



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Outback GNA
Sale SW-341-2027-GF7725-01

District: Southwest

Date: May 01, 2026

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$1,282,233.21	\$0.00	\$1,282,233.21
		Project Work:	(\$181,302.00)
		Advertised Value:	\$1,100,931.21



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Timber Description

Location: Portions of Sections 11, 13, 14, 15, 23 & 24 of T29S R2E. Douglas County, Oregon

Stand Stocking: 80%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	14	0	96
Western Hemlock / Fir	15	0	96
Incense Cedar	14	0	96
Ponderosa Pine	15	0	96

Volume by Grade	2S	3S	4S	Camprun	Total
Douglas - Fir	341	2,671	884	0	3,896
Western Hemlock / Fir	148	671	80	0	899
Incense Cedar	0	0	0	109	109
Ponderosa Pine	0	0	0	614	614
Total	489	3,342	964	723	5,518

Comments: Outback GNA Timber Sale

Pond Values Used: Local Pond Values, April 2025

Expected Log Markets: Roseburg & Medford / White City. (Southern Oregon Area)

PRICING:

Other Hardwood: \$10 per MBF

Pulp Price (Conifer and Hardwood): \$1 per TON

Other Costs: (With Profit & Risk to be added):

Equipment Weed Wash: 8 Machines x \$50 per hour = \$400

Equipment Move in Costs: 8 machines x \$275 per hour x 2.5 hours = \$5,500

Other Costs: Ditch Filters & Erosion Control:

24 bales of hay x \$12/bale = \$288

15 lbs native grass seed x \$25 per lbs = \$375

16 Hours of Labor x \$50 /hour = \$800

Other Costs: SUBSOILING – Landings, temporary roads, skid trails and erosion control.

(See attached appraisal, includes move-in costs) - \$27,308

Total Other Costs (with Profit & risk to be added): \$34,671

SLASH PILING

(See attached appraisal. Includes move-in and pile materials) = \$74,934 / \$13.58 per MBF

ROAD MAINTENANCE

(See attached Road Maintenance Cost Summary Sheet)

TOTAL Road Maintenance (Including 2x interim operations and one final) = \$38,035 = \$6.89 per MBF



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Logging Conditions

Combination#: 1	Douglas - Fir	100.00%
	Western Hemlock / Fir	100.00%
	Incense Cedar	100.00%
	Ponderosa Pine	100.00%
Logging System:	Track Skidder	Process: Feller Buncher
yarding distance:	Medium (800 ft)	downhill yarding: No
tree size:	Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF	
loads / day:	9	bd. ft / load: 4200
cost / mbf:	\$264.56	
machines:	Log Loader (B) Stroke Delimber (B) Feller Buncher w/ Delimber Track Skidder	



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Logging Costs

Operating Seasons: 2.00	Profit Risk: 12%
Project Costs: \$181,302.00	Other Costs (P/R): \$34,671.00
Slash Disposal: \$74,934.00	Other Costs: \$0.00

Miles of Road

Road Maintenance: \$6.89

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	8.0	0.0	0.0

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	3.0	4.1
Western Hemlock / Fir	\$0.00	3.0	4.1
Incense Cedar	\$0.00	3.0	4.0
Ponderosa Pine	\$0.00	3.0	4.0



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Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$264.56	\$7.17	\$1.59	\$105.70	\$6.28	\$46.24	\$13.58	\$2.00	\$0.00	\$447.12
Western Hemlock / Fir									
\$264.56	\$7.17	\$1.59	\$105.70	\$6.28	\$46.24	\$13.58	\$2.00	\$0.00	\$447.12
Incense Cedar									
\$264.56	\$7.17	\$1.59	\$108.34	\$6.28	\$46.55	\$13.58	\$2.00	\$0.00	\$450.07
Ponderosa Pine									
\$264.56	\$7.17	\$1.59	\$108.34	\$6.28	\$46.55	\$13.58	\$2.00	\$0.00	\$450.07

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$743.50	\$296.38	\$0.00
Western Hemlock / Fir	\$0.00	\$553.78	\$106.66	\$0.00
Incense Cedar	\$0.00	\$600.00	\$149.93	\$0.00
Ponderosa Pine	\$0.00	\$475.00	\$24.93	\$0.00



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Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00
Western Hemlock / Fir	0	\$0.00	\$0.00
Incense Cedar	0	\$0.00	\$0.00
Ponderosa Pine	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	3,896	\$296.38	\$1,154,696.48
Western Hemlock / Fir	899	\$106.66	\$95,887.34
Incense Cedar	109	\$149.93	\$16,342.37
Ponderosa Pine	614	\$24.93	\$15,307.02

Gross Timber Sale Value

Recovery: \$1,282,233.21

Prepared By: Bennet Wilson

Phone: 541-671-6424

TIMBER SALE SUMMARY

1. **Type of Sale:** Outback GNA is a Recovery sale, sealed bid auction of 230.8 net acres of thinning and 24.4 acres of gaps. 255.2 net acres total.
2. **Revenue Distribution:** 23-GN-11-615-020 Timber Stands Thinning for Umpqua Restoration.
3. **Sale Acreage:** For the sale 230.8 net acres were used for the cruise expansion for the thinning, and 24.4 net acres were used in the cruise expansion for the gap treatment. The same cruise data was used for gap volume expansion; a different harvest prescription was applied to the take and leave trees for the gap volume expansion. Acreage was determined with ArcGIS Pro 3.3.6 and GPS traverse.
4. **Volume:** The majority of volume is in Douglas-fir with some mixed white fir, ponderosa pine, western hemlock and incense cedar. The table below describes the volume by grade over the five-unit sale area. Sugar pine, western white pine and hardwood trees are present in the sale area but are no cut species.
5. **Timber Description:** These stands are 65–79 year-old plantations with mixed conifer of majority Douglas-fir and true fir. Other minor species include Incense cedar, western hemlock, sugar pine and red cedar. The average DBH for take trees are Douglas Fir 14" and white fir/hemlock 14". The cruise report gives a breakdown of log lengths and scaling diameters by species for the combined cruise. The thinning prescription is thin from below. Gaps are marked with a central tree with a double orange band (1/2 acre) or triple orange band (1/4 acre), other retention trees within gaps are marked with a single orange band, gaps retain anywhere from 2 to 6 trees per acre. Trees over 30" DBH are reserved from cutting.
6. **Topography and Logging Method:** The whole sale is ground based, hand falling will be required in areas over 30% slope to fall to a trail or road.
7. **Access:** All hauling routes are located on Federal ground. Access is secured. Road surfacing, blading and culvert replacement(s) / removal(s) are all described in in the sale prospectus, maps, and exhibits. Bridge overload permits are required.
8. **Projects:** See Project Summary: The Outback GNA Summary details the projects which include road improvements and surfacing for \$181,302
9. **Road Maintenance:** Road maintenance costs are included into the project work amount, including pre haul grading, spot rock, new culvert placements, culvert replacements, and surfacing.
10. **Other Costs:** Additional costs were appraised for temporary road closure, in-unit piling, skid trail and landing subsoiling.
11. **Slash Disposal:** Purchaser will pile slash on landings with an excavator or log loader, sorting out firewood into a separate pile. USFS will burn the slash piles.

Outback GNA

Project Work and Other Costs

SW-341-2027-GF7725-01

Project Work Summary	
Project # 1 Road Improvement	\$93,608
Project # 1 Culverts	\$39,611
Project # 2 Temporary Road Construction	\$48,083
Total Project Work	\$181,302

Other Costs (Profit and Risk)	
Road Maintenance	\$38,035
Subsoiling	\$27,308
Slash Disposal	\$74,934

Project # 1 Road Improvement						
Totals	2900 Rd (A to G)	2900-600 (B to B2)	2900-620 (DIRT C to C2)	2830 D to F	2830-960 (DIRT E to E2)	2900-550 G to G2
Length (Ft)	29051	903	372	8545	1303	889
length (Miles)	5.50	0.17	0.07	1.62	0.25	0.17
Stations	290.51	9.03	3.72	85.45	13.03	8.89
Cost/Sta	\$ 228.17	\$ 331.54	\$ 143.00	\$ 233.02	\$ 173.00	\$ 183.50
Total Costs by Segment	\$ 66,284.52	\$ 2,993.84	\$ 531.96	\$ 19,911.79	\$ 2,254.19	\$ 1,631.32
Road Brushing / Grubbing						
Light Brushing (Stations)	290.51			85.45		8.89
\$/STA	\$ 35.00			\$ 35.00		\$ 35.00
Medium Brushing (Stations)			3.72			
\$/STA			\$ 55.00			
Heavy Brushing / light grubbing (Stations)		9.03			13.03	
\$/STA		\$ 85.00			\$ 85.00	
Sub Total	\$ 10,167.85	\$ 767.55	\$ 204.60	\$ 2,990.75	\$ 1,107.55	\$ 311.15
# of Roadside landings (Logger Selects) (Est)	8	1		3		
Landing Road Surfacing (CY)	144	18		54		
Road Surfacing (CY)	0	0		0		
Rock Size	1"-	1"-		1"-		
Total Rock (CY)	144	18		54		
\$ per CY	\$ 35.64	\$ 35.64		\$ 35.64		
Sub Total	\$ 5,132.16	\$ 641.52		\$ 1,924.56		
Spot Rock						
Spot Rock Per Mile (CY)	100	100	N/A - Dirt Road	100	N/A - Dirt Road	60
Total Rock	550	17		162		10
Rock Size	1"-	1"-		1"-		1"-
\$ per CY	\$ 35.64	\$ 35.64		\$ 35.64		\$ 35.64
Sub Total	\$ 19,609.43	\$ 609.53		\$ 5,767.88		\$ 360.05
Ditch clearing (Clear, shape, pull)						
Stations	290.51	9.03	3.72	85.45	13.03	8.89
\$/STA	\$ 18.00	\$ 18.00	\$ 18.00	\$ 18.00	\$ 18.00	\$ 18.00
Sub Total	\$ 5,229.18	\$ 162.54	\$ 66.96	\$ 1,538.10	\$ 234.54	\$ 160.02
Road Grading						
Stations	290.51	9.03	3.72	85.45	13.03	8.89
\$/STA	\$ 40.00	\$ 40.00	\$ 40.00	\$ 40.00	\$ 40.00	\$ 40.00
Sub Total	\$ 11,620.40	\$ 361.20	\$ 148.80	\$ 3,418.00	\$ 521.20	\$ 355.60
Compaction w/ Roller on surface rock			Compact with Dozer	2830	Compact with Dozer	
Stations	290.51	9.03	3.72	85.45	13.03	8.89
\$/STA	\$ 50.00	\$ 50.00	\$ 30.00	\$ 50.00	\$ 30.00	\$ 50.00
Sub Total	\$ 14,525.50	\$ 451.50	\$ 111.60	\$ 4,272.50	\$ 390.90	\$ 444.50
				Project #1 Road Improvement Sub Total		\$ 93,608

