Pre-Operations Report

Operation Name: Boyington Thin
Tax Code(s): 1-08, 1-02
County (%): Clatsop (100%)
BOF%: 100% **CSL%:** 0%
Elevation: 596 - 1,232 ft
Sale Quarter: Alternate
Legal Description: T7N R7W, Sections 30, 31; T7N R8W, Sections 23, 25, 26, 27, 36

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, SS-L	54	46	6	276	300	$82,800
2	PC	DF-S, WH-S	243	177	7	1,239	315	$390,285
3	PC	DF-S, SS-S	137	100	6	600	300	$180,000
4	PC	DF-M, WH-S	73	54	7	378	315	$119,070
5	PC	WH-S, DF-S	108	72	6	432	315	$136,080
Total		Regeneration				2,925		
		Partial Cut	615	449				
						Gross Value		$908,235
a. Estimated harvest volume per acre for Unit.						Project Costs		$239,600
b. Estimated 'price' (excluding Project Costs)						Net Value		$668,635

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	23479	M	DF, RA	37	306	11	201	59%	46
2	23485	M	DF, WH	43	179	14	196	52%	74
2	23499	M	DF, WH	39	215	13	190	53%	102
3	23522	M	DF, WH	86	253	12	188	54%	56
3	23542	M	DF, WH	43	332	11	220	65%	42
4	23508	M	DF, WH	44	109	16	147	38%	52
5	23577	M	WH, RA	38	319	11	215	63%	2
5	23599	M	WH, DF	39	167	13	144	40%	70

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.

- Stand #23522 has an incorrect stand age. The age of this stand is similar to Stand #23542 and it is believed they were planted at the same time.
- Stand #23508 is believed to have a higher TPA than is shown. This will be determined in more detail during sale layout.
- 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	23479	1	59	Y		
2	23485	3	175	Y		
2	23499	2	39	Y		
3	23522	0	44	Y		
3	23542	2	673	Y		
4	23508	6	79	Y		
5	23577	7	399	Y		
5	23599	1	87	Y		

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.

- Scotchbroom is present in some locations along haul route

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: There is unsurveyed habitat adjacent to all sale units. The programmatic survey waiver with seasonal restrictions applies.
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	23479	UDS	GEN	46	0
2	23485	UDS	GEN	74	0
2	23499	UDS	GEN	102	0
3	23522	UDS	GEN	56	0
3	23542	UDS	GEN	42	0
4	23508	UDS	GEN	52	0
5	23577	UDS	GEN	2	0

Unit	Stand ID	Current	Desired Future[b]	Net Acres[a]	Inside of HCA Acres
5	23599	UDS	GEN	70	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, WH	DF, WH	120-160	120-160	30-40
2	PC	DF, WH	DF, WH	120-160	120-160	30-40
3	PC	DF, WH	DF, WH	120-160	120-160	30-40
4	PC	DF, WH	DF, WH	120-160	120-160	30-40
5	PC	DF, WH	DF, WH	120-160	120-160	30-40

- **Prescription Considerations:**
  - This unit is a planned healthy conifer first entry thinning primarily outside of the Habitat Conservation Areas. Approximately two acres within Unit 1 is within a Habitat Conservation Area and is intended to be treated the same as the rest of the stand. The intent of thinning within these areas is to promote tree growth 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. It 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. 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.

Table 6. Reforestation

Unit	Planting Species Mix (%)*	TPA*	Considerations (ex. Elevation, SNC, Aspect, Animal Damage)
1	None		
2	None		
3	None		
4	None		
5	None		

* 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	40	60	>65	Verified	Combo
2	20	80	35-65	Verified	Combo
3	40	60	35-65	Verified	All Weather
4	20	80	<35	Simple	All Weather
5	40	60	35-65	Verified	Combo

1. Haul Route:
   - Units 1 and 2: Simmons Ridge and East Simmons Spur roads.
   - Portion of Unit 2, Unit 3 and 4: California Barrel and Spur 30 roads.
   - Unit 5: California Barrel and unnamed private industrial roads.

