

Pre-Operations Report

Operation Name: Davis Ridge

County (%): Clatsop (100%)

Elevation: 3 – 367 ft

Legal Description: T8N, R7W, Sections 10, 11, 12, 13, 14

Tax Code(s): 4-03

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

Sale Quarter: 2

I. VOLUME AND VALUE SUMMARY

Table 1. Types, Acres, and Value

Unit	Harvest Type	Anticipated Product ^c	Gross Acres	Net Acres ^d	MBF/ Acre ^a	MBF/ Unit ^a	\$/MBF ^b	\$/Unit
1	CC	WH-S, DF-S	64	56	40	2,240	\$400	\$896,000
2	CC	DF-S, WH-S	125	112	32	3,584	\$400	\$1,433,600
Total		Regeneration	201	168		5,824		
		Partial Cut						
						Gross Value		\$2,329,600
a. Estimated harvest volume per acre for Unit.						Project Costs		\$131,700
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$2,197,900
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)								
d. Current acreage within sale polygon for Unit 2 exceeds 120 acres. On the ground assessments remain of some stream locations and green tree retention areas will be assessed if needed to keep acreage under 120.								

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	23062	I = 23118	WH, DF	50	602	9	264	84%	36
1	23098	I = 23075	WH, DF	61	162	14	177	47%	5
1	24404	I = 23075	WH, DF	61	162	14	177	47%	15
2	23048	I = 99999		2				0%	1
2	23066	I = 23005	RA, BM	63	125	18	226	54%	8
2	23067	M	DF, RA	46	262	12	195	56%	64
2	23077	I = 23075	WH, DF	83	162	14	177	47%	19
2	23090	M	DF, WH	35	268	12	206	59%	16
2	24670	I = 23067	DF, RA	46	262	12	195	56%	3

e. 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).

f. 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.

- Portions of Unit 1 was previously thinned in 2014.
- Stand #23048 is primarily a non-operable stand although there are some hazard trees that will be removed along roadside.

- Unit 1
 - The majority of the unit was planted in the mid-70s. It is believed to have been pre-commercially thinned but there are no existing records on the year. Some internal pockets of timber were thinned in the early 2000s.
 - Stand 23077 was commercially thinned in the mid-70s.
- Unit 2
 - Stand was planted in the mid-60s and mid-70s.
 - The southern portion of the stand was thinned in the early 2000s. The northern portion of the unit was thinned in 2014.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
1	23062	9	157			
1	23098	5	134			
1	24404	5	134			
2	23066	10	159			Knotweed/Bamboo
2	23067	7	328			Knotweed/Bamboo
2	23077	5	134			Knotweed/Bamboo
2	23090	3	945			Knotweed/Bamboo
2	24670	7	328			Knotweed/Bamboo

- 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.

- Knotweed and bamboo have been noted in vicinity of the timber sale. Equipment that works on site should be cleaned prior to moving to another location. Presence of these invasive species should be taken into account during reforestation efforts to ensure that they do not spread through the Unit.

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 your 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: Portions of Unit 1 have survey coverage from 2020/2021; 2022/2023; 2023/2024 expiring on 04/01/2027, 04/01/2029, and 04/01/2030 respectively. Portions of Unit 2 have survey coverage from 2022/2023 and 2023/2024 expiring on 04/01/2029 and 04/01/2030 respectively.

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:

DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
1	23062	UDS	GEN	No	36
1	23098	CSC	GEN	No	5
1	24404	CSC	GEN	No	15
2	23048	NON	GEN	No	1
2	23066	UDS	GEN	No	8
2	23067	LYR	GEN	No	64
2	23077	CSC	GEN	No	19
2	23090	UDS	GEN	No	16
2	24670	LYR	GEN	No	3

- 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	CC					
2	CC					

IV. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
1	40	60	35-65	Simple	All Weather
1	50	50	35-65	Established	All Weather

- Haul Route: Davis Bottom Road and Gnat Creek Ridge Road.
- 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.
 - Davis Bottom Road, DB10, and DB20 Road will be maintained with a lift of surfacing rock. DB10 may have several Type N crossings to replace and will be assessed during sale layout. DB20 road projects will support future sales.
- Are easements required for the haul route? ☒ Yes ☐ No

- An approach permit is required from Clatsop County for portion of new road construction in Unit 2 along Aldrich Point Road. Clatsop County will be contacted for construction and use requirements.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.4	0.2
Improve, Rock, and/or Maintain	0	0.5	3.1	0
Block	0			0.2
Vacate	0		0.1	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)

- A portion of a legacy road in Unit 2 is not currently in use and will be vacated.
4. Rock Sources for this operation:
- Big Noise and Hunt Creek Stockpiles. Pit-run is available at the Big Noise or Hunt Creek Quarry.
5. Are property line surveys required for this operation? ☐ Yes ☒ No
- Surveying was performed on the North boundary of Unit 2.
6. Is there planned new road construction planned within RCAs/HCAs? ☐ Yes ☒ No

V. AQUATIC RESOURCES:

1. Do any streams additional review for the following?
- Fish presence: ☒ No ☐ Yes
 - Perennial/Seasonal: ☐ No ☒ Yes
 - H.E.R./P.D.F.T: ☐ 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 fish presence, 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 Points of Diversion (Domestic Water) located downstream within 3,000 feet of Operations. ☒ No ☐ Yes, describe protection measures:
- Two points of diversion may be located within Unit 2 and one point of diversion is located within approximately 70 feet north of Unit 2.

- Both of these sites were closed in 1989 as part of an agreement to hook the landowners up to the local water system.

