

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Salem District Office
1717 Fabry Road, S.E.
Salem, Oregon 97306

Little Chair Salvage Timber Sale
ORS04-TS-2015.0504
Date: May 27, 2015

PROSPECTUS

THIS IS A PROSPECTUS ONLY. ATTACHMENTS MAY NOT INCLUDE ALL EXHIBITS REFERRED TO IN THE CONTRACT. THE COMPLETE CONTRACT, INCLUDING ALL EXHIBITS, IS AVAILABLE FOR INSPECTION AT THE SALEM DISTRICT OFFICE.

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 her representative, in the timber sale room at the District Office, 1717 Fabry Road, S.E., Salem, Oregon. Written bids and deposits will be accepted beginning at 8:30 a.m. and the timber sale oral auction will commence at 9:00 a.m., on Wednesday, June 24, 2015.

THIS TIMBER SALE NOTICE does not constitute the decision document for purposes of protest and appeal of a forest management decision. Consistent with 43 CFR Subpart 5003-Administrative Remedies, the notice of a timber sale, when published as a legal ad in a newspaper of general circulation shall constitute the decision document for purposes of protest and appeal. Protests may be filed with the Contracting Officer within 15 days of the publication of the aforementioned decision document in the newspaper. It is anticipated that the decision document will be published in the Sandy Post on or about May 27, 2015. BLM does not warrant publication on this exact date. All parties considering protest of the timber sale decision document are encouraged to review the aforementioned newspaper(s) to ensure accurate knowledge of the exact publication date.

AN ENVIRONMENTAL ASSESSMENT was prepared for each timber sale tract, and a Finding of No Significant Impact has been documented. These documents are available for inspection as background for each timber sale tract at the Salem District Office.

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

THE SUCCESSFUL BIDDER, as a condition of award, will be required to sign Form 5430-11, a certification that the bid was arrived at by the bidder or offeror independently, and was tendered without collusion with any other bidder or offeror. Also, Form 5450-17, Export Determination must be completed by the successful bidder. To expedite procedure, this form should be completed and submitted with the written bid.

THE VOLUMES LISTED herein are estimates only. The sale volumes listed are 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 advertised appraised price. The Purchaser shall be liable for the total purchase price, without regard to the amount bid per unit, even though the quantity of timber actually cut or removed or designated for taking is more or less than the estimated volume or quantity so listed.

THIS TIMBER SALE has been cruised based upon Eastside Scribner board foot measure. The minimum bid figures shown by species are dollars per thousand board feet (MBF). The minimum bid increment will be \$0.10 per MBF.

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. A minimum performance bond of not less than \$500 will be required for all installment contracts less than \$2,500.

QUALIFIED SMALL BUSINESS concerns may apply to SBA for a loan to provide financing for access road construction required under the terms of qualifying timber sale contracts, and necessary contract changes will be made. Approval of loan applications rests with SBA and may be contingent on availability of funds. Applicants for such loans shall notify BLM of their intention to apply for a loan.

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, responsible or refuses to respond within fifteen (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.

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 5420, 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. The BLM has revised the log export restrictions special provision to reduce the log branding and painting requirements. The new requirements include branding of one end of all logs with a scaling diameter of over 10 inches. All loads of 11 logs or more, regardless of the diameter of the logs, will have a minimum of 10 logs branded on one end. All logs will be branded on loads of 10 logs or less. One end of all branded logs will be marked with yellow paint. At the discretion of the Contracting Officer, the Purchaser may be required to brand and paint all logs. The Purchaser shall bear any increased costs for log branding and painting.

CONTRACT TERMINATION: 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;
2. Comply with a court order, or;
3. Protect occupied marbled murrelet sites in accordance with the Standards and Guidelines of the Salem District Record of Decision (ROD) and Resource Management Plan (RMP), or;
4. Protect species which were identified for protection through survey and manage and/or protection buffer standards and guidelines established in the ROD and RMP.

This contract provision limits the liability of the Government to the actual costs incurred by the Purchaser which have not been amortized by timber removed from the contract area.

ADDITIONAL INFORMATION concerning this timber sale tract is available at the above District Office. A copy of the timber sale contract is also available for inspection at the District Office. The prospectus for this/these sale(s) is also available online at: <http://www.blm.gov/or/districts/salem/timbersales/index.php>. The prospectus includes maps and tables that cannot be made Section 508 compliant. For help with its data or information, please contact the Salem District Office at 503-375-5646.

Attachments:

Form 5450-17

Form 5440-9

TIMBER SALE NOTICE

THIS IS A SCALE SALE

SALEM DISTRICT
CASCADES RESOURCE AREA
SALEM MASTER UNIT

SALE DATE: June 24, 2015

CONTRACT NO. ORS04-TS-2015.0504, LITTLE CHAIR SALVAGE:
CLACKAMAS COUNTY, OREGON: O&C: ORAL AUCTION: BID DEPOSIT REQUIRED: \$10,400.00.

All timber designated for cutting on: SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 20, E $\frac{1}{2}$ NE $\frac{1}{4}$, Sec. 30, T. 4S, R. 5E., W.M.

THIS TIMBER SALE HAS BEEN CRUISED BASED UPON EASTSIDE SCRIBNER MEASURE.

Minimum bid figures shown by species are dollars per thousand board feet (MBF). The minimum bid increment will be \$0.10 per MBF.

Approx. No. Merchantable Trees	Est. Vol. MBF 32' Log	Species	Est. Vol. MBF 16' Log	Appraised Price Per MBF	Estimated Volume Times Appraised Price
3,421	509	Douglas-fir	627	\$143.70	\$90,099.90
366	132	western hemlock	170	\$78.40	\$13,328.00
3,787	641	Totals	797		\$103,427.90

LOG EXPORT AND SUBSTITUTION RESTRICTIONS: All timber offered for sale hereunder is restricted from export from the United States in the form of unprocessed timber and also prohibited from substitution of exported private timber.

CRUISE INFORMATION: The timber volumes were based on a variable plot cruise for estimating the board foot volume of trees. Plots were measured using a 40 basal area factor (BAF) for partial cut units. 100% of the sale volume is salvage material. With respect to merchantable trees of all species; the average tree is 15.1 inches DBHOB; the average gross merchantable log contains 64 bd. ft.; the total gross volume is approximately 891 MBF; and 89% recovery is expected.

CUTTING AREA: Two (2) units totaling approximately twenty-eight (28) acres shall be cut. Acres shown on Exhibit A have been computed using a Trimble Geo XT Global Positioning System receiver. Acreage was calculated based on Global Positioning System traverse procedures including differential correction.

DURATION OF CONTRACT: Will be eighteen (18) months for cutting and removal of timber.

LOCATION: Unit 1 – From Estacada travel east on Hwy 224 for approximately 6.4 miles, turn left onto the 4-5E-18 road for approximately 4.6 miles, turn right through the gate and continue for 0.9 miles and arrive at Unit 1. Unit 2 – From Estacada travel south on Hwy 211 for approximately 4.7 miles, turn left onto Hillockburn Road and travel east for approximately 5 miles, turn left through the gate onto the 4-5E-19 road and travel for approximately 0.6 miles, turn left onto the 4-5E-30.2 road and travel for approximately 0.5 miles and arrive at Unit 2.

ACCESS AND ROAD MAINTENANCE: Gate keys are required for access. Prospective bidders may obtain a 4C17 key from the Salem District Office, Monday through Friday from 7:45 a.m. to 4:30 p.m. A credit card is required at the time of checking out a key. A \$50.00 charge will apply if key is not returned.

In the use of Bureau of Land Management controlled roads which the Purchaser is authorized to use, the Purchaser shall pay a rockwear obligation of two-hundred, forty-five and 69/100ths dollars, (\$245.69) to the Bureau of Land Management. The Purchaser will be required to maintain certain Bureau of Land Management controlled roads as shown on Exhibit E map.

