

Pre-Operations Report

Operation Name: Thin Piper

County (%): Clatsop (94%), Columbia (6%)

Elevation: 949 - 1,794 ft

Legal Description: T4N, R5W, Section 17; T4N, R6W, Sections 12, 13, 26, 27, 28

Tax Code(s): 8-01

BOF%: 100 **CSL%:** 0

Sale Quarter: 3

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, WH-S	161	120	12.0	1,440	\$375	\$540,000
2	PC	DF-S, WH-S	14	10	12.0	120	\$375	\$45,000
3	PC	DF-S, WH-S	20	15	12.0	180	\$375	\$67,500
4	PC	DF-S, WH-S	17	9	12.0	108	\$375	\$40,500
5	PC	DF-S, WH-S	9	7	12.0	84	\$375	\$31,500
Total		Regeneration				1,932		
		Partial Cut	221	161				
						Gross Value		\$724,500
a. Estimated harvest volume per acre for Unit.						Project Costs		\$117,200
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$607,300
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	7193	M	DF, WH	82	109	19	225	53%	2
1	7202	M	DF, WH	40	263	12	193	56%	116
1	8464	I = 7228	DF, WH	80	133	18	224	55%	2
2	7114	O	DF, WH	41	220	13	199	45%	10
3	8647	O	RA, DF	41	199	13	217	48%	15
4	8644	O	DF, WH	41	192	13	190	42%	9
5	8427	O	DF, BM	46	180	14	259	63%	5
5	8428	I = 8486	DF, WH	115	144	19	270	65%	1

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.

* The stand boundaries for 7193, 8464, and 8428 are drawn incorrectly. This sale does not include any 80, 82 or 115 year-old trees. Stands 7193 and 8464 should be included with stand 7202. Stand 8428 should be included with stand 8427. These changes are shown as such in the remainder of this document.

- O: The conditions of these stands were not correctly reflected in the current SLI types, so data that better matched current conditions on the ground were used.

These stands were planted but 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	7202	10	27			
2	7114	3	229			
3	8647	23	81			
4	8644	3	147			
5	8427	5	887			

- 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) ☐ No (Not habitat) ☐ N/A (outside of MM survey zone)

Notes: Surveys occurring in 2021 through 2024.

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:

- ORBIC database identifies a Cope's Giant Salamander was observed immediately adjacent to Unit 1. The riparian conservation areas implemented for this AOP address the species' needs at the landscape level. No additional protections are 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	7202	UDS	GEN	No	120
1	7202	UDS	GEN	Yes	1
2	7114	UDS	GEN	No	10
3	8647	UDS	GEN	No	15
4	8644	UDS	GEN	No	9
5	8427	UDS	GEN	No	6

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 & HCA Prescriptions (Complete only for Partial Cut and HCA Harvests)

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
1	PC	DF, WH	DF, WH	122	130	35
2	PC	DF, WH	DF, WH	122	130	35
3	PC	DF, WH	DF, WH	122	130	35
4	PC	DF, WH	DF, WH	122	130	35
5	PC	DF, WH	DF, WH	100	140	35

- These 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. There is approximately 1 acre of Unit 1 within a HCA. The stand structure and management history is similar to the rest of Unit 1. The prescription of this acre will be designed collaboratively with biologists, technical resource specialists, planning staff, and district staff to develop more complex structure and improve habitat within the HCA.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
1	20	80	<35	Simple	All Weather
2	20	80	<35	Simple	Dry Weather Only
3	40	60	35-65	Established	All Weather
4	80	20	>65	Simple	Dry Weather Only
5	0	100	<35	Simple	Dry Weather Only

1. Haul Route:

- Unit 1 – Music Road to McGregor Road to Highway 26
- Units 2, 3, & 4 – McGregor Road to Highway 26
- Unit 5 – Pit Road to McGregor Road to Highway 26

2. Haul Route Condition: The haul route is a maintained gravel road. Road maintenance or improvement needs will be further assessed during sale layout.
3. Are easements required for the haul route? ☐ Yes ☒ No

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0	0.65
Improve, Rock, and/or Maintain	0	12.8	1.6	0
Block (Dormant)	0	0	0	0
Vacate	0	0	0	0.65
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	3 R	2 N

a. Salmon Steelhead and Bull Trout (SSBT)

- Opportunities to vacate or block new or existing roads and/or spurs will be considered during sale layout.

