



WASHINGTON STATE DEPARTMENT OF  
**Natural Resources**  
Peter Goldmark - Commissioner of Public Lands

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Olympic

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## **INVITATION TO BID**

### **Contract Number #1250**

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**Contract Digest:** Conifer Release, Ground Herbicide  
(Ground based herbicide application to reduce competition on  
planted seedlings.)

#### **SECTION I**

- Notice to All Bidders
- Instructions to Bidders

#### **SECTION II**

- Division I Bidding Requirements
- Division II General Provisions
- Division III Specifications for the Activity

#### **SECTION III**

- Unit Descriptions
- Unit Maps

#### **SECTION IV**

- Bid Form

#### **SECTION V**

- Offer and Contract Award

## SECTION I NOTICE TO ALL BIDDERS

**1.01** Bids will be received at the Department's Olympic Region office. Mailing address:

Department of Natural Resources  
Olympic Region  
411 Tillicum Lane  
Forks, WA. 98331

**1.02 Bid Opening:** Bids will be accepted at the Department's Olympic Region office until 1300 on 09/08/2009 at which time and place all bids will be opened and read aloud.

**1.03 Examination of Units:** You are invited to bid this work and are advised to examine the areas prior to bidding. Questions pertaining to unit(s) can be answered by contacting Department Representative Bill Wells at 1 (360) 640-3066 or Kevin Alexander at 1 (360) 640 - 0470.

## SECTION 2 INSTRUCTIONS TO ALL BIDDERS

**2.01 Deliver of All Requested Forms:** bid deposits, performance/damage deposits, certification of insurance, Contractor's Declaration of Industrial Insurance, and equipment and/or operator certifications when required to:

John Viada, Region Manager  
Department of Natural Resources  
Olympic Region

**2.02 Bid and Bid Deposit:** must be received at the Department's Olympic Region office prior to Bid Opening (see Notice To All Bidders, page 3).

**2.03 The Sealed Bid Envelope:** should be prepared in the following manner:

Addressed to:	John Viada, Region Manager Department of Natural Resources Olympic Region
Upper left corner:	Bidder's Address
Lower left corner:	Conifer Rel., Gr. Herbicide - "Sealed Bid" Invitation to Bid/Contract No. 1250

Questions concerning this Invitation to Bid/Contract should be referred to Department Representative Bill Wells at 1 (360) 640-3066 or Kevin Alexander at 1 (360) 640 - 0470.

## SECTION II

Division I - Bidding Requirements

Division II - General Provisions

Division III - Specifications

## SECTION II, Division I - Bidding Requirements

### 1-10 Preparation of Bids

- 1-11 Bidders are expected to examine this entire Invitation to Bid/Contract and are urged to inspect the work unit(s) prior to submission of any bid. No consideration shall be given any claim of bidding without comprehension of conditions.

### 1-20 Submission of Bids

- 1-21 Your bid response to this Invitation to Bid/Contract is an offer to contract with the Department of Natural Resources. A bid response becomes a contract when officially accepted and awarded by the department as evidenced by return of a countersigned SECTION V, "Offer and Contract Award".
- 1-22 Bids shall be submitted using the Bid Form, and the Offer and Contract Award form from SECTIONS IV and V of this document. The following shall be delivered to the Department's Region office in an envelope which shall be marked "Sealed Bid" and addressed to the Department's Region Manager as specified in Instructions To All Bidders (page 4): The Bid Form and the Offer and Contract Award form properly completed and signed, and a bid deposit as specified in Clause 1-23. No Facsimiled, E-mailed or any other non-original form of bids will be considered. Failure to comply with the above requirements or the requirements of Clause 1-23 prior to bid opening shall be cause to reject the Contractor's bid(s).
- 1-23 A bid deposit of FIVE HUNDRED DOLLARS (\$500) is required. This deposit is for the express purpose of assuring the Department that the Contractor will honor said bid and accept award of any and all items on which the Contractor may be the lowest responsible bidder. In the event the Contractor fails to honor said bid by rejecting award of any item, the Contractor will automatically forfeit the bid deposit. The bid deposit must be in the form of certified check and must be delivered to the Department's Region office as per Clause 1-22. The bid deposit of a successful bidder will be released when the required performance/damage deposit (Clause 1-31) has been submitted and approved.

### 1-30 Performance/Damage Deposit

- 1-31 Contractor agrees to furnish a performance/damage deposit in the amount of ten percent (10%) of the Contractor's total award. The deposit shall be submitted as per clause 1-45, and shall be in the form of certified check, savings account assignment, or irrevocable letter of credit acceptable to the Department. This deposit is to guarantee performance of all provisions of this contract and payment of any damages caused by operations under this contract or resulting from Contractors's noncompliance with any contract provisions or the law.
- 1-32 Bid deposits may be converted to apply to part or all of the required performance/damage deposits after successfully securing a bid.

## 1-40 Award of Contract

- 1-41 Oral explanation and interpretations prior to bid opening shall not be binding.
- 1-42 Award of contract shall be on the basis of an "Item" or an individual "Unit" as specified in the Bid Form. An "Item" shall be a specific group of individual "Units". "Items" or "Units" to be awarded are identified in the Bid Form. Individual "Units" are described in the Unit Description. The Department reserves the right to amend this Invitation to Bid/Contract by giving written notification to all bidders seven (7) days or more prior to bid opening.
- 1-43 Award of contract shall be to the lowest responsible bidder as determined by the Department of Natural Resources (Clause 1-44). To be considered, bids must conform to the bidding requirements herein, except that the Department may waive informalities and minor irregularities in bids received. The Department further reserves the right to reject any or all bids received.
- 1-44 Award is conditioned in addition to price, on the Contractor showing upon request by the Department of Natural Resources the capability of fulfilling the contract terms herein by reason of past performance, ability to complete work in the specified time, previous and existing compliance with laws relating to this contract, and the character, reputation, judgment, and experience of the bidder, and other information which may be secured and have a bearing upon award. Failure to demonstrate this capability or to conform to the contract terms herein, will nullify award on all or certain items tentatively awarded. In the event of such failure, the Department shall be the sole judge of the items to be selected for award and/or nullification of award.
- 1-45 An Award Instructions letter and a copy of the executed contract will be mailed to the successful bidder. The contract award is conditioned on the following: Within ten (10) days after the Contractor receives their Award Instructions letter the Department must receive from the Contractor the performance/damage deposit, certification of insurance, and the Contractor's Declaration of Industrial Insurance Status as specified in Clauses 1-31, 2-24 and 2-29 respectively, and furthermore the Contractor shall submit the aforementioned through the Department's Region office specified in Instructions To All Bidders (page 4). It shall be the Department's prerogative to extend the time allowed for receipt of the above items if such an extension is in the best interest of the Department. Failure by the Contractor to submit the above items to the Department within the time specified or within an extension of that time as provided for shall be cause for the Department to consider the contract award rejected (Clause 1-23).

## SECTION II, Division II - General Requirements

### 2-10 Definitions

- 2-11 Department: The Department of Natural Resources of the State of Washington, action by or through an authorized employee or agent.
- 2-12 Contractor: The person, partnership, or corporation to whom the contract is awarded.

### 2-20 Responsibilities and Legal Relations

- 2-21 The Contractor shall abide by and comply with all the laws and regulations of the United States, State of Washington and counties wherein the work is executed insofar as they affect his/her contract. The Contractor will make any payments, contributions, remittances and all reports and statements required under said laws.
- 2-22 The Contractor shall, without additional expense to the Department, obtain all required licenses and permits necessary for executing provisions of his/her contract with the Department.
- 2-23 The Contractor shall save harmless the State of Washington, the Department, their officers, agents and employees from any and all claims for damages, injuries to persons or property that may occur as a result of the performance of the Contractor, agents or employees in connection with this contract.
- 2-24 The Contractor shall have and maintain for the life of the contract, liability insurance covering each motor vehicle operating hereunder with limits not less than \$1,000,000 of personal injury and property damage. The Department shall be supplied with a certificate of insurance coverage, as per Clause 1-45.
- 2-25 The Contractor shall abide by and comply with all laws and regulations of the United States, State of Washington and counties wherein the work is executed insofar as they affect the safety, health and welfare of any and all employees.
- 2-26 In the event of legal conflict, the Contractor agrees to submit to the jurisdiction of the courts of the State of Washington and further agrees the venue shall be laid in Thurston County.
- 2-27 The State is not liable for delay or nonshipment of supplies and materials or for delay or nonperformance of its obligations if occasioned by war, civil commotions, strikes, lockouts or labor disturbances.
- 2-28 For all active work sites the Contractor shall provide a contract representative who shall be on the site and responsible for directing the contracted activities of that site. The Contractor shall designate the contract representative(s) in writing at the time of the prework conference (Clause 2-71).
- 2-29 The Contractor shall complete and submit to the Department a Contractor's Declaration of Industrial Insurance Status form; the form shall be submitted as per Clause 1-45. A Contractor's Declaration of Industrial Insurance Status form will accompany the Award Instructions letter.

### 2-30 Subcontracting

- 2-31 The Contractor shall not, without written approval from the Department enter into any subcontract or assignment of contract relating to the performance of this contract.
- 2-32 All laws and regulations applicable to the contract also apply to all subcontracts.

## 2-40 Determination of Payment

- 2-41 The boundaries as designated under Clause Section 2-100, and defined in detail on the Unit Description attached, provide the basis for determining acreage completed. Failure to complete work to boundaries established by the Department renders work unsatisfactorily completed. The Contractor is to take the initiative in determining whether boundaries are sufficiently marked. No consideration will be given for work that extends beyond unit boundaries. If work extends beyond unit boundaries, charges may be levied against the Contractor by the Department for damages suffered.
- 2-42 Contract compliance inspection of work performed and payment for work performed will be based on acreage completed (Clause 2-41).
- 2-42.01 Using specifications contained in Clause Section 3-20 and in the Unit Description the Department representative will inspect and determine if work performed is satisfactory.
- 2-43 The Department may at its option subdivide and inspect units to determine the acceptability of work performed. Subdivisions for this purpose will be a minimum of ten (10) acres in size.
- 2-44 At the Department's option, the Contractor shall rework a unit or subdivision of a unit on which the Contractor's work performance is not rated satisfactory, and further, it shall be the Department's option to require the rework be completed prior to starting new work. Reworked areas will be reexamined for contract compliance, the resulting performance rating will supersede the previous performance rating for the area in question.
- 2-45 Payment shall be made as follows:
- 2-45.01 Payment may be made by the month, unit or by one total payment. Details of payment schedule will be determined in the prework conference (Clause 2-71). The Department will attempt to comply with the desires and needs of the Contractor but assumes no legal duty or obligation to adhere to the schedule of payment so arranged.
- 2-45.02 Partial payment may be made upon completion of part of a unit as determined by the Department. Request for partial payment is to be made by the Contractor utilizing the Contractor's Billing Invoice and Compliance Report provided by the Department. The Contractor or contract representative (Clause 2-28) shall sign the Contractor's Billing Invoice and Compliance Report after completion of each such "sub-unit" being submitted for payment. The Department Representative will then make payment recommendations for the invoice and forward the Contractor's Billing Invoice and Compliance Report to the Department's Region office for processing.
- 2-45.03 The Contractor or contract representative (Clause 2-28) and the Department representative shall sign the Contractor's Billing Invoice and Compliance Report form at the conclusion of work on each unit. Final payment will not be made to the Contractor unless the Contractor's Billing Invoice and Compliance Report form are signed by the Contractor or contract representative and the Department representative, and "final" payment is designated thereon.
- 2-45.04 If a unit's contract acreage is disputed the Contractor may upon completion of the unit request a verification traverse by the Department, the request must be in writing and signed by the Contractor. The Department will pay the Contractor based on acres determined from the verification traverse. If the verification traverse indicates the net acres specified in the Unit Description are correct within plus or minus five percent (5%) the Contractor shall pay the cost of the verification traverse at a rate of ten dollars (\$10.00) per one hundred (100) feet of traversed boundary.

## 2-40 Determination of Payment (continued)

- 2-45.05 Five percent (5%) of all payments due Contractors who employ workers shall be retained by DNR as security for L&I industrial insurance premiums owed for their workers. Upon determination that the Contractor has met all financial obligations for industrial insurance premiums related to the Item(s) of this Contract, the 5% retainage will be returned to the Contractor. DNR will return this retainage approximately 45 days following close of the quarter in which the work was completed. However, if the Contractor notifies DNR in writing that they have paid all L&I premiums associated with the Item(s) of this Contract, DNR will, upon determination that the Contractor has met all financial obligations for industrial insurance premiums related to the Item(s) of this Contract, work diligently to return the retainage as soon as practical.

## 2-50 Nondiscrimination

- 2-51 Except to the extent permitted by a bona fide occupational qualification the Contractor agrees as follows:
- 2-51.01 The Contractor shall not discriminate against any employee or applicant for employment because of race, creed, national origin, sex or age. The Contractor will insure that applicants are employed and that employees are treated during employment without regard to race, creed, color, national origin, sex or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training.
- 2-51.02 The Contractor shall, in all solicitations for employees or job orders for employees placed with any employment agency, union or other firm or agency, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, national origin, sex or age. The words "equal opportunity employer" in advertisements shall constitute compliance with this section.
- 2-51.03 The Contractor shall send to each labor union or representative of workers with which the Contractor has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union, or worker's representative of the Contractor's commitments under this section.
- 2-51.04 The Contractor shall include the provisions of the foregoing paragraphs: 2-51.01, 2-51.02 and 2-51.03 in every subcontract or purchase order for the goods or services which are the subject matter of this contract.
- 2-52 In the event of noncompliance by the Contractor with any of the nondiscrimination provisions of the contract, the Department shall have the right, as its option, to cancel the contract in whole or in part. The Contractor shall be paid only for that work performed prior to cancellation of the contract and in accordance with provisions of the contract (Clause Section 2-40). In the event the Department suffers damages resulting from such noncompliance the Contractor shall be liable.

## 2-60 Contract Administration

- 2-61 The Department will select representative(s) to enforce compliance of the contract as required in all specifications and to make recommendations for payment.

## 2-70 Contract Work Procedure

- 2-71 The Contractor shall attend a prework conference prior to commencing contract work (see Clauses 2-28, 2-45.01 and 2-72). The time and place of the prework conference shall be determined by the Department, the Contractor will be notified of the time and place when the contract is awarded. When considered practical by the Department the time and/or place of the prework conference may be altered if requested in writing by the Contractor.

## 2-70 Contract Work Procedure (continued)

- 2-72 A work schedule is required from the contractor. The work schedule shall be set at the prework conference (Clause 2-71) and must be acceptable to the Department. To be acceptable the work schedule must be practicable: The work schedule must identify the latest date by which the Contractor agrees to commence contract work on each unit awarded. The work schedule must allow a reasonable time period for the work to be completed according to contract requirements herein, and further, if more than one unit has been awarded the work schedule must indicate the sequence in which the units will be worked by the Contractor. If for any reason during the contract period the Contractor's work schedule is no longer viable, the Contractor must submit a revised work schedule for Department approval.
- 2-73 The Contractor shall obtain written permission to begin work on a unit. Such permission shall be applied for through the Department's Region office listed in the Notice To All Contractors section of the contract. Permission requests will require a minimum of two working days to process. The Department at its option may require person-to-person discussions between the Contractor and selected Department representatives prior to granting the required written permission. In the event the Contractor stops work for a period of one (1) week or more, or if the initial start-up is delayed by one (1) week or more the Contractor must reapply for permission to begin work.
- 2-74 Work shall only proceed on regular Monday through Friday work days. If allowed, work on weekends or designated State holidays will require written permission from the Department.

## 2-80 Work Progress and Contract Performance

- 2-81 The Contractor shall begin work as per the work schedule (Clause 2-72) and in accordance with contract requirements herein (see Clauses 1-45, 2-71, 2-73 and 2-74). The Contractor shall work diligently and complete the unit(s) within the contract period specified in the Unit Description. As units are sequenced in the work schedule, work started on one unit must be completed prior to beginning work on the next.
- 2-82 The Department reserves the right to modify or cancel this contract in part or whole without cause. The Contractor shall be paid only for that work performed prior to cancellation of the contract and in accordance with provisions of the contract (Clause Section 2-40).
- 2-83 Nonperformance or unsatisfactory performance or willful violation of contract requirements by the Contractor shall constitute breach of contract and the Department may at its sole option extend the contract and collect liquidated damages or terminate the contract with forfeiture of the performance/damage deposit or declare breach of contract and make claim for actual damages suffered by the Department.

## 2-90 Fire Responsibility

- 2-91 The Contractor and the Contractor's employees shall familiarize themselves with the Washington State Forest Fire Protection Requirements and adhere to them at all times. The operation will be subject to inspection by State personnel for adherence to regulations and presence of fire tools. All spark emitting engines will be equipped with approved spark arresters.
- 2-92 The Contractor shall not operate faulty power equipment.
- 2-93 The Contractor shall not build any open fires at anytime of the year on the contract area without first obtaining written permission from the Department.

## 2-100 Boundaries

- 2-101 The boundaries except for easily identified ground features have been plainly marked with colored plastic flagging.

2-102 Net acreage as indicated in the Unit Description was measured on the horizontal plane. Large openings, roads, and buffer zones have been deducted from the gross acreage and are designated on the unit map.

#### 2-110 Merchantable Products

2-111 This contract, unless specifically amended, in no way permits the contractor to remove merchantable or potentially merchantable products from the operating area for the purpose of sale or use. Contractors wanting to remove Christmas trees, boughs, brush pickings, decorative shrubs, or trees, firewood, poles, posts and other merchantable or potentially merchantable material from Department managed land must enter into a separate agreement with the Department.

#### 2-120 Litter and Refuse

2-121 Litter and/or refuse brought into operating areas or campsites and rest areas used by the contractor or employees, shall be removed from the premises and disposed of in garbage disposal areas meeting all State, county, and local requirements. Such litter will include refuse resulting from equipment maintenance, abandoned equipment and containers and other expended materials.

#### 2-130 Camping

2-131 Use of State owned lands, landings, roads, and Department campgrounds by the Contractor or the Contractor's employees for the purpose of lodging, parking, or camping done in connection with operation is permitted only at the express approval of the Department and may be revised or revoked for cause at any time. Camping restrictions or requirements such as chemical toilets and garbage can, but not limited thereto, may be imposed at the option of the Department.

## SECTION II, Division III - Specifications

### 3-10 Unit Description

- 3-11 The Unit Description details the characteristics and specific work requirements for each unit.
- 3-12 If specific requirements of the Unit Description conflict with the specifications in this division of the contract, the specific requirements of the Unit Description will prevail.

### 3-20 Contractor and Department Obligations

- 3-21 The Contractor shall be responsible for the following:
  - 3-21.01 To provide all herbicide and carrier required to perform contract work as specified in the Unit Description(s).
  - 3-21.02 To provide liquid coloring agent if specified in the Unit Description(s). Liquid coloring agent shall be "BullsEye" (blue or red) manufactured by Milliken Chemicals; an equivalent product may be substituted if approved in writing by the Department.
  - 3-21.03 Upon request, provide a sample of the herbicide solution being applied as treatment.
  - 3-21.04 To keep records of each day's application work. The records to be kept shall be as per the Department's "Chemical Application Record". The Contractor shall provide the Department with such records prior to payment for work completed, or at any time earlier if requested by the Department.
  - 3-21.05 To bear all costs of operation not specifically furnished by the Department under Clause Section 3-22.
  - 3-21.06 To provide a licensed Commercial Operator or Applicator on the work site when herbicide is being applied.
  - 3-21.07 To provide all workers adequate crew supervision and serviceable equipment to satisfactorily accomplish treatment of acres described in the Unit Description.
  - 3-21.08 To furnish all safety equipment.
  - 3-21.09 To mix and apply herbicide on site as per the Unit Description(s).
  - 3-21.10 To keep herbicide from contacting conifer trees.
  - 3-21.11 To identify treatment strips, spots, stems, or clumps with semi-permanent marker.
  - 3-21.12 To properly dispose of all herbicide solutions, residues and empty containers.
  - 3-21.13 To cease operations when:
    - a) wind exceeds twelve (12) miles per hour, or
    - b) air temperature is less than 40EF or greater than 85EF, or
    - c) rainfall causes water to run down stems of target plants, or
    - d) the Department's representative determines spray conditions are unsuitable.

3-20 Contractor and Department Obligations (continued)

3-21.14 To refrain from applying herbicide to Department designated buffer area.

3-22 The Department shall be responsible for the following:

3-22.01 To provide maps, photos or other data necessary to orient the Contractor.

3-22.02 To provide a Department representative to acquaint the Contractor with the unit(s) and to conduct periodic field inspections.

3-30 General Specifications

3-31 Any debris or soil deposited in ditches, culverts, or roadways shall be removed immediately.

3-32 Activities that will result in excessive deterioration of ditches, culverts, or roadways shall be avoided.

3-33 Any legal land subdivision survey corners and/or witness objects are to be preserved. If destroyed or disturbed such points shall be re-established by a licensed land surveyor in accordance with the U.S. General Land Office Standards.

## SECTION III

Unit Descriptions

Unit Maps

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Ozette**

Local **Upper Sol**

Unit Name **32 Studebaker U3 - 32894**

Item Number **1**

Unit Number: **1**

Section **28**, Township **30**, Range **10**, W.M.

Trust **10**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **5**

See unit map on page 16,17.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Everlasting Pea**

Generic Name	Active Ingredients
Herbicide <b>Clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid, monoethanolamine salt</b>	<b>3 lb/gal</b>
Carrier <b>Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one (1) pint per acre Transline specialty herbicide, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **957-1003**

Slope **flat**

Aspect **flat**

Trade Name(s) for Required Herbicide **Transline specialty herbicide**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Ozette**

Local **Upper Sol**

Unit Name **32 Studebaker U4 - 32896**

Item Number **1**

Unit Number: **2**

Section **28**, Township **30**, Range **10**, W.M.

Trust **10**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **10**

See unit map on page 16,17.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Everlasting Pea**

Generic Name	Active Ingredients
Herbicide <b>Clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid, monoethanolamine salt</b>	<b>3 lb/gal</b>
Carrier <b>Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one (1 ) pint per acre Transline specialty herbicide, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **957-1003**

Slope **flat**

Aspect **flat**

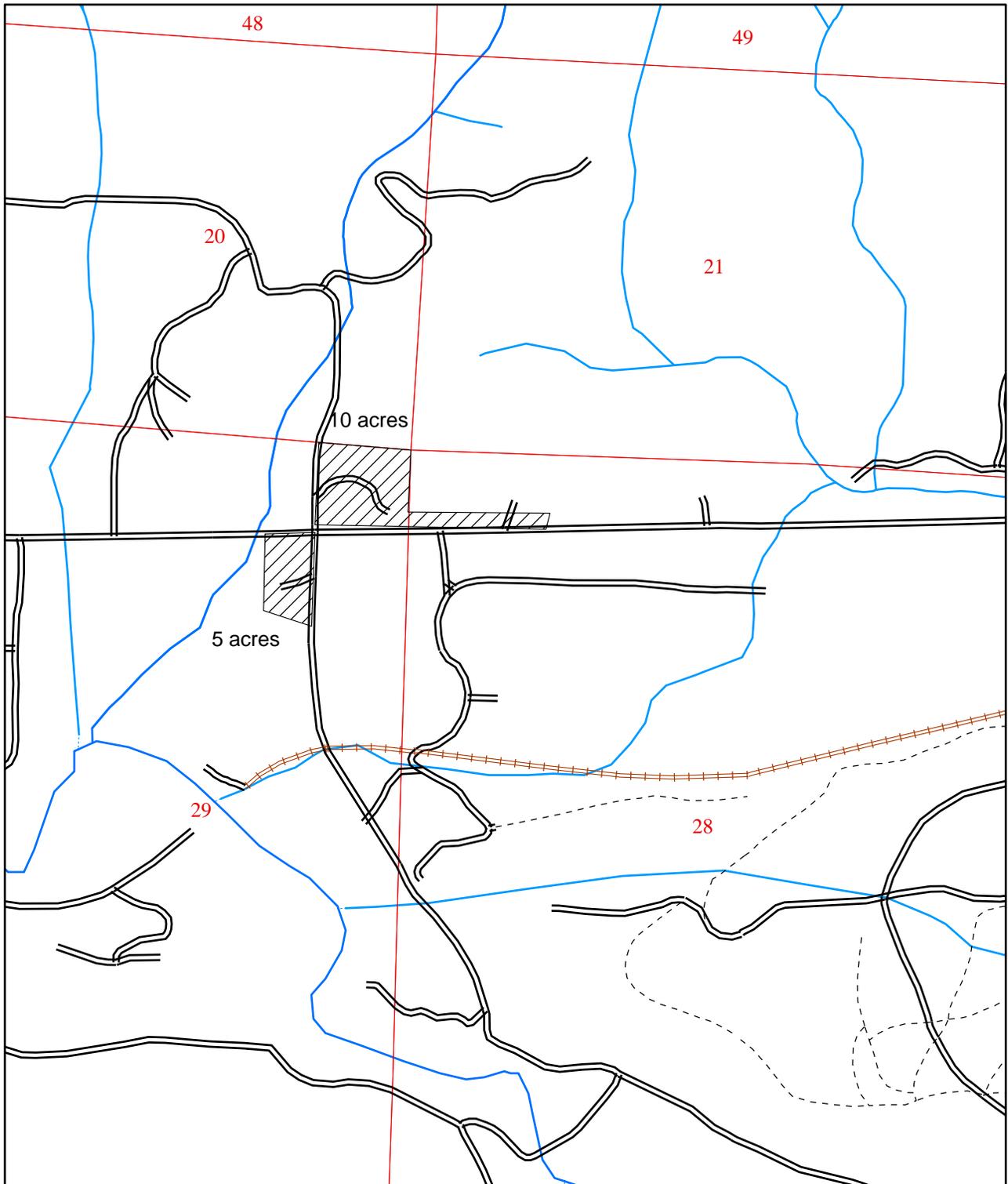
Trade Name(s) for Required Herbicide **Transline specialty herbicide**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

