

State of Washington

Department of Natural Resources

Peter Goldmark, 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
March 2016 Board Meeting

Attached is a Timber Sale Packet scheduled for auction the week of April 26 – 28, 2016. This packet will be presented to the Board of Natural Resources at the March 1, 2016 Board Meeting.

SUMMARY OF PROPOSED BOARD SALES

APRIL 2016

FY16

No.	County	Region	FSC®		Sale Name	Species	Acres	Harvest Type	Volume MBF/Acre	Value/MBF	Total MBF	Total Minimum Bid Value
			Agree #	Trust								
1	Clallam	OLY	93140	03-29%,04-69%,07-2%	CHUM	WW-55%,DF-44%,RC-1%	211	Variable Retention	32	\$156	6,762	\$1,054,000
2	Cowlitz	PC	93309	01-30%,03-32%,08-38%	SPLINTER SORTS	DF-75%,WW-24%,RA-1%	155	Variable Retention	34	\$542	5,276	\$2,861,271
3	Grays Harbor	SPS	92744	01-22%,02-3%,03-6%,42-69%	LYTTLES LEG VRH & VDT	DF-54%,WW-44%,RC-1%, RA-1%	192	Variable Retention 95% Variable Density 5%	57	\$254	10,864	\$2,763,000
4	Grays Harbor	PC	93154	03-100%	X FACTOR	WW-47%,DF-46%,RC-7%	155	Variable Retention	32	\$215	5,035	\$1,082,000
5	Pacific	PC	92824	01-25%,03-75%	SAWMILL THINNING	DF-72%,WW-28%	185	Commercial Thinning	5	\$51	878	\$45,000
6	Skagit	NW	91190	01-100%	BLITZEN	WW-51%,RA-23%,DF-17%, RC-9%	94	Variable Retention	29	\$220	2,692	\$591,000
7	Skagit	NW	92631	01-90%,08-10%	RAVEN VRH & VDT	DF-73%,WW-20%,RC-6%	215	Variable Retention 86% Variable Density 14%	37	\$288	7,863	\$2,268,000
8	Snohomish	SPS	91789	01-100%	SIDEHILL SALMON	DF-80%,WW-8%,RA-7%, RC-5%	44	Variable Retention	41	\$209	1,799	\$376,000
9	Snohomish	NW	92303	01-85%,03-15%	DYNO VRH & VDT	DF-50%,WW-28%,RA-14%, RC-8%	116	Variable Retention 95% Variable Density 5%	33	\$93	3,880	\$360,000
10	Snohomish	NW	93095	01-100%	URSA MAJOR	WW-72%,DF-16%,RC-7%, RA-5%	50	Variable Retention	56	\$256	2,812	\$719,000
11	Whatcom	NW	93008	01-100%	MATTS BACKYARD	DF-95%,RA-4%,RC-1%	68	Variable Retention	22	\$266	1,465	\$390,000
Totals							1,485		33	\$254	49,326	\$12,509,271

Trust Codes:

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

Species Codes:

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

∞ 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

APRIL 2016

FY16

No.	County	Agreement #	Sale Name	Acres	Threshold Determination		ADDM	SEPA Comments
					DNS	MDNS		
1	Clallam	93140	CHUM	211		X		OFCo
2	Cowlitz	93309	SPLINTER SORTS	155		X		
3	Grays Harbor	92744	LYTTLES LEG VRH & VDT	192		X		
4	Grays Harbor	93154	X FACTOR	155		X		
5	Pacific	92824	SAWMILL THINNING	185		X		
6	Skagit	91190	BLITZEN	94	X			
7	Skagit	92631	RAVEN VRH & VDT	215		X		
8	Snohomish	91789	SIDEHILL SALMON	44		X		
9	Snohomish	92303	DYNO VRH & VDT	116		X		
10	Snohomish	93095	URSA MAJOR	50		X		
11	Whatcom	93008	MATTS BACKYARD	68		X		

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

TIMBER NOTICE OF SALE

SALE NAME: CHUM

AGREEMENT NO: 30-093140

AUCTION: April 27, 2016 starting at 10:00 a.m.,
Olympic Region Office, Forks, WA

COUNTY: Clallam

SALE LOCATION: Sale located approximately 8 miles northwest of Clallam Bay 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; bounded by timber sale boundary tags, a timber type change, and the S-1000 Road in Units 1, 6 and 7; by timber sale boundary tags and the S-1000 Road in Units 2, 3, 4 and 5; by timber sale boundary tags and a timber type change in Unit 8 on part(s) of Sections 16, 20, 29 and 30 all in Township 32 North, Range 13 West, W.M., containing 211 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program 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	15.9	6	3,487						1,095	1,952	422	19
Douglas fir	17.9	6	2,944						899	1,692	337	16
Spruce	21.1	5	219						148	65	6	1
Red cedar	15.7		54							47	6	1
Red alder	10		35							12	5	17
Silver fir	22		23						21		3	
Sale Total			6,762									

MINIMUM BID: \$1,054,000.00

BID METHOD: Sealed Bids

**PERFORMANCE
SECURITY:**

\$100,000.00

SALE TYPE: Lump Sum

EXPIRATION DATE: October 15, 2018

ALLOCATION: Export Restricted

BID DEPOSIT: \$105,400.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: 35% - Ground/65% - Cable. Rubber tire skidders may be allowed when conditions of clauses H-016, H-017 and H-040 can be met. 30' Equipment Limitation Zones on all typed water. Falling and yarding will not be allowed on weekends, state recognized holidays and prior to 6:00am and after 8:00pm on weekdays.

ROADS: 33.55 stations of optional construction. 20.35 stations of optional reconstruction. 293.46 stations of required pre-haul maintenance. 31.00 stations of optional pre-haul maintenance. Pre-haul maintenance, reconstruction and Road construction will not be permitted from October 15 to April 15 unless authorized in writing by the Contract Administrator; and on the S-1000 (from MP 4.020 - MP 5.140), S-1000J, S-1300, S-1400 (Units 4 and 5) rock and timber haul will also be restricted. There is a 72" required culvert installation required on the S-1000 Road (see road plan for details). The hauling of forest products will not be permitted from October 15 to April 15 unless authorized in writing by the Contract Administrator in Units 4 and 5

TIMBER NOTICE OF SALE

ACREAGE DETERMINATION

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

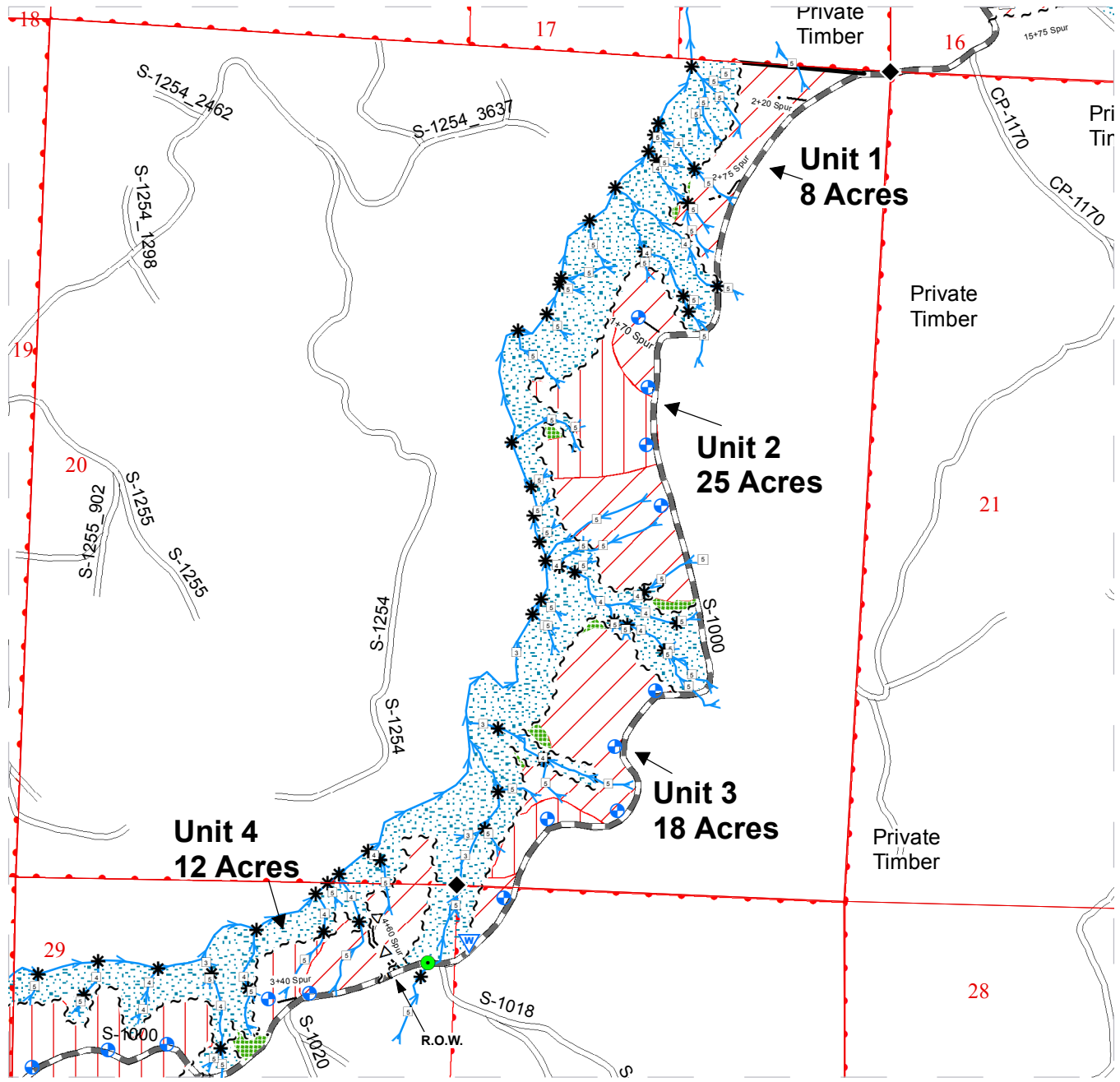
FEES: \$120,043.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: There is a locked gate on the Mary Clark Pit - contact the Olympic Region Dispatch at 360-374-2811 to obtain a AA-1 key.

TIMBER SALE MAP

SALE NAME: Chum
AGREEMENT#: 30-093140
TOWNSHIP(S): T32R13W
TRUST(S): Common School (3), Agricultural School (4) & Capitol Grant (7)

REGION: Clallam
COUNTY(S): Olympic
ELEVATION RGE: 330-1040'



0 500 1,000 2,000 Feet

All State Unless Otherwise Noted

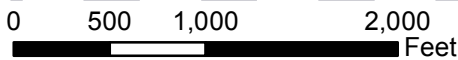
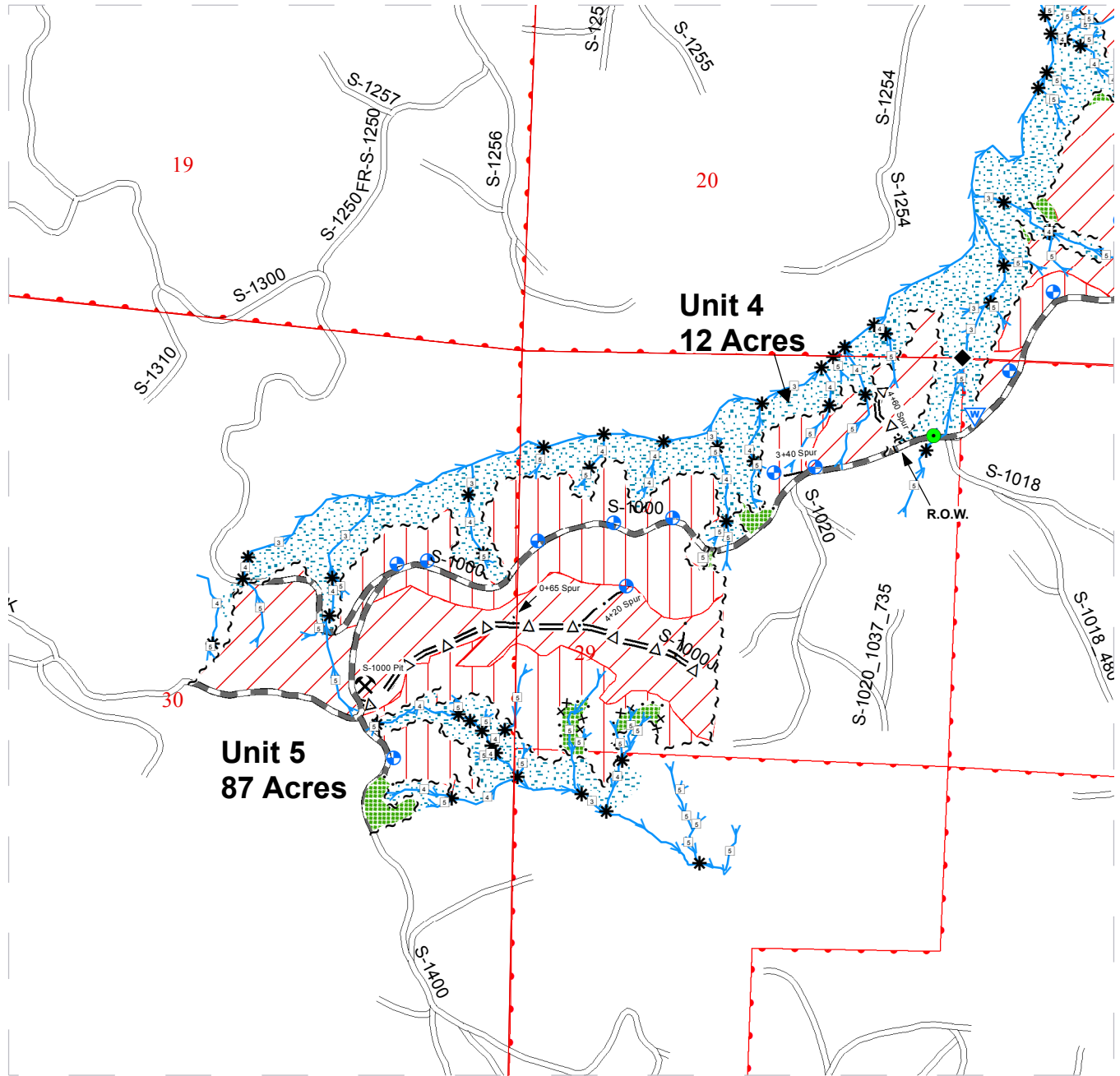
... x	Leave Tree Area Tags	· - -	Optional Construction		Ground
~ ~ ~	Timber Sale Boundary Tags	= Δ =	Optional Prehaul Maintenance		Cable
—	Timber Type Change	— □ —	Optional Reconstruction		Public Land Survey Sections
	Leave_Tree_Area	—	Required Prehaul Maintenance		DNR Managed Lands
	RMZ	~ ~ ~	Right of Way	◆	Monumented Survey Points
	Streams	—	Existing Roads		
	Culvert	□	Stream Type		
	Landing	*	Stream Type Break		
	Waste_Area				



TIMBER SALE MAP

SALE NAME: Chum
AGREEMENT#: 30-093140
TOWNSHIP(S): T32R13W
TRUST(S): Common School (3), Agricultural School (4) & Capitol Grant (7)

REGION: Clallam
COUNTY(S): Olympic
ELEVATION RGE: 330-1040'



All State Unless Otherwise Noted

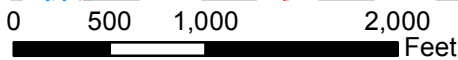
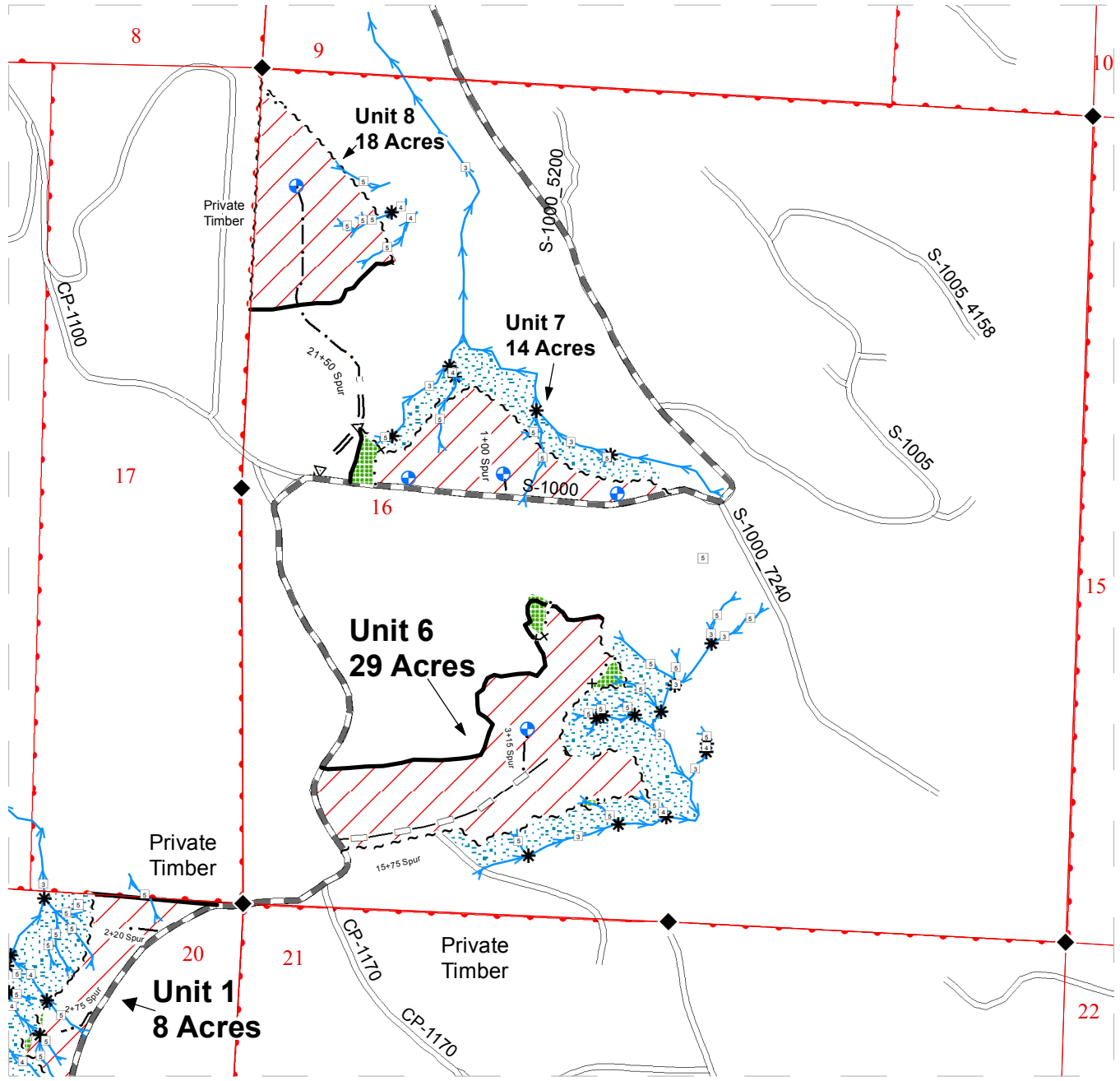
... x	Leave Tree Area Tags	· - -	Optional Construction		Ground
~ ~ ~	Timber Sale Boundary Tags	= Δ =	Optional Prehaul Maintenance		Cable
—	Timber Type Change	—	Optional Reconstruction		Public Land Survey Sections
	Leave_Tree_Area	—	Required Prehaul Maintenance		DNR Managed Lands
	RMZ	~ ~ ~	Right of Way		Monumented Survey Points
	Streams	—	Existing Roads		
	Culvert	□	Stream Type		
	Landing	*	Stream Type Break		
	Waste_Area				



TIMBER SALE MAP

SALE NAME: Chum
AGREEMENT#: 30-093140
TOWNSHIP(S): T32R13W
TRUST(S): Common School (3), Agricultural School (4) & Capitol Grant (7)

REGION: Clallam
COUNTY(S): Olympic
ELEVATION RGE: 330-1040'



All State Unless Otherwise Noted

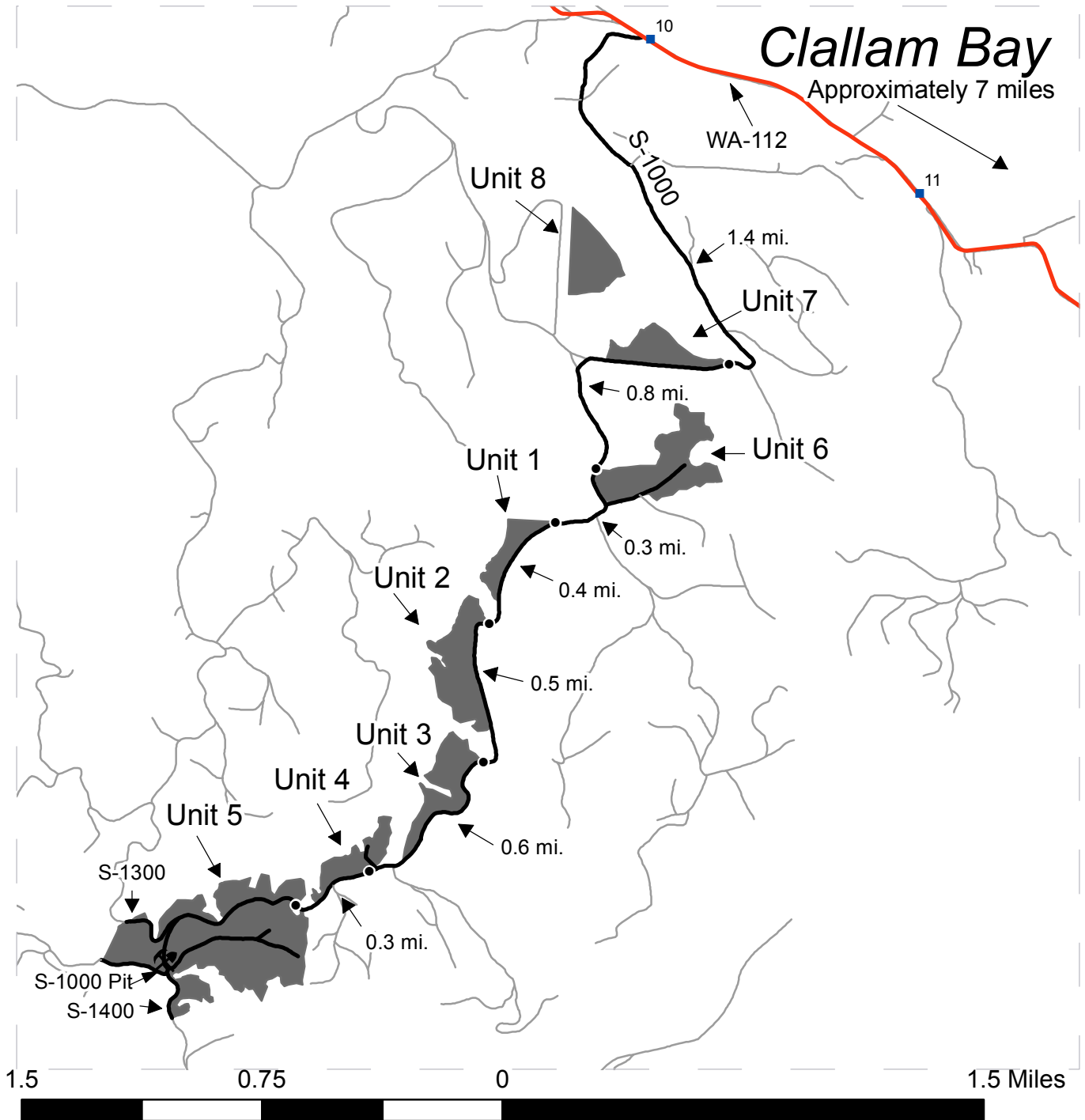
... x	Leave Tree Area Tags	· - -	Optional Construction		Ground
~ ~ ~	Timber Sale Boundary Tags	= Δ =	Optional Prehaul Maintenance		Cable
—	Timber Type Change	— □ —	Optional Reconstruction		Public Land Survey Sections
	Leave_Tree_Area	—	Required Prehaul Maintenance		DNR Managed Lands
	RMZ	~ ~ ~	Right of Way	◆	Monumented Survey Points
	Streams	—	Existing Roads		
	Culvert	□	Stream Type		
	Landing	*	Stream Type Break		
	Waste_Area				