In the use of Department of Agriculture, United States Forest Service controlled roads which the Purchaser is authorized to use; the Purchaser shall enter into a license agreement with Forest Service and perform road maintenance during use.

In the use of Port Blakely Tree Farms LP controlled roads which the Purchaser is authorized to use, the Purchaser shall enter into a license agreement with Port Blakely and pay to Port Blakely a road use fee of one-thousand, three-hundred, eight and 00/100ths dollars (\$1,308.00); will be required to carry liability insurance with limits of \$500,000/\$500,000/\$500,000; furnish a performance bond in the amount of \$1,000 and perform road maintenance during use.

Purchaser maintenance shall include roadside brushing, frequent blading and shaping of gravel surfaces; spot rocking; ditch, culvert, and catch basin cleaning; removal of minor slides, blow-down trees and other debris. Roads shall be left in a condition to withstand adverse weather at the end of each seasonal operation. Purchaser shall also be responsible for performing post storm inspections and maintenance during the winter season for all Purchaser maintained roads.

ROAD CONSTRUCTION, IMPROVEMENT AND RENOVATION: The Purchaser will be required to do all work set forth below. The Purchaser shall supply all materials unless otherwise indicated.

Road Construction:

P1, 310 feet, 14-foot subgrade, out-sloped, no ditch,
Natural Surface, Usable width 12 feet.

Renovation:

Road 4-4E-24, USFS Road 4500, Hillockburn, 0.34 miles, BST surface, Usable width 18 feet.

Road 4-5E-18, USFS Road 4610, 2.41 miles BST and 2.29 miles gravel surface, Usable width 12 feet.

USFS Road 4610113, 1.04 miles gravel surface, Usable width 12 feet.

Road 4-5E-19, 0.55 miles gravel surface, Usable width 12 feet.

Road 4-5E-30.2, 0.47 miles gravel surface, Usable width 12 feet.

Road 4-5E-30.3, 0.25 miles gravel surface, Usable width 12 feet.

Renovation includes 7.35 miles of road maintenance including blading and shaping for proper drainage, roadside brushing, spot ditch cleaning, cleaning inlet, outlet and barrel of all existing culverts, and spot rocking.

Estimated Quantities:

Clearing:

0.2 acres new construction

Excavation:

190 cubic yards of common material

Aggregate Material:

<u>Quantity</u>	<u>Description</u>
150 cubic yards (loose measure)	1½ inch minus crushed rock

Rock Sources:

1½ inch minus crushed rock to be furnished from commercial sources.

Watering: as needed.

Rolling:

New road construction subgrades shall be compacted by routing construction equipment over the entire width of the roadway.

Major Structures:

None

Miscellaneous Items:

Slope Staking: None

Right-of-way Debris Disposal:

Debris shall be disposed of by scattering on the downslope side of the road or right-of-way. Stumps, logs and logging debris are to be stockpiled near the beginning of new road segment constructed. This debris will be used to block the spur road over winter and at the completion of haul.

In addition to all other final road maintenance requirements and upon completion of log haul: water-bar 0.06 miles of road and construct 1 vehicle barricade.

Seed, fertilize and mulch 0.2 acres of right-of-way at completion of sale.

OTHER: Road 4-5E-18 (USFS 4610) is scheduled to have Forest Service log haul occurring in summer 2015 and is heavily used by the public for recreation, therefore, cautious and cooperative use of the narrow one-lane road system is required. Safe use and proper signage will be enforced.

SPECIAL ATTENTION ITEMS:

Sec. 41.a-c Reserved timber

Sec. 42.g.1-5 Seasonal restrictions

Seasonal Restriction Matrix

Seasonal Restriction		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Hauling and skidding on natural surface roads (42.g.1-2.), Road Construction/Stabilization (42.g.3.)													
Felling, yarding, and road construction in Unit 1. (42.g.4.)													
Felling, yarding, and road construction in Unit 2. (42.g.5)													
Key	Operations allowed			Operations restricted									

TIMBER SALE CONTRACT SPECIAL PROVISIONS

Sec. 41.

RESERVED

- a. All timber on the Reserve Area(s) shown on Exhibit A and all painted orange or posted trees which are on or mark the boundaries of the Reserve Area(s).
- b. All hardwoods larger than seven (7) inches DBH and all trees marked with orange paint above and below stump height in the Unit Area(s) shown on Exhibit A.
- c. All downed timber and logs marked with orange paint in the Unit Area(s) as shown on Exhibit A.

Sec. 42. Special Provisions -

LOGGING

a. Periodic Payment and First Installment Adjustment

1. Notwithstanding the provisions of Sec. 3(b), the amount of the first installment may be reduced by the Government when the Contracting Officer requests the Purchaser to interrupt or delay operations for a period expected to last more than thirty (30) days during the operating season. Such interruption or delay must be beyond the Purchaser's control. Operating Season shall be defined, for this purpose, as the time of year in which operations of the type required are normally conducted and not specifically restricted under the contract. The first installment may be reduced to five (5) percent of the installment amount listed in Sec. 3(b), during the delay period. The Purchaser must request such a reduction in writing. When the Contracting Officer notifies the Purchaser that operations may proceed, the Purchaser shall have fifteen (15) days after such notification to return the first installment to the full value specified in Sec. 3(b). Failure to return the first installment to the full value within the allotted time will be considered a material breach of contract. No timber shall be cut or removed from the contract area until the first installment is restored to the full amount.

2. Notwithstanding the provisions of Sec. 3(b), adjustments in the due dates for periodic payments may be made by the Government if the Contracting Officer interrupts or delays contract operations for a period expected to last at least thirty (30) days, and the interruption or delay is beyond the Purchaser's control. Any adjustment made shall provide the Purchaser with an equal amount of operating time as would have been available without the delay. The Purchaser shall request such adjustment in writing before the due date for a periodic payment contained in Sec. 3(b).

b. 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. The Purchaser shall provide a minimum of seven (7) days' notice when requesting

the scheduling of a pre-work conference. Before beginning operations on the Contract Area for the first time or after a shutdown of seven (7) or more days, the Purchaser shall notify the Authorized Officer of the date the Purchaser plans to begin operations.

c. In the Unit Area – Skyline Yarding, shown on Exhibit A, logs shall be yarded with the leading end of all logs transported free of the ground during in-haul yarding. The rigging of tail or lift trees or the use of tailholds outside Unit Area shown on Exhibit A shall be required where necessary to meet this requirement. Lift trees and skyline corridors shall be selected and flagged by the Purchaser and approved by the Authorized Officer prior to commencement of falling operations.

d. All trees designated for cutting shall be cut so that the resulting stumps shall not be higher than twelve (12) inches from the ground on the uphill side of the tree.

e. Prior to attaching any logging equipment to a reserve tree, the Purchaser shall obtain written approval from the Authorized Officer and shall take precautions to protect the tree from damage as directed in writing by the Authorized Officer.

f. No winching, skidding or yarding is permitted across any reserve area shown on Exhibit A unless approved in writing by the Authorized Officer.

g. The following seasonal restrictions shall be observed:

- 1) No hauling on natural surface roads shall be conducted during periods of wet conditions as determined by the Authorized Officer. Hauling on natural surface roads will generally be restricted between November 1st of one calendar year and May 31st of the following year, both days inclusive, depending on weather conditions.
- 2) No ground-based equipment operations shall be conducted on natural surface areas during periods of wet soil conditions as determined by the Authorized Officer. Ground-based operations will generally be restricted between November 1st of one calendar year and May 31st of the following calendar year both days inclusive, depending on weather conditions.
- 3) No road construction or road stabilization shall be conducted on Contract Area shown on Exhibit A during periods of wet soil conditions as determined by the Authorized Officer. Road construction will generally be restricted between November 1st of one calendar year and May 31st of the following calendar year both days inclusive, depending on weather conditions.
- 4) No falling, yarding, or road construction shall be conducted in Unit 1 of the Contract Area shown on Exhibit A between March 1st and July 15th of each year both days inclusive due to nesting of Northern Spotted Owls, unless waived by the Authorized Officer.
- 5) No falling, yarding, or road construction shall be conducted in Unit 2 of the Contract Area shown on Exhibit A between January 15th and July 31st of each year both days inclusive due to nesting of Raptors, unless waived in writing by the Authorized Officer.