# Conifer Release Unit Map

32 Studebaker U3/4

15 total acres



1:12,000

## Legend

 treatment area

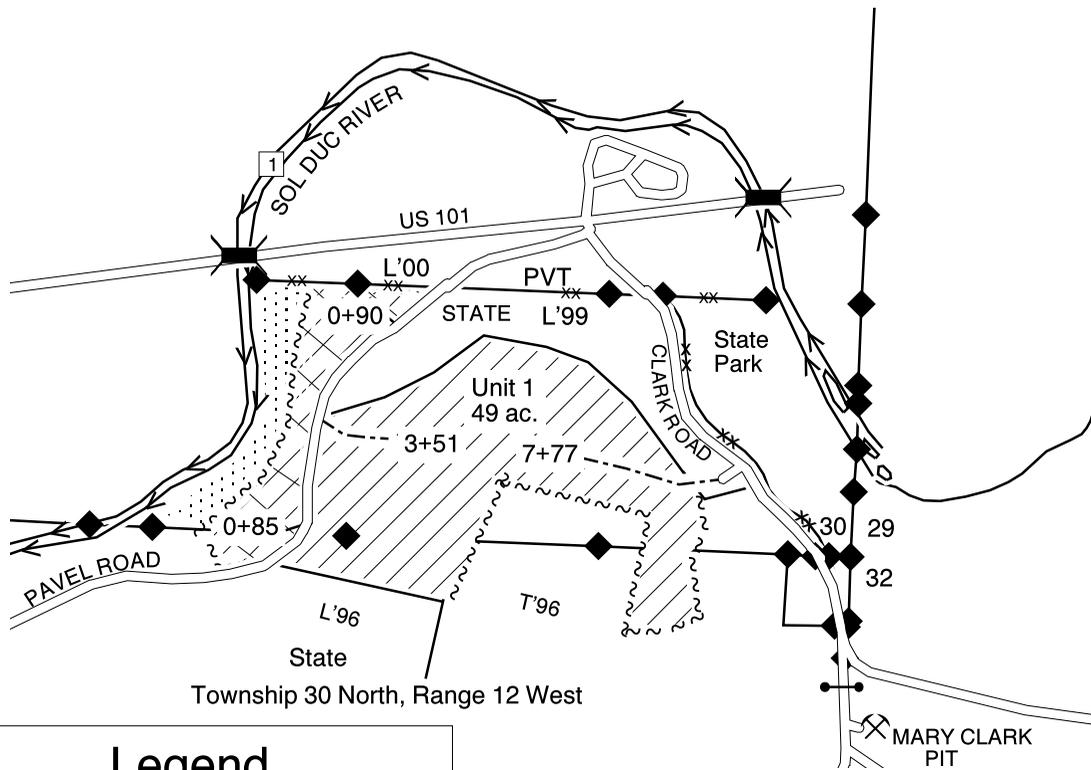
 Streams



**TIMBER SALE MAP**

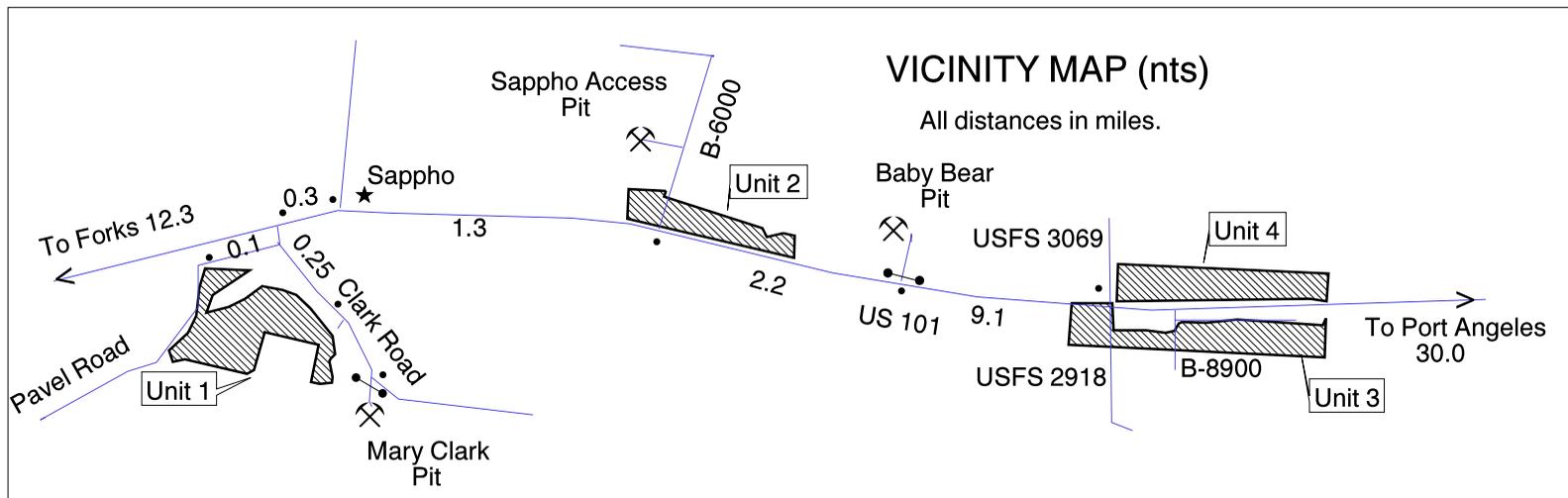
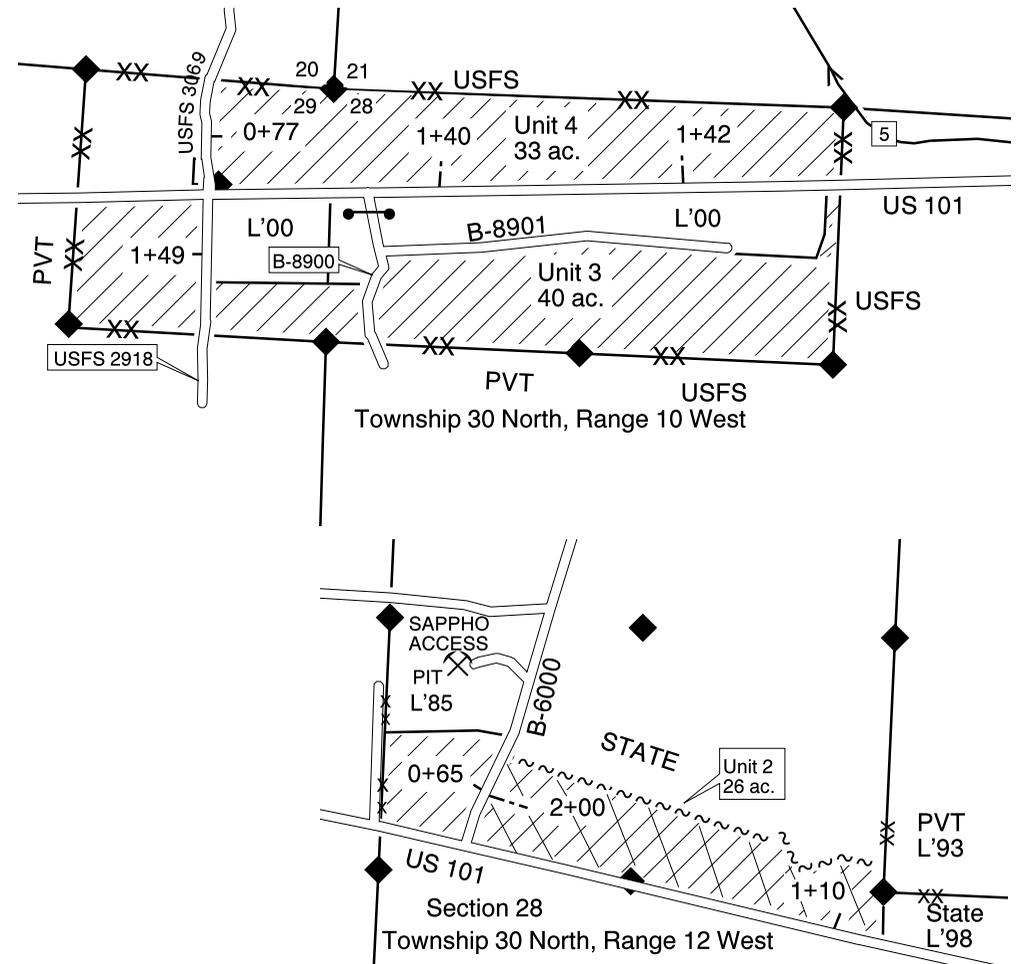
**SALE NAME:** 32 Studabaker  
**AGREEMENT NO.:** 30-73462  
**TRUST(S):** Forest Board Transfer, Scientific, and School

**REGION:** Olympic  
**COUNTY(S):** Clallam



**Legend**

- ~~~~~ Sale Boundary Tags
- Logged Area Boundary Or Property Line
- x-x-x- Management Line
- [Diagonal Hatching] Shovel/Cable/ Tracked Skidder
- [Cross Hatching] Timing Restriction Area
- [Dotted Pattern] RMZ
- ==== Existing Road
- - - - Optional Construction
- Streams
- [Box with 3] Water Type
- [X in Circle] Rock Pit
- [Bridge Symbol] Bridge
- L'00 Logged/Year
- T'96 Thinned/Year
- ◆ Survey Corner



**Drawn By:** J. Bleck  
**Date:** October 29, 2001  
**Scale:** 1" = 1000'



SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Ozette**

Local **Upper Sol**

Unit Name **Whiteline Fever U2 - 32892**

Item Number **1**

Unit Number: **3**

Section **25**, Township **30**, Range **11**, W.M.

Trust **07**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **30**

See unit map on page 19,20.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Everlasting Pea**

Generic Name	Active Ingredients
Herbicide <b>Clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid, monoethanolamine salt</b>	<b>3 lb/gal</b>
Carrier <b>Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one (1 ) pint per acre Transline specialty herbicide, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **853-952**

Slope **1-10%**

Aspect **NA**

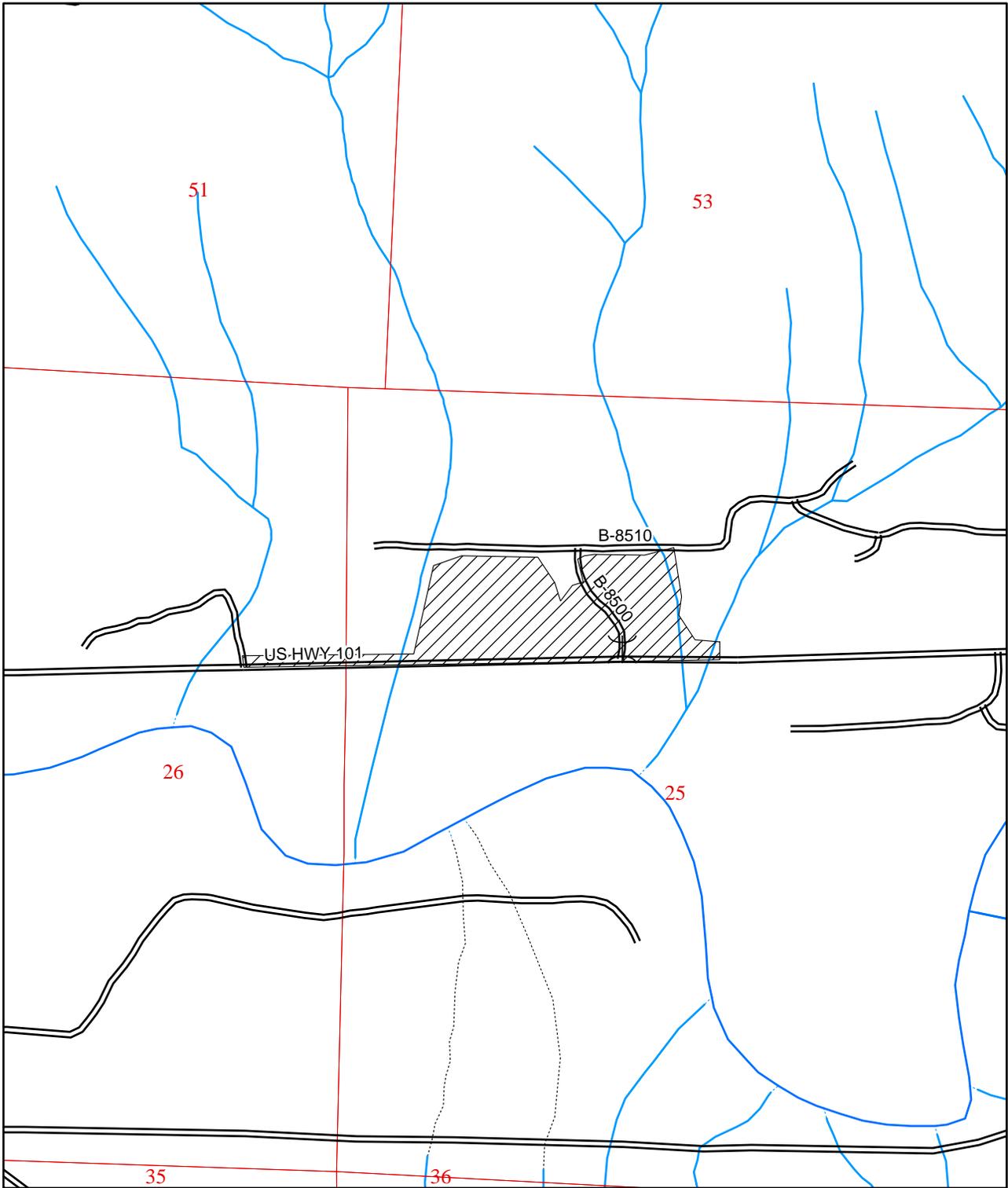
Trade Name(s) for Required Herbicide **Transline specialty herbicide**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

# Conifer Release Unit Map

Whiteline Fever U2

30 Total Acres



1:12,000

## Legend

-  treatment area
-  Roads
-  Gate
-  Streams

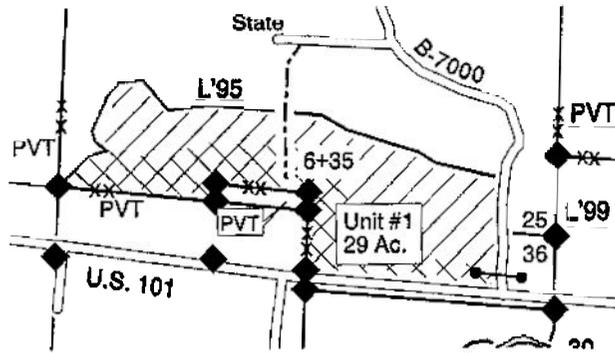


# TIMBER SALE MAP

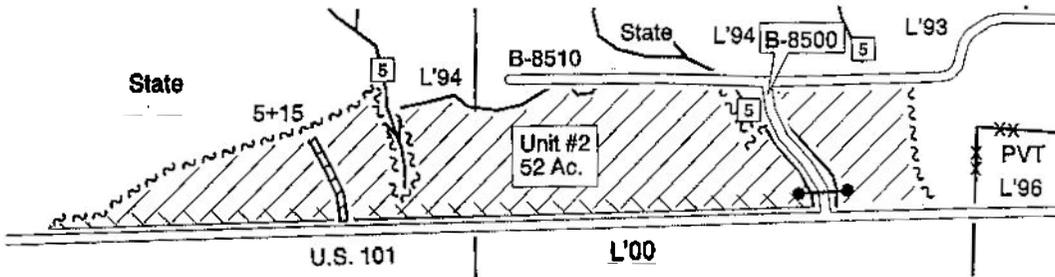
SALE NAME: Whiteline Fever  
 AGREEMENT NO: 30-073236  
 TRUST(S): Forest Board Transfer, School, Capitol Building, and Scientific

REGION: Olympic  
 COUNTY(S): Clallam

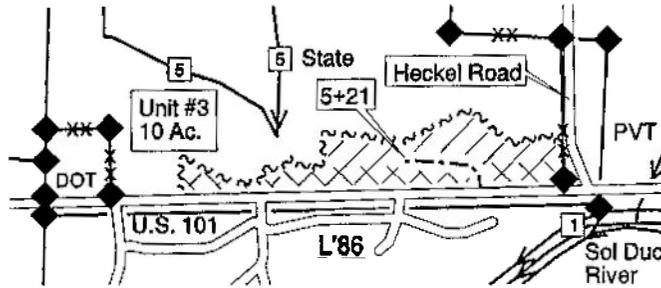
## Township 30 North, Range 12 West, W.M.



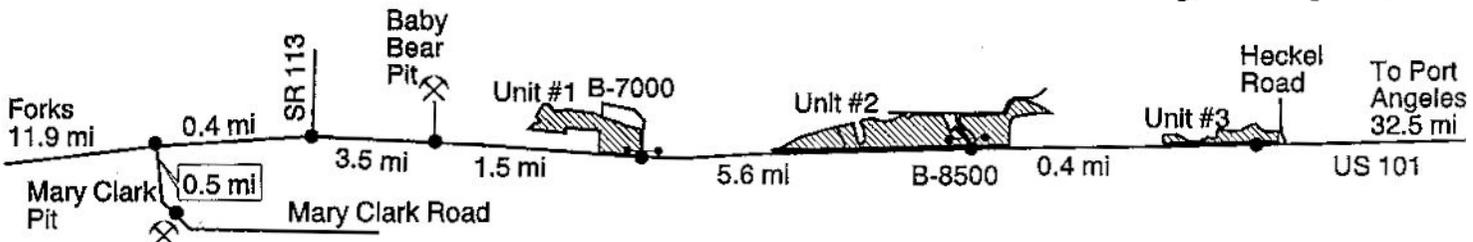
## Sections 25 and 26, Township 30 North, Range 11 West, W.M.



## Section 30, Township 30 North, Range 10 West, W.M.



## Vicinity Map (NTS)



## Legend

- |  |                     |  |                         |  |                 |
|--|---------------------|--|-------------------------|--|-----------------|
|  | Sale Area           |  | Existing Road           |  | Rock Pit        |
|  | Slash Pullback Zone |  | Required Reconstruction |  | Water Type      |
|  | Sale Boundary Tags  |  | Optional Construction   |  | Survey Monument |
|  | Property Line       |  | Streams                 |  | Gate            |

Drawn By: J. Garstang  
 Date: September 14, 2001, revised January 10, 2002  
 Scale: 1" = 1000'

500 0 500 Feet

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Coast**

Local **Humptulips**

Unit Name **Bustin Hump U1 - 20450**

Item Number **1**

Unit Number: **4**

Section **16**, Township **19**, Range **9**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **9**

See unit map on page 27.29

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Cascarra, Vine Maple, Elderberry, Salmonberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
<b>Isopropylamine salt of Imazapyr</b>	<b>4.0 lbs/gal</b>
<b>Sulfometuron methyl</b>	<b>75% by weight</b>
<b>Carrier Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2 ) quarts per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **166 - 237**

Slope **5 – 21%**

Aspect **East**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed. Access from Greenwood Rd. by walking across RMZ.**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Coast**

Local **Humtulpis**

Unit Name **Bustin Hump U2 - 30261**

Item Number **1**

Unit Number: **5**

Section **16**, Township **19**, Range **9**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **16**

See unit map on page 27.29.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Cascarra, Vine Maple, Elderberry, Salmonberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
<b>Isopropylamine salt of Imazapyr</b>	<b>4.0 lbs/gal</b>
<b>Sulfometuron methyl</b>	<b>75% by weight</b>
<b>Carrier Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2) quarts per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **152-239**

Slope **1-27%**

Aspect **West**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed. Upper Road accessing the top of the unit is tank trapped 300 ft from unit.**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Coast**

Local **Humptulips**

Unit Name **Bustin Hump U3 - 30262**

Item Number **1**

Unit Number: **6**

Section **16**, Township **19**, Range **9**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **21**

See unit map on page 27.29.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Cascarra, Vine Maple, Elderberry, Salmonberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
<b>Isopropylamine salt of Imazapyr</b>	<b>4.0 lbs/gal</b>
<b>Sulfometuron methyl</b>	<b>75% by weight</b>
<b>Carrier Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2) quarts per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **191-269**

Slope **0-16%**

Aspect **SW**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed. Road accessing unit is tank trapped at stream crossing immediately before unit begins.**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Coast**

Local **Humtulpis**

Unit Name **Bustin Hump U4- 60331**

Item Number **1**

Unit Number: **7**

Section **16**, Township **19**, Range **9**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **12**

See unit map on page 27.29.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Cascarra, Vine Maple, Elderberry, Salmonberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
<b>Isopropylamine salt of Imazapyr</b>	<b>4.0 lbs/gal</b>
<b>Sulfometuron methyl</b>	<b>75% by weight</b>
 Carrier <b>Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2 ) quart per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **212-251**

Slope **0-17%**

Aspect **West**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed. Gate on FR-Y-4221 located at junction with Greenwood Rd. is locked for viewing, access will be made available for spray operation. Spur accessing the unit is tank trapped at the main road immediately before the unit.**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Coast**

Local **Humtulpis**

Unit Name **Bustin Hump U5- 60332**

Item Number **1**

Unit Number: **8**

Section **16**, Township **19**, Range **9**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **35**

See unit map on page 27,29.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Cascarra, Vine Maple, Elderberry, Salmonberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
<b>Isopropylamine salt of Imazapyr</b>	<b>4.0 lbs/gal</b>
<b>Sulfometuron methyl</b>	<b>75% by weight</b>
 Carrier <b>Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2) quart per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **146-247**

Slope **0-35%**

Aspect **West**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed. Gate on FR-Y-4221 located at junction with Greenwood Rd. is locked for viewing, access will be made available for spray operation. Spurs heading south into unit are tank trapped at junction with FR-Y-4221**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Coast**

Local **Humptulips**

Unit Name **Bustin Hump U6- 33049**

Item Number **1**

Unit Number: **9**

Section **36**, Township **20**, Range **11**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **27**

See unit map on page 28,29.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Salmonberry, Vine Maple, Cascarra, Elderberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
<b>Isopropylamine salt of Imazapyr</b>	<b>4.0 lbs/gal</b>
<b>Sulfometuron methyl</b>	<b>75% by weight</b>
<b>Carrier Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2) quarts per acre Accord Concentrate®, three(3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **94-152**

Slope **0-21%**

Aspect **Flat to East**

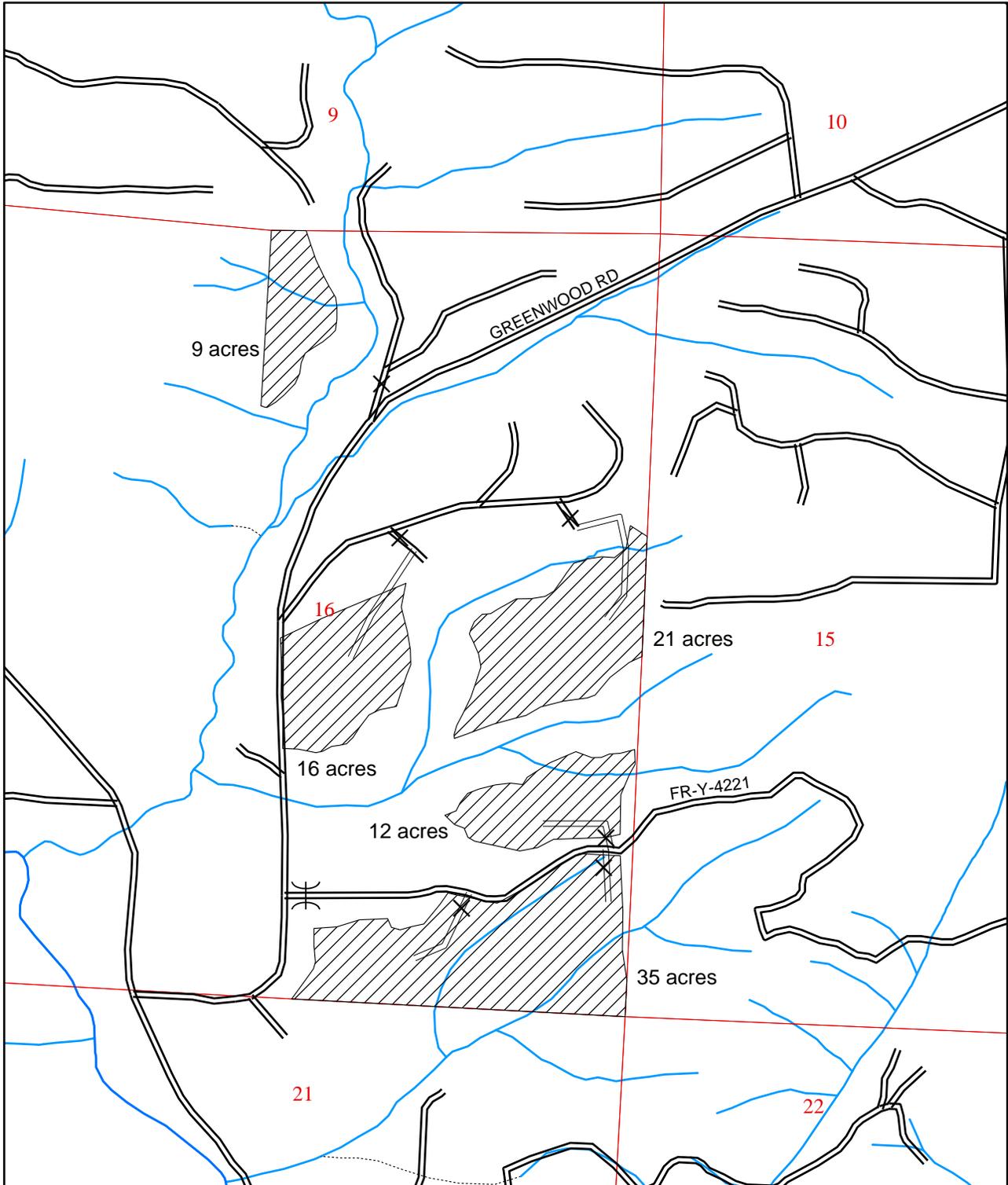
Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

# Conifer Release Unit Map

Bustin Hump U1-5

93 Total Acres



## Legend

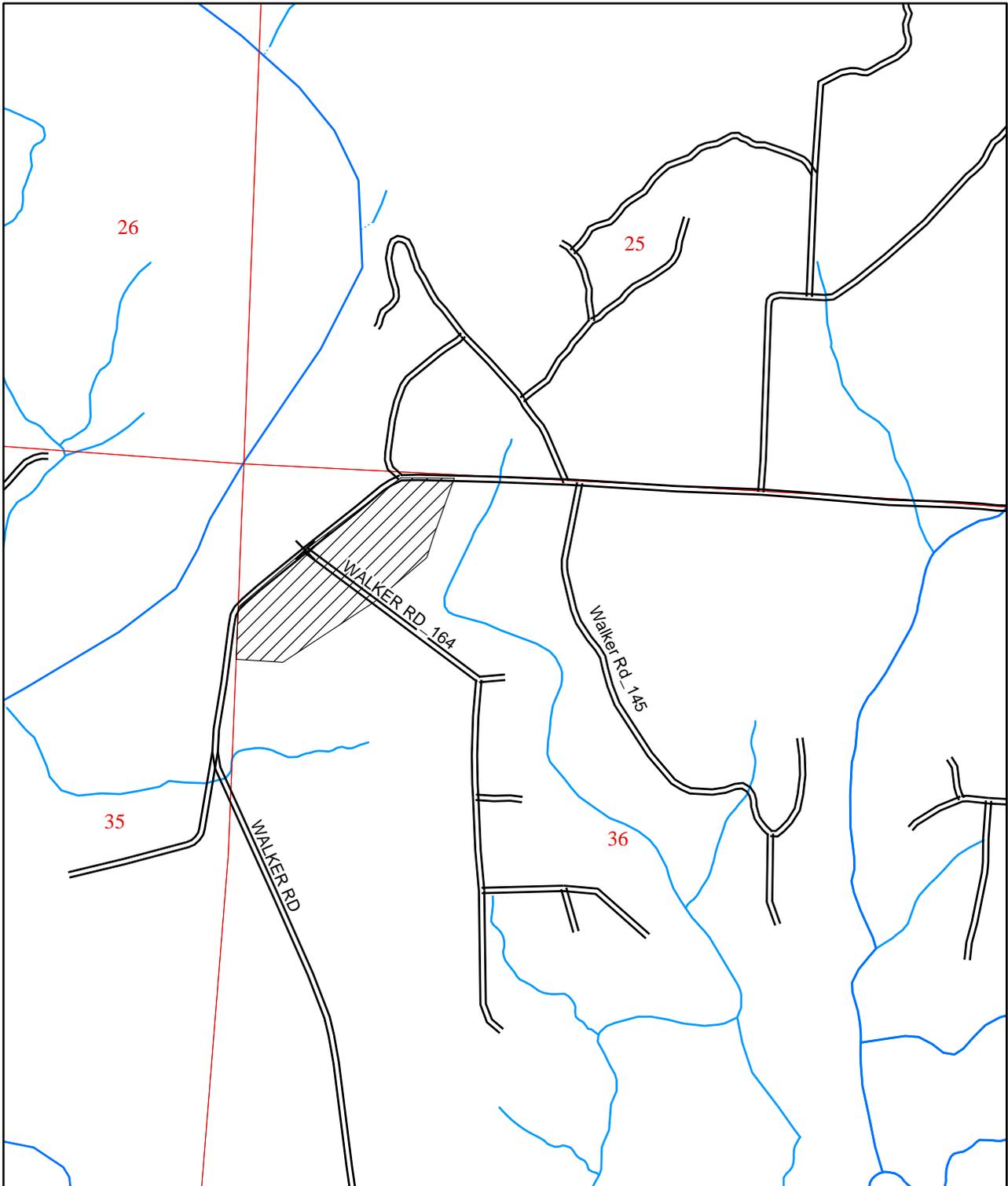
-  Treatment Area
-  Roads
-  Gate
-  Road Block
-  Streams

1:12,000



# Conifer Release Unit Map

Bustin Hump U6  
20 Total Acres



1:12,000

## Legend

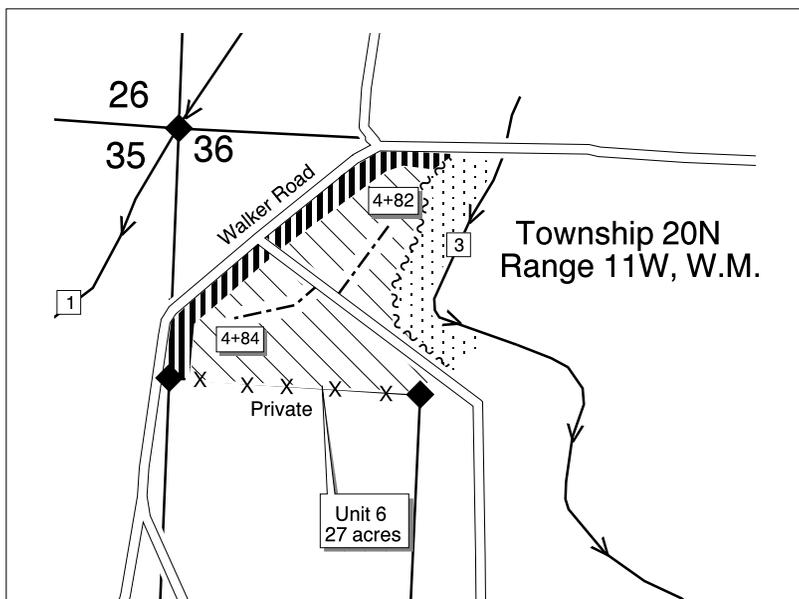
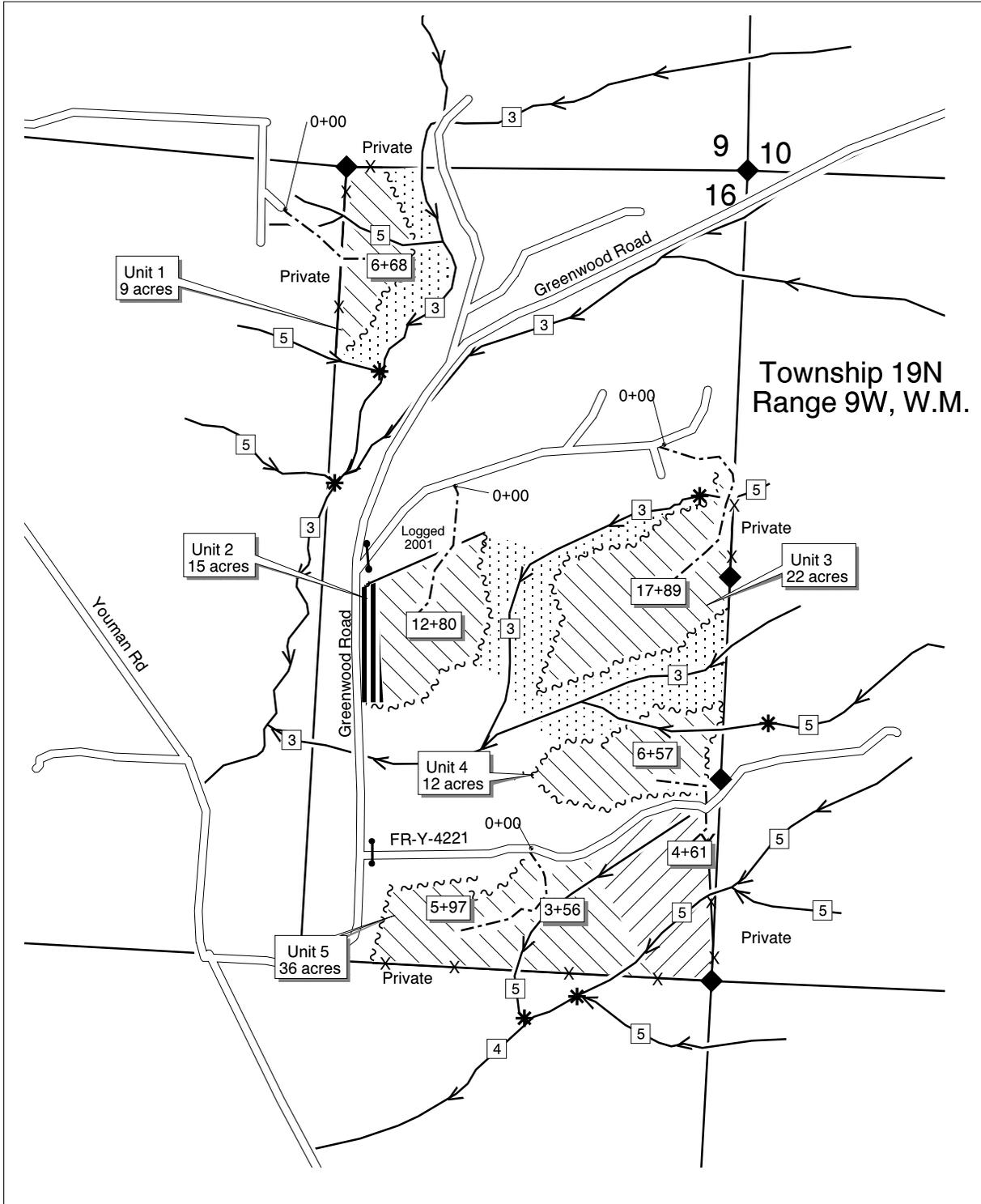
-  treatment area
-  Road Block
-  Streams



# TIMBER SALE MAP

**SALE NAME:** BUSTIN HUMP  
**AGREEMENT NO:** 30-077407  
**TRUST(S):** Common School/Scientific School

**REGION:** Olympic  
**COUNTY(S):** Grays Harbor



### Legend

