



PROSPECTUS



United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Springfield Interagency Office, Northwest Oregon District
3106 Pierce Parkway, Suite E, Springfield, Oregon 97477
<http://www.blm.gov>

SCALE SALE

July 28, 2021

Parcel No. 2
Contract No. ORN05-TS21-546
Upper Willamette Field Office

Finn Angel

TIMBER SALE NOTICE

NOTICE IS HEREBY GIVEN that the Bureau of Land Management will offer for sale timber as described herein for oral auction, pursuant to Instructions to Bidders, as stated on Form No. 5440-9, attached. Written and oral bids will be received by the District Manager, or his representative, at the **NORTHWEST OREGON DISTRICT'S SPRINGFIELD INTERAGENCY OFFICE, 3106 PIERCE PARKWAY, SPRINGFIELD, OREGON**. The timber sale will commence at 10:00 a.m. on Thursday, **August 26, 2021**.

THIS TIMBER SALE NOTICE does not constitute the decision document for purposes of appeal of a forest management decision. Consistent with 43 CFR Subpart 5003.2(b), the date the BLM posts the forest management decision on the BLM's ePlanning website establishes the effective date of the decision for purposes of an administrative appeal.

A WRITTEN BID on Form 5440-9 at not less than the appraised price on a unit basis per species and the required minimum bid deposit shall be required to participate in oral bidding for each tract.

THE SUCCESSFUL BIDDER, as a condition of award, will be required to complete and/or sign the following forms:

1. Form 5430-11, a certification that the bid was arrived at by the bidder or offerer independently, and was tendered without collusion with any other bidder or offerer.
2. Form 5450-17, Export Determination.

PRE-AWARD QUALIFICATIONS. The high bidder may be required to furnish information to determine the ability to perform the obligations of the contract. If the high bidder is determined not qualified, not responsible or refuses to respond within 15 days of a request for information pertaining to qualifications, the contract may be offered and awarded for the amount of the high bid to the highest of the bidders who is qualified, responsible, and willing to accept the contract.

A PERFORMANCE BOND in an amount not less than 20 percent of the total purchase price will be required for all contracts of \$2,500 or more, but the amount of the bond shall not be in excess of \$500,000, except when the Purchaser opts to increase the minimum bond as provided in 43 CFR 5451.2. A minimum performance bond of not less than \$500 will be required for all installment contracts less than \$2,500.

INSTALLMENT PAYMENTS may be authorized for sales of \$500 or more. Required installments will be determined by BLM. For sales under \$500,000, installments will not be less than 10% of the total purchase price. For sales of \$500,000 or more, installment payments shall be \$50,000.

LOG EXPORT AND SUBSTITUTION. All timber sales, including timber from Federal rights-of-ways, shall be subject to the restrictions relating to the export and substitution of unprocessed timber from the United States in accordance with P.L. 94-165 and 43 CFR 5400 and 5424, as amended.

LOG EXPORT AND SUBSTITUTION RESTRICTIONS. Excepting Port-Orford-cedar, all timber offered for sale hereunder is restricted from export from the United States in the form of unprocessed timber and is prohibited from being used as a substitute for exported private timber.

SPECIAL PROVISIONS. A revised Special Provision has been added to the contract which enables the Contracting Officer to suspend the contract to facilitate protection of certain plant or animal species, and/or to modify or terminate the contract when necessary to: (1) Comply with the Endangered Species Act or to prevent incidental take of northern spotted owls in accordance with management direction in the Record of Decision (ROD) and Resource Management Plan (RMP), or; (2) Comply with a stay or remedy issued by the Interior Board of Land Appeals or a court order, or; (3) Protect species which were identified for protection in accordance with management direction established in the ROD and RMP.

ADDITIONAL INFORMATION concerning each timber sale tract described herein is available at the Springfield Interagency Office. A copy of the timber sale contract is also available for inspection at the Springfield Interagency Office. This prospectus includes maps and tables that cannot be made Section 508 compliant. For help with its data or information, please contact the Northwest Oregon District's Springfield Interagency Office at (541) 683-6776.

THE VOLUMES LISTED herein are estimates only, based on 16-foot taper breaks, which must be taken into consideration if comparisons are made with volume predictions based on other standards. The volumes based on 32-foot taper breaks are shown for comparison purposes. No sale shall be made for less than the total purchase price, without regard to the amount bid per unit, even though quantity of timber actually cut or removed or designated for taking is more or less than the estimated volume or quantity so listed.

A CATEGORICAL EXCLUSION was prepared for this sale, and a Decision Record has been documented. These documents are available for inspection as background for this sale at the Northwest Oregon District's Springfield Interagency Office.

ACCESS to a sale may be through a locked gate (see individual sale information). Prospective bidders may obtain a key from the Northwest Oregon District's Springfield Interagency Office. Any other persons interested in visiting the timber sale site should first contact the Springfield Interagency Office at (541) 683-6600.

Attachments:

- Form 5440-9
- Form 5430-11
- Form 5450-17
- Form 5450-22

NORTHWEST OREGON DISTRICT
UPPER WILLAMETTE FIELD OFFICE

**TIMBER SALE NOTICE
SCALE SALE
EUGENE MASTER UNIT
Designation by Description**

PARCEL NO.: 2
SALE DATE: August 26, 2021

Contract No.: ORN05-TS21-546, Finn Angel
Lane County, Oregon: O&C and PD: Oral Auction

Bid Deposit Required: \$105,200.00

All timber designated for cutting on SE1/4SW1/4, W1/2SE1/4, Section 13, T.16 S., R. 1 E.; Lots 1, 2, 5, 6, 7, 9, 12, and 13, Section 17, Lots 9-11, 13-16, 19, and 22, Section 19, N1/2NE1/4, Section 20, NW1/4NE1/4, N1/2NW1/4, Section 29, T.16 S., R. 2 E., Will. Mer.

Estimated Volume 32' Log (MBF)	Species	Estimated Volume 16' Log (MBF)	Appraised Price Per MBF	Estimated Volume Times Approx. Price
7,986	Douglas-fir	9,288	\$113.20	\$1,051,401.60
4	Western hemlock	5	\$33.00*	165.00
7,990	Totals	9,293		\$1,051,566.60

* 10% Pond Value

APPRAISED PRICES are calculated by determining market value through the analytical appraisal method. The minimum bid increment will be \$0.10 per MBF or multiples thereof.

LOG EXPORT RESTRICTIONS: All timber offered for sale hereunder is restricted from export from the United States in the form of unprocessed timber and is prohibited from being used as a substitute for exported private timber.

NOTE: The volume for this timber sale has been calculated using 16 foot eastside Scribner rules, and the 32 foot log volumes are estimates derived from the 16 foot volumes.

CRUISE INFORMATION: The timber volumes for Douglas-fir and western hemlock in the Salvage Harvest Areas were based on a variable plot cruise for estimating board foot volume. Plots were measured using a 40 basal area factor for a total of 141 plots. A map showing the location and description of the sample trees is available at the Northwest Oregon District's Springfield Interagency Office.

With respect to merchantable Douglas-fir (sample) trees: The average tree is 19.6" DBHOB; the average log contains 115 bd. ft.; the total gross merchantable volume is approximately 10,611 MBF; and 81% recovery is expected.

BLM Designation by Description (DxD) Scale Sale Timber Sale Process

Operations on this timber sale will be conducted under a Designation by Description (DxD) scale contract. DxD is also referred to as "Purchaser Select." This is a method of sale where the Government does not mark (paint) the timber to be cut and removed in the Salvage Harvest Areas. Instead, the timber to be cut is designated by description, i.e., written cutting guidelines (Selection Criteria) which implement the silvicultural prescription and are made a requirement of the timber sale contract in accordance with Section 41(b).

1. Cruise: The variable plot cruise was implemented with the cruiser using the Selection Criteria for cutting in order to estimate the volume that would be cut and removed. The estimated volume was used for appraisal purposes and is delineated in this timber sale notice. In addition, this volume is delineated in the attached Exhibit B, and will be used to bill the Purchaser.

EXTENSION CREDITS: The Purchase of this salvage timber entitles the Purchaser to volume-for-volume and contract term-for-contract term extensions without reappraisal of qualifying BLM contracts for green timber held by the Purchaser.

CUTTING AREA: Approximately 222 acres shall be salvage harvested, and approximately 2.1 acres of right-of-way shall be cleared.

ACCESS: Access to the sale is provided by:

1. A public road;
2. BLM existing roads;
3. BLM roads to be constructed;
4. Roads covered by Right-of-Way and Road Use Agreement E-662 between Weyerhaeuser Company and the United States. In the renovation, improvement, use, and maintenance of private roads, and in the use of tailholds and guybacks, the Purchaser shall enter into a license agreement with Weyerhaeuser Company. The license agreement shall be delivered to Weyerhaeuser Company for execution at least 15 days prior to any use of company roads.

5. Roads covered by Right-of-Way and Road Use Agreement E-300C between Giustina Tree Farms Company and the United States. In the renovation, improvement, use, and maintenance of private roads, the Purchaser shall enter into a license agreement with Giustina Tree Farms Company. The license agreement shall be delivered to Giustina Tree Farms Company for execution at least 15 days prior to any use of company roads. See the Prospectus for full terms and conditions of use.

ROAD MAINTENANCE: The Purchaser shall pay road use fees of \$27,345.00, and a road maintenance and rockwear fee estimated at \$25,923.95 to Weyerhaeuser Company. The Purchaser shall pay road use fees of \$10,951.85, and a rockwear fee estimated at \$911.88 to Giustina Tree Farms Company. The Purchaser shall pay BLM a rockwear fee of \$9,497.72. See Exhibit D map for specification of road maintenance responsibility. Only the map page of Exhibit D is included in the Prospectus. Refer to the contract file for the full Exhibit D.

In addition to the quantities shown below, 500 cubic yards (truck measure) of maintenance rock is required. Additional road reinforcement (rocking) may be required for wet weather haul and will be at the Purchaser's expense. Load tickets are required for maintenance rock accounting.

ROAD CONSTRUCTION:

Road Nos. 16-2E-20.4
 Length: 21.27 Stations
 Class: SN-14
 Special Requirements: Operations limited to periods of dry weather.

ROAD RENOVATION:

Angels Flight Road, and Road Nos. 16-1E-13.2 and -13.3, 16-2E-8 Seg. A, -17, -17.1, -18, -18.3 Seg. D, -18.4, -18.5, -19.1, -19.2, -19.3, -19.7, -20.3 Seg. B, and -29
 Length: 305.7 / 98.21 Stations
 Class: SN-14 / SN-16
 Special Requirements: Installation of stream crossing culverts will be limited to the ODFW in-stream work window, July 1-August 15, unless a waiver is obtained from ODFW to allow work outside of this time frame.

ROAD IMPROVEMENT:

Road Nos. 16-2E-8 Seg. B and -20.3 Segs. A and C
 Length: 19.61 Stations
 Class: SN-14
 Special Requirements: Operations limited to periods of dry weather.

Rock Source: Commerical, Walterville / Blue River Vicinity

Estimated Rock Quantities (CY truck measure)

<u>3/4" Minus</u>	<u>1-1/2" Minus</u>	<u>3" Minus</u>	<u>Jaw Run</u>	<u>4"-6" Open</u>
1,886	1,548	1,274	2,106	66

Culverts:

<u>Diameter:</u>	<u>Length:</u>	<u>Number:</u>
18"	830'	26
24"	30'	1

Total Estimated Exhibit C Road Costs (construction, improvement, and renovation): \$312,697.58

ROAD DECOMMISSIONING:

Road Nos. 16-2E-20.4
 Barriers: 1
 Estimated Cost of Decommissioning: \$1,521.50
 Special Requirements: Operations limited to periods of dry weather.

DURATION OF CONTRACT: Duration of the contract will be 18 months for cutting and removal of timber.

SPECIAL PROVISIONS: The contract will contain special provisions regarding road construction, road renovation and improvement, road maintenance, road decommissioning, logging methods, helicopter yarding, falling of all trees designated for cutting, prevention of erosion, logging residue reduction, and submission of a written logging plan specifying landing locations and logging schedule.

Under Sec. 26 of the timber sale contract, ground-based logging and mechanical felling will be prohibited during periods of excessive soil moisture. This will normally limit ground-based logging and mechanized felling from July 1 to October 15.

OTHER SPECIAL REQUIREMENTS:

- **Roadside hazard tree removal is taking place along Road Nos. 16-2E-13.2, -13.3, -18, 19.1, -19.3, and -19.4 as part of the overlapping Finngel Timber Sale contract. Cutting and removal for that contract must be completed by September 1, 2021. Any remaining trees that meet the dead and dying criteria may be removed in accordance with 42(a)(5) of this contract. Additional requirements of the Finngel Timber Sale contract, such as pile covering and burning, and road maintenance, may coincide with work being done during the completion of the Finn Angel contract. Potential bidders for the Finn Angel contract should be aware that harvesting is being completed in some of the same harvest units as Finn Angel, and active operations may be occurring when trying to access the Finn Angel sale area.**
- Prior to felling trees within the Salvage Harvest Areas, the Purchaser shall require all timber cutters to meet on site with the Authorized Officer to review the selection criteria in Section 41(b).
- The Purchaser shall be required to clean logging, road, decommissioning, and slash piling equipment prior to entry on BLM lands.
- The Purchaser shall provide a map of requested skyline road and skid trail locations a minimum of seven (7) working days in advance of cutting to obtain approval of the locations from the Authorized Officer.
- Deadmen or Equipment Anchors may be required in Salvage Harvest Area No. 1 on Road No. 16-1-13.3, in Salvage Harvest Area No. 2 on Road Nos. 16-2E-8, 16-2E-17, and 16-2E-18.5, in Salvage Harvest Area No. 3 on Angels Flight Road, and in Salvage Harvest Area No. 4 on Road No. 16-2E-20.4.
- The Purchaser shall determine the location of helicopter landings on Road Nos. 16-2E-18.3 and 16-2E-19.7. The final landing locations and clearing limits shall be identified with flagging and shall be approved by the Authorized Officer in writing before construction begins. The landings shall be rocked with 60 CY of 3 inch minus.
- Purchaser shall protect surfacing of Angels Flight Road during logging operations.
- The Purchaser shall be required to cut and process non-merchantable trees in the Salvage Harvest Areas.
- No felling, yarding, or loading is permitted in or through the Reserve Area shown on Exhibit A, except in Special Yarding Areas.
- In the Salvage Harvest Area-Special Operating Areas, any remaining dead and dying trees may be cut and removed.
- The Purchaser shall perform logging residue reduction and site preparation work within the Salvage Harvest Areas to include piling at landings and along roadsides, covering, and pile burning.
- Purchaser shall protect surfacing on Angels Flight Road during logging operations.
- The Purchaser shall decompact skid trail prisms; construct water bars and/or drainage dips on skid trails; block skid trails; and perform decommissioning work on Road No.16-2E-20.4.
- Whole tree yarding, or yarding with tops attached, will be required in the Salvage Harvest Areas, except in the Salvage Harvest Area-Helicopter Yarding Areas, unless approved by the Authorized Officer.
- Portions of felled hazard trees that lie within the Special Reserve Area shall remain on site. Any portion of trees lying outside the Special Reserve Area boundary shall be bucked at the line and removed.
- Approximately 396 yellow painted trees shall be felled toward the streams where safely possible and left on site.
- Yarding wedges may be necessary across Weyerhaeuser Company in T.16 S., R. 2 E., Secs. 8, 16, and 17.
- In-unit mechanized felling and ground based yarding shall occur between July 1 – October 15.
- The Purchaser shall be required to spread BLM-provided seed and mulch at culverts and designated areas.
- The Purchaser shall be required to file a Notification of Operations with the Oregon Department of Forestry for all harvest operations, road construction, renovation, and improvement on federal and private lands.

