

State of Washington

Department of Natural Resources

Peter Goldmark, Commissioner of Public Lands

TO: Members of the Board of Natural Resources

FROM: Forest Resources and Conservation Division

SUBJECT: Timber Sales Packet to be Presented at the  
September 2011 Board Meeting

Attached is a Timber Sale Packet scheduled for auction the week of October 25 – 27, 2011. This packet will be presented to the Board of Natural Resources at the September 6, 2011 Board Meeting.



**SUMMARY OF PROPOSED BOARD SALES**

**OCTOBER 2011**

**FY12**

No.	County	Region	Agree #	FSC®		Sale Name	Species	Acres	Harvest Type	Volume MBF/Acre	Value/ MBF	Total MBF	Total Minimum Bid Value
				∞	Trust								
1	Clallam	OLY	87238	∞	03-100%	BONE YARD	WH-50%, DF-30%, SS-20%	123	Variable Retention	25	\$183	3,046	\$556,000
2	Kitsap	SPS	85343	∞	01-62%, 03-38%	WOODSTONE SORTS*	DF-79%, WW-9%, RA- 8%, RC-4%	99	Variable Retention-86% Variable Density-14%	24	\$504	2,367	\$1,193,860
3	Lewis	PC	87142		01-3%, 03-97%	OPEN RANGE	DF-88%, RA-9%, WW-3%	92	Variable Retention	48	\$312	4,412	\$1,377,000
4	Skamania	PC	87293		01-51%, 03-12%, 10-37%	BRIGHTWOOD	DF-97%, WW-2%, BM-1%	191	Variable Retention-68% Variable Density-32%	24	\$272	4,522	\$1,230,000
5	Snohomish	NW	86384		01-100%	OSCILLATE	WW-51%, DF-21%, RA-16%, RC-8%, CW-4%	144	Variable Retention	29	\$293	4,223	\$1,236,000
6	Whatcom	NW	86671		03-100%	RIPPLE VDT & VRH	WW-76%, DF-19%, RA-5%	176	Variable Retention-30% Variable Density-70%	21	\$183	3,634	\$665,000
7	Yakima/ Klickitat	SE	86777		03-44%, 06-35%, 08-11%,10-10%	BLUE JAY	PP-81%, DF-14%, LP-3%, WW-2%	692	Unevenage Management	6	\$110	4,370	\$480,000
<b>Totals</b>								<b>1,517</b>		<b>18</b>	<b>\$254</b>	<b>26,574</b>	<b>\$6,737,860</b>

∞ If marked, all or part of this sale is certified under Forest Stewardship Council 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.

**Trust Codes:**

<b>01 = State Forest Board Transfer</b>	<b>07 = Capitol Building</b>
<b>02 = State Forest Board Purchase</b>	<b>08 = Normal School</b>
<b>03 = Common School &amp; Indemnity</b>	<b>09 = Escheat</b>
<b>04 = Agricultural School</b>	<b>10 = Scientific School</b>
<b>05 = University - Transferred</b>	<b>11 = University - Original</b>
<b>06 = C.E.P. &amp; R.I.</b>	<b>12 = Community College Forest Reserve</b>

**Species Codes:**

<b>DF= Douglas-fir</b>
<b>RA= Red alder</b>
<b>RC= Western red cedar</b>
<b>WW= White Woods (hemlock and true firs)</b>
<b>WL= Western larch</b>
<b>PP= Ponderosa pine</b>
<b>LP= Lodgepole pine</b>

**SEPA SUMMARY OF PROPOSED BOARD SALES**

**OCTOBER 2011**

**FY12**

No.	County	Agreement #	Sale Name	Acres	Threshold Determination		ADDM	SEPA Comments
					DNS	MDNS		
1	Clallam	87238	BONE YARD	123		X		WFLC for OFCO: concerned about marbled murrelet impacts and unstable soils. 3 comments related to marbled murrelets  Stillaguamish - cultural resource survey request.
2	Kitsap	85343	WOODSTONE SORTS*	99		X		
3	Lewis	87142	OPEN RANGE	92		X		
4	Skamania	87293	BRIGHTWOOD	191		X		
5	Snohomish	86384	OSCILLATE	144		X		
6	Whatcom	86671	RIPPLE VDT & VRH	176	X		X	
7	Yakima/ Klickitat	86777	BLUE JAY	692		X		

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



**TIMBER NOTICE OF SALE**

**SALE NAME: BONE YARD**

**AGREEMENT NO: 30-087238**

**AUCTION:** October 26, 2011 starting at 10:00 a.m.,  
Olympic Region Office, Forks, WA

**COUNTY:** Clallam

**SALE LOCATION:** Sale located approximately 26 miles south of Forks, WA

**PRODUCTS SOLD  
AND SALE AREA:**

All timber, except trees marked with blue paint or bounded out by leave tree area tags, bounded by timber sale boundary tags, leave tree area tags, and the H-1320 Road in Unit #1 and Unit #2; all timber, except trees marked with blue paint or bounded out by leave tree area tags, bounded by timber sale boundary tags, the C-2000 Road and the C-2000\_89 Road in Unit #3; all timber, except trees marked with blue paint, bounded by timber sale boundary tags, the C-2000 Road and the C-2000\_106 Road in Unit #4; all timber, except trees marked with blue paint, bounded by timber sale boundary tags and the C-2000 Road for Unit #5 and #6; all timber, except trees marked with blue paint or bounded out by leave tree area tags, bounded by timber sale boundary tags, leave tree area tags, and the C-2000 Road in Unit #7; all timber bounded by right of way boundary tags except that title to the timber within the right-of-way boundary tags of the 3+45 spur is not conveyed to the Purchaser unless the road segment is actually constructed on part(s) of Sections 2 and 3 all in Township 25 North, Range 11 West, Sections 15, 16, 21, 22 and 35 all in Township 26 North, Range 11 West, W.M., containing 123 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative Standard (cert no: BV-SFIS-US09000572)

**ESTIMATED SALE VOLUMES AND QUALITY:**

Species	Avg DBH	Ring Count	Total MBF	MBF by Grade								
				1P	2P	3P	SM	1S	2S	3S	4S	UT
Hemlock	17.6	4	1,426						605	688	133	
Douglas fir	18.7	4	947						443	425	79	
Spruce	14.3	3	643						214	310	118	
Red alder	10.2		23									23
Silver fir	27.3		8						6	2		
Sale Total			3,047									

**MINIMUM BID:** \$556,000.00

**BID METHOD:** Sealed Bids

**PERFORMANCE**

**SECURITY:** \$100,000.00

**SALE TYPE:** Lump Sum

**EXPIRATION DATE:** October 31, 2013

**ALLOCATION:** Export Restricted

**BID DEPOSIT:** \$55,600.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

**HARVEST METHOD:** Ground - 75%/Cable (downhill) - 25%. Ground methods restricted to shovel only. No rubber tired skidders allowed. For Units #1, #2 and #7, no cutting or yarding operations will be allowed from one hour before to two hours after official sunrise and from one hour before to two hours after official sunset from April 1 to August 31, for murrelet restrictions. Shovel Yarding will not be permitted from October 15 to April 15 unless authorized in writing by the Contract Administrator.

## TIMBER NOTICE OF SALE

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**ROADS:** 3.00 stations of required construction. 24.89 stations of optional construction. 92.23 stations required pre-haul maintenance. 57.24 stations optional pre-haul maintenance. 44.85 stations of required deactivation. Purchaser maintenance on all new road construction, the H-1320, H-1325, and H-1326 Roads and all other forest roads used. Designated maintenance on Hoh-Clearwater Mainline and the C-2000 Road. In Units #1, #2 and #7, no road construction or rock haul will be allowed from one hour before to two hours after official sunrise and from one hour before to two hours after official sunset from April 1 to August 31 for murrelet restrictions. Rock haul and road construction will not be permitted from November 15 to April 15 unless authorized in writing by the Contract Administrator.

### **ACREAGE DETERMINATION**

**CRUISE METHOD:** Sale acreage was 100% GPS'd. Sale units were cruised using a variable sample with a BAF of 40.00F and 62.50F on a 330 x 330 foot grid for Unit #1; a BAF of 40.00F on a 330 x 330 foot grid for Units #2, #3 and #7; a BAF 40.00F on random grids for Units #4, #5, and #6.

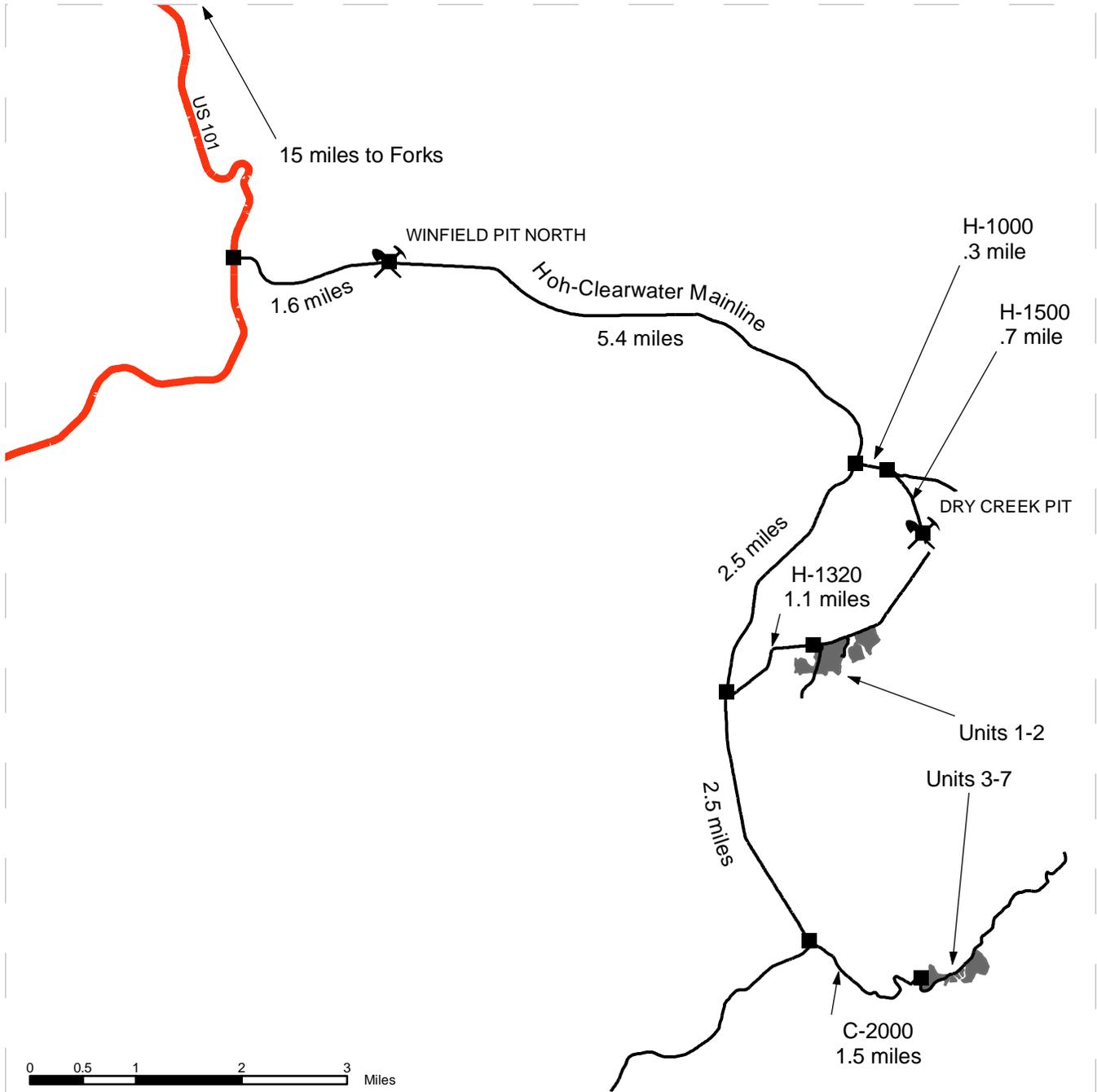
**FEES:** \$40,372.75 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

**SPECIAL REMARKS:** There is a locked gate on Winfield Pit. Contact the Olympic Region Dispatch Center at 360-374-2800 to obtain an AA-1 key.

# DRIVING MAP

**SALE NAME:** Bone Yard  
**AGREEMENT#:** 30-087238  
**TOWNSHIP(S):** T26R12W  
**TRUST(S):** Common School (3)

**REGION:** Olympic  
**COUNTY(S):** Jefferson  
**ELEVATION RGE:** 613-1268 ft.



	Timber Sale Unit
	Mile_Marker
	Rock_Pit
	Haul_Route
	Highways

**DRIVING DIRECTIONS:**

From Forks drive 15 miles south on Hwy 101 and turn east on the Hoh-Clearwater Mainline. Continue 9.5 miles to the H-1320 road and then turn east again. Continue on the H-1320 for approximately 1.1 miles to units 1 and 2. To reach units 3 through 7 continue on the Hoh-Clearwater Mainline past the H-1320 for an additional 2.5 miles. Take the fork to the east onto the C-2000 road and continue on the C-2000 road for 1.5 miles.

Winfield Pit North: from Hwy 101 turn east onto the Hoh-Clearwater Mainline and continue for 1.6 miles.

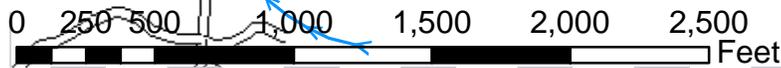
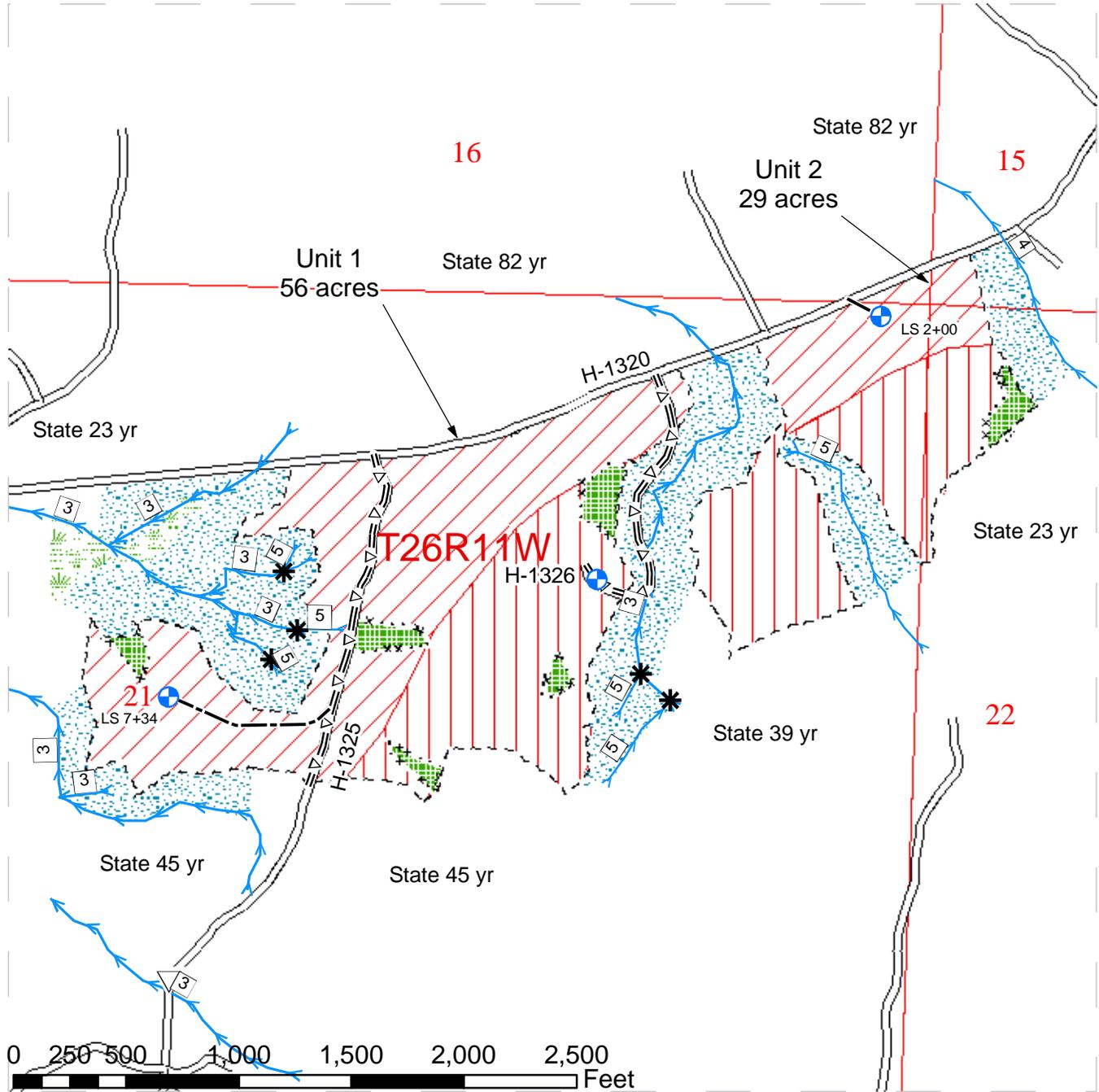
Dry Creek Pit: from Hwy 101 turn east onto the Hoh-Clearwater Mainline and continue for 7 miles, then turn east again on the H-1000. Continue on the H-1000 for .3 mile and turn right on the H-1500. Continue on the H-1500 for .7 mile.