- ~~~~~ Timber Sale Boundary Tags
- ✕-✕ Property Lines
- Existing Road
- - - Optional Construction
- ▨ Cable
- ▧ Shovel
- ⋯ RMZ
- ▩ Extreme Hazard Abatement
- Streams
- 3 Stream Type
- \* Stream Type Break
- ◆ Survey Monument
- Existing Gate

Drawn By: M. Helms  
 Date: May 16, 2005  
 Scale: 1" = 1000'

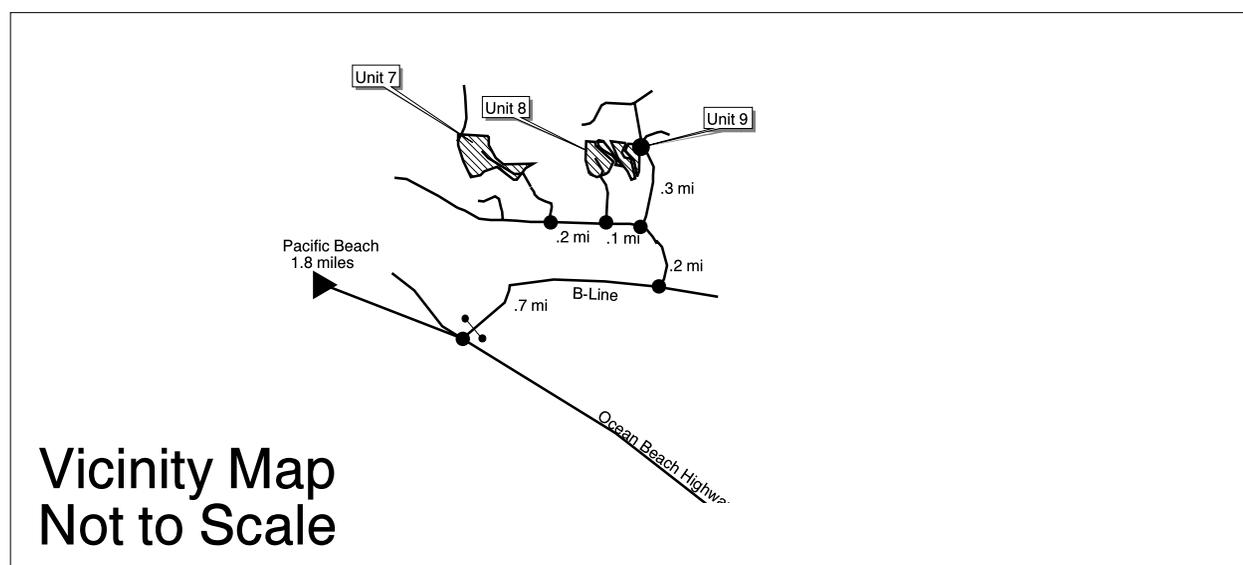
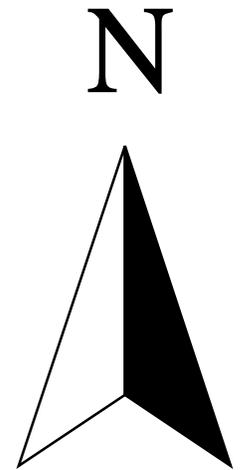
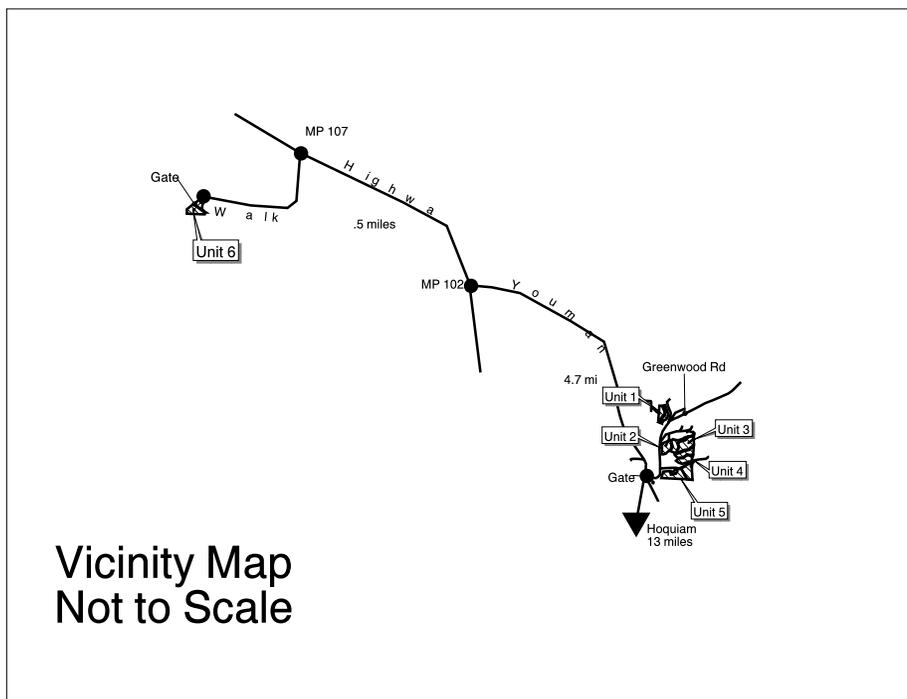
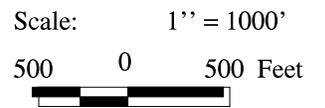
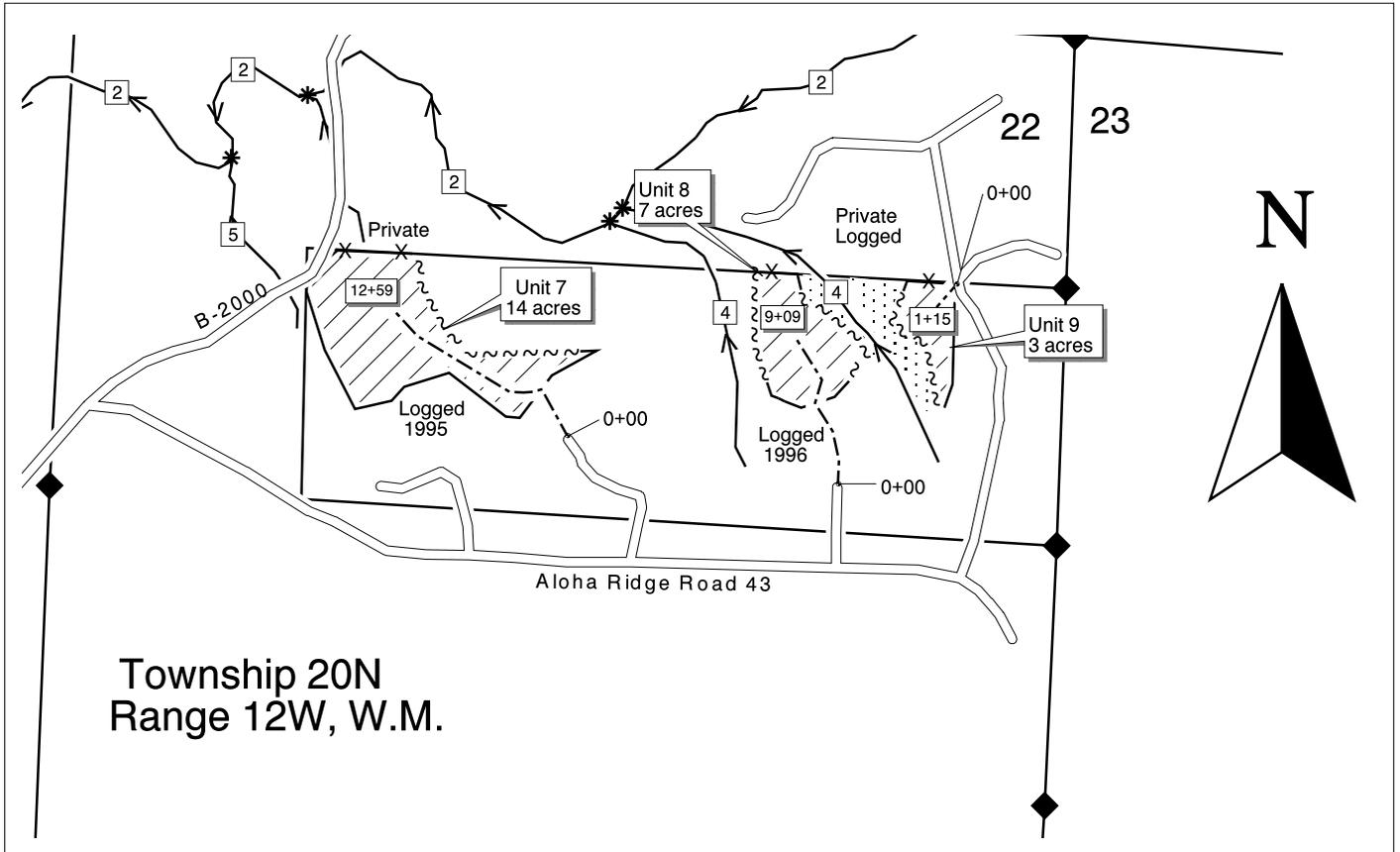


Elevation: 0 - 500'

**TIMBER SALE MAP**

**SALE NAME:** BUSTIN HUMP  
**AGREEMENT NO:** 30-077407  
**TRUST(S):** Common School/Scientific School

**REGION:** Olympic  
**COUNTY(S):** Grays Harbor



SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Coast**

Local **Copper Mine**

Unit Name **Broken Shale and Angles BD  
FMU #'s 68162,68163,68164, and 71361  
Section 26, Township 25, Range 12, W.M.**

Item Number **1**

Unit Number: **10**

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **10**

See unit map on page 32.33.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Salmonberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
	<b>75% by weight</b>

Carrier **Water**

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use two (2) quarts per acre Accord Concentrate plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **298 - 355**

Slope **4-7%**

Aspect **Flat**

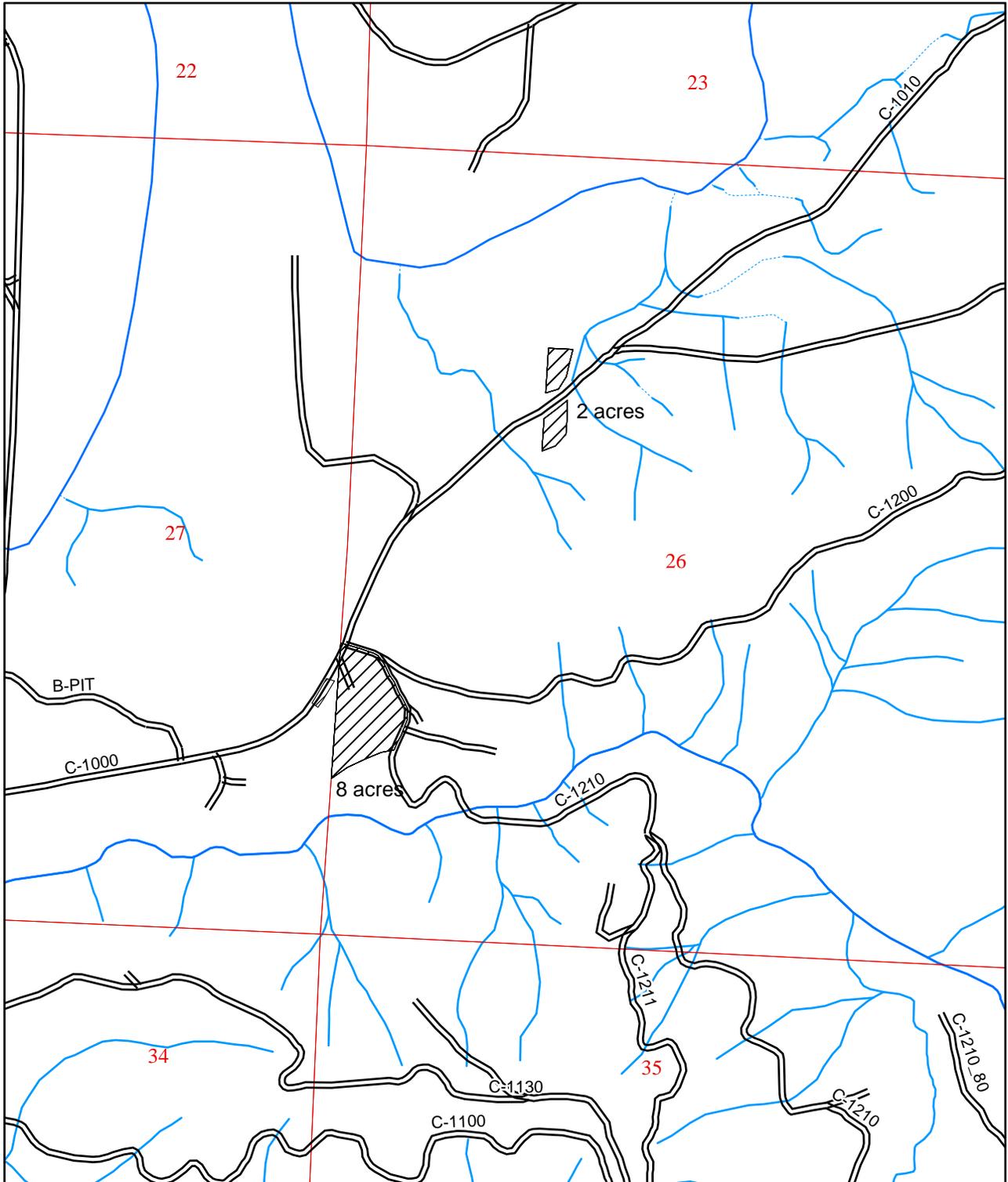
Trade Name(s) for Required Herbicide **Accord Concentrate®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

# Conifer Release Unit Map

Broken Shale / Angles

10 Total acres



1:12,000

## Legend

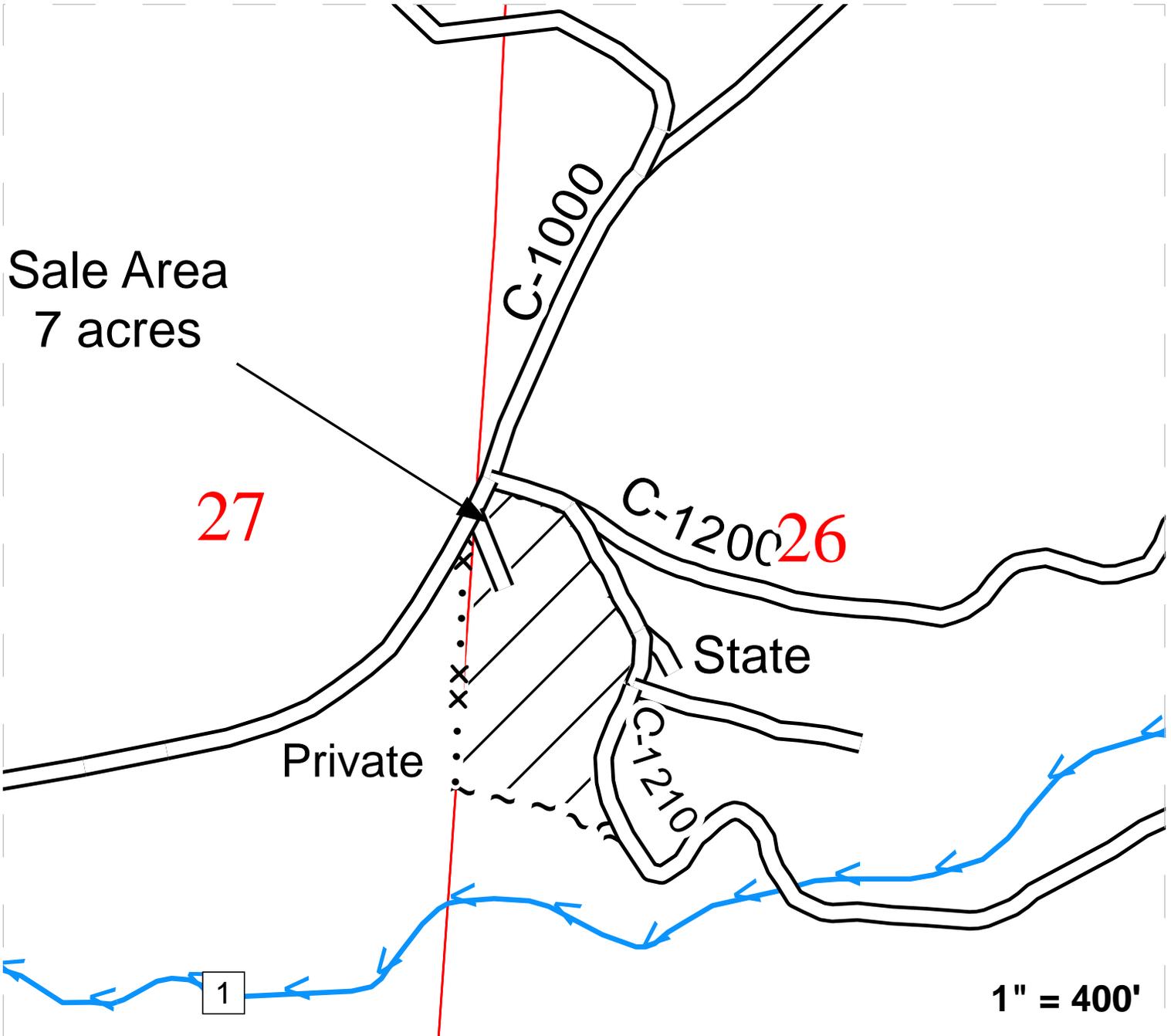
-  Treatment Area
-  Roads
-  Streams



# TIMBER SALE MAP

**SALE NAME:** BROKEN SHALE BLOWDOWN  
**AGREEMENT#:** 30-082790  
**TOWNSHIP(S):** 25N - 12W  
**TRUST(S):** COMMON SCHOOL (03)

**REGION:** OLYMPIC  
**COUNTY(S):** JEFFERSON  
**ELEVATION RGE:** 0-350 FEET



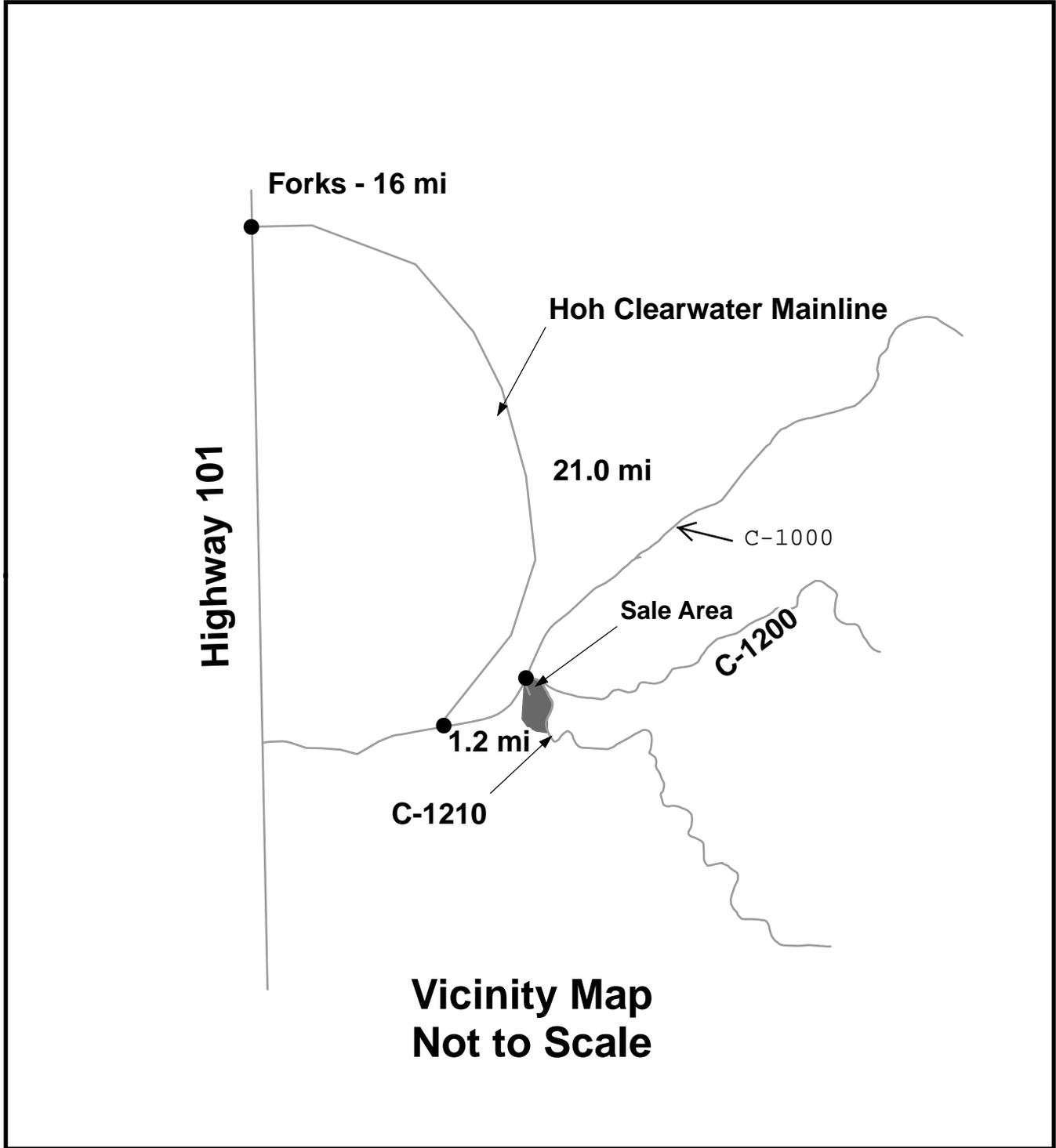
LEGEND		
--- Timber Sale Boundary Tags	— Existing Road	— Streams
...x Property Line	▨ Ground	1 Stream Type



# DRIVING MAP

SALE NAME: BROKEN SHALE BLOWDOWN  
AGREEMENT#: 30-082790  
TOWNSHIP(S): 25N - 12W  
TRUST(S): COMMON SCHOOL (03)