4. Is there a Stream Enhancement Project planned? ☒ No ☐ Yes, please describe:

VI. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete?	Public Safety Review Complete?	Additional Comment
1	N	Y	
2	N	Y	

- **Geotech Review:** Harvest Unit Review Complete, Stream Review is not: 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.

VII. RECREATION RESOURCES:

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

VIII. HISTORIC AND CULTURAL RESOURCES:

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

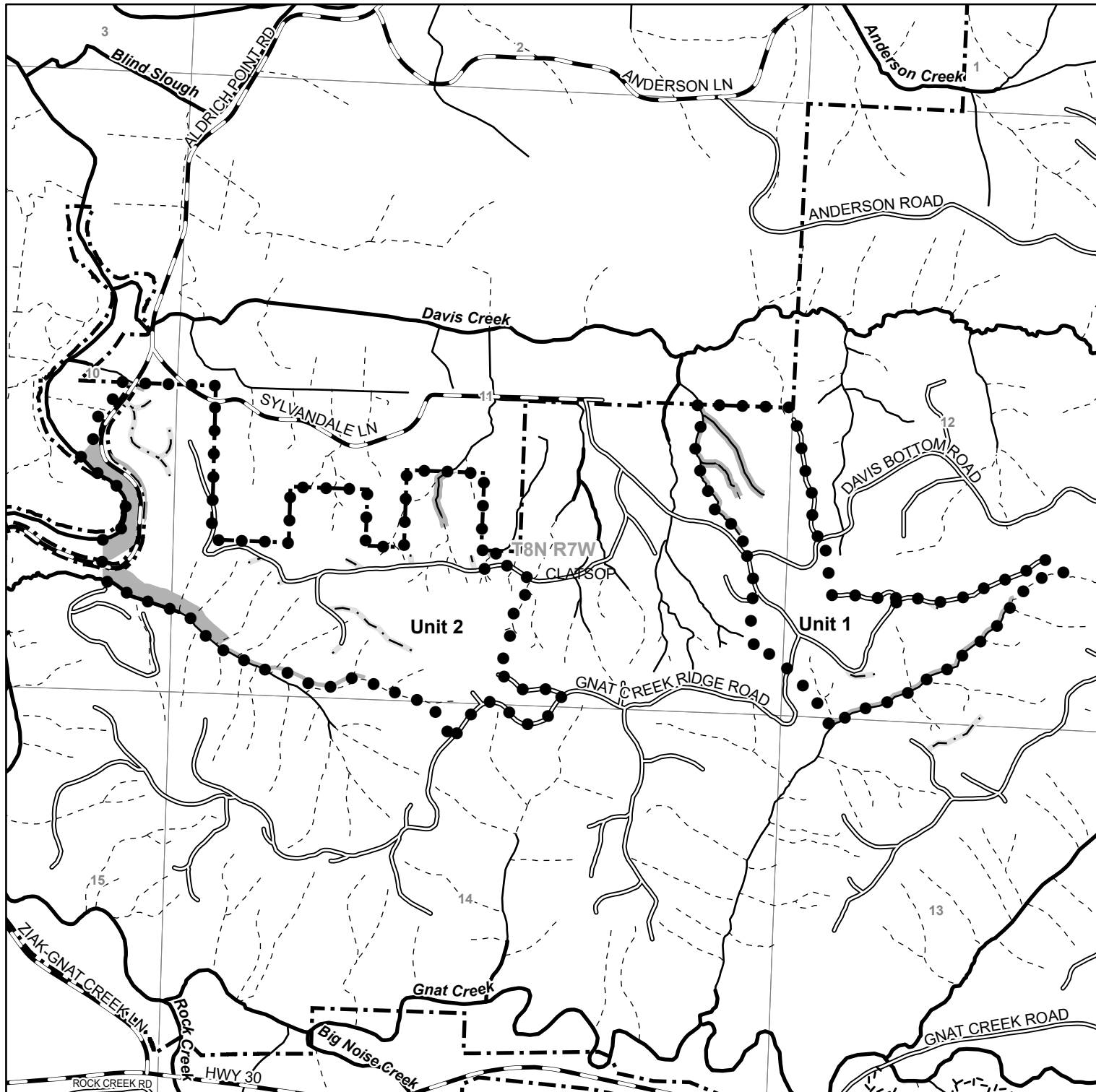
IX. SCENIC RESOURCES:

1. Are there scenic resources in the vicinity of this operation that need additional consideration?
☐ No ☒ Yes, please describe:
- Portions of Units 1 and 2 may be visible from Aldrich Point Road and Ziak-Gnat Creek Lane and this will be taken into account when determining green tree retention strategies.

X. 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: Both Units 1 and 2 have boundaries adjacent to private homeowners. Due to the proximity of homeowners additional restrictions for controlled felling, operating timing restrictions and outreach will be required during sale layout and administration.



Legend

- ● Sale Boundary
- No Harvest Area
- //// Recreation Trails
- New Road Construction
- Paved Roads
- Surfaced Roads
- Perennial Fish Streams
- Perennial Nonfish Streams
- - - Unknown Streams
- Ownership Boundary

FY 2025 - Astoria District Davis Ridge Portions of Sections 10, 11, 12, 13, 14, T8N, R7W, W.M. Clatsop County

State Forest Division
02/15/2024

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 Statewide Stream Layer.

Unit 1	56 Acres (CC)
Unit 2	112 Acres (CC)
Total	168 Acres

1:14,000

1,000 500 0 1,000 Feet

