



Technical Memorandum

Subject: Filtration Facility Land Use Application Pipeline Drawings **A.3 SEC Drawings**

PWB Project #s: W02229

Date: January 10, 2023

To: Dan Hogan, P.E., Project Manager
Portland Water Bureau

From: Brad Phelps, P.E., Project Manager
Jacobs



EXPIRES: 12/31/2024

Jacobs

The drawings attached to this technical memorandum (TM) were prepared in support of the City of Portland Water Bureau’s Bull Run Facility Pipelines land use applications in Multnomah County. These drawings were prepared under the direction of a registered professional engineer. These drawings reflect the current status of the Facility Pipelines design, which is approximately 60% complete as of the date of this TM and are considered preliminary and are not for final construction. The drawings are subject to change have been prepared and compiled for the specific purpose of addressing conformance of the project to Multnomah County land use requirements as expressed in the Multnomah County Code.

The contents of each set of drawings are listed in the table below.

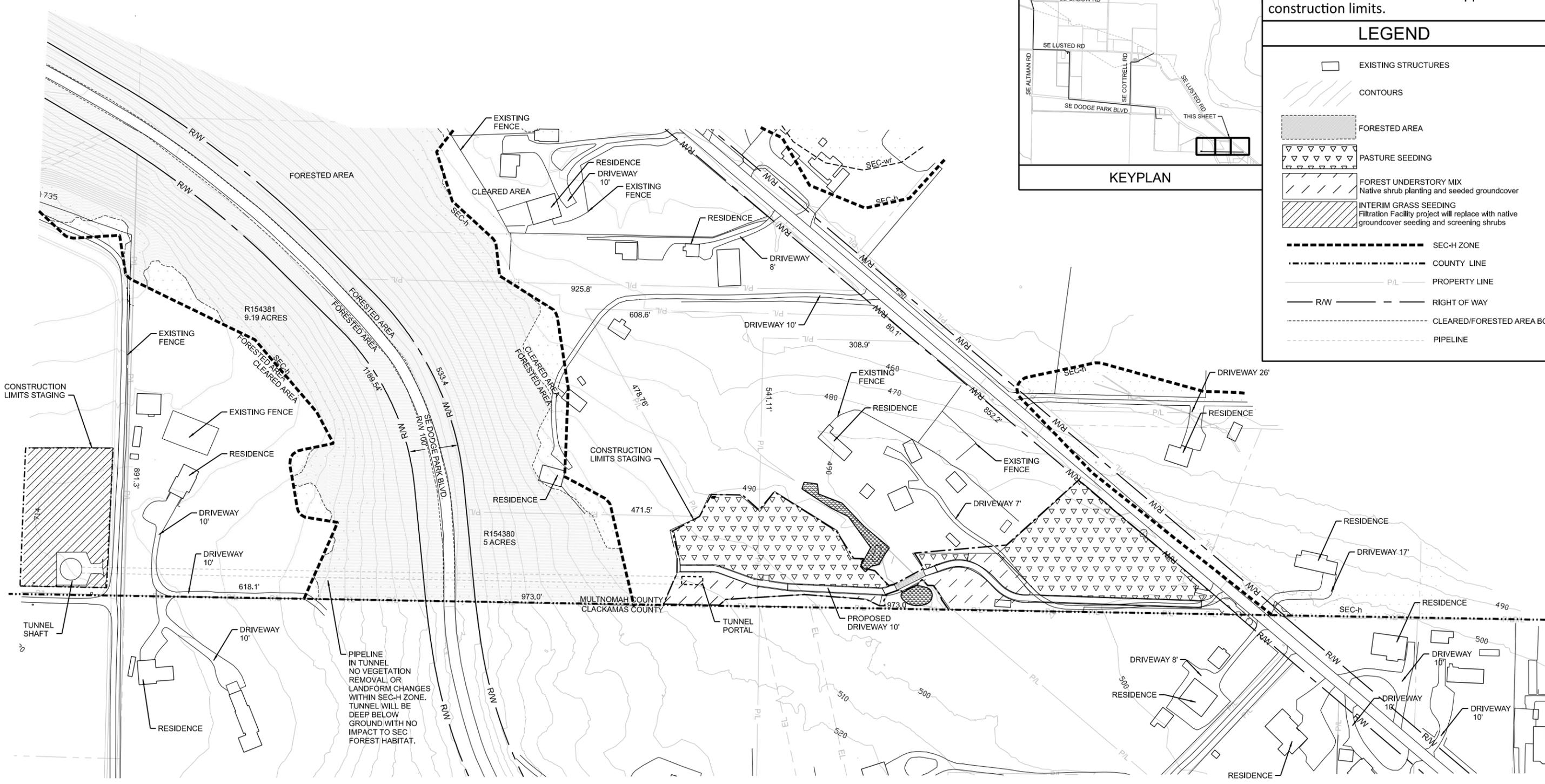
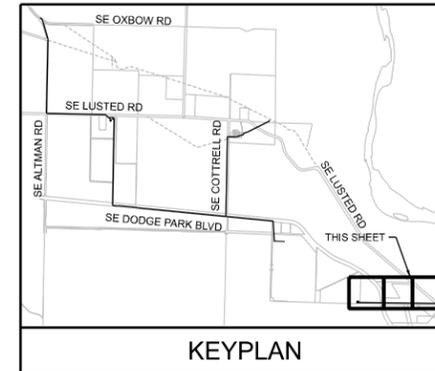
Appendix A.3, SEC Drawings		
Drawing Number	Drawing Name	Description
LU-000	COVER SHEET	COVER SHEET
LU-600	SEC RW-01 SEC-H TUNNEL PLAN GRID 2, GRID 3	SEC-H TUNNEL PLAN
LU-601	SEC RW-01 AREA SEC-H RAW WATER PIPELINES PLAN GRID 1, GRID 2, GRID 3	SEC-H RAW WATER PIPELINES PLAN
LU-602	SEC LH-01 SEC-H LUSTED HILL PLAN GRID 15, GRID 16	SEC-H LUSTED HILL PLAN
LU-603	SEC LH-01 AREA SEC-H LUSTED HILL PLAN GRID 15, GRID 16	SEC-H LUSTED HILL PLAN