ROAD CONSTRUCTION, RENOVATION, MAINTENANCE AND USE

- h. The Purchaser shall construct and renovate roads in strict accordance with the plans and specifications shown on Exhibit C which is attached hereto and made a part hereof.
- i. Any required construction or renovation of roads shall be completed and accepted prior to the removal of any timber, except right-of-way timber, over that road.
- j. The Purchaser shall not commence work until receipt of written notice to do so from the Authorized Officer.
- k. Upon completion of hauling the Purchaser shall water bar, construct a vehicle barricade, seed, fertilize and mulch right-of-way of new road construction in accordance with the plans and specifications shown on Exhibit D and E, which are attached hereto and made a part hereof.
- l. The Purchaser is authorized to use the roads listed below and shown on Exhibit E which are under the jurisdiction of the Bureau of Land Management for the removal of Government timber sold under the terms of this contract and the hauling of rock as required in Exhibit C provided that the Purchaser comply with the conditions set forth in Section 42.n. and pay the required rockwear obligation described in Section 42.m. The Purchaser shall pay current Bureau of Land Management rockwear fees for the sale of additional timber under modification of the contract.

Road No. and Segments	Length Miles Used	Road Control	Road Surface Type
4-5E-19, A/2-B	0.43	BLM	ASC
4-5E-30.2, A	0.47	BLM	ASC
4-5E-30.3, all	0.25	BLM	ASC

- m. The Purchaser shall pay to the Government a road maintenance obligation for rockwear in the amount of two-hundred, forty-five and 69/100ths dollars (\$245.69), for the transportation of timber included in the contract price and for transportation of any mineral material required under terms of the contract over road or roads listed in Section 42.l. The amount of the rockwear shown above shall be paid prior to removal of timber from the contract area; Provided, however, that if the total of such amount exceeds five hundred dollars (\$500.00), 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.
- n. The Purchaser shall perform any road repair and maintenance work on roads used by him, under the terms of Exhibit D, "Purchaser Road Maintenance Specifications," of this contract which is attached hereto and made a part hereof.
- o. With the prior written approval of the Authorized Officer, the Purchaser may arrange for cooperative maintenance with other users of road(s) included in Section 42.l.,p.,q. 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. The Purchaser shall furnish the Authorized Officer a copy of any cooperative maintenance agreements entered into with other users on these roads.

p. In the renovation and use of roads listed below and shown on Exhibit E, the Purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement No. S-440 dated March 18, 1960 between the United States of America and Port Blakely Tree Farms Limited Partnership. These conditions include: Executing a License Agreement with Port Blakely Tree Farms Limited Partnership which requires payment of a road use obligation of one-thousand, three-hundred-eight and 00/100ths dollars, (\$1,308.00) payable at the time indicated in the license agreement. This document is available for inspection at the office of the Authorized Officer. 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. The Purchaser will be required to perform road maintenance during use and carry liability insurance with limits of \$500,000/\$500,000/\$500,000 and a performance bond of \$1,000.00.

Road No. and Segment	Length Miles Used	Road Control	Road Surface Type
4-5E-19, C	0.07	PBTF	ASC

q. In the renovation and use of roads listed below, the Purchaser shall comply with the conditions of the Bureau of Land Management and U.S. Forest Service Interagency Right-of-Way and Road Use Agreement dated May 20, 1980. The conditions include: entering into a license agreement with the U.S. Forest Service and performing road maintenance during use.

Road No. and Segments	Length Miles Used	Road Control	Road Surface Type
4-4E-24 (FS 4500), A/1	0.34	USFS	BST
4-5E-18 (FS 4610), A-C	4.70	USFS	2.41 mi. BST, 2.29 mi. ASC
4-5E-19 (FS 4500130), A/1	0.05	USFS	ASC
FS 4610113, A-B	1.04	USFS	ASC

r. The Purchaser also agrees that if they elect to use any other 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, Purchaser shall request and agree to the modification of this contract to provide for such use and for allowances for amortization of the Government's share of the capital investment of any such road.

s. The Purchaser shall be required to secure written approval to use vehicles or haul equipment over Government-owned or private bridges or culvert structures when such vehicles or equipment exceed the maximum allowable weights or dimensions established by the State for vehicles operating without a permit.

Tracked-type equipment shall not be allowed to cross over concrete-bridge decks, other concrete surfaced

structures, or asphalt surfaced roads without the proper protection of that surface. Prior approval shall be obtained from the Authorized Officer or bridge owner when crossing with protective devices.

Details of such equipment shall be furnished to the Authorized Officer or bridge owner for evaluation of load characteristics at least fifteen (15) days prior to proposed move in.

Details shall include:

- A. Axle weights when fully loaded.
- B. Axle spacing.
- C. Transverse wheel spacing.
- D. Tire size.
- E. Outside width of vehicles.
- F. Operating speed.
- G. Frequency of use.
- H. Special features (e.g., running tracks, overhang loads, etc.)

The Purchaser shall be responsible for repair of any damage to roads or structures caused by the use of overweight or over dimension or tracked vehicles or equipment: (1) without written approval, or (2) in violation of the conditions of a written approval, or (3) in a negligent manner. The amount of actual damage shall be determined by the Authorized Officer following technical inspection and evaluation.

ENVIRONMENTAL PROTECTION

t. In addition to the requirements set forth in Sec. 26 of this contract, the Purchaser shall clean all plant parts and soil from all earth disturbing equipment and logging equipment prior to entry onto lands managed by the BLM unless otherwise agreed by the Authorized Officer to reduce or prevent the spread of noxious weeds to and from the Contract Area shown on Exhibit A. Equipment shall be inspected by the Authorized Officer at a site approved by the Authorized Officer to verify that the equipment had been reasonably cleaned prior to entry onto lands managed by the BLM.

u. The Purchaser shall install water bars or comparable erosion control measures and/or place logging slash and debris if needed upon inspection of skyline corridors in accordance with instructions from the Authorized Officer. This work shall be completed within fifteen (15) days after notification by the Authorized Officer after completion of hauling logs from that landing.

v. The Purchaser shall immediately discontinue specified construction or timber harvesting operations upon written notice from the Contracting Officer that:

- (1) 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;
- (2) when, in order to comply with the Endangered Species Act the Contracting Officer determines it may be necessary to modify or terminate the contract, or;

- (3) 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;
- (4) other active raptor nests have been discovered, and a determination is made that continued operations under this contract would adversely affect the present use of the discovered nesting area by the raptor, or;
- (5) 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;
- (6) when, in order to comply with a court order, the Contracting Officer determines it may be necessary to modify or terminate the contract.
- (7) species have been discovered which were identified for protection through survey and manage and/or protection buffer standards and guidelines established in the ROD and RMP, and the Contracting Officer determines that continued operation would affect the species or its habitat, or;
- (8) when, in order to protect species which were identified for protection through survey and manage and/or protection buffer standard and guidelines 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.(b). 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.(b). of the contract within 15 days after the bill for collection is issued, subject to Section 3.(h). 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 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, or court-ordered injunctions, 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 terminate the cutting and removal rights under the contract in order to comply with the Endangered Species Act, protect species that have been discovered which were identified for protection through survey and manage and/or protection buffer standards and guidelines established in the ROD and RMP, or comply with a court order. 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, survey and manage and/or protection buffer standards and guidelines established in the ROD and RMP, or court order requirements necessitating the modification or termination.