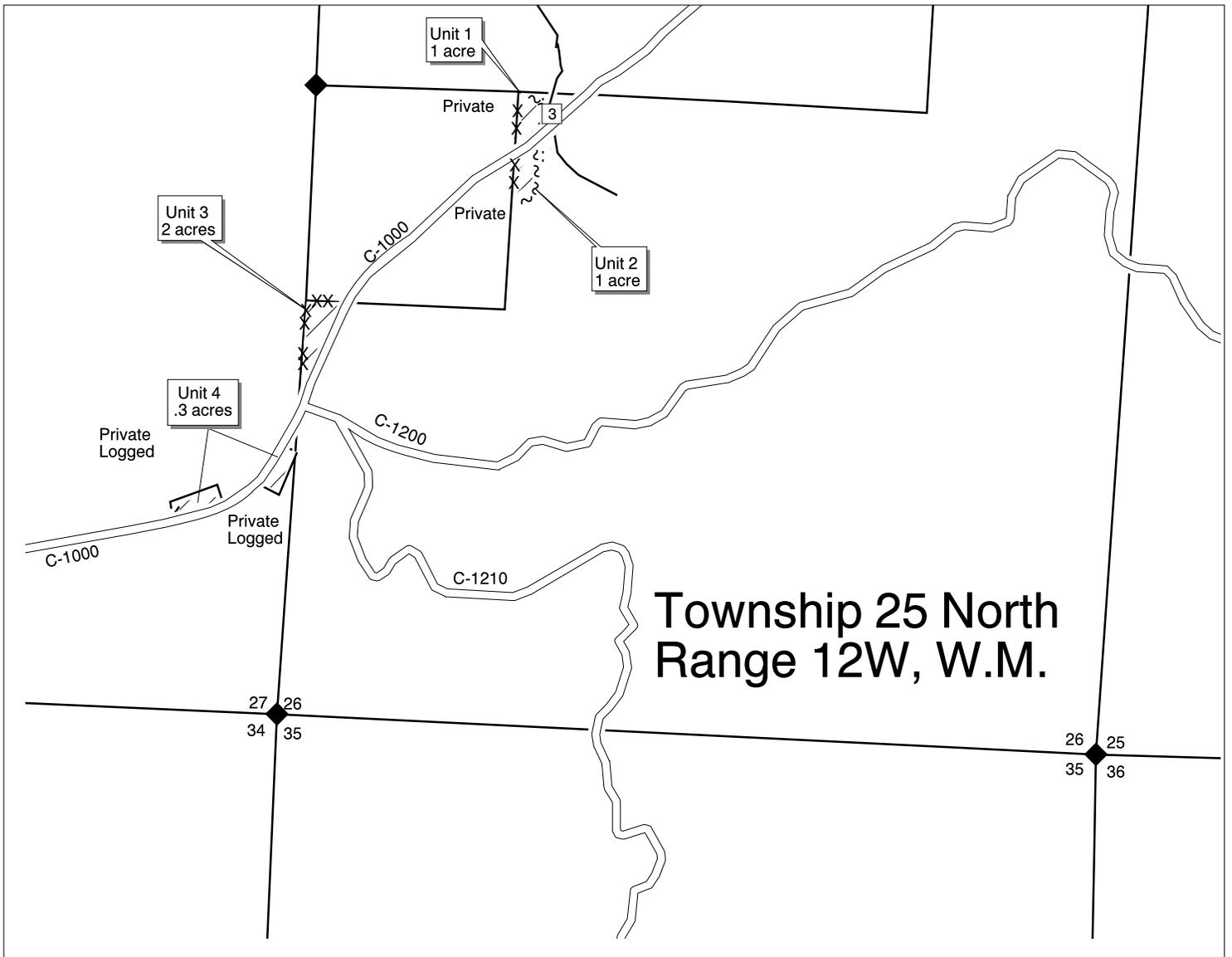
REGION: OLYMPIC  
COUNTY(S): JEFFERSON  
ELEVATION RGE: 0 - 350 FEET



# TIMBER SALE MAP

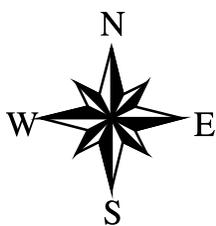
**SALE NAME:** ANGLES BLOWDOWN  
**AGREEMENT NO:** 30-081061  
**TRUST(S):** Common School

**REGION:** Olympic  
**COUNTY(S):** Jefferson



### Legend

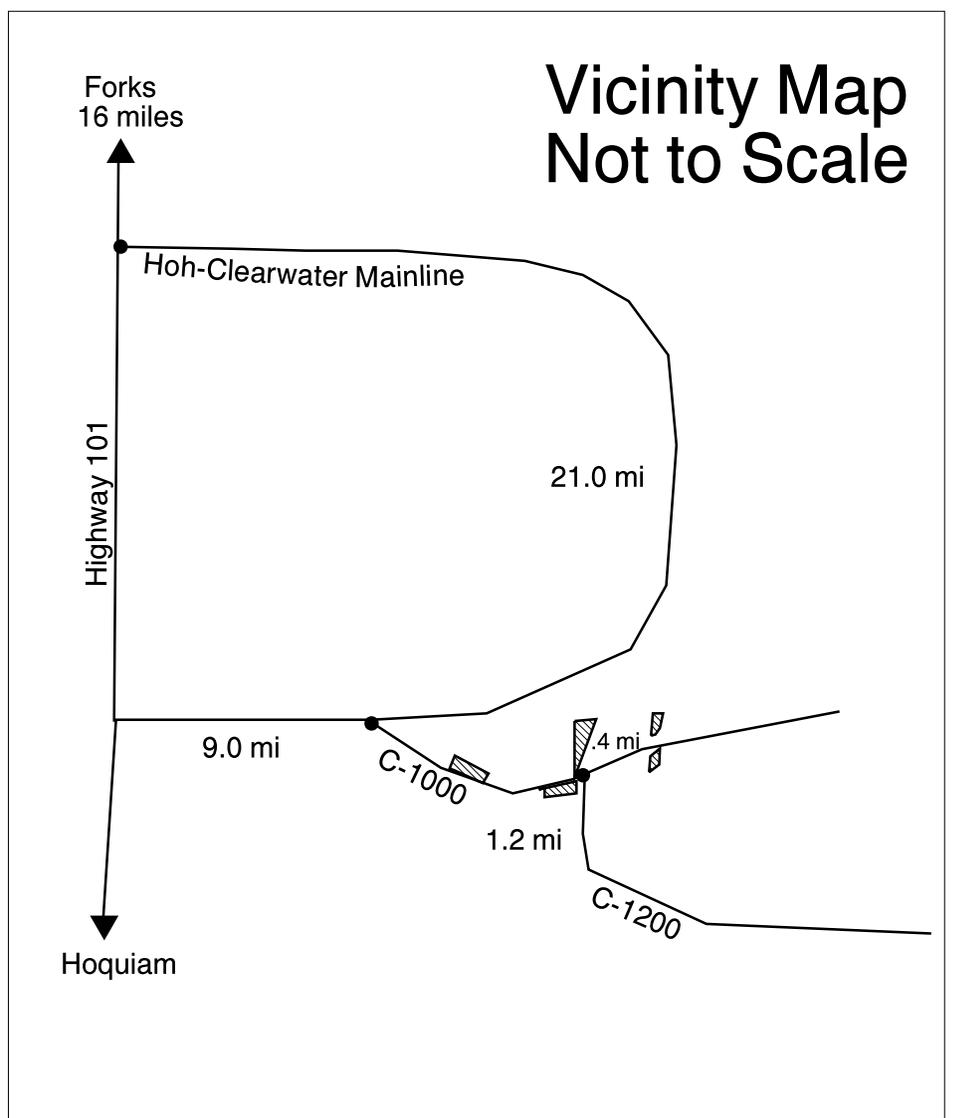
- ~~~~~ Timber Sale Boundary Tags
- ✕—✕ Property Line
- Shovel
- RMZ
- Existing Road
- ▶ Stream
- 3 Stream Type
- ◆ Survey Monument



Drawn By: M. Helms  
 Date: May 14, 2007  
 Scale: 1" = 1000'

500 0 500 Feet

Elevation: 0-500'



SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER **1250**

Region **Olympic**

District **Coast**

Local **Reade Hill**

Unit Name **Drew's View U5 - 43705**

Item Number **1**

Unit Number: **11**

Section **1**, Township **28**, Range **13**, W.M.

Trust **07**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **26**

See unit map on page 37.38.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Salmonberry, Vine Maple**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
Carrier <b>Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half(1 1/2) quarts per acre Accord Concentrate, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator's equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) "BullsEye" blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **812-1015**

Slope **7-46%**

Aspect **North**

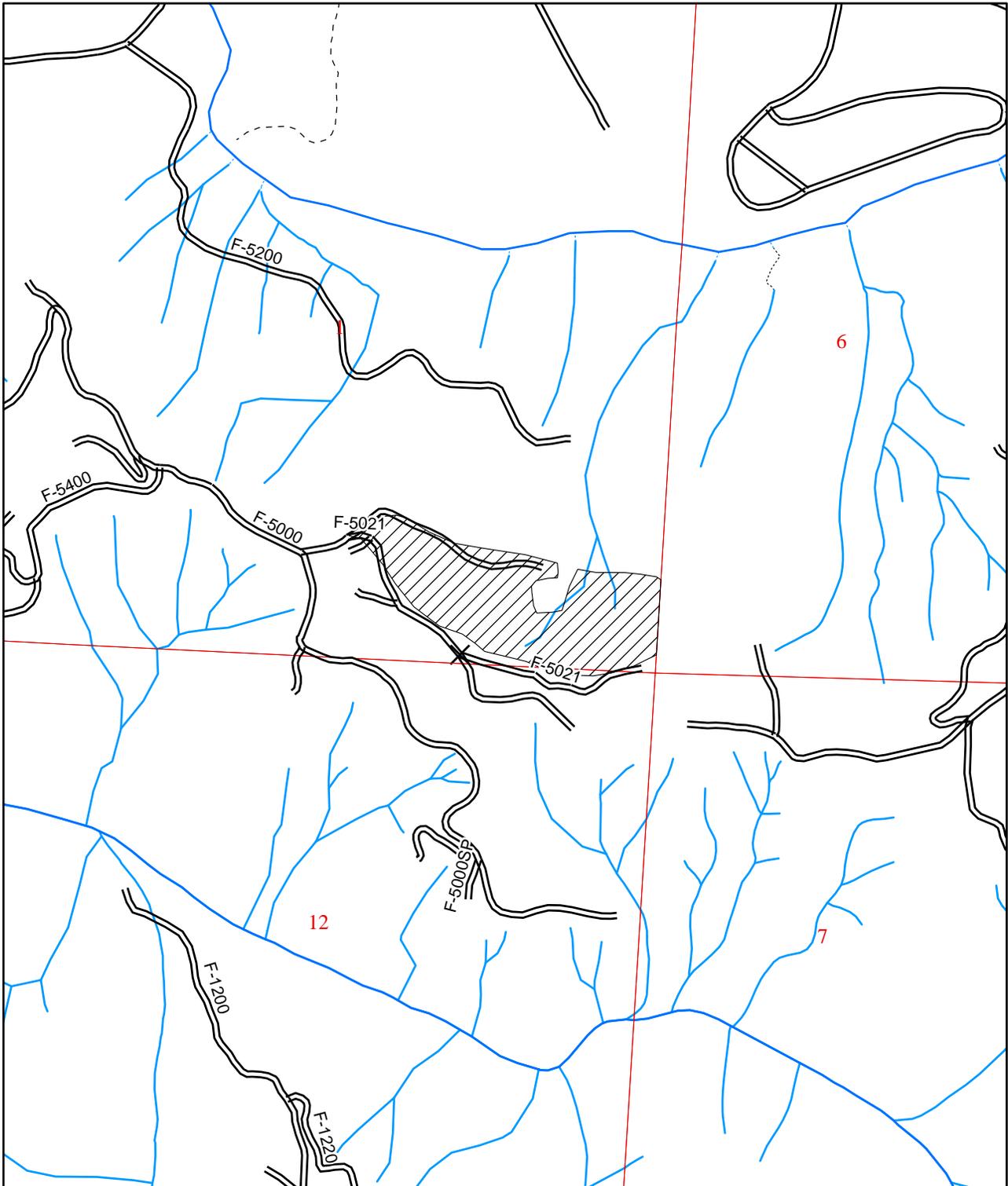
Trade Name(s) for Required Herbicide **Accord Concentrate®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed. The F-5000 is gated at its junction with Elk Ridge Rd. Spur accessing lower portion of unit is non driveable, spur accessing the top of the unit is blocked approximately 2/3 through unit. Unit will be a mix of broadcast and spot treatments with no spray occurring over thickets of natural hemlock.**

# Conifer Release Unit Map

Drew's View U5

26 Total Acres



1:12,000

## Legend

 Current FMUs selection

 Road Block

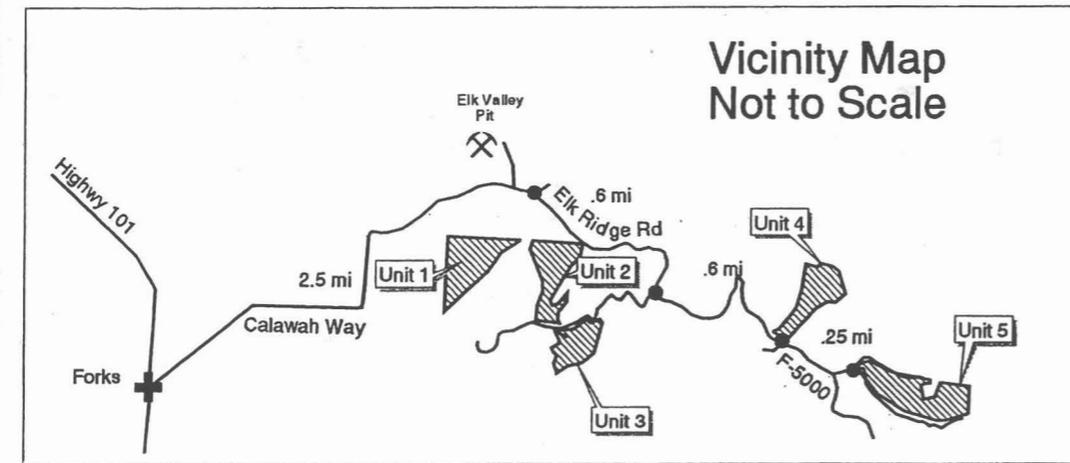
 Streams



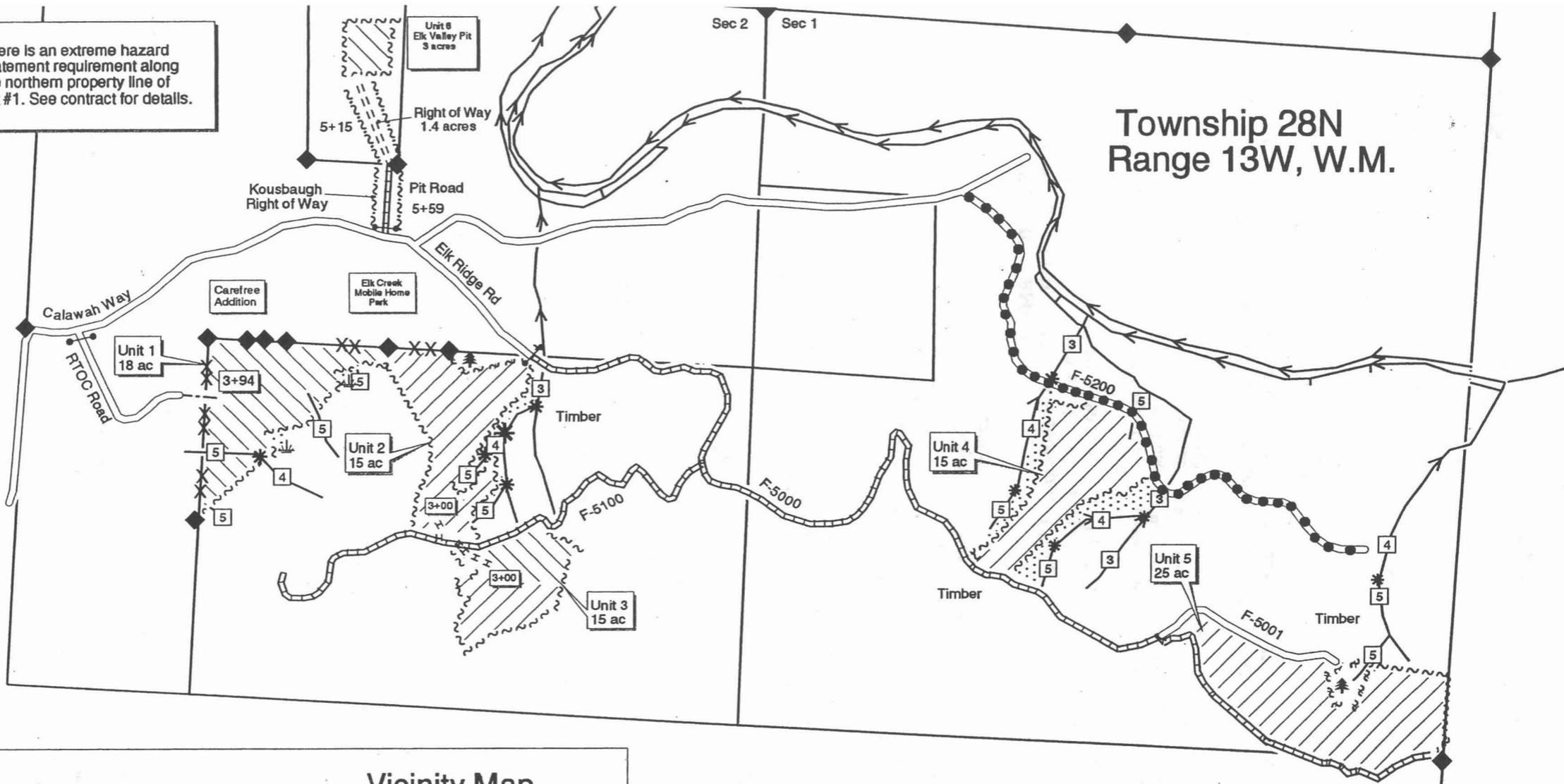
**TIMBER SALE MAP**

**SALE NAME:** DREW'S VIEW  
**AGREEMENT NO:** 30-076355  
**TRUST(S):** Forest Board Transfer/Capitol Building

**REGION:** Olympic  
**COUNTY(S):** Clallam



There is an extreme hazard abatement requirement along the northern property line of Unit #1. See contract for details.



**Township 28N  
 Range 13W, W.M.**

**Legend**

~~~~~	Timber Sale Boundary Tags	—	Existing Road
~~~~~	Special Management Tags	●—●	Abandoned Road
~~~~~	R/W Boundary Tags	- - - - -	Required Construction
XX	Property Lines	▬▬▬	Required Reconstruction
▨	Cable	- · - · -	Optional Construction
▨	Shovel	XXXXX	Optional Reconstruction
⋯	RMZ/WMZ	↑	Special Management Areas
↓	Wetland	→	Streams
◆	Survey Monument	3	Water Type
●—●	Gate	*	Water Type Break
		⌵	Pit

Drawn By: M. Helms  
 Date: March 11, 2005  
 Scale: 1" = 1000'  
 Elevation: 500 - 1000'

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER **1250**

Region **Olympic**

District **Ozette**

Local **Sekiu**

Unit Name **Hoko Ridge U2 - 44292**

Item Number **1**

Unit Number: 12

Section **21**, Township **31**, Range **13**, W.M.

Trust **07**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **27**

See unit map on page 40,41.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Salmonberry, Vine Maple, Elderberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
<b>Isopropylamine salt of Imazapyr</b>	<b>4.0 lbs/gal</b>
<b>Sulfometuron methyl</b>	<b>75% by weight</b>

Carrier **Water**

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2) quart per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **461-764**

Slope **16-55%**

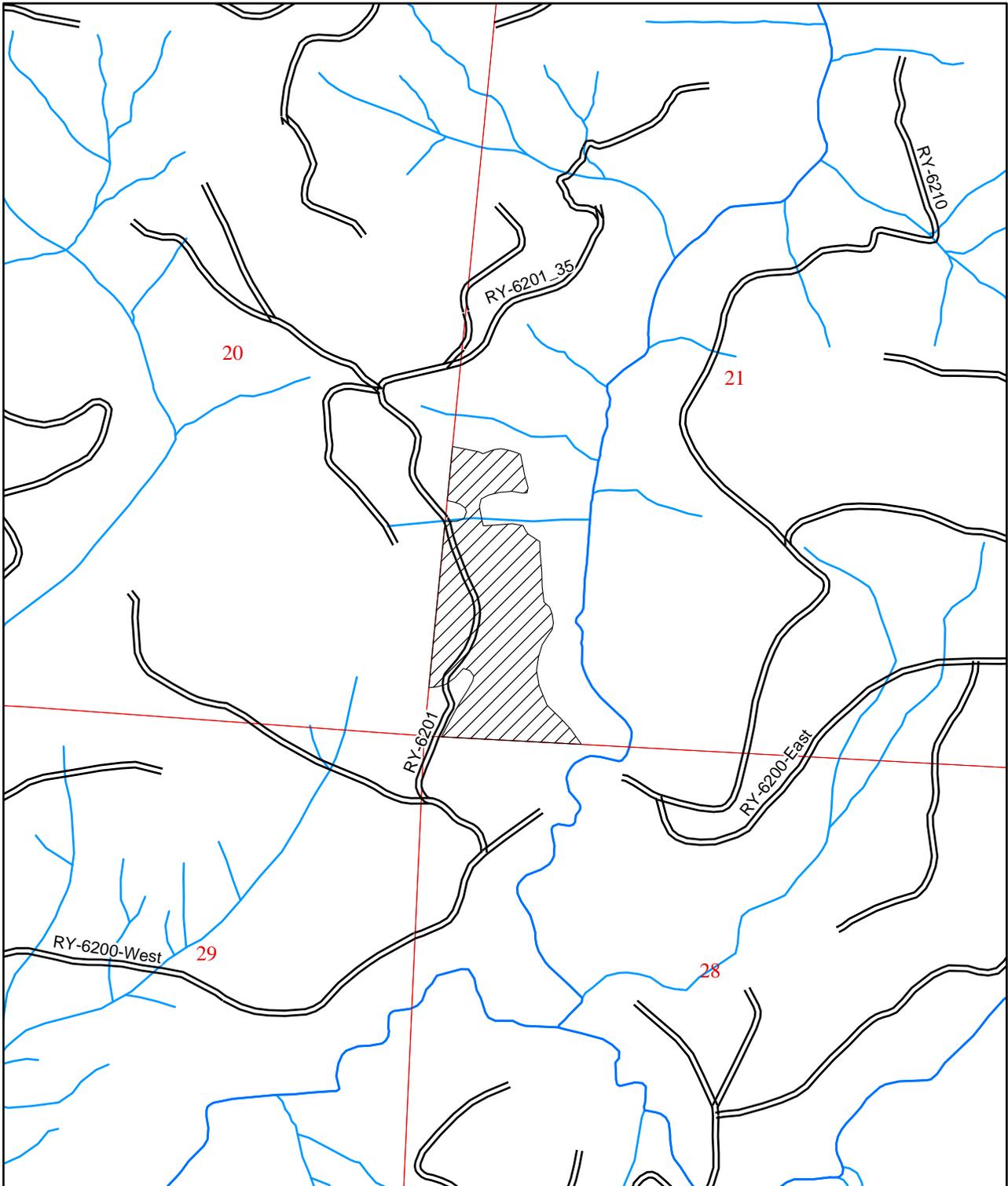
Aspect **East**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed. Private gate located on the CZ-5900 at its junction with Hoko Ozette Rd.**

# Conifer Release Unit Map

Hoko Ridge U2  
27 Total Acres



1:12,000



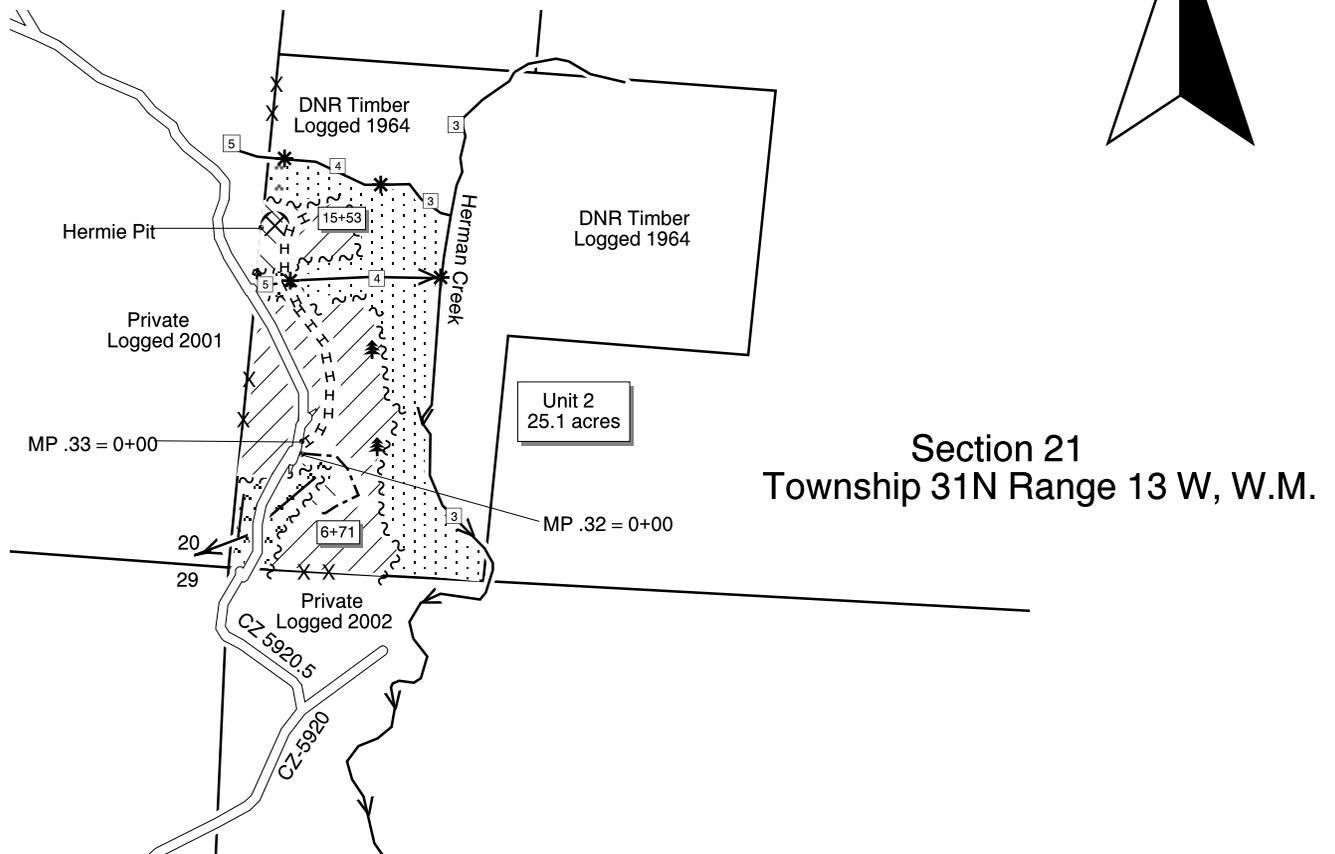
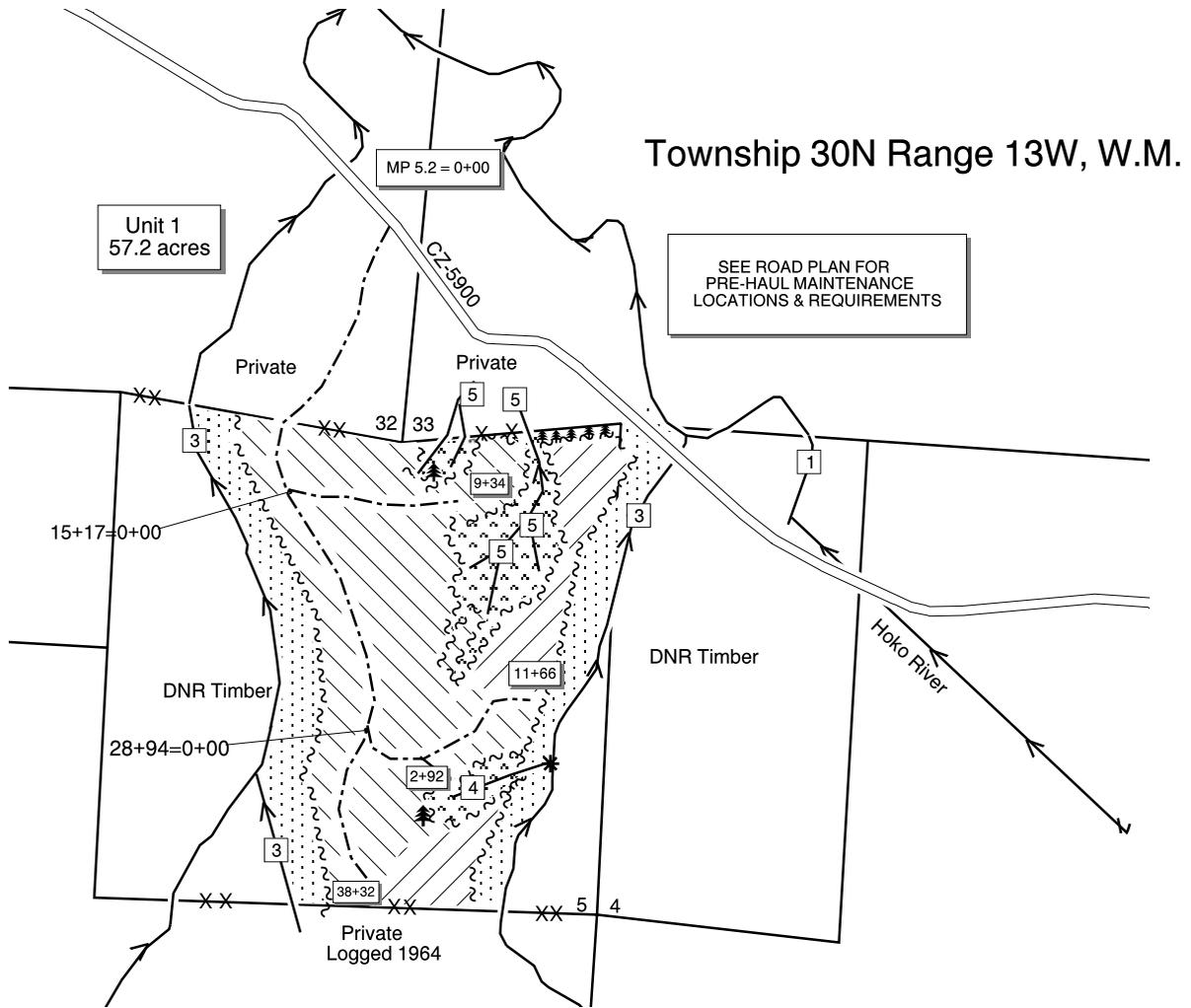
## Legend

