

Pre-Operations Report

Operation Name: Thinnables
County (%): Tillamook (71%), Washington (29%)
Elevation: 1,430 - 2,218 ft
Legal Description: T3N R5W, Sections 19, 30; T3N, R6W, Sections 26, 27, 28

Tax Code(s): 5601
BOF%: 100 **CSL%:** 0
Sale Quarter: 3rd

I. VOLUME AND VALUE SUMMARY

Table 1. Types, Acres, and Value

Unit	Harvest Type	Anticipated Product ^c	Gross Acres	Net Acres	MBF/Acre ^a	MBF/Unit ^a	\$/MBF ^b	\$/Unit
1	PC	DF-S	103	82	7.0	574	\$345	\$198,030
2	PC	DF-S	31	22	7.0	154	\$345	\$53,130
3	PC	DF-S	35	33	9.0	297	\$345	\$102,465
Total		Regeneration				1,025		
		Partial Cut	169	137				
							Gross Value	\$353,625
a. Estimated harvest volume per acre for Unit.							Project Costs	\$88,200
b. Estimated 'price' (excluding Project Costs)							Net Value	\$265,425
c. Anticipated Product (AA-B-C) – AA) SLI species code of the bid species, B) Size Class (S – small [average DBH < 15], M – medium [average DBH 15 to 23], L – large (average DBH > 23]), C) Special Product (P – Premium, H – Hardwood)								

II. CURRENT STAND CONDITION:

Table 2. Stand Inventory Information

Unit	Stand ID	Measured/Imputed ^a	Species	Age	TPA	DBH	BA	SDI	Net Acres ^b
1	7425	M	DF, RA	37	277	11	193	56%	82
2	7454	M	DF, RA	39	275	12	206	59%	22
3	7353	I = 7889	DF, RA	44	240	13	223	36%	29
3	8812	I = 8164	DF, RA	42	85	20	190	44%	4

- Identify the source of stand inventory information. Use the following codes: M = Measured SLI data, I = Imputed SLI data, P = Pre-Cruise Plots, O = other (if other, describe below).
- Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total "Net Acres" per unit in this table may not equal the total "Net Acres" per unit in table 1.

- These planted stands have no record of pre-commercial or commercial thinning.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/Acre ^a	Down Wood/Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
1	7425	0	901			
2	7454	4	888			
3	7353	4	180		X	
3	8812	6	100		X	

- Identify the number of hard snags per acre (decay classes 1 and 2)
- Identify the cubic feet per acre of hard down wood (decay classes 1 and 2)
- Describe "Other" forest health issue.

III. WILDLIFE AND T&E SPECIES CONSIDERATIONS:

Foresters need to request the Biological Survey Tracking Form (BSTF) from the ODF Wildlife Biologist prior to sale layout in order to ensure all T&E related information is complete and understood.

1. A portion of the operation is within (Check all that apply):
 - TAS NSO Circle or Home Range, or Baseline or Elevated Baseline Thiessen (BA required)
 - MMMA (BA required) None
2. Are Surveys for NSO being conducted for any portion of this operation?
 - No Density Surveys Operational Surveys Combination (Density/Operational)
3. Are Surveys for MM being conducted for any portion of this operation?
 - Yes (in progress/completed) No (Not habitat) N/A (outside of MM survey zone)

Notes: Units 1 & 2 do not require surveys. Unit 3 has a survey waiver with restrictions.

4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant)?
 - No Yes, please describe:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future ^b	Net Acres ^a	Inside of HCA Acres
1	7425	UDS	GEN	82	82
2	7454	UDS	LYR	22	22
3	7353	UDS	GEN	29	29
3	7353	UDS	LYR	4	4

- a. Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total “Net Acres” per unit in this table may not equal the total “Net Acres” per unit in table 1.
- b. While desired future condition complex (Layered -LYR and Older Forest Structure – OFS) is mapped, targets for Regeneration, Closed Single Canopy and Understory stands are not. These stand types are typically referred to as General (GEN) when discussing desired future condition.

Table 5. Harvest Prescriptions

Unit	Harvest Type	Harvest Species	Residual (Partial Cut & HCA only)			
			Species	TPA	BA	% SDI
1	PC	DF, RA	DF	141	130	30
2	PC	DF, RA	DF	122	130	30
3	PC	DF, RA	DF	93	130	30

- **Prescription Considerations:**
 - This unit is a planned healthy conifer first entry thinning within the Habitat Conservation Areas. The intent of thinning within these areas is to promote late seral habitat development by thinning out the dense structure allowing more light to reach the forest floor. This will help maintain growth and enhance limb and crown structure of the dominant cohort and foster natural recruitment of minor tree and understory species. Thinning will also improve trajectories for understory development, compositional diversity, and canopy layering ultimately aiding in the development of higher quality suitable habitat and mature forest connectivity. Prescriptions may incorporate a mix of gap-cuts, areas of untreated stands, and variable density thinning prescriptions. Residual tree selection will emphasize preserving the trees of good form and vigor with the largest diameter and height. Minor species will be evaluated to reserve based on the composition of the stand and the amount of diversity present. District staff will work with the

ODF Wildlife Biologist to further refine prescription strategies for these areas during sale layouts.