In the event 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 expressed 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.

FIRE PROTECTION

w. Primarily for purposes of fire prevention and control, the Purchaser shall comply with the following provisions when operating at Oregon Department of Forestry Industrial Fire Precaution Level (IFPL) I (Closed Fire Season). At IFPL II and III, additional fire prevention and control provisions may be added as determined by the Authorized Officer and specified in written instructions to the Purchaser to mitigate dry fuel and weather conditions.

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

(2) Provide and maintain in good working order, and immediately available on the contract area, the following equipment for use during closed fire season or periods of fire danger:

(a) Fire fighting tools shall be kept at each landing or at such other place at the Authorized Officer shall designate whenever people are working on the contract area. All fire fighting tools shall be kept in a sturdily constructed box which shall be painted red and lettered on the front or top in large letters "For Fire Only." The box shall have a hinged lid and a hasp by which the lid can be sealed. One (1) box may serve two landings, not over six hundred (600) feet apart. When filled, the box shall not weigh over two hundred (200) pounds. The fire tools shall be in good condition, be tight on strong handles, and have sharp cutting edges. There shall be not less than four (4) tools in each box or less than one (1) tool for each man working on the contract area. Three-fourths (3/4) of all fire tools shall be shovels, hazel hoes, or other scraping tools. The fire tools shall be used only for fighting fire.

(b) At each landing or such other place as the Authorized Officer shall designate during periods of operation, one (1) fire engine or tank truck of one thousand (1000) gallons or more capacity, or multiple engines equal to 1000 gallons capacity, with five hundred (500) feet of 1 ½ inch hose, one thousand (1000) feet of 1 inch hose, one (1) 1 ½ inch gated wye, one (1) 1 inch gated wye, two (2) 1 ½ to 1 inch reducers, and three (3) 1 inch nozzles. The fire engine, tank truck or smaller engines shall be equipped with a pump capable of delivering a minimum of forty (40) pounds per square inch (psi) engine pressure through fifty (50) feet of 1 ½ inch hose. The pump may be either a power take off (PTO), or a truck-mounted auxiliary engine. All equipment shall be acceptable to the Authorized Officer and shall conform to the standards set forth in Oregon Revised Statutes 477.645 through 477.670 and any rule promulgated pursuant to these statutes. All hose couplings shall have the standard thread adopted by the BLM (1 ½ inch National Hose Thread (NH), 1 inch National Pipe Straight Hose Thread (NPSH) or be provided with suitable adapters. At the close of each working day, all bulldozers, tank trucks, and/or engines shall be filled with fuel and made ready for immediate use. All tank trucks, and /or engines and portable tanks shall be filled with water and made available for immediate use.

(c) Two (2) backpack pumps at each landing and one (1) at each tail block, or any other block, all to be kept full of water and in good operating condition.

(d) A chemical fire extinguisher of at least eight (8) ounces minimum capacity of a type approved by the Oregon State Forester and a size 0 or larger shovel shall be carried during the closed fire season or periods of fire danger by each falling crew and each buckner using a power saw on the

contract area. Such fire extinguisher shall be filled and in effective operating condition and shall at all times be immediately available to the operator when the saw is being fueled or the motor of the saw is running. Any fueling of a power saw shall be done in an area which has first been cleared of all flammable material. Power saws shall be moved at least twenty (20) feet from the place of fueling before the engine is started. Each power saw shall be equipped with an exhaust system and a spark arresting device which are of types approved by the Oregon State Forester.

(e) Where blocks and cables are used on the contract area during periods of fire danger, the Purchaser shall remove all flammable material at least ten (10) feet from the place where the tail or any other block shall hang when the cable is tight. Such clearings shall be inspected periodically by the Purchaser and shall be kept free of flammable material.

(f) During Oregon Department of Forestry Closed Fire Season, no smoking shall be permitted outside of closed vehicles.

LOGGING RESIDUE REDUCTION

x. The Purchaser shall perform logging residue reduction. All work shall be done as directed by the Authorized Officer which includes scattering of residual logging slash and debris. This logging residue reduction work will occur upon completion of logging operations on any individual unit where it is required within thirty (30) days after completion of logging on each Unit Area unless otherwise agreed by the Authorized Officer. This work shall not be conducted on any natural surface areas during periods of wet soil conditions.

LOG EXPORT RESTRICTIONS

y. All timber sold to the Purchaser under the terms of the contract, except exempted species, is restricted from export under 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 sawlogs, 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 roundwood not processed to standards or specifications or suitable for end-product uses; or (4) western red cedar lumber which does not meet lumber of American 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 timbers 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:

1. Date of last export sale.
2. Volume of timber contained in last export sale.

3. Volume of timber exported in the past twelve (12) months from the date of last export sale.
4. Volume of Federal timber purchased in the past twelve (12) months from the date of last export sale.
5. Volume of timber exported in succeeding twelve (12) months from date of last export sale.
6. Volume of Federal timber purchased in succeeding twelve (12) months from date of last export sale.

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 "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 twelve (12) months prior to purchaser or otherwise acquiring Federal timber sold under this contract, the Purchaser shall, upon request, obtain from the affiliate information in the 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) which 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 ten (10) inches, prior to the removal of timber from the contract area. All loads of eleven (11) logs or more will have a minimum of ten (10) logs clearly and legibly branded on one end regardless of the diameter of the logs. All logs will be branded on loads of ten (10) logs or less. One end of all branded logs to be processed domestically will be marked with a three (3) square inch spot of highway yellow paint. The Purchaser will stop trucks for accountability monitoring at mutually agreed upon locations 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 cost for log branding and painting shall be the responsibility of the Purchaser.

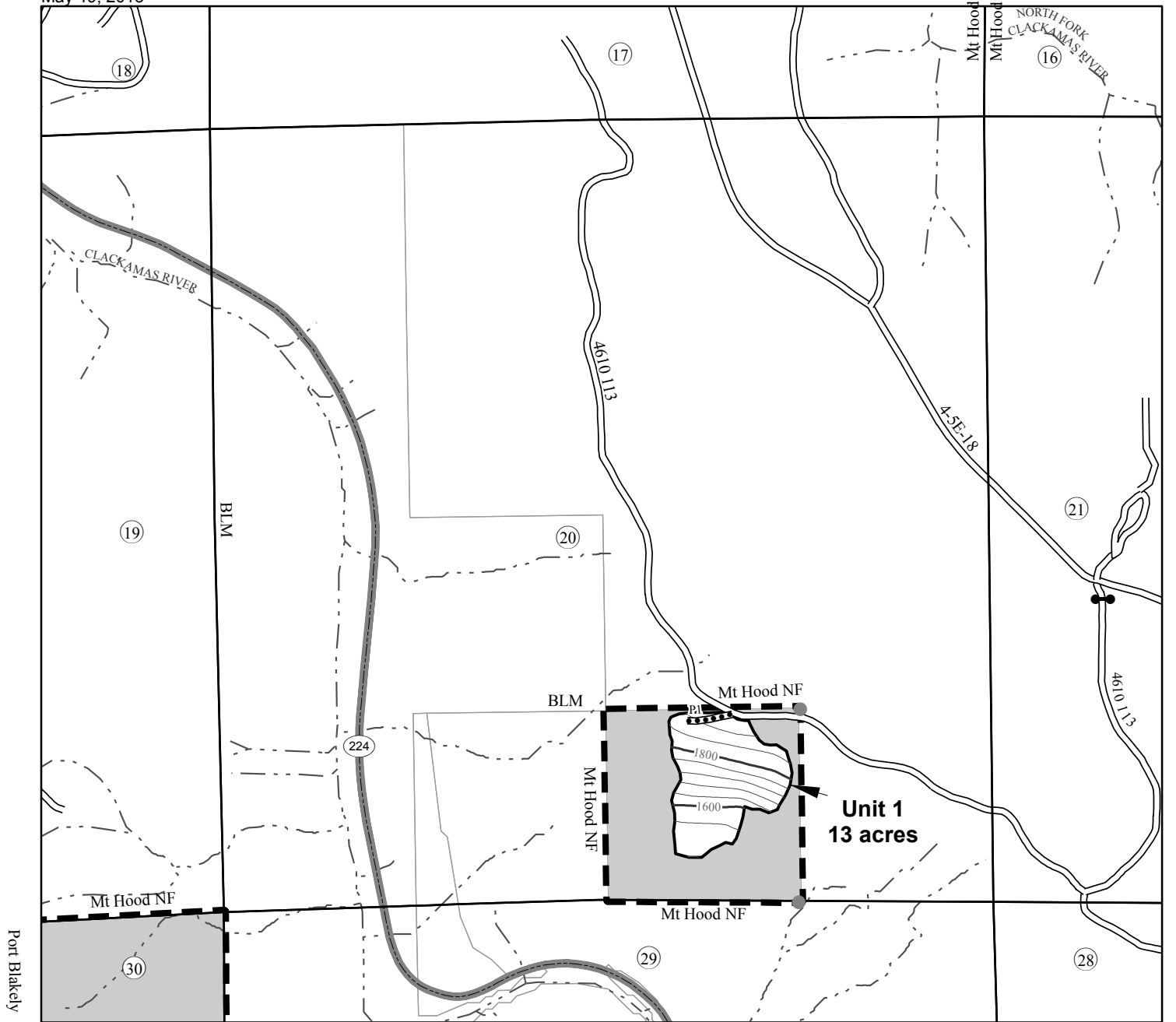
In the event of the Purchaser's noncompliance with this subsection of the contract, the Authorized Officer may take appropriate action as set forth in Sec. 10 of this contract. In addition, the Purchaser may be declared ineligible to receive future awards of Government timber for a period of one year.