-  Treatment Area
-  Streams

**TIMBER SALE MAP**

**SALE NAME:** HOKO RIDGE  
**AGREEMENT NO:** 30-076293  
**TRUST(S):** Agricultural School/Capitol Grant

**REGION:** Olympic  
**COUNTY(S):** Clallam



Drawn By: M. Helms  
 Date: October 25, 2004  
 Scale: 1" = 1000'



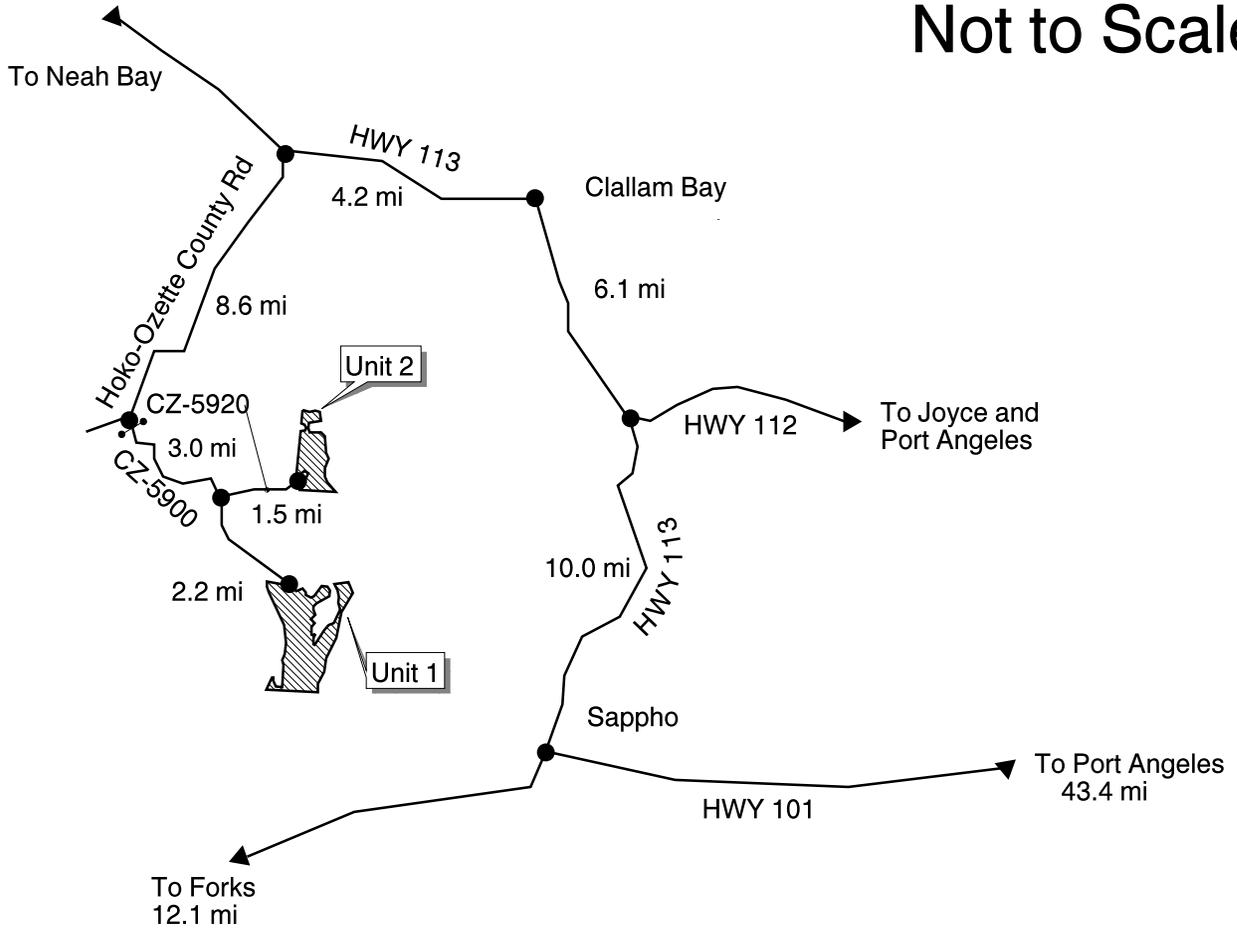
Elevation: 500 - 1000'

**TIMBER SALE MAP**

**SALE NAME:** HOKO RIDGE  
**AGREEMENT NO:** 30-076293  
**TRUST(S):** Agricultural School/Capitol Grant

**REGION:** Olympic  
**COUNTY(S):** Clallam

**Vicinity Map  
 Not to Scale**



Legend					
	Cable		Timber Sale Boundary Tags		Water Type
	Shovel		Existing Road		Streams
	RLA		Optional Construction		Water Type Break
	RMZ		Optional Reconstruction		Survey Monument
	Property Line		Pit		Leave Tree Areas
					Gate

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **N Crescent**

Unit Name **Gerber 40 BLM - 39149**

Item Number **1**

Unit Number: **13**

Section **12**, Township **30**, Range **8W**, W.M.

Trust **01**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **8**

See unit map on page **44, 45**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big Leaf Maple**

Generic Name	Active Ingredients
Herbicide <b>Triclopyr</b>	<b>4.0 lbs/gal</b>
Carrier <b>Basal Oil</b>	

Treatment Technique and Rate **Ground – backpack; low-volume basal spray application. Use 25% Garlon 4® and 75% basal oil per gallon of spray solution. Spray in a manner that thoroughly wets the circumference of basal parts of stems, but not to the point of runoff, and forms a continuous band around individual canes in the clump. Applications will wet the root collar area where stems originate from the stump, and be below the first lateral branch. Do not allow herbicide solution to drift or otherwise come into contact with conifer seedlings in the unit.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **287-774 ft.**

Slope **3-43%**

Aspect **North**

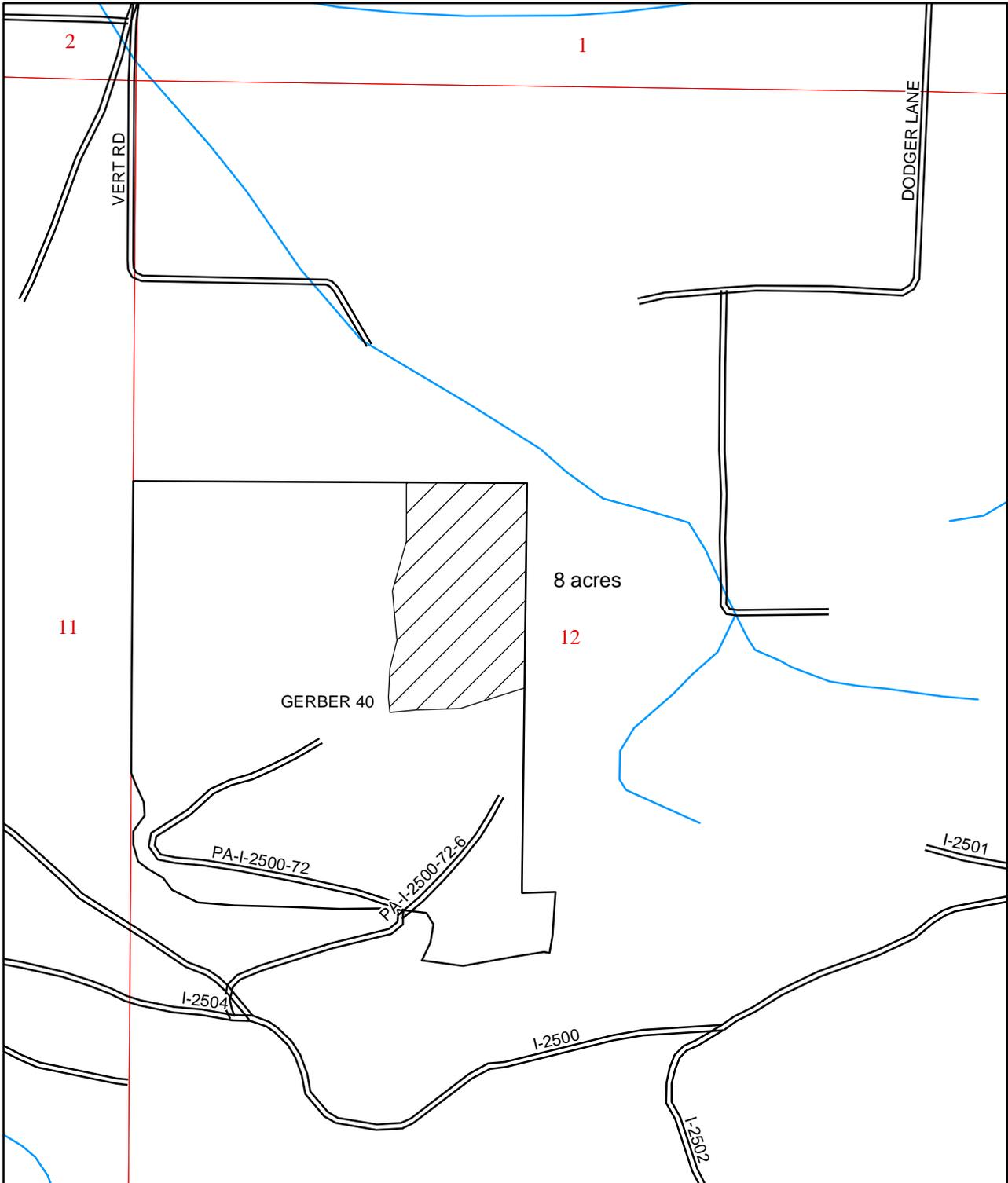
Trade Name(s) for Required Herbicide **Garlon 4®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**Big Leaf Maple quantities in the treatment area are ~ 8/acre and are at a height of 12 ft tall.**

# Conifer Release Unit Map

Gerber 40  
8 Total Acres



1:6,000

## Legend

-  Treatment Area
-  Roads
-  Streams

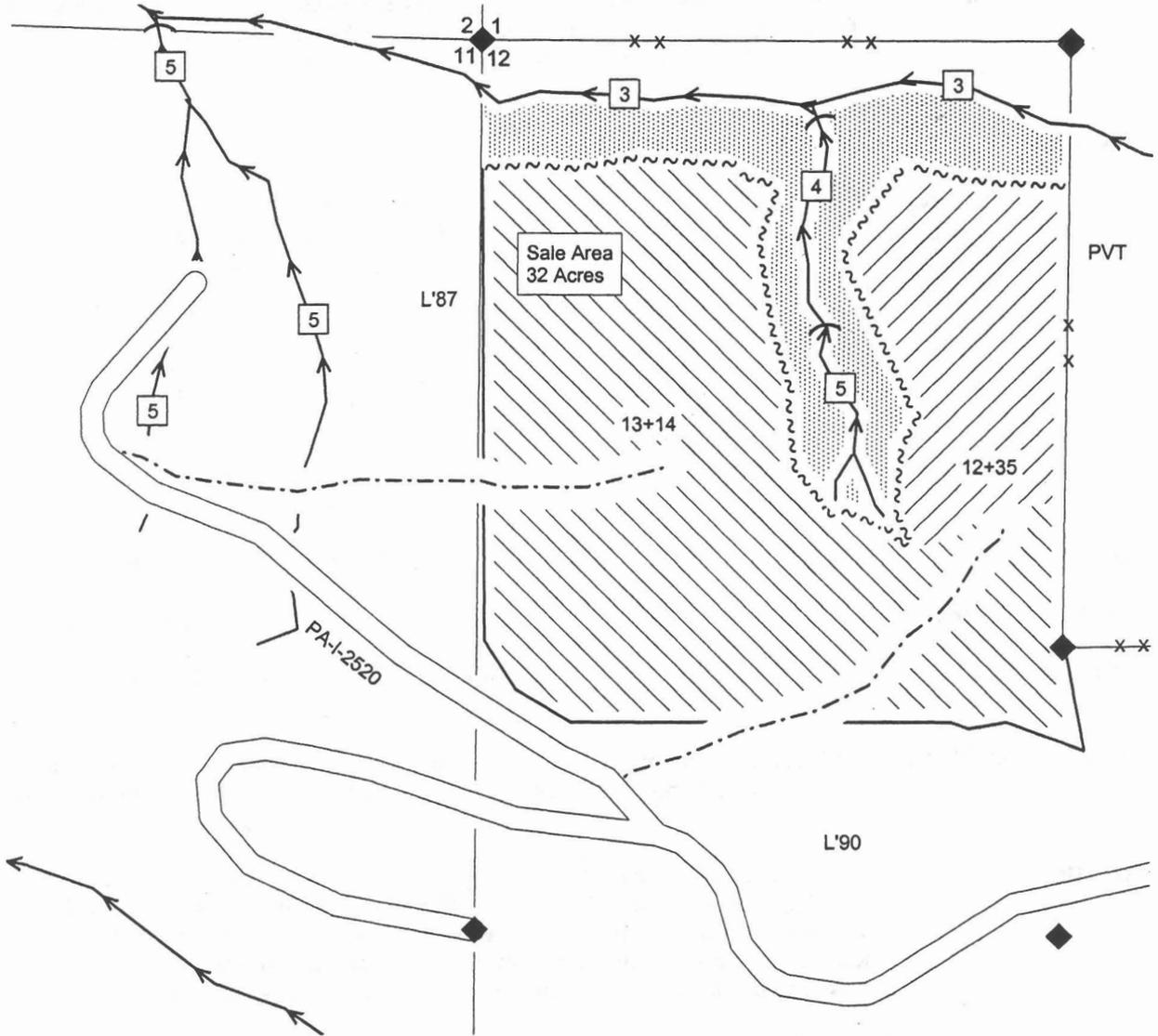
**TIMBER SALE MAP**

SALE NAME: Gerber 40  
 AGREEMENT NO: 30-074813  
 TRUST(S): Forest Board Transfer

REGION: Olympic  
 COUNTY(S): Clallam

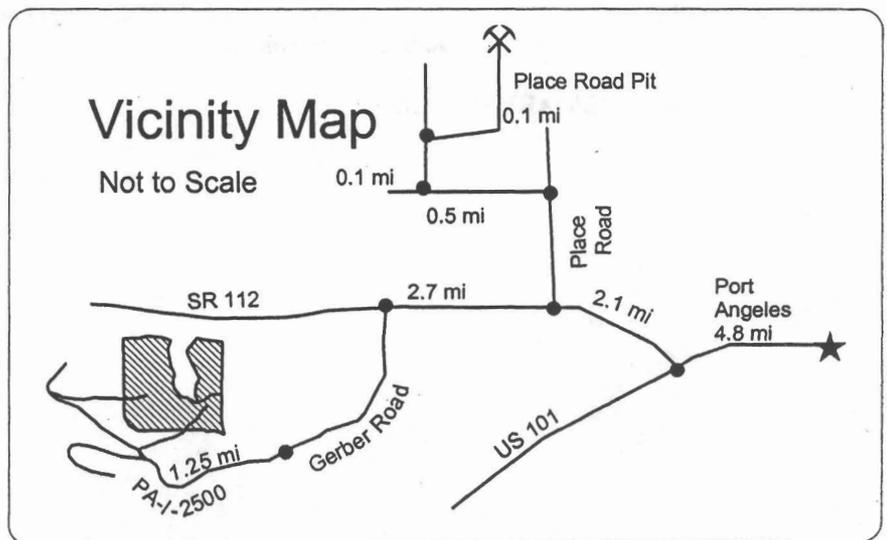


Township 30 North, Range 8 West, W.M.

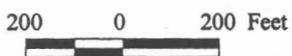


**Legend**

-  Cable
-  Shovel
-  RMZ
-  Sale Boundary Tags
-  Property Line
-  Existing Road
-  Optional Construction
-  Streams
-  Water Type
-  Survey Marker



Drawn By: J. Garstang  
 Date: August 1, 2003  
 Scale: 1" = 400'



SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **Dungeness**

Unit Name **Blue Oly U5 - 5905**

Item Number **1**

Unit Number: **14**

Section **2**, Township **29**, Range **5W**, W.M.

Trust **01**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **93**

See unit map on page **47, 48**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated: **BLM, elderberry, salmonberry, fox glove.**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
<b>Isopropylamine salt of Imazapyr</b>	<b>4.0 lbs/gal</b>
<b>Sulfometuron methyl</b>	<b>75% by weight</b>
Carrier <b>Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2 ) quarts per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **1132-1371 ft**

Slope **2-17%**

Aspect **N/A**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

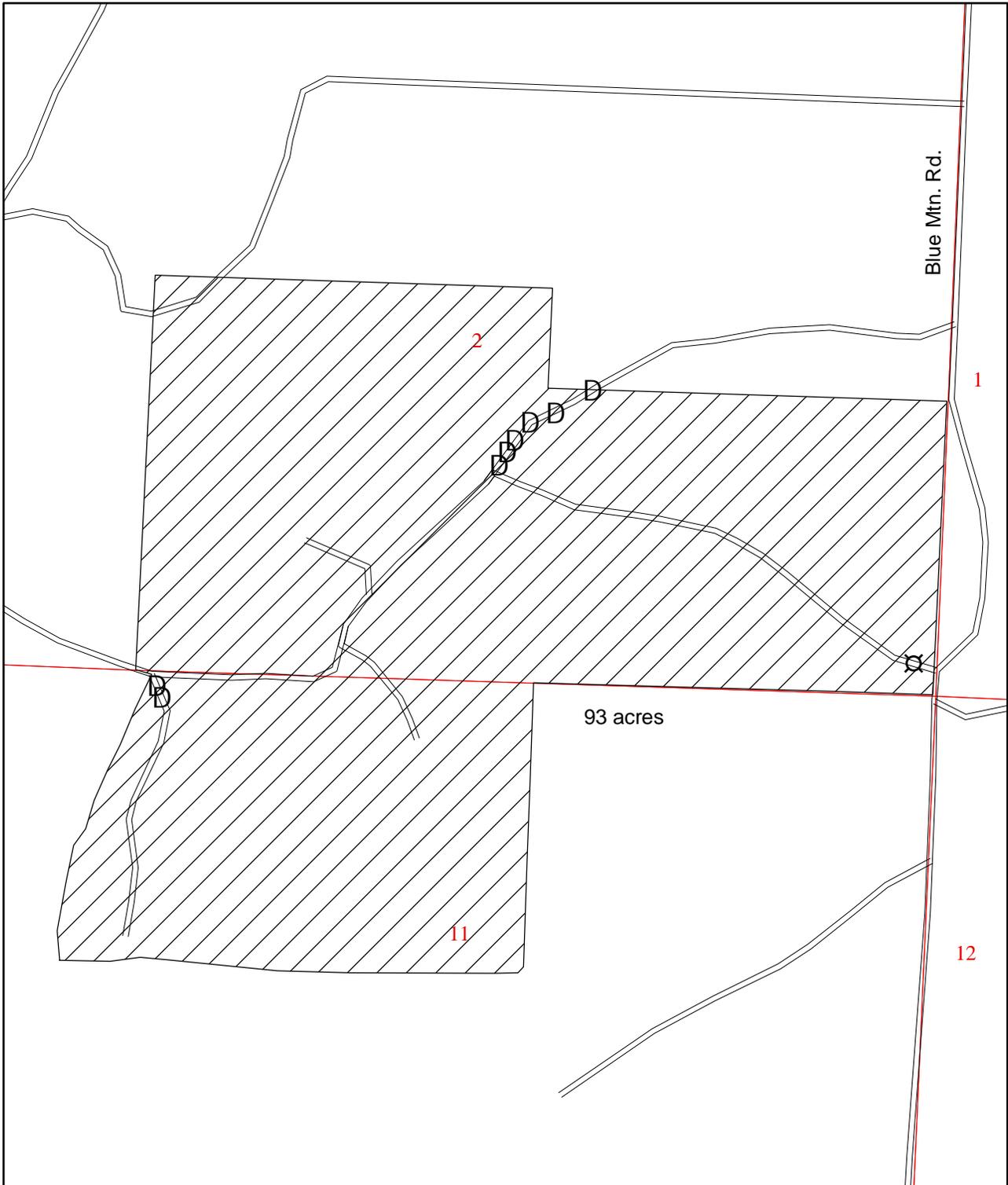
Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**The vegetation is ~2 ft. with some elderberry up to 4 ft. tall.**

**\*A spot spray technique will be use from the roads 30 feet out and in the SW corner.\***

# Conifer Release Unit Map

Blue Oly U5  
93 Total Acres



1:6,000

## Legend

 Treatment Area

 Roads

 Gate

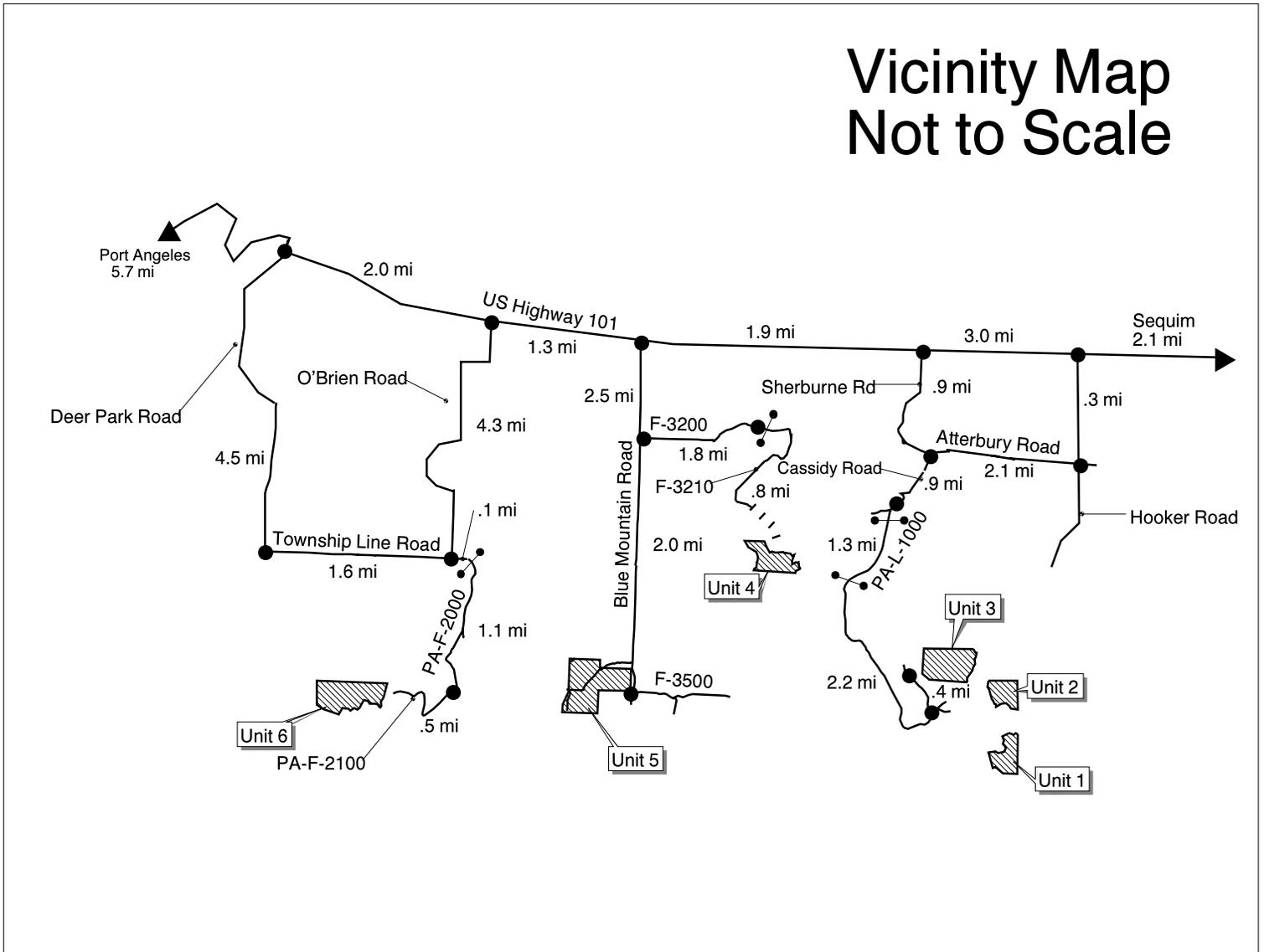
 Road Block



# TIMBER SALE MAP

**SALE NAME:** BLUE OLY  
**AGREEMENT NO:** 30-079333  
**TRUST(S):** Forest Board Transfer

**REGION:** Olympic  
**COUNTY(S):** Clallam



SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER **1250**

Region **Olympic**

District **Straits**

Local **Dungeness**

Unit Name **Kings Gold U1 BLM - 31946**

Item Number **1**

Unit Number: **15**

Section **32**, Township **30**, Range **4W**, W.M.