2. Haul Route Condition:

   - A project is planned for replacement rock and maintenance needs. Interior working spurs will be assessed during sale layout to determine if more extensive road maintenance is needed.
   - Simmons Ridge and California Barrel Roads will be maintained/improved to support the planned log haul. Improvements will be minimal and include spot rocking and grading.
   - Portions of Spur 30 road will be improved with a lift of surfacing rock.

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

   - A road use permit will be required over Lewis & Clark Timberlands to access a portion of Unit 5. This area is covered under the existing Noyes/Hayes permanent easement (#311.04089).

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.7	1.6
Improve, Rock, and/or Maintain	0	4.3	8.2	0.5
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)

   - Opportunities to vacate or block new or existing roads and/or spurs will be considered during sale layout.
   - Dirt spurs will be constructed where possible to minimize costs and limit use of crushed rock.
   - A spur into southern portion of Unit 4 along an old grade will need to be evaluated for suitability of use and evaluation of route alternatives. The final location may change based upon review during sale layout.
   - Rocked spurs will be constructed to access cable ground or short spurs to minimize impacts to existing roads.
   - Improvements/maintenance on spurs will be minimized to support the harvest volume for each unit and the limited availability of crushed rock.

4. Rock Sources for this operation:
   - Simmons Ridge and Elk Mountain Stockpiles.
   - Pit-run is available at the Simmons Ridge and Elk Mountain Quarries.

5. Are property line surveys required for this operation? ☒ No ☐ Yes

   - The property boundary to the south of Unit 5 will need to be located during sale layout. This line has been previously surveyed, blazed and posted. If it cannot be located the line will need to be held back from this area a sufficient distance to ensure that the sale is posted on our ownership.

6. Is there planned new road construction planned within RCAs/HCAs? ☐ No ☒ Yes

   - New road construction within an HCA 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.
   - Unit 1 has a road being constructed through the HCA to access the Northeast corner of the timber sale unit. This will be an unsurfaced, dirt spur and blocked upon completion of use.

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:
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
4	Y	Y
5	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:

