



State of Washington

Department of Natural Resources

Hilary S. Franz, Commissioner of Public Lands

TO: Members of the Board of Natural Resources

FROM: Product Sales and Leasing Division

SUBJECT: Timber Sales Packet to be Presented at the
October 2023 Board Meeting

Attached is a package of timber sales proposed for auction in upcoming months. This packet will be presented to the Board of Natural Resources at the October 3, 2023 Board Meeting.

SUMMARY OF PROPOSED BOARD SALES

OCTOBER 2023 BNR MEETING

10/3/2023

No.	County	Region	FSC®		Sale Name	Species	Harvest Acres	Conserved Acres	Stand Origin(s)	Harvest Type	Volume MBF/Acre	Value/MBF	Total MBF	Total Minimum Bid Value
			∞	Trust										
1	Clallam	OLY	100666	01-100%	ODE TO JOYCE	DF-81%, RA-9%, WW-8%, RA-2%	127	82	1891-1922	VRH	49	\$297	6,240	\$1,854,000
2	Cowlitz	PC	105512	03-51%, 08-49%	RED STAPLER VRH & THIN	WW-56%, DF-43%, RA-1%	356	129	1972-1990	VRH-53%, CT-47%	15	\$116	5,302	\$615,000
3	Grays Harbor	SPS	103588	02-100%	RUSTY RIDGE VRH & VDT	DF-81%, WW-15%, RA-4%	53	77	1950-1952	VRH-37%, VDT-63%	19	\$416	1,030	\$428,000
4	Mason	SPS	103624	01-68%, 03-32%	LICORICE ROOT	DF-75%, WW-18%, RC- 6%, RA-1%	110	32	1930-1986	VRH	32	\$293	3,550	\$1,040,000
5	Okanogan	NE	104762	03-100%	Q JUPITER	DF-87%, WW-7%, LP-6%	219	8	1915-1955	VRH	11	\$148	2,321	\$343,000
6	Pacific	PC	104154	03-37%,07-63%	IN THE PIPELINE	DF-76%,RA-15%,WW-6%,RC-3%	96	61	1930-1983	VRH	62	\$333	5,905	\$1,968,000
7	Thurston	SPS	103589	01-12%, 03-62%, 06-26%	MARSHMALLOW	DF-57%, WW-40%, RA-3%	241	119	1930-1940	VRH	44	\$275	10,658	\$2,927,000
Totals							1,202	508			29	\$262	35,006	\$9,175,000

Trust Codes:	Harvest Type:	Species Codes:
01=State Forest Board Transfer	VRH=Variable Retention Harvest	DF=Douglas-fir
02=State Forest Board Purchase	VDT=Variable Density Thinning	RA=Red alder (all hardwoods)
03=Common School & Indemnity	CT=Commercial Thinning	PP=Ponderosa pine
04=Agricultural School	UM=Uneven-aged Mgmt	RC=Western redcedar
05=University - Transferred	SR=Shelterwood Removal	LP=Lodgepole pine
06=C.E.P. & R.I.		WW=White Woods (hemlock and true firs)
07=Capitol Building		WL=Western larch
08=Normal School		
09=Escheat		
10=Scientific School		
11=University - Original		
12=Community College Forest Reserve		
38=Washington State University		
41=University Repayment		
42=Forest Board Repayment		
77=Water Pollution Control		

∞ If marked, all or part of this sale Forest Stewardship Council® (FSC)-certified (certificate No. BV-FM/COC-080501)

Note: Contract harvest sort sales above list the total minimum bid as delivered values, not stumpage. The net or stumpage value will be realized after the harvesting costs are paid out.

SEPA SUMMARY OF PROPOSED BOARD SALES

No.	County	Agreement #	Sale Name	SEPA Threshold Determination	FPA Classification	Comments Received During SEPA Review Period
1	Clallam	100666	ODE TO JOYCE	DNS	3	ECY, OFC, CRF
2	Cowlitz	105512	RED STAPLER VRH & THIN	DNS	3	CFC
3	Grays Harbor	103588	RUSTY RIDGE VRH & VDT	DNS	3	
4	Mason	103624	LICORICE ROOT	DNS	3	Mason County Climate Justice
5	Okanogan	104762	Q JUPITER	DNS	3	Ecology
6	Pacific	104154	IN THE PIPELINE	DNS	3	LFDC
7	Thurston	103589	MARSHMALLOW	DNS	3	Concerned citizen

* ALL DOCUMENTS ARE AVAILABLE TO THE BOARD AND THE PUBLIC FOR REVIEW



TIMBER NOTICE OF SALE

SALE NAME: ODE TO JOYCE

AGREEMENT NO: 30-100666

AUCTION: November 15, 2023 starting at 10:00 a.m., COUNTY: Clallam Forks, WA

SALE LOCATION: Sale located approximately 1 mile west of Joyce, WA

PRODUCTS SOLD AND SALE AREA:

All timber except trees marked with a band of blue paint or bounded out by leave tree area tags and all downed red cedar or any timber that has been on the ground for 5 years or more (5 years is defined by more than 1.5 inches of sap rot), bounded by timber sale boundary tags, the PA-J-1000, PA-J-1100, Private Land, BPA Power Lines in Unit 1; Timber Sale Boundary tags, Private land in Unit 2; Timber Sale Boundary tags, Private land and the PA-J-1000 in Unit 3; Timber Sale Boundary tags, PA-J-1200 in Unit 4.

All timber bounded by right of way boundary tags in Unit 5.

All forest products above located on part(s) of Sections 5, 6, 7 and 8 all in Township 30 North, Range 8 West, Sections 31 all in Township 31 North, Range 8 West, W.M., containing 127 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BVC-SFIFM-018227)

ESTIMATED SALE VOLUMES AND QUALITY:

Table with columns: Species, Avg DBH, Ring Count, Total MBF, and MBF by Grade (1P, 2P, 3P, SM, 1S, 2S, 3S, 4S, UT). Rows include Douglas fir, Redcedar, Hemlock, Red alder, Maple, and Sale Total.

MINIMUM BID: \$1,854,000.00 BID METHOD: Sealed Bids

PERFORMANCE SECURITY: \$100,000.00 SALE TYPE: Lump Sum

EXPIRATION DATE: October 31, 2025 ALLOCATION: Export Restricted

BID DEPOSIT: \$185,400.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: 62% Ground Based 38% Uphill cable 30' Equipment limitation zones on all typed water unless approved by the Contract Administrator. Forest products sold under this contract shall be harvested and removed using cable, cable-tethered, and ground based equipment. Cable-tethered equipment is limited to sustained slopes of 75% and less. Non-tethered self-leveling tracked equipment is limited to sustained slopes that are 45% and less. Rubber tired skidders are restricted unless approved by the Contact Administrator. Authority to use other equipment or to operate outside the equipment specifications



TIMBER NOTICE OF SALE

detailed above must be approved in writing by the State. Designated crossings must be approved by the Contract Administrator.

Falling, yarding and timber hauling will not be permitted from November 1 to April 30, on weekends, State recognized holidays or from 8:00 p.m. to 6:00 a.m., unless authorized in writing by the Contract Administrator.

ROADS:

6.85 stations of required construction. 44.00 stations of required reconstruction. 46.25 stations of optional construction. 2.45 stations of optional reconstruction. 290.85 stations of required pre-haul maintenance. 36.55 stations of optional pre-haul maintenance. All road activities including timber haul and rock pit development will not be permitted from November 1 to April 30, on weekends, State recognized holidays or from 8:00 p.m.- 6:00 a.m., unless authorized in writing by the Contract Administrator.

Bridge installation on the PA-J-1025, Stations 29+94 - 30+39 will not be permitted from October 1 - June 30.

ACREAGE DETERMINATION

CRUISE METHOD: Sale acreage was 100% GPS'd . Sale units were cruised using a variable plot sample.

FEES: \$106,080.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: There are locked gates on the PA-J-1200, PA-I-3000, PA-I-2600 and the BPA-3845. Contact the Olympic Region Dispatch Center at 360-374-2800 to obtain an AA-1-key.

Purchaser shall provide and construct Log Stringer Bridge on the PA-J-1025, Stations 29+94-30+39. Refer to Road plan for details.

Two week notice shall be given prior to any activities with Unit 1 for temporary re-routing or closure of the Olympic Discovery Trail.

All trees 60 inches in Diameter at Breast Height (DBH) and greater shall not be felled unless for safety reasons, which must be approved by the Contract Administrator. If trees 60 inches DBH or greater need to be felled for safety reasons, trees will be left where felled.

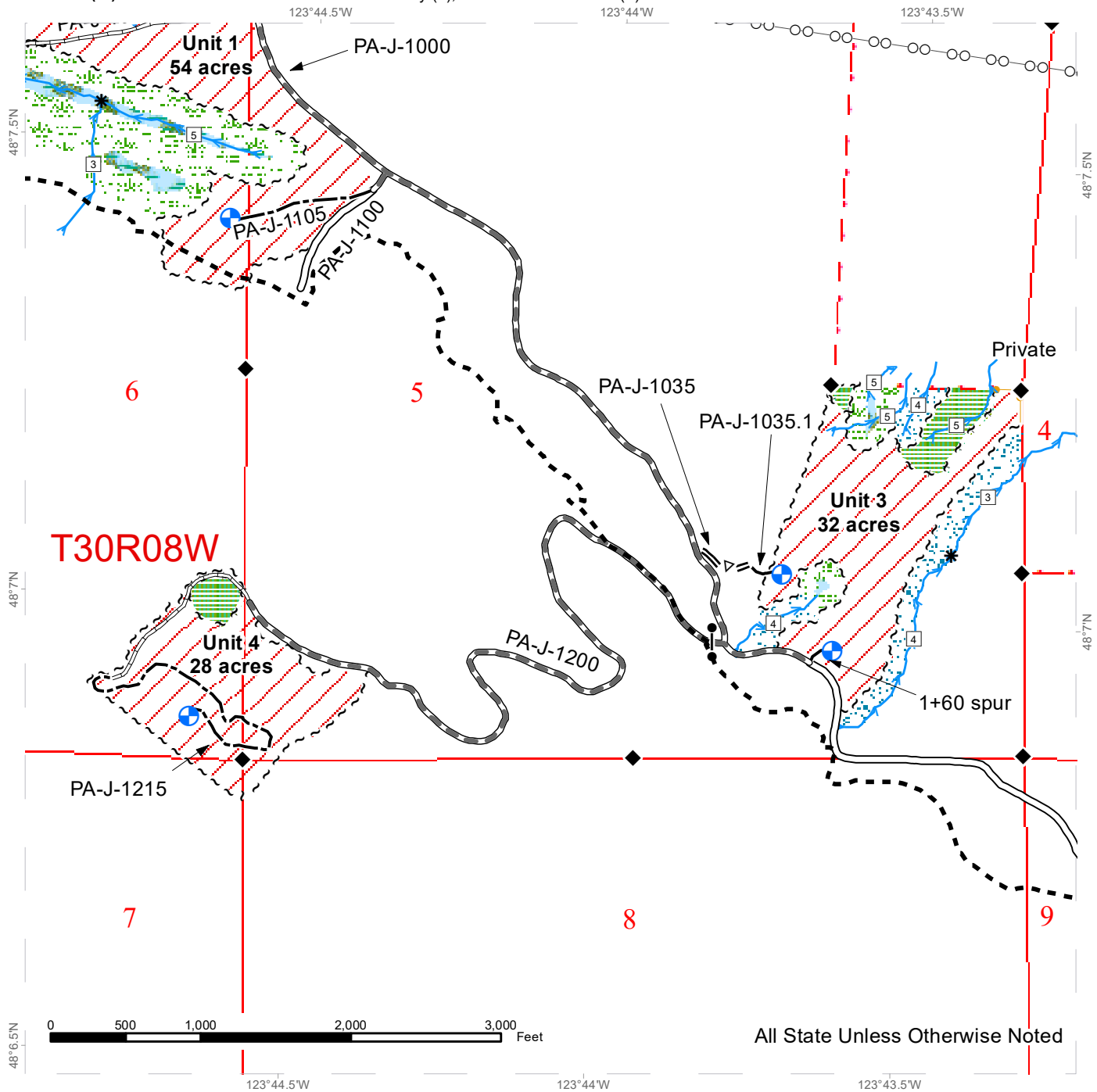
The BPA Checklist (Schedule C) shall be done prior to harvest or road building activities within or adjacent to BPA power lines.

Rock identified to be used out of a State lands rock pit shall meet specifications as identified within the Road Plan, which will be determined by the Contract Administrator. If the rock does not meet the specifications, a commercial source shall be used that does at the Purchaser's expense.

TIMBER SALE MAP

SALE NAME: ODE TO JOYCE
AGREEMENT #: 30-100666
TOWNSHIP(S): T30R8W, T31R8W
TRUST(S): Common School and Indemnity (3), State Forest Transfer (1)

REGION: Olympic Region
COUNTY(S): Clallam
ELEVATION RGE: 560-2080



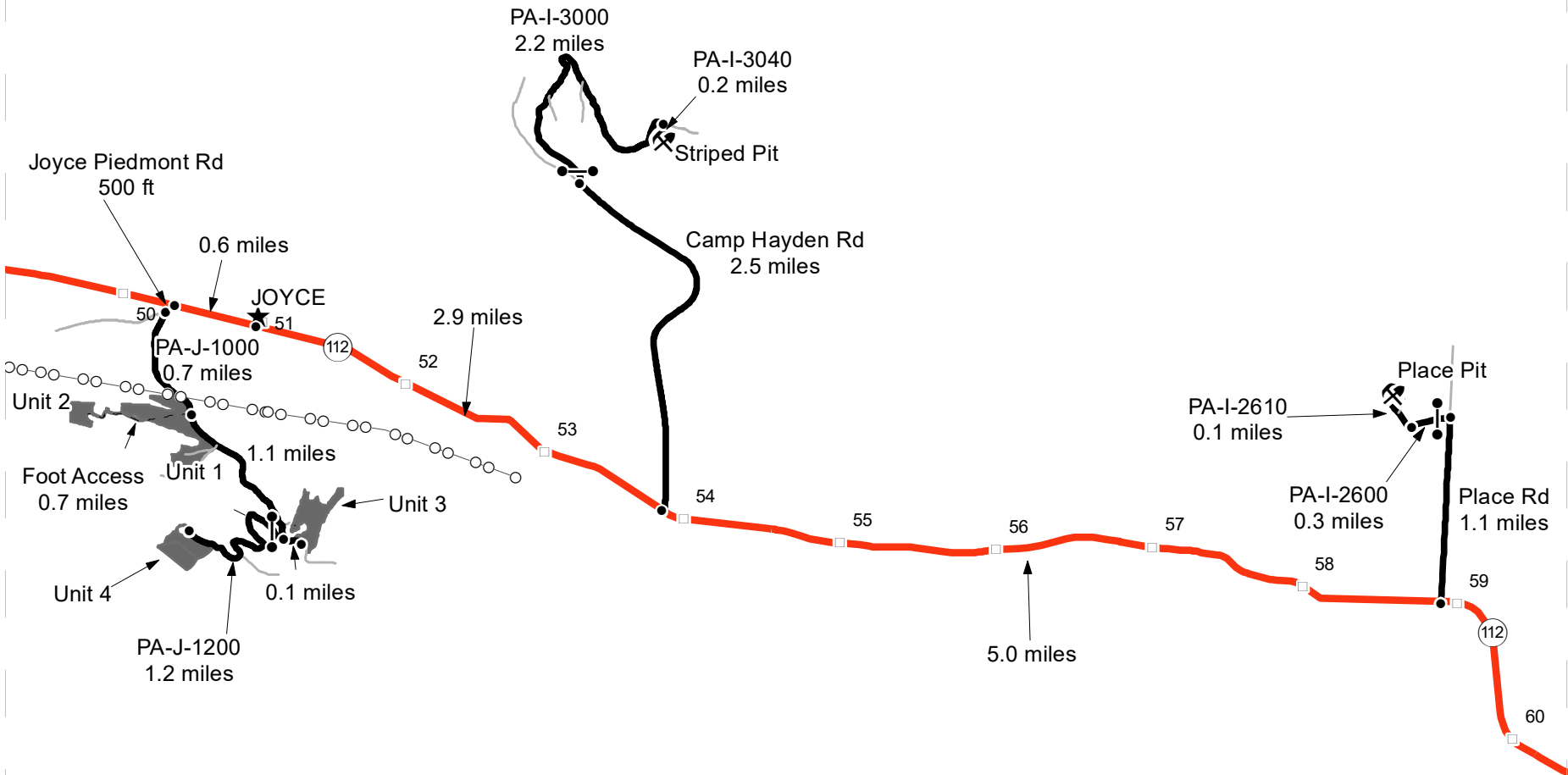
All State Unless Otherwise Noted

Variable Retention Harvest	Existing Roads	Sale Boundary Tags	Survey Monument
Leave Tree Area	Required Pre-Haul Maintenance	Leave Tree Tags	Gate
Riparian Management Zone	Required Reconstruction	Right of Way Tags	Bridge
Type-B Wetland	Required Construction	Take / Removal Trees	Proposed Landing
Wetland Management Zone	Optional Pre-Haul Maintenance	BPA Power Lines	Rock Pit
DNR Managed Lands	Optional Reconstruction	Streams	Stream Type
Public Land Survey Townships	Optional Construction	Stream Type Break	
Public Land Survey Sections	Discovery Trail		

