EXISTING STRUCTURES AND TREES NOT SHOWN FOR DEMOLITION.
- REMOVE AND REPLACE ROADWAY PAVEMENT WITHIN LIMITS OF DISTURBANCE TO MATCH EXISTING LINE AND GRADE.
- 4. CONTRACTOR TO RE-GRADE DISTURBANCE AREA FROM PIPELINE CONSTRUCTION TO MATCH EXISTING GRADE, WHERE NOT OTHERWISE SHOWN ON DRAWINGS.
- ALL DISTURBANCE AREA NOT RECEIVING PAVEMENT OR GRAVEL, UNLESS OTHERWISE SHOWN, SHALL BE RESTORED WITH GRASS SEEDING, SLOPES STEEPER THAN 3:1 SHALL BE RESTORED WITH GRASS SEEDING AND PERMANENT EROSION CONTROL BLANKETS AS SPECIFIED AND PER DETAIL 3125-152, SHEET ESC-201.
- 6. CONTOURS DISPLAYED AND LABELED EVERY 5FT.

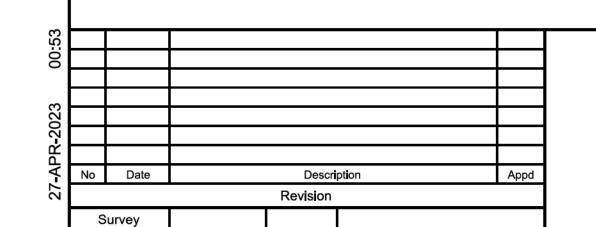
LEGEND

	SIGNIFICANT ENVIRONMENTAL CONCERN (SEC)
VV	EXISTING WATER LINE
TEL	EXISTING TELEPHONE LINE
E-BUR	EXISTING BURIED POWER
——— DW ——	EXISTING UTILITY CHEMICAL
500'	EXISTING CONTOUR
→ · · · ·	EXISTING DITCH
	EXISTING TREE
0	TREE PROTECTION FENCE
(XXXX-XXX)	STANDARD DETAIL CALLOUT



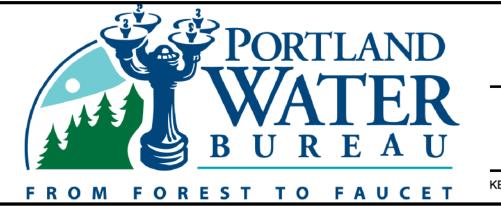


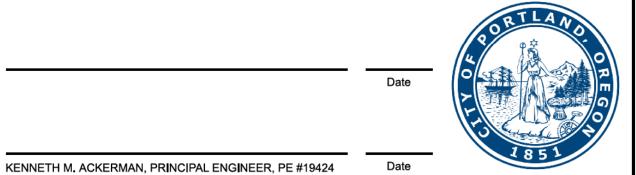




Designed By	RG	Program Mgr	XXX
Drawn By	JL	Const Mgr	XXX
Checked By	RG	Const Supvr	XXX
Project Mgr	X	Date 04/27/2023	