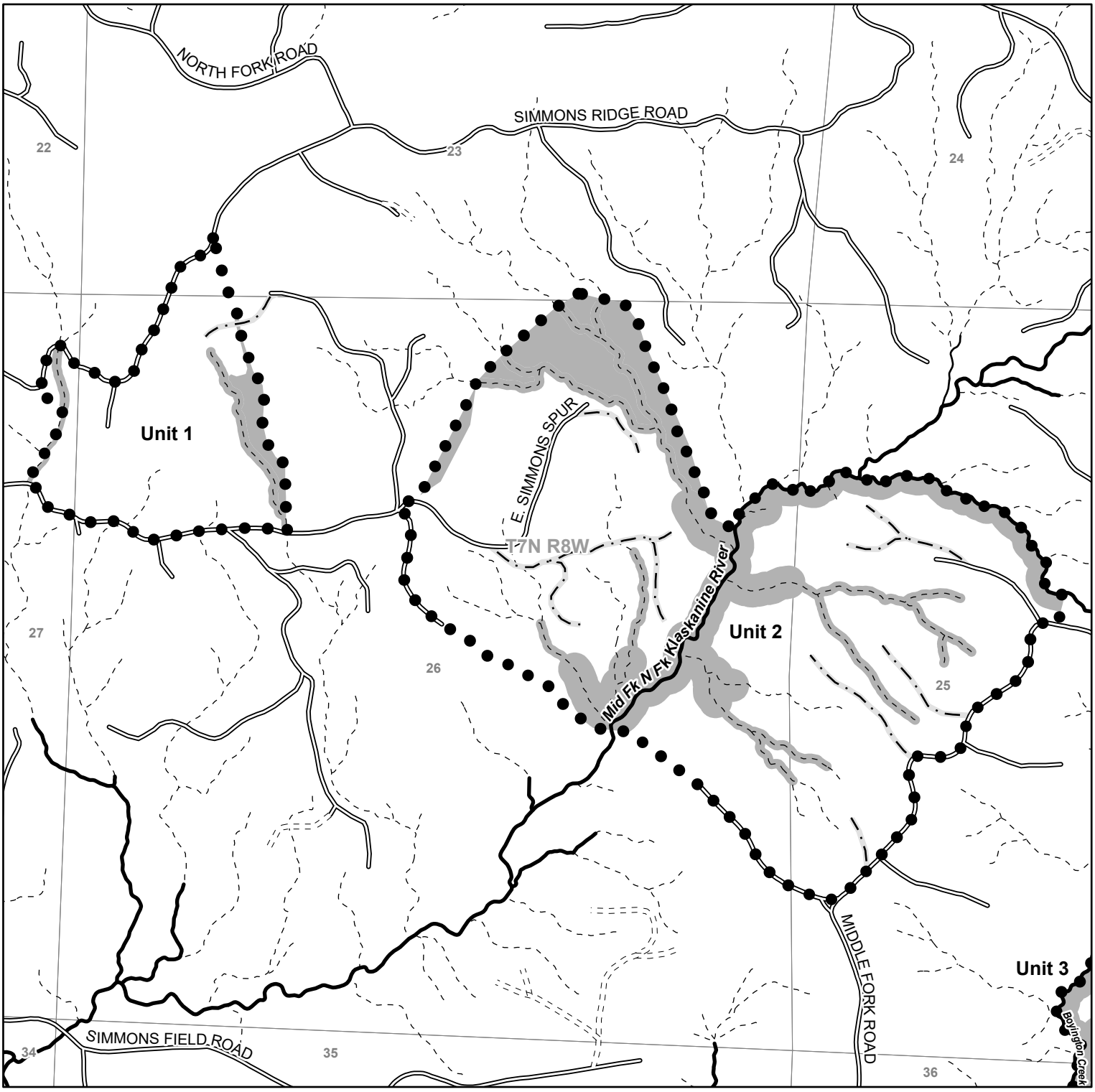
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒ Yes

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:
   - The FLMCS layer shows that there is a Swiss Needle Cast Study Site within Unit 3. This transect is managed by the Astoria ODF office, is no longer in use, and is available for harvest.
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:
   - **Adjacent Landowners (shared property lines):**
     - Private Industrial (Unit 5):
       - District staff will work with adjacent private landowners to determine what additional outreach is needed during the sale process and if any additional restrictions are needed.



Legend

- Sale Boundary
- No Harvest Area
- New Road Construction
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