Optional Contributions: The Purchaser will not have the option of contributing funds in lieu of completing logging residue reduction work.

NARRATIVE DESCRIPTION OF HOW TO GET TO SALE AREA:

This sale is accessed through locked gates. Prospective bidders may obtain a key from the Springfield Interagency Office and proceed to the sale area. Any other persons interested in visiting the timber sale should first contact Brian Bickford at (541) 683-6164.

To Salvage Harvest Areas 3 and 4:

From Springfield, proceed east on Highway 126 for approximately 17 miles (approximately 500 ft. past Angels Flight Road) and turn north onto Road No. 16-2E-29. Proceed north for approximately 3.0 miles and turn southeast on Road No. 16-2E-19.1. Proceed on Road No. 16-2E-19.1 and follow timber sale signs to the harvest area.

To access Salvage Harvest Area 4, proceed on Road No. 16-2E-19.1 through Salvage Harvest Area 3, park near the junction with Road No. 16-2E-20.1 and proceed on foot southeast to the harvest area.

To access the southwest portion of Salvage Harvest Area 3, turn north off of Highway 126 onto Angels Flight Road and proceed approximately 1.5 miles to the harvest area.

To Salvage Harvest Area 1:

Return to the junction of Road No. 16-2E-29 and Road No. 16-2E-19.1, and proceed north on Road No. 16-2E-29 for approximately 0.4 miles and turn northwest on Road No. 16-2E-18. Proceed on 16-2E-18 for approximately 1.2 miles to the harvest area.

To Salvage Harvest Area 2:

Return to Road No. 16-2E-29 and proceed north for approximately 1 mile to Road No. 16-2E-18.4. Proceed east on Road No. 16-2E-18.4 and onto Road No. 16-2E-18.5 to the west portion of Salvage Harvest Area 1.

To access the north portion of Salvage Harvest Area 2, return to Road No. 16-2E-29 and proceed north approximately 1 mile to the harvest area.

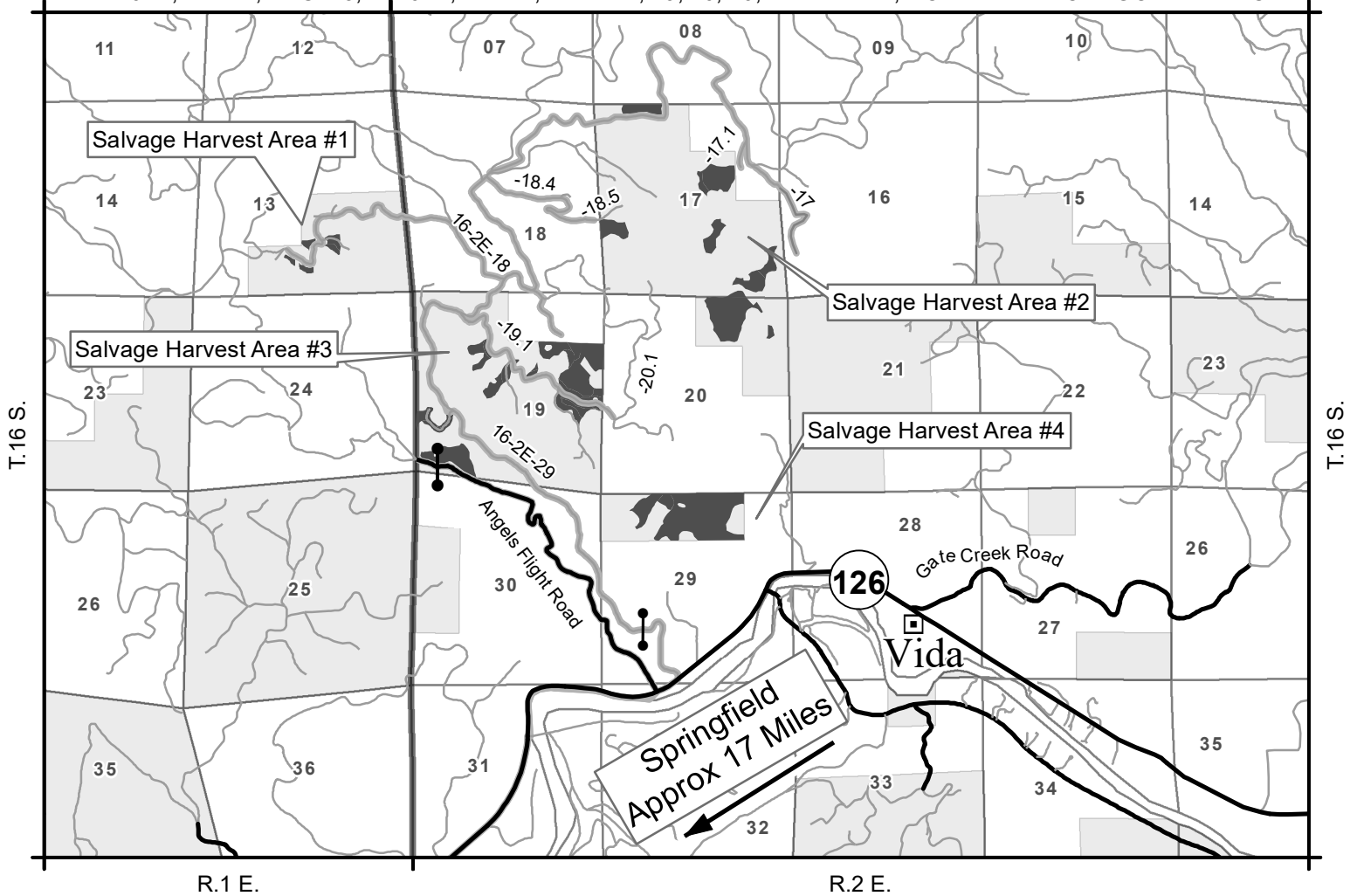
To access the remaining portions of Salvage Harvest Area 2, proceed on Road No. 16-2E-29 for approximately 1.6 miles to Road Nos. 16-2E-17 and -17.1. Drive to the end of each road and proceed on foot to the harvest areas.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FINN ANGEL TIMBER SALE CONTRACT NO. ORN05-TS21-546

T. 16 S., R. 1 E., SEC. 13, T. 16 S., R. 2 E., Secs. 17, 19, 20, 29, WILL. MER., NORTHWEST OREGON DISTRICT



NARRATIVE DESCRIPTION OF HOW TO GET TO SALE AREA:
 Access to the sale is through locked gates over private roads. Prospective bidders may obtain a key from the Northwest Oregon District's Springfield Interagency Office and proceed to the sale area. Any other persons interested in visiting the timber sale site should first contact Brian Bickford at (541) 683-6164.

To Salvage Harvest Area 3 and 4:
 From Springfield, proceed east on Highway 126 for approximately 17 miles (approximately 500 ft. past Angels Flight Road) and turn north onto Road No. 16-2E-29. Proceed north for approximately 3.0 miles and turn southeast on Road No. 16-2E-19.1. Proceed on Road No. 16-2E-19.1 to the harvest area.

To Salvage Harvest Area 4:
 Proceed on Road No. 16-2E-19.1 through Salvage Harvest Area 3, park near the junction with Road No. 16-2E-20.1 and proceed on foot southeast to the harvest area.

To the southwest portion of Salvage Harvest Area 3:
 Turn north off of Highway 126 onto Angels Flight Road and proceed approximately 1.5 miles to the harvest area.

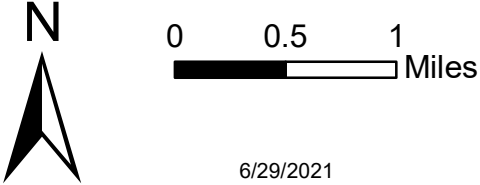
To Salvage Harvest Area 1:
 Return to the junction of Road No. 16-2E-29 and Road No. 16-2E-19.1, and proceed north on Road No. 16-2E-29 for approximately .4 mile and turn northwest on Road No. 16-2E-18. Proceed on 16-2E-18 for approximately 1.2 miles to the harvest area.

To the west portion of Salvage Harvest Area 2:
 Return to Road No. 16-2E-29 and proceed north for approximately 1 mile to Road No. 16-2E-18.4. Proceed east on Road No. 16-2E-18.4 and onto 16-2E-18.5 to the west portion of Salvage Harvest Area 2.

To the north portion of Salvage Harvest Area 2:
 Return to Road No. 16-2E-29 and proceed north approximately 1 mile to the harvest area.

To the remaining portions of Salvage Harvest Area 2:
 Proceed on Road No. 16-2E-29 for approximately 1.6 miles to Road Nos. 16-2E-17 and -17.1. Drive to the end of each road and proceed on foot to the harvest areas.

	Salvage Harvest Area
	BLM Administered Lands
	Travel Route
	Paved Road
	Rocked Road
	Gate



6/29/2021

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Seasonal Restriction Matrix



Restricted Times

Restricted Activity:	Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15
Skid Trail Decommissioning, Mechanized Felling, and Ground based yarding <ul style="list-style-type: none"> October 15 – July 1, both days inclusive May vary due to weather conditions; soil moisture still overrides weather conditions. 																								
Road Renovation <ul style="list-style-type: none"> October 15 – June 1, both days inclusive May vary due to weather conditions; soil moisture still overrides weather conditions. 																								
Stream Culvert Installation and Removal <ul style="list-style-type: none"> August 16 – June 30, both days inclusive. 																								

NOTE: This chart is for informational purposes only. Refer to Section 42 Special Provisions of the timber sale contract for exact date restrictions and specifications. Subject to transient winter snow, elevation ranges from 1500-3000 feet.

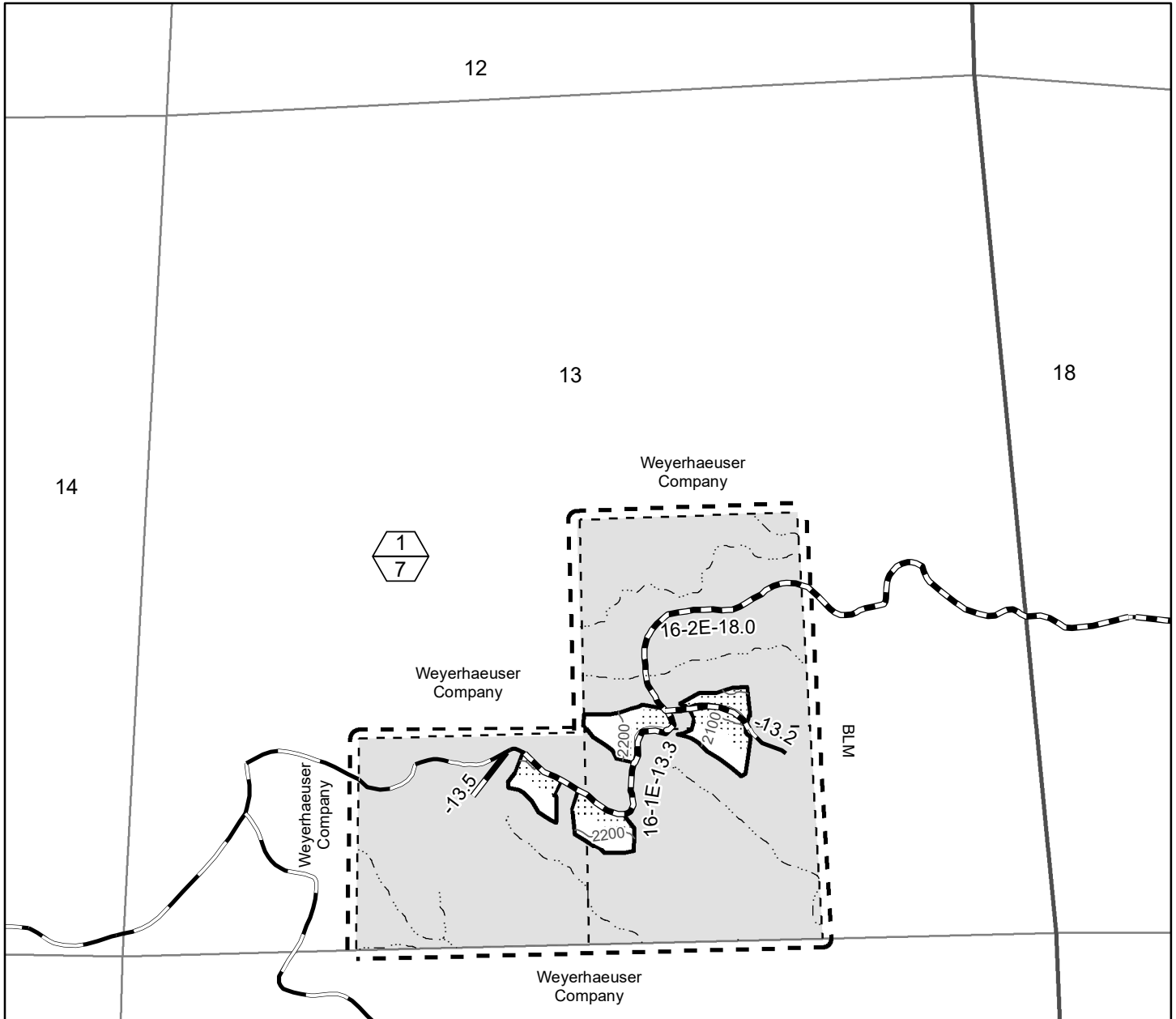


**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

EXHIBIT A

Sheet 1 of 4

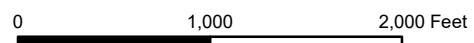
FINN ANGEL TIMBER SALE CONTRACT NO. ORN05-TS21-546
T. 16 S., R. 1 E., Sec. 13, WILL. MER., NORTHWEST OREGON DISTRICT



- Boundary of Cutting Area-posted
- Rocked Road
- Salvage Harvest Unit
- Salvage Harvest Area - Special Operating Area
- Contract Area
- Reserve Area
- Renovation/Improvement
- Stream
- Unit Number (Top)/ Unit Acres (Bottom)

Total Harvest Area	
Total Salvage Area	222.00
Total Right-of-Way (Clearing)	2.10
Total Reserve Area	740.15
Total Contract Area	964.25 A.

Totals for Section 13	
Salvage Area	7
Reserve Area	113
Contract Area	120 A.