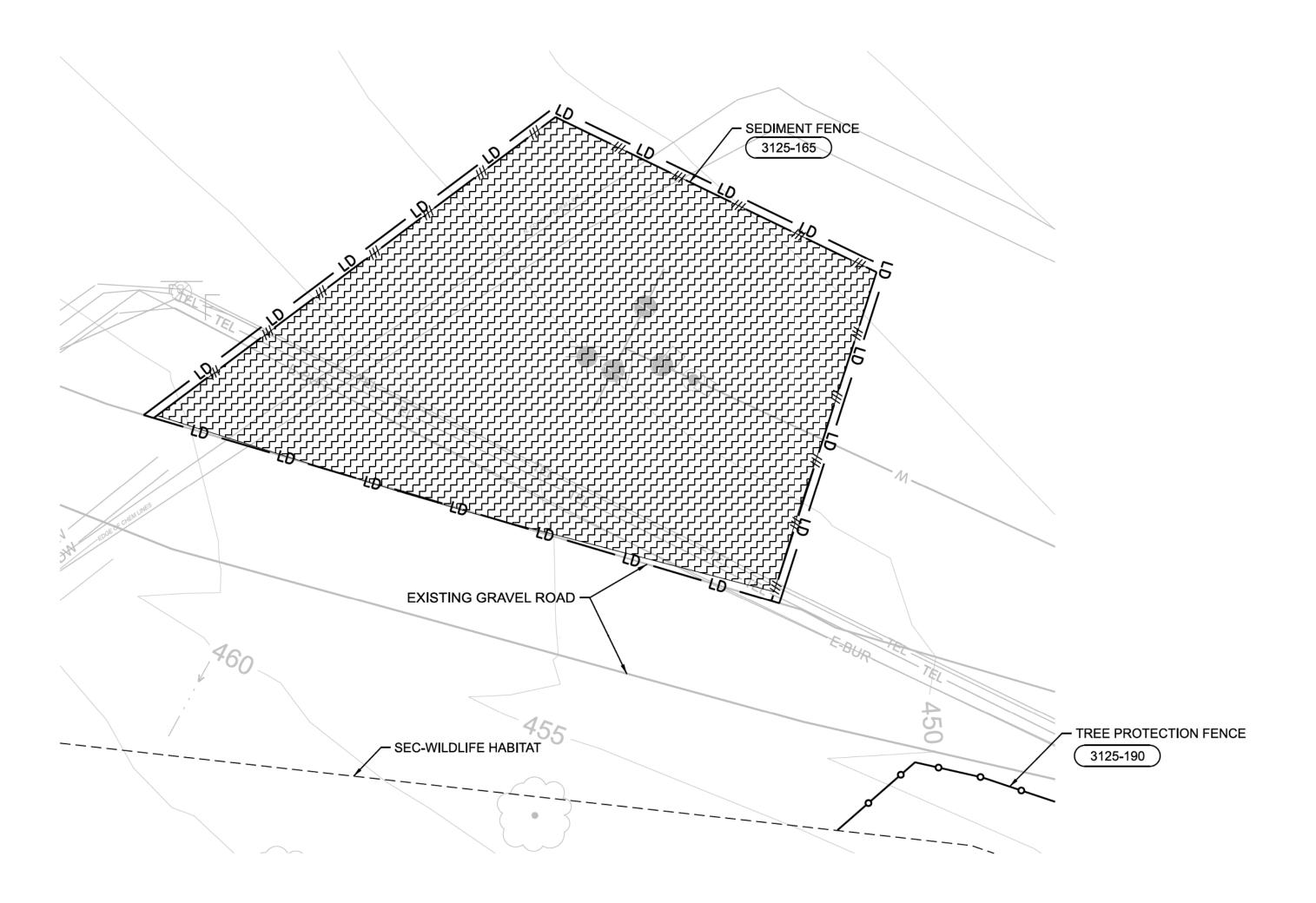
Bull Run Filtration Pipelines
FINISHED WATER PIPELINES
EROSION AND SED CONTROL
UTILITY WORK
GRID 16

SAP Project No W02563

1/4 Section
3664 / 3764

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FINAL STABILIZATION



GENERAL SHEET NOTES

- . REFER TO EROSION AND SEDIMENT CONTROLS NOTES, SHEET ESC-004.
- 2. PROTECT ALL EXISTING STRUCTURES AND TREES NOT SHOWN FOR DEMOLITION.
- B. REMOVE AND REPLACE ROADWAY PAVEMENT WITHIN LIMITS OF DISTURBANCE TO MATCH EXISTING LINE AND GRADE.
- 4. CONTRACTOR TO RE-GRADE DISTURBANCE AREA FROM PIPELINE CONSTRUCTION TO MATCH EXISTING GRADE, WHERE NOT OTHERWISE SHOWN ON DRAWINGS.
- 5. ALL DISTURBANCE AREA NOT RECEIVING PAVEMENT OR GRAVEL, UNLESS OTHERWISE SHOWN, SHALL BE RESTORED WITH GRASS SEEDING, SLOPES STEEPER THAN 3:1 SHALL BE RESTORED WITH GRASS SEEDING AND PERMANENT EROSION CONTROL BLANKETS AS SPECIFIED AND PER DETAIL 3125-152, SHEET ESC-201.
- 6. UPON PROJECT COMPLETION REMOVE GRAVEL SURFACING FROM ALL STAGING AREAS AND RESTORE TOPSOIL AND SEED.
- REMOVE SEDIMENT FENCE AND TREE PROTECTION FENCE UPON FINAL SITE STABILIZATION.
- . CONTOURS DISPLAYED AND LABELED EVERY 5FT.
- 9. PERMANENT SEED MIXES SHOWN ON ESC-002 AND ESC-004.