# TIMBER SALES MAP

**SALE NAME:** Bone Yard  
**APPLICATION #:** 30-087238  
**TRUST(S):** Common School and Indemnity (3)  
**TOWNSHIP(S):** T26R11W

**REGION:** Olympic  
**COUNTY(S):** Jefferson  
**ELEVATION RGE:** 613-1268 ft.



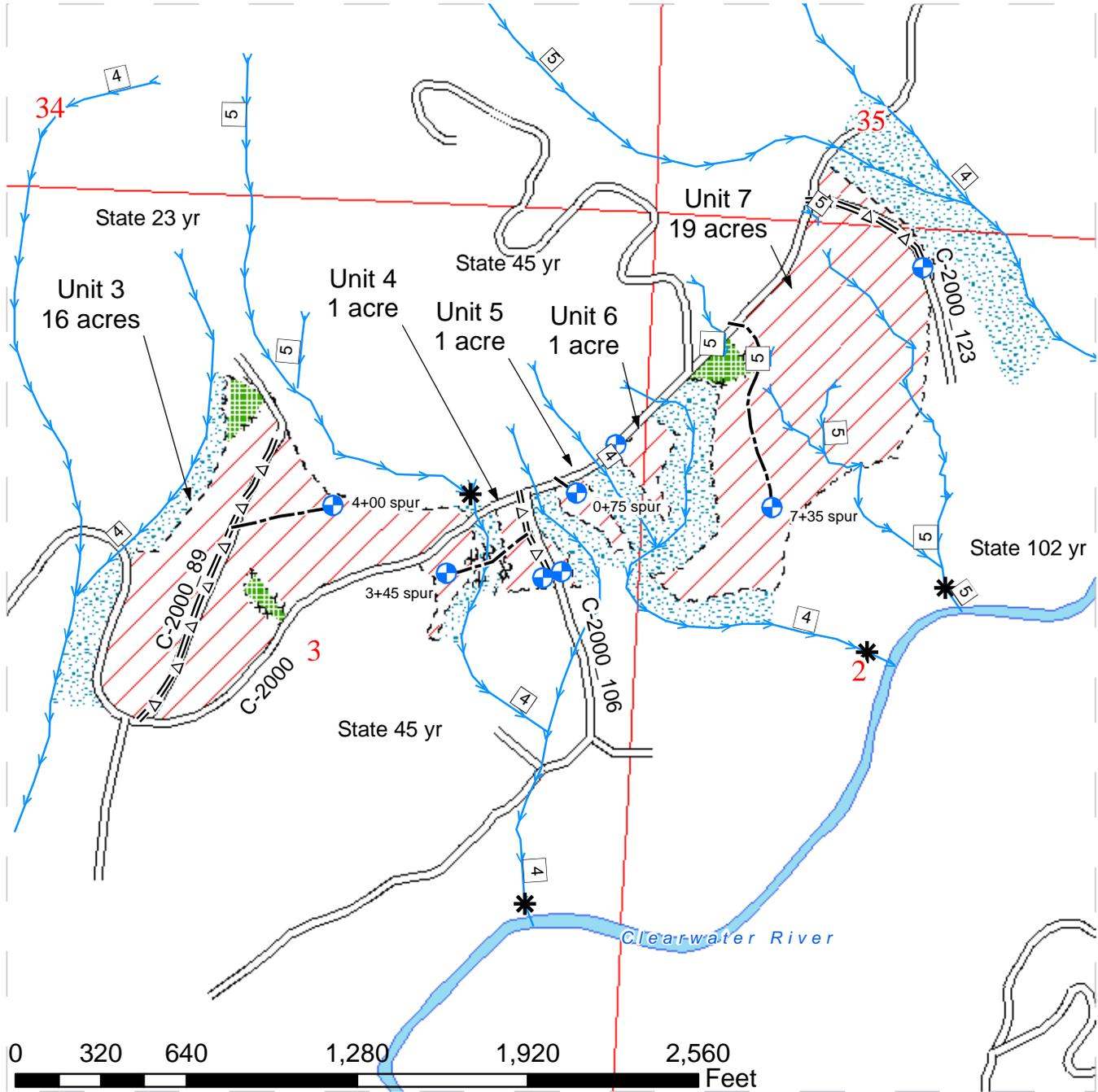
Timber Sale Unit	Existing Roads	Streams
Cable Yarding	Required Construction	Water Type Breaks
Ground Based Yarding	Required Prehaul Maintenance	Wetland Area
Public Land Survey Sections	Optional Construction	RMZ
DNR Managed Lands	Optional Prehaul Maintenance	Leave Tree Areas
Bridge	Landing	Public Land Survey Townships
	fish blockages	



# TIMBER SALES MAP

**SALE NAME:** Bone Yard  
**APPLICATION #:** 30-087238  
**TRUST(S):** Common School and Indemnity (3)  
**TOWNSHIP(S):** T26R11W

**REGION:** Olympic  
**COUNTY(S):** Jefferson  
**ELEVATION RGE:** 613-1268 ft.



	Timber Sale Unit		Existing Roads		Streams
	Cable Yarding		Required Construction		Water Type Breaks
	Ground Based Yarding		Required Prehaul Maintenance		Wetland Area
	Public Land Survey Sections		Optional Construction		RMZ
	DNR Managed Lands		Optional Prehaul Maintenance		Leave Tree Areas
	Right-of-Way		Bridge		fish blockages
			Landing		





**TIMBER NOTICE OF SALE**

**SALE NAME:** *Woodstone Sorts*

**AGREEMENT NO:** *30-087193 - 30-087202*

**AUCTION:** *October 25, 2011*, starting at 10:00 a.m.,  
South Puget Sound Region Office, Enumclaw, WA.

**COUNTY:** *Kitsap*

**SALE LOCATION:** Unit 1 is located approximately 3.2 miles west of Silverdale and Units 2 and 3 are located approximately 3.4 miles north of Purdy.

**PRODUCTS SOLD  
AND SALE AREA:**

All timber, bounded by white timber sale boundary tags and property lines marked with yellow ribbon in Unit #1; all timber bounded by white timber sale boundary tags and blue special management unit tags in Unit #2 and #3; all timber bounded by orange right of way tags or take trees marked with red painted "T" meeting the specifications described below; on parts of *Section 36 of Township 23 North, Range 01 East and Sections 26 and 35 in Township 25 North, Range 01 West, WM*, containing *99* acres, more or less.

Agreement #	Sort #	Species and Sort Specifications	Average Log Length	Estimated Volume		Minimum Bid Delivered Prices		Total Appraised Value	Bid Deposit
				mbf	Tons	\$/mbf	\$/Ton		
30-087193	1	DF Pole 35'+	N/A	79	466	\$810.00	-----	\$63,990.00	\$6,399.00
30-087194	2	DF High Quality 8" to 28" dib SE	28	703	4,216	\$540.00	-----	\$379,400.00	\$37,940.00
30-087195	3	DF Sawlog 8" to 11" dib SE	30	410	3,075	\$525.00	-----	\$215,250.00	\$21,525.00
30-087196	4	DF Sawlog 12"+ dib SE	30	444	2,264	\$525.00	-----	\$233,100.00	\$23,310.00
30-087197	5	DF Sawlog 5" to 7" dib SE	N/A	235	1,833	-----	\$63.00	\$115,480.00	\$11,548.00
30-087198	6	Pine 8"+ dib SE	30	99	574	\$350.00	-----	\$34,650.00	\$3,465.00
30-087199	7	RC 5"+ dib SE	26	86	559	\$800.00	-----	\$68,800.00	\$6,880.00
30-087200	8	Hardwood pulp 2"+ dib SE	N/A	177	1,593	-----	28.00	\$44,600.00	\$4,460.00
30-087201	9	Conifer Pulp (except RC) 2"+ dib	N/A	134	1,206	-----	\$32.00	\$38,590.00	\$3,859.00

**Totals**

**2,367      15,786**

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative Standard (cert no: BV-SFIS-US09000572) and the Forest Stewardship Council Standard (cert no: BV-FM/COC-080501)

**BID METHOD:** Sealed Bids

**UNIT OF MEASURE:** MBF scale/Tonnage scale

**EXPIRATION DATE:** *May 31, 2012*

**ALLOCATION:** Export Restricted

## TIMBER NOTICE OF SALE

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### **PAYMENT**

**SECURITY:** To be determined by the State as described in Clause P-041 of the Purchaser's Contract.

### **BIDDING**

**PROCEDURES:** A separate sealed bid and envelope must be submitted for each log sort. Prospective Purchasers may bid on any or all log sorts. On the day of sale the Purchaser must bring their bid deposit up to 10% of their total bid price. Complete bidding procedures and auction information may be obtained from the [South Puget Sound Region Office](#) in [Enumclaw, WA](#). Phone number [360-825-1631](#).

### **TIMBER EXCISE**

**TAX:** Purchaser must pay the forest excise taxes associated with the log sorts delivered to them. The tax rate for this sale is 4.2%. Taxable Stumpage = Total Delivered Value – (Harvest Cost + Estimated Haul Cost + ARRF). For more information contact the Department of Revenue, Forest Tax Section at 1-800-548-8849.

Use the following rates for estimating taxable stumpage: Harvest Cost = \$120.00/mbf for sort 1, \$90.00/mbf for sorts 2, 3, 4, 6 & 7, \$8.00/ton for sort 5 and \$7.00/ton for sorts 8 & 9. Estimated Haul Cost = (tons)(\$2.35) + (tons)(\$0.199)( miles). ARRF = \$22.25 per mbf.

Actual harvesting and haul cost information will be available following harvester bid opening on October 11, 2011.

**CONFIRMATION:** Each sort is subject to confirmation following auction. Sorts will not be confirmed until at least 10 days after auction. Final contract award is contingent upon the State's haul cost analysis. Actual haul route may vary and is subject to change at the State's discretion.

**SPECIAL REMARKS:** The successful Purchaser(s) will be required to purchase logs from the sale area upon delivery to their location specified in the bid submitted. Logs will be delivered to the Purchaser's delivery location by the State's contract harvester. Purchaser is responsible for weighing or scaling costs. All tonnage loads will be weighed and all mbf loads will be scaled at State approved locations. The State reserves the right to determine where logs are authorized to be scaled and weighed.

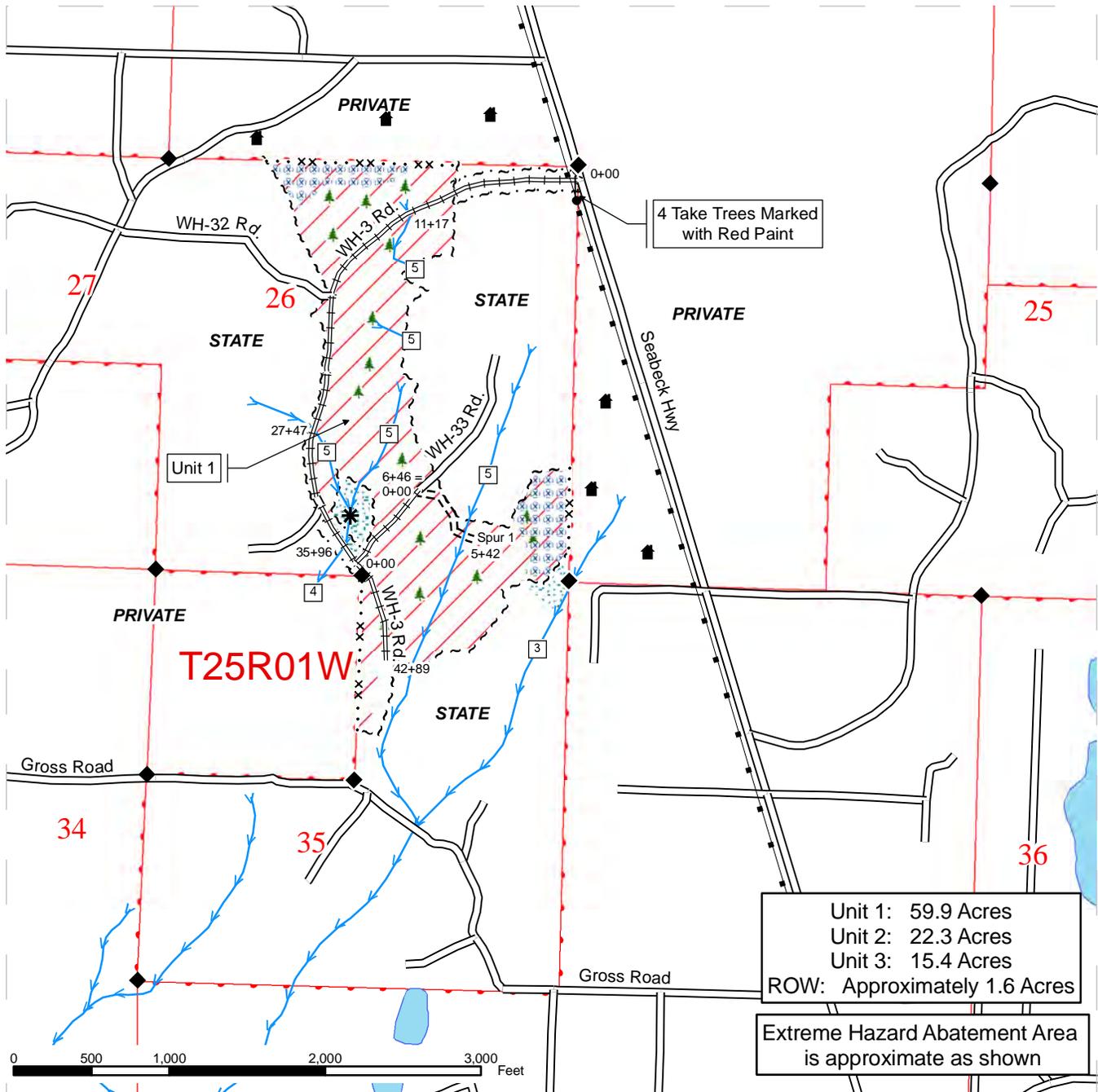
For more information regarding this log sort sale visit our web site:  
<http://www.dnr.wa.gov/BusinessPermits/Topics/AppraisalPackets/Pages/Home.aspx>. If you have questions call [Audrey Mainwaring](#) at the [South Puget Sound Region office](#) at [360-802-7001](#) or [Dave Richards](#) at the Forest Resources and Conservation Division Office in Olympia (360) 902-1365.

Conifer pulp includes hemlock sawlogs and hardwood pulp includes alder/maple sawlogs.

# TIMBER SALE MAP

**SALE NAME:** WOODSTONE SORTS  
**AGREEMENT#:** 30-085343  
**TOWNSHIP(S):** T23R01E, T25R01W  
**TRUST(S):** State Forest Transfer(1), Common School and Indemnity(3)

**REGION:** South Puget Sound Region  
**COUNTY(S):** KITSAP  
**ELEVATION RGE:** 170-544 ft.

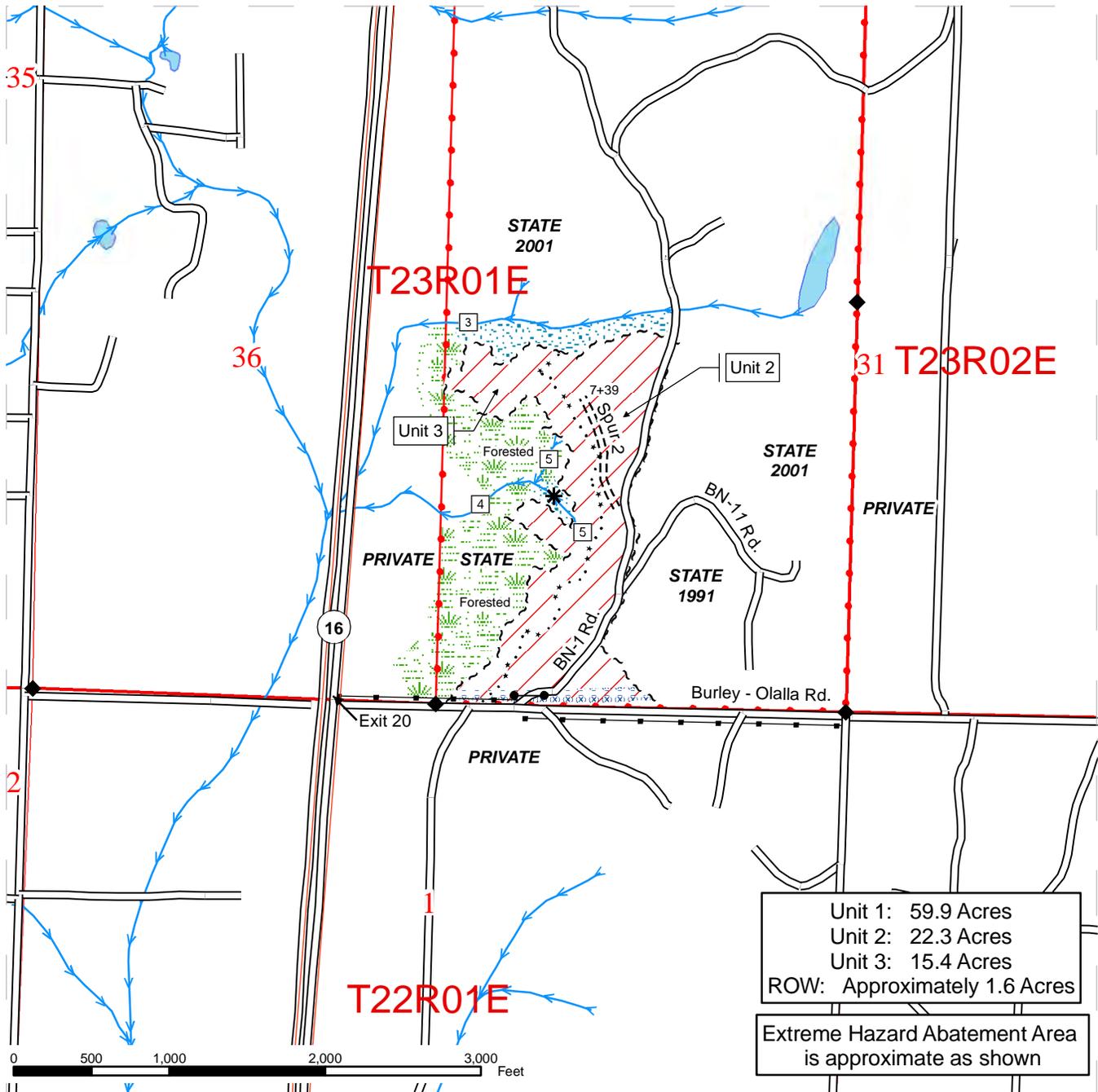


Timber Sale Area	Required Reconstruction	Gate: Master 786
RMZ Area	Existing Roads	Survey Corner
WMZ Area	Required Construction	Open Water
Extreme Hazard Area	Streams	DNR Managed Lands
White Timber Sale Boundary Tags	Stream Type	Public Land Survey Sections
Management Boundary Marked with Yellow Ribbon	Stream Type Change	
Orange Right of Way Tags	Structure	
Blue Special Management Unit Tags	Leave Tree Clump Marked with Yellow Tags/Blue Paint	
Overhead Powerlines		

# TIMBER SALE MAP

**SALE NAME:** WOODSTONE SORTS  
**AGREEMENT#:** 30-085343  
**TOWNSHIP(S):** T23R01E, T25R01W  
**TRUST(S):** State Forest Transfer(1), Common School and Indemnity(3)

**REGION:** South Puget Sound Region  
**COUNTY(S):** KITSAP  
**ELEVATION RGE:** 170-544 ft.



Unit 1: 59.9 Acres  
 Unit 2: 22.3 Acres  
 Unit 3: 15.4 Acres  
 ROW: Approximately 1.6 Acres  
 Extreme Hazard Abatement Area is approximate as shown

<ul style="list-style-type: none"> <li> Timber Sale Area</li> <li> RMZ Area</li> <li> WMZ Area</li> <li> Extreme Hazard Area</li> <li> White Timber Sale Boundary Tags</li> <li> Management Boundary Marked with Yellow Ribbon</li> <li> Orange Right of Way Tags</li> <li> Blue Special Management Unit Tags</li> <li> Overhead Powerlines</li> </ul>	<ul style="list-style-type: none"> <li> Required Reconstruction</li> <li> Existing Roads</li> <li> Required Construction</li> <li> Streams</li> <li> Stream Type</li> <li> Stream Type Change</li> <li> Structure</li> <li> Leave Tree Clump Marked with Yellow Tags/Blue Paint</li> </ul>	<ul style="list-style-type: none"> <li> Gate: Master 786</li> <li> Survey Corner</li> <li> Open Water</li> <li> DNR Managed Lands</li> <li> Public Land Survey Sections</li> </ul>
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Prepared By: cdun490