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Salem District - Oregon
TIMBER SALE CONTRACT MAP -
Contract No. ORS04-TS-2015.0504

Little Chair Salvage
Timber Sale
Exhibit A
Page 1 of 2

T.4S., R.5E., Sections 20 & 30 W. M.

May 19, 2015



1,000 500 0 Feet

Contour Interval : 40'

- Found Corner
- ⦿ Gate
- == Existing Road
- Stream
- ▬ Right-of-Way New Construction
- Unit Boundary Skyline-Based Yarding
- Reserve Area
- ▤ Contract Area
- Ownership

Partial Cut Area	28 Acres
Reserve Area	92 Acres
Contract Area	120 Acres



Note: Boundaries of Unit Area are painted orange and posted.

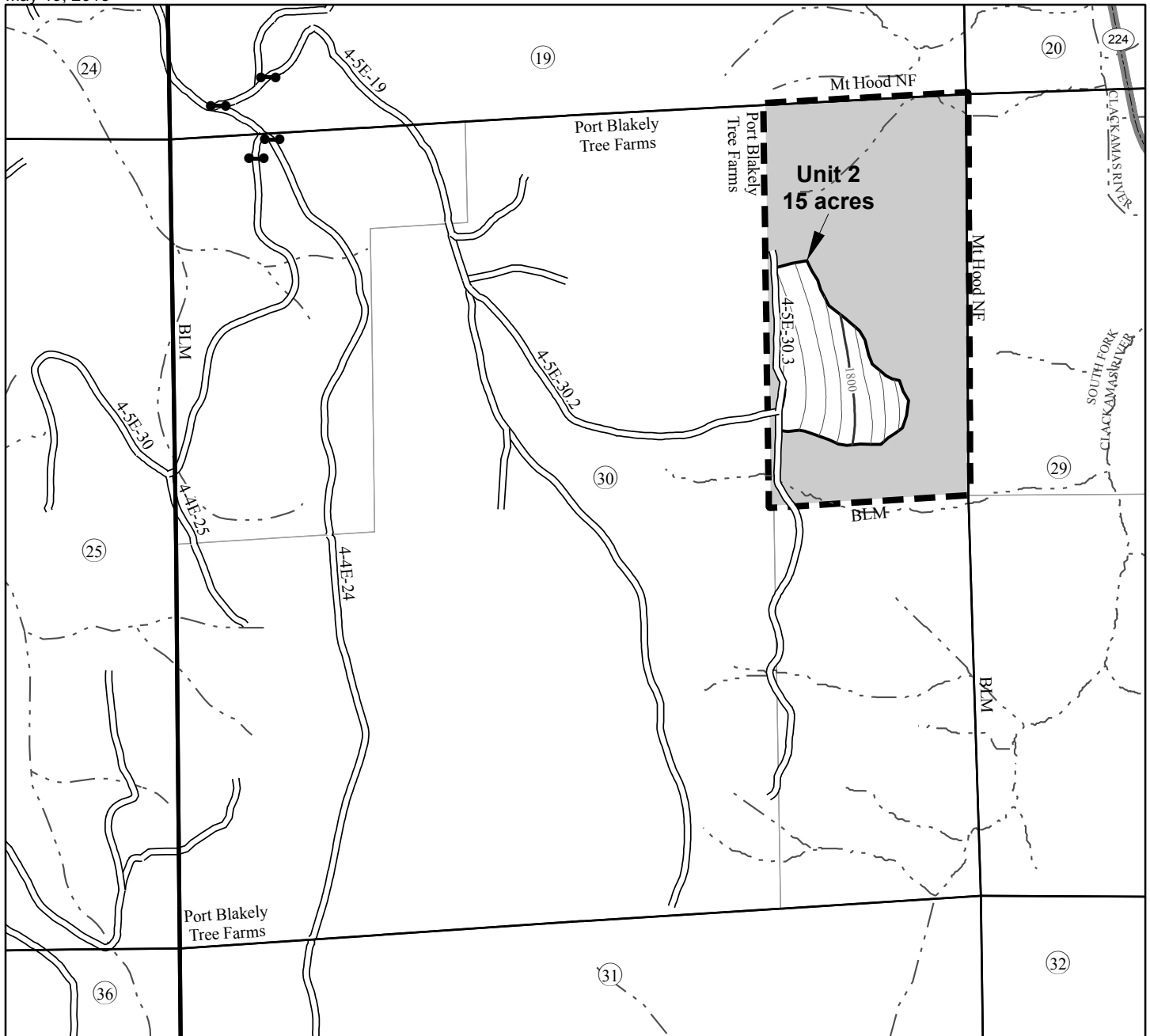
Note: Unit acres do not include existing or new roads. Acres shown on Exhibit A have been computed using a Trimble Geo XT global positioning system receiver. Acreage was calculated based on global positioning system traverse procedures including differential correction.

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Salem District - Oregon
TIMBER SALE CONTRACT MAP -
Contract No. ORS04-TS-2015.0504

Little Chair Salvage
Timber Sale
Exhibit A
Page 2 of 2

T.4S., R.5E., Sections 20 & 30 W. M.

May 19, 2015



1,000 500 0 Feet

Contour Interval : 40'

- Gate
- Existing Road
- Stream
- Unit Boundary Skyline-Based Yarding
- Reserve Area
- Contract Area
- Ownership

Partial Cut Area	28 Acres
Reserve Area	92 Acres
Contract Area	120 Acres



Note: Boundaries of Unit Area are painted orange and posted.

Note: Unit acres do not include existing or new roads. Acres shown on Exhibit A have been computed using a Trimble Geo XT global positioning system receiver. Acreage was calculated based on global positioning system traverse procedures including differential correction.