LEGEND

(xxxx-xxx)

SIGNIFICANT ENVIRONMENTAL CONCERN (SEC)

W EXISTING WATER LINE

EXISTING TELEPHONE LINE

E-BUR EXISTING BURIED POWER

EXISTING UTILITY CHEMICAL

EXISTING CONTOUR

EXISTING DITCH

EXISTING TREE

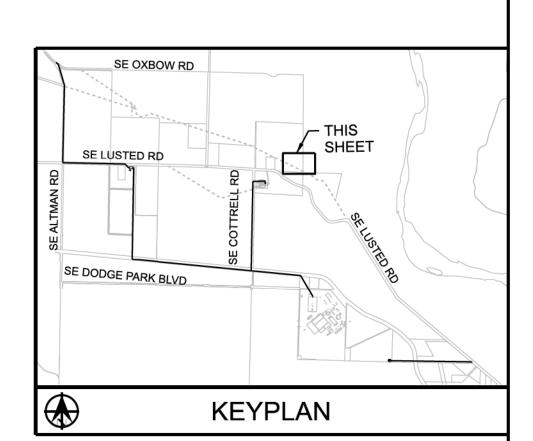
TREE PROTECTION FENCE

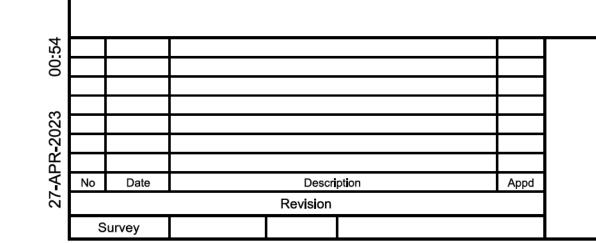


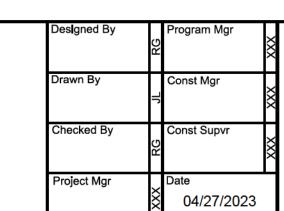


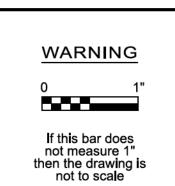
STANDARD DETAIL CALLOUT

SEC SEEDING

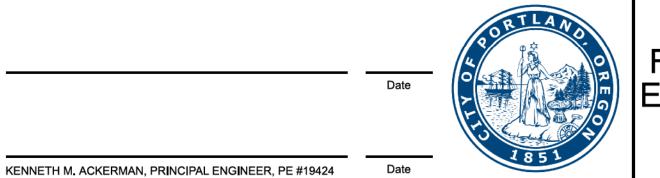