DRIVING MAP

SALE NAME: ODE TO JOYCE
AGREEMENT#: 30-100666
TOWNSHIP(S): T30R8W, T31R8W
TRUST(S): Common School and Indemnity (3), State Forest Transfer (1)

REGION: Olympic Region
COUNTY(S): Clallam
ELEVATION RGE: 560-2080



Map may not be to scale

- Timber Sale Unit
- Haul Route
- Other Road
- Foot Access
- Power Lines
- Milepost Markers
- Town
- Gate (AA-1)
- Rock Pit

DRIVING DIRECTIONS:

Unit 1: From the town of Joyce, head west on State Highway 112 for 0.6 miles. Turn left onto Joyce-Piedmont and continue for 500ft. Turn left onto Joyce-Access Rd (PA-J-1000) and continue for 0.7 miles and Unit 1 will be on your right.
Unit 2: Continue on foot from Unit 1 along the existing grade and right-of-way to Unit 2
Unit 3: From Unit 1 continue 1.2 miles along the Joyce Access Rd and Unit 3 will be on your left
Unit 4: From Unit 1, continue 1.1 miles along Joyce Access Rd before taking a sharp right onto PA-J-1200. Proceed through the locked gate (AA-1) and continue for 1.2 miles before arriving at Unit 4.
Striped Pit: From the town of Joyce, head east on Hwy 112 for 2.9 miles. Turn left on Camp Hayden Rd and proceed for 2.5 miles before turning right onto PA-I-3000. Proceed through locked gate (AA-1), then continue for 2.2 miles before turning right onto PA-I-3040. Arrive at the pit in 0.2 miles.
Place Pit: From the town of Joyce, head east on Hwy for 7.9 miles. Turn left on Place Rd and proceed for 1.1 miles. Then turn left on PA-I-2600, proceed through locked gate (AA-1) and continue for 0.3 miles. Turn right on PA-I-2610 and continue for 0.1 miles before arriving at Place Pit.





TIMBER NOTICE OF SALE

SALE NAME: RED STAPLER VRH AND THIN

AGREEMENT NO: 30-105512

AUCTION: November 16, 2023 starting at 10:00 a.m., **COUNTY:** Cowlitz
Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 21 miles east of Toutle

**PRODUCTS SOLD
AND SALE AREA:**

All timber, except leave trees marked with blue paint, and all down timber existing 5 years prior to the day of sale, all down timber greater than 60 inches diameter, and snags bound by the following;

Unit 1, white "Timber Sale Boundary" tags and pink flagging, the 5625 and 5626 roads;

Unit 2, 3, 4, white "Timber Sale Boundary" tags and pink flagging, and the 5625 road;

Unit 5, white "Timber Sale Boundary" tags and pink flagging, the 3068 and 5631 roads;

Unit 6, all timber as described in Schedule A bounded by white "Timber Sale Boundary" tags and pink flagging, the 3060, 3068, 3069 and 3070 roads;

5633 ROW, orange "Right of Way Boundary" tags and pink flagging;

All forest products above located on part(s) of Sections 13, 14, 22, 23, 24 and 27 all in Township 9 North, Range 3 East, W.M., containing 356 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BVC-SFIFM-018227)

ESTIMATED SALE VOLUMES AND QUALITY:

Species	Avg DBH	Ring Count	Total MBF	Total Tons	Price \$/Ton	MBF by Grade								
						1P	2P	3P	SM	1S	2S	3S	4S	UT
Douglas fir	16.8	8	2,278	20,077	\$24.00						770	1,218	264	26
Noble fir	12.1		1,748	14,738	\$5.00						200	817	710	21
Hemlock	12.7		1,209	11,576	\$5.00						163	631	399	16
Red alder	10.3		67	564	\$3.00							3	64	
Sale Total			5,302	46,955										

MINIMUM BID: \$24/ton (est. value \$619,000.00) **BID METHOD:** Sealed Bids

PERFORMANCE SECURITY: \$100,000.00 **SALE TYPE:** Tonnage Scale

EXPIRATION DATE: October 31, 2026 **ALLOCATION:** Export Restricted

BIDDABLE SPECIES: Douglas fir

BID DEPOSIT: \$61,900.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.



TIMBER NOTICE OF SALE

HARVEST METHOD: Ground based equipment, Cable, and Cable-Assist. This sale is estimated to be 80 percent ground based harvest and 20 percent cable based harvest systems. Ground-based yarding is restricted to sustained slopes of 45 percent or less; Self-leveling equipment restricted to sustained slopes of 55 percent or less; Cable-assist to sustained slopes of 70 percent or less. For additional harvest requirements, refer to the H-140 clause in the contract.

ROADS: 47.22 stations of optional reconstruction. 1502.31 stations of required prehaul maintenance. 18.66 stations of abandonment. Rock used in accordance with the quantities on the ROCK LIST may be obtained from the 5 Way Pit located in Section 15, T9N, R3E WM. on state land at no charge to the Purchaser.

Rock used in accordance with the quantities on the ROCK LIST may be obtained from the 4240 Stockpile located on the 4240 road at Station 85+00 on the right, 9 Mile Stockpile located on the 4250 Road at Station 176+00 on the left or 5 Way Stockpile locate in Section 15, T9N, R3E, W.M. on state land at no charge to the Purchaser.

Rock used in accordance with the quantities on the ROCK LIST may be obtained from any commercial source at the Purchaser's expense.

ACREAGE DETERMINATION

CRUISE METHOD: The sale acres were determined by GPS. The sale area was cruised using a variable plot cruise method.

FEES: \$90,134.00 is due on day of sale. \$9.00 per ton is due upon removal. These are in addition to the bid price.

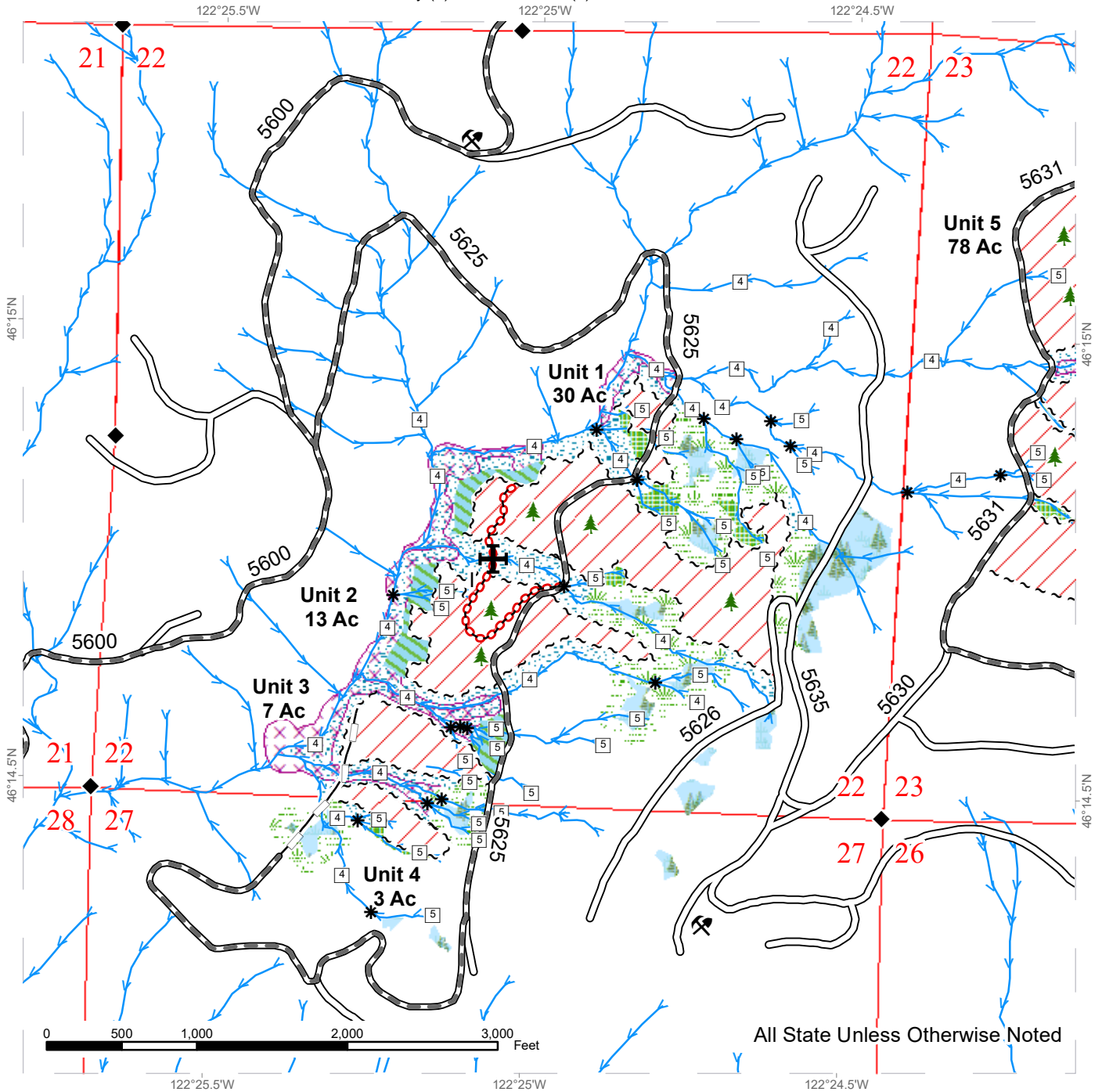
SPECIAL REMARKS: This sale has approximately 267 MBF of High Quality 2 Saw DF, 315 MBF of High Quality 3 Saw DF, see cruise for details.

Logs scaled as white fir, grand fir, silver fir, noble fir or hemlock will be priced the same.

TIMBER SALE MAP

SALE NAME: RED STAPLER VRH AND THIN
AGREEMENT #: 30-105512
TOWNSHIP(S): T9R3E
TRUST(S): Common School and Indemnity (3), Normal School (8)
 122°25.5'W

REGION: Pacific Cascade Region
COUNTY(S): Cowlitz
ELEVATION RGE: 2200-4000
 122°24.5'W



All State Unless Otherwise Noted

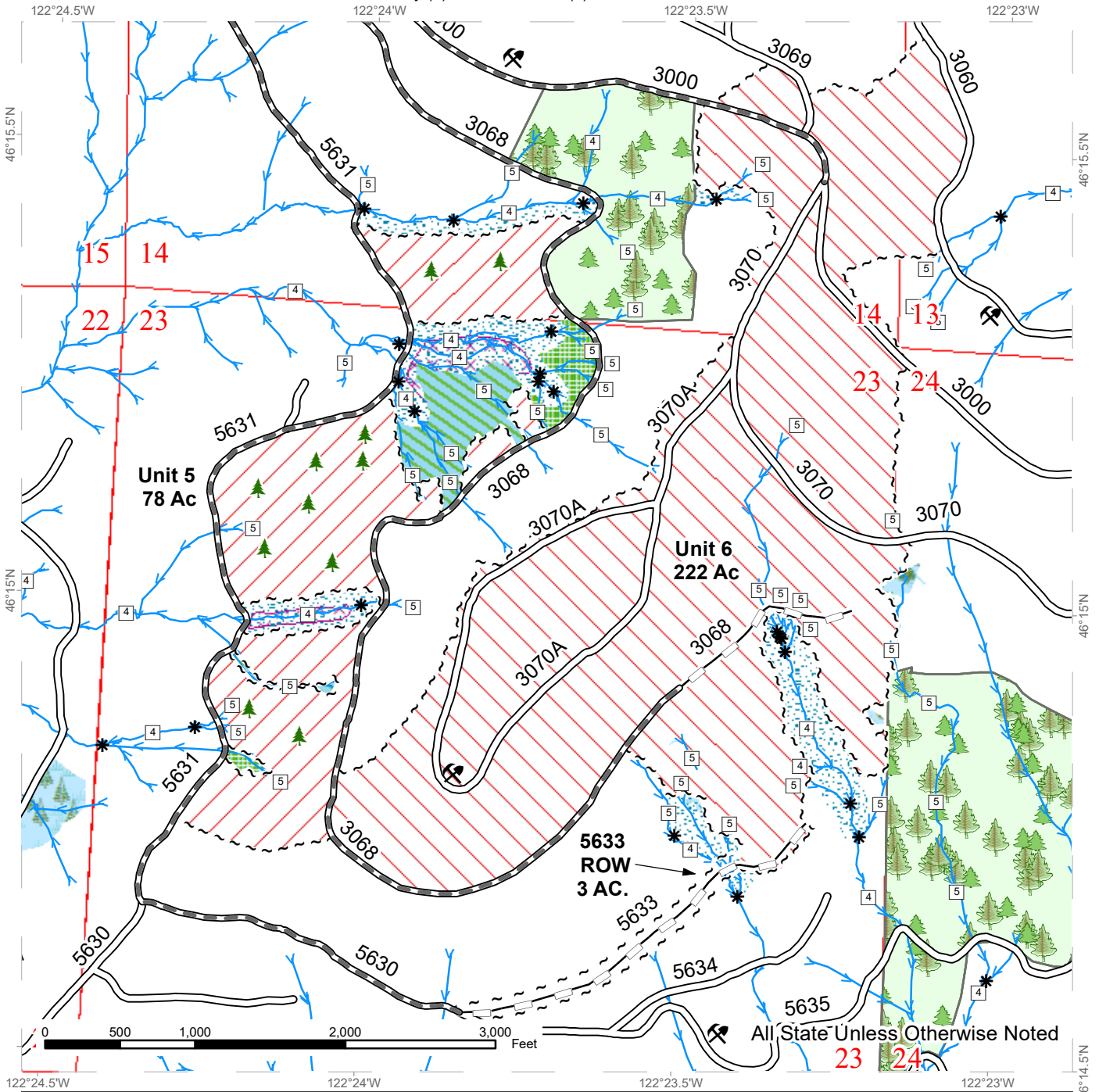
Variable Retention Harvest	Potentially Unstable Slopes	Streams
Non-Tradeable Leave Clump	Sale Boundary Tags	Stream Type
Leave Tree Area	Existing Roads	Stream Type Break
Riparian Mgt Zone	Required Pre-Haul Maintenance	Survey Monument
Forested Wetland	Optional Reconstruction	Leave Tree Area <1/4-acre
Wetland Mgt Zone	Required Abandonment	Culvert Removal



TIMBER SALE MAP

SALE NAME: RED STAPLER VRH AND THIN
AGREEMENT #: 30-105512
TOWNSHIP(S): T9R3E
TRUST(S): Common School and Indemnity (3), Normal School (8)

