



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

Olympic Region

INVITATION TO BID

Contract Number # 1345

Contract Digest: TREE PLANTING
(Professional tree planting contract that ensures maximum seedling survival and stocking requirements are met.)

Contract Scope: 2,143 acres in Clallam and Jefferson Counties

Term of Contract: December 7, 2011 through March 30, 2012

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NOTICE TO BIDDERS

You are invited to bid on this contract and are advised to examine the planting units prior to bidding.

Sealed bids will be accepted at the Department's Olympic Region office until 2:00 p.m. on Thursday, November 17th, 2011 at which time and place all bids will be opened and read aloud. Individuals who wish to request special accommodations for the bid opening (e.g., sign language, interpreters, Braille, etc.) should contact the Department ten (10) Working days prior to the scheduled bid opening.

The sealed bid envelope should be prepared in the following manner:

Addressed to: Sue Trettevik, Region Manager
c/o John Keller, Contract Manager
Washington State Department of Natural Resources Olympic Region
411 Tillicum Lane
Forks, WA 98331

Upper left corner: Bidder's Address

Lower left corner: Tree Planting – "Sealed Bid"
Invitation to Bid/Contract Number: 1345

Questions pertaining to this Invitation to Bid can be answered by contacting John Keller at 360-640-1730 or Albert Huggins at 360-640-4662. Oral explanations, interpretation, or instructions given before the award will not be binding.

The Department reserves the right to amend this Invitation to Bid/Contract by giving written notification to all known bidders at least seven (7) days prior to bid opening.

Payments on this Invitation to Bid can only be paid out to contractors who are registered with The Office of Financial Management (OFM) <http://www.ofm.wa.gov/isd/vendors.asp>. Please follow the link for instructions on how to register.

Address
Statewide Payee Desk
P.O. Box 43113
Olympia, Wa 98504-3113

Phone: 360-664-7779

DEFINITIONS

- A. 'Compliance Forester' means the Department staff who perform the compliance inspections, approves Work, recommends payment to the Contract Manager, manages the Work Schedule, and assists with seedling distribution.
- B. 'Contract' means this Invitation to Bid/Contract the Pre-Work Conference packet and all required documents provided by the contractor.
- C. 'Contract Manager' means the Department staff that processes this Contract, makes payments, provides and facilitates dispute resolution, provides technical advice to the Compliance Forester, and is the first point of contact for questions relating to this Contract or interpretation of Work. The Contract Manager may perform the duties of the Compliance Forester.
- D. 'Contractor' means the bidder who was awarded this Contract.
- E. 'Department' means the Department of Natural Resources of the State of Washington, acting through an authorized employee.
- F. 'Designated Contract Representative(s): Those individuals designated by the Contractor on the Pre Work form during the Pre Work Conference (2-11, 2-12)
- G. 'Force Majeure' means those acts that are unforeseeable and beyond the control of either party to the Contract. Acts of Force Majeure include, but are not limited to: acts of God, the public enemy, fire, or other casualty. Force Majeure may result in an equitable adjustment in the time period to complete the Contract.
- H. 'Item' means the smallest category of area that can be awarded to one contractor. This contract can be a roll-up of a large geographic area and Items are used for award purposes to identify to the contractor what portions of this contract their specific award is for.
- I. 'Planting Stock', 'Trees', 'Seedlings', 'Trees Planted', are interchangeable terms in this contract meant to identify Tree Seedlings to be planted under the terms of this contract. Multiple forms of reference exist in this contract in order to conform to standard industry terminology.
- J. 'Pre-Work Conference' is the meeting between the department and the contractor after award of the contract is made but prior to commencement of work. Items agreed upon in this meeting are signed off by both the department and the contractor and become part of the contract.
- K. 'Region Manager' means the designated Department staff responsible for managing the affairs of the Department in designated large geographic areas. The Region Manager may perform the duties of the Contract Manager.
- L. 'Unit' is the individual geographical area that the Work is to be done on. Each unit is specifically identified by number on the Bid Form (Section IV), the Unit Description, and corresponding Unit Map (Section III).
- M. 'Work Schedule' means the approved timeline for how the requirements of this contract will be fulfilled by the contractor. The work schedule is agreed upon during the Pre-Work Conference by both the department and the contractor.
- N. 'Work' means the services the Contractor is required to satisfactorily complete this Contract found in Section II Specifications for the Activity and Section III Unit Description
- O. 'Unit Bid Price' is the rate per acre or per 1000 trees written in the Unit Bid Price column of the bid form (Section IV Bid Form).

SPECIAL NOTICES

Special Notices Regarding Contract Requirements

Terms of Contract:

- 1. Work must begin on Wednesday, December 7th, 2011 unless alternative plans are approved by the Contract Manager, or the Compliance Forester anticipates conditions described in Clause 2-27.**
- 2. Minimum Crew Size shall be 12 planters and one supervisor. The maximum crew size per supervisor is 14.**
- 3. Work Days are Monday-Friday. Start time shall be no earlier than 7:00 a.m. at the tree storage cooler locations described on the Unit Description Summary spreadsheet.**
- 4. December 26th, 2011 through December 30th, 2011; January 2nd, 2012, January 16th, 2012, and February 20th, 2012 are not guaranteed work days.**
- 5. A \$1,000 Bid Deposit is required.**
- 6. Bidders may temporarily obtain an AA-1 DNR gate key for planting unit inspection prior to bidding through the Olympic Region Office. Call first at 360-374-2800 to make arrangements.**
- 7. Any contractor who, within the last two years of the start date of this contract, has had unsatisfactory performance resulting in the termination of a Department silviculture contract, will not be considered a responsible bidder unless the contractor provides government or forest industry references demonstrating acceptable performance on a minimum of 800 acres of tree planting since the time of the aforementioned termination, per Clause 1-11.**

SECTION I: INSTRUCTIONS TO BIDDERS AND CONTRACT AWARD

Bid Preparation

1-01 Unit Inspection

Bidders are expected to examine this entire Invitation to Bid/Contract and are urged to inspect the Unit(s) prior to submission of their bid. Bidder acknowledges through submission of their bid that it has ascertained the nature and location of the Work and investigated and satisfied itself as to the general and local conditions which can affect the Work or its cost, including but not limited to:

- A. Conditions bearing upon transportation, disposal, handling, and storage of materials;
- B. The availability of labor, water, electric power, and road;
- C. Uncertainties of weather, river stages, tides, or similar physical conditions at the Unit;
- D. The confirmation and conditions of the ground;
- E. Seasonal conditions that may affect the timing and use of materials needed for the Work;
and
- F. The character of equipment and facilities needed to complete the Work.

Bids should include all costs, any failure of the bidder to examine the Invitation to Bid/Contract or the Unit(s) prior to submission of the bid will not relieve the bidder from responsibility for properly estimating the cost of satisfactorily completing this contract.

Bid Submission

1-03 Offer to Contract

Your bid in response to this Invitation to Bid/Contract is an offer to contract with the Department. All offers shall remain firm for a period of 90 calendar days after the bid opening. If there is a problem and the lowest responsible bidder is unable to accept this contract the next lowest responsible bidder will be contacted for possible award. An Invitation to Bid becomes a contract when officially awarded by the Department with the return of a countersigned SECTION V - Offer and Contract Award.

1-05 Bid Contents

The bid shall include the Bid Form (Section IV), the Offer and Contract Award Form (Section V) properly completed and signed, the bid deposit specified in Clause 1-09, Contractor's Declaration of Industrial Insurance Status, and a photocopy of bidder's Washington State Farm Labor Contractors License.

1-07 Withdrawal of Bid

A bid may be withdrawn in person by a bidder's authorized representative before the opening of the bids. Bidder's representative(s) will be required to show ID and sign on the bid summary sheet before it will be released.

1-08 Rejection of Bids

To be considered, bids should conform to the above requirements, except that the Department may waive informalities and minor irregularities in bids received. The Department reserves the right to reject any or all bids received.

Bid and Performance and Damage Deposit

1-09 Bid Deposit

A bid deposit of ONE THOUSAND DOLLARS (\$1,000) is required. This deposit assures the Department that the bidder will accept award of any items on which the bidder is the lowest responsible bidder. In the event the bidder rejects award of **any item**, the bidder will forfeit the bid deposit. The bid deposit must be in the form of certified check made payable to the Washington State Department of Natural Resources and include a reference to the bid/contract number. The bid deposit must be delivered to the Department's Region Office with the delivery of the bid (Clauses 1-04 and 1-05). The bid deposit of a bidder awarded the contract will be released when the performance/damage deposit has been approved, or the bid deposit may be converted to apply to part or all of the required performance/damage deposits after contract award. Once all the bids are evaluated and the contract has been awarded, bid deposits will be returned to all unsuccessful bidders.

1-10 Performance and Damage Deposit

The bidder awarded the Contract (Contractor) agrees to furnish a performance and damage deposit of ten percent (10%) of the Contractor's total award established in the award letter. The deposit shall be in the form of certified check or cashier's check made payable to "Washington State Department of Natural Resources", irrevocable letter of credit, or a savings account assignment. This deposit guarantees performance of this Contract and payment of damages caused by operations during the performance of this Contract or resulting from Contractor's noncompliance with any contract provisions or the law. In the event the Department needs to utilize the deposit, Contractor shall replace the portion(s) by the due date indicated on the written notification from DNR.

Award of Contract

1-11 Lowest Responsible Bidder

Award of this Contract shall be to the lowest responsible bidder as determined by the Department. In determining the lowest responsible bidder, in addition to price, the following may be considered: (a) the ability, capacity, and skill of the bidder to perform the contract; (b) the character, integrity, reputation, judgment, experience, and efficiency of the bidder; (c) whether the bidder can perform the contract within the time specified; (d) the quality of performance of previous contracts; and (e) the previous and existing compliance by the bidder with laws relating to the contract or services. **Any contractor who, within the last two years of the start date of this contract, has had unsatisfactory performance resulting in the termination of a Department silviculture contract, will not be considered a responsible bidder unless the contractor provides government or forest industry references demonstrating acceptable performance on a minimum of 800 acres of tree planting since the time of the aforementioned termination.** The Department's determination that a bidder is not qualified shall result in rejection of the bid submitted.

1-12 Award Letter

The Department will make every effort to mail an award letter with instructions and a copy of the executed contract to the successful bidder within ten (10) business days of bid opening.

1-13 Conditions on Award

Within ten (10) business days after the bidder receives their award letter, the Department must receive the signed contract, the performance and damage deposit, and insurance certificate at the Department's Region Office (Page 2 Notice to Bidders). The Department may extend upon written request to the Contract Manager, the time allowed for receipt of the above items. If the bidder fails to submit the above items within the time specified, the Department may consider the contract award rejected and may terminate award of the contract.

1-14 Contract Modification or Cancellation

The Region Manager reserves the right to modify or cancel this Contract in part or whole without cause. The Contractor shall be paid only for Work performed satisfactorily prior to cancellation of the Contract.

SECTION II -A: GENERAL PROVISIONS

Legal Responsibilities

2-01 Compliance with all Laws

The Contractor shall comply with all laws and regulations of the United States, State of Washington, and counties where the Work is located. The Contractor will make any payments, contributions, remittances, and reports or statements required under those laws.

2-02 Licenses and Permits

The Contractor shall, without additional expense to the Department, obtain all required licenses and permits necessary for executing the Contract.

2-03 Indemnification and Hold Harmless

To the fullest extent permitted by law, Contractor shall indemnify, defend, and save harmless the State, agencies of the State, and all officers and employees of the State, from and against any and all claims for injuries or death, including claims by Contractor's employees, or for damages arising out of, resulting from, or incident to Contractor's performance or failure to perform the Contract. Contractor's obligation to indemnify, defend and save harmless shall not be eliminated or reduced by any alleged concurrent negligence of the State or its agencies, employees, and officers. Contractor waives its immunity under Title 51 RCW to the extent required to indemnify, defend, and save harmless the State and its agencies, officers, or employees.

2-04 Insurance

Before commencing Work, the Contractor shall obtain and keep during the term of this Contract the following liability insurance policies, insuring Contractor against liability arising out of its operations, including use of vehicles. Failure to buy and maintain the required insurance may result in termination of the Contract. The limits of insurance, which may be increased by the Department as deemed necessary, shall not be less than as follows:

- A. **Commercial General Liability (CGL) insurance**, with a limit of not less than \$1,000,000 per each occurrence. If such CGL insurance contains aggregate limits, the general aggregate limits shall be at least twice the "each occurrence" limit, and the products-completed operations aggregate limit shall be at least twice the "each occurrence" limit.
- B. **Employer's liability ("Stop Gap") insurance**, and if necessary, commercial umbrella liability insurance with limits not less than \$1,000,000 each accident for bodily injury by accident or \$1,000,000 each employee for bodily injury by disease.
- C. **Business Auto Policy (BAP) insurance**, and if necessary, commercial umbrella liability insurance with a limit of not less than \$1,000,000 per accident, with such insurance covering liability arising out of "Any Auto."

All insurance must be purchased on an occurrence basis and should be issued by companies admitted to do business within the State of Washington and have a rating of A- or better in the most recently published edition of Best's Reports. Any exception shall be reviewed and approved in advance by the Risk Manager for the Department. If an insurer is not admitted, all insurance policies and procedures for issuing the insurance policies must comply with Chapters 48.15 RCW and 284-15 WAC.

The “State of Washington, Department of Natural Resources, its elected and appointed officials, agents and employees” shall be named as an additional insured on all general liability, excess, and umbrella insurance policies.

Before using any rights granted herein, Contractor shall furnish the Department with a certificate(s) of insurance, executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements specified above. Certificate(s) must reference the Contract number 1345 in the time required by Clause 1-13.

The Contractor shall provide the Department written notice before cancellation or non-renewal of any insurance referred to herein, as prescribed in statute (RCW Title 48).

All insurance provided in compliance with this Contract shall be primary as to any other insurance or self-insurance programs afforded to or maintained by State. Contractor waives all rights against State for recovery of damages to the extent these damages are covered by general liability or umbrella insurance maintained pursuant to this Contract.

By requiring insurance herein, State does not represent that coverage and limits will be adequate to protect Contractor, and such coverage and limits shall not limit Contractor’s liability under the indemnities in this Contract.

2-05 Safety Compliance

Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the performance of the Work.

- A. During the Contract performance, Contractor shall protect the lives and health of employees performing the Work and other persons who may be affected by the Work and prevent damage to property at the Unit and adjacent property. Contractor shall comply with all applicable laws, ordinances, rules, regulations, and orders of any public body having jurisdiction for the safety of persons or property; shall protect from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection.
- B. In an emergency affecting the safety or life of employees or adjoining property, Contractor is permitted to act to prevent threatened loss or injury. Within 24 hours of any emergency, Contractor shall notify the Compliance Forester. If directed by the Compliance Forester, within five (5) business days of any emergency. Contractor shall prepare an incident report and submit it to the Department’s Region manager within five (5) business days following an emergency if directed to do so by the Compliance Forester.

2-06 Venue

Disputes arising under this Contract shall be brought in the State of Washington and the venue shall be Thurston County.

2-07 Dispute Resolution

Before initiating any litigation over the terms of this Contract, the Contractor commits to the following process:

- A. Any concerns or disputes which the Contractor has relating to this Contract shall first be brought to the attention of the Compliance Forester.

- B. If the Compliance Forester is unable to resolve the dispute to the Contractor's satisfaction, the Contractor will notify the Contract Manager in writing, with specificity, of his dispute. The Contract Manager will provide a written response within ten (10) business days.
- C. If the Contractor is not satisfied with the Contract Manager's response, he will notify the Region Manager in writing of his dispute. The Region Manager will review and set a meeting with the Contractor within fifteen (15) business days, unless the Contractor agrees to a longer period. After the meeting, the Region Manager will provide a written response.

Subcontracting

2-08 The Contractor shall not enter into any subcontract or assignment of this Contract.

Nondiscrimination

2-09 During the performance of this Contract, the Contractor shall comply with all federal and State nondiscrimination laws, regulations, and policies.

2-10 In the event of Contractor's noncompliance or refusal to comply with any nondiscrimination law, regulation, or policy this Contract may be rescinded, canceled, or terminated in whole or in part, and the Contractor may be declared ineligible for further contracts with the Department. The Contractor shall be given a reasonable time to cure this noncompliance.

Contract Work Procedure

2-11 Pre-Work Conference

The Contractor shall attend a Pre-Work Conference before beginning Work. The Compliance Forester will notify the Contractor of the time and place of the Pre-Work Conference.

2-12 Purpose of the Pre-Work Conference

The purpose of the Pre-Work Conference is to document the following on the Pre-Work Conference form:

- A. All required documentation as outlined in sections I and II of the contract have been received from the Contractor, such as insurance forms, prior to beginning Work on this Contract.
- B. Name(s) and contact information for the Contractor and Designated Contract Representative(s), including all personnel authorized to sign unit completion forms and payment invoices.
- C. Names(s) and contact information for the Contract Manager and Compliance Forester(s).
- D. The Work plan of operations including the order and time frame in which Work will occur on individual units or groups of units within this Contract.
- E. Time interval(s) at which units will be processed for payment.
- F. Clarification of any unique requirements or conditions of the Work within this Contract prior to commencing Work.

2-13 Work Delay

Contractor shall promptly notify the Compliance Forester of any actual or anticipated event which is delaying or could delay the Work, including the expected duration of the delay, the anticipated effect of the delay on the schedule, and the action being or to be taken to correct the delay. The notification does not relieve Contractor of the obligation to complete the Work within the time required by this Contract.

2-14 Non-conformances with Work Schedule

If Contractor is not in conformance with the Work schedule for reasons other than acts of Force Majeure, Contractor shall bring its activities into conformance with the schedule or request the Compliance Forester to revise the Work schedule. The Compliance Forester may require a meeting to determine if a revision is necessary. In the event the Contractor stops Work or if the initial start-up is delayed for a period of one (1) week or more, a new Pre-Work Conference may be held.

2-15 Work Days

Work shall only proceed on regular Monday through Friday business days. Work on weekends or designated State holidays requires written permission from the Compliance Forester.

2-16 Breach of Contract

Nonperformance, unsatisfactory performance, or willful violation of Contract requirements by the Contractor shall constitute breach of contract and the Department may collect liquidated damages, terminate the contract with forfeiture of the performance and damage deposit, or declare breach of contract and make a claim for actual damages suffered by the Department. Any delay or failure of performance by the Department or Contractor, other than the payment of money, shall not constitute a breach if the cause was Force Majeure.

Fire Responsibility

2-17 Washington State Forest Fire Protection Requirements

The Contractor and employees shall be familiar with the Washington State Forest Fire Protection Requirements and adhere to them. These requirements are found in:

[Revised Code of Washington Chapter 76.04](#)

2-18 Inspection

The Department may inspect the Units for adherence to regulations and presence of fire tools. Any inspection by the Department shall not limit Contractor's liability for failure to adhere to applicable regulations.

2-19 Spark Arresters

All spark emitting engines will be equipped with approved spark arresters. Spark arrestors are approved by contractors demonstration to the Compliance Forester as to functionality and serviceability onsite, prior to use of the device. The lists adopted by the agency are from the National Wildfire Coordinating Group (NWCG).

[NWCG approved spark arrestor lists.](#)

2-20 Open Fires

The Contractor shall not build any open fires on the contract area without first obtaining written permission from the Compliance Forester.

Merchantable Products

2-21 Prohibition from Removal

Contractor is prohibited from removing merchantable or potentially merchantable products from the Units. A separate agreement with the Department is required for removal of Christmas trees, boughs, brush pickings, decorative shrubs or trees, firewood, poles, posts and other merchantable or potentially merchantable material.

Garbage

2-22 Contractor shall dispose of garbage brought onto State lands in garbage disposal areas meeting all State, county, and local requirements. Garbage includes equipment maintenance, abandoned equipment, containers, and other expended materials.

Camping

2-23 Contractor is prohibited from using or authorizing its employees to use non-designated State lands, landings, or roads for camping.

Section II -B: Specifications for the Activity

2-24 Precedence between Sections

Section II-B covers the general standards that apply over the whole contract. If a change is required on a site by site basis those differences will be outlined on the Unit Description Form (Section III-A). The site specific details found on the Unit Description Form should take precedence over these general guidelines when they exist.

2-25 Workers, Supervision and Equipment

The Contractor shall provide:

- A. All Workers meeting the minimum crew size identified in Section III- Unit Description and discussed at the Pre-Work Conference;
- B. Adequate crew supervision, including at least one qualified non-planting, English speaking foreperson per fourteen (14) person crew, unless otherwise allowed by the Compliance Forester. The foreperson must have one season (at least three (3) months) of tree planting experience. Documentation of a foreperson’s experience shall be provided to the Department upon request; and
- C. Specific tool requirements are detailed in Section III-Unit Description.
- D. Vehicle where seedlings are transported in a covered, unheated compartment, such as an enclosed truck or pickup with canopy. Tarps are not acceptable covering for transport. Shelving or sufficient floor space shall be available so that seedling containers are not stacked more than five high without intermediate support.

2-26 Seedling Supply

The Department will supply Seedlings. If the Department’s supply of Seedlings is temporarily interrupted, it could cause a delay for the Contractor. If needed, the Contract will be extended to permit completion, pursuant to Clause 2-14.

2-27 Substitution of Type of Seedling Stock Types

If the Department substitutes seedlings, adjustment of the per acre or per thousand unit bid price will be made based on the stock type of the new seedlings pursuant to the following schedule:

Stock Type as Per Bid Invitation	Stock Type To Be Substituted	Percent Adjustment
1+1 or P+1 or 2+0 or P+0(> 10in ³)	P+0 (≤ 10in ³)	-10%
P+0 (≤ 10in ³)	1+1 or P+1 or 2+0 or P+0 (> 10in ³)	+10%
1+1 or P+1 or P+1/2 or 2+0 or 1+0 or P+0(> 10in ³)	1+1 or P+1 or P+1/2 or 2+0 or 1+0 or P+0(> 10in ³)	No adjustment

Table 1: Substitution of Seedling Stock Types

In the event that more than one stock type of seedlings are required for a planting unit, the adjustment in unit bid price will be prorated based on the acreage planted with each stock type. In such cases, the entire Unit will use the adjusted price.

2-28 Weather Conditions

Planting operations will be halted when the Compliance Forester determines weather conditions are injurious to the seedlings. These determinations will be made on site and communicated verbally. Weather conditions during which the Department may not allow planting include but are not limited to:

- A. Air temperature of less than 32 degrees F (32°F) or greater than 65 degrees F (65°F);
- B. Wind velocity greater than twenty (20) miles per hour;
- C. Soil frozen more than one-half (1/2) inch deep;
- D. Snow cover greater than two (2) inches; or
- E. Less than 50 percent Relative Humidity (RH).

2-30 Seedling Care During Transportation and Handling

The Contractor shall comply with the following specifications for seedling care during transportation and handling:

- A. Seedling containers shall be carefully handled at all times. No throwing, dropping, crushing, etc.
- B. Containers of seedlings shall be shaded from the sun and shielded with a reflective tarp from drying winds.
- C. Containers of seedlings shall be stored in a manner that will provide air circulation around each container. When containers are stored in snow banks, snow shall be placed around each container.
- D. Seedlings will be distributed to the workers so that no more than one container of seedlings will be open at the assembly point at one time.
- E. Opened seedling containers shall be immediately resealed. The Contractor shall supply tape and/or stapler to reseal and have them available on the Work site at all times.
- F. Seedlings carried by a worker shall be in a planting bag and arranged for easy removal of one seedling at a time. Planting bags shall not be overfilled. Seedlings should be placed in planting bags without shaking or removing soil from the roots. Seedlings should be placed in the planting bag by cupping the roots and guiding the roots into the bag. Seedlings should not be grabbed at the root collar and stuffed into the planting bag.
- G. Seedlings shall not be removed from the planting bag before a planting hole has been prepared.
- H. Seedlings shall be planted as received without pruning or culling, unless directed to do so by the Compliance Forester.
- I. If mold, dry roots, freezing, dying, or evidence of other injury is observed, the condition shall be immediately reported to the Compliance Forester.
- J. At the end of the Work day, seedlings which have been distributed but not planted shall be sealed and returned to the cooler.
- K. Contractor shall keep seedlings free from damage at all times, including but not limited to: drying, heating, smothering, freezing, drowning, or mechanical injury.

2-31 Line Planting Method

The "line" method of planting will be used by planting crews, unless otherwise permitted by the Compliance Forester. Each planter will only plant one (1) line at a time on each pass. Each line will be at the "Average Spacing" given in Clause 2-32A.

2-32 Spacing and Number of Seedlings

Seedlings shall be planted as follows:

A. Specified Average Spacing

Seedlings shall be planted over the Unit at an average spacing (see table below) which will meet the Unit Description’s specifications for seedlings required per acre after planting.

Table 2: Average Spacing Table

Seedlings Required Per Acre After Planting	Maximum Planting Spots Allowed Per Inspection Plot	Average Spacing (Feet)
200	4	14.8 x 14.8
250	5	13.2 x 13.2
300	6	12.0 x 12.0
350	7	11.2 x 11.2
400	8	10.4 x 10.4
450	9	9.8 x 9.8
500	10	9.3 x 9.3
550	11	8.9 x 8.9

B. Variation to Specified Average Spacing

The spacing of individual seedlings may vary within the limits of the minimum seedling distance where needed to locate a planting spot, so long as average spacing is maintained.

D. Minimum Seedling Distance

Seedlings shall not be planted closer than the minimum seedling distance specified in the Unit Description (Section III) from:

1. Another Contractor planted seedling;
2. An acceptable natural seedling; or
3. An acceptable previously planted seedling.

Acceptable natural or previously planted seedlings are conifer seedlings which are at least twelve (12) inches tall, well formed, and vigorous.

2-33 Planting Spots

Where available, Seedlings shall be planted near stumps, logs, dead brush, or other dead shade to provide protection from animal damage, drying winds, and solar radiation.

2-34 Plantable Spots

The number of plantable spots available will be calculated for each inspection plot (2-38) as follows: Maximum allowable planting spots (Clause 2-32(A) - Table 2: Average Spacing Table) per inspection plot minus unplantable spots. Unplantable spots are those that do not meet the conditions for clearing in 2-36A or are closer than the minimum distance specified in the Unit Description (Section III).

2-36 Satisfactorily Planted Seedlings

Seedlings must meet the following criteria to be considered satisfactorily planted. Satisfactorily Planted Seedlings are used in the analysis of the compliance inspection 2-37 done by the Compliance Forester and are used to determine payment for Work completed (Clause 2-41).

A. Preparation of Planting Spot

Preparation for planting a seedling shall include the clearing and/or scalping to mineral soil to a minimum diameter of one (1) foot located as near the center of the planting spot as is practicable.

- i. 'Clearing' means the removal of duff up to eight (8) inches deep, loosely compacted slash up to two (2) feet deep, and other accumulations such as rock, rotten wood, snow, and ice which can be removed by kicking, dragging, or the use of a planting tool.
- ii. 'Scalping' means the removal of sod and vegetation less than two (2) feet tall with a base diameter of one-fourth (1/4) inch or less.

B. Planting Hole Location and Preparation

Planting shall be as follows:

- I. The planting hole shall be located in mineral soil and as near the center of the planting spot as is practicable;
- II. The planting hole shall be vertical, broken out on three sides, and shall be wide and deep enough to fully accommodate the roots of the trees being planted; and

C. Seedling Placement in Planting Hole

Tree placement shall be as follows:

- I. All seedlings shall be suspended near the center of the planting hole with the roots in a near natural arrangement;
- II. Seedlings shall be at a depth that after filling, packing and leveling, the soil comes to a point midway between the top lateral roots and the lower needles or branches;
- III. The roots shall not be doubled up, twisted, tangled, or bunched;
- IV. Moist mineral soil shall be filled in and firmly packed around roots. The seedling should not pull loose after a firm tug on the main stem; and
- V. The planted seedling shall have the main stem and roots vertical and free to grow.

SECTION II-C: COMPLIANCE INSPECTION AND PAYMENT

Compliance Inspection

2-37 Field Inspections

The Compliance Forester will conduct periodic inspections. Inspection plot Work may be done concurrently with planting Work but will be completed no later than five (5) business days after Work completion on the Unit.

2-38 Inspection Plots

The Compliance Forester will use inspection plots using the criteria specified in the Unit Description (Section III) and the Specifications (section II) to determine the Contractor's seedling planting performance rating (Clause 2-39). Inspection plots shall be circular and have a one fiftieth (1/50) acre radius. The seedling planting performance rating will be determined from a minimum sample of five (5) plots, or two (2) plots for every five (5) acres of unit, whichever is more. The inspection plots will be well distributed over the Unit. The Compliance Forester will examine each inspection plot and record:

- A. **Plantable Spots.** The number of planting spots available under clause 2-34.
- B. **Trees Planted Per Acre.** If a unit is being paid by number of trees planted, the number of Contractor planted trees within the inspection plot will be:

From the inspection plot data, the Department will calculate the average number of trees planted per acre. The average number of trees planted per acre multiplied by the number of acres completed equals the total number of trees planted. Large openings, roads, and buffer zones have been deducted from the gross acreage and are designated on the Unit Map (Section III).
- C. **Satisfactorily Planted Seedlings.** The total number of Contractor planted seedlings that meet all applicable specifications of the Unit Description (Section III) and Clause 2-36.
- D. **Dropped or Wasted Seedlings.** The Compliance Forester will record the number of dropped and wasted seedlings found during the inspection of the Unit.

2-39 Seedling Planting Performance Rating

The rating of seedling planting performance will be expressed as a percent and will be calculated using the sum (or aggregate) of all inspection plots in a Unit. The total of all recorded values for Satisfactorily Planted Seedlings (Clause 2-36) divided by the total of all recorded values for Plantable Spots (Clause 2-34), multiplied by one hundred (100), equals the seedling planting performance rating percent:

$$\frac{\text{Total Satisfactorily Planted Seedlings}}{\text{Total Plantable Spots}} \times 100 = \text{Planting Performance Rating \%}$$

Determination of Payment

2-40 Boundaries

The boundaries depicted on Unit Map (Section III) delineate the planting area. Failure to complete Work to boundaries established by the Department renders Work in that Unit unsatisfactorily completed. The planting boundaries will consist of easily identifiable features (including but not limited to roads, streams, or abrupt changes in forest type or age). Flagging will be used for areas where identifiable features are absent. The Contractor is responsible for understanding the location of all boundaries. 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.

2-41 Determination of Payment

The acceptability and the rate of pay for planting Work performed will be based on the Seedling Planting Performance Rating (Clause 2-39). The Compliance Forester's inspection will determine the rating.