Project # 1 Culverts							
Culvert No.	1 - 237+93	2 - 255+21	3 - 272+15	4 - 272+18	5 - 02+90	6 - 46+99	7 - 47+82
Road No.	2900	2900	2900	2900	2900-620	2380	2380
Type	ACSP	ACSP	ACSP	ACSP	ACSP	ACSP	ACSP
Length (Ft)	50	50	40	50	50	40	50
Diameter	24	36	24	48	36	36	24
Rock Armor(12"-24") CY	8	8	8	12	10	10	8
Bedding and Leveling Rock CY 3/4"-0"	10	14	10	24	14	14	10
Rock surfacing over replacement CY 1"-0"	10	12	10	12	12	12	10
Rock Armor Cost	\$ 285.12	\$ 285.12	\$ 285.12	\$ 427.68	\$ 356.40	\$ 356.40	\$ 285.12
Bedding and Leveling Rock Cost	\$ 356.40	\$ 498.96	\$ 356.40	\$ 855.36	\$ 498.96	\$ 498.96	\$ 356.40
Rock Surfacing Cost	\$ 356.40	\$ 427.68	\$ 356.40	\$ 427.68	\$ 427.68	\$ 427.68	\$ 356.40
Cost per Culvert Foot	\$ 38.50	\$ 57.00	\$ 38.50	\$ 75.00	\$ 57.00	\$ 57.00	\$ 38.50
Price of Culvert	\$ 1,925.00	\$ 2,850.00	\$ 1,540.00	\$ 3,750.00	\$ 2,850.00	\$ 2,280.00	\$ 1,925.00
Banding	\$ 100.00	\$ 100.00	\$ 80.00	\$ 100.00	\$ 100.00	\$ 80.00	\$ 100.00
Culvert Material Subtotal	\$ 2,310.12	\$ 3,235.12	\$ 1,905.12	\$ 4,277.68	\$ 3,306.40	\$ 2,716.40	\$ 2,310.12
Culvert Installation Costs							
Est. hours	6	6	6	16	12	12	6
Excavation and Backfill Costs	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 2,800.00	\$ 2,100.00	\$ 2,100.00	\$ 1,050.00
Compaction Cost	\$ 750.00	\$ 750.00	\$ 750.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 750.00
Hay & Grass seed Cost	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00
Material and Installation Cost per Culvert	\$ 4,160.12	\$ 5,085.12	\$ 3,755.12	\$ 9,127.68	\$ 6,956.40	\$ 6,366.40	\$ 4,160.12
					Project #1 Culverts Sub Total		\$ 39,611

ROAD SEGMENT: 2900 Rd				POINT TO POINT:		Sta. To Sta.		Total Volume (CY)
Application	Rock Size and Type	Location	Depth of Rock (inches)	A to G		0+00 to 290+51		
				Volume (CY) Per		Number of		
Spot Rock	1-0" crushed	n/a	n/a					550
Landings	1-0" crushed	n/a	3"	landing(s)	18	landings	8	144
Culvert Leveling and Bedding Rock	3/4"-0" crushed	237+93, 255+21, 272+15, 272+18	n/a			Culvert(s)	4	58
Surface over culvert replacement	1-0" crushed		n/a			Culvert(s)	4	44
Rock Armoring	12" - 24"		n/a			Culvert(s)	4	36
Total Rock for Road Segment:			A to G					832
ROAD SEGMENT: 2900-600				POINT TO POINT:		Sta. To Sta.		Total Volume (CY)
Application	Rock Size and Type	Location	Depth of Rock (inches)	B to B2		0+00 to 9+03		
				Volume (CY) Per		Number of		
Spot Rock	1-0" crushed	n/a	n/a					17
Landings	1-0" crushed	n/a	3"	landing	18	landings	1	18
Total Rock for Road Segment:			B to B2					35
ROAD SEGMENT: 2900-620				POINT TO POINT:		Sta. To Sta.		Total Volume (CY)
Application	Rock Size and Type	Location	Depth of Rock (inches)	C to C2		0+00 TO 3+72		
				Volume (CY) Per		Number of		
Culvert Leveling and Bedding Rock	3/4"-0" crushed	02+90	n/a			culverts	1	14
Surface over culvert replacement	1-0" crushed		n/a			culverts	1	12
Rock Armoring	12" - 24"		n/a			culverts	1	10
Total Rock for Road Segment:			C to C2					36
ROAD SEGMENT: 2900-550				POINT TO POINT:		Sta. To Sta.		Total Volume (CY)
Application	Rock Size and Type	Location	Depth of Rock (inches)	G to G2		0+00 to 8+09		
				Volume (CY) Per		Number of		
Spot Rock	1-0" crushed	n/a	n/a					10
Total Rock for Road Segment:			G to G2					10
ROAD SEGMENT: 2830 Rd				POINT TO POINT:		Sta. To Sta.		Total Volume (CY)
Application	Rock Size and Type	Location	Depth of Rock (inches)	D to F		0+00 to 85+45		
				Volume (CY) Per		Number of		
Spot Rock	1-0" crushed	n/a	n/a					162
Landings	1-0" crushed	n/a	3"	landing	18	landings	3	54
Culvert Leveling and Bedding Rock	3/4"-0" crushed	46+99, 47+82	n/a			culverts	2	24
Surface over culvert replacement	1-0" crushed		n/a			culverts	2	22
Rock Armoring	12" - 24"		n/a			culverts	2	18
Total Rock for Road Segment:			D to F					280

ROAD IMPROVEMENT ROCK TOTALS (CY)	Spot rock 1"-0"	Landing Surfacing Rock 1"-0"	Culvert Replacement Surfacing (1"-0"	(24-12" (Riprap)	3/4" - 0"
Total: 1,193(CY)	739	216	78	64	96

Project # 2 Temporary Road Construction					
Unit	Unit 110 Temp Road	Unit 140 Temp roads	Unit 150 Temp Road	Unit 160 Temp roads	
Length Ft	3,995	4,809	1,020	1,825	
Total Stations	39.95	48.09	10.20	18.25	
Grubbing\$/STA	\$ 200.00	\$ 175.00	\$ 175.00	\$ 175.00	
Re-construction / shaping \$/STA	\$ 200.00	\$ 200.00	\$ 200.00	\$ 200.00	
Temp Culvert (Material + Install)	\$ 600.00	\$ 1,400.00	\$ 1,400.00		
Total Costs by Segment	\$ 16,580.00	\$ 19,433.75	\$ 5,225.00	\$ 6,843.75	
			Project #2 TOTAL	\$ 48,083	

Road Maintenance Cost Summary (Interim and Post Harvest)

Sale: Outback GNA
Date: April 24, 2026
By: Brianna Hunt

MBF: 5,518
\$/MBF: \$6.89

Type	Equipment/Rationale	Move-in Rate	Times	Hours	Rate	Cost
Interim Operations Year 1	Grader 14G	\$1,384	1	20	\$126	\$3,904
	Dump Truck 12CY	\$288	2	20	\$110	\$2,776
	Rubber Tired Backhoe - small	\$576	1	8	\$97	\$1,352
	Vibratory Roller	\$1,384	1	20	\$97	\$3,324
Final Road Maintenance	Grader 14G	\$1,384	1	31	\$126	\$5,290
	Dump Truck 12CY	\$288	2	34	\$110	\$4,316
	Vibratory Roller	\$1,384	1	30	\$97	\$4,294
	Water Truck 2,500 gallon	\$288	1	53	\$113	\$6,277
	C315 Excavator	\$1,384	1	34	\$127	\$5,702
	Labor			16	\$50	\$800
Total						\$38,035

Interim Operations Road Maintenance

Production Rates	Miles/day	Distance (miles)	Days	Hours
Grader	3.0	7.5	2.5	20

Production Rates	Miles/day	Distance (miles)	Days	Hours
Vibratory Roller	3.0	7.5	2.5	20

Final Road Maintenance*

Production Rates	Miles/day	Distance (miles)	Days	Hours
Grader	2.0	7.8	3.9	31
Vibratory Roller	2.0	7.5	3.8	30

Process and compact: All crushed rock roads - Dirt road segments : grading only
2900 Rd (A to G) 5.5 miles- Once and final
2900 to 600 (B to B2) 0.17 miles- Once and Final
2900 to 620 (C to C2) 0.07 miles- Final only DIRT
2830 Rd (D to F) 1.62 miles- Once and Final
2830 to 960 (E to E2) 0.25 miles- Final Only DIRT
2900 to 550 (G to G2) 0.17 miles- Once and Final

Other Costs - Subsoiling & Erosion Control

Sale: Outback GNA
Date: June 1, 2026
By: Bennet Wilson

Subsoiling Costs	MBF:	5,518
	\$/MBF:	\$4.95

Type	Equipment/Rationale	Move-in Rate	Times	Hours	Rate	Cost
Subsoil - Landings	Excavator	\$1,500	2	32	\$110	\$6,520
Subsoiling - Temp Roads	Excavator	\$1,500	2	32	\$110	\$6,520
Subsoiling - Skid Trails	Excavator	\$1,500	2	102	\$110	\$14,268
Erosion Control	Labor	\$200	2	72	\$50	\$4,000
Subsoiling Total :						\$27,308

Subsoiling - landings				
Production Rates	Acres / Day	Acres	Days	Hours
Excavator	1.5	6.0	4.0	32
Subsoiling - Temp Roads				
Production Rates	Miles / Day	Miles	Days	Hours
Excavator	0.5	2.0	4.0	32
Subsoiling - Skid Trails				
Production Rates	Acres / Day	acres	Days	Hours
Excavator	2.0	25.6	12.8	102
Erosion Control				
Production Rates	Acres / Day	Acres	Days	Hours
Labor	2.0	18.0	9.0	72

Other Costs - Slash Disposal

Sale: Outback GNA
Date: June 1, 2026
By: Bennet Wilson

Slash Disposal	MBF:	5,518
	\$\$/MBF:	\$13.58

Type	Equipment/Rationale	Move-in Rate	Times	Hours	Rate	Cost
Landing Piling	Log Loader and or Excavator	\$1,500	2	24	\$126	\$6,024
In-Unit Piling	Excavator	\$1,500	2	510	\$126	\$67,310
Pile Covering	Labor + Plastic	\$200	2	24	\$50	\$1,600
Slash Disposal Total :						\$74,934

