Pre-Operations Report

Operation Name: Thin to Win
Tax Code(s): n/a
County (%): Columbia (100%)
BOF%: 100 **CSL%:** 0
Elevation: 775 - 1,484 ft
Sale Quarter: Alternate
Legal Description: T5N R3W, Sections 2, 4, 9, 23; T6N, R3W, Sections 34, 35

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	124	93	7.5	698	$390	$272,220
2	PC	DF-S, RA-S	54	48	7.5	360	$390	$140,400
3	PC	DF-S, RA-S	54	49	7.5	503	$390	$143,520
4	CC	DF-S, WH-S	19	18	15	270	$390	$105,300
5	PC	DF-S, RA-S	40	39	7.5	293	$390	$114,270
6	PC	DF-S, RA-S	79	71	7.5	533	$390	$207,870
Total		Regeneration	19	18		2,522		
		Partial Cut	351	300				
						Gross Value		$983,580
a. Estimated harvest volume per acre for Unit.						Project Costs		$21,500
b. Estimated 'price' (excluding Project Costs)						Net Value		$962,080

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	7038	M	DF, RA	49	250	13	224	62%	93
2	7003	M	DF, RA	44	214	12	171	48%	46
2	8425	M	DF, RA	44	172	14	179	48%	1
3	7027	M	RA, DF	54	170	13	159	44%	4
3	7033	M	DF, WH	42	170	14	187	50%	44
4	7033	M	DF, WH	42	170	14	187	50%	18
5	7087	M	DF, RA	41	159	14	168	45%	39
6	7096	M	DF, RA	39	204	11	123	37%	71

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.

- 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	7038	0	632			
2	7003	0	90			
2	8425	1	707			
3	7027	0	26			
3	7033	0	737			
4	7033	0	737			
5	7087	0	603			
6	7096	0	2327			

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 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: Surveys being conducted in 2024 and 2025 for Unit 3 and Unit 5. Surveys have not been conducted for Unit 1 by leaving a 100-meter buffer along the northern boundary of the Unit. Portions of the sale within 100 meters have been identified as either No Harvest – Riparian or No Harvest – Other.
4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant)?
   ☐ No ☒ Yes, please describe:

   - Pileated woodpecker detection within Unit 3. Leave tree and snag retention strategies that prioritize large diameter trees and snags implemented for this Annua Annual Operation Plan 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[b]	Net Acres[a]	Inside of HCA Acres
1	7038	UDS	GEN	93	0
2	7003	UDS	GEN	46	0
2	8425	UDS	GEN	1	0
3	7027	UDS	GEN	4	0
3	7033	UDS	GEN	44	0

Unit	Stand ID	Current	Desired Future[b]	Net Acres[a]	Inside of HCA Acres
4	7033	UDS	GEN	18	0
5	7087	UDS	GEN	39	0
6	7096	UDS	GEN	71	0

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	106	130	34
2	PC	DF, RA	DF	122	130	35
3	PC	DF, WH, RA	DF, WH	106	130	34
4	CC					
5	PC	DF, RA	DF	93	130	33
6	PC	DF, RA	DF	141	130	36

- **Prescription Considerations:**
  - 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.
  - 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		
4	60% DF/ 30% WH/ 5% GF/ 5% WRC	400	Elev. 880-1080/Behind Locked Gate/Phellinus/Big Game/Neighbors/Noxious Weed/Competing Vegetation i.e. vine maple, bigleaf maple/Gentle Slopes/Leave Tree Arrangement
5	n/a		
6	n/a		

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

- **Animal Damage**: Bud Capping planned. Area known for big game damage
- **Insect/Disease:** Plant WRC and WH where Phellinus is a concern
- **Seedlings:** Install tree protection on WRC. Plant with a higher mix of WH and incorporate GF
- **Brush:** Brush control will be determined after harvest, method is planned to be ground-based application.
- **Invasive Species:** Invasion of scotch broom is likely to occur in units and along haul routes.

- **Slash:** Mechanically pile as part of the Timber Sale Contract and burn piles

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	Established	Combo
2	0	100	<35	Established	All Weather
3	0	100	<35	Established	All Weather
4	0	100	<35	Established	All Weather
5	20	80	<35	Established	All Weather
6	0	100	<35	Simple	All Weather

1. Haul Route:
   - Unit 1 – Karth Road to Apiary Road
   - Units 2, 3 & 4 – Little Clatskanie Mainline to Apiary Road
   - Unit 5 & 6 – Old Pittsburg Road to Karth Road to Apiary Road
   - Units 2, 3, 4 & 5 are behind locked gates
   - This haul route includes portions of Little Clatskanie Road, Beaverhome Road, and Rudy Pit 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.
2. Haul Route Condition:
   - All needed road improvements will be completed with FY26 Big Leaves timber sale
3. Are easements required for the haul route? ☐ No ☒ Yes
   - A License Agreement from Weyerhaeuser is needed and will include road maintenance fees.