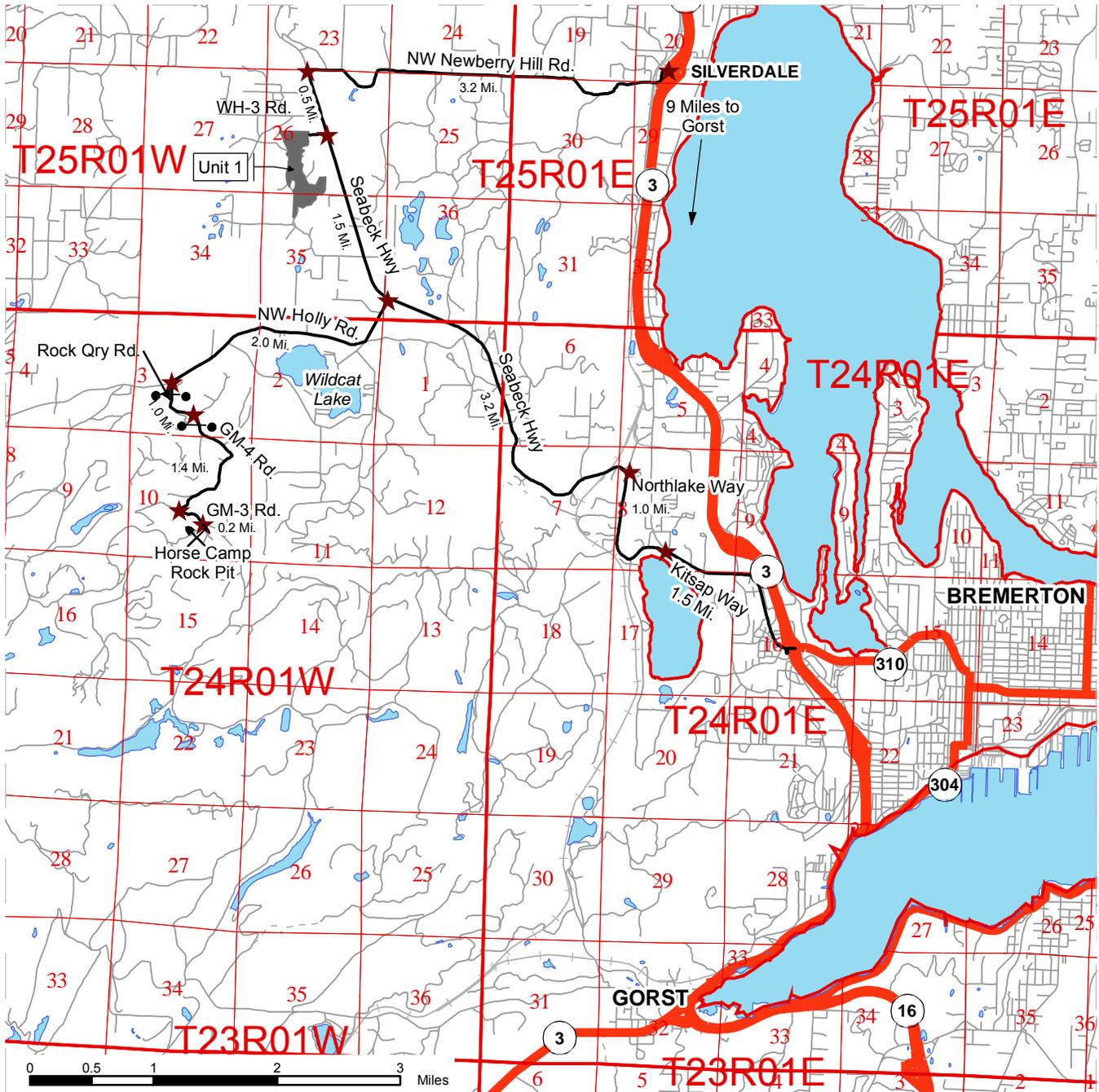
Creation Date: 3/31/2011

Modification Date: 8/8/2011

# DRIVING MAP

**SALE NAME:** WOODSTONE SORTS  
**AGREEMENT#:** 30-085343  
**TOWNSHIP(S):** T23R01E, T25R01W  
**TRUST(S):** State Forest Transfer(1), Common School and Indemnity(3)

**REGION:** South Puget Sound Region  
**COUNTY(S):** KITSAP  
**ELEVATION RGE:** 170-544



	Timber Sale Unit
	Haul Route
	Existing Roads
	Open Water
	Gate: Master 786
	Rock Pit
	Distance Indicator

**DRIVING DIRECTIONS:**

Unit 1 is 3.2 miles west from Silverdale following the Newberry Hill Rd. to the Seabeck Hwy then south 0.5 miles. Unit 1 is on the right hand side of the road.

Unit 2 and 3 is located 3.4 Miles North of Purdy on Hwy 16 turn right on the Burley/Olalla Rd and Travel 0.2 mile. Blue gate is on the left hand side.

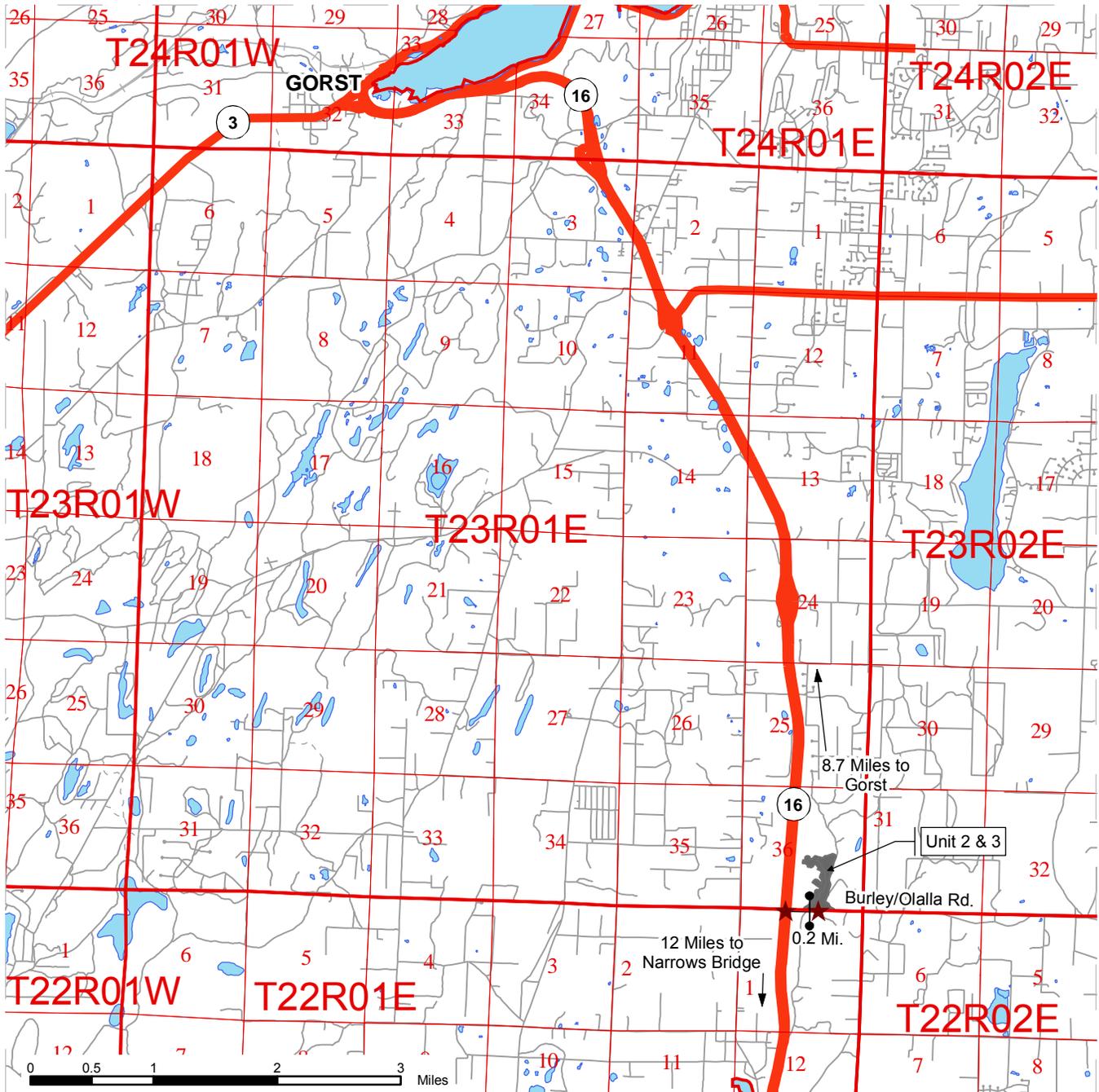
Green Mountain Horse Camp Rock Pit is 3.2 miles west from Silverdale: Drive west on Newberry Hill Rd. to the Seabeck Hwy, turn south 2 miles to the Holly Rd, then turn right, follow the Holly Rd 2 miles to the Rock Quarry Rd on the left, follow the Rock Quarry Rd to the "Y", stay left on the GM-4 Rd, follow 2.4 miles to the GM-3 Rd turn right and follow 0.2 mile to the pit on the left hand side.



# DRIVING MAP

**SALE NAME:** WOODSTONE SORTS  
**AGREEMENT#:** 30-085343  
**TOWNSHIP(S):** T23R01E, T25R01W  
**TRUST(S):** State Forest Transfer(1), Common School and Indemnity(3)

**REGION:** South Puget Sound Region  
**COUNTY(S):** KITSAP  
**ELEVATION RGE:** 170-544



- Timber Sale Unit
- Haul Route
- Existing Roads
- Open Water
- Gate: Master 786
- Rock Pit
- Distance Indicator

**DRIVING DIRECTIONS:**

Unit 1 is 3.2 miles west from Silverdale following the Newberry Hill Rd. to the Seabeck Hwy then south 0.5 miles. Unit 1 is on the right hand side of the road.

Unit 2 and 3 is located 3.4 Miles North of Purdy on Hwy 16 turn right on the Burley/Olalla Rd and Travel 0.2 mile. Blue gate is on the left hand side.

Green Mountain Horse Camp Rock Pit is 3.2 miles west from Silverdale: Drive west on Newberry Hill Rd. to the Seabeck Hwy, turn south 2 miles to the Holly Rd, then turn right, follow the Holly Rd 2 miles to the Rock Quarry Rd on the left, follow the Rock Quarry Rd to the "Y", stay left on the GM-4 Rd, follow 2.4 miles to the GM-3 Rd turn right and follow 0.2 mile to the pit on the left hand side.



**TIMBER NOTICE OF SALE**

**SALE NAME: OPEN RANGE**

**AGREEMENT NO: 30-087142**

**AUCTION:** October 27, 2011 starting at 10:00 a.m., **COUNTY:** Lewis  
Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 20 miles west of Centralia, Washington

**PRODUCTS SOLD  
AND SALE AREA:**

All timber, except leave trees tagged out with yellow leave tree area tags and leave trees marked with blue paint, bounded by the following: timber sale boundary tags, property line, reprod, and the L-3330 road in Unit 1 on part(s) of Sections 14 and 23 all in Township 14 North, Range 5 West, W.M., containing 92 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative Standard (cert no: BV-SFIS-US09000572)

**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	18	8	3,887			125	157			2,210	1,213	182		
Red alder	14.1		366							54	140	172		
Hemlock	12.2	8	126							40	61	25		
Maple	27.4		22							18	2	3		
Red cedar	20		11								10	1		
Sale Total			4,412											

**MINIMUM BID:** \$1,377,000.00 **BID METHOD:** Sealed Bids

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

**EXPIRATION DATE:** October 31, 2013 **ALLOCATION:** Export Restricted

**BID DEPOSIT:** \$137,700.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

**HARVEST METHOD:** Cable and Ground based equipment. Harvesting activities are estimated to be 30% cable and 70% ground based harvesting. Ground based equipment shall be restricted to slopes of 35% and less, and during dry soil conditions. See clause H-140 and Schedule L for further harvest requirements. A detailed felling and yarding plan shall be required prior to any harvest activities and approved in writing by the Contract Administrator. Ground Based Yarding will not be permitted from October 31 to May 1 unless authorized in writing by the Contract Administrator.

**ROADS:** 39.31 stations of optional construction. 93.90 stations of required pre-haul maintenance. Rock for construction and/or pre-haul maintenance under this contract may be obtained at no cost to the Purchaser from the Lincoln Quarry located in Section 15, Township 14 North, Range 05 West, or the Quick Quarry located in Section 35, Township 14 North, Range 05 West, W.M. Rock for construction under this contract may be obtained from any commercial source as approved in writing by the Contract Administrator. Within the Lincoln Quarry, the Purchaser shall provide 16 hours of Track Mounted Rock Drill (including compressor) time with operator, for rock pit exploration. Within the Quick Quarry, the Purchaser shall manufacture and stockpile 2,500 cubic yards of 2 INCH

## TIMBER NOTICE OF SALE

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MINUS rock. Any damage to any road resulting from any harvest operations will be repaired at the Purchasers expense unless authorized by the Contract Administrator. Road construction will not be permitted from September 30 to May 1 unless authorized in writing by the Contract Administrator. This construction restriction applies to construction and pre-haul maintenance activities.

### **ACREAGE DETERMINATION**

**CRUISE METHOD:** Acreage was determined by GPS. Cruise was completed using a variable plot cruise method.

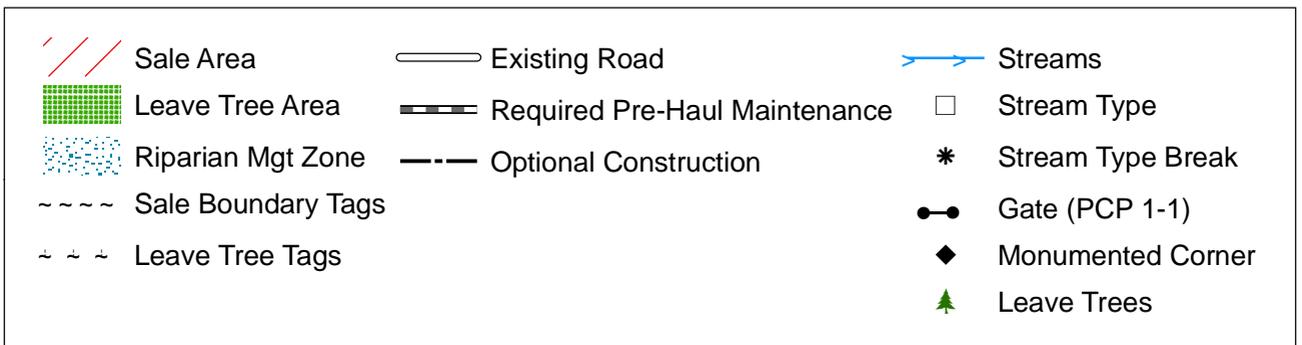
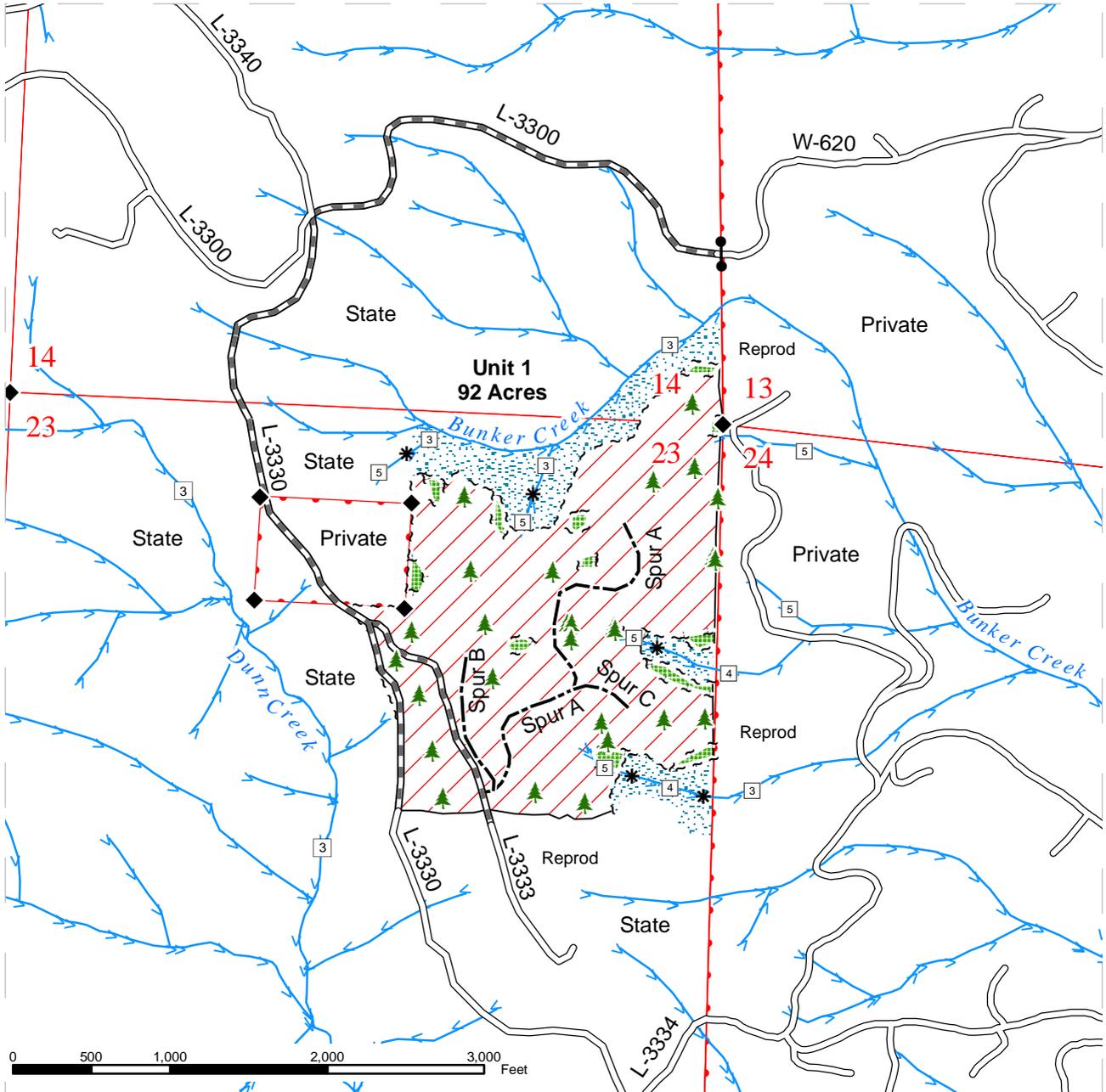
**FEES:** \$58,500.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

**SPECIAL REMARKS:** None.

# TIMBER SALE MAP

**SALE NAME:** OPEN RANGE  
**AGREEMENT#:** 30-087142  
**TOWNSHIP(S):** T14R05W  
**TRUST(S):** State Forest Transfer(01), Common School and Indemnity(03)