Trust **01**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **15**

See unit map on page **50, 54**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big Leaf Maple**

Generic Name

Active Ingredients

Herbicide **Triclopyr**

**4.0 lbs/gal**

Carrier **Basal Oil**

Treatment Technique and Rate **Ground – backpack; low-volume basal spray application. Use 25% Garlon 4® and 75% basal oil per gallon of spray solution. Spray in a manner that thoroughly wets the circumference of basal parts of stems, but not to the point of runoff, and forms a continuous band around individual canes in the clump. Applications will wet the root collar area where stems originate from the stump, and be below the first lateral branch. Do not allow herbicide solution to drift or otherwise come into contact with conifer seedlings in the unit.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **692-804 ft.**

Slope **3-12%**

Aspect **North**

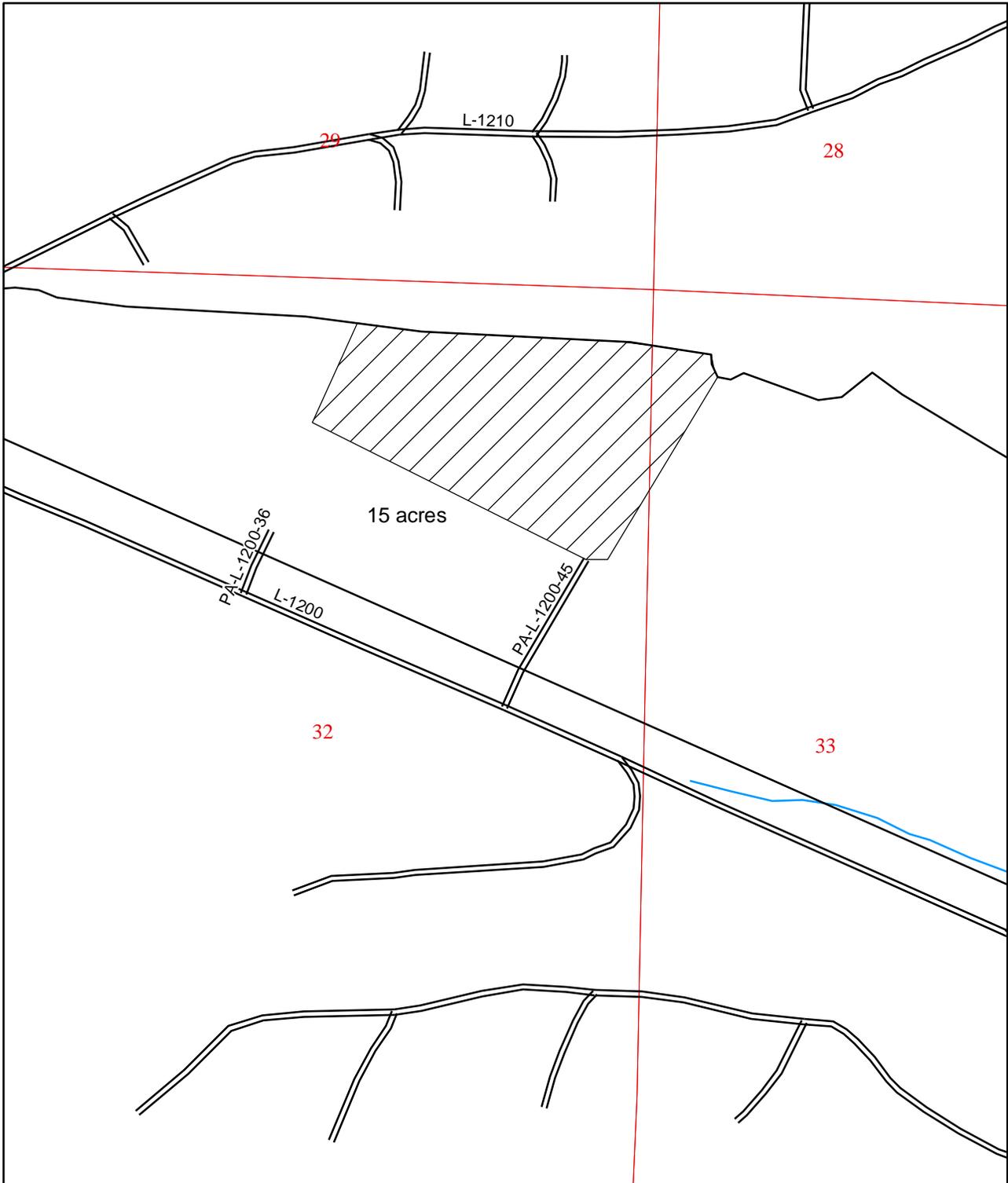
Trade Name(s) for Required Herbicide **Garlon 4®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**BLM in the treatment area are ~ 10 ft tall and are ~7 / acre.**

# Conifer Release Unit Map

Kings Gold U1 BLM  
15 Total Acres



1:6,000

## Legend

-  Treatment Area
-  Roads
-  Streams

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **Dungeness**

Unit Name **Kings Gold U2 - 31940**

Item Number **1**

Unit Number: **16**

Section **28**, Township **30**, Range **4W**, W.M.

Trust **01**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **40**

See unit map on page **53, 54**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Pea-vine, red alder**

Generic Name

Active Ingredients

Herbicide **Clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid, monoethanolamine salt**

**3 lb/gal**

Carrier **Water**

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one (1) pint per acre Transline specialty herbicide, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **583-655 ft.**

Slope **0-11%**

Aspect **North**

Trade Name(s) for Required Herbicide **Transline specialty herbicide**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**Vegetation is post emergent and is ~2 ft. tall and red alder is ~4 ft. tall.**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **Dungeness**

Unit Name **Kings Gold U3 - 61341**

Item Number **1**

Unit Number: **17**

Section **28**, Township **30**, Range **4W**, W.M.

Trust **01**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **11**

See unit map on page **53, 54**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Pea-vine, red alder**

Generic Name

Active Ingredients

Herbicide **Clopyralid: 3,6-dichloro-2-pyridinecarboxylic acid, monoethanolamine salt**

**3 lb/gal**

Carrier **Water**

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one (1) pint per acre Transline specialty herbicide, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **547-635 ft.**

Slope **5-13%**

Aspect **N/A**

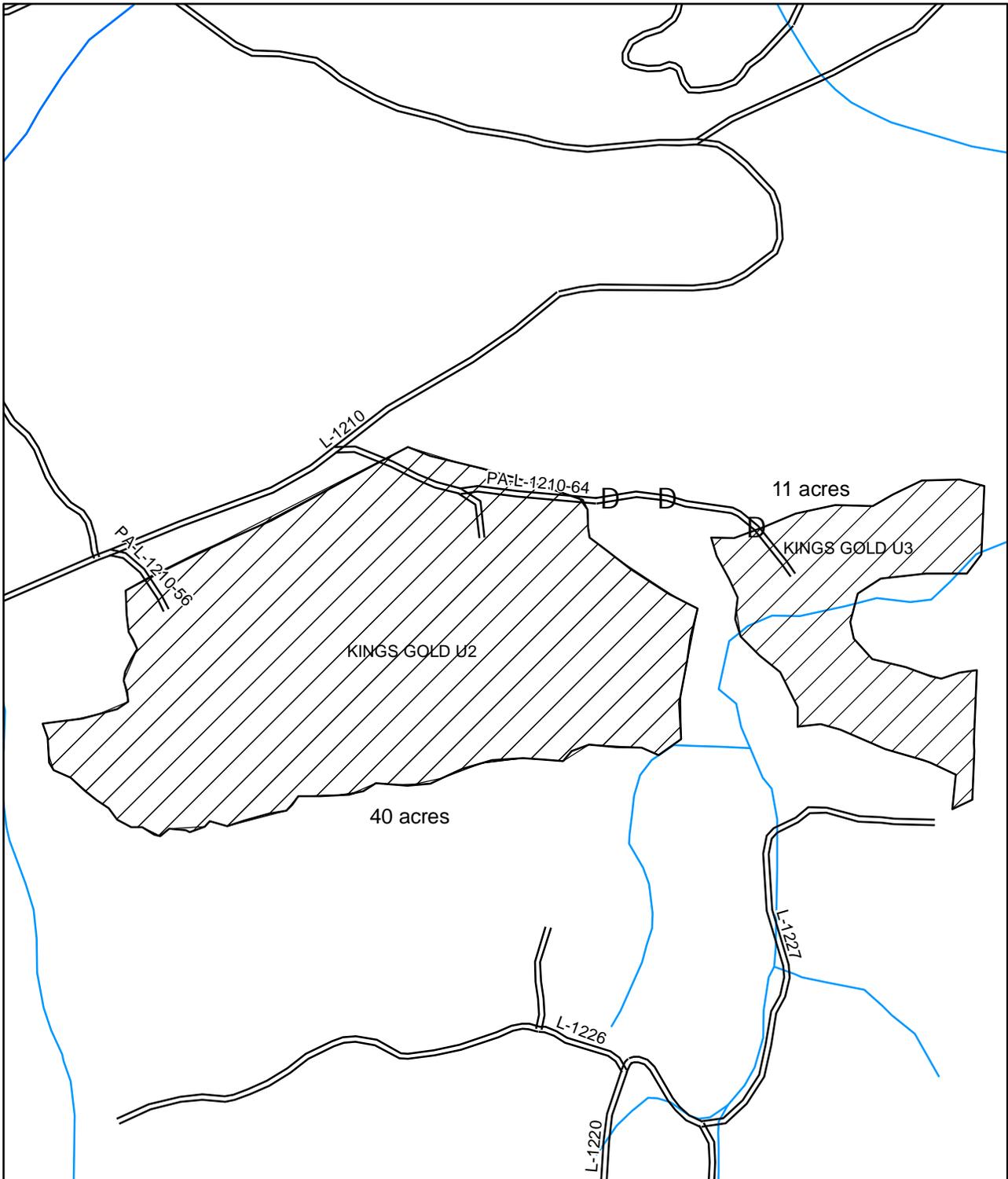
Trade Name(s) for Required Herbicide **Transline specialty herbicide**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**Post emergent vegetation is ~2 ft. tall and red alder is ~4 ft. tall.**

# Conifer Release Unit Map

Kings Gold U2 & Kings Gold U3  
51 Acres Total



1:6,000

## Legend

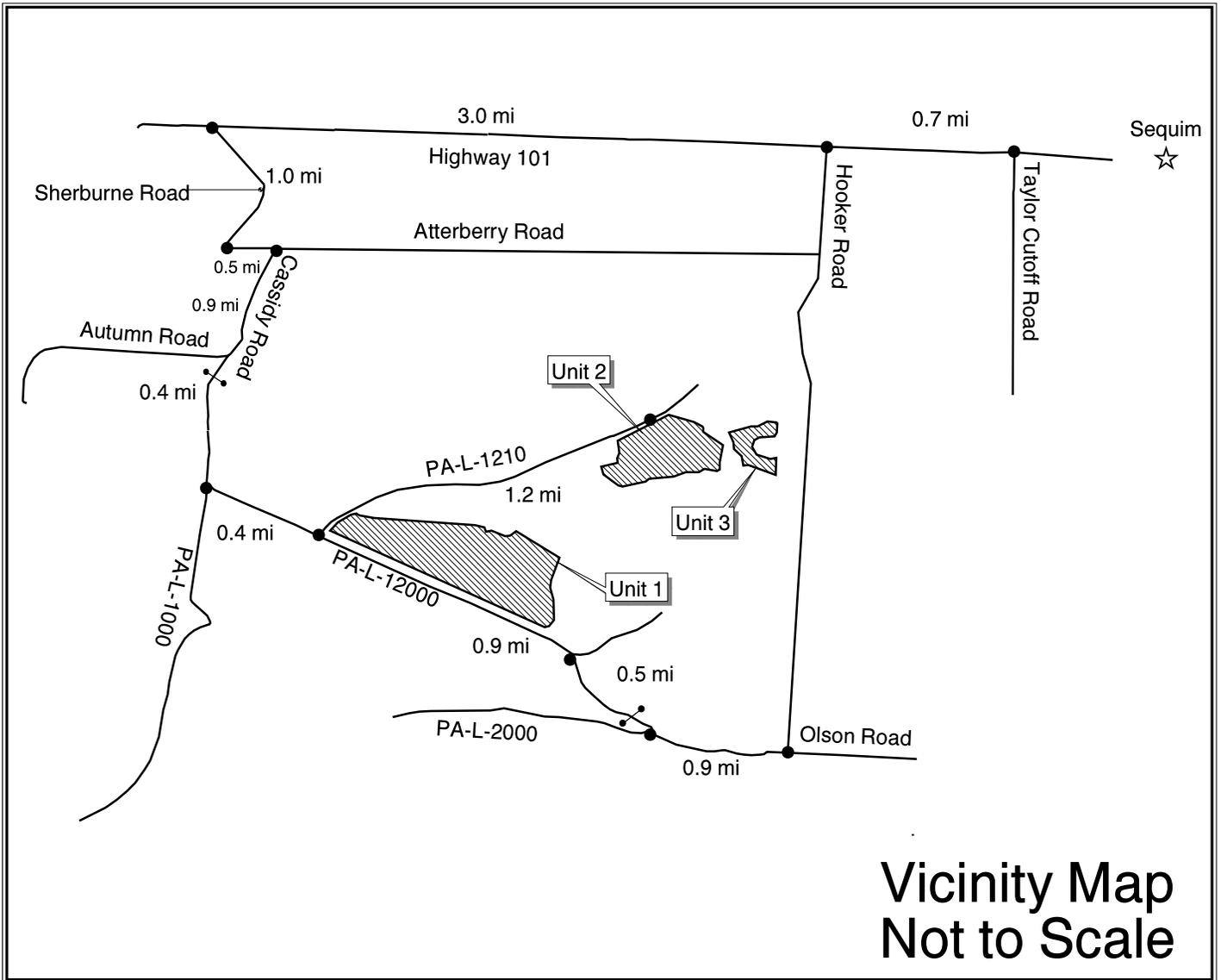
-  Treatment Area
-  Roads
-  Road Block
-  Streams



# TIMBER SALE MAP

**SALE NAME:** KING'S GOLD  
**AGREEMENT NO:** 30-077449  
**TRUST(S):** Forest Board Transfer

**REGION:** Olympic  
**COUNTY(S):** Clallam



Drawn By: M. Helms  
Date: January 5, 2006

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **NE Jefferson**

Unit Name **Dragon's Back U2 - 28137**

Item Number **1**

Unit Number: **18**

Section **16**, Township **29**, Range **1**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **36**

See unit map on page **59, 63**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Salmonberry, Red Alder, Elderberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
<b>Isopropylamine salt of Imazapyr</b>	<b>4.0 lbs/gal</b>
<b>Sulfometuron methyl</b>	<b>75% by weight</b>
<b>Carrier Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (2) quarts per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator's equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) "BullsEye" blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **212-644 ft.**

Slope **3-36%**

Aspect **North**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**Elderberry and salmonberry range from 2-5 ft tall and the red alder is ~7 ft. tall.**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER **1250**

Region **Olympic**

District **Straits**

Local **NE Jefferson**

Unit Name **Dragon's Back U2 BLM - 28137**

Item Number **1**

Unit Number: **19**

Section **16**, Township **29**, Range **1**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **36**

See unit map on page 59, 63.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big Leaf Maple**

Generic Name

Active Ingredients

Herbicide **Triclopyr**

**4.0 lbs/gal**

Carrier **Basal Oil**

Treatment Technique and Rate **Ground – backpack; low-volume basal spray application. Use 25% Garlon 4® and 75% basal oil per gallon of spray solution. Spray in a manner that thoroughly wets the circumference of basal parts of stems, but not to the point of runoff, and forms a continuous band around individual canes in the clump. Applications will wet the root collar area where stems originate from the stump, and be below the first lateral branch. Do not allow herbicide solution to drift or otherwise come into contact with conifer seedlings in the unit.**

Special Requirements **Applicator's equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) "BullsEye" blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **212-644 ft.**

Slope **3-36%**

Aspect **North**

Trade Name(s) for Required Herbicide **Garlon 4®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**BLM in this unit is ~15ft. tall and at ~10 clumps / acre.**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **NE Jefferson**

Unit Name **Dragon's Back U3 - 47189**  
**Dragon's Back U3 - 47199**

Item Number **1**

Unit Number: **20**

Section **16**, Township **29**, Range **1**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **59**

See unit map on page **59, 63**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Salmonberry, Red Alder, Elderberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b> <b>Isopropylamine salt of Imazapyr</b> <b>Sulfometuron methyl</b>	<b>5.4 lbs/gal</b> <b>4.0 lbs/gal</b> <b>75% by weight</b>
<b>Carrier Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (2) quarts per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator's equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) "BullsEye" blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **239-439**

Slope **0-38%**

Aspect **North**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**Elderberry and salmonberry range from 2-5 ft tall and the red alder is ~7 ft. tall.**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **NE Jefferson**

Unit Name **Dragon's Back U3 BLM - 47189**  
**Dragon's Back U3 BLM - 47199**

Item Number **1**

Unit Number: **21**

Section **16**, Township **29**, Range **1**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **59**

See unit map on page **59, 63**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big Leaf Maple**

Generic Name

Active Ingredients

Herbicide **Triclopyr**

**4.0 lbs/gal**

Carrier **Basal Oil**

Treatment Technique and Rate **Ground – backpack; low-volume basal spray application. Use 25% Garlon 4® and 75% basal oil per gallon of spray solution. Spray in a manner that thoroughly wets the circumference of basal parts of stems, but not to the point of runoff, and forms a continuous band around individual canes in the clump. Applications will wet the root collar area where stems originate from the stump, and be below the first lateral branch. Do not allow herbicide solution to drift or otherwise come into contact with conifer seedlings in the unit.**

Special Requirements **Applicator's equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) "BullsEye" blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **239-439**

Slope **0-38%**

Aspect **North**

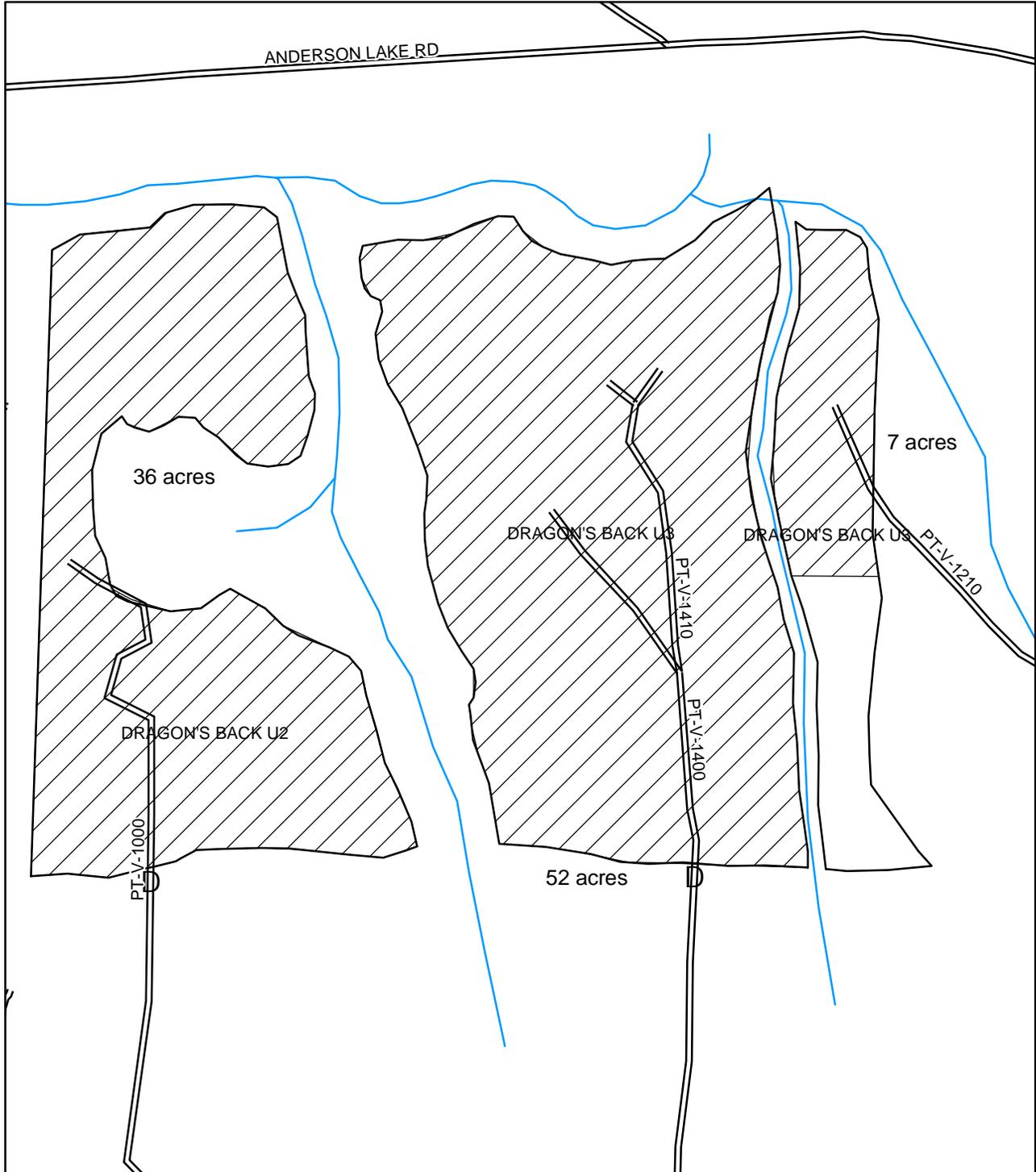
Trade Name(s) for Required Herbicide **Garlon 4®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**BLM in this unit is ~15ft. tall and at ~10 clumps / acre.**

# Conifer Release Unit Map

Dragon's Back U2 & Dragon's Back U2 BLM  
Dragon's Back U3 & Dragon's Back U3 BLM  
95 Acres Each Treatment



1:6,000

## Legend

 Treatment Area

 Roads

 Road Block

 Streams

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **NE Jefferson**

Unit Name **Dragon's Back U1 – 5911**  
**Dragon's Back U1 - 47279**

Item Number **1**

Unit Number: **22**

Section **27**, Township **29**, Range **1**, W.M.

Trust **01**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **55**

See unit map on page **62, 63**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Salmonberry, Red Alder, Elderberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b> <b>Isopropylamine salt of Imazapyr</b> <b>Sulfometuron methyl</b>	<b>5.4 lbs/gal</b> <b>4.0 lbs/gal</b> <b>75% by weight</b>
Carrier <b>Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2) quarts per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator's equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) "BullsEye" blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **260-381**

Slope **6-26%**

Aspect **flat to West**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**Elderberry, and salmonberry throughout and ~3ft. tall and the red alder is ~6 ft-15ft. tall.**

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **NE Jefferson**

Unit Name **Dragon's Back U1 BLM - 5911**  
**Dragon's Back U1 BLM - 47279**

Item Number **1**

Unit Number: **23**

Section **27**, Township **29**, Range **1**, W.M.

Trust **01**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **55**

See unit map on page **62, 63**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big Leaf Maple**

Generic Name

Active Ingredients

Herbicide **Triclopyr**

**4.0 lbs/gal**

Carrier **Basal Oil**

Treatment Technique and Rate **Ground – backpack; low-volume basal spray application. Use 25% Garlon 4® and 75% basal oil per gallon of spray solution. Spray in a manner that thoroughly wets the circumference of basal parts of stems, but not to the point of runoff, and forms a continuous band around individual canes in the clump. Applications will wet the root collar area where stems originate from the stump, and be below the first lateral branch. Do not allow herbicide solution to drift or otherwise come into contact with conifer seedlings in the unit.**

Special Requirements **Applicator's equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) "BullsEye" blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **260-381**

Slope **6-26%**

Aspect **flat to West**

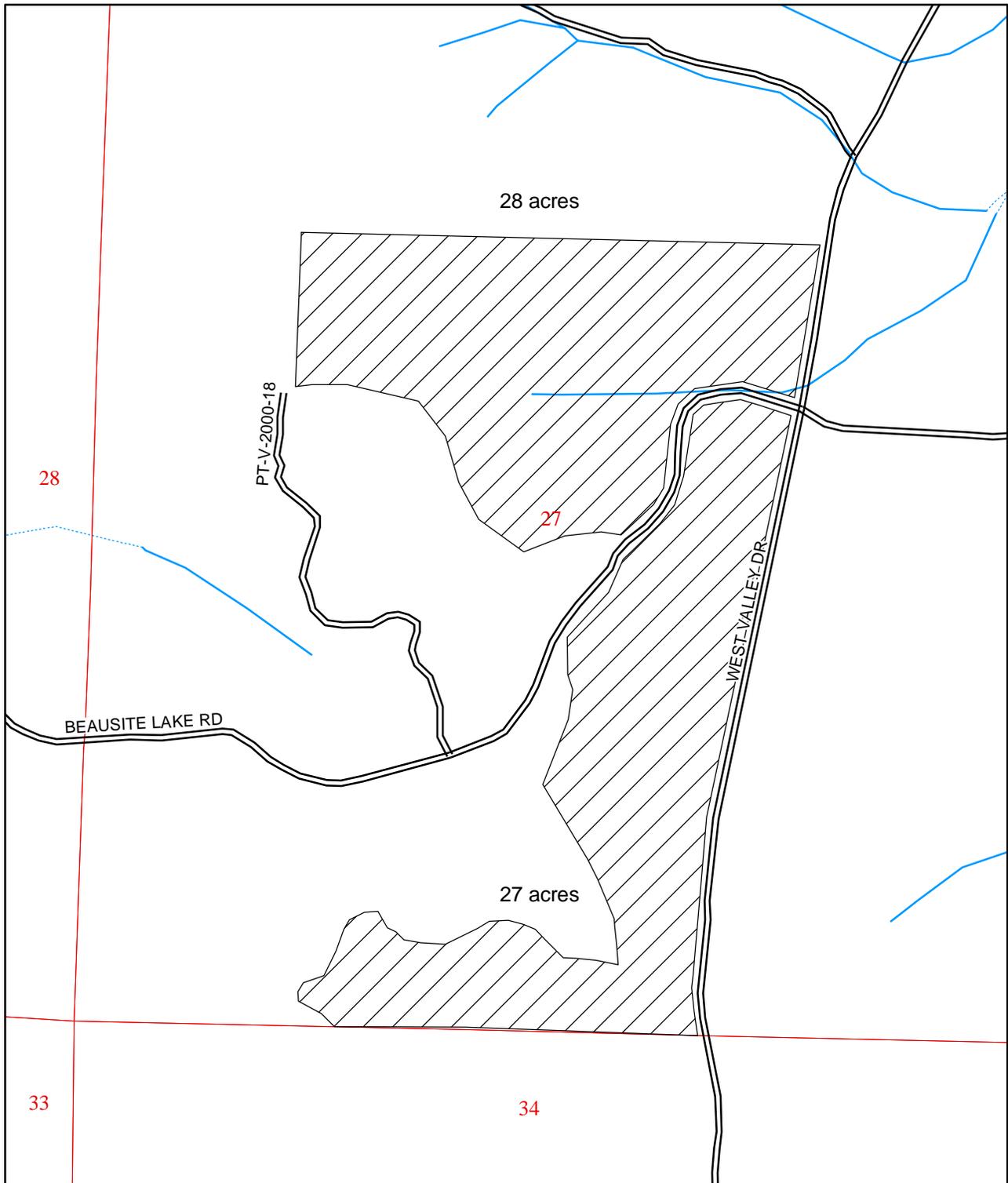
Trade Name(s) for Required Herbicide **Garlon 4®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**Big Leaf Maple is ~15ft tall at ~12-18 / acre.**

# Conifer Release Unit Map

Dragon's Back U1 & Dragon's Back U1 BLM  
55 Acres Each Treatment



1:6,000

## Legend

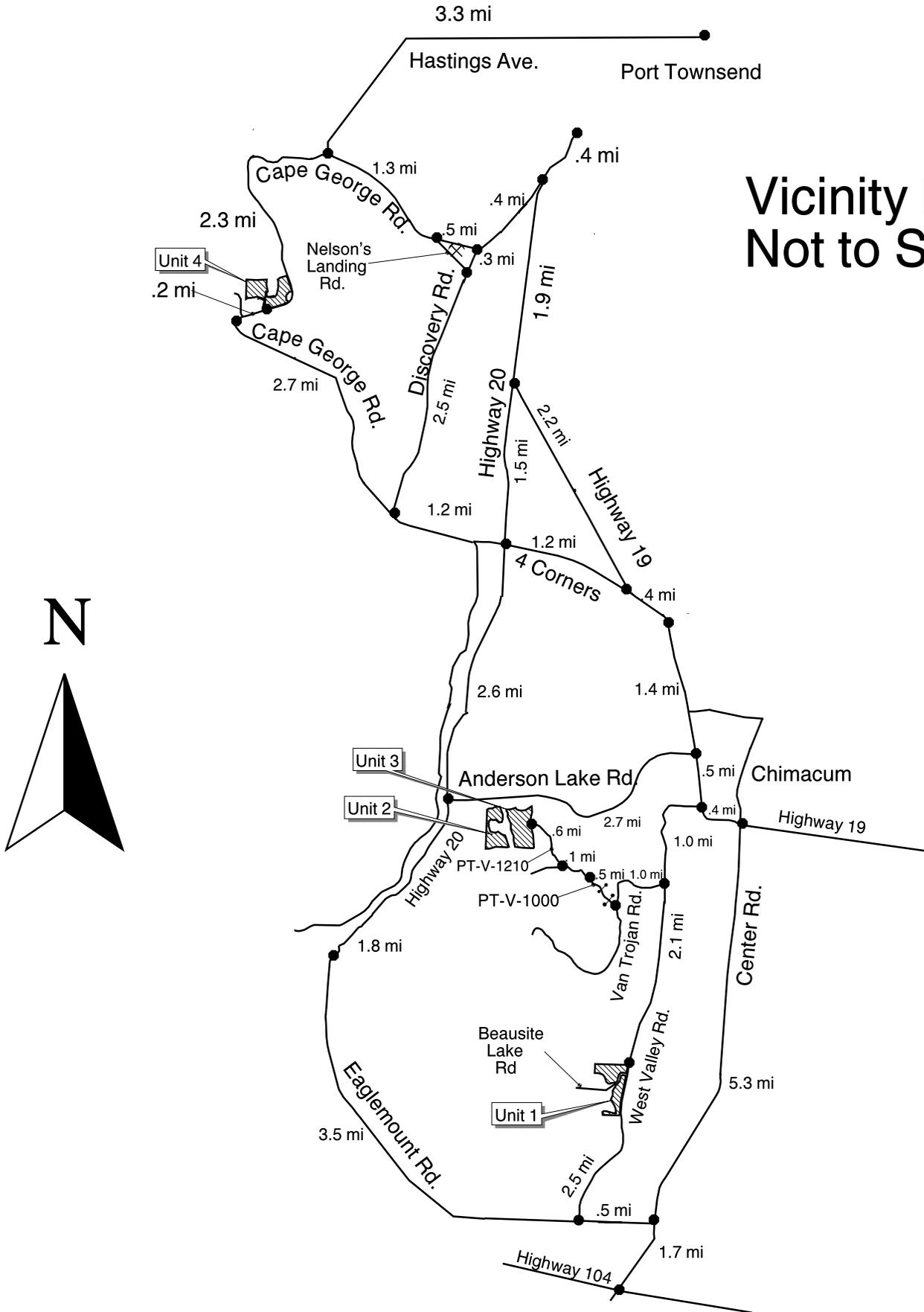
-  Treatment Area
-  Roads
-  Streams

**TIMBER SALE MAP**

**SALE NAME:** DRAGON'S BACK SORTS  
**AGREEMENT NO:** 30-076292  
**TRUST(S):** Forest Board Transfer/Common School

**REGION:** Olympic  
**COUNTY(S):** Jefferson

Vicinity Map  
 Not to Scale



Drawn By: M. Helms  
 Date: November 30, 2004

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **SE Jefferson**

Unit Name **Off Center Mix U7 - 43744**

Item Number **1**

Unit Number: **24**

Section **5**, Township **27**, Range **1W**, W.M.