- Reforestation Unit, Marketing Unit and Wildlife Biologist will work during sale layout in considering small patch cuts to remove infected areas where Phellinus is of concern to promote forest health. If necessary, plant species that are resistant or tolerant to Phellinus i.e. western red cedar, western hemlock.

Table 6. Reforestation

Unit	Planting Species Mix (%)*	TPA*	Considerations (ex. Elevation, SNC, Aspect, Animal Damage)
1	n/a		
2	n/a		
3	n/a		

*These are estimates for planning purposes and will be adjusted as needed based on site conditions during implementation.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 7. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
1	20	80	35-65	Simple	All Weather
2	0	100	<35	Established	All Weather
3	60	40	35-65	Simple	All Weather

1. Haul Route:

- Units 1 & 2 – Cochran Road to Timber Road
- Unit 3 – Wheeler Road to Cochran Road to Timber Road

2. Haul Route Condition:

- The haul route is in good condition. Road maintenance or improvement needs will be assessed during sale layout.

3. Are easements required for the haul route? No Yes

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.33	0
Improve, Rock, and/or Maintain	0	0	1.06	0
Vacate	0	0	0	0
Stream Crossings: install on existing road (IE)/replace on existing road (R)/install on new construction road (NC)				
Type F - SSBT ^a	0	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	0	0	0	0

a. Salmon Steelhead and Bull Trout (SSBT)

- After logging is complete, 0.3 miles of in-sale spur roads will be blocked.

- This haul route includes portions of Cochran Road which have been determined to be sensitive road locations subject to wet weather haul shutdowns at 0.5” or greater in a 24-hour period.
 - Opportunities to vacate or block additional roads and/or spurs will be considered during sale layout.
4. Rock Sources for this operation:
- Rock Creek Ridge Stockpile
5. Are property line surveys required for this operation? No Yes
6. Is there planned new road construction planned within RCAs/HCAs? No Yes
- New road construction within RCA and HCAs will only occur when other alternatives are not operationally or economically feasible. Planned new road construction will be evaluated as it is further refined during sale layout.

VI. AQUATIC RESOURCES:

1. Do any streams require additional review for the following?
- Fish presence: No Yes
 - Perennial/Seasonal: No Yes
 - H.E.R.: No Yes
 - There are streams within the sale that require additional review. Buffers shown on the map indicate where it is believed streams are located. These streams will be located, verified for permanence, and/or type of seasonal stream during sale layout and Geotech review and buffered as required.
2. Is a portion of the operation within an Aquatic Anchor? No Yes, name:
- Units 2 & 3 are within the Lousignont Creek/Upper Nehalem River Aquatic Anchor. Within the designated Aquatic Anchor streams will be buffered in accordance with strategies in the draft Habitat Conservation Plan that prioritize salmonid recovery as outlined in the State Forest Division Species of Concern Policy. These additional buffers are already incorporated into the sale buffers and are shown on the map. If additional information on streams is found during sale layout the buffers will be adjusted as required.
3. Are any domestic points of diversion identified in the Oregon Water Resource Department’s water rights information search GIS database located downstream within 3,000 feet of the harvest operation?
 No Yes, describe protection measures:
4. Are there any unregistered or unknown status domestic points of diversion that have been identified within the harvest operation? No Yes, please describe:
5. Is there a Stream Enhancement Project planned? No Yes, please describe:

VII. SLOPE STABILITY ISSUES:

Table 9. Summary of Slope Stability Assessment

Unit	Harvest Review Complete	Public Safety Review Complete
1	Y	Y
2	Y	Y
3	Y	Y

Geotech Review: Initial geotechnical reviews have been completed and those findings have been incorporated into No Harvest buffers. Additional consultation with Geotechnical Specialists will be done during sale layout as needed.