4. Rock Sources for this operation: West Mac Stockpile
5. Are property line surveys required for this operation? ☐ Yes ☒ No
 - Area 4 appears to be along well-established cut line.
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 Points 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:
 - There is potential for a stream enhancement Project in N. Fk. Wolf Creek & Tributary (Unit 1) and Rock Creek (Unit 4). Additional desktop and field reviews shall be conducted to determine the best candidates to focus stream enhancement efforts on over this fiscal year. The district shall consult

with the ODF Aquatic and Riparian Specialist and the local ODFW Habitat Biologist to help determine the feasibility and logistics of the project during sale layout.

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete?	Public Safety Review Complete?	Additional Comment
1	N	Y	None
2	N	Y	None
3	N	Y	None
4	N	Y	None
5	N	Y	None

- **Geotech Review:** Initial geotechnical reviews have been completed and those findings have been incorporated into No Harvest buffers. Some slope protections are dependent on stream surveys that have not yet been completed. Consultation with the Geotechnical Specialist is required during sale layout as streams surveys are completed in order to determine if additional protections are required.

VIII. RECREATION RESOURCES:

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

IX. HISTORIC AND CULTURAL RESOURCES:

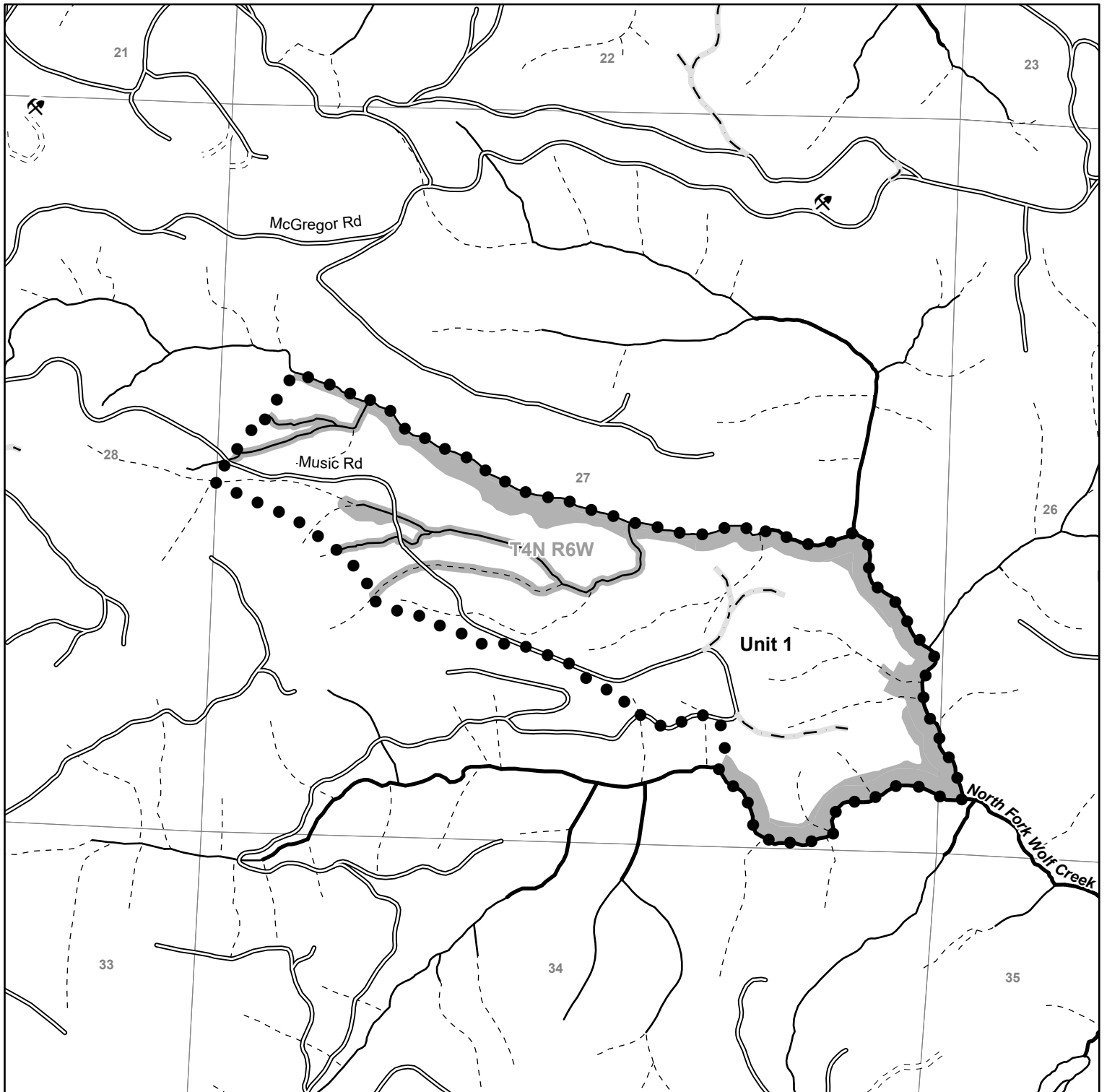
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