- A. **Satisfactory Planting Performance:** The Work will be satisfactory if the seedling planting performance rating is between 92 percent and 105 percent.
- B. **Rate of Pay:** The rate of pay is the Unit Bid Price (Section IV). The rate of pay will not exceed the per-acre or per-thousand rate of the Unit Bid Price.
- C. **Unsatisfactory Planting Performance:** The Work will be considered unsatisfactory if the seedling planting performance rating is greater than 105 percent or less than 92 percent.
- D. **Reduction in Payment:** The reduction in payment for unsatisfactory Work will be:
 - 1. If the seedling planting performance is rated less than 92 percent but equal to or greater than 80 percent, the rate of pay will be equal to the Unit Bid Price reduced by 3 percent for every 1 percent the seedling planting performance rating is less than 92 percent.
 - 2. If the seedling planting performance is rated at 79 percent or less, there will be no payment.
 - 3. If the seedling planting performance rating is greater than 105 percent, the rate of pay will be equal to the Unit Bid Price reduced by 3 percent for every 1 percent the seedling planting performance rating is above 105 percent.
 - 4. The Contract Manager will deduct from the Contractor's payment three dollars (\$3) per seedling found dropped or otherwise wasted by the Contractor.

2-42 Payment Examples

Example A: The Unit Bid Price is \$40 per acre and the seedling planting performance rating is 90 percent.

The seedling planting performance rating of 90 percent is two percentage points less than the 92 percent performance limit. A 3 percent reduction for each of the percentage points equals a total reduction in the Unit Bid Price of 6 percent. Therefore, 100 percent minus 6 percent equals a 94 percent rate of pay per acre which is: $94 \text{ percent} \times \$40/\text{acre} = \$37.60/\text{acre}$.

Example B: The Unit Bid Price is \$78 per thousand and the seedling planting performance rating is 80 percent.

The seedling planting performance rating of 80 percent is 12 percentage points less than the 92 percent performance limit. A 3 percent reduction for each of the percentage points equals a total reduction in the Unit Bid Price of 36 Percent. Therefore, 100 percent minus 36 percent equals a 64 percent rate of pay per thousand which is: $64 \text{ percent} \times \$78/\text{thousand} = \$49.92/\text{thousand}$.

Example C: The Unit Bid Price is \$40 per acre and seedling planting performance rating is 107 percent.

The seedling planting performance rating of 107 percent is two percentage points more than the 105 percent performance limit. A 3 percent reduction for each of the percentage points equals a total reduction in the Unit Bid Price of 6 percent. Therefore, 100 percent minus 6 percent equals a 94 percent rate of pay per acre which is: 94 percent X \$40/acre = \$37.60/acre.

2-43 Seedling Waste

Dumping, discarding, mishandling or otherwise destroying seedlings shall be considered a willful violation of the Contract and shall be considered a breach of contract (Clause 2-16).

2-44 Re-work of Unsatisfactory Units

The Compliance Forester may require the Contractor to re-work a Unit which is not rated satisfactory (Clause 2-41A). The Compliance Forester may require the rework to be completed prior to starting Work on a new Unit. Reworked areas will be reexamined for contract compliance, and will replace the previous planting performance rating.

If the Contractor refuses to re-work the Unit, the Department may terminate the contract and retain the damage and performance deposit. If the Contractor re-works the Unit and it is rated unsatisfactory, the Department may terminate the contract and the Contractor will be paid only for satisfactorily completed Work prior to termination.

2-45 Payment Schedule

In order to receive any payment the contractor must be registered with the Office of Financial Management (OFM) <http://www.ofm.wa.gov/isd/vendors.asp>.

Details of the payment schedule will be determined in the Pre-Work Conference (Clause 2-11) and will be set forth in the Work schedule. Payment shall be made as follows:

- A. **L&I Insurance Premiums.** Ten percent (10%) of all payments due Contractors who employ Workers shall be retained by the Department as security for Labor & Industries 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 10% retainage will be returned to the Contractor.
- B. **Partial Payment.** The Contractor may request partial payment when part of a Unit is completed. The Contractor or Designated Contract Representative (Clause 2-12) shall sign the unit completion form after completion of each partial Unit being submitted for payment. The Compliance Forester will make payment recommendations for the invoice and forward the unit completion form to the Contract Manager for processing.
- C. **Unit Completion Form.** The Contractor or the Designated Contract Representative and the Compliance Forester shall sign a unit completion form at the conclusion of Work and completion of the compliance inspection on each Unit.
- D. **Verification Traverse.** If a Unit's acreage is disputed, the Contractor may request a verification traverse by the Department. The request must be in writing and signed by the Contractor. The Department will base the rate of pay on the acres determined from the verification traverse. If the net acres specified in the Unit Description are correct within plus or minus five percent ($\pm 5\%$) after the verification traverse, the Contractor shall pay for the verification traverse at a rate of ten dollars (\$10.00) per one hundred (100) feet of traversed boundary.

SECTION III

A. Unit Description Summary
Mandatory Elements

B. Unit Maps

C. Vicinity Maps

BID 1345 UNIT DESCRIPTION SUMMARY - Page 1 OF 2

ADMIN INFO				SPECIES AND PLANTING REQUIREMENTS				ADDITIONAL INFORMATION				
ITEM #	UNIT #	FMU NAME	ACRES	SPECIES	STOCK TYPE & P+0 Container Size	TPA BY SPECIES	SPACING TPA	TOTAL TREES BY SPECIES	TOTAL TREES BY UNIT	ELEVATION (FT)	GATE KEY	COMMENTS
A	1	Bear Mill Divide U1	46	DF/PSF	P+0(10)/P+1	DF 300/PSF 400	12 X 12 10.4 X 10.4	DF 10,800/PSF 3,600	14,400	689 - 1198	AA-1	Plant PSF in fingers
A	2	Bear Mill Divide U2	68	DF/PSF	P+0(10)/P+1	DF 300; PSF 400	12 X 12 10.4 X 10.4	DF 21,000/PSF 3,200	24,200	637 - 1318	AA-1	Plant PSF in fingers
A	3	Frontier U1	69	DF	1+1	DF 350	11.2 X11.2	DF 24,150	24,150	480 - 1029	AA-1	
A	4	Frontier U2	52	DF	P+1	DF 350	11.2 X 11.2	DF 18,200	18,200	417 - 909	AA-1	
A	5	Boulder U2	47	SS/DF/WRC	P+0 (10) 1+1/P+1	SS 100/DF 200 /WRC 100	10.4 X 10.4	SS 4,700/DF 9,400/WRC 4,700	18,800	232 - 746	AA-1	SS along RMZ
A	6	Hey Louie U1	53	WH/SS/WRC	P+1/P+0(10)/ P+1	WH 100/SS 200/WRC 100	10.4 X 10.4	WH 5,200/SS 10,400/WRC 2,600	18,200	287 - 474	None	RY-9000/ 16B/22B East boundary line flagged
A	7	Stripes U2	34	DF/NF	P+0(10)/P+1	DF 200/NF 200	10.4 X 10.4	DF 6,800/NF 6,800	13,600	1424 - 1777	AA-1	
A	8	Stripes U3	23	SS	P+0(10)	SS 400	10.4 X 10.4	SS 9,200	9,200	754 - 1042	AA-1	
A	9	Kari Rat U1	72	DF/WRC	P+0 (10) P+0 (15)	DF 350/WRC 50	10.4 X 10.4	DF 24,850/WRC 3,550	28,400	1206 - 1998	AA-1	
A	10	Joyce Dry Sorts U1	80	DF/WRC	P+0(15)	DF 350/WRC 50	10.4 X 10.4	DF 28,000/WRC 4,000	32,000	1255 - 1652	AA-1	Leave trail right of way open
A	11	Joyce Dry Sorts U2	34	DF/WRC	P+0(15)	DF 300/WRC 50	10.4 X 10.4	DF 10,200/WRC 1,700	11,900	730 - 1127	None	
A	12	Piedmont Hill U2	79	DF	P+0(10)	DF 400	10.4 X 10.4	DF 31,600	31,600	670 - 1486	AA-1	
A	13	Piedmont Hill U3	85	DF	P+0(10)	DF 400	10.4 X 10.4	DF 34,000	34,000	1245 - 2154	AA-1	
A	14	River View Too U5	79	DF / WRC	1+1/P+1	DF 300/WRC 50	10.4 X 10.4	DF 23,700 WRC 3,950	27,650	664 - 956	AA-1	Access off Eden Valley Rd
A	15	Pleasant Park U1	31	DF/WRC	P+0(10)/P+1	DF 350/WRC 50	10.4 X 10.4	DF 10,850/WRC 1,550	12,400	1854 - 2466	AA-1	
A	16	Pleasant Park U2	53	DF/WRC	P+0(15)	DF 350/WRC 50	10.4 X 10.4	DF 18,550/WRC 2,650	21,200	1185 - 1667	AA-1	
A	17	Pleasantine U1	27	DF	1+1	DF 350	11.2 X 11.2	DF 9,450	9,450	745 - 1092	AA-1	
A	18	Pleasantine U3	66	WWP/DF	P+1/P+0(10)	WWP 400/DF 400	10.4 X 10.4	WWP 800/DF 25,200	26,000	1337 - 1917	AA-1	100' Walk-in
A	19	Deer Town U1	41	DF/WRC	P+0(10)/P+1	DF 350/WRC 50	10.4 X 10.4	DF 14,350/WRC 2,050	16,400	1606 - 1842	AA-1	
A	20	Deer Town U2	9	DF/WRC	P+0(10)/P+1	DF 350/WRC 50	10.4 X 10.4	DF 3,150/WRC 450	3,600	1546 - 1690	AA-1	
A	21	Deer Town U3	53	DF/WRC	1+1/P+1	DF 350/WRC 50	10.4 X 10.4	DF 18,550/WRC 2,650	21,200	1503 - 1672	AA-1	
A	22	Olys Remains U1	84	DF/WRC	P+0(15)	DF 200/WRC 50/DF 150	10.4 X 10.4	DF 16,800/WRC 4,200/DF 12,600	33,600	881 - 1352	AA-1	
A	23	North Texas U2	96	DF/WRC/GF	1+1/P+1/P+1	DF 300/WRC 50/GF 50	10.4 X 10.4	DF 28,800/WRC 4,800/GF 4,800	38,400	1431 - 2157	AA-1	
A	24	North Texas U3	95	DF/WRC	P+0(15)	DF 300/WRC 100	10.4 X 10.4	DF 28,500/WRC 9,500	38,000	1427 - 2070	AA-1	
A	25	DRHP #1 U1	12	DF	1+1	DF 350	11.2 X 11.2	DF 4,200	4,200	2129 - 2361	AA-1	

BID 1345 UNIT DESCRIPTION SUMMARY - Page 2 OF 2

ADMIN INFO				SPECIES AND PLANTING REQUIREMENTS				ADDITIONAL INFORMATION				
ITEM #	UNIT #	FMU NAME	ACRES	SPECIES	STOCK TYPE	TPA BY SPECIES	SPACING TPA	TOTAL TREES BY SPECIES	TOTAL TREES BY UNIT	ELEVATION (FT)	GATE KEY	COMMENTS
A	26	Longhouse Deluxe U1	66	DF/WRC	2+0/P+0(15)	DF 300/WRC 100	10.4 X 10.4	DF 19,800/WRC 6,600	26,400	54 - 692	County Lock	
A	27	Longhouse Deluxe U2	23	DF/WRC	1+1/P+0(15)	DF 350/WRC 50	10.4 X 10.4	DF 8,050/WRC 1,150	9,200	852 - 1000	None	
A	28	Longhouse Deluxe U3	2	DF/WRC	P+0(15)	DF 350/WRC 50	10.4 X 10.4	DF 700/WRC 100	800	781 - 844	None	
A	29	Thompson Center U1	70	DF/WRC	1+1/P+1	DF300/WRC 50	10.4 X 10.4	DF 21,000/WRC 3,500	24,500	158 - 303	AA-1	
A	30	Thompson Center U2	60	DF/WRC	1+1/P+1	DF 300/WRC 50	10.4 X 10.4	DF 18,000/WRC 3,000	21,000	99 - 194	AA-1	
A	31	Thompson Center U3	41	GF/DF/WRC	P+1 2+0/P+1	WRC 175/GF 175 DF 300/WRC 50	11.2 X 11.2	WRC 3,550/GF 2,100/DF 8,700	14,350	187 - 377	AA-1	
A	32	Skidder Trap U1	25	DF	1+1	DF 400	10.4 X 10.4	DF 10,000	10,000	865 - 1214	AA-1	
A	33	Skidder Trap U2	7	DF	P+0(10)	DF 400	10.4 X 10.4	DF 2,800	2,800	971 - 1145	AA-1	
A	34	Skidder Trap U3	10	DF	P+0(10)	DF 400	10.4 X 10.4	DF 4,000	4,000	1330 - 1464	AA-1	
A	35	Skidder Trap U4	67	DF/WRC	P+0(10)	DF 350/WRC 50	10.4 X 10.4	DF 23,450/WRC 3,350	26,800	1100 - 1753	AA-1	
A	36	Skidder Trap U7	43	DF/WRC	1+1/P+1	DF 350/WRC 50	10.4 X 10.4	DF 15,050/WRC 2,150	17,200	1427 - 2070	AA-1	
A	37	Skidder Trap U8	14	DF/WRC	P+1	DF 350/WRC 50	10.4 X 10.4	DF 4,900/WRC 700	5,600	955 - 1118	AA-1	
A	38	Skidder Trap U9	56	DF/WRC	P+1	DF 350/WRC 50	10.4 X 10.4	DF 19,600/WRC 2,800	22,400	939 - 1063	AA-1	
A	39	Larson Lake U1	26	DF/WWP WRC	P+0(10)/P+1 P+1	DF 200/WWP 100/WRC 100	10.4 X 10.4	DF 5,200/WWP 2,600/WRC 2,600	10,400	420 - 466	AA-1	
A	40	Larson Lake U2	65	DF/WWP WRC	1+1/P+1 P+1	DF 200/WWP 100/WRC 100	10.4 X 10.4	DF 13,000/WWP 6,500/WRC 6,500	26,000	264 - 456	AA-1	
A	41	Larson Lake U3	17	DF/WRC	1+1/P+1	DF 300/WRC 100	10.4 X 10.4	DF 5,100/WRC 1,700	6,800	400 - 559	None	
A	42	Larson Lake U4	58	DF/WRC	1+1/P+0(10)	DF 300/WRC 100	10.4 X 10.4	DF 20,100/WRC 6,700	26,800	549 - 642	None	
A	43	Tee Time U1	18	DF/WWP	P+0(10)/P+1	DF 350/WWP 50	10.4 X 10.4	DF 6,300/WWP 900	7,200	285 - 398	Pope key	
A	44	Tee Time U2	85	DF/WWP	P+0(10)/P+1	DF 300/WWP 100	10.4 X 10.4	DF 25,500/WWP 8,500	34,000	143 - 406	AA-1	
A	45	Tee Time U4	2	DF/WWP	P+0(10)/P+1	DF 300/WWP 100	10.4 X 10.4	DF 600/WWP 200	800	136 - 140	AA-1	500' walkin

TOTAL ITEM A ACRES 2143

TOTAL ESTIMATED TREES IN ITEM A 827,800

**ADDITIONAL REQUIREMENTS:
ITEM A MANDATORY ELEMENTS**

Item A Contract Period:	December 7th through March 30th, 2012	Daily Contract Start Time:	7:00 a.m. at Cooler
Minimum Crew Size:	12 Planters with one non-planting supervisor	Maximum Crew Size per Supervisor:	14 planters
Planting Tool Specification:	Planting Shovel with minimum 10" blade length	Minimum seedling distance:	6 feet
Tree Cooler Storage Locations:			
DNR Olympic Region Office, 411 Tillicum Lane, Forks, WA (Section 5 T28N R13W):		Units 1-8	
Clallam County Ranger Pit, Place Road,(Section 3 T30N R7W):		Units 9-14 (also serves as an alternate for Units 15-25)	
DNR Port Angeles Work Center, 311 McCarver Road, Port Angeles, WA (Section 7 T30N R5W):		Units 15-25 (also serves as an alternate for Units 9-14)	
DNR Center Work Center, 5310 Eglemount Road, Chimacum, WA (Section 9 T28N R1W):		Units 25-45	

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Ozette District

Township 28 N Range 13 W Sec. 13 & 14

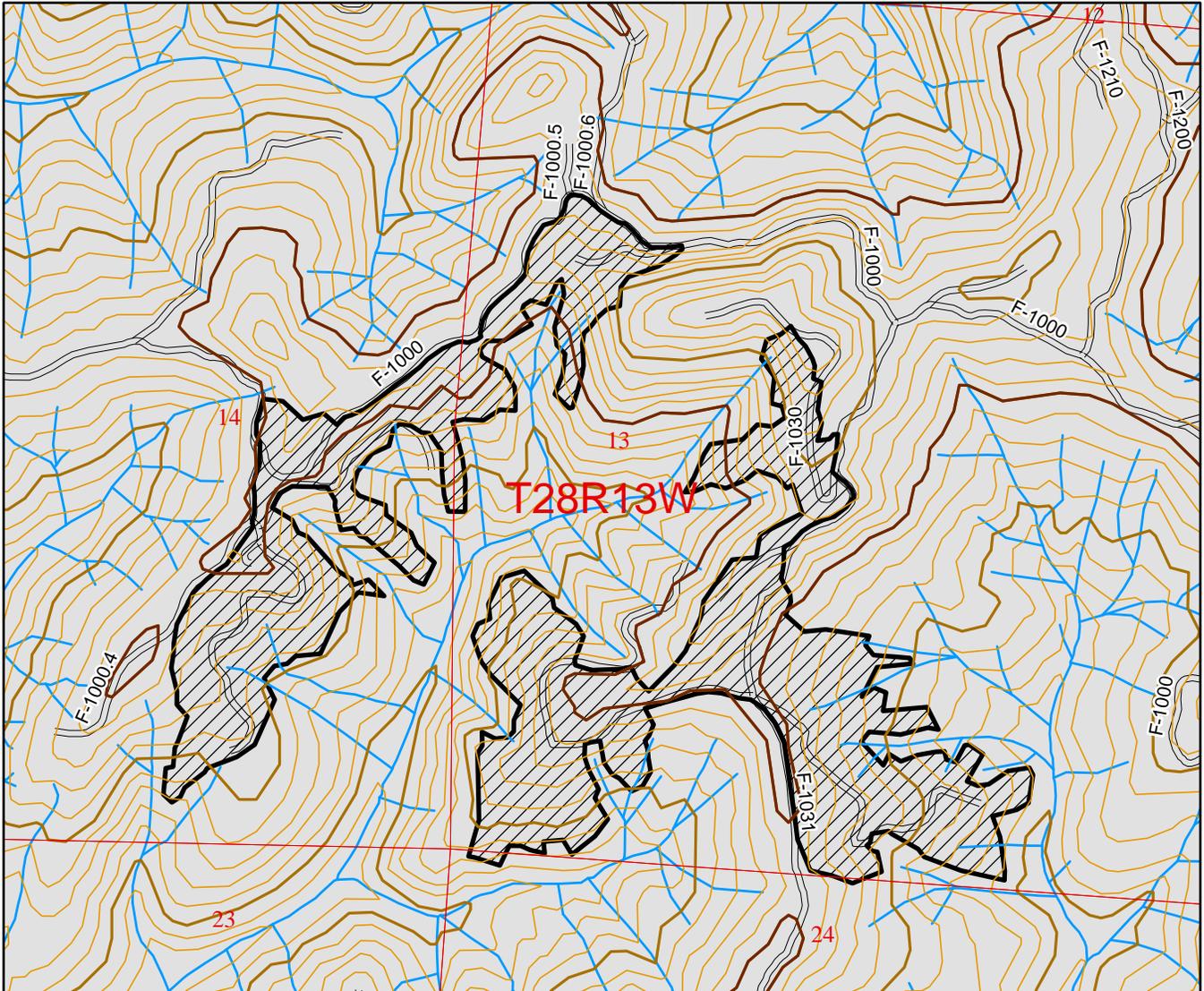
Unit Name: **BEAR MILL DIVIDE U1 & U2**

Clallam County

Item No. A

Planting Unit **1 & 2**

Planting Acres 46 & 68



Legend

- | | | |
|-----------------------------|------------------|--------------|
| Roads | Abandoned Road | 1; 12000 |
| Streams, Forest Practices | Blocked Road | 40' Contours |
| Lakes, Ponds | Gate | |
| Public Land Survey Sections | Planting Area | |
| DNR-Managed Lands | Pink Ribbon Line | |
| Wet Area | House | |



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Ozette District

Township 28 N Range 13 W Sec. 01

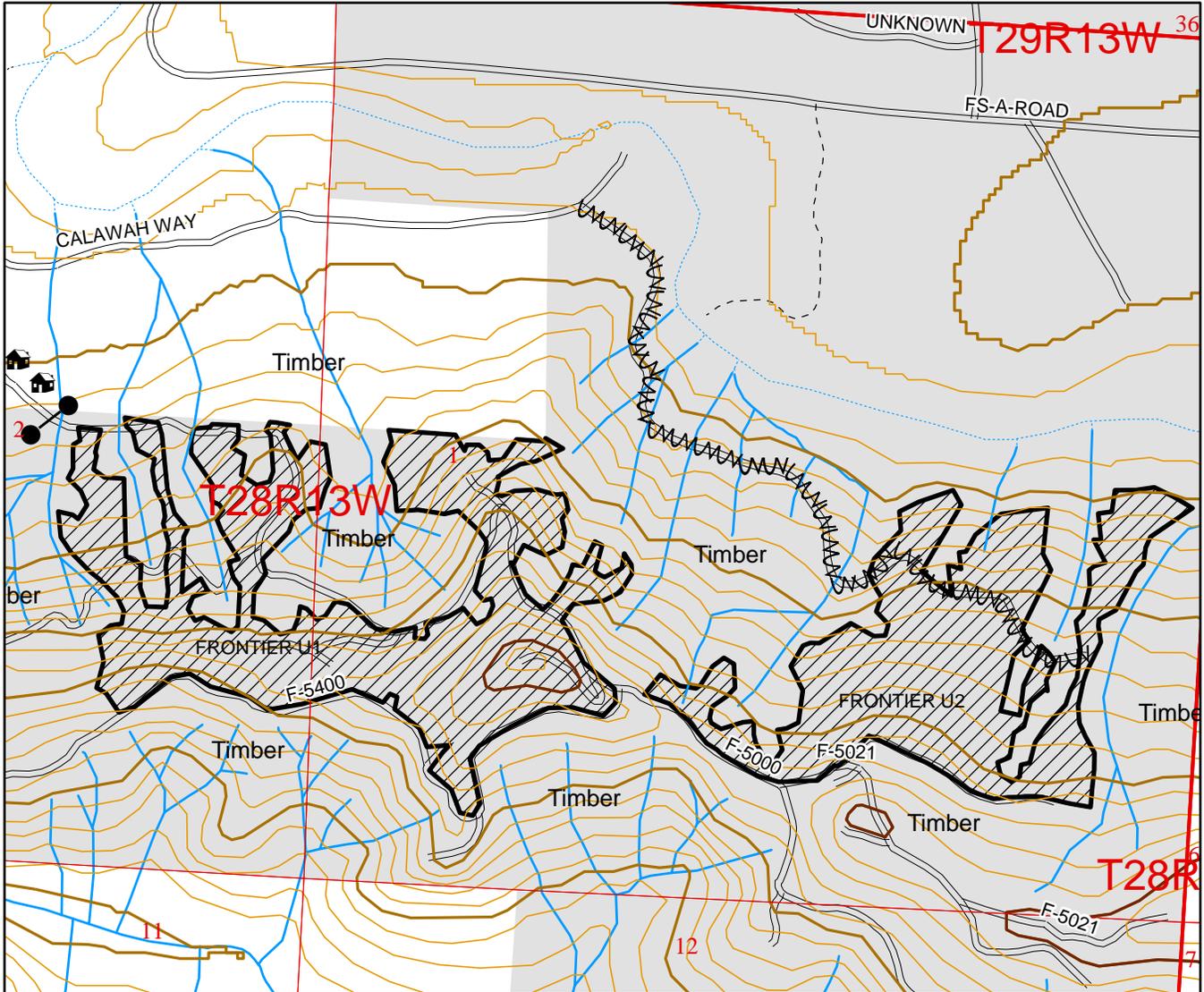
Unit Name: **Frontier U1 & U2**

Clallam County

Item No. A

Planting Unit **3 & 4**

Planting Acres 69 & 52



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Ozette District

Township 30 N Range 15 W Sec. 35

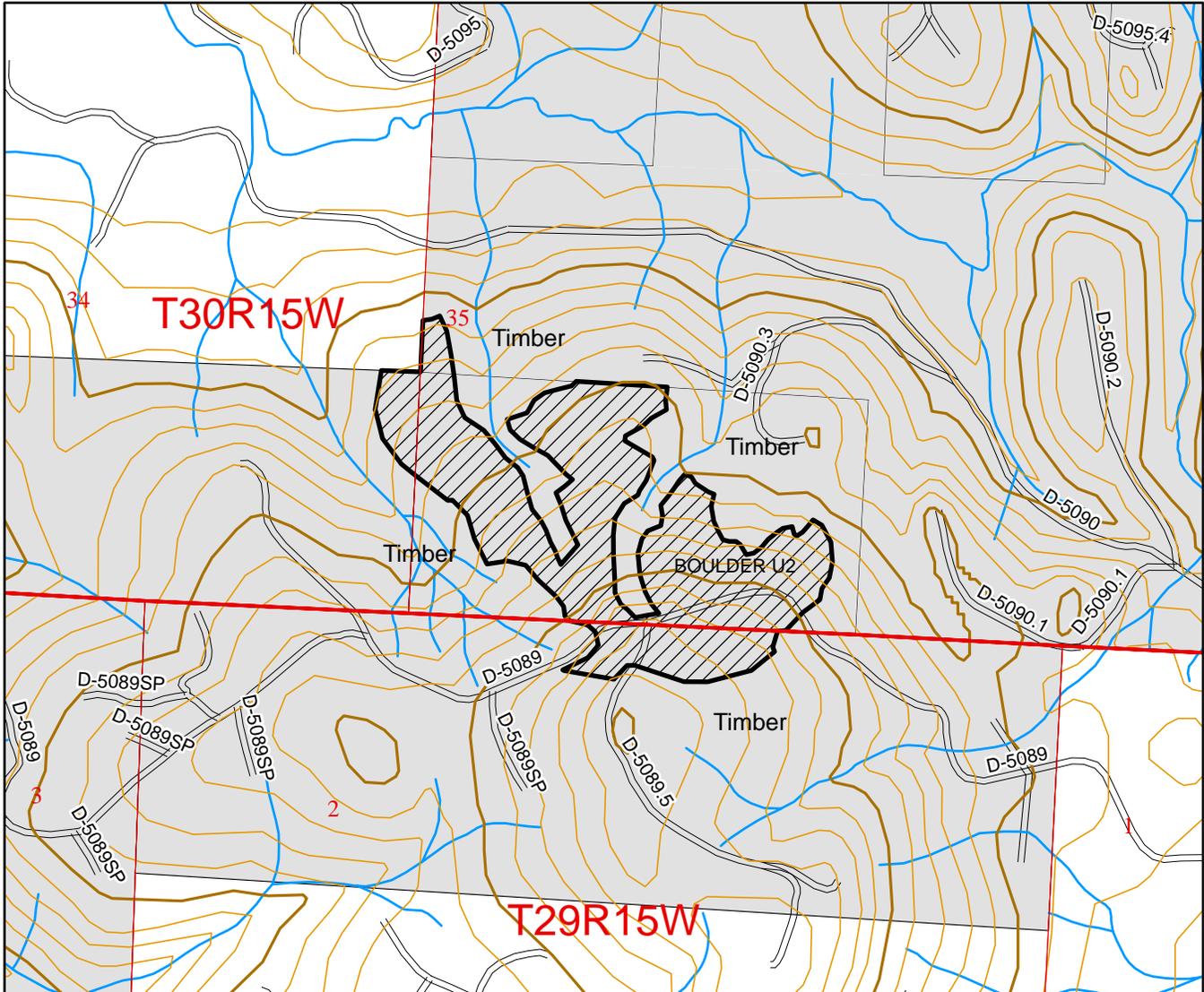
Unit Name: **Boulder U2**

Clallam County

Item No. A

Planting Unit **5**

Planting Acres 47



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Ozette District

Township 31 N Range 14 W Sec. 36

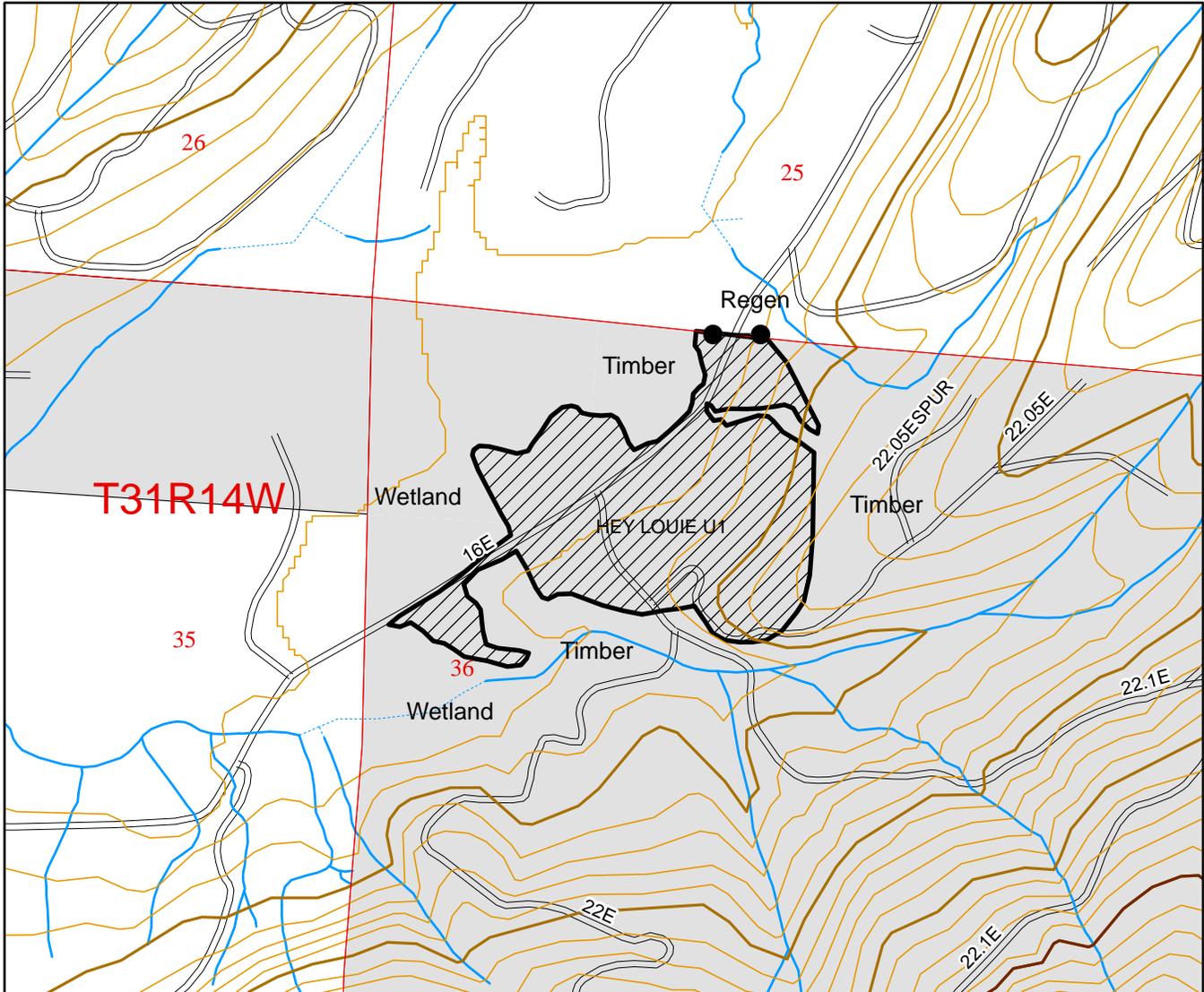
Unit Name: **HEY LOUIE U1**

Clallam County

Item No. A

Planting Unit **6**

Planting Acres 53



Legend

- | | | |
|-----------------------------|------------------|--------------|
| Roads | Abandoned Road | 1 : 12000 |
| Streams, Forest Practices | Blocked Road | 40' Contours |
| Lakes, Ponds | Gate | |
| Public Land Survey Sections | Planting Area | |
| DNR-Managed Lands | Pink Ribbon Line | |
| Wet Area | House | |