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Bureau of Land Management
Oregon State Office
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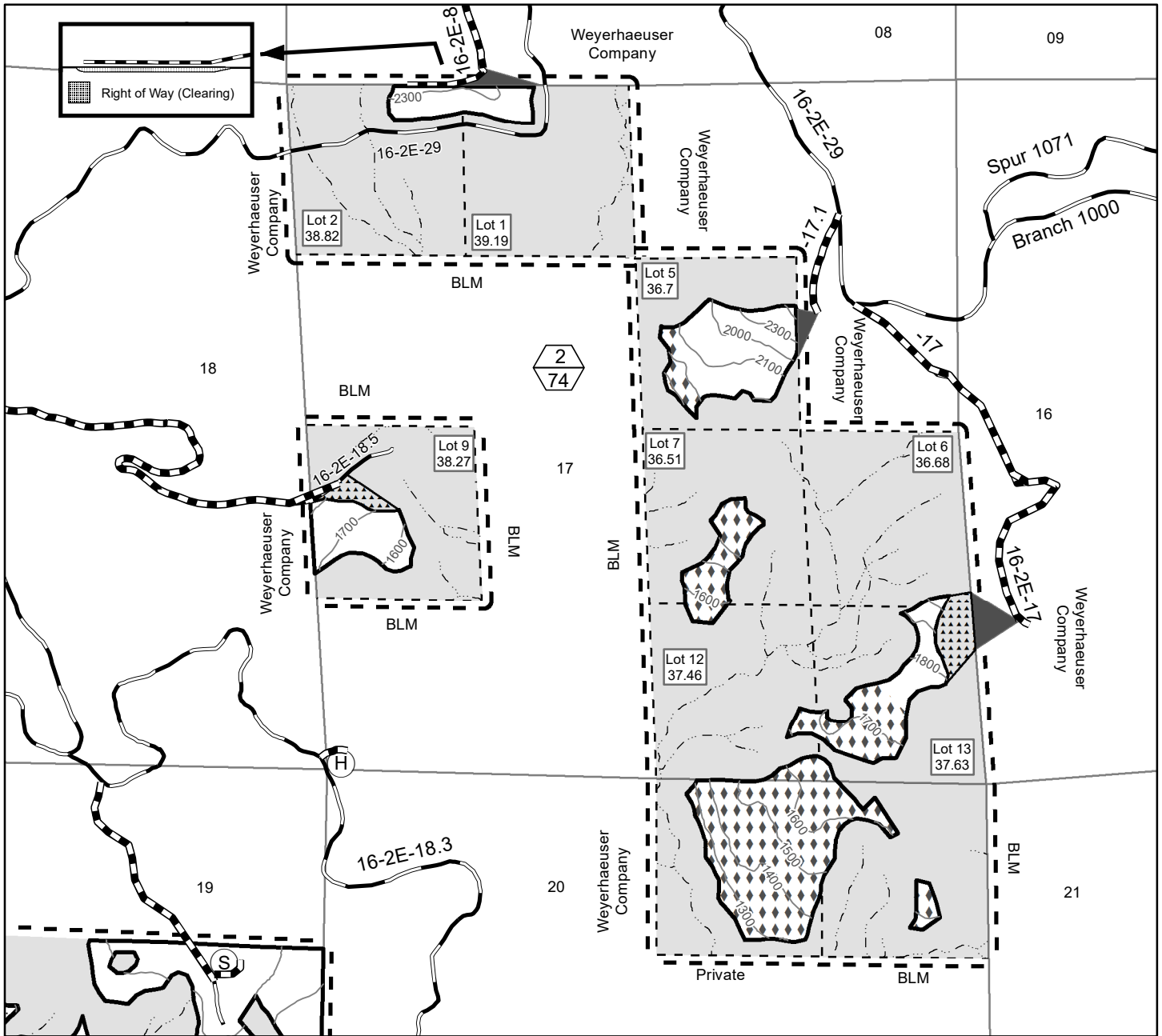


**UNITED STATES
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EXHIBIT A

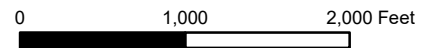
Sheet 2 of 4

FINN ANGEL TIMBER SALE CONTRACT NO. ORN05-TS21-546
16 S., R. 2 E., Sec. 17 and 20, WILL. MER., NORTHWEST OREGON DISTRICT



- Boundary of Cutting Area-posted
- Salvage Harvest Area
- Salvage Harvest Area - Helicopter Yarding
- Special Yarding Area
- Yarding Wedge
- Contract Area
- Reserve Area
- Rocked Road
- Renovation/Improvement
- Stream
- Helicopter Landing
- Service Landing
- Unit Number (Top)/ Unit Acres (Bottom)

Totals for Sections 17 and 20	
Salvage Area	74.00
Right-of-Way (Clearing)	0.20
Reserve Area	307.06
Contract Area	381.26 A.



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7/19/2021
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Bureau of Land Management
Oregon State Office
P.O. Box 2965
Portland, Oregon 97208-2965



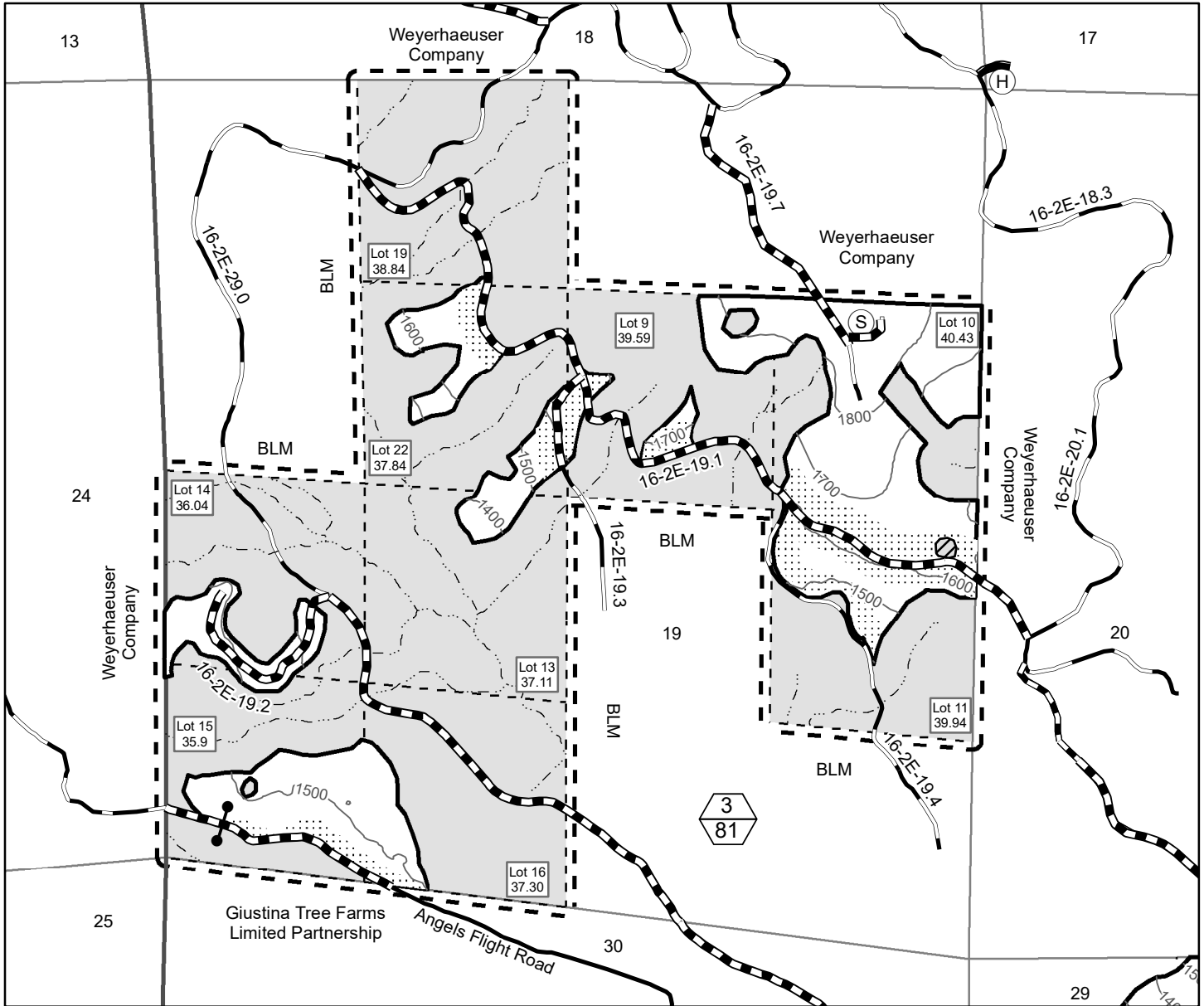
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

EXHIBIT A

Sheet 3 of 4

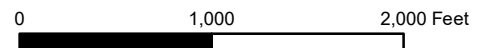
FINN ANGEL TIMBER SALE CONTRACT NO. ORN05-TS21-546

T. 16 S., R. 2 E., Sec. 19, WILL. MER., NORTHWEST OREGON DISTRICT



- Boundary of Cutting Area-posted
- Salvage Harvest Area
- Salvage Harvest Area - Special Operating Area
- Contract Area
- Reserve Area
- Special Reserve Area
- Renovation/Improvement
- Paved Road
- Rocked Road
- Stream
- Service Landing
- Helicopter Landing
- Unit Number (Top)/ Unit Acres (Bottom)

Totals for Section 19	
Salvage Area	81.00
Reserve Area	261.99
Contract Area	342.99 A.



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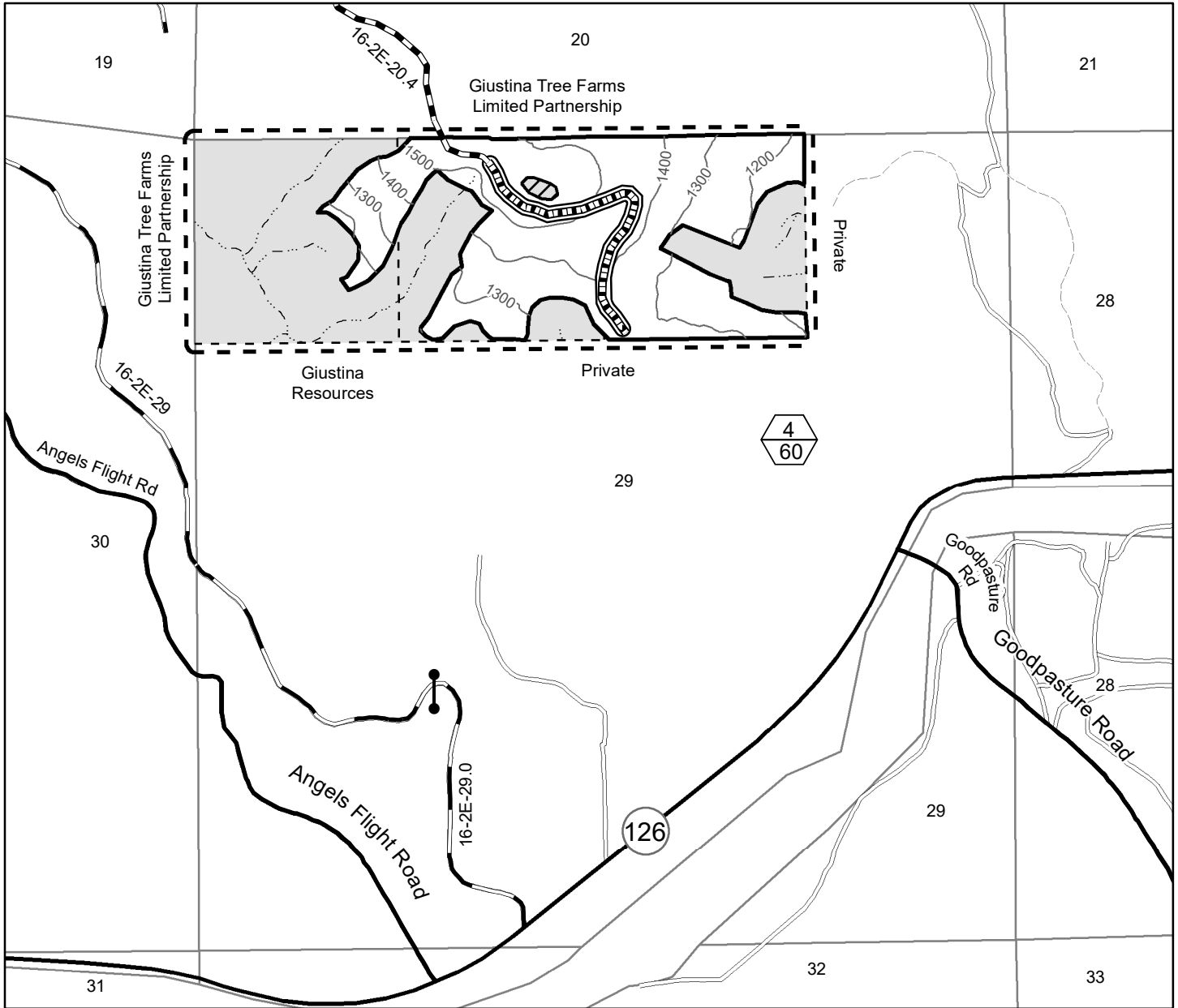
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**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

EXHIBIT A

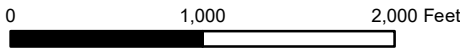
Sheet 4 of 4

FINN ANGEL TIMBER SALE CONTRACT NO. ORN05-TS21-546
T. 16 S., R. 2 E., Sec. 29, WILL. MER., NORTHWEST OREGON DISTRICT



- Boundary of Cutting Area-posted
- Salvage Harvest Area
- Contract Area
- Reserve Area
- Special Reserve Area
- Renovation/Improvement
- New Construction
- Paved Road
- Rocked Road
- Right-of-Way (Clearing)
- Stream
- Unit Number (Top)/ Unit Acres (Bottom)
- Gate

Totals for Section 29	
Salvage Area	60.0
Right-of-Way (Clearing)	1.9
Reserve Area	58.1
Contract Area	120.0



No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT (BLM)**

Contract No.: ORN05-TS21-546
Sale Name: Finn Angel Salvage
**Issuing Office: UPW Field Office,
SIO**

**EXHIBIT B
SCALE SALE
PURCHASE PRICE SCHEDULE AND MEASUREMENT SPECIFICATIONS**

I. Total Actual Purchase Price - In accordance with Section 2 and 3 of the contract, the Purchaser agrees to pay the Government for the timber sold under the contract in accordance with the following schedule and measurement requirements. Timber sold is comprised of Merchantable Timber, Merchantable Timber Remaining, and Other Timber as defined below. In the event an Extension of Time is approved, the prices per measurement unit are subject to readjustment (refer to Section 9 of the contract).

