



State of Washington

Department of Natural Resources

Hilary S. Franz, Commissioner of Public Lands

TO: Members of the Board of Natural Resources

FROM: Product Sales and Leasing Division

SUBJECT: Timber Sales Packet to be Presented at the
October 2017 Board Meeting

Attached is a package of timber sales proposed for auction the week of November 14 – 16, 2017. This packet will be presented to the Board of Natural Resources at the October 3, 2017 Board Meeting.

SUMMARY OF PROPOSED BOARD SALES

NOVEMBER 2017

FY18

No.	County	Region	FSC®		Sale Name	Species	Acres	Age	Harvest Type	Volume MBF/Acre	Value/MBF	Total MBF	Total Minimum Bid Value
			Agree #	∞ Trust									
1	Clallam	OLY	95438	01-81%,03-19%	95/96 SPLIT	WW-66%,DF-31%,RA-3%	132	38	VRH	25	\$239	3,257	\$777,000
2	Cowlitz	PC	95094	01-54%,03-41%,10-5%	CANT DOG	WW-61%,DF-36%,RA-3%	89	80	VRH	48	\$332	4,230	\$1,404,000
3	Cowlitz	PC	95096	01-1%,03-40%,04-21%,07-8%,10-30%	NIVLOC	DF-96%,WW-2%,RA-2%	168	82	VRH	42	\$391	7,107	\$2,782,000
4	Cowlitz	PC	95103	06-12%,10-88%	WEST HERRINGTON	DF-75%,WW-19%,RA-6%	163	45	VRH	26	\$351	4,198	\$1,475,000
5	Grays Harbor	PC	95097	03-81%,07-6%,08-13%	BADGER	DF-75%,RA-16%,WW-9%	149	81	VRH	31	\$369	4,601	\$1,698,000
6	Jefferson	OLY	95307	03-100%	MAPLE SYRUP VRH RMZ THIN	WW-71%,DF-27%,RA-1%	224	47	VRH-96%,VDT-4%	30	\$243	6,660	\$1,621,000
7	King	SPS	94676	∞ 01-99%,10-1%	LONG CUT VRH RMZ	DF-60%,WW-23%,RA-13%, RC-4%	121	68	VRH-93%,VDT-7%	40	\$322	4,835	\$1,557,000
8	Lewis	PC	95616	02-3%,03-73%,10-24%	WALK IN THE PARK VRH RMZ	DF-94%,WW-4%,RA-2%	102	43	VRH-90%,VDT-10%	24	\$409	2,447	\$1,002,000
9	Mason	SPS	94076	03-86%,06-14%	SAW LINK	DF-81%,WW-15%,RA-4%	196	75	VRH	28	\$331	5,483	\$1,815,000
10	Pierce	SPS	94197	∞ 01-23%,02-59%,03-6%,41-12%	HECKENPECK	DF-92%,RA-6%,WW-2%	121	73	VRH	31	\$383	3,796	\$1,452,000
11	Snohomish	NW	95158	12-100%	GREEN RIVER VRH RMZ	DF-94%,WW-5%,RA-1%	191	42	VRH-97%,VDT-3%	26	\$400	5,048	\$2,020,000
Totals							1,656			31	\$341	51,662	\$17,603,000

Trust Codes:	Harvest Type:	Species Codes:
01 = State Forest Board Transfer	VRH=Variable Retention Harvest	DF= Douglas-fir
02 = State Forest Board Purchase	VDT=Variable Density Thinning	WL= Western larch
03 = Common School & Indemnity	CT=Commercial Thinning	RA= Red alder
04 = Agricultural School	UM=Uneven-aged Mgmt	PP= Ponderosa pine
05 = University - Transferred	SR=Shelterwood Removal	RC= Western redcedar
06 = C.E.P. & R.I.		LP= Lodgepole pine
		WW= White Woods (hemlock and true firs)

∞ 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

NOVEMBER 2017

FY18

No.	County	Agreement #	Sale Name	Acres	Threshold Determination		SEPA Comments
					DNS - Class IV	MDNS - Class III	
1	Clallam	95438	95/96 SPLIT	132		X	NOAA, OFCo, WFLC
2	Cowlitz	95094	CANT DOG	89		X	
3	Cowlitz	95096	NIVLOC	168		X	
4	Cowlitz	95103	WEST HERRINGTON	163		X	
5	Grays Harbor	95097	BADGER	149		X	
6	Jefferson	95307	MAPLE SYRUP VRH RMZ THIN	224		X	OFCo
7	King	94676	LONG CUT VRH RMZ	121		X	Neighbor Concerns
8	Lewis	95616	WALK IN THE PARK VRH RMZ	102		X	
9	Mason	94076	SAW LINK	196		X	
10	Pierce	94197	HECKENPECK	121		X	
11	Snohomish	95158	GREEN RIVER VRH RMZ	191		X	

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



TIMBER NOTICE OF SALE

SALE NAME: 95/96 SPLIT

AGREEMENT NO: 30-95438

AUCTION: November 15, 2017 starting at 10:00 a.m., COUNTY: Clallam
Olympic Region Office, Forks, WA

SALE LOCATION: Sale located approximately 18 miles northwest 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, the D-5095 and the D-5096 Roads in Unit 1; timber sale boundary tags and the D-5095 Road in Unit 2; timber sale boundary tags in Units 3 and 4; timber sale boundary tags, the D-5096 Road, and an orange blazed line in Unit 5; timber sale boundary tags and the D-5096.2 and D-5096.21 Roads in Unit 6 and timber sale boundary tags, the D-5000 Road and timber type change in Unit 7; all timber bounded by right of way boundary tags on part(s) of Sections 25, 26, 35 and 36 all in Township 30 North, Range 15 West, W.M., containing 132 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:

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

MINIMUM BID: \$777,000.00 BID METHOD: Sealed Bids

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

EXPIRATION DATE: October 15, 2019 ALLOCATION: Export Restricted

BID DEPOSIT: \$77,700.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: 85% Ground and 15% Uphill Cable. Rubber tire skidders will only be allowed if skid trail and rutting requirements can be met and a harvest plan is submitted and accepted. 30' equipment limitation zones on all typed waters.

ROADS: 1.51 stations of optional construction. 269.80 stations of optional pre-haul maintenance. 19.71 stations of deactivation. In Mora Pit, Purchaser must trip approximately 0.5 acres to useable rock and place overburden into reclamation area as directed by the Contract Administrator. Stripping must be completed before Pre haul maintenance unless otherwise approved by Contract Administrator. On the D-5095 (0+00 - 25+50, 101+50 - 102+90), D-5095.6 (0+00 - 9+65), and the D-5095.61 (0+00 - 1+00) there will be no activities, other than haul, from one hour before official sunrise to two hours after official



TIMBER NOTICE OF SALE

sunrise and from one hour before official sunset to one hour after official sunset from April 1 through September for marbled murrelet restrictions. Timber haul, rock haul, pre-haul maintenance and road construction will not be permitted from October 15 to April 15 unless authorized in writing by the Contract Administrator on the D-5096 and the D-5096.2 Roads .

ACREAGE DETERMINATION

CRUISE METHOD: Sale acreage was 99% GPS'd and 1% photo traversed. Sale units were cruised using a variable plot sample.

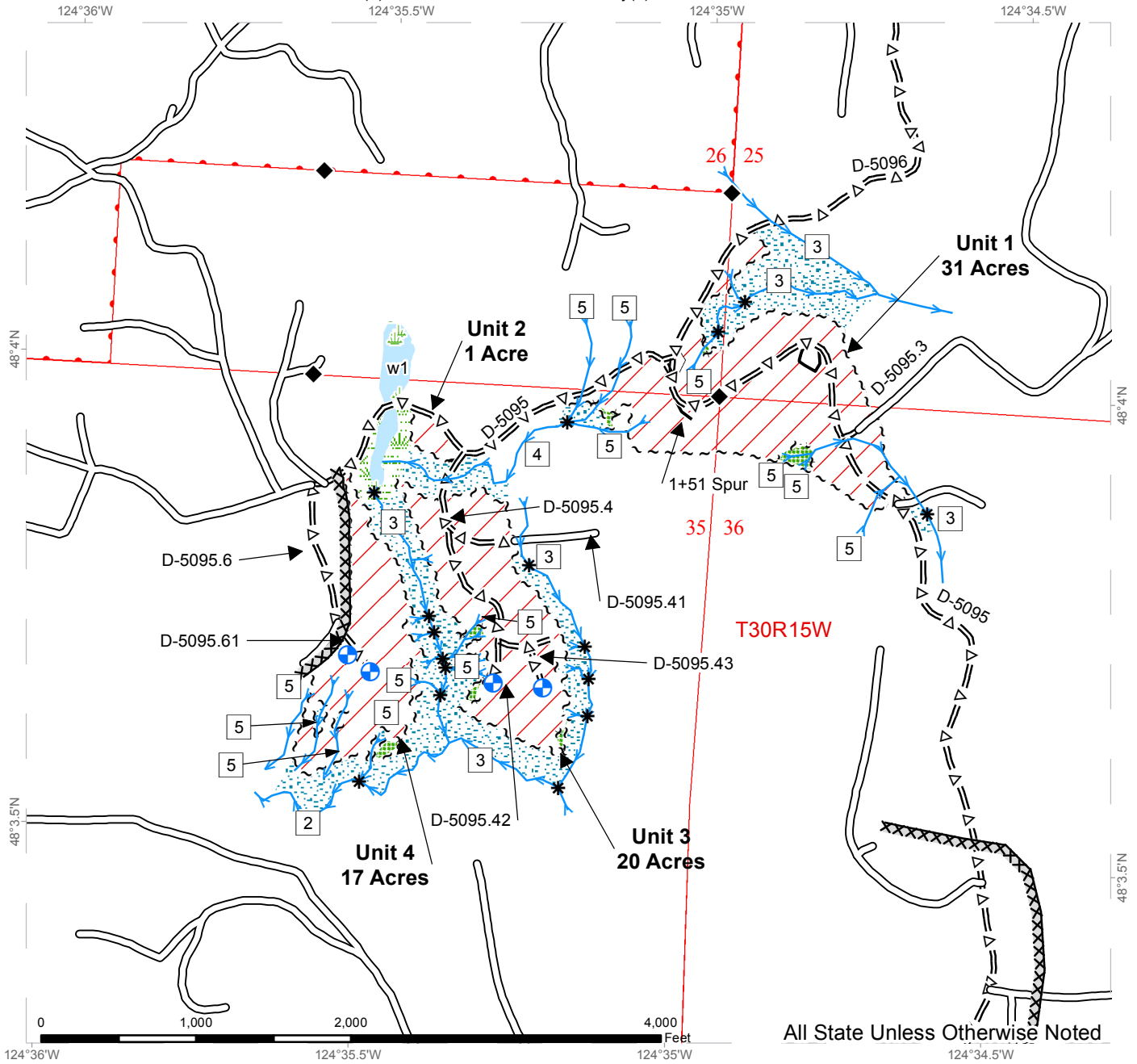
FEES: \$57,812.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: There is a locked gate on the D-3400 Road - contact the Olympic Region Dispatch Center at 360-374-2811, to obtain a AA-1 key. All work associated with the D-5096.2 Road stream crossing at station 13+95 and Unit 6 shall be completed between June 15 and October 15 of 2018.

TIMBER SALE MAP

SALE NAME: 95/96 SPLIT
AGREEMENT #: 30-095438
TOWNSHIP(S): T30R15W
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

REGION: Olympic Region
COUNTY(S): CLALLAM
ELEVATION RGE: 102'-690'



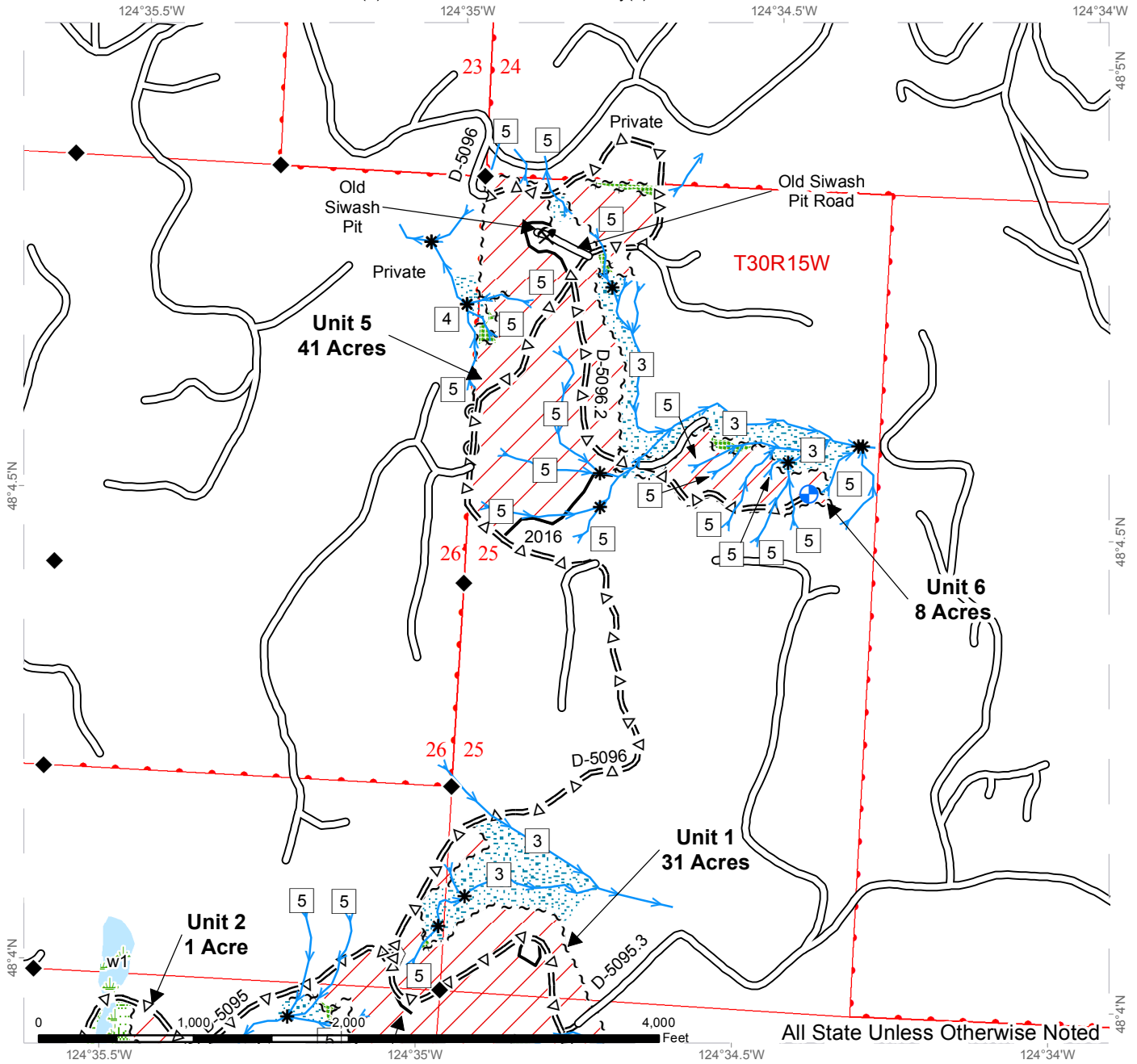
All State Unless Otherwise Noted

~ ~ ~ ~ Sale Boundary Tags	=Δ= Optional Pre-Haul Maintenance	Riparian Mgt Zone
⊙—⊙— Orange Blaze Line	--- Optional Construction	Wetlands - Non-forested
~ ~ ~ Leave Tree Tags	Proposed Landing	Wetland Mgt Zone
~ ~ ~ ~ Right of Way Tags	Rock Pit	Variable Retention Harvest
— Timber Type Change	Streams	Open Water
xxxxx Timing Restriction	□ Stream Type	Survey Monument
Existing Roads	* Stream Type Break	
	Leave Tree Area	

TIMBER SALE MAP

SALE NAME: 95/96 SPLIT
AGREEMENT #: 30-095438
TOWNSHIP(S): T30R15W
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

REGION: Olympic Region
COUNTY(S): CLALLAM
ELEVATION RGE: 102'-690'

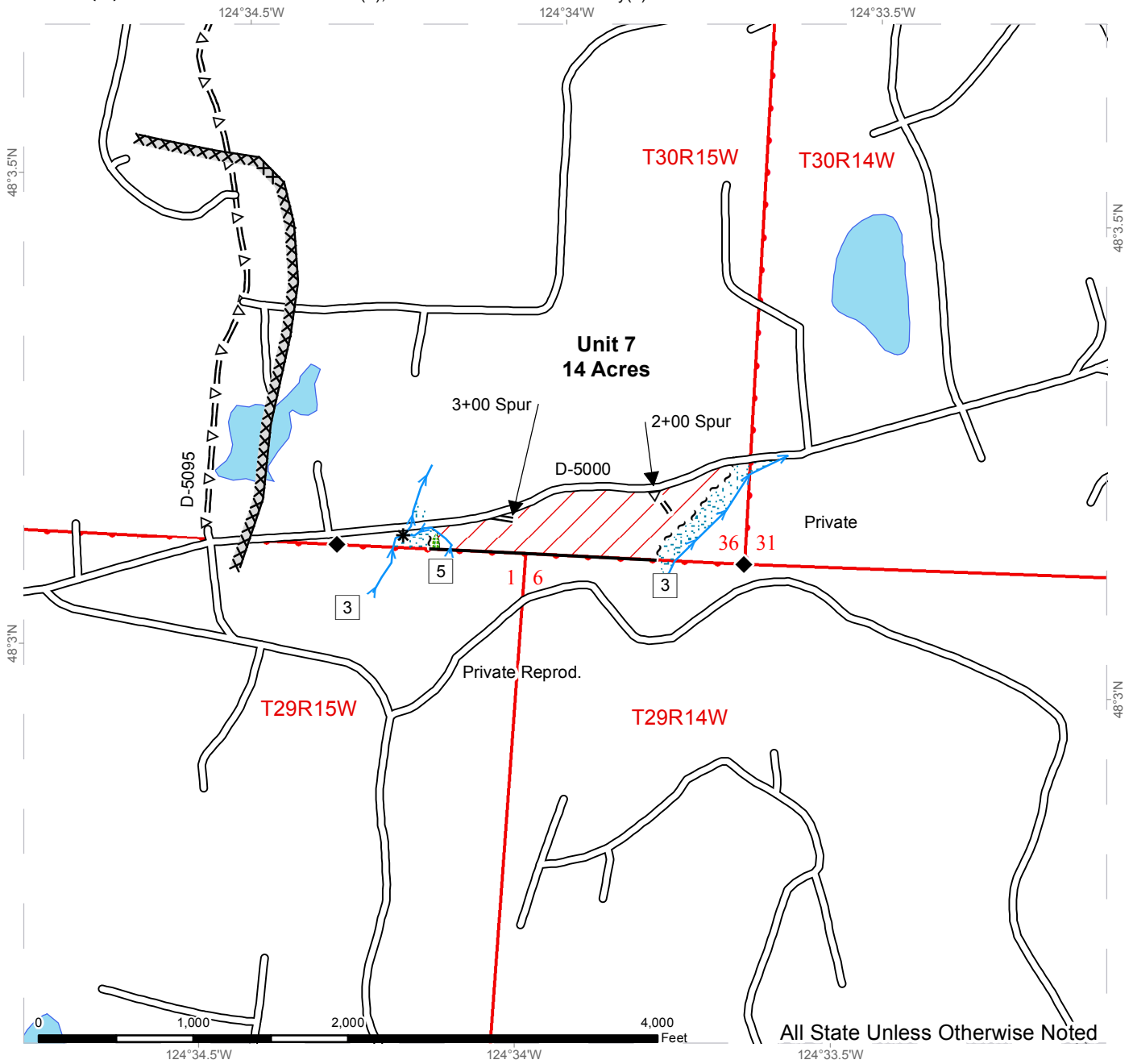


~ ~ ~ ~ Sale Boundary Tags	=Δ= Optional Pre-Haul Maintenance	Riparian Mgt Zone
⊙—⊙— Orange Blaze Line	--- Optional Construction	Wetlands - Non-forested
~ ~ ~ Leave Tree Tags	⊕ Proposed Landing	Wetland Mgt Zone
~ ~ ~ ~ Right of Way Tags	⚡ Rock Pit	Variable Retention Harvest
— Timber Type Change	→ Streams	Open Water
xxxxx Timing Restriction	□ Stream Type	◆ Survey Monument
— Existing Roads	* Stream Type Break	
	Leave Tree Area	

TIMBER SALE MAP

SALE NAME: 95/96 SPLIT
AGREEMENT #: 30-095438
TOWNSHIP(S): T30R15W
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

REGION: Olympic Region
COUNTY(S): CLALLAM
ELEVATION RGE: 102'-690'



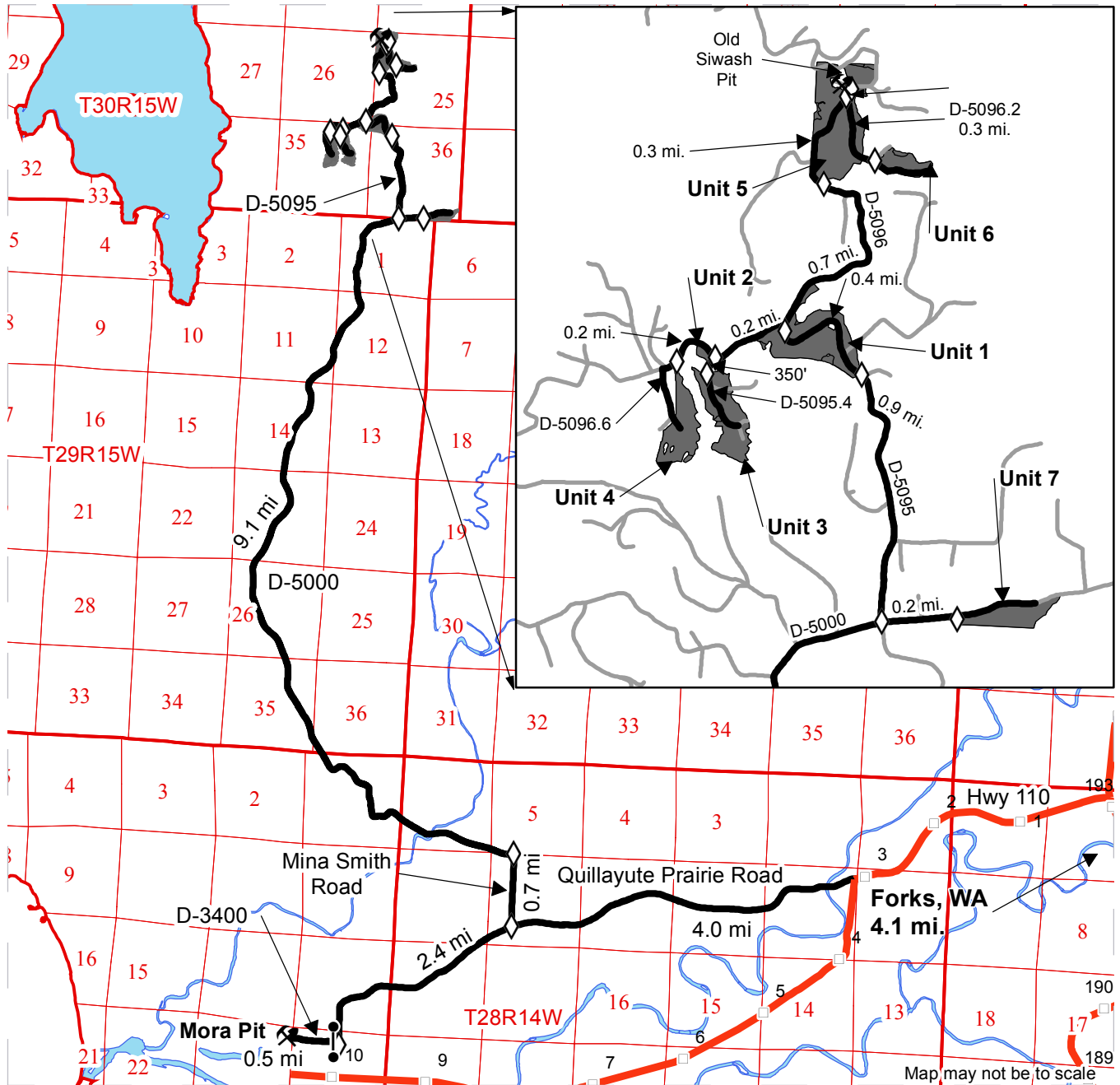
~ ~ ~ ~ Sale Boundary Tags	=Δ= Optional Pre-Haul Maintenance	Riparian Mgt Zone
⊙—⊙— Orange Blaze Line	— — — Optional Construction	Wetlands - Non-forested
~ ~ ~ Leave Tree Tags	Proposed Landing	Wetland Mgt Zone
~ ~ ~ ~ Right of Way Tags	Rock Pit	Variable Retention Harvest
— Timber Type Change	Streams	Open Water
xxxxx Timing Restriction	□ Stream Type	◆ Survey Monument
Existing Roads	* Stream Type Break	
	Leave Tree Area	



DRIVING MAP

SALE NAME: 95/96 SPLIT
AGREEMENT#: 30-095438
TOWNSHIP(S): T30R15W
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

REGION: Olympic Region
COUNTY(S): CLALLAM
ELEVATION RGE: 102'-690'



- Timber Sale Unit
- Distance Indicator
- Gate (AA-1)
- Rock Pit
- Haul Route
- Highway
- Milepost Markers
- Open Water

DRIVING DIRECTIONS:

All Units and Pits: From Forks, WA travel north 1 mi. on Hwy 101 and turn west on Hwy 110. Continue 3.1 mi. and turn west on Quillayute Prairie Road. Continue 4.0 mi. to Mina Smith Road. Continue on Quillayute Prairie Rd for 2.4 mi. and turn west on the D-3400. Continue 0.5 mi. to Mora Pit. On Quillayute Prairie Rd at Mina Smith Rd. travel north on Mina Smith for 0.7 mi. and turn west on the D-5000. Continue 9.1 mi. to the D-5095. Continue on the D-5000 for 0.2 mi. to Unit 7. On the D-5000 at the D-5095 travel north on the D-5095 0.9 mi. to Unit 1. Continue on the D-5095 0.4 mi. to the D-5095/D-5096 Junction. Continue west on the D-5095 0.2 mi. to Unit 2. At Unit 2 turn south on the D-5095.4 and travel south 350' to Unit 3. From Unit 2 continue 0.2 mi. on the D-5095 to Unit 4. From the D-5095/D-5096 Junction travel north on the D-5096 0.7 mi. to Unit 5. Continue on the D-5096 0.3 mi. and turn south on the D-5096.2. Continue 0.3 mi. to Unit 6.