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Ozette District

Township 30 N Range 13 W Sec. 22 & 15

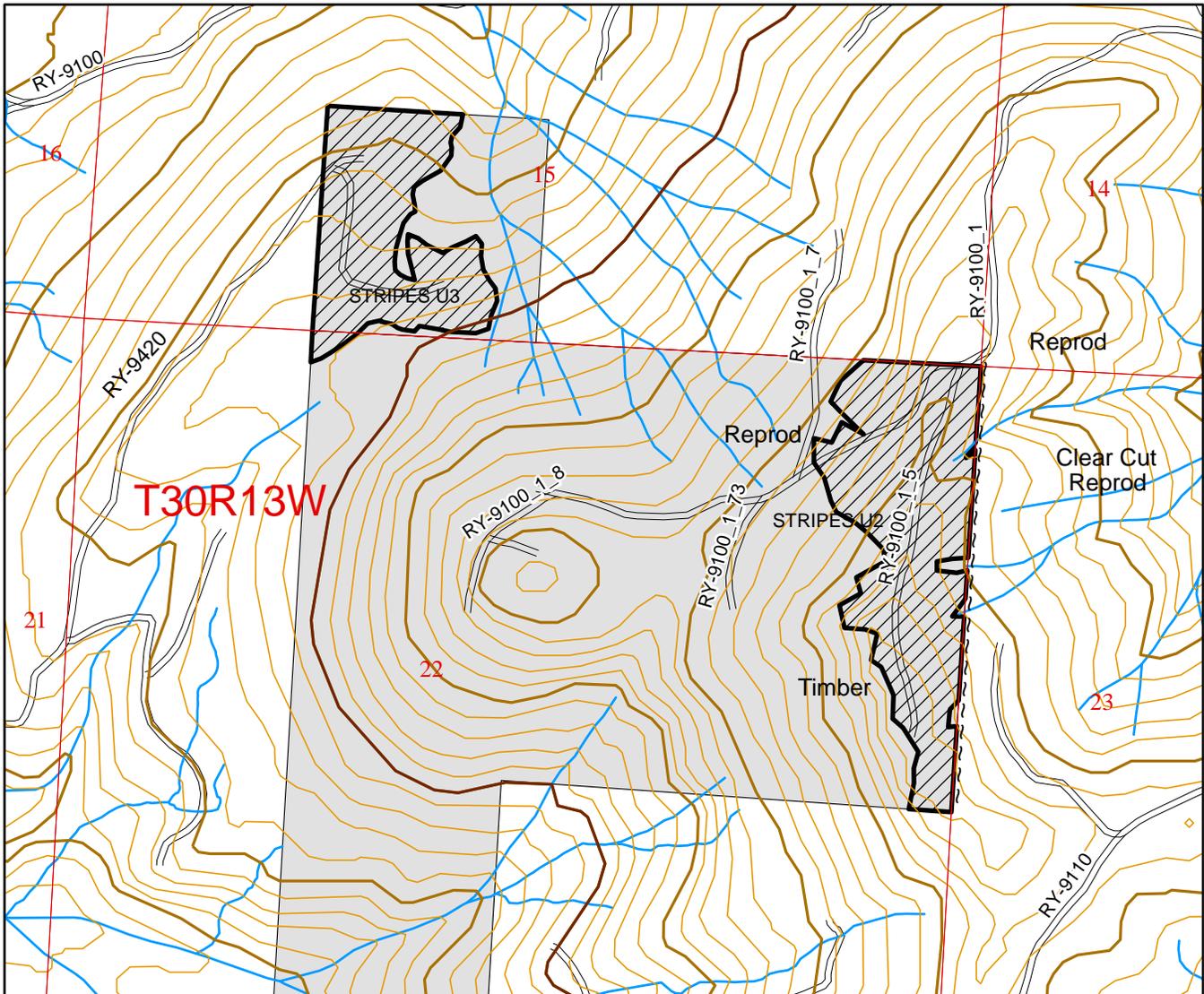
Unit Name: **Stripes U2 & U3**

Clallam County

Item No. A

Planting Unit **7 & 8**

Planting Acres 34 & 23



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 30 N Range 8 W Sec. 23

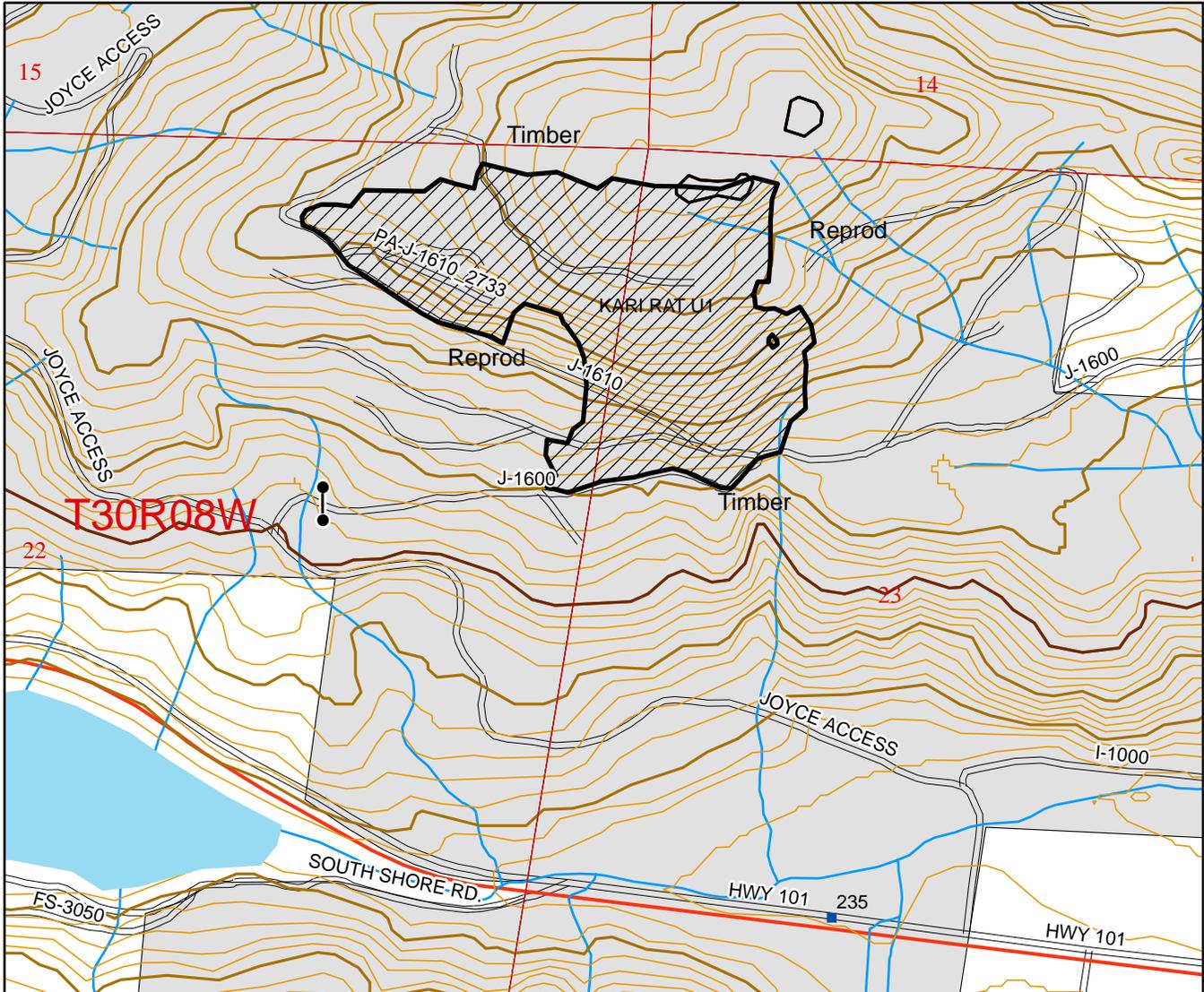
Unit Name: **KARI RAT U1**

Clallam County

Item No. A

Planting Unit **9**

Planting Acres 72



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000
40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Clallam County

Olympic Region, Straits District

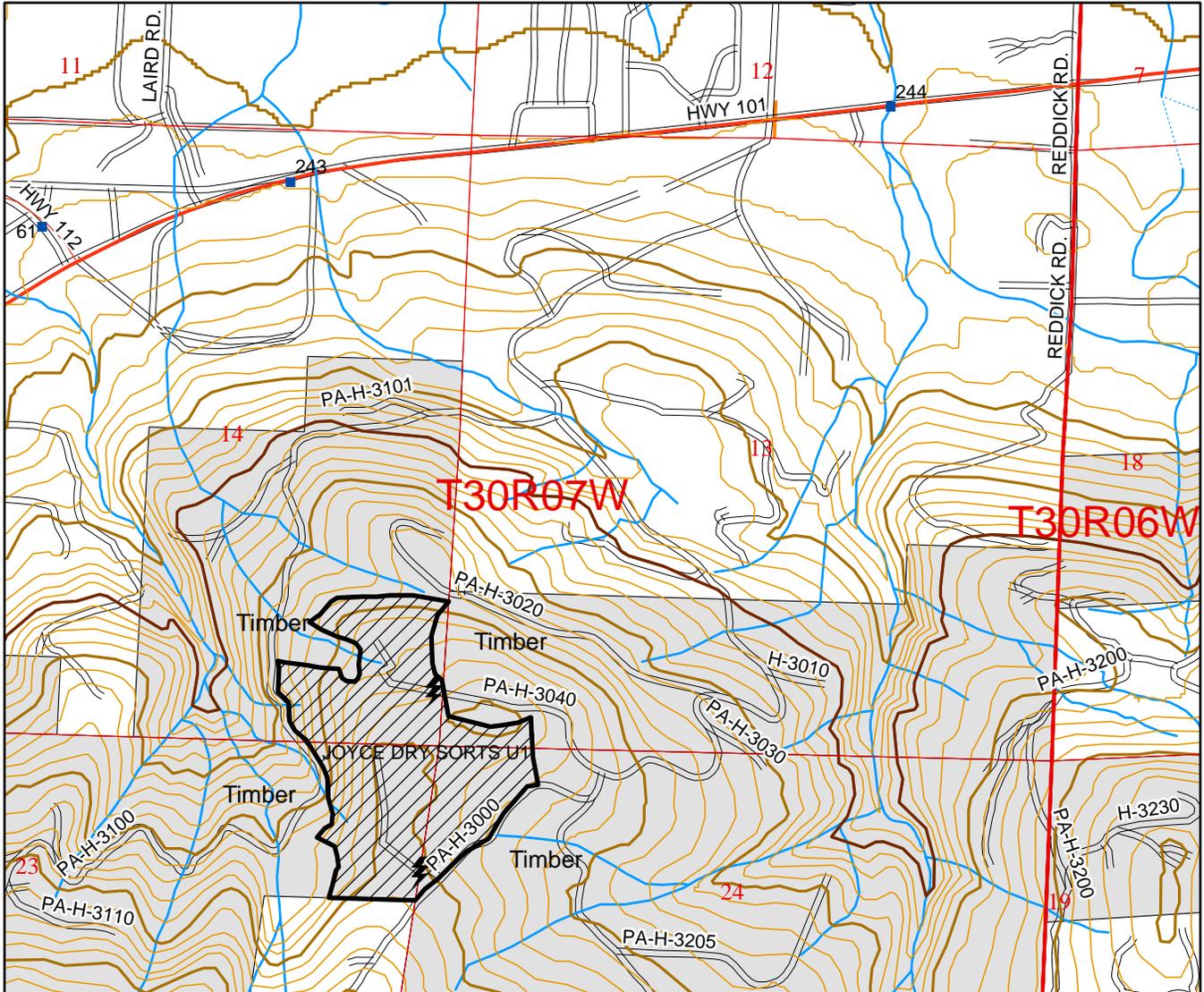
Item No. A

Township 30 N Range 7 W Sec. 14

Planting Unit 10

Unit Name: **Joyce Dry Sorts U1**

Planting Acres 80



Legend

- | | | |
|-----------------------------|------------------|--------------|
| Roads | Abandoned Road | 1 : 12000 |
| Streams, Forest Practices | Blocked Road | 40' Contours |
| Lakes, Ponds | Gate | |
| Public Land Survey Sections | Planting Area | |
| DNR-Managed Lands | Pink Ribbon Line | |
| Wet Area | House | |

Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 30 N Range 8 W Sec. 5

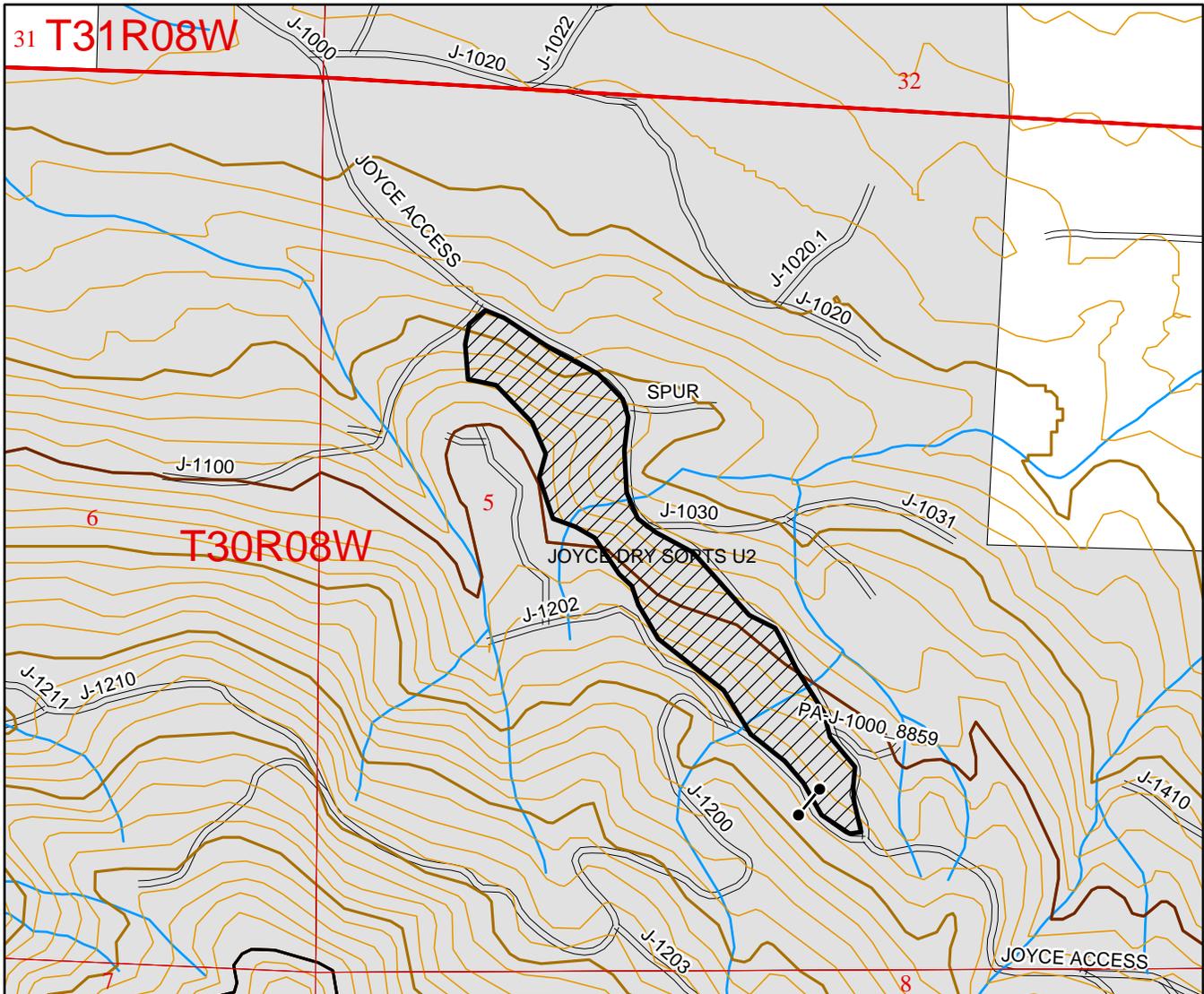
Unit Name: **Joyce Dry Sorts U2**

Clallam County

Item No. A

Planting Unit **11**

Planting Acres 34



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 30 N Range 09 W Sec. 01 & 12

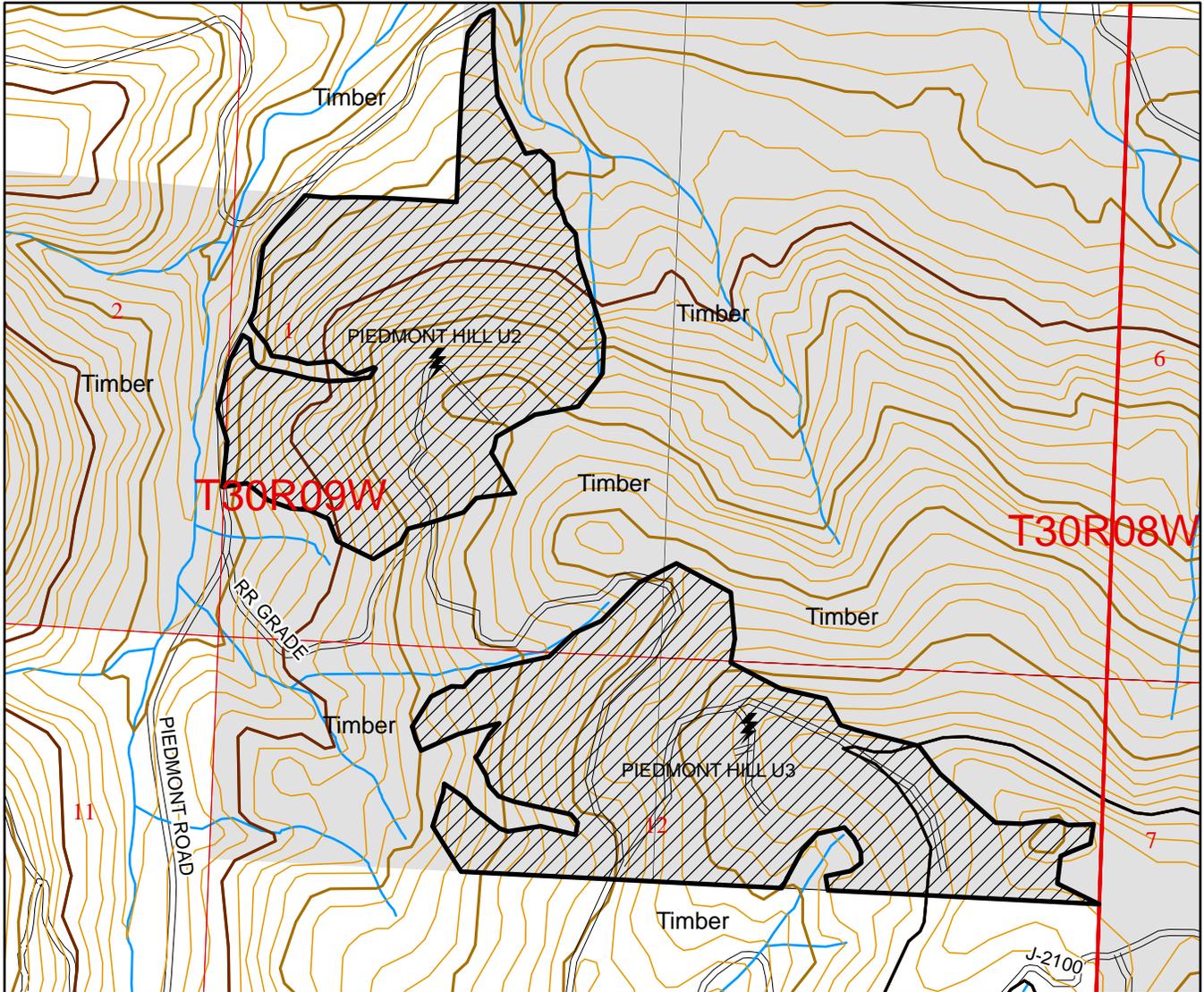
Unit Name: **PIEDMONT HILL U2 & U3**

Clallam County

Item No. A

Planting Unit **12 & 13**

Planting Acres 79 & 85



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 30 N Range 08 W Sec. 11

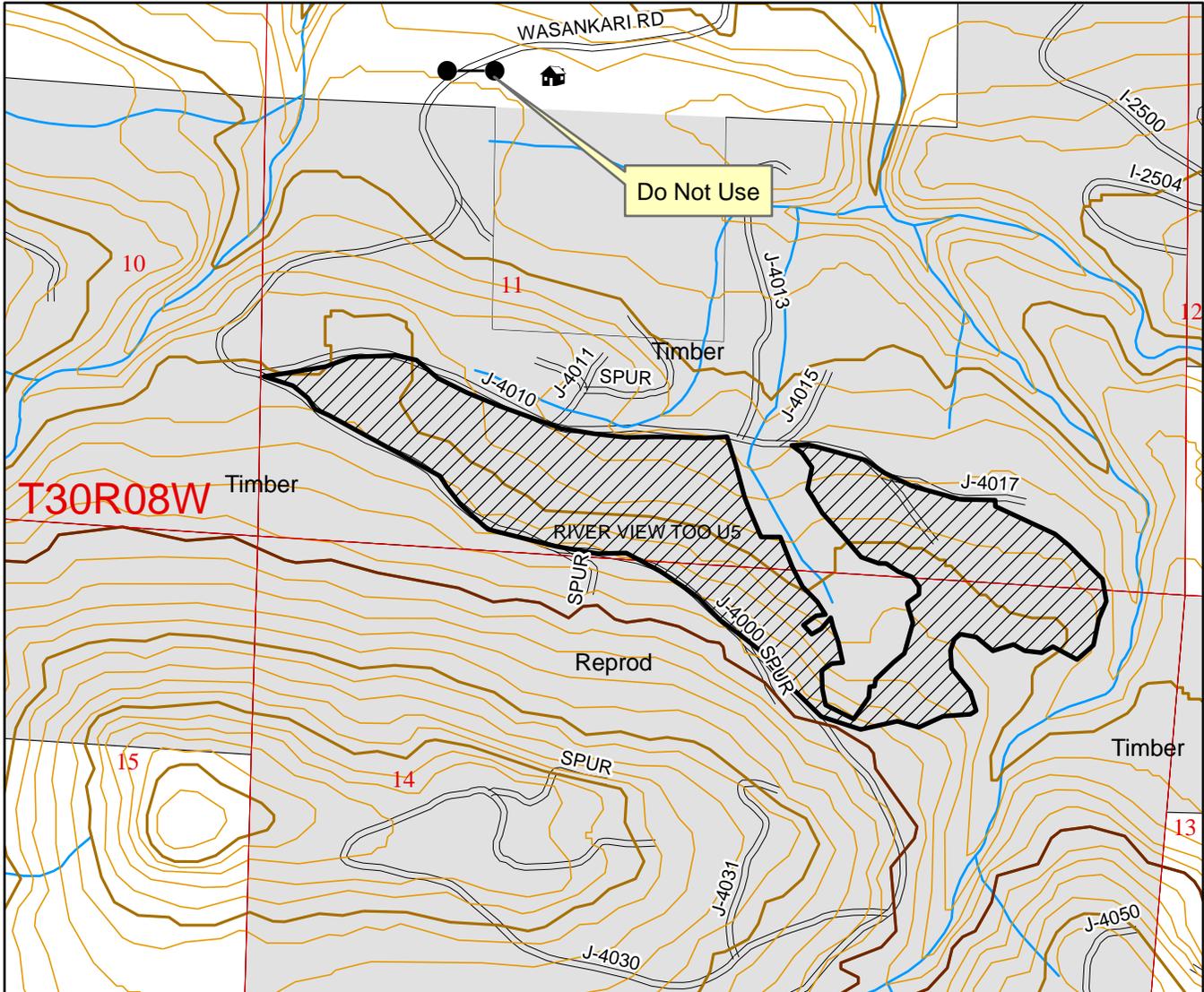
Unit Name: **River View Too U5**

Clallam County

Item No. A

Planting Unit **14**

Planting Acres 79



Legend

- | | | |
|-----------------------------|------------------|--------------|
| Roads | Abandoned Road | 1; 12000 |
| Streams, Forest Practices | Blocked Road | 40' Contours |
| Lakes, Ponds | Gate | |
| Public Land Survey Sections | Planting Area | |
| DNR-Managed Lands | Pink Ribbon Line | |
| Wet Area | House | |



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 30 N Range 05 & 06 W Sec. 36 & 31

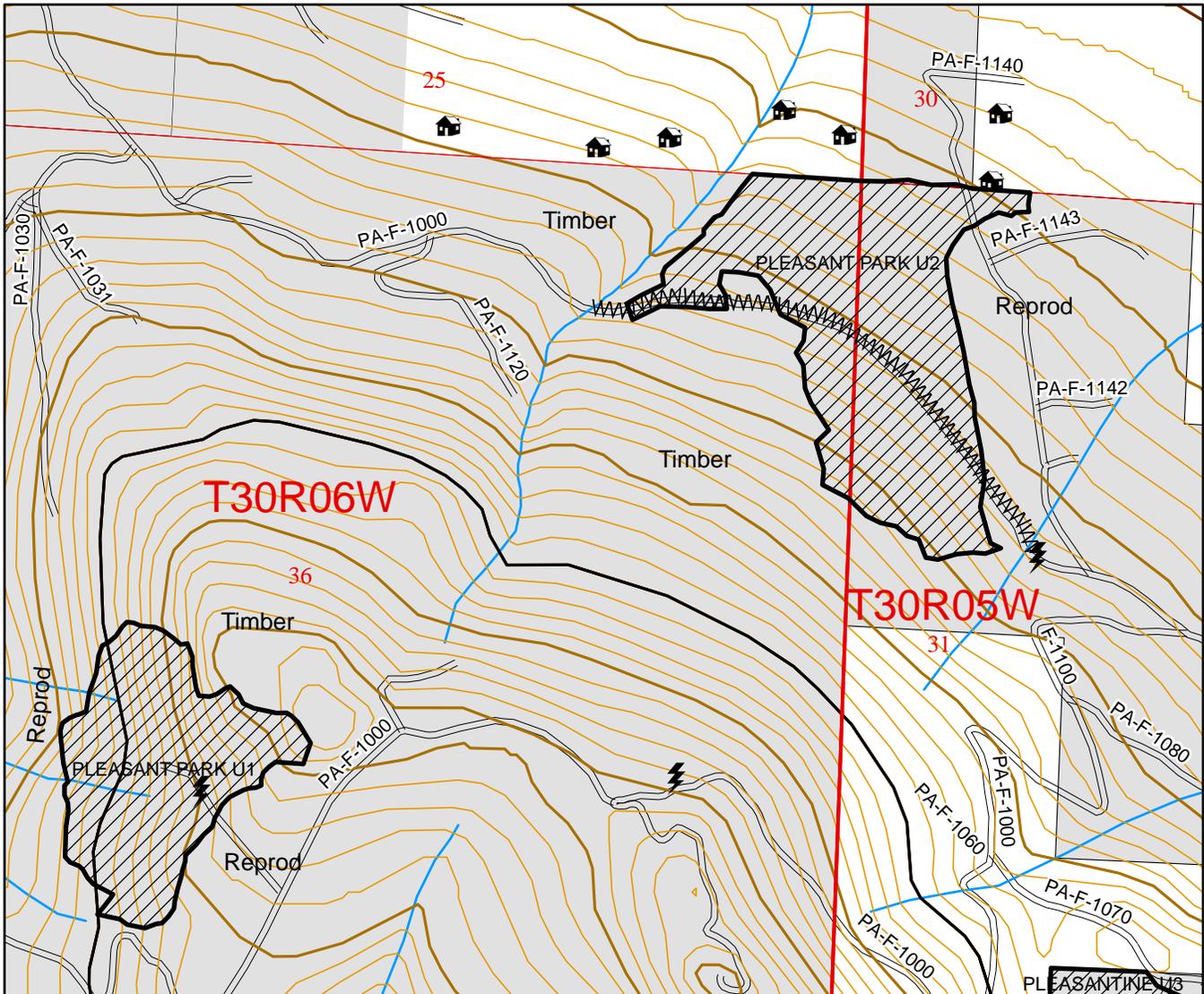
Unit Name: **PLEASANT PARK U1 & U2**

Clallam County

Item No. A

Planting Unit **15 & 16**

Planting Acres 31 & 53



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 30 N Range 06 W Sec. 26

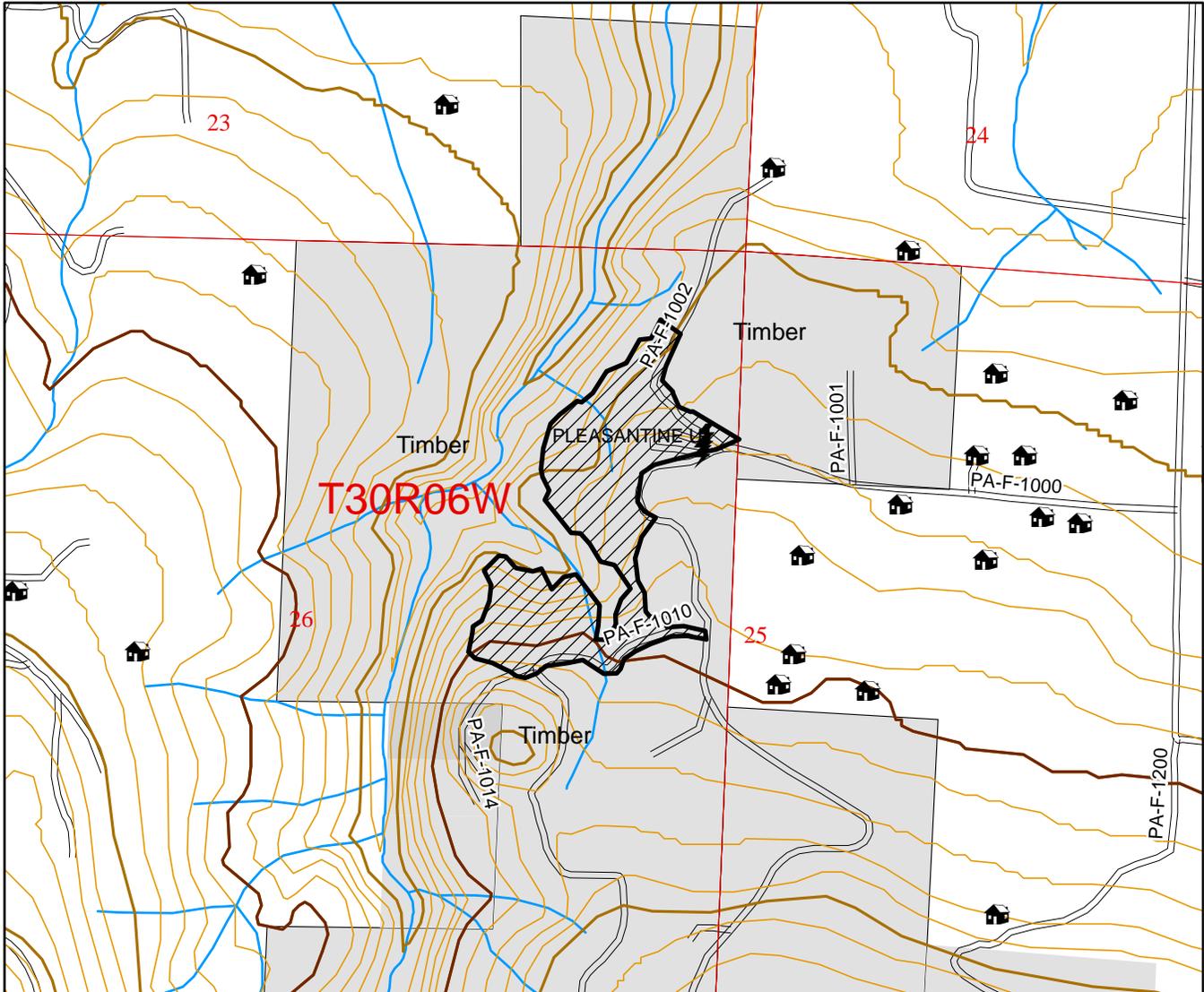
Unit Name: **PLEASANTINE U1**

Clallam County

Item No. A

Planting Unit **17**

Planting Acres 27



Legend

- | | | |
|-----------------------------|------------------|--------------|
| Roads | Abandoned Road | 1 : 12000 |
| Streams, Forest Practices | Blocked Road | 40' Contours |
| Lakes, Ponds | Gate | |
| Public Land Survey Sections | Planting Area | |
| DNR-Managed Lands | Pink Ribbon Line | |
| Wet Area | House | |