DRIVING MAP

SALE NAME: Chum
AGREEMENT#: 30-093140
TOWNSHIP(S): T32R13W
TRUST(S): Common School (3), Agricultural School (4) & Capitol Grant (7)

REGION: Olympic Region
COUNTY(S): CLALLAM
ELEVATION RGE: 330-1040'



<ul style="list-style-type: none"> Timber Sale Unit Highways Haul Route Other Route Haul Route Milepost Markers Distance Indicator 	<p><u>DRIVING DIRECTIONS:</u></p> <p>From Clallam Bay travel on WA-112 West for approximately 7 miles. Near mile post 10, turn left onto the S-1000 road system. Unit 7 is 1.4 miles from the WA-112 W. Access into unit 8 will be constructed with the timbersale. Unit 8 is located approximately 0.2 miles northwest from unit 7. Travel south 0.8 miles to reach unit 6. From unit 6 travel south 0.3 mi. to reach unit 1. From unit 1 travel south 0.4 mi. to reach unit 2. From unit 2 travel south 0.5 mi. to reach unit 3. From unit 3 travel south 0.6 mi. to reach unit 4. From unit 4 travel south 0.3 mi. to reach unit 5. The S-1000 Pit is located within unit 5.</p>
---	--



TIMBER NOTICE OF SALE

SALE NAME: *SPLINTER SORTS*

AGREEMENT NO: 30-93310 - 30-93324

AUCTION: April 28, 2016 starting at 10:00 a.m.
Pacific Cascade Region Office, Castle Rock, WA

COUNTY: Cowlitz

SALE LOCATION: Sale located approximately 25 miles east of Woodland

**PRODUCTS SOLD
AND SALE AREA:**

All delivered timber described below, except leave trees bounded by yellow "Leave Tree Area" tags, individual leave trees marked with blue paint, individual leave trees marked with yellow paint, and all down timber greater than 36 inches diameter bounded by the following: white "Timber Sale Boundary" tags, reprod and the N-3070 road in Unit 1; white "Timber Sale Boundary" tags, reprod and the N-3050 road in Unit 2; white "Timber Sale Boundary" tags, pink flagging and reprod in Units 3 and 5; white "Timber Sale Boundary" tags, pink flagging, reprod and the N-3050 road in Unit 4; white "Timber Sale Boundary" tags, pink flagging, reprod, the N-3000, and the N-3024 roads in Unit 6; orange "Right of Way" tags in Unit 7 meeting the specifications described below; on parts of Sections 5, 6, and 8 all in Township 6 North, Range 4 East, Sections 31, and 32 all in Township 7 North, Range 4 East W.M., containing 155 acres, more or less.

MINIMUM BID AND ESTIMATED LOG VOLUMES:

Agreement #	Sort #	Species and Sort Specifications	Average Log Length	Estimated Volume		Tons Per MBF	Minimum Bid Delivered Prices		Total Appraised Value	Bid Deposit
				Mbf	Tons		\$/mbf	\$/Ton		
30-093310	1	DF 5"-7" dib	N/A	468	3744	8		\$55.00	\$205,920.00	\$20,592.00
30-093311	2	DF 8"-11" dib	28'	274	1863	6.8	\$525.00		\$143,850.00	\$14,385.00
30-093312	3	DF 12"-19"	28'	240	1248	5.2	\$550.00		\$132,000.00	\$13,200.00
30-093313	4	DF 20"+ dib	28'	215	1010	4.7	\$475.00		\$102,125.00	\$10,212.50
30-093314	5	DF HQ B+ 8"-11" dib	28'	540	3510	6.5	\$560.00		\$302,400.00	\$30,240.00
30-093315	6	DF HQ B+ 12"-19" dib	28'	1376	6880	5	\$575.00		\$791,200.00	\$79,120.00
30-093316	7	DF HQ B+ 20"+ dib	28'	180	810	4.5	\$575.00		\$103,500.00	\$10,350.00
30-093317	8	RA 7"+ dib	24'	38	274	7.2	\$600.00		\$22,800.00	\$2,280.00
30-093318	9	MA 8"+ dib	20'	17	122	7.2	\$400.00		\$6,800.00	\$680.00
30-093319	10	WW 5"-11" dib	28'	557	3788	6.8	\$425.00		\$236,725.00	\$23,672.50
30-093320	11	WW 12"+ dib	28'	645	3548	5.5	\$425.00		\$274,125.00	\$27,412.50
30-093321	12	DF Poles 60'+	N/A	567	2948	5.2	\$850.00		\$481,950.00	\$48,195.00
30-093322	13	DF Pulp 2"+ dib	N/A	81	1053	13		\$28.00	\$29,484.00	\$2,948.40
30-093323	14	WW Pulp 2"+ dib	N/A	53	689	13		\$28.00	\$19,292.00	\$1,929.20
30-093324	15	Hardwood Pulp 2"+ dib	N/A	25	325	13		\$28.00	\$9,100.00	\$910.00

Totals: **5276 31812** **\$2,861,271.00**

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



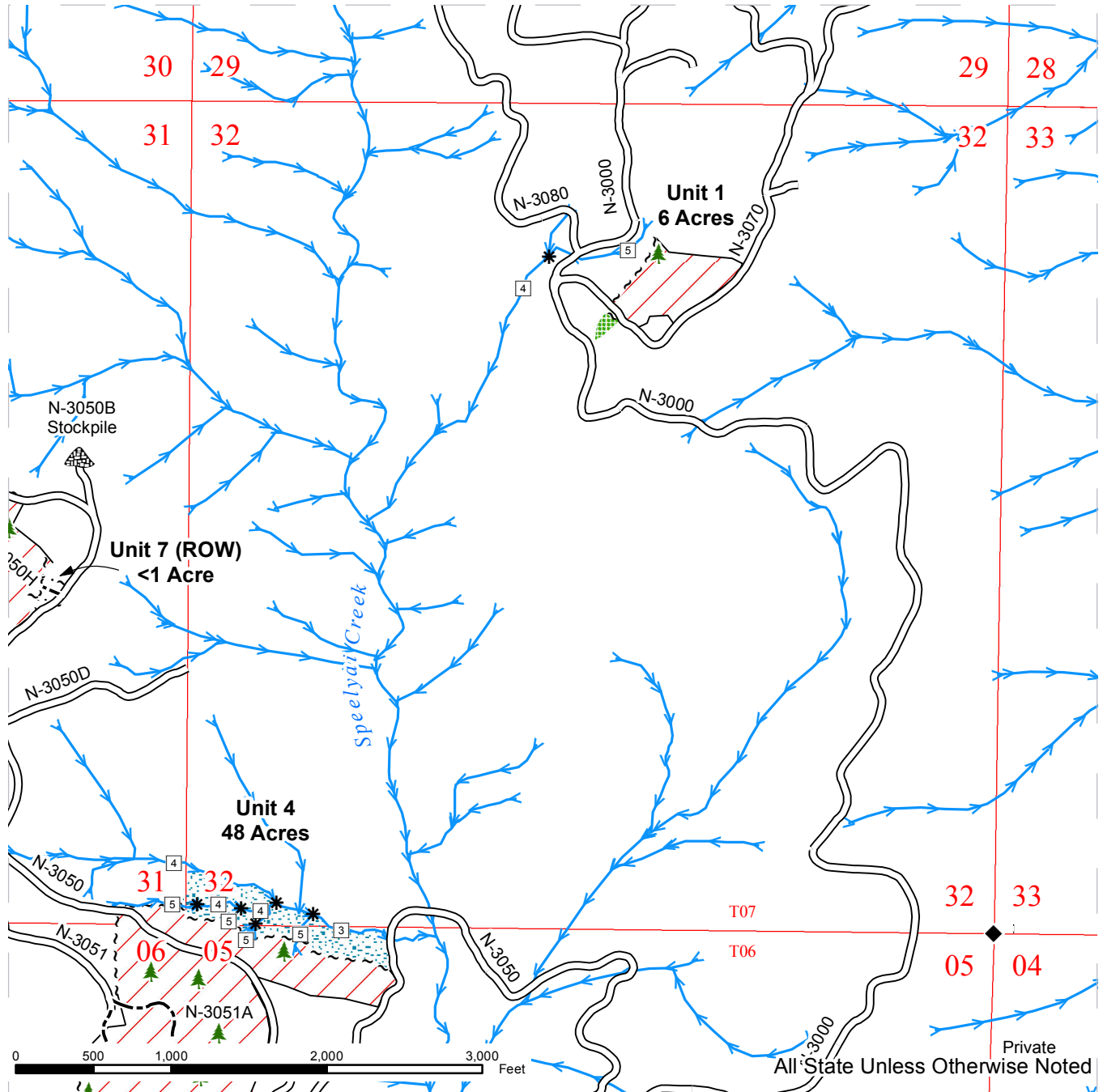
TIMBER NOTICE OF SALE

For more information regarding this log sort sale visit our web site:
<http://www.dnr.wa.gov/programs-and-services/product-sales-and-leasing/timber-sales/timber-auction-packets>. If you have questions call Keith Jones at the Pacific Cascade Region Office at (360)577-2025 or Steve Teitzel at the Product Sales and Leasing Division Office in Olympia at (360)902-1741.

TIMBER SALE MAP

SALE NAME: SPLINTER SORTS
AGREEMENT#: 30-093309
TOWNSHIP(S): T06NR04E & T07NR04E
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Normal School(8)

REGION: Pacific Cascade Region
COUNTY(S): Cowlitz
ELEVATION RGE: 1040 - 2320



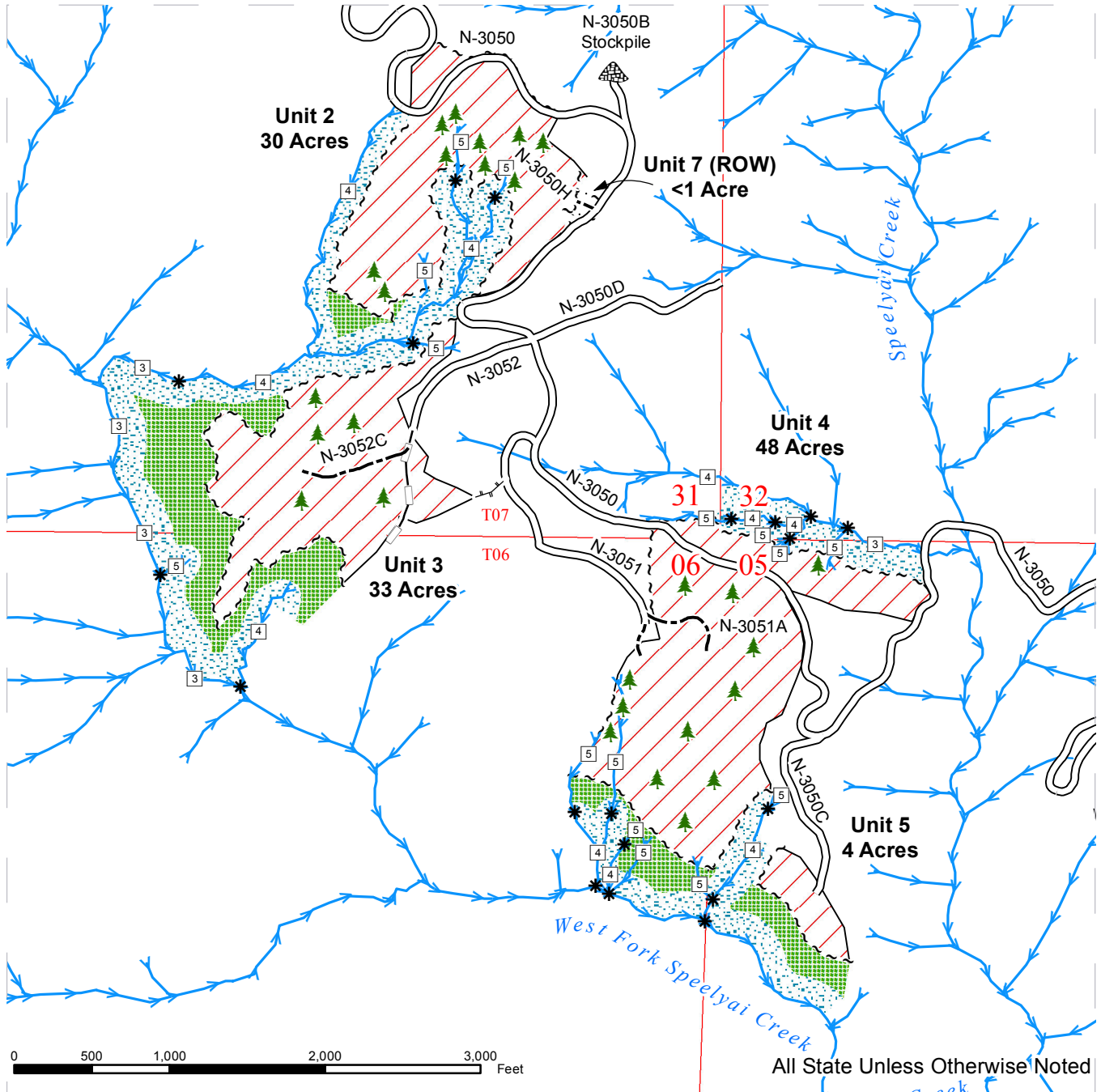
	Variable Retention Harvest		Reprod		Streams
	Leave Tree Area		Pit Area		Stream Type
	Riparian Mgt Zone		Existing Roads		Stream Type Break
	Wetland Mgt. Zone		Optional Skid Trail		Leave Trees
	Forested Wetland		Optional Construction		Stockpile
	Sale Boundary Tags		Optional Reconstruction		Monumented Corners
	Right of Way Tags		Optional Pre-Haul Maintenance		Existing Rock Pit
					Gate (PCP-1-1)



TIMBER SALE MAP

SALE NAME: SPLINTER SORTS
AGREEMENT#: 30-093309
TOWNSHIP(S): T06NR04E & T07NR04E
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Normal School(8)

REGION: Pacific Cascade Region
COUNTY(S): Cowlitz
ELEVATION RGE: 1040 - 2320



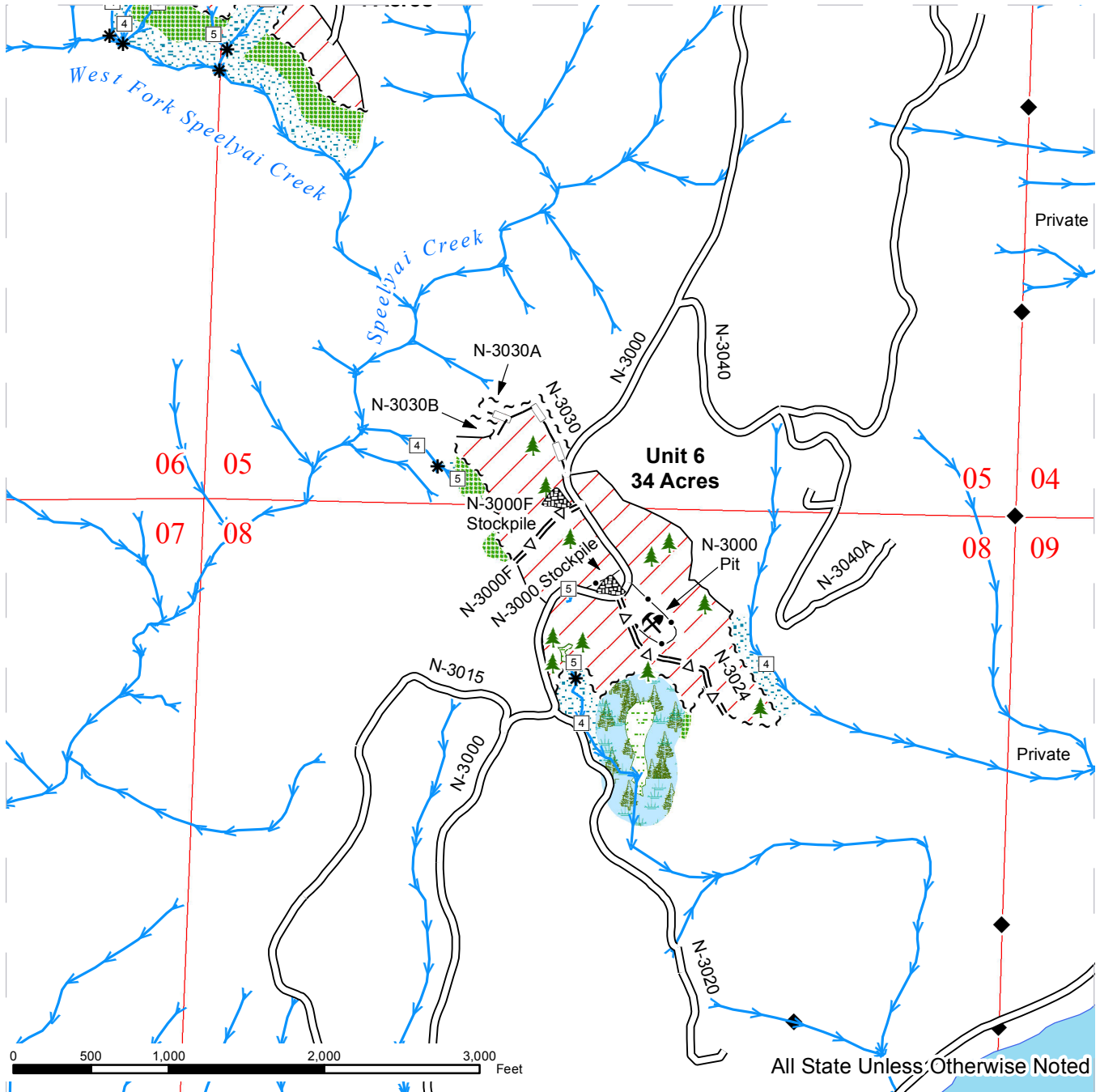
	Variable Retention Harvest		Reprod		Streams
	Leave Tree Area		Pit Area		Stream Type
	Riparian Mgt Zone		Existing Roads		Stream Type Break
	Wetland Mgt. Zone		Optional Skid Trail		Leave Trees
	Forested Wetland		Optional Construction		Stockpile
	Sale Boundary Tags		Optional Reconstruction		Monumented Corners
	Right of Way Tags		Optional Pre-Haul Maintenance		Existing Rock Pit
					Gate (PCP-1-1)



TIMBER SALE MAP

SALE NAME: SPLINTER SORTS
AGREEMENT#: 30-093309
TOWNSHIP(S): T06NR04E & T07NR04E
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Normal School(8)

REGION: Pacific Cascade Region
COUNTY(S): Cowlitz
ELEVATION RGE: 1040 - 2320



All State Unless Otherwise Noted

	Variable Retention Harvest		Reprod		Streams
	Leave Tree Area		Pit Area		Stream Type
	Riparian Mgt Zone		Existing Roads		Stream Type Break
	Wetland Mgt. Zone		Optional Skid Trail		Leave Trees
	Forested Wetland		Optional Construction		Stockpile
	Sale Boundary Tags		Optional Reconstruction		Monumented Corners
	Right of Way Tags		Optional Pre-Haul Maintenance		Existing Rock Pit
					Gate (PCP-1-1)



DRIVING MAP

SALE NAME: SPLINTER SORTS.

AGREEMENT#: 30-093309

TOWNSHIP(S): T06NR04E & T07NR04E.

TRUST(S): State Forest Transfer (1), Common School (3), Normal School (8).

REGION: Pacific Cascade.

COUNTY(S): COWLITZ.

ELEVATION RGE: 1040' - 2320'



- Timber Sale Unit
- Highways
- Other Route
- Haul Route
- Milepost Markers
- Gate (PCP-1-1)
- Distance Indicator
- Existing Rock Pit
- Stockpile

DRIVING DIRECTIONS:
 "SEE ATTACHMENT"



TIMBER NOTICE OF SALE

SALE NAME: *LYTLES LEG VRH & VDT*

AGREEMENT NO: *30-092744*

AUCTION: April 26, 2016 starting at 10:00 a.m., **COUNTY:** Grays Harbor
South Puget Sound Region Office, Enumclaw, WA

SALE LOCATION: Sale located approximately 8 miles northwest of Oakville

PRODUCTS SOLD AND SALE AREA:

All timber, except leave trees bounded out by yellow "Leave Tree Area" tags, and down timber existing more than 5 years from the day of sale, bounded by the following: white "Timber Sale Boundary" tags, blue "Special Management Area" tags, Upper Lytle Rock Pit marked with pink flagging, C-Line, and C-0600 roads in Unit #1; white "Timber Sale Boundary" tags, C-Line, C-1000, C-1100 and C-1101 roads in Unit #2; white "Timber Sale Boundary" tags in Units #3, #4 #5, and #6; white "Timber Sale Boundary" tags, blue "Special Management Area" tags, C-0620 and C-Line roads in Unit #7;

All timber, marked with orange paint bounded out by the following: white "Timber Sale Boundary" tags, blue "Special Management Area" tags, C-0600 and C-Line roads in Unit #8;

All right of way timber bounded by orange "Right of Way" tags in Units #9 - #11; all timber marked with orange paint bounded by "Right of Way" tags in Unit #12; on part(s) of Sections 23, 24 and 27 all in Township 17 North, Range 5 West, W.M., containing 195 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program 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	25.3	7	5,851				824		4,329	549	79	70
Hemlock	16.4	7	4,769				189		2,858	1,230	388	104
Red cedar	17.9		121							108	12	1
Red alder	12.9		87						16	20	48	3
Cottonwood	29.5		30						16			14
Maple	11.2		6						1		5	
Sale Total			10,864									

MINIMUM BID: \$2,763,000.00 **BID METHOD:** Sealed Bids

PERFORMANCE SECURITY: \$175,000.00 **SALE TYPE:** Lump Sum

EXPIRATION DATE: October 31, 2017 **ALLOCATION:** Export Restricted

BID DEPOSIT: \$276,300.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvesting activities are estimated to be 84% ground-based and 16% cable. Forest products sold under this contract shall be harvested and removed using cable and tracked ground based equipment, with tracked ground based equipment limited to sustained slopes 45% or less. Self-leveling shovels are restricted to sustained slopes of 55% or less.