Schedule of Species/Products, Measurement Units, and Prices		
Species/Products	Measurement Unit	Price Per Measurement Unit
Douglas-fir	9,288 MBF	\$113.20
Western hemlock	5 MBF	\$33.00

II. Merchantable Timber - All timber which can be cut into logs, which equal or exceed the following specifications, shall be considered merchantable timber required to be removed from the contract area. Purchaser shall pay for same in accordance with Section 3 of the contract at the unit prices shown in Section I of this Exhibit.

Schedule of Material Specifications			
Species/Product	Length (feet)	Diameter (inches inside bark at small end)	Net Scale (% of gross volume of any log segment)
All Conifers/Merchantable Timber	16 Feet	6 inches	33-1/3%

If Purchaser elects to remove any logs which do not meet the above minimum material specifications and which have not been reserved to Government in Sec. 41 of the contract, such logs shall be scaled in accordance with section V of this Exhibit herein and be paid for in accordance with Section 2 and 3 of the contract and the value in Section I of this Exhibit.

III. Merchantable Timber Remaining - Measurement Requirements - The remaining volume of any merchantable sold timber on the contract area shall be determined as provided in Section 3. (g). of the contract. Purchaser shall pay for same in accordance with Section 3 of the contract at the unit prices shown in Section I of this Exhibit.

IV. **Other Timber** - If any timber is of a species not listed in Section I of this Exhibit the Authorized Officer shall establish volumes and values in accord with Standard BLM methods.

V. **Scaling**

A. **Log Rule and Measurement** - All logs shall be scaled in Eastside Scribner according to the Northwest Log Rules Eastside and Westside Log Scaling Handbook, as amended, or supplemented by BLM before the first advertisement date of the sale.

B. **Scaling Service** - A Scaling Authorization Form must be completed and approved by the Authorized Officer prior to beginning of hauling operations. All sites on the Scaling Authorization are required to have a Log Yard Agreement with the BLM. Log scaling services shall be provided and performed by BLM personnel or third-party scaling organizations under agreement with BLM.

1. All logs shall be scaled and volumes determined by BLM or a certified contract scaler.
2. The BLM scaler or contract scaler is designated to collect Eastside MBF scale data from all loads.
3. All logs shall be scaled using an authorized BLM scaling method approved by the Authorized Officer in accordance with BLM prescribed procedures.

C. **Defect Caused by Abnormal Delay** - Scaling deductions made for rot, check or other defect resulting from abnormal delay in scaling caused by Purchaser shall be recorded separately and charged to the Purchaser in accordance with Section 3 of the contract.

D. **Log Presentation** - Purchaser shall present logs so that they may be scaled in an economical and safe manner in accordance with the Log Yard Authorization required in Section V. B. of this Exhibit.

E. **Check Scale**

The BLM will conduct check scales using the following standards.

Gross Scale. A variance of one and ½ percent (1.5%) in gross scale is the standard unless otherwise justified.

Net scale. The allowable variance is as follows:

Check scaler's percent defect in logs	Scalers allowable variance
0-10 percent	2 percent
over 10 percent	0.2 * percent defect to a maximum of 5 percent

Determinations as to volume of timber made by a BLM check scaler in conformance with the standards as set forth herein shall be final. When such checks show a variance in scale in excess of acceptable standards, in two or more consecutive check scales, an adjustment to the volume reported as scaled will be made by BLM. Such adjustments will be made based on the difference between available BLM check scales and the original scale during the period covered by the unsatisfactory check scales. Unless otherwise approved in writing by the Authorized Officer, the volume to which this difference will be applied will be 50 percent of the volume scaled between the last satisfactory check and the first unsatisfactory check, 100 percent of the volume scaled during the unsatisfactory check, and 50 percent of the volume between the last unsatisfactory check scale and the next satisfactory check scale.

F. Accountability

1. Purchaser shall notify the Authorized Officer seven (7) days prior to starting or stopping of hauling operations performed under the contract.
2. All logs will be painted and branded at the landing and accounted for in accordance with Section 42 of the contract. If Sale Area is within a State that maintains a log brand register, brands shall be registered with the State. Purchaser shall use assigned brand(s) exclusively on logs from this sale until the Authorized Officer releases the brand(s).
3. Each truck driver shall obtain a load receipt and a BLM scaler receipt from the Log Truck Ticket Book issued by the Authorized Officer and comply with the instructions specified on the cover of said book. All load tickets will be marked with the cutting area number using a permanent marker or as directed by the Authorized Officer. While products are in transit, the truck driver shall display the load receipt and BLM scaler receipt on the bunk or wing log at the front of the load on the driver's side. All logs on each load shall be delivered to the destination listed on the woods receipt. The BLM scaler receipt shall be surrendered at the location of BLM scaling, the unloading location, or as requested by BLM. A designated area shall be identified at the yard scaling location for logs arriving during off hours. Logs arriving during off hours shall be left on the truck or may be off loaded to the designated area.
4. The Purchaser shall not haul logs from the contract area on weekends; Memorial Day, Fourth of July, Labor Day, Thanksgiving, Christmas, and New Year's holidays; or outside the hours of 4 a.m. to 8 p.m. daily, unless otherwise approved in writing by the Authorized Officer or designated in the Approved Logging Plan. (Refer to Section 42 of the contract).
5. The Purchaser shall furnish BLM a map showing the route which shall be used to haul logs from the timber sale area to the scaling location. Such route shall be the most direct haul route between the two points, unless another route is approved by BLM. The route of haul may be changed only with advance notice to and approval by BLM. The haul route map shall be attached to the Approved Logging Plan.

6. All loads will be scaled at locations listed on the Scaling Authorization as approved by the Authorized Officer. Purchaser shall notify the Authorized Officer three (3) days in advance to request additional scale site locations for approval on the Scaling Authorization.
7. Any removal of logs from loaded trucks before being accounted for and/or scaled as required by the contract shall be considered a willful trespass and render the Purchaser liable for damages under applicable law. Any payment made for purchase of such logs shall be deducted from amount due because of trespass.

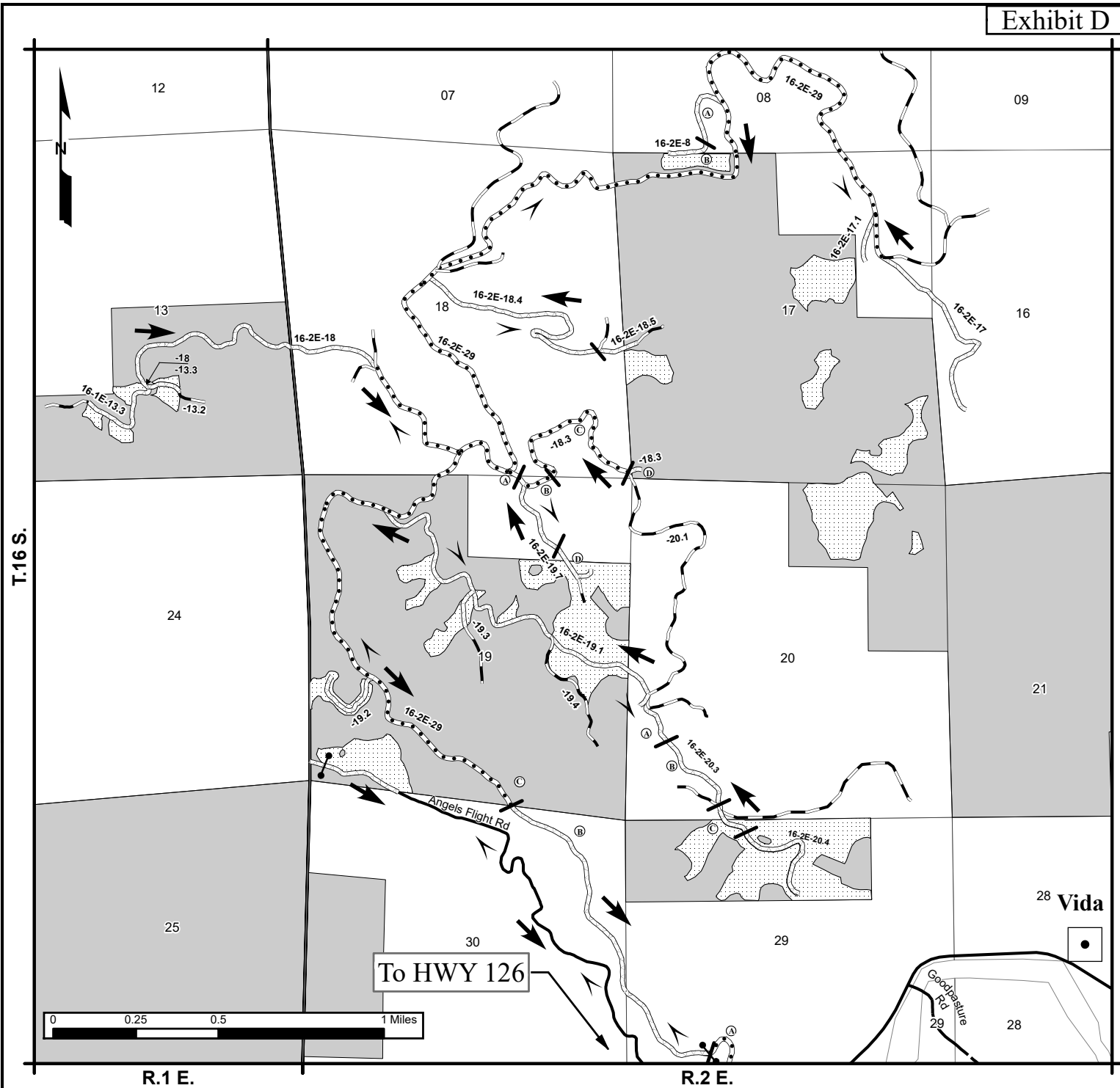
G. Scaling Lost Products - The value of lost loads shall be equal to the highest value load for the month in which the lost load is hauled regardless of where the highest value load is scaled. If no loads have been scaled in that month, value will be determined from the closest month in which loads were scaled.

VI. Estimated Volumes and Values - The following volume estimates and calculations of value of timber sold are made solely as an administrative aid for determining payment amounts, when payments are due, the value of timber subject to any special bonding provisions, and other purposes specified in various portions of the contract. The cutting areas are shown on Exhibit A of the contract.

- A. Merchantable Timber Volume Removed from Contract Area** - The total volume of removed timber shall be determined using the Government's records of scaled volumes of timber skidded or yarded monthly, or a shorter period if agreed to by the Purchaser and Government, to loading points or removed from the contract area.
- B. Merchantable Timber Not Yet Removed from Contract Area** - The value of merchantable timber which has not been removed will be determined by multiplying the value per acre as shown below times the amount of acreage subject to the purpose of the value determination, as determined by the Authorized Officer:

**Total Estimated Purchase Price
and/or
Schedule of Volumes and Values for
Merchantable Timber Not Yet Removed from Contract Area**

Cutting Area		Total Estimated Volume (MBF)		Total Estimated Purchase Price	
Cutting Area Number	Approximate Number of Acres	Volume per Acre	Total Volume	Value per Acre	Total Value
1	7.0	19.57	137		
2	74.0	49.65	3,674		
3	81.0	31.48	2,550		
4	60.0	47.58	2,855		
RW2	0.2	10.00	2		
RW4	1.9	39.47	75		
Sale Total	224.1	41.47	9,293		



SALE NAME: Finn Angel
 CONTRACT NO.: ORN05-TS21-546

United States Department of the Interior
 Bureau of Land Management
 Northwest Oregon District, Upper Willamette Field Office

Legend

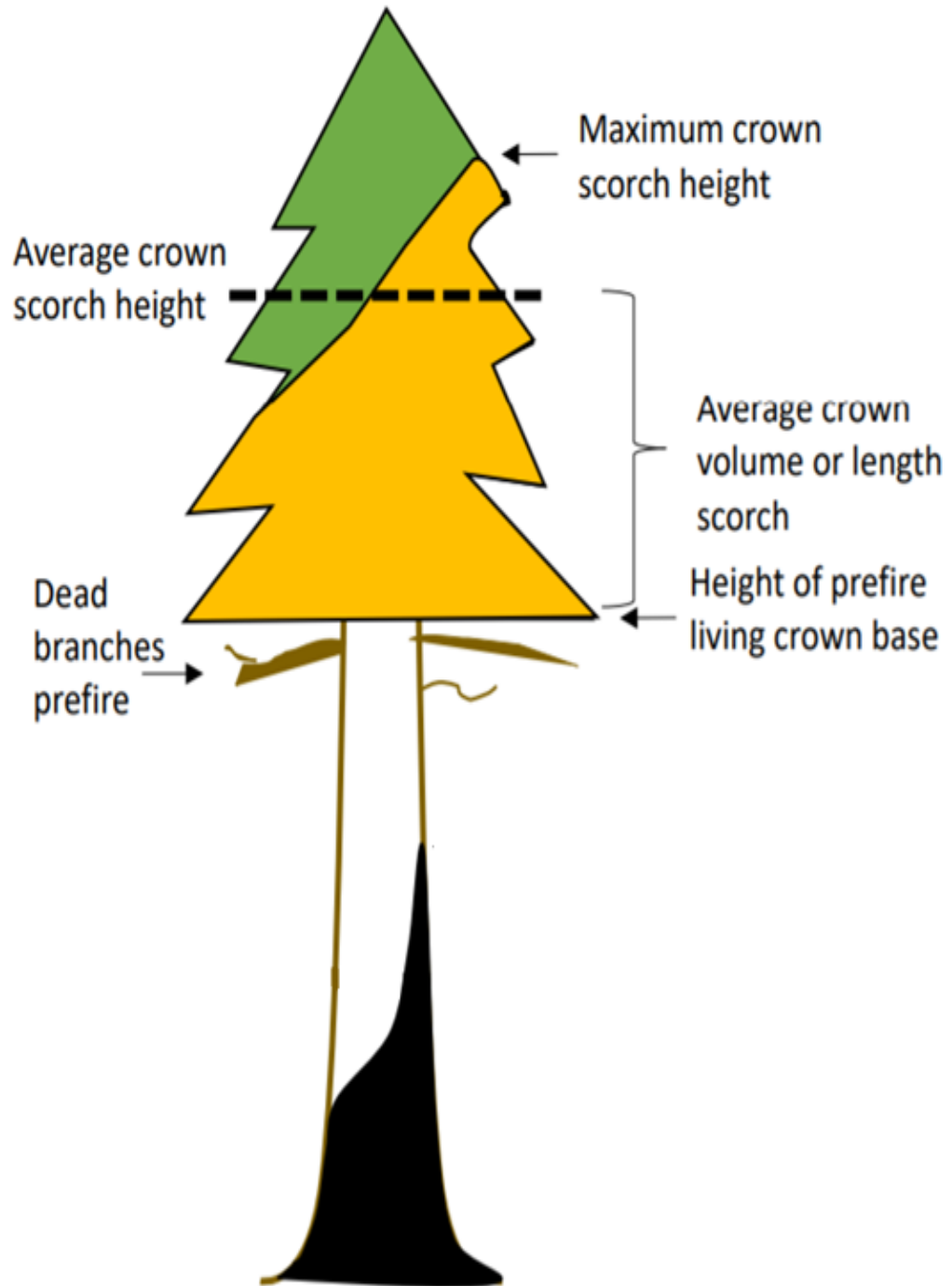
- Purchaser Maintenance
- Proposed Harvest Unit
- Third Party Maintenance
- Bureau of Land Management
- County Road
- Private
- Mineral Haul Route
- Segment Breaks
- Timber Haul Route
- Gate

Road Maintenance Map

T. 16 S., R. 2 E., Sections 8, 16, 17, 18, 19, 20, 29, & 30
 T. 16 S., R. 1 E., Section 13
 Willamette Meridian, Lane County, Oregon

Designed By: C. Conklin
 Drawn By: C. Conklin
 Date: July 19, 2021

EXHIBIT S
Crown Scorch Diagram



removal of personal property. Any improvements remaining on Government lands and rights-of-way at the end of the period for removal, or any extension, shall become the property of Government. Any equipment or other personal property remaining on Government

land and rights-of-way at the end of this period may be removed at the expense of Purchaser and disposed of in accordance with applicable law.