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Clallam County

Olympic Region, Straits District

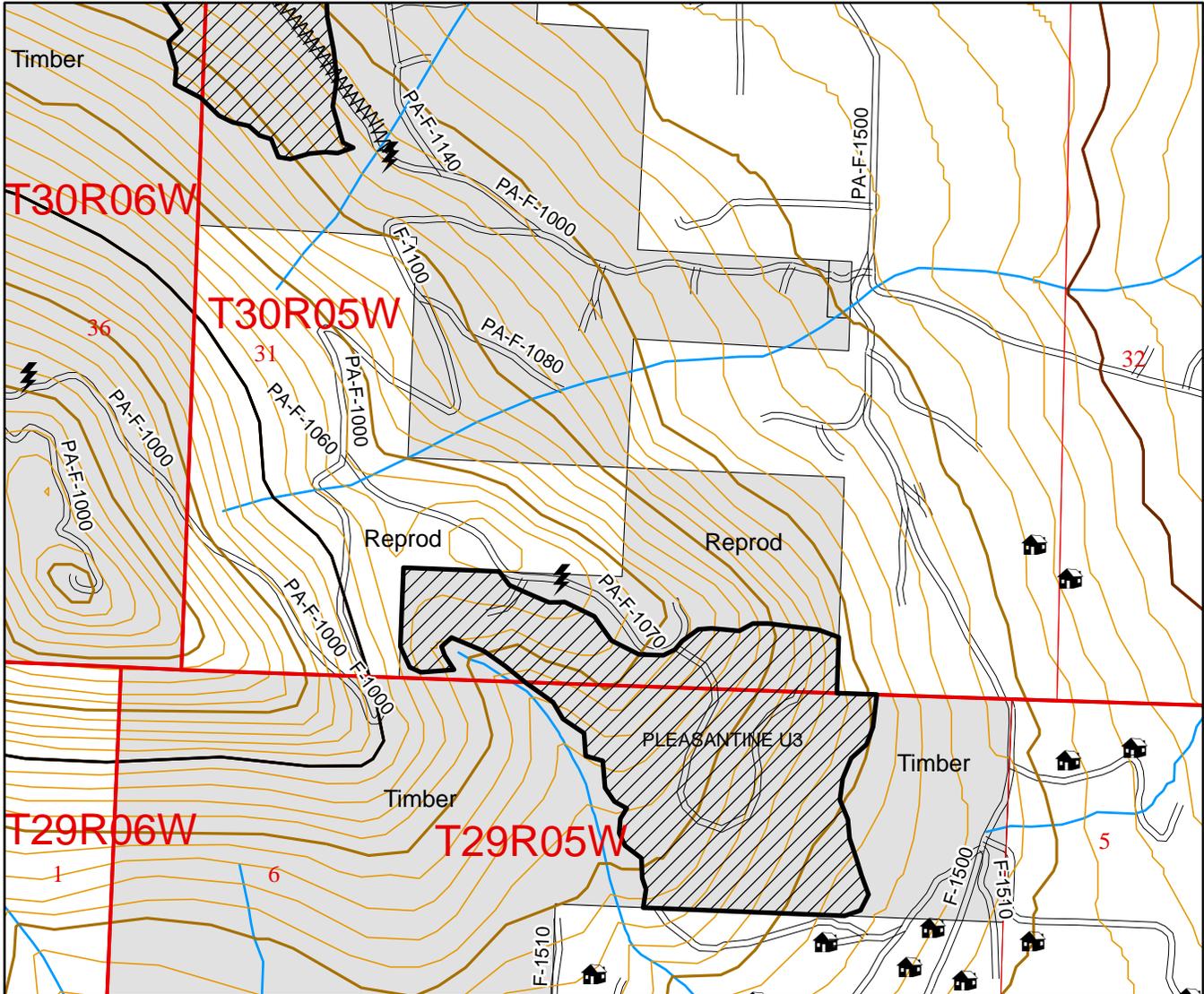
Item No. A

Township 29 N Range 05 W Sec. 06

Planting Unit 18

Unit Name: PLEASANTINE U3

Planting Acres 66



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 29 N Range 5 W Sec. 15 & 16

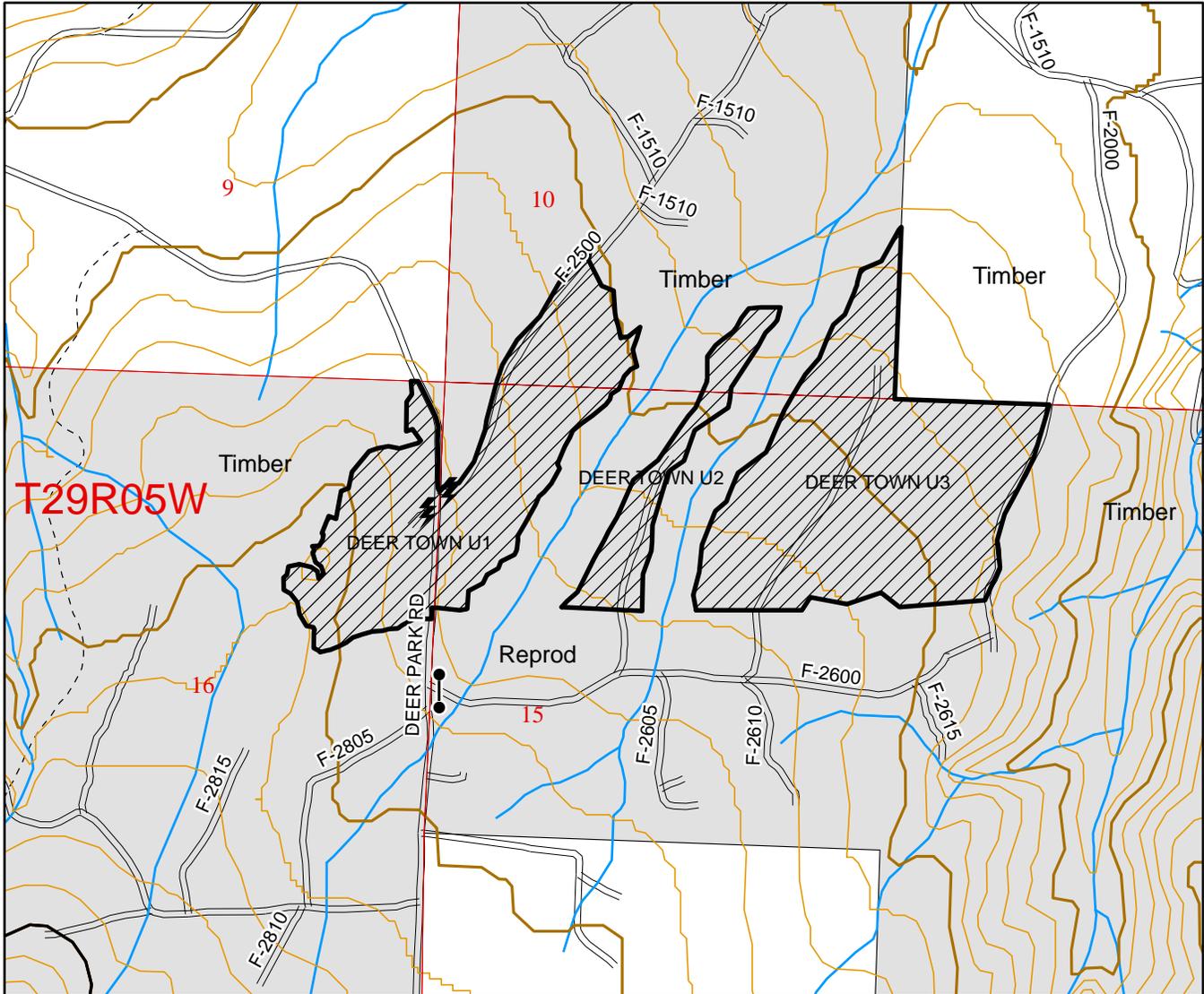
Unit Name: **DEER TOWN**

Clallam County

Item No. A

Planting Unit **19, 20 & 21**

Planting Acres 38, 9 & 58



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 29 N Range 04 W Sec. 6

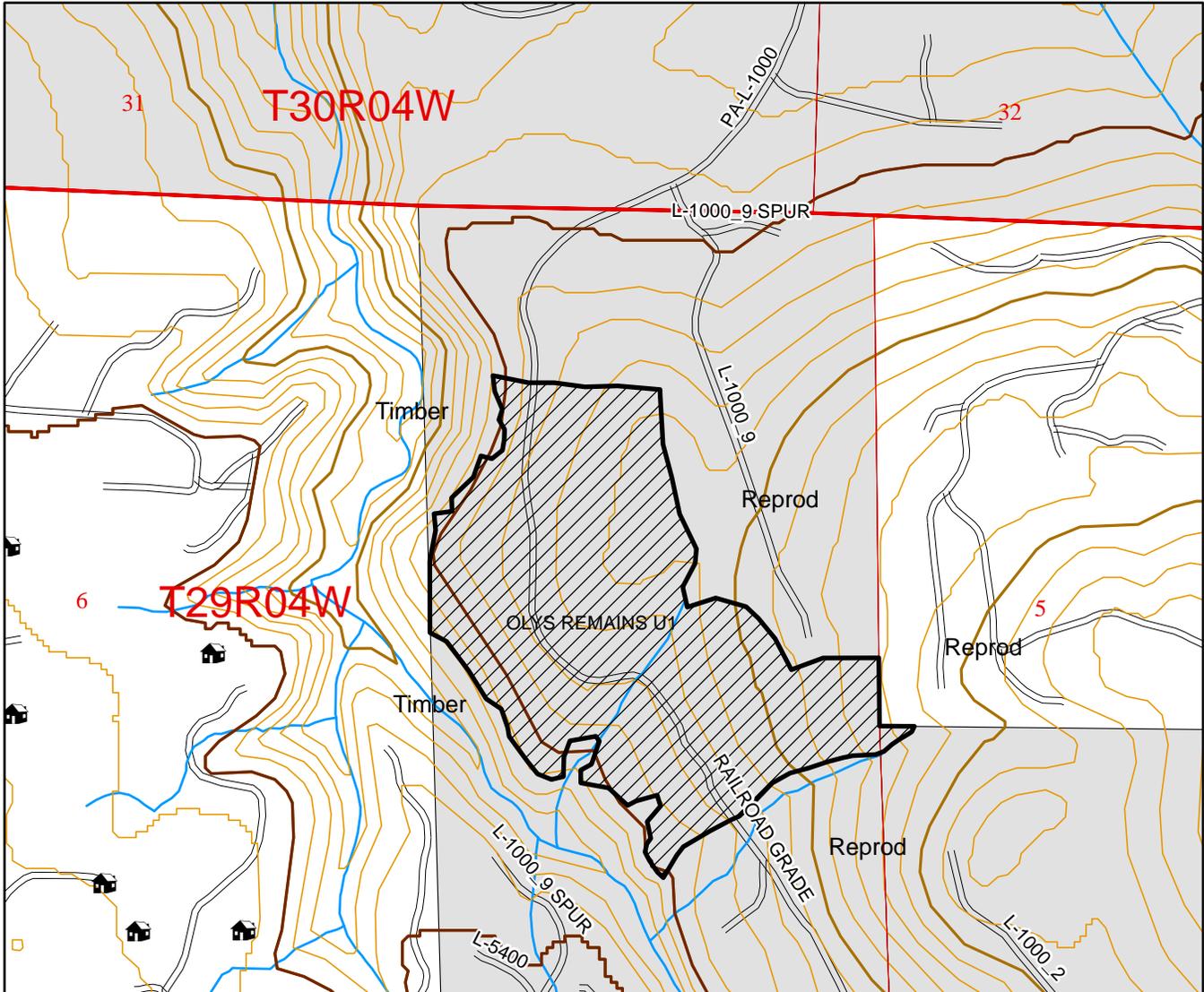
Unit Name: **OLYS REMAINS U1**

Clallam County

Item No. A

Planting Unit **22**

Planting Acres 84



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1 : 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 29 N Range 04 W Sec. 16 & 17

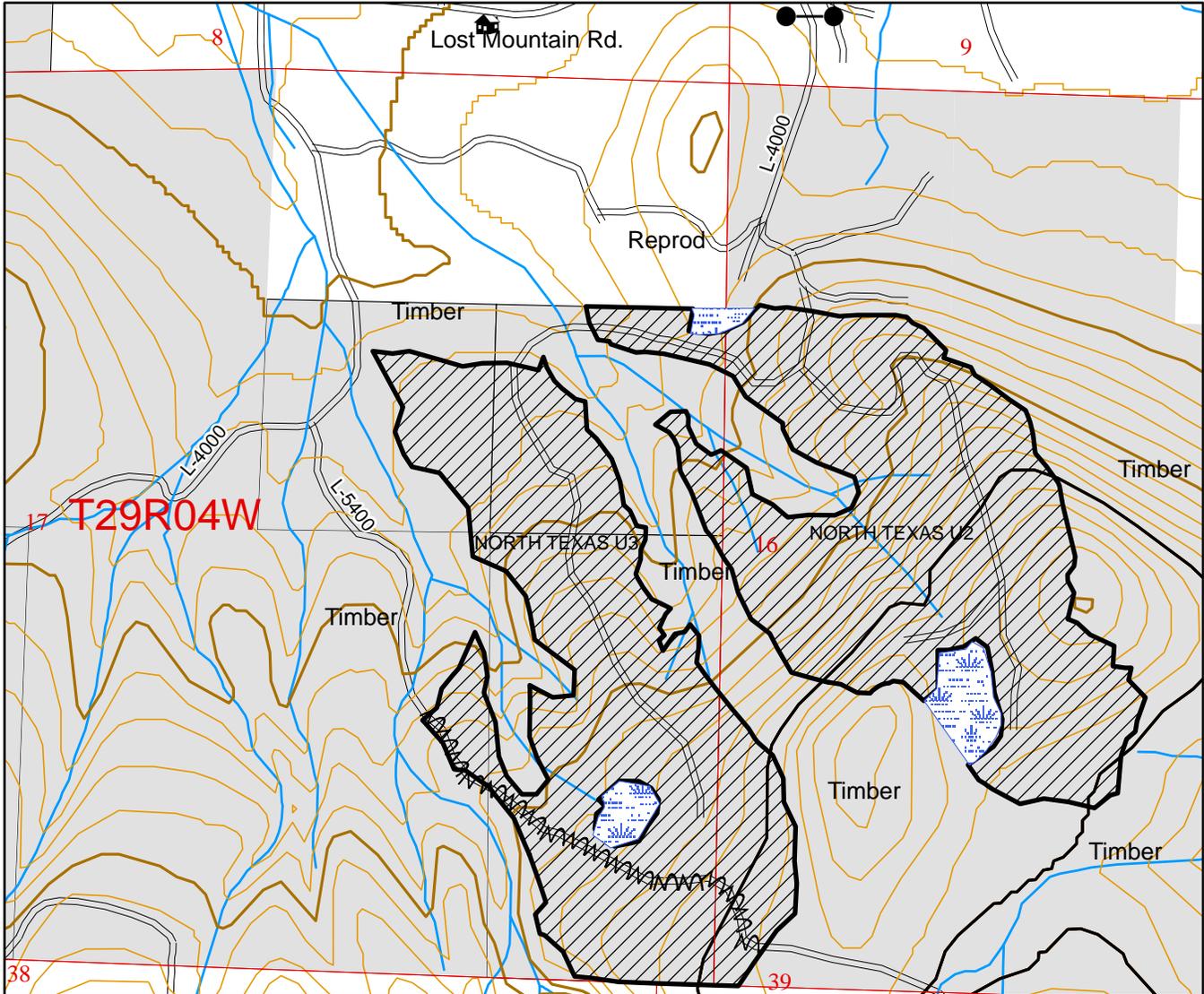
Unit Name: **NORTH TEXAS U2 & U3**

Clallam County

Item No. A

Planting Unit **23 & 24**

Planting Acres 96 & 95



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1 : 12000
40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Clallam County

Olympic Region, Straits District

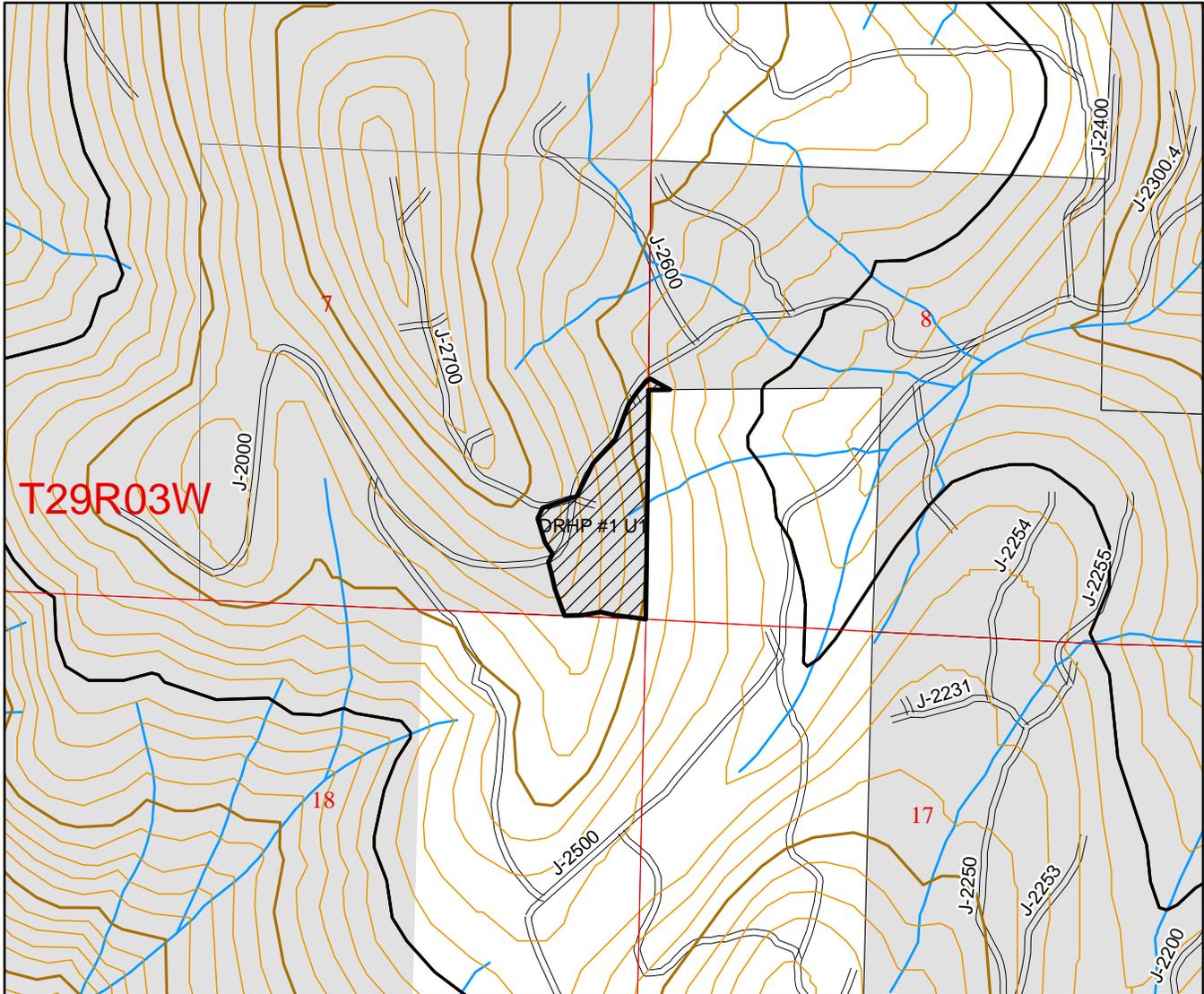
Item No. A

Township 29 N Range 3 W Sec. 7

Planting Unit 25

Unit Name: DRHP #1 U1

Planting Acres 12



Legend

- | | | |
|-----------------------------|------------------|--------------|
| Roads | Abandoned Road | 1 : 12000 |
| Streams, Forest Practices | Blocked Road | 40' Contours |
| Lakes, Ponds | Gate | |
| Public Land Survey Sections | Planting Area | |
| DNR-Managed Lands | Pink Ribbon Line | |
| Wet Area | House | |

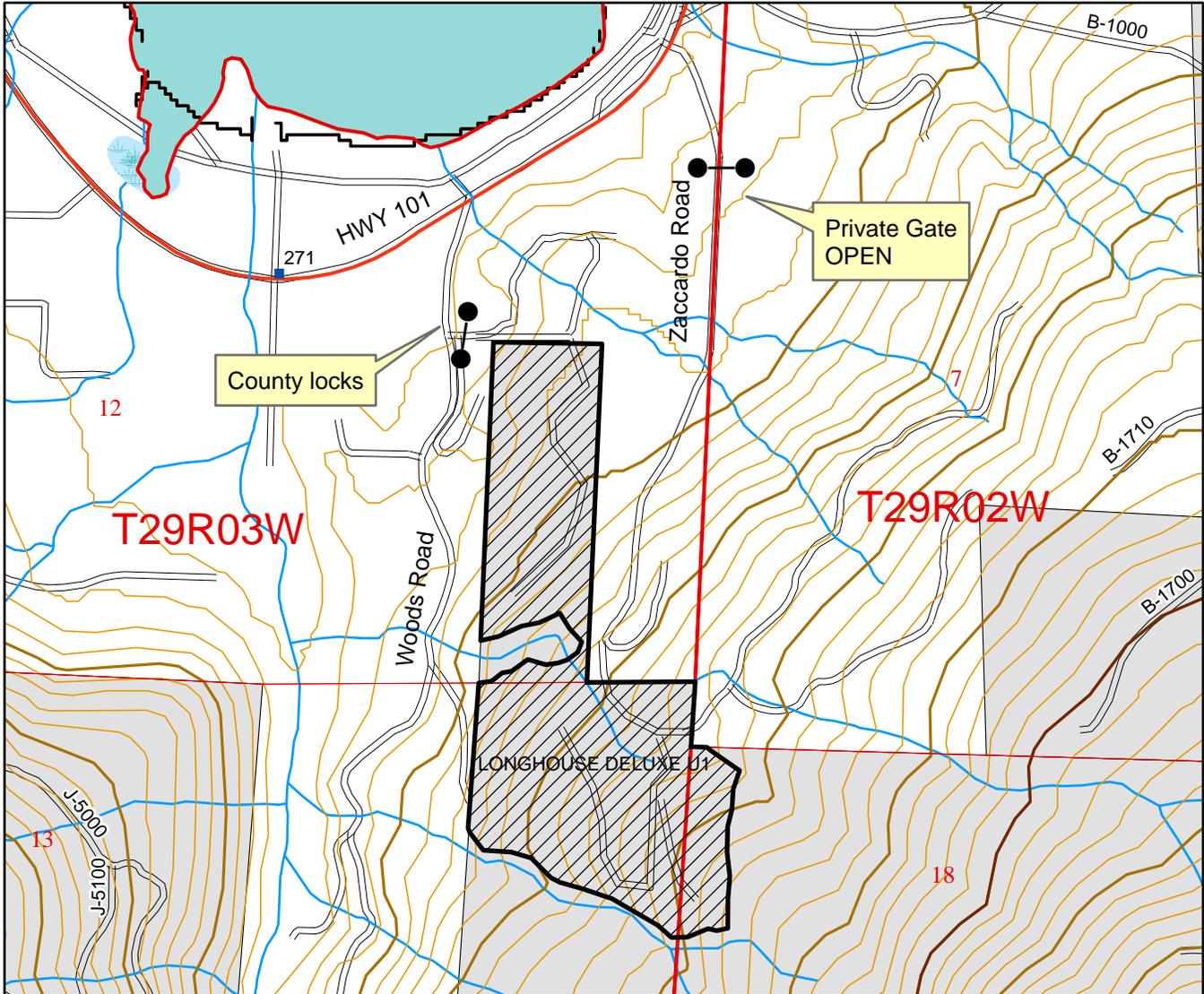


Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING
 Olympic Region, Straits District
 Township 29 N Range 02 W Sec. 12 & 13
 Unit Name: **Longhouse Deluxe U1**

Jefferson County
 Item No. A
 Planting Unit **26**
 Planting Acres 66



Legend

- | | | |
|-----------------------------|------------------|--------------|
| Roads | Abandoned Road | 1; 12000 |
| Streams, Forest Practices | Blocked Road | 40' Contours |
| Lakes, Ponds | Gate | |
| Public Land Survey Sections | Planting Area | |
| DNR-Managed Lands | Pink Ribbon Line | |
| Wet Area | House | |

Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 28 N Range 02 W Sec. 09

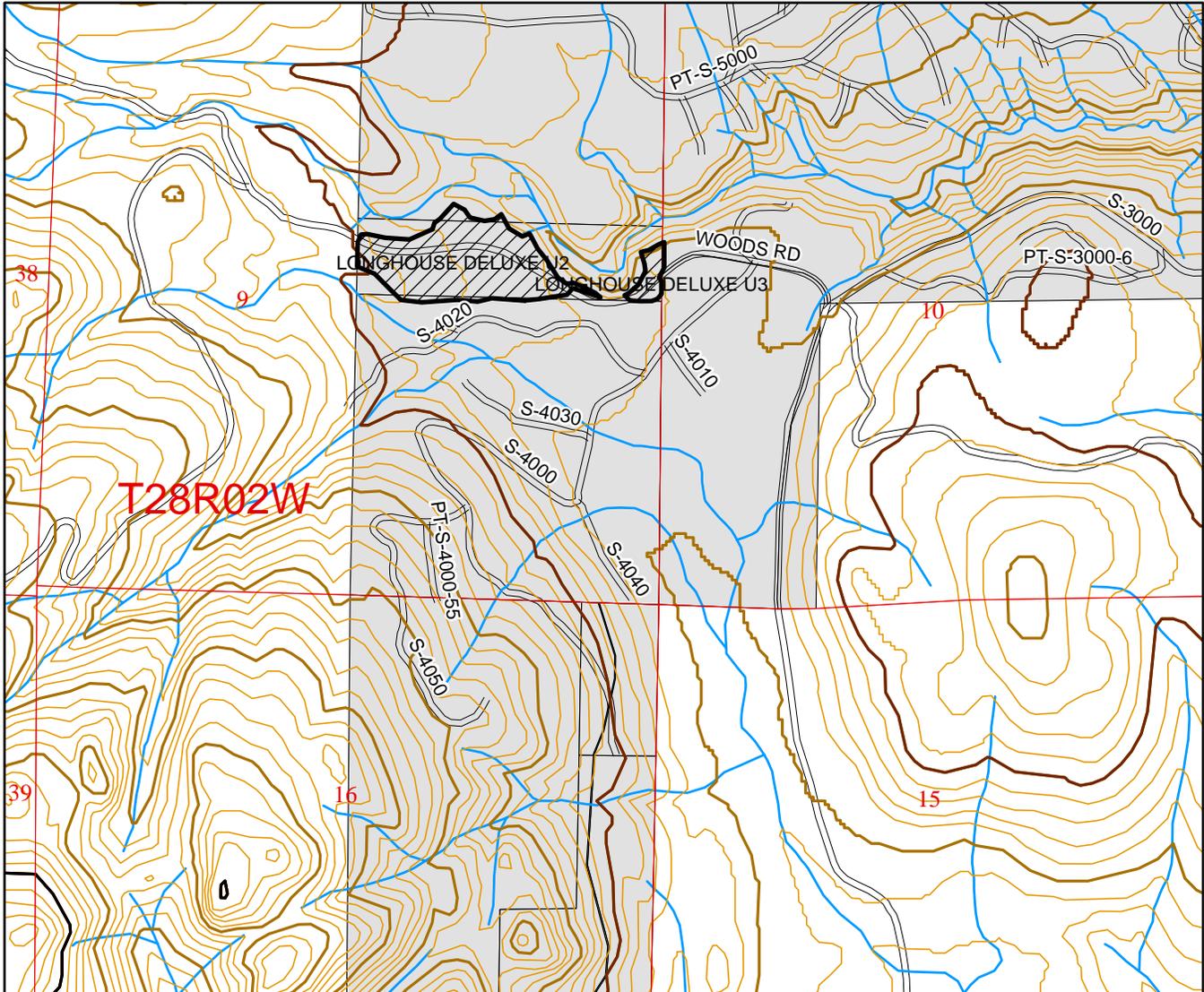
Unit Name: **Longhouse Deluxe U2 & U3**

Jefferson County

Item No. A

Planting Unit **27 & 28**

Planting Acres 23 & 2



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000
40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 30 N Range 03 E Sec. 36