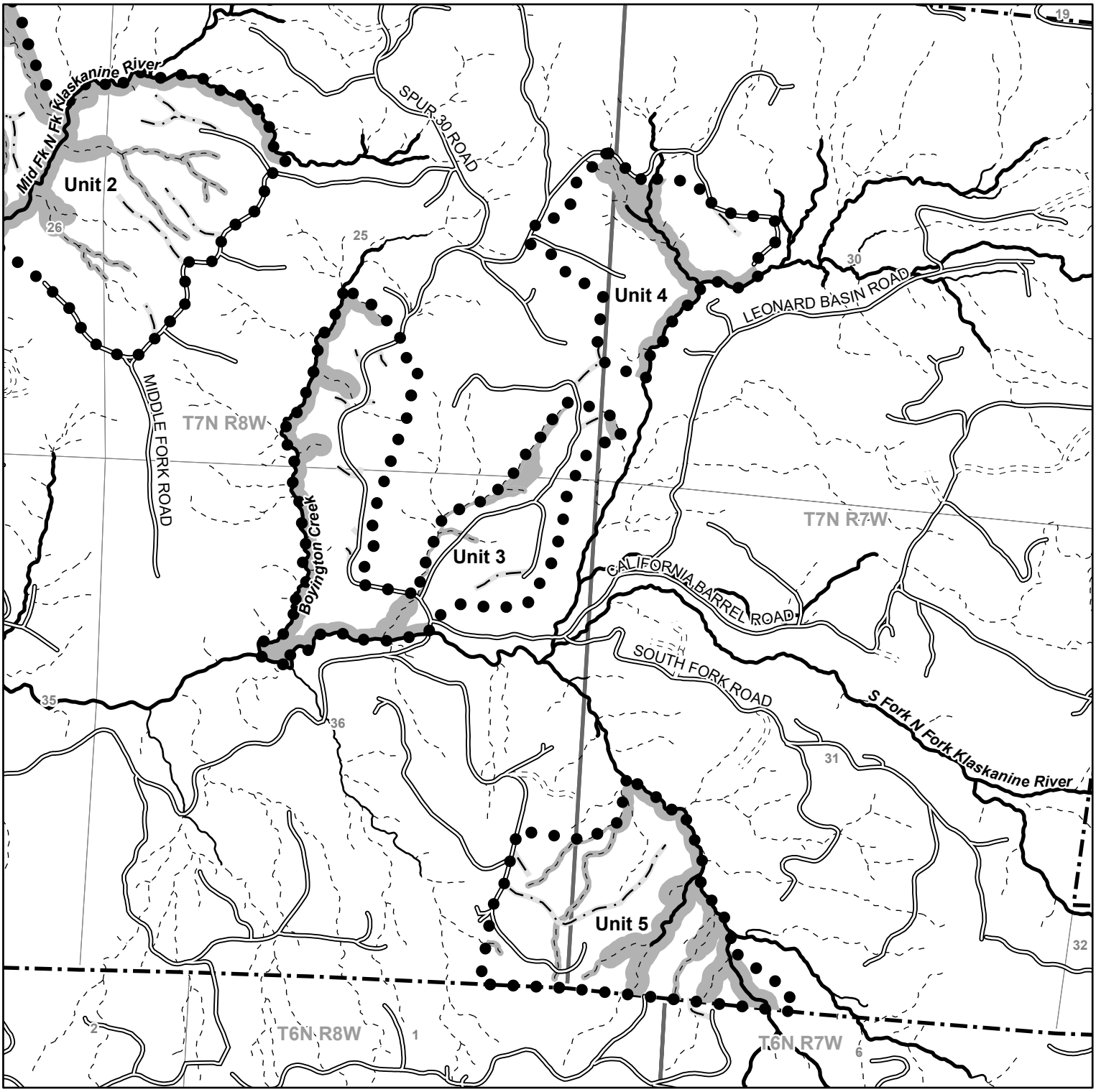
FY 2027 - Astoria District
Boyington Thin
Portions of Section 23, 25, 26, 27, & 36, T7N, R8W,
Portions of Sections 30 & 31, T7N, R7W, W.M.
Clatsop County

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	46 Acres (PC)
Unit 2	177 Acres (PC)
Unit 3	100 Acres (PC)
Unit 4	54 Acres (PC)
Unit 5	72 Acres (PC)
Total	449 Acres

N



Legend

- Sale Boundary
- No Harvest Area
- New Road Construction
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

FY 2027 - Astoria District
Boyington Thin
Portions of Section 23, 25, 26, 27, & 36, T7N, R8W,
Portions of Sections 30 & 31, T7N, R7W, W.M.
Clatsop County

State Forest Division
12/16/2025
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.

1:18,000

1,000 500 0 1,000 Feet

Unit 1	46 Acres (PC)
Unit 2	177 Acres (PC)
Unit 3	100 Acres (PC)
Unit 4	54 Acres (PC)
Unit 5	72 Acres (PC)
Total	449 Acres

N