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:
 - **Unit 1** – Four Fertilization Study Plots. Prior to sale layout, plots shall be located and posted as No Harvest with 32' buffer.
 - **Adjacent Landowner:** Private Industrial



Legend

- ● Sale Boundary
- No Harvest Area
- ⚡ Quarry
- Surfaced Roads
- - - - Unsurfaced Roads
- New Road Construction
- Perennial Fish Stream
- Perennial Nonfish Stream
- - - Seasonal Stream
- ⌈ ⌋ Ownership Boundary

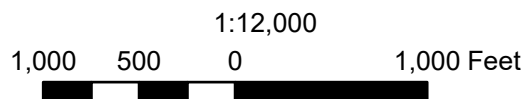
**FY 2025 - Forest Grove District
Thin Piper
Portions of Sections 12, 13, 27, T4N, R6W
Portions of Section 17, T4N, R5W, W.M.
Clatsop County**

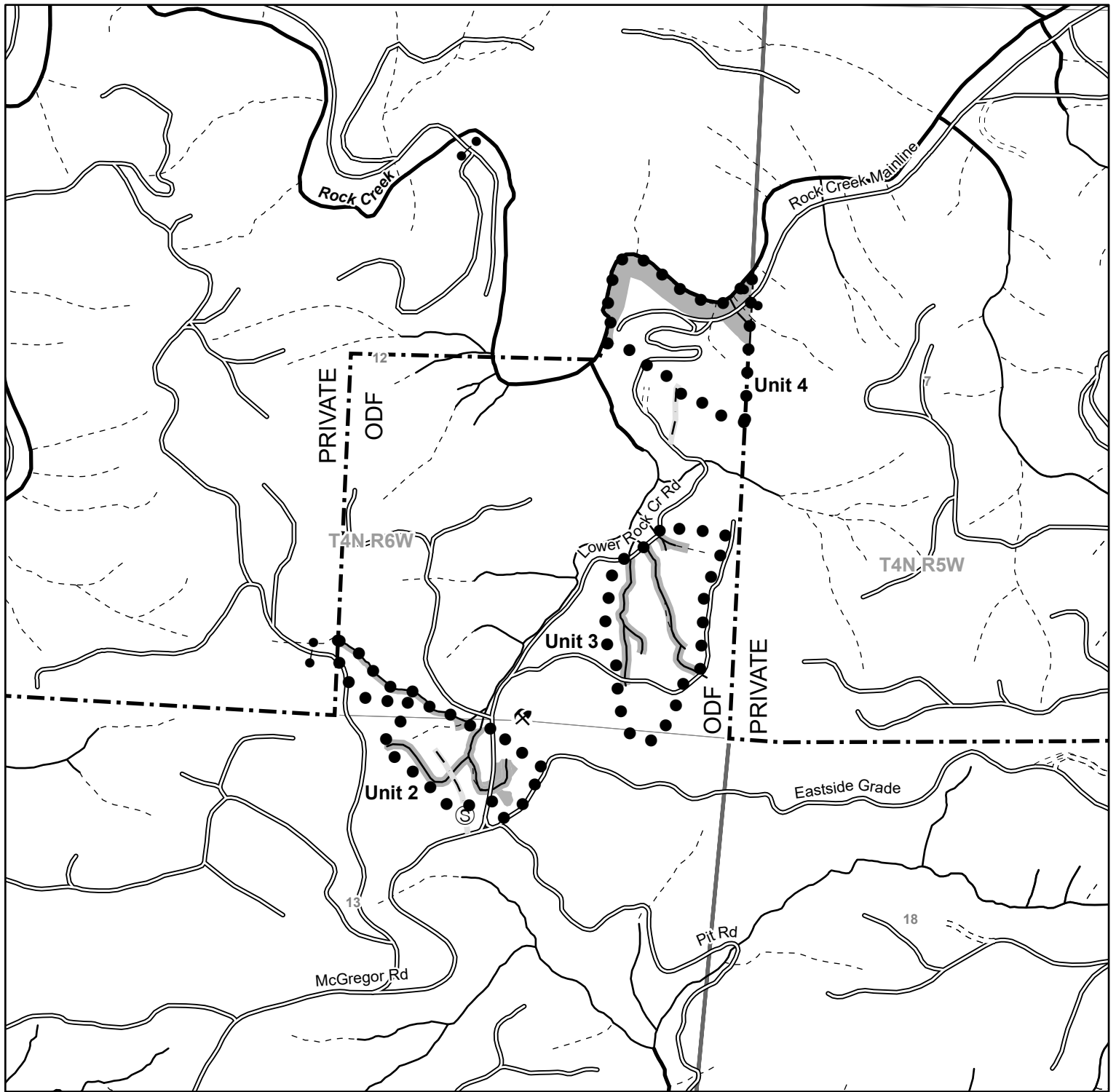
State Forest Division
02/15/2024

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in use by the Department of Forestry. This map was
developed using the Statewide Stream Layer.

Unit 1	120 Acres (PC)
Unit 2	10 Acres (PC)
Unit 3	15 Acres (PC)
Unit 4	9 Acres (PC)
Unit 5	7 Acres (PC)

Total 161 Acres





Legend

- ● Sale Boundary
- No Harvest Area
- Gates
- ⚡ Quarry
- Ⓢ Stockpiles
- Surfaced Roads
- - - - Unsurfaced Roads
- New Road Construction
- Perennial Fish Stream
- Perennial Nonfish Stream
- - - - Seasonal Stream
- Ownership Boundary