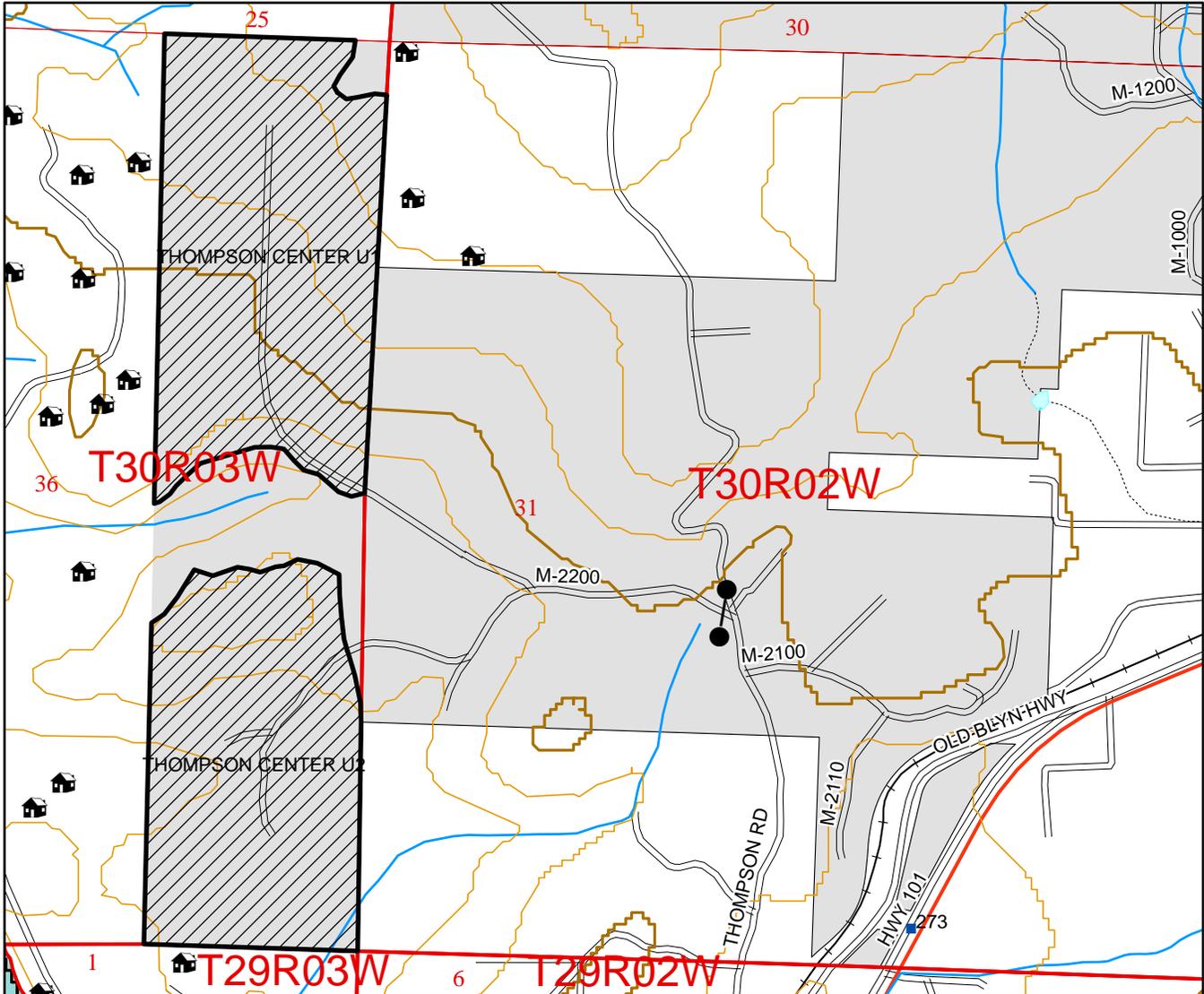
Unit Name: **Thompson Center U1 & U2**

Clallam County

Item No. A

Planting Unit **29 & 30**

Planting Acres 70 & 60



Legend

- Roads
- Streams, Forest Practices
- Lakes, Ponds
- Public Land Survey Sections
- DNR-Managed Lands
- Wet Area
- Abandoned Road
- Blocked Road
- Gate
- Planting Area
- Pink Ribbon Line
- House

1; 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 29 N Range 01 W Sec. 36

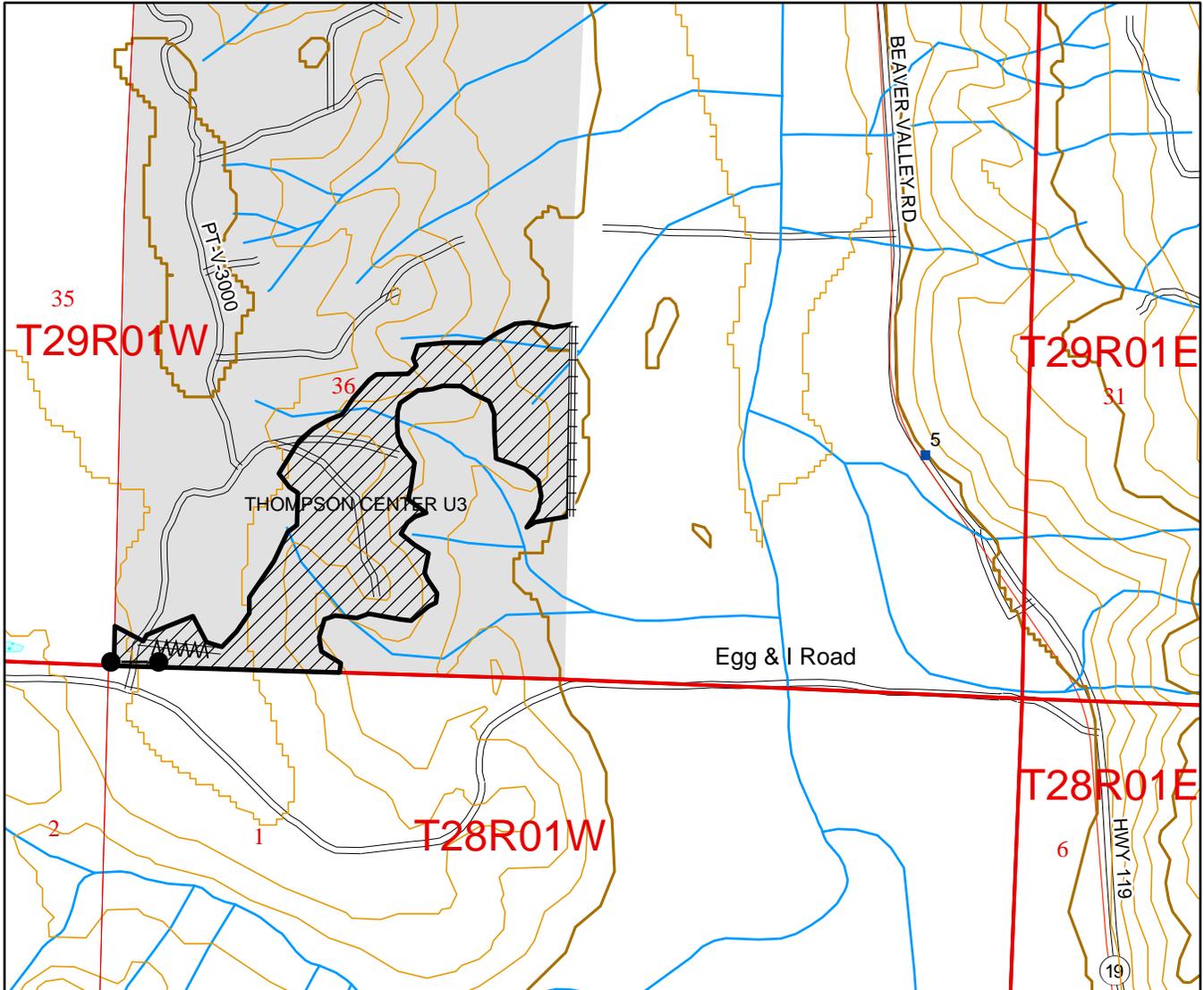
Unit Name: **Thompson Center U3**

Clallam County

Item No. A

Planting Unit **31**

Planting Acres 41



Legend

- | | | |
|-----------------------------|----------------|--------------|
| Roads | Abandoned Road | 1; 12000 |
| Streams, Forest Practices | Blocked Road | 40' Contours |
| Lakes, Ponds | Gate | |
| Public Land Survey Sections | Planting Area | |
| DNR-Managed Lands | Fence | |
| Wet Area | House | |



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 28 N Range 02 W Sec. 02

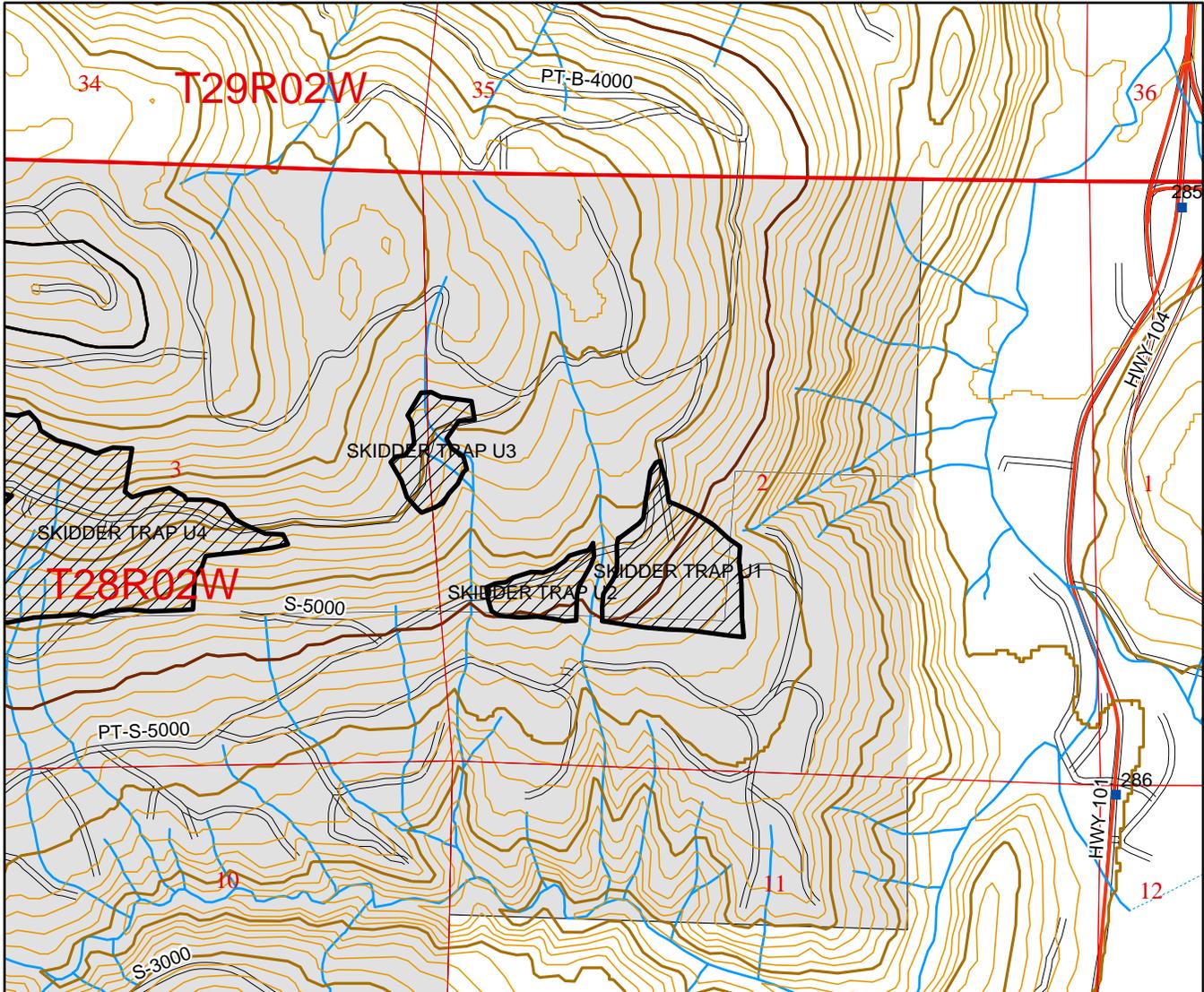
Unit Name: **Skidder Trap U1, U2 & U3**

Clallam County

Item No. A

Planting Unit **32, 33 & 34**

Planting Acres 25, 7 & 10



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1 : 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 28 N Range 02 W Sec. 02

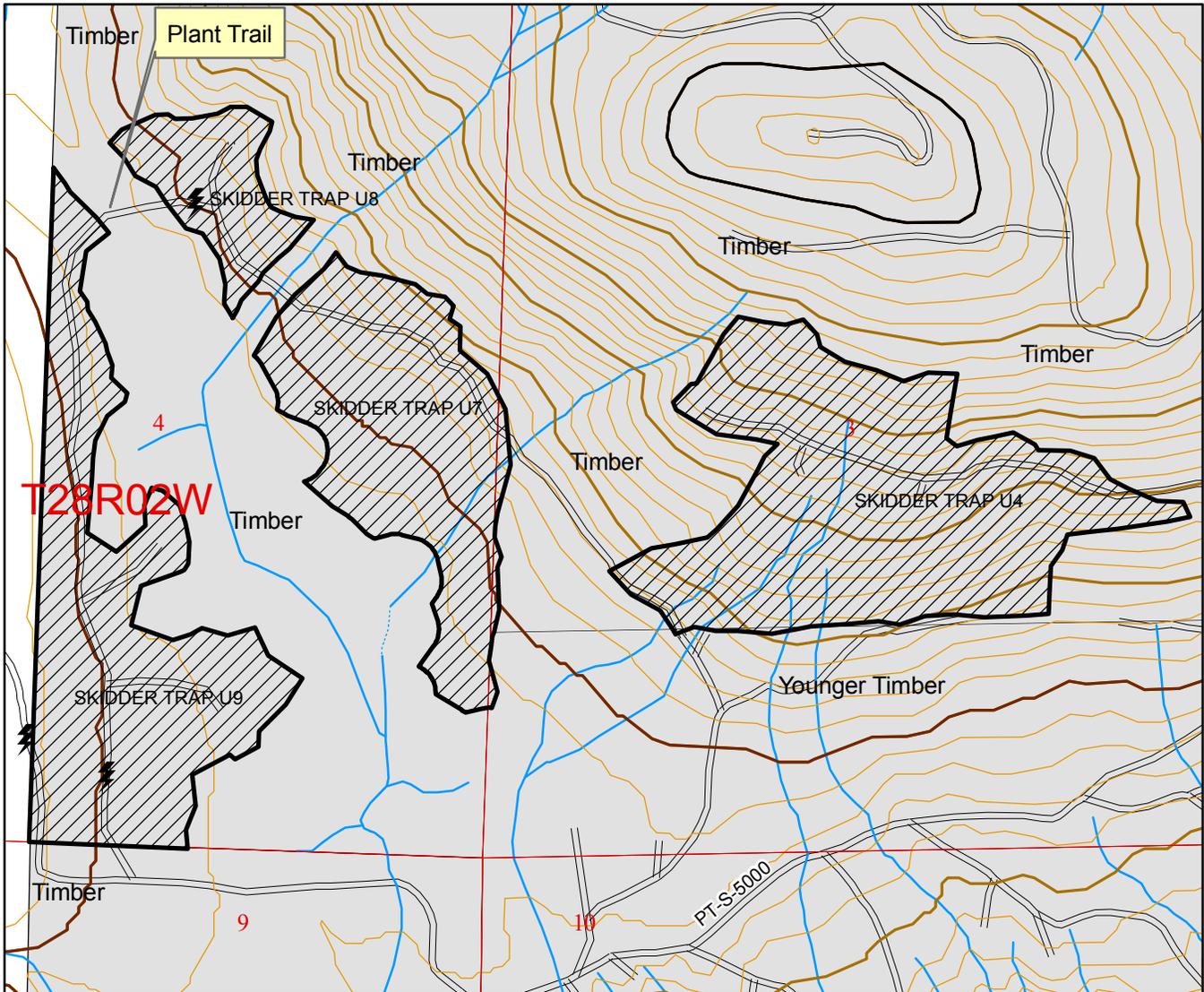
Unit Name: **Skidder Trap U4, U7, U8 & U9**

Clallam County

Item No. A

Planting Unit **35, 36, 37 & 38**

Planting Acres 25, 8 & 10



Legend

- | | | |
|-----------------------------|------------------|--------------|
| Roads | Abandoned Road | 1 : 12000 |
| Streams, Forest Practices | Blocked Road | 40' Contours |
| Lakes, Ponds | Gate | |
| Public Land Survey Sections | Planting Area | |
| DNR-Managed Lands | Pink Ribbon Line | |
| Wet Area | House | |

Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 28 N Range 01 W Sec. 13

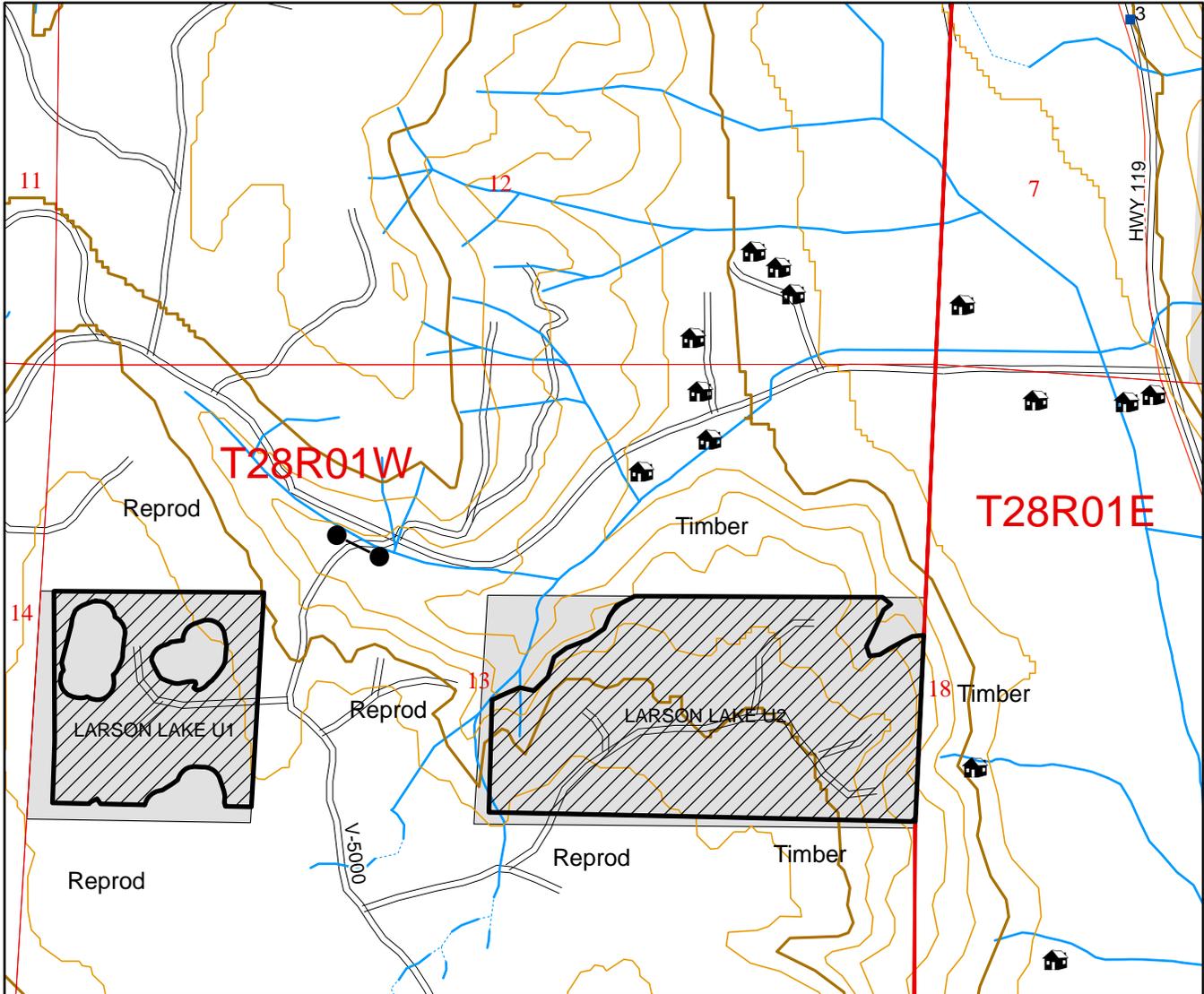
Unit Name: **Larson Lake U1 & U2**

Jefferson County

Item No. A

Planting Unit **39 & 40**

Planting Acres 26 & 65



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1 : 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 28 N Range 01 W Sec. 16 & 21

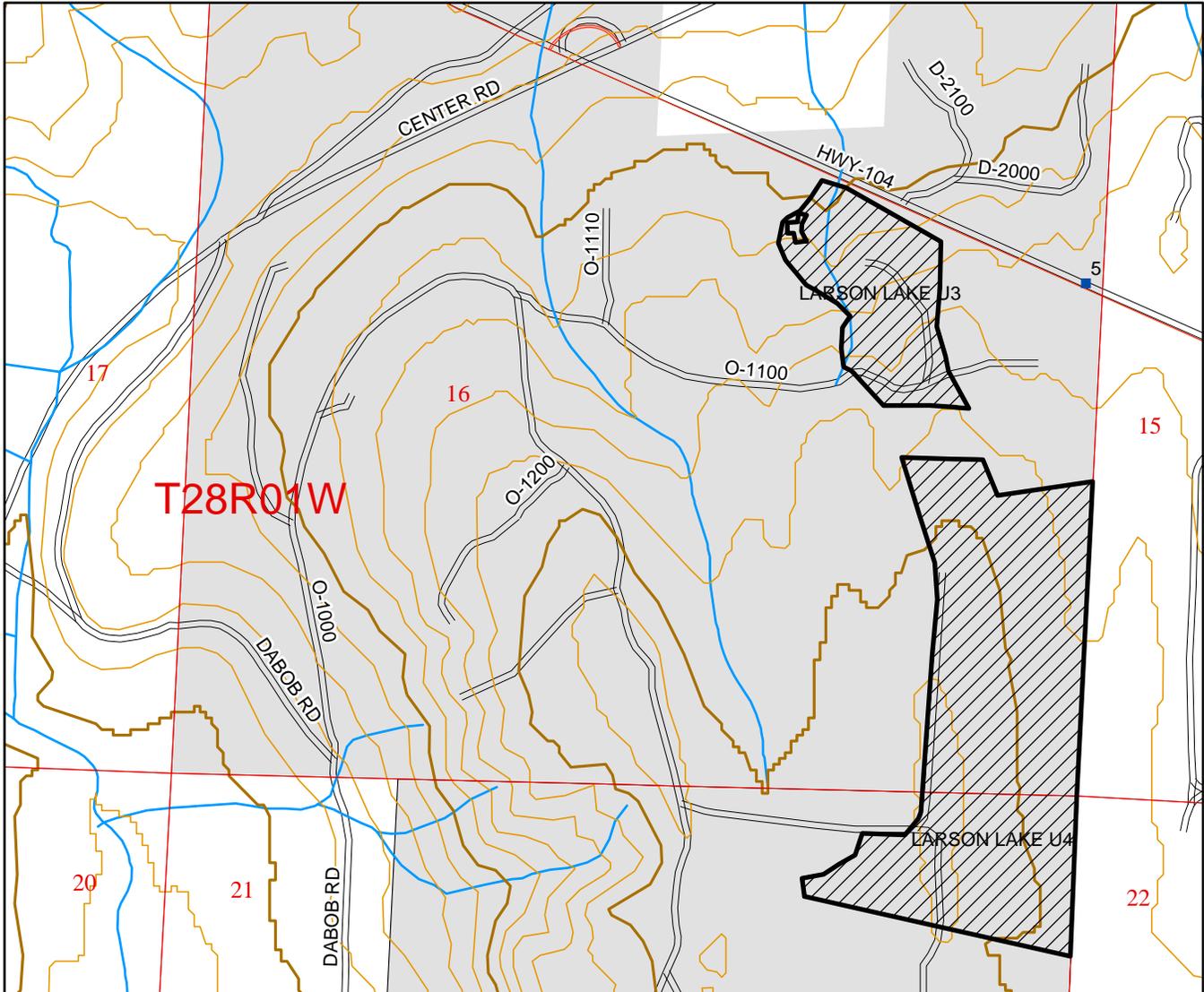
Unit Name: **Larson Lake U3 & U4**

Jefferson County

Item No. A

Planting Unit **41 & 42**

Planting Acres 17 & 58



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1 : 12000

40' Contours



Wheeler Oct, 19th 2011

Contract # 1345 Unit Map

TREE PLANTING

Olympic Region, Straits District

Township 28 N Range 01 E Sec. 28 & 29

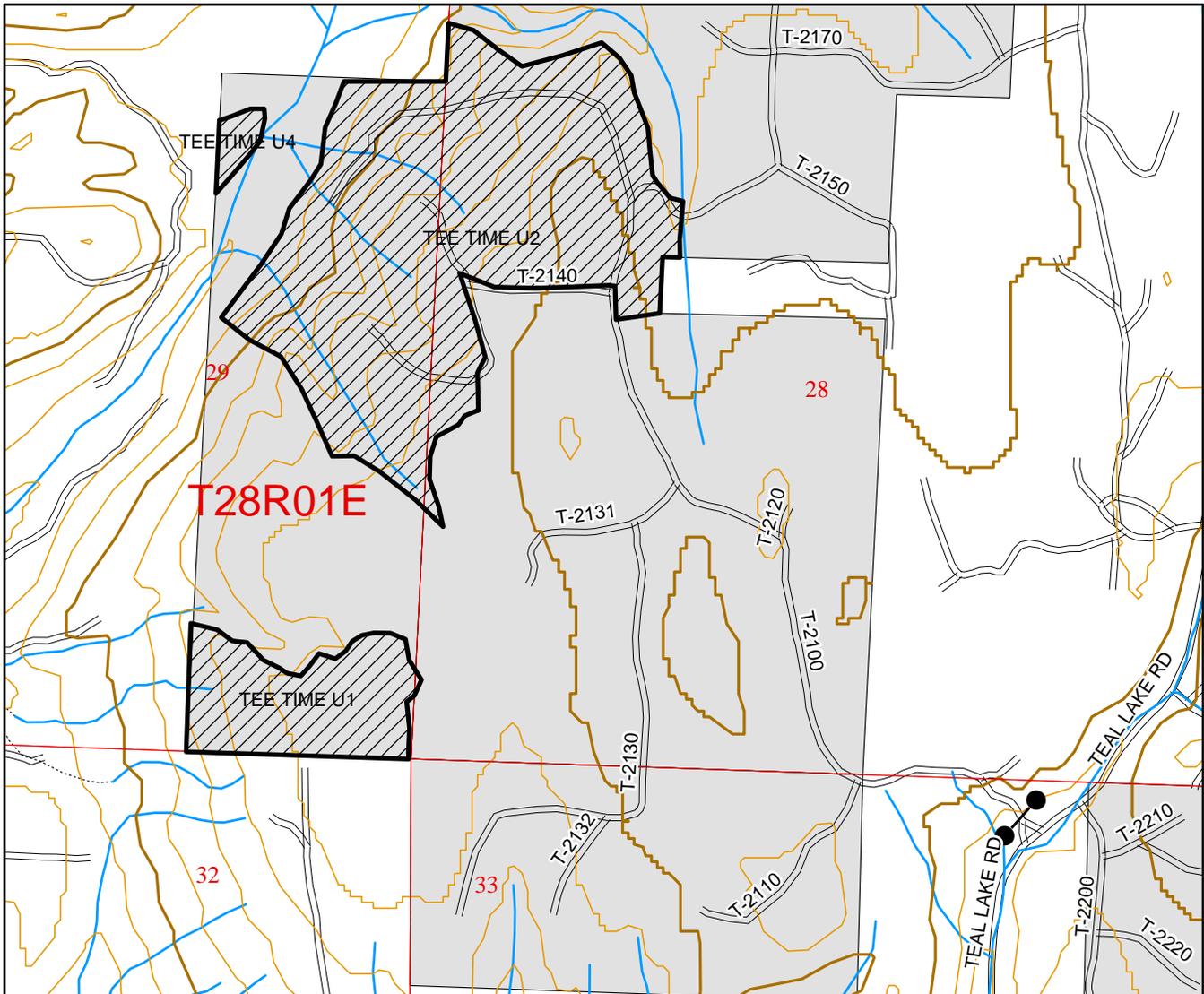
Unit Name: **TEE TIME U1, U2, & U4**

Jefferson County

Item No. A

Planting Unit **43, 44 & 45**

Planting Acres 2, 18, & 85



Legend

- | | |
|-----------------------------|------------------|
| Roads | Abandoned Road |
| Streams, Forest Practices | Blocked Road |
| Lakes, Ponds | Gate |
| Public Land Survey Sections | Planting Area |
| DNR-Managed Lands | Pink Ribbon Line |
| Wet Area | House |