TIMBER NOTICE OF SALE

Use of tracked skidders shall be allowed for pole and Unit #8 (VDT) yarding only, unless authority to use other equipment is granted in writing by the State. Yarding may be restricted during wet weather if rutting becomes excessive, per clause H-017.

Cutting, yarding and timer haul will not be permitted from:

- October 1st to April 30th in Unit #8,
- June 1st to September 30th in Units #4 and #10,
- November 1st to April 30th in Units #1, #2, #3, #5, #6, #7, #9, #11 and #12,

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, the purchaser shall be required to operate under a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's expense. Preventive measures required in the Winter Operating Plan must be put in place prior to commencing any winter operations.

ROADS:

66.12 stations of required construction. 8.34 stations of required reconstruction. 21.78 stations of optional construction. 370.06 stations of required pre-haul maintenance. 24.30 stations of required abandonment. 6.21 stations of required abandonment, if constructed. 15.57 stations of required decommissioning, if constructed. Purchaser maintenance on the B-0207, B-0280, C-Line, Spur 1, Spur 2, C-0060, C-0400, C-0410, C-0411, C-0600, C-0700, C-0710, C-1000, C-1100, C-1101 and C-1102 roads. Designated maintenance on all other roads used.

Road construction and rock haul will not be permitted from October 1st to April 30th, 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 October 1st to April 30th, the purchaser shall be required to operate under a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's expense. Preventive measures required in the Winter Operating Plan must be put in place prior to commencing any winter operations. Additional timing restrictions due to stream crossings, as stated in Road Plan clause 1-25.

ACREAGE DETERMINATION

CRUISE METHOD: Unit acreage was determined by traversing the boundaries by GPS. Right of way acreage was determined by multiplying length times width. GPS data files are available upon request by emailing audrey.mainwaring@dnr.wa.gov. See cruise narrative for cruise method.

FEES: \$192,836.00 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 high quality Douglas-fir and western hemlock.

This timber sale is a combination of seven variable retention harvest (VRH) units, one wetland management zone (WMZ) thinning unit, three right of way units and one daylighting unit. Units #1 through #7 are VRH, Unit #8 is a WMZ thinning unit that will be harvested by prescription as described in Schedule A of the contract. Units #9 through #11 are Right of Way units and Unit #12 is a daylighting unit. All take trees within Unit #8 are pre-marked with a single orange band around the tree.

Purchaser shall install a temporary State supplied 16 foot by 40 foot bridge on the C-0410 road at station 7+75. The bridge is available at the Mima Quarry. Purchaser must load, transport, and unload the bridge from and back to the Mima Quarry. See the road plan for additional details.

TIMBER NOTICE OF SALE

The operation period for instream work associated with the installation of the temporary bridge on the C-0410 Road will be limited to July 1 through September 30th.

The C-0710 road from station 0+00 to 15+96 shall be constructed and abandoned in one operating season between June 1 and September 30.

The C-0700 and C-1100 Roads must be constructed by October 31, 2016. See Road Plan section 1-20 for more details.

There are residual blue painted trees from a previous sale in all units. Blue painted trees are take trees, unless located within tagged leave tree area clumps.

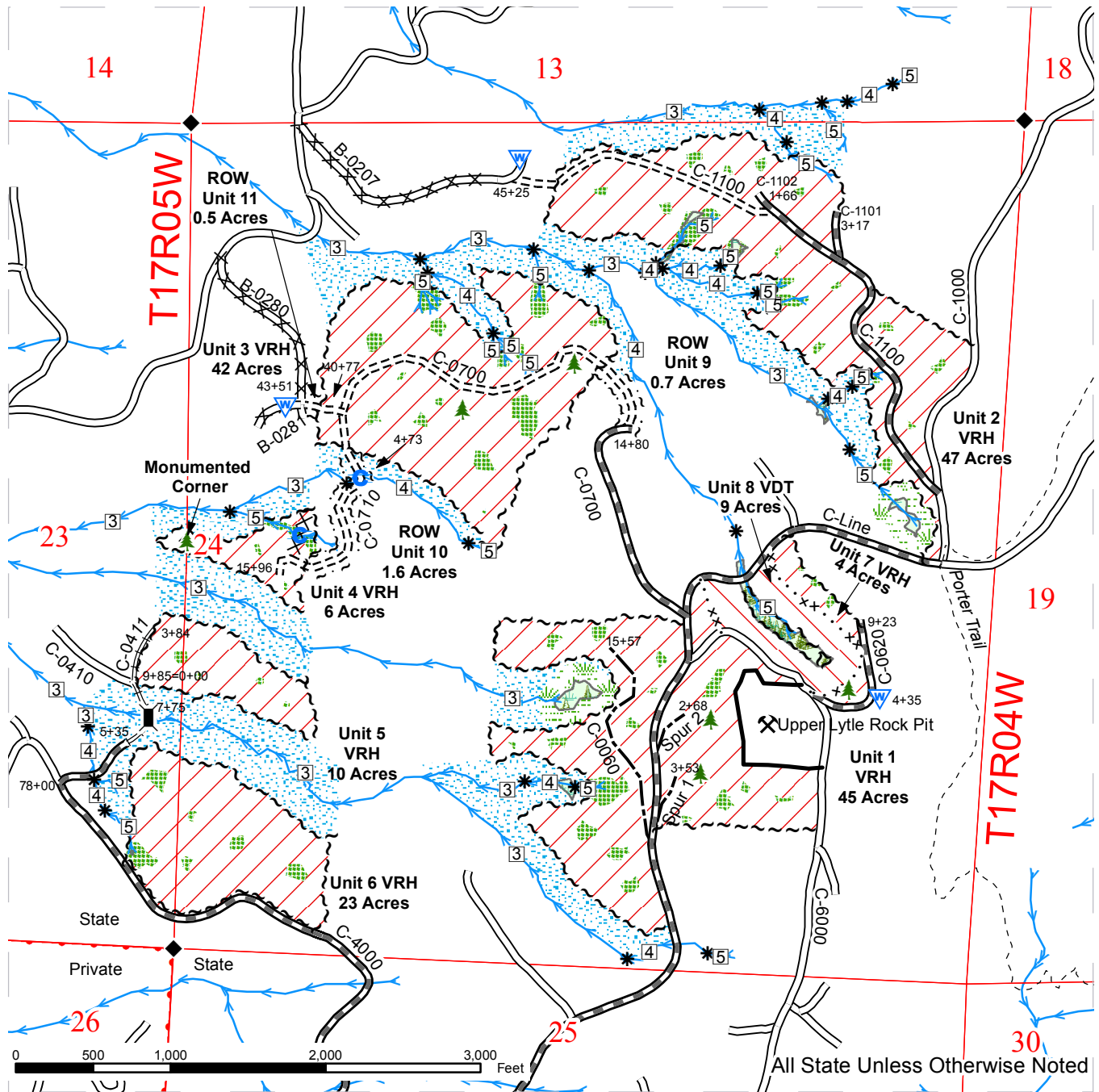
Rock pit expansion and development of the Upper Lytle Quarry is required, including manufacture of a 10,000 cy stockpile of 1 1/2 minus crushed rock.

A designated skid trail is marked with orange flagging in Unit 4. The Type 5 stream crossing with this designated skid trail requires a 24 inch temporary culvert.

TIMBER SALE MAP

SALE NAME: LYTLES LEG VRH & VDT
AGREEMENT#: 92744
TOWNSHIP(S): T17R05W
TRUST(S): State Forest Transfer(1), State Forest Purchase(2), Common School and Indemnity(3), Forest Board Repayment(42)

REGION: South Puget Sound Region
COUNTY(S): GRAYS HARBOR
ELEVATION RGE: 758-1485

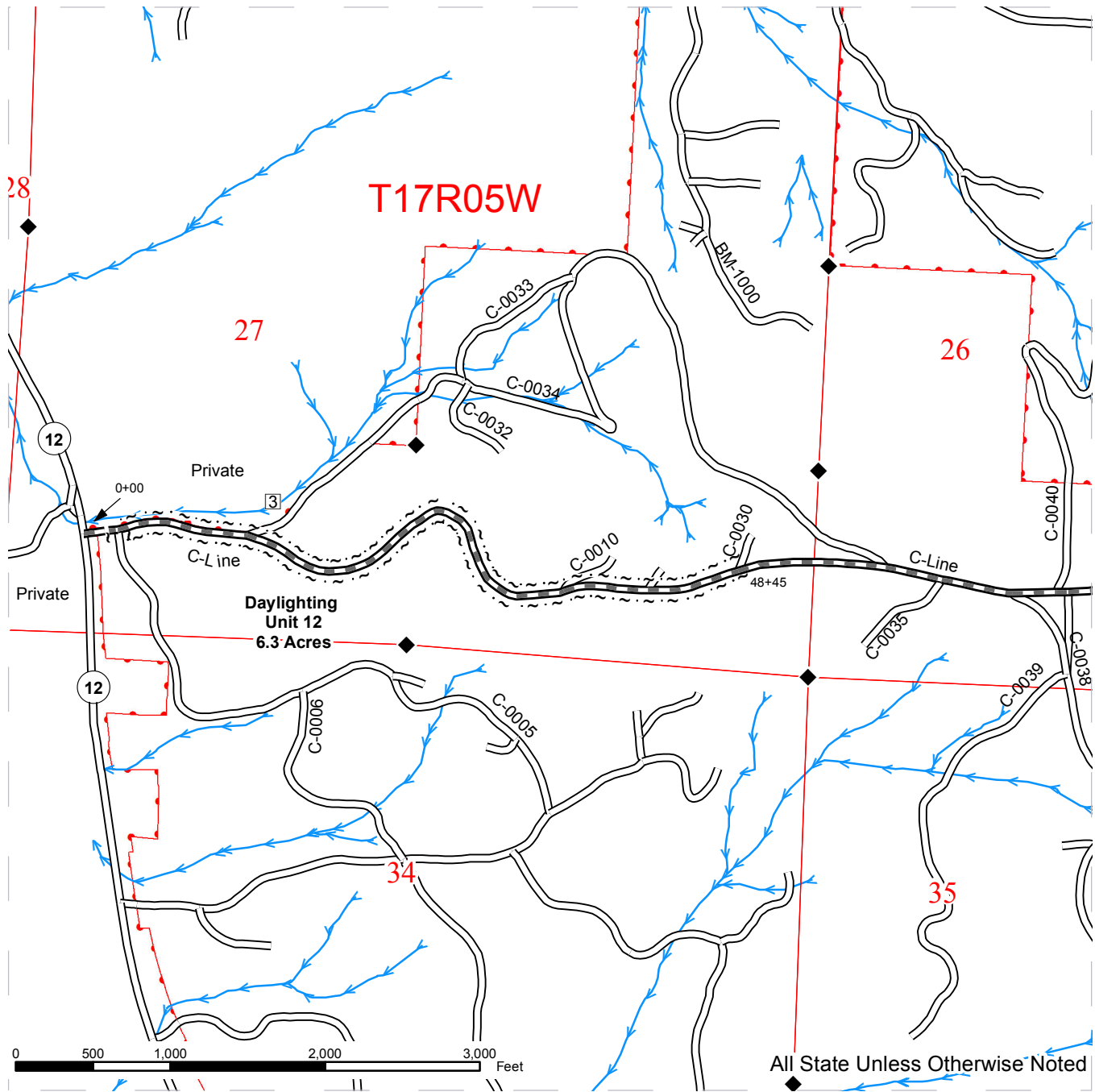


VRH Units	Blue "Special Mgt. Area" Tags	Streams
VDT Units	Rock Pit Boundary - marked with pink flagging	Stream Type
Leave Tree Area - marked with yellow "Leave Tree Area" tags	Existing Road	Stream Break
Riparian Mgt Zone	Optional Construction	Temporary Bridge Install
Wetland Mgt Zone	Required Construction	Culvert Installation
Forested Wetlands	Required Pre-Haul Maintenance	Waste Areas
White "Timber Sale Boundary" Tags	Required Reconstruction	Single Leave Trees - Marked with yellow "Leave Tree Area" tags
Orange "Right-of-Way" Tags	Non-drivable	Existing Rock Pit
	Designated Skid Trail - marked with orange flagging	Monumented Corners

TIMBER SALE MAP

SALE NAME: LYTLES LEG VRH & VDT
AGREEMENT#: 92744
TOWNSHIP(S): T17R05W
TRUST(S): State Forest Transfer(1), State Forest Purchase(2), Common School and Indemnity(3), Forest Board Repayment(42)

REGION: South Puget Sound Region
COUNTY(S): GRAYS HARBOR
ELEVATION RGE: 758-1485

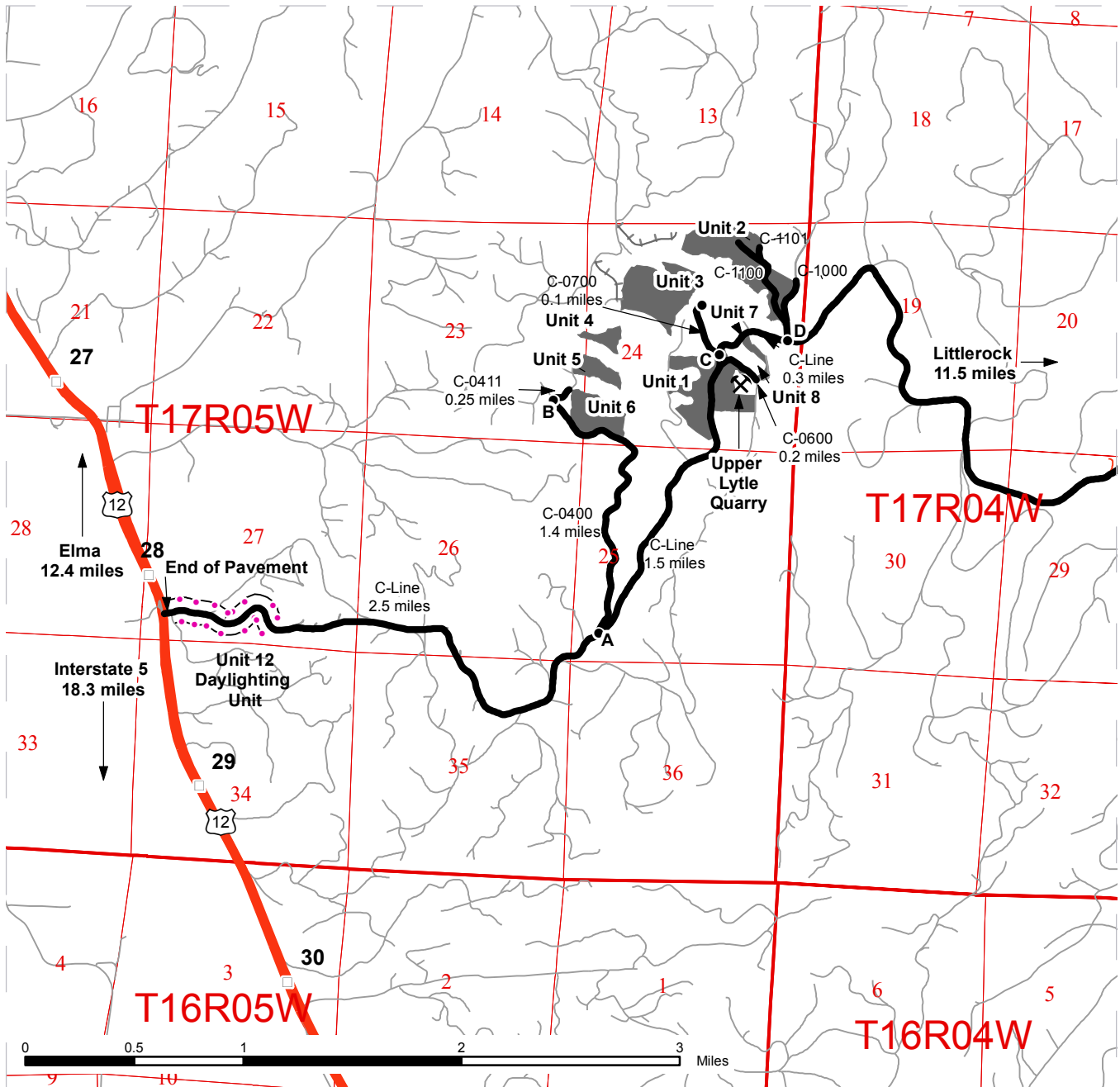


VRH Units	Blue "Special Mgt. Area" Tags	Streams
VDT Units	Rock Pit Boundary - marked with pink flagging	Stream Type
Leave Tree Area - marked with yellow "Leave Tree Area" tags	Orange "Right-of-Way" Tags	Stream Break
Riparian Mgt Zone	Existing Road	Temporary Bridge Install
Wetland Mgt Zone	Optional Construction	Culvert Installation
Forested Wetlands	Required Construction	Waste Areas
White "Timber Sale Boundary" Tags	Required Pre-Haul Maintenance	Single Leave Trees - Marked with yellow "Leave Tree Area" tags
	Required Reconstruction	Existing Rock Pit
	Designated Skid Trail - marked with orange flagging	Monumented Corners

DRIVING MAP

SALE NAME: LYTLES LEG VRH & VDT
AGREEMENT#: 92744
TOWNSHIP(S): T17R05W
TRUST(S): State Forest Transfer(1), State Forest Purchase(2), Common School and Indemnity(3), Forest Board Repayment(42)

REGION: South Puget Sound Region
COUNTY(S): GRAYS HARBOR
ELEVATION RGE: 758-1485



- Timber Sale Unit
- Highways
- Haul Route
- Other Route
- Abandoned Roads
- Daylighting
- Milepost Markers
- Distance Indicator
- Existing Rock Pit

Driving Directions:

From US Highway 12 at milepost 28, turn east onto the C-Line road and follow for 2.5 miles (indicator A).

From indicator A to units:

Unit 1: Continue on the C-Line for 1.5 miles to indicator C. C-Line divides the unit. Unit boundary starts at 1.1 miles.

Unit 2: Continue on the C-Line for 1.8 miles to indicator D and turn left onto the C-1000 and stay left for the C-1100.

Unit 3: Continue on the C-Line for 1.5 miles to indicator C. Turn left onto the C-0700 (walk into Unit 3).

Units 7 and 8: Continue on C-Line for 1.5 miles to indicator C. Turn right onto the C-0620, Unit 8 is on the left. Continue on the C-0620 for 0.2 miles and Unit 7 is on the left and Upper Lytle Quarry is on the right.

Unit 4 - 6: From indicator A, turn left onto the C-0400. Follow the C-0400 for 1 mile, Unit 6 will be on the right. Follow the C-0400 for another 0.4 miles and turn right onto the C-0411 and follow for 0.25 miles, Unit 5 is 0.13 miles and Unit 4 is 0.3 miles.

Mima Mounds Storage Area (Mima Pit)

From Interstate 5, take the Maytown exit (Exit 95) onto Maytown Rd SW and follow for 2.9 miles to Littlerock. Continue straight onto 128th Ave SW for 0.8 miles. Take a left (south) onto Mima Rd SW for 1.3 miles. Then turn right (west) onto Bordeaux Rd SW for 0.4 miles, and Mima Pit will be on your right.



TIMBER NOTICE OF SALE

SALE NAME: X FACTOR

AGREEMENT NO: 30-093154

AUCTION: April 28, 2016 starting at 10:00 a.m., **COUNTY:** Grays Harbor
Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 16 miles west of Oakville

**PRODUCTS SOLD
AND SALE AREA:**

All timber, except leave trees bounded by yellow Leave Tree Area tags, leave trees marked with blue paint, snags, and pre-existing stumps bounded by the following: Timber Sale Boundary tags, pink flagging, reprod, and the X-Line road in Unit 1; Timber Sale Boundary tags with pink flagging, and the X-Line road in Unit 2; Timber Sale Boundary tags with pink flagging, the X-1000, and the X-1400 roads in Unit 3; Timber Sale Boundary tags with pink flagging and the X-Line road in Unit 4; Timber Sale Boundary tags with pink flagging, reprod, the X-Line, and the X-5000 roads in Unit 5 on part(s) of Sections 2 and 10 all in Township 15 North, Range 6 West, W.M., containing 155 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program 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	23.6	7	2,296						1,787	338	77	94
Hemlock	18.7	7	2,277						1,488	580	131	78
Red cedar	15.7		322							245	76	1
Red alder	13.6		72						11		52	9
Spruce	20.4	7	68						46	13	6	4
Sale Total			5,035									

MINIMUM BID: \$1,082,000.00 **BID METHOD:** Sealed Bids

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

EXPIRATION DATE: October 31, 2018 **ALLOCATION:** Export Restricted

BID DEPOSIT: \$108,200.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable and Shovel. Harvesting activities are estimated to be 95% shovel and 5% cable. Shovel harvesting equipment is restricted to slopes of 40% and less. See Clause H-140 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. The X-Line will be closed for a period of time during the 2016 construction season for the installation of the fish passage structure. Shovel Yarding will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator.