REGION: Pacific Cascade Region
COUNTY(S): Cowlitz
ELEVATION RGE: 2200-4000



All State Unless Otherwise Noted

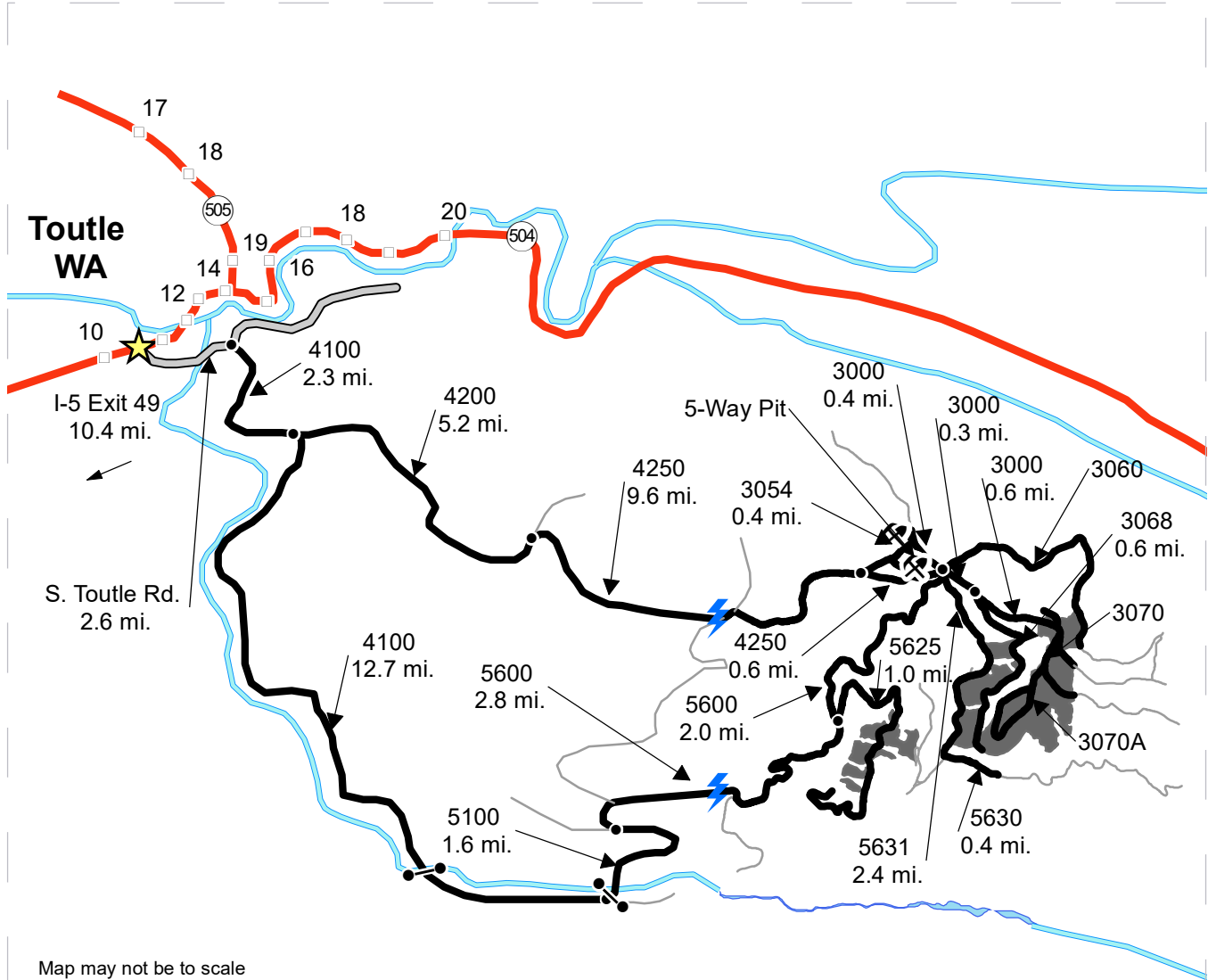
	Variable Retention Harvest		Potentially Unstable Slopes		Streams
	Variable Density Thinning		Old Growth		Stream Type
	Non-Tradeable Leave Clump		Sale Boundary Tags		Stream Type Break
	Leave Tree Area		Right of Way Tags		Leave Tree Area <1/4-acre
	Riparian Mgt Zone		Existing Roads		Required Pre-Haul Maintenance
	Forested Wetland		Optional Reconstruction		
	Wetland Mgt Zone				



DRIVING MAP

SALE NAME: RED STAPLER VRH AND THIN
AGREEMENT#: 30-105512
TOWNSHIP(S): T9R3E
TRUST(S): Common School and Indemnity (3), Normal School (8)

REGION: Pacific Cascade Region
COUNTY(S): Cowlitz
ELEVATION RGE: 2200-4000



Map may not be to scale

<ul style="list-style-type: none"> Timber Sale Unit Haul Route Other Road Milepost Markers Distance Indicator Gate (ABA) Rock Pit Town 	<p><u>DRIVING DIRECTIONS:</u></p> <p>From Exit 49 off I-5, follow SR 504 east for 10.4 miles. Turn right onto South Toutle Rd. and follow for 2.6 miles to the 4100. Continue on the 4100 for 2.3 miles to the 4200 junction.</p> <p>Units 1-4: Continue on the 4100 from the 4200 junction for 12.7 miles and then turn left on the 5100. Follow the 5100 for 1.6 miles and turn right onto the 5600. After following the 5600 for 2.8 miles turn right onto the 5625, after 1 mile Unit 1 will be on the right. Units 2-5 will follow Unit 1 over the next 0.7 miles on the right side of the road.</p> <p>Unit 5: From the 5625 junction continue on the 5600 for 2.0 miles to the 5-way. At the 5 way turn right onto the 3000 and follow for 0.3 miles. Turn right onto the 3068, after 0.6 miles Unit 5 will be on the right.</p> <p>Unit 6: From the 3068 junction continue on the 3000 for 0.6 miles. Unit 6 will be on the right.</p> <p>5-Way Pit: From the 5-way continue straight on the 3000 west for 0.4 miles and turn left onto the 3054, after 0.4 miles the road ends in the pit.</p> <p>5-Way: The 5-Way can also be reached by Turning left onto the 4200 from the 4100 and following for 5.2 miles to the 4250 Junction. Turn right onto the 4250 and follow for 9.5 miles.</p> <p>5633 ROW: From the 5-way turn right onto the 5600 and immediately stay to the left to continue onto the 5631. Follow for 2.4 miles then turn left onto the 5630. After 0.4 miles the 5633 will be on the left.</p>
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TIMBER NOTICE OF SALE

SALE NAME: RUSTY RIDGE 2024 VRH & VDT

AGREEMENT NO: 30-103588

AUCTION: November 14, 2023 starting at 10:00 a.m., COUNTY: Grays Harbor South Puget Sound Region Office, Enumclaw, WA

SALE LOCATION: Sale located approximately 7 miles east of Porter, WA.

PRODUCTS SOLD AND SALE AREA:

All timber, except snags and down timber existing more than 5 years from the day of sale, bounded by the following: white Timber Sale Boundary tags, timber type change marked with pink flagging, and the C-Line in Unit #1; white Timber Sale Boundary tags, timber type change marked with pink flagging, and the C-Line and C-1020 Road in Unit #2;

All timber as described in Schedule A bounded out by the following: white Timber Sale Boundary tags, timber type change marked with pink flagging, and the C-Line in Unit #3.

All forest products above located on part(s) of Sections 19 and 30 all in Township 17 North, Range 4 West, W.M., containing 52 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BVC-SFIFM-018227)

ESTIMATED SALE VOLUMES AND QUALITY:

Table with columns: Species, Avg DBH, Ring Count, Total MBF, Total \$/MBF, and MBF by Grade (1P, 2P, 3P, SM, 1S, 2S, 3S, 4S, UT). Rows include Douglas fir, Hemlock, Red alder, Noble fir, Other Hardwood, Other Conifer, Redcedar, and Sale Total.

MINIMUM BID: \$458/MBF (est. value \$428,000.00) BID METHOD: Sealed Bids

PERFORMANCE SECURITY: \$100,000.00 SALE TYPE: MBF Scale

EXPIRATION DATE: June 30, 2024 ALLOCATION: Export Restricted

BIDDABLE SPECIES: Douglas fir

BID DEPOSIT: \$42,800.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvesting activities are estimated to be 100 percent ground based harvest. Ground based equipment limited to tracked equipment and 6-wheeled rubber tired skidders with over-the-tire tracks spanning both sets of rear tires on sustained slopes that are 45 percent or



TIMBER NOTICE OF SALE

less. Yarding may be restricted during wet weather if rutting becomes excessive, per clause H-017.

ROADS:

31.59 stations of optional prehaul maintenance. Designated maintenance on all roads used.

Road work activities will not be permitted from November 1 to April 30, nor on weekends or State recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1 to April 30, a maintenance plan is required per Road Plan clause 1-26.

The hauling of forest products will not be permitted from November 1 to April 30, nor on weekends or State recognized holidays, unless authorized in writing by the Contract Administrator. Due to the short contract term, permission to operate between November 1 and April 30 will be permitted, dependent upon weather, with a maintenance plan in place to protect water, soil, roads, and other forest assets.

ACREAGE DETERMINATION

CRUISE METHOD:

Acreeage was determined by traversing boundaries by GPS in all units, and length times width for existing roads in Units #1 and #2. GPS data files are available at DNR's website for timber sale auction packets. See cruise narrative for cruise method.

FEES:

\$17,510.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS:

This sale is part of a research project in partnership with the Forest Service. Unit #1 includes ten group cuts of 0.4-1.8 acres each, labeled as G1-G10. Unit #2 includes five patch cuts of 0.9-3.8 acres each, labeled as P1-P5. There are no leave trees within the group or patch cut areas. Unit #3 is a thinning per Schedules A and B.

Purchaser is required to fell 15 trees for down woody debris, and create 10 snags within the RMZ thinning for Unit #3 (VDT). See Schedule A.

No equipment shall operate within 50 feet of the 100-year floodplain or ordinary high water mark of the stream, nor within 25 feet of the white Timber Sale Boundary tags within the Equipment Exclusion Zone in Unit #3 where shown on the Timber Sale map.

There are permanent research plots throughout the units marked with white, round, plastic stakes and aluminum tags on trees. Trees with aluminum tags may be removed, but the white plastic stakes shall be protected from disturbance.

Due to the research schedule requirements, the operation window for this sale is shorter than usual - December 1, 2023 through June 30, 2024.

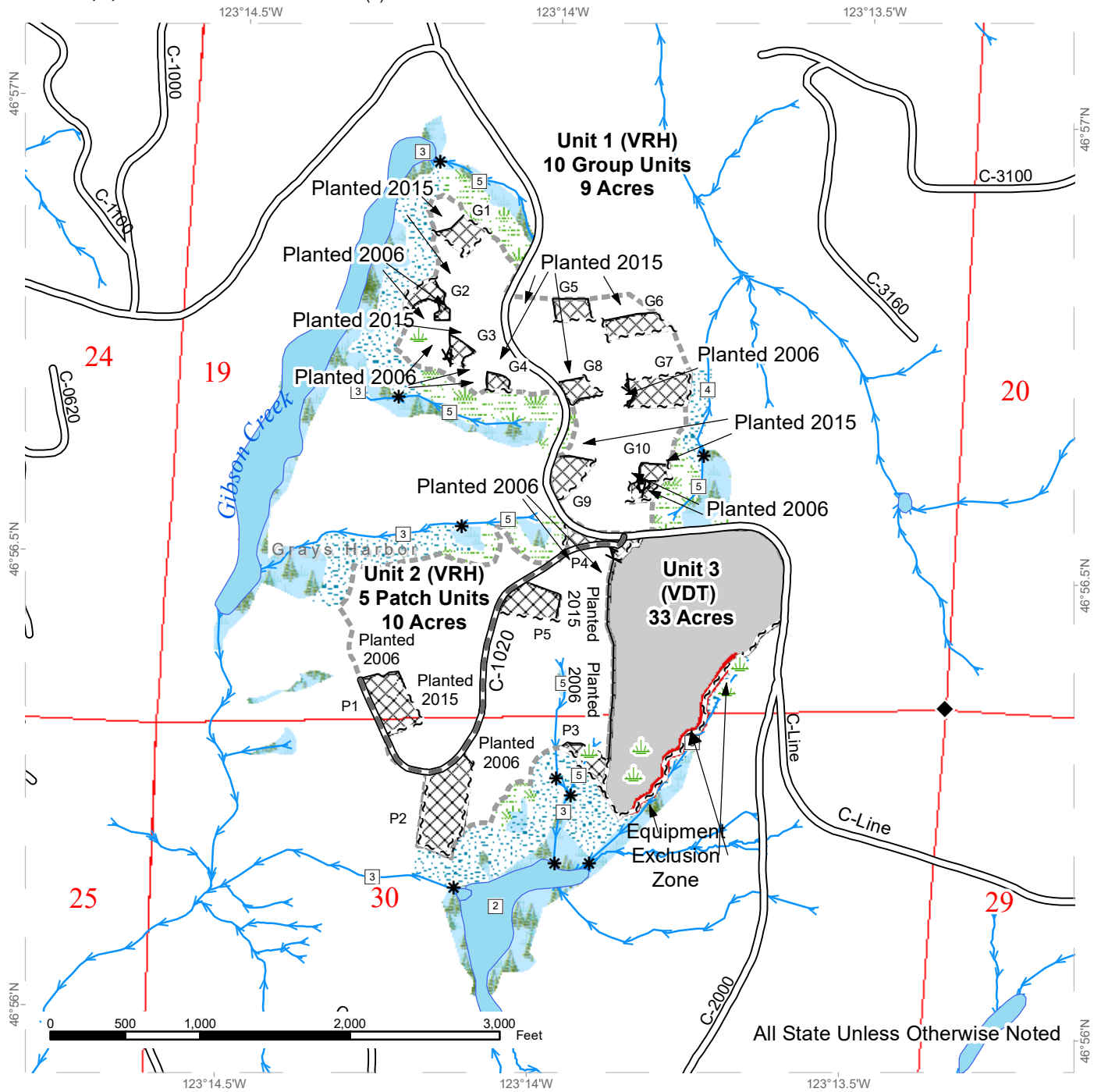
Purchaser shall cut all stems 6 feet tall and greater within Units #1 and #2, leaving a stump no more than 12 inches in height.

Note to cruisers and appraisers: Please refrain from leaving pink, orange, or blue flagging from your cruises in or around the sale area to avoid confusion with DNR's marking. Additionally, for the safety of the public, please remove from roads and trails all string from string boxes used during appraising or cruising this sale.

TIMBER SALE MAP

SALE NAME: RUSTY RIDGE 2024 VRH AND VDT
AGREEMENT #: 30-103588
TOWNSHIP(S): T17R4W
TRUST(S): State Forest Purchase (2)

REGION: South Puget Sound Region
COUNTY(S): Grays Harbor
ELEVATION RGE: 1218-1371



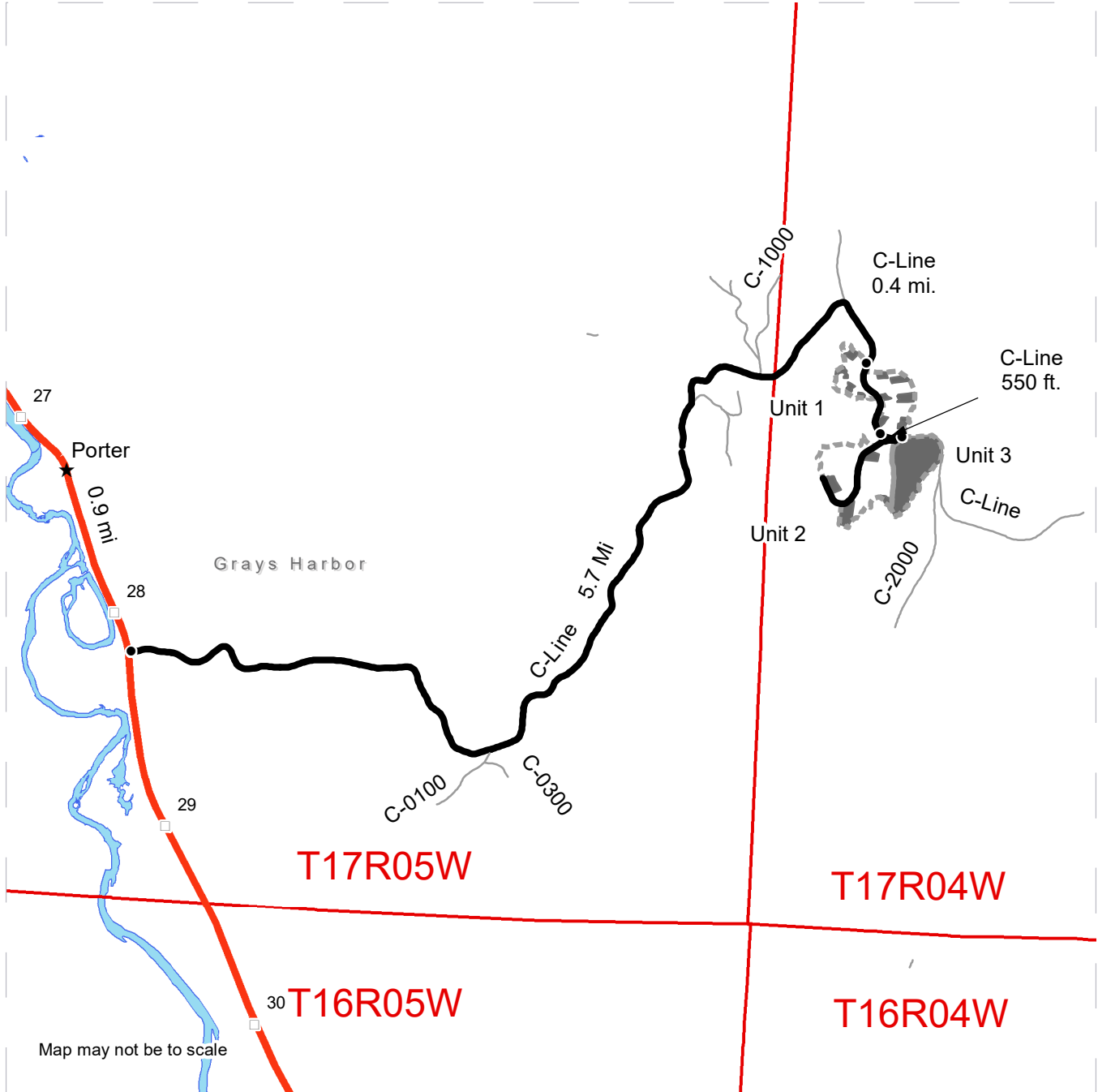
All State Unless Otherwise Noted

VRH (patch & groups)	Existing Roads	Survey Monument
Sale Area	Required Pre-Haul Maintenance	Wetland Mgt Zone
Equipment Exclusion Zone	Streams	
Riparian Mgt Zone	Stream Type	
Forested Wetland	Stream Type Break	
Wetland Mgt Zone		
Open Water		

DRIVING MAP

SALE NAME: RUSTY RIDGE 2024 VRH AND VDT
AGREEMENT#: 30-103588
TOWNSHIP(S): T17R4W
TRUST(S): State Forest Purchase (2)

REGION: South Puget Sound Region
COUNTY(S): Grays Harbor
ELEVATION RGE: 1218-1371



	Timber Sale Unit
	Highway
	Haul Route
	Other Road
	Milepost Markers
	Distance Indicator
	Town

DRIVING DIRECTIONS:

"From US Highway 12 (milepost 28), turn East onto the C-LINE and follow for 5.7 miles Unit 1.
 Continue following the C-Line for 0.4 mile to Unit 2
 Continue following the C-Line for 550 ft. to Unit 3."