TIMBER NOTICE OF SALE

SALE NAME: CANT DOG

AGREEMENT NO: 30-95094

AUCTION: November 16, 2017 starting at 10:00 a.m., COUNTY: Cowlitz
Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 9 miles west of Longview

PRODUCTS SOLD AND SALE AREA:

All timber, except leave trees marked with blue paint, trees bounded out by yellow "Leave Tree Area" tags, snags and all down timber existing 5 years prior to the day of sale, bound by the following: white "Timber Sale Boundary" tags, reprod and the E-4000, E-4002, and the Slide Creek Mainline in Unit 1; white "Timber Sale Boundary" tags, reprod, E-4100, E-4140 and E-4150 in Unit 2; and white "Timber Sale Boundary" tags, reprod and the E-4150 in Unit 3 on part(s) of Sections 3 and 16 all in Township 9 North, Range 4 West, Sections 34 all in Township 10 North, Range 4 West, W.M., containing 89 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:

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

MINIMUM BID: \$1,404,000.00 BID METHOD: Sealed Bids

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

EXPIRATION DATE: October 31, 2019 ALLOCATION: Export Restricted

BID DEPOSIT: \$140,400.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvesting activities are estimated to be 10% cable harvesting and 90% ground-based harvesting. Ground-based harvesting equipment shall be restricted to slopes of 45% and less, and during dry soil conditions. See clauses H-140 and H-141 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.

ROADS: 275.00 stations of required construction. 275.00 stations of optional construction. 271.60 stations of required pre-haul maintenance. 1.98 stations of optional pre-haul maintenance. 15.99 stations of required light abandonment. Rock for pre-haul maintenance and construction under this contract may be obtained at no cost to the Purchaser from the following rock source; E-4151 Pit located in Section 34, Township 10



TIMBER NOTICE OF SALE

North, Range 04 West, WM, Road construction will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

CRUISE METHOD: The sale acres were determined by a combination of GIS and GPS delineation. Cruise was completed using variable plot cruise methods.

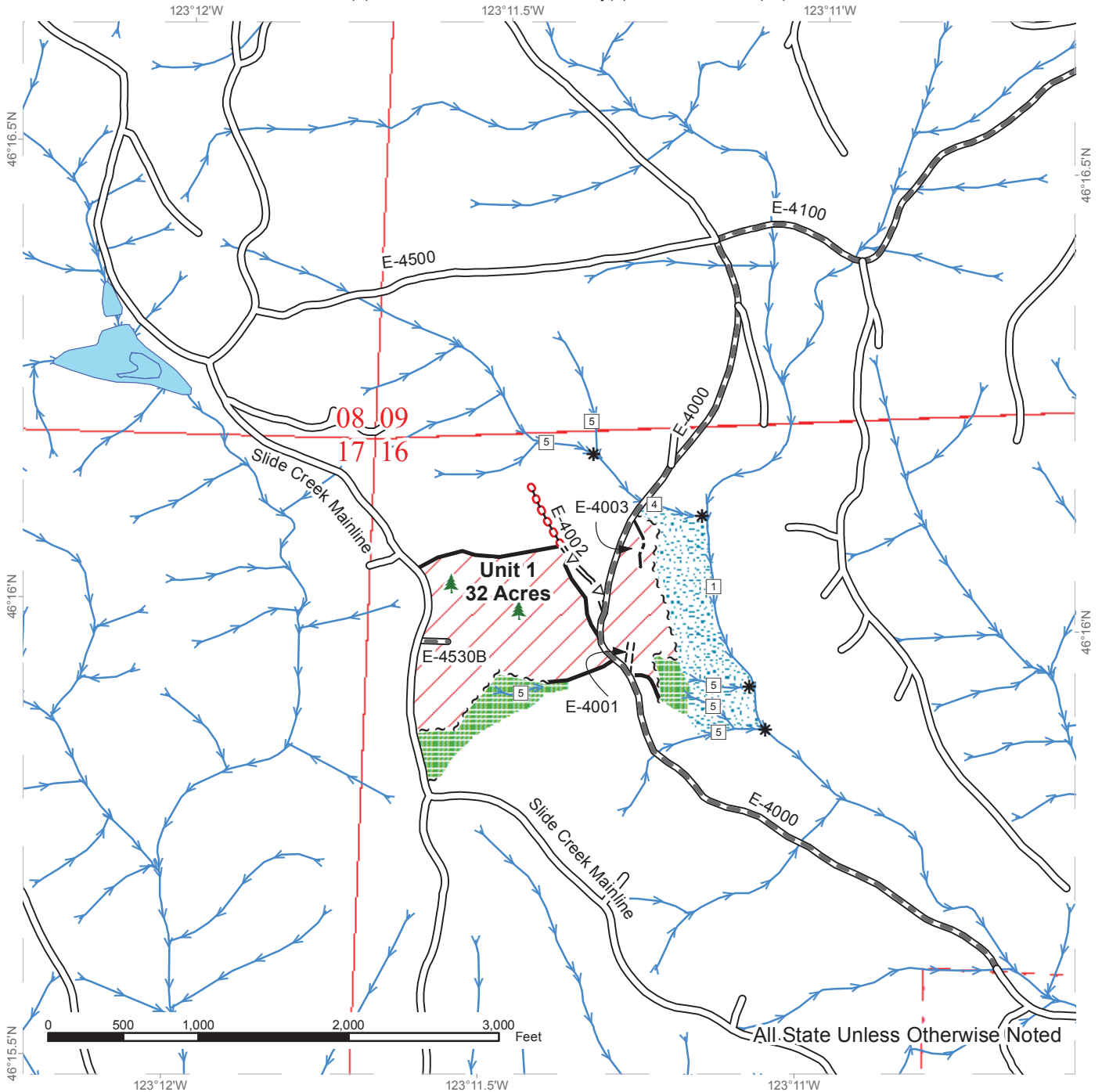
FEES: \$75,082.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale has approximately 320 MBF of high quality DF 2 sawlog , 112 MBF of high quality DF 3 sawlog, 781 MBF of high quality WH 2 sawlog, 183 MBF of high quality WH 3 sawlog, and 7 MBF of high quality SF 2 sawlog, see cruise for further information.

TIMBER SALE MAP

SALE NAME: CANT DOG
AGREEMENT #: 30-095094
TOWNSHIP(S): T10R04W, T09R04W
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Scientific School(10)

REGION: Pacific Cascade Region
COUNTY(S): COWLITZ
ELEVATION RGE: 722-1986



All State Unless Otherwise Noted

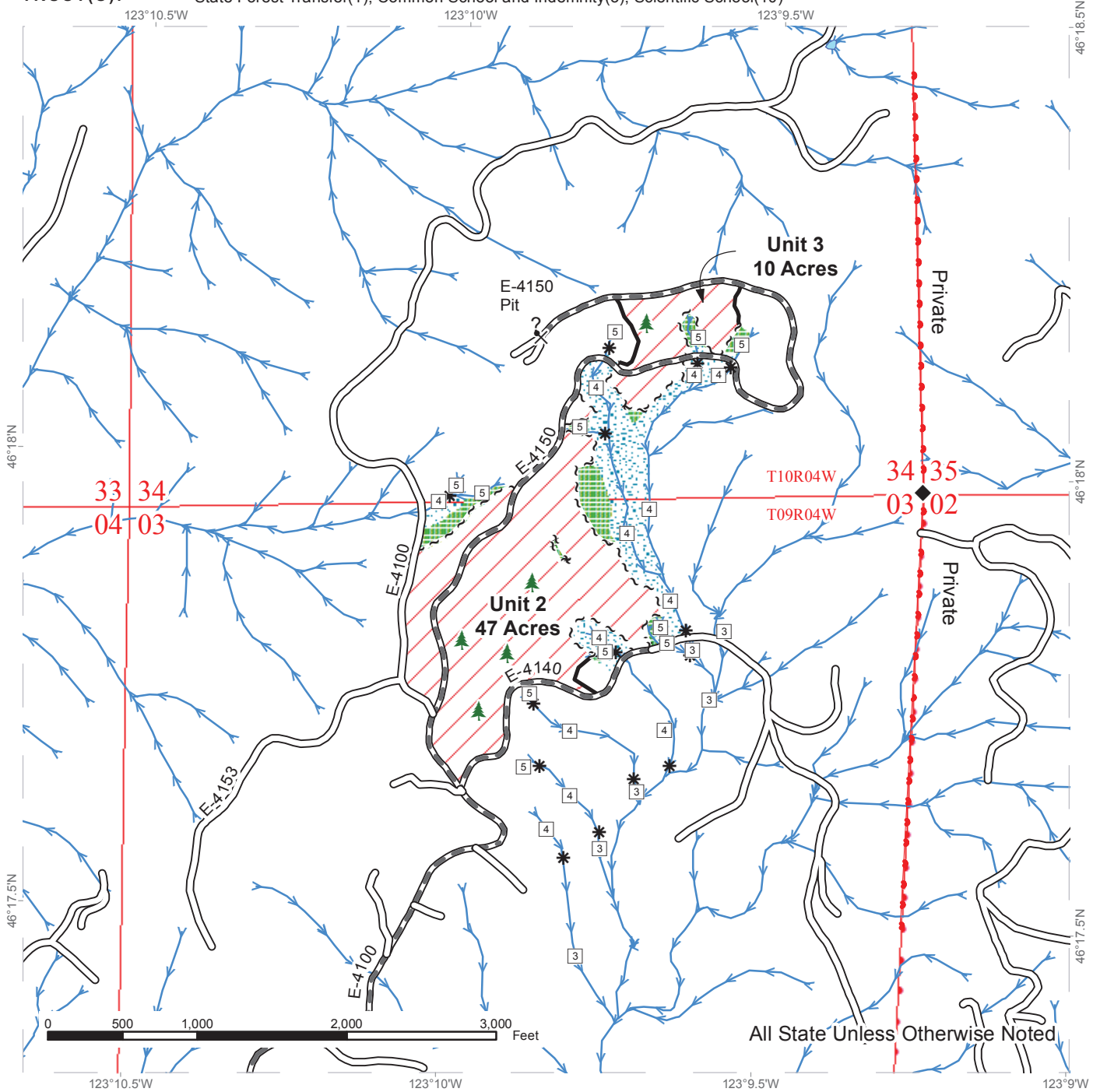
	Variable Retention Harvest		Existing Roads		Streams
	Leave Tree Area		Required Pre-Haul Maintenance		Stream Type
	Riparian Mgt Zone		Required Construction		Stream Type Break
	Sale Boundary Tags		Optional Pre-Haul Maintenance		Leave Trees
	Leave Tree Tags		Optional Construction		
	Reprod		Required Abandonment		



TIMBER SALE MAP

SALE NAME: CANT DOG
AGREEMENT #: 30-095094
TOWNSHIP(S): T10R04W, T09R04W
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Scientific School(10)

REGION: Pacific Cascade Region
COUNTY(S): COWLITZ
ELEVATION RGE: 722-1986

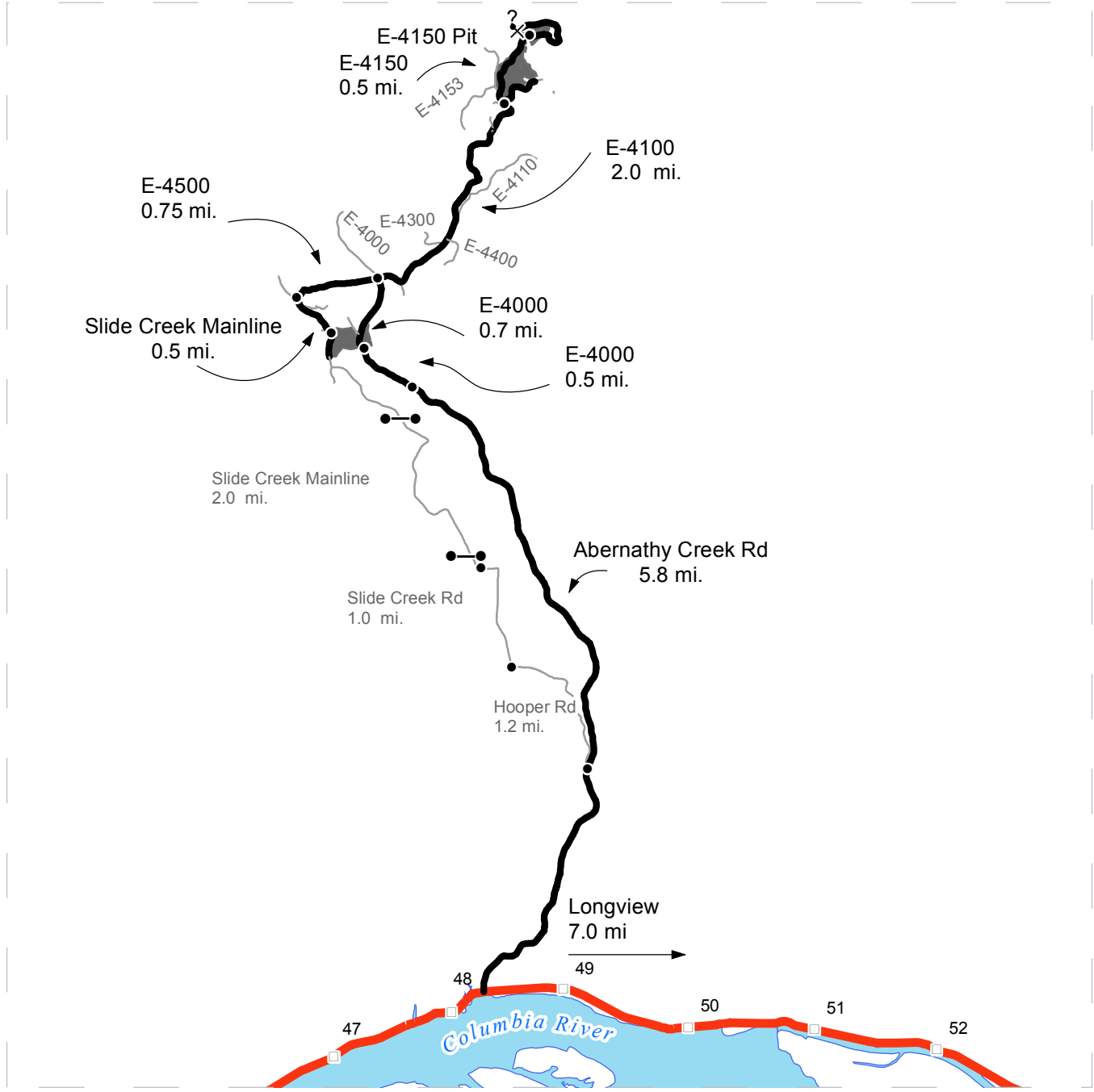


Variable Retention Harvest	Existing Roads	Streams
Leave Tree Area	Required Pre-Haul Maintenance	Stream Type
Riparian Mgt Zone	Stream Type Break	Monumented Corners
Sale Boundary Tags	Leave Trees	Potential Rock Source
Leave Tree Tags		
Reprod		

DRIVING MAP

SALE NAME: CANT DOG
AGREEMENT#: None
TOWNSHIP(S): T10R04W, T09R04W
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Scientific School(10)

REGION: Pacific Cascade Region
COUNTY(S): COWLITZ
ELEVATION RGE: 722-1986



DRIVING DIRECTIONS:

From State Route 4 (between milepost 48 and 49) turn North onto Abernathy Creek Road and follow for 5.8 miles, merge onto the E-4000. Follow the E-4000 for 0.5 miles. Unit 1 on both sides of the road. Follow the E-4000 North for 0.7 miles, turn right onto the E-4100 follow the E-4100 for 2.0 miles to the junction of the E-4150 Unit 2 will be on the right. Turn right onto the E-4150 and follow for 0.5 mi. Unit 3 will be on both sides of the road.



TIMBER NOTICE OF SALE

SALE NAME: NIVLOC

AGREEMENT NO: 30-95096

AUCTION: November 16, 2017 starting at 10:00 a.m., **COUNTY:** Cowlitz
Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 14 miles east of Woodland

PRODUCTS SOLD AND SALE AREA: All timber, except trees marked with blue paint, trees bound by yellow "Leave Tree Area" tags, snags, and all down timber greater than 32 inches in diameter bound by: white "Timber Sale Boundary" tags and PH-3600 in Unit 1; white "Timber Sale Boundary" tags, reprod and the PH-4000 in Unit 2; white "Timber Sale Boundary" tags, reprod, the PH-3000 and PH-3002 in Unit 3; white "Timber Sale Boundary" tags and reprod in Unit 4; white "Timber Sale Boundary" tags, the PH-3000 and the PH-3300 in Unit 5 on part(s) of Sections 19, 20, 29, 30 and 31 all in Township 6 North, Range 2 East, W.M., containing 168 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	23.4	7	6,811						5,503	1,052	180	55
Hemlock	21.8	7	181						56	45	9	4
Red alder	14.8		68					6	7	20	29	6
Maple	13.6		47							19	25	3
Sale Total			7,107									

MINIMUM BID: \$2,782,000.00 **BID METHOD:** Sealed Bids

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

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

BID DEPOSIT: \$278,200.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable, Shovel and Forwarder. 52% cable and 48% ground based harvesting systems. Ground based equipment shall not be permitted on slopes over 40% and/or during wet soil conditions unless approved in writing by the Contract Administrator. Ground Based Yarding will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator.

ROADS: 15.99 stations of required construction. 13.21 stations of optional construction. 727.51 stations of required pre-haul maintenance. Rock for construction, pre-haul maintenance under this contract may be obtained at no cost to the Purchaser from the PH-3000 Pit located in Section 20, Township 06 North, Range 02 East, W.M. Purchaser shall stockpile 1,000 CY of 1 1/4 INCH MINUS CRUSHED ROCK at the stockpile location



TIMBER NOTICE OF SALE

on the PH-3600A road. Road construction will not be permitted from September 30 to May 1 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

CRUISE METHOD: Acreage was determined by GPS. Cruise was completed using variable plot cruise methods.