ROADS: 1.91 stations of required reconstruction. 67.08 stations of optional construction. 27.98 stations of optional reconstruction. 196.92 stations of required pre-haul maintenance. Rock used in accordance with the quantities on the ROCK LIST shall be obtained from

TIMBER NOTICE OF SALE

any commercial source at the Purchaser's expense. Rock sources are subject to written approval by the Contract Administrator before their use. Rock for construction, reconstruction, and pre-haul maintenance under this contract may be obtained from the Sutton Rock Pit located in Section 22, T16N, R05W, W.M. Oakville, WA or Northwest Rock Inc. located in Section 19, T16N, R04W, W.M. Oakville, WA Road construction will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator. No road work shall occur on any weekends, or State recognized holidays. The hauling of forest products will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator on the X-Line

ACREAGE DETERMINATION

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

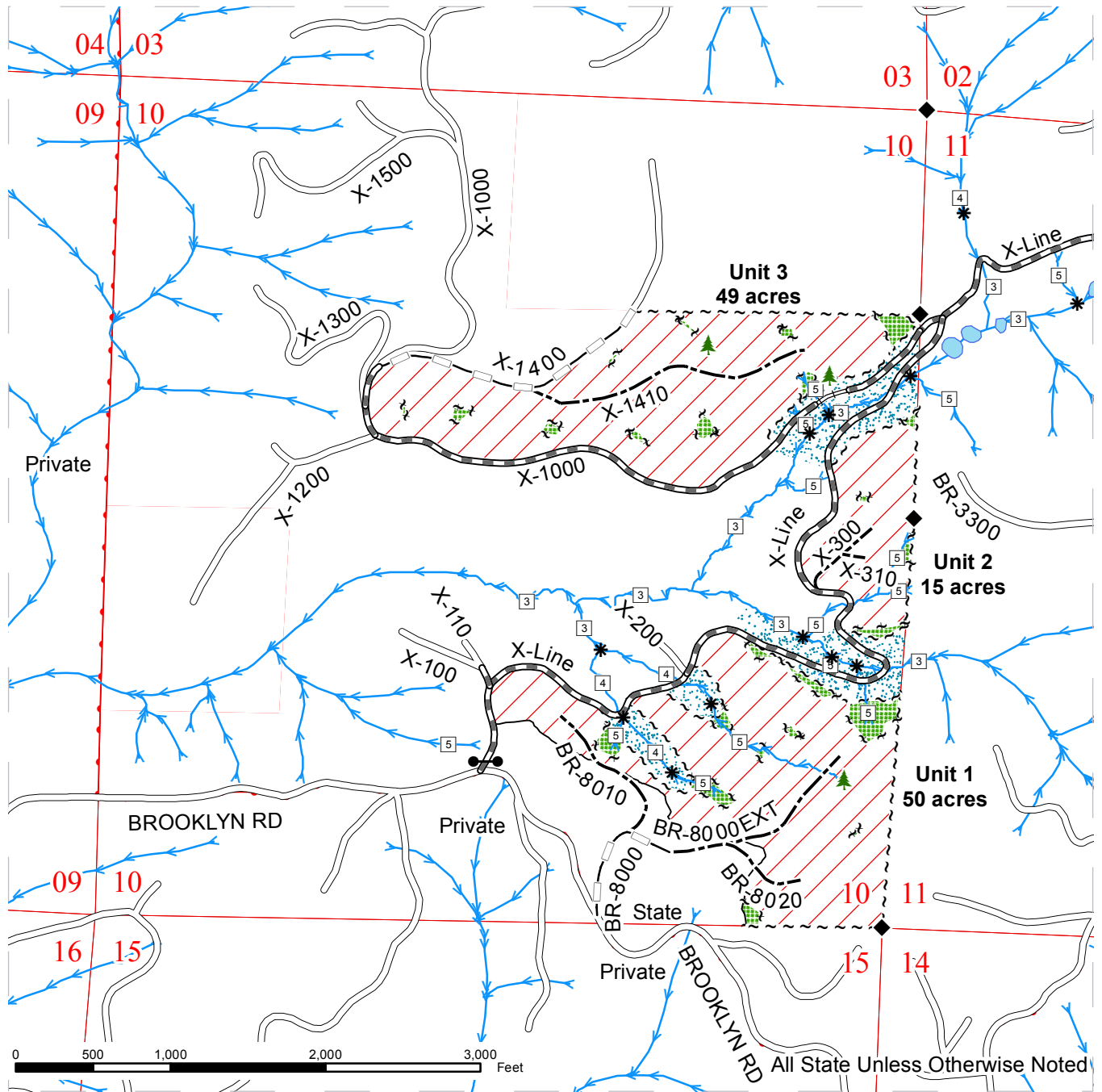
FEES: \$89,371.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale has approximately 568 MBF of High Quality 2 Saw western hemlock, 364 MBF of High Quality 3 Saw western hemlock, 274 MBF of High Quality 2 Saw Douglas-fir, ,58 MBF of High Quality 3 Saw Douglas-fir; see cruise for further details. See driving map for gate locations. PCP 1-1 gate keys may be obtained from the Pacific Cascade Region office.

TIMBER SALE MAP

SALE NAME: X FACTOR
AGREEMENT#: 30-093154
TOWNSHIP(S): T15R06W
TRUST(S): Common School and Indemnity(3)

REGION: Pacific Cascade Region
COUNTY(S): GRAYS HARBOR
ELEVATION RGE: 556-1013

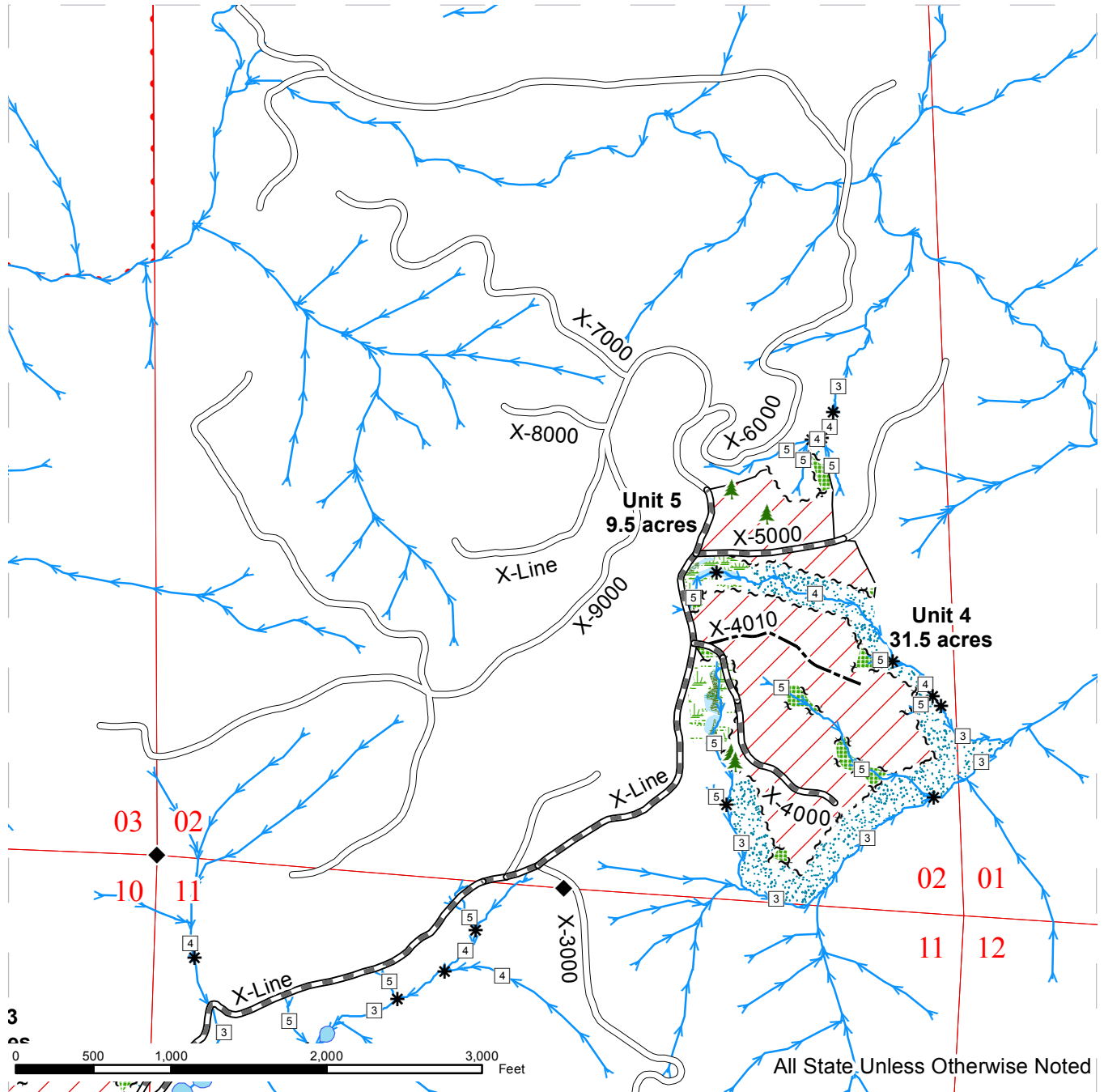


	Sale Area		Sale Boundary Tags		Streams
	Leave Tree Area		Leave Tree Tags		Stream Type
	Riparian Mgt Zone		Reprod		Stream Type Break
	Wetland Mgt Zone		Existing Roads		Monumented Corners
	Forested Wetland		Pre-Haul Maintenance		Leave Trees
			Required Reconstruction		Gate (PCP 1-1)
			Optional Reconstruction		
			Optional Construction		

TIMBER SALE MAP

SALE NAME: X FACTOR
AGREEMENT#: 30-093154
TOWNSHIP(S): T15R06W
TRUST(S): Common School and Indemnity(3)

REGION: Pacific Cascade Region
COUNTY(S): GRAYS HARBOR
ELEVATION RGE: 556-1013



	Sale Area		Sale Boundary Tags		Streams
	Leave Tree Area		Leave Tree Tags		Stream Type
	Riparian Mgt Zone		Reprod		Stream Type Break
	Wetland Mgt Zone		Existing Roads		Monumented Corners
	Forested Wetland		Pre-Haul Maintenance		Leave Trees
			Required Reconstruction		Gate (PCP 1-1)
			Optional Reconstruction		
			Optional Construction		



DRIVING MAP

SALE NAME: X FACTOR
AGREEMENT#: Not Defined.
TOWNSHIP(S): T15R06W
TRUST(S): Common School and Indemnity(3)

REGION: Pacific Cascade Region
COUNTY(S): GRAYS HARBOR
ELEVATION RGE: 556-1013



- Timber Sale Unit
- Highways
- Haul Route
- Other Route
- PCP 1-1
- Milepost Markers
- Distance Indicator

DRIVING DIRECTIONS:

From US Highway 12 (milepost 35) turn south onto State Street which becomes South Bank Road; follow for 1.9 miles over the Chehalis River bridge.
 Turn left on to Garrard Creek Road; follow for 3.5 miles to Brooklyn Road.
 Turn Right on Brooklyn Road; follow for 7.8 miles to the X-Line.
 Turn Right on the X-Line; follow for 0.1 miles to Unit 1 on the right.
 Continue 0.7 miles on the X-Line to Unit 2 on the right.
 Continue 0.5 miles on the X-Line to the intersection with X-1000, turn left on the X-1000 and follow for 0.3 miles to Unit 3 on the right, or; turn right continuing on the X-Line for 0.9 miles to the intersection with the X-4000, Unit 4 is on the right and can be accessed by the X-Line, the X-4000 or the X-4010, or; continue on the X-Line for 0.1 miles to the intersection with the X-5000, Unit 5 is on the right and can be accessed by the X-Line or the X-5000.



TIMBER NOTICE OF SALE

SALE NAME: SAWMILL THINNING

AGREEMENT NO: 30-092824

AUCTION: April 28, 2016 starting at 10:00 a.m., **COUNTY:** Pacific
Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 7 miles south of Menlo

PRODUCTS SOLD AND SALE AREA: All timber, except, leave trees as described in the Schedule A, down timber existing for 5 years or greater, and all down timber greater than 20 inches in diameter bound by the following: Timber Sale Boundary tags and the Sawmill Mainline in Unit 1 on part(s) of Sections 2 and 3 all in Township 12 North, Range 8 West, W.M., containing 185 acres, more or less.

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

ESTIMATED SALE VOLUMES AND QUALITY:

Species	Avg Ring DBH	Ring Count	Total MBF	Total Tons	Price \$/Ton	MBF by Grade								
						1P	2P	3P	SM	1S	2S	3S	4S	UT
Douglas fir	9.5	7	635	4,543	\$6.80							172	400	62
Hemlock	9.4		239	2,127	\$6.80							41	189	8
Red alder	9		4	34	\$2.00									4
Sale Total			878	6,704										

MINIMUM BID: \$6.8/ton (est. value \$45,000.00) **BID METHOD:** Sealed Bids

PERFORMANCE SECURITY: \$9,000.00 **SALE TYPE:** Tonnage Scale

EXPIRATION DATE: October 31, 2017 **ALLOCATION:** Export Restricted

BIDDABLE SPECIES: Combined Hemlock, Douglas fir

BID DEPOSIT: \$4,500.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Track skidder, Cable and Shovel. This sale is estimated to be 90% ground-based yarding and 10% Cable. Ground-based yarding is restricted to slopes of 40% or less and only during dry soil conditions. Refer to the Schedule A and RFRS Cutting Cards for leave tree specifications. Refer to the H-140 and H-141 clauses in the contract for additional harvesting specifications. Lead end suspension is required for all yarding activities.

ROADS: 19.90 stations of required construction. 35.75 stations of required reconstruction. 3.98 stations of optional construction. 36.90 stations of optional reconstruction. 39.10 stations of required pre-haul maintenance and 5.80 stations of required abandonment. Rock for construction, reconstruction, and pre-haul maintenance under this contract may be obtained from Sawmill Quarry located in Section 4, Township 12 North, Range 08 West, W.M., at no charge to the Purchaser. Rock used in accordance with quantities on the ROCK LIST may also be obtained from any commercial source at the Purchaser's expense and subject to approval in writing by the Contract Administrator before their use.

TIMBER NOTICE OF SALE

ACREAGE DETERMINATION

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

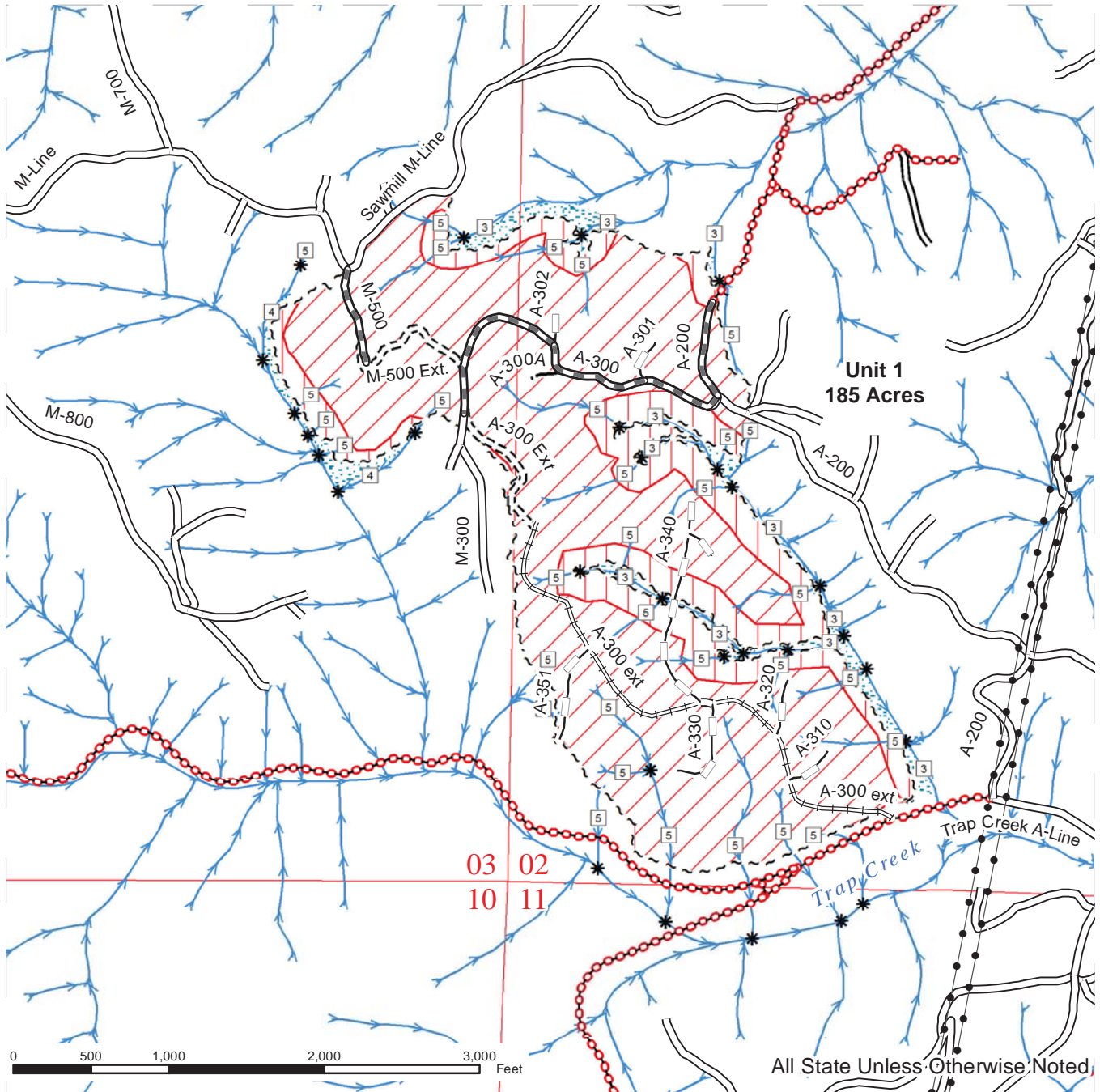
FEES: \$15,584.50 is due on day of sale. \$1.18 per ton is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: Marbled murrelet timing restriction shall be applied on an area approximately 1 acre located in the northwest corner of Unit 1 and southwest of the M-500 road within 100 feet of Timber Sale Tag, the Sawmill Quarry, and the waste area off of the M-1001 road. Marbled murrelet - Timing restrictions are described as no operation of heavy equipment within the critical nesting season (April 1 to August 31) during the daily peak activity periods (one hour before official sunrise to two hours after official sunrise and one hour before and after official sunset). Heavy equipment is identified as felling, yarding, and loading equipment for logging, and road maintenance and construction equipment.

TIMBER SALE MAP

SALE NAME: SAWMILL THINNING
AGREEMENT#: 30-092824
TOWNSHIP(S): T12R08W
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

REGION: Pacific Cascade Region
COUNTY(S): PACIFIC
ELEVATION RGE: 267-770



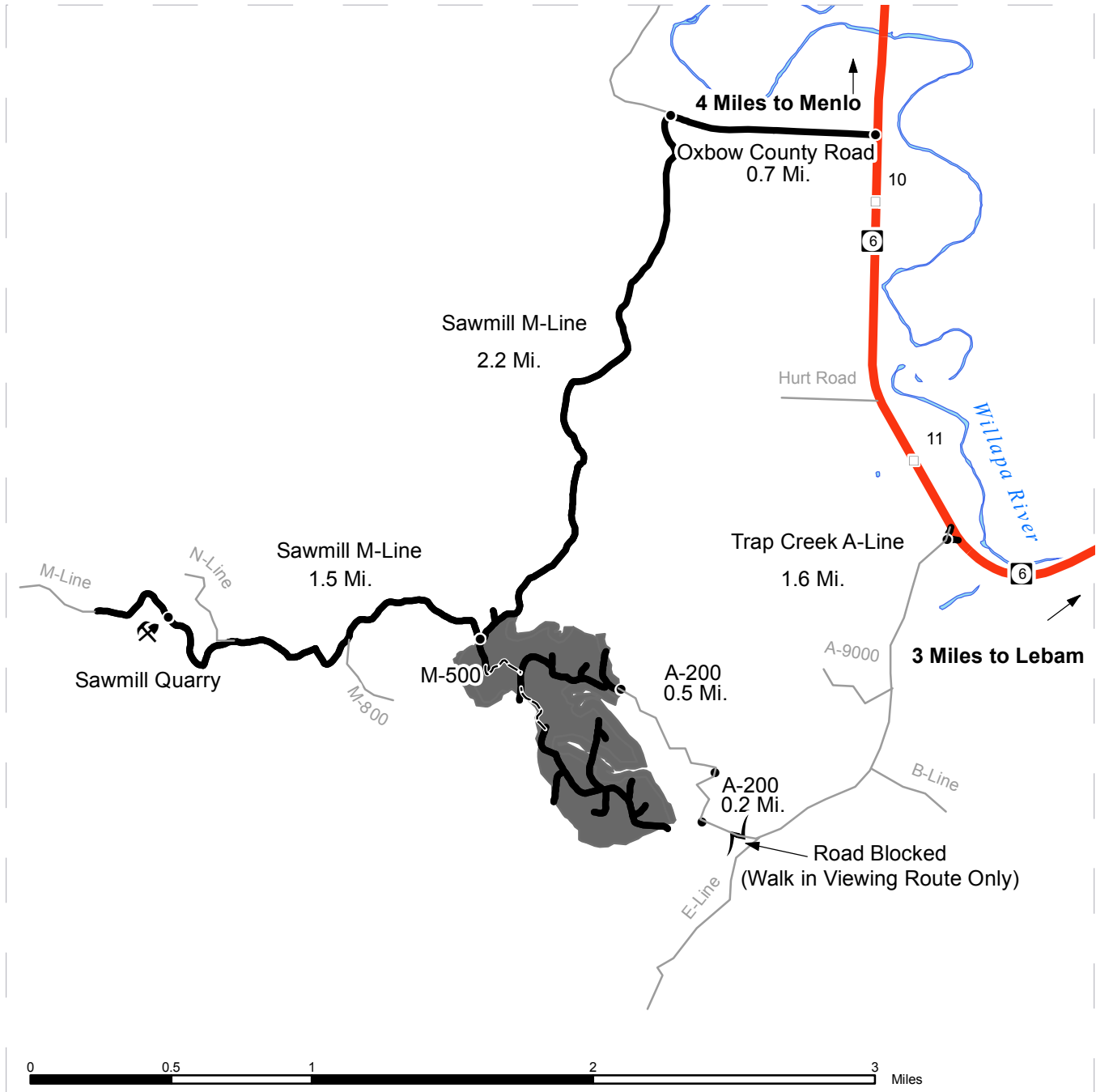
	Upland Thinning Area		Existing Roads		Streams
	Riparian Thinning Area		Pre-Haul Maintenance		Steam Type
	Riparian Mgt Zone		Required Construction		Stream Type Break
	Sale Boundary Tags		Required Reconstruction		Power Lines
			Optional Construction		
			Optional Reconstruction		
			Old Grade		



DRIVING MAP

SALE NAME: SAWMILL THINNING
AGREEMENT#: 30-092824
TOWNSHIP(S): T12R08W
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

REGION: Pacific Cascade Region
COUNTY(S): PACIFIC
ELEVATION RGE: 267-770



- Timber Sale Unit
- Highways
- Haul Route
- Other Route
- New Construction
- Milepost Markers
- Distance Indicator
- Existing Rock Pit

DRIVING DIRECTIONS:
 From SR 6 North of Mile Marker 10: Turn west onto Oxbow County Road. Continue 0.7 miles to Sawmill M-Line. Turn left (south) and continue 2.2 miles to Jct of M-500.
 The Sawmill Quarry is 1.5 miles West of the M-500 Jct on the Sawmill M-Line.
 Road Blocked (Walk in Viewing Route Only)



TIMBER NOTICE OF SALE

SALE NAME: *BLITZEN*

AGREEMENT NO: 30-091190

AUCTION: April 27, 2016 starting at 10:00 a.m., **COUNTY:** Skagit
Northwest Region Office, Sedro Woolley, WA

SALE LOCATION: Sale located approximately 8 miles east of Sedro-Woolley, WA.

**PRODUCTS SOLD
AND SALE AREA:**

All timber bounded by white timber sale boundary tags and the WS-ML Road, 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 cedar logs in Unit #1.

All timber bounded by white timber sale boundary tags, adjacent young stands and the WS-ML Road, 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 cedar logs in Unit #2.

All timber bounded by white timber sale boundary tags and property lines, 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 cedar logs in Unit #3.