Sec. 41. Timber Reserved from Cutting - The following timber on this contract area is hereby reserved from cutting and removal under the terms of this contract and is retained as the property of Government.

Contract No. ORN0

Parcel No.

THIS IS A SALE PROSPECTUS ONLY. ATTACHMENTS MAY NOT INCLUDE ALL EXHIBITS REFERRED TO IN THE CONTRACT PROVISIONS. THE COMPLETE CONTRACT, INCLUDING ALL EXHIBITS, IS AVAILABLE FOR INSPECTION AT THE NORTHWEST OREGON DISTRICT SPRINGFIELD INTERAGENCY OFFICE AT 3106 PIERCE PARKWAY, SPRINGFIELD, OREGON.

SALE DATE:

Sec. 42. Special Provisions - Purchaser shall comply with the special provisions which are attached hereto and made a part hereof unless otherwise authorized, in writing, by the Contracting Officer.

IN WITNESS WHEREOF, the parties hereto have executed this contract as of the day first above written.

If Individual or Partnership, sign here:

If Corporation, sign here:

(Name of Firm)

(Name of Corporation)

(Signature)

(Signature)

(Address)

(Title)

(Signature)

UNITED STATES OF AMERICA

By _____
(Signature)

(Address)

(Title)

(Signature)

(Date)

(Address)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

(If Purchaser is a corporation, the following certificate must be executed by the Secretary or Assistant Secretary of the Corporation.)

I, _____, certify that I am the _____ Secretary of the corporation named as Purchaser herein; that _____, who signed the contract was then _____ of said corporation, that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Signature: _____

SEC. 41 - Timber Reserved From Cutting and/or Removal

- (a) All timber on the Reserve Areas shown on Exhibit A, which is attached hereto and made a part hereof, and all posted trees which are on or mark the boundaries of the Reserve Areas. Exhibit A contains 4 sheets.
- (b) All timber in the Salvage Harvest Areas shown on Exhibit A, except those trees to be cut and removed in accordance with Exhibit B, which is attached hereto and made a part hereof, and based on any of the following criteria:
 - (1) A fire-affected dead or dying tree with greater than 70% crown scorch. Crown scorch will be determined and calculated in accordance with the attached Exhibit S, which is attached hereto and made a part hereof.
 - (2) A fire-affected or green tree with severed or undermined roots.
 - (3) A fire-affected or green tree with visible cracks or rot.

If BLM determines that the Purchaser has felled trees that do not exhibit any of these criteria, BLM may require the Purchaser to pre-mark the Salvage Harvest Areas and obtain approval of cutting areas prior to felling.

- (c) Approximately 396 trees marked with yellow paint above and below stump height. Such trees shall be felled toward the stream where safely possible and remain on site. Where necessary for safety or operational reasons, yellow painted trees may be moved within the unit as close to where felled as safely possible.
- (d) In the Special Reserve Areas shown on Exhibit A, portions of hazard trees which when felled lie within the Special Reserve Areas. Any portion of felled trees lying outside the Special Reserve Areas boundary shall be bucked at the boundary line and removed. The Special Reserve Areas boundary line is posted and painted with green Boundary of Timber Reserve tags, white paint, and pink timber sale boundary flagging.

SEC. 42 - Special Provisions

- (a) Logging
 - (1) Before beginning operations on the contract area for the first time or after a shutdown of 14 or more days, the Purchaser shall notify the Authorized Officer in writing of the date he plans to begin operations. This written notification must be received by the Authorized Officer no less than 14 days prior to the date the Purchaser plans to begin or resume operations. The Purchaser shall also notify the Authorized Officer in writing if he intends to cease operations for any period of 10 or more days.
 - (2) Prior to the commencement of operations, the Purchaser shall obtain from the Authorized Officer written approval of a written operations and logging plan commensurate with the terms and conditions of the contract which shall include measures needed to assure protection of the environment and watershed. A pre-work conference between the Purchaser's authorized representative and the Authorized Officer's representative must be held at a location designated by the Authorized Officer before the logging plan will be approved. All logging shall be done in accordance with the plan.
 - (3) Prior to felling trees in the Salvage Harvest Areas as shown on Exhibit A, the Purchaser shall require all timber cutters to meet on site with the Authorized Officer to review the salvage tree selection criteria stated in Section 41(b).
 - (4) No felling, yarding, or loading is permitted in or through the Reserve Area shown on Exhibit A, except when yarding through the Special Yarding Areas shown on Exhibit A. Where necessary for safety or operational reasons, corridor and skid trail trees shall be felled and removed in accordance with Section 42(a)(19).
 - (5) In the Salvage Harvest Area-Special Operating Areas shown on Exhibit A, roadside hazard tree abatement has occurred. Any residual trees that meet the criteria stated in 41(b) may be cut and removed.

- (6) In the Special Reserve Areas there shall be no equipment entering, yarding, skidding or dragging logs, decking of logs, or slash piling. Trees shall be directionally felled away from the Special Reserve Areas.
- (7) In the Salvage Harvest Areas, except the Salvage Harvest Area-Helicopter Yarding Areas shown on Exhibit A, all trees designated for cutting shall be felled to the lead, whole tree yarded, or yarded with tops attached, unless otherwise approved by the Authorized Officer. Trees shall be directionally felled away from Reserve Areas, except when necessary for safety or operational reasons.
- (8) In the Salvage Harvest Areas shown on Exhibit A, all hardwoods and non-merchantable trees more than 6 inches in diameter shall be felled concurrently with all other trees designated for cutting. All tops and branches must be free of the central stem to the extent that it is within a maximum of twenty (20) inches of the ground at all points.
- (9) In the Salvage Harvest Areas shown on Exhibit A, at all landings, all non-merchantable logs (including hardwoods) more than 8 inches in diameter at the large end and exceeding 8 feet in length shall be decked at a location designated by the Authorized Officer.
- (10) Surfacing on paved Angels Flight Road shall be protected during logging operations. Any necessary repairs to the pavement shall be at the Purchasers expense and shall be approved by the Authorized Officer.
- (11) The Purchaser shall provide warning signs and flaggers in accordance with Section 29 of this contract to control traffic in the contract area during active operations. Roads shall not be blocked by such operations for more than 20 minutes.
- (12) In-unit mechanized felling and ground based yarding shall occur between July 1 – October 15, or as approved by the Authorized Officer.
- (13) Prior to attaching any logging equipment to a reserve tree, the Purchaser shall obtain approval from the Authorized Officer and shall take precautions to protect the tree from damage as directed in writing by the Authorized Officer.
- (14) In the Salvage Harvest Area-Helicopter Yarding Areas shown on Exhibit A, yarding shall be done with a helicopter capable of suspending logs free and clear of the ground and tree tops enroute to the landing. All multiple log turns shall be vertically lifted from a small enough radius to result in minimal damage to the residual forest stand as determined by the Authorized Officer.
- (15) In the Salvage Harvest Areas and Salvage Harvest Area-Special Operating Areas shown on Exhibit A, felling and yarding may be done with ground based equipment on slopes of 35% or less.
- (16) In the Salvage Harvest Areas and Special Yarding Areas, except the Salvage Harvest Area-Helicopter Yarding Areas shown on Exhibit A, felling may be done with specialized ground based equipment (feller-processor or feller-buncher) on slopes up to 50%. The feller-processor or feller-buncher shall be approved by the Authorized Officer prior to the start of mechanized felling operations. Only purpose-built carriers with boom-mounted felling heads may be approved. Purpose-built carriers may be of the articulated, rubber-tired design, or the zero-clearance tail swing, leveling track-mounted design.
- (17) In the Salvage Harvest Areas and Special Yarding Areas, except the Salvage Harvest Area-Helicopter Yarding Areas shown on Exhibit A, all slopes greater than 35% shall be yarded with a carriage equipped skyline system capable of laterally yarding at least 75 feet from the skyline road. The carriage shall be capable of being held in position on the skyline during lateral yarding. During yarding, the lead end of the logs shall be suspended clear of the ground. Intermediate supports and/or lift trees may be needed.
- (18) Before clearing any skid trail or skyline road necessary for yarding, the Purchaser shall:
 - (aa) Space designated skid trails or skyline roads at a minimum of 150 feet apart unless approved by the Authorized Officer. Parallel settings are preferred if topography allows.
 - (bb) Mark the location of the skid trail or skyline road on the ground with fluorescent pink plastic flagging. Such skid trails or skyline roads shall be limited to the minimum width necessary for yarding of logs. The width of each skid road or skyline road shall not exceed 12 feet.

- (cc) Place skid trails and skyline roads on the landscape to avoid disturbance to reserved trees, where feasible.
 - (dd) Provide a map of requested skid trail or skyline road locations a minimum of seven (7) working days in advance of cutting to obtain approval of the locations from the Authorized Officer. Proposed skid trails and skyline roads shall remain free from felled trees until approved.
- (19) In accordance with the requirements of Section 8 of the contract it has been determined that it is in the best interest of the Government and within the provisions of 43 CFR 5402.0-6 to sell additional timber located in the Salvage Harvest Areas to meet all applicable State safety laws, codes, or regulations. This timber must be cut or removed so that the Purchaser can continue active falling and yarding operations. The Purchaser is, therefore, authorized to cut and remove such additional timber in accordance with the provisions of Section 8 of the contract: provided, that:
- (aa) Trees felled for safety or operational reasons in Special Reserve Areas shall not be removed, except in accordance with Section 41(d).
 - (bb) The Purchaser shall identify each tree sold and cut in accordance with the provision by marking the cut surface of the stump immediately after falling with a large “X”. The “X” shall be cut with a chain saw. The stump shall be marked by hanging flagging so that the stump can be visually located from a distance of not less than 50 feet. The Purchaser shall also paint an identifiable “X” on the butt log. The butt log shall remain on the contract area until such time as the Authorized Officer has scaled such additional timber and authorizes removal from the contract area.
 - (cc) The volume and price for such timber shall be determined by the Authorized Officer in accordance with Bureau of Land Management prescribed procedures and paid for by the Purchaser in accordance with Section 3(a) or 3(e) of the contract as required by Section 8 of the contract.
 - (dd) No timber may be cut or removed under the terms of this provision if all contract payments required by Section 3(a) or 3(e) of the contract have been made.
 - (ee) The permission to cut and remove additional timber contained in this provision may be withdrawn by the Contracting Officer if the Authorized Officer determines that the Purchaser:
 - (1) Failed to properly mark any stump with the “X” cut.
 - (2) Failed to identify the location of any stump.
 - (3) Cut any reserve tree in or adjacent to skyline yarding roads that was not necessary to facilitate skyline yarding.
 - (4) Cut any reserve tree in or adjacent to tractor skid trails that was not necessary to facilitate ground based yarding.
 - (5) Failed to properly segregate any pulled over tree that was yarded to the landing.
 - (6) Cut any reserve tree that was not severely (as defined during the prework conference and documented in the approved logging plan) damaged from felling and yarding operations.
 - (7) Cut more than the minimum number of trees necessary to properly serve as guyline anchor stumps.
 - (8) Cut or topped more than the minimum number of trees necessary to properly serve as tailhold trees.
 - (9) Failed to maintain accurate and current (no more than 24 hours old) documentation of cut and removed timber.

If the permission to cut and remove additional timber provision is withdrawn, the Purchaser shall inform the Authorized Officer at least five working days prior to the need for cutting and yarding any guyline tree, tailhold tree, tie-back tree, danger tree, corridor tree, pulled over tree, and severely damaged tree. All sales of additional timber shall comply with Section 8 of the contract.

The Contracting Officer may order the Purchaser, in writing, to suspend, delay, or interrupt all or any part of the work of this contract for the period of time that the Contracting Officer determines appropriate for the Government to safely measure and mark additional timber.

All skyline yarding and/or ground based equipment skid trails upon which timber may be cut and removed in accordance with this special provision must be needed for the removal of timber sold under this contract and shall be limited to the narrowest width necessary for the yarding of logs with minimum damage to reserved trees.

The Purchaser shall be liable for damages in accordance with Section 13 of the contract for any reserved timber cut or removed in violation of the terms of this special provision.

- (20) Purchaser's operations shall facilitate BLM's safe and practical inspection of Purchaser's operations and BLM's conduct of other official duties on Contract Area. Purchaser has all responsibility for compliance with safety requirements for Purchaser's employees, contractors and subcontractors. In the event that the Authorized Officer identifies a conflict between the requirements of this contract or agreed upon methods of proceeding hereunder and State or Federal safety requirements, the contract may be modified. If the cost of such contract modification is of a substantial nature (\$2,000.00 or more), the Purchaser may request, in writing, an adjustment in the total actual contract purchase price specified in Section 2 of the timber sale contract, as amended, to compensate for the changed conditions.

Unless otherwise specified in writing, when operations are in progress adjacent to or on roads and/or trails in the harvest unit area, Purchaser shall furnish, install, and maintain all temporary traffic controls that provide the road or trail user with adequate warning of and protection from hazardous or potentially hazardous conditions associated with its operations. Purchaser shall prepare a Traffic Control Plan, which the Purchaser has determined is compliant with state and local OSHA and Transportation standards, no later than the pre-work meeting and prior to commencing operations. Traffic control devices shall be appropriate to current operating and/or weather conditions and shall be covered or removed when not needed. Flagmen and devices shall be as specified in state OSHA and Transportation standards for logging roads or the "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD) published by the U.S. Department of Transportation - Federal Highway Administration. Included in the Traffic Control Plan, Purchaser shall note traffic control device locations on a Purchaser produced copy of the contract Exhibit A Map.