Trust **01**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **11**

See unit map on page **65, 66**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big leaf maple, salmonberry, cherry, blackberry, elderberry, black raspberry**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b>	<b>5.4 lbs/gal</b>
<b>Isopropylamine salt of Imazapyr</b>	<b>4.0 lbs/gal</b>
<b>Sulfometuron methyl</b>	<b>75% by weight</b>
Carrier <b>Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2 ) quarts per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **456-476 ft.**

Slope **0-9%**

Aspect **N/A**

Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

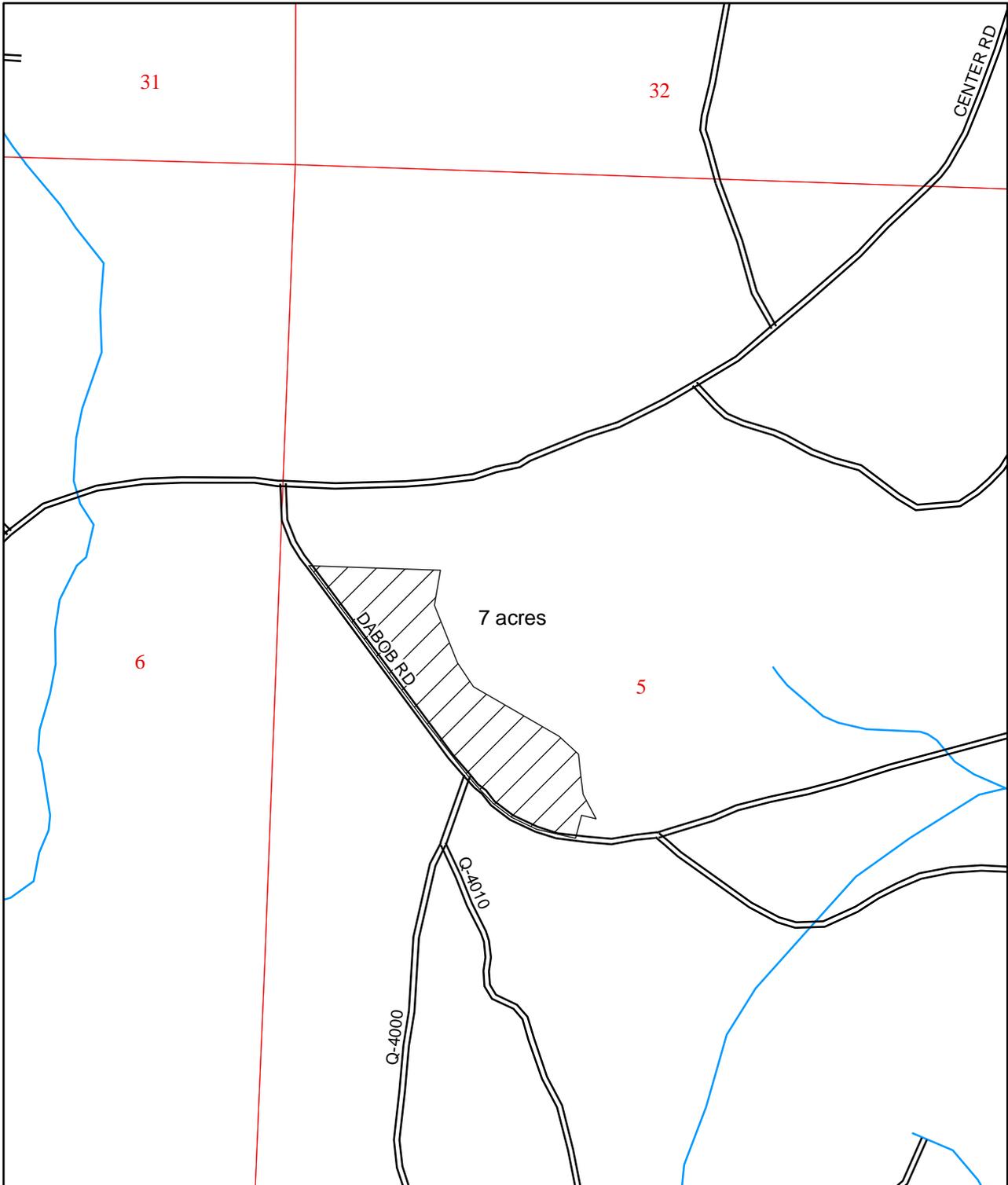
**\*The 2 acre central portion along the road only requires a spot spray.\***

**Salmonberry is the main competitor and is ~3ft. tall.**

# Conifer Release Unit Map

Off Center Mix U7

7 Total Acres



1:6,000

## Legend

 Treatment Area

 Roads

 Streams

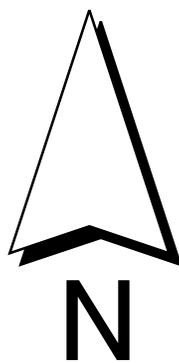
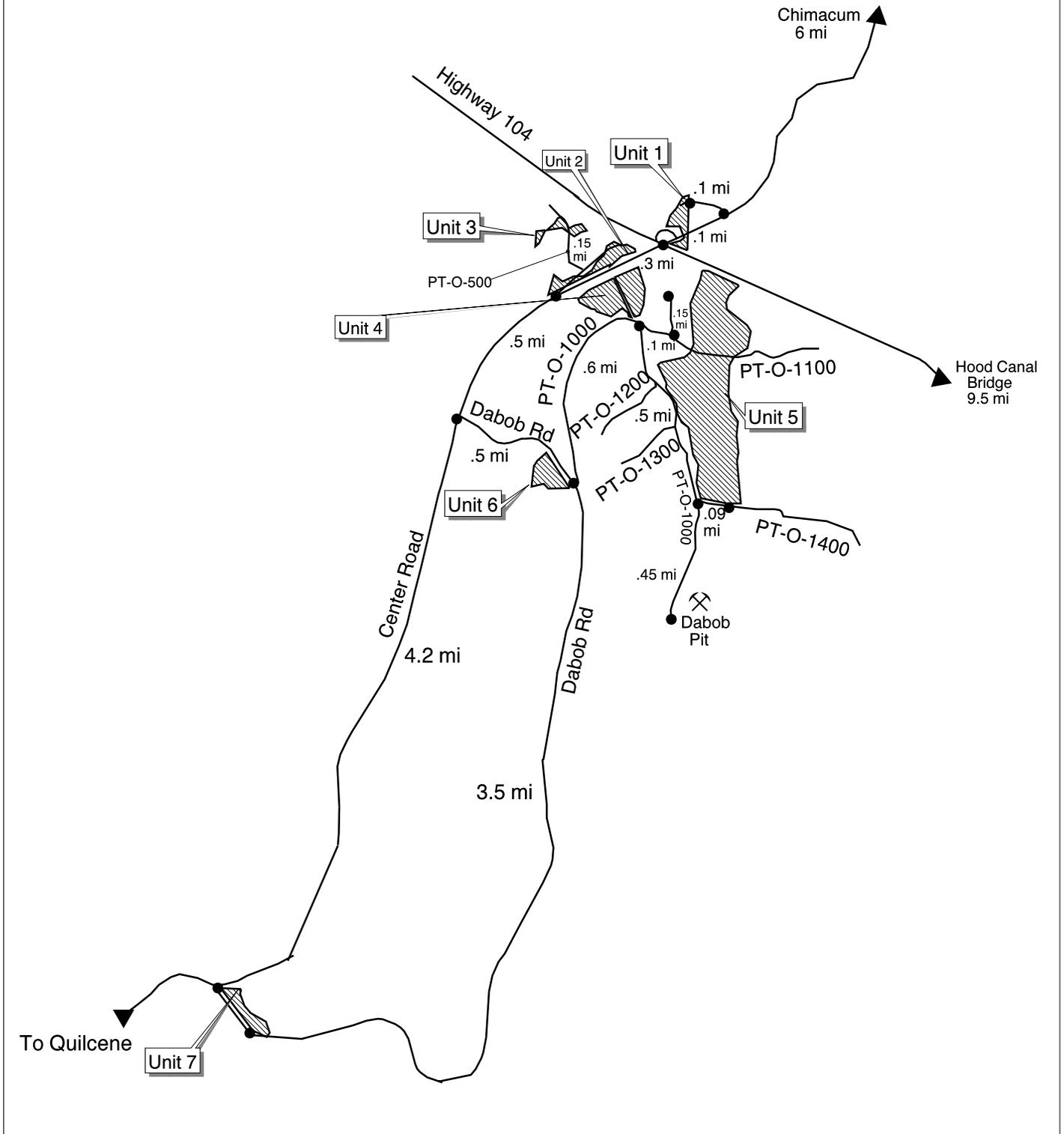


# TIMBER SALE MAP

**SALE NAME:** OFF CENTER MIX  
**AGREEMENT NO:** 30-076297  
**TRUST(S):** Common School/Forest Board Transfer

**REGION:** Olympic  
**COUNTY(S):** Jefferson

## Vicinity Map Not to Scale



Drawn By: M. Helms  
Date: March 9, 2005  
Elevation: 0 - 500'

SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **SE Jefferson**

Unit Name **Q It Up U1 - 64352**

Item Number **1**

Unit Number: **25**

Section **7**, Township **27**, Range **1W**, W.M.

Trust **01 = 7 acres**  
**03 = 25 acres**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **32**

See unit map on page **68, 77**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Salmon berry, elderberry, red alder**

Generic Name	Active Ingredients
Herbicide <b>Glyphosate</b> <b>Isopropylamine salt of Imazapyr</b> <b>Sulfometuron methyl</b>	<b>5.4 lbs/gal</b> <b>4.0 lbs/gal</b> <b>75% by weight</b>
Carrier <b>Water</b>	

Treatment Technique and Rate Ground – **backpack; foliar broadcast spray application. Use one and one half (1 1/2 ) quarts per acre Accord Concentrate®, three (3) ounces Arsenal AC® per acre, three (3) ounces Oust XP® per acre, plus four (4) ounces Activator 90® (non-ionic) surfactant per acre or two (2) ounces Sylgard 309® (silicone) surfactant per acre. Total solution including water to be applied is eight (8) gallons per acre.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **586-647 ft.**

Slope **0-8%**

Aspect **N/A**

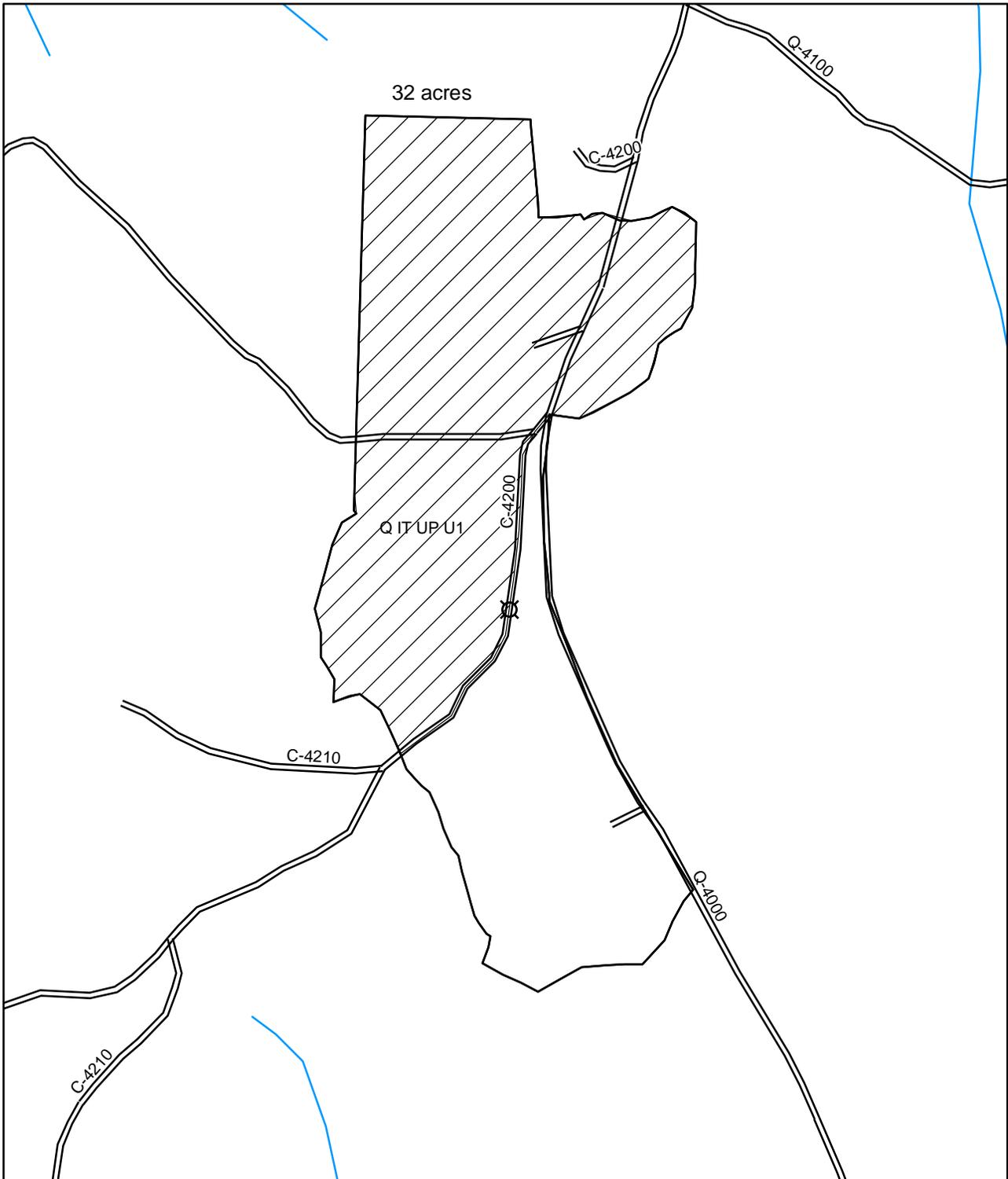
Trade Name(s) for Required Herbicide **Accord Concentrate®, Arsenal AC®, Oust XP®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**The vegetation is post emergent and is ~3ft. tall.**

# Conifer Release Unit Map

Q It Up U1  
32 Acres Total



1:6,000

## Legend

 Treatment Area

 Roads

 Gate

 Streams



SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **SE Jefferson**

Unit Name **Q It Up U1 BLM - 64352**

Item Number **1**

Unit Number: **26**

Section **7**, Township **27**, Range **1W**, W.M.

Trust **01 = 10 acres**  
**03 = 18 acres**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **28**

See unit map on page **70, 77**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big Leaf Maple**

Generic Name	Active Ingredients
Herbicide <b>Triclopyr</b>	<b>4.0 lbs/gal</b>
Carrier <b>Basal Oil</b>	

Treatment Technique and Rate **Ground – backpack; low-volume basal spray application. Use 25% Garlon 4® and 75% basal oil per gallon of spray solution. Spray in a manner that thoroughly wets the circumference of basal parts of stems, but not to the point of runoff, and forms a continuous band around individual canes in the clump. Applications will wet the root collar area where stems originate from the stump, and be below the first lateral branch. Do not allow herbicide solution to drift or otherwise come into contact with conifer seedlings in the unit.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **586-647 ft.**

Slope **0-8%**

Aspect **N/A**

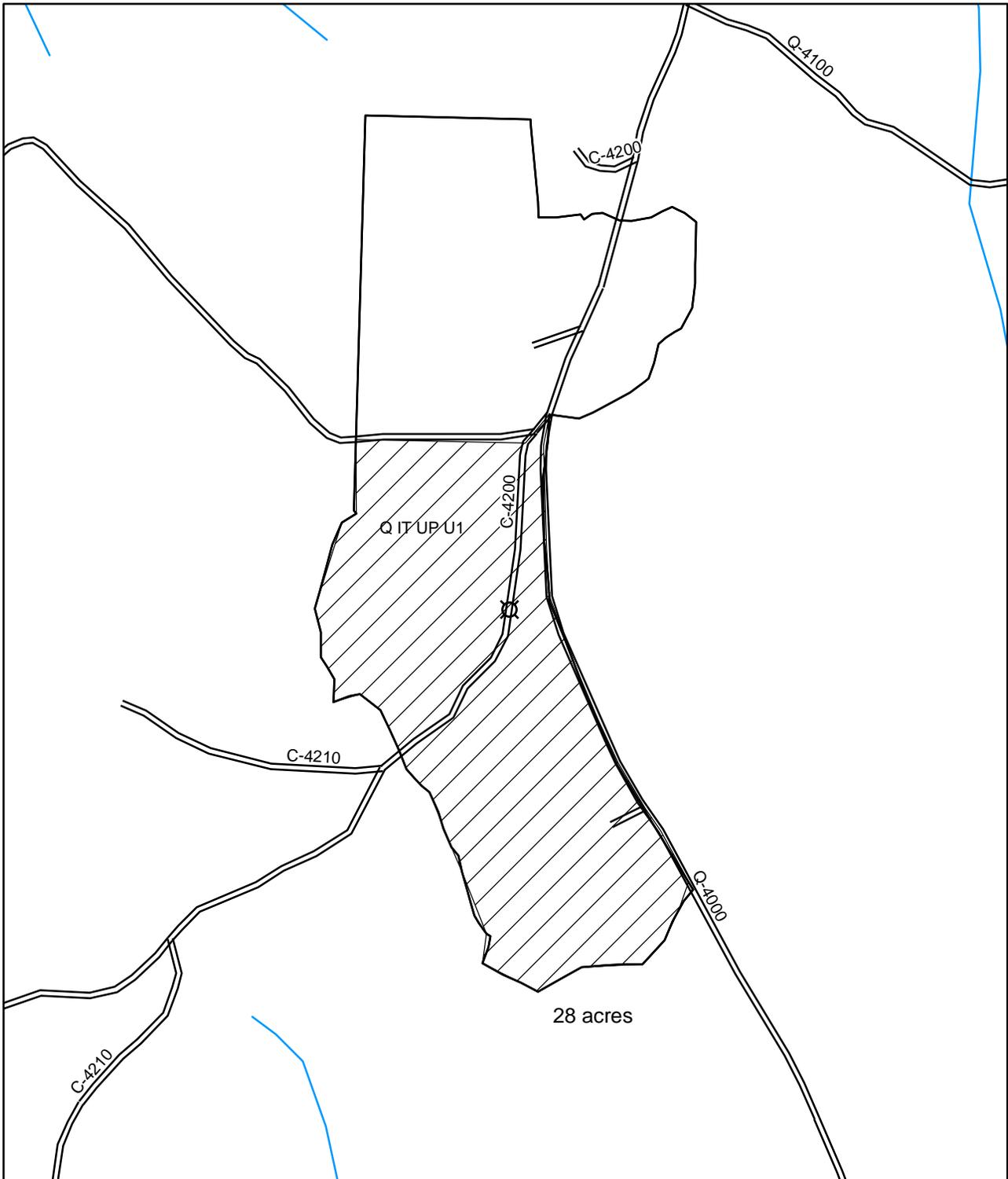
Trade Name(s) for Required Herbicide **Garlon 4®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**BLM is ~8 ft. tall and at 5-15 / acre.**

# Conifer Release Unit Map

Q It Up U1 BLM  
28 Acres Total



1:6,000

## Legend

-  Treatment Area
-  Roads
-  Gate
-  Streams



SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **SE Jefferson**

Unit Name **Q It Up U2 BLM- 64353**

Item Number **1**

Unit Number: **27**

Section **17**, Township **27**, Range **1W**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **35**

See unit map on page **72, 77**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big Leaf Maple**

Generic Name

Active Ingredients

Herbicide **Triclopyr**

**4.0 lbs/gal**

Carrier **Basal Oil**

Treatment Technique and Rate **Ground – backpack; low-volume basal spray application. Use 25% Garlon 4® and 75% basal oil per gallon of spray solution. Spray in a manner that thoroughly wets the circumference of basal parts of stems, but not to the point of runoff, and forms a continuous band around individual canes in the clump. Applications will wet the root collar area where stems originate from the stump, and be below the first lateral branch. Do not allow herbicide solution to drift or otherwise come into contact with conifer seedlings in the unit.**

Special Requirements **Applicator's equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) "BullsEye" blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **403-601 ft.**

Slope **0-39%**

Aspect **All**

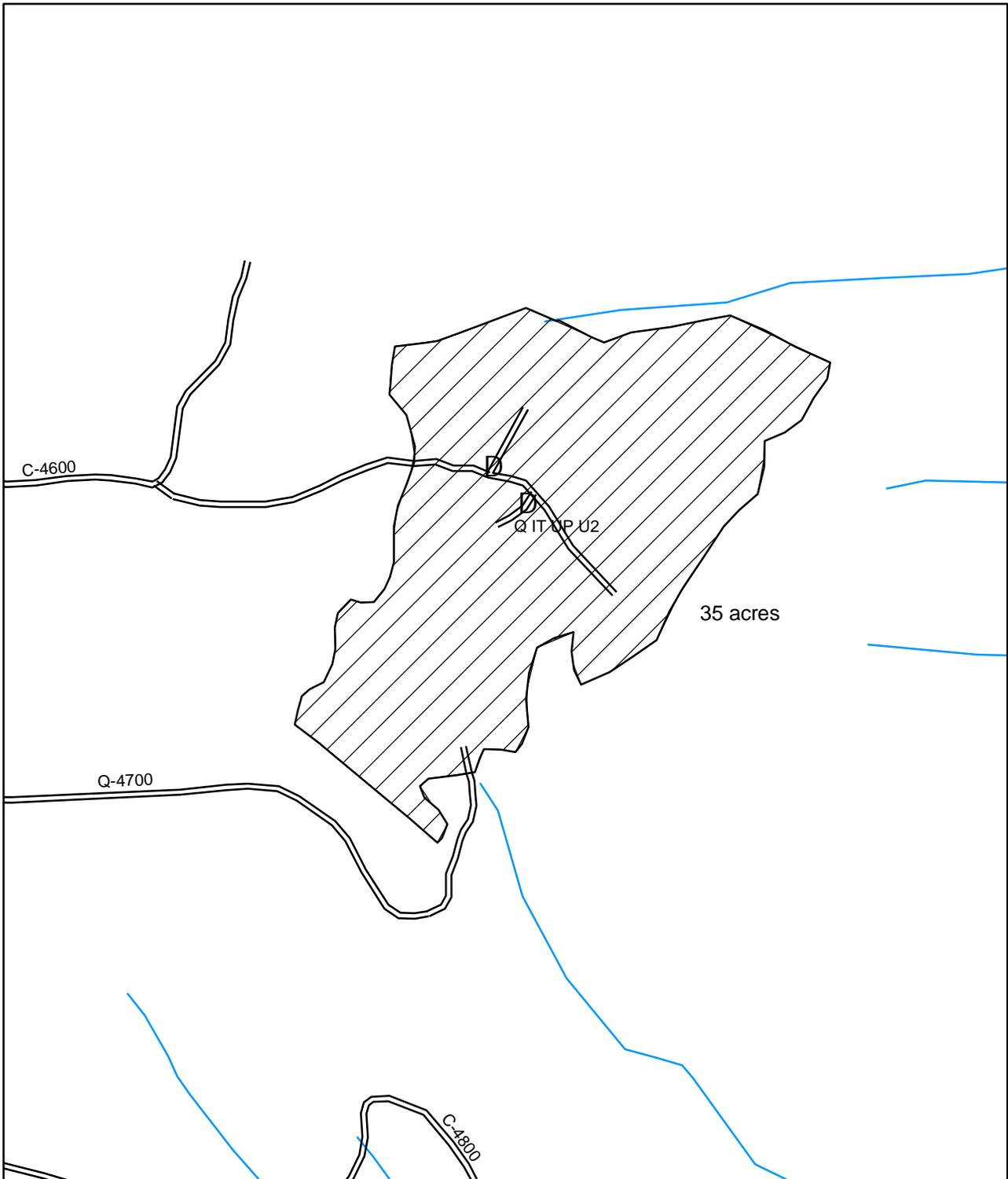
Trade Name(s) for Required Herbicide **Garlon 4®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**The BLM is ~5 ft. tall and at ~12/acre.**

# Conifer Release Unit Map

Q It Up U2 BLM  
35 Acres Total



1:6,000

## Legend

 Treatment Area

 Roads

 Road Block

 Streams



SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **SE Jefferson**

Unit Name **Q It Up U4 BLM - 64354**

Item Number **1**

Unit Number: **28**

Section **16**, Township **27**, Range **2W**, W.M.

