

Pre-Operations Report

Operation Name: 1000 Line Jim Thin
County (%): Linn (100%)
Elevation: 1,663 – 2,778 ft
Legal Description: T10S R3E, Section(s) 18, 19, 20, 21

Tax Code(s):
BOF%: 100 **CSL%:** 0
Sale Quarter: ALT

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, RA-S	118	101	8.0	808	\$300	\$242,400
2	PC	DF-S, RA-S	14	12	8.0	96	\$300	\$28,800
3	PC	DF-S, RA-S	106	93	8.0	744	\$300	\$223,200
4	R/W	DF-S, RA-S	3	3	17.7	53	\$300	\$15,900
Total		Regeneration	3	3		1,701		
		Partial Cut	237	206				
						Gross Value		\$510,300
a. Estimated harvest volume per acre for Unit.						Project Costs		\$114,066
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$396,234
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	12581	M	DF,RA	38	435	10	213	67%	47
1	12820	M	DF,RA	19*	221	13	215	58%	54
2	12583	M	DF,WH	45	293	12	228	65%	12
3	12711	M	DF,RA	60	203	14	210	57%	88
3	12712	M	DF,NF	51	292	11	197	58%	5
4	12581	M	DF,RA	38	435	10	213	67%	2

- a. 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).
- b. 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.

* SLI Age is incorrect. The estimated age is 45.

- These stands were planted and have no record of previous 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	12581	0	1360			
1	12820	1	2110			
2	12583	1	1309			
3	12711	0	1293			Douglas-fir bark beetle mortality
3	12712	0	969			Douglas-fir bark beetle mortality
4	12581	0	1360			

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

III. WILDLIFE AND T&E SPECIES CONSIDERATIONS:

Foresters need to read the Biological Survey Tracking Form (BSTF) prior to sale layout in order to ensure all T&E related information is understood. (Consult the ODF Wildlife Biologist assigned to the District for the BSTF.)

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)

Notes:

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:

4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹], big game habitat/management, other)?

☐ No ☒ Yes, please describe: There are red tree vole occurrence points in the BLM wildlife data within ¼ mile of the sale. The FMP strategies implemented across the forest address red tree voles at the landscape level. No additional protections needed.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
1	12581	CSC	GEN	No	47
1	12820	UDS	GEN	No	54
2	12583	UDS	GEN	No	12
3	12711	UDS	GEN	No	88
3	12712	UDS	GEN	No	5
4	12581	CSC	GEN	No	2

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.

Table 5. Partial Cut Prescription (Complete only for Partial Cut and HCA Harvests)

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
1	PC	DF, WH	All	220	140	35
2	PC	DF, WH	All	175	160	35
3	PC	DF, WH	All	175	140	35
4	R/W					

- Units 1-3 are first entry thinnings which will improve the growing conditions for these stands, capturing anticipated mortality while maintaining a pathway of high productivity within the residual stand. 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.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
1	30	70	0-70	Simple	Dry Weather Only
2	100	0	35-70	Established	Dry Weather Only
3	80	20	35-70	Established	Dry Weather Only
4	0	100	0-30	Simple	Dry Weather Only

- Haul Route: All 3 harvest units will utilize the 1000 Line road system and go out the Tom Rock 400 and 500 collector roads to the South Rock Creek Mainline road that leads out to Mill City.
 - There is a locked gate on the 1000 Line within Unit 1.
- Haul Route Condition: The South Rock Creek Mainline, Tom Rock 400 and Tom Rock 500 roads will only require final road maintenance and spot rocking as needed. The 1000 Line has recently been surfaced. The associated spurs off the 1000 Line Road system will need light improvement prior to hauling.

3. Are easements required for the haul route? ☒ Yes ☐ No
- There are two permanent easements in place to utilize the lower end of South Rock Creek Mainline (Shepherd's Lane). 311.22040 with Walter Miller and 311.22038 with Publisher's Paper Company.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.52	0
Improve, Rock, and/or Maintain	0	2.01	0	0
Block (Dormant)	0	0	0	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	2I	0

- Salmon Steelhead and Bull Trout (SSBT)
4. Rock Sources for this operation: The primary rock source for this operation will be to utilize the Tom Rock Pit with a backup being the Tom Rock 400 Pit.
5. Are property line surveys required for this operation? ☒ Yes ☐ No
- The Western line of Unit 1 was surveyed with blazes and fiberglass rods in 2019. The Southern property line of all 3 units is shared with Weyerhaeuser and will need to be reconned prior to timber sale boundary posting. Recent aerial photos show evidence of timber harvest on adjacent private landowners and may provide recently established lines to follow.
6. Is there planned new road construction planned within RCAs/HCAs? ☒ Yes ☐ No
- New road construction within RCA 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./P.D.F.T: ☒ No ☐ Yes
2. Is a portion of the operation within an Aquatic Anchor? ☒ No ☐ Yes, name:
3. Are any Point of Diversion (Domestic Water) located downstream within 3,000 feet of Operations?
☒ No ☐ Yes, describe protection measures:
4. Is there a Stream Enhancement Project planned? ☒ No ☐ Yes, please describe:

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete?	Public Safety Review Complete?	Additional Comment
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:
- No recreation resources exist within the sale boundaries or within proximity to the sale areas.