(b) Road Construction, Renovation, Improvement, Use, and Maintenance

- (1) The Purchaser shall construct Road No. 16-2E-20.4, and renovate Angels Flight Road (por.), and Road Nos. 16-1E-13.2, and -13.3, 16-2E-8 Seg. A, -17, -17.1, -18, -18.3 Seg. D, -18.4, -18.5, -19.1, -19.2, -19.3, -19.7, -20.3 Seg. B, -29 Segs. B & C (por.), and improve Road Nos. 16-2E-8 Seg. B, and 16-2E-20.3 Segs. A & C, in strict accordance with the plans and specifications shown on Exhibit C, which is attached hereto and made a part hereof. Exhibit C contains 40 sheets.
- (2) Prior to removal of any timber, except right-of-way timber, the required construction, improvement and/or renovation of the haul route for that timber shall be completed as specified in Exhibit C. The required construction, improvement and/or renovation of roads shall occur between June 1 and October 31, and are subject to dry conditions as determined by the Authorized Officer.
- (3) Culvert replacement/installation on streams shall be done between July 1 and August 15 (both days inclusive), and shall be completed prior to hauling and fall rains. During installation of the stream culverts, dewatering of the culvert bed, silt fences and/or straw bales may be required as directed by the Authorized Officer. All work shall be completed in accordance with the plans and specifications shown in Exhibit C.
- (4) The Purchaser shall furnish and place 500 cubic yards of surface maintenance rock in accordance with Exhibit D, which is attached hereto and made part hereof. Exhibit D contains 5 sheets. Road reinforcement (rocking) and additional maintenance that may be required for wet weather haul shall be at the Purchaser's expense.

- (5) Purchaser Maintenance: The Purchaser is authorized to use the roads listed below and shown on Exhibit D which are under the jurisdiction of the Bureau of Land Management, Giustina Tree Farms, and/or Weyerhaeuser Company, for the removal of Government timber sold under the terms of this contract and/or the hauling of rock as required in Exhibits C and D, provided that the Purchaser comply with the conditions set forth in Section 42(c)(6), Section 42(c)(8) and Section 42(c)(9) and pay the required rockwear obligation described in Section 42(c)(7). The Purchaser shall pay current Bureau of Land Management rockwear fees for the sale of additional timber under modification to the contract.

<u>Road No. and Segment</u>	<u>Length Miles Used</u>	<u>Road Ownership</u>	<u>Road Surface Type</u>
16-1E-13.2	0.09	BLM	Rock
16-1E-13.3	0.31	BLM	Rock
Angels Flight Road (por.)	0.20	BLM	BST
Angels Flight Road (por.)	0.09	BLM	Rock
16-2E-8 Seg. A	0.21	WY	Rock
16-2E-8 Seg. B	0.12	BLM	Rock
16-2E-17	0.67	BLM	Rock
16-2E-17.1	0.13	BLM	Rock
16-2E-18	1.24	BLM	Rock
16-2E-18.3 Seg. D	0.04	BLM	Rock
16-2E-18.4	0.80	WY	Rock
16-2E-18.5	0.08	BLM	Rock
16-2E-19.1	1.18	BLM	Rock
16-2E-19.2	0.25	BLM	Rock
16-2E-19.3	0.13	BLM	Rock
16-2E-19.7 Segs. A-C	0.25	WY	Rock
16-2E-19.7 Seg. D	0.17	BLM	Rock
16-2E-20.3 Segs. A-B	0.43	GTF	Rock
16-2E-20.3 Seg. C	0.09	BLM	Rock
16-2E-20.4	0.40	BLM	Rock
16-2E-29 Seg. B (por.)	0.22	BLM	BST
16-2E-29 Seg. B (por.)	0.78	BLM	Rock

WY = Weyerhaeuser Company

GTF = Giustina Tree Farms

- (6) The Purchaser shall perform any required road repair and maintenance work on roads used by him, under the terms of Exhibit D, "Road Maintenance Specifications", of this contract.

- (7) The Purchaser shall pay to the Government a road maintenance obligation for rockwear in the amount of Nine Thousand Four Hundred Ninety-seven and 72/100 dollars (\$9,497.72) for the transportation of timber included in the contract price over the roads listed in Section 42(c)(5).

The rockwear fee shown above shall be paid prior to removal of any timber from the contract area; provided, however, that if the total of such amount exceeds One Thousand and 00/100 dollars (\$1,000.00), the Purchaser may elect to make the payment in installments in the same manner as and together with payments required in Section 3 of this contract.

- (8) In the improvement, use, and maintenance of Road No. 16-2E-8 Seg. A, and the renovation, use, and maintenance of Road Nos. 16-2E-17, 16-2E-17.1, 16-2E-18.3 Segs. A-C, 16-2E-18.4 Seg. A, 16-2E-19.7 Segs. A-C, and 16-2E-29 Segs. A & C, the Purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement No. E-662 between the United States of America and Weyerhaeuser Company. Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a copy of the executed License Agreement. Default by the Purchaser of said Right-of-Way and Road Use Agreement, or any License Agreement executed pursuant thereto, for failure to pay appropriate road use fees shall be considered a violation of this contract. The amount of unpaid fees shall be considered as the amount of damage suffered by the Government as a result of the violation of this provision. Said agreement is available for inspection at the Bureau of Land Management, Springfield Interagency Office, 3106 Pierce Parkway Suite E, Springfield, Oregon. Such conditions include but are not limited to the following actions by the Purchaser:

- (aa) Obtain a license agreement from Weyerhaeuser Company. The license agreement, bond and insurance certificate shall be delivered to Weyerhaeuser Company at least 15 days prior to use of company roads.
 - (bb) Furnish a performance bond in the amount of Ten Thousand and 00/100 dollars (\$10,000.00).
 - (cc) Maintain comprehensive liability insurance covering all operations, including vehicles, in amounts not less than One Million and 00/100 dollars (\$1,000,000.00) bodily injury for injury to any one person, One Million and 00/100 dollars (\$1,000,000.00) for any one occurrence, and One Million and 00/100 dollars (\$1,000,000.00) property damage for any one occurrence.
 - (dd) Pay a lump sum road use fee of Twenty-seven Thousand Three Hundred Forty-five and 00/100 dollars (\$27,345.00) prior to log hauling. Additional road use fees may be due as a result of modification volume.
 - (ee) Pay maintenance fees monthly, for volume hauled the previous month, at the rate per M bd. ft. equal to the appropriate BLM fee current at the time of hauling. Such payment to be accompanied by a report of volume hauled as a proration of the volume set forth in Exhibit B of the contract. Total maintenance fees payable shall be the product of the applicable rates and the estimated volume set forth in said Exhibit B and additional volume as sold by contract modification.
 - (ff) All maintenance and rockwear fees due as a result of modification shall be paid at rates current at the time of modification, with payment made prior to contract termination.
 - (gg) The Purchaser shall maintain Road Nos. 16-2E-8 Seg. A, 16-2E-17, 16-2E-17.1, 16-2E-18.4, and 16-2E-19.7 Segs. A-C, in accordance with Section 42(c)(6).
 - (hh) Prior to cutting or removing any timber from the road rights-of-way for Road Nos. 16-2E-8 Seg. B, and/or timber to be felled for use of yarding wedges across private ground, the Purchaser shall purchase the timber from Weyerhaeuser Company, the owner of the timber, according to license agreement specifications.
- (9) In the improvement, use and maintenance of Road No. 16-2E-20.3 Seg. A, and the renovation, use, and maintenance of Road No. 16-2E-20.3 Seg. B, the Purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement No. E-300C between the United States of America and Giustina Tree Farms. Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a copy of the executed License Agreement. Default by the Purchaser of said Right-of-Way and Road Use Agreement, or any License Agreement executed pursuant thereto, for failure to pay appropriate road use fees shall be considered a violation of this contract. The amount of unpaid fees shall be considered as the amount of damage suffered by the Government as a result of the violation of this provision. Said agreement is available for inspection at the Bureau of Land Management, Springfield Interagency Office, 3106 Pierce Parkway Suite E, Springfield, Oregon. Such conditions include but are not limited to the following actions by the Purchaser:
- (aa) Obtain a license agreement from Giustina Tree Farms. The license agreement, bond and insurance certificate shall be delivered to Weyerhaeuser Company at least 15 days prior to use of company roads.
 - (bb) Furnish a performance bond in the amount of Ten Thousand and 00/100 dollars (\$10,000.00).
 - (cc) Maintain comprehensive liability insurance covering all operations, including vehicles, in amounts not less than One Million and 00/100 dollars (\$1,000,000.00) bodily injury for injury to any one person, One Million and 00/100 dollars (\$1,000,000.00) for any one occurrence, and One Million and 00/100 dollars (\$1,000,000.00) property damage for any one occurrence.
 - (dd) Pay a lump sum road use fee of Ten Thousand Nine Hundred Fifty-one and 85/100 dollars (\$10,951.85) prior to log hauling. Additional road use fees may be due as a result of modification volume.
 - (ee) Pay maintenance fees monthly, for volume hauled the previous month, at the rate per M bd. ft. equal to the appropriate BLM fee current at the time of hauling. Such payment to be accompanied by a report of volume hauled as a proration of the volume set forth in Exhibit B of the contract.

Total maintenance fees payable shall be the product of the applicable rates and the estimated volume set forth in said Exhibit B and additional volume as sold by contract modification.

- (ff) All maintenance and rockwear fees due as a result of modification shall be paid at rates current at the time of modification, with payment made prior to contract termination.
 - (gg) The Purchaser shall maintain Road No. 16-2E-20.3 Segs. A & B, in accordance with Section 42(c)(6).
 - (hh) Prior to cutting or removing any timber from the road rights-of-way for Road Nos. 16-2E-20.3 Seg. C, the Purchaser shall purchase the timber from Giustina Tree Farms, the owner of the timber, according to license agreement specifications
- (10) With the prior written approval of the Authorized Officer, the Purchaser may arrange for cooperative maintenance with other users on roads included in Section 42(c)(5) of this contract; provided, that such cooperative arrangement shall not relieve the Purchaser of his liability for the maintenance and repair of such roads resulting from wear or damage, in accordance with this contract. Prior to hauling, the Purchaser shall furnish the Authorized Officer a copy of any cooperative maintenance agreement(s) entered into with other users on these roads.
- (11) The Purchaser also agrees that if he elects to use any private road which is the subject of a right-of-way agreement with the Government, for the removal of Government timber sold under the terms of this contract, he shall request and agree to the modification of this contract to provide for such use.

(c) Environmental Protection

- (1) The Purchaser shall be required to clean logging, piling, road, and decommissioning equipment to remove dirt and plant debris that may contain noxious weed seeds from the undercarriage, tracks and tire treads prior to entry on BLM. The Authorized Officer shall require inspection of equipment to see that it was cleaned prior to arrival on site.
- (2) Cable yarding corridors shall be waterbarred and covered with slash immediately after use if necessary to prevent erosion, as determined by the Authorized Officer.
- (3) Upon each season's shutdown and prior to fall rains, the Purchaser shall block skid trails and shall place them in an erosion-resistant condition by constructing waterbars and/or lead-off ditches. Waterbars shall be constructed in accordance with the specifications shown on Exhibit H, which is attached hereto and made a part hereof. Exhibit H contains 2 sheets. Blocking and water bars shall be completed as directed by the Authorized Officer.
- (4) In addition to the requirements set forth in Section 26 of this contract, the Purchaser shall apply native seed and certified weed-free mulch to cut and fill slopes and ditch lines with the potential for sediment delivery to wetlands, Riparian Reserves, floodplains, and waters of the State, as determined by the Authorized Officer. The BLM will provide native seed and mulch as needed.
- (5) In addition to the requirements set forth in Section 26 of this contract, the Purchaser shall, upon completion of hauling, and yarding, complete skid trail and road decommissioning measures. Skid trail and road decommissioning shall be completed during the dry season, typically between July 1 and October 15, as determined by the Authorized Officer.
 - (aa) Purchaser shall decompact skid trails to a depth of 18 inches with decompaction equipment such as a track mounted excavator with ripping teeth and an opposable thumb. Minimize damage to residual tree roots. The Purchaser shall decompact the entire trail prism. Slash and debris shall be pulled on top of the decompact surface as directed by the Authorized Officer. If equipment other than an excavator is used, it shall be approved by the Authorized Officer. It shall also be capable of decompacting to the required depth and provide lateral shatter of compacted layer.
 - (bb) Construct drainage dips, waterbars and/or lead-off ditches as directed by the Authorized Officer. Waterbars and drainage dips shall be constructed in accordance with the specifications shown on Exhibit H.
 - (cc) Purchaser shall block skid trails and roads with root wads, logs and/or slash as directed by the Authorized Officer.

Roads	Surface	(aa) Decompact and Place Log Slash	(bb) Drainage	(cc) Block
Skid Trails	Natural	X	X	X
16-2E-20.4	Rock		X*	X*
16-2E-20.4 roadside landing at Sta. 0+20	Rock	X**	X**	

* Block at Station 14+00 and place waterbars beyond the block with spacing in accordance to specifications shown in Exhibit H.

** Roadside landing shall have rock removed and piled at site designated by the Authorized Officer. Landing shall be decompacted and covered with slash in accordance with Section 42(c)(5)(aa).

- (6) The Purchaser shall immediately discontinue specified construction or timber harvesting operations upon written notice from the Contracting Officer that:
 - (aa) Threatened or endangered plants or animals protected under the Endangered Species Act of 1973, as amended, may be affected by the operation, and a determination is made that consultation or reinitiation of consultation is required concerning the species prior to continuing operation, or;
 - (bb) When, in order to comply with the Endangered Species Act, or to prevent incidental take of northern spotted owls in accordance with management direction in the Record of Decision (ROD) and Resource Management Plan (RMP), the Contracting Officer determines it may be necessary to modify or terminate the contract, or;
 - (cc) Federal proposed, federal candidate, Bureau sensitive, or State listed species protected under BLM Manual 6840 - Special Status Species Management - have been identified, and a determination is made that continued operations would affect the species or its habitat, or;
 - (dd) When, in order to comply with a court order which enjoins operations on the sale or otherwise requires the Bureau of Land Management to suspend operations, or;
 - (ee) When, in order to comply with a court order, the Contracting Officer determines it may be necessary to modify or terminate the contract, or;
 - (ff) When, in order to comply with a stay or other remedy issued by the Interior Board of Land Appeals (IBLA) the Contracting Officer determines it may be necessary to modify or terminate the contract, or;
 - (gg) Species have been discovered which were identified for protection in accordance with management direction established in the ROD and RMP, and the Contracting Officer determines that continued operations would affect the species or its habitat, or;
 - (hh) When, in order to protect species which were identified for protection in accordance with management direction established in the ROD and RMP, the Contracting Officer determines it may be necessary to modify or terminate the contract.

Those operations necessary for a safe removal of personnel and equipment from the contract area and those directed by the Contracting Officer which are required in order to leave the contract area in an acceptable condition will be permitted. Discontinued operations may be resumed upon receipt of written instructions and authorization by the Contracting Officer.

During any period of suspension, the Purchaser may withdraw performance and payment bond coverage aside from that deemed necessary by the Authorized Officer to secure cut and/or removed timber for which the Bureau of Land Management has not received payment, and/or unfulfilled contract requirements associated with harvest operations that have already occurred and associated post-harvest requirements.