Trust **01 = 12 acres**  
**03 = 24 acres**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **36**

See unit map on page **74, 77**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big Leaf Maple**

Generic Name

Active Ingredients

Herbicide **Triclopyr**

**4.0 lbs/gal**

Carrier **Basal Oil**

Treatment Technique and Rate **Ground – backpack; low-volume basal spray application. Use 25% Garlon 4® and 75% basal oil per gallon of spray solution. Spray in a manner that thoroughly wets the circumference of basal parts of stems, but not to the point of runoff, and forms a continuous band around individual canes in the clump. Applications will wet the root collar area where stems originate from the stump, and be below the first lateral branch. Do not allow herbicide solution to drift or otherwise come into contact with conifer seedlings in the unit.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **448-845 ft.**

Slope **1-51%**

Aspect **West**

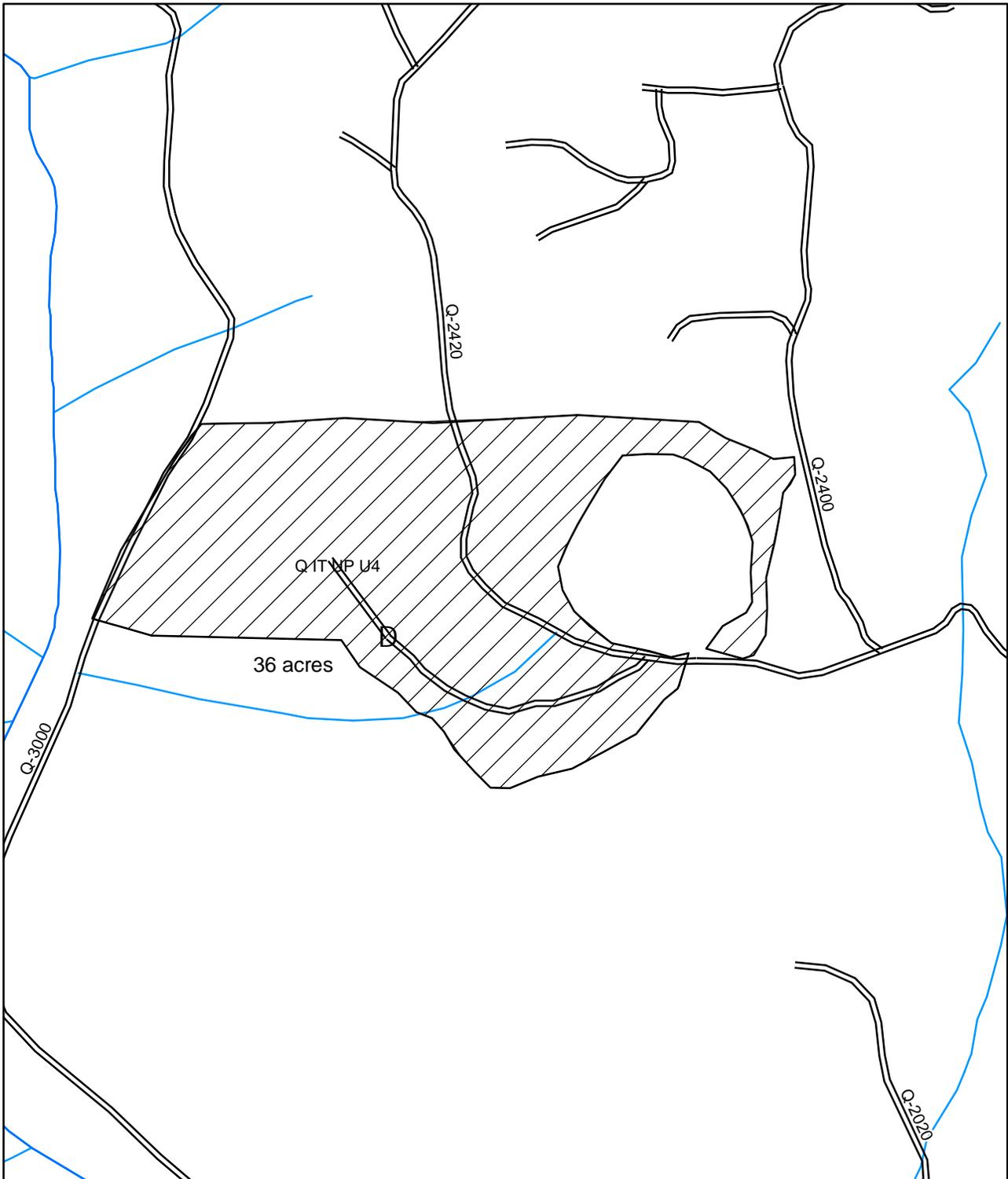
Trade Name(s) for Required Herbicide **Garlon 4®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**The BLM is ~ 12ft. tall and at 15-20/acre.**

# Conifer Release Unit Map

Q It Up U4 BLM  
36 Acres Total



1:6,000

## Legend

 Treatment Area

 Roads

 Road Block

 Streams



SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **SE Jefferson**

Unit Name **Q It Up U5 BLM - 64355**

Item Number **1**

Unit Number: **29**

Section **16**, Township **27**, Range **2W**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **40**

See unit map on page **76, 77**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big Leaf Maple**

Generic Name	Active Ingredients
Herbicide <b>Triclopyr</b>	<b>4.0 lbs/gal</b>
Carrier <b>Basal Oil</b>	

Treatment Technique and Rate **Ground – backpack; low-volume basal spray application. Use 25% Garlon 4® and 75% basal oil per gallon of spray solution. Spray in a manner that thoroughly wets the circumference of basal parts of stems, but not to the point of runoff, and forms a continuous band around individual canes in the clump. Applications will wet the root collar area where stems originate from the stump, and be below the first lateral branch. Do not allow herbicide solution to drift or otherwise come into contact with conifer seedlings in the unit.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **520-846 ft.**

Slope **0-52**

Aspect **West**

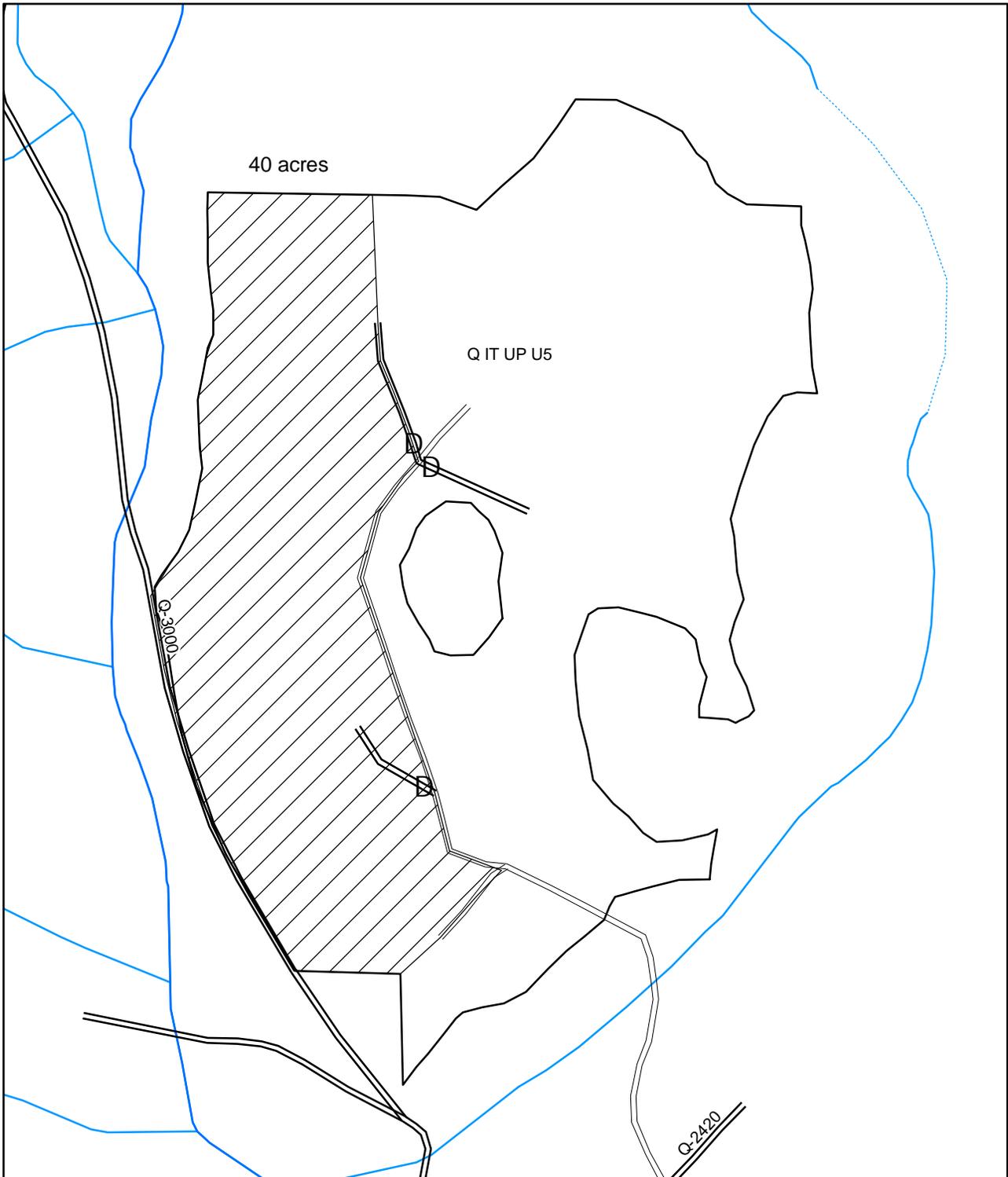
Trade Name(s) for Required Herbicide **Garlon 4®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**BLM is ~8 ft. tall and at ~8/acre.**

# Conifer Release Unit Map

Q It Up U5 BLM  
40 Acres Total



1:6,000

## Legend

 Treatment Area

 Roads

 Road Block

 Streams

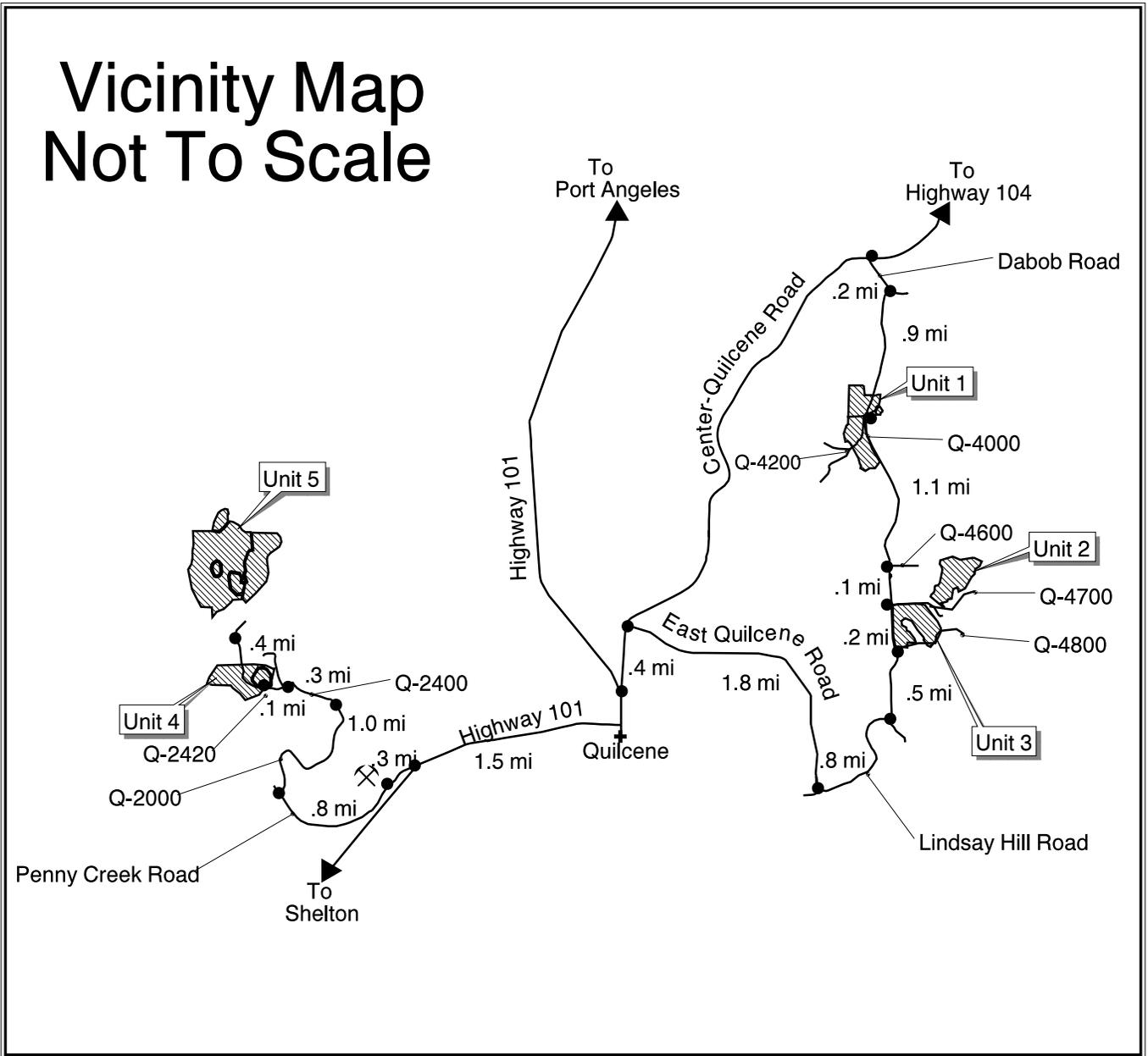


TIMBER SALE MAP

SALE NAME: Q IT UP  
AGREEMENT NO: 30-079331  
TRUST(S): Forest Board Transfer/Common School

REGION: Olympic  
COUNTY(S): Jefferson

# Vicinity Map Not To Scale



SECTION III, UNIT DESCRIPTION

CONIFER RELEASE, GROUND HERBICIDE

INVITATION TO BID/CONTRACT NUMBER 1250

Region **Olympic**

District **Straits**

Local **SE Jefferson**

Unit Name **Z Harmony U2 BLM - 24765**

Item Number **1**

Unit Number: **30**

Section **33**, Township **26**, Range **1W**, W.M.

Trust **03**

SPECIFICATIONS

Contract Period September 14<sup>th</sup> – October 9<sup>th</sup>

Net Acres **7**

See unit map on page **79, 80**.

Buffer Areas: **Buffer all flowing water 25 feet on each side.**

Vegetation to Be Treated **Big Leaf Maple**

Generic Name	Active Ingredients
Herbicide <b>Triclopyr</b>	<b>4.0 lbs/gal</b>
Carrier <b>Basal Oil</b>	

Treatment Technique and Rate **Ground – backpack; low-volume basal spray application. Use 25% Garlon 4® and 75% basal oil per gallon of spray solution. Spray in a manner that thoroughly wets the circumference of basal parts of stems, but not to the point of runoff, and forms a continuous band around individual canes in the clump. Applications will wet the root collar area where stems originate from the stump, and be below the first lateral branch. Do not allow herbicide solution to drift or otherwise come into contact with conifer seedlings in the unit.**

Special Requirements **Applicator’s equipment and application method must be in compliance with the herbicide label(s) and Washington State Department of Agriculture regulations. Weather conditions must be monitored during and after application. Upon completion of the project and prior to payment, contractor must provide a completed chemical application record to the compliance forester.**

**Apply a uniform treatment on the target species across the unit. Spray volume shall be increased in areas with heavy concentrations of target vegetation to ensure complete coverage. Contractor will provide the liquid coloring agent (dye) “BullsEye” blue to the spray solution. See clause 3-21.02.**

GENERAL INFORMATION - The following information is provided as a courtesy to bidders. This information is a general estimate and as such may not be accurate.

Elevation **107-328 ft.**

Slope **2-12%**

Aspect **N/A**

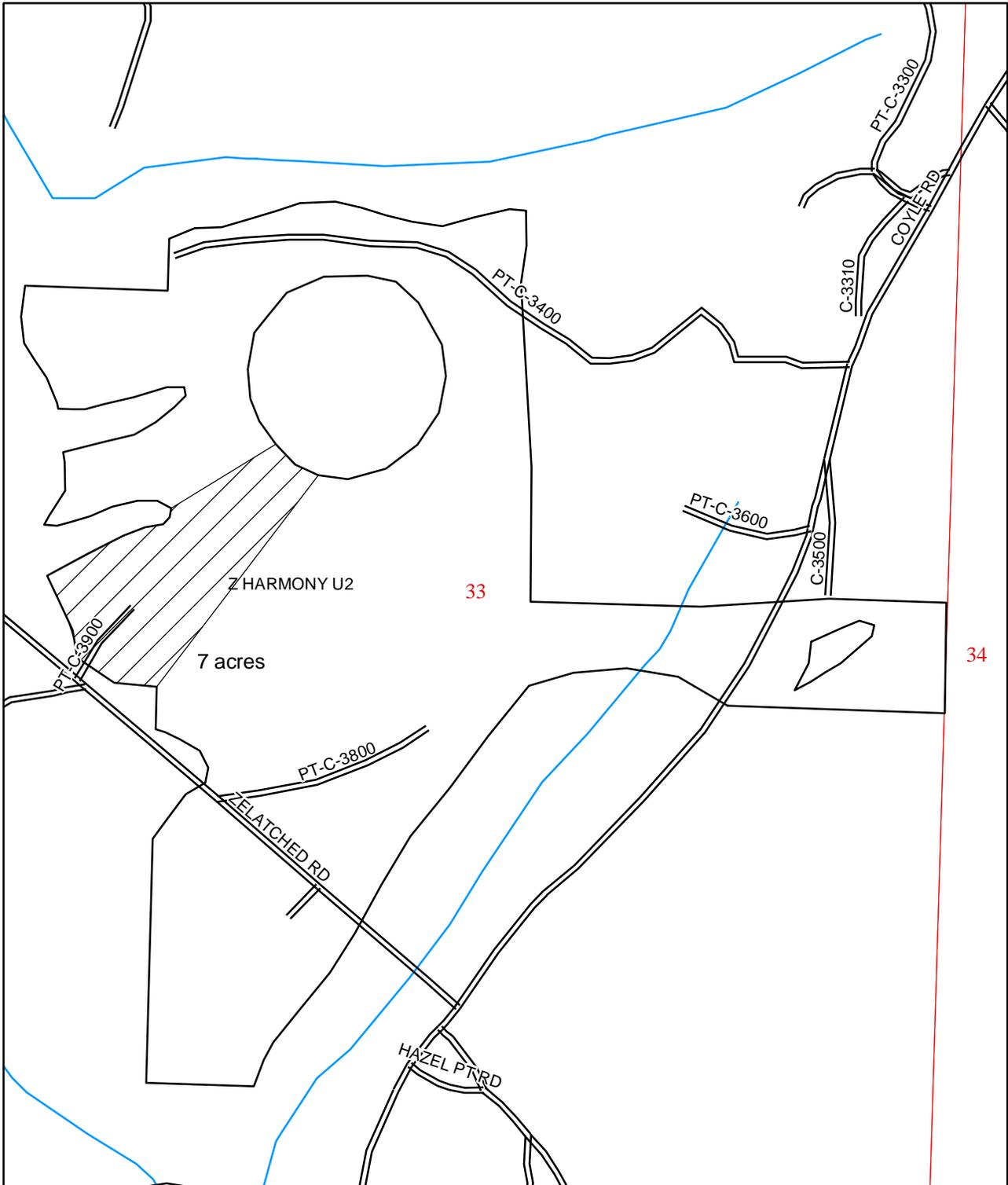
Trade Name(s) for Required Herbicide **Garlon 4®**

Vegetation Description and Additional Comments **Vegetation growing in the right-of-way of all roads within the unit boundaries shall be treated as part the broadcast treatment unless otherwise noted. Herbicides may be substituted for generics provided their percent active ingredient(s) are equal to or greater than those prescribed.**

**The BLM is about ~8ft. tall and at ~8/acre.**

# Conifer Release Unit Map

Z Harmony U2 BLM  
7 Total Acres



1:6,000

## Legend

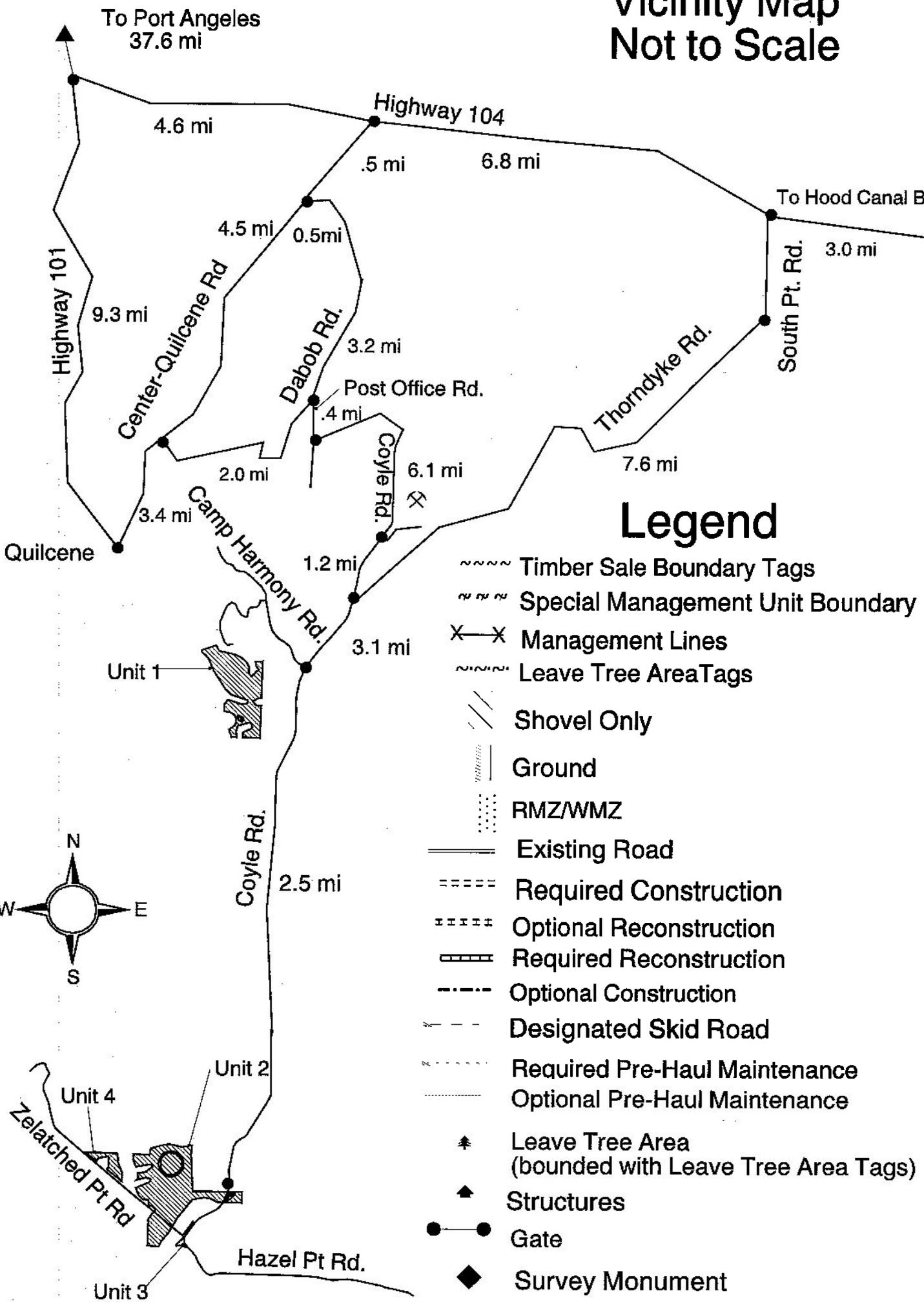
-  Treatment Area
-  Roads
-  Streams

**TIMBER SALE MAP**

**SALE NAME:** Z Harmony  
**AGREEMENT NO:** 30-074819  
**TRUST(S):** Forest Board Transfer/Common School

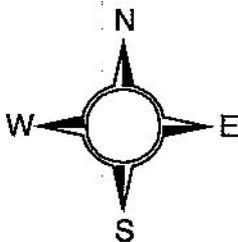
**REGION:** Olympic  
**COUNTY(S):** Jefferson

**Vicinity Map  
 Not to Scale**



**Legend**

- ~~~~~ Timber Sale Boundary Tags
- ~ ~ ~ ~ Special Management Unit Boundary
- X—X Management Lines
- ~~~~~ Leave Tree Area Tags
- //// Shovel Only
- |||| Ground
- ..... RMZ/WMZ
- ==== Existing Road
- ===== Required Construction
- ===== Optional Reconstruction
- ===== Required Reconstruction
- Optional Construction
- - - - Designated Skid Road
- Required Pre-Haul Maintenance
- Optional Pre-Haul Maintenance
- ▲ Leave Tree Area (bounded with Leave Tree Area Tags)
- ▲ Structures
- Gate
- ◆ Survey Monument
- ⊠ Stream Type
- Streams
- ≡ Wetland
- \* Water Type Break
- ⊗ Pit



Drawn By: M. Helms  
 Date: February 5, 2004

**SECTION IV  
BID FORM**

INVITATION TO BID/CONTRACT NUMBER **1250**

Award of contract shall be on an **Item** basis as per Clause 1-42.

At the following rates, the undersigned hereby offers and agrees to furnish materials, equipment, supplies, supervision, and services in compliance with all terms, conditions and specifications of Invitation to Bid/Contract Number **1250**.

Item No.	Unit No.	Unit Name	Acres <sup>1</sup>	Unit Bid Price (Per Acre)	Unit Total <sup>2</sup>
1	1	32 Studebaker U3	5	\$ _____/Ac	\$ _____
1	2	32 Studebaker U4	10	\$ _____/Ac	\$ _____
1	3	Whiteline Fever U2	30	\$ _____/Ac	\$ _____
1	4	Bustin Hump U1	9	\$ _____/Ac	\$ _____
1	5	Bustin Hump U2	16	\$ _____/Ac	\$ _____
1	6	Bustin Hump U3	21	\$ _____/Ac	\$ _____
1	7	Bustin Hump U4	12	\$ _____/Ac	\$ _____
1	8	Bustin Hump U5	35	\$ _____/Ac	\$ _____
1	9	Bustin Hump U6	27	\$ _____/Ac	\$ _____
1	10	Broken Shale / Angles	10	\$ _____/Ac	\$ _____
1	11	Drew's View U5	26	\$ _____/Ac	\$ _____
1	12	Hoko Ridge U2	27	\$ _____/Ac	\$ _____
1	13	Gerber 40 BLM	8	\$ _____/Ac	\$ _____
1	14	Blue Oly U5	93	\$ _____/Ac	\$ _____
1	15	Kings Gold U1 BLM	15	\$ _____/Ac	\$ _____
1	16	Kings Gold U2	40	\$ _____/Ac	\$ _____
1	17	Kings Gold U3	11	\$ _____/Ac	\$ _____
1	18	Dragon's Back U2	36	\$ _____/Ac	\$ _____
1	19	Dragon's Back U2 BLM	36	\$ _____/Ac	\$ _____
1	20	Dragon's Back U3	59	\$ _____/Ac	\$ _____
1	21	Dragon's Back U3 BLM	59	\$ _____/Ac	\$ _____
1	22	Dragon's Back U1	55	\$ _____/Ac	\$ _____
1	23	Dragon's Back U1 BLM	55	\$ _____/Ac	\$ _____
1	24	Off Center Mix U7	11	\$ _____/Ac	\$ _____
1	25	Q It Up U1	32	\$ _____/Ac	\$ _____
1	26	Q It Up U1 BLM	28	\$ _____/Ac	\$ _____
1	27	Q It Up U2 BLM	35	\$ _____/Ac	\$ _____
1	28	Q It Up U4 BLM	36	\$ _____/Ac	\$ _____

<b>1</b>	<b>29</b>	<b>Q It Up U5 BLM</b>	<b>40</b>	\$ _____/Ac	\$ _____
<b>1</b>	<b>30</b>	<b>Z Harmony U2 BLM</b>	<b>7</b>	\$ _____/Ac	\$ _____

Please limit my total award to a maximum of approximately 884 acres.

The business named hereon is certified by the Office of Minority and Women's Business Enterprises and is bidding as a \_\_\_\_\_ owned business. (Enter either minority or woman, if appropriate.)

Firm Name \_\_\_\_\_ Address \_\_\_\_\_

Signature \_\_\_\_\_ City and State \_\_\_\_\_

Title \_\_\_\_\_ Phone \_\_\_\_\_

Note:

Detach and return one (1) copy of this form as per Clause 1-22.

<sup>1</sup>An approximate number.

<sup>2</sup>Exclusive of Washington State Sales Tax.

SECTION V  
OFFER and CONTRACT AWARD

OFFER (For Bidder Use Only)

On condition of a contract award within sixty (60) days of bid opening and for the bid price the undersigned hereby offers and agrees to furnish materials, equipment, supplies, supervision, and services in compliance with all terms, conditions and specifications of Invitation to Bid/Contract Number 1250. Submittal of this document with authorized signature constitutes complete understanding of all terms and conditions. And further, submittal of this document constitutes acceptance of and agreement to comply with all terms and condition of the contract if awarded, and verifies that all goods and services will be available throughout the contract period.

\_\_\_\_\_  
(Company Name)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City)                      (State)                      (Zip)

\_\_\_\_\_  
(UBI No.)

\_\_\_\_\_  
(L & I Industrial Insurance Account No.)

\_\_\_\_\_  
(Farm Labor Contractor License No.)

\_\_\_\_\_  
(Federal I.D. No. or Social Security No.)

\_\_\_\_\_

By: \_\_\_\_\_

\_\_\_\_\_  
(Signature)                      (Date)

\_\_\_\_\_  
(Typed or Printed Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(phone No.)

CONTRACT AWARD (For Dept. of Nat. Resources Use Only)

Contract Number 1250 is hereby awarded and executed between \_\_\_\_\_ and the State of Washington, Department of Natural Resources, to be effective \_\_\_\_\_, 20\_\_\_\_. This award is for Item Number(s) 1\_.

State of Washington,  
Department of Natural Resources

By: \_\_\_\_\_

\_\_\_\_\_  
(Signature)                      (Date)

John Viada  
Olympic Region Manager

NOTE: Detach and return this form per clause 1-22.