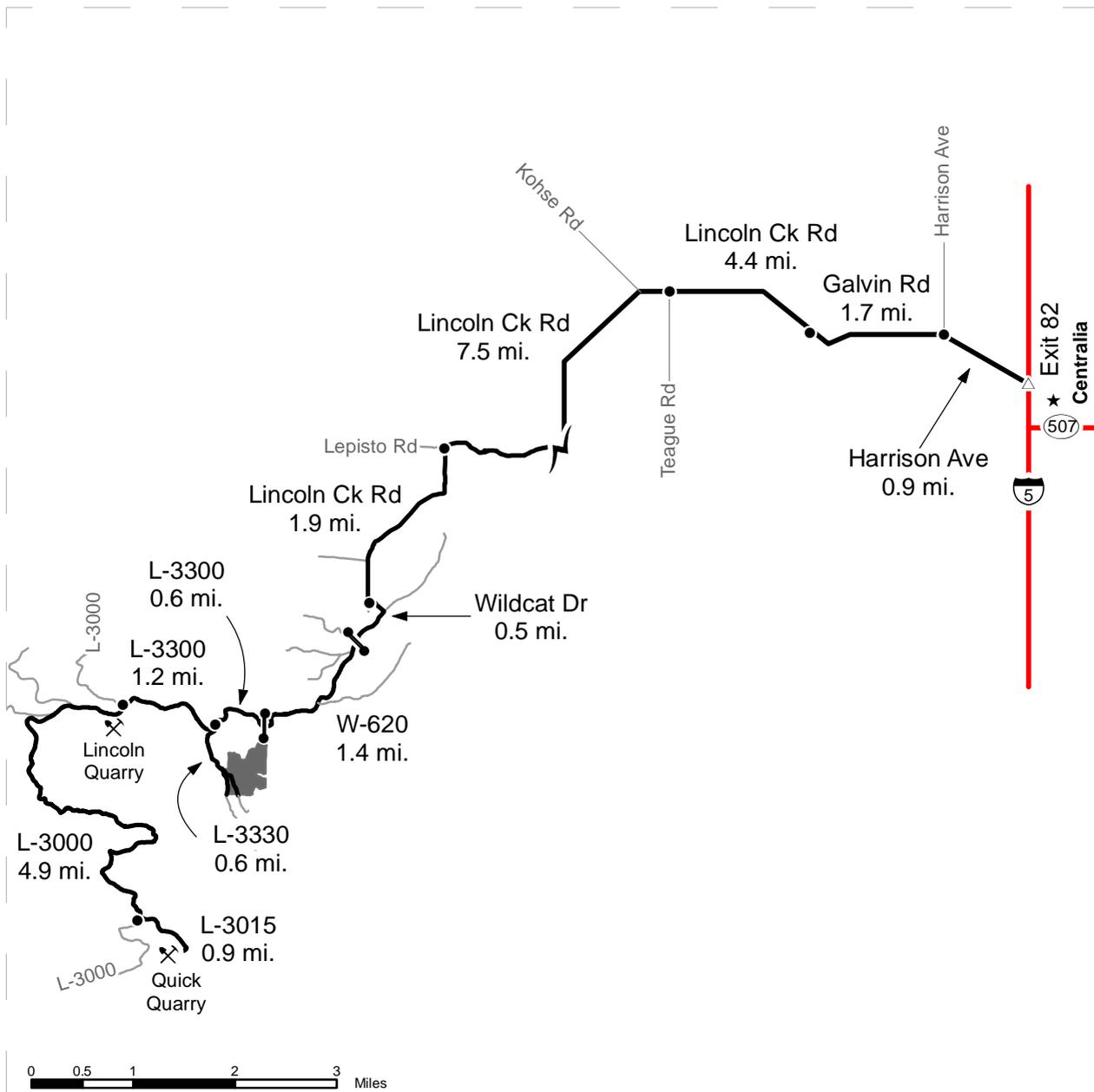
**REGION:** Pacific Cascade Region  
**COUNTY(S):** LEWIS  
**ELEVATION RGE:** 867-1325 Ft



# DRIVING MAP

**SALE NAME:** Open Range  
**AGREEMENT#:** 30-087142  
**TOWNSHIP(S):** T14NR05W  
**TRUST(S):** State Forest Transfer (01), Common School, Indemnity and Escheat (03)

**REGION:** Pacific Cascade  
**COUNTY(S):** Lewis  
**ELEVATION RGE:** 867-1325 ft.



	Timber Sale Unit
	Highways
	Haul Route
	Other Route
	On / Off Ramp
	Distance Indicator
	Gate (PCP 1-1)
	Existing Rock Pit

**DRIVING DIRECTIONS:**

From I-5 (exit 82), head west on Harrison Ave and follow for 0.9 miles  
 Turn left (west) onto Galvin Road and follow for 1.7 miles  
 Galvin Road becomes Lincoln Creek Road (in Galvin)  
 Continue on Lincoln Creek Road for 13.8 miles to Wildcat Drive  
 Continue on Wildcat Drive to T intersection then T turn right onto the W-620 to gate (0.5 miles)  
 Continue on the W-620 for 1.4 miles to gate (start L-3300)  
 Continue on the L-3300 for 0.6 miles  
 Turn left onto the L-3330 and follow for 0.6 miles to Unit



**TIMBER NOTICE OF SALE**

**SALE NAME:** BRIGHTWOOD

**AGREEMENT NO:** 30-087293

**AUCTION:** October 27, 2011 starting at 10:00 a.m., **COUNTY:** Skamania  
Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 7 miles northwest of Stevenson, Washington

**PRODUCTS SOLD  
AND SALE AREA:**

All timber, except leave trees bounded by yellow leave tree area tags, leave trees marked with blue paint, down timber existing two years prior to the day of sale, down timber greater than 24 inches DBH, snags and stumps, bounded by the following: timber sale boundary tags and the CG-2030 road in Units #1, #2 and #3; timber sale boundary tags and the CG-2034 road in Unit #5; timber sale boundary tags and the CG-2036 road in Unit #6; timber sale boundary tags, the CG-2100, CG-2111 and Spur D roads in Unit #8; timber sale boundary tags and property line in Unit #9.  
All timber as described in Schedule A, except leave trees bounded by yellow leave tree area tags and leave trees marked with blue paint, bounded by the following: timber sale boundary tags, the CG-2030 and CG-2031 roads in Unit #4; timber sale boundary tags, property line, and the CG-2111 road in Unit #7. All timber marked with orange paint bounded by the following: timber sale boundary tags and property line in Unit #10. All timber bounded by orange right-of-way boundary tags on part(s) of Sections 9, 11, 15, 16, 21 and 22 all in Township 3 North, Range 7 East, W.M., containing 191 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative Standard (cert no: BV-SFIS-US09000572)

**ESTIMATED SALE VOLUMES AND QUALITY:**

Species	Avg DBH	Ring Count	Total MBF	Total \$/MBF	MBF by Grade									
					1P	2P	3P	SM	1S	2S	3S	4S	UT	
Douglas fir	17.2	7	4,334	\$276.00				39		2,552	1,441		302	
Maple	13.2		65	\$128.00								4	61	
Hemlock	15.8		61	\$195.00						16	38		7	
Grand fir	36		48	\$195.00						44	4			
Red alder	10		14	\$370.00									14	
Sale Total			4,522											

**MINIMUM BID:** \$276/MBF (est. value \$1,230,000.00) **BID METHOD:** Sealed Bids

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

**EXPIRATION DATE:** October 31, 2014 **ALLOCATION:** Export Restricted

**BIDDABLE SPECIES:** Douglas fir

**BID DEPOSIT:** \$123,000.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

**HARVEST METHOD:** Highlead, Shovel, Track skidder and Rubber tired skidder. Harvesting activities are estimated to be 60% ground-based and 40% cable harvesting. Ground-based harvesting equipment is restricted to slopes of 40% or less. All timber marked with orange paint in Units #4, #7 and #10 shall be considered sale volume. All timber shall be yarded and

## TIMBER NOTICE OF SALE

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hauled within 30 days of being felled. See clause H-140 and Schedule L for further harvest requirements. See Schedule A for the thinning prescription. A detailed felling and yarding plan shall be required prior to any harvest activities and approved in writing by the Contract Administrator.

Northern spotted owl timing restrictions shall be implemented within Units #5, #7 and #8. Within these units, the operation of heavy equipment will be prohibited during the critical nesting season which extends from March 1 to August 31. Ground Based Yarding will not be permitted from October 31 to May 1 unless authorized in writing by the Contract Administrator.

### **ROADS:**

41.83 stations of required reconstruction. 94.04 stations of optional construction. 39.56 stations of optional reconstruction. 398.07 stations of required pre-haul maintenance. 113.62 stations of light abandonment. Rock under this contract may be obtained at no charge to the Purchaser from the CG-2031 Pit, located in Section 22, Township 03 North, Range 07 East, and the CG-2037 Pit, located in Section 11, Township 03 North, Range 07 East, W.M. 2 1/2 INCH MINUS rock for roads under this contract may be obtained at no charge to the Purchaser from the existing CG-2031 Stockpile located in Section 22, Township 03 North, Range 07 East, W.M. SMALL JAW RUN rock for roads under this contract may be obtained at no charge to the Purchaser from the existing CG-2037 Stockpile located in Section 11, Township 03 North, Range 07 East, W.M. Road construction will not be permitted from October 1 to May 1 unless authorized in writing by the Contract Administrator. This construction restriction applies to road construction, reconstruction, pre-haul maintenance, and rock pit development. Road construction and reconstruction of the CG-2034C, CG-2111, CG-2111A and CG-2111B roads will not be permitted March 1 to August 31 due to northern spotted owl timing restrictions. The hauling of forest products will not be permitted from October 31 to May 1 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:**

Purchaser will provide the State a check payable to Longview Timber in the amount of \$10,931.18 on the day of sale for the Road Use Permit and approximately 25 MBF of Right-of-Way timber that will be removed from Longview Timber property. \$59,920.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

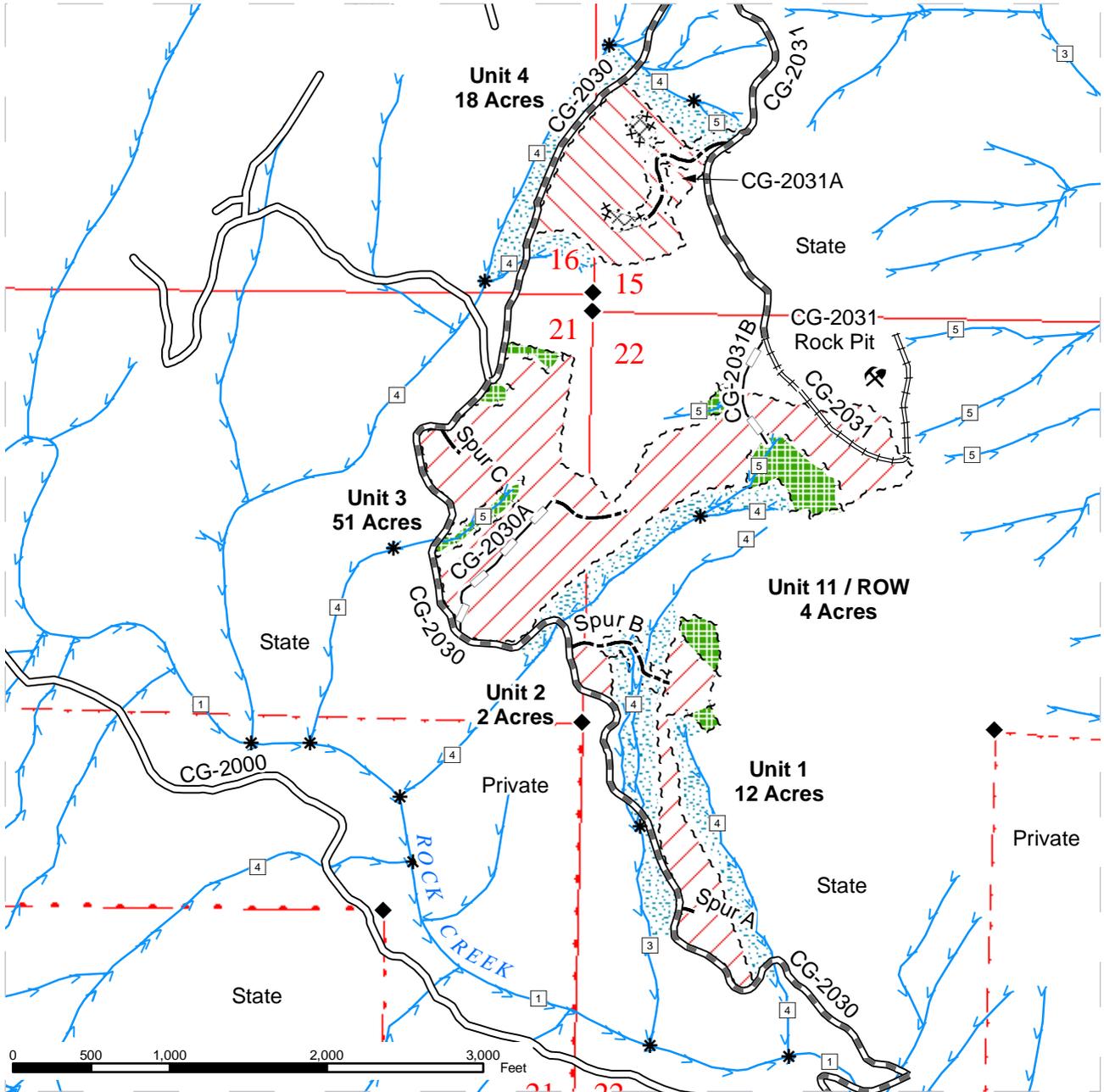
### **SPECIAL REMARKS:**

There is approximately 839 MBF of high quality DF mini-peeler. Noxious weed control measures will be implemented with this sale. These measures include, but are not limited to: notifying the Contract Administrator in advance of moving equipment onto State lands; thoroughly cleaning all road equipment prior to entry onto State land to remove contaminated soils and noxious weed seed; the Contract Administrator reserves the right to require the cleaning of equipment prior to moving from one DNR project area to another.

# TIMBER SALE MAP

**SALE NAME:** BRIGHTWOOD  
**AGREEMENT#:** 30-087293  
**TOWNSHIP(S):** T03R07E  
**TRUST(S):** State Forest Transfer(1), Common School and Indemnity(3), Scientific School(10)

**REGION:** Pacific Cascade Region  
**COUNTY(S):** SKAMANIA  
**ELEVATION RGE:** 645-2445



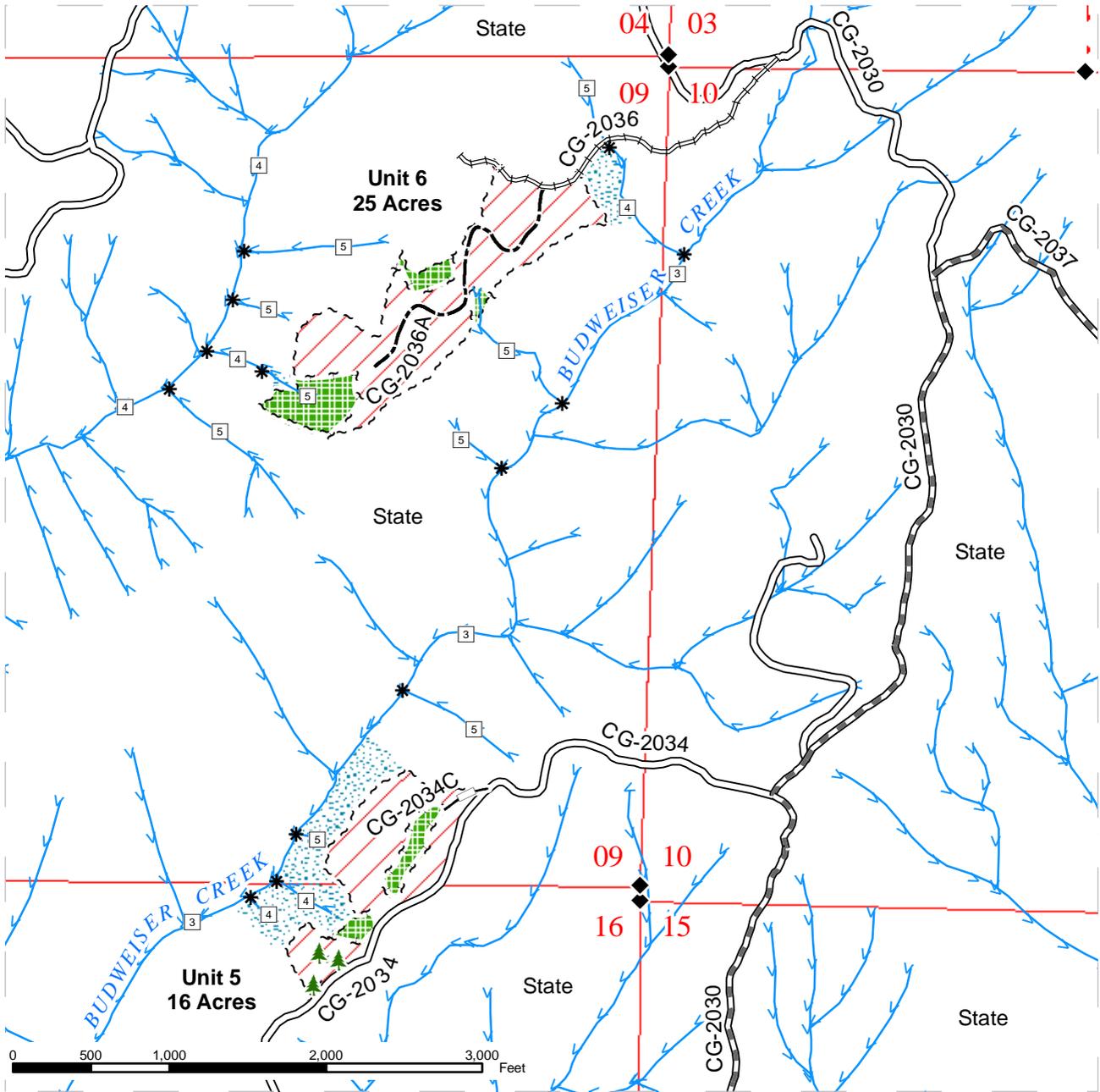
Variable Retention Harvest	Special Mgt Area Tags	Streams
Variable Density Thinning	Right of Way Tags	Stream Type
Special Mgt Area	Existing Road	Stream Type Break
Leave Tree Area	Required Pre-Haul Maintenance	Special Mgt Gaps
Riparian Mgt Zone	Required Reconstruction	Leave Trees
Sale Boundary Tags	Optional Reconstruction	Existing Rock Pit
Leave Tree Tags	Optional Construction	Monumented Corner



# TIMBER SALE MAP

**SALE NAME:** BRIGHTWOOD  
**AGREEMENT#:** 30-087293  
**TOWNSHIP(S):** T03R07E  
**TRUST(S):** State Forest Transfer(1), Common School and Indemnity(3), Scientific School(10)