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

The above described products on part(s) of Sections 2 all in Township 35 North, Range 5 East, Sections 35 and 36 all in Township 36 North, Range 5 East, W.M., containing 94 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program 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	14	8	1,316						434	630	239	13
Red alder	13		565						90	182	263	30
Douglas fir	25	8	451				39		349	50	13	
Red cedar	16		229							179	50	
Silver fir	17		78						50	13	6	9
Birch	12		40							8	27	5
Cottonwood	37		13						13			
Sale Total			2,692									

MINIMUM BID: \$591,000.00 **BID METHOD:** Sealed Bids

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

EXPIRATION DATE: March 31, 2018 **ALLOCATION:** Export Restricted

TIMBER NOTICE OF SALE

BID DEPOSIT: \$59,100.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable; cable or shovel on sustained slopes 35% or less. 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.

Additional restrictions apply, see Remarks section below.

ROADS: 28.10 stations of required construction. 24.22 stations of optional construction. 46.57 stations of optional reconstruction. 6.38 stations of existing road to be abandoned. 24.22 stations of road to be abandoned if built.

Rock may be obtained from the following source(s) on State land at no charge to the Purchaser: Section 2 Rock Pit at station 17+93 of the MJ-03 Road. WS-37 Pit at station 196+86 of the WS-ML Road.

Development of new and existing rock source(s) will involve clearing, stripping, drilling, shooting, and processing rock to generate riprap, gravel surface ballast and 6 inch-minus subgrade ballast.

An estimated total quantity of rock needed for this proposal: 230 cubic yards of riprap and 6,323 cubic yards of ballast rock.

Additional restrictions apply, see Remarks section below.

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.

ACREAGE DETERMINATION

CRUISE METHOD: Acres determined by GPS traverse. 98.4 acres gross. 2.6 acres deducted for green tree retention clumps and 1.4 acres deducted for existing roads. 94.4 acres net. Cruised using variable plot method. Expansion factor used is 40.00 and 62.5. Sighting height is 4.5 feet. A total of 94 plots were taken.

Shapefiles of units are available upon request.

FEES: \$47,783.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS:

1. The west half of Unit #2 (below the WS-ML Road) shall have a seasonal restriction from July 1 to September 30, and must be felled by hand and shall be limited to uphill, full suspension cable yarding.
2. The WS-4409 Road in Unit #3 shall have a seasonal restriction, and the crossing at station 17+69 may not overwinter (one season entry).
3. The WS-ML Road in Unit 2 currently contains a water diversion issue from a stream further up the hill that starts to run down an old grade. The proposal plans to reopen the orphaned grade, and place the stream back in its original location.

TIMBER NOTICE OF SALE

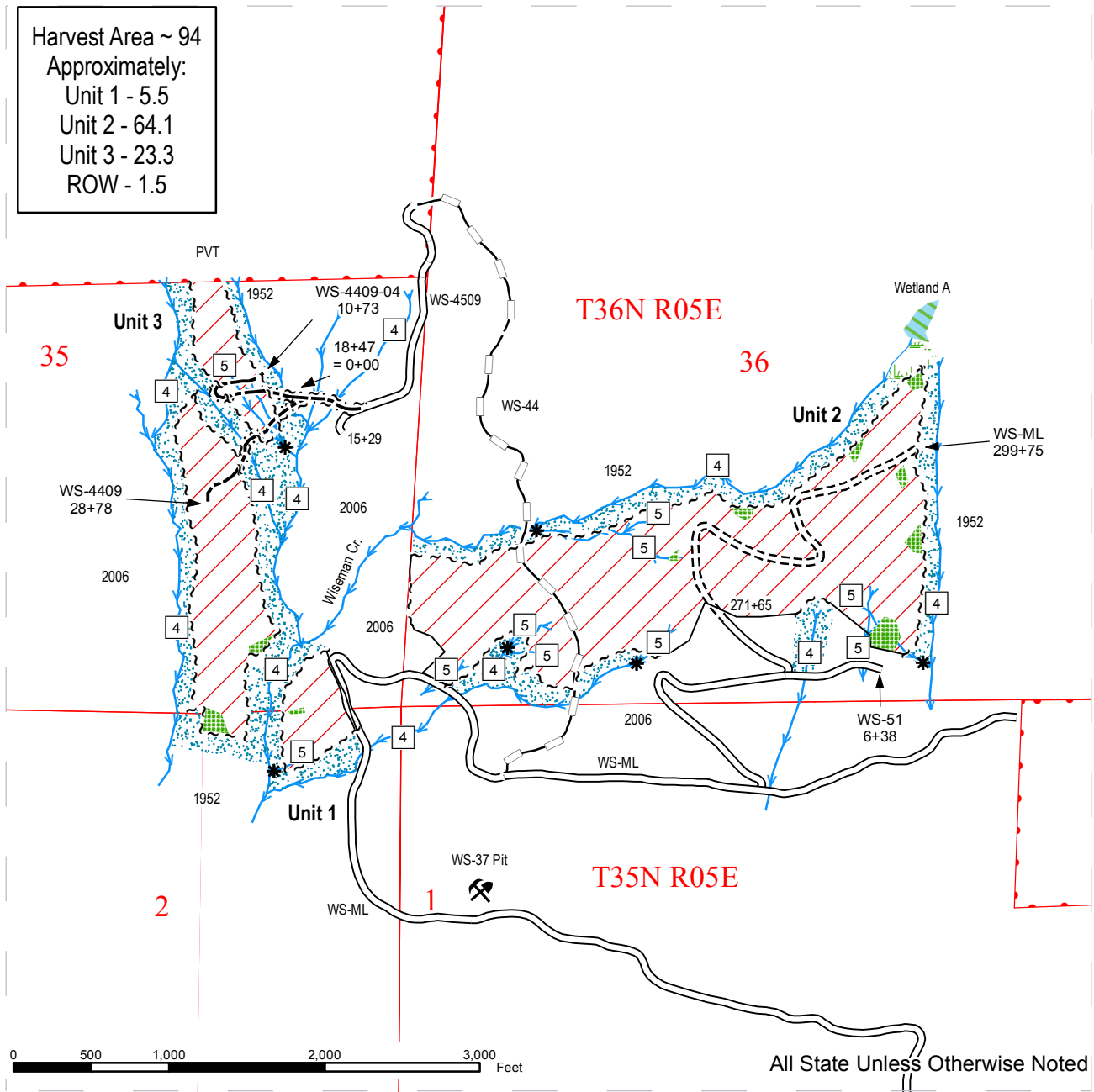
4. HQ DF noted within the sale area. See cruise for further details (approximately 9 mbf of the above listed DF 2S is deemed high quality by the Department).
5. Intermediate supports may be needed in Unit #3.

TIMBER SALE MAP

SALE NAME: BLITZEN
AGREEMENT#: 91190
TOWNSHIP(S): T36R05E, T35R05E
TRUST(S): State Forest Transfer(1)

REGION: Northwest Region
COUNTY(S): SKAGIT
ELEVATION RGE: 1791-3361

Harvest Area ~ 94
 Approximately:
 Unit 1 - 5.5
 Unit 2 - 64.1
 Unit 3 - 23.3
 ROW - 1.5



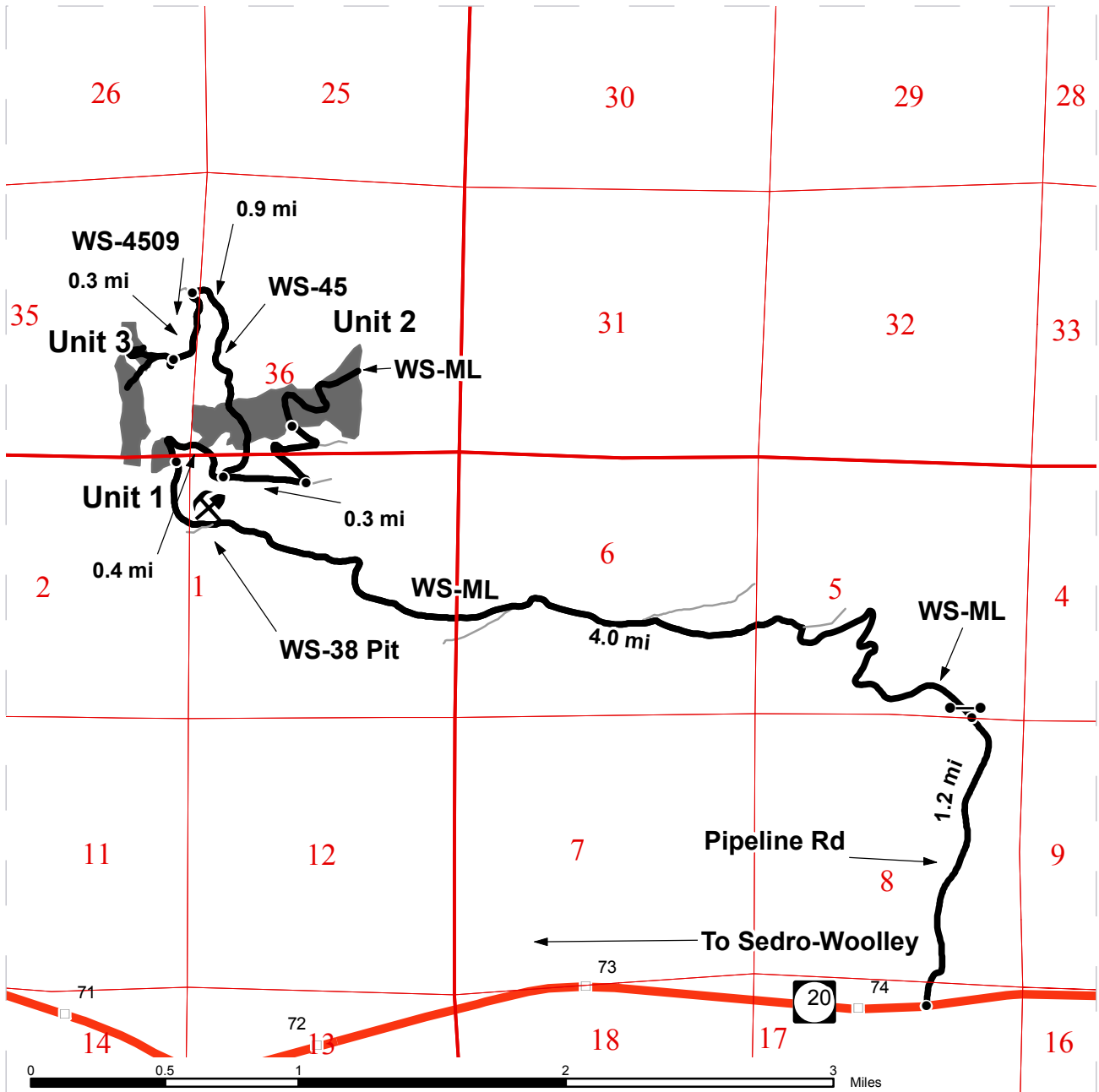
All State Unless Otherwise Noted

Sale Area	Sale Boundary Tags	Stream Type
Riparian Mgt Zone	Sale Boundary (No Tags)	Stream Type Break
Leave Tree Area	Right of Way Tags	DNR Managed Lands
Wetland Mgt Zone	Existing Road	
Wetland	Required Construction	
Streams	Optional Construction	
	Optional Reconstruction	

DRIVING MAP

SALE NAME: BLITZEN
 AGREEMENT#: 91190
 TOWNSHIP(S): T36R05E, T35R05E
 TRUST(S): State Forest Transfer(1)

REGION: Northwest Region
 COUNTY(S): SKAGIT
 ELEVATION RGE: 1791-3361



	Timber Sale Unit
	Highways
	Other Route
	Haul Route
	Milepost Markers
	Existing Rock Pit
	Gate (Lock Type)
	Distance Indicator

DRIVING DIRECTIONS:

Unit 1:
 From the Intersection of Hwy 9 & SR-20, head east on SR-20 for 8.2 miles to intersection of Pipeline Rd. & SR-20. Turn left on Pipeline Rd. and continue for 1.2 miles to a gate (F1-3 key). Pipeline Rd. turns into the WS-ML. Continue on the WS-ML for 4 miles to Unit 1 on the left side of the WS-ML.

Unit 2:
 From unit 1, continue on the WS-ML for approximately 0.7 miles until the WS-ML switches back up the hill on the left. Follow the WS-ML to the end of the existing road and the start of the new road construction.

Unit 3:
 From unit 1, continue on the WS-ML for approximately 0.4 miles to the junction of the WS-45. Turn left on the WS-45, and continue for approximately 0.9 miles to the junction of the WS-4509. Follow the WS-4509 to the left and go approximately 0.3 miles to the start of the new road construction on the right.

TIMBER NOTICE OF SALE

SALE NAME: RAVEN VRH & VDT

AGREEMENT NO: 30-092631

AUCTION: April 27, 2016 starting at 10:00 a.m.,
Northwest Region Office, Sedro Woolley, WA

COUNTY: Skagit

SALE LOCATION: Sale located approximately 10 miles north of Arlington, WA.

**PRODUCTS SOLD
AND SALE AREA:**

All timber bounded by white timber sale boundary tags, adjacent young stands and the BR-ML and BR-17 roads, except trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, forest products tagged out by blue special management tags and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit #1.

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

All timber bounded by white timber sale boundary tags and the WV-34 abandoned road grade, except trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, forest products tagged out by blue special management tags and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit #3.

All timber bounded by white timber sale boundary tags and property lines, 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 cedar logs in Unit #4.

All timber bounded by white timber sale boundary tags, property lines and the WV-ML Road, except trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, forest products tagged out by blue special management tags and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit #5.

All timber bounded by white timber sale boundary tags and the BR-ML Road, except trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, forest products tagged out by blue special management tags and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit #6.

All timber bounded by white timber sale boundary tags, except trees marked with blue paint on the bole and root collar, forest products tagged out by blue special management tags and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit #7.

All timber as described for removal in Schedule B, located in the WMZ and RMZ thinning areas (beyond blue special management tags up to the white timber sale boundary tags) within Units #1, #2, #3, #5, #6 and #7.

All timber bounded by orange right of way tags, except that title to the timber within the right of way tags is not conveyed to the Purchaser unless the road segment is actually constructed, except as described for removal in Schedule B.

The above described products on part(s) of Sections 11, 14, 15, 22 and 23 all in Township 33 North, Range 5 East, W.M., containing 215 acres, more or less.

TIMBER NOTICE OF SALE

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program 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	19	8	5,735	\$277.00				74		3,495	1,732	306	128
Hemlock	14	8	1,562	\$171.00						506	762	224	70
Red cedar	19		441	\$871.00							401	40	
Red alder	13		95	\$258.00						15	37	11	32
Silver fir	27		21	\$171.00						19	2		
Maple	12		9	\$20.00									9
Sale Total			7,863										

MINIMUM BID: \$277/MBF (est. value \$2,268,000.00) **BID METHOD:** Sealed Bids

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

EXPIRATION DATE: March 31, 2019 **ALLOCATION:** Export Restricted

BIDDABLE SPECIES: Douglas fir

BID DEPOSIT: \$226,800.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable; cable or shovel on sustained slopes 35% or less; a tracked skidder and/or forwarder is permitted to reach areas farther than 600 feet from roads as designated by the Contract Administrator. 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.

Additional restrictions apply, see Remarks section below.

ROADS: 85.63 stations of optional construction. 85.63 stations of road to be abandoned if built. 94.16 stations of required pre-haul maintenance.

Rock may be obtained from the following source(s) on State land at no charge to the Purchaser: Red Rock Pit at station 11+10 of the BV-1703 Road. West Bear Pit at station 9+23 of the BR-3802-05 Road.

Development of existing rock source(s) will involve drilling, shooting, and processing rock to generate riprap, 3-inch-minus ballast and 1 ½-inch-minus crushed rock.

An estimated total quantity of rock needed for this proposal: 188 cubic yards of riprap, 7,633 cubic yards of ballast rock, 750 cubic yards of 1 ½-inch-minus crushed rock and 2,000 cubic yards of 1 1/2-inch-minus crushed rock to be stockpiled.

There is an existing stockpile of riprap in the Red Rock Pit at station 11+10 of the BR-1703 Road.

TIMBER NOTICE OF SALE

Road construction, pre-haul maintenance, 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.

ACREAGE DETERMINATION

CRUISE METHOD: Acres determined by GPS traverse. 231.2 acres gross. 6.7 acres deducted for green tree retention clumps and 9.2 acres deducted for existing roads. 215.4 acres net. Cruised using variable plot method. Expansion factor used is 40.00, 54.4 and 62.5. Sighting height is 4.5 feet. A total of 151 plots were taken.

Shapefiles of units are available upon request.

FEES: \$139,568.25 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

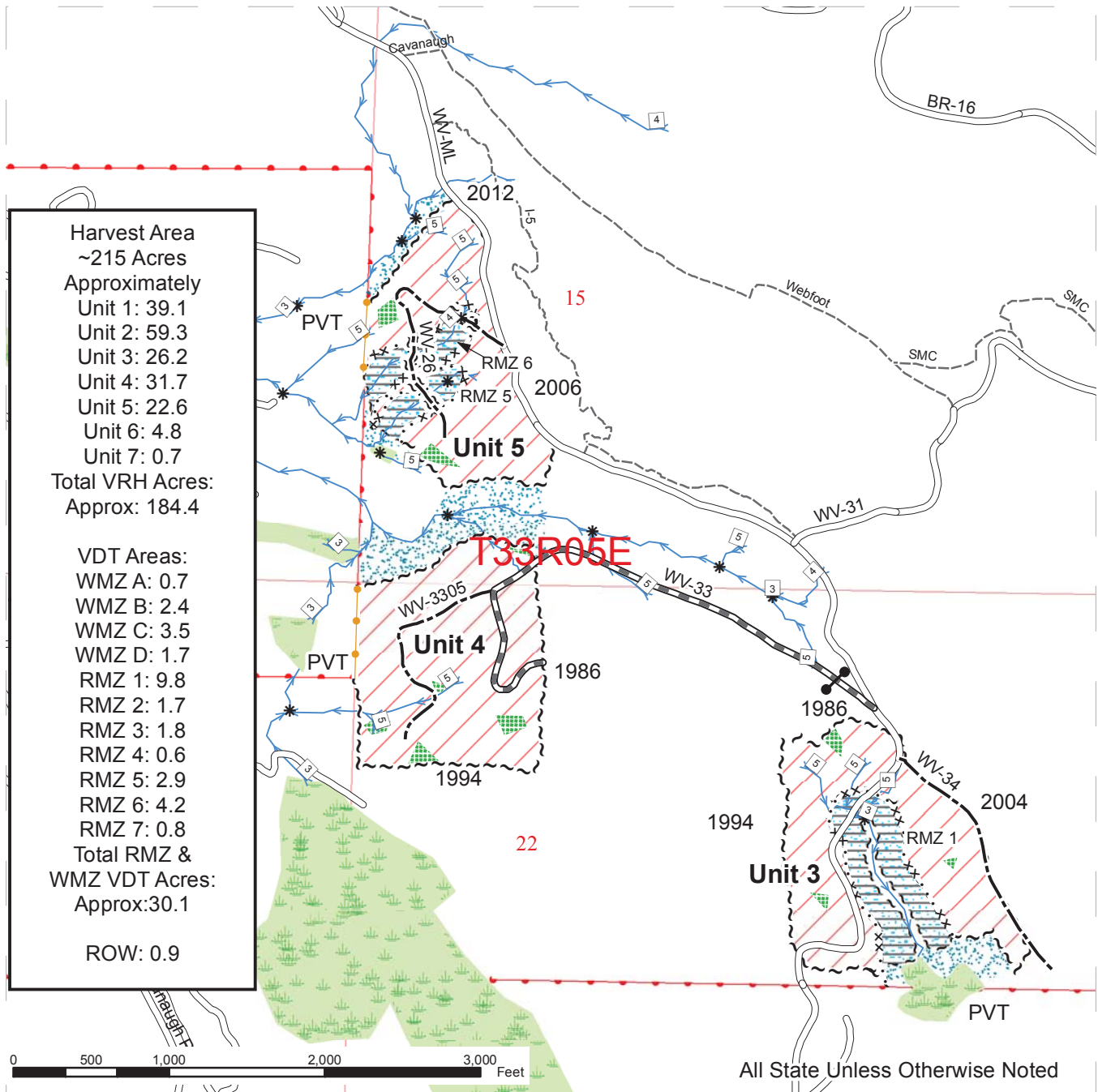
SPECIAL REMARKS:

1. Trees marked with red paint and a yellow "T" represent the last take tree along property line boundaries.
2. Outer boundary of harvest area in RMZ and WMZ thinning areas is demarcated with blue special management tags within the sale area.
3. HQ DF noted within the sale area. See cruise for further details (approximately 188 mbf of the above listed DF 2S is deemed high quality by the Department).
4. Redcedar and Douglas-fir poles were noted within the sale area. No formal cruise was conducted for poles.
5. A portion of the WV-26, WV-3305 and WV-34 road construction is on an abandoned grade.
6. Cutting and yarding in the WMZ and RMZ thinning areas shall not be permitted during the bark slippage season unless authorized in writing by the Contract Administrator. This season is estimated to run from April 1 to July 15 but may vary depending on weather conditions. If permission is granted to operate during the bark slippage season the purchaser shall be required to provide a plan outlining mitigation measures.

