

Pre-Operations Report

Operation Name: Cronin Too

County (%): Clatsop (76%) / Tillamook (24%)

Elevation: 313 - 2,061 ft

Legal Description: T3N R8W, Section(s) 1; T4N R7W, Section(s) 29, 31, 32, 33

Tax Code(s): 8-01, 5601

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	MBF/Acre ^a	MBF/Unit ^a	\$/MBF ^b	\$/Unit
226	CC	DF-M, RA-S	92	77	22.0	1,694	\$300	\$508,200
227	CC	RA-S, WH-M	106	84	22.0	1,848	\$300	\$554,400
609	CC	RA-S, DF-M	92	80	22.0	1,760	\$300	\$528,000
785	CC	RA-S, WH-L	85	76	22.0	1,672	\$300	\$501,600
Total		Regeneration	376	317		6,974		
		Partial Cut	0	0		0		
						Gross Value		\$2,092,200
a. Estimated harvest volume per acre for Unit.						Project Costs		\$274,250
b. Estimated 'price' (excluding Project Costs)						Net Value		\$1,817,950
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
226	30380	M	DF,WH	10	--	--	--	0%	3
226	36355	I = 37155	DF,RA	63	194	14	195	53%	14
226	36356	M	DF,RA	63	115	16	152	39%	61
227	32698	I = 30990	DF,WH	84	104	18	177	43%	33
227	36354	M	RA,WH	84	239	14	255	68%	51
609	30310	M	DF,WH	10	--	--	--	0%	2
609	36327	M	RA,DF	80	196	13	192	52%	53
609	36331	I = 36332	DF,RA	80	147	15	176	46%	26
785	30999	M	DF,WH	12	--	--	--	0%	1
785	36300	M	RA,WH	73	126	18	210	51%	75

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 stands were planted, and a portion of Unit 227 was retention cut in 2003. The remaining stands have no record of pre-commercial or commercial thinning.
- The younger trees listed for stand 30380 in Unit 226, and stand 30310 in Unit 609, reflect the small strips of areas adjacent to the roads that were harvested with previous timber sales. These areas are included with the sale boundaries because they will be yarded through during harvest, however, the younger trees within them will not be targeted with this harvest.
- The stand boundary for 30999 is drawn incorrectly. Unit 785 does not include 12-year-old trees. The 1 acre shown in the table for stand 30999 should be included with stand 36300 and is shown as such in the remainder of this document.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
226	30380	0	770	--	--	--
226	36355	12	44	--	--	--
226	36356	8	69	--	--	--
227	32698	10	129	--	--	--
227	36354	8	196	--	--	--
609	30310	0	770	--	--	--
609	36327	8	50	--	--	--
609	36331	12	101	--	--	--
785	36300	57	119	--	--	--

- 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)
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:

Notes: Units 609 and 785 are being surveyed in 2023/2024. These surveys expire on 04/01/2030.

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 reports observations of Flett's groundsel (*Packera flettii*) and rosy lewisia (*Lewisia columbiana* variety *rupicola*) in the vicinity of all sale units on open rocky and talus slopes. Access to Unit 785 may require road building on the edge of a proposed Habitat Conservation Area (HCA). Work with ODF Wildlife Biologist assigned to District prior to layout to minimize footprint inside HCA and to minimize disturbance to existing high quality habitat.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
226	30380	REG	GEN	No	3
226	36355	UDS	GEN	No	14
226	36356	UDS	GEN	No	61
227	32698	LYR	GEN	No	33
227	36354	UDS	GEN	No	51
609	30310	REG	GEN	No	2
609	36327	UDS	GEN	No	53
609	36331	UDS	GEN	No	26
785	36300	UDS	GEN	No	1

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.

- The 3 acres of REG in Unit 226 and the 2 acres in Unit 609 represent small strips adjacent to the road that were harvested with the previous adjacent timber harvest. These areas will be yarded through with this timber harvest.