**REGION:** Pacific Cascade Region  
**COUNTY(S):** SKAMANIA  
**ELEVATION RGE:** 645-2445



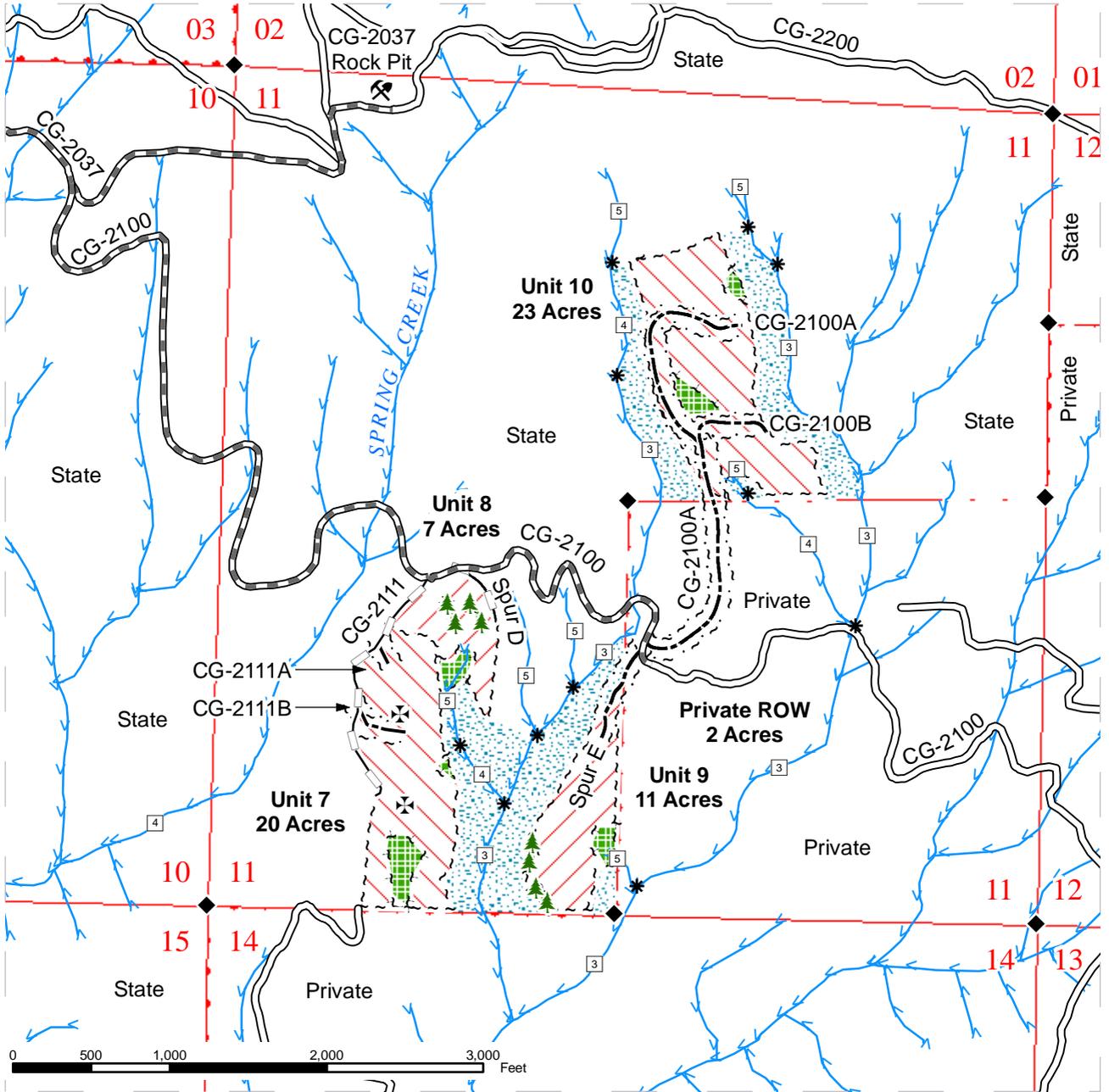
Variable Retention Harvest	Special Mgt Area Tags	Streams
Variable Density Thinning	Right of Way Tags	Stream Type
Special Mgt Area	Existing Road	Stream Type Break
Leave Tree Area	Required Pre-Haul Maintenance	Special Mgt Gaps
Riparian Mgt Zone	Required Reconstruction	Leave Trees
Sale Boundary Tags	Optional Reconstruction	Existing Rock Pit
Leave Tree Tags	Optional Construction	Monumented Corner



# TIMBER SALE MAP

**SALE NAME:** BRIGHTWOOD  
**AGREEMENT#:** 30-087293  
**TOWNSHIP(S):** T03R07E  
**TRUST(S):** State Forest Transfer(1), Common School and Indemnity(3), Scientific School(10)

**REGION:** Pacific Cascade Region  
**COUNTY(S):** SKAMANIA  
**ELEVATION RGE:** 645-2445

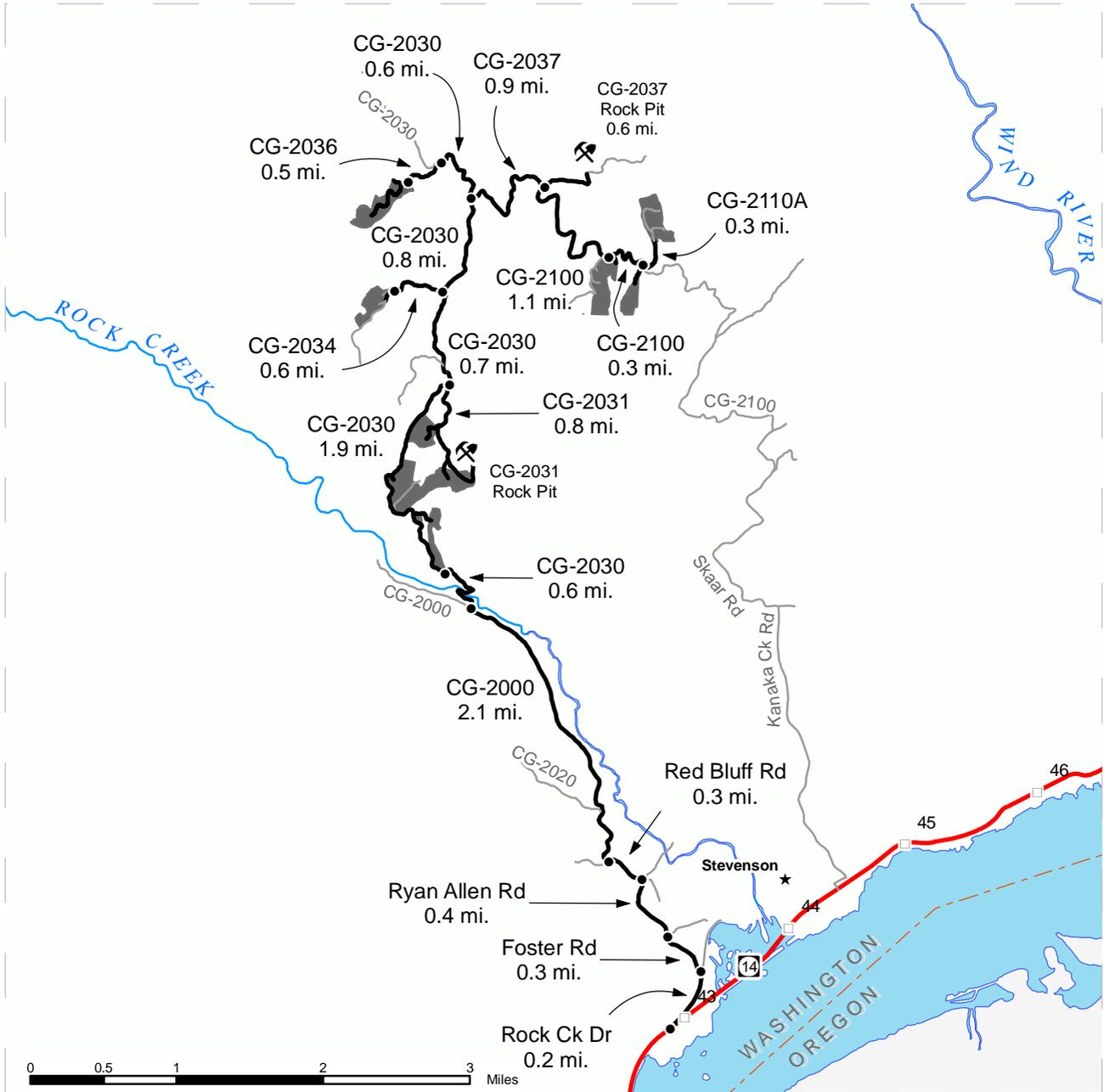


	Variable Retention Harvest		Special Mgt Area Tags		Streams
	Variable Density Thinning		Right of Way Tags		Stream Type
	Special Mgt Area		Existing Road		Stream Type Break
	Leave Tree Area		Required Pre-Haul Maintenance		Special Mgt Gaps
	Riparian Mgt Zone		Required Reconstruction		Leave Trees
	Sale Boundary Tags		Optional Reconstruction		Existing Rock Pit
	Leave Tree Tags		Optional Construction		Monumented Corner

# DRIVING MAP

**SALE NAME:** BRIGHTWOOD  
**AGREEMENT#:** 30-087293  
**TOWNSHIP(S):** T03R07E  
**TRUST(S):** State Forest Transfer(1), Common School and Indemnity(3), Scientific School(10)

**REGION:** Pacific Cascade Region  
**COUNTY(S):** SKAMANIA  
**ELEVATION RGE:** 645-2445



	Timber Sale Unit
	Highways
	Haul Route
	Other Route
	Milepost Markers
	Distance Indicators
	Existing Rock Pit

**DRIVING DIRECTIONS:**

From US Hwy 14 (milepost 43), turn North onto Rock Creek Drive and follow for 0.2 miles  
 Turn left onto Foster Road and follow for 0.3 miles  
 Turn left onto Ryan Allen Road and follow for 0.4 miles  
 Turn left onto Red Bluff Road and follow for 0.3 miles (start CG-2000)  
 Continue on the CG-2000 for 2.1 miles  
 Veer right onto the CG-2030 and follow for 0.6 miles to Unit 1  
 Continue on the CG-2030 for 0.5 miles to Unit 2  
 Continue on the CG-2030 for 0.1 miles to Unit 3  
 Continue on the CG-2030 for 0.7 miles to Unit 4

See attached document for remaining driving directions



**Driving Directions:**

From Highway 14 (milepost 43), turn North onto Rock Creek Drive and follow for 0.2 miles

Turn left onto Foster Road and follow for 0.3 miles

Turn left onto Ryan Allan Road and follow for 0.4 miles

Turn left onto Red Bluff Road and follow for 0.3 miles (start CG-2000)

Continue on the CG-2000 for 2.1 miles

Veer right onto the CG-2030 and follow for 0.6 miles to Unit 1

Continue on the CG-2030 for 0.5 miles to Unit 2

Continue on the CG-2030 for 0.1 miles to Unit 3

Continue on the CG-2030 for 0.7 miles to Unit 4

Continue on the CG-2030 for 0.6 miles (CG-2031)

Continue on the CG-2030 for 0.7 miles

Unit 5: Turn left onto the CG-2034 and follow for 0.6 miles

Continue on the CG-2030 for 0.8 miles

Unit 6: Continue on the CG-2030 for 0.6 miles

Turn left onto the CG-2036 and follow for 0.5 miles

Unit 7, 8, 9, 10: Turn right onto the CG-2037 and follow for 0.9 miles

Turn right onto the CG-2100 and follow for 0.9 miles to Unit 8

Unit 7: Turn right onto the CG-2111 and follow for 0.3 miles

Continue on the CG-2100 for 0.5 miles to Unit 9 and start of CG-2110A to Unit 10



**TIMBER NOTICE OF SALE**

**SALE NAME:** OSCILLATE

**AGREEMENT NO:** 30-086384

**AUCTION:** October 26, 2011 starting at 10:00 a.m., **COUNTY:** Snohomish  
Northwest Region Office, Sedro Woolley, WA

**SALE LOCATION:** Sale located approximately 12 miles east of Arlington, WA.

**PRODUCTS SOLD  
AND SALE AREA:**

All timber bounded by white timber sale boundary tags, adjacent young stands, property line, and the EB-29 and EB-2909 roads, except forest products tagged out by blue special management area tags, trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, and cedar snags, preexisting dead and down cedar trees and logs in Unit #1.

All timber bounded by white timber sale boundary tags, adjacent young stands, property lines, and the EB-2109 Road, except forest products tagged out by blue special management area tags, trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, and cedar snags, preexisting dead and down cedar trees and logs in Unit #2.

All timber marked with a blue special management tag on the bole AND which is marked with orange paint on the bole, located along property line boundaries of Unit #2.

All timber bounded by white timber sale boundary tags, adjacent young stands, and the EB-2901 and EB-2901-0502 roads, except forest products tagged out by blue special management area tags, trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, and cedar snags, preexisting dead and down cedar trees and logs in Unit #3.

All trees designated for removal as described in Schedule B, located in the RMZs (blue special management tagged areas) in Units #1, 2 and 3.

The above described products on part(s) of Sections 13, 14, 24 and 25 all in Township 32 North, Range 6 East, W.M., containing 144 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative Standard (cert no: BV-SFIS-US09000572)

**ESTIMATED SALE VOLUMES AND QUALITY:**

Species	Avg DBH	Ring Count	Total MBF	MBF by Grade								
				1P	2P	3P	SM	1S	2S	3S	4S	UT
Hemlock	15		2,161				28		988	881	264	
Douglas fir	24	9	927				225		576	108	18	
Red alder	17		638						282	232	124	
Red cedar	17		327							273	54	
Cottonwood	24		162	12				47	84		19	
Maple	15		8							7	1	
Sale Total			4,223									

**MINIMUM BID:** \$1,236,000.00 **BID METHOD:** Sealed Bids

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





## TIMBER NOTICE OF SALE

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**FEES:** \$55,954.75 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

**SPECIAL REMARKS:**

1. All units are accessed off of the Jim Creek Road onto the Ebey Mountain Road which must pass through a private gate followed by a State gate. The code for the private gate, which changed effective 11/1/2010, is available at the Northwest Region office. The second gate requires an F1-3 key.
2. The cruise report contains utility material which is not reflected in the volume above.
3. Schedule R contains the pit plan for the EB-3902 Hardrock Pit.

**Schedule B**  
**RMZ Thinning Prescription**

Hardwood Conversion and Thinning Prescription

The outer edge of the RMZs is demarcated with blue special management tags. Trees within the RMZ (behind blue special management tags) shall be harvested according to the following prescription.

Trees demarcating the onset of the riparian thinning area, which have a blue special management tag AND meet the prescription for thinning, may be harvested.

UNIT 1 RMZ Thinning:

Cut all RA

Cut WH 14 inches DBH and below

Leave: RC, DF, BM, and CW

LWD: 17 WH trees 14 inches DBH

UNIT 2 RMZ Hardwood Conversion:

Cut all RA, CW, BM.

LEAVE ALL CONIFER SPECIES

UNIT 3 RMZ Thinning:

Cut all RA

Cut WH 15 inches DBH and below

Leave: RC, DF, BM, and CW

LWD: 80 WH trees 15 inches DBH (Unit #3A-22, Unit #3B-34, Unit #3C-24)

LARGE WOODY DEBRIS (LWD) CREATION:

Retain all snags greater than or equal to 20 inches DBH and 20 feet tall, except where it cannot be accomplished safely. Five (5) of the designated conifer prescription trees per acre, from the largest DBH class, shall be felled towards the stream where feasible to remain as LWD.

Purchaser shall mark and they shall be approved by Contract Administrator before felling. These trees shall be marked within 25 feet of the white timber sale tags (25 feet to 50 feet from the stream channel).

SPECIAL THINNING CONDITIONS:

Where the prescription would leave an opening greater than 50 feet in diameter, the Purchaser must leave a conifer take tree from the largest diameter, largest crown class, best form, and undamaged. Species preference in order of importance: DF, RC, WH

In areas where thinning is not necessary, i.e., prescription is met, do not put in yarding corridors or skid trails. These areas must be identified and agreed upon in advance with the Contract Administrator.

Location of yarding corridors will be premarked by the Purchaser and approved in writing by the Contract Administrator.

For thinning areas, excessive leave tree damage is defined in H-012.

Damages to leave trees in thinned areas to be assessed if greater than 5% of leave trees damaged at D-40 clause rates.

#### CABLE YARDING CORRIDORS:

All radial yarding corridors must be no wider than 12 feet wide, located as close to parallel as possible.

When radial yarding corridors are required from a central landing, the distance between yarding corridors must be no closer than 100 feet where the corridor leaves the thinning unit as measured from the center of the corridors. Where possible, corridors should be located in a manner to minimize the damage to or removal of leave trees. Following completion of yarding of each corridor, rub trees that do not meet take tree specifications shall be left standing. It is not required to remove all leave trees from the 12-foot corridor.

Corridor trees felled within the 25 feet inner core of stream RMZ's for corridors are to be left on ground, not yarded. These trees should be felled towards the stream where feasible.

When yarding through type 4 stream buffers and type 5 streams the Contract Administrator must approve all stream crossing locations prior to felling of any timber.

#### GROUND YARDING CORRIDORS:

Corridors are limited to 14 feet wide (including rub trees) and no less than 70 feet apart as measured from the center of the corridor. Where possible, corridors should be located in a manner to minimize the damage to, residual trees.

Location of yarding corridors will be premarked by the Purchaser and approved in writing by the Contract Administrator.

#### CERTIFICATION OF FALLERS AND YARDER OPERATORS – SEE CLAUSE H-011 OF THE CONTRACT.

The Contract Administrator and Faller/Purchaser Operator will jointly review the take tree selection criteria as outlined in this Schedule of the contract.

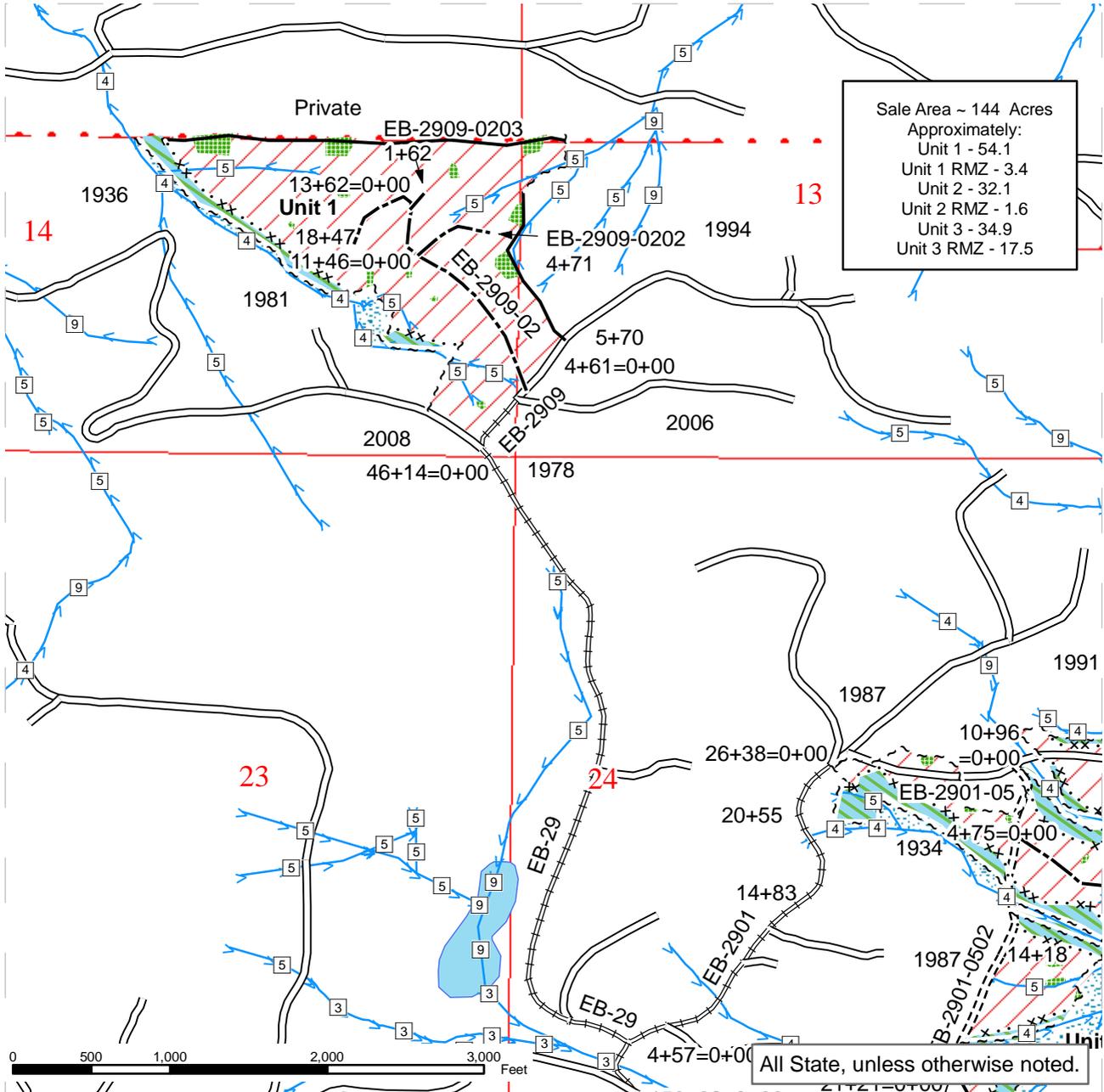
In conjunction with the Contract Administrator, the Faller/Purchaser Operator will mark a designated area as a test plot within the sale area boundary. Satisfactory thinning of the test plot

completes the certification process. Certification may be revoked at any time by Contract Administrator if Contract Administrator determines that the prescription is not being implemented properly.