In the event of a suspension period or a combination of suspension periods that exceed a total of 30 days, the First Installment held on deposit may be temporarily reduced upon the written request of the Purchaser. For the period of suspension extending beyond 30 days, the First Installment on deposit may be reduced to five (5) percent of the First Installment amount listed in Section 3(a) of the contract.

Any First Installment amount temporarily reduced may be refunded or transferred to another BLM contract at the request of the Purchaser. However, if the Purchaser has outstanding debt owing the United States, the Contracting Officer must first apply the amount of First Installment that could be refunded to the debt owed in accordance with the Debt Collection Improvement Act, as amended (31 USC 3710, et seq.). Upon Purchaser's receipt of a bill for collection and written notice from the Contracting Officer lifting the suspension, the Purchaser shall restore the First Installment to the full amount shown in Section 3(a) of the contract within 15 days after the bill for collection is issued, subject to Section 3(i) of the contract. The Purchaser shall not resume contract operations until the First Installment amount is fully restored.

In the event of a suspension period or a combination of suspension periods that exceed a total of 30 days, the unamortized Out-of-Pocket Expenses for road or other construction required pursuant to Exhibit C of the contract shall be refunded or transferred to another BLM contract at the request of the Purchaser. Upon written notice from the Contracting Officer lifting the suspension, the Purchaser shall reimburse the Government the amounts refunded or transferred. The Purchaser may choose to pay this reimbursement at once or in installments payable at the same time as payments are due for the timber under the contract and in amounts approximately equal to the expenses associated with the timber for which payment is due.

In the event that a Court-ordered injunction results in a suspension period in which the Purchaser loses operating time of 30 calendar days or more between September 2021 and March 2023 during the contract period, the Contracting Officer shall unilaterally modify the contract based on reappraisal of the remaining volume as of the date that the suspension is lifted. The 30 days can be the sum of days accruing during more than one operating season. Reappraisal may result in a decrease to the unit price bid per species. Reappraisal will be based on the loss of net volume due to the deterioration of logs during the period of delay and any associated changes in the amortization of logging costs per unit of volume, as determined by the Authorized Officer. Amortization of road construction cost over a reduced net volume will be considered as well as any additional move-in or logging costs caused by the delay, as determined by the Authorized Officer. Reappraisal will adjust Exhibit B volume and values, and will not consider changes in the market price of timber.

In the event that operating time is lost as a result of the incorporation of additional contract requirements, or delays due to Endangered Species Act consultation with the U.S. Fish and Wildlife Service or U.S. National Marine Fisheries Service, court-ordered injunctions, or an IBLA issued stay or remedy, the Purchaser agrees that an extension of time, without reappraisal, will constitute a full and complete remedy for any claim that delays due to the suspension hindered performance of the contract or resulted in damages of any kind to the Purchaser.

The Contracting Officer may determine that it is necessary to modify the contract or terminate the cutting and removal rights under the contract in order to comply with the Endangered Species Act, prevent incidental take of northern spotted owls in accordance with the ROD and RMP, protect species that have been discovered which were identified for protection in accordance with management direction established in the ROD and RMP, or comply with a court order or an IBLA issued stay or remedy. Following the issuance of a written notice that cutting and removal rights will be terminated, the Purchaser will be permitted to remove timber cut under the contract, if allowed by the Endangered Species Act, if able to proceed without causing incidental take of northern spotted owls in accordance with the ROD and RMP, if consistent with species protection in accordance with management direction established in the ROD and RMP, or if consistent with a court order or an IBLA issued stay or remedy.

In the event the contract is modified or cutting and removal rights are terminated under this subsection, the Purchaser agrees that the liability of the United States shall be limited to the actual costs incurred by the Purchaser which have not been amortized by timber removed from the contract area. This calculation of liability shall utilize actual Purchaser costs and Government estimates of timber volumes. At the Authorized Officer's request, the Purchaser agrees to provide documentation of the actual costs incurred in the performance of the contract. In addition, the Purchaser shall be released from the obligation to pay the contract price for any timber which is not authorized to be removed from the contract area.

The Purchaser specifically and expressly waives any right to claim damages, other than those described in the preceding paragraphs, based on an alleged breach of any duty to the Purchaser, whether express or implied, in regard to the manner in which the Government defended the litigation which resulted in the court order affecting the operation of the contract. This waiver also extends to any claims based on effects on the operation of the contract that arise from litigation against another agency. Furthermore, the Purchaser specifically acknowledges and agrees that a court ruling that the Government violated the Administrative Procedures Act cannot be interpreted, in itself, to mean that the Government had not acted reasonably in regard to its duties to the Purchaser under this contract.

(d) Fire Prevention

- (1) Primarily for purposes of fire prevention and control, the Purchaser shall, prior to the operation of power driven equipment in construction or logging operations under this contract during fire season or periods of fire danger, prepare a fire prevention and control plan to the satisfaction of the Authorized Officer.

(e) Logging Residue Reduction

- (1) In addition to the requirements of Sections 15 and 26 of this contract, and notwithstanding the Purchaser's satisfactory compliance with State laws and regulations regarding offsetting or abating the additional fire hazard created by this operation and the State's willingness to release the Purchaser from liability for such hazard, the Purchaser shall remain responsible to the Government for performance of the following logging residue reduction and/or site preparation measures required by this contract: Perform logging residue reduction and site preparation work on approximately twenty-eight (28) acres of Salvage Harvest Areas. Slash, as defined for this section, shall mean all material (brush, limbs, tops, unmerchantable stems, and chunks) severed or knocked over as a result of purchaser's operations under the terms of this contract.
 - (aa) Prior to commencement of any logging residue reduction and/or site preparation, a pre-work conference between the Purchaser's representative and the Authorized Officer must be held at a location designated by the Authorized Officer. All logging residue reduction and/or site preparation shall be done in accordance with the plans developed at the pre-work conference.
 - (bb) Pile and cover landing slash and slash within twenty-five (25) feet of all roads within or adjacent to the Salvage Harvest Areas. All tops, broken pieces, limbs and debris more than two (2) inches in diameter at the large end, and longer than three (3) feet in length, shall be piled within fifteen (15) days of completion of hauling logs from that landing. Landing piles shall be kept free of dirt and located at least twenty (20) feet from any reserve tree and/or as directed by the Authorized Officer.
 - (1) All logs greater than six (6) inches in diameter at the large end and longer than eight (8) feet in length shall be decked or windrowed at the location designated by the Authorized Officer, except logs sold and removed from the contract area.
 - (2) Upon completion of landing and roadside piling, the Purchaser shall prepare the piles for burning by securely covering each pile with black four (4) Mil polyethylene plastic. Landing and roadside piles shall be at least seventy-five (75) percent covered with the covering extending three-quarters of the way down all sides, minimum plastic size of 10' x 10'. There should be an adequate supply of finer fuels located within and under the covered area of the pile to ensure ignition of the larger fuels. Plastic shall be held in place with woody debris and tied with combustible cord. The plastic must be secured so that it is held in place during strong wind conditions and maintains coverage for at least one year. The Purchaser is required to furnish the covering materials. The timing of this covering work shall be in accordance with instructions from the Authorized Officer. If the structure of the landing piles will not permit adequate consumption of piled debris by burning, the Purchaser shall re-pile them at the direction of the Authorized Officer.
- (2) Notwithstanding the provisions of Sec. 15 of this contract, the Government shall assume all obligations for disposal or reduction of fire hazards created by Purchaser's operations on Government lands, except for burning and mop-up assistance as required herein and measures required in Section 42(e).

In accordance with written instruction to be issued by the Authorized Officer at least 10 days in advance of the earliest date of required performance, the Purchaser shall, under supervision of the Authorized Officer or designated representative, assist in preparing units for burning, burning, mop-up, and patrol by furnishing, at the Purchaser's own expense, the services of personnel and equipment on harvest area as shown below:

(aa) For Igniting, Holding, and Mop-Up of Piles:

- (1) One (1) work leader (Firefighter Type 1 (FFT1)) to supervise crew and equipment operations, and to serve as Purchaser's representative.
- (2) Two (2) person crew (Firefighter Type 2 (FFT2)).
- (3) Sufficient fuel for burning, five (5) drip torches or propane burners, one (1) power saw, and one (1) backpack pump, one (1) tool for each crew member.
- (4) Radios capable of inter-crew communications and communication with a BLM representative at a ratio of one (1) radio per every five (5) crew members.
- (5) All ignition, holding, and mop-up personnel will be directly supervised by a BLM representative.

Aircraft and pilots used for Logging Residue Reduction or the suppression of escaped fires from Logging Residue Reduction operations, shall be acquired from a list of aircraft and pilots approved (i.e., carded for these specific activities) by the Office of Aircraft Services or the U.S. Forest Service. This list is available from BLM District Offices upon request.

All listed personnel shall be physically fit, experienced and fully capable of functioning as required. In addition, all listed personnel shall be qualified according to the National Wildfire Coordinating Group (NWCG) Wildland Fire Qualification System Guide, PMS-310-1 and provide documentation of these qualifications. On the day of ignition all listed personnel shall be fluent in speaking and understanding English, clothing shall consist of long pants and long sleeved shirts, and be of approved aramid fabric (Nomex™ or equivalent), as well as being free of diesel fuel oil. All personnel shall wear boots with minimum eight (8) inch tall uppers that provide ankle support, approved hardhats and leather gloves. Personnel who do not meet these requirements or do not have proper clothing and personal protective equipment (PPE) will not be allowed to participate. All listed tools and equipment shall be in good usable condition. All power-driven equipment shall be fully fueled and available for immediate use. During periods of use under this subsection, the Purchaser shall provide fuel and maintenance for all such power-driven equipment.

Except as provided hereafter for fire escapement, the Purchaser shall continue the required assistance in mop up on each cutting unit shown on Exhibit A for seventy-two (72) hours, as directed by the Authorized Officer within a five (5) day period commencing at 8:00 a.m. the day following the completion of ignition in that unit, or until released from such service by the Government, whichever occurs first.

In event of a fire escapement, the Purchaser's personnel and equipment shall, under supervision of the Authorized Officer, take action to control and mop up the escaped fire until released from such service by the Government. If it becomes necessary to use furnished personnel and equipment for the suppression of a fire which escapes from the prescribed fire area for a period beyond the remainder of the day in which the fire escapes, then the Government shall, at its option: (1) reimburse the Purchaser for such additional use of personnel and equipment at wage rates shown in the current Administratively Determined Pay Rates for the Western Area and at equipment rates shown in the current Oregon-Washington Interagency Fire Fighting Equipment Rental Rates schedule until the Purchaser is released from such service by the Government; or (2) release the Purchaser from additional suppression work and assume responsibility for suppressing the escaped fire.

In situations where an escaped fire is controlled and contained by an adequate fire break (i.e., trail, road, stream, rock formation, etc.), the Government may permit the Purchaser to remove personnel for that day; provided that all mop up work on the escaped fire is included with mop up work on the prescribed fire area. In such an event, the Purchaser must sign a statement of agreement to complete mop up work on all escaped fire areas concurrently with mop up work on the prescribed fire area.

In case of injury to personnel or damage to equipment furnished as required by this subsection, liability shall be borne by the Purchaser, unless such injury or damage is caused by Government negligence.

Time is of the essence in complying with this provision. In the event the Purchaser fails to provide the personnel and equipment required herein, the Purchaser shall be responsible for all additional cost incurred by the Government in disposing of slash including but not limited to the wages and other costs of providing federal employees and others as substitute labor force, the cost of providing substitute equipment and appropriate additional overhead expenses. If the Purchaser's failure results in a deferral of burning and new conditions necessitate additional personnel and equipment to accomplish the planned burn, the Purchaser also shall be responsible for such additional costs.

(f) Log Export and Substitution

- (1) All timber sold to the Purchaser under the terms of this contract, except exempted species, is restricted from export from the United States in the form of unprocessed timber, and is prohibited from being used as a substitute for exported private timber. For the purpose of this contract, unprocessed timber is defined as: (1) any logs except those of utility grade or below, such as saw logs, peeler logs and pulp logs; (2) cants or squares to be subsequently remanufactured exceeding eight and three-quarters (8-3/4) inches in thickness; (3) split or round bolts or other round wood not processed to standards and specifications suitable for end-product uses; or (4) western red cedar lumber that does not meet lumber of American Lumber Standards Grades of Number 3 dimension or better, or Pacific Lumber Inspection Bureau R-List Grades of Number 3 Common or better. Thus, timber manufactured into the following will be considered processed: (1) lumber and construction timber, regardless of size, manufactured to standards and specifications suitable for end-product uses; (2) chips, pulp, and pulp products; (3) green or dry veneer and plywood; (4) poles and piling cut or treated for use as such; (5) cants, squares, and lumber cut for remanufacturing of eight and three-quarters (8-3/4) inches in thickness or less; (6) shakes and shingles.

Substitution will be determined under the definition found in 43 CFR 5400.0-5(n).

The Purchaser is required to maintain and upon request to furnish the following information:

- (aa) Date of last export sale.
 - (bb) Volume of timber contained in last export sale.
 - (cc) Volume of timber exported in the past twenty-four (24) months from the date of last export sale.
 - (dd) Volume of Federal timber purchased in the past twenty-four (24) months from the date of last export sale.
 - (ee) Volume of timber exported in succeeding twenty-four (24) months from date of last export sale.
 - (ff) Volume of Federal timber purchased in succeeding twenty-four (24) months from date of last export sale.
- (2) In the event the Purchaser elects to sell any or all of the timber sold under this contract in the form of unprocessed timber, the Purchaser shall require each party buying, exchanging, or receiving such timber to execute a Form 5460-16 (Certificate as to Nonsubstitution and the Domestic Processing of Timber). The original of such certification shall be filed with the Authorized Officer. Additionally, when the other party is an affiliate of the Purchaser, the Purchaser will be required to update information under item (2) of Form 5450-17 (Export Determination) and file the form with the Authorized Officer.

In the event an affiliate of the Purchaser has exported private timber within twenty-four (24) months prior to purchasing or otherwise acquiring Federal timber sold under this contract, the Purchaser shall, upon request, obtain from the affiliate information in a form specified by the Authorized Officer and furnish the information to the Authorized Officer.

Prior to the termination of this contract, the Purchaser shall submit to the Authorized Officer Form 5460-15 (Log Scale and Disposition of Timber Removed Report) that shall be executed by the Purchaser.