TIMBER NOTICE OF SALE

SALE NAME: LICORICE ROOT

AGREEMENT NO: 30-103624

AUCTION: November 14, 2023 starting at 10:00 a.m., **COUNTY:** Mason
South Puget Sound Region Office, Enumclaw, WA

SALE LOCATION: Sale located approximately 14 miles northwest of Hoodspport, WA

**PRODUCTS SOLD
AND SALE AREA:**

All timber, except trees marked with blue paint or bounded out by yellow leave tree area tags, snags, and down wood greater than 5 years from the day of the sale, bounded by the following: white Timber Sale Boundary tags and the 2580 Road in Unit #1; white Timber Sale Boundary tags, the 2580 Road, and private property marked with yellow USFS tags and pink ribbon in Unit #2; white Timber Sale Boundary tags, timber type change marked with pink flagging, private property marked with yellow USFS tags and pink ribbon in Unit #3;

All timber bounded by orange Right of Way tags in Unit #4;

All forest products above located on part(s) of Sections 3 and 4 all in Township 24 North, Range 3 West, W.M., containing 111 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BVC-SFIFM-018227)

ESTIMATED SALE VOLUMES AND QUALITY:

Species	Avg DBH	Ring Count	Total MBF	MBF by Grade								
				1P	2P	3P	SM	1S	2S	3S	4S	UT
Douglas fir	14.9	9	2,663						1,003	1,264	388	8
Hemlock	12.1		652						115	354	146	37
Redcedar	13.5		200							115	85	
Red alder	12.9		25						5	3	17	
Cottonwood	23		10						10			
Sale Total			3,550									

MINIMUM BID: \$1,040,000.00 **BID METHOD:** Sealed Bids

PERFORMANCE SECURITY: \$100,000.00 **SALE TYPE:** Lump Sum

EXPIRATION DATE: October 31, 2026 **ALLOCATION:** Export Restricted

BID DEPOSIT: \$104,000.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvest activities are estimated to be 80 percent uphill cable, 15 percent downhill cable and 5 percent ground based harvest. Cable and ground based equipment, with self-leveling equipment limited to sustained slopes of 60 percent or less, ground based equipment limited to sustained slopes of 45 percent or less and tracked ground based equipment limited to sustained slopes of 35 percent or less. Yarding may be restricted during wet weather if rutting becomes excessive, per clause H-017.



TIMBER NOTICE OF SALE

Falling, yarding, timber haul will not be permitted on weekends or State recognized holidays, unless approved in writing by the Contract Administrator.

ROADS:

45.34 stations of optional construction. 30.71 stations of optional reconstruction. 274.14 stations of required prehaul maintenance. 292.25 stations of post-haul maintenance. 31.37 stations of abandonment, if constructed. 24.11 stations of abandonment, if used. Purchaser maintenance on the 2510, 2572, 2573 and 2580 roads and Spurs 1 and 2. Designated maintenance on all other roads used.

Rock for this proposal can be obtained from the State Owned 2510 Pit at no cost to the Purchaser or any commercial source at the Purchaser's expense. Rock source development is to be per Section 6 in the Road Plan and according to the Rock Source.

Operation of road construction equipment and rock haul will not be permitted on weekends or State recognized holidays, unless authority to do so is granted in writing by the Contract Administrator.

ACREAGE DETERMINATION

CRUISE METHOD: Acreage was determined by traversing boundaries by GPS and by multiplying length times width. GPS data files are available at DNR's website for timber sale packets. See cruise narrative for cruise method.

FEES:

\$60,350.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale contains Douglas-fir high quality poles and saw logs.

Tailhold restriction areas for slope stability protection are located near Units #1, #2, and #3.

Non-tradeable leave trees and clumps are located within Units #1, #2, and #3.

Full bench construction is associated with portions of Spurs 1 and 2 per Road Plan clause 4-12.

Downhill yarding within Unit #2 and #3 is likely necessary.

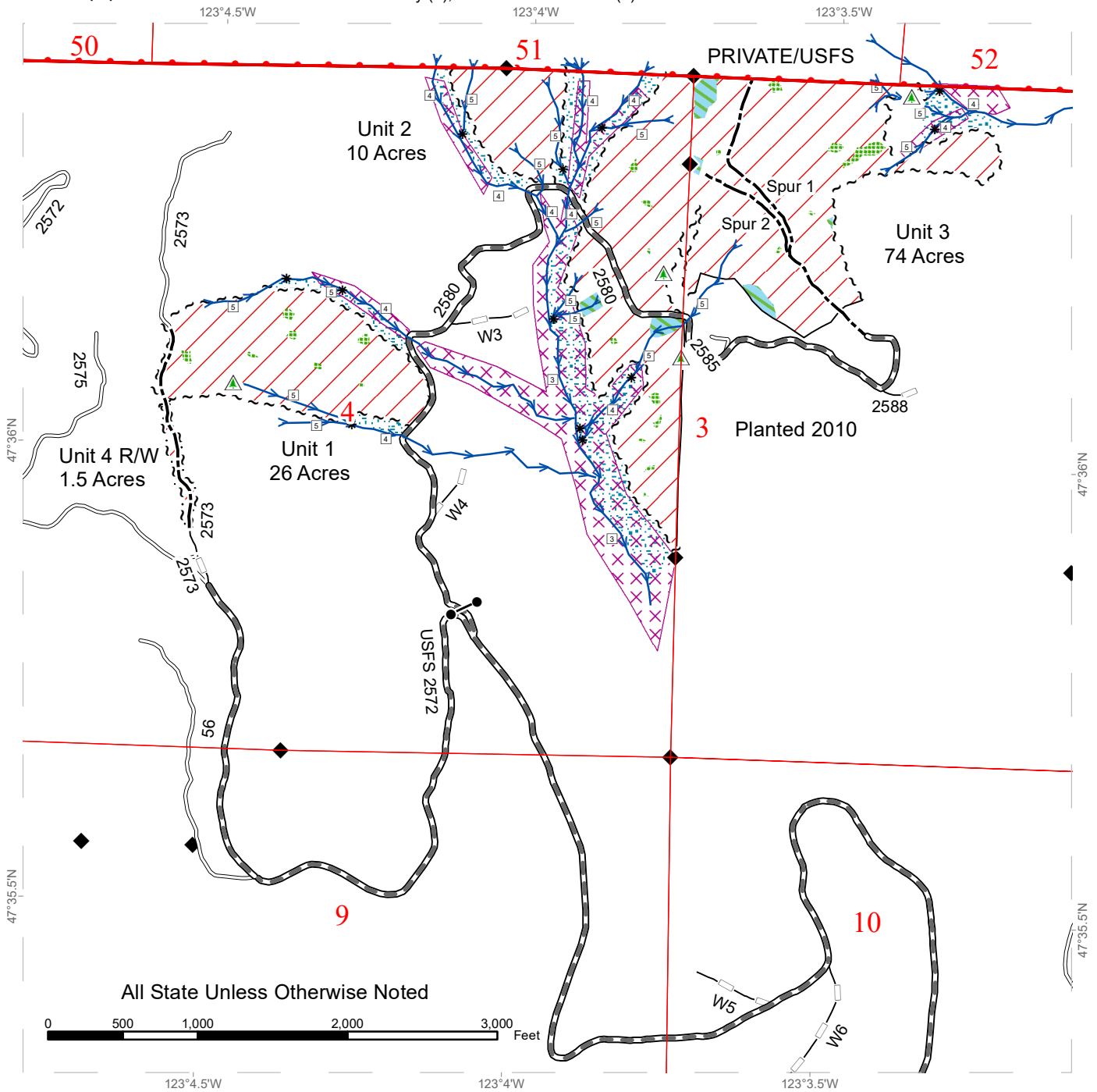
Note to cruisers and appraisers: Please refrain from leaving pink, orange or blue flagging from your cruises in or around the sale area to avoid confusion with DNR's marking. Additionally, for the safety of the public, please remove from roads all string from string boxes used during appraising or cruising this sale.

See map for gate locations. Gate keys may be obtained by contacting the South Puget Sound Region Office at 360-825-1631 or by contacting Jeremy Homer at 360-520-1409.

TIMBER SALE MAP

SALE NAME: LICORICE ROOT
AGREEMENT #: 30-103624
TOWNSHIP(S): T24R3W
TRUST(S): Common School and Indemnity (3), State Forest Transfer (1)

REGION: South Puget Sound Region
COUNTY(S): Mason
ELEVATION RGE: 1440-2560



Legend

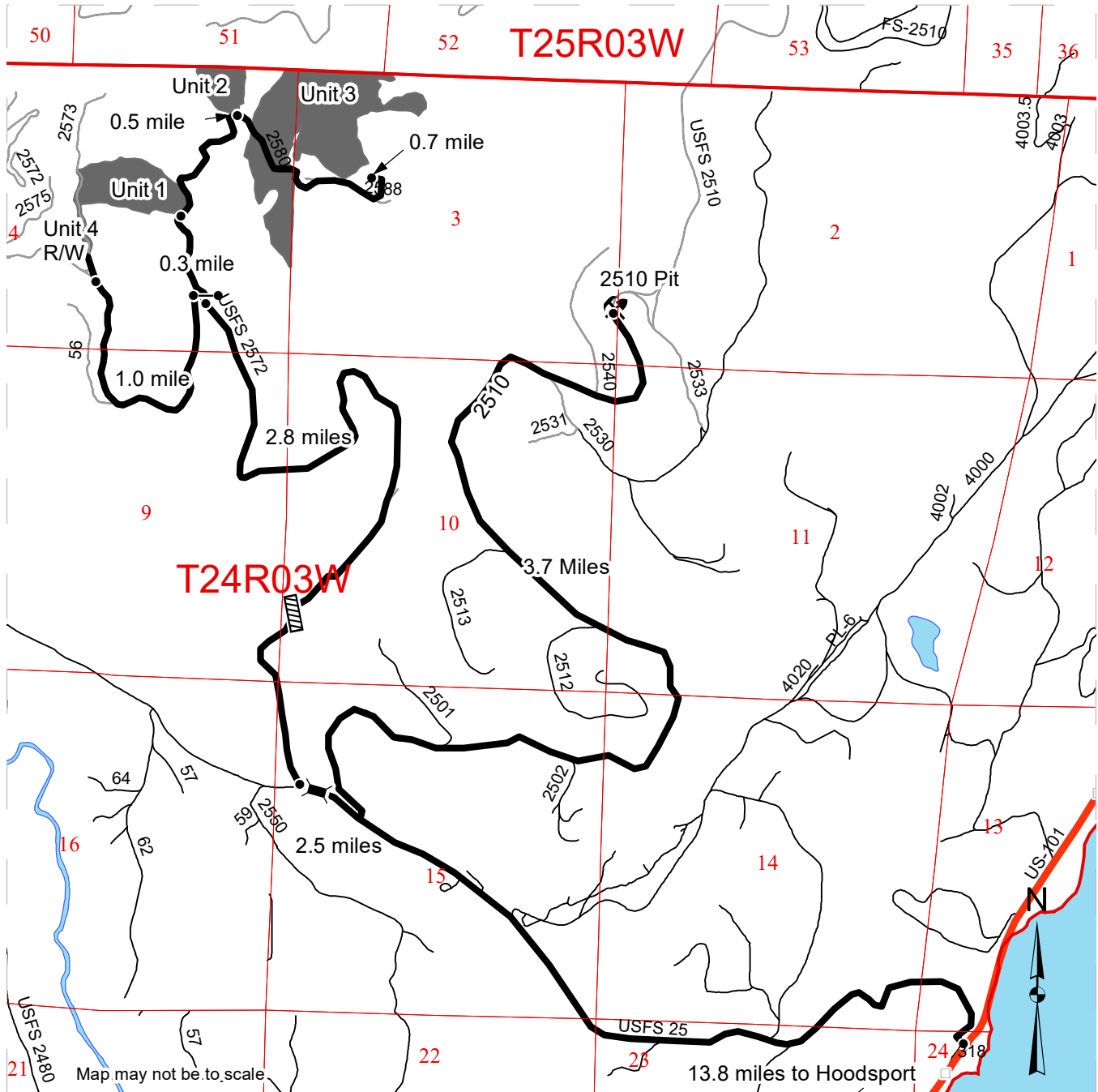
Variable Retention Harvest	Existing Roads	Streams	Non-Tradeable Leave Clump
Sale Boundary Tags	Required Pre-Haul Maintenance	Stream Type	Riparian Mgt Zone
Right of Way Tags	Optional Construction	Stream Type Break	Tailhold Restriction Area
Timber Type Change	Optional Reconstruction	Survey Monument	Public Land Survey Townships
	Gates (383 Master)	Non-Tradeable Leave Trees	Public Land Survey Sections
		Leave trees	



DRIVING MAP

SALE NAME: LICORICE ROOT
AGREEMENT#: 30-103624
TOWNSHIP(S): T24R3W
TRUST(S): Common School and Indemnity (3), State Forest Transfer (1)

REGION: South Puget Sound Region
COUNTY(S): Mason
ELEVATION RGE: 1440-2560



- Timber Sale Unit
- Haul Route
- Other Road
- Highway
- Milepost Markers
- Bridge
- Culvert
- Distance Indicator
- Gate (383 Master)
- Rock Pit

DRIVING DIRECTIONS FROM HOODSPORT:

Travel north on US-101 for 13.8 miles. Left onto USFS 25 Road for 2.5 miles. Right on the USFS 2572 Road for 2.8 miles. Right on the 2580 Road (gate #38) for 0.3 miles to Unit 1, Continue for 0.5 miles to Unit 2 then continue for 0.7 miles to Unit 3.

To rock pit: Left on USFS 25 Road for 2.3 miles. Right on the USFS 2510 Road for 3.7 miles to pit.



TIMBER NOTICE OF SALE

SALE NAME: Q JUPITER

AGREEMENT NO: 30-104762

AUCTION: November 14, 2023 starting at 10:00 a.m., COUNTY: Okanogan
Northeast Region Office, Colville, WA

SALE LOCATION: Sale located approximately 11 miles west of Loomis, WA.

PRODUCTS SOLD AND SALE AREA: All conifer species except for leave trees banded with yellow paint, leave trees bounded by yellow leave tree area tags and two standing snags per acre in Units 1, 3, 4, 5 and 6 bounded by white timber sale boundary tags; All green conifer species except for leave trees banded with yellow paint and leave trees bounded by yellow leave tree area tags in Unit 2 bounded by white timber sale boundary tags; and all right of way timber bounded by orange right of way boundary tags.