# TIMBER SALE MAP

**SALE NAME:** Oscillate  
**AGREEMENT#:** 086384  
**TOWNSHIP(S):** T32 R06E  
**TRUST(S):** State Forest Transfer (1)

**REGION:** Northwest  
**COUNTY(S):** Snohomish  
**ELEVATION RGE:** 760- 1500



Sale Area ~ 144 Acres  
 Approximately:  
 Unit 1 - 54.1  
 Unit 1 RMZ - 3.4  
 Unit 2 - 32.1  
 Unit 2 RMZ - 1.6  
 Unit 3 - 34.9  
 Unit 3 RMZ - 17.5

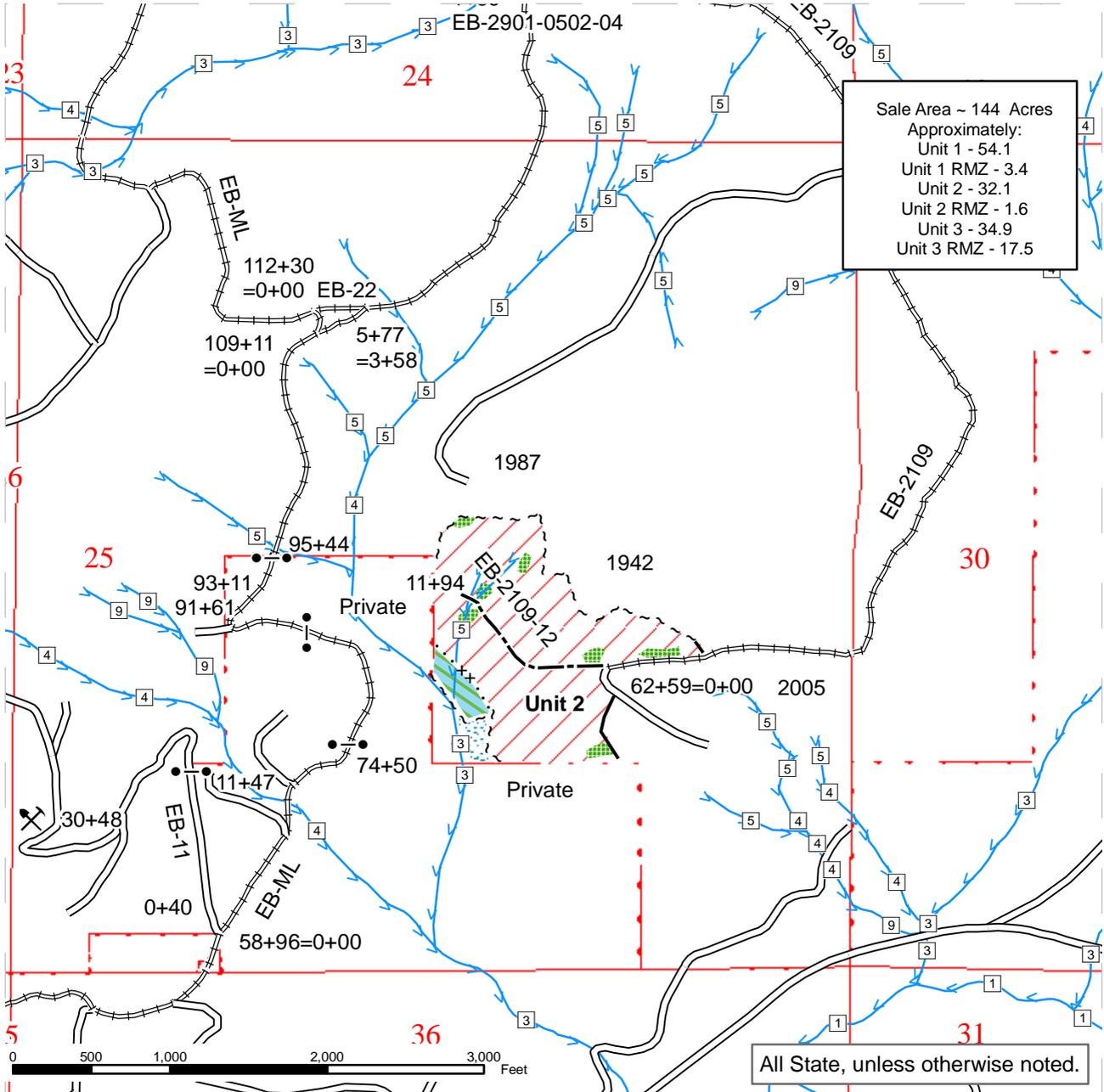
All State, unless otherwise noted.

Legend		Unit Tags	
Timber Sale Unit	Stream Type	Sale Boundary Tags	DNR Managed Lands
<b>Special Mgt Areas</b>	Rock Pit	Sale Boundary (reprod)	Public Land Survey Sections
Leave Trees	<b>Road Construction Types</b>	Special Management Tags	
Riparian Management Zone	Existing Roads		
RMZ Thin	Required Construction		
Streams	Optional Construction		
Open Water	Required Reconstruction		
	Optional Reconstruction		

# TIMBER SALE MAP

**SALE NAME:** Oscillate  
**AGREEMENT#:** 086384  
**TOWNSHIP(S):** T32 R06E  
**TRUST(S):** State Forest Transfer (1)

**REGION:** Northwest  
**COUNTY(S):** Snohomish  
**ELEVATION RGE:** 760- 1500

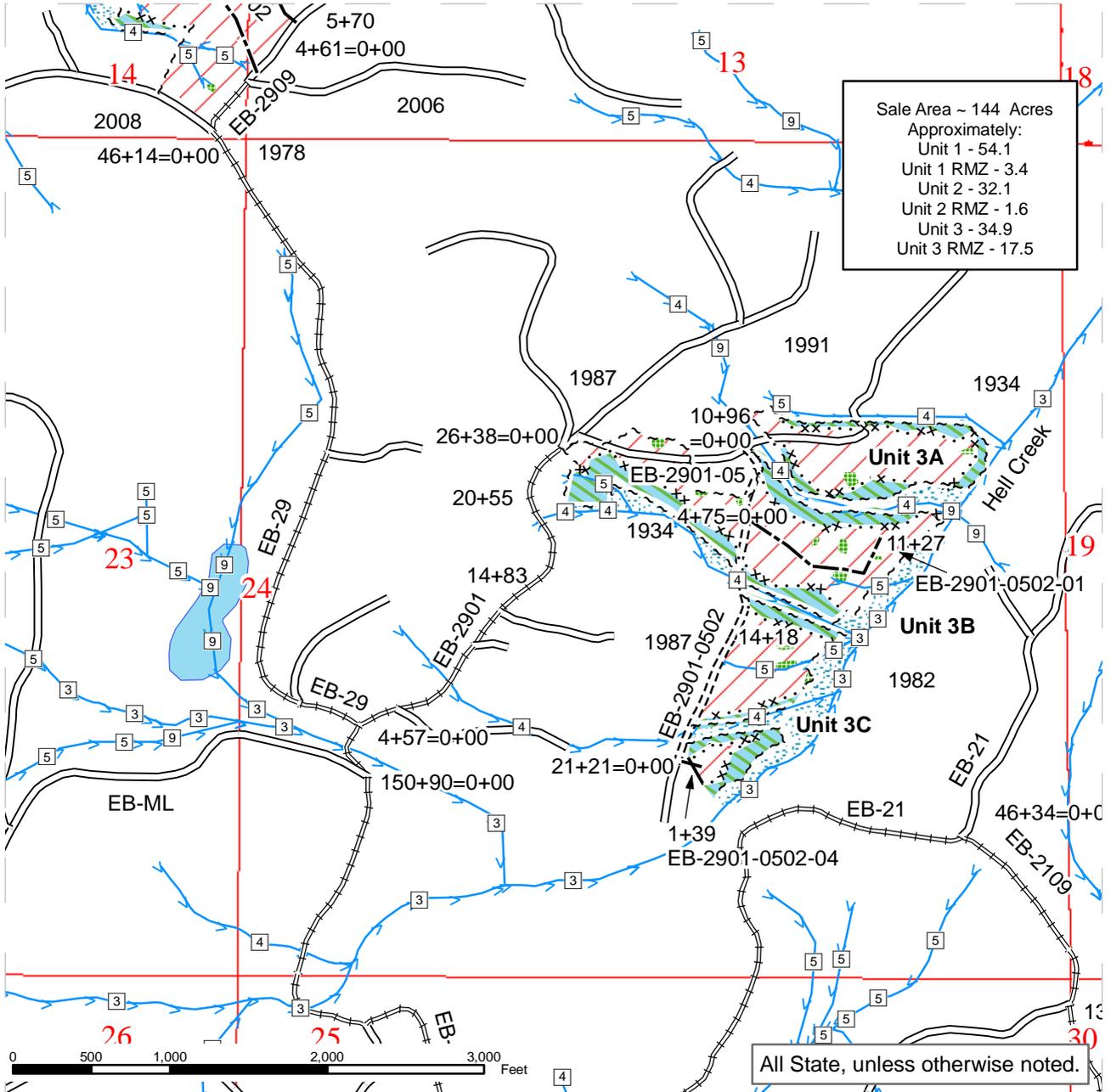


<b>Legend</b>		<b>Unit Tags</b>	
Timber Sale Unit	Stream Type	Sale Boundary Tags	
<b>Special Mgt Areas</b>	Rock Pit	Sale Boundary (reprod)	
Leave Trees	<b>Road Construction Types</b>	Special Management Tags	
Riparian Management Zone	Existing Roads	DNR Managed Lands	
RMZ Thin	Required Construction	Public Land Survey Sections	
Streams	Optional Construction		
Open Water	Required Reconstruction		
	Optional Reconstruction		

# TIMBER SALE MAP

**SALE NAME:** Oscillate  
**AGREEMENT#:** 086384  
**TOWNSHIP(S):** T32 R06E  
**TRUST(S):** State Forest Transfer (1)

**REGION:** Northwest  
**COUNTY(S):** Snohomish  
**ELEVATION RGE:** 760- 1500

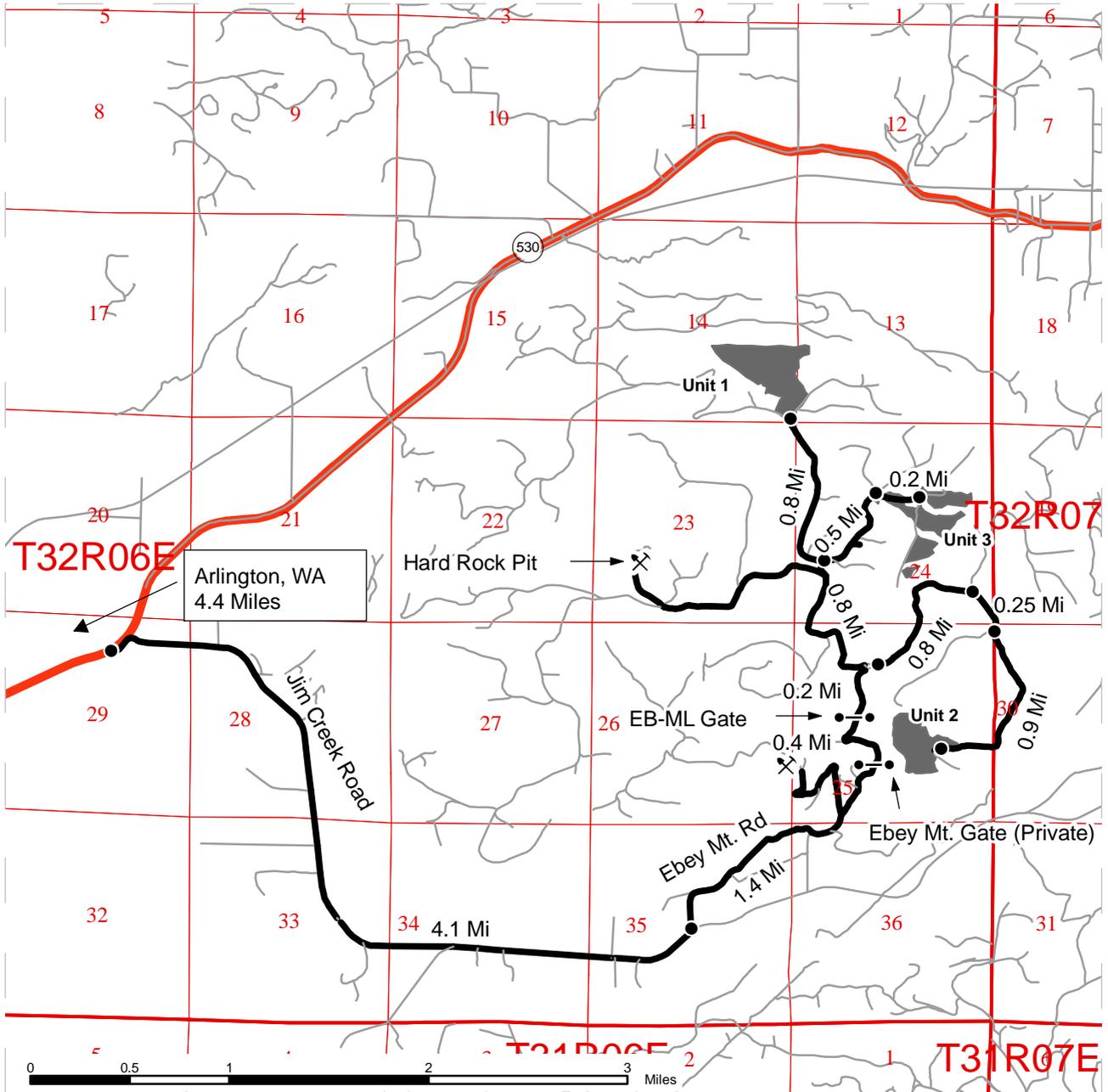


<b>Legend</b>		<b>Unit Tags</b>	
Timber Sale Unit	Stream Type	Sale Boundary Tags	DNR Managed Lands
<b>Special Mgt Areas</b>		Rock Pit	Sale Boundary (reprod)
Leave Trees	<b>Road Construction Types</b>	Required Construction Optional Construction Required Reconstruction Optional Reconstruction	Special Management Tags
Riparian Management Zone			Public Land Survey Sections
RMZ Thin			
Streams			
Open Water			

# DRIVING MAP

**SALE NAME:** Oscillate  
**AGREEMENT#:** 30-086384  
**TOWNSHIP(S):** T32 R6E  
**TRUST(S):** State Forest Transfer (1)

**REGION:** Northwest  
**COUNTY(S):** Snohomish  
**ELEVATION RGE:** 760-1650



<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 20px; height: 10px; background-color: grey; margin-right: 5px;"></span> Timber Sale Unit</li> <li><span style="display: inline-block; width: 20px; border-bottom: 2px solid black; margin-right: 5px;"></span> Haul Route</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Other Route</li> <li><span style="display: inline-block; width: 20px; border-bottom: 3px solid orange; margin-right: 5px;"></span> Highways</li> <li><span style="display: inline-block; width: 0; height: 0; border-left: 5px solid transparent; border-right: 5px solid transparent; border-bottom: 10px solid black; margin-right: 5px;"></span> Gate</li> <li><span style="display: inline-block; width: 0; height: 0; border-left: 5px solid transparent; border-right: 5px solid transparent; border-bottom: 10px solid black; margin-right: 5px;"></span> Rock Pit</li> <li><span style="display: inline-block; width: 5px; height: 5px; border-radius: 50%; border: 1px solid black; margin-right: 5px;"></span> Distance Indicator</li> </ul>	<p><b><u>DRIVING DIRECTIONS:</u></b></p> <p>Detailed Access Description: The volume center of the proposed timber sale is located approximately 10 miles East of Arlington. From Arlington, follow SR 530 East 4.4 miles. Turn right onto Jim Creek Road and follow Jim Creek Road for 4.1 miles. Turn left onto Ebey Mountain Road (private) and proceed to a private gate (Code to private gate can be obtained from Region office) – 1.4 miles. Ebey Mountain Mainline (EB-ML) will begin at the State Lands gate up the road an additional 0.4 miles. Follow the EB-ML 0.2 miles, to access Units 1 and 3, switchback left at three-way intersection and proceed 0.8 miles (cross large culvert) to Junction with EB-29 Road. To access Unit 1: turn left onto EB-29 Road and follow straight for 0.8 miles to EB-2909 Road. Turn right onto EB-2909. Unit 1 is on the left. To access Unit 3: continue straight ahead 0.5 miles (after crossing large culvert) onto EB-2901 Road. Turn right onto EB-2901-05. The Northwest portion of Unit 3B is to left and right. Continue 0.2 miles to junction of EB-2901-05 and EB-2901-0502 (abandoned) for access to all compartments. To access Unit 2: At switchback 0.2 miles from EB-ML Gate, bear straight onto EB-21 Road and follow 0.8 miles to junction with EB-2108. Bear right onto EB-2108 and follow 0.25 miles to junction. Bear left and continue on EB-2108 for 0.9 miles. Unit 2 is on the right.</p>
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**TIMBER NOTICE OF SALE**

**SALE NAME:** RIPLE VDT & VRH

**AGREEMENT NO:** 30-086671

**AUCTION:** October 26, 2011 starting at 10:00 a.m., **COUNTY:** Whatcom  
Northwest Region Office, Sedro Woolley, WA

**SALE LOCATION:** Sale located approximately 15 miles southeast of Deming, WA.

**PRODUCTS SOLD  
AND SALE AREA:**

All timber bounded by white timber sale boundary tags, adjacent young stands, and the MF-59 and MF-ML roads, except trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags and cedar snags, preexisting dead and down cedar trees and logs in Unit #1.

All timber designated for removal as described in Schedule B bounded by white timber sale boundary tags, property lines, adjacent young stands, and the MF-59 and MF-ML roads in Unit #2.

All timber designated for removal as described in Schedule B bounded by white timber sale boundary tags and the MF-ML Road in Unit #3.

All timber designated for removal as described in Schedule B bounded by white timber sale boundary tags, property lines, and the MF-59 Road in Unit #4.

All timber bounded by orange right of way tags, except that title to the timber within the right of way tags for road designated as optional construction is not conveyed to the Purchaser unless the road segment is actually constructed.