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0	0
Improve, Rock, and/or Maintain	0	0	0	0
Vacate	0	0	3.3	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)

- The new construction dirt roads, shown on the Exhibit A map, are needed for this sale. The new road construction, totaling 1.7 miles, 9.0 miles of road improvement, and 0.3 miles of road vacating within Unit 1 will be completed prior to the sale with FY26 Big Leaves sale.
- After logging is complete, 3.3 miles of in-sale spur roads will be blocked.
- Opportunities to vacate or block additional roads and/or spurs will be considered during sale layout.

4. Rock Sources for this operation:
   - Commercial Rock Source
5. Are property line surveys required for this operation? ☒ No ☐ Yes
6. Is there planned new road construction planned within RCAs/HCAs? ☒ No ☐ Yes

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:
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:
   - Unit 6: There is one water intake within the Unit and one water intake approximately 1,650 feet below the Unit on a small perennial Type N stream. The 35-foot No Harvest Buffer within the Unit exceeds the FPA buffer requirement on a Type D stream.
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	Yes	Yes
2	Yes	Yes
3	Yes	Yes
4	Yes	Yes
5	Yes	Yes
6	Yes	Yes

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

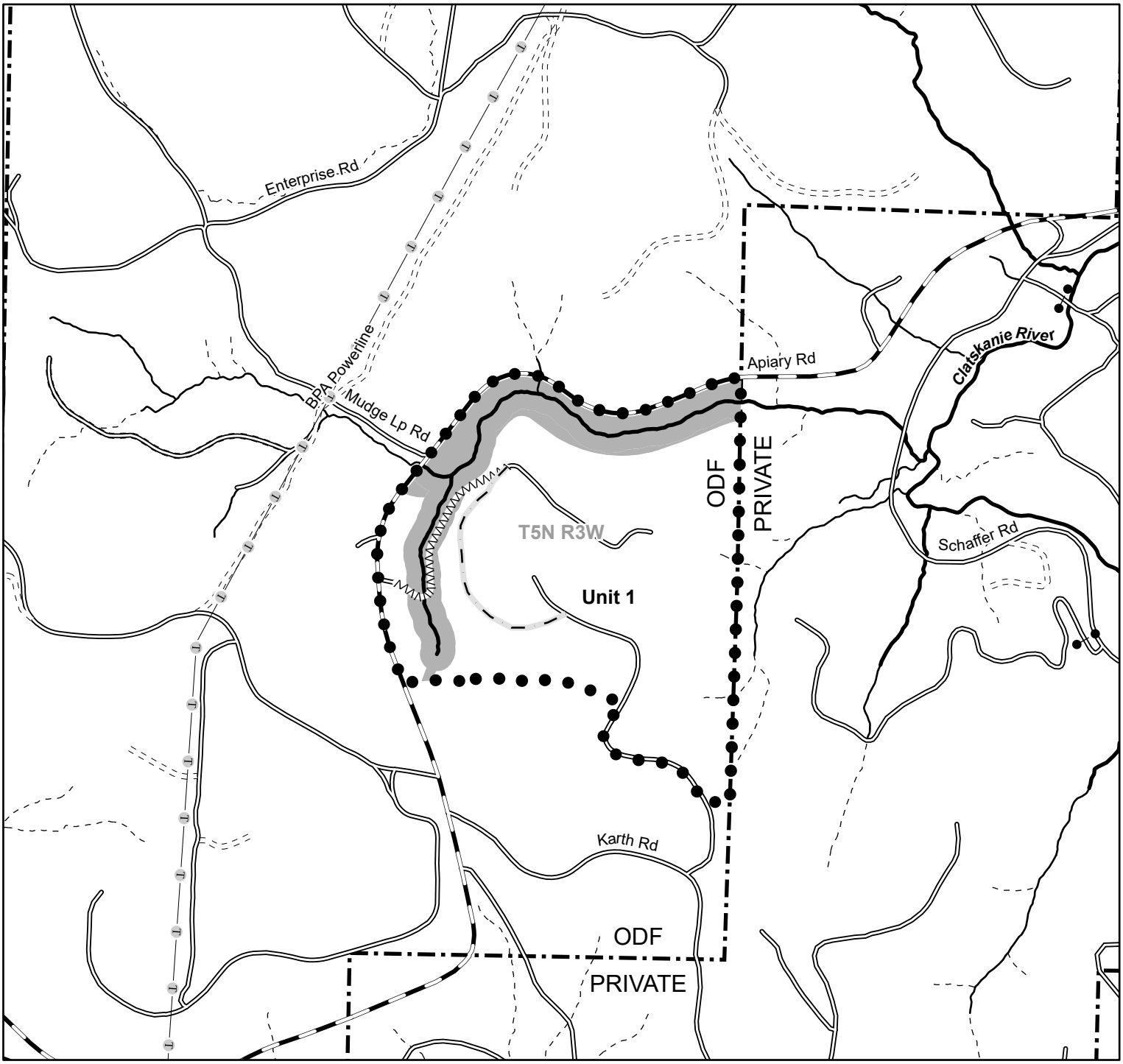
X. SCENIC RESOURCES:

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:
   - **Adjacent Landowners (shared property lines):**
     - Private Landowner, Private Industrial:
       - District staff will work with adjacent landowners to determine what additional outreach is needed during the sale process and if any additional restrictions are needed.
   - **Flaggers:** When operations are active adjacent to Apiary Road within Unit 1 flaggers will be required.



Legend

- Sale Boundary
- No Harvest Area
- Gates
- Transmission Lines
- New Road Construction
- Planned Road Vacating
- Paved Roads
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

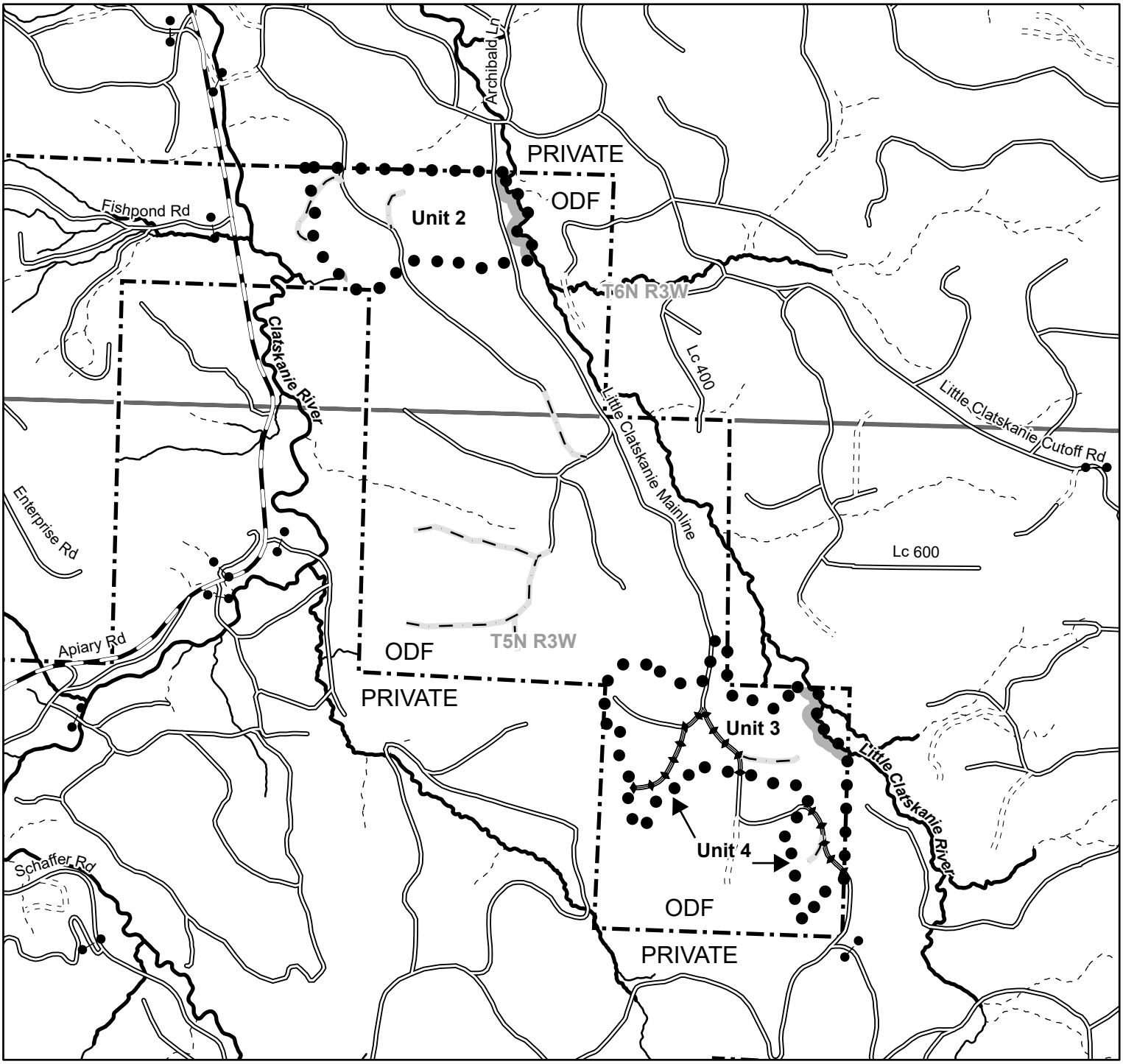
FY 2027 - Forest Grove District
Thin to Win
Portions of Sections 34 & 35, T6N, R3W,
Portions of Sections 2, 4, 9 & 23, T5N, R3W, W.M.
Columbia County

State Forest Division
02/05/2026
This product is for informational use and may not be 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.