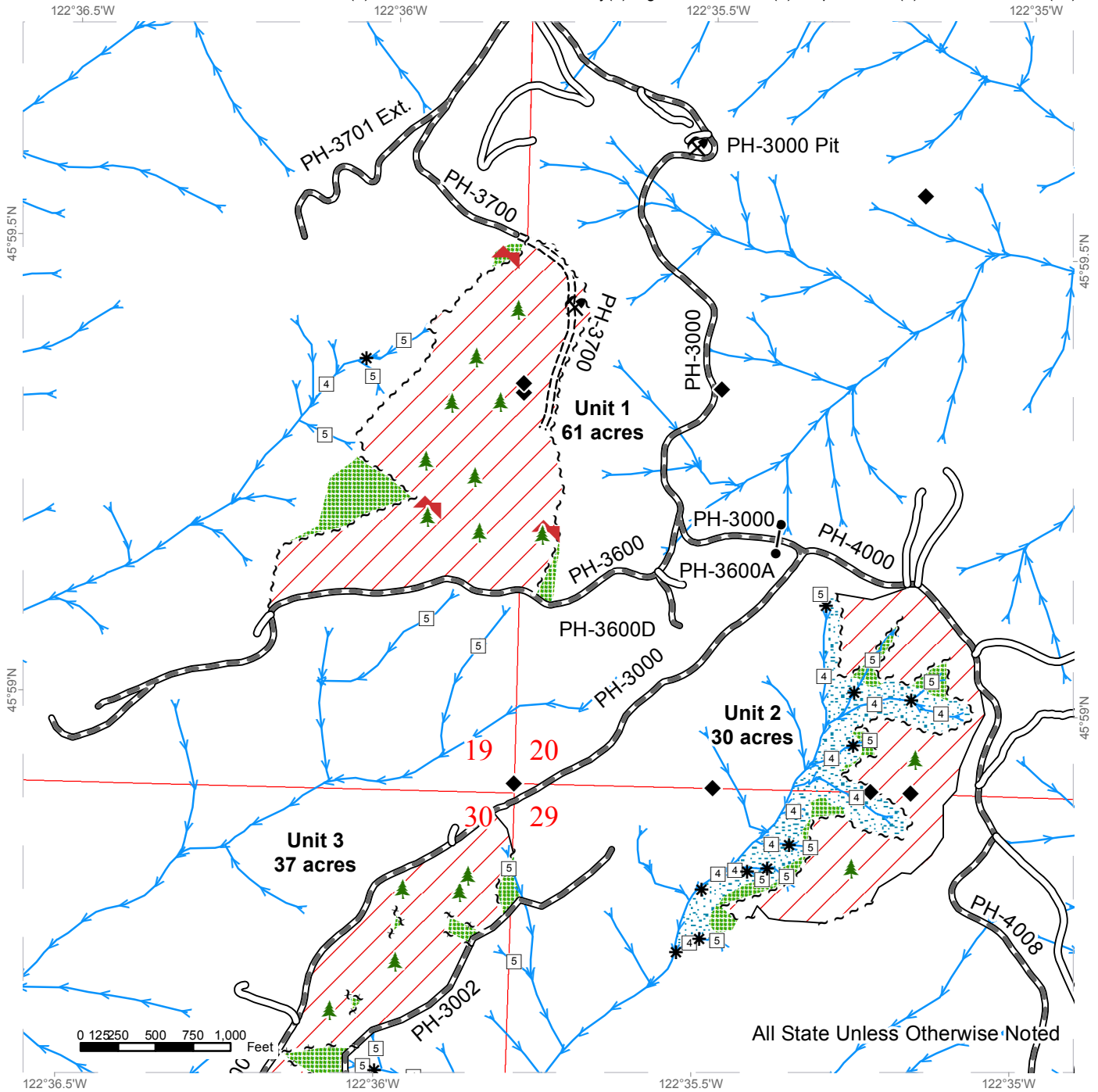
FEES: \$126,149.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale has approximately 1,344 MBF of high quality 2 saw DF, 251 MBF of high quality 3 saw DF, 36 MBF of high quality 2 saw WH, and 25 MBF of high quality 3 saw WH. PCP 1-1 gate keys may be obtained from the Pacific Cascade Region office. On the PH-1000 road at stations 0+00 to 17+03 the speed limit is set at 10 mph. See Road Plan Clause 1-31 for more details. Purchaser shall treat the PH-1000 from stations 0+00 to 17+03 with Magnesium Chloride for dust abatement. See Road Plan clause 6-81. Purchaser is responsible for all notifications, including "call before you dig", and liabilities associated with the utilities and their rights-o-way on the PH-1000 at station 0+00 to 17+03, and any other utilities that could be damaged during the timber sale operations. Intermediate support may be required to prevent soil rutting in Units 1 and 2 off the PH-3700 and PH-4000 roads. Full suspension is required over all streams.

TIMBER SALE MAP

SALE NAME: NIVLOC
AGREEMENT #: 30-095096
TOWNSHIP(S): T06R02E
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Agricultural School(4), Capitol Grant(7), Scientific School(10)

REGION: Pacific Cascade Region
COUNTY(S): COWLITZ
ELEVATION RGE: 878-2753



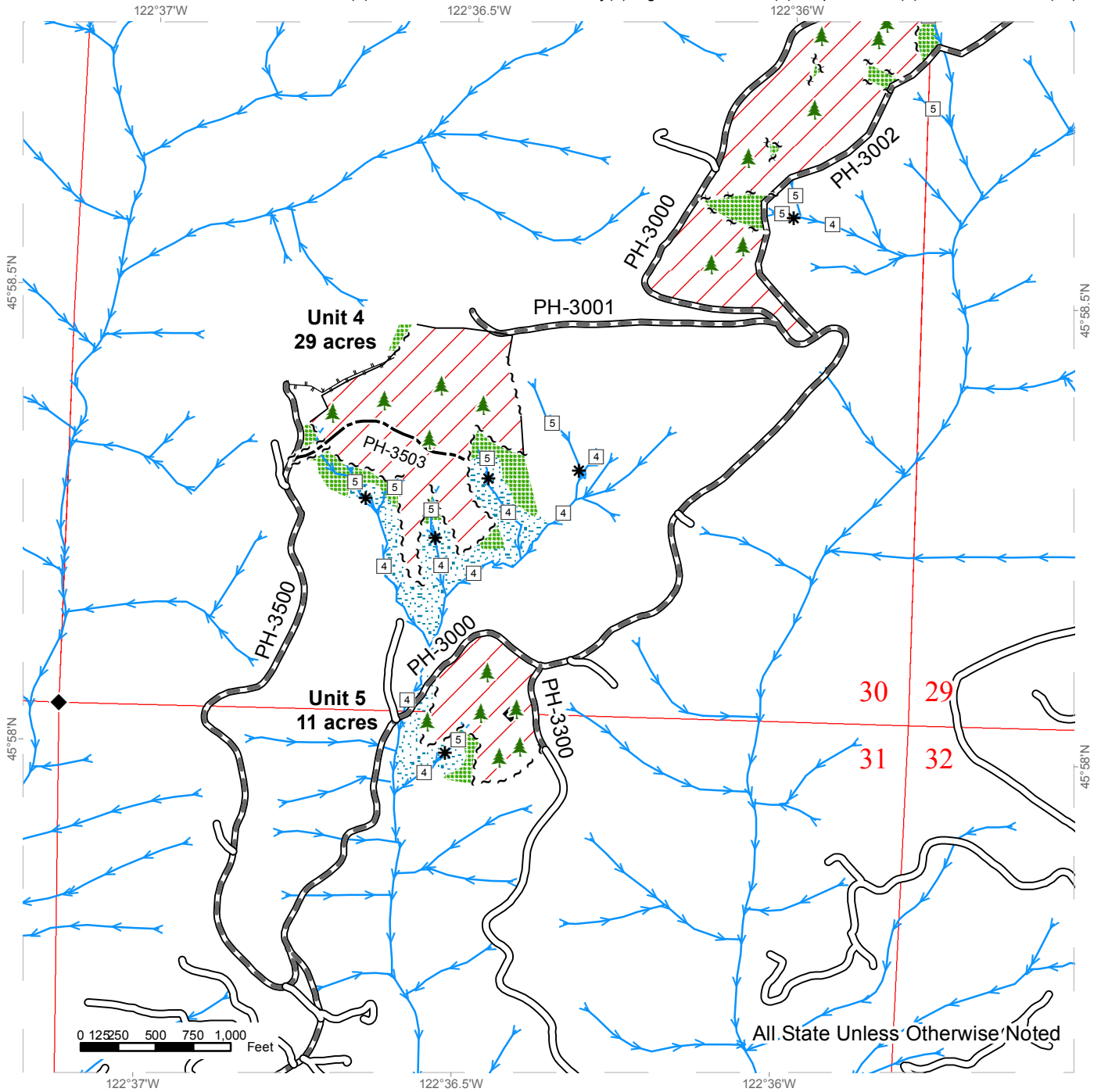
Variable Retention Harvest	Existing Roads	Stream Type
Leave Tree Area	Required Pre-Haul Maintenance	Stream Type Break
Riparian Mgt Zone	Required Construction	Monumented Corners
Sale Boundary Tags	Streams	Leave Trees
Leave Tree Tags		Bald
Reprod		Gate (PCP 1-1)
		Existing Rock Pit



TIMBER SALE MAP

SALE NAME: NIVLOC
AGREEMENT #: 30-095096
TOWNSHIP(S): T06R02E
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Agricultural School(4), Capitol Grant(7), Scientific School(10)

REGION: Pacific Cascade Region
COUNTY(S): COWLITZ
ELEVATION RGE: 878-2753

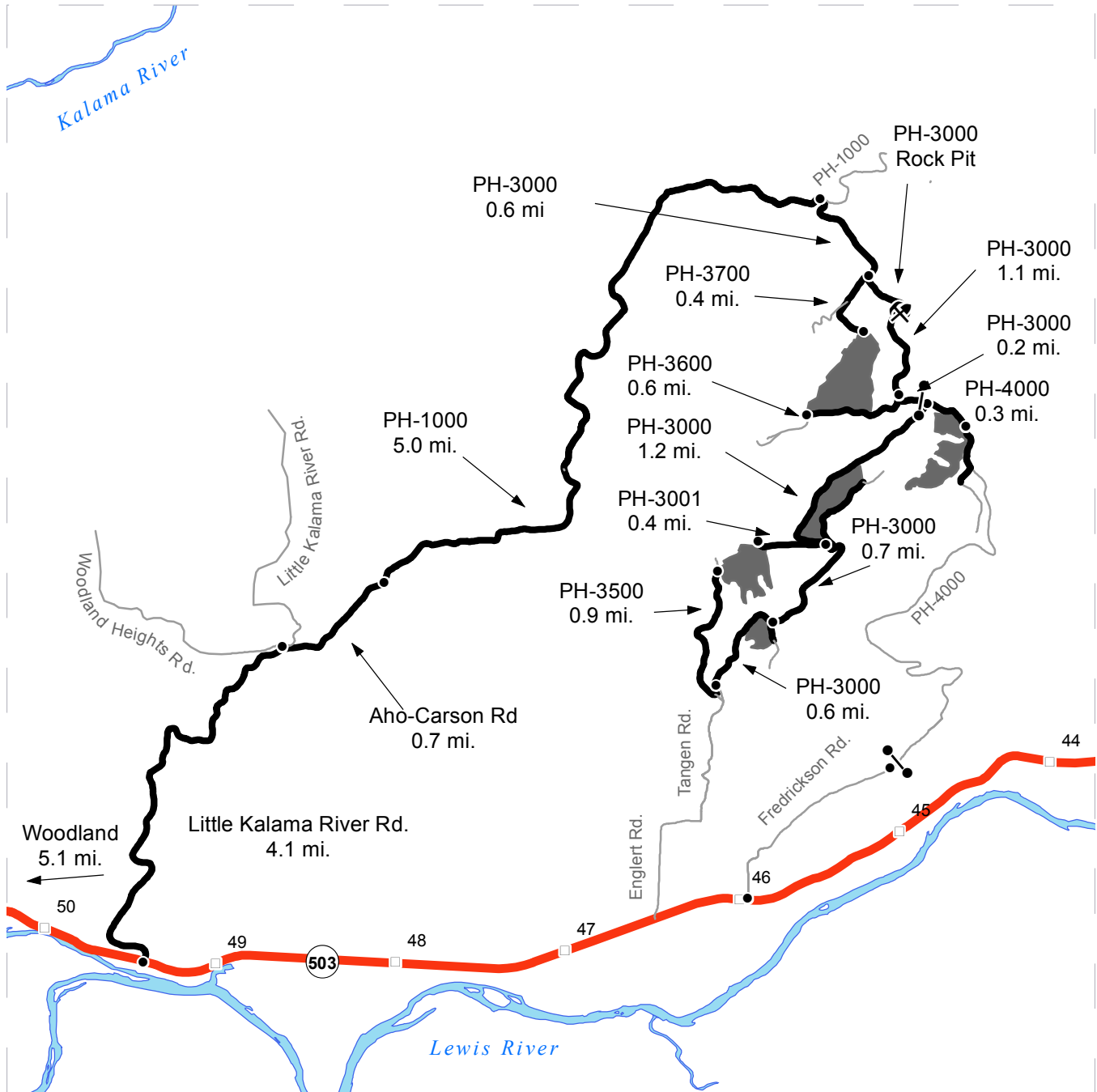


	Variable Retention Harvest		Existing Roads		Stream Type
	Leave Tree Area		Required Pre-Haul Maintenance		Stream Type Break
	Riparian Mgt Zone		Optional Construction		Monumented Corners
	Sale Boundary Tags		Designated Skid Trail		Leave Trees
	Leave Tree Tags		Streams		
	Reprod				

DRIVING MAP

SALE NAME: NIVLOC
 AGREEMENT#: 30-095096
 TOWNSHIP(S): T06R02E
 TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Agricultural School(4), Capitol Grant(7), Scientific School(10)

REGION: Pacific Cascade Region
 COUNTY(S): COWLITZ
 ELEVATION RGE: 878-2753



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

Driving Directions:

Going east on SR-503 turn left (north) onto Little Kalama River Rd and travel 4.1 miles. Turn right (east) onto Aho-Carson Rd for 0.7 miles. Continue onto the PH-1000 for 5 miles. Veer to the right onto the PH-3000 for 0.6 mi. Turn right onto the PH-3700 and arrive at Unit 1.
 To access Unit 2 stay on the PH-3000 for another 1.3 miles. Continue straight and the road turns into the PH-400, continue for 0.3 miles.
 To access Units 3-5, at the PH-3000/ PH-4000 junction turn right (south) and stay on the PH-3000. Unit 3 will be another 1.2 miles from the intersection.
 Turn right on the PH-3001 and go another 0.4 miles and arrive at Unit 4.
 Continue on the PH-3000 for an additional 0.7 miles and arrive at Unit 5.





TIMBER NOTICE OF SALE

SALE NAME: WEST HERRINGTON

AGREEMENT NO: 30-95103

AUCTION: November 16, 2017 starting at 10:00 a.m., COUNTY: Cowlitz
Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 23 miles southeast of Toutle

PRODUCTS SOLD AND SALE AREA: All timber, except leave trees marked with blue paint, trees bounded out by yellow "Leave Tree Area" tags, snags and all down timber existing 3 years prior to the day of sale and all trees over 45" DBH, bound by the following: white "Timber Sale Boundary" tags, and the 5600 road in Units 1 and 2; and white "Timber Sale Boundary" tags, in Units 3 and 4. All timber bound by, orange "Right-of-Way Boundary" tags with orange flagging in Units 5, 6, 7, and 8 on part(s) of Sections 28 and 29 all in Township 9 North, Range 3 East, W.M., containing 163 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:

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

MINIMUM BID: \$1,475,000.00 BID METHOD: Sealed Bids

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

EXPIRATION DATE: October 31, 2019 ALLOCATION: Export Restricted

BID DEPOSIT: \$147,500.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable and Ground based equipment. Ground based equipment is limited to shovel and tracked skidder unless authority to use other equipment is granted in writing by the Contract Administrator. Use of cable assist tracked equipment will be permitted. Harvesting activities are estimated to be 15% uphill cable harvesting and 85% ground-based harvesting. Ground-based harvesting equipment shall be restricted to slopes of 40% and less, and during dry soil conditions. See clauses H-140 and H-141 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.

ROADS: 17.04 stations of optional construction. 64.50 stations of optional reconstruction. 212.10 stations of required pre-haul maintenance. 80.60 stations of required post-haul



TIMBER NOTICE OF SALE

maintenance. 5.74 stations of required medium abandonment and 39.70 stations of optional light abandonment if roads are built. Rock for construction, reconstruction, and pre-haul maintenance under this contract may be obtained at no cost to the Purchaser from the following rock sources; SELECT PIT RUN, 2 INCH MINUS CRUSHED, 4 INCH MINUS CRUSHED, 1500 c.y. of 2 INCH MINUS CRUSHED STOCKPILE and LIGHT LOOSE RIP RAP, from the 2730F Pit located in Section 20, Township 09 North, Range 03 East, WM, Road construction will not be permitted from September 30 to May 1 unless authorized in writing by the Contract Administrator. Operation of road construction equipment is not allowed on weekends or state recognized holidays, on the 5605A from Stations 14+88 to 15+60; 28+26 to 28+92, unless authorized in writing by the Contract Administrator. All road work is restricted on the 5605A from stations 13+30 to 39+37 from October 1 to June 30. Timber haul and road abandonment on the 5605A must be completed by September 30, 2018. The 4100 road may be closed for extended periods of time in 2019, from July 1 to September 30, to allow for the replacement of large, fish passage structures.

ACREAGE DETERMINATION

CRUISE METHOD: The sale acres were determined by a combination of GIS, GPS delineation (Units 1-4) and length x width (ROW Units 5-7). Cruise was completed using variable plot cruise methods (Unit 1-4) and Individual Tree Sampling method (Units 5-7).

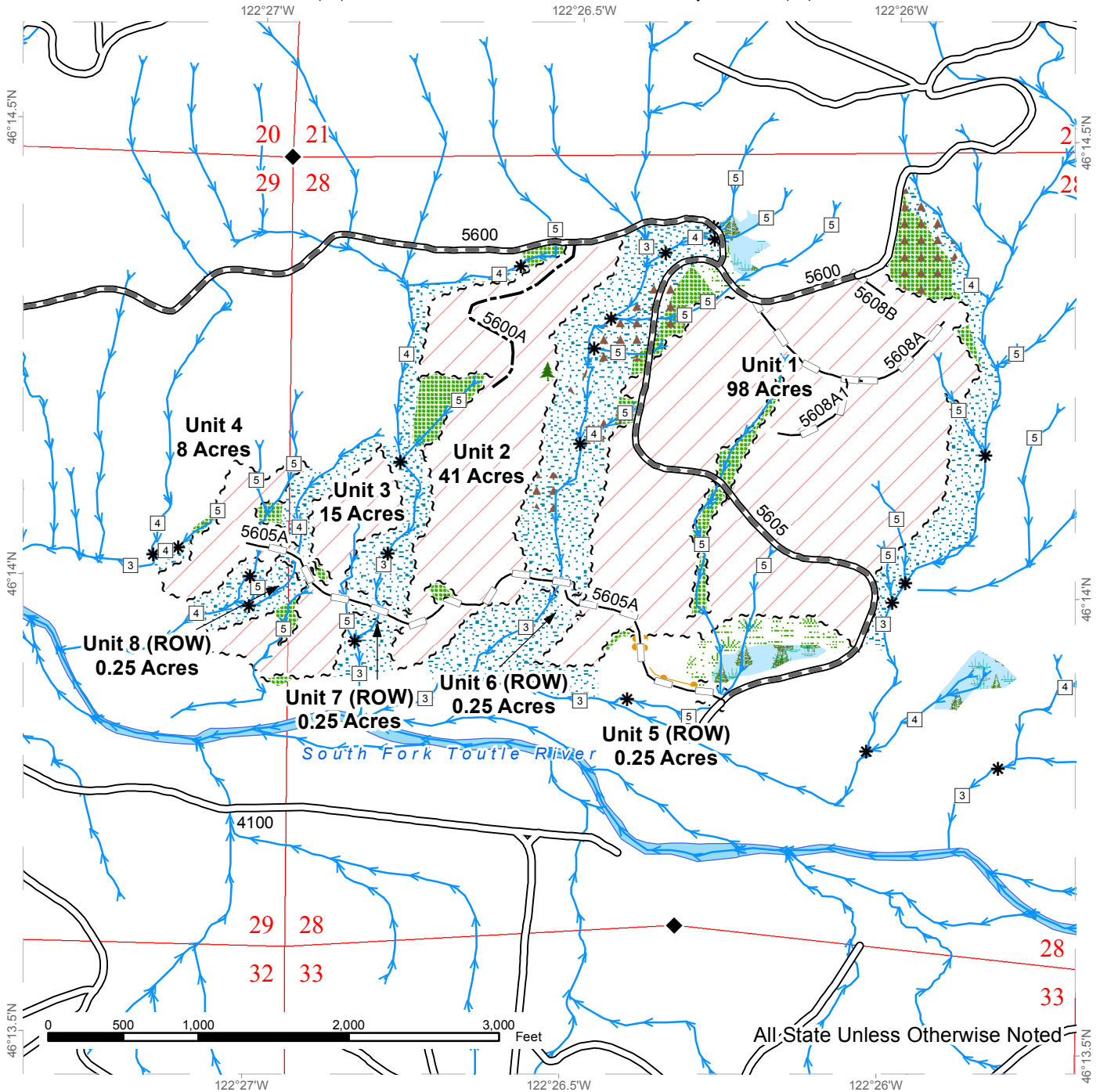
FEES: \$74,515.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale has approximately 840 MBF of high quality 2 saw DF, 576 MBF of high quality 3 saw DF, 70 MBF of high quality 2 saw WH, and 130 MBF of high quality 3 saw WH. See cruise for further details.

TIMBER SALE MAP

SALE NAME: WEST HERRINGTON
AGREEMENT #: 30-095103
TOWNSHIP(S): T09R03E
TRUST(S): Scientific School(10) and Charitable/Educational/Penal & Reformatory Institution (06)

REGION: Pacific Cascade Region
COUNTY(S): COWLITZ
ELEVATION RGE: 1310-1886



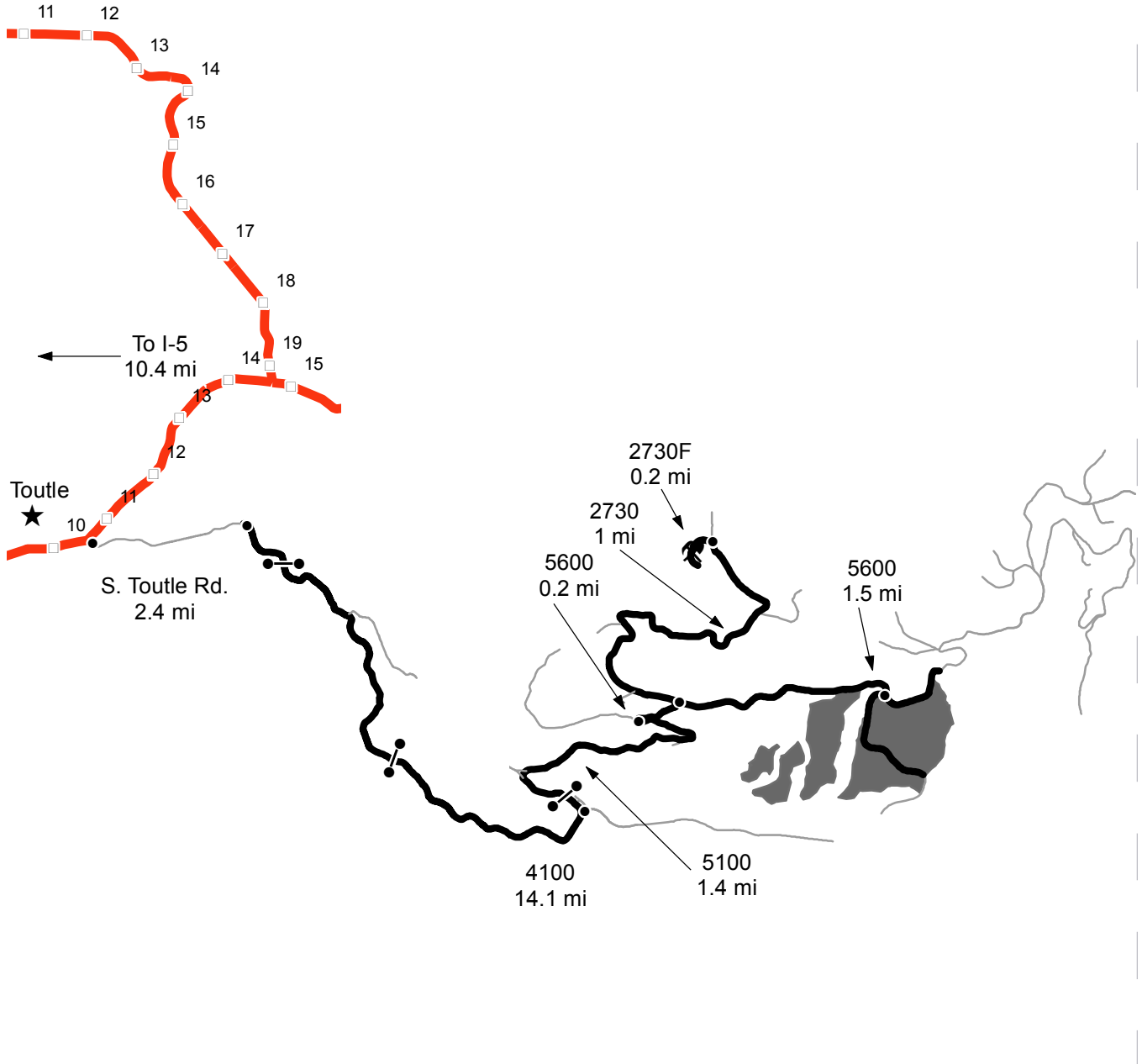
Variable Retention Harvest	Sale Boundary Tags	Streams
Leave Tree Area	Special Mgmt Area	Stream Type
Riparian Mgt Zone	Right of Way Tags	Stream Type Break
Forested Wetland	Take / Removal Trees	Monumented Corners
Wetland Mgt Zone	Existing Roads	Leave Trees
Slope Stability Mitigation Zone	Required Pre-Haul Maintenance	
	Optional Construction	
	Optional Reconstruction	



DRIVING MAP

SALE NAME: WEST HERRINGTON
 AGREEMENT#: 30-095103
 TOWNSHIP(S): T09R03E
 TRUST(S): Scientific School(10) and Charitable/Educational/Penal & Reformatory Institution (06)

REGION: Pacific Cascade Region
 COUNTY(S): COWLITZ
 ELEVATION RGE: 1310-1886



- Timber Sale Unit
- Haul Route
- Other Route
- Distance Indicator
- Gate (ABA)
- Existing Rock Pit

DRIVING DIRECTIONS:

From exit 49 off I-5, follow SR 504 east for 10.4 miles.
 Turn right onto South Toutle Rd and follow 2.4 miles to the 4100.
 Continue on the 4100 for 14.1 miles to the 5100. Turn left onto the 5100
 and go through gate (ABA). Continue on the 5100 for 1.4 miles.
 Turn right on to the 5600 for 0.2 miles, stay right and continue on the 5600 for 1.5 miles.