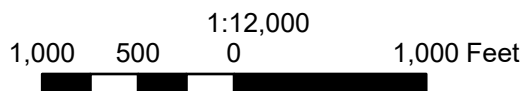
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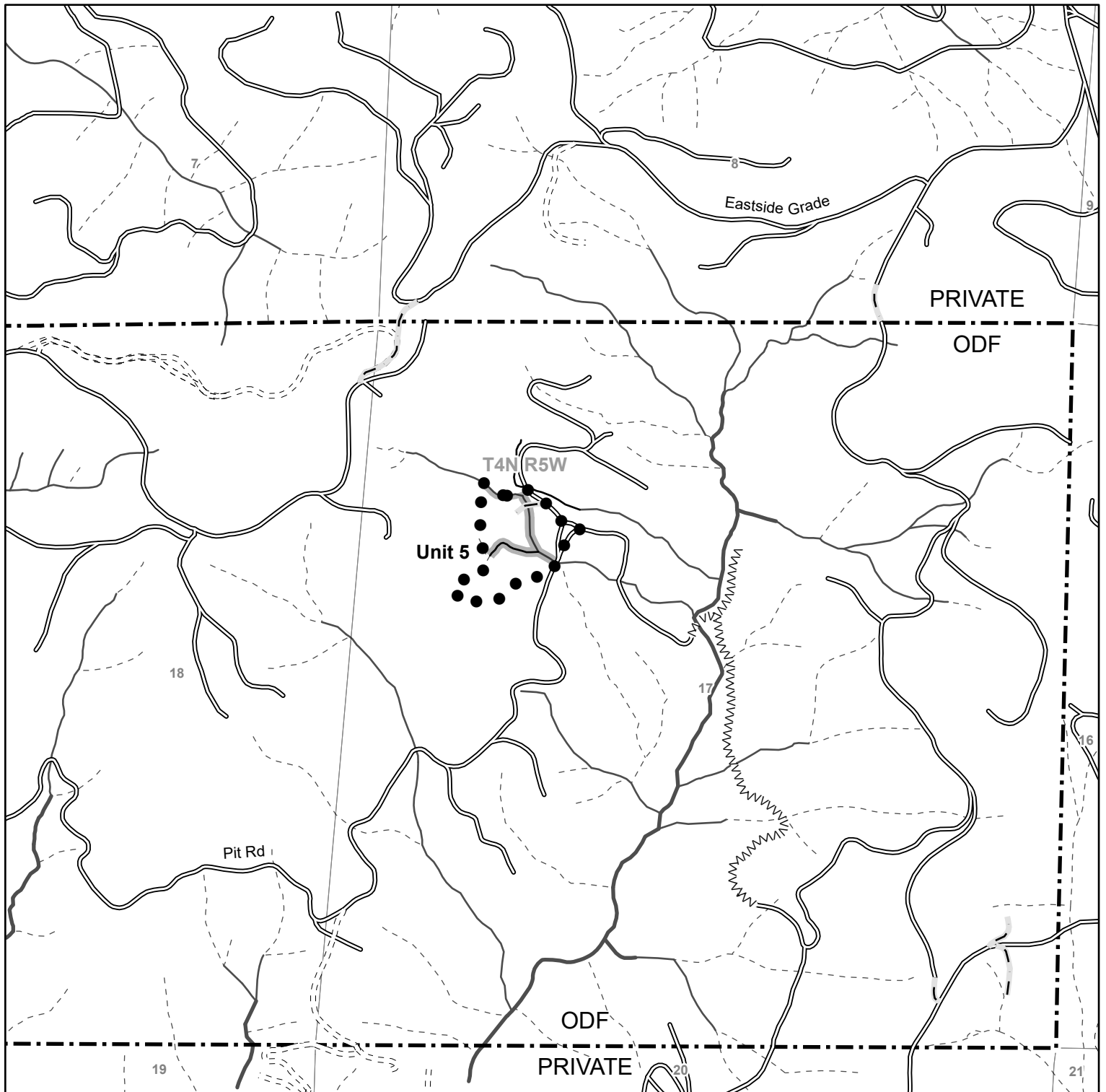
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Unit 3	15 Acres (PC)
Unit 4	9 Acres (PC)
Unit 5	7 Acres (PC)

Total 161 Acres





Legend

- ● Sale Boundary
- No Harvest Area
- New Road Construction
- www Planned Road Vacating
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Stream
- Perennial Nonfish Streams
- Seasonal Streams
- Ownership Boundary

FY 2025 - Forest Grove District Thin Piper Portions of Sections 12, 13, 27, T4N, R6W Portions of Section 17, T4N, R5W, W.M. Clatsop County

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1:12,000

1,000 500 0 1,000 Feet

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Total 161 Acres