Landing Piling					
Production Rates	Acres / Day	Total		Days	Hours
Log Loader	2.0	6.0		3.0	24
In-Unit Piling					
Production Rates	Acres / Day	Acres		Days	Hours
Log Loader	4.0	255.2		63.8	510

OREGON DEPARTMENT of FORESTRY CRUISE REPORT

1. **Acreage Calculation:** For the Outback GNA Timber Sale, there are 255.2 net cruise acres with 230.8 net acres of thinning and 24.4 net acres of gaps in the sale area determined by a combination of GPS traverse waypoints and ArcGIS Pro 3.3.6 software. Net acres do not include the riparian buffers.
2. **Cruise Method:** A variable plot cruise was conducted on the sale area by ODF from January 2026 – March 2026.
3. **RIGHT of WAY VOLUMES:** There is currently no right of way volume associated with this sale. Merchantable trees will need to be cut for temporary road construction.
4. **Sampling Intensity:**

95 Total Plots (45 Measure, 49 Count Plots) Plot 1 in Unit 110 and Plot 11 in Unit 120 were dropped due to falling out of the sale area. Plot 4 in Unit 120 and Plot 2 in Unit 150 were dropped due to falling into a reserve area outside the timber sale. (99 planned plots)

CV (BDFT)	<u>86.72%</u> (take)
SE (BDFT)	<u>7.99%</u> (take)

According to ODF standards, total harvest volume of conifers and hardwoods (“take” trees) is estimated to be 5,518 MBF ± 441 MBF at the 68% confidence level and a standard error of 7.99%. Sixty-eight times out of 100 the volume estimate will be between 5077 MBF and 5959 MBF.
5. **Computation Procedures: Volume** was computed using the SuperACE cruise program. Volumes reported are based on the Scribner Log Rule (West).
6. **Form Factors: Form** factors (a ratio of diameter at 4 and 16 feet) were sampled across the diameter distribution in all strata. Those form factors which were not measured were estimated by SuperACE.
7. **Height Standards:** Most conifer trees were measured for total merchantable height (5” top) with a laser rangefinder (Measure Plots) or to the anticipated breakage point.
8. **Diameter standards:** Diameters were measured outside bark at breast height to the nearest inch.
9. **Grading System:** Trees were graded primarily as 34 foot segments lengths and according to the Official Log Scaling and Grading Rules published by the Northwest Log Rules Advisory Group.
10. **Merchantable top:** Conifer were graded to a merchantable top specified by the official log scaling rules. For all species except pine & cedar, 2S segments were graded to a 12” top inside bark, 3S to a 6” top, and 4S to a 5” top (inside bark). Sugar and western white pine 4S logs were graded to a 12” top (inside bark), 5S to a 6” top, and 6S to a 5” top (inside bark). Ponderosa pine and incense cedar received camp run grades for all sizes (5” top & 20 BdFt net minimum). Only trees / segments with at least 20 BdFt net were recorded. Only trees over 8” DBH and over 12’ in height were recorded, no dead trees where recorded.
11. **Deductions for Cull, Defect and Breakage:** All visible field cull was removed in the cruise computation. Additional volume was deducted for the anticipated amount of hidden cull and breakage during logging was calculated in the appraisal with a 96% recovery for all species (4% breakage & hidden cull).
12. **Conversion Factors:** The sale will be sold and billed using westside scale or long log scale. The conversion from long log to short log for this sale is 1.29. There are 3.97 Board foot/cubic foot long log and 4.73 BF/CF short log scale. Pulp loads do not have board foot in them, but for conversion purposes, we would use 1,500 BF/load long log.
13. **Cruisers:** Cruising was performed by Bennet Wilson, Brianna Hunt, and Matt Beach.

VOLUME SUMMARY

Volume By Unit

CRUISE VOLUME PER ACRE

Species (Take)	Strata	2 Saw	3 Saw	4 Saw	CR	Cruise Vol/Acre
Douglas-fir	NA	1,338	10,466	3,464	0	15,268
White Fir	NA	386	2,227	256	0	2,869
Hemlock	NA	191	405	60	0	656
Ponderosa Pine	NA	0	0	0	2,404	2,404
Incense Cedar	NA	0	0	0	427	427
Sale Volume		1,915	13,098	3,780	2,831	18,793

TOTAL VOLUME BF

NET ACRES	Species (Take)	2 Saw	3 Saw	4 Saw/CR	Total Volume
255.2	Douglas-fir	341,458	2,670,923	884,013	3,896,394
255.2	White Fir	98,507	568,330	65,331	732,169
255.2	Hemlock	48,743	103,356	15,312	167,411
255.2	Ponderosa Pine	0	0	613,501	613,501
255.2	IC	0	0	108,970	108,970
255.2	Sale Volume	488,708	3,342,610	1,687,127	5,518,445
				MBF	5,518

SALE VOLUME BY GRADE MBF					
Species	2 Saw	3 Saw	4 Saw	CR	Total
DF	341	2,671	884		3,896
White Fir	99	568	65		732
Hemlock	49	103	15	0	167
Ponderosa Pine				614	614
Incense Cedar				109	109
Sale Volume	489	3,343	965	722	5,518

Unit	Stand	Thinning Acres	Gap Acres
1	110	80.6	11.7
2	120	27.9	1.3
3	140	65.4	7.4
4	150	25.7	2.9
5	160	31.3	1.0
	Total	230.9	24.3

SALE VOLUME BY GRADE PERCENTAGE					
	2 Saw	3 Saw	4 Saw	CR	Total
DF	6%	48%	16%		71%
WF	2%	10%	1%		13%
Hemlock	0.9%	1.9%	0.3%		3%
PP				11%	11%
IC				2%	2%
Sale Volume	9%	61%	17%	13%	100%

SE	Volume Error
7.99%	441,127
Low Range	High Range
5,077,317.5	5,959,572.1

** Volume Estimates by Unit are not as accurate as the total sale volume. Cutout volumes will be more accurate for the total volume than individual units. ODF does not guarantee the volume of this or any other cruise. Prospective purchasers are advised to do their own cruise and sale. These volumes reflect merchantable saw logs. Special Cull, Peelable cull and utility grades are not cruised but are apart of the required removal for the sale. A small amount of pulp logs could be harvested from the sale area.

***ODF does not guarantee the volume of this or any other cruise. Prospective purchasers are advised to do their own cruise and sale volume calculations. Additional SuperAce Reports available upon request.**

Reviewed by /s *Chris Rudd* 6-12-2026, Unit Forester:

OUTBACK GNA

SuperACE REPORTS

State, County: OR	DOUGLAS	Lths: ACI-2023	Species: GEN WEST	Page: 1/1
Project: OUTBACK		#Plots 95	Sort: WESTSIDE	Date: 06/10/2026
Tract: OUTBACK : OUTBACK GAPS		# Trees: 536	Grade: ROSEBURG WESTSIDE	Cruised:
Stand: 110 : 160G		# Measured Trees: 262	Price: ACI-2018	Grown To:
Acres: 255.20		# Count Trees: 274	Cost: ACI-2023	Edited:

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	44	262	5.95	108.213	24,986	1.05
Basal DBH Count Plots (B)	51	274	5.37	104.996	24,243	1.13

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR	L	87	18.3	107	51.346	93.98	21.96	98.1	8.3	101	35.30	16.045	9,007	4,095
DOUG FIR	T	94	14.1	88	99.875	108.50	28.88	119.8	9.6	103	36.03	15.268	9,194	3,896
PONDEROS	L	24	20.1	102	9.727	21.52	4.79	99.5	15.5	18	7.35	2.772	1,876	707
PONDEROS	T	19	14.9	89	18.716	22.76	5.89	125.8	19.6	16	6.55	2.404	1,672	614
CON FIR	L	9	22.2	119	2.260	6.08	1.29	135.3	39.1	6	2.42	1.132	617	289
CON FIR	T	17	16.3	101	13.262	19.32	4.78	146.9	22.7	17	6.86	2.868	1,750	732
INC CED	L	3	18.5	81	2.301	4.30	1.00	137.4	36.7	3	1.45	.452	371	115
INC CED	T	4	14.1	49	6.830	7.42	1.97	99.8	22.3	4	1.76	.427	449	109
WHEMLOCK	T	5	14.1	77	4.736	5.14	1.37	185.3	65.5	6	1.92	.655	489	167
		262	15.9	93	209.053	289.01	71.93	107.6	7.8	273	99.63	42.023	25,425	10,724

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1	68.26	72.73	2.28	282	289	296	211	52	23
Sample Trees CF	1	68.26	65.35	2.05	64	66	67	170	42	18

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	1	1	1
Required Measured Trees per Plot - CuFt per Acre	1	1	1

Species Summary - Trees, BA, QMD, Volumes

State, County: OR DOUGLAS

Lths & Dias ACI-2023

Species: GEN WEST

Page: 1/1

Project: OUTBACK

Plots: 95

Sorts: WESTSIDE

Date: 06/10/2026

Tract: OUTBACK : OUTBACK GAPS

Trees: 536

Grade: ROSEBURG WESTSIDE

Cruised:

Stand: 110 : 160G

Measured Trees: 262

Price: ACI-2018

Grown To:

Acres: 255.20

Count Trees: 274

Cost: ACI-2023

Edited:

Species	Status	Trees /Acre	BA /Acre	QM Dbh	Avg Tot Ht	Logs /Acre	Lbs /Ccf	Tons /Mbf	Tons /Acre	Net CuFt /Acre	Net BdFt /Acre	Total Tons	Total Net Ccf	Total Net Mbf
DF	L	51.346	93.98	18.3	107	122.112	5,700	6.27	101	3,530	16,045	25,671	9,007	4,095
DF	T	99.875	108.50	14.1	88	196.686	5,700	6.73	103	3,603	15,268	26,204	9,194	3,896
PP	L	9.727	21.52	20.1	102	22.576	4,800	6.36	18	735	2,772	4,502	1,876	707
PP	T	18.716	22.76	14.9	89	33.321	4,800	6.54	16	655	2,404	4,012	1,672	614
WF	L	2.260	6.08	22.2	119	6.004	5,000	5.34	6	242	1,132	1,543	617	289
WF	T	13.262	19.32	16.3	101	26.755	5,000	5.98	17	686	2,868	4,374	1,750	732
IC	L	2.301	4.30	18.5	81	5.280	4,500	7.24	3	145	452	834	371	115
IC	T	6.830	7.42	14.1	49	10.628	4,500	9.28	4	176	427	1,011	449	109
WH	L	0.000	0.00			0.000	6,200	0.00						
WH	T	4.736	5.14	14.1	77	7.801	6,200	9.07	6	192	655	1,516	489	167
Tots / Avgs		209.053	289.01	15.9	93	431.164	5,480	6.50	273	9,963	42,023	69,668	25,425	10,724
Conifers		209.053	289.01	15.9	93	431.164		6.50	273	9,963	42,023	69,668	25,425	10,724
Hardwoods		0	0		0	0		0.00						