All forest products above located on part(s) of Sections 6, 7, 18 and 19 all in Township 39 North, Range 25 East, Sections 1, 12 and 24 all in Township 39 North, Range 24 East, W.M., containing 219 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BVC-SFIFM-018227)

ESTIMATED SALE VOLUMES AND QUALITY:

Table with columns: Species, Avg DBH, Ring Count, Total MBF, and MBF by Grade (P, SM, 1S, 2S, 3S, 4S, 5S, 6S, UT). Rows include Douglas fir, Spruce, Lodgepole, Alpine fir, Larch, and Sale Total.

MINIMUM BID: \$343,000.00 BID METHOD: Sealed Bids

PERFORMANCE SECURITY: \$68,600.00 SALE TYPE: Lump Sum

EXPIRATION DATE: November 30, 2025 ALLOCATION: Export Restricted

BID DEPOSIT: \$34,300.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Track skidder, Rubber tired skidder, and Ground based equipment. Falling and Yarding will not be permitted from March 15 to June 1 unless authorized in writing by the Contract Administrator due to spring breakup. Falling and yarding will not be permitted from May 1 to August 1 in Unit 2 unless authorized in writing by the State due to wildlife timing restrictions.

ROADS: 16.21 stations of required construction. 341.72 stations of required prehaul maintenance. 29.54 stations of abandonment. 60.00 stations of decommissioning. Road construction will not be permitted from March 15 to June 1 unless authorized in writing by the



TIMBER NOTICE OF SALE

Contract Administrator due to spring breakup. Road construction will not be permitted from May 1 to August 1 in Unit 2 unless authorized in writing by the State due to wildlife timing restrictions. The hauling of forest products will not be permitted from March 15 to June 1 unless authorized in writing by the Contract Administrator due to spring breakup. The hauling of forest products will not be permitted from May 1 to August 1 in Unit 2 unless authorized in writing by the State due to wildlife timing restrictions.

ACREAGE DETERMINATION

CRUISE METHOD: Acreage determined using GPS methods. Acreage shown above is net harvest acres in harvest units. All species: 7.0 - 17.5 inches dbh has minimum top of 4.6 inch dib. All species 17.6 inches and greater dbh have a minimum top dib of 40% of dob at 16 feet or a 6 inch top whichever is greater.

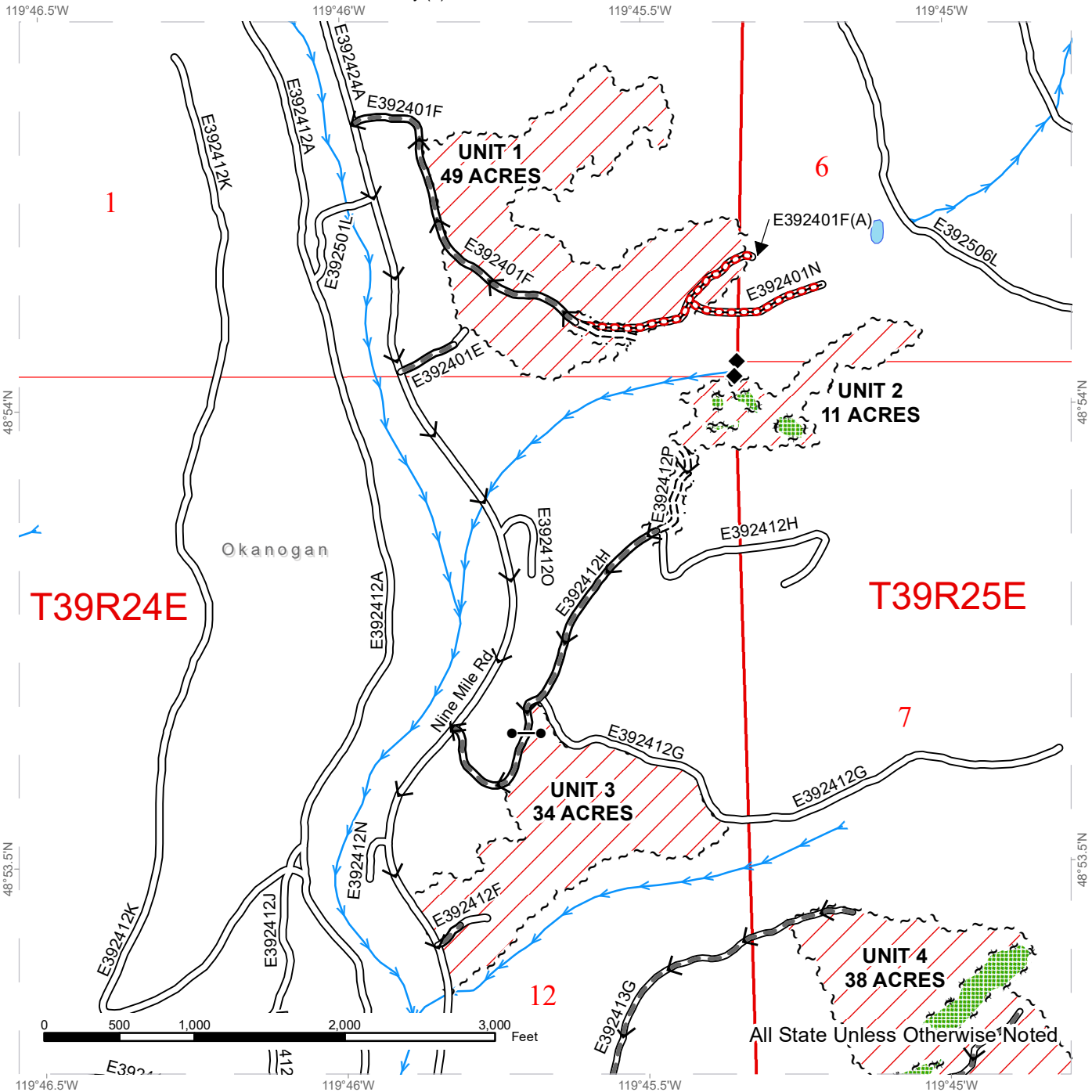
FEES: \$39,457.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: Locked gates restrict access to Units 2 and 4. Contact the Northeast Region Office at (509) 684-7474 for access.

TIMBER SALE MAP

SALE NAME: Q JUPITER
AGREEMENT #: 30-104762
TOWNSHIP(S): T39R24E, T39R25E
TRUST(S): Common School and Indemnity (3)

REGION: Northeast Region
COUNTY(S): Okanogan
ELEVATION RGE: 4200-5600



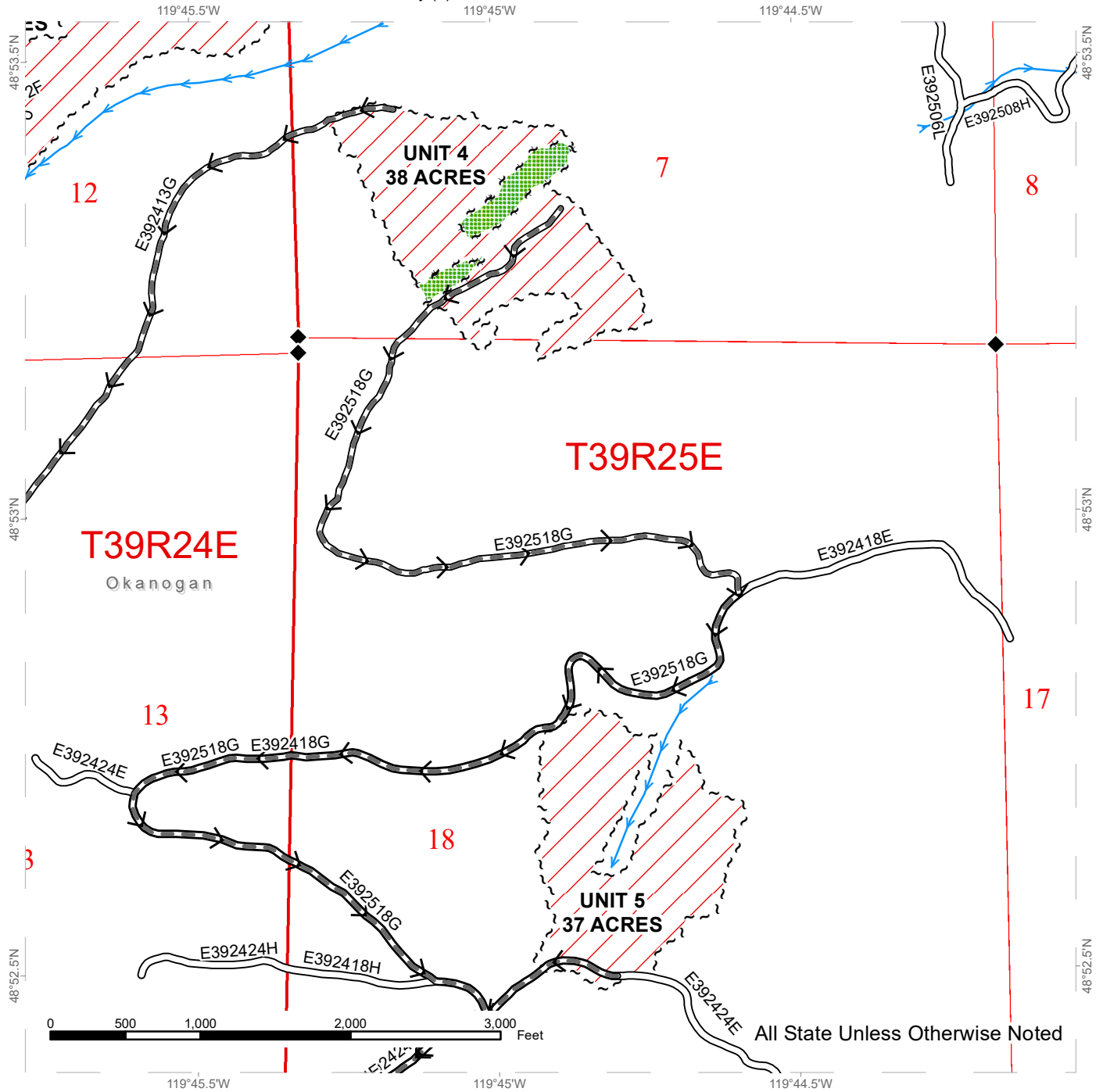
All State Unless Otherwise Noted

Public Land Survey Sections	Leave Tree Area	Streams
DNR Managed Lands	Haul Route	Survey Monument
Variable Retention Harvest	Existing Roads	Gate
Sale Boundary Tags	Required Pre-Haul Maintenance	
Leave Tree Tags	Required Construction	
Right of Way Tags = 1 acre	Required Abandonment	

TIMBER SALE MAP

SALE NAME: Q JUPITER
AGREEMENT #: 30-104762
TOWNSHIP(S): T39R24E, T39R25E
TRUST(S): Common School and Indemnity (3)

REGION: Northeast Region
COUNTY(S): Okanogan
ELEVATION RGE: 4200-5600



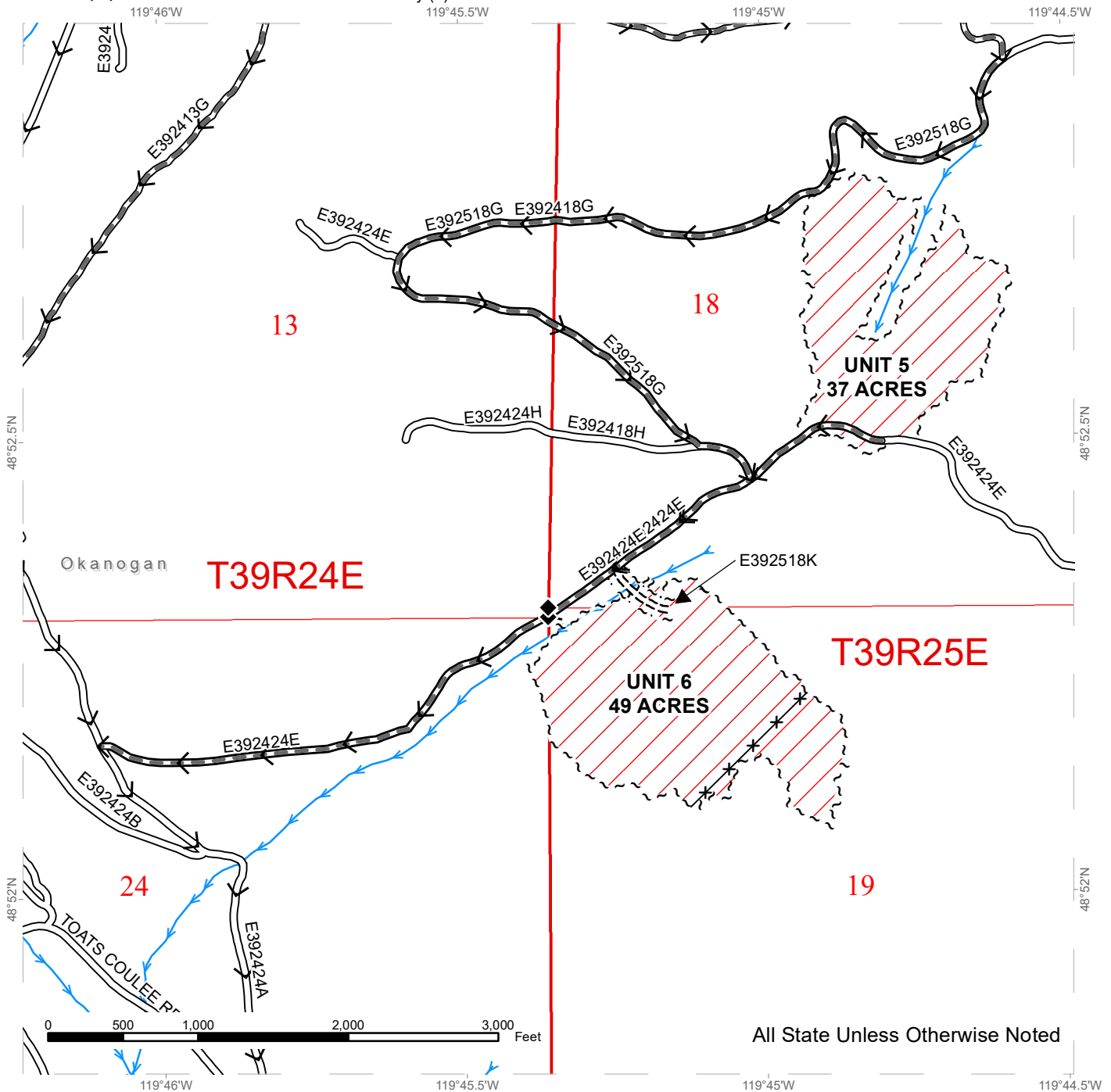
Public Land Survey Sections	Haul Route	Streams
DNR Managed Lands	Existing Roads	Survey Monument
Variable Retention Harvest	Required Pre-Haul Maintenance	
Sale Boundary Tags		
Leave Tree Tags		
Leave Tree Area		



TIMBER SALE MAP

SALE NAME: Q JUPITER
AGREEMENT #: 30-104762
TOWNSHIP(S): T39R24E, T39R25E
TRUST(S): Common School and Indemnity (3)