The above described products on part(s) of Sections 26, 27 and 28 all in Township 38 North, Range 6 East, W.M., containing 176 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative Standard (cert no: BV-SFIS-US09000572)

**ESTIMATED SALE VOLUMES AND QUALITY:**

Species	Avg DBH	Ring Count	Total MBF	Total \$/MBF	MBF by Grade									
					1P	2P	3P	SM	1S	2S	3S	4S	UT	
Hemlock	11	5	2,694	\$162.00						196	1,390	1,108		
Douglas fir	15	4	622	\$243.00						298	253	71		
Red alder	12		186	\$199.00								32	154	
Silver fir	11		85	\$162.00								50	35	
Red cedar	14		47	\$580.00								39	8	
Sale Total			3,634											

**MINIMUM BID:** \$162/MBF (est. value \$665,000.00) **BID METHOD:** Sealed Bids

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

**EXPIRATION DATE:** September 30, 2013 **ALLOCATION:** Export Restricted

**BIDDABLE SPECIES:** Silver fir, Hemlock combined.

## TIMBER NOTICE OF SALE

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**BID DEPOSIT:** \$66,500.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

**HARVEST METHOD:** Cable; cable or shovel on sustained slopes 30% or less in Unit #1; cable, forwarder, or tracked skidder on sustained slopes 30% or less in Units #2, 3, and 4. Falling and Yarding will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator (THIS PERTAINS TO GROUND-BASED EQUIPMENT ONLY) to reduce soil damage and erosion. However, no operations will be permitted in the northern portion of Unit 3 (north of the MF-ML) from October 1- June 31 AND THIS IS NOT WAIVABLE.

Cutting and yarding in the variable density thinning portions of the timber sale will not be permitted during the bark slippage season unless authorized in writing by the Contract Administrator. This season is estimated to be from April 1 to July 15 but will vary depending on weather conditions. If permission is granted to operate during the bark slippage season the purchaser will be required to provide a plan outlining mitigation measures.

**ROADS:** 12.02 stations of required construction. 75.15 stations of required reconstruction. 53.67 stations of optional construction. 53.67 stations of road to be abandoned if built. Installation of a 35-foot-span gravel deck log stringer bridge.

Development of an existing hardrock (Saint Stephen Pit) source at station 18+79 of MF-25 road will involve drilling, shooting, and processing rock to generate riprap and 3-inch minus ballast. This rock is available at no cost on State land.

Development of a proposed hardrock (Galbraith Pit) source at station 12-06 of MF-5912 road will involve clearing, stripping, drilling, shooting, and processing rock to generate riprap and 3-inch minus ballast. This rock is available at no cost on State land.

An estimated total quantity of rock needed for this proposal: 381 cubic yards of riprap and 7,311 cubic yards of ballast rock.

Road construction, road reconstruction, road abandonment, and the hauling of rock will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator to reduce soil damage and siltation. The hauling of forest products will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator to reduce soil damage and siltation. However, to minimize wetland impacts, no waiver shall be granted for the hauling of rock, the hauling of forest products, road construction, or road abandonment on the MF-75 road in accordance with the road plan.

### ACREAGE DETERMINATION

**CRUISE METHOD:** Acres determined by GPS traverse. 306.0 acres gross. 1.9 acres deducted for green tree retention clumps, 96.7 acres deducted for riparian areas, 5.3 acres deducted for existing road, and 25.7 acres deducted for non-merchantable area. 176.4 acres net. Cruised using variable plot method. Expansion factor used is 40.00 for Units #1-4; and 54.45 for r/w and corridors. Sighting height is 4.5 feet. A total of 91 plots were taken.

**FEES:** \$48,150.50 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

## TIMBER NOTICE OF SALE

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- SPECIAL REMARKS:**
1. Unit #1 is Variable Retention Harvest (VRH), Units #2, 3 and 4 are Variable Density Thinning (VDT).
  2. An estimate of corridor acreage was calculated at 11.6 acres, 6.3 acres and 3.6 acres for Units # 2, 3, and 4, respectively for a total of 21.2 acres.
  3. Multi-span supports may be necessary in the cable yarding areas in all units of the sale.

**Schedule B**  
**Thinning Prescription**

THINNING PRESCRIPTION (Units 2, 3 and 4)

Unit 2 VDT

Thin from below, remove Western Hemlock (WH) 20 inches DBH and less, leaving an average basal area of 210-220 per acre and an average of 135 trees per acre (tpa).

Unit 3 VDT

Thin from below, remove Western Hemlock (WH) 16 inches DBH and less, leaving an average basal area of 210-220 per acre and an average of 155 tpa.

Unit 4 VDT

Thin from below, remove Western Hemlock (WH) 12 inches DBH and less, leaving an average basal area of 185-195 per acre and an average of 230 tpa.

- In areas adjacent to Old Growth snags present in the stands, thinning may be forgone in order to protect the integrity of the snags. Snags in these stands shall not be cut. Corridors will be located in areas avoiding snags.
- No downed wood is to be removed from corridors or designated thinning areas.

UNIT / SNAGS REQUIRED:

- Two conifer trees per acre over 20 inches dbh shall be made into snags through girdling or topping the tree above 16 feet. These trees are in addition to the residual stocking targets mentioned above and will be spread evenly across the treated and untreated acres in all thinning units.

Unit 2 VDT

145 total snags/ 35 of which will need to be within 25 feet of the timber sale boundary tags adjacent to the Type-3 and Type-4 streams.

Unit 3 VDT

73 total snags/ 14 of which will need to be within 25 feet of the timber sale boundary tags adjacent to the Type-3 streams.

Unit 4 VDT

45 total snags/ 7 of which will need to be within 25 feet of the timber sale boundary tags adjacent to the Type-4 streams.

**SPECIAL THINNING CONDITIONS:** In areas where thinning is not necessary, i.e., prescription is met, do not put in yarding corridors or skid trails. These areas must be identified and agreed upon in advance with the Contract Administrator.

**DOWNHILL CABLE YARDING:** Corridors are limited to 30 feet wide (including rub trees) and no less than 100 feet apart as measured from the center of the corridor. Corridors shall be located in a manner as to minimize the damage to, or removal, of leave trees and must be pre-approved by contract administrator. Landings will be located to provide for parallel yarding corridors. Radial corridors will be permitted, given that where the corridors leave the unit, they are a minimum of 150 feet apart as measured from the corridor center.

**UPHILL CABLE YARDING:** Corridors are limited to 20 feet wide (including rub trees) and no less than 100 feet apart as measured from the center of the corridor. Corridors shall be located in a manner to minimize the damage to, or removal, of leave trees. Landings will be located to provide for parallel yarding corridors whenever possible. When radial yarding corridors are required from a central landing, the distance between yarding corridors must be no closer than 150 feet where the corridor leaves the unit as measured from the center of the corridor.

**GROUND-BASED YARDING CORRIDORS:** Corridors are limited to 15 feet wide (including rub trees) and no less than 75 feet apart as measured from the center of the corridor. Corridors shall be located in a manner to minimize the damage to or removal of leave trees.

**COMPLIANCE:**

Variable radius plots will be taken to determine basal area per acre for each unit. Plots will be evenly distributed at a density of at least 2 plots per five acres. Each plot will be measured with a 40 basal area factor (BAF) prism; the number of “in” trees multiplied by 40 will give the basal area for that plot. The average basal area of all plots in each unit will determine if the unit meets its target value.

**UNIT DIVISIONS FOR ASSESSMENT OF DAMAGE:**

Per contract clauses H-012 and D-040. Units 2, 3 and 4 are divided into the following compartments- (maps attached) As labeled.

**CERTIFICATION OF FALLERS AND YARDER OPERATORS**

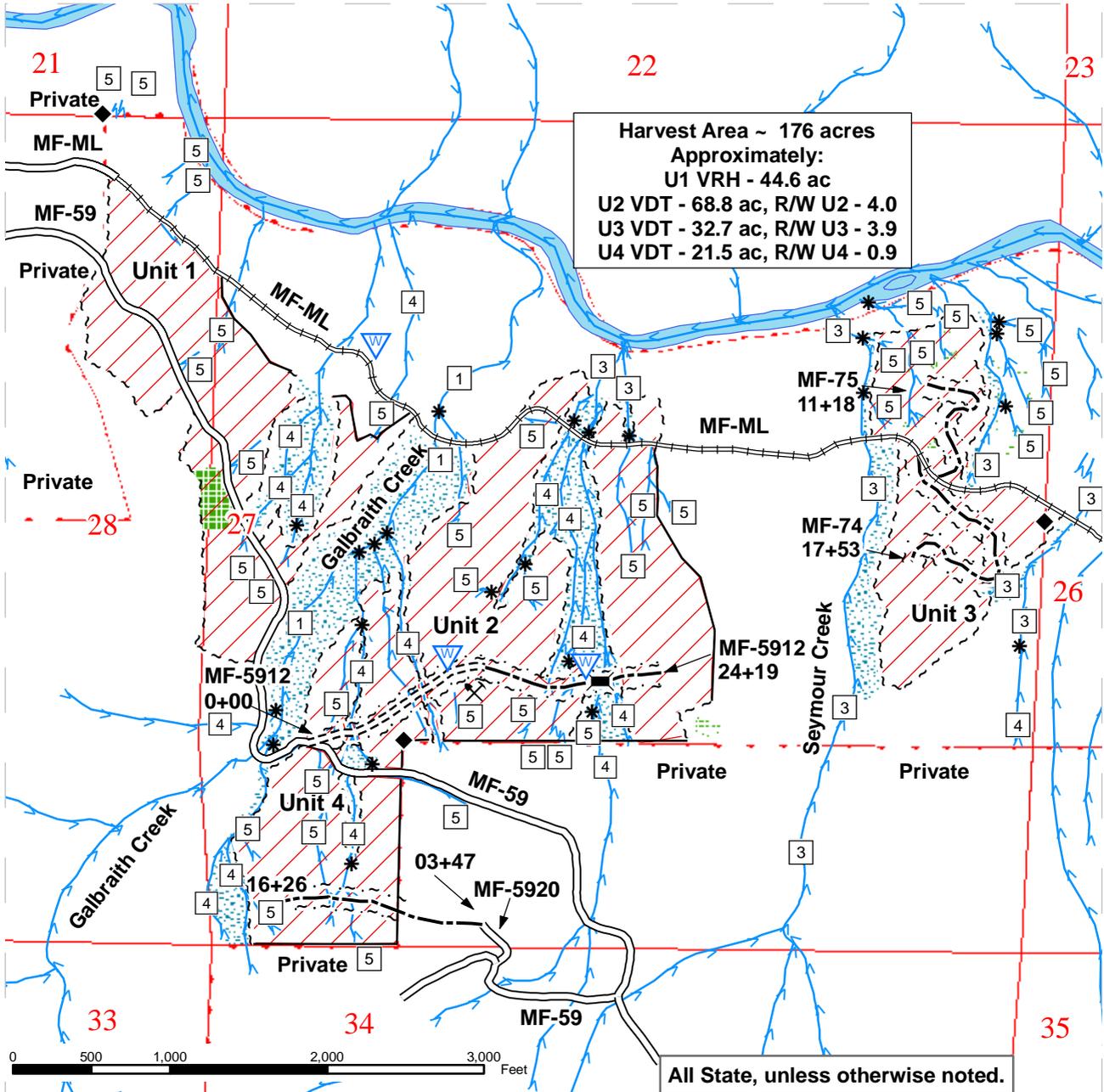
(Additional requirements beyond those outlined in the H-011)

The Contract Administrator and faller/harvest operator will jointly review the leave tree selection criteria as outlined above. In conjunction with the Contract Administrator, the faller/ harvest operator will mark a designated area as a test plot within the sale area boundary. Satisfactory thinning of the test plot completes the certification process. Certifications will be issued to individuals when they demonstrate to the Contract Administrator their ability to perform within the requirements set forth in the contract.

# TIMBER SALE MAP

**SALE NAME:** RIPPLE VDT & VRH  
**AGREEMENT#:** 86671  
**TOWNSHIP(S):** T38R06E  
**TRUST(S):** Common School and Indemnity(3)

**REGION:** Northwest Region  
**COUNTY(S):** WHATCOM  
**ELEVATION RGE:** 1345-2705

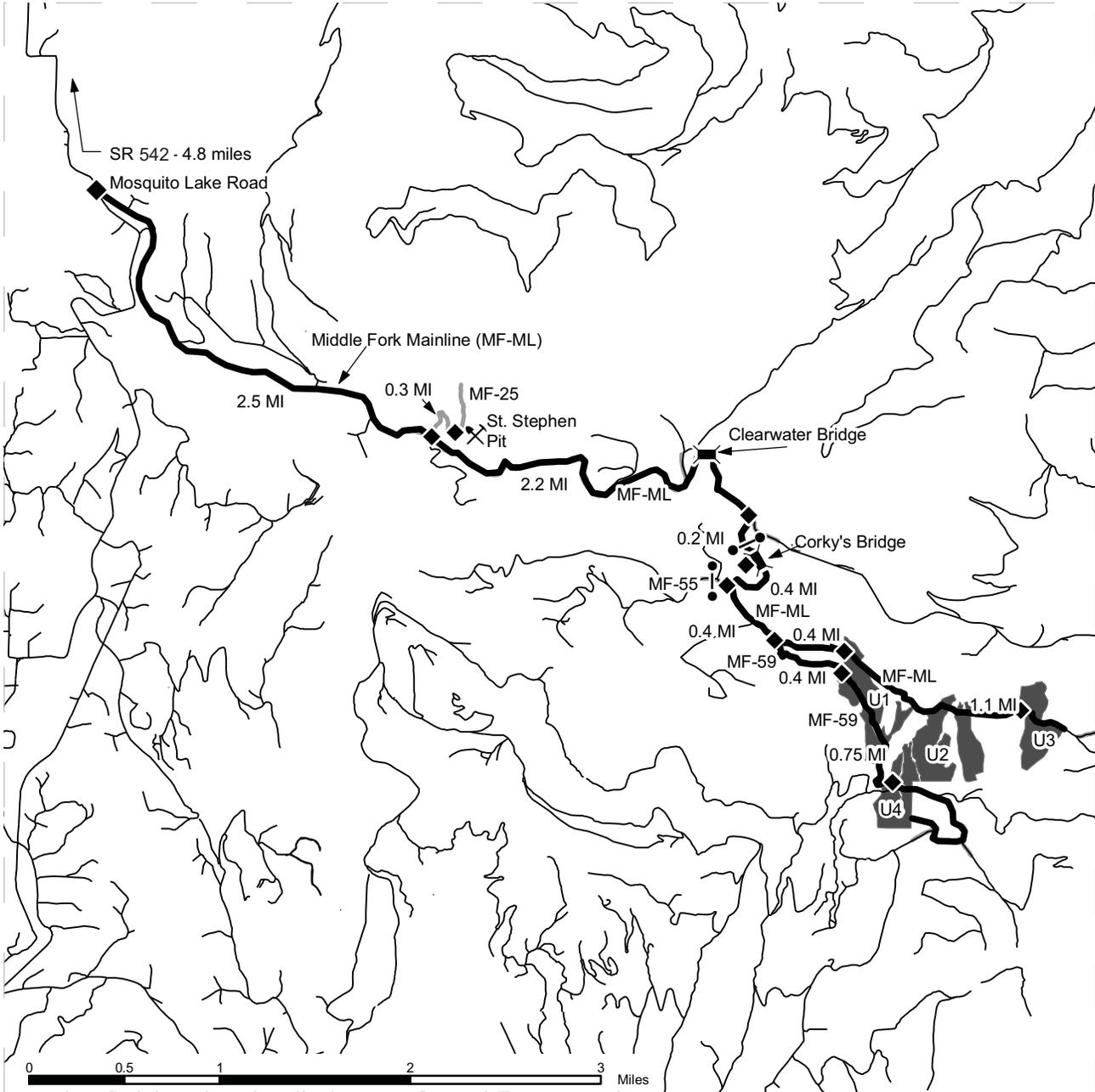


DNR Managed Lands	Sale Area	<b>Road Construction Types</b>
Public Land Survey Sections	Sale Boundary Tags	Required
Open Water	Right-of-Way tags	Optional
Steam	Sale Boundary (Cut edge/ reprod)	Required Reconstruction
Stream Type Break	Rock Pit	Bridge
RMZ	Leave Tree Area	Active Roads
Wetland	Waste Area	Survey Corner

# DRIVING MAP

**SALE NAME:** RIPPLE VDT & VRH  
**AGREEMENT#:** 86671  
**TOWNSHIP(S):** T38R06E  
**TRUST(S):** Common School and Indemnity(3)

**REGION:** Northwest Region  
**COUNTY(S):** WHATCOM  
**ELEVATION RGE:** 1345-2705



<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; margin-right: 5px;"></span> Timber Sale Unit</li> <li><span style="display: inline-block; width: 20px; border-bottom: 2px solid black; margin-right: 5px;"></span> Ripple Haul Route</li> <li><span style="display: inline-block; width: 20px; border-bottom: 2px solid red; margin-right: 5px;"></span> Highways</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; transform: rotate(45deg); margin-right: 5px;"></span> Distance Indicator</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; transform: rotate(45deg); margin-right: 5px;"></span> Rock Pit</li> </ul>	<p><b>DRIVING DIRECTIONS:</b></p> <p>From Deming, travel 4.4 miles east on Hwy 542 to Mosquito Lake Rd. Turn right on to Mosquito Lake Rd, travel south 4.8 miles to Forest Service Rd. 38, also known as Middle Fork Nooksack River Mainline (MF-ML). Turn left, travel east 2.5 miles, turn left (north) onto the MF-25 for the St. Stephen rock pit. Continue traveling east for the harvest unit 2.2 miles and stay right on the MF-ML, travel 0.2 miles to the existing gate and bridge. Pass through the gate, travel 0.8 miles to the MF-59. Continue on the MF-ML 0.4 miles to the NW portion of Unit 1. Continue 1.1 miles thru U1 and U2 to U3 on the MF-ML. Continue on the MF-59 0.4 miles to the west edge of Unit 1. Continue 0.75 miles on the MF-59, thru Unit1, to Unit 2 and Unit 4.</p>
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**TIMBER NOTICE OF SALE**

**SALE NAME:** BLUE JAY

**AGREEMENT NO:** 30-086777

**AUCTION:** October 27, 2011 starting at 10:00 a.m., **COUNTY:** Klickitat, Yakima  
Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 2 miles northeast of Glenwood, Washington

**PRODUCTS SOLD  
AND SALE AREA:**

All timber greater than 13" dbh not marked with blue paint, and purchaser select trees less than 13" dbh as prescribed in Schedule A in Unit 1, bounded by red flagging and timber sale boundary tags. All timber marked with blue paint, and purchaser select trees less than 20" dbh as prescribed in Schedule A in Unit 2, bounded by red flagging and timber sale boundary tags. All timber marked with blue paint in Units 3 and 4, bounded by red flagging and timber sale boundary tags on part(s) of Sections 1 and 3 all in Township 6 North, Range 12 East, Sections 34, 35 and 36 all in Township 7 North, Range 12 East, W.M., containing 692 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative Standard (cert no: BV-SFIS-US09000572)

**ESTIMATED SALE VOLUMES AND QUALITY:**

Species	Avg Ring DBH Count	Total MBF	Total Tons	Price \$/Ton	MBF by Grade									
					1P	2P	3P	SM	1S	2S	3S	4S	UT	
Douglas fir	14	609	3,476	\$53.00						223	294	92		
Lodgepole	11	112	672	\$37.00							61	51		
Grand fir	15	107	634	\$37.00						3	85	19		

Species	Avg Ring DBH Count	Total MBF	Total Tons	Price \$/Ton	MBF by Grade						UT		
					P	SM	1S	2S	3S	4S		5S	6S
Ponderosa pine	12	3,542	18,132	\$13.70						1,182	2,361		
Sale Total		4,370	22,914										

**MINIMUM BID:** \$13.7/ton (est. value \$480,000.00) **BID METHOD:** Sealed Bids

**PERFORMANCE SECURITY:** \$96,000.00 **SALE TYPE:** Tonnage Scale

**EXPIRATION DATE:** October 31, 2013 **ALLOCATION:** Export Restricted

**BIDDABLE SPECIES:** Ponderosa pine

**BID DEPOSIT:** \$48,000.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

**HARVEST METHOD:** Ground based harvesting and yarding equipment shall be used to harvest all units of this timber sale. Falling and Yarding will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator. Falling and yarding in Units 3 and 4 shall be restricted to between August 1 through October 31.