Stand Summary - Size Class by Species

State, County: OR DOUGLAS Lths & Dias: ACI-2023 Species GEN WEST Page: 1/1
 Project: OUTBACK # Plots: 95 Sort: WESTSIDE Date: 06/10/2026
 Tract: OUTBACK : OUTBACK GAPS # Trees: 536 Grade: ROSEBURG WESTSIDE Cruised:
 Stand: 110 : 160G # Meas Trees: 262 Price: ACI-2018 Grown To:
 Acres: 255.20 # Count Trees: 274 Cost: ACI-2023 Edited:

		Dbh		Smpl Trees	Avg Age	Avg FF	Avg Total Ht	Trees /Ac	BA /Ac	Logs /Ac	Net Per Log		Net Per Acre			BdFt Def %	Total Net		
Spp	St	Class	Range								CuFt	BdFt	Tons	CuFt	BdFt		Tons	Ccf	Mbf
DF	L	POLES	6.5 - 11.4	0	65	0.90	82	2.330	1.27	3.463	12	47	1	40	161	0.0	290	102	41
DF	L	SMALL SAW	11.5 - 21.4	63	63	0.89	105	40.555	65.94	93.291	25	112	68	2,376	10,465	1.3	17,282	6,064	2,671
DF	L	LARGE SAW	21.5 - 39.4	24	61	0.89	124	8.460	26.77	25.358	44	214	32	1,114	5,419	2.5	8,099	2,842	1,383
DF-L				87	63	89	107	51.346	93.98	122.112	29	131	101	3,530	16,045	1.7	25,671	9,007	4,095
DF	T	POLES	6.5 - 11.4	14	53	0.86	66	31.944	17.21	43.619	9	38	12	413	1,659	1.2	3,001	1,053	423
DF	T	SMALL SAW	11.5 - 21.4	79	60	0.88	97	65.773	85.37	145.324	20	86	84	2,949	12,533	0.8	21,449	7,526	3,198
DF	T	LARGE SAW	21.5 - 39.4	1	60	0.90	115	2.159	5.92	7.744	31	139	7	241	1,075	0.8	1,754	616	274
DF-T				94	58	87	88	99.875	108.5	196.686	18	78	103	3,603	15,268	0.8	26,204	9,194	3,896
PP	L	SMALL SAW	11.5 - 21.4	15	53	0.83	94	7.015	11.89	15.378	24	82	9	367	1,261	1.4	2,246	936	322
PP	L	LARGE SAW	21.5 - 39.4	9	50	0.87	120	2.742	9.67	7.198	51	210	9	368	1,511	0.6	2,257	940	386
PP-L				24	52	84	101	9.757	21.56	22.576	33	123	18	735	2,772	1	4,502	1,876	707
PP	T	POLES	6.5 - 11.4	0	50	0.90	83	2.378	1.05	2.251	12	43	1	27	98	7.0	164	68	25
PP	T	SMALL SAW	11.5 - 21.4	19	50	0.85	89	16.073	20.84	30.301	20	72	14	597	2,170	1.0	3,653	1,522	554
PP	T	LARGE SAW	21.5 - 39.4	0	50	0.89	118	0.265	0.88	0.769	41	177	1	32	136	0.0	194	81	35
PP-T				19	50	86	89	18.716	22.76	33.321	20	72	16	655	2,404	1.2	4,012	1,672	614
WF	L	SMALL SAW	11.5 - 21.4	3	62	0.89	108	0.883	1.49	1.765	29	129	1	50	227	0.0	321	129	58
WF	L	LARGE SAW	21.5 - 39.4	6	54	0.88	126	1.377	4.59	4.239	45	213	5	192	905	3.1	1,222	489	231
WF-L				9	57	89	119	2.26	6.08	6.004	40	189	6	242	1,132	2.5	1,543	617	289
WF	T	POLES	6.5 - 11.4	1	50	0.86	67	1.055	0.58	1.055	11	50		11	53	0.0	73	29	13
WF	T	SMALL SAW	11.5 - 21.4	12	58	0.89	94	11.581	15.45	21.511	23	93	12	494	2,005	2.8	3,155	1,262	512
WF	T	LARGE SAW	21.5 - 39.4	4	54	0.89	124	1.436	4.50	4.189	43	193	4	180	811	4.7	1,147	459	207
WF-T				17	57	89	96	14.072	20.52	26.755	26	107	17	686	2,868	3.3	4,374	1,750	732
IC	L	SMALL SAW	11.5 - 21.4	3	56	0.87	48	3.607	5.92	4.766	27	81	3	127	385	0.0	731	325	98
IC	L	LARGE SAW	21.5 - 39.4	0	50	0.90	90	0.142	0.53	0.514	35	130		18	67	0.0	103	46	17
IC-L				3	56	87	50	3.749	6.45	5.28	28	86	3	145	452	0	834	371	115
IC	T	POLES	6.5 - 11.4	0	58	0.90	18	1.809	0.99	1.045	10	30		10	31	0.0	57	25	8
IC	T	SMALL SAW	11.5 - 21.4	3	52	0.83	44	6.220	6.62	8.961	16	38	3	144	336	0.0	826	367	86
IC	T	LARGE SAW	21.5 - 39.4	1	50	0.72	82	0.311	0.82	0.622	36	95		22	59	0.0	127	57	15
IC-T				4	53	84	40	8.339	8.43	10.628	17	40	4	176	427	0	1,011	449	109
WH	L	SMALL SAW	11.5 - 21.4	0	68	0.90	0	0.325	0.45	0.000						0.0			
WH	L	LARGE SAW	21.5 - 39.4	0	50	0.90	0	0.221	0.69	0.000						0.0			
WH-L				0	61	90	0	0.547	1.15	0	0	0				0			
WH	T	POLES	6.5 - 11.4	0	68	0.90	65	2.787	1.38	2.931	18	40	2	53	117	0.0	419	135	30
WH	T	SMALL SAW	11.5 - 21.4	3	60	0.80	59	1.843	2.71	3.077	23	74	2	71	228	0.0	558	180	58
WH	T	LARGE SAW	21.5 - 39.4	2	50	0.84	124	0.597	1.58	1.792	38	173	2	68	310	0.0	539	174	79
WH-T				5	63	86	70	5.227	5.67	7.801	25	84	6	192	655	0	1,516	489	167
Stands/Project:				262	58	88	91	213.888	295.09	431.164	23	97	273	9,963	42,023	1.4	69,668	25,425	10,724

Log Stock - Mbf by Species, Sort, Grade, Len, Dia Class

State, County: OR DOUGLAS

Lths And Dias ACI-2023

Species: GEN WEST

Page: 1/1

Project: OUTBACK

Plots: 95

Sort: WESTSIDE

Date: 06/10/2026

Tract: OUTBACK : OUTBACK GAPS

Trees: 536

Grade: ROSEBURG WESTSIDE

Cruised:

Stand: 110 : 160G

Measured Trees: 262

Price: ACI-2018

Grown To:

Acres: 255.20

Count Trees: 274

Cost: ACI-2023

Edited:

Species	Status	Srt	Grd	Log Len Class	Gross Mbf	% Def	Net Mbf	% Spp	BdFt Per Acre	Net Mbf by Scaling Diameter in Inches							
										2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99
DF	L	D	2M	32-35	1,303	1.3	1,287	31.4	5,042				995	292			
DF	L	D	3M	32-35	2,460	2.2	2,406	58.8	9,429		72	1,100	1,193	41			
DF	L	D	4M	12-15	36	-1	36	0.9	142		17	19					
DF	L	D	4M	16-21	86	-1	86	2.1	337		3	83					
DF	L	D	4M	22-23	19	.1	19	0.5	75		6	13					
DF	L	D	4M	24-27	64	-2	64	1.6	252		19	46					
DF	L	D	4M	28-31	22	-2	22	0.5	86		22						
DF	L	D	4M	32-35	165	-1	165	4.0	648		99	66					
DF	L	D	4M	36-39	11	16.8	9	0.2	34		9						
DF-L		Total			4166	2	4095	38	16,045		247	1,326	2,188	333			
DF	T	D	2M	32-35	344	.6	341	8.8	1,338				341				
DF	T	D	3M	32-35	2,701	1.1	2,671	68.6	10,466		335	1,602	735				
DF	T	D	4M	12-15	42	.1	42	1.1	164		34	7					
DF	T	D	4M	16-21	75	.1	75	1.9	293		60	15					
DF	T	D	4M	22-23	26	.4	26	0.7	103		21	6					
DF	T	D	4M	24-27	108	.0	108	2.8	425		102	7					
DF	T	D	4M	28-31	129	.0	129	3.3	507		123	6					
DF	T	D	4M	32-35	476	.0	476	12.2	1,865		336	114	26				
DF	T	D	4M	36-39	28	.7	28	0.7	108		28						
DF-T		Total			3929	1	3896	36	15,268		1,038	1,756	1,102				
PP	L	D	CR	12-15	5	-3	5	0.7	18			5					
PP	L	D	CR	16-21	16	-2	16	2.3	64		16						
PP	L	D	CR	24-27	10	-2	10	1.4	39		10						
PP	L	D	CR	28-31	29	-2	29	4.2	115		18	11					
PP	L	D	CR	32-35	640	1.1	633	89.4	2,479		23	232	377				
PP	L	D	CR	36-39	14	-2	14	2.0	57		6	8					
PP-L		Total			714	1	707	7	2,772		74	256	377				
PP	T	D	CR	16-21	27	.1	27	4.3	104		27						
PP	T	D	CR	24-27	18	20.5	15	2.4	57		15						
PP	T	D	CR	28-31	35	.1	35	5.8	138		35	1					
PP	T	D	CR	32-35	515	.7	512	83.4	2,006		168	269	75				
PP	T	D	CR	36-39	25	.1	25	4.1	99		25						
PP-T		Total			621	1	614	6	2,404		269	270	75				
WF	L	D	2M	32-35	153	3.9	147	50.9	576				64	83			
WF	L	D	3M	32-35	129	1.0	127	44.0	499		10	63	54				
WF	L	D	4M	12-15	3	.3	3	1.0	12			3					
WF	L	D	4M	24-27	3	.0	3	1.2	14			3					
WF	L	D	4M	28-31	4	.0	4	1.3	15			4					
WF	L	D	4M	32-35	4	.0	4	1.5	17		4						
WF-L		Total			296	3	289	3	1,132		15	74	117	83			
WF	T	D	2M	32-35	104	5.8	98	13.4	386				97	1			
WF	T	D	3M	32-35	578	1.7	568	77.6	2,227		60	231	277				
WF	T	D	4M	12-15	6	-1.4	6	0.8	24		6						
WF	T	D	4M	16-21	9	.0	9	1.2	34		9						