Unit 1 and 2 are on your right. To access Unit 3 and 4 turn right on the 5605 and continue
 1 mile, 5605A reconstruction will be on your right.

To access the 2730F Rock Pit turn left at 5600/2730 shoefly continuing 1 mile.
 Turn left on 2730F for 0.2 miles.





TIMBER NOTICE OF SALE

SALE NAME: BADGER

AGREEMENT NO: 30-95097

AUCTION: November 16, 2017 starting at 10:00 a.m., COUNTY: Grays Harbor Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 9 miles northwest of Oakville

PRODUCTS SOLD AND SALE AREA: All timber, except leave trees marked with blue paint, yellow "Leave Tree Area" tags and all down timber existing 5 years prior to the day of sale, bound by the following: white "Timber Sale Boundary" tags, reprod and Y-7000 road in Unit 1; white "Timber Sale Boundary" tags, reprod and the Y-Line in Unit 2; All timber marked with a single band of orange paint as described in Schedule A, bound by white "Timber Sale Boundary" tags and blue "Special Management Boundary" tags in Unit 5 WMZ. on part(s) of Sections 7 and 18 all in Township 16 North, Range 5 West, Sections 13 all in Township 16 North, Range 6 West, W.M., containing 149 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:

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

MINIMUM BID: \$1,698,000.00 BID METHOD: Sealed Bids

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

EXPIRATION DATE: October 31, 2019 ALLOCATION: Export Restricted

BID DEPOSIT: \$169,800.00 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 60% cable harvesting and 40% ground-based harvesting. Ground-based harvesting equipment shall be restricted to slopes of 45% and less, and restricted during saturated soil conditions. See clauses 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. Ground Based Yarding will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator.

ROADS: 98.72 stations of optional construction. 41.76 stations of required pre-haul maintenance. 29.72 stations of light road abandonment, if built. Rock for construction, reconstruction



TIMBER NOTICE OF SALE

and pre-haul maintenance under this contract shall be obtained from any commercial rock source at the Purchaser's expense. The hauling of forest products will not be permitted from September 1 to May 1 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

CRUISE METHOD: The sale acres were determined by a combination of GIS, GPS, laser and compass delineation.

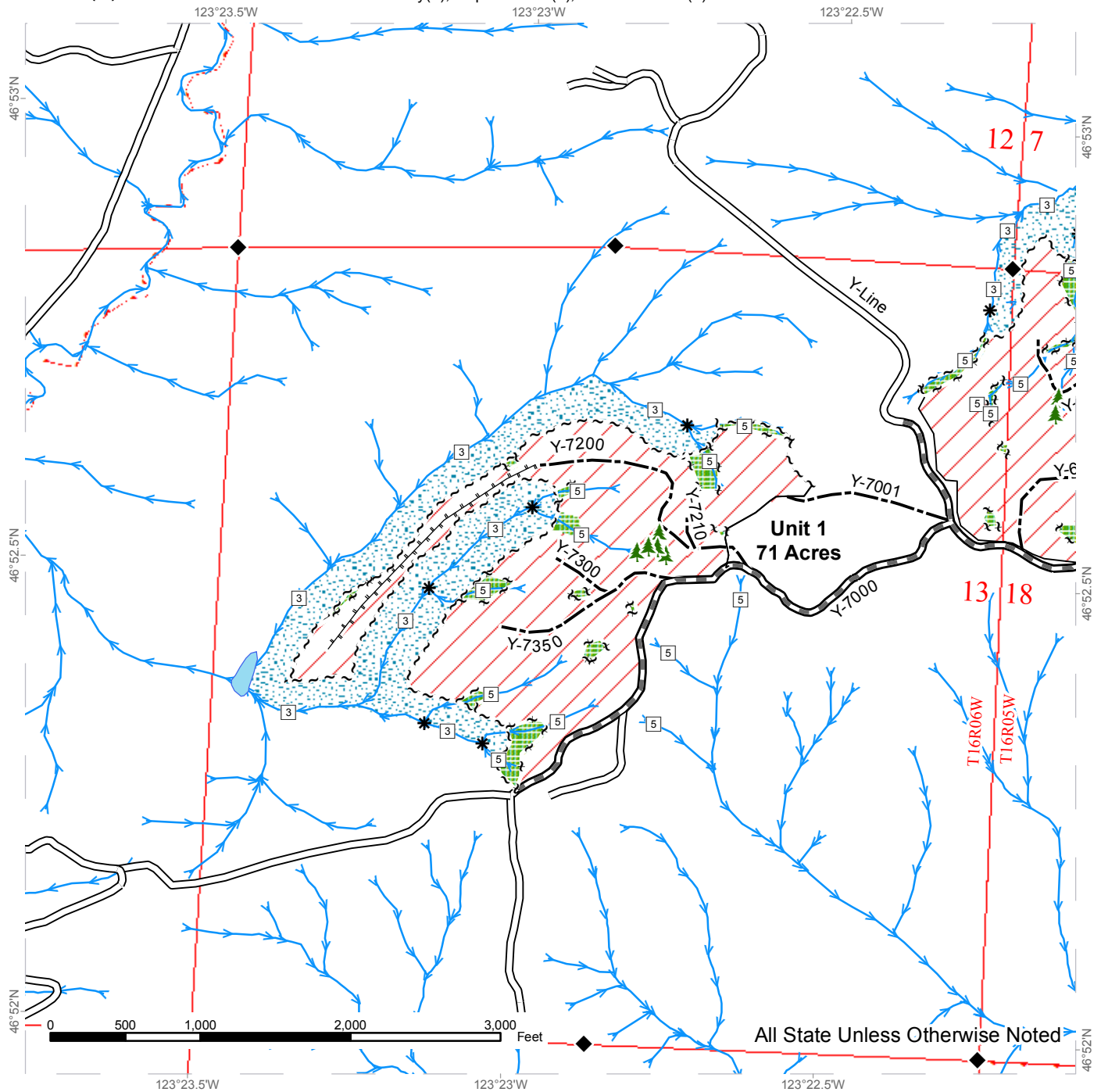
FEES: \$81,668.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale has approximately 350 MBF of high quality 2 saw DF and 114 MBF of high quality 3 saw DF, see cruise for further details. See driving map for gate locations. Units 3 and 4 have been dropped from this timber sale. PCP 1-1 gate keys may be obtained from the Pacific Cascade Region office.

TIMBER SALE MAP

SALE NAME: BADGER
AGREEMENT #: None
TOWNSHIP(S): T16R05W, T16R06W
TRUST(S): Common School and Indemnity(3), Capitol Grant(7), Normal School(8)

REGION: Pacific Cascade Region
COUNTY(S): GRAYS HARBOR
ELEVATION RGE: 523-937



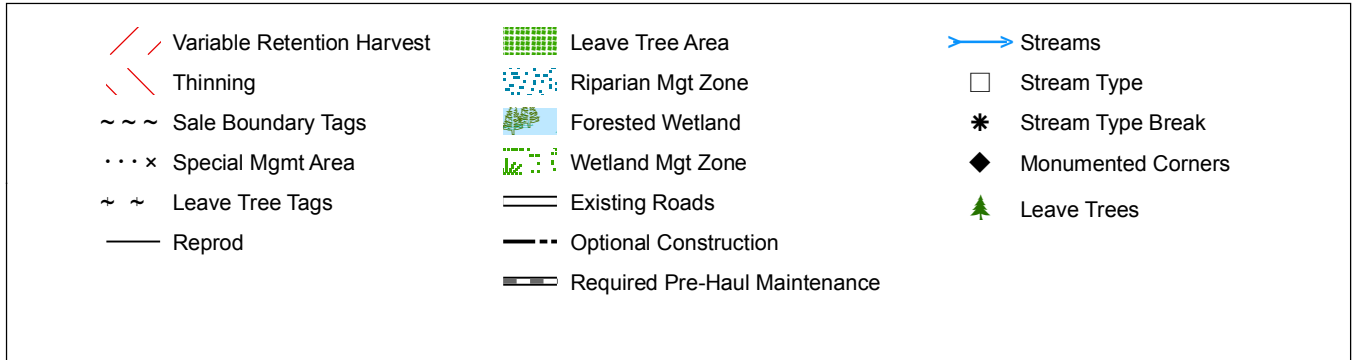
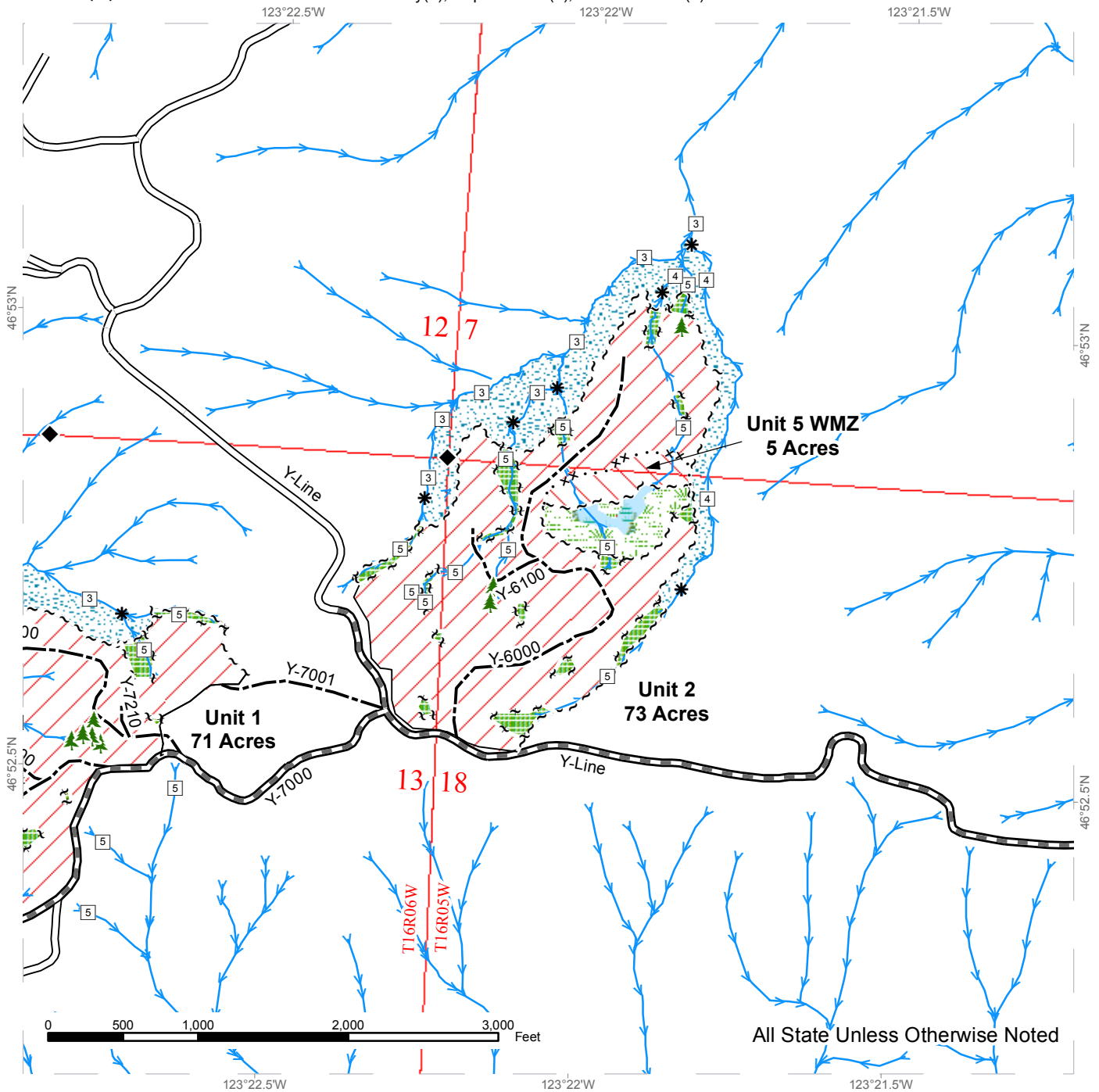
All State Unless Otherwise Noted



TIMBER SALE MAP

SALE NAME: BADGER
AGREEMENT #: None
TOWNSHIP(S): T16R05W, T16R06W
TRUST(S): Common School and Indemnity(3), Capitol Grant(7), Normal School(8)

REGION: Pacific Cascade Region
COUNTY(S): GRAYS HARBOR
ELEVATION RGE: 523-937



DRIVING MAP

SALE NAME: BADGER
AGREEMENT#: 30-095097
TOWNSHIP(S): T16R05W, T16R06W
TRUST(S): Common School and Indemnity(3), Capitol Grant(7), Normal School(8)

REGION: Pacific Cascade Region
COUNTY(S): GRAYS HARBOR
ELEVATION RGE: 523-937



- Timber Sale Unit
- Highways
- Haul Route
- Other Route
- Milepost Markers
- Distance Indicator
- Town
- Gate (PCP 1-1)

DRIVING DIRECTIONS

Units 1 & 2

In the town of Oakville, turn south onto Main St and follow for 4 blocks and it will turn into South Bank Rd. Stay on South Bank Rd for 3.9 mi to Williams Creek Rd. Turn left on Williams Creek Rd and follow for 1.9 miles to the Y-Line gate. Turn right onto the Y-Line and follow for 3.3 miles to Unit 2. To get to Unit 1 continue for 0.2 miles to the Y-7000. At the Y-7000 take a left and continue for 0.7 miles to Unit 1.





TIMBER NOTICE OF SALE

SALE NAME: MAPLE SYRUP VRH & RMZ THIN

AGREEMENT NO: 30-95307

AUCTION: November 15, 2017 starting at 10:00 a.m., Olympic Region Office, Forks, WA

COUNTY: Jefferson

SALE LOCATION: Sale located approximately 22 miles south of Forks

PRODUCTS SOLD AND SALE AREA:

All timber, except tree banded by blue paint or bounded out by leave tree area tags, and no down red cedar or timber that has been on the ground for five years or more (five years is defined by more than 1.5 inches of sap rot); bounded by timber sale boundary tags and special management unit boundary tags for Unit 1 (VRH portion); timber sale boundary tags and timber type change in Unit 2; timber sale boundary tags and the H-1000 Road in Unit 3; all timber bounded by right of way tags for right of way Units 4, 5 and 6

All timber as described in Schedule D on part(s) of Sections 2, 10, 11, 12 and 15 all in Township 26 North, Range 11 West, W.M., containing 224 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:

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

MINIMUM BID: \$1,621,000.00

BID METHOD: Sealed Bids

PERFORMANCE SECURITY: \$100,000.00

SALE TYPE: Lump Sum

EXPIRATION DATE: October 31, 2020

ALLOCATION: Export Restricted

BID DEPOSIT: \$162,100.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: 35% Cable and 65% Ground Methods. 30' equipment limitations on all typed waters. Rubber tire skidders will only be allowed if rutting and skid trail requirements can be met and a harvest plan has been submitted and approved.

ROADS: 12.15 stations of required construction. 39.60 stations of required reconstruction. 15.75 stations of optional construction. 122.20 stations of required pre-haul maintenance. 126.07 stations of optional pre-haul maintenance. 34.00 stations of deactivation. In the Dry Creek Pit, the Purchaser must manufacture 10,000 cubic yards of 4-inch minus



TIMBER NOTICE OF SALE

crushed rock in accordance with Clause 6-20 of the road plan. On the 12+00 Spur (0+00 - 12+00) all road activities will be completed within the same year and all activities are restricted. Road construction will not be permitted from October 1 to June 30 unless authorized in writing by the Contract Administrator. The hauling of forest products will not be permitted from October 1 to June 30 unless authorized in writing by the Contract Administrator on the 12+00 Spur (0+00 - 12+00)

ACREAGE DETERMINATION

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

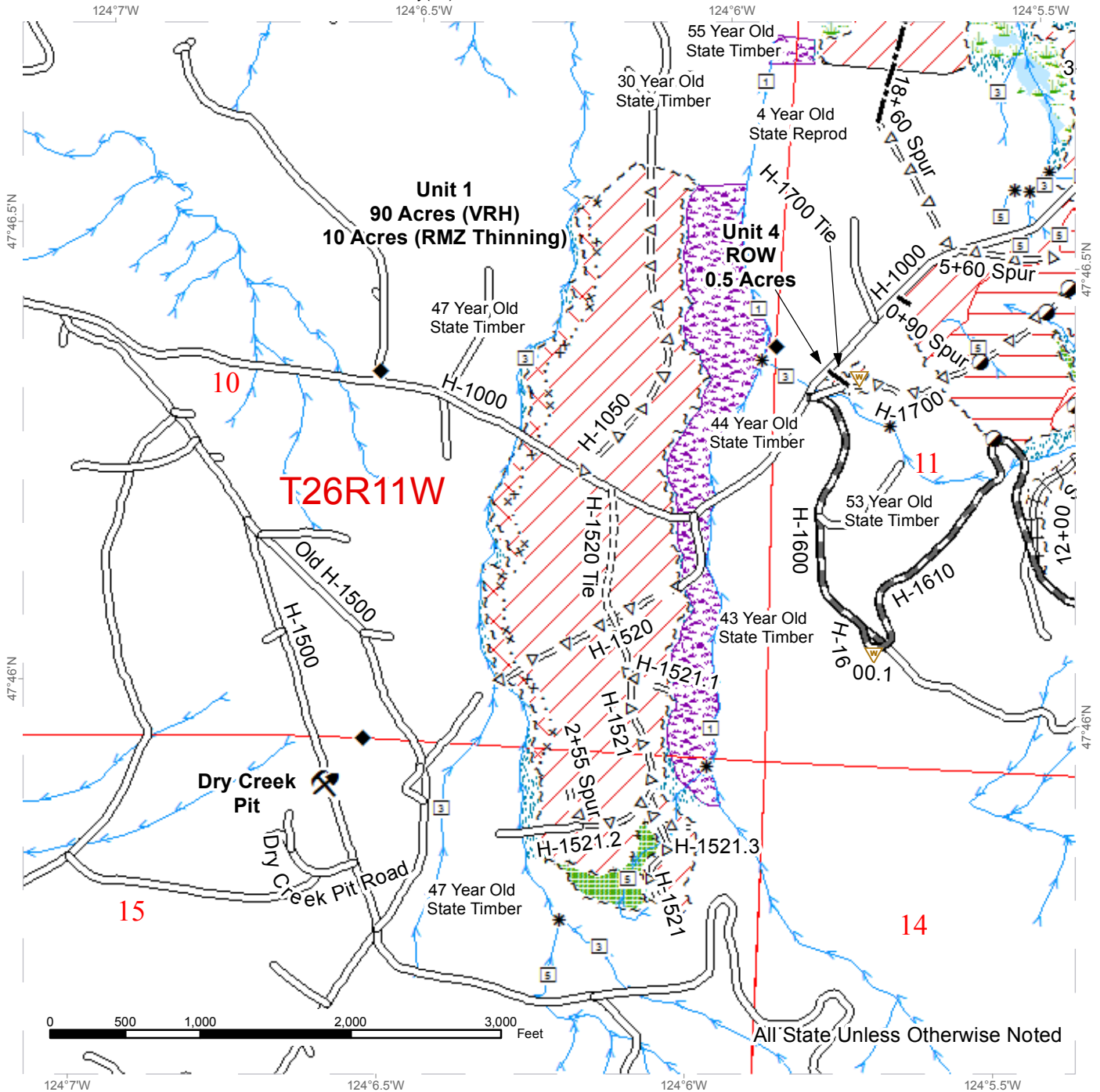
FEES: \$118,215.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: There is a locked gate on the North Winfield Pit Road - contact the Olympic Region Dispatch Center at 360-374-2811 to obtain an AA-1 key. On the North Winfield Pit Access Road at approximately 1+00 stations, the Purchaser shall keep gate closed and locked except during periods of haul. All gates that remain open during haul shall be locked or securely fastened in the open position. Culvert and fill replacement work is currently scheduled to take place on the Hoh-Clearwater Mainline sometime during the hydraulic seasons of either 2019 or 2020, which will result in the road being closed near Milepost 19 for up to 6 months. The State shall give at least 2 weeks notice to the Purchaser before the closure begins.