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

EXHIBIT B
SCALE SALE PURCHASE PRICE SCHEDULE AND MEASUREMENT SPECIFICATIONS

I. Total Actual Purchase Price - In accordance with Section 3.(f). 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, Measurement Units, and Prices		
Species	Measurement Unit	Price Per Measurement Unit
Douglas-fir	MBF	\$
western hemlock	MBF	\$

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

Schedule of Minimum Material Specifications			
Species and Products	Length	Diameter (inside bark at small end)	Net Scale
All Species	16 feet	6 inches	33 1/3% of gross volume of any log segment

If Purchaser elects to remove any logs which do not meet the above minimum log specifications and which have not been reserved to Government in Sec. 41 of the contract, such logs shall be scaled for their merchantable content as provided herein and be paid for in accordance with Sec. 2 and 3 of this contract and the value in Section 1 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 Sec. 3 of the contract at the unit prices shown in Section I of this Exhibit.

IV. Scaling

A. Log Rule and Measurement - All logs shall be scaled according to the Northwest Log Rules Eastside Log Scaling Handbook, as amended, or supplemented by BLM before the first advertisement date of the sale. A Scaling Authorization Form (OR 5300-18) must be completed prior to beginning of operations. Log scaling procedures including sample design shall be determined by the Contracting Officer in accordance with standard BLM sampling methods.

B. Scaling Service - Log scaling services shall be provided and performed by BLM personnel or parties under contract to 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.

C. Other Timber - If any timber is of a species or size not listed in Section II of this Exhibit (above) or is of a quality different from merchantable timber described herein, the Authorized Officer shall establish volumes and values in accord with Standard BLM methods.

D. 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.

E. Log Presentation - Purchaser shall present logs so that they may be scaled in an economical and safe manner in accordance with the Memorandum(s) of Agreement for Yard Scaling required in Section IV.G.5. of this Exhibit.

F. Check Scale - The Government shall conduct check scales as set forth in the following section.

Normally a check scale shall include at least 200 short logs (20 feet or less) or at least 100 multiple-segment logs. Sample the species and defect situation as fairly as possible. Individually analyze more complex scaling situations and increase the number of logs check scaled if necessary.

The following standards shall be used to determine the proficiency of individual scalers.

Gross Scale. A variance of one and one half (1½) percent 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	.2 x percent defect to a maximum of 5 percent

Determinations as to volume of timber made by a government check scaler in conformance with the standards as set forth herein shall be final. All loads check scaled by BLM shall be identified with the check scaler's initials legibly marked or painted in the face of the first log in each load. 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 shall be made by BLM. Such adjustments shall 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 shall be applied shall 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.

G. 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 shall be painted and branded at the landing and accounted for in accordance with Sec. 41.y. of the contract. 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. 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.

3. 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 4:00 a.m. to 8:00 p.m. daily, unless otherwise approved in writing by the Authorized Officer or designated in the Approved Logging Plan (Refer to Section 42.b of the contract).

4. 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.

5. All loads shall be scaled at scale locations listed on the Scaling Authorization (Form OR 5300-18) as approved by the Authorized Officer. The Purchaser shall ensure that all scale site owners listed on the Scaling Authorization enter into a Memorandum of Agreement for Yard Scaling before requesting BLM approval of the Scaling Authorization. Areas for scaling BLM logs shall be designated on the ground and identified on the yard map as required in the Memorandum(s) of Agreement for Yard Scaling.

6. 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.

7. In the event that BLM logs arrive at the log yard after daily scaling operations, an Overnight Load Control Record, Exhibit B page 5, will be completed by the Scale Site Authorized Representative. Before any BLM loads are released for scaling the BLM contract scaler or a BLM authorized representative shall complete the record and attach the form to the load receipt.

H. 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 shall be determined from the closest month in which loads were scaled.

V. 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 shall 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
Unit 1	13	27	361		
Unit 2	15	29	436		
Sale Total	28	28	797		

OVERNIGHT LOAD CONTROL RECORD	
Log Delivery Location	
Timber Sale	
1	Time and Date Load Delivered
2	Sale Name
3	Load Receipt No.
4	Number of Logs
5	Signature of Person Receiving the Load
6	Date and Time Load Released
7	Signature of Person Releasing the Load

Instructions:

1. Designated individual fills out the heading and lines 1 through 5 (including FULL SIGNATURE in ink on line 5.)
2. Contractor or BLM scaler shall fill out lines 6 and 7 (including FULL SIGNATURE in ink) when loads are released for scaling, otherwise the BLM and/or yard owner shall be required to sign.
3. Unless otherwise agreed, scaler shall attach this form to the Load Receipt.

OVERNIGHT LOAD CONTROL RECORD	
Log Delivery Location	
Timber Sale	
1	Time and Date Load Delivered
2	Sale Name
3	Load Receipt No.
4	Number of Logs
5	Signature of Person Receiving the Load
6	Date and Time Load Released
7	Signature of Person Releasing the Load

Instructions:

1. Designated individual fills out the heading and lines 1 through 5 (including FULL SIGNATURE in ink on line 5.)
2. Contractor or BLM scaler shall fill out lines 6 and 7 (including FULL SIGNATURE in ink) when loads are released for scaling, otherwise the BLM and/or yard owner shall be required to sign.
3. Unless otherwise agreed, scaler shall attach this form to the Load Receipt.

EXHIBIT C
LITTLE CHAIR SALVAGE
ORS04-TS-2015.0504

150: ROAD PLAN AND DETAIL SHEET

Type 1
Typical Grading Section
Insloped

Type 2
Typical Surfacing Section
Insloped

Type 3
Typical Grading Section
Outsloped

Type 4
Typical Surfacing Section
Outsloped

Type 5
Typical Grading Section
w/ Ditch

Type 6
Typical Surfacing Section

PLAN
Typical Truck

PLAN
Typical Turnout

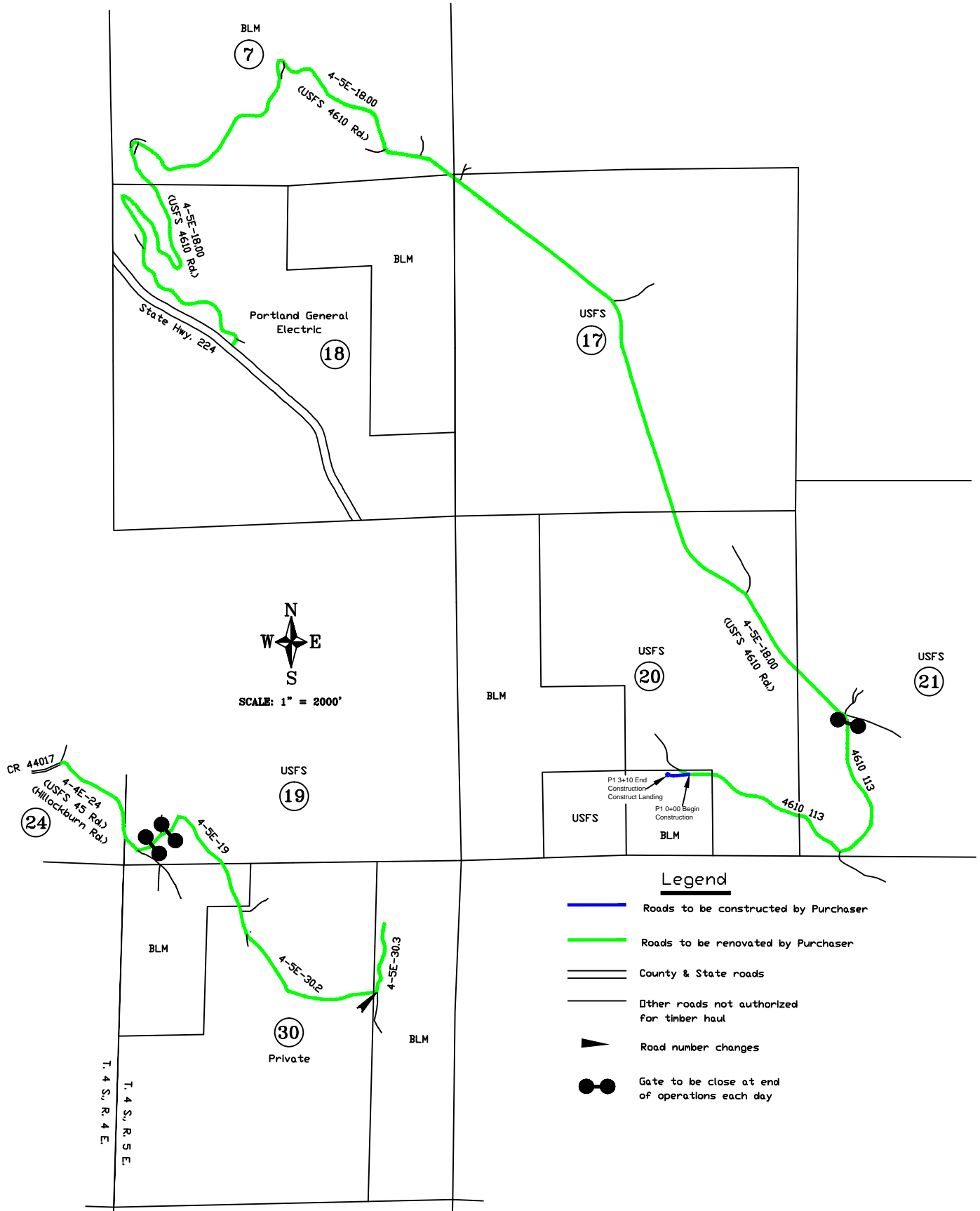
UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management