GENERAL SHEET NOTES

1. No proposed tree removal, fill or grading within SEC-h zone. Tunnel will be deep below ground with no impact to SEC forest habitat.
2. Predominant Species in SEC area: Douglas Fir (*Pseudotsuga menziesii*), Western Red Cedar (*Thuja plicata*), Red alder (*Alnus rubra*), with Sword Fern (*Polystichum munitum*) in the understory.
3. Strict erosion control BMP's applied within construction limits.

LEGEND

- EXISTING STRUCTURES
- CONTOURS
- FORESTED AREA
- PASTURE SEEDING
- FOREST UNDERSTORY MIX
Native shrub planting and seeded groundcover
- INTERIM GRASS SEEDING
Filtration Facility project will replace with native groundcover seeding and screening shrubs
- SEC-H ZONE
- COUNTY LINE
- P/L PROPERTY LINE
- R/W RIGHT OF WAY
- CLEARED/FORESTED AREA BOUNDARY
- PIPELINE



PIPELINE IN TUNNEL NO VEGETATION REMOVAL, OR LANDFORM CHANGES WITHIN SEC-H ZONE. TUNNEL WILL BE DEEP BELOW GROUND WITH NO IMPACT TO SEC FOREST HABITAT.

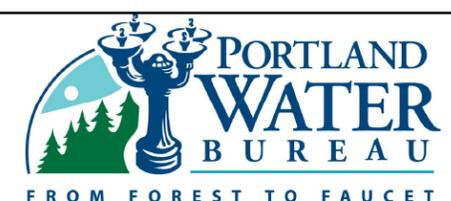
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No	Date	Description	Appd
Revisions			
Survey			

**PRELIMINARY
NOT FOR
CONSTRUCTION**

Designed By	DG	Program Mgr	XXX
Drawn By	CMD	Const Mgr	XXX
Checked By	BN	Const Supvr	XXX
Project Mgr		Date	6/30/22

WARNING
0 1"
If this bar does not measure 1" then the drawing is not to scale



		Date	
		Date	



Bull Run Filtration Pipelines
SEC RW-01 AREA
SEC-H RAW WATER PIPELINES PLAN
GRID 1, GRID 2, GRID 3

SAP Project No	W02563
1/4 Section	
Sheet No	LU-601