WF	T	D	4M	24-27	5	.0	5	0.7	21		5		
WF	T	D	4M	28-31	28	2.9	27	3.7	106	15	12		
WF	T	D	4M	32-35	27	31.9	18	2.5	71	1	17		
WF-T Total					757	3	732	7	2,868	91	248	392	1
IC	L	D	CR	16-21	5	.0	5	4.7	21	5			
IC	L	D	CR	28-31	9	.0	9	7.5	34	9			
IC	L	D	CR	32-35	101	.0	101	87.8	397	10	27	64	
IC-L Total					115		115	1	452	24	27	64	
IC	T	D	CR	16-21	1	.0	1	0.6	3	1			
IC	T	D	CR	24-27	27	.0	27	25.1	107	27			
IC	T	D	CR	32-35	81	.0	81	74.2	317	45	33	3	
IC-T Total					109		109	1	427	73	33	3	
WH	T	D	2M	32-35	49	.0	49	29.1	191			49	
WH	T	D	3M	32-35	103	.0	103	61.8	405		68	35	
WH	T	D	4M	12-15	6	.0	6	3.7	24	6			
WH	T	D	4M	16-21	9	.0	9	5.4	35	3	6		
WH-T Total					167		167	2	655	9	74	84	
Stand(s)/Project Totals					10875	1.4	10724	100	42023				
Percent Measured Tree Net Mbfs =									100	1,841	4,063	4,402	418

Species, Sort, Grade - Mbf by Species, Sort, Grade, Len, Dia Class

State, County: OR

DOUGLAS

Lths and Dias: ACI-2023

Species: GEN WEST

Page: 1/1

Project: OUTBACK

Project: OUTBACK

Plots: 95

Sort: WESTSIDE

Date: 06/10/2026

Tract: OUTBACK : OUTBACK GAPS

Trees: 536

Grade: ROSEBURG WESTSIDE

Cruised:

Stand: 110 : 160G

Meas Trees: 262

Price: ACI-2018

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Acres: 255.20

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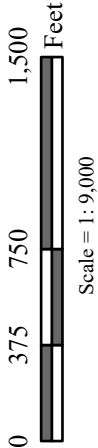
PP	T	D	CR	32-35	1,339	3,213	515	0.7	512	83.4	27.4	43.8	12.1				68.0	34	8.9	98	20,463	262	6.3	0.8
PP	T	D	CR	36-39	113	272	25	0.1	25	4.1	4.1						7.2	39	5.6	52	1,898	449	10.8	0.6
PP-T			Totals		1,672	4,012	621	1.2	614	100	43.9	43.9	12.1					31	8	73	33	272	7	1
PP-T					Percent Total Vol of Species:																			
WF	L	D	2M	32-35	295	736	153	3.9	147	50.9			22.1	28.9			27.7	34	17.8	407	1,417	200	5.0	2.4
WF	L	D	3M	32-35	282	706	129	1.0	127	44.0	3.6	21.9	18.5				58.0	34	11.4	168	2,968	222	5.5	1.1
WF	L	D	4M	12-15	8	19	3	0.3	3	1.0		1					2.0	14	10.6	47	.251	257	6.4	0.9
WF	L	D	4M	24-27	10	24	3		3	1.2		1.2					3.1	24	9.5	60	.228	273	6.8	0.7
WF	L	D	4M	28-31	12	30	4		4	1.3		1.3					3.5	29	9.9	70	.211	313	7.8	0.8
WF	L	D	4M	32-35	11	29	4		4	1.5	1.5						5.5	34	7.7	60	.284	263	6.6	0.5
WF-L			Totals		617	1,543	296	2.5	289	100	5.1	25.4	40.6					32	13	211	5	214	5	1
WF-L					Percent Total Vol of Species:																			
WF	T	D	2M	32-35	219	547	104	5.8	98	13.4			13.3	0.1			7.0	34	14.7	213	1,812	222	5.6	1.4
WF	T	D	3M	32-35	1,337	3,341	578	1.7	568	77.6	8.2	31.5	37.9				77.9	34	10.1	111	20,076	235	5.9	0.8
WF	T	D	4M	12-15	14	34	6	-1.4	6	0.8	0.8						2.0	12	7.3	17	1,418	221	5.5	0.3
WF	T	D	4M	16-21	20	51	9	0.0	9	1.2	1.2						2.2	19	7.6	34	1,005	237	5.9	0.4
WF	T	D	4M	24-27	15	37	5	0.0	5	0.7		0.7					0.9	24	9.7	67	.315	269	6.7	0.8
WF	T	D	4M	28-31	82	204	28	2.9	27	3.7	2.1	1.6					8.3	29	6.8	42	2,516	303	7.6	0.4
WF	T	D	4M	32-35	64	159	27	31.9	18	2.5	0.1		2.3				1.7	34	14.4	164	.431	352	8.8	1.7
WF-T			Totals		1,750	4,374	757	3.3	732	100	12.4	33.9	53.5					32	10	104	28	239	6	1
WF-T					Percent Total Vol of Species:																			
IC	L	D	CR	16-21	16	35	5		5	4.7	4.7						14.2	19	5.8	21	1,028	289	6.5	0.3
IC	L	D	CR	28-31	31	70	9		9	7.5	7.5						13.6	29	7.8	53	.647	360	8.1	0.7
IC	L	D	CR	32-35	324	729	101		101	87.8	8.5	23.4	55.9				72.2	34	10.6	135	2,928	320	7.2	1.3
IC-L			Totals		371	834	115		115	100	20.8	23.4	55.9					30	9	98	5	322	7	1
IC-L					Percent Total Vol of Species:																			
IC	T	D	CR	16-21	2	4	1		1	0.6	0.6						1.3	19	5.8	17	.154	294	6.6	0.3
IC	T	D	CR	24-27	82	184	27		27	25.1	25.1						36.9	24	5.6	30	3,547	299	6.7	0.4
IC	T	D	CR	32-35	365	822	81		81	74.2	41.1	29.9	3.2				61.8	34	8.7	76	4,190	452	10.2	1.0
IC-T			Totals		449	1,011	109		109	100	66.9	29.9	3.2					29	7	54	8	412	9	1
IC-T					Percent Total Vol of Species:																			
WH	T	D	2M	32-35	106	327	49		49	29.1			29.1				7.7	34	16.0	319	.597	217	6.7	2.0
WH	T	D	3M	32-35	339	1,052	103		103	61.8		40.6	21.2				65.5	34	9.6	79	5,110	328	10.2	0.8
WH	T	D	4M	12-15	21	66	6		6	3.7	3.7						19.9	14	5.5	6	3,764	340	10.5	0.2
WH	T	D	4M	16-21	23	71	9		9	5.4	1.7	3.6					7.0	19	8.3	36	.972	255	7.9	0.5
WH-T			Totals		489	1,516	167		167	100	5.4	44.3	50.3					25	8	63	10	292	9	1
WH-T					Percent Total Vol of Species:																			
Totals All Species					25,425	69,668	10,875		10,724	100	17.2	37.9	41.1	3.9				31	9	101	418	237	7	1

TIMBER CRUISE MAP

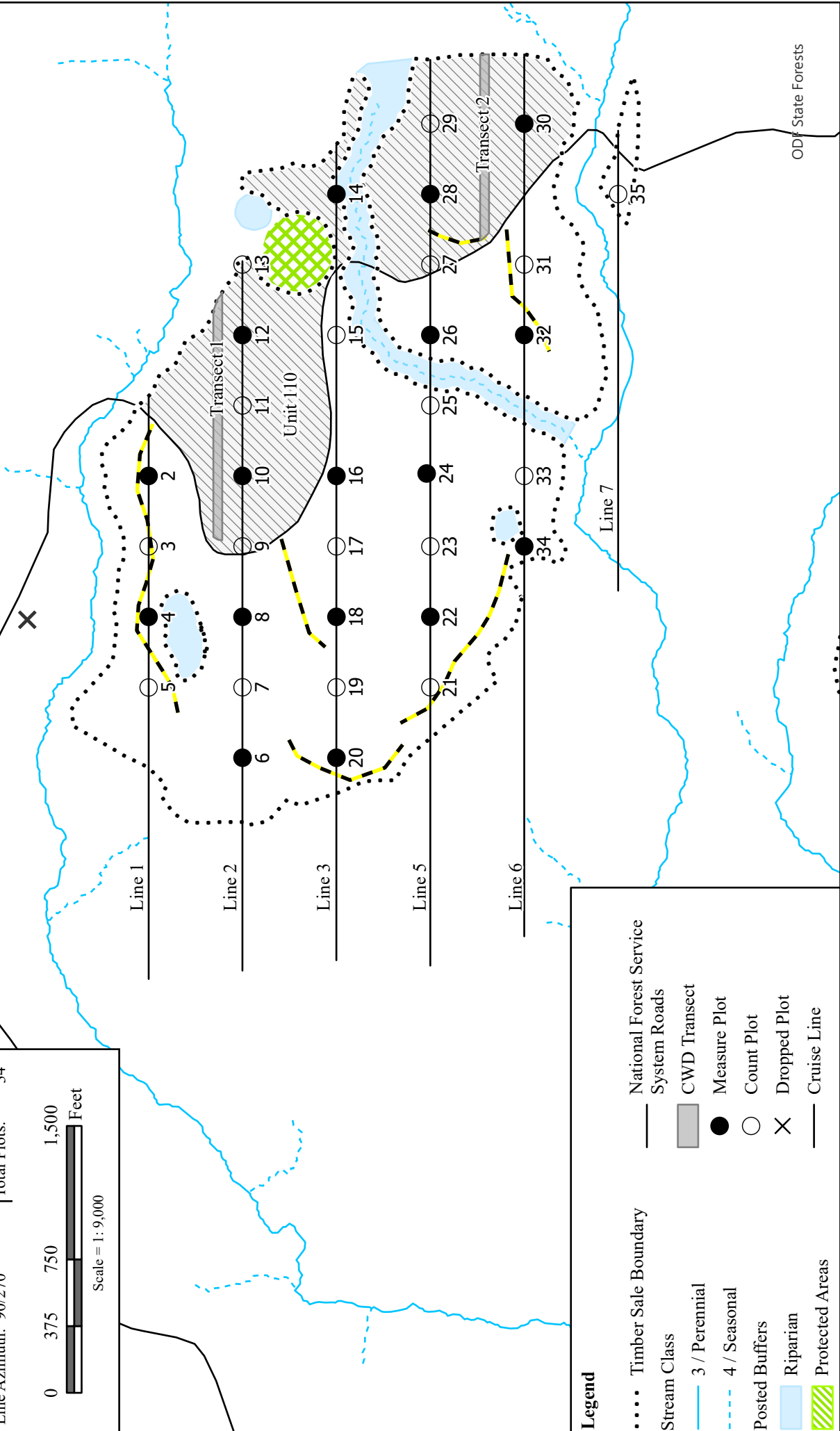
OF TIMBER SALE CONTRACT
OUTBACK GNA
PORTIONS OF SECTIONS
11, 13, 14, 15, 23 & 24 OF T29S, R2E
DOUGLAS COUNTY, OR.