Road Plan Map

Sec 24 T. 4 S., R. 4 E., W. M.

Secs. 7, 17, 18, 19, 20, 21, 30 T. 4 S., R. 5 E., W. M.

Exhibit "C"
Little Chair Salvage
ORS04-TS-2015.0504
Page 20 of 20



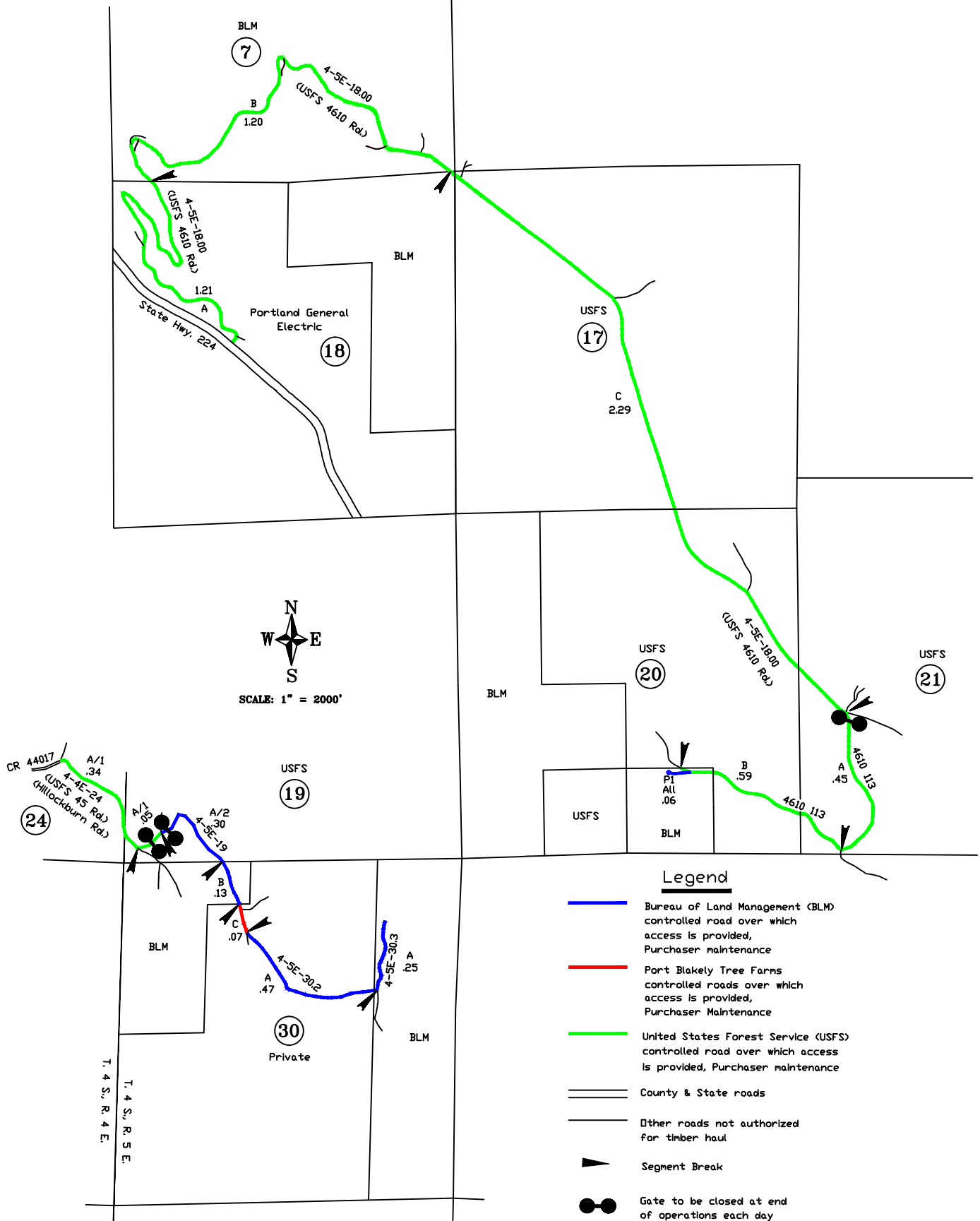
UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management

Road Use and Maintenance Map

Sec 24 T. 4 S., R. 4 E., W. M.

Secs. 7, 17, 18, 19, 20, 21, 30 T. 4 S., R. 5 E., W. M.