VIII. RECREATION RESOURCES:

1. Recreation issues/coordination: No Yes, please describe:

IX. HISTORIC AND CULTURAL RESOURCES:

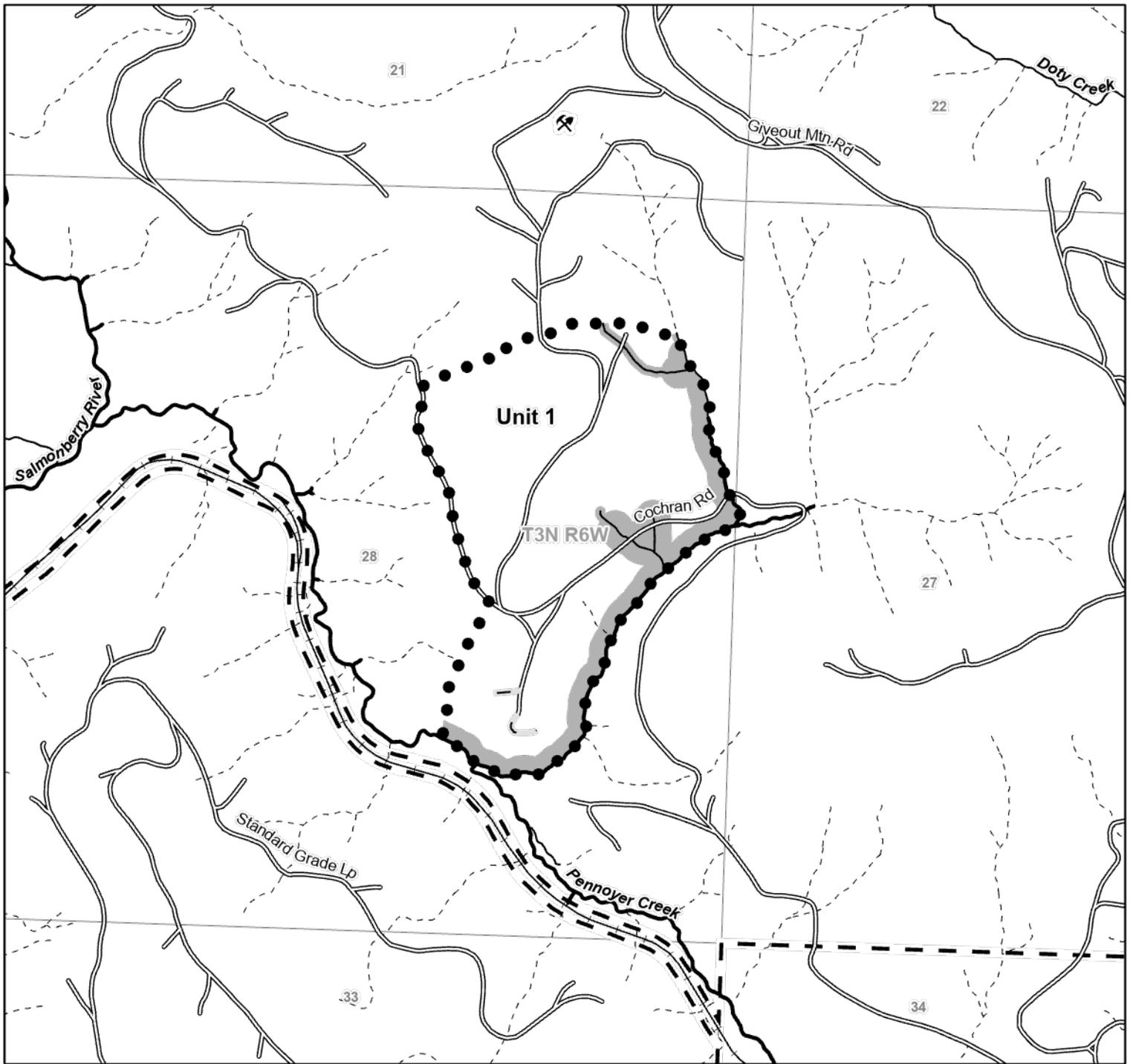
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? No Yes

X. SCENIC RESOURCES:

1. Are there scenic resources in the vicinity of this operation that need additional consideration? No Yes, please describe:

XI. OTHER RESOURCE CONSIDERATIONS:

1. Has a review of the FLMCS layer determined that any resources not mentioned in the report above need additional planning? No Yes, please describe:
2. Are there any other resources present that need additional consideration? No Yes, please describe:
- **Research Plots:**
 - There are retired research plots within Units 1 & 2. No protection is needed.



- Legend**
- Sale Boundary
 - No Harvest Area
 - ⚡ Quarry
 - Railroads
 - New Road Construction
 - Surfaced Roads
 - Perennial Fish Streams
 - Perennial Non-Fish Streams
 - - - Seasonal Streams
 - Ownership Boundary

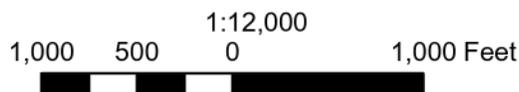
FY 2027 - Forest Grove District
Thinnables
Portions of Sections 26, 27 & 28, T3N, R6W, W.M.
Tillamook County
Portions of Sections 19 & 30, T3N, R5W, W.M.
Washington County