Bull Run Filtration Pipelines

FINISHED WATER PIPELINES

EROSION AND SED CONTROL

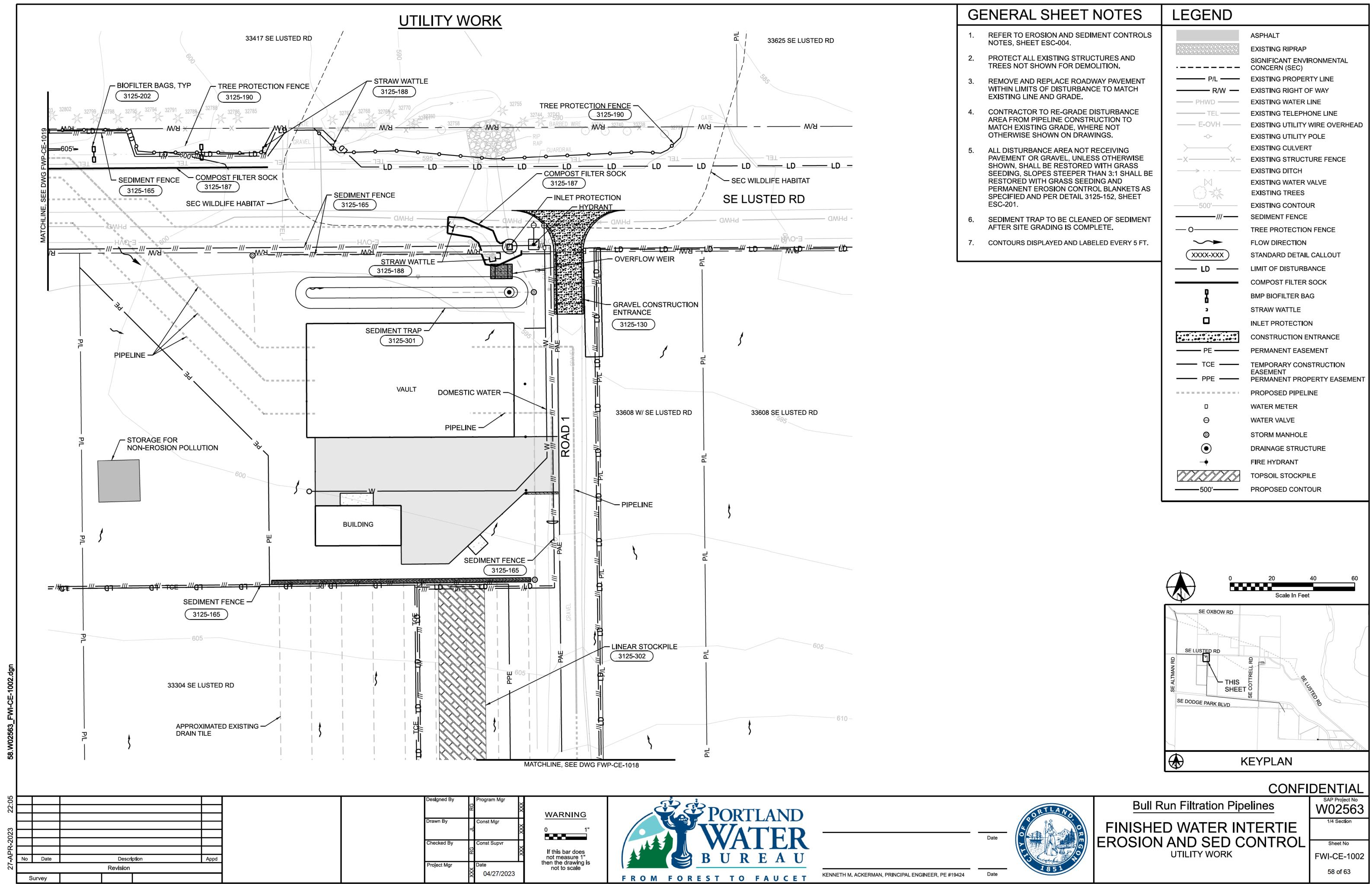
FINAL STABILIZATION AND LANDSCAPE

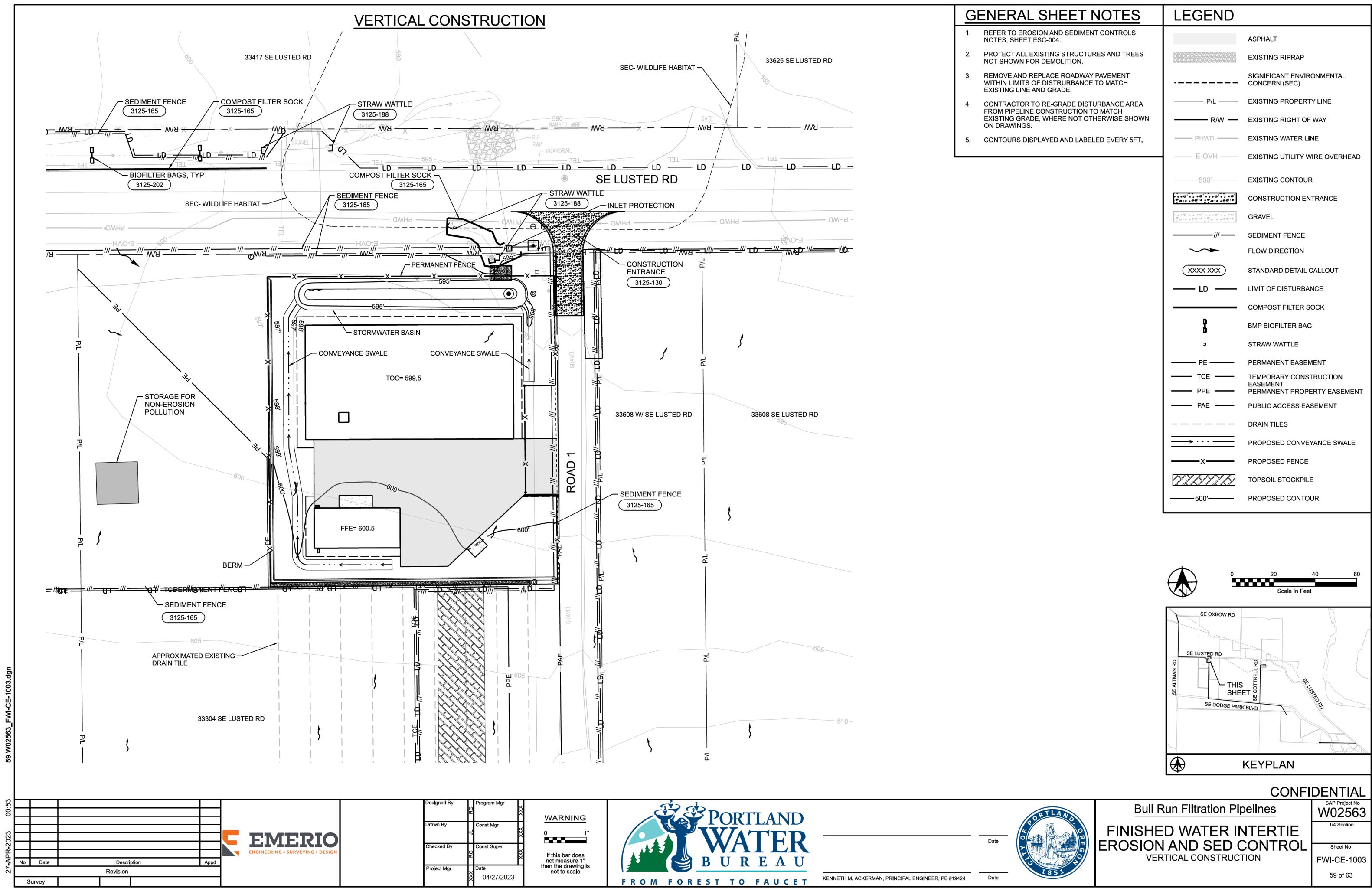
GRID 16

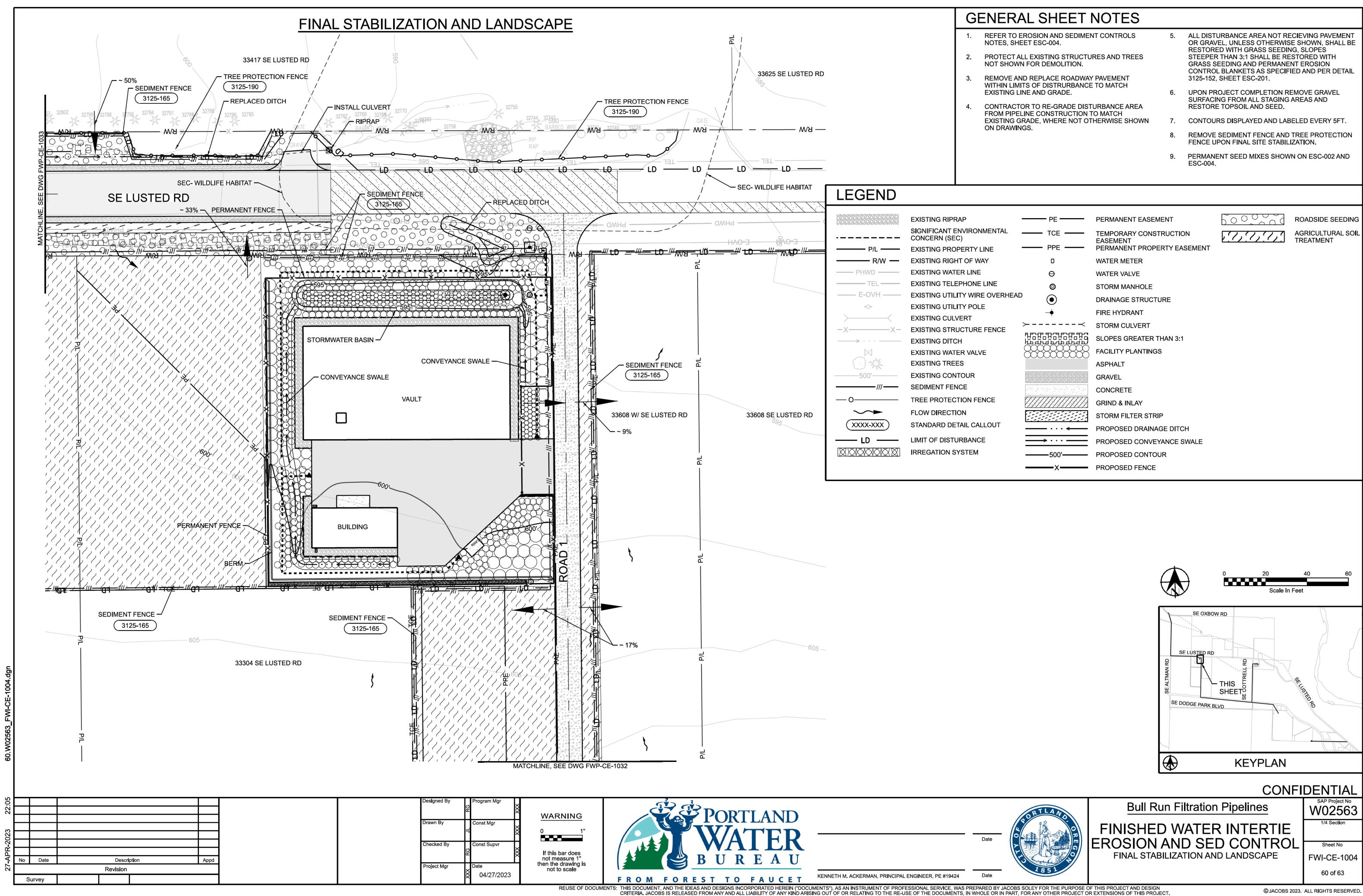