REGION: Northeast Region
COUNTY(S): Okanogan
ELEVATION RGE: 4200-5600



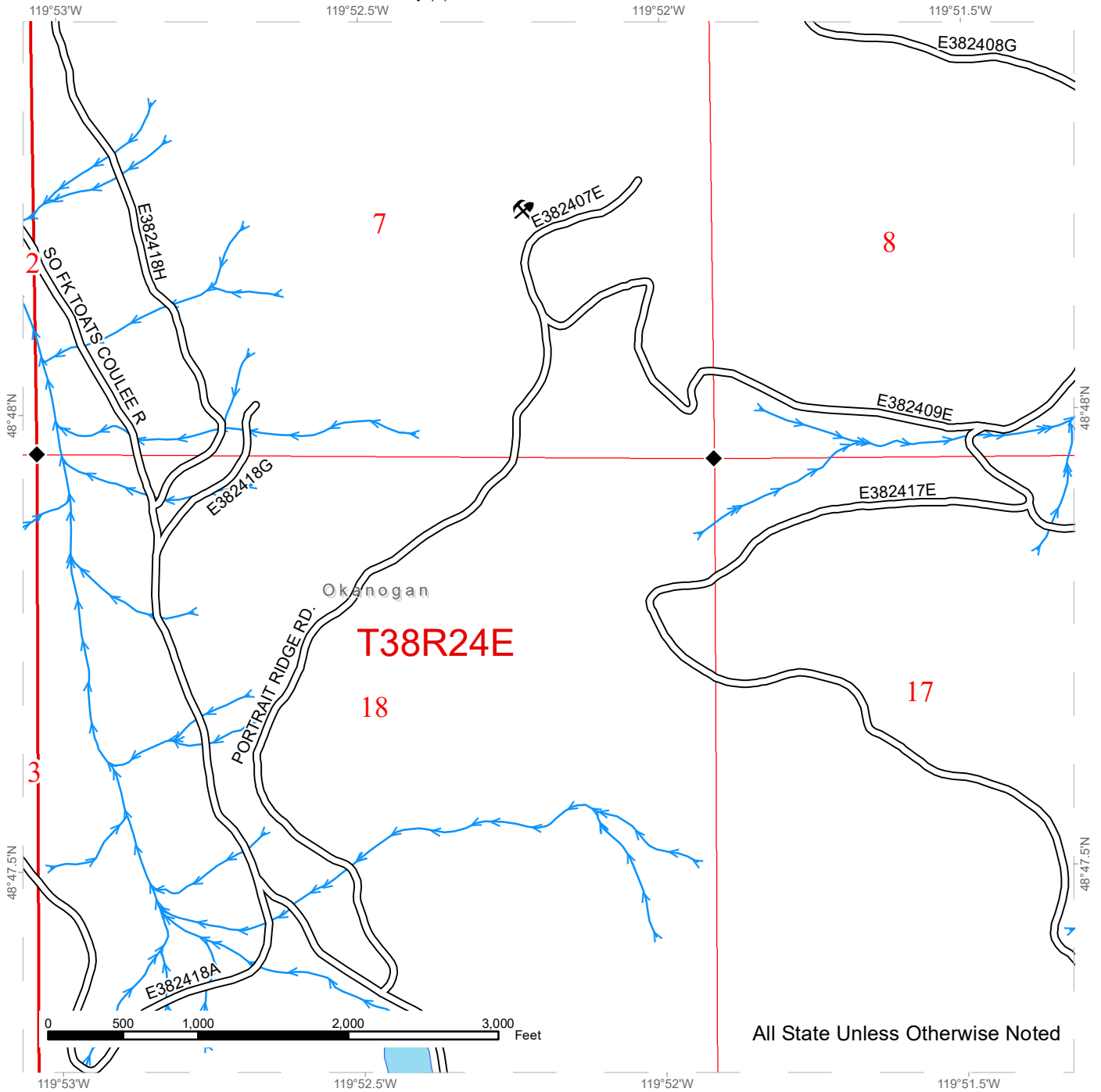
All State Unless Otherwise Noted

Public Land Survey Sections	Haul Route	Streams
DNR Managed Lands	Existing Roads	Survey Monument
Variable Retention Harvest	Required Pre-Haul Maintenance	Gate
Sale Boundary Tags	Required Construction	
Right of Way Tags = 1 acre	Fence	

TIMBER SALE MAP

SALE NAME: Q JUPITER
AGREEMENT #: 30-104762
TOWNSHIP(S): T39R24E, T39R25E
TRUST(S): Common School and Indemnity (3)

REGION: Northeast Region
COUNTY(S): Okanogan
ELEVATION RGE: 4200-5600



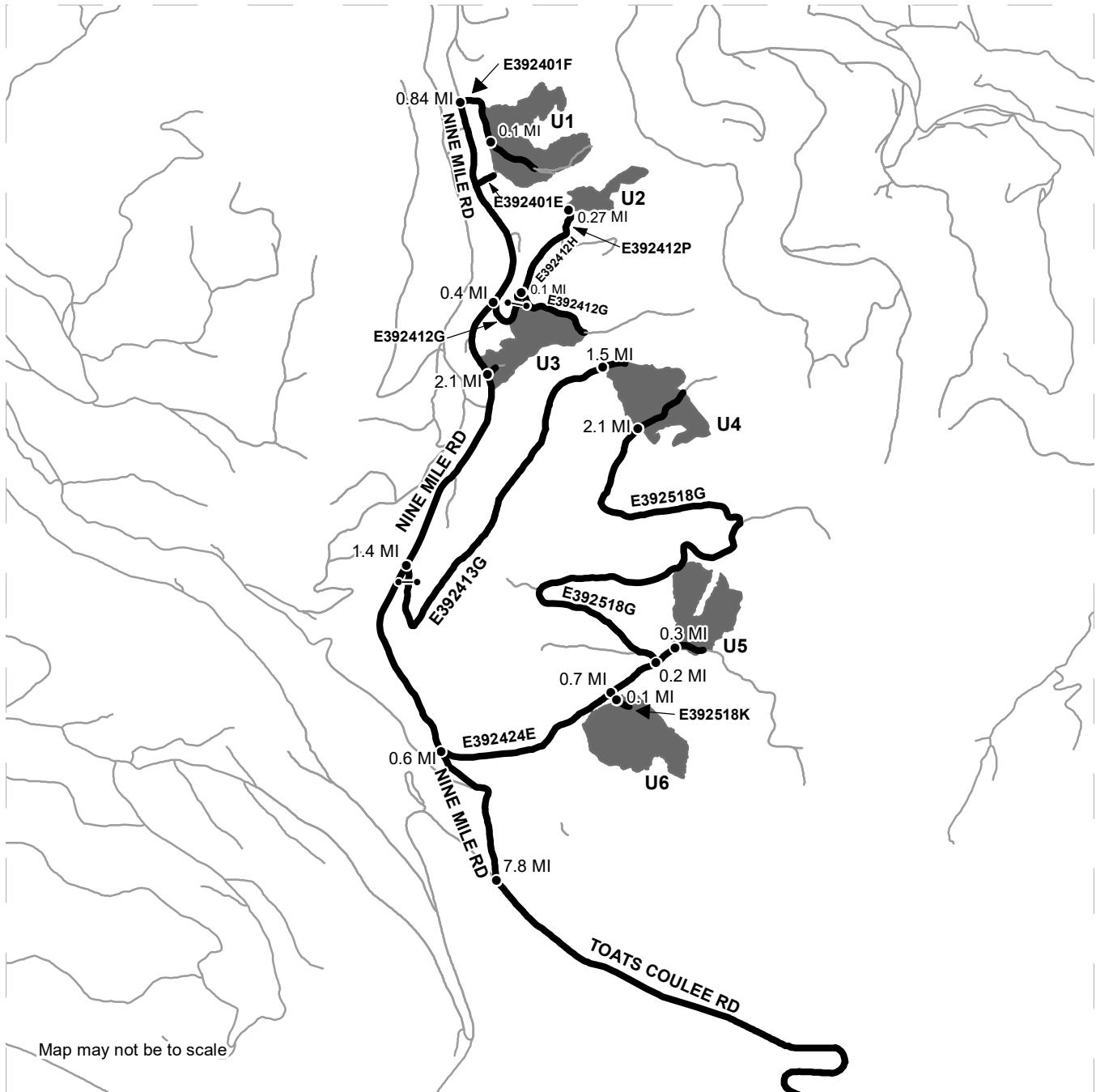
	Public Land Survey Sections		Existing Roads
	DNR Managed Lands		Survey Monument
			Rock Source



DRIVING MAP

SALE NAME: Q JUPITER
AGREEMENT#: 30-104762
TOWNSHIP(S): T39R24E, T39R25E
TRUST(S): Common School and Indemnity (3)

REGION: Northeast Region
COUNTY(S): Okanogan
ELEVATION RGE: 4200-5600



Map may not be to scale

	Timber Sale Unit
	Haul Route
	Other Route
	Distance Indicator
	Gate

DRIVING DIRECTIONS:

From Loomis, WA travel north on the Loomis-Oroville road for 2.1 miles and turn left on Toats Coulee road. Travel approximately 7.8 miles and turn right on Nine Mile road.

To access Units 4-6 travel 0.6 miles and turn right on E392424E. Travel 0.7 miles from the intersection and turn right on E392518K travel for 0.1 miles to access Unit 6.

To access Unit 5 travel 0.3 miles further up E392424E from the intersection of E392424E and E392518K.

To access Unit 4 travel 0.2 miles from the intersection of E392424E and E392518K on E392424E and Turn left on E392518G. Continue on E392518G for 2.1 miles. A second access to Unit 4 is 1.4 miles from the intersection of Toats Coulee road and Nine Mile road. Turn right on E392413G and travel 1.5 miles.

To access Unit 3 turn right onto Nine Mile road at the intersection of Toats Coulee road and Nine Mile road and travel 2.1 miles. A second access to Unit 3 is 0.4 miles further up Nine Mile road- turn right at E392412G and travel 0.1 miles.

The access to Unit 2 is 0.1 miles further up E392412G- take a left at the intersection of E392412G and E392412H and travel 0.27 miles and turn left at E392412P.

To access Unit 1 travel 0.84 miles further up Nine Mile road from the intersection of Nine Mile road and 392412G. Turn right at E392401F and travel 0.1 miles.



DRIVING MAP

SALE NAME: Q JUPITER
AGREEMENT#: 30-104762
TOWNSHIP(S): T39R24E, T39R25E
TRUST(S): Common School and Indemnity (3)

REGION: Northeast Region
COUNTY(S): Okanogan
ELEVATION RGE: 4200-5600



	Timber Sale Unit
	Other Route
	Haul Route
	Distance Indicator
	Gate
	Rock Source
	Town

DRIVING DIRECTIONS:

From Loomis, WA travel north on the Loomis-Oroville road for 2.1 miles and turn left on Toats Coulee road. Travel approximately 7.8 miles and turn right on Nine Mile road.

To access Units 4-6 travel 0.6 miles and turn right on E392424E. Travel 0.7 miles from the intersection and turn right on E392518K travel for 0.1 miles to access Unit 6.

To access Unit 5 travel 0.3 miles further up E392424E from the intersection of E392424E and E392518K.

To access Unit 4 travel 0.2 miles from the intersection of E392424E and E392518K on E392424E and Turn left on E392518G. Continue on E392518G for 2.1 miles. A second access to Unit 4 is 1.4 miles from the intersection of Toats Coulee road and Nine Mile road. Turn right on E392413G and travel 1.5 miles.

To access Unit 3 turn right onto Nine Mile road at the intersection of Toats Coulee road and Nine Mile road and travel 2.1 miles. A second access to Unit 3 is 0.4 miles further up Nine Mile road- turn right at E392412G and travel 0.1 miles.

The access to Unit 2 is 0.1 miles further up E392412G- take a left at the intersection of E392412G and E392412H and travel 0.27 miles and turn left at E392412P.

To access Unit 1 travel 0.84 miles further up Nine Mile road from the intersection of Nine Mile road and 392412G. Turn right at E392401F and travel 0.1 miles.





TIMBER NOTICE OF SALE

SALE NAME: *IN THE PIPELINE*

AGREEMENT NO: *30-104154*

AUCTION: November 16, 2023 starting at 10:00 a.m., **COUNTY:** Pacific
Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 6 miles northeast of Lebam

PRODUCTS SOLD AND SALE AREA: All timber, except trees marked with blue paint, trees bound out by yellow "Leave Tree Area" tags, and all down timber existing 10 years prior to the day of sale, bounded by the following;

Unit 1, white "Timber Sale Boundary" tags with pink "Timber Harvest Boundary" flagging and reprod;

All forest products above located on part(s) of Sections 36 all in Township 13 North, Range 7 West, Sections 30 and 31 all in Township 13 North, Range 6 West, W.M., containing 96 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BVC-SFIFM-018227)

ESTIMATED SALE VOLUMES AND QUALITY:

Species	Avg DBH	Ring Count	Total MBF	MBF by Grade									
				1P	2P	3P	SM	1S	2S	3S	4S	UT	
Douglas fir	24.3	8	4,518			49	568			3,236	575	62	27
Red alder	15.6		594							291	105	197	
Maple	15.7		275							145	18	112	
Hemlock	17.2		269							177	65	25	2
Redcedar	26.2		183								182	1	
Spruce	23.6		66							30	32	2	2
Sale Total			5,905										

MINIMUM BID: \$1,975,000.00 **BID METHOD:** Sealed Bids

PERFORMANCE SECURITY: \$100,000.00 **SALE TYPE:** Lump Sum

EXPIRATION DATE: October 31, 2025 **ALLOCATION:** Export Restricted

BID DEPOSIT: \$197,500.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable, Cable-Assist, Shovel, and Track skidder. Harvesting activities are estimated to be 65 percent ground based yarding and 35 percent cable yarding. Ground based equipment is restricted to slopes of 45 percent and less, and shall operate only during dry soil conditions. Self-Leveling ground based yarding equipment will not be permitted on sustained slopes over 55 percent. Cable assist operations will not be permitted on slopes over 75 percent. 6 Wheeled skidder with tracks similar to ECO-TRACKS™, will not be permitted on sustained slopes over 40 percent. See Clause H-140 for further harvest requirements.



TIMBER NOTICE OF SALE

ROADS: 43.65 stations of optional construction. 415.00 stations of required prehaul maintenance. Rock used in accordance with the quantities on the ROCK LIST may be obtained from the P&E Extension Quarry located in Section 29, T13N, R6W, WM. on state land at no charge to the Purchaser. Purchaser shall obtain written approval from the Contract Administrator for the use of material from any other source.

Rock used in accordance with the quantities on the ROCK LIST may be obtained from the P&E Extension Quarry stockpile(s) located in Section 29, T13N, R6W, WM. on state land at no charge to the Purchaser. Purchaser shall not remove additional yardage without prior written approval from the Contract Administrator. Other stockpiles may not be used without prior written approval from the Contract Administrator.

Rock used in accordance with the quantities on the ROCK LIST may be obtained from any commercial source at the Contractor's expense. Rock sources are subject to written approval by the Contract Administrator before their use. The hauling of forest products will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

CRUISE METHOD: The sale acres were determined by GPS. The sale area was cruised using a variable plot cruise method.

FEES: \$100,385.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

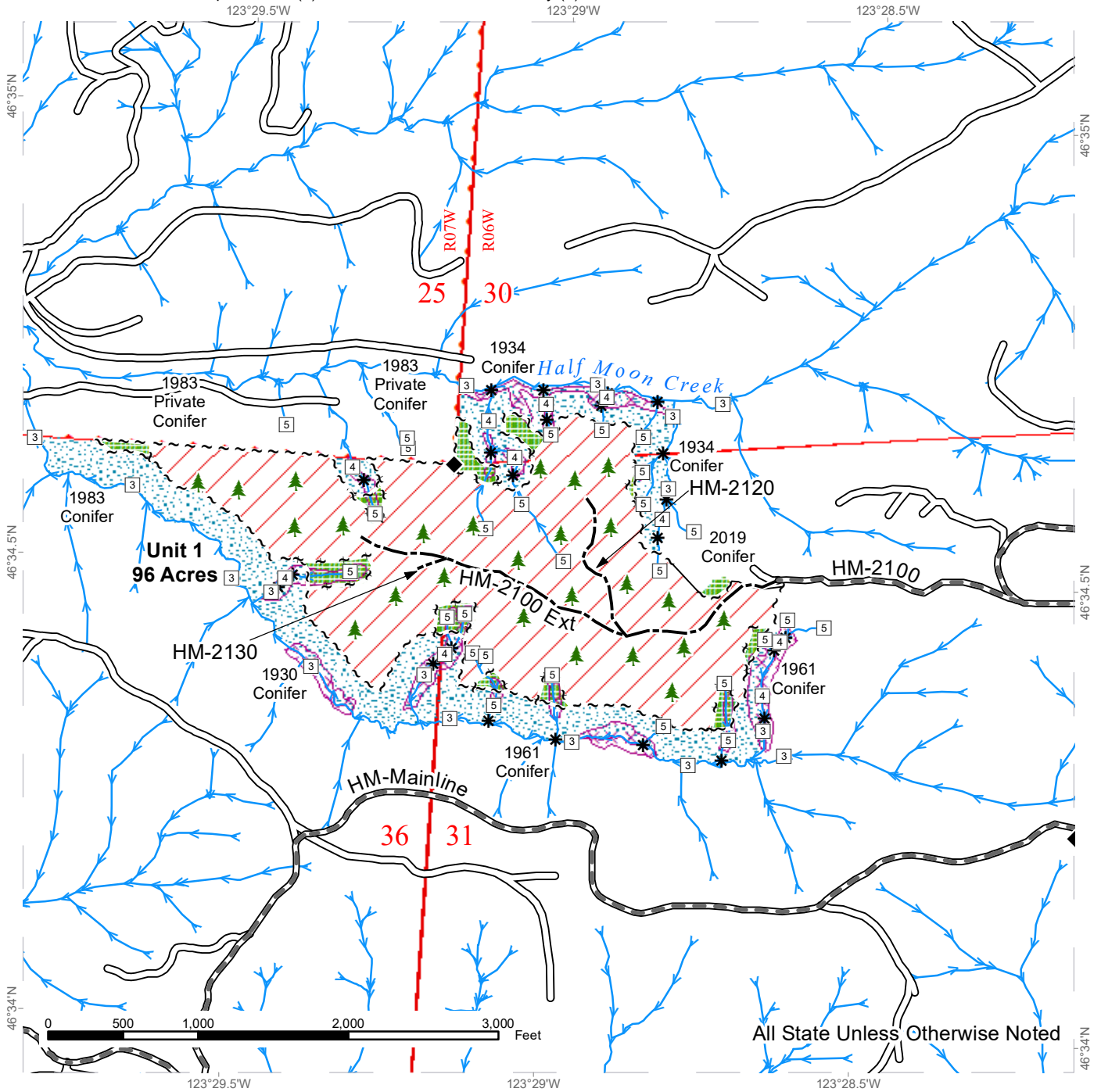
SPECIAL REMARKS: This sale contains approximately 568 MBF Special Mill DF, 490 MBF High Quality 2 Saw DF, 75 MBF high quality 3 saw DF. See Cruise for additional for additional information.