TIMBER SALE MAP

SALE NAME: MAPLE SYRUP VRH & RMZ THIN
AGREEMENT #: 30-095307
TOWNSHIP(S): T26R11W
TRUST(S): Common School and Indemnity(03)

REGION: Olympic Region
COUNTY(S): JEFFERSON
ELEVATION RANGE: 597'-1650'



All State Unless Otherwise Noted

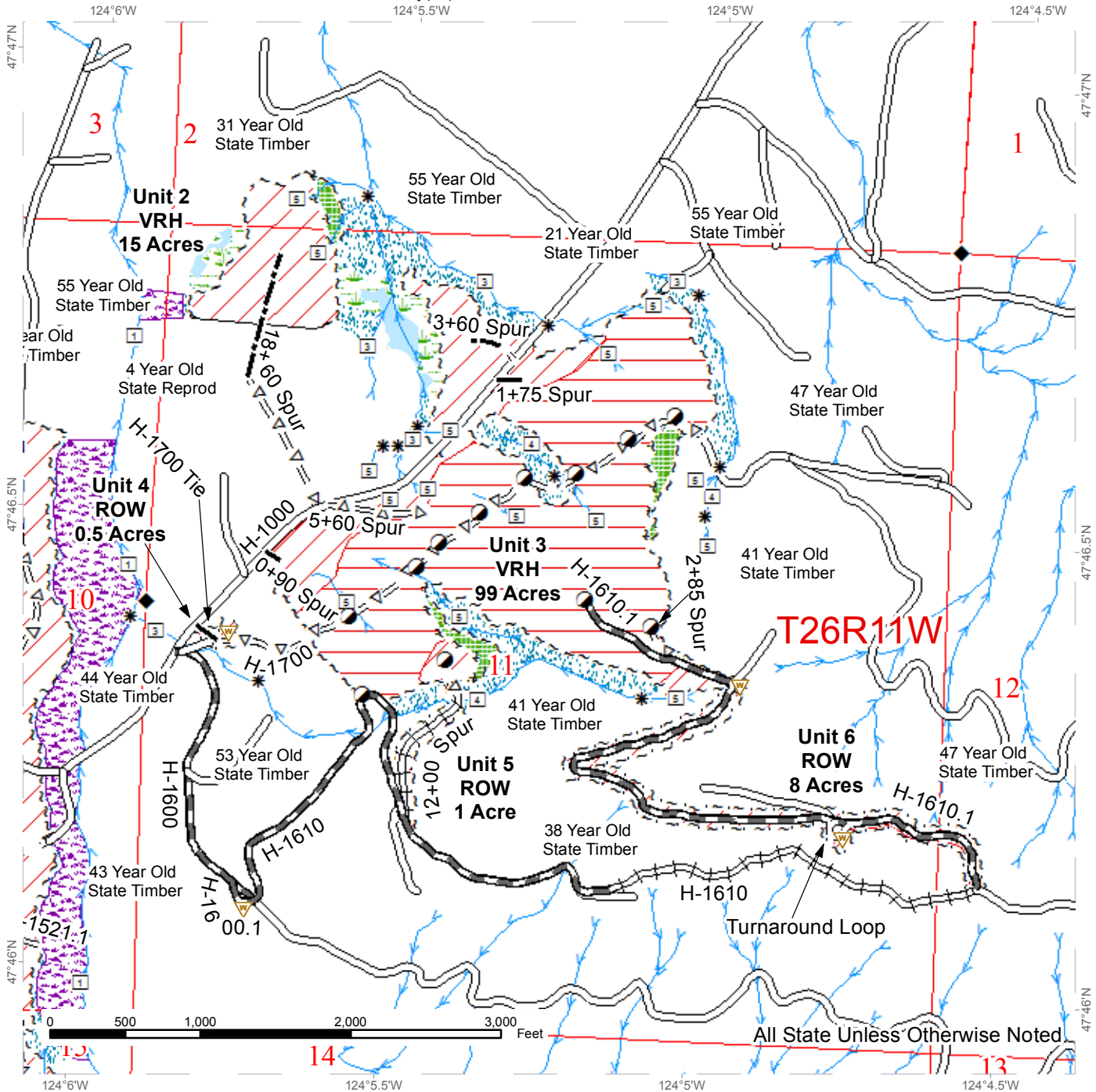
Stream Type	Existing Road	Ground
Stream Type Break	Required Construction	Cable
Waste Area	Required Reconstruction	RMZ Thinning (Ground Based)
Rock Pit	Required Pre-haul Maintenance	Leave Tree Area
Survey Monument	Optional Prehaul Maintenance	Riparian Management Zone
Designated Landing	Optional Reconstruction	Channel Migration Zone
Streams	Optional Construction	Wetlands - Non-forested
	Timber Sale Boundary Tags	Wetland Management Zone
	Special Management Area	Township/Range Lines
	Leave Tree Tags	Section Lines
	Right of Way Tags	Open Water
	Timber Type Change	



TIMBER SALE MAP

SALE NAME: MAPLE SYRUP VRH & RMZ THIN
AGREEMENT #: 30-095307
TOWNSHIP(S): T26R11W
TRUST(S): Common School and Indemnity(03)

REGION: Olympic Region
COUNTY(S): JEFFERSON
ELEVATION RANGE: 597'-1650'



All State Unless Otherwise Noted

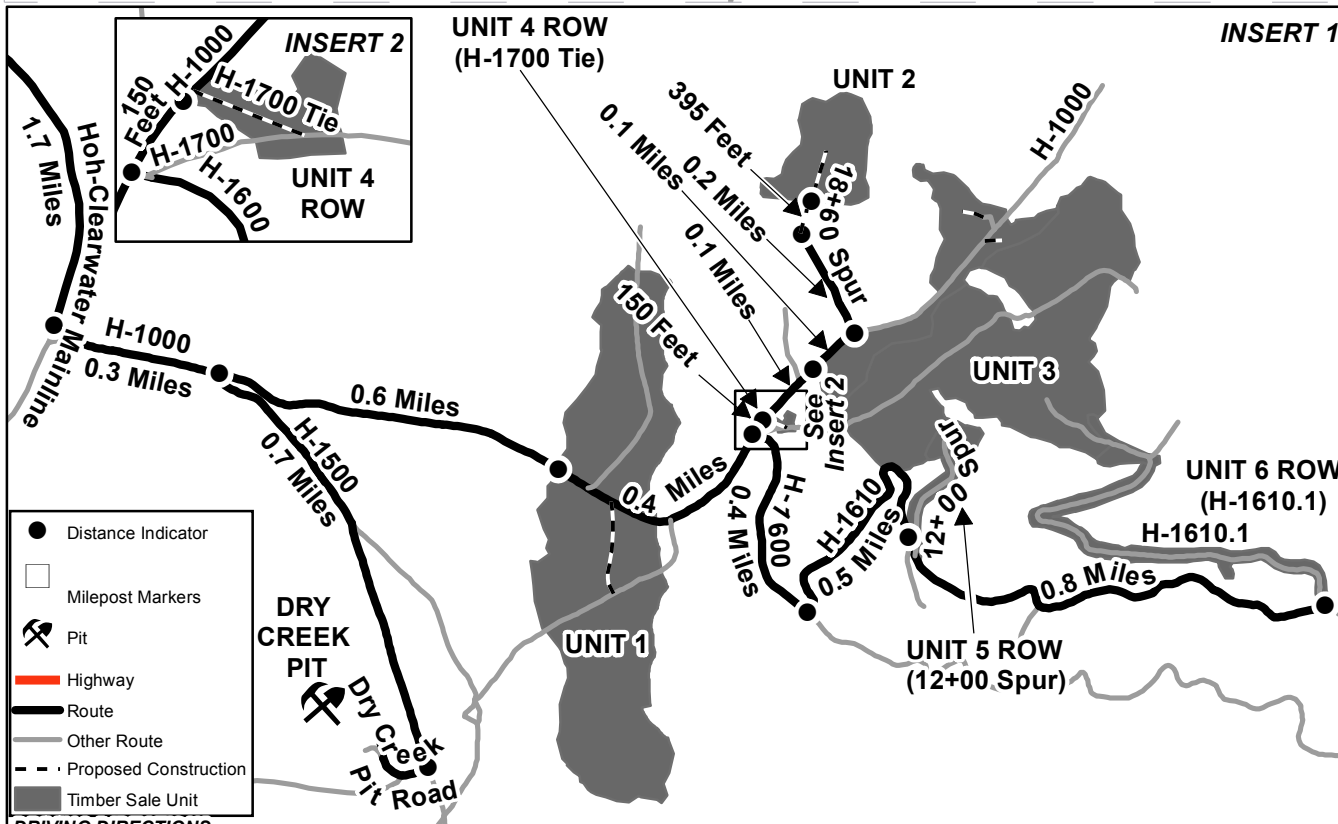
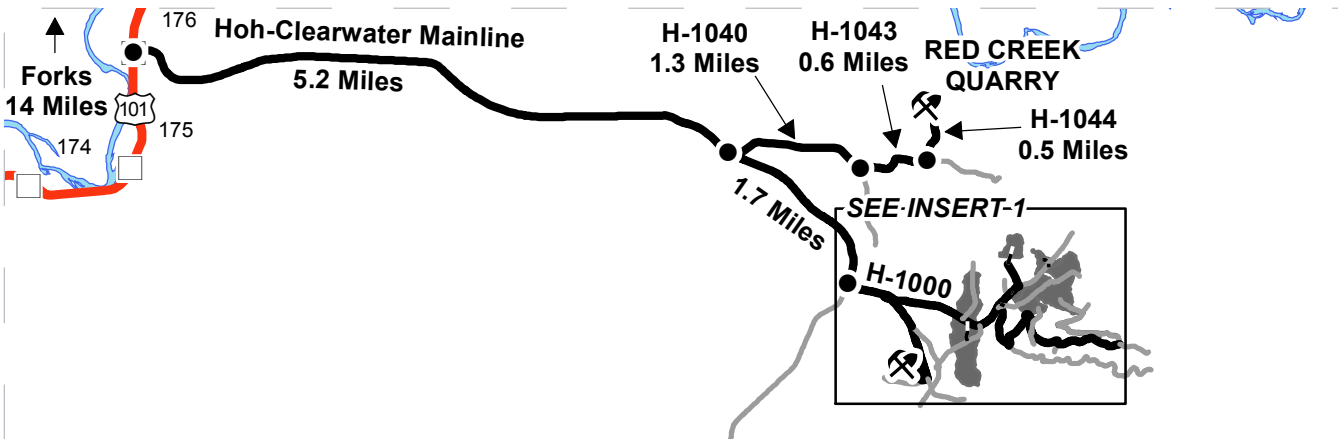
Stream Type	Existing Road	Ground
Stream Type Break	Required Construction	Cable
Waste Area	Required Reconstruction	RMZ Thinning (Ground Based)
Rock Pit	Required Pre-haul Maintenance	Leave Tree Area
Survey Monument	Optional Prehaul Maintenance	Riparian Management Zone
Designated Landing	Optional Reconstruction	Channel Migration Zone
Streams	Optional Construction	Wetlands - Non-forested
	Timber Sale Boundary Tags	Wetland Management Zone
	Special Management Area	Township/Range Lines
	Leave Tree Tags	Section Lines
	Right of Way Tags	Open Water
	Timber Type Change	



DRIVING MAP

SALE NAME: MAPLE SYRUP VRH & RMZ THIN
 AGREEMENT#: 30-095307
 TOWNSHIP(S): T26R11W
 TRUST(S): Common School and Indemnity(3)

REGION: Olympic Region
 COUNTY(S): JEFFERSON
 ELEVATION RGE: 597-1650



DRIVING DIRECTIONS:

Red Creek Quarry: From Forks, drive 14 miles south on US 101 and turn east onto the Hoh-Clearwater Mainline. Go 5.2 miles and turn left on the H-1040. Go 1.3 miles on the H-1040 and turn left onto the H-1043. Go 0.6 miles on the the H-1043 and turn left onto the H-1044. Go 0.5 miles on the H-1044 and Red Creek Quarry will be on your left.

Dry Creek Pit: From the Hoh-Clearwater Mainline/H-1040 junction, head east on the Hoh-Clearwater Mainline for 1.7 miles and turn left onto the H-1000. Go 0.3 miles on the H-1000 and turn right onto the H-1500. Continue 0.7 miles on the H-1500 and turn right onto the Dry Creek Pit Road to enter Dry Creek Pit.

Unit 1: From the H-1000/H-1500 junction, continue east on the H-1000 for 0.6 miles to reach the beginning of Unit 1.

Unit 5 ROW: From the beginning of Unit 1, continue east on the H-1000 for 0.4 miles and turn right onto the H-1600. Continue onto the H-1600 for 0.4 miles and turn left onto the H-1610. Go 0.5 miles on the H-1610 to reach the beginning of Unit 5 ROW on your left.

Unit 6 ROW: From the beginning of Unit 5 ROW, continue east on the H-1610 for 0.8 miles and Unit 6 ROW will be on your left.

Unit 4 ROW: From the H-1000/H-16000 junction, head northeast on the H-1000 for 150 feet to reach the beginning of Unit 4 ROW.

Unit 3: From the beginning of Unit 4 ROW, continue northeast on the H-1000 for 0.1 miles to reach the beginning of Unit 3 on your right.

Unit 2: From the beginning of Unit 3, continue northeast on the H-1000 for 0.1 miles and turn left onto the 18+60 Spur. Go 0.2 miles on the 18+60 Spur until you reach new construction portion of the road. Follow the orange flagging delineating the new construction for 395 feet to reach the beginning of Unit 2.





TIMBER NOTICE OF SALE

SALE NAME: LONG CUT VRH & RMZ

AGREEMENT NO: 30-94676

AUCTION: November 14, 2017 starting at 10:00 a.m., **COUNTY:** King
South Puget Sound Region Office, Enumclaw, WA

SALE LOCATION: Sale located approximately 13 miles southwest of North Bend.

**PRODUCTS SOLD
AND SALE AREA:**

All timber, except trees marked with blue paint or bounded out by yellow leave tree area tags, snags, and down 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, and pink flagging in Unit #1; white timber sale boundary tags, and blue special management area tags in Unit #2;

All timber as described in Schedule A, bounded out by the following: white timber sale boundary tags, and blue special management area tags in Units #3 and #4;

All forest products above located on part(s) of Sections 19 and 30 all in Township 23 North, Range 7 East, W.M., containing 121 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572) and FSC 100% raw materials under the Forest Stewardship Council® Standard (cert no: BV-FM/COC-080501).

ESTIMATED SALE VOLUMES AND QUALITY:

Species	Avg DBH	Ring Count	Total MBF	MBF by Grade								
				1P	2P	3P	SM	1S	2S	3S	4S	UT
Douglas fir	24.7	11	2,899						2,562	206	115	16
Hemlock	16.7	12	1,118						761	266	69	22
Red alder	18		304						140	108	49	7
Maple	16.3		274						166	35	71	2
Red cedar	16.8		218							174	44	
Cottonwood	32		22						22			
Sale Total			4,835									

MINIMUM BID: \$1,557,000.00 **BID METHOD:** Sealed Bids

PERFORMANCE SECURITY: \$150,000.00 **SALE TYPE:** Lump Sum

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

BID DEPOSIT: \$155,700.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: 100 percent tracked ground based equipment, with non self-leveling, non tethered tracked ground based equipment limited to sustained slopes of 45 percent or less. Yarding may be restricted during wet weather if rutting becomes excessive, per clause H-017.

Falling, yarding, and timber haul will not be permitted from November 1 to April 30, nor on weekends or state recognized holidays, unless authority to do so is granted, in writing,



TIMBER NOTICE OF SALE

by the Contract Administrator. If permission is granted to operate from November 1 to April 30, the Purchaser shall comply with a maintenance 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:

85.03 stations of required construction. 10.76 stations of optional construction. 197.10 stations of required pre-haul maintenance. 272.83 stations of required post-haul maintenance. 10.76 stations of required decommissioning, if built. Purchaser maintenance on 1200, 1200 Ext, 1230, 1232, and 1240 Roads. Designated maintenance on all other roads used. Rock can be obtained from the State owned BB or Columbar Rock Pits at no cost to the Purchaser or any commercial rock source at the Purchaser's expense. Purchaser is required to perform rock exploration per Road Plan clause 6-13.

Road construction equipment and rock haul will not be permitted from November 1 to April 30, nor on weekends, or state recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1 to April 30, the Purchaser may be required to provide a maintenance plan per Road Plan clause 1-26.

ACREAGE DETERMINATION

CRUISE METHOD:

Acreege was determined by traversing boundaries by GPS. Traverse GPS data files are available upon request by emailing audrey.mainwaring@dnr.wa.gov. See cruise narrative for cruise method.

FEES:

\$85,821.00 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 conifer.

Purchaser shall cut all vine maple within the harvest unit(s), leaving a stump no more than 12 inches in height.

The haul route on the 1000 and 1200 roads are used by recreationists. Speed limit will be miles per hour or less.

Purchaser is responsible for protection and trail cleanout of portions of the South Tiger Traverse Trail. See Schedule B in the Contract for additional details.

Units 3 and 4 are RMZ thinning units. Purchaser is NOT responsible for creating snags or down wood. Trees near the stream-side boundaries of Units 3 and 4 that are marked with two bands of red paint and a "S" and one band of red paint and a "D" are not to be removed. These are trees identified for snags or down wood to be created by DNR post-harvest.

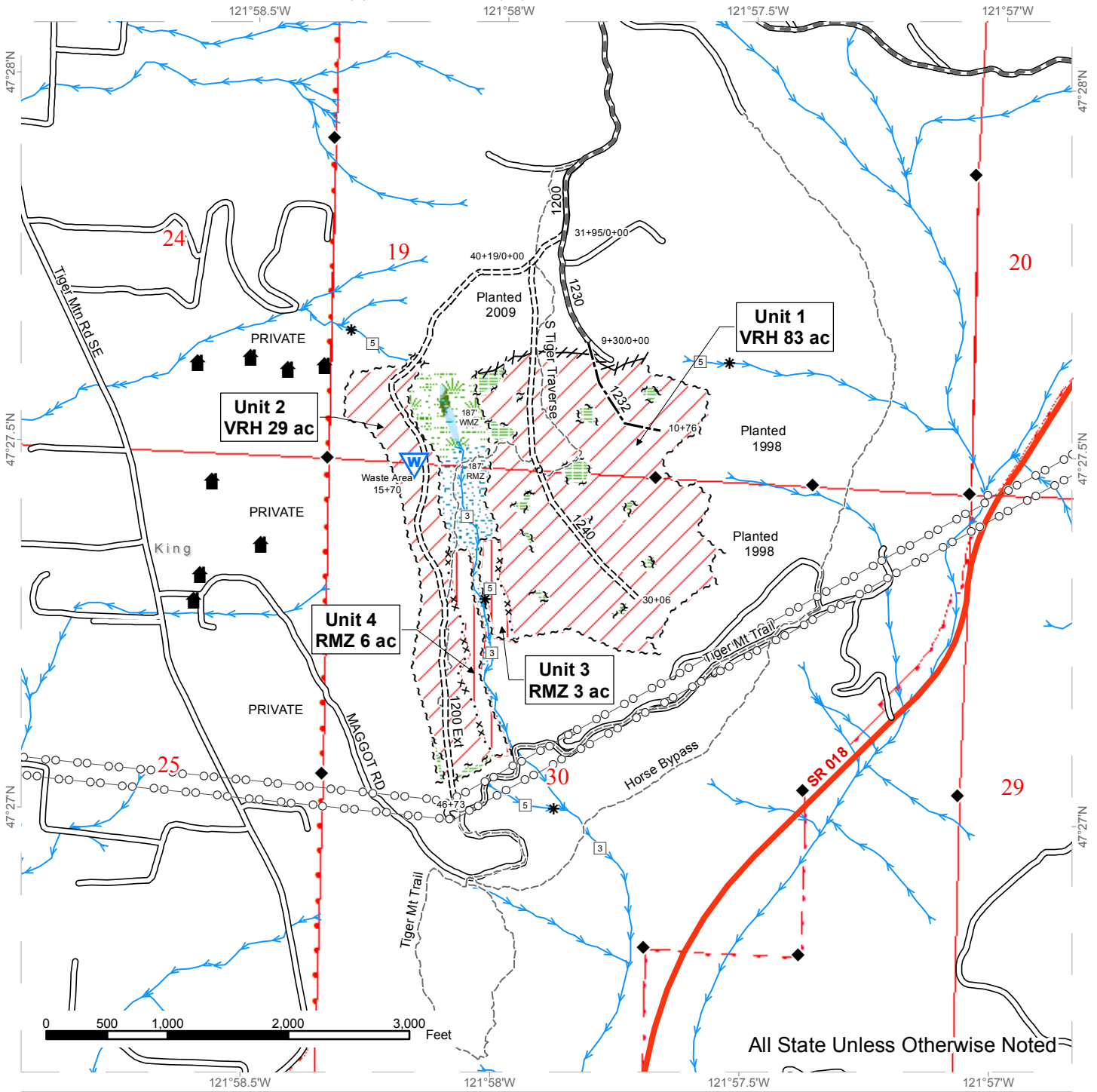
This sale includes work in close proximity to underground and above-ground utilities.