**ROADS:** 2.00 stations of required reconstruction. 195.69 stations of required prehaul maintenance. Road construction will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator. The hauling of forest products will not be

## TIMBER NOTICE OF SALE

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permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator.

### **ACREAGE DETERMINATION**

**CRUISE METHOD:** All the units were traversed with a Trimble gps unit. Unit 1 had a 2 acre utility ROW removed from the gross acreage. Unit 3 has 5 separate special management zones totalling 11.7 acres removed from the gross acreage. These are tagged out of the sale unit with blue special management area tags. These areas are shown on the timber sale map as voids within the overall boundary.

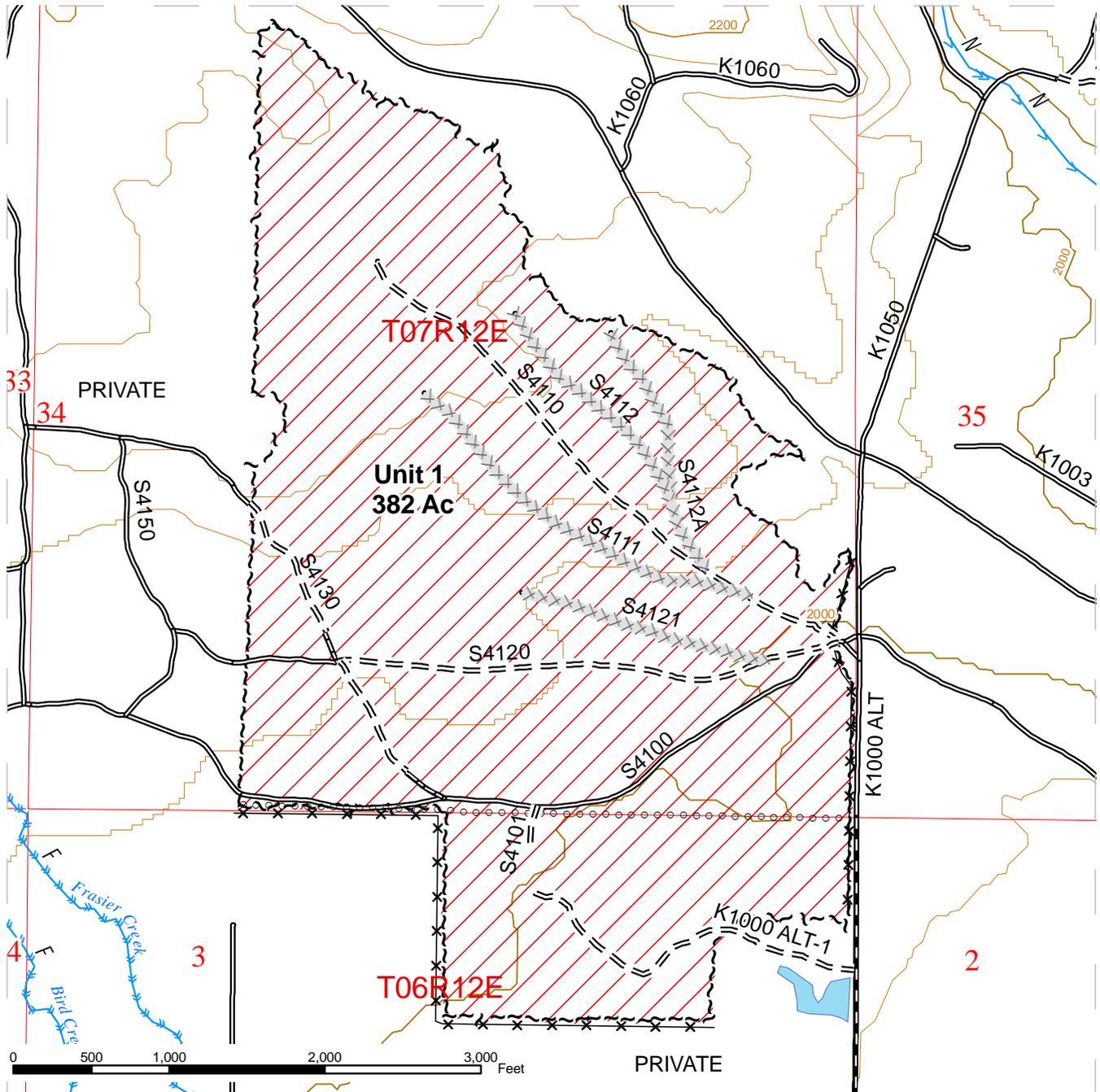
**FEES:** \$57,902.00 is due on day of sale. \$1.72 per ton is due upon removal. These are in addition to the bid price.

### **SPECIAL REMARKS:**

# TIMBER SALE MAP

**SALE NAME:** Blue Jay  
**AGREEMENT#:** 30-086777  
**TOWNSHIP(S):** T6N R12E, T7N R12E  
**TRUST(S):** Common School/Indemnity (03), CEP&RI (06), Normal School (08), Scientific School (10)

**REGION:** Southeast  
**COUNTY(S):** Yakima, Klickitat  
**ELEVATION RGE:** 1800-2160 ft



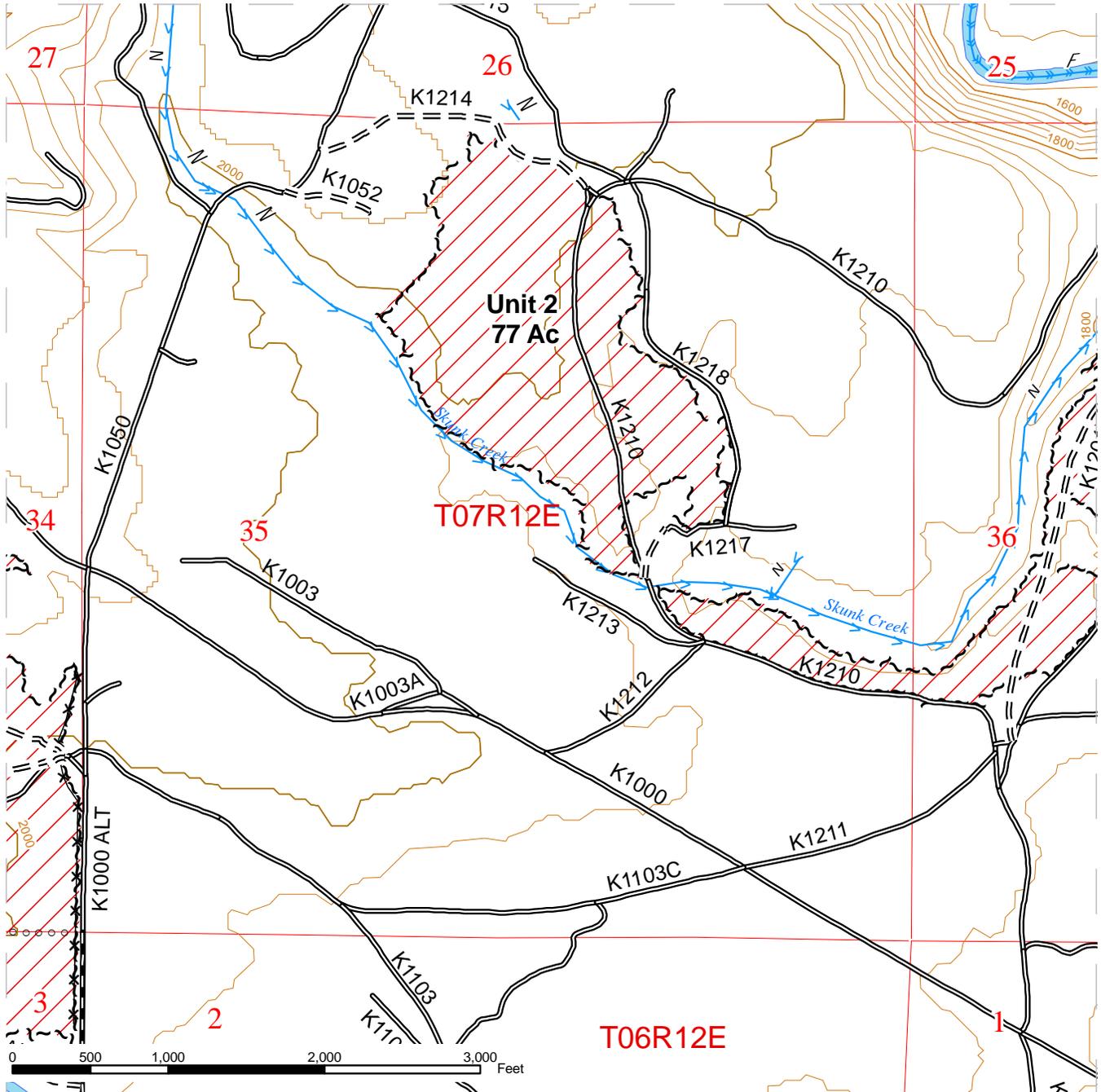
Timber Sale Area	Existing Road	F (Fish)
DNR Managed Lands	County Road	N (Non-fish)
Public Land Survey Sections	Reconstruction	Unknown or Unmodeled
Fence to Protect	Pre-haul Maintenance	Forest Wetland
Waterline Right-of-way	Decommissioned	Equipment Limitation Zone



# TIMBER SALE MAP

**SALE NAME:** Blue Jay  
**AGREEMENT#:** 30-086777  
**TOWNSHIP(S):** T6N R12E, T7N R12E  
**TRUST(S):** Common School/Indemnity (03), CEP&RI (06), Normal School (08)

**REGION:** Southeast  
**COUNTY(S):** Yakima, Klickitat  
**ELEVATION RGE:** 1800-2160 ft

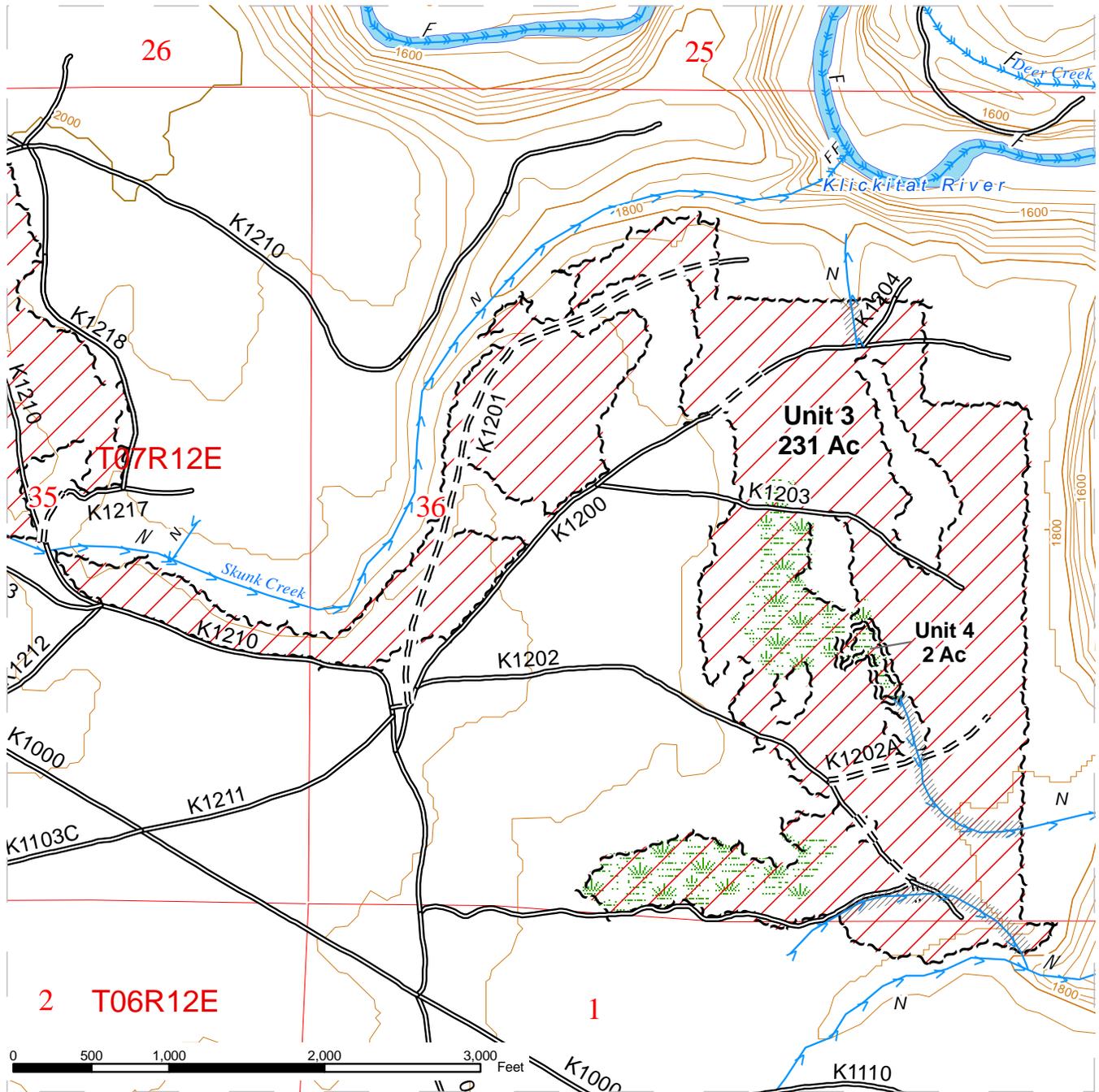


Timber Sale Area	Existing Road	F (Fish)
DNR Managed Lands	County Road	N (Non-fish)
Public Land Survey Sections	Reconstruction	Unknown or Unmodeled
Fence to Protect	Pre-haul Maintenance	Forest Wetland
Waterline Right-of-way	Decommissioned	Equipment Limitation Zone

# TIMBER SALE MAP

**SALE NAME:** Blue Jay  
**AGREEMENT#:** 30-086777  
**TOWNSHIP(S):** T6N R12E, T7N R12E  
**TRUST(S):** Common School/Indemnity (03), CEP&RI (06), Normal School (08), Scientific School (10)

**REGION:** Southeast  
**COUNTY(S):** Yakima, Klickitat  
**ELEVATION RGE:** 1800-2160 ft

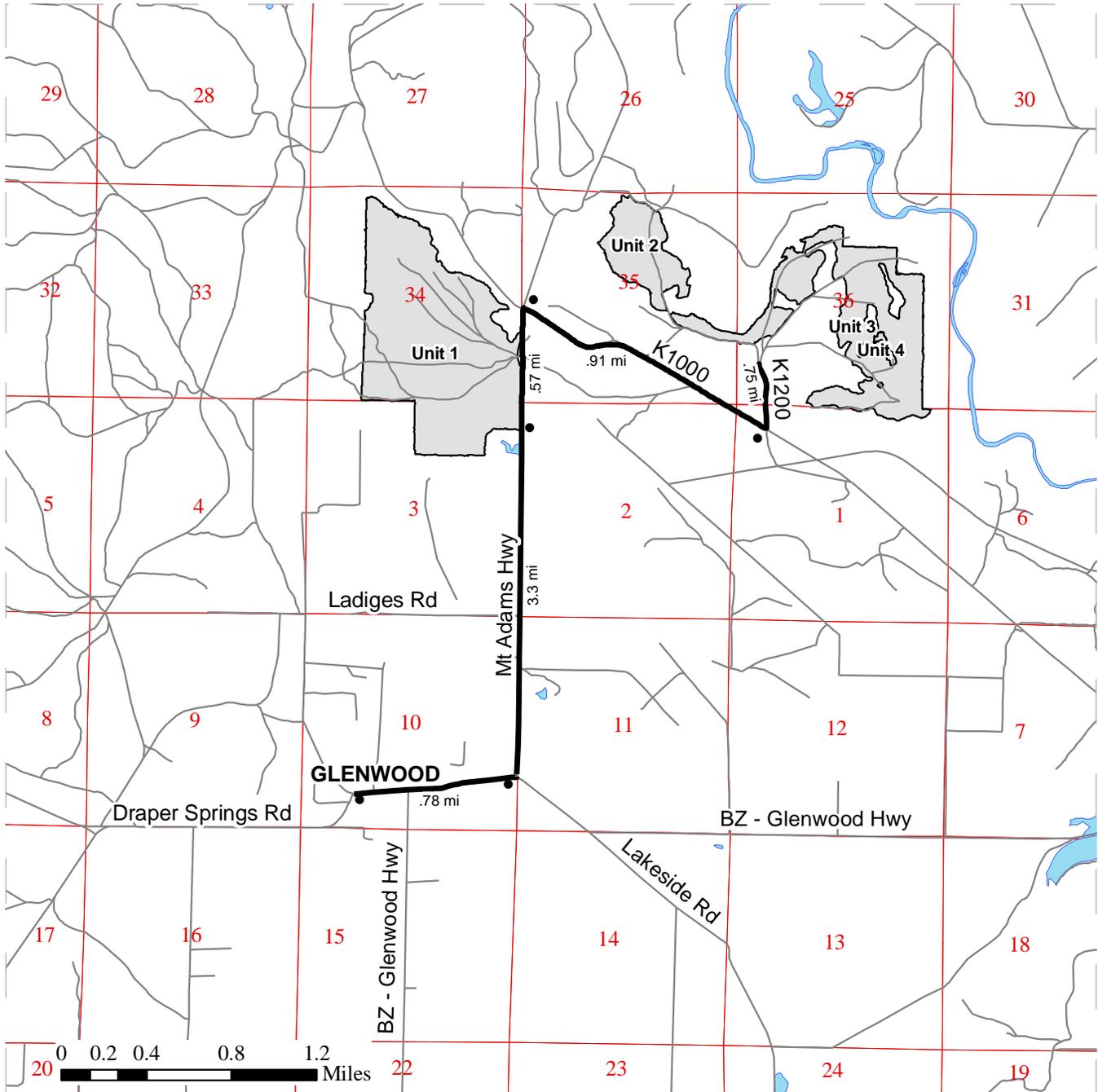


Timber Sale Area	Existing Road	F (Fish)
DNR Managed Lands	County Road	N (Non-fish)
Public Land Survey Sections	Reconstruction	Unknown or Unmodeled
Fence to Protect	Pre-haul Maintenance	Forest Wetland
Waterline Right-of-way	Decommissioned	Equipment Limitation Zone

# DRIVING MAP

**SALE NAME:** Blue Jay  
**AGREEMENT#:** 30-086777  
**TOWNSHIP(S):** T6N R12E, T7N R12E  
**TRUST(S):** Common School/Indemnity(03), CEP&RI (06), Normal School (08), Scientific School (10)

**REGION:** Southeast  
**COUNTY(S):** Yakima, Klickitat  
**ELEVATION RGE:** 1800-2160 ft



- Timber Sale Area
- Haul route
- Open Water
- Road Mileage Distance Indicator

**DRIVING DIRECTIONS:**

From Glenwood, drive east 0.78 miles to Mt. Adams Hwy. Head north for 3.3 miles to Unit 1. Continue 0.57 miles to the K1000, head southeast for 0.91 miles to the junction of K12000. Head north on K1200 for 0.75 miles to junction of K1202 and K1210. Turn left of the K1210 for Units 2 and 3. Continue northeast on K1200 to Unit 3. Turn right on K1202 to Unit 4.