All trees 60 inches Diameter at Breast Height (DBH) and greater shall not be felled unless for safety reasons. If trees 60 inches DBH or greater needs to be felled for safety reasons, trees will be left where felled.

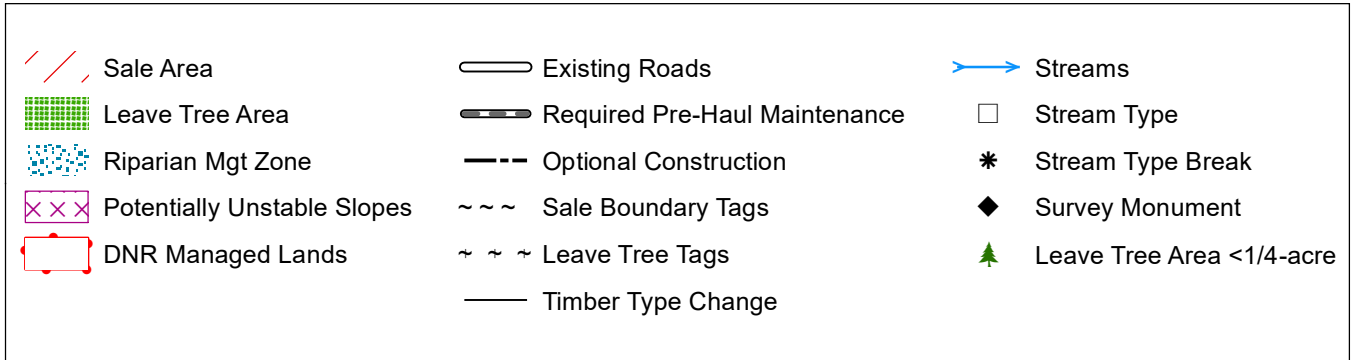
TIMBER SALE MAP

SALE NAME: IN THE PIPELINE
AGREEMENT #: 30-104154
TOWNSHIP(S): T13R6W, T13R7W
TRUST(S): Capitol Grant (7), Common School and Indemnity (3)

REGION: Pacific Cascade Region
COUNTY(S): Pacific
ELEVATION RGE: 520-880



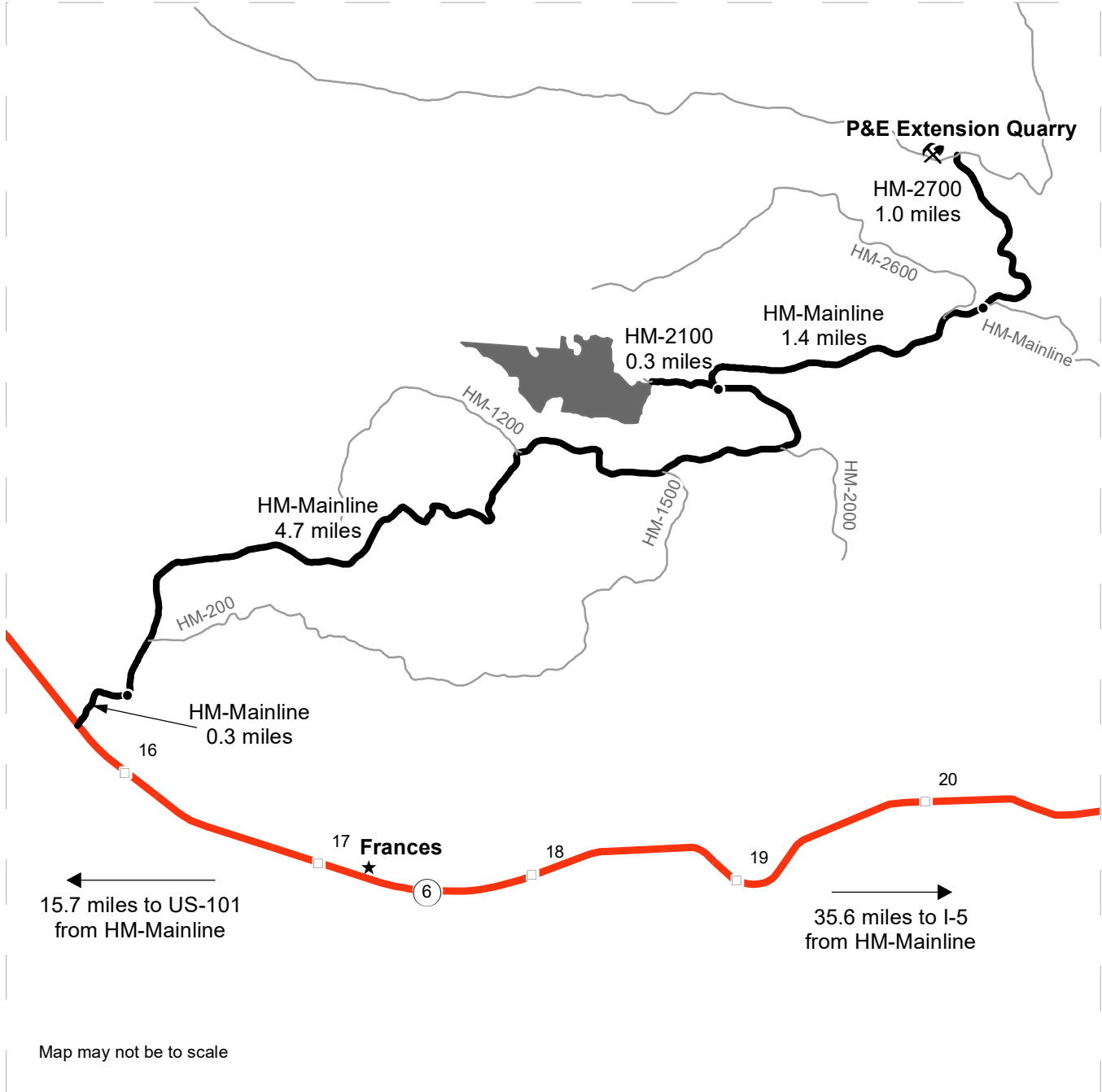
All State Unless Otherwise Noted



DRIVING MAP

SALE NAME: IN THE PIPELINE
AGREEMENT#: 30-104154
TOWNSHIP(S): T13R6W, T13R7W
TRUST(S): Capitol Grant (7), Common School and Indemnity (3)

REGION: Pacific Cascade Region
COUNTY(S): Pacific
ELEVATION RGE: 520-880



Map may not be to scale

- Timber Sale Unit
- Highway
- Haul Route
- Other Road
- Milepost Markers
- Distance Indicator
- Rock Pit
- Town

DRIVING DIRECTIONS:

To Unit 1:
 At MM 15.7 on SR 6, head northeast on the HM-Mainline through a cattle guard. Drive 0.3 miles to the second cattle guard. Drive 4.7 miles to the HM-2100 and turn left. Drive 0.3 miles to **Unit 1** on the left.

To P and E Extension Quarry:
 From the HM-Mainline and HM-2100 junction, continue on the HM-Mainline for 1.4 miles and turn left onto the HM-2700. Drive 1.0 miles to P&E Extension Quarry.





TIMBER NOTICE OF SALE

SALE NAME: MARSHMALLOW

AGREEMENT NO: 30-103589

AUCTION: November 14, 2023 starting at 10:00 a.m., COUNTY: Thurston South Puget Sound Region Office, Enumclaw, WA

SALE LOCATION: Sale located approximately 18 miles west of Olympia, WA.

PRODUCTS SOLD AND SALE AREA:

All timber, except leave trees bounded out by yellow leave tree area tags, snags, and down timber existing more than 5 years from the day of sale, bounded by the following: white Timber Sale Boundary tags, and the B-5000 and B-5200 roads in Unit #1; white Timber Sale Boundary tags, and the B-5000, B-5200, and C-4800 roads in Unit #2; white Timber Sale Boundary tags, and the C-4000 Road in Units #3 and #4; white Timber Sale Boundary tags, and the C-4700, C-8000, C-8900, C-8910, and C-8912 roads in Unit #5.

All forest products above located on part(s) of Sections 25, 26, 35 and 36 all in Township 18 North, Range 4 West, Sections 31 all in Township 18 North, Range 3 West, W.M., containing 241 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BVC-SFIFM-018227)

ESTIMATED SALE VOLUMES AND QUALITY:

Table with columns: Species, Avg DBH, Ring Count, Total MBF, and MBF by Grade (1P, 2P, 3P, SM, 1S, 2S, 3S, 4S, UT). Rows include Douglas fir, Hemlock, Red alder, Redcedar, Noble fir, Grand fir, and Sale Total.

MINIMUM BID: \$2,927,000.00 BID METHOD: Sealed Bids

PERFORMANCE SECURITY: \$100,000.00 SALE TYPE: Lump Sum

EXPIRATION DATE: October 31, 2026 ALLOCATION: Export Restricted

BID DEPOSIT: \$292,700.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvesting activities are estimated to be 68 percent cable and 32 percent ground based harvest. Cable and cable-tethered equipment allowed on all slopes. Non-tethered self-leveling equipment limited to sustained slopes of 55 percent or less, all other ground based equipment limited to tracked equipment and 6-wheeled rubber tired skidders with over-the-tire tracks spanning both sets of rear tires on sustained slopes that are 45 percent or less. Yarding may be restricted during wet weather if rutting becomes excessive, per clause H-017.

Falling and yarding will not be permitted on weekends or State recognized holidays unless authority to do so is granted, in writing, by the Contract Administrator.



TIMBER NOTICE OF SALE

ROADS: 964.60 stations of required prehaul maintenance. 7.20 stations of required abandonment. Road work on this sale includes optional landing construction. Purchaser maintenance on the B-5000 (Adjacent/within Units #1 and #2), B-5200, C-4000, C-4700, C-4800, C-8000 (Adjacent /within Unit #5), C-8900, C-8910, and C-8912 roads. Designated maintenance on all other roads used.

Rock for this proposal may be obtained from the State owned Porter Pass Quarry, and up to 1,700cy of 2-inch crushed and up to 1,800cy of 4-inch jaw from the existing stockpiles at Porter Pass Quarry, at no cost to the Purchaser, or any commercial rock source at the Purchaser's expense. An estimated 1,872 cubic yards of commercial rock is required for surfacing on the B-Line and B-8000 Roads. See Rock Lists in the Road Plan.

All road work activities will not be permitted from November 1 to April 30, nor on weekends or State recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1 to April 30, a maintenance plan may be required per Road Plan clause 1-26.

The hauling of forest products will not be permitted from November 1 to April 30, nor on weekends or State recognized holidays, unless authorized in writing by the Contract Administrator. If permission is granted to operate from November 1 to April 30, preventative measures may be required to protect water, soil, roads and other forest assets.

ACREAGE DETERMINATION

CRUISE METHOD: Unit acreage was determined by traversing boundaries by GPS in all units, and length times width for existing roads in Units #1, #2, and #5. GPS data files are available at DNR's website for timber sale auction packets. See cruise narrative for cruise method.

FEES: \$181,186.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: Purchaser shall cut all hardwood stems more than 6 feet tall within the harvest units, leaving a stump no more than 12 inches in height.

There are trees in all units from previous thinnings painted with a single blue or yellow band. Trees painted with a single blue or yellow band are take trees, unless located within tagged leave tree area clumps.

This sale includes replacement of 14 stream culverts (no fish) and 23 cross-drain culverts, including 4 contingency cross-drain culverts, depending on need.

Purchaser shall close recreation trails associated with Unit #5 per Schedule A.

Purchaser shall abate dust on the B-Line from stations 638+35 to 647+00 per Contract Administrator discretion.

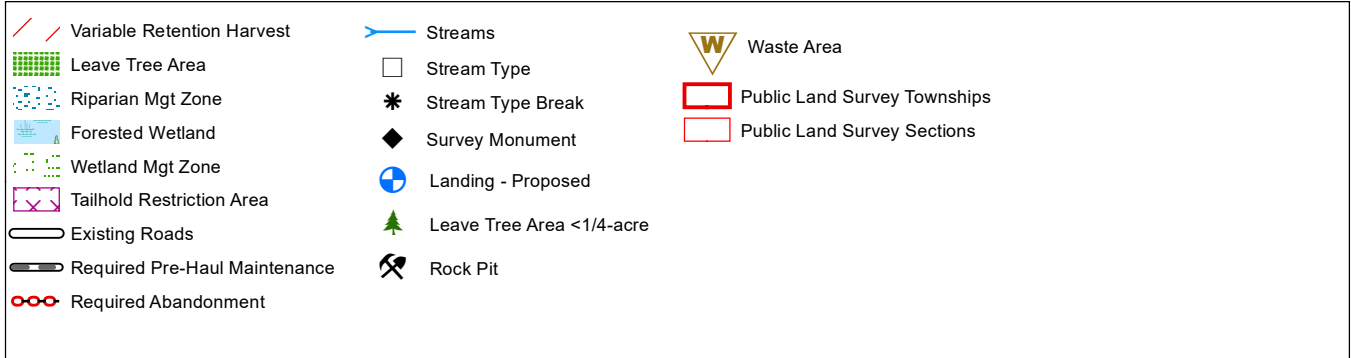
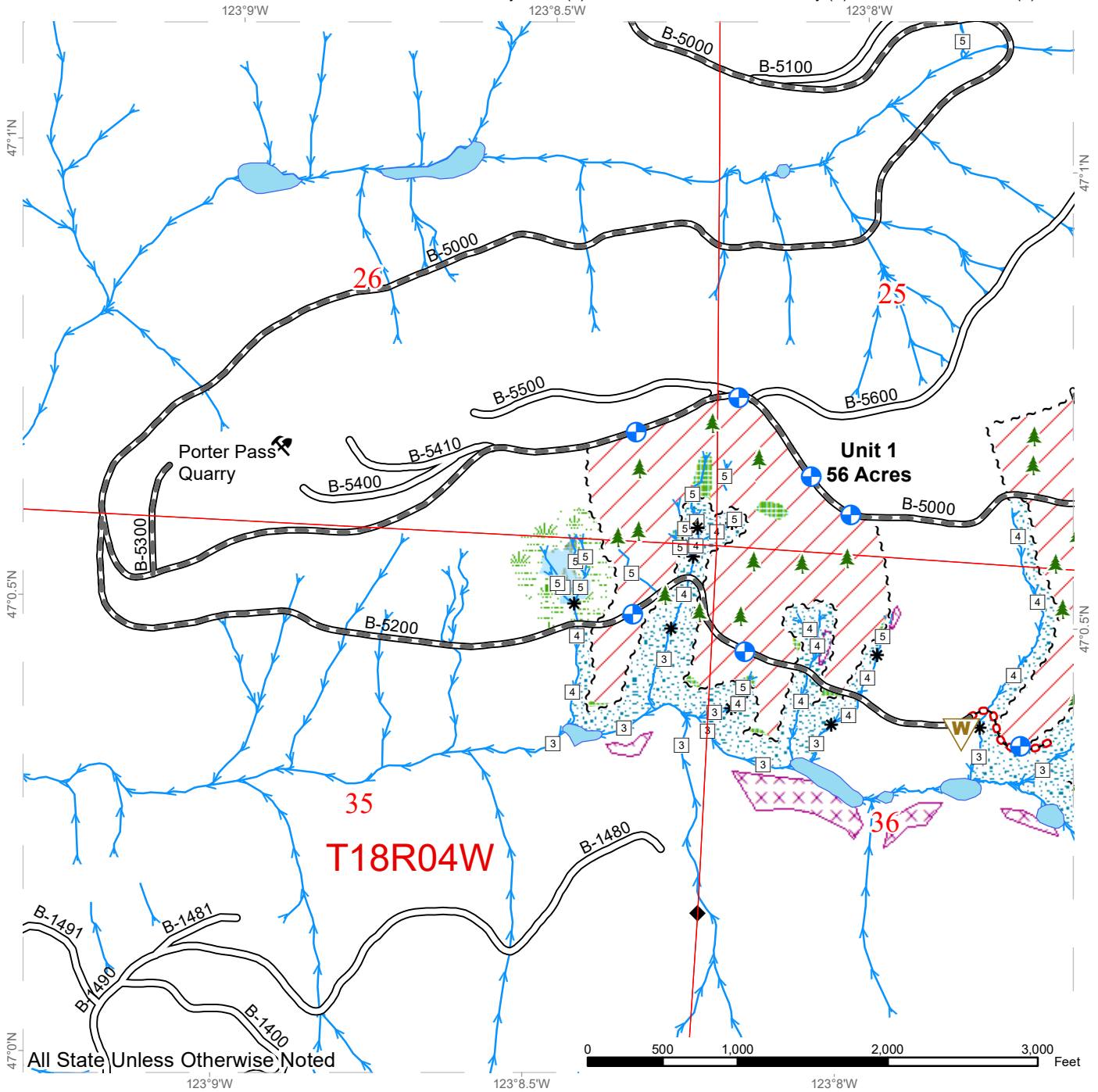
Landings shall be built 50 feet off the B-5000, B-5200, C-4000, C-4700, C-4800, C-8000, and C-8010 roads. Landings shall be marked by Purchaser and approved by the Contract Administrator prior to construction.