Unit 110 (40BAF)

Line Spacing: 8 chains(528 ft)	Count Plots: 17
Plot Spacing: 6 chains (396 ft)	Measure Plots: 17
Line Azimuth: 90/270	Total Plots: 34



Map is for forest management purposes only, symbols shown on map shall be determined on site, this is not a legal survey.



Legend

..... Timber Sale Boundary

Stream Class

3 / Perennial

4 / Seasonal

Posted Buffers

Riparian

Protected Areas

— National Forest Service System Roads

CWD Transect

Measure Plot

Count Plot

Dropped Plot

Cruise Line

TIMBER CRUISE MAP

OF TIMBER SALE CONTRACT
OUTBACK GNA

PORTIONS OF SECTIONS
11, 13, 14, 15, 23 & 24 OF T29S, R2E
DOUGLAS COUNTY, OR.

Unit 120 (40 BAF)

Line Spacing: 8 chains (528 ft)	Count Plots: 5
Plot Spacing: 6 chains (396 ft)	Measure Plots: 4
Line Azimuth: 90/270	Total Plots: 9

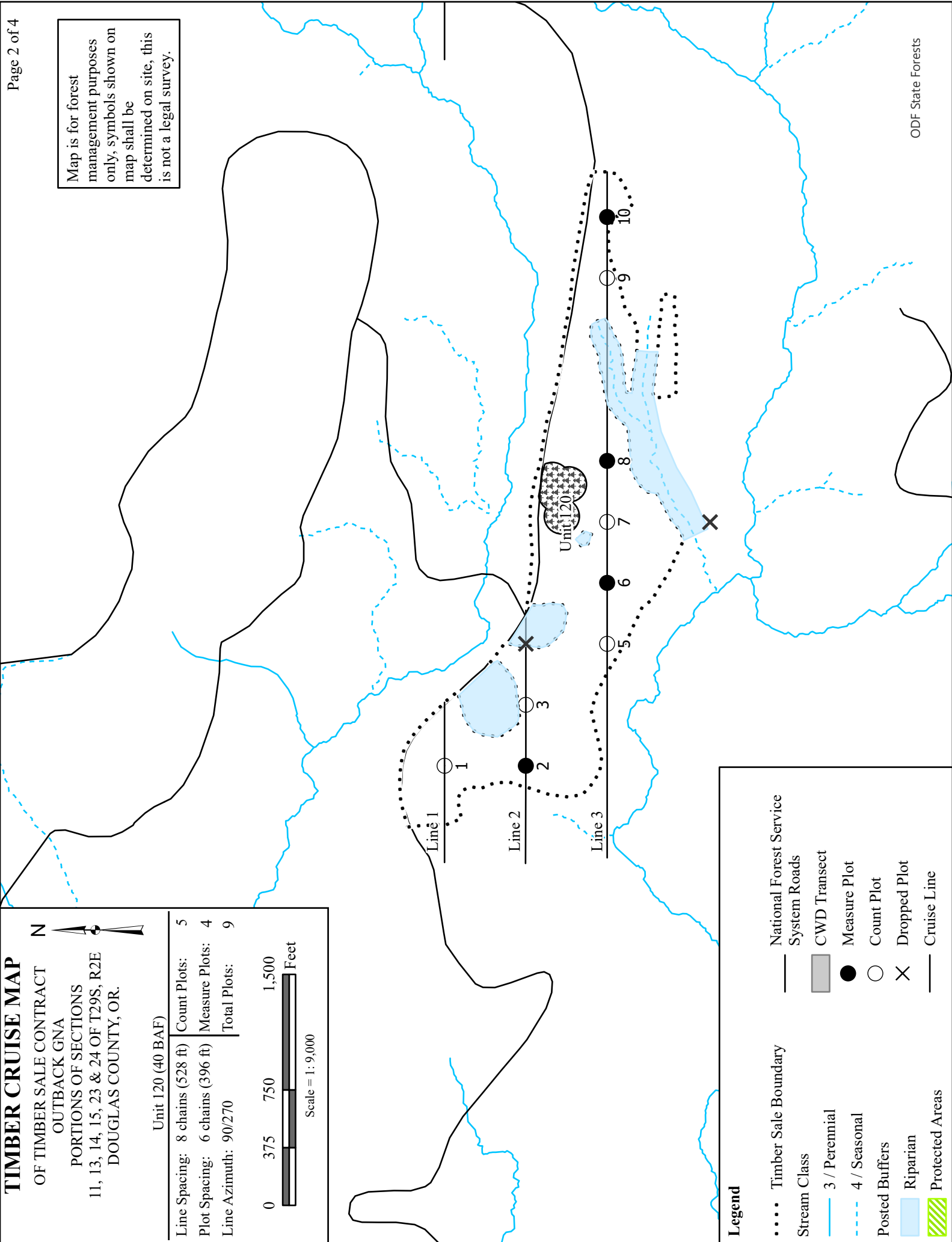
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Feet

Scale = 1: 9,000

N

Map is for forest management purposes only, symbols shown on map shall be determined on site, this is not a legal survey.



Legend

..... Timber Sale Boundary

Stream Class

- 3 / Perennial
- 4 / Seasonal

Posted Buffers

- Riparian
- Protected Areas

— National Forest Service System Roads

■ CWD Transect

● Measure Plot

○ Count Plot

× Dropped Plot

— Cruise Line

ODF State Forests

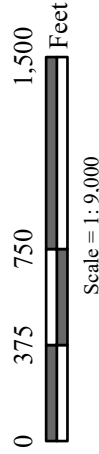
TIMBER CRUISE MAP

OF TIMBER SALE CONTRACT
OUTBACK GNA
PORTIONS OF SECTIONS
11, 13, 14, 15, 23 & 24 OF T29S, R2E
DOUGLAS COUNTY, OR.



Unit 140 (40 BAF')

Line Spacing: 8 chains (528 ft)	Count Plots: 16
Plot Spacing: 6 chains (396 ft)	Measure Plots: 15
Line Azimuth: 90/270	Total Plots: 31



Map is for forest management purposes only, symbols shown on map shall be determined on site, this is not a legal survey.

Legend

.....

Timber Sale Boundary

—

National Forest Service System Roads

—

CWD Transect

●

Measure Plot

○

Count Plot

×

Dropped Plot

—

Cruise Line

—

3 / Perennial

4 / Seasonal

—

Posted Buffers

■

Riparian

■

Protected Areas

—

Stream Class

—

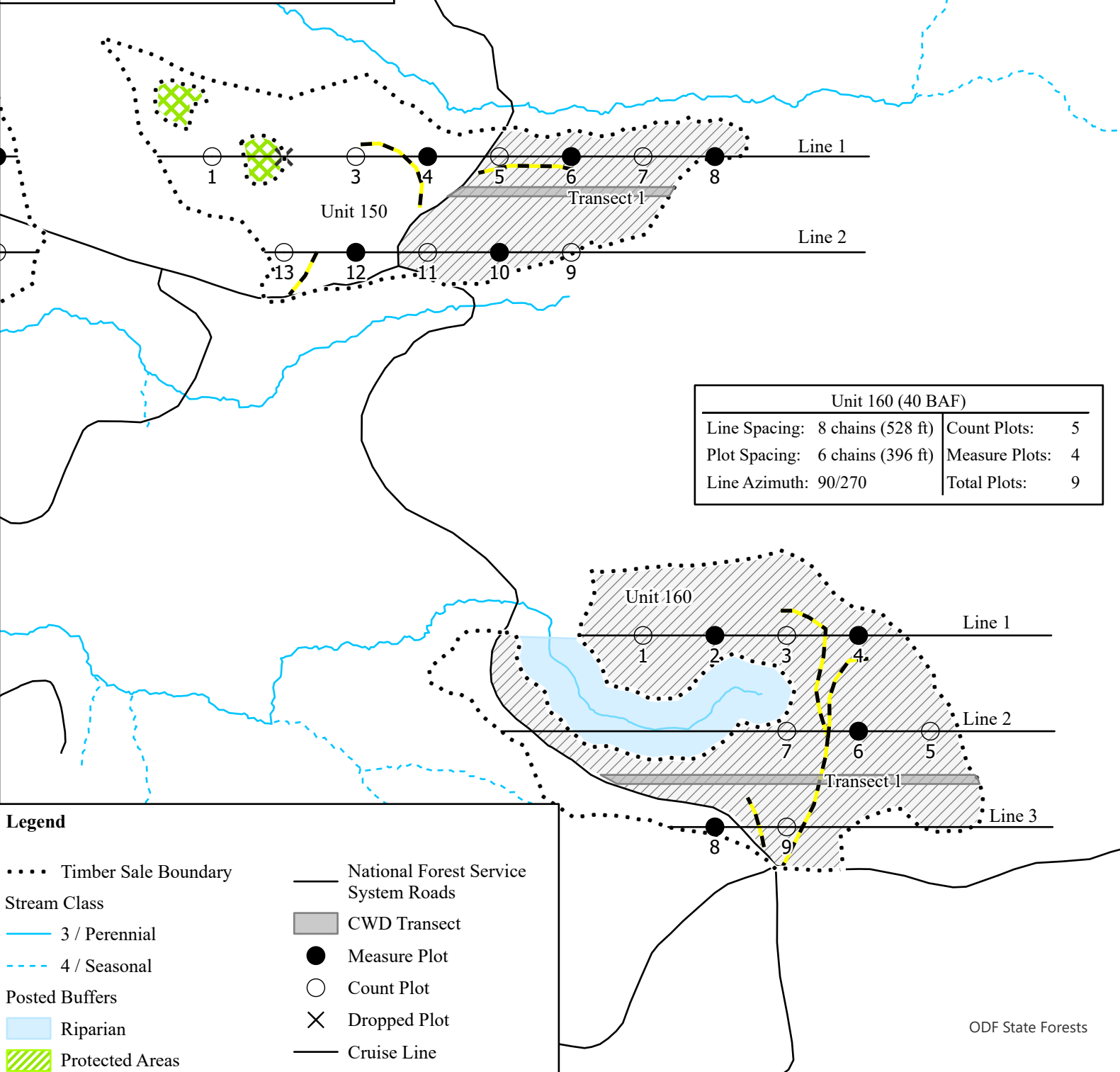
3 / Perennial

4 / Seasonal

OF TIMBER SALE CONTRACT
OUTBACK GNA
PORTIONS OF SECTIONS
11, 13, 14, 15, 23 & 24 OF T29S, R2E
DOUGLAS COUNTY, OR.