TIMBER SALE MAP

SALE NAME: Raven VRH VDT
AGREEMENT#: 30-092631
TOWNSHIP(S): T33R05E
TRUST(S): State Forest Transfer (1), Normal School (8)

REGION: Northwest Region
COUNTY(S): Skagit
ELEVATION RGE: 520' - 1560'



Harvest Area
 ~215 Acres
 Approximately
 Unit 1: 39.1
 Unit 2: 59.3
 Unit 3: 26.2
 Unit 4: 31.7
 Unit 5: 22.6
 Unit 6: 4.8
 Unit 7: 0.7
Total VRH Acres:
 Approx: 184.4

VDT Areas:
 WMZ A: 0.7
 WMZ B: 2.4
 WMZ C: 3.5
 WMZ D: 1.7
 RMZ 1: 9.8
 RMZ 2: 1.7
 RMZ 3: 1.8
 RMZ 4: 0.6
 RMZ 5: 2.9
 RMZ 6: 4.2
 RMZ 7: 0.8
Total RMZ & WMZ VDT Acres:
 Approx: 30.1

ROW: 0.9

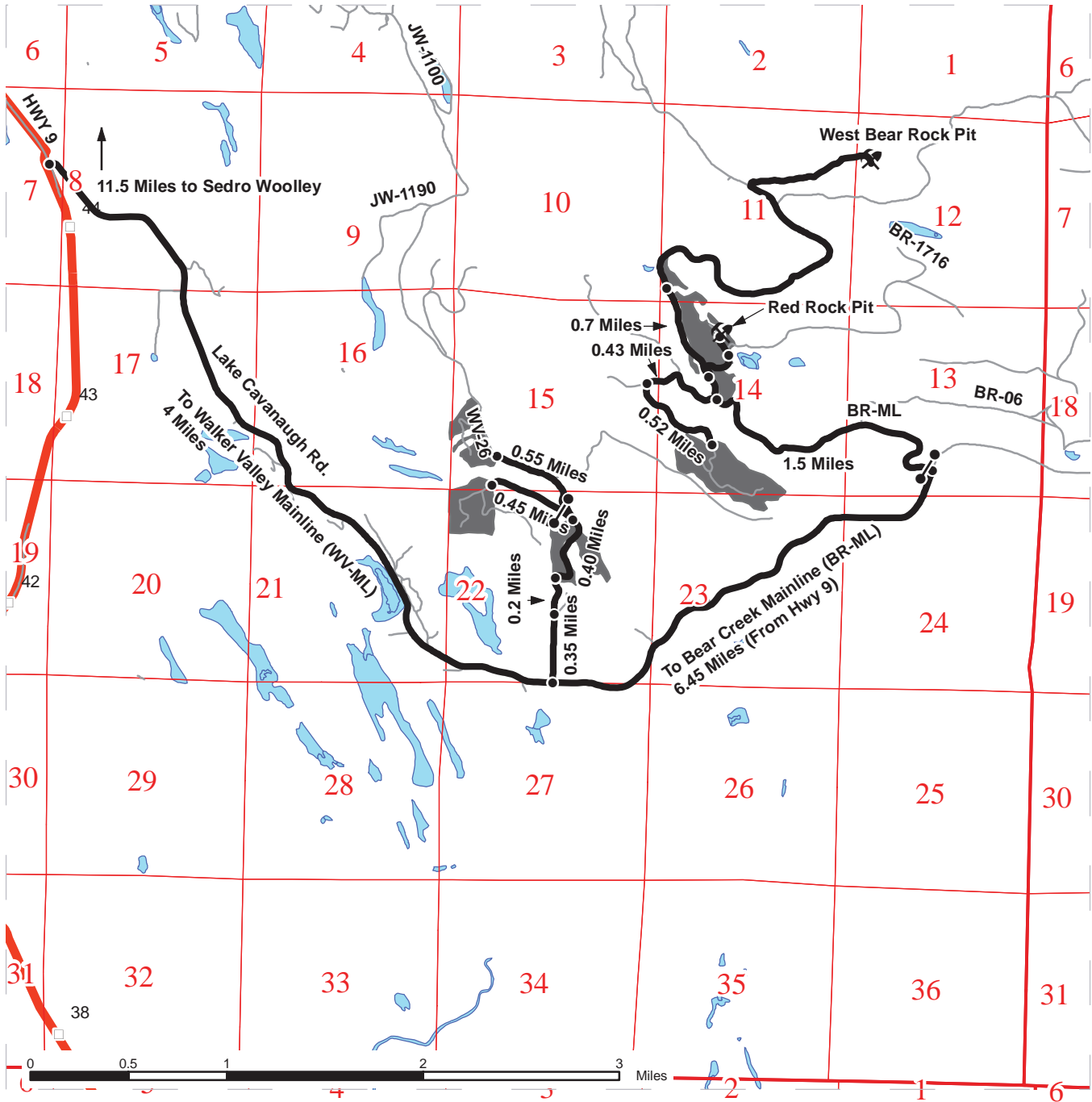
Sale Area (VRH)	Existing Roads	Stream Type
Leave Tree Area	Required Pre-Haul Maintenance	Existing Rock Pit
WMZ Mgt Zone (VDT)	Optional Construction	Stream Break
RMZ Mgt Zone (VDT)	Special Mgt Tags	Survey Corners
Forested Wetland	Timber Type Break	DNR Managed Lands
Take Trees	Sale Boundary Tags	RMZ/WMZ - No Activity
Trail	Right of Way Tags	
Stream		



DRIVING MAP

SALE NAME: RAVEN VRH VDT
AGREEMENT#: 30-092631
TOWNSHIP(S): T33R05E
TRUST(S): State Forest Transfer (1), Normal School (8)

REGION: Northwest Region
COUNTY(S): Skagit
ELEVATION RGE: 520' - 1560'



Timber Sale Units
 Highways
 Haul Route
 Other Route
 Milepost Markers
Other Map Points
 Distance Indicator
 Gate (F1-3)

DRIVING DIRECTIONS:
 Heading south on Highway 9 from Sedro-Woolley, take a left onto Lake Cavanaugh Rd (11.5 miles South of Sedro-Woolley).
 To Units 1, 2, 6, & 7: Drive 1.5 miles along the BR-ML to reach the southern portion of Unit 1. Continue 0.70 miles along BR-ML to reach Unit 6. Unit 7 is 100 feet beyond NE side of Unit 1. From entrance to BR-ML, drive 1.5 miles up the BR-ML. Turn left onto the BR-16 and drive 0.43 miles. Turn left onto the BR-1604 and drive 0.52 miles. Unit 2 is to the south.
 To Units 3, 4 & 5: Drive 4 miles along Lake Cavanaugh Rd. before turning left onto Peter Burns Rd. Peter Burns Rd becomes Walker Valley Mainline (WV-ML) after 0.35 miles. Continue along WV-ML another 0.2 miles, you have arrived at Unit 3. Continue driving another 0.40 miles to a fork in the road. To access Unit 4, take the left fork, drive through the gate, and then continue for 0.45 miles. To access Unit 5, take the right fork and drive 0.55 miles. Unit 5 is on the west side of the WV-ML.



TIMBER NOTICE OF SALE

SALE NAME: *SIDEHILL SALMON*

AGREEMENT NO: *30-091789*

AUCTION: April 26, 2016 starting at 10:00 a.m., **COUNTY:** Snohomish
South Puget Sound Region Office, Enumclaw, WA

SALE LOCATION: Sale located approximately 18 miles south of Duvall.

PRODUCTS SOLD AND SALE AREA: All timber, except leave trees marked with blue paint or bounded out by yellow leave tree area tags, and downed timber existing more than 5 years from the day of sale, bounded by the following: white timber sale boundary tags, pink flagging and timber type change in Unit #1. All timber bounded by orange right of way tags on part(s) of Sections 25 all in Township 27 North, Range 7 East, W.M., containing 44 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program 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	18.9	7	1,438				1		1,011	343	77	6
Hemlock	12.9	7	158						56	62	39	
Red alder	13.9		77						11	9	50	7
Red cedar	17.6		76							67	9	
Maple	9.7		34						3		23	8
Cottonwood		31	16						10			6
Sale Total			1,799									

MINIMUM BID: \$376,000.00 **BID METHOD:** Sealed Bids

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

EXPIRATION DATE: October 31, 2017 **ALLOCATION:** Export Restricted

BID DEPOSIT: \$37,600.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable equipment with lateral and downhill yarding capabilities. Tracked shovels may only be used for road and landing construction. Yarding may be restricted if rutting becomes excessive, per clause H-017.

Falling, yarding and timber haul will not be permitted from November 1st to April 30th, 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 1st to April 30th, the Purchaser shall comply with a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's expense. Sedimentation preventative measures must be in place prior to commencing any winter operations.

ROADS: 28.71 stations of optional construction. 129.35 stations of pre-haul and post-haul maintenance. 12.29 stations of decommissioning, if constructed. Purchaser maintenance on all roads used. Rock for this proposal may be obtained from the state owned 7500

TIMBER NOTICE OF SALE

Rock Pit or any commercial rock source. Rock source development may be obtained from the 6020 Road, see Road Plan clause 6-11.

Road construction and rock haul will not be permitted from November 1st to April 30th, 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 1st to April 30th, the Purchaser shall comply with a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's expense. Sedimentation preventative measures must be in place prior to commencing any winter operations.

ACREAGE DETERMINATION

CRUISE METHOD: Unit acreage was determined by traversing boundaries by GPS. Right of way acreage was determined by multiplying length times width. Traverse GPS files are available upon request by emailing rachel.mason@dnr.wa.gov. See cruise narrative for cruise method.

FEES: \$31,932.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: During active operations, Purchaser shall install and maintain road signs per Road Plan clause 7-1.

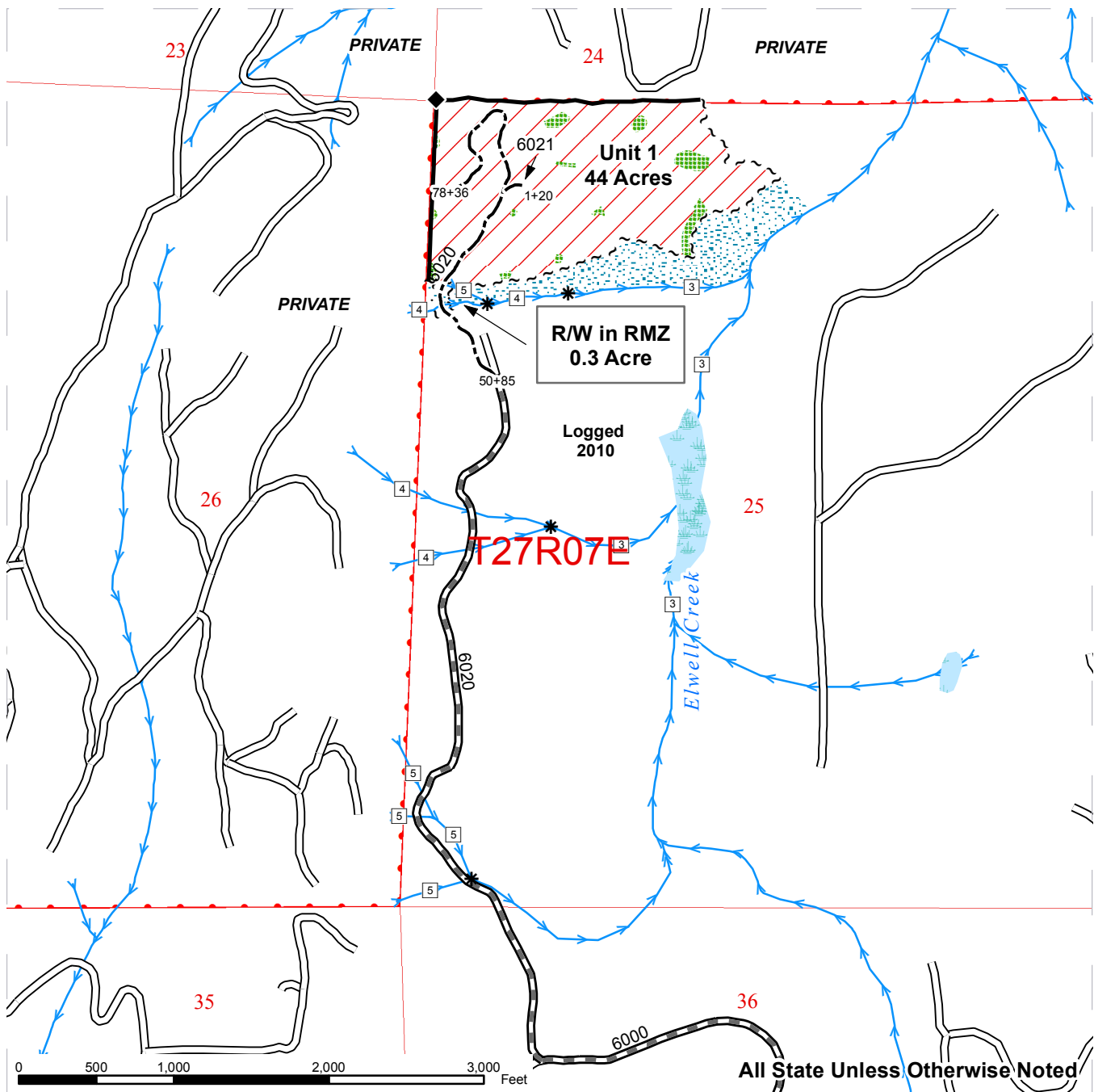
Purchaser shall cut vine maple and sever from the stump within the harvest unit.

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 Zach Beebe at (253) 736-4830.

TIMBER SALE MAP

SALE NAME: Sidehill Salmon
AGREEMENT#: 30-091789
TOWNSHIP(S): T27NR07E, T27NR08E
TRUST(S): State Forest Transfer (01)

REGION: South Puget Sound
COUNTY(S): Snohomish
ELEVATION RGE: 290 - 930 ft



Timber Sale Area	Existing Roads	Streams
Riparian Mgt Zone	Required Pre-Haul Maintenance	Wetland
Leave Tree Areas Marked with Yellow "Leave Tree Area" Tags	Optional Construction	Survey Corner
White Timber Sale Boundary Tags	DNR Managed Lands	Stream Type
Timber Type Change marked with pink flagging	Stream Type Break	
Orange Right of Way Tags		

Prepared By: zbee490

Creation Date: 09/01/2015

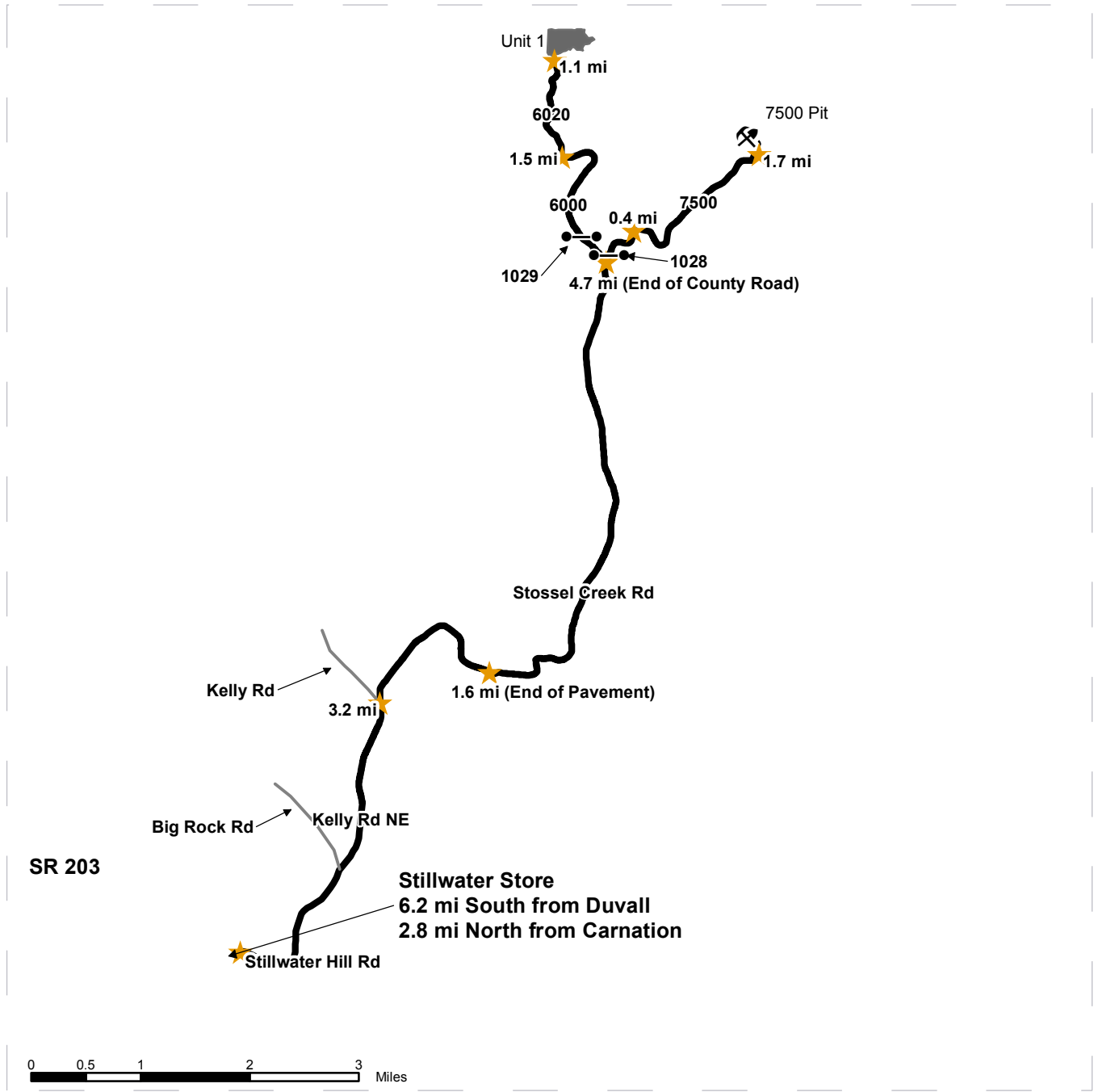
Modification Date: 10/27/2015

kfry490 - 02/10/2016

DRIVING MAP

SALE NAME: Sidehill Salmon
AGREEMENT#: 30-091789
TOWNSHIP(S): T27NR07E, T27NR08E
TRUST(S): State Forest Transfer (01)

REGION: South Puget Sound
COUNTY(S): Snohomish
ELEVATION RGE: 290 - 930 ft



- Timber Sale Unit
- Highways
- Haul Route
- Existing roads
- Milepost Markers
- Gate (Master 383)
- Rock Pit
- Distance Indicator

DRIVING DIRECTIONS:

Unit 1 - Traveling North on State Route 203 from Carnation turn right onto Stillwater Hill Rd after 2.8 miles. Stillwater Hill Rd becomes Kelly Rd NE. Travel 3.2 miles turn right onto Stossel Creek County Rd. Travel 6.3 miles then turn left onto the 6000 Rd. Gate 1029B will be 300 feet further, gate lock type Master 383. Travel 1.5 miles then turn right onto the 6020 Rd. The end of the 6020 Rd is 1.1 miles further and the unit is north, past the RMZ.

7500 Rock Pit - From the junction of the 6000 / 7000 / Stossel Creek Rd, travel north on the 7000 Rd through gate # 1028, gate lock type Master 383. Continue on the 7000 road for 0.4 mile. Turn right onto the 7500 road. Continue for 1.7 miles, the 7500 Rock Pit will be on the right.

TIMBER NOTICE OF SALE

SALE NAME: *DYNO VRH & VDT*

AGREEMENT NO: *30-092303*

AUCTION: April 27, 2016 starting at 10:00 a.m.,
Northwest Region Office, Sedro Woolley, WA

COUNTY: Snohomish

SALE LOCATION: Sale located approximately 5 miles east of Gold Bar, WA.

**PRODUCTS SOLD
AND SALE AREA:**

All timber bounded by white timber sale boundary tags and BPA powerline right of way, 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 cedar logs in the Unit #1 (collectively labeled 1A, 1B and 1C).

All timber bounded by white timber sale boundary tags, the MY-04 road, and adjacent young stands, 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 cedar logs in Unit #2 (collectively labeled as 2A, 2B and 2C).

All timber as described for removal in Schedule B, bounded by white timber sale boundary tags, and blue special management tags, except forest products tagged out by yellow leave tree area tags, and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit #3.

All timber bounded by white timber sale boundary tags, blue special management tags, and adjacent young forest stands, except forest products tagged out by yellow leave tree area tags and cedar snags, preexisting dead and down cedar trees and cedar logs in the Unit #4.

All timber (including those trees with orange paint demarcating the boundary), bounded by white timber sale boundary tags, adjacent young stand and trees marked with orange paint 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 cedar logs in Unit #5 (collectively labeled as 5A and 5B).

All timber bounded by white timber sale boundary tags and BPA powerline right of way, 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 cedar logs in Unit #6.

All timber bounded by orange right of way tags, except that title to the timber within the right of way tags is not conveyed to the Purchaser unless the road segment is actually constructed, except timber as described for removal in Schedule B.

The above described products on part(s) of Sections 2, 11 and 12 all in Township 27 North, Range 9 East, W.M., containing 116 acres, more or less.

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

TIMBER NOTICE OF SALE

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	18	8	1,922	\$33.00				75		1,139	599	71	38
Hemlock	13	9	1,095	\$33.00						218	659	89	129
Red alder	14		415	\$97.00						89	139	162	25
Red cedar	14		325	\$671.00							279	46	
Cottonwood	22		64	\$20.00					26	33		4	1
Maple	22		59	\$20.00						47	2	5	5
Sale Total			3,880										

MINIMUM BID: \$33/MBF (est. value \$360,000.00) **BID METHOD:** Sealed Bids

PERFORMANCE SECURITY: \$72,000.00 **SALE TYPE:** MBF Scale

EXPIRATION DATE: March 31, 2019 **ALLOCATION:** Export Restricted

BIDDABLE SPECIES: Hemlock, Douglas fir combined.

BID DEPOSIT: \$36,000.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable; cable, tracked grapple skidder, or forwarder on sustained slopes 35% or less, however, tracked grapple skidders are limited only to Unit 3 with prior written permission of the Contract Administrator. 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.

Additional restrictions apply, see Remarks section below.

ROADS: 43.23 stations of required construction. 109.70 stations of required reconstruction. 116.92 stations of optional construction. 19.70 stations of optional reconstruction. 35.90 stations of existing road to be abandoned. 108.52 stations of road to be abandoned if built.

Rock may be obtained from the following source(s) on State land at no charge to the Purchaser: DF-21 gravel pit at Station 111+80 of the DF-ML Road. MY-0417 proposed hard rock pit at Station 88+00 of the MY-04 Road. MY-0422-02 proposed hard rock pit at Station 8+40 of the MY-0422 Road. MY-0425-01 proposed hard rock pit at Station 6+85 of the MY-0425 Road.

Development of new and existing rock source(s) will involve clearing, stripping, drilling, shooting, and processing rock to generate riprap, 3-inch-minus ballast and gravel ballast.

An estimated total quantity of rock needed for this proposal: 434 cubic yards of riprap and 17,640 cubic yards of ballast rock.

Additional restrictions apply, see Remarks section below.

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

TIMBER NOTICE OF SALE

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.

ACREAGE DETERMINATION

CRUISE METHOD: Acres determined by GPS traverse. 126.2 acres gross. 3.3 acres deducted for green tree retention clumps, 2.5 acres deducted for existing road acres, and 4.9 acres deducted for exclusion area. 115.5 acres net. Cruised using variable plot method. Expansion factor used is 40.00 and 54.45 Sighting height is 4.5 feet. A total of 103 plots were taken.

Shapefiles of units are available upon request.