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

Unit 1 93 acres (PC)
Unit 2 48 acres (PC)
Unit 3 49 acres (PC)
Unit 4 18 acres (CC)
Unit 5 39 acres (PC)
Unit 6 71 acres (PC)
Total 318 Acres

N



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- Sale Boundary
- Unit Boundary
- No Harvest Area
- Gates
- New Road Construction
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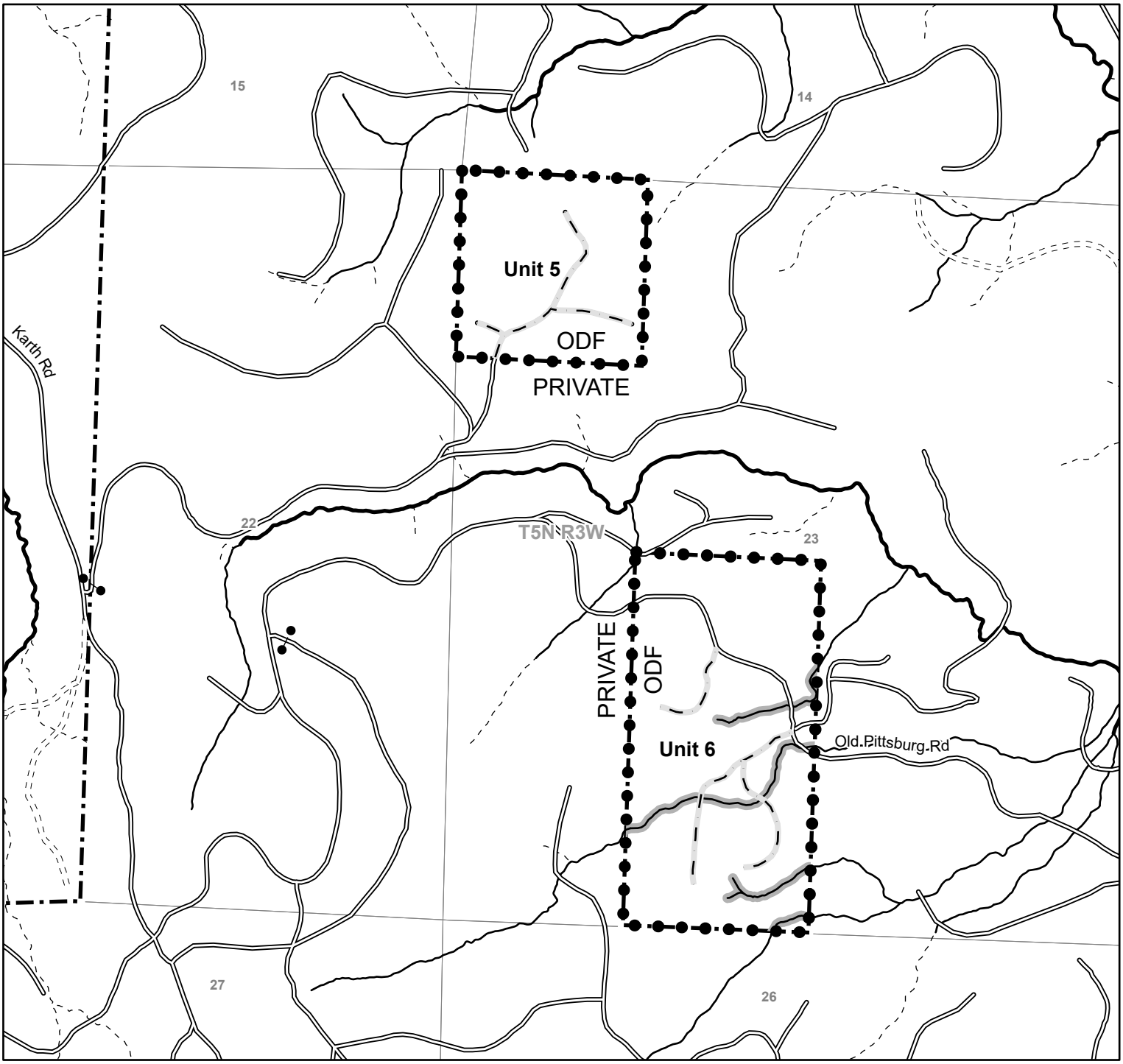

Legend

- Sale Boundary
- No Harvest Area
- Gates
- New Road Construction
- Surfaced Roads
- Unsurfaced Roads
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