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: LONG CUT VRH and RMZ
AGREEMENT #: 30-094676
TOWNSHIP(S): T23R07E
TRUST(S): State Forest Transfer(1), Scientific School(10)

REGION: South Puget Sound Region
COUNTY(S): KING
ELEVATION RGE: 1310-2019



All State Unless Otherwise Noted

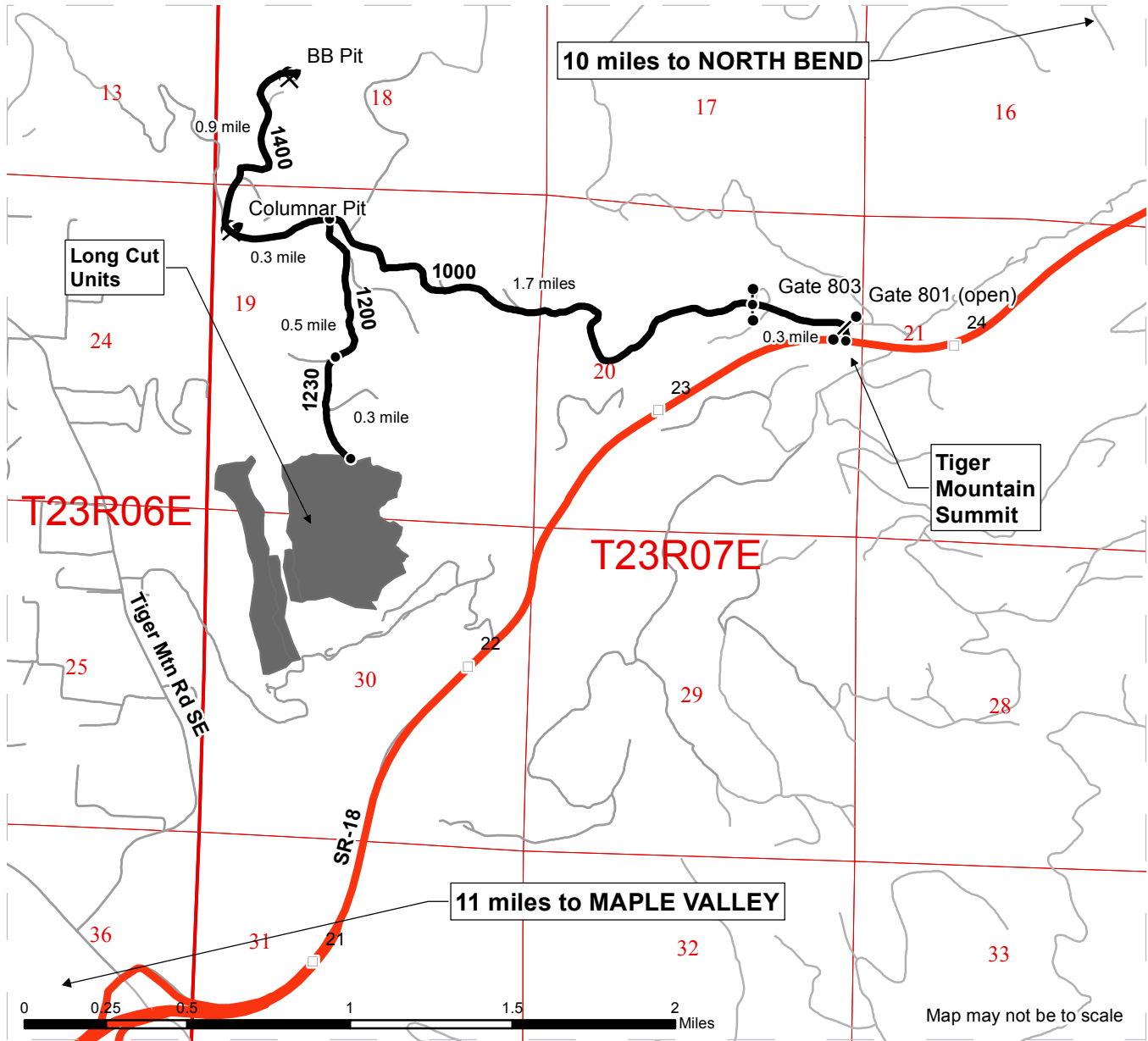
	Variable Retention Harvest		Sale Boundary Tags		Existing Roads
	Riparian Restoration		Special Mgmt Area		Required Pre-Haul Maintenance
	Leave Tree Area		Leave Tree Tags		Required Construction
	Riparian Mgmt Zone		Flag Line (Pink)		Optional Construction
	Forested Wetland		Streams		Old Grades/Trails
	Wetland Mgmt Zone		Stream Type		Survey Monument
	Structure		Stream Type Break		Power Lines
	Waste Area				



DRIVING MAP

SALE NAME: LONG CUT VRH and RMZ
AGREEMENT#: 30-094676
TOWNSHIP(S): T23R07E
TRUST(S): State Forest Transfer(1), Scientific School(10)

REGION: South Puget Sound Region
COUNTY(S): KING
ELEVATION RGE: 1310-2019



<ul style="list-style-type: none"> Timber Sale Unit Haul Route Other Road Highway Milepost Markers Distance Indicator Gate (Master 786) Rock Pit 	<p><u>DRIVING DIRECTIONS:</u></p> <p><u>FROM MAPLE VALLEY -> TO TIGER MTN SUMMIT</u> Head north on HWY 169 for 2.7 miles. Turn left on 231st St, after 300 feet turn right to merge onto HWY 18. Continue for 7.9 miles and turn left at Tiger Mtn. Summit.</p> <p><u>FROM NORTH BEND -> TO TIGER MTN SUMMIT</u> Merge onto I-90 Westbound, continue for 4.3 miles. Take Exit 25 and take left onto HWY 18. After 4.3 miles turn right at Tiger Mtn. Summit.</p> <p><u>FROM TIGER MTN SUMMIT -> TO LONG CUT UNITS</u> Take left onto the 1000 Rd, Gate 801 will be open, continue for 0.3 mile and open Gate 803 (Master 786). Continue on the 1000 Rd for 1.7 miles and take left onto the 1200 Rd. Continue for 0.5 mile and continue straight onto the 1230 Rd. The Long Cut Units can be accessed after 0.3 mile. S Tiger Traverse trail can be used to access all units,</p> <p><u>FROM 1000/1200 INT -> TO ROCK PITS</u></p> <p>COLUMNAR PIT - Continue west along the 1000 Rd for 0.3 mile, the Columnar Pit will be on your right</p> <p>BB PIT - After the Columnar Pit, take a right onto the 1400 Rd. Continue for 0.9 mile to the end of the road</p>
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TIMBER NOTICE OF SALE

SALE NAME: WALK IN THE PARK VRH RMZ

AGREEMENT NO: 30-95616

AUCTION: November 16, 2017 starting at 10:00 a.m., COUNTY: Lewis Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 13 miles Mossyrock

PRODUCTS SOLD AND SALE AREA: All timber, except trees marked with blue paint, trees bound by yellow "Leave Tree Area" tags, snags, and all down timber existing 5 years prior to the day of sale bound by: white "Timber Sale Boundary" tags, reprod, blue "Special Management Boundary" tags, the W-1000 and the W-1075 in Unit 1; and white "Timber Sale Boundary" tags, blue "Special Management Boundary" tags and reprod in Unit 2. All timber marked with a band of orange paint bound by; white "Timber Sale Boundary" tags and blue "Special Management Boundary" tags in WMZ Unit 1 & 2. on part(s) of Sections 30, 31 and 32 all in Township 12 North, Range 2 East, W.M., containing 102 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:

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

MINIMUM BID: \$1,002,000.00 BID METHOD: Sealed Bids

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

EXPIRATION DATE: October 31, 2019 ALLOCATION: Export Restricted

BID DEPOSIT: \$100,200.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvesting activities are 100% ground-based harvesting. Ground-based harvesting equipment shall only operate during dry soil conditions. Ground based yarding equipment will not be permitted on slopes over 40%. See clauses H-140 and H-141 for further harvest requirements. Ground Based Yarding will not be permitted from October 1 to April 30 unless authorized in writing by the State.

ROADS: 12.33 stations of required construction. 127.04 stations of required pre-haul maintenance. Rock for construction and pre-haul maintenance under this contract may be obtained at no cost to the Purchaser from the following rock sources; 1 1/2 INCH CRUSHED ROCK from the W-2020 Pit Stockpile located in Section 3, Township 11 North, Range 02 East, WM, and , 4 INCH JAW RUN ROCK from the Jupe Quarry



TIMBER NOTICE OF SALE

located in Section 32, Township 12 North, Range 02 East, WM, Road construction will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator. The hauling of forest products will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

CRUISE METHOD: The sale acres were determined by GPS delineation. Cruise was completed using variable plot cruise methods.

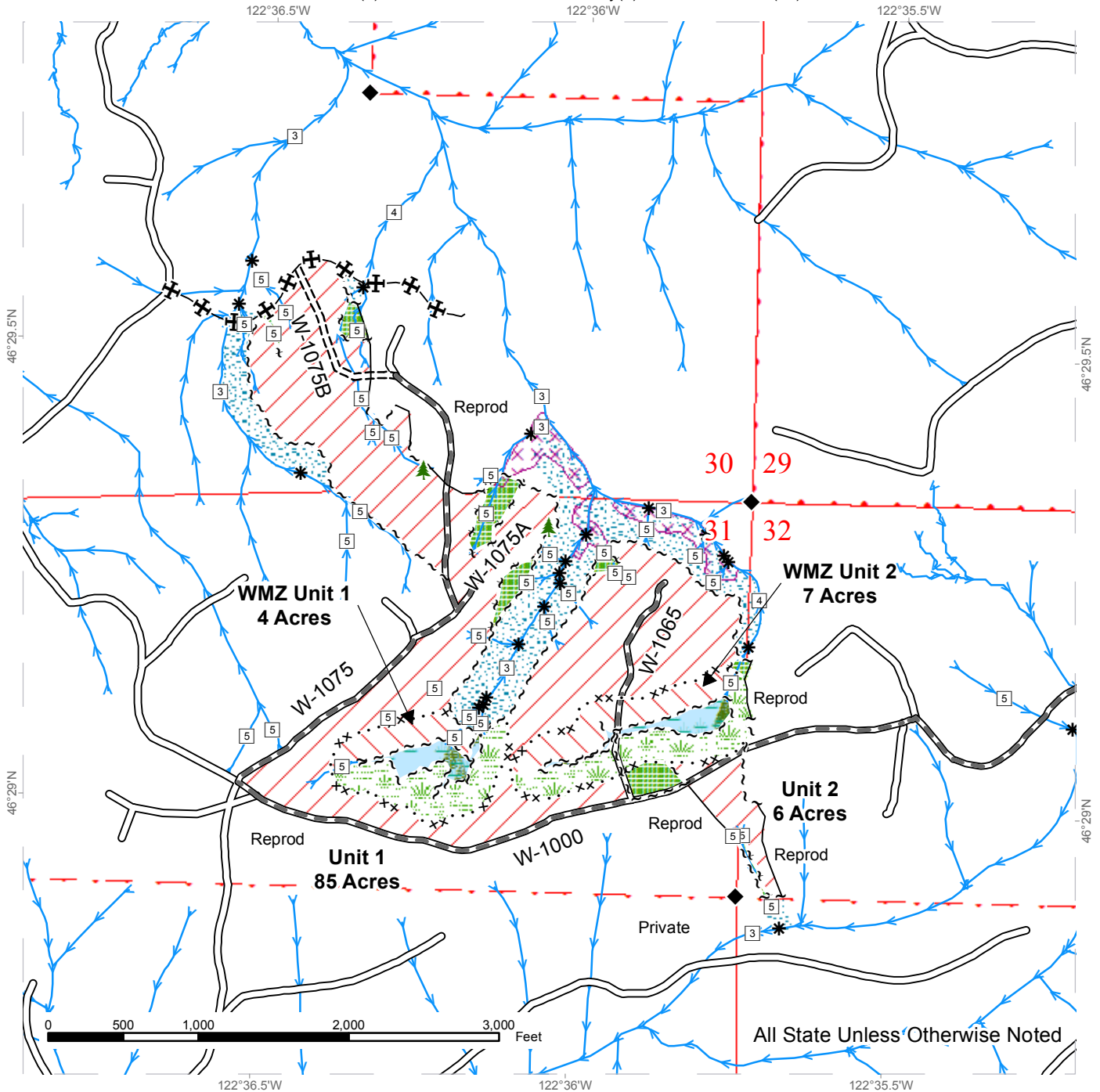
FEES: \$43,434.24 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale has approximately 460 MBF of high quality 2 saw DF, 397 MBF of high quality 3 saw DF, and 13 MBF of high quality 2 saw WH. See cruise for further details.

TIMBER SALE MAP

SALE NAME: WALK IN THE PARK VRH and RMZ
AGREEMENT #: 30-095616
TOWNSHIP(S): T12R02E
TRUST(S): State Forest Purchase(2), Common School and Indemnity(3), Scientific School (10)

REGION: Pacific Cascade Region
COUNTY(S): LEWIS
ELEVATION RGE: 864-1159



All State Unless Otherwise Noted

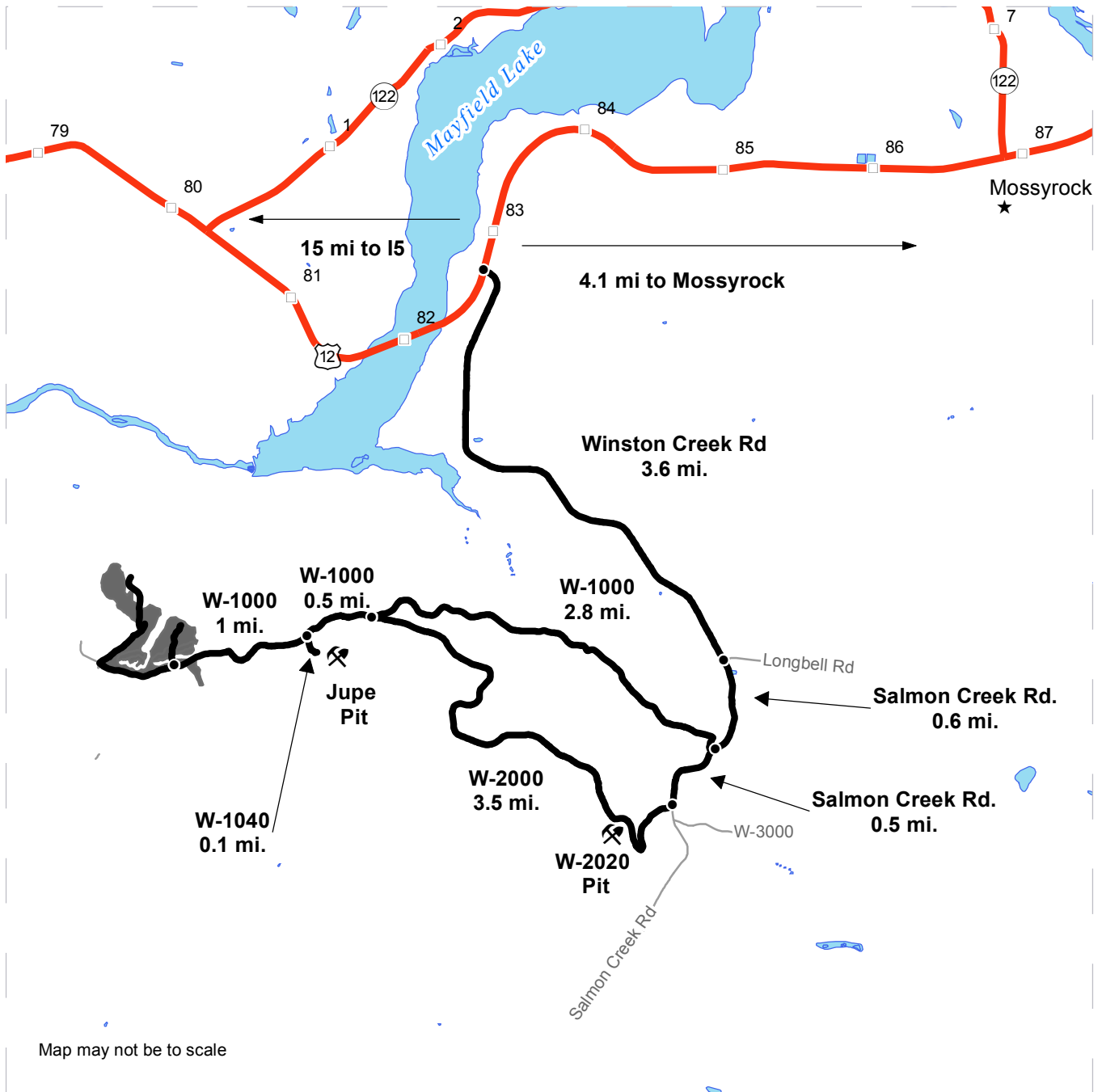
Variable Retention Harvest	Leave Tree Tags	Streams
WMZ Thinning	Special Mgmt Area	Stream Type
Leave Tree Area	Property Line	Stream Type Break
Riparian Mgt Zone	Timber Type Change	Leave Tree Area
Forested Wetland	Previously Abandoned Road	Survey Monument
Wetland Mgt Zone	Existing Roads	
Potentially Unstable Slopes	Required Pre-Haul Maintenance	
Sale Boundary Tags	Required Construction	



DRIVING MAP

SALE NAME: WALK IN THE PARK VRH and RMZ
AGREEMENT#: 30-095616
TOWNSHIP(S): T12R02E
TRUST(S): State Forest Purchase(2), Common School and Indemnity(3), Scientific School(10)

REGION: Pacific Cascade Region
COUNTY(S): LEWIS
ELEVATION RGE: 864-1159



Map may not be to scale

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

DRIVING DIRECTIONS:

From US highway 12, before mile post 83, turn south onto Winston Creek Road. Continue for 3.6 miles to Longbell Road. Winston Creek Road Turns into Salmon Creek Road at the intersection with Longbell. Continue on Salmon Creek Road for another 0.6 miles to the W-1000. Turn right on the W-1000 and continue for 2.8 miles to the intersection with the W-2000, continue on the W-1000 for 1.5 miles to the units. The W-2000 is an alternative haul route. Continue on Salmon Creek Road past the W-1000 for another 0.5 miles to the W-2000. Turn right on the W-2000 and follow for 3.5 miles. Turn left at the junction with the W-1000, and continue for 1.5 miles to all units.





TIMBER NOTICE OF SALE

SALE NAME: SAW LINK

AGREEMENT NO: 30-094076

AUCTION: November 14, 2017 starting at 10:00 a.m., COUNTY: Mason South Puget Sound Region Office, Enumclaw, WA

SALE LOCATION: Sale located approximately 4 miles northwest of Hoodspport.

PRODUCTS SOLD AND SALE AREA:

All timber, except leave trees marked with blue paint or bounded out by yellow leave tree area tags, snags, and downed timber existing more than 5 years from the day of sale, bounded by the following: white timber sale boundary tags, timber type change marked with pink flagging, and the 1500 Road in Unit #1; white timber sale boundary tags, and timber type change marked with pink flagging in Unit #2; white timber sale boundary tags and property line marked with Carsonite posts in Unit #3;

All timber bounded by orange right of way tags in Right of Way Units #4 and #5;

All timber except trees marked with a double band of blue paint, 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 in Right of Way Unit #6;

All forest products above located on part(s) of Sections 26, 27 and 28 all in Township 23 North, Range 4 West, W.M., containing 196 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:

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

MINIMUM BID: \$1,815,000.00 BID METHOD: Sealed Bids

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

EXPIRATION DATE: September 30, 2019 ALLOCATION: Export Restricted

BID DEPOSIT: \$181,500.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvesting activities are estimated to be 33 percent ground-based and 67 percent uphill cable. Ground based equipment, with cable-tethered equipment limited to sustained slopes 80 percent or less, self-leveling equipment limited to sustained slopes 65 percent



TIMBER NOTICE OF SALE

or less, non-self leveling shovels limited to sustained slopes 45 percent or less, and all other ground based equipment limited to sustained slopes 35 percent or less. Yarding may be restricted during wet weather if rutting becomes excessive, per clause H-017.

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

ROADS:

16.30 stations of required construction. 59.75 stations of required reconstruction. 123.50 stations of optional construction. 22.57 stations of optional reconstruction. 466.41 stations of required pre-haul maintenance. 15.33 stations of optional pre-haul maintenance. 760.54 stations of post-haul maintenance. Purchaser maintenance on all roads used. Rock for this proposal may be obtained from the State owned 1540 or Saddle Rock Pits at no cost to the Purchaser or any commercial rock source at the Purchaser's expense.

This proposal includes the installation of four 42" culverts. See the Culvert List in the Road Plan.

Operation of road construction equipment and rock haul will not be permitted from November 1 to April 30, weekends, or state recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator.

ACREAGE DETERMINATION

CRUISE METHOD:

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

FEES:

\$97,323.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS:

Trees within road clearing limits of Spur 5 and in Right of Way Unit #6 marked with a double band of blue paint that must be felled for road construction clearing are to be left on site.

Purchaser shall cut all vine maple within the harvest units, leaving a stump no more than 12 inches in height.

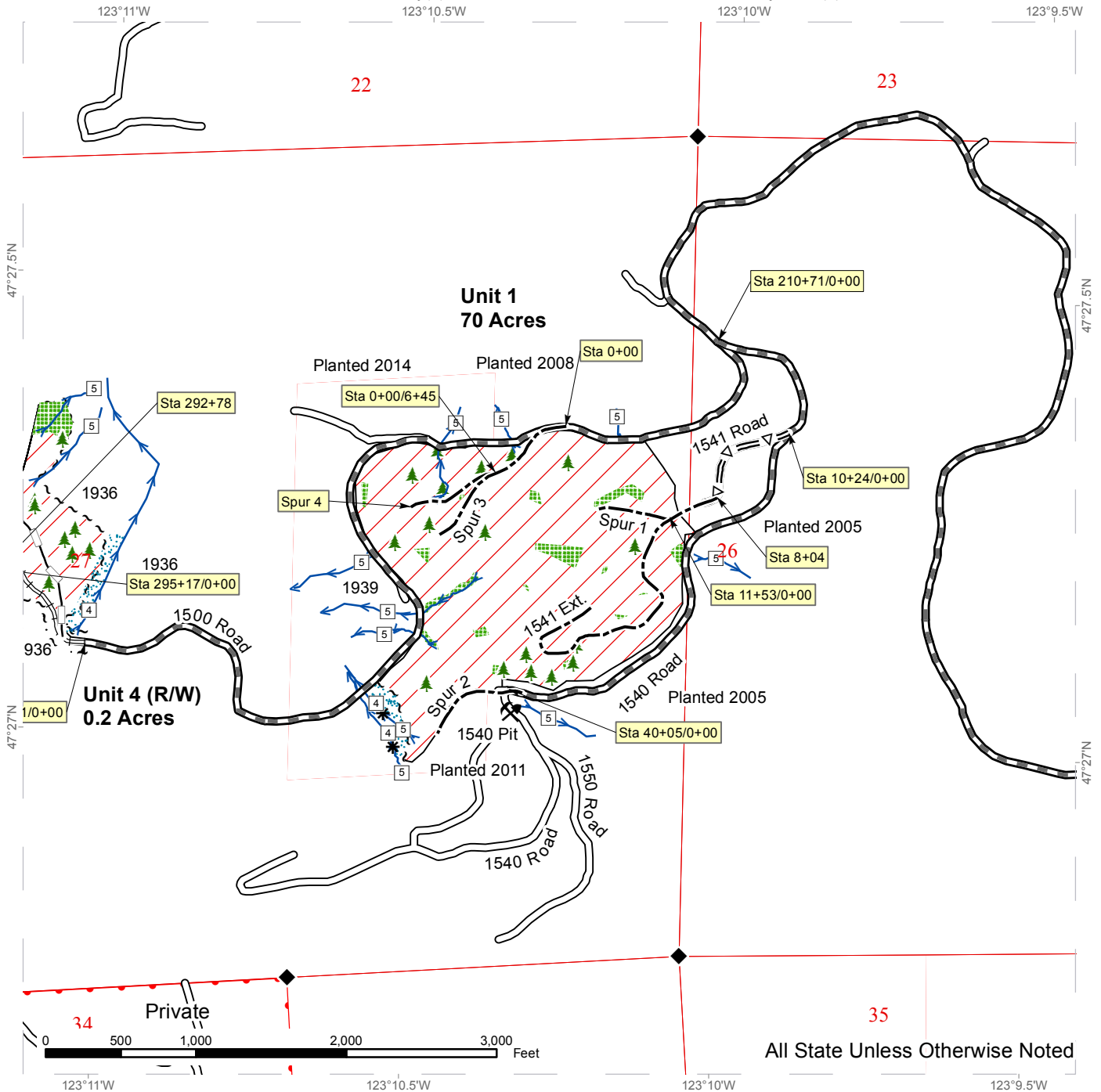
Due to slope stability protection, there are areas where tailholds and cable corridors will be restricted. Refer to contract clause H-141 and the Logging Plan Map for locations.

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 Mike Davies at (360) 801-0682.