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

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
All	CC	--	--	--	--	--

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
226	100	0	59	Established	All weather
227	100	0	50	Established/Verified	Combo
609	100	0	61	Established/Simple	Combo
785	100	0	48	Simple/Verified	Dry weather

1. Haul Route: North Fork Cronin Creek Rd., 100 Line, 4-7 Ridge Road, Spruce Run Road.

- This sale is behind locked gates.

2. Haul Route Condition: North Fork Cronin Creek Road is being improved with the FY 2022 Four DB Cronin timber sale. 4-7 Ridge Road is on private land owned by Weyerhaeuser Timber Holdings and Stimson Lumber Company. Improvements to 4-7 Ridge Road will need to be negotiated with the road use permit described below.
3. Are easements required for the haul route? ☒ Yes ☐ No
 - A road use permit is needed from Weyerhaeuser and Stimson. Existing easements 311.37080 and 311.3794

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.2	1.26
Improve, Rock, and/or Maintain	0	0	5.67	0
Vacate	0	0	0	0
Stream Crossings to install existing (IE)/replace (R)/new construction (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)

4. Rock Sources for this operation: On site pitrun/jawrun, Astoria district crushed stockpiles.
5. Are property line surveys required for this operation? ☒ Yes ☐ No
 - All the units have property lines and will have to be checked for blazes/markers and surveys. The northern line of area 609 was posted by George Ford in 2002 per Clatsop County Survey B-11388. The eastern lines of areas 226 & 227 were posted by George Ford in 2008 per Clatsop County Survey B-12348. The western property line of area 785 was posted by C. Wayne Cook in 1998 per Tillamook County Survey B2172.
6. Is there planned new road construction planned within RCAs/HCA's? ☒ Yes ☐ No
 - New road construction along the edge of HCA's 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
 - Several unknown streams may exist within the sale. Buffers shown on the map indicate where it is believed streams are located. Unknown streams will be 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:
4. Is there a Stream Enhancement Project planned? ☐ No ☒ Yes, please describe:
 - There is potential for a stream enhancement Project in Cronin Creek (Unit 785). Additional desktop and field reviews shall be conducted to determine the best candidates to focus stream enhancement efforts on over this fiscal year. District State Forest staff 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
226	N	Y	
227	N	Y	
609	N	Y	See road comment
785	N	Y	See road comment

- **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 and 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:

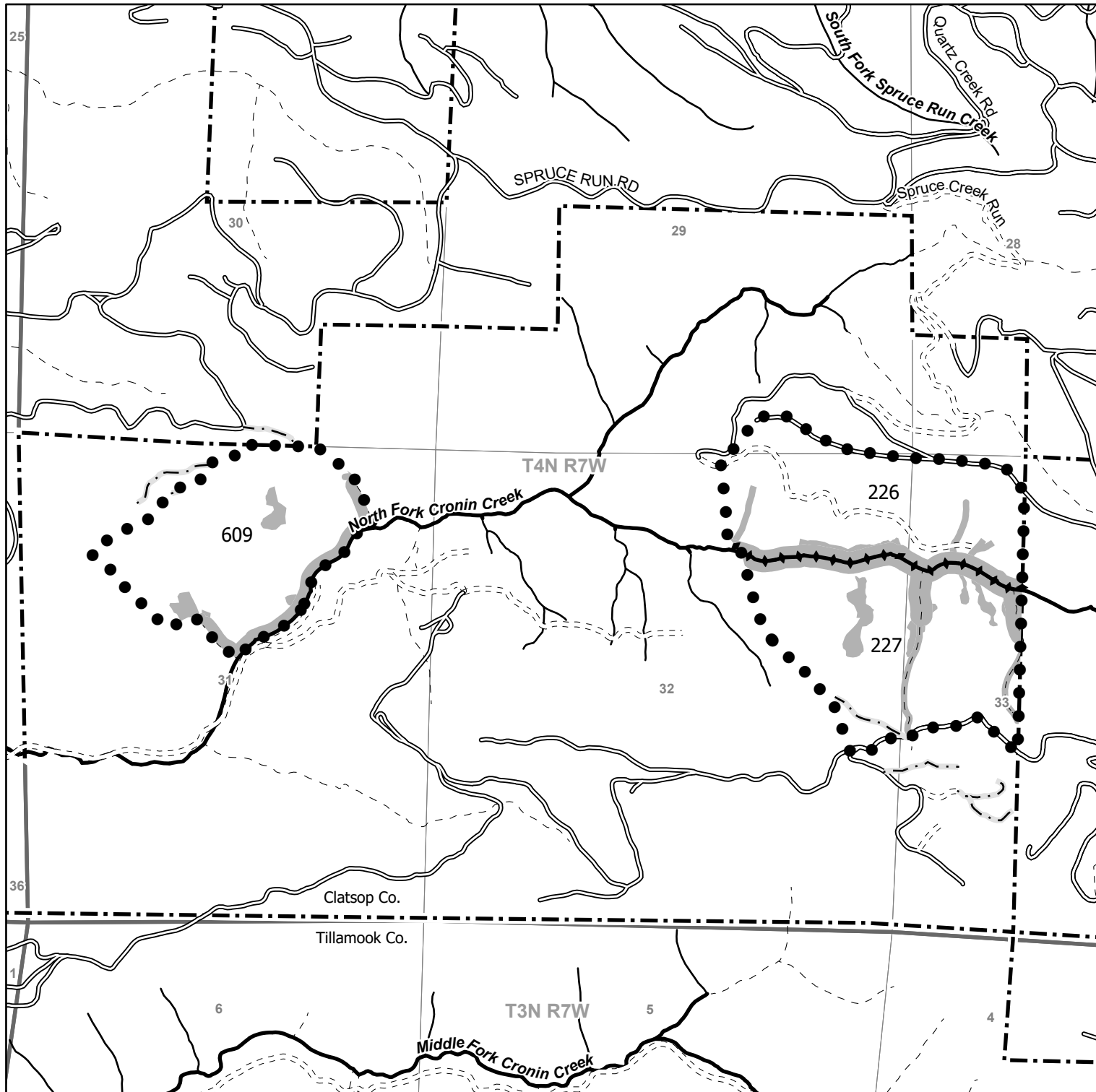
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☒ Yes ☐ No

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: This timber sale is adjacent to industrial landownership.



Legend

- ◆◆ Unit Boundary
- Sale Boundary
- Surfaced
- - - Unsurfaced
- New Road Construction
- Perennial Fish Stream
- Perennial Nonfish Stream
- - - Unknown Streams
- No Harvest Area
- No Harvest - Existing Road; New Construction
- Ownership Boundary

FY 2025 - Tillamook District Cronin Too Portions of Section(s) 1, T3N, R8W; 29, 31, 32, 33 T4N, R7W W.M. Clatsop & Tillamook Counties

State Forest Division
05/10/2024

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey 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.