1; 12000

40' Contours

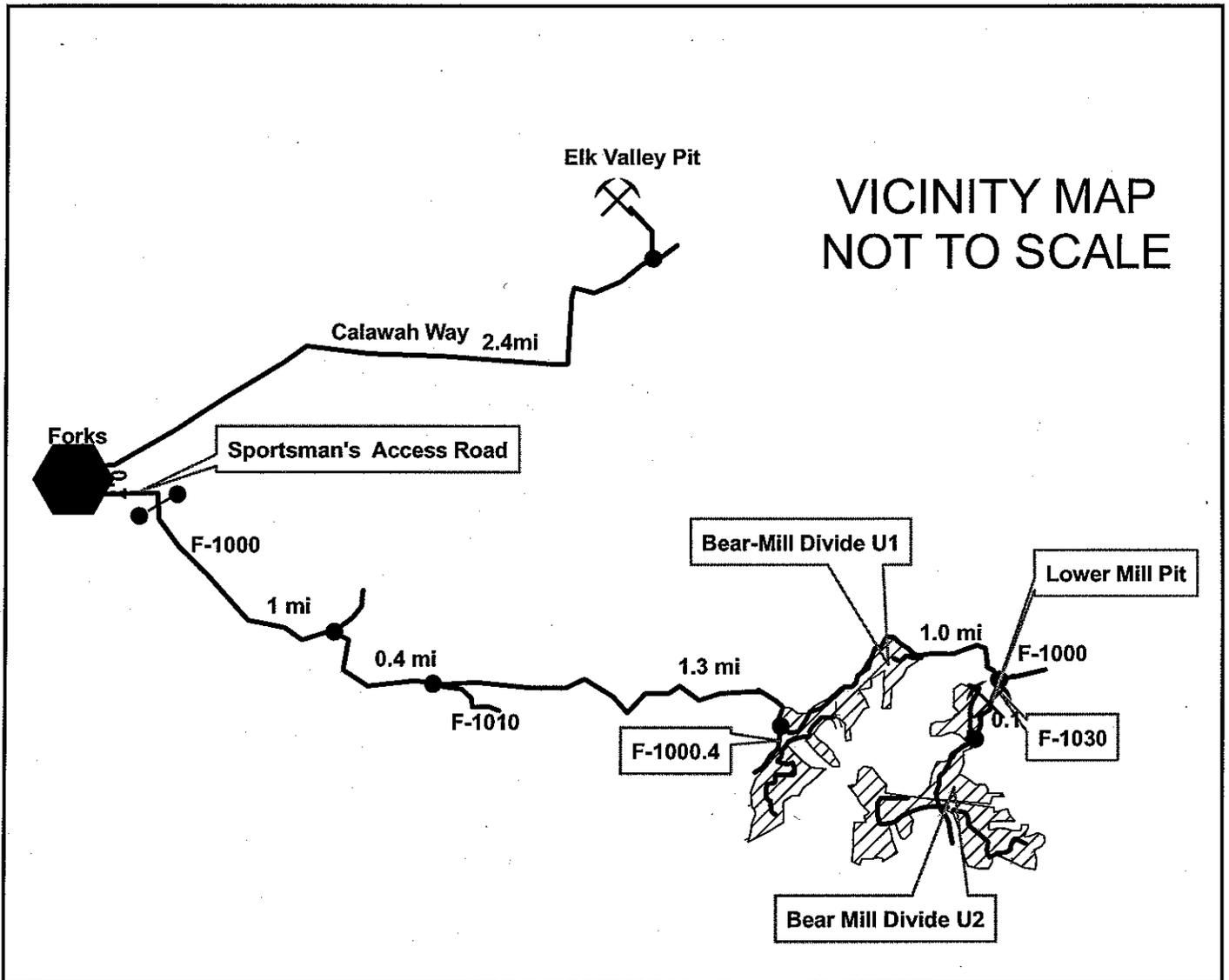


Wheeler Oct, 19th 2011

TIMBER SALE MAP

SALE NAME: BEAR MILL DIVIDE
AGREEMENT NO: 30-083206
TOWNSHIP(S): T28N - R13W
TRUST(S): CAPITOL GRANT (07)

REGION: OLYMPIC
COUNTY(S): CLALLAM
ELEVATION: 700 - 1300 FEET

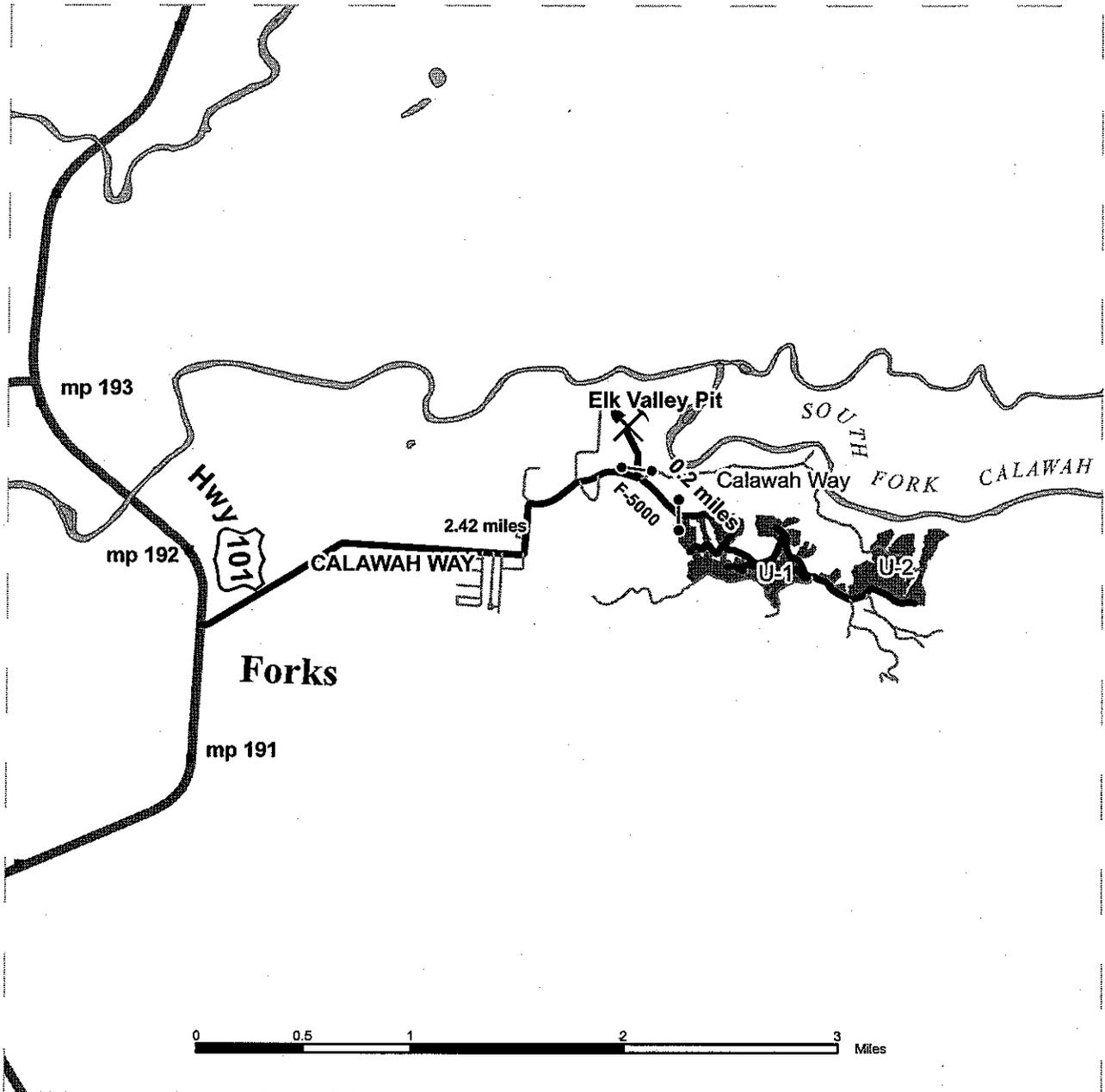


Drawn By: COAST Date: 01/22/2009

DRIVING MAP

SALE NAME: FRONTIER
AGREEMENT#: 30-85828
TOWNSHIP(S): T28R13W
TRUST(S): Capitol Grant(7)

REGION: Olympic Region
COUNTY(S): CLALLAM
ELEVATION RGE: 417-1029



-  Timber Sale Unit
-  Other Route
-  Highways
-  Haul Route
-  River

DRIVING DIRECTIONS:

Frontier Unit 1
 From Hwy 101 in Forks turn East on Calawah Way at the flashing yellow light, continue East for 2.47 miles
 Turn right on F-5000 drive south east for 0.2 miles
 DNR white gate with a AA-1 lock.

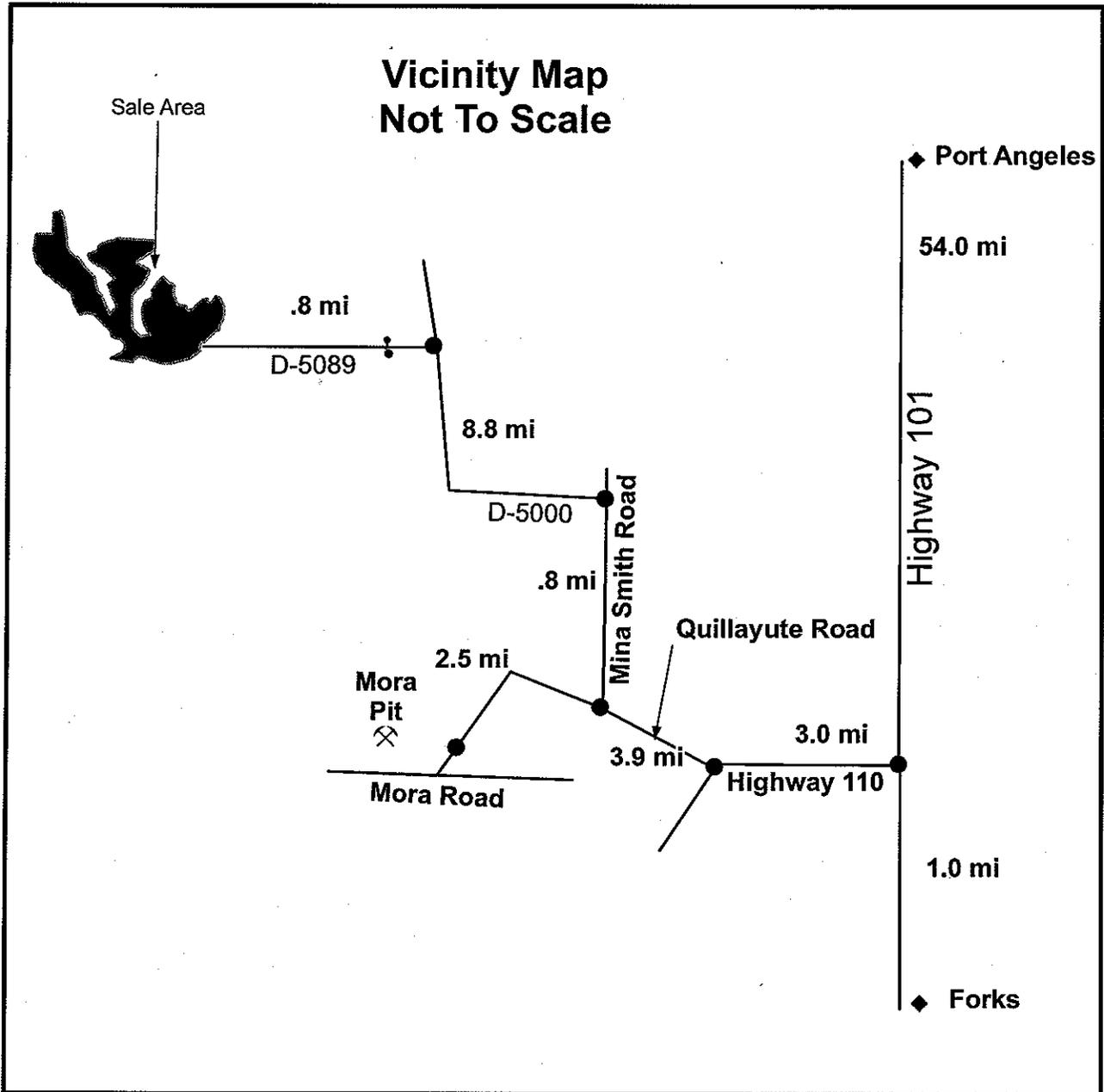
Elk Valley Rock Pit:
 From Hwy 101 in forks turn East on Calawah Way at the flashing yellow light, continue East for 2.42 miles
 Turn left on Elk Valley Pit Rd.
 DNR gate with a AA-1 lock.



DRIVING MAP

SALE NAME: BOULDER
AGREEMENT#: 30-081802
TOWNSHIP(S): T30N-15W AND T29N-15W
TRUST(S): Forest Board Transfer/Common School

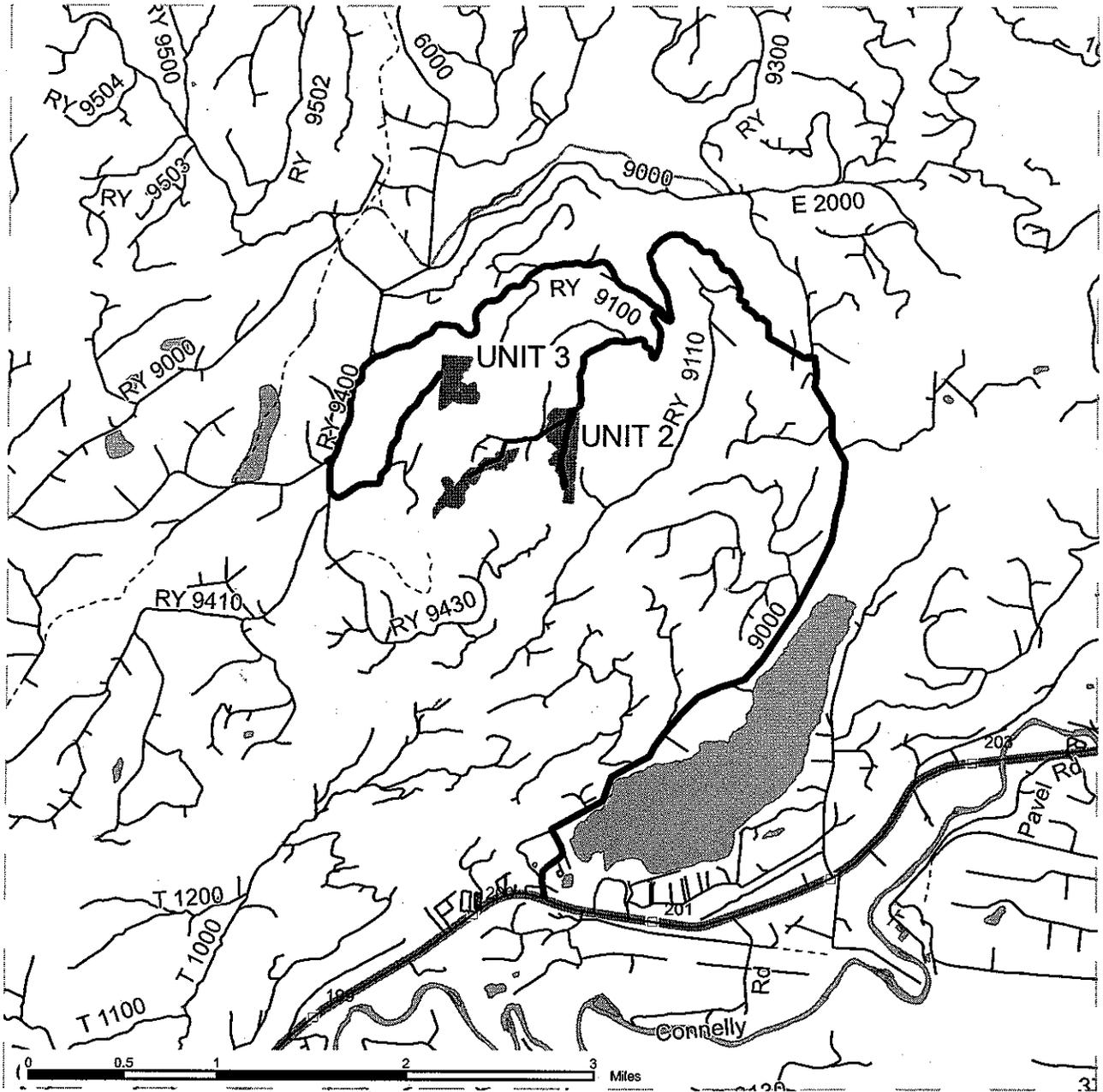
REGION: Olympic
COUNTY(S): Clallam
ELEVATION RGE: 400-600 ft



DRIVING MAP

SALE NAME: STRIPES U2 & U3
 AGREEMENT#: 1345
 TOWNSHIP(S): T 30 NR 13 W Sec. 15 & 22
 TRUST(S): 01

REGION: OLYMPIC
 COUNTY(S): CLALLAM
 ELEVATION RGE: 754 - 1777

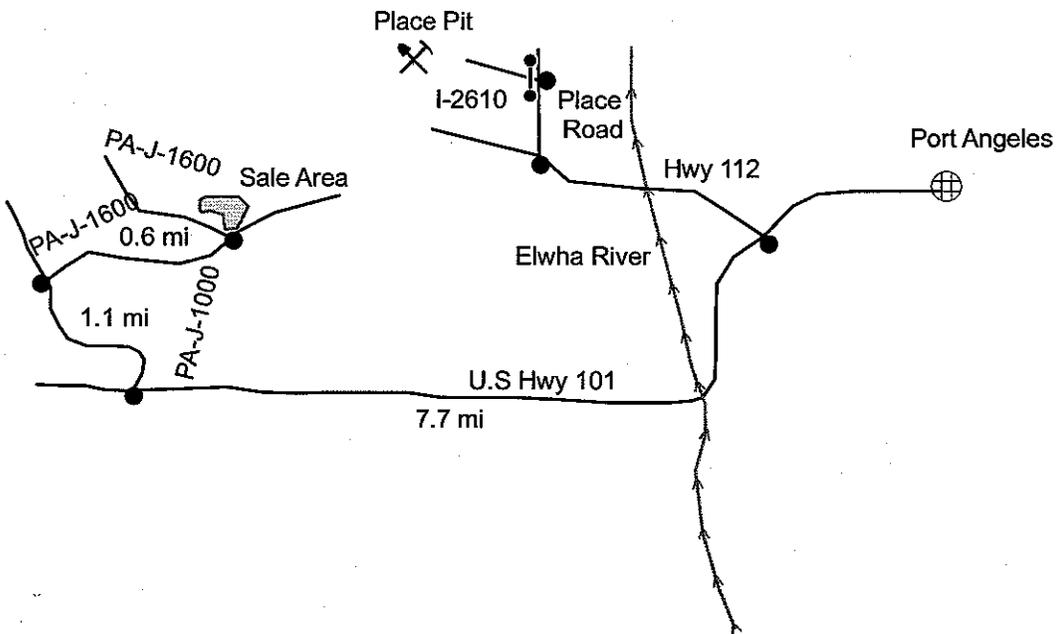


<ul style="list-style-type: none">  Planting Unit  Other Route  Milepost Markers  Open Water 	<p><u>DRIVING DIRECTIONS:</u></p> <p>From Highway 101 turn N. at MP 200.5 (the Lake Pleasant Store in Beaver). Proceed through Beaver to the RY 9000, Drive 2.5 miles to the RY 9100. Turn left at the gate, drive 1.7 miles onto the RY 9110 to Unit 2. Unit 3 from the 9100 gate is 3.7 miles to the RY 9400, turn left, drive 0.8 miles to the RY9420, drive 0.9 mile to Unit 3.</p>
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DRIVING MAP

SALE NAME: KARI RAT
AGREEMENT#: 30-084830
TOWNSHIP(S): T30N - 8W
TRUST(S): CLALLAM COUNTY FOREST BOARD (01)

REGION: OLYMPIC
COUNTY(S): CLALLAM
ELEVATION RGE: 1,500 - 2,000 FEET



**VICINITY MAP
NOT TO SCALE**

Legend

- Road
-  Sale Area

DRIVING DIRECTIONS

From Port Angeles head West on U.S Hwy 101 and travel 12.5 miles. Turn right on the PA-J-1000 and travel 1.1 miles. Turn right on the PA-J-1600 and travel 0.6 miles.

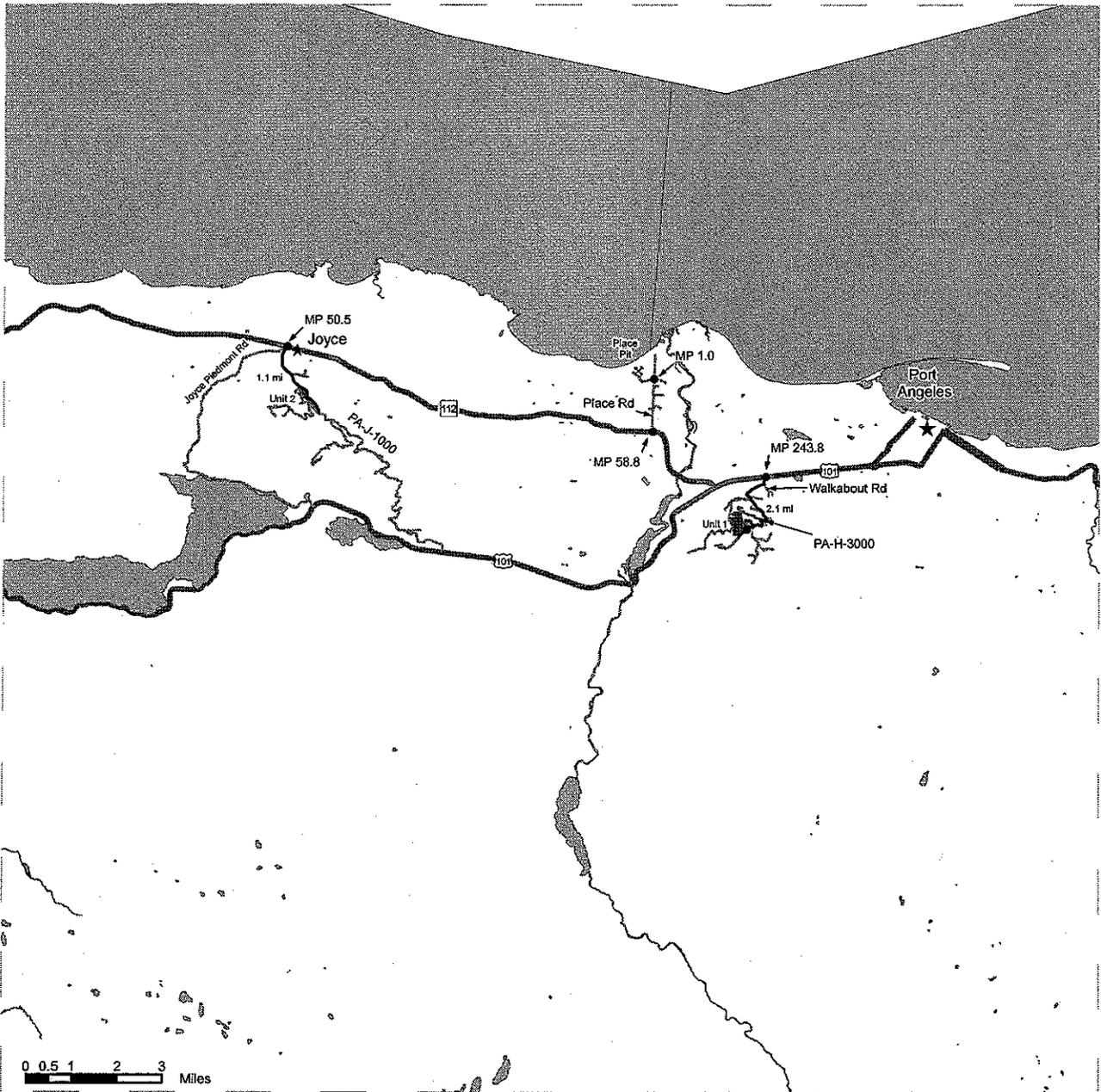
Place Pit: From Port Angeles travel 4.8 miles west on Hwy 101, turn right on Hwy 112 and travel 2.2 miles to Place Road. Turn right on Place road and drive 1.5 miles to the I-2610 road on left. Pit is located behind gate on I-2610 road.



DRIVING MAP

SALE NAME: JOYCE DRY SORTS
 AGREEMENT#: 30-083961
 TOWNSHIP(S): T30R07W, T30R08W
 TRUST(S): State Forest Transfer(1)

REGION: Olympic Region
 COUNTY(S): CLALLAM
 ELEVATION RGE: 752-1659



	Timber Sale Unit
	Haul Route
	Other Route
	Highways

DRIVING DIRECTIONS:

Unit 1 - From US Highway 101 turn south at Walkabout Road (milepost 243.8). Proceed on the PA-H-3000 through the gate at mile 0.2 to the unit at mile 2.1.

Unit 2 - From State Highway 112 turn south onto the Joyce Piedmont Road (milepost 50.5) and travel 0.1 mile to the PA-J-1000 (Joyce Access Road). Turn south and travel 1.0 mile to the unit. Access to the west side of the unit is through a gate on the PA-J-1200.

Place Pit - From State Highway 112 turn north onto Place Road (milepost 58.8). Travel 1.0 mile and turn west on the PA-I-2600 road. Proceed through the gate and travel 0.4 mile to the pit.

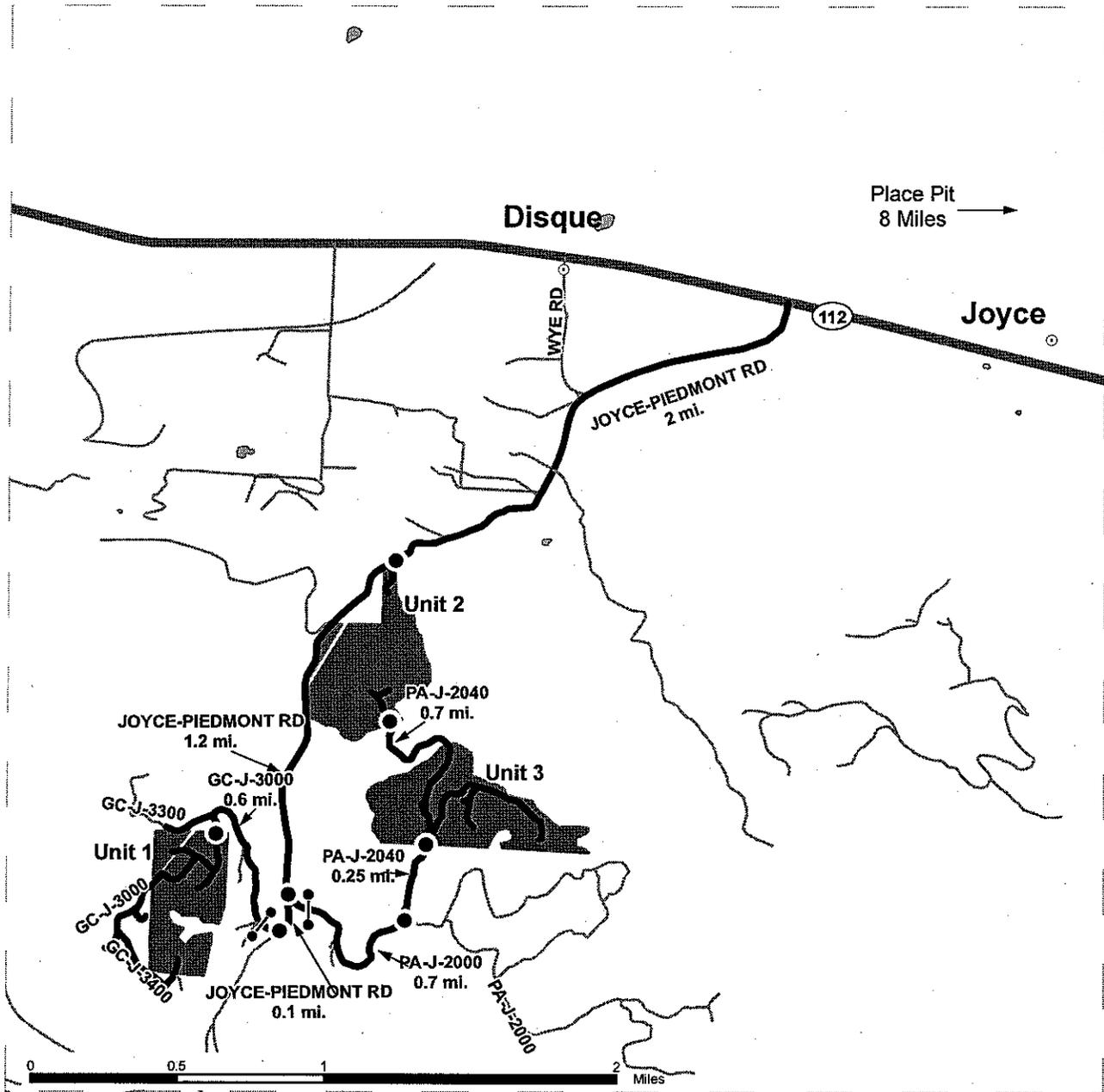
All gates are locked and will need a AA-1 key to open.



DRIVING MAP

SALE NAME: PIEDMONT HILL
 AGREEMENT#: Not Defined.
 TOWNSHIP(S): T30R08W, T30R09W
 TRUST(S): State Forest Board Transfer(1), Capitol Grant(7)

REGION: Olympic Region
 COUNTY(S): CLALLAM
 ELEVATION RGE: 666-2162



	Timber Sale Unit
	Other Route
	Haul Route
	Highways
	Town & City Locations
	Distance Indicator
	Gate (AA-1)

DRIVING DIRECTIONS:

From state route 112 turn onto the Joy-Piedmont county rd. and follow for 2 miles to unit 2.

From unit 2 continue South on the Joy-Piedmont county rd. and follow for 1.2 mi. Then turn left (East) onto the PA-J-2000 and follow for .7 mi.

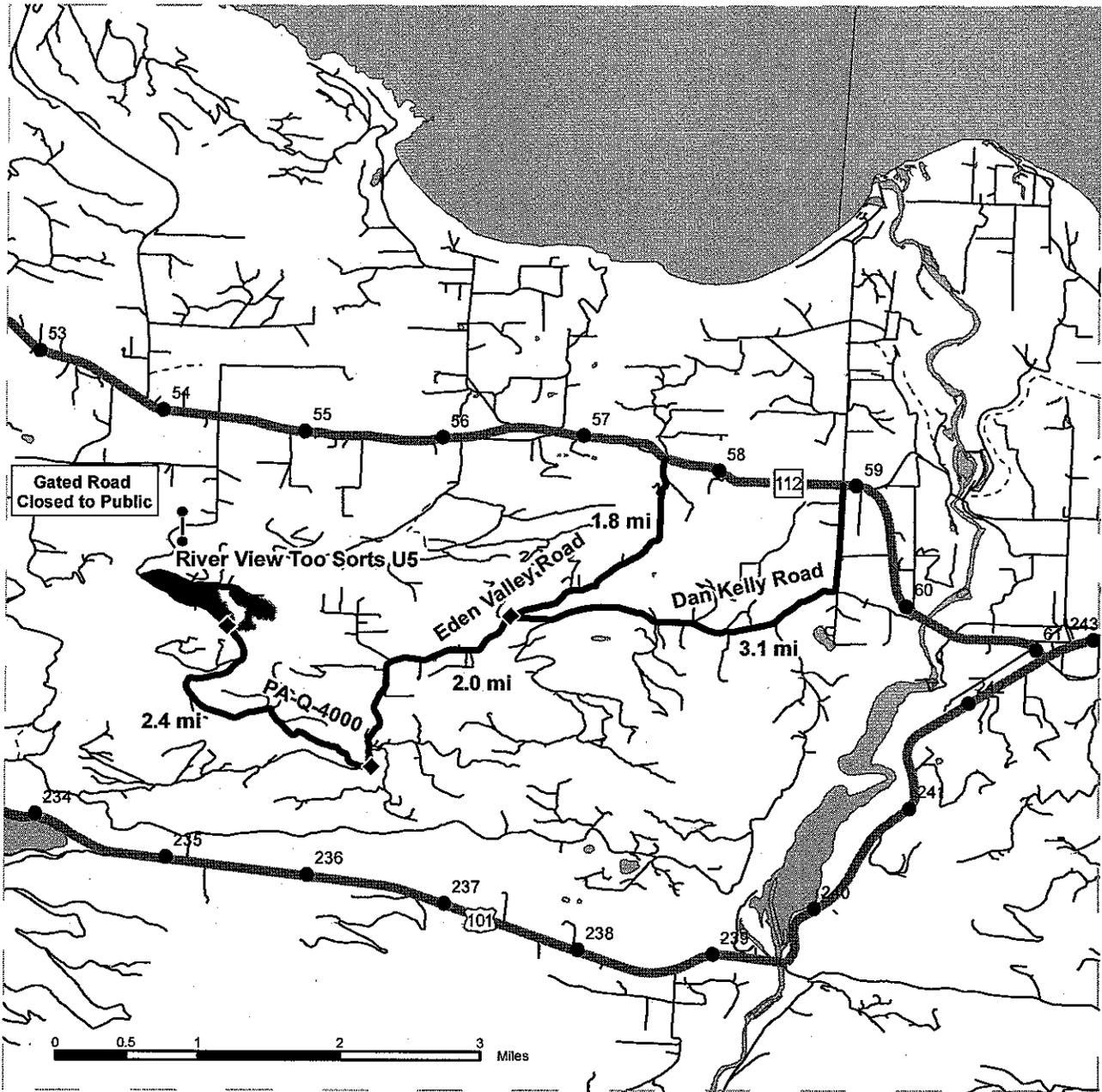
From the PA-J-2000 and the Joy-Piedmont county rd. intersection continue South for .1 mi. Then turn right (West) onto the GC-J-3000 and follow for .6 mi to unit 1. Then turn left (North) onto the PA-J-2040 and follow for .25 mi. to unit 3.