Note to cruisers and appraisers: Please refrain from leaving pink, orange, or blue flagging from your cruises in or around the sale area to avoid confusion with DNR's marking. Additionally, for the safety of the public, please remove from roads and trails all string from string boxes used during appraising or cruising this sale.

TIMBER SALE MAP

SALE NAME: MARSHMALLOW
AGREEMENT #: 30-103589
TOWNSHIP(S): T18R3W, T18R4W
TRUST(S): Charitable/Educational/Penal & Reformatory Inst. (6), Common School and Indemnity (3), State Forest Transfer (1)

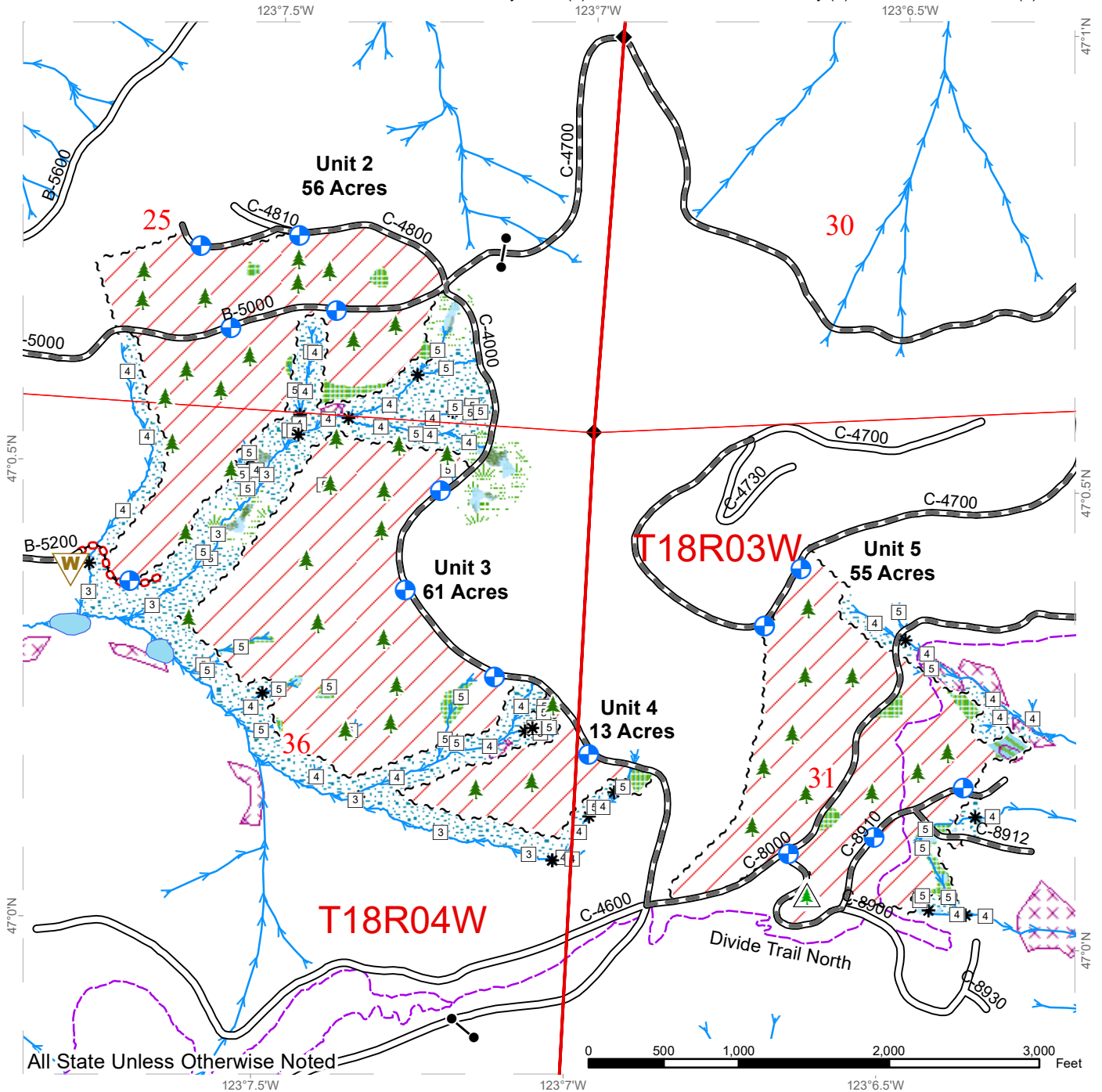
REGION: South Puget Sound Region
COUNTY(S): Thurston
ELEVATION RGE: 1000-2080



TIMBER SALE MAP

SALE NAME: MARSHMALLOW
AGREEMENT #: 30-103589
TOWNSHIP(S): T18R3W, T18R4W
TRUST(S): Charitable/Educational/Penal & Reformatory Instit. (6), Common School and Indemnity (3), State Forest Transfer (1)

REGION: South Puget Sound Region
COUNTY(S): Thurston
ELEVATION RGE: 1000-2080



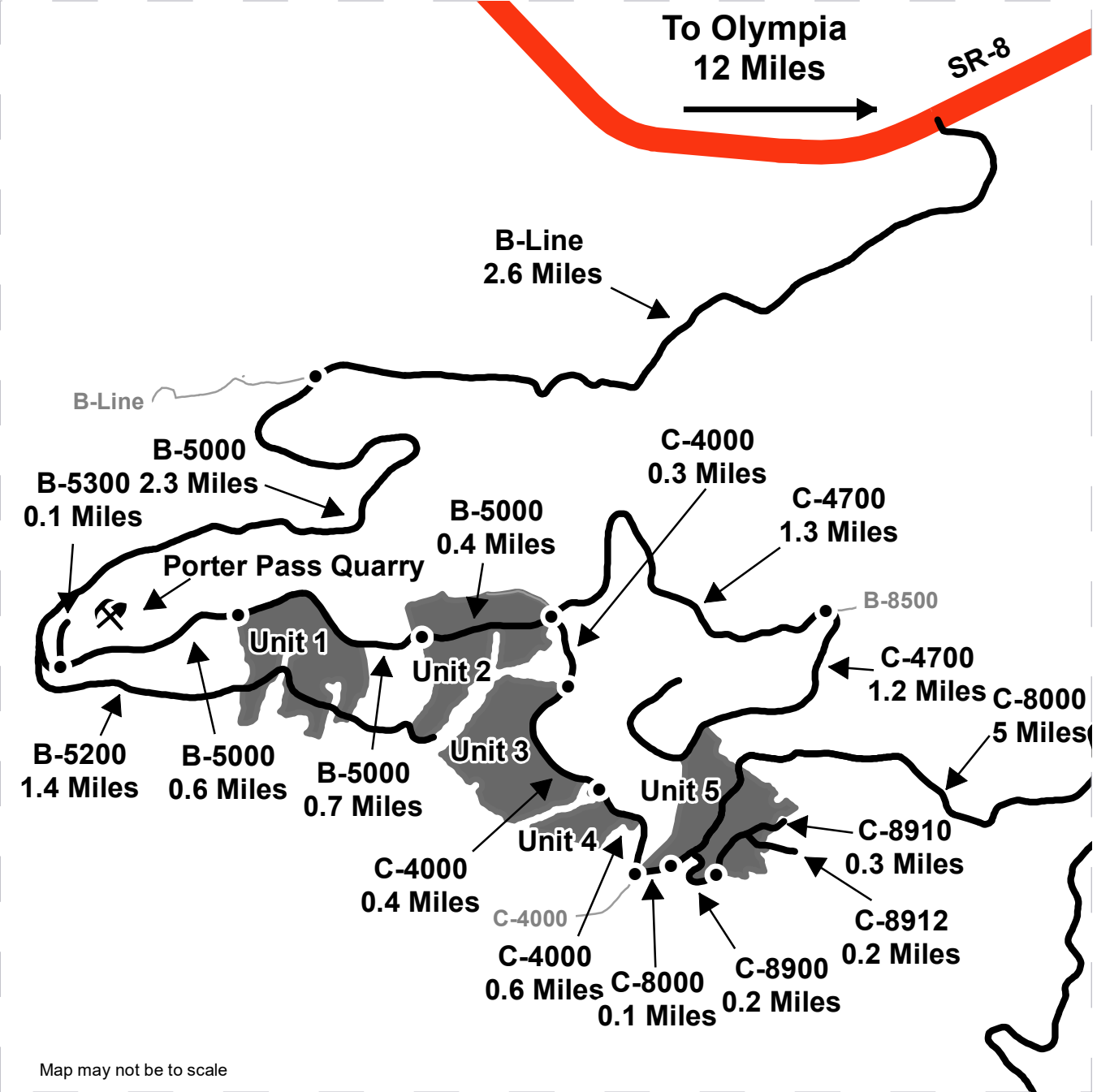
Variable Retention Harvest	Required Abandonment	Non-Tradeable Leave Trees
Non-Tradeable Leave Clump	Motorized Trail	Waste Area
Leave Tree Area	Streams	Gates
Riparian Mgt Zone	Stream Type	Public Land Survey Townships
Forested Wetland	Stream Type Break	Public Land Survey Sections
Wetland Mgt Zone	Survey Monument	
Tailhold Restriction Area	Landing - Proposed	
Existing Roads	Leave Tree Area <1/4-acre	
Required Pre-Haul Maintenance		



DRIVING MAP

SALE NAME: MARSHMALLOW
 AGREEMENT#: 30-103589
 TOWNSHIP(S): T18R3W, T18R4W
 TRUST(S): Charitable/Educational/Penal & Reformatory Instit. (6), Common School and Indemnity (3), State Forest Transfer (1)

REGION: South Puget Sound Region
 COUNTY(S): Thurston
 ELEVATION RGE: 1000-2080

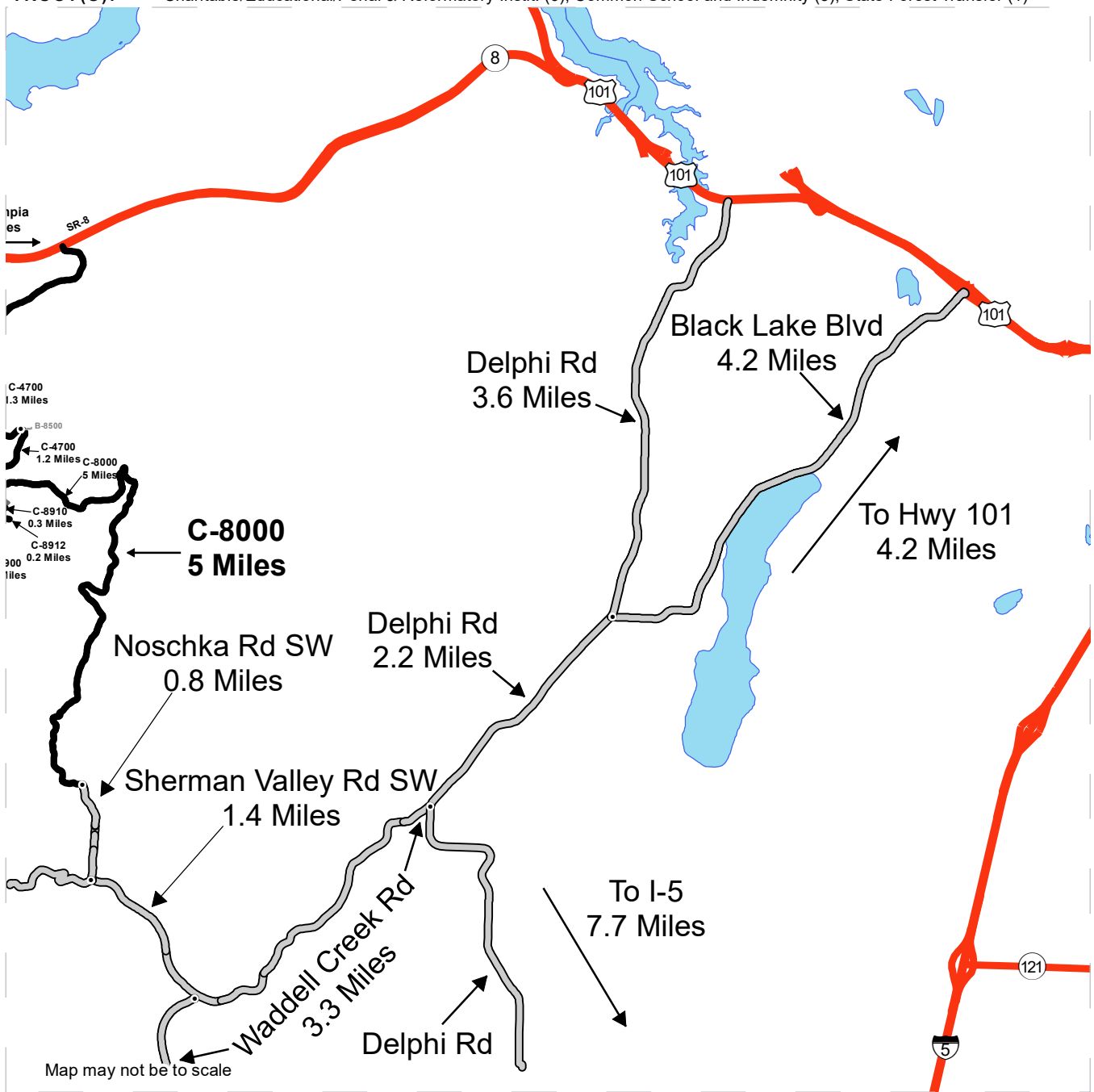


<ul style="list-style-type: none"> ● Distance Indicator ⛏ Rock Pit ■ Timber Sale Unit — Haul Route — Other Road ▬ Highway 	<p><u>DRIVING DIRECTIONS:</u></p> <p>See Attached Driving Directions</p>
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DRIVING MAP

SALE NAME: MARSHMALLOW
AGREEMENT#: 30-103589
TOWNSHIP(S): T18R3W, T18R4W
TRUST(S): Charitable/Educational/Peal & Reformatory Instit. (6), Common School and Indemnity (3), State Forest Transfer (1)

REGION: South Puget Sound Region
COUNTY(S): Thurston
ELEVATION RGE: 1000-2080



- Distance Indicator
- Timber Sale Unit
- Haul Route
- Other Road
- Highway
- County Road

DRIVING DIRECTIONS:
 See Attached Driving Directions



Driving Directions

Heading West from Olympia off Hwy 8, just before milepost 16, turn South on the B-Line for 2.6 miles. Turn left onto the B-5000. To reach Porter Pass Quarry continue on the B-5000 for 2.3 miles and turn left onto the B-5300 and continue for 0.1 miles. For Unit 1, return to the B-5000 and head East, continue 0.6 miles and you will arrive. To reach Unit 2, continue East on the B-5000 for 0.7 miles and you will arrive. For Unit 3, continue East on the B-5000 for 0.4 miles. Turn right on the C-4000 and continue for 0.3 miles and you will arrive. Continue 0.4 miles on the C-4000 to reach Unit 4. For Unit 5, continue on the C-4000 for 0.6 miles to the C-4000/C-8000 junction. Once at this junction, turn left onto the C-8000. Continue for 0.1 miles and you will have arrived.