TIMBER SALE MAP

SALE NAME: SAW LINK
 AGREEMENT #: 30-094076
 TOWNSHIP(S): T23R04W
 TRUST(S): Common School and Indemnity(3), Charitable/Educational/Penal & Reformatory Instit.(6)

REGION: South Puget Sound Region
 COUNTY(S): MASON
 ELEVATION RGE: 1199-2159

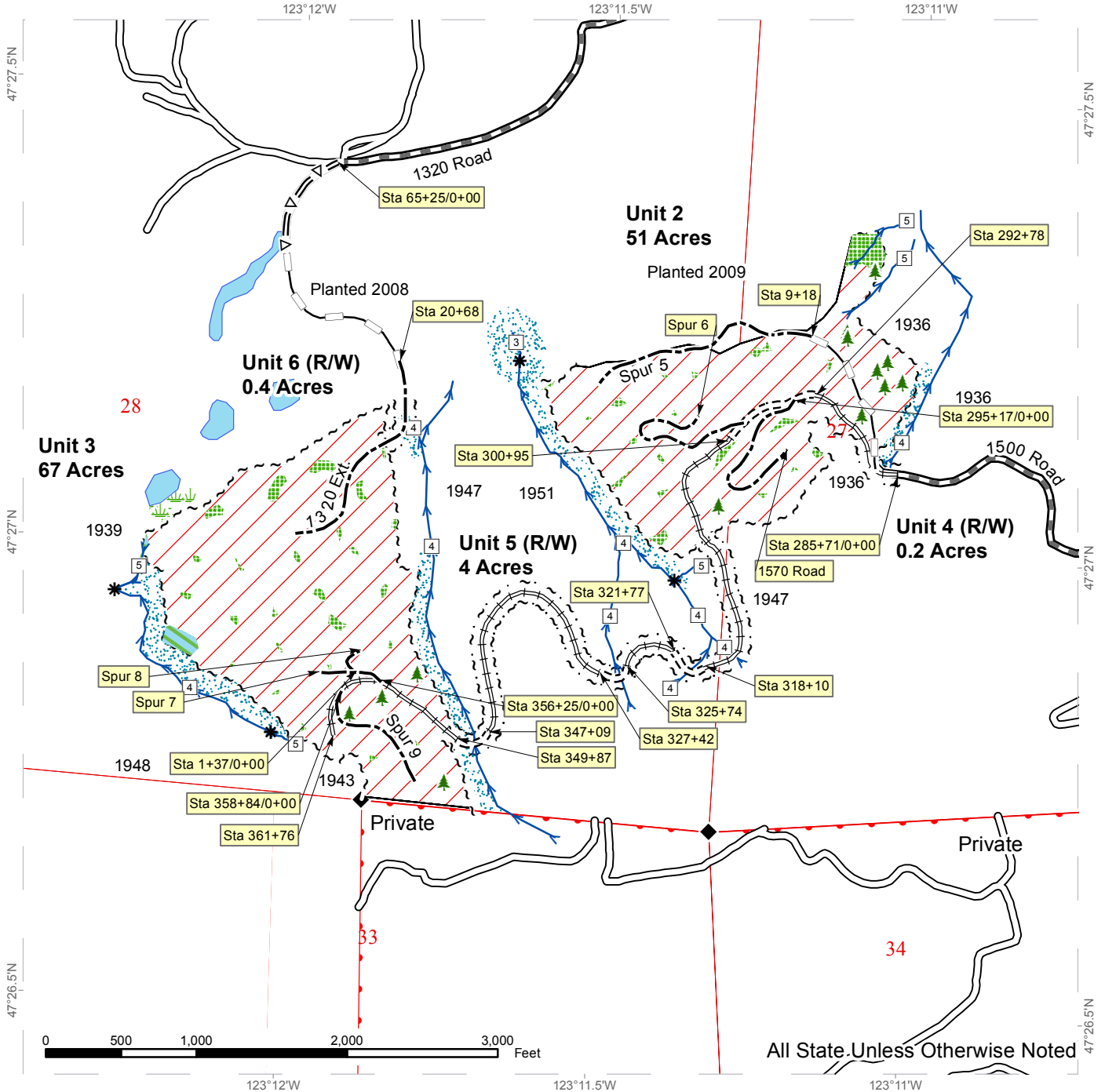


Yellow Tagged Leave Tree Area	Variable Retention Harvest	Rock Pit
Blue Painted Leave Trees	Existing Roads	Riparian Management Zone
White Timber Sale Boundary Tags	Survey Monument	Stream Type
Timber Type Change - Pink Flagging	Optional Pre-haul Maintenance	Stream Type Break
Orange Right of Way Tags	Optional Construction	Streams
	Optional Reconstruct	
	Required Pre-haul Maintenance	
	Required Reconstruction	

TIMBER SALE MAP

SALE NAME: SAW LINK
 AGREEMENT #: 30-094076
 TOWNSHIP(S): T23R04W
 TRUST(S): Common School and Indemnity(3), Charitable/Educational/Penal & Reformatory Instit.(6)

REGION: South Puget Sound Region
 COUNTY(S): MASON
 ELEVATION RGE: 1199-2159



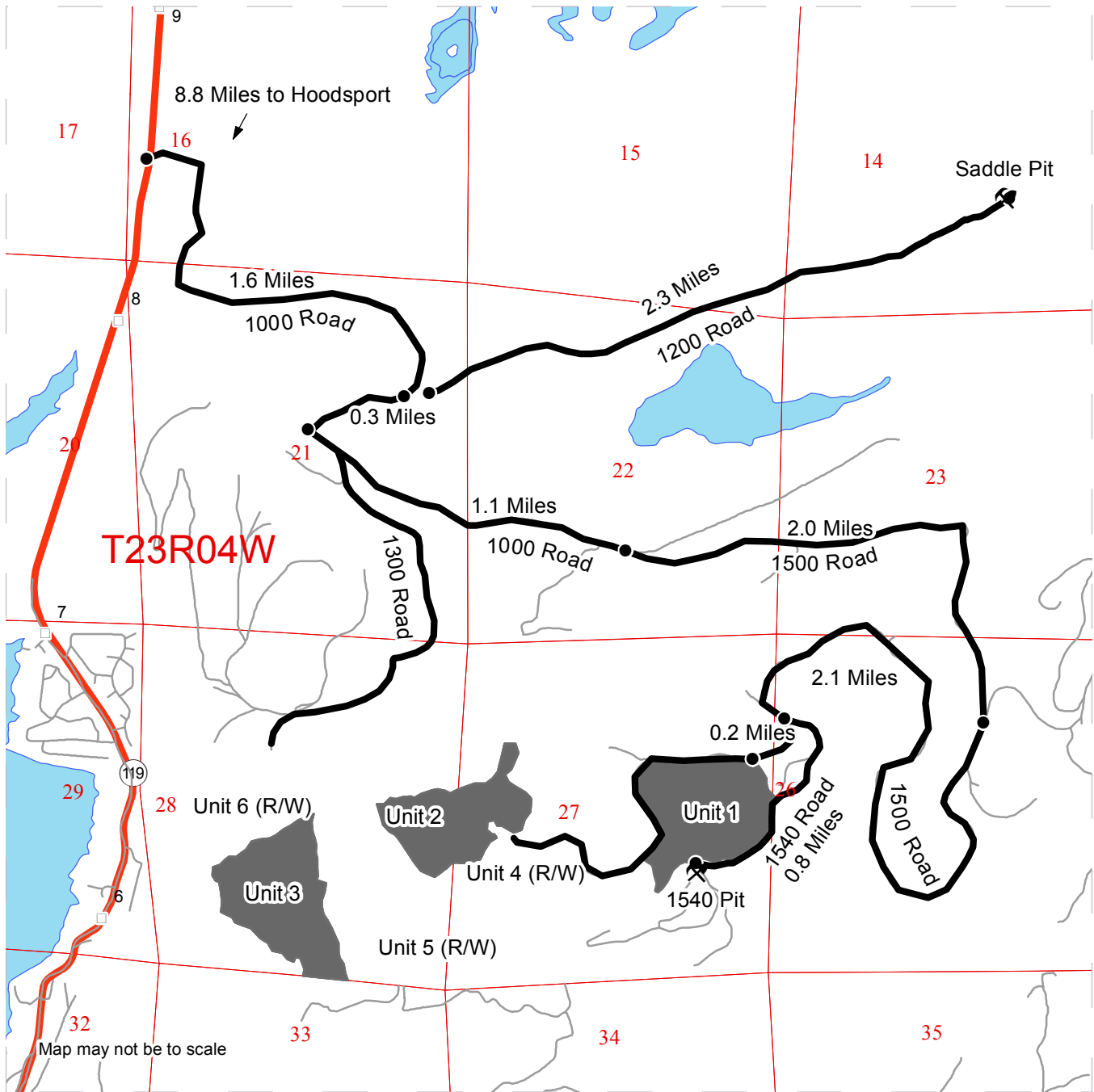
All State Unless Otherwise Noted

Yellow Tagged Leave Tree Area	Variable Retention Harvest	Open Water
Blue Painted Leave Trees	Existing Roads	Wetland Management Zone
Non-Tradeable Leave Tree Area	Survey Monument	Riparian Management Zone
White Timber Sale Boundary Tags	Optional Pre-haul Maintenance	Stream Type
Timber Type Change - Pink Flagging	Optional Construction	Stream Type Break
Orange Right of Way Tags	Optional Reconstruct	Streams
	Required Construct	
	Required Pre-haul Maintenance	
	Required Reconstruction	

DRIVING MAP

SALE NAME: SAW LINK
 AGREEMENT#: 30-094076
 TOWNSHIP(S): T23R04W
 TRUST(S): Common School and Indemnity(3), Charitable/Educational/Penal & Reformatory Instit.(6)

REGION: South Puget Sound Region
 COUNTY(S): MASON
 ELEVATION RGE: 1199-2159



- Timber Sale Unit
- Driving Route
- Other Road
- Milepost Markers
- Distance Indicator
- Rock Pit
- Gate (383 Key)

DRIVING DIRECTIONS:
 From Hoodspport: Drive north on SR-119 8.8 miles. Turn east on 1240 Road and drive 1.6 miles.
 To the Saddle Pit: Turn east on the 1200 and drive 2.3 miles.
 To the harvest units and 1540 Pit: Turn west on the 1200 Road and drive 0.3 miles. Turn east on the 1000 Road and drive 1.1 miles. Turn south on the 1500 Road and drive 4.3 miles.
 To the 1540 Pit: Turn east on the 1540 Road and drive for 0.8 Miles.
 To the harvest units: turn west on the 1541 and drive 0.2 miles to the harvest units.





TIMBER NOTICE OF SALE

SALE NAME: HECKENPECK

AGREEMENT NO: 30-94197

AUCTION: November 15, 2017 starting at 10:00 a.m., COUNTY: Pierce South Puget Sound Region Office, Enumclaw, WA

SALE LOCATION: Sale located approximately 6 miles northeast of Elbe.

PRODUCTS SOLD AND SALE AREA:

All timber, except trees marked with blue paint or bounded out by yellow leave tree area tags, snags, and down timber existing more than 5 years from the day of sale bounded by the following: white timber sale boundary tags, private property line marked with pink flagging and Carsonite posts, and a fence in Unit #1; white timber sale boundary tags in Units #2 and #3; white timber sale boundary tags, timber type change marked with pink flagging, and the 59 and 59-2 roads in Unit #4;

All timber marked with a single band of orange paint in Right of Way A;

All timber bounded by orange right of way tags in Right of Way B;

All forest products above located on part(s) of Sections 3, 4 and 5 all in Township 15 North, Range 5 East, Sections 32 all in Township 16 North, Range 5 East, W.M., containing 121 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572) and FSC 100% raw materials under the Forest Stewardship Council® Standard (cert no: BV-FM/COC-080501).

ESTIMATED SALE VOLUMES AND QUALITY:

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

MINIMUM BID: \$1,452,000.00 BID METHOD: Sealed Bids

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

EXPIRATION DATE: October 31, 2019 ALLOCATION: Export Restricted

BID DEPOSIT: \$145,200.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvesting activities are estimated to be 45 percent uphill cable, and 55 percent ground based harvest. Cable or ground based equipment, with cable-tethered equipment limited to sustained slopes 70 percent or less, non-tethered self-leveling equipment limited to sustained slopes 60 percent or less, and all other ground based equipment limited to



TIMBER NOTICE OF SALE

sustained slopes 45 percent or less. Yarding may be restricted during wet weather if rutting becomes excessive, per clause H-017.

Falling, yarding, and timber haul will not be permitted from November 1 to May 15, nor on weekends, or state recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1 to May 15, the Purchaser shall comply with a maintenance plan to include further protection of state resources including water, soil, roads and other resources at the Purchaser's expense. Preventative measures must be in place prior to commencing any winter operations.

In addition to the above restrictions, falling and yarding will not be permitted weekdays from 8 pm to 5 am within Unit #1.

ROADS:

30.45 stations of required construction. 31.85 stations of required reconstruction. 4.56 stations of optional construction. 285.57 stations of required pre-haul maintenance. 196.40 stations of required post-haul maintenance. 4.56 required post-haul maintenance, if built. Purchaser maintenance on the 59, 59-ext, 59-2, 59-4, 59-6, and 59-7 roads. Designated maintenance on all other roads used. Rock for this proposal can be obtained from the state owned Olive Rock Pit at no charge to the Purchaser or any commercial rock source at the Purchaser's expense. Purchaser is responsible for pit development to manufacture 1,200 cubic yard of 1 1/2" minus crushed rock in addition to rock applied to roads. See Rock List in the Road Plan for additional information.

Operation of road construction equipment and rock haul will not be permitted from November 1 to May 15, nor on weekends, or state recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1 to May 15, the Purchaser may be required to provide a maintenance plan per Road Plan clause 1-26.

ACREAGE DETERMINATION

CRUISE METHOD: Unit acreage and right of way B was determined by traversing boundaries by GPS. Right of way A 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: \$67,379.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: Extreme hazard abatement is required within 250 feet of structures west of Unit #1. Whole tree yarding in those areas may be used to accomplish abatement.

Purchaser shall cut vine maple within the harvest units, leaving a stump no more than 12 inches in height.

This sale contains variable timber types. See Cruise Narrative for additional information.

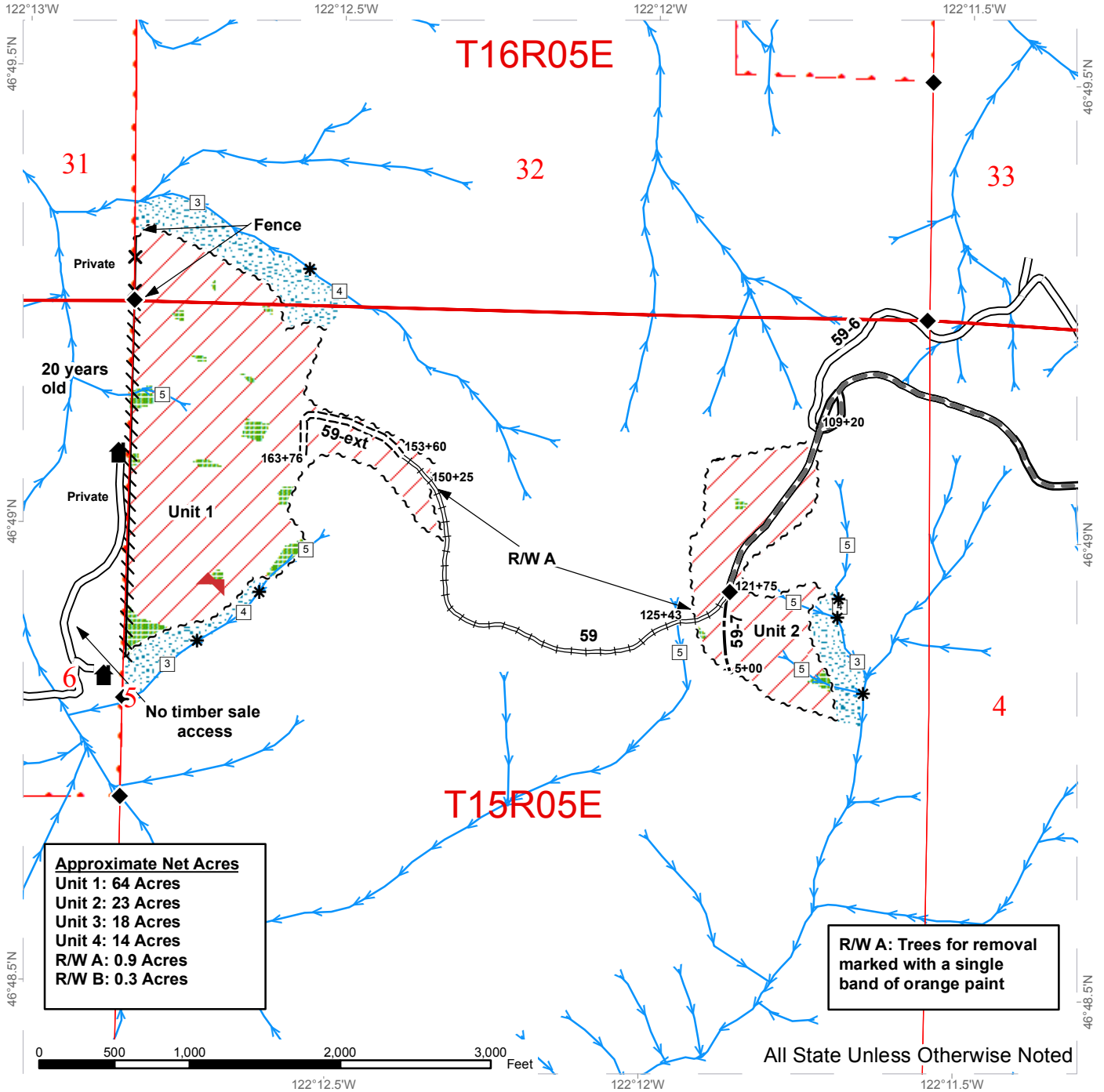
Cable profiles extrapolated from LiDAR have been run on some possible cable corridors. Intermediate supports and hanging high in the tail tree may be required to obtain sufficient suspension on some settings. The cable profile information is available upon request from the Mineral Work Center (360) 492-5031.

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 Kevin Carlsen at (360) 870-4090.

TIMBER SALE MAP

SALE NAME: HECKENPECK
AGREEMENT #: 30-094197
TOWNSHIP(S): T15R05E, T16R05E
TRUST(S): State Forest Transfer(1), State Forest Purchase(2), Common School and Indemnity(3), University Repayment(41)

REGION: South Puget Sound Region
COUNTY(S): PIERCE
ELEVATION RGE: 1,592 - 2,710 ft.



Approximate Net Acres
 Unit 1: 64 Acres
 Unit 2: 23 Acres
 Unit 3: 18 Acres
 Unit 4: 14 Acres
 R/W A: 0.9 Acres
 R/W B: 0.3 Acres

R/W A: Trees for removal marked with a single band of orange paint

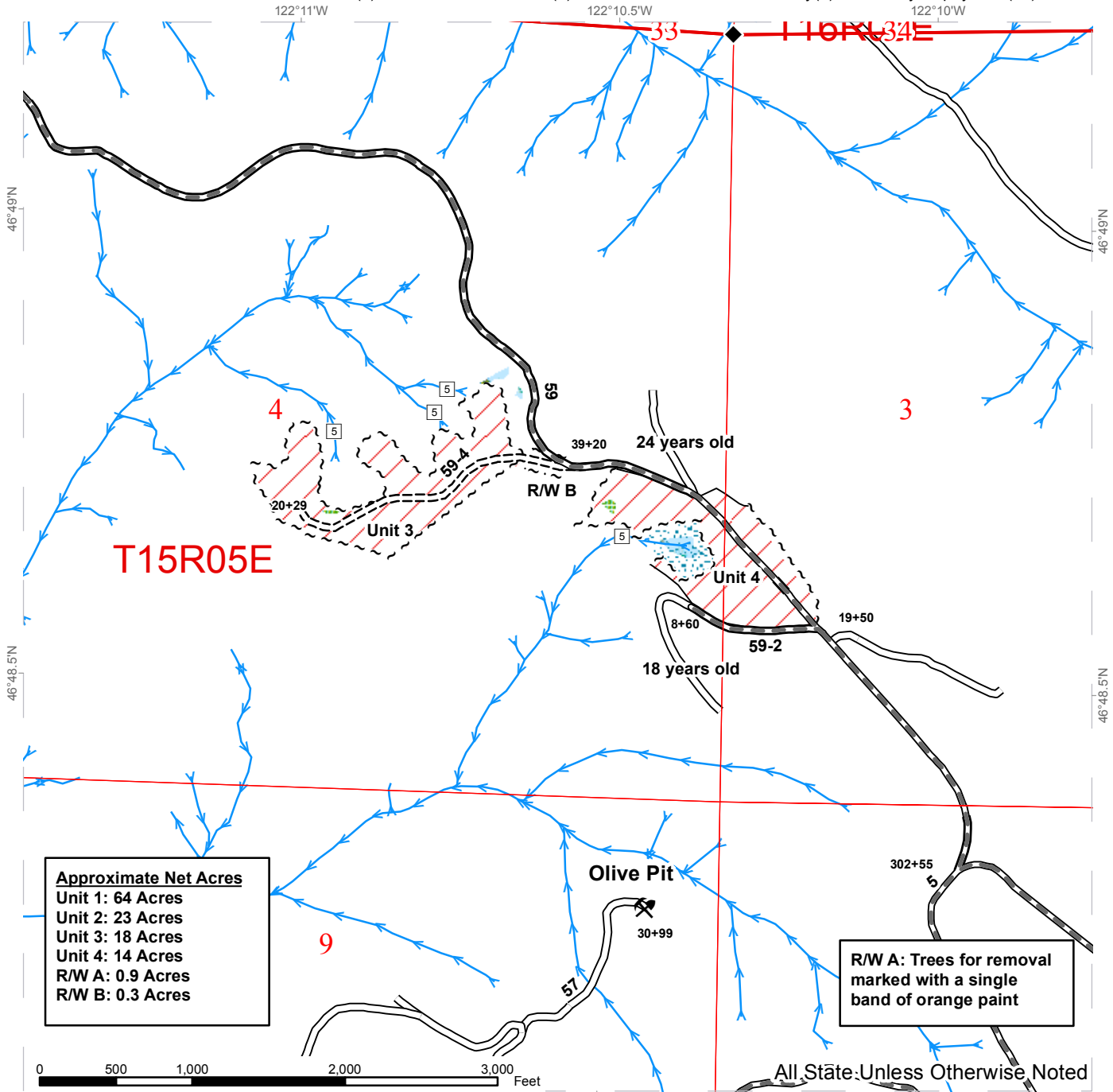
All State Unless Otherwise Noted

	Variable Retention Harvest		Required Pre-Haul Maintenance		Monumented Corner
	Leave Tree Area		Required Construction		Structure
	Riparian Mgt Zone		Required Reconstruction		Bald
	Sale Boundary Tags		Optional Construction		Public Land Survey Sections
	Pink Flagging		Streams		DNR Managed Lands
	Fence		Stream Type		
	Existing Roads		Stream Type Break		

TIMBER SALE MAP

SALE NAME: HECKENPECK
AGREEMENT #: 30-094197
TOWNSHIP(S): T15R05E, T16R05E
TRUST(S): State Forest Transfer(1), State Forest Purchase(2), Common School and Indemnity(3), University Repayment(41)

REGION: South Puget Sound Region
COUNTY(S): PIERCE
ELEVATION RGE: 1,592 - 2,710 ft.