1:18,000

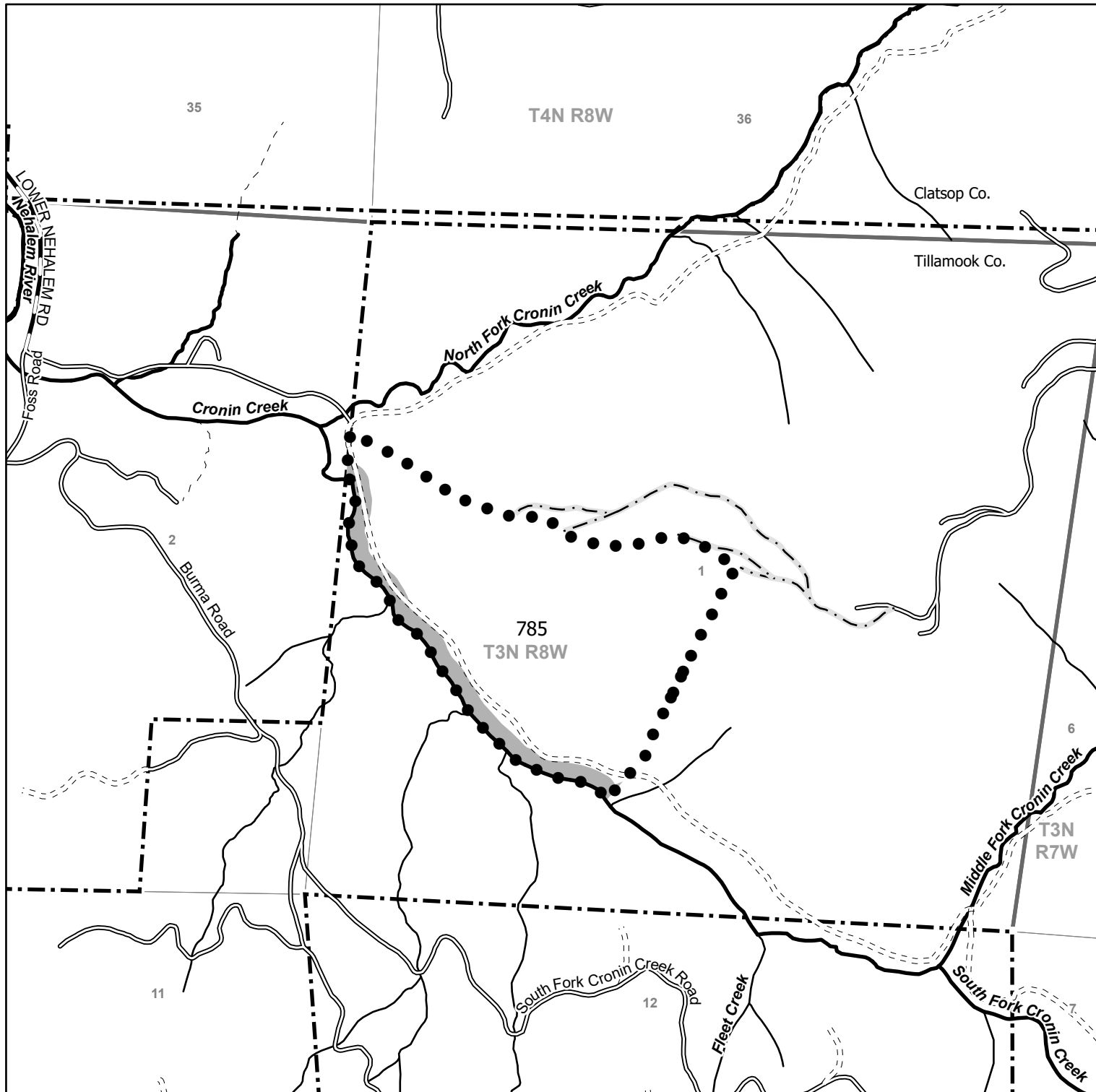
1,000 500 0 1,000 Feet



Unit 226	77 Acres (CC)
Unit 227	84 Acres (CC)
Unit 609	80 Acres (CC)
Unit 785	76 Acres (CC)

Total 317 Acres





- Legend**
- Sale Boundary
 - Paved
 - Surfaced
 - - - Unsurfaced
 - - - New Road Construction
 - Perennial Fish Stream
 - Perennial Nonfish Stream
 - - - Unknown Streams
 - No Harvest Area
 - - - Ownership Boundary

**FY 2025 - Tillamook District
Cronin Too
Portions of Section(s) 1, T3N, R8W;
29, 31, 32, 33 T4N, R7W W.M.
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1:12,000

1,000 500 0 1,000 Feet

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