FEES: \$68,870.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

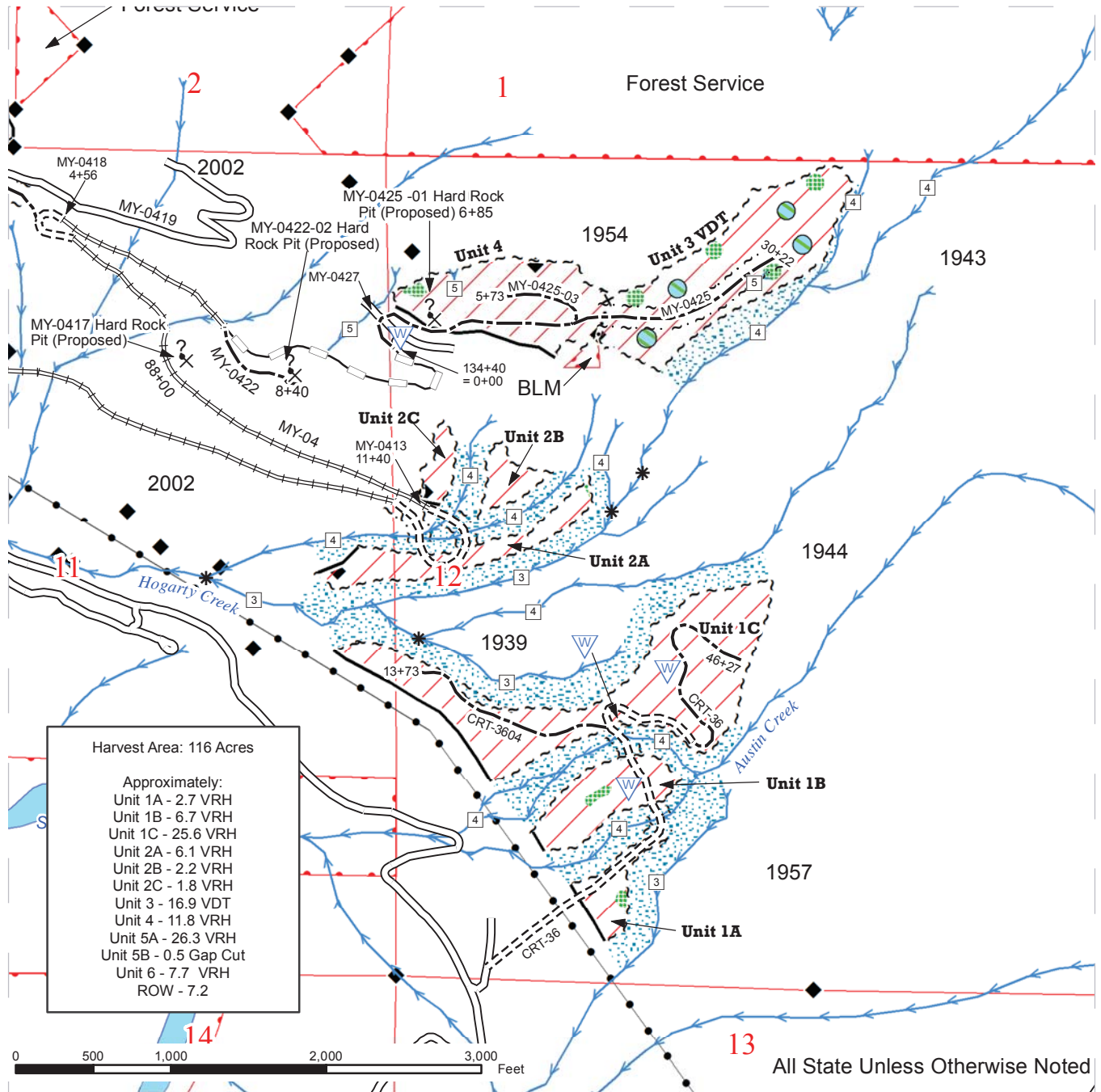
SPECIAL REMARKS:

1. HQ DF noted within the sale area. See cruise for further details (approximately 424 mbf of the above listed DF 2S is deemed high quality by the Department).
2. Outer boundary of Unit #5B Special Management Unit (SMU) is not marked on the ground. Gaps are located within the unit. Take all trees within gaps bounded by white timber sale boundary tags and orange painted trees.
3. An on-site pre-work meeting with the Purchaser and a BPA representative must be coordinated by the Contract Administrator and held prior to the commencement of any work to discuss safety and harvesting guidelines when working around BPA transmission lines. Purchaser is required to develop a safety plan for all operations (including road work) to occur in the proximity of the BPA powerlines, and must be approved in writing by the Contract Administrator, prior to commencement of any activities on site. Sample documents regarding work safety around powerlines are available at the Northwest Region office.
4. Cutting and yarding in Unit #3 will not be permitted during the bark slippage season unless authorized in writing by the Contract Administrator. This season is estimated to run 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 measure.
5. The historic trail marked with pink flagging located in the eastern portion of Unit #5A shall be protected to the maximum extent practicable. Ground-based equipment crossings shall be kept to a minimum, located by the Purchaser and approved by the Contract Administrator prior to use.
6. A steel gate and lockbox, supplied by the State, must be installed within 30 days of the commencement of road construction operations in accordance with the STEEL GATE DETAIL in the Road Plan.
7. Intermediate supports may be necessary for yarding the southeast portion of Unit 5A.

TIMBER SALE MAP

SALE NAME: DYNO VRH & VDT
AGREEMENT#: 92303
TOWNSHIP(S): T27R09E
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

REGION: Northwest Region
COUNTY(S): SNOHOMISH
ELEVATION RGE: 541-1879

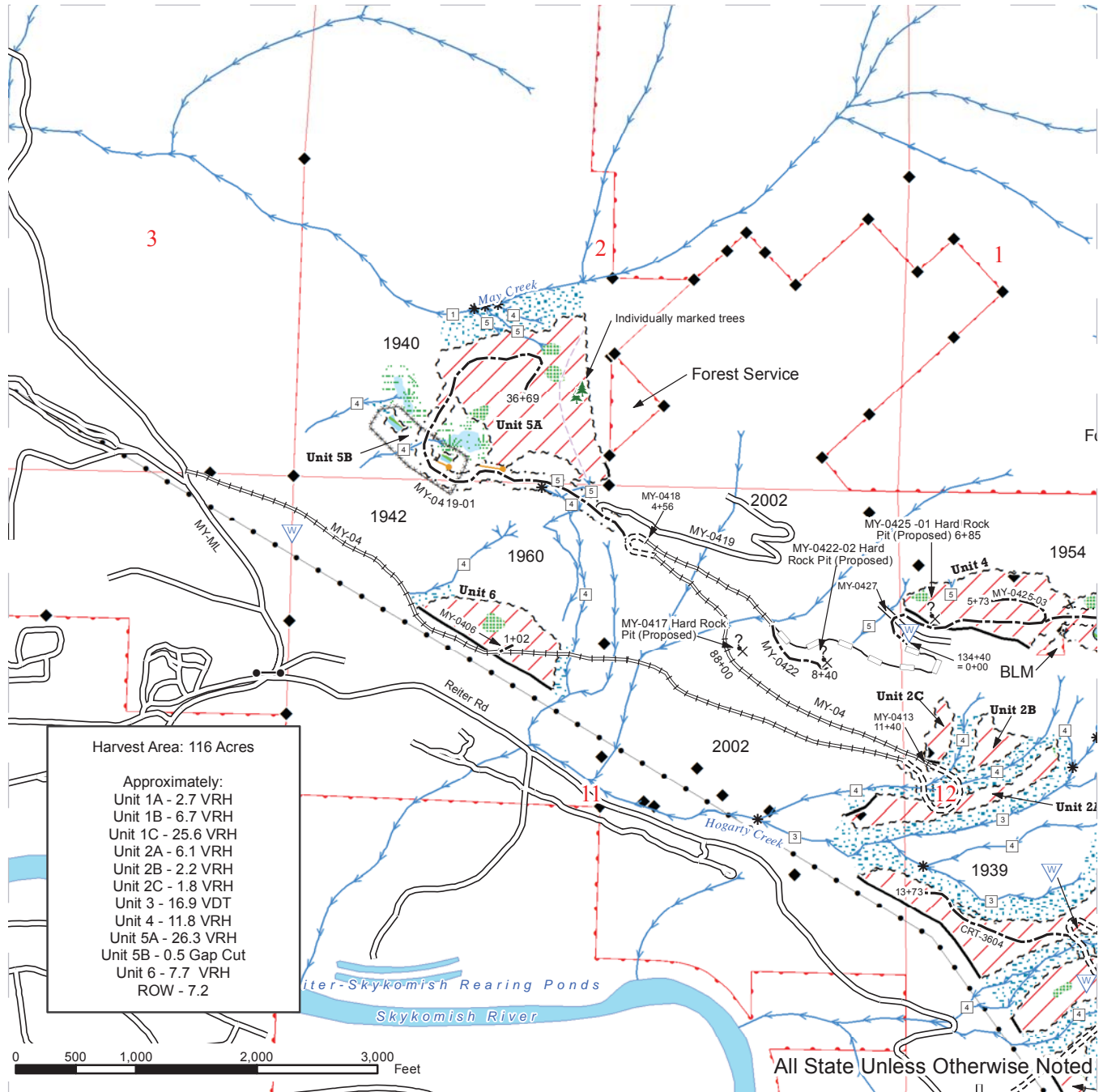


Sale Area	Required Construction	Streams
Sale Boundary Tags	Optional Construction	Stream Type
Sale Boundary (No Tags)	Required Reconstruction	Stream Type Break
Sale Boundary (Orange painted take trees)	Optional Reconstruction	Survey Corners
Special Management Unit Tags	Existing Roads	Waste Area
Special Management Unit (No Tags)	Wetlands	Potential Rock Source
Historic Trail	Wetland Management Zone	Gate
BPA Powerlines	Riparian Management Zone	Non-Tradable Leave Trees
Right of Way Tags	Leave Tree Area	
DNR Managed Lands	Gap Cuts	

TIMBER SALE MAP

SALE NAME: DYNO VRH & VDT
AGREEMENT#: 92303
TOWNSHIP(S): T27R09E
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

REGION: Northwest Region
COUNTY(S): SNOHOMISH
ELEVATION RGE: 541-1879



Harvest Area: 116 Acres
 Approximately:
 Unit 1A - 2.7 VRH
 Unit 1B - 6.7 VRH
 Unit 1C - 25.6 VRH
 Unit 2A - 6.1 VRH
 Unit 2B - 2.2 VRH
 Unit 2C - 1.8 VRH
 Unit 3 - 16.9 VDT
 Unit 4 - 11.8 VRH
 Unit 5A - 26.3 VRH
 Unit 5B - 0.5 Gap Cut
 Unit 6 - 7.7 VRH
 ROW - 7.2

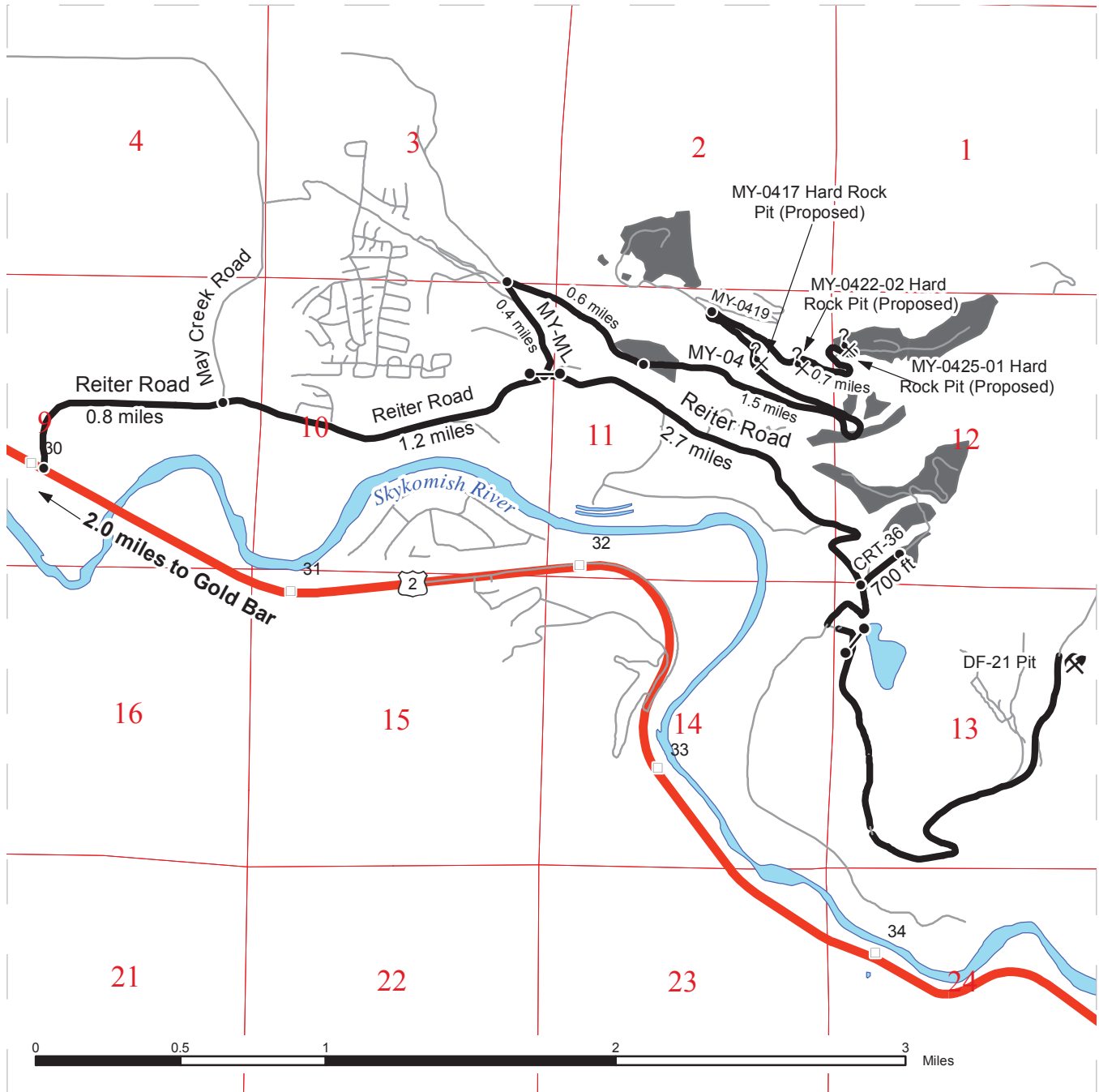
Sale Area	Required Construction	Streams
Sale Boundary Tags	Optional Construction	Stream Type
Sale Boundary (No Tags)	Required Reconstruction	Stream Type Break
Sale Boundary (Orange painted take trees)	Optional Reconstruction	Survey Corners
Special Management Unit Tags	Existing Roads	Waste Area
Special Management Unit (No Tags)	Wetlands	Potential Rock Source
Historic Trail	Wetland Management Zone	Gate
BPA Powerlines	Riparian Management Zone	Non-Tradable Leave Trees
Right of Way Tags	Leave Tree Area	
DNR Managed Lands	Gap Cuts	



DRIVING MAP

SALE NAME: DYNO VRH & VDT
AGREEMENT#: 92303
TOWNSHIP(S): T27R09E
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

REGION: Northwest Region
COUNTY(S): SNOHOMISH
ELEVATION RGE: 541-1879



- Timber Sale Unit
- Highways
- Haul Route
- Other Route
- Gate
- Distance Indicator
- Potential Rock Source

DRIVING DIRECTIONS:

Directions to Units 1A-1C: Travel 2.0 miles east on U.S. Highway 2 from Gold Bar. Turn left onto Reiter Road. Follow Reiter Road for 0.8 miles to where it intersects with May Creek Road. Bear right to continue on Reiter Road. Continue 2.7 miles on Reiter Road to reach a parking area with the abandoned road CRT-36. Continue 200 feet on CRT-36 then bear right onto staked line. Proceed on the staked line for another 700 feet through the power line ROW until you arrive at Unit 1A.

Directions to Units 2A-6: Travel 2.0 miles east on U.S. Highway 2 from Gold Bar. Turn left onto Reiter Road. Follow Reiter Road for 0.8 miles to where it intersects with May Creek Road. Bear right to continue on Reiter Road. Continue 1.2 miles on Reiter Road to reach the May Creek Mainline gate (MY-ML) on the left (north) of the road. A F-1 key is needed to access the MY-ML. Continue on the MY-ML for 0.4 of a mile and you will arrive at an intersection, shortly after passing the power line ROW. At this intersection, turn right onto MY-04, and continue for another 0.6 miles until you arrive at Unit 6. From there, continue up MY-04 for 0.6 miles to Unit 2C, 1.4 miles to Unit 5B, and 2.1 miles to Unit 4.



TIMBER NOTICE OF SALE

SALE NAME: *URSA MAJOR*

AGREEMENT NO: *30-093095*

AUCTION: April 27, 2016 starting at 10:00 a.m.,
Northwest Region Office, Sedro Woolley, WA

COUNTY: Snohomish

SALE LOCATION: Sale located approximately 10 miles east of Arlington, WA.

**PRODUCTS SOLD
AND SALE AREA:**

All timber (including cedar salvage) bounded by white timber sale boundary tags, adjacent young stands and JC-45 Road, except trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags and those remnant cedar snags, dead and down cedar trees marked with blue paint in Unit #1.

All timber bounded by white timber sale boundary tags, trees marked with red paint and a yellow "T" and the JC-2237 road, 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 cedar logs in Unit #2.

All timber bounded by white timber sale boundary tags, adjacent young stands and the JC-2237 road, 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 cedar logs in Unit #3.

The above described products on part(s) of Sections 1, 14 and 23 all in Township 31 North, Range 6 East, W.M., containing 50 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program 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	11	1,989				73		1,075	559	215	67
Douglas fir	34	8	455				110		329	8	8	
Red cedar	19		205							154	51	
Cottonwood	26		113						113			
Maple	18		31						13	4	14	
Red alder	21		10						7		3	
Silver fir	22		9						6	3		
Sale Total			2,812									

MINIMUM BID: \$719,000.00

BID METHOD: Sealed Bids

PERFORMANCE

SECURITY: \$100,000.00

SALE TYPE: Lump Sum

EXPIRATION DATE: March 31, 2018

ALLOCATION: Export Restricted

BID DEPOSIT: \$71,900.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable; cable or shovel on sustained slopes 35% or less. Falling and Yarding will not be permitted from November 1 to March 31 unless authorized in writing by the Contract

TIMBER NOTICE OF SALE

Administrator (THIS PERTAINS TO GROUND-BASED EQUIPMENT ONLY) to reduce soil damage and erosion.

Additional restrictions apply, see Remarks section below.

ROADS:

18.47 stations of optional construction. 18.47 stations of road to be abandoned if built. 565.71 feet of pre-haul maintenance.

Rock may be obtained from the following source(s) on State land at no charge to the Purchaser: JC-4403 Hardrock Pit at station 12+20 of the JC-44 Road. JC-2228-06 Hardrock Pit at station 34+35 of the JC-2228 Road. JC-2211 Hardrock Pit at station 57+23 of the JC-22 Road.

NOTE: The JC-2211 Hardrock Pit to be used only as approved in writing by the Contract Administrator as a limited capping or for maintenance. Riprap may be used as needed.

Development of existing rock source(s) will involve clearing, stripping, drilling, shooting, and processing rock to generate riprap, clean shot rock, and 3-inch-minus ballast.

There are existing stockpiles of 3-inch-minus ballast rock and riprap available for use in the JC-4403 Hardrock Pit and the JC-2211 Hardrock Pit.

An estimated total quantity of rock needed for this proposal: 40 cubic yards of riprap, 1,760 cubic yards of shot ballast and 347 cubic yards of 3-inch-minus ballast rock.

Additional restrictions apply, see Remarks section below.

Road construction, pre-haul maintenance, 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.

ACREAGE DETERMINATION

CRUISE METHOD: Acres determined by GPS traverse. 52.3 acres gross. 1.9 acres deducted for green tree retention clumps. 50.4 acres net. Cruised using variable plot method. Expansion factor used is 54.4 and 62.5. Sighting height is 4.5 feet. A total of 56 plots were taken.

Shapefiles of units are available upon request.

FEES:

\$49,913.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS:

1. Wildlife timing restrictions are: no falling, bucking, yarding or operation of heavy equipment April 1 to August 31 from one hour before official sunrise to two hours after official sunrise and one before and after official sunset. Timing restrictions will be applied to Unit #3.

2. The DNR's standard conversion factor is 600 board feet per cord (cord = 128 cubic feet). Forest products has been converted to MBF for payment purposes. Approximately 30 cords scattered throughout the Unit #1 (% shingle material & % shake material estimates were not made). This volume equates to approximately 18 mbf of cedar which was added to the 4S in the sale volume above.

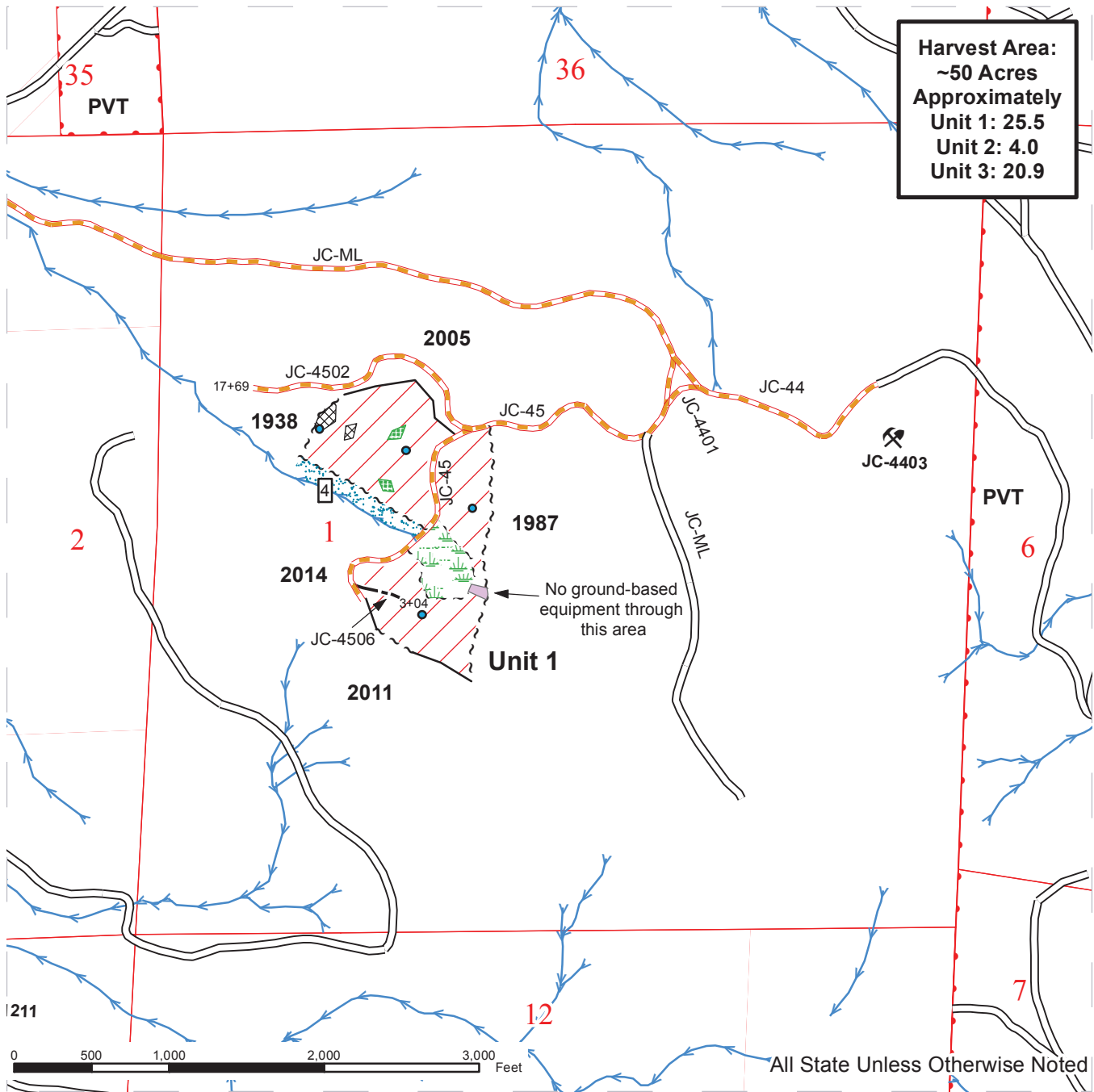
TIMBER NOTICE OF SALE

3. HQ DF noted within the sale area. See cruise for further details (approximately 42 mbf of the above listed DF 2S is deemed high quality by the Department).