IX. HISTORIC AND CULTURAL RESOURCES:

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

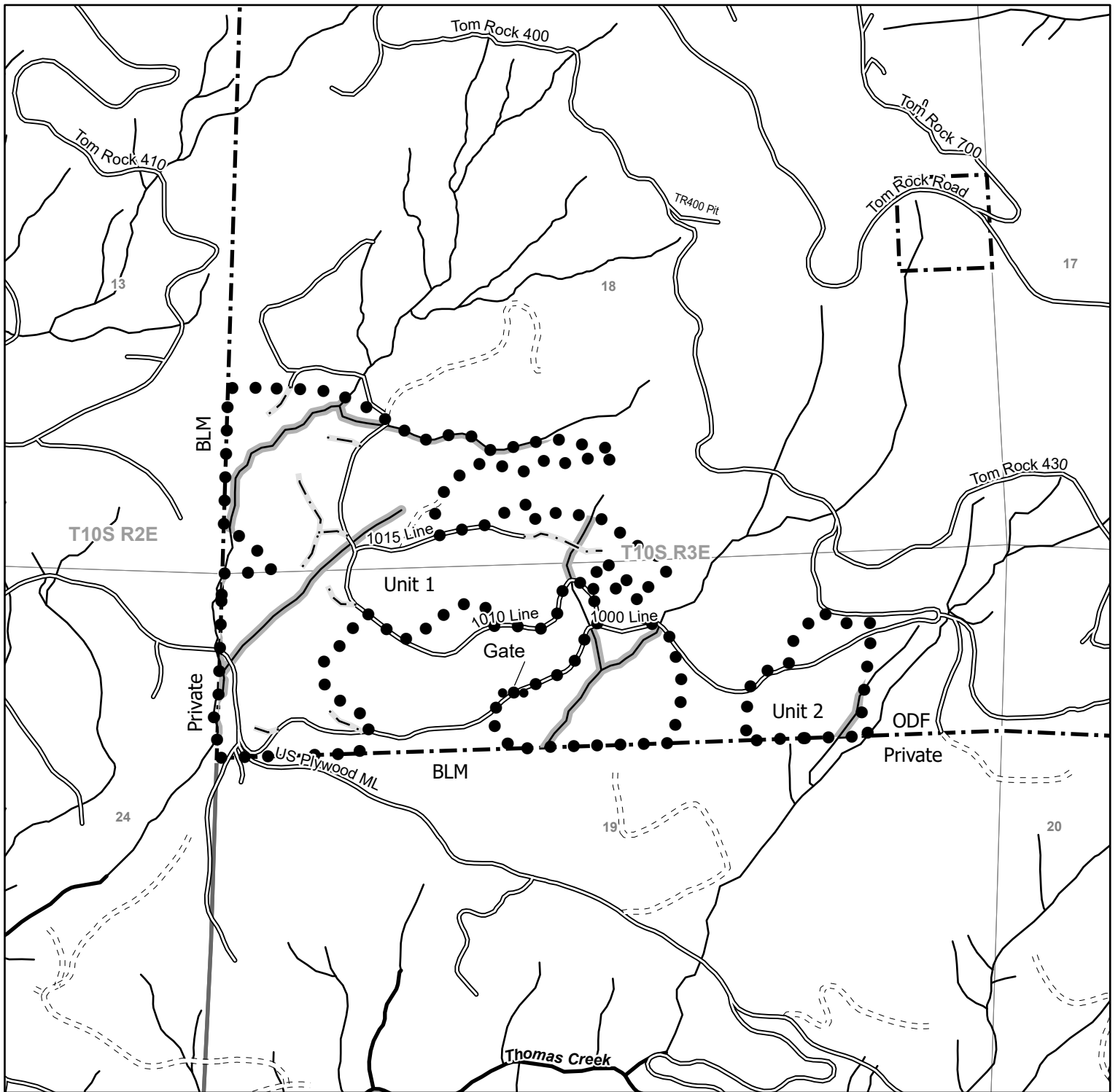
X. SCENIC RESOURCES:

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, describe below
2. Are there any other resources present that need additional consideration? ☐ No ☐ Yes, please describe:

Adjacent Landowners: Bureau of Land Management and Private Industrial Landowner



**FY 2025 - North Cascade District
1000 Line Jim Thin
Portions of Section(s) 18, 19, 20, 21, T10S R3E, WM.
Linn County**

Legend

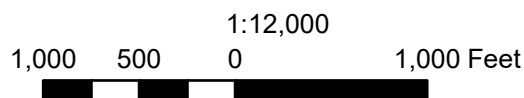
- ● Sale Boundary
- No Harvest Area
- Gates
- New Road Construction
- Surfaced
- - - Unsurfaced
- Perennial Fish Stream
- Perennial Nonfish Stream
- Ownership Boundary

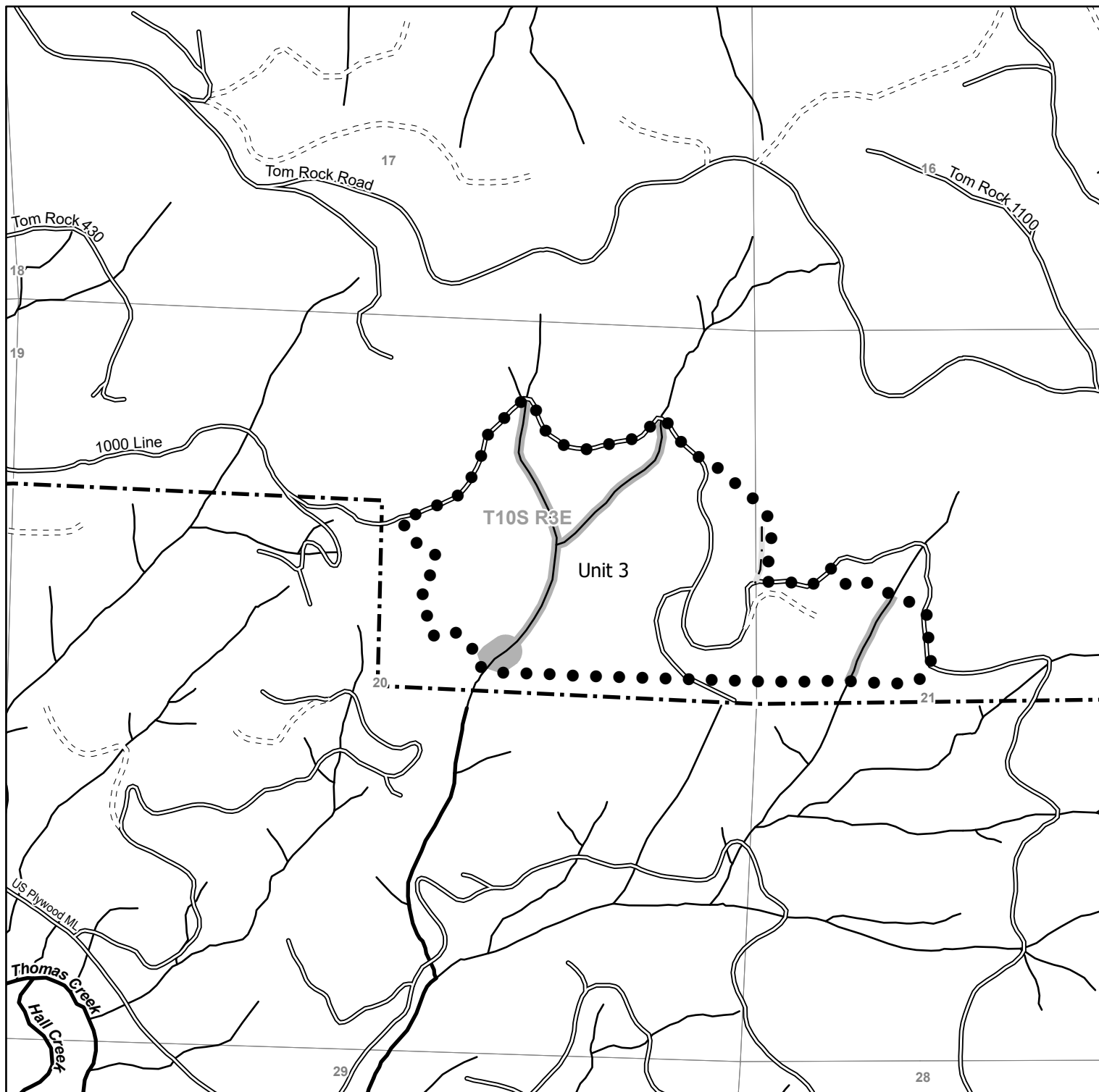
State Forest Division
02/15/2024

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Variations may exist between and among data sets
in use by the Department of Forestry. This map was
developed using the Statewide Stream Layer.

Unit 1	101	Acres (PC)
Unit 2	12	Acres (PC)
Unit 3	93	Acres (PC)
Unit 4	3	Acres (R/W)

Total 209 Acres





Legend

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FY 2025 - North Cascade District 1000 Line Jim Thin Portions of Section(s) 18, 19, 20, 21, T10S R3E, WM. Linn County

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1:12,000
1,000 500 0 1,000 Feet