Map is for forest management purposes only, symbols shown on map shall be determined on site, this is not a legal survey.

Line Spacing: 8 chains (528 ft)	Count Plots: 7
Plot Spacing: 6 chains (396 ft)	Measure Plots: 5
Line Azimuth: 90/270	Total Plots: 12



ODF State Forests

LOGGING PLAN MAP

OF TIMBER SALE CONTRACT
NO. SW- 341-2027-GF7725-01
OUTBACK GNA
PORTIONS OF SECTIONS
11, 13, 14, 15, 23 & 24 OF T29S, R2E
DOUGLAS COUNTY, OR.

Logging Breakdown	Thinning Acres	Gap Acres	Net
Unit 110	80.6	11.7	92.3
Unit 120	27.9	1.3	29.2
Unit 140	65.4	7.4	72.8
Unit 150	25.7	2.9	28.6
Unit 160	31.3	1.0	32.3
Total	230.8	24.4	255.2

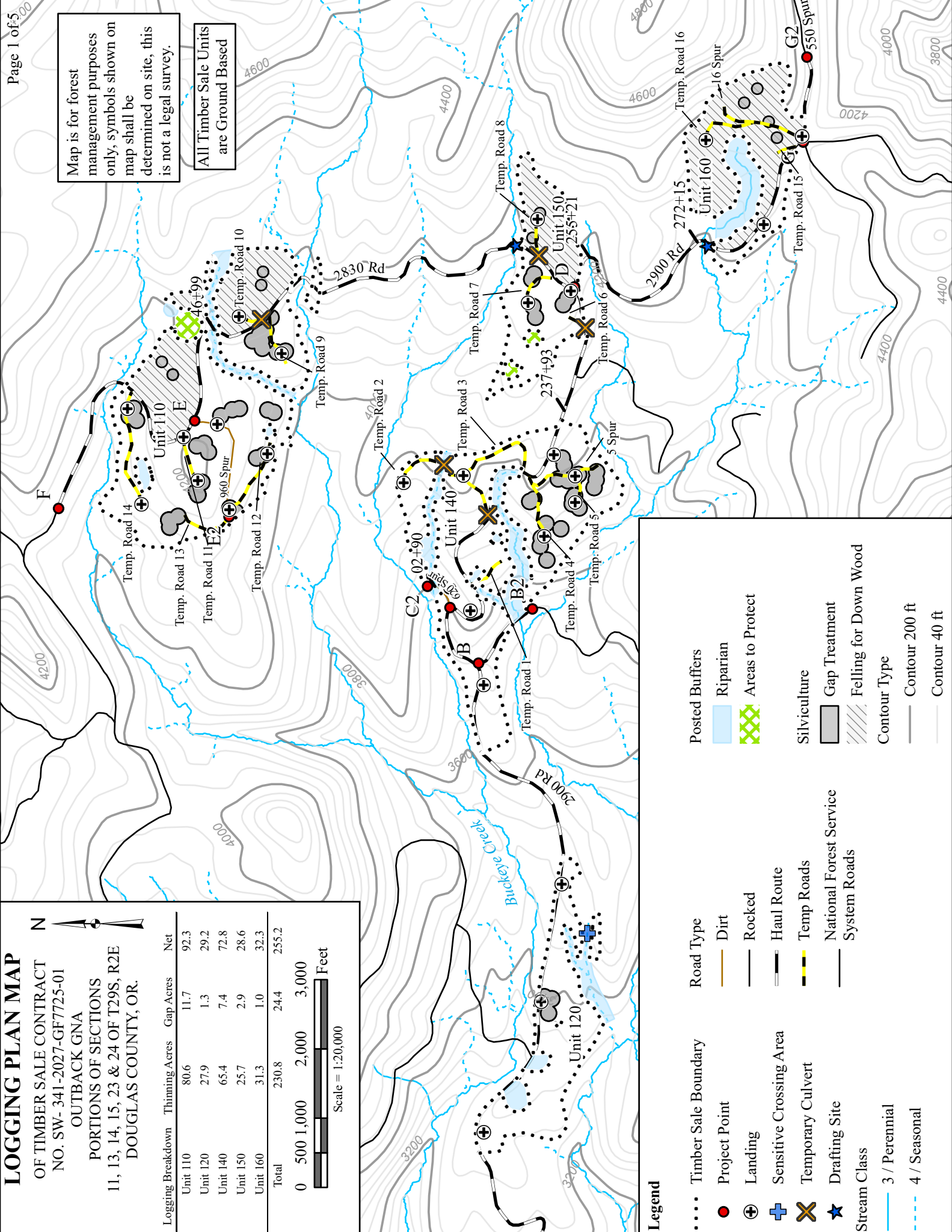
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Feet

Scale = 1:20,000

Map is for forest management purposes only, symbols shown on map shall be determined on site, this is not a legal survey.

All Timber Sale Units are Ground Based



..... Timber Sale Boundary

● Project Point

⊕ Landing

⊕ Sensitive Crossing Area

⊕ Temporary Culvert

★ Drafting Site

Stream Class

— 3 / Perennial

--- 4 / Seasonal

Road Type

— Dirt

— Rocked

— Haul Route

— Temp Roads

— National Forest Service System Roads

Posted Buffers

▭ Riparian

▭ Areas to Protect

Silviculture

▭ Gap Treatment

▭ Felling for Down Wood

Contour Type

— Contour 200 ft

— Contour 40 ft

LOGGING PLAN MAP

OF TIMBER SALE CONTRACT
NO. SW- 341-2027-GF7725-01
OUTBACK GNA
PORTIONS OF SECTIONS
11, 13, 14, 15, 23 & 24 OF T29S, R2E
DOUGLAS COUNTY, OR.



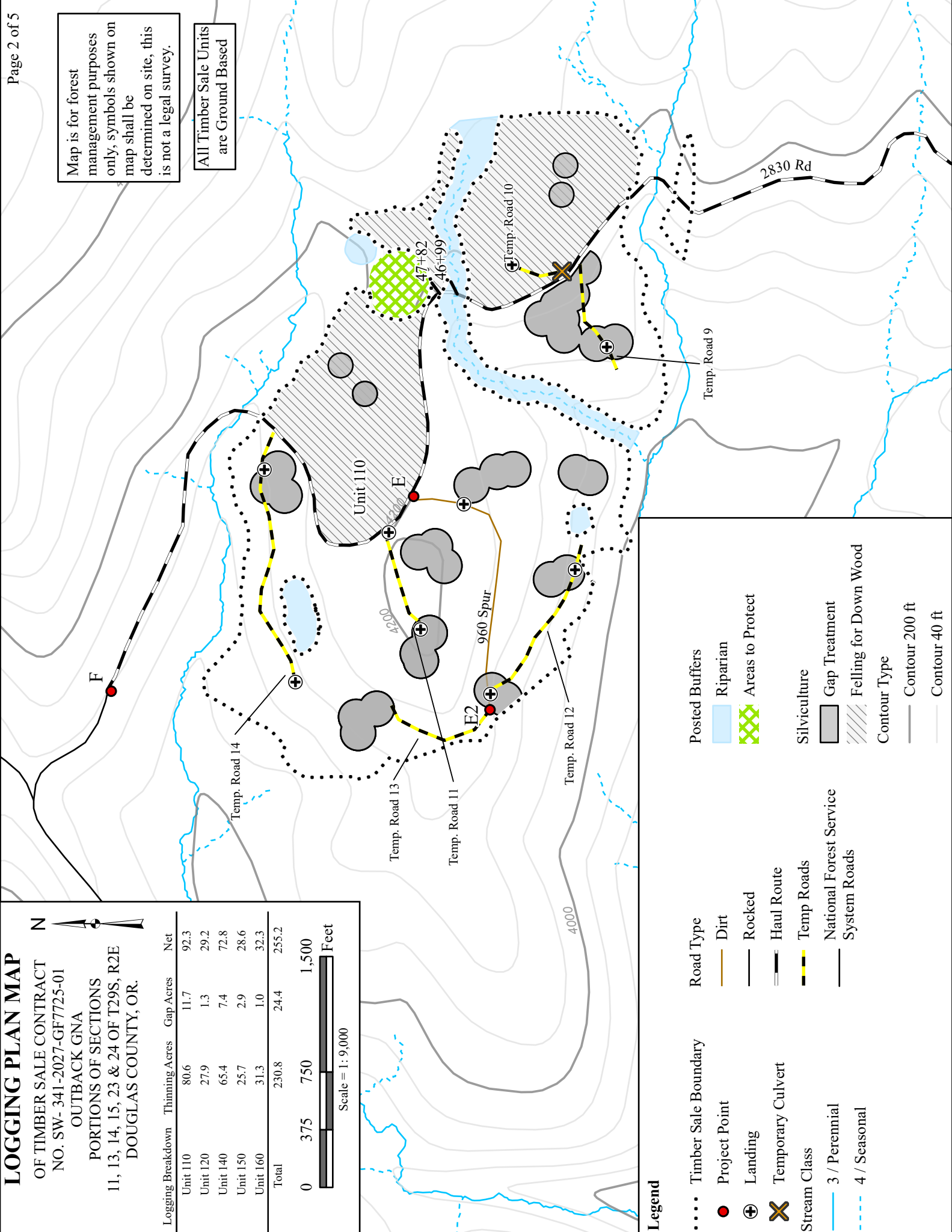
Logging Breakdown	Thinning Acres	Gap Acres	Net
Unit 110	80.6	11.7	92.3
Unit 120	27.9	1.3	29.2
Unit 140	65.4	7.4	72.8
Unit 150	25.7	2.9	28.6
Unit 160	31.3	1.0	32.3
Total	230.8	24.4	255.2



Scale = 1: 9,000

Map is for forest management purposes only, symbols shown on map shall be determined on site, this is not a legal survey.