W02563
1/4 Section
3664 / 3764
Sheet No

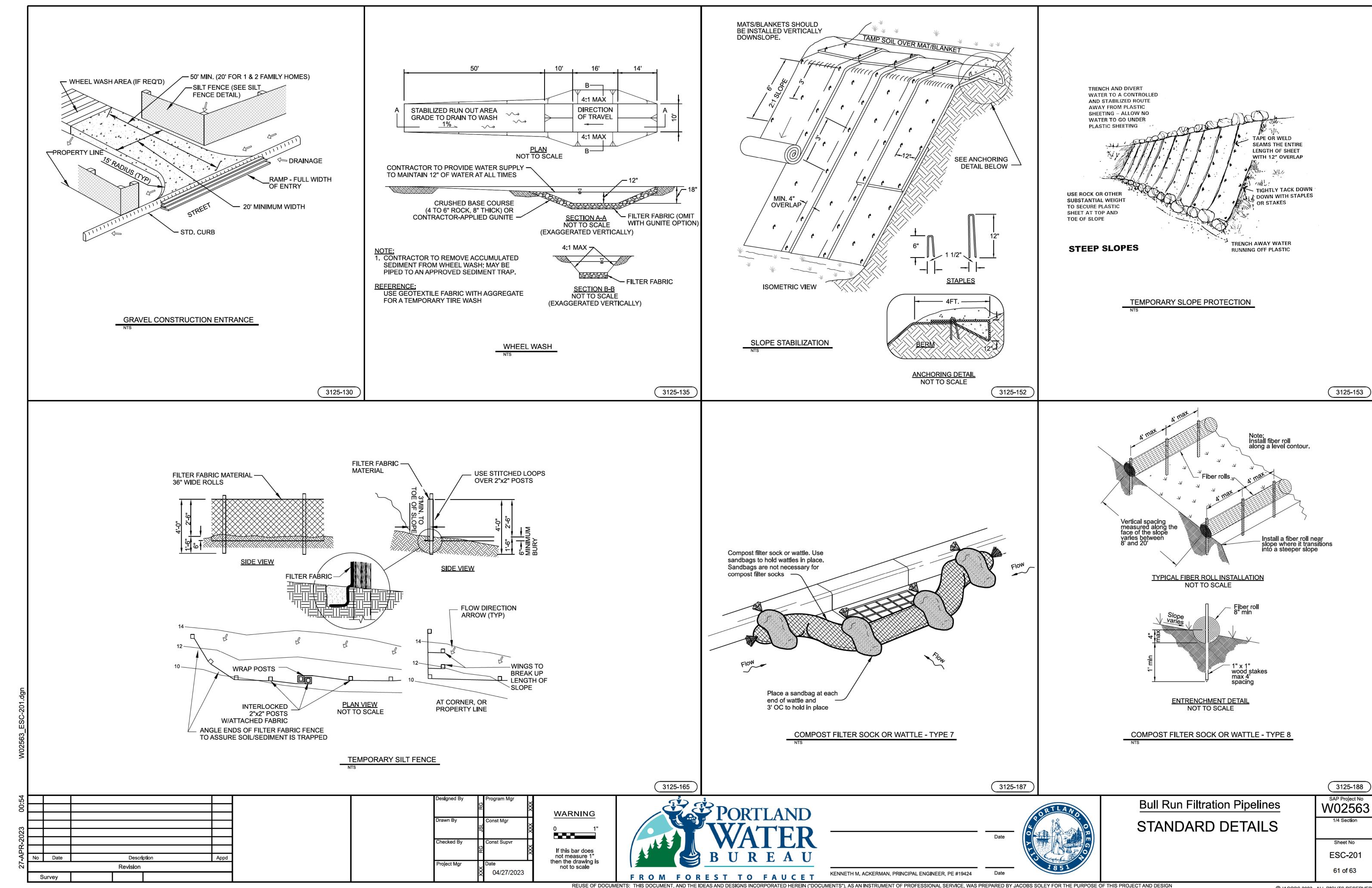
FWP-CE-1041

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2. CALL 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 URBAN FORESTRY TREE INSPECTOR