See separate map for Place Pit location and driving directions.

DRIVING MAP

SALE NAME: River View Too Sorts
AGREEMENT#: 30-084815
TOWNSHIP(S): T30N R08W
TRUST(S): State Forest Board Transfer (1)

REGION: Olympic
COUNTY(S): Clallam
ELEVATION RGE: 900-1450



-  Wood Cutting Area
-  Haul Route
-  Highways
-  Forest Roads
-  Open Water

Unit 1- From Joyce drive east on Highway 112 to milepost 57.6 and turn right (south) onto Eden Valley Road. Drive 3.8 miles and turn right (west) onto the PA-Q-4000 road. Go thru open gate and drive 2.4 miles to River View Too Sorts Unit 5.

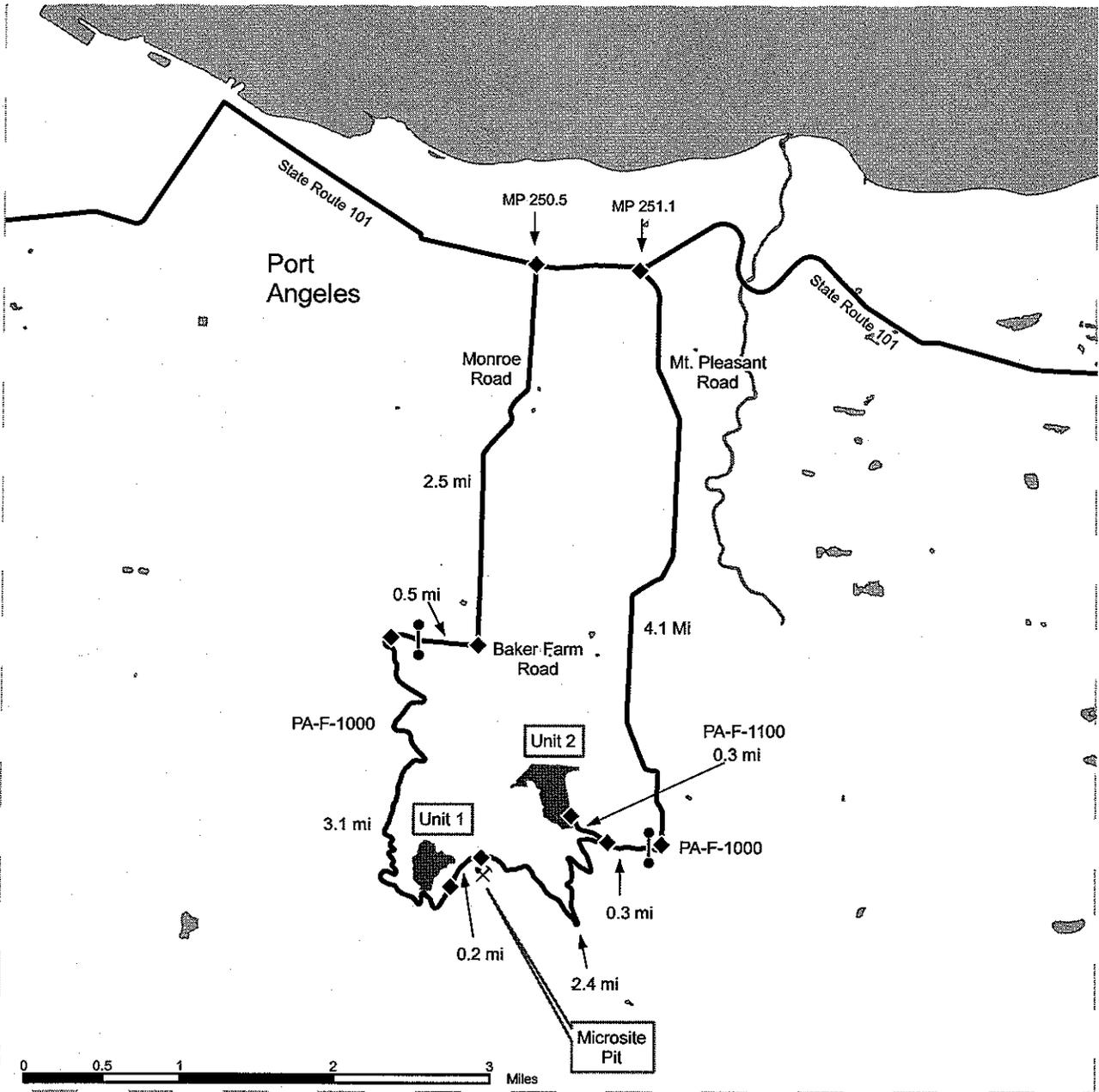
From Port Angeles drive west on Highway 101 to milepost 242.9 and turn right (northwest) onto Highway 112. Drive to milepost 58.9 and turn left (south) onto Dan Kelly Road. Drive 3.1 miles to Eden Valley Road. Continue straight on Eden Valley Road for 2.0 miles to the PA-Q-4000 road. Turn right (west), go thru the open gate and drive 2.4 miles to River View Too Sorts Unit 5.



DRIVING MAP

SALE NAME: Pleasant Park
AGREEMENT#: 30-085829
TOWNSHIP(S): T30R05W, T30R06W
TRUST(S): State Forest Transfer(1), Common School(3)

REGION: Olympic
COUNTY(S): Clallam
ELEVATION RGE: 1180' - 2440'



	Timber Sale Unit
	Gate
	Haul Routes
	Rock Pit

DRIVING DIRECTIONS:

Unit 1 and Microsite Pit: State Route 101. Turn south at MP 250.5 to Monroe Road. Drive 2.5 miles. Turn right to Baker Farm Road. Drive .05 mile, transitioning from paved county road to gravel road. AA-1 key required for gate. Drive 3.1 mile on PA-F-1000 to Unit 1. Continue 0.2 mile to Microsite Pit.

Unit 2: State Route 101. Turn south at MP 251.1 to Mt. Pleasant Road. Drive 4.1 miles. Turn right to PA-F-1000. AA-1 required for gate. Drive 0.3 mile. Turn right onto PA-F-1100. Drive 0.3 mile to Unit 2.

Microsite Pit: State Route 101. Turn south at MP 251.1 to Mt. Pleasant Road. Drive 4.1 miles south. Turn right to PA-F-1000. AA-1 required for gate. Drive 0.3 mile. Veer left and continue 2.4 miles on PA-F-1000 to Microsite Pit.

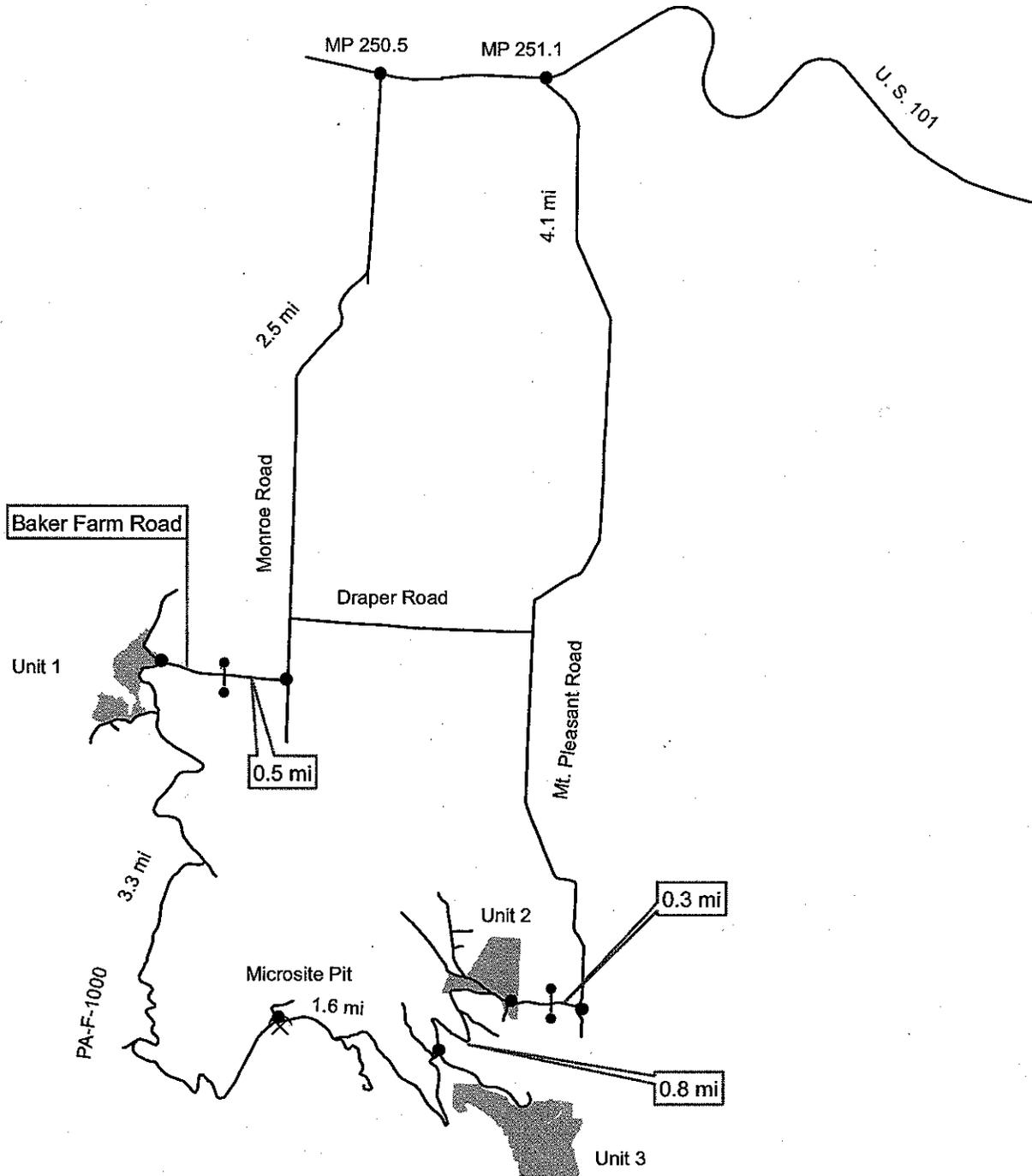
TIMBER SALE MAP

SALE NAME: *Pleasantine*
AGREEMENT NO: 30-083201
TRUST(S): Forest Board Transfer (01)

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

Townships 29 and 30 North, Range 5 West, W.M.

Vicinity Map

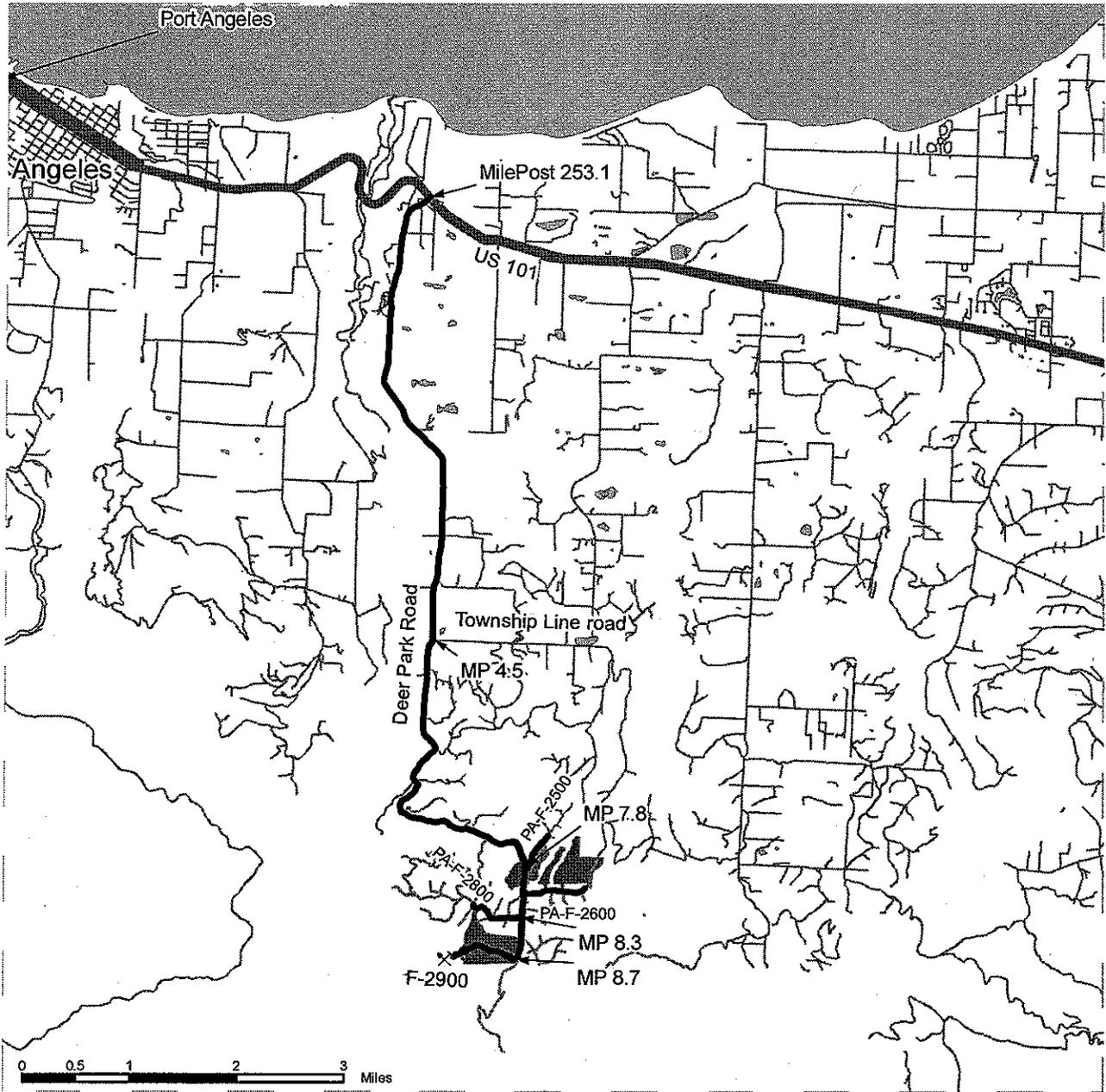


Drawn By: J. Garstang
Date: February 13, 2009
Scale: None
Elevation: 600-1600 ft.

DRIVING MAP

SALE NAME: DEER TOWN
 AGREEMENT#: 30-084834
 TOWNSHIP(S): T29R05W
 TRUST(S): Common School and Indemnity(3)

REGION: Olympic Region
 COUNTY(S): CLALLAM
 ELEVATION RGE: 1899-2388



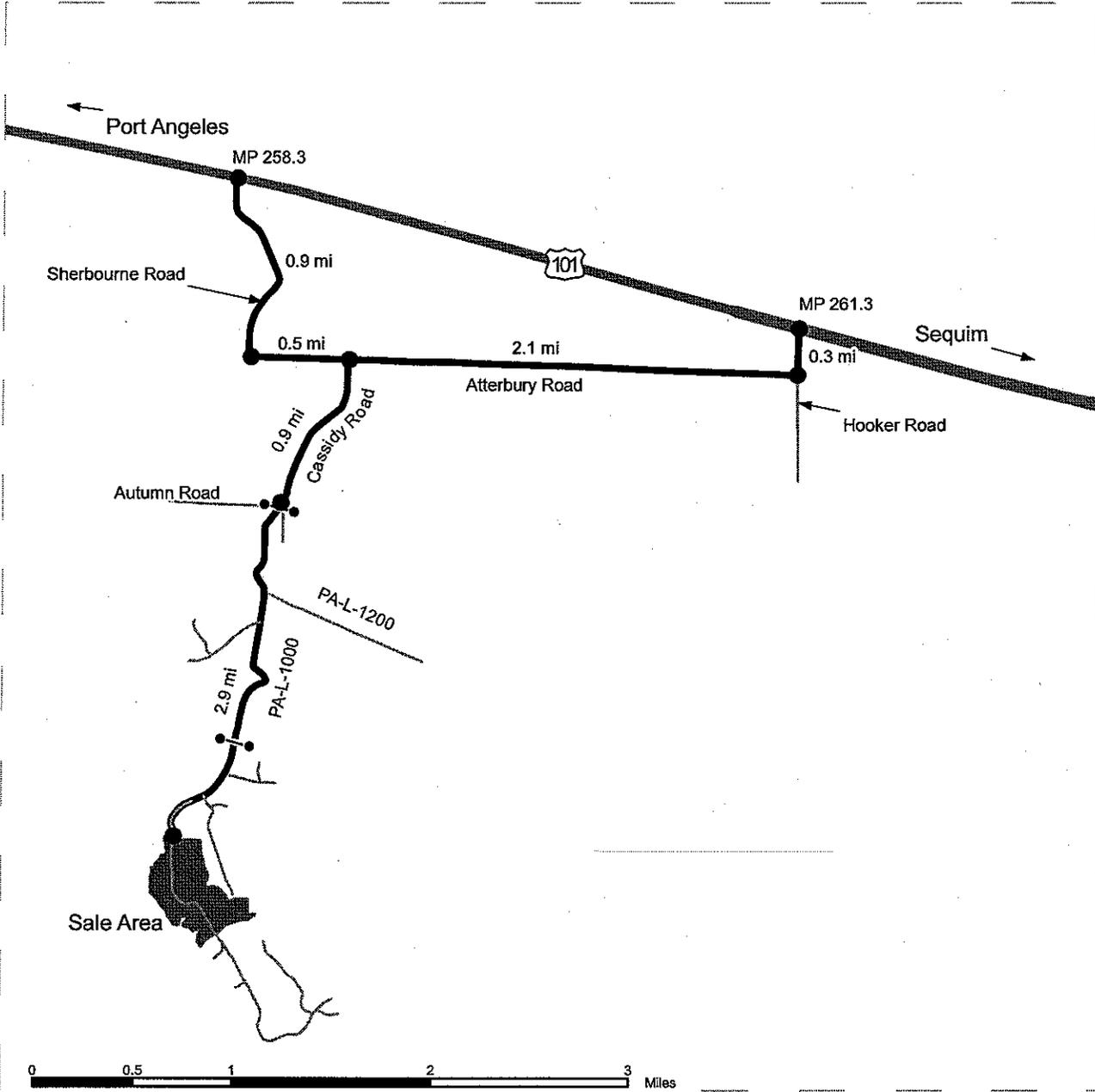
<ul style="list-style-type: none">  Timber Sale Unit  Haul Route  Other Route  Highways  Rock Pit 	<p>DRIVING DIRECTIONS</p> <p>From Port Angeles travel 5.8 miles east on Highway 101, turn right on Deer Park road, travel south 8.3 miles to timber sale area. Unit 1 is located on the west and east side of Deer Park road. Unit 2 and Unit 3 can be accessed from the PA-F-2600 road system which is at MP 8.1. Unit 4 is accessed from the PA-F-2800 and the PA-F-2900 road systems. The rock pit is located at the end of the PA-F-2900.</p>
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DRIVING MAP

SALE NAME: Olys Remains
AGREEMENT#: 30-085830
TOWNSHIP(S): T29 R04 W Sec.06
TRUST(S): 01 State Forest Transfer Lands

REGION: Olympic
COUNTY(S): Clallam
ELEVATION RGE:)900-1550



- Haul Route
- Other Route
- Highways
- gate

DRIVING DIRECTIONS:

From Port Angeles, turn south at MP 258.3. Travel 0.9 miles and turn east on Atterbury Road. Travel 0.5 miles to Cassidy Road.

From Sequim, turn south on Hooker Road and travel 0.3 miles to Atterbury Road. Turn west and travel 2.1 miles to Cassidy Road.

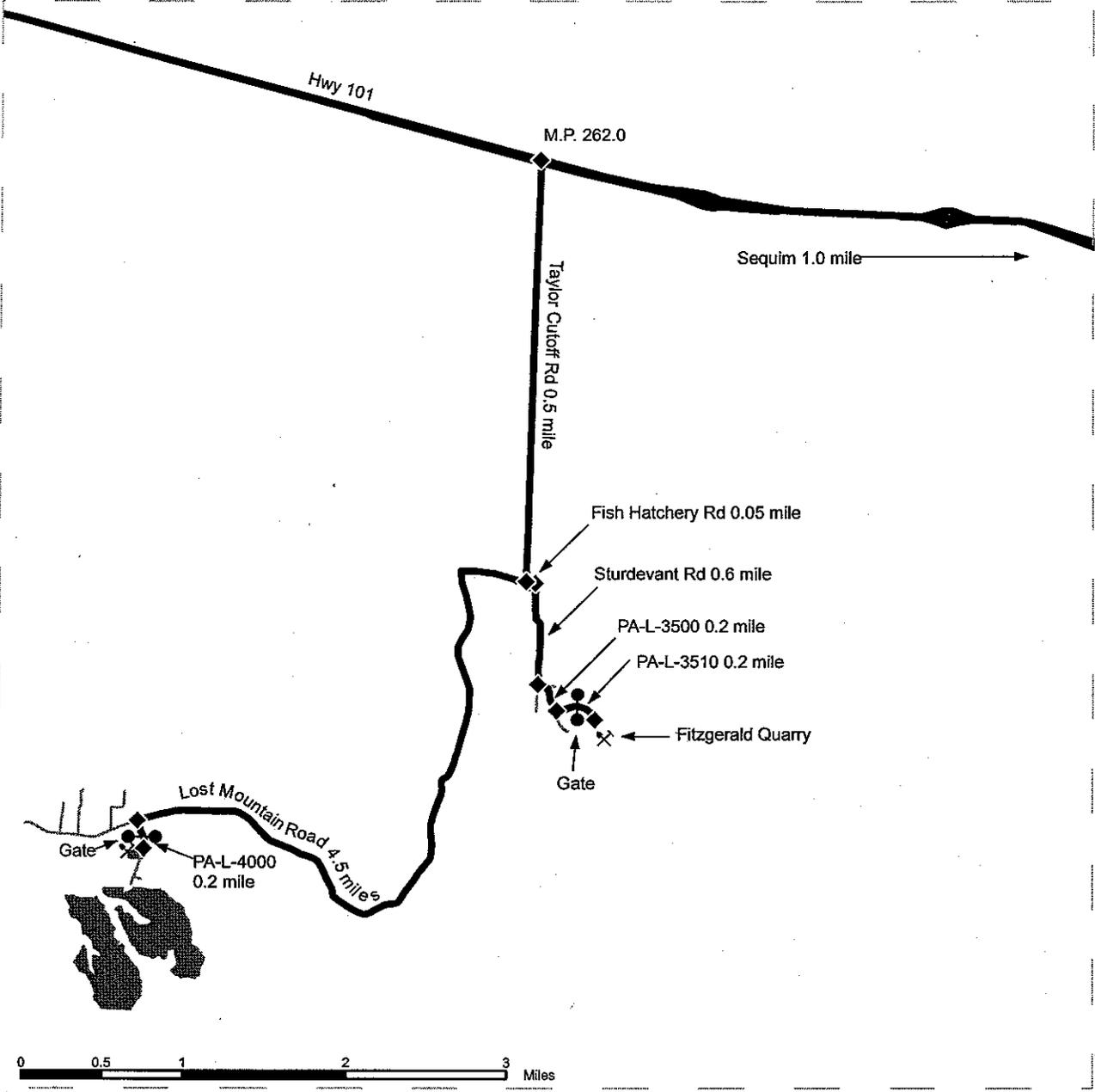
At Cassidy Road, travel south 0.9 miles to the gate on the PA-L-1000 Road. Travel 2.9 miles on the PA-L-1000 to the sale area.



DRIVING MAP

SALE NAME: NORTH TEXAS
 AGREEMENT#: 83203
 TOWNSHIP(S): T29R04N
 TRUST(S): State Forest Transfer(1), State Forest Purchase(2), Common School and Indemnity(3), Capitol Grant(7)

REGION: Olympic Region
 COUNTY(S): CLALLAM
 ELEVATION RGE: 1426-2153



 Timber Sale Unit
 Other Roads
 Haul Routes

DRIVING DIRECTIONS:

North Texas Unit 1/Longhorn Pit, Units 2 & 3: Hwy 101 East. Turn Right at M.P. 262.0 to Taylor Cutoff Rd. Drive 2.6 miles south on Taylor Cutoff Rd. Turn right onto Lost Mountain Rd. Drive 4.5 miles on Lost Mountain Road. Turn left to PA-L-4000. AA-1 key required for gate. Drive 0.2 miles south to Unit 1/Longhorn Pit.

Fitzgerald Quarry: Hwy 101 East. Turn Right at M.P. 262.0 to Taylor Cutoff Rd. Drive 2.6 miles south on Taylor Cutoff Rd. Turn left onto Fish Hatchery Rd. Drive 0.05 mi. then turn right onto Sturdevant Rd. Drive 0.6 miles on Sturdevant Rd. then turn left to PA-L-3500. Drive 0.2 miles on PA-L-3500 then turn left on PA-L-3510. AA-1 key required for gate. Drive 0.2 miles on PA-L-3510 to Fitzgerald Quarry.

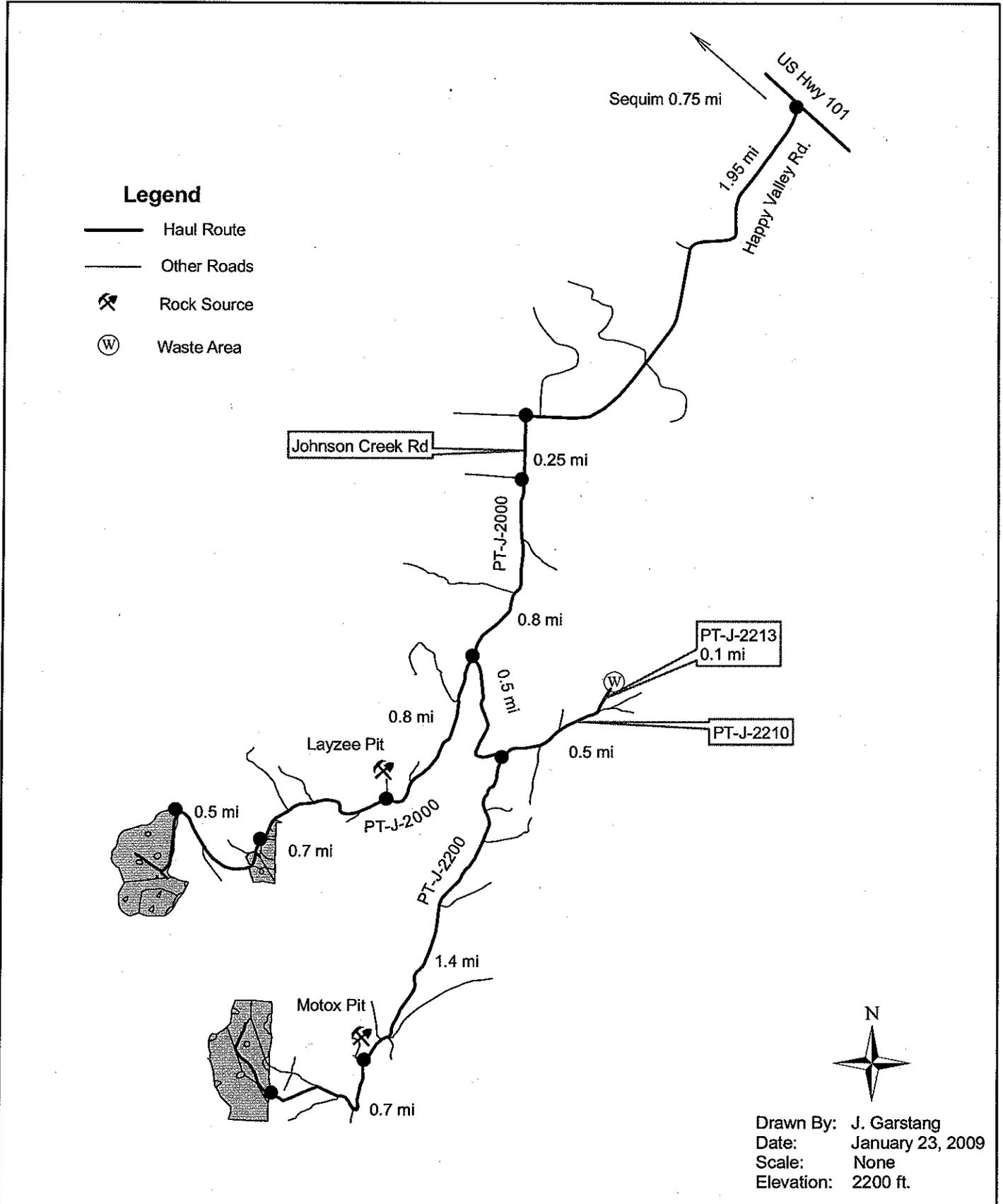


TIMBER SALE MAP

SALE NAME: DRHP#1
 AGREEMENT NO: 30-083204
 TRUST(S): State Forest Board Transfer (01), Common School (03)

REGION: Olympic
 COUNTY(S): Clallam

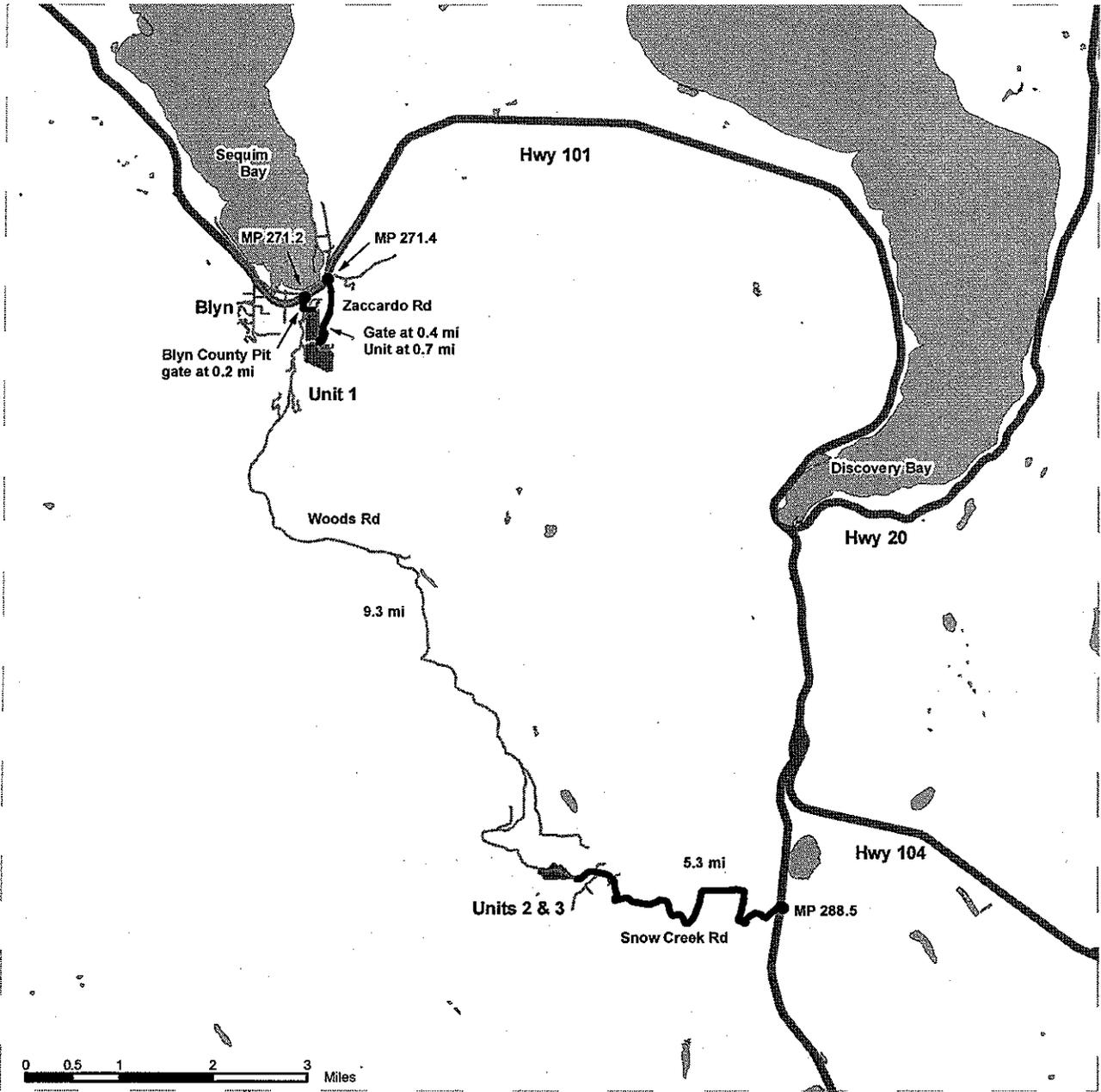
Township 29 North, Range 3 West, W.M.