All Timber Sale Units are Ground Based



Legend

Timber Sale Boundary

Project Point

Landing

Temporary Culvert

Road Type

Dirt

Rocked

Haul Route

Temp Roads

National Forest Service System Roads

Stream Class

3 / Perennial

4 / Seasonal

Posted Buffers

Riparian

Areas to Protect

Silviculture

Gap Treatment

Felling for Down Wood

Contour Type

Contour 200 ft

Contour 40 ft

LOGGING PLAN MAP
OF TIMBER SALE CONTRACT
NO. SW- 341-2027-GF7725-01
OUTBACK GNA
PORTIONS OF SECTIONS
11, 13, 14, 15, 23 & 24 OF T29S, R2E
DOUGLAS COUNTY, OR.



Logging Breakdown	Thinning Acres	Gap Acres	Net
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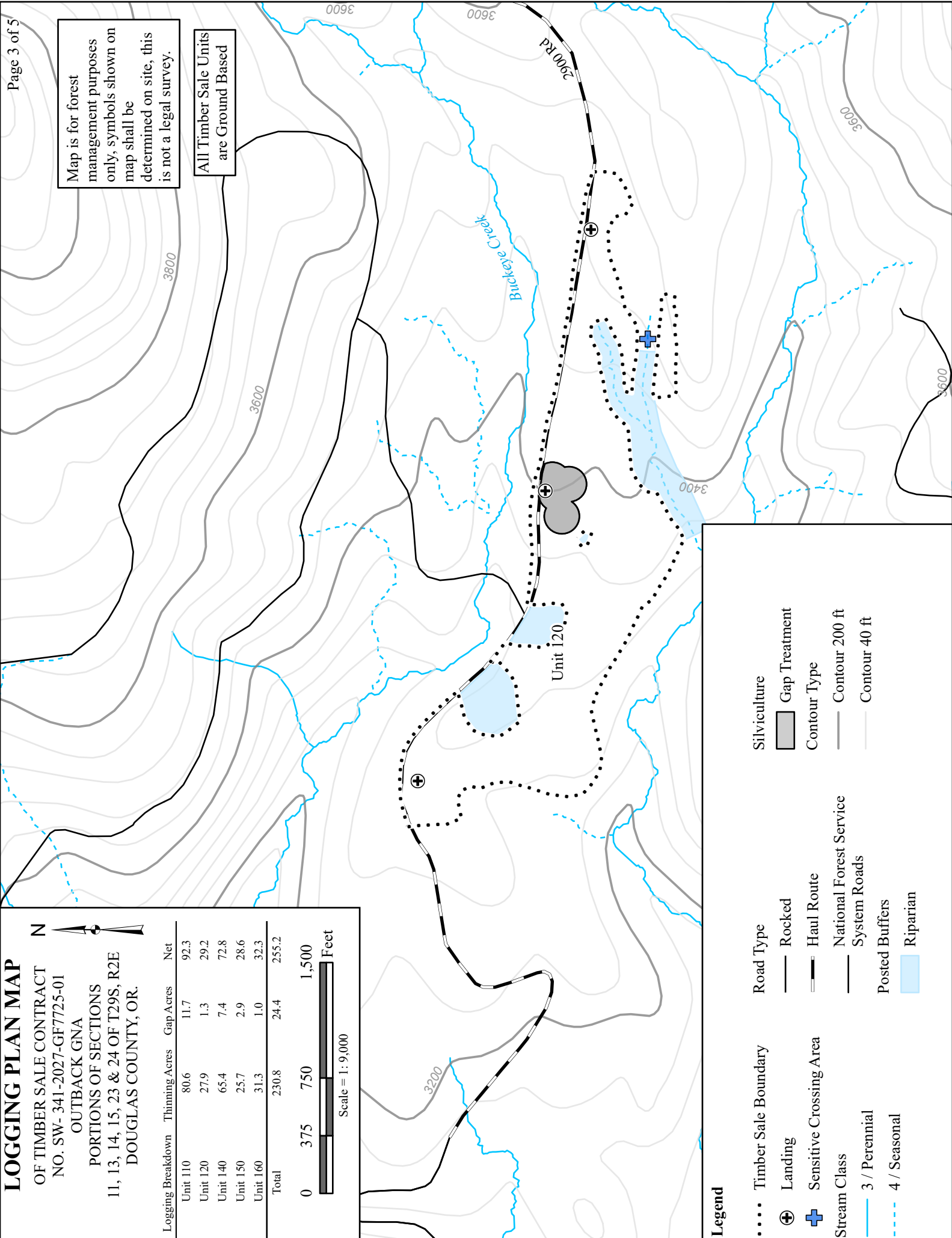
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Feet

Scale = 1: 9,000

Map is for forest management purposes only, symbols shown on map shall be determined on site, this is not a legal survey.

All Timber Sale Units are Ground Based



.....

Timber Sale Boundary

⊕

Landing

⊕

Sensitive Crossing Area

—

Stream Class

—

3 / Perennial

- - -

4 / Seasonal

—

Road Type

—

Rocked

—

Haul Route

—

National Forest Service

—

System Roads

—

Posted Buffers

■

Riparian

Silviculture

■

Gap Treatment

—

Contour Type

—

Contour 200 ft

—

Contour 40 ft

Legend

LOGGING PLAN MAP

OF TIMBER SALE CONTRACT
NO. SW- 341-2027-GF7725-01
OUTBACK GNA
PORTIONS OF SECTIONS
11, 13, 14, 15, 23 & 24 OF T29S, R2E
DOUGLAS COUNTY, OR.

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Total	230.8	24.4	255.2

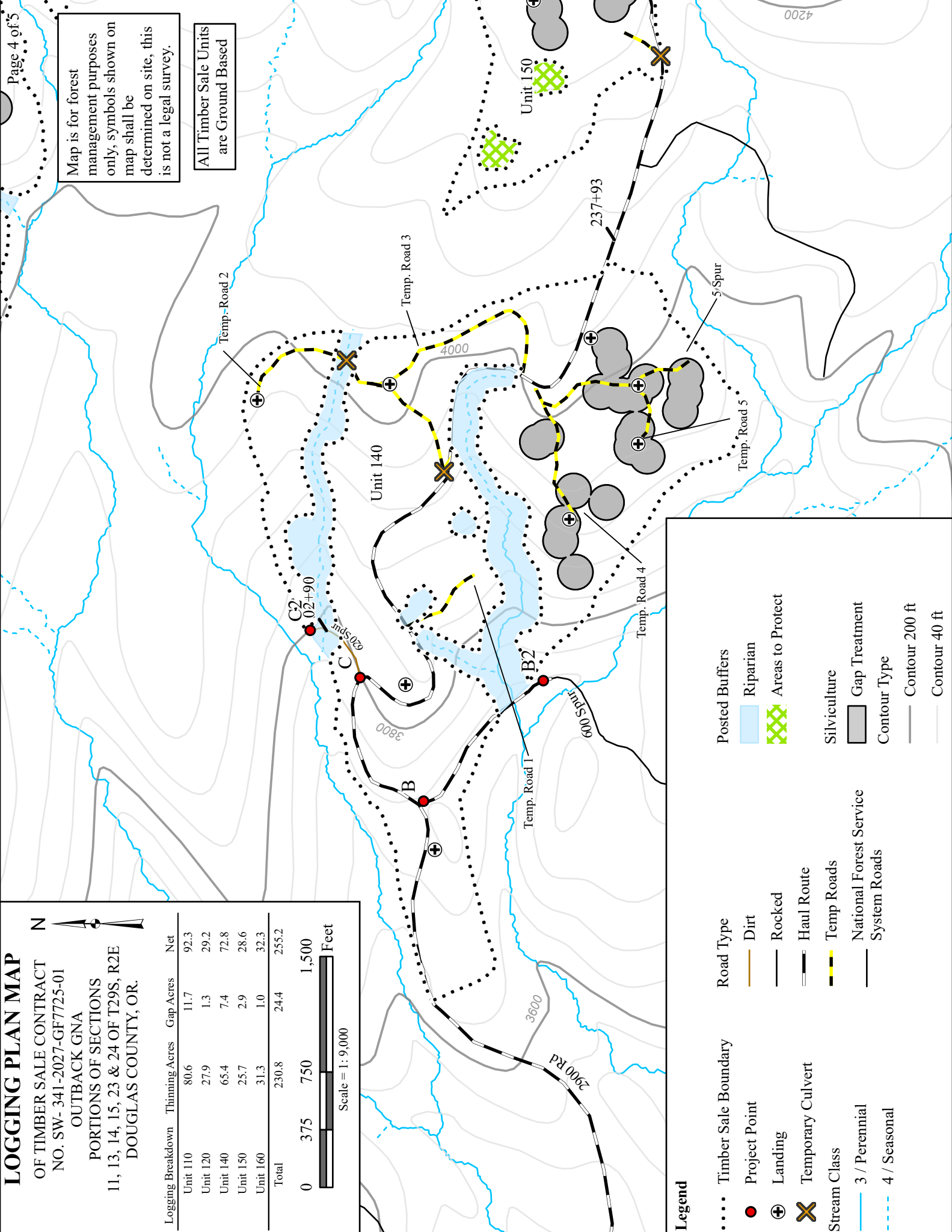
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Feet

Scale = 1: 9,000

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All Timber Sale Units are Ground Based



Legend

Timber Sale Boundary

Project Point

Landing

Temporary Culvert

Stream Class

3 / Perennial

4 / Seasonal

Road Type

Dirt

Rocked

Haul Route

Temp Roads

National Forest Service System Roads

Posted Buffers

Riparian

Areas to Protect

Silviculture

Gap Treatment

Contour Type

Contour 200 ft

Contour 40 ft

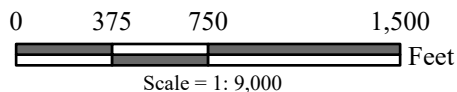
LOGGING PLAN MAP

OF TIMBER SALE CONTRACT
NO. SW- 341-2027-GF7725-01
OUTBACK GNA
PORTIONS OF SECTIONS
11, 13, 14, 15, 23 & 24 OF T29S, R2E
DOUGLAS COUNTY, OR.

Page 5 of 5



Logging Breakdown	Thinning Acres	Gap Acres	Net
Unit 110	80.6	11.7	92.3
Unit 120	27.9	1.3	29.2
Unit 140	65.4	7.4	72.8
Unit 150	25.7	2.9	28.6
Unit 160	31.3	1.0	32.3
Total	230.8	24.4	255.2



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All Timber Sale Units are Ground Based