TIMBER SALE MAP

SALE NAME: Ursa Major
 AGREEMENT#: 93095
 TOWNSHIP(S): T31R06E
 TRUST(S): 01

REGION: Northwest
 COUNTY(S): Snohomish
 ELEVATION RGE: 1200-1681'

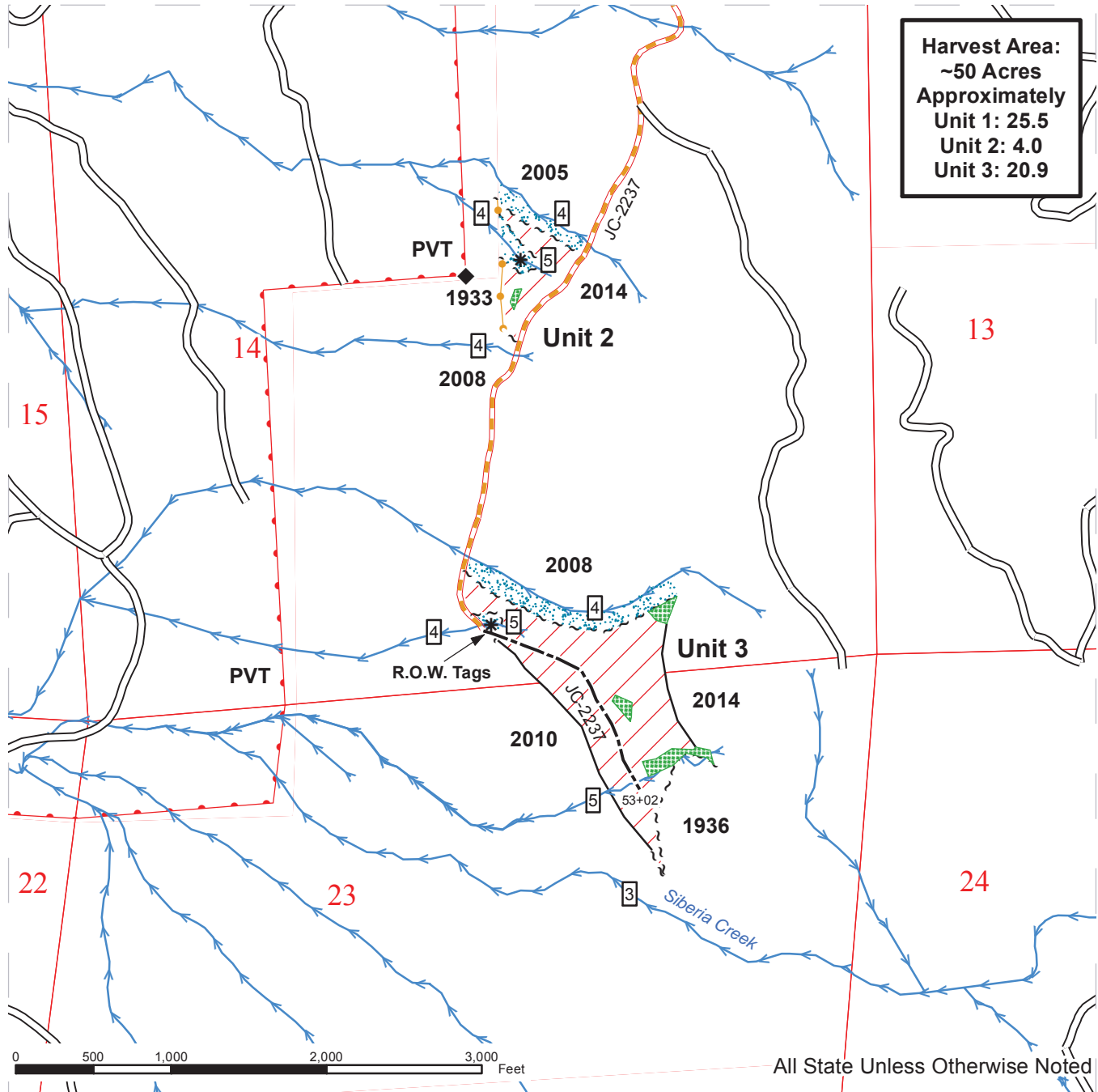


Sale Area	Streams	Existing Road
Sale Boundary Tags	Stream Type	Pre-Haul Maintenance
Sale Boundary (No Tags)	Stream Type Break	Optional Construction
Painted Take Trees	Riparian Mgt Zone	No Equipment Zone
Leave LWD	Wetland Mgt Zone	DNR Managed Lands
	Leave Tree Area	Rock Pit
	Nontradeable Leave Tree Area	Survey Corner

TIMBER SALE MAP

SALE NAME: Ursa Major
 AGREEMENT#: 93095
 TOWNSHIP(S): T31R06E
 TRUST(S): 01

REGION: Northwest
 COUNTY(S): Snohomish
 ELEVATION RGE: 1200-1681'



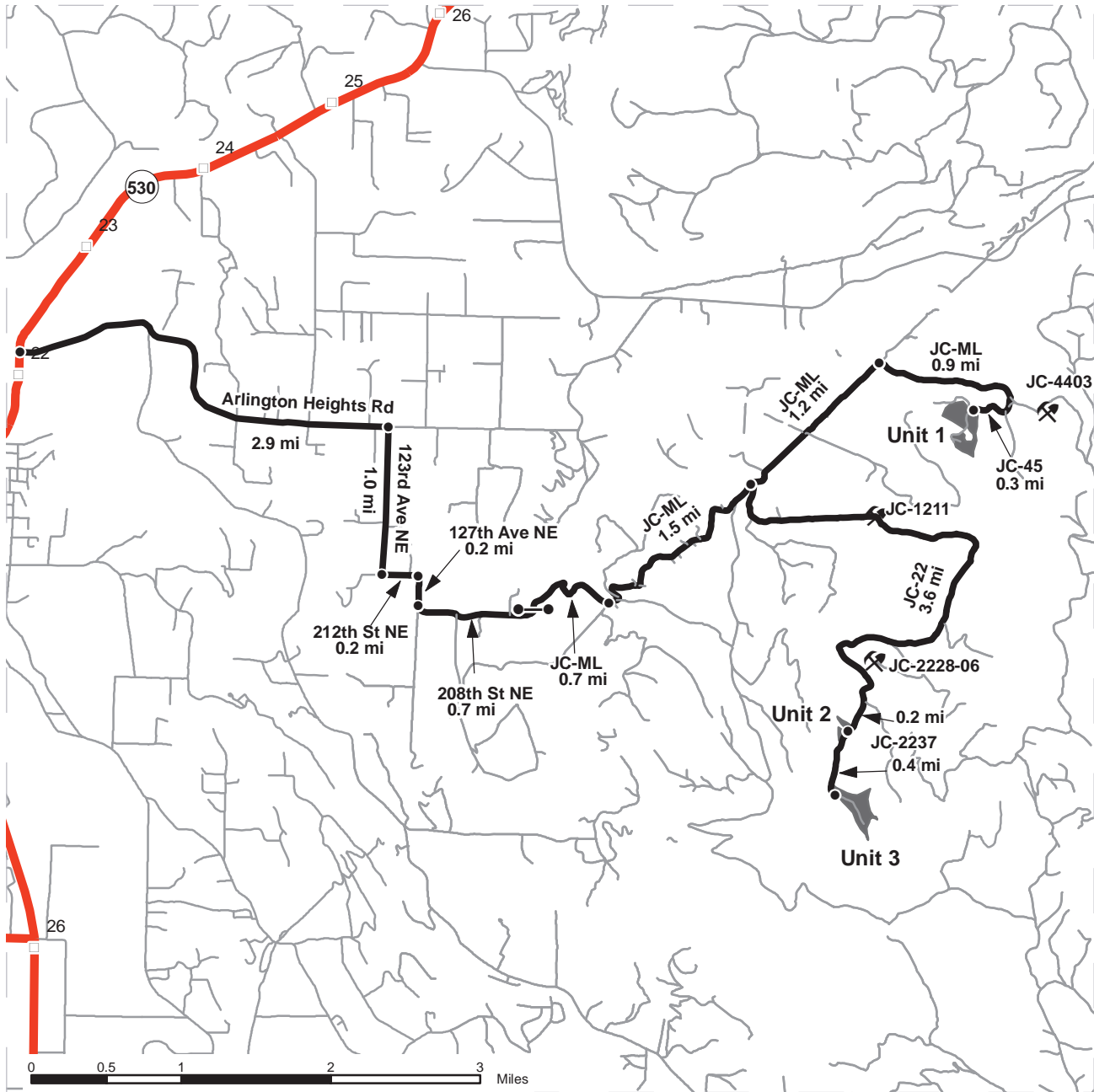
**Harvest Area:
 ~50 Acres
 Approximately
 Unit 1: 25.5
 Unit 2: 4.0
 Unit 3: 20.9**

Sale Area	Streams	Existing Road
Sale Boundary Tags	Stream Type	Pre-Haul Maintenance
Sale Boundary (No Tags)	Stream Type Break	Optional Construction
Painted Take Trees	Riparian Mgt Zone	No Equipment Zone
Leave LWD	Wetland Mgt Zone	DNR Managed Lands
	Leave Tree Area	Rock Pit
	Nontradeable Leave Tree Area	Survey Corner

DRIVING MAP

SALE NAME: URSA MAJOR
 AGREEMENT#: 93095
 TOWNSHIP(S): T31R06E
 TRUST(S): State Forest Transfer(1)

REGION: Northwest Region
 COUNTY(S): SNOHOMISH
 ELEVATION RGE: 1200-1681'



	Timber Sale Unit
	Highways
	Other Route
	Haul Route
	Milepost Markers
	Gate
	Rock Pit
	Distance Indicator

DRIVING DIRECTIONS:

From Arlington, travel east on SR-530. Turn right on Arlington Heights Road 0.1 miles after milepost 22 and travel for 2.9 miles. Turn right onto 123rd Avenue NE and travel for 1 mile. Turn left onto 212th Street NE and travel for 0.2 miles. Turn right onto 127th Avenue NE and travel for 0.2 miles. Veer left onto 208th Street NE and travel 0.7 miles to the gate at the end of the county road (JC-ML). From the gate:

To reach Unit 1:
 Follow the JC-ML for 0.7 mile until reaching the power lines. Turn left on the Powerline Rd. (JC-ML) and continue for 2.7 miles to a junction. Turn right and continue on the JC-ML for 0.9 miles to JC-45. Turn right and travel 0.3 miles to the unit.

To reach Units 2 and 3:
 Follow the JC-ML for 0.7 mile until reaching the power lines. Turn left on the Powerline Rd. (JC-ML) and continue for 1.5 miles to JC-22. Turn right onto JC-22 and travel for 3.6 miles. Veer left onto JC-2237. Continue on JC-2237 for 0.2 miles to reach Unit 2, and for 0.6 miles to reach Unit 3.



TIMBER NOTICE OF SALE

SALE NAME: MATTS BACKYARD

AGREEMENT NO: 30-093008

AUCTION: April 27, 2016 starting at 10:00 a.m., **COUNTY:** Whatcom
Northwest Region Office, Sedro Woolley, WA

SALE LOCATION: Sale located approximately 2 miles northeast of Acme, WA

PRODUCTS SOLD AND SALE AREA: All timber bounded by white timber sale boundary tags, property lines, Mosquito Lake Road, and CMQ-12 Road, 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 cedar logs in the Unit.

The above described products on part(s) of Sections 4 and 9 all in Township 35 North, Range 7 East, W.M., containing 68 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program 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	16	8	1,394						585	631	158	20
Red alder	12		30								12	18
Cottonwood	26		22						19			3
Maple	14		12						2	2	2	6
Red cedar	43		7							7		
Sale Total			1,465									

MINIMUM BID: \$390,000.00 **BID METHOD:** Sealed Bids

PERFORMANCE SECURITY: \$78,000.00 **SALE TYPE:** Lump Sum

EXPIRATION DATE: March 31, 2017 **ALLOCATION:** Export Restricted

BID DEPOSIT: \$39,000.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable; cable or shovel on sustained slopes 35% or less. 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.

ROADS: 55.87 stations of pre-haul maintenance. 110.15 stations of post-haul maintenance.

Rock may be obtained from the following source(s) on State land at no charge to the Purchaser: McCoy pit at station 22+50 of the MM-22 Road, existing 2-inch minus crushed rock stockpile.

An estimated total quantity of rock needed for this proposal: 1,230 cubic yards of 2-inch minus rock.

TIMBER NOTICE OF SALE

Road work, including but not limited to prehaul maintenance, 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.

ACREAGE DETERMINATION

CRUISE METHOD: Acres determined by GPS traverse. 84.7 acres gross. 4.3 acres deducted for green tree retention clumps and 10 acres for RMZs and 2.0 acres for existing road area. 68.4 acres net. Cruised using variable plot method. Expansion factor used is 40.00. Sighting height is 4.5 feet. A total of 67 plots were taken.

FEES: \$26,003.75 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

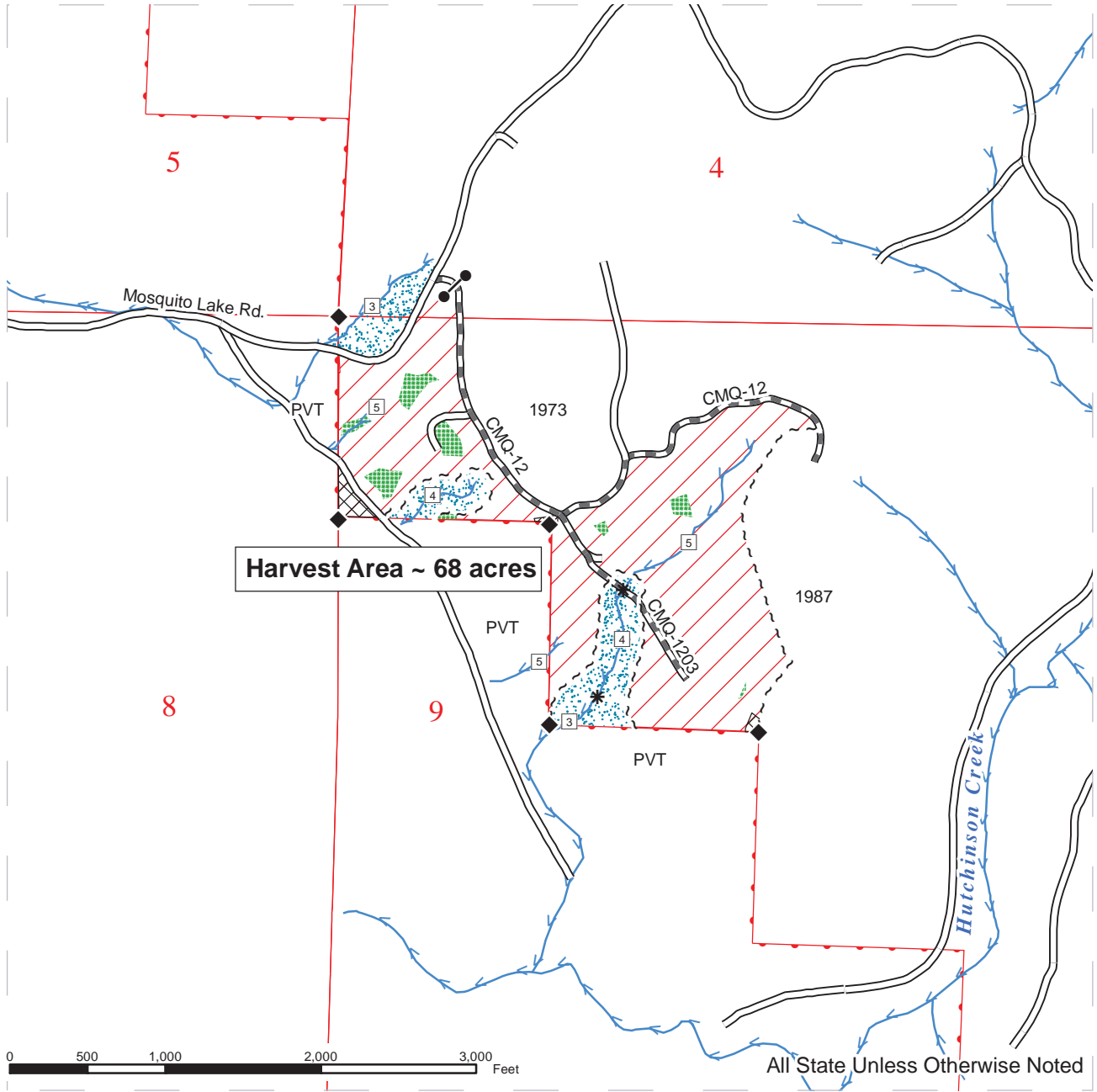
SPECIAL REMARKS:

1. Trees marked with pink paint represent the last take tree on State land along property line boundaries.
2. This sale was set up with the intention of all ground-based yarding.
3. Shapefiles of units available upon request.

TIMBER SALE MAP

SALE NAME: Matt's Backyard
AGREEMENT#: 30-093008
TOWNSHIP(S): T37R05E
TRUST(S): State Forest Transfer(1)

REGION: Northwest
COUNTY(S): Whatcom
ELEVATION RGE: 300-720



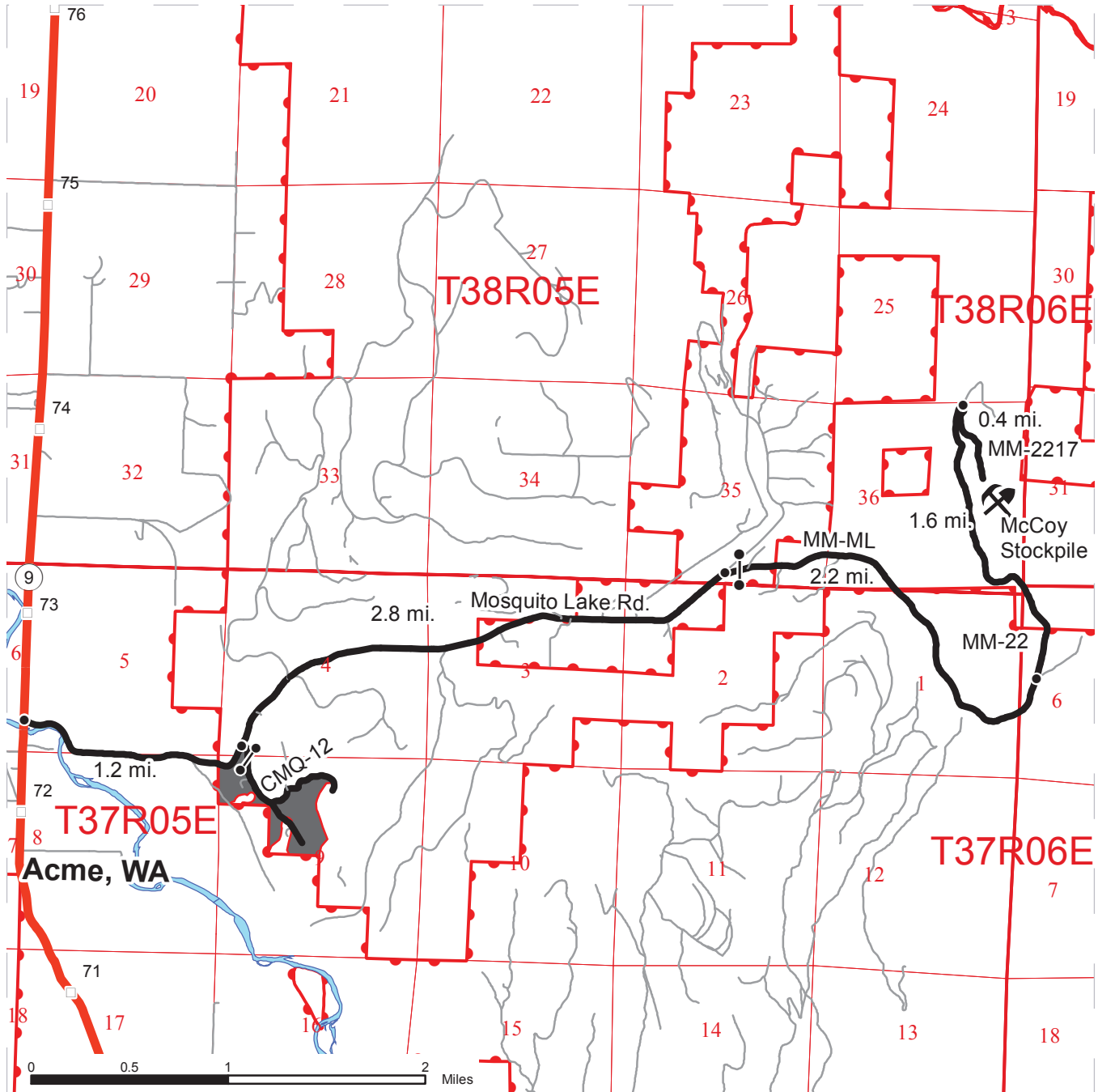
	Sale Area		Timber Sale Tags		Streams
	Leave Tree Area		Existing Road		Stream Type
	Non-Tradable Leave Tree Area		Required Pre-Haul Maintenance		Stream Type Break
	Riparian Mgt Zone		Survey Corner		Gate
	DNR Managed Lands				



DRIVING MAP

SALE NAME: MATT'S BACKYARD
AGREEMENT#: 93008
TOWNSHIP(S): T37R05E
TRUST(S): State Forest Transfer(1)

REGION: Northwest Region
COUNTY(S): WHATCOM
ELEVATION RGE: 308-829



- Timber Sale Unit
- Highways
- Other Route
- Haul Route
- DNR Managed Lands
- Milepost Markers
- Distance Indicator

DRIVING DIRECTIONS:

From Acme, WA, travel 0.3 miles north on HWY. 9 and turn right on Mosquito Lake Rd. Travel 1.2 miles and turn right on the CMQ-12. Arrive at Unit 1.

DIRECTIONS TO MCCOY STOCKPILE:

From the junction of Mosquito Lake Rd. and the CMQ-12, travel 2.8 miles on Mosquito Lake Rd. and turn right onto the MM-ML. Travel 2.2 miles on the MM-ML and turn slight left onto the ML-22. Continue on the MM-22 for 1.6 miles and turn right onto the ML-2217. Travel 0.4 miles on the MM-2217, arrive at McCoy Stockpile