4. TREE PROTECTION FENCING SHALL NOT BE MOVED, ALTERED OR REMOVED THROUGHOUT THE DURATION OF THE PROJECT

 WHERE TREE ROOTS ARE ENCOUNTERED OR ANTICIPATED, EXCAVATION SHALL BE COMPLETED WITH HAND TOOLS CAREFULLY WITHOUT DAMAGE (I.E. VAC TRUCK, AIR SPADE, ETC)

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

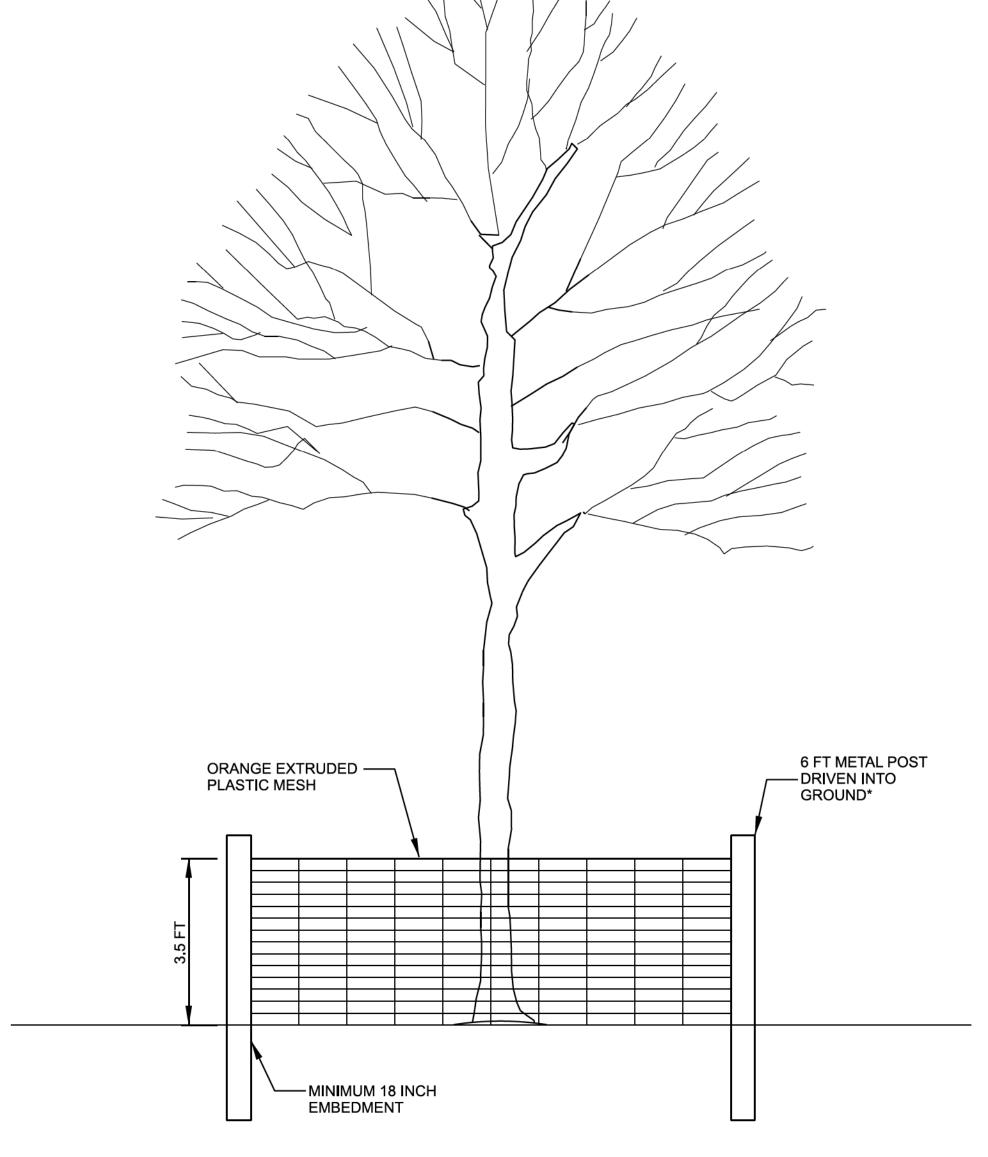
B. IF APPROVED, ROOTS MUST BE PROPERLY PRUNED USING APPROVED ARBORICULTURAL TECHNIQUES