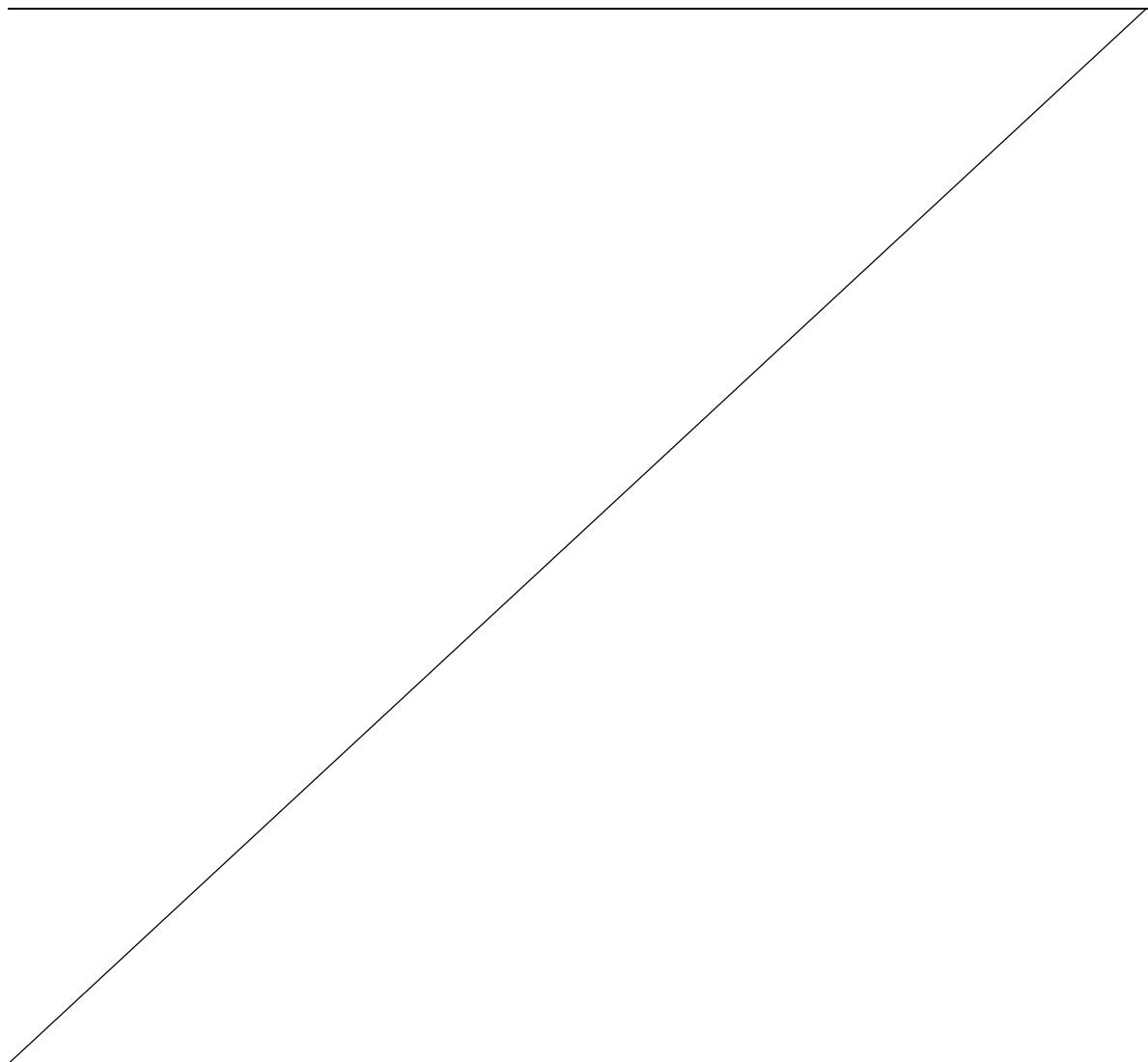
In addition, the Purchaser is required under the terms of this contract to retain for a three-year period from the date of termination of the contract the records of all sales or transfer of logs involving timber from the sale for inspection and use of the Bureau of Land Management.

Unless otherwise authorized in writing by the Contracting Officer, the Purchaser shall brand clearly and legibly one end of all logs with a scaling diameter (small end inside bark) of over 10 inches, prior to the removal of timber from the contract area. All loads of 11 logs or more will have a minimum of 10 logs clearly and legibly branded on one end regardless of the diameter of the logs. All logs shall be branded on loads of 10 logs or less. One end of all branded logs to be processed domestically shall be marked with a 3 square inch spot of highway Yellow paint. The Purchaser will stop trucks for accountability monitoring at mutually agreed upon location when notified by the Authorized Officer.

If multiple trailers (mule trains) are used, each bunked load shall be considered an individual load, and these guidelines will apply to each bunked load. If a flatbed stake trailer is used, each bundle will be treated as a separate load.

At the discretion of the Contracting Officer, the Purchaser may be required to brand and paint all logs. Any increased costs for log branding and painting shall be the responsibility of the Purchaser.

In the event of the Purchaser's noncompliance with this subsection of the contract, the Authorized Officer may take appropriate action as set forth in Section 10 of this contract. In addition, the Purchaser may be declared ineligible to receive future awards of Government timber for a period of one year.





**United States
Department of the Interior
Bureau of Land Management**

Timber Appraisal

Sale Name: Finn Angel	Sale Date: Thursday, August 26, 2021
BLM District: NW Oregon DO	Unit of Measure: 16' MBF
Contract #: ORN05-TS-2021.0546	Contract Term: 18 months
Sale Type: Advertised	Contract Mechanism: 5450-4 Sale of Timber - Scale Sale

Content

Timber Appraisal Summary
Stumpage Summary
Unit Summary
Stump to Truck
Transportation
Engineering Allowances
Other Allowances

Prepared By: Cranmer, Kyle M - 7/20/2021

Approved By: Barclay, Brian W - 7/20/2021

Legal Description of Contract Area

Land Status	County	Township	Range	Section	Subdivision	Meridian
O&C	Lane	16 S	1 E	13	SE1/4SW1/4, W1/2SE1/4	Willamette
O&C	Lane	16 S	2 E	17	Lots 1, 2, 5, 6, 7, 9, 12 and 13	Willamette
O&C	Lane	16 S	2 E	19	Lots 9-11, 13-16, 19, and 22	Willamette
O&C	Lane	16 S	2 E	20	N1/2NE1/4	Willamette
O&C	Lane	16 S	2 E	29	NW1/4NE1/4, N1/2NW1/4	Willamette

Species Totals

Species	Net	Gross Merch	Gross	# of Merch Logs	# of Cull Logs	# of Trees
Douglas Fir	9,288.0	10,611.0	11,428.0	91,663	25,434	17,930
Western Hemlock	5.0	6.0	8.0	90	90	45
Totals	9,293.0	10,617.0	11,436.0	91,753	25,524	17,975

Cutting Area Acres

Regeneration Harvest Acres	Partial Cut Acres	Right of Way Acres	Total Acres	Net Volume per Acre
222.0	0.0	2.1	224.1	41.5

Comments:

Salvage timber sale from the Holiday Farm Fire

Logging Costs

Stump to Truck	\$2,300,329.99
Transportation	\$606,822.00
Road Construction	\$312,697.58
Maintenance/Rockwear	\$81,738.66
Road Use	\$38,296.85
Other Allowances	\$35,958.53
Total:	\$3,375,843.61
Total Logging Cost per MBF:	\$363.27

Utilization Centers

<u>Location</u>	<u>Distance</u>	<u>% of Net Volume</u>
Eugene/Springfield	40.0 miles	100 %

Profit & Risk

Profit	8 %
Risk	3 %
Total Profit & Risk	11 %

Tract Features

Quadratic Mean DBH	19.6 in
Average GM Log	115 bf
Average Volume per Acre	41.5 mbf
Recovery	81 %
<u>Net MBF volume:</u>	
Green	0.0 mbf
Salvage	9,293 mbf
Export	0 mbf
<u>Ground Base Logging:</u>	
Percent of Sale Volume	5 %
Average Yarding Slope	10 %
Average Yarding Distance	100 ft
<u>Cable Logging:</u>	
Percent of Sale Volume	72 %
Average Yarding Slope	40 %
Average Yarding Distance	350 ft
<u>Aerial Logging:</u>	
Percent of Sale Volume	23 %
Average Yarding Slope	40 %
Average Yarding Distance	3450 ft

Cruise

Cruise Completed	June 2021
Cruised By	Dotson, Cranmer, Rule
Cruise Method	

CRUISE INFORMATION: The timber volumes for Douglas-fir and western hemlock in the Hazard Tree Removal Area were based on a variable plot cruise for estimating board foot volume. Plots were measured using a 40 basal area factor for a total of 141 plots. A map showing the location and description of the sample trees is available at the Northwest Oregon District's Springfield Interagency Office. With respect to merchantable Douglas-fir (sample) trees: The average tree is 19.6" DBHOB; the average log contains 115 bd. ft.; the total gross merchantable volume is approximately 10,611 MBF; and 81% recovery is expected.

Stumpage Computation

Species	# of Trees	Net Volume	Pond Value	(-) Profit & Risk	(-) Logging Costs	(+) Marginal Log Value	Appraised Price/MBF	Appraised Value
Douglas Fir	17,930	9,288.0	\$535.31	\$58.88	\$363.27	\$0.00	\$113.20	\$1,051,401.60
Western Hemlock	45	5.0	\$329.30	\$36.22	\$363.27	\$0.00	\$33.00 *	\$165.00
Totals	17,975	9,293.0						\$1,051,566.60

* Minimum Stumpage values were used to compute the Appraised Price/MBF (10% of Pond Value)

Percent of Volume By Log Grade

Species	No. 1 & 2 Peeler	No. 3 Peeler	Special Mill	No. 2 Sawmill	No. 3 Sawmill	No. 4 Sawmill	Camp Run
Douglas Fir				66.0 %	34.0 %		

Species	Peeler	No. 1 Sawmill	Special Mill	No. 2 Sawmill	No. 3 Sawmill	No. 4 Sawmill	Camp Run
Western Hemlock					100.0 %		

Unit: 1

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	136.0	157.0	171.0	449
Western Hemlock	1.0	1.0	2.0	10
Totals:	137.0	158.0	173.0	459

Net Volume/Acre: 19.6 MBF

Regeneration Harvest	7.0
Partial Cut	0.0
Right of Way	0.0
Total Acres:	7.0

Unit: 2

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	3,674.0	4,196.0	4,514.0	6,550
Totals:	3,674.0	4,196.0	4,514.0	6,550

Net Volume/Acre: 49.6 MBF

Regeneration Harvest	74.0
Partial Cut	0.0
Right of Way	0.0
Total Acres:	74.0

Unit: 3

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	2,546.0	2,910.0	3,141.0	5,703
Western Hemlock	4.0	5.0	6.0	35
Totals:	2,550.0	2,915.0	3,147.0	5,738

Net Volume/Acre: 31.5 MBF

Regeneration Harvest	81.0
Partial Cut	0.0
Right of Way	0.0
Total Acres:	81.0

Unit: 4

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	2,855.0	3,262.0	3,509.0	5,091
Totals:	2,855.0	3,262.0	3,509.0	5,091

Net Volume/Acre: 47.6 MBF

Regeneration Harvest	60.0
Partial Cut	0.0
Right of Way	0.0
Total Acres:	60.0

Unit: RW2

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	2.0	2.0	3.0	7
Totals:	2.0	2.0	3.0	7

Net Volume/Acre: 10.0 MBF

Regeneration Harvest	0.0
Partial Cut	0.0
Right of Way	0.2
Total Acres:	0.2

Unit: RW4

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	75.0	84.0	90.0	130
Totals:	75.0	84.0	90.0	130

Net Volume/Acre: 39.5 MBF

Regeneration Harvest	0.0
Partial Cut	0.0
Right of Way	1.9
Total Acres:	1.9

Total Stump To Truck	Net Volume	\$/MBF
\$2,300,329.99	9,293.0	\$247.53

Stump to Truck: Falling, Bucking, Yarding, & Loading

Yarding System	Unit of Measure	# of Units of Measure	\$/Unit of Measure	Total Cost	Remarks
Helicopter	GM MBF	2,495.0	\$431.18	\$1,075,794.10	See Helo Print Out In Sale Folder, 44 Acres
Cable: Medium Yarder	GM MBF	229.0	\$221.91	\$50,817.39	Regen Uphill Younger Timber, 5 LD/Day, 18 Acres, \$3.00 Gal, 5,000/LD
Shovel	GM MBF	68.0	\$169.45	\$11,522.60	Regen Roadside Younger Timber, 5 LD/Day, 5 Acres, \$3.00 Gal, 5,000/LD
Cable: Medium Yarder	GM MBF	4,026.0	\$158.51	\$638,161.26	Regen Uphill, 7 LD/Day, 90 Acres, \$3.00 Gal, 5,000/LD
Cable: Medium Yarder	GM MBF	3,345.0	\$138.70	\$463,951.50	Regen Uphill, 8 LD/Day, 59 Acres, \$3.00 Gal, 5,000/LD
Shovel	GM MBF	454.0	\$105.91	\$48,083.14	Regen Uphill, 8 LD/Day, 8 Acres, \$3.00 Gal, 5,000/LD
Subtotal				\$2,288,329.99	

Additional Costs

Item	Unit of Measure	# of Units of Measure	\$/Unit of Measure	Total Cost	Remarks
Deadman Anchor	Each	30.0	\$400.00	\$12,000.00	Inadequate stumps to anchor to
Subtotal				\$12,000.00	

Additional Moves

Equipment	Unit of Measure	# of Units of Measure	\$/Unit of Measure	Total Cost	Remarks
Subtotal				\$0.00	

Comments:

Logging cost printouts are located in the Happy trails contract office folder.

Total	Net Volume	\$/MBF
\$606,822.00	9,293.0	\$65.30

Utilization Center	One Way Mileage	Description	Unit of Measure	# of Units	\$/Unit of Measure	Total Cost	% of Sale Volume
Eugene/Springfield	40.0	Log Haul	GM MBF	10,646.0	\$57.00	\$606,822.00	100 %

Comments:

\$95/hour x 3 Hours round trip (60min delay included) = \$285.00 per trip / 5.0 mbf per load = \$57.00

Engineering Allowances

Total	Net Volume	\$/MBF
\$432,733.09	9,293.0	\$46.57

Cost Item	Total Cost
Road Construction:	\$312,697.58
Road Maintenance/Rockwear:	\$81,738.66
Road Use Fees:	\$38,296.85

Comments:

Road Construction see Ex C
 Road Maint/Rockwear See Ex D
 Road Use Fees See Ex D

Total	Net Volume	\$/MBF
\$35,958.53	9,293.0	\$3.87

Environmental Protection

Cost item	Total Cost
Seed And Mulch Laborer	\$840.00
Equipment Washing	\$400.00
Subtotal	\$1,240.00

Fire Prevention & Control

Cost item	Total Cost
Fuels Appraisal	\$11,800.00
Subtotal	\$11,800.00

Logging

Cost item	Total Cost
CWD	\$12,672.00
Additional Tree Cutting And Submerch Cutting	\$2,088.00
Flaggers	\$3,000.00
Subtotal	\$17,760.00

Road Construction, Maintenance, Use, & Decommissioning

Cost item	Total Cost
Finn Angel Pavement Protection	\$1,606.53
Skid Trail/Landing Decomm	\$3,552.00
Subtotal	\$5,158.53

Comments:

Other Allowances Worksheets are located in Finn Angel contract paper sale folder. Road Decommissioning cost is from the D appraisal located in PUP contract paper sale folder.