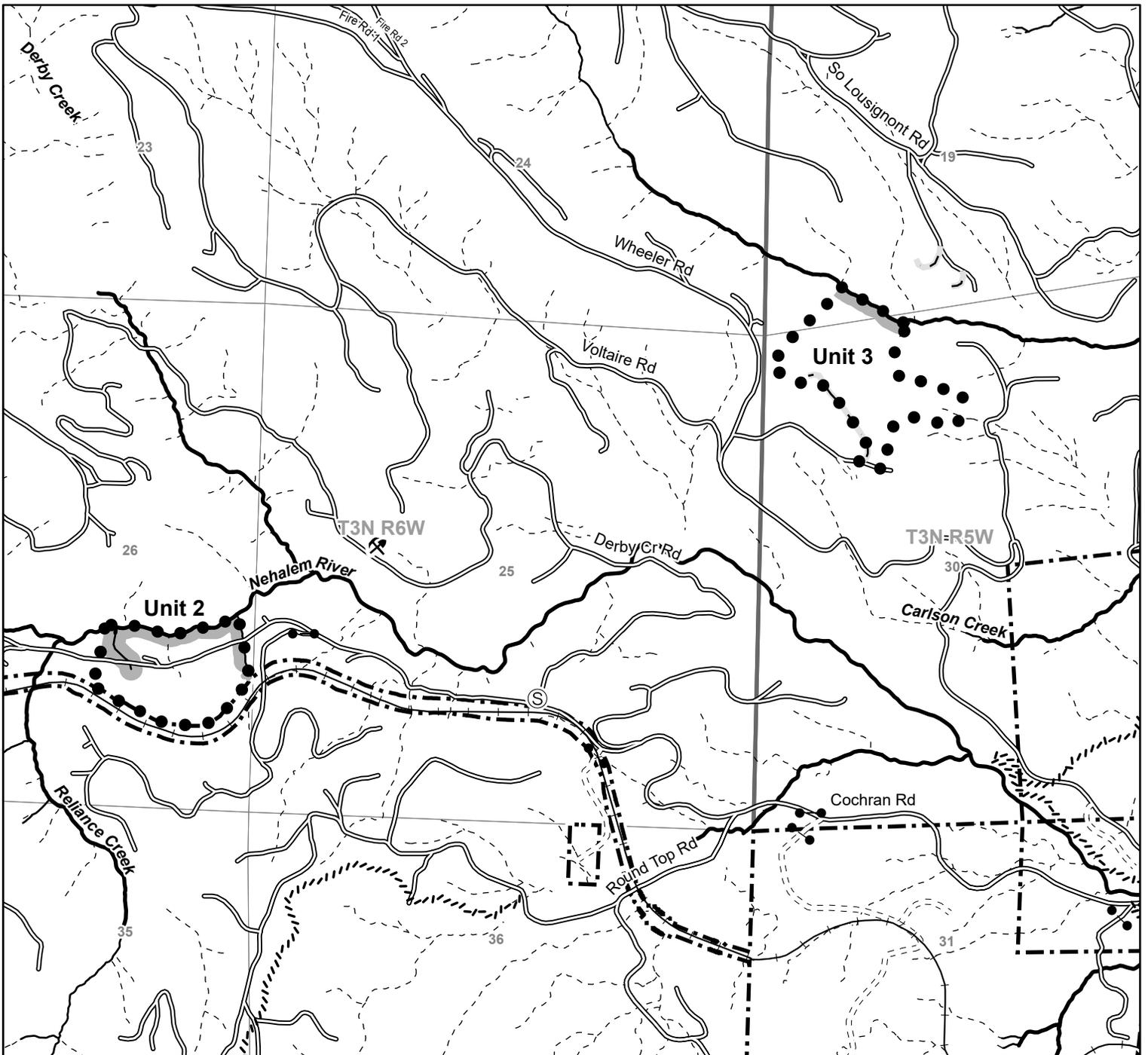
Unit 1 82 acres (PC)
 Unit 2 22 acres (PC)
 Unit 3 33 acres (PC)

Total Acres = 137

State Forest Division
 02/05/2026

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 suitable for legal, engineering, or surveying purposes.
 Variations may exist between and among data sets
 in use by the Department of Forestry. This map was
 developed using the Flowline Layer.





Legend

- ● Sale Boundary
- No Harvest Area
- Gates
- ⚡ Quarry
- Ⓢ Stockpiles
- Railroads
- //// Recreation Trails
- New Road Construction
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

**FY 2027 - Forest Grove District
 Thinnables
 Portions of Sections 26, 27 & 28, T3N, R6W, W.M.
 Tillamook County
 Portions of Sections 19 & 30, T3N, R5W, W.M.
 Washington County**

Unit 1 82 acres (PC)
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State Forest Division
 01/13/2026

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1:18,000

1,000 500 0 1,000 Feet