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

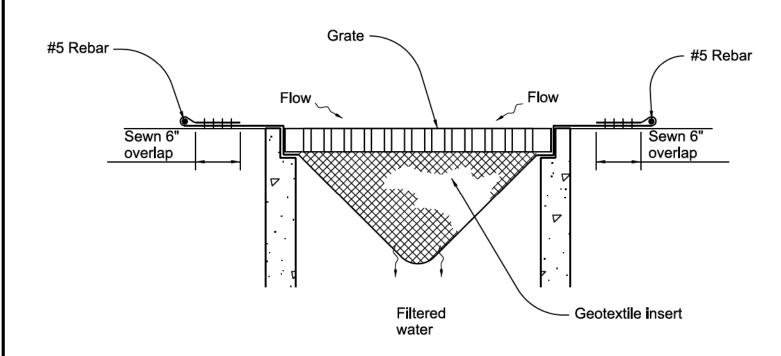
9. MAINTAIN FENCING THROUGHOUT THE ENTIRE PROJECT. NO ACCESS IS PERMITTED WITHIN FENCED AREAS THROUGH THE DURATION OF THE PROJECT UNLESS OTHERWISE STATED IN THE TREE PROTECTION PLAN

10. THE ORANGE PLASTIC FENCE CAN BE USED AS CONSTRUCTION FENCE IN LIEU OF SILT FENCE IF GRADE IS MODERATE.



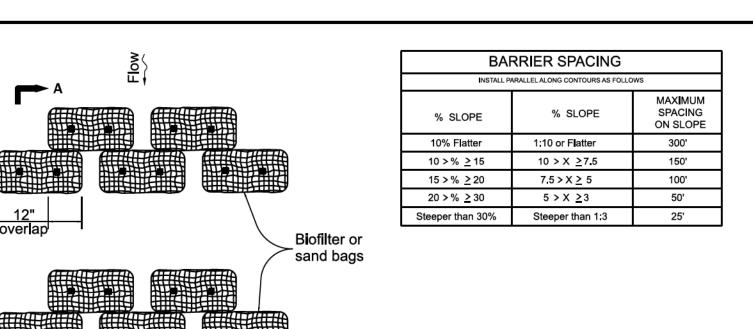
*MAXIMUM 10 FEET SEPARATION BETWEEN METAL POSTS

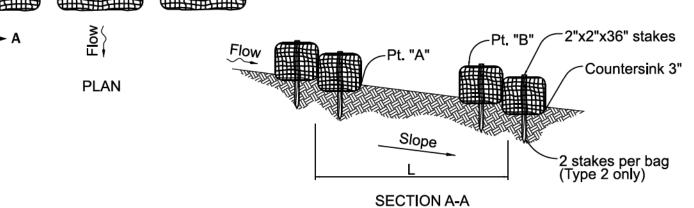
TREE PROTECTION FENCE



PREFABRICATED FILTER INSERT - TYPE 3

3125-201





3:

 For Type 2 barrier, drive stakes flush with top of bag and into undisturbed ground a min. of 12". Omit stakes if bags are placed on paved surface.

For Type 2 and Type 4 barriers, space bags (L) so that the elevation of point "A" is less than or equal to the elevation of point "B".

Type 2 - Biofilter bags Type 3 - Wattles Type 4 - Sand bags

BIOFILTER BAG / SAND BAG BARRIER - TYPE 2 AND 4

3125-202

3125-190

Program Mgr

WARNING

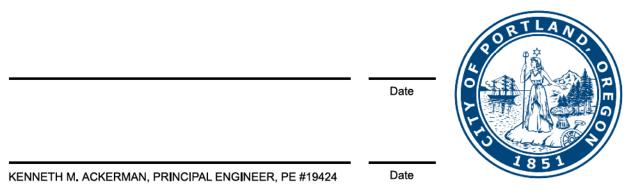
Const Mgr

0 1"

Const Supvr

If this bar does not measure 1" then the drawing is not to scale





Bull Run Filtration Pipelines
STANDARD DETAILS

SAP Project No W02563

1/4 Section

Sheet No ESC-202

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