Exhibit "E"
Little Chair Salvage
ORS04-TS-2015.0504

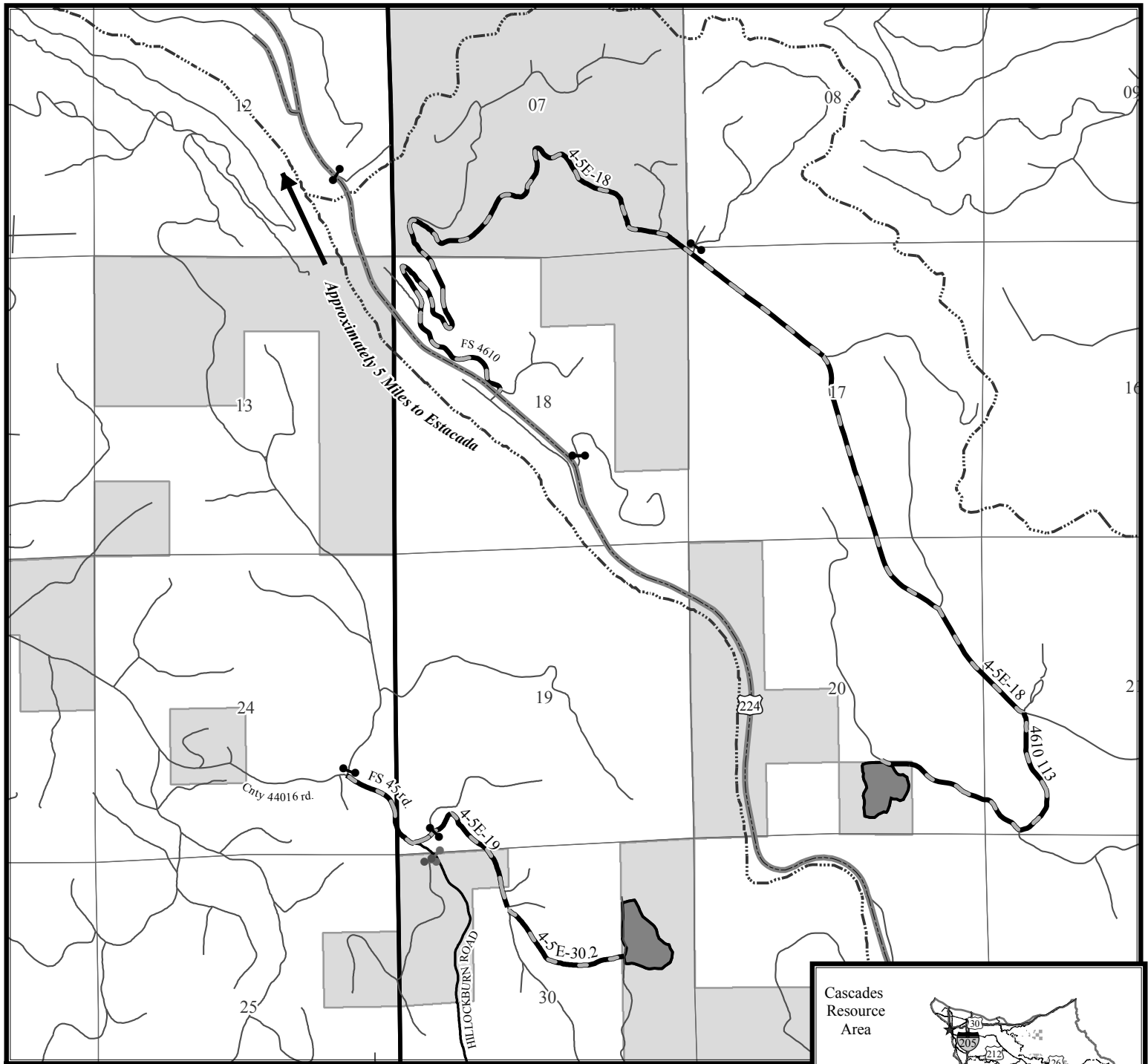


United States Department of the Interior
BUREAU OF LAND MANAGEMENT
TIMBER SALE CONTRACT LOCATION MAP

Contract No. ORS04-TS-2015.0504

5/7/2015

T.4S., R.5E., Sections 20 & 30 W. M. - SALEM DISTRICT - OREGON



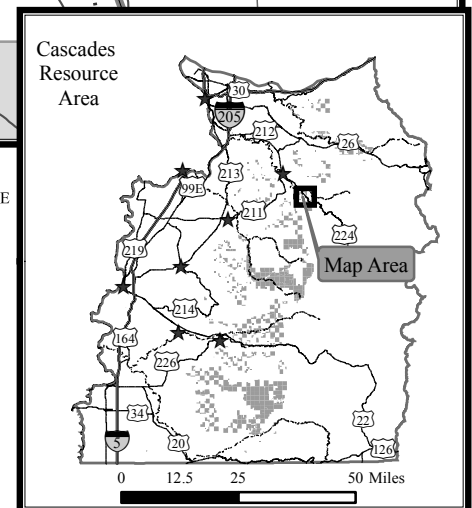
No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources and may be updated without notification.



Gate

- Open
- Closed
- Access Route
- Existing Road

- State Hwys
- Major Streams
- Unit Boundary
- Bureau of Land Management



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Timber - Sale - Summary**

Salem
Little Chair Salvage
ORS04-TS-2015.0504

Legal Description

Forest Type	Township	Range	Section	Subdivision
O&C	4S	5E	20	SW1/4SE1/4W.M.
O&C	4S	5E	30	E1/2NE1/4W.M.

Cutting Volume (16' MBF)

Unit	DF	WH							Total	Regen	Partial	ROW
1	361								361	13	0	0
2	266	170							436	15	0	0
Totals	627	170							797	28	0	0

Logging Costs per 16' MBF

Stump to Truck	\$	201.98
Transportation	\$	37.50
Road Construction	\$	14.95
Road Amortization	\$	1.64
Road Maintenance	\$	3.34
Other Allowances :		

Equipment Washing	\$ 0.94
Total Other Allowances :	\$ 0.94

Profit & Risk

Total Profit & Risk	11 %
Basic Profit & Risk	11 % + Additional Risk 0 %
Back Off	0 %

Tract Features

Avg Log	Douglas-fir : 58 bf	All : 64 bf
Recovery	Douglas-fir : 89 %	All : 89 %
Salvage	Douglas-fir : 100 %	All : 100 %
Avg Volume (16' MBF per Acre)		28
Avg Yarding Slope		45 %
Avg Yarding Distance (feet)		400
Avg Age		60
Volume Cable		100 %
Volume Ground		0 %
Volume Aerial		0 %
Road Construction Stations		3.10
Road Improvement Stations		0.00
Road Renovation Stations		388.08
Road Decommission Stations		3.10

Cruise

Cruised By	J.Poteet
Date	03/02/2015
Type of Cruise	PCM TRE
County, State	Clackamas, OR

Net Volume

Green (16' MBF)	0
Salvage (16' MBF)	797
Douglas-fir Peeler	0
Export Volume	0
Scaling Allowance (\$0.00 per 16' MBF)	\$0.00

Total Logging Costs per 16' MBF

\$ 260.35

Utilization Centers

Center #1 : Molalla OR.	30 Miles
Center #2	0 Miles
Weighted distance to Utilization Centers	30

Length of Contract

Cutting and Removal Time	18 Months
Personal Property Removal Time	1 Months

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

Salem
Little Chair Salvage
ORS04-TS-2015.0504

Stumpage Summary

Stumpage Computation (16' MBF)

Species	Trees	Net Volume	Pond Value	(-) Profit & Risk	(-) Logging Cost	(+) Marginal Log Value	(-) Back Off	Appraised Price	Appraised Value
DF	3,421	627	\$ 454.00	\$ 49.94	\$ 260.35			\$ 143.70	\$ 90,099.90
WH	366	170	\$ 380.58	\$ 41.86	\$ 260.35			\$ 78.40	\$ 13,328.00
Totals	3,787	797							\$ 103,427.90

Log Code by Percent

Species	Code #1	Code #2	Code #3	Code #4	Code #5	Code #6
Douglas-fir				48.0	45.0	7.0
Western Hemlock				60.0	39.0	1.0

Marginal Log Volume

Species	Grade #7	Grade #8
Douglas-fir		
Western Hemlock		

Appraised By : Poteet, Jeremy

Date : 03/03/2015

Area Approval By :

Date :

District Approval By :

Date :

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

Salem
Little Chair Salvage
ORS04-TS-2015.0504

Prospectus

Appraisal Method : (16' MBF)

Species	Trees	Net Volume 16' MBF	Net Volume 32' MBF	Net Volume CCF
Douglas-fir	3,421	627	509	
Western Hemlock	366	170	132	
Total	3,787	797	641	

All Species

Gross Volume	Number Trees	Avg bf Volume Per Tree	DBH	Gross Merch Volume	Merch Logs	Avg bf Gross Merch Log
891	3,787	235	15.1	874	13,635	64

Merch Logs	Cull Logs	Total Logs	Logs per Tree	Net Volume	Gross Volume	Recovery
13,635	839	14,474	3.8	797	891	89 %

Douglas-fir

Gross Volume	Number Trees	Avg bf Volume Per Tree	DBH	Gross Merch Volume	Merch Logs	Avg bf Gross Merch Log
701	3,421	204	14.4	687	11,859	58

Merch Logs	Cull Logs	Total Logs	Logs per Tree	Net Volume	Gross Volume	Recovery
11,859	677	12,536	3.7	627	701	89 %

Cutting Areas

Unit	Regen Acres	Partial Cut Acres	Right Of Way Acres	Total Acres
1	13			13
2	15			15
Totals :	28			28