DRIVING MAP

SALE NAME: LONGHOUSE DELUXE
AGREEMENT#: 30-089839
TOWNSHIP(S): T28R02W, T29R02W, T29R03W
TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

REGION: Olympic Region
COUNTY(S): CLALLAM, JEFFERSON
ELEVATION RGE: 59-1000



	Timber Sale Unit
	Haul Route
	Other Route
	Highways

DRIVING DIRECTIONS:

Unit 1 - From US Highway 101 (milepost 271.4) turn south onto Zaccardo Road and follow for 0.4 miles. Go through the unlocked gate 0.3 miles to the unit.

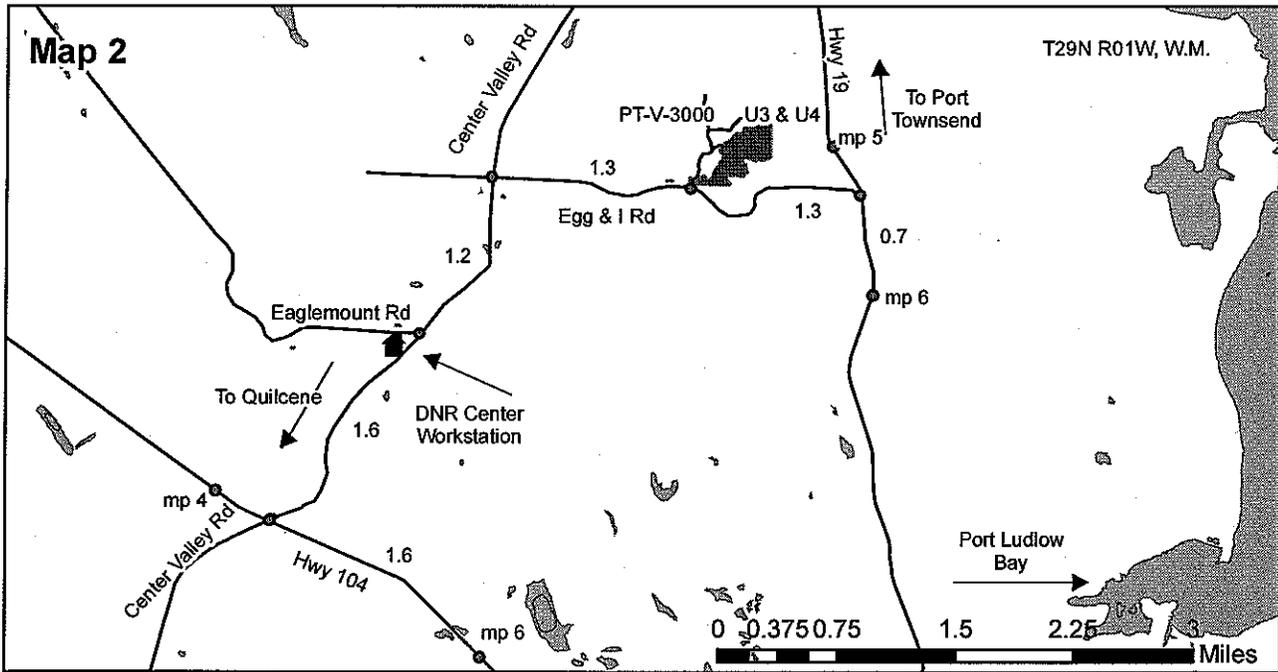
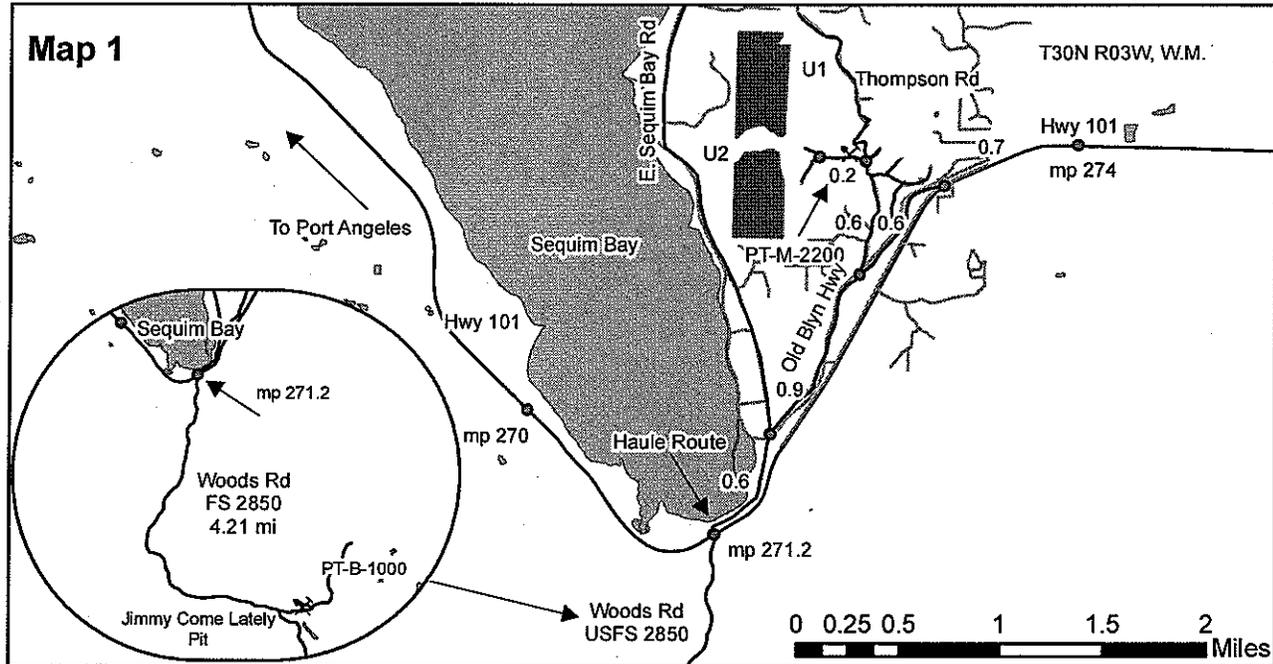
Units 2 and 3 - From US Highway 101 (milepost 288.5) turn west onto Snow Creek Road and follow for 5.3 miles to Units 2 and 3.



DRIVING MAP

SALE NAME: Thompson Center
AGREEMENT#: 30-084705
TOWNSHIP(S): T29N R01W, T20N R03W, W.M.
TRUST(S): Common School & Indemnity

REGION: Olympic
COUNTY(S): Jefferson & Clallam
ELEVATION RGE: 90' - 360'



- DNR Workstation
- Distance Indicator
- Rock Pit
- Hauling Routes
- Timber Sale Unit
- Open Water

DRIVING DIRECTIONS:

Map 1
 From Highway 101 at mp 274 travel west for 0.7 miles. Make a right hand turn onto old Blyn Hwy and travel 0.6 miles. Make a sharp right hand turn onto Thompson Rd and travel north for 0.6 miles. Timber sale is located west of Thompson Rd on the PT-M-2200.

Map 2
 Cross the Hood Canal Bridge and travel west on Hwy 104 for 9.6 miles. Turn right onto Center Valley Rd 1.6 miles past the milepost 6 marker. Proceed north on Center Valley road for 2.8 miles. Make a right hand turn heading east on the Egg & I Rd. Travel 1.3 miles east on the Egg & I Rd and make a left hand turn onto the PT-V-3000. Timber sale is located on the PT-V-3000.



Prepared By: J. Brown

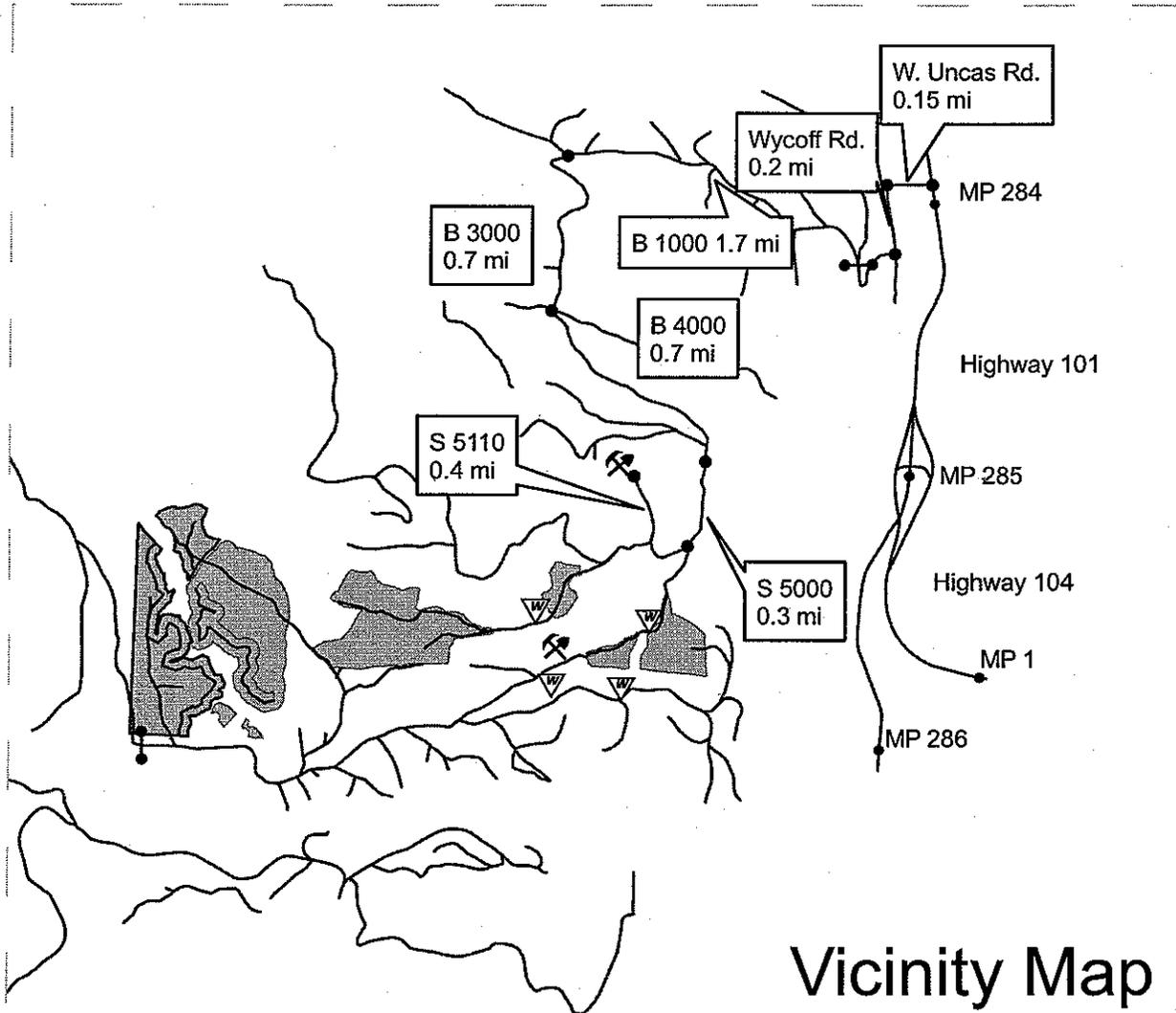
Creation Date: 10/06/2009

Modification Date: 10/07/2009

DRIVING MAP

SALE NAME: SKIDDER TRAP
AGREEMENT#: 30-083196
TOWNSHIP(S): 28N - 2W
TRUST(S): FOREST BOARD TRANSFER (01)

REGION: OLYMPIC
COUNTY(S): JEFFERSON
ELEVATION RGE: 960 - 1,760 FEET



Vicinity Map
Not to Scale

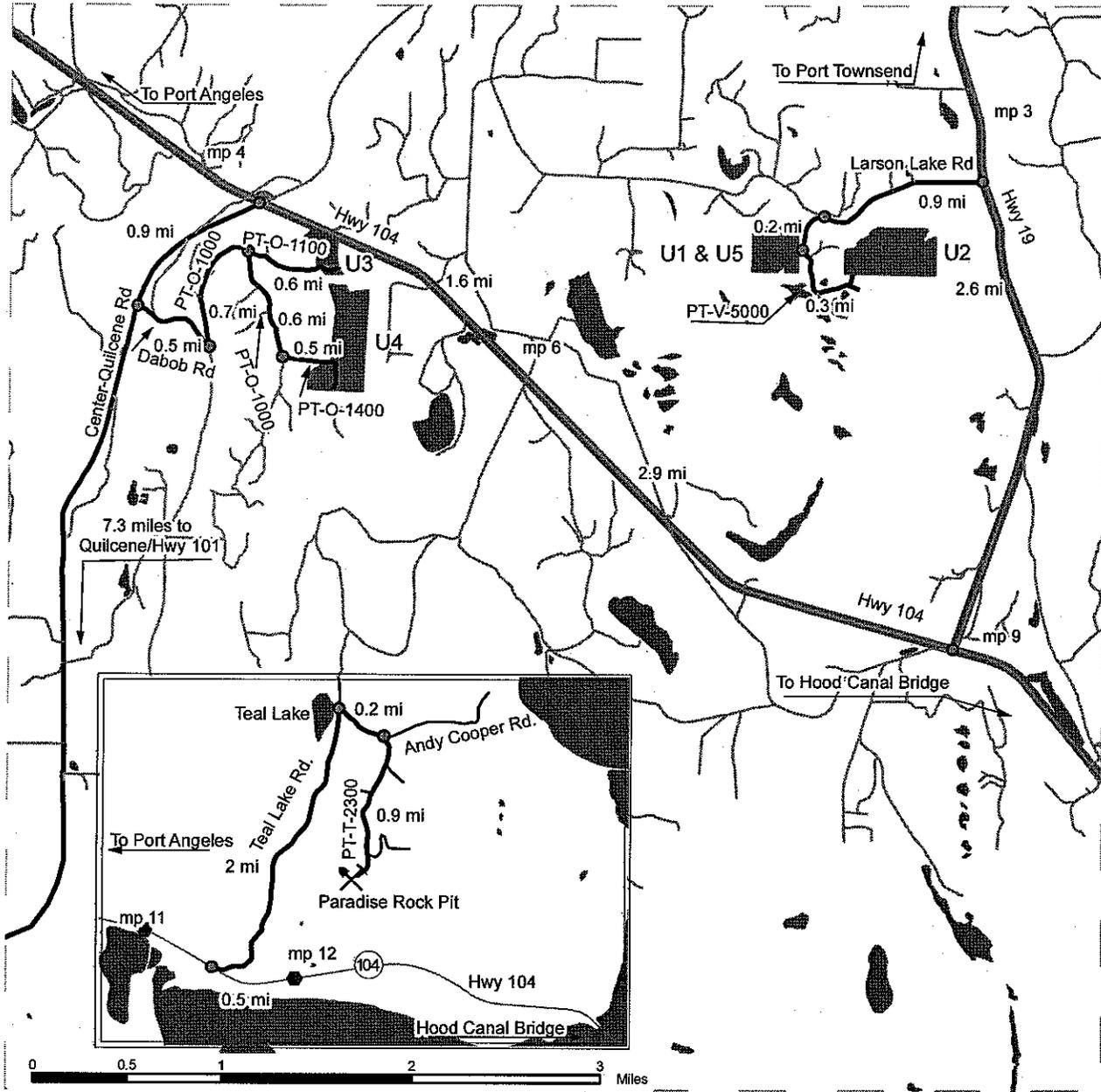
DRIVING DIRECTIONS:

From Highway 101 turn west on West Uncas Road just north of mile post 284. Travel 0.1 mile to Wycoff road and turn left (south). Follow for 0.2 mile, keeping to the right at the intersections with private driveways. Wycoff Road becomes the B-1000 mainline. Travel an additional 1.7 miles going through the gate and staying to the right at all main road intersections. Turn left (south) up the hill on the B-3000 Road for 0.7 mile. At the four way junction continue straight, heading steeply uphill to the southeast on the B-4000 Road. Travel 0.7 mile further to the junction with the PT-S-5000 mainline. Stay to the left and head south for 0.3 mile to the junction of the PT-S-5000 and PT-S-5100. Staying to the left at this junction leads to the end of a short stub road and the beginning of the new construction on the PT-S-5000. Staying to the right leads up into the timber to both the Big Skidder Pit on the PT-S-5110 spur and to the beginning of the new construction for the PT-S-5120.

DRIVING MAP

SALE NAME: Larson Lake
AGREEMENT#: 30-084835
TOWNSHIP(S): T28N R01W, W.M.
TRUST(S): State Forest Board Transfer (01), Common School & Indemnity (03)

REGION: Olympic
COUNTY(S): Jefferson
ELEVATION RGE: 400' - 660'



	Haule Route
	Highway
	Timber Sale Unit
	Open Water
	Milepost Marker
	Milepoint Marker
	Rock Pit

DRIVING DIRECTIONS:

Units 1 & 2
 From Highway 104 at milepost 9 travel 0.1 miles west. Make a right hand turn onto Highway 19 and travel 2.6 miles. Make a left hand turn onto Larson Lake Rd and travel 0.9 miles. Make a left hand turn onto the PT-V-5000. The road is gated. Unit 1 of the timber sale is located 0.2 miles on the PT-V-5000. Unit 2 of the timber sale is located 0.5 miles on the PT-V-5000.

Units 3 & 4
 From Highway 104 at milepost 6 travel west for 1.6 miles. Exit right and make a right hand turn onto Center-Quilcene Rd. Travel 0.9 miles south. Make a left hand turn onto Dabob Rd and travel 0.5 miles. Make a left hand turn onto the PT-O-1000 and travel 0.7 miles. Unit 3 of the timber sale is located 0.6 miles down the PT-O-1100. Unit 4 of the timber sale is located an additional 0.6 miles down the PT-O-1000 and off the PT-O-1400.

Prepared By: J. Brown

Creation Date: 12/01/2009

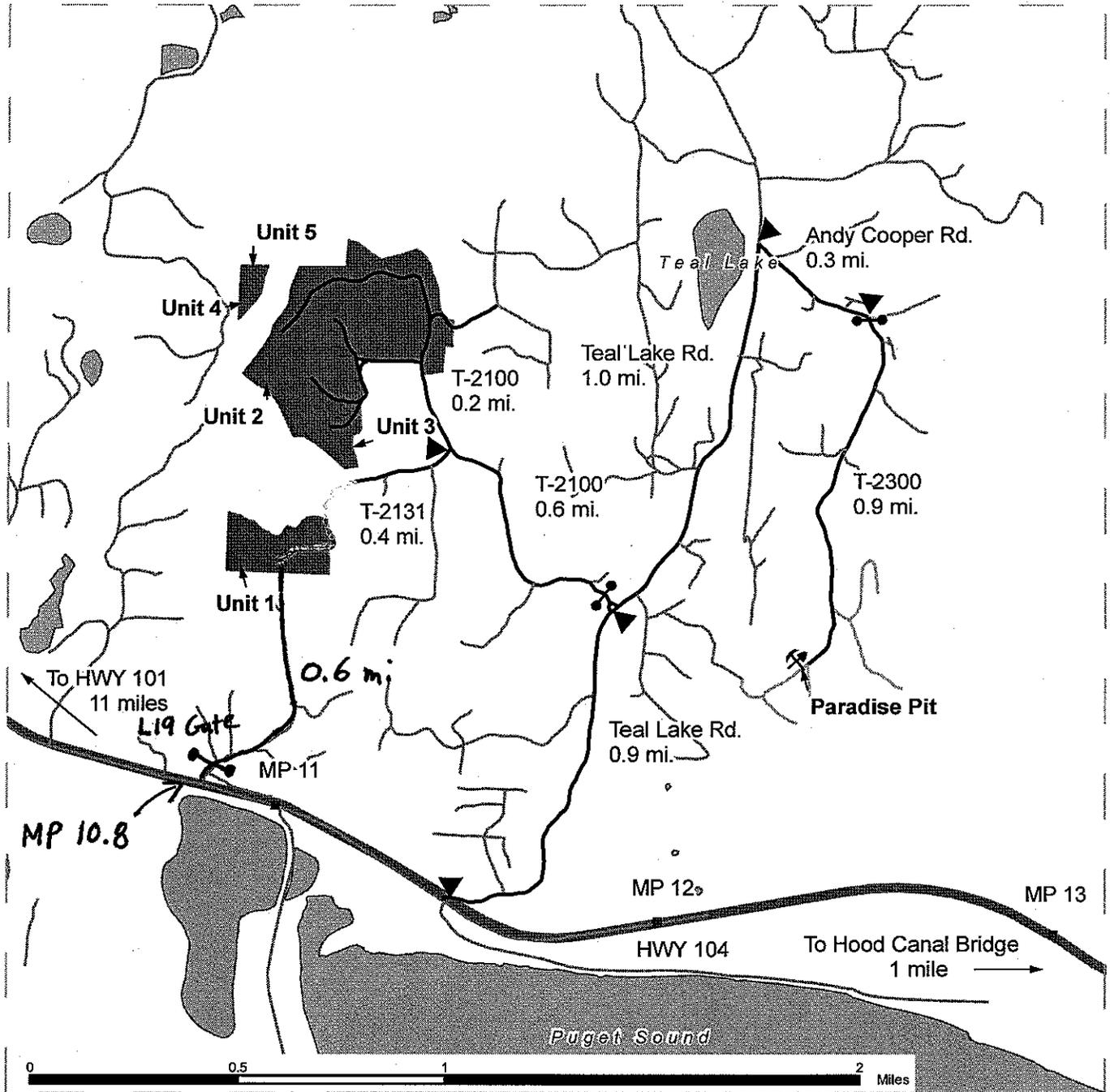
Modification Date: 12/02/2009



DRIVING MAP

SALE NAME: Tee Time
 AGREEMENT#: 30-084840
 TOWNSHIP(S): T28N R1E Sec. 28 & 29
 TRUST(S): State Forest Board Transfer (1)

REGION: Olympic
 COUNTY(S): Jefferson
 ELEVATION RGE: 150-400 ft.



<ul style="list-style-type: none">  Timber Sale Unit  Existing Roads  Haul Route  Highway  Milepost  Gate (AA1)  Rock Pit  Distance divider 	<p>DRIVING DIRECTIONS:</p> <p>Timber Sale Units: 25, 26, 4</p> <p>Travel 0.9 mi. north on Teal Lake Rd from the Highway 104 junction at milepost 11.5. Turn west onto PT-T2100 Rd. Shared gate requires AA1 key. Continue 0.6 mi on T-2100 to junction with T-2131. Unit 4 is 0.4 mi. west on the T-2131. Units 2 and 3 are 0.2 mi. north on the T-2100. Units 4 and 5 are walk in; across stream to west.</p> <p>Unit 1: Go to MP 10.8 on SR 104. Go north through L19 Gate for 0.6 miles to unit.</p> <p>Rock Pit: Travel 1.9 mi. north on Teal Lake Rd from the Highway 104 junction. Turn east on Andy Cooper Rd. Go 0.3 mi. then turn south onto PT-T2300. Shared gate requires AA1 key. Continue 0.9 mi. south on T-2300. Pit located west of road.</p>
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SECTION IV - BID FORM REQUIREMENTS

Bid Form Requirements

Bids must be submitted on the Bid Form (Section IV).

- A. If there are multiple Items to be awarded, the bidder may choose to bid on any combination of Items. A bidder may also bid on all Items or any combination of Items with the specification that all Items awarded be restricted to a specified total acreage. That acreage limit must be entered in the space provided on the bid form and must be at least as large as the largest Item for which a bid is submitted.
- B. A Unit Bid Price and a unit total must be entered for all of the Units in any Item the bidder is bidding on. For Items being offered on a per acre basis, the Unit Total is calculated by multiplying the per acre Unit Bid Price times the Unit acres. For Items being offered on a per thousand basis, the Unit total is calculated by multiplying the per thousand Unit Bid Price times the quantity of seedlings designated in the Unit Description, divided by 1000. All Unit Totals within an Item must be summed and entered as the Item Total. In the event of an error in the extension of Unit Totals or Item Totals, the individual Unit Bid Price shall prevail
- C. All bid forms must be signed in ink. If the bid is made by a corporation, it shall be signed by the corporation's authorized designee. Incomplete or unsigned bids may be rejected.

SECTION IV - BID FORM Page 1 of 2

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1345

Award of contract shall be on an **Item** basis

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 1345.

Item No.	Unit No.	Unit Name	Acres ¹	Unit Bid Price (Per Acre)	Unit Total ²
A	1	Bear Mill Divide U1	46	\$ _____	\$ _____
A	2	Bear Mill Divide U2	68	\$ _____	\$ _____
A	3	Frontier U1	69	\$ _____	\$ _____
A	4	Frontier U2	52	\$ _____	\$ _____
A	5	Boulder U2	47	\$ _____	\$ _____
A	6	Hey Louie U1	53	\$ _____	\$ _____
A	7	Stripes U2	34	\$ _____	\$ _____
A	8	Stripes U3	23	\$ _____	\$ _____
A	9	Kari Rat U1	72	\$ _____	\$ _____
A	10	Joyce Dry Sorts U1	80	\$ _____	\$ _____
A	11	Joyce Dry Sorts U2	34	\$ _____	\$ _____
A	12	Piedmont Hill U2	79	\$ _____	\$ _____
A	13	Piedmont Hill U3	85	\$ _____	\$ _____
A	14	River View Too U5	79	\$ _____	\$ _____
A	15	Pleasant Park U1	31	\$ _____	\$ _____
A	16	Pleasant Park U2	53	\$ _____	\$ _____
A	17	Pleasantine U1	27	\$ _____	\$ _____
A	18	Pleasantine U3	66	\$ _____	\$ _____
A	19	Deer Town U1	41	\$ _____	\$ _____
A	20	Deer Town U2	9	\$ _____	\$ _____
A	21	Deer Town U3	53	\$ _____	\$ _____
A	22	Oly Remains U1	84	\$ _____	\$ _____
A	23	North Texas U2	96	\$ _____	\$ _____
A	24	North Texas U3	95	\$ _____	\$ _____
A	25	DRHP #1 U1	12	\$ _____	\$ _____

SECTION IV - BID FORM Page 2 of 2

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1345

Item No.	Unit No.	Unit Name	Acres ¹	Unit Bid Price (Per Acre)	Unit Total ²
A	26	Longhouse Deluxe U1	66	\$ _____	\$ _____
A	27	Longhouse Deluxe U2	23	\$ _____	\$ _____
A	28	Longhouse Deluxe U3	2	\$ _____	\$ _____
A	29	Thompson Center U1	70	\$ _____	\$ _____
A	30	Thompson Center U2	60	\$ _____	\$ _____
A	31	Thompson Center U3	41	\$ _____	\$ _____
A	32	Skidder Trap U1	25	\$ _____	\$ _____
A	33	Skidder Trap U2	7	\$ _____	\$ _____
A	34	Skidder Trap U3	10	\$ _____	\$ _____
A	35	Skidder Trap U4	67	\$ _____	\$ _____
A	36	Skidder Trap U7	43	\$ _____	\$ _____
A	37	Skidder Trap U8	14	\$ _____	\$ _____
A	38	Skidder Trap U9	56	\$ _____	\$ _____
A	39	Larson Lake U1	26	\$ _____	\$ _____
A	40	Larson Lake U2	65	\$ _____	\$ _____
A	41	Larson Lake U3	17	\$ _____	\$ _____
A	42	Larson Lake U4	58	\$ _____	\$ _____
A	43	Tee Time U1	18	\$ _____	\$ _____
A	44	Tee Time U2	85	\$ _____	\$ _____
A	45	Tee Time U4	2	\$ _____	\$ _____
TOTAL ITEM A ACRES:			2,143	TOTAL BID PRICE FOR ITEM A:	\$ _____

Bidders Name and Address:

Signature: _____

Title: _____

Company: _____

Note:

Detach and return this Section as per Clause 1-05.

¹An approximate number.