Approximate Net Acres
 Unit 1: 64 Acres
 Unit 2: 23 Acres
 Unit 3: 18 Acres
 Unit 4: 14 Acres
 R/W A: 0.9 Acres
 R/W B: 0.3 Acres

R/W A: Trees for removal marked with a single band of orange paint

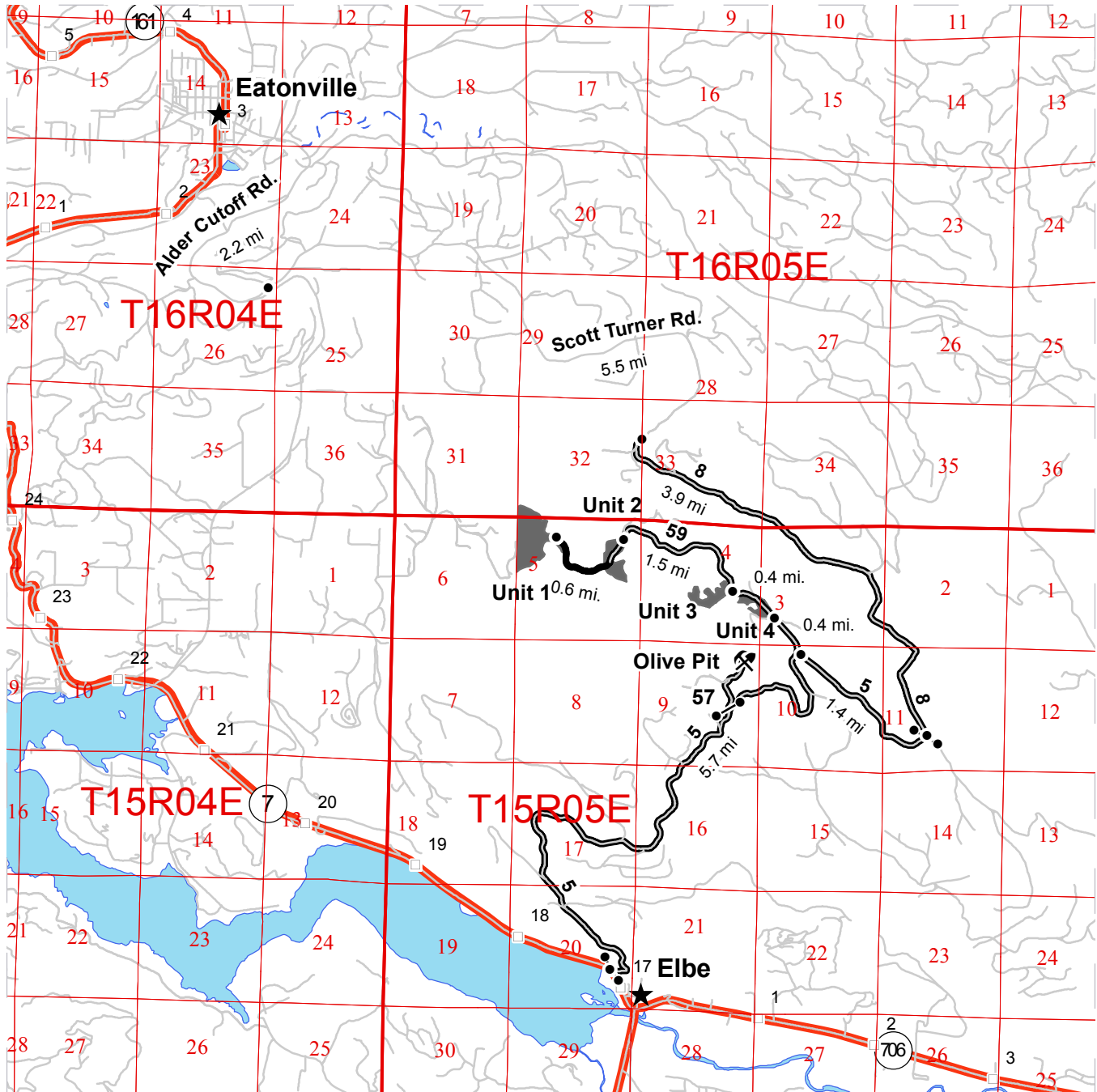
All State Unless Otherwise Noted

Variable Retention Harvest	Timber Type Change	Monumented Corner
Leave Tree Area	Existing Roads	Existing Rock Pit
Forested Wetland	Required Pre-Haul Maintenance	Public Land Survey Sections
Riparian Mgt Zone	Required Construction	DNR Managed Lands
Sale Boundary Tags	Streams	
Right of Way Tags	Stream Type	
	Stream Type Break	

DRIVING MAP

SALE NAME: HECKENPECK
AGREEMENT#: 30-094197
TOWNSHIP(S): T15R05E, T16R05E
TRUST(S): State Forest Transfer(1), State Forest Purchase(2), Common School and Indemnity(3), University Repayment(41)

REGION: South Puget Sound Region
COUNTY(S): PIERCE
ELEVATION RGE: 1,592 - 2,710 ft.



- Timber Sale Unit
- Highways
- Haul Route
- Other Route
- Milepost Markers
- Distance Indicator
- Town
- Gate - 383 Master
- Existing Rock Pit

DRIVING DIRECTIONS:
 From Eatonville take Alder Cutoff Rd E for 2.2 miles. Turn slight left onto Scott Turner Rd E for 5.5 miles. Continue onto 8 Road for 3.9 miles. Turn right onto the 5 Rd. for 1.4 miles. Turn right onto the 59 Rd. for 0.4 miles to reach Unit 4. Continue for another 0.4 miles and Unit 3 will be on your left. Continue for another 1.5 miles to reach Unit 2. Continue for another 0.6 miles to reach Unit 1.

From Elbe follow SR-7 to the west for approximately 0.2 miles. Turn right onto the 5 Rd. and follow for 5.7 miles. Turn left onto the 59 Rd. and proceed as described above.

Olive Pit:
 From the 5 Road / 59 Road junction, continue on the 5 Road south for 1.4 miles. Turn right onto the 57 Road and follow for 0.6 miles to reach the Olive Pit.

Additional Information:
 The 5 Rd. gates near Elbe and at the 8 Rd. intersection are closed from September 1 to March 15. No timber sale access to Unit 1 through private property.





TIMBER NOTICE OF SALE

SALE NAME: GREEN RIVER VRH RMZ

AGREEMENT NO: 30-95158

AUCTION: November 15, 2017 starting at 10:00 a.m., **COUNTY:** Snohomish
Northwest Region Office, Sedro Woolley, WA

SALE LOCATION: Sale located approximately 6 miles South of Granite Falls

**PRODUCTS SOLD
AND SALE AREA:**

All timber bounded by white timber sale boundary tags, trees marked with red paint (two bands), and the BW-13, and BW-1304 roads, except cedar salvage (cedar snags, preexisting dead and down cedar trees and cedar logs), trees marked with blue paint on the bole and root collar, and forest products tagged out by yellow leave tree area tags in Unit #1 (collectively labelled 1A and 1B).

All timber bounded by white timber sale boundary tags, trees marked with red paint (two bands), and the FG-ML road, except cedar salvage (cedar snags, preexisting dead and down cedar trees and cedar logs), trees marked with blue paint on the bole and root collar, forest products tagged out by blue special management tags (WMZ/RMZ), and forest products tagged out by yellow leave tree area tags in Unit #2.

All timber bounded by white timber sale boundary tags, flagline, and the FG-ML, FG-06 and FG-0608-02 roads, except cedar salvage (cedar snags, preexisting dead and down cedar trees and cedar logs), trees marked with blue paint on the bole and root collar, and forest products tagged out by yellow leave tree area tags in Unit #3 (collectively labelled 3A and 3B).

All timber bounded by white timber sale boundary tags, and trees marked with red paint (two bands), except cedar salvage (cedar snags, preexisting dead and down cedar trees and cedar logs), trees marked with blue paint on the bole and root collar, and forest products tagged out by yellow leave tree area tags in Unit #4.

All timber as described for removal in Schedule B located in the RMZ/WMZ thinning area (beyond the blue special management tags up to the white timber sale boundary tags) within Unit #2.

All timber bounded by orange right of way tags.

The above described products on part(s) of Sections 5, 6, 7 and 8 all in Township 29 North, Range 7 East, Sections 12 all in Township 29 North, Range 6 East, W.M., containing 191 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	MBF by Grade								
				1P	2P	3P	SM	1S	2S	3S	4S	UT
Douglas fir	18	8	4,760						2,177	2,157	411	15
Hemlock	21		245						187	51	7	
Cottonwood	16		31						10		17	4
Red alder	10		12							7	5	
Red cedar	14											
Sale Total			5,048									

MINIMUM BID: \$2,020,000.00 **BID METHOD:** Sealed Bids

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

EXPIRATION DATE: March 31, 2021 **ALLOCATION:** Export Restricted

BID DEPOSIT: \$202,000.00 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; a tracked skidder may be used only on the designated equipment trail in Unit #2; a feller-buncher may be utilized on sustained slopes 35% or less.

Falling and yarding in the RMZ/WMZ 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 dependent 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. Falling and Yarding will not be permitted from November 1 to April 30 BY GROUND-BASED EQUIPMENT. This will not be waived.

ROADS: 38.66 stations of required construction. 30.88 stations of optional construction. 30.88 stations of road to be abandoned if built. 170.11 stations of required pre-haul maintenance. Rock may be obtained from the following source(s) on State land at no charge to the Purchaser: FG-01 Gravel Pit at station 6+16 of the FG-ML Road for Pit run rock and Rip Rap. Proposed BW-1503 Gravel Pit at station 1+53 of the BW-1503 Road Pit run rock and Rip Rap

Development of proposed and existing rock source(s) will involve clearing, stripping, drilling, shooting, and processing rock to generate riprap and pit run rock.

An estimated total quantity of rock needed for this proposal: 129 cubic yards of riprap and 4,596 cubic yards of pit run rock.

Additional restrictions apply, see Remarks section below.



TIMBER NOTICE OF SALE

Road work 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 April 30 unless authorized in writing by the Contract Administrator to reduce soil damage and siltation.

ACREAGE DETERMINATION

CRUISE METHOD: Acres determined by GPS traverse for units and length x width calculation for right-of-way. Cruise was conducted via variable plot sample type, as well as 1/10 acre fixed plot for the thinning area, and 100% sample in the right-of-way. See Cruise Narrative for further details. Shapefiles of units are available upon request.

FEES: N/A \$89,602.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in addition to the bid price.

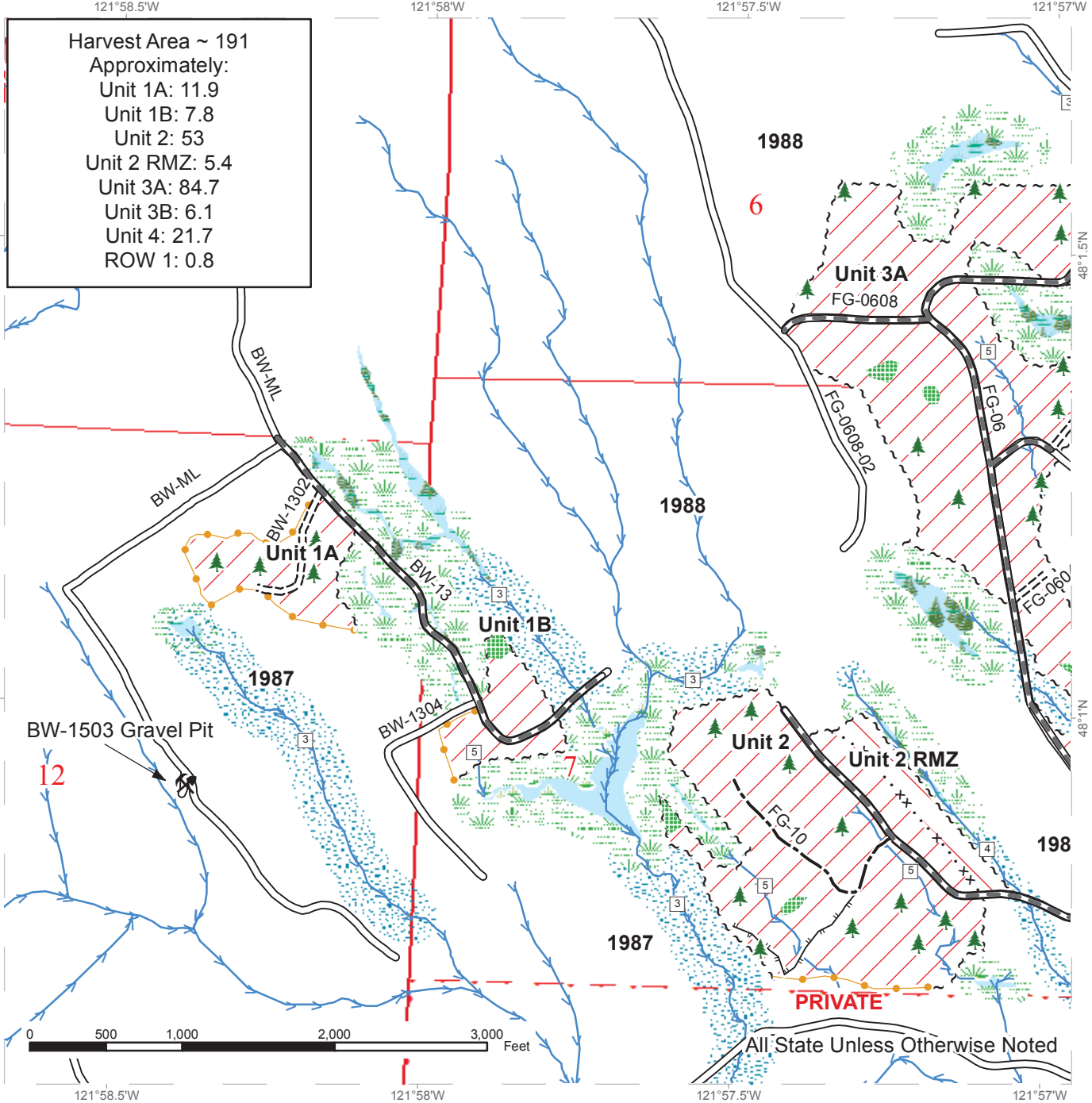
SPECIAL REMARKS:

1. Trees marked with red paint represent the last take tree along a portion of the unit boundaries.
2. Outer boundary of harvest area in RMZ/WMZ thinning area is demarcated with blue special management tags within the sale area.
3. A portion of the road construction work is on previously abandoned road grade.
4. Portions of Unit 1 share a boundary with portions of the Yakima Valley VDT Timber Sale. Boundary trees are designated by two red bands and a yellow "T", and are intended to be harvested with the Green River Timber Sale.
5. The seasonal timing restriction for ground-based operations is NOT WAIVABLE. See contract clause H-141. The contract term has been adjusted to add an additional operating season due to this seasonal restriction.

TIMBER SALE MAP

SALE NAME: GREEN RIVER
AGREEMENT #: 30-095158
TOWNSHIP(S): T29R06E, T29R07E
TRUST(S): Community College Forest Reserve(12)

REGION: Northwest Region
COUNTY(S): SNOHOMISH
ELEVATION RGE: 480-728



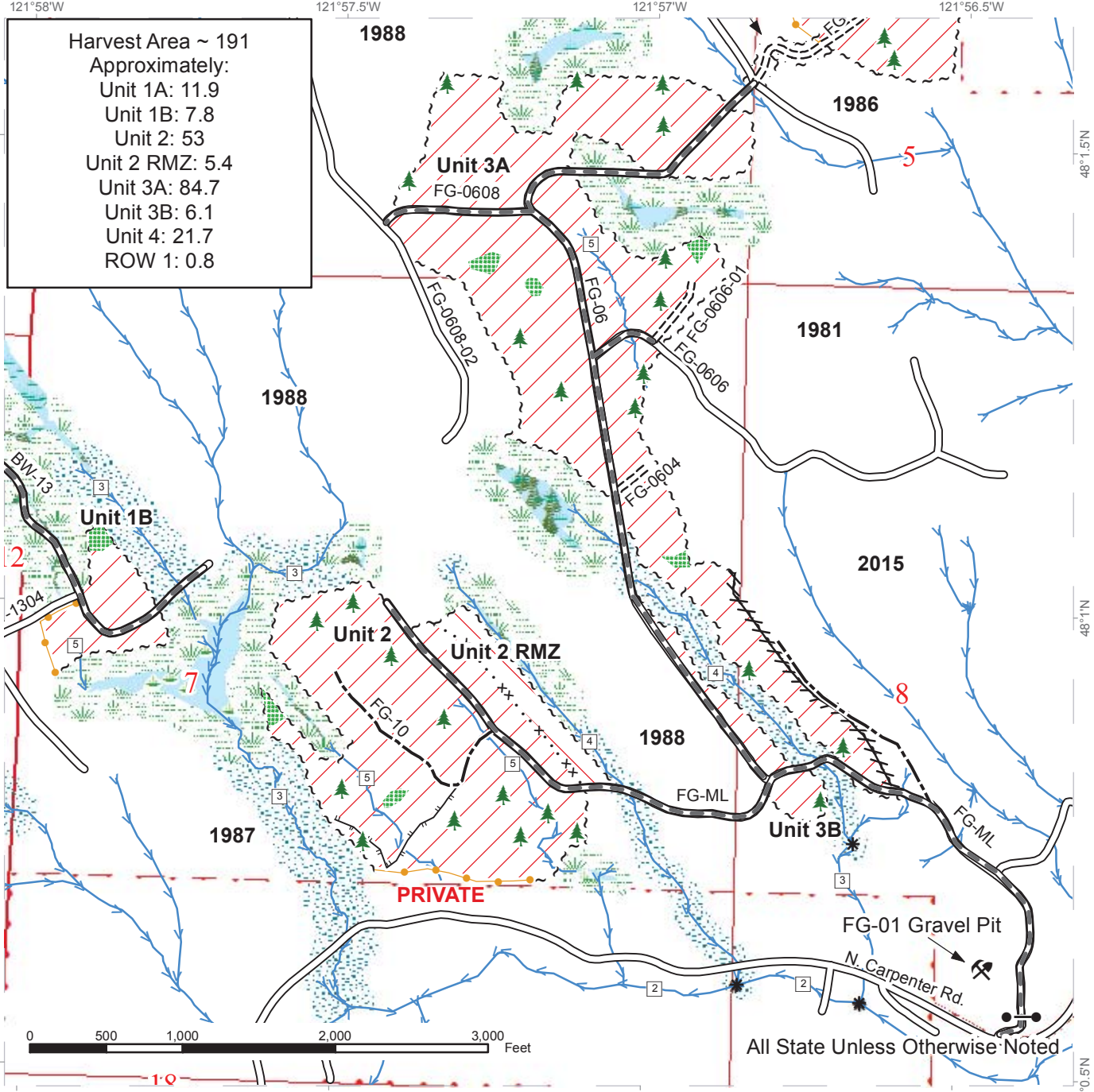
	Variable Retention Harvest		Forested Wetland		Required Pre-Haul Maintenance
	Variable Density Thinning		Wetland Mgt Zone		Required Construction
	Rock Pit		Streams		Optional Construction
	Leave Tree Area		Sale Boundary Tags		Designated Equipment Trail
	Leave Tree Area		Special Mgmt Area		Stream Type
	Riparian Mgt Zone		Take / Removal Trees		Stream Type Break
	Wetlands - Non-forested		Existing Roads		



TIMBER SALE MAP

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Harvest Area ~ 191
 Approximately:
 Unit 1A: 11.9
 Unit 1B: 7.8
 Unit 2: 53
 Unit 2 RMZ: 5.4
 Unit 3A: 84.7
 Unit 3B: 6.1
 Unit 4: 21.7
 ROW 1: 0.8

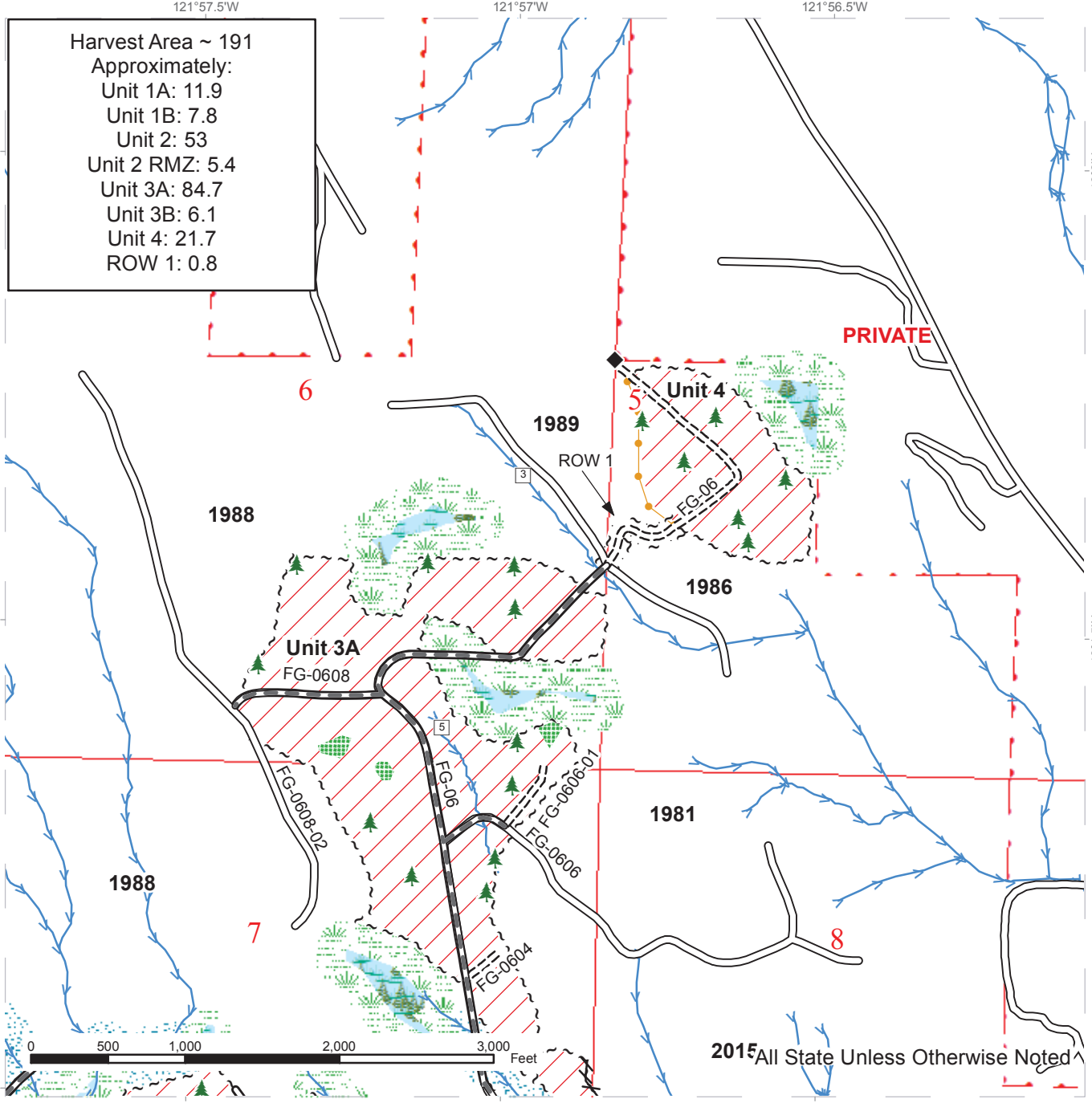
	Variable Retention Harvest		Forested Wetland		Existing Roads
	Variable Density Thinning		Wetland Mgt Zone		Required Pre-Haul Maintenance
	Gate		Streams		Required Construction
	Rock Pit		Sale Boundary Tags		Optional Construction
	Leave Tree Area		Special Mgmt Area		Designated Equipment Trail
	Leave Tree Area		Right of Way Tags		Stream Type
	Riparian Mgt Zone		Take / Removal Trees		Stream Type Break
	Wetlands - Non-forested		Flag Line		

All State Unless Otherwise Noted

TIMBER SALE MAP

SALE NAME: GREEN RIVER
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	Variable Retention Harvest		Wetland Mgt Zone		Required Pre-Haul Maintenance
	Variable Density Thinning		Streams		Required Construction
	Leave Tree Area		Sale Boundary Tags		Stream Type
	Leave Tree Area		Right of Way Tags		Stream Type Break
	Riparian Mgt Zone		Take / Removal Trees		Survey Monument
	Wetlands - Non-forested		Flag Line		Existing Roads
	Forested Wetland				



