

State of Washington  
Department of Natural Resources  
Doug Sutherland, Commissioner of Public Lands

South Puget Sound Region  
INVITATION TO BID/CONTRACT NUMBER 1228

Contract Digest For TREE PLANTING:

SECTION I

Notice to All Bidders  
Instructions to Bidders

SECTION II

Division I - Bidding Requirements  
Division II - General Provisions  
Division III - Specifications  
Division IV - Compliance Inspection

SECTION III

Unit Descriptions  
Unit Maps

SECTION IV

Bid Form

SECTION V

Offer and Contract Award

SECTION I

Notice to All Bidders

Instructions to All Bidders

SECTION I

NOTICE TO ALL BIDDERS

Bids will be received at the Department's South Puget Sound Region office. Mailing address:

Department of Natural Resources  
South Puget Sound Region  
950 Farman Ave North  
Enumclaw WA 98022-9282

**Bid Opening:** Bids will be accepted at the Department's South Puget Sound Region office until 2: 00 PM on January 6, 2009 at which time and place all bids will be opened and read aloud.

You are invited to bid this work and are advised to examine the areas prior to bidding. Questions pertaining to unit(s) can be answered by contacting Department Representative John Fisher at 1 (360) 802-7010.

INSTRUCTIONS TO ALL BIDDERS

Deliver all requested forms, bid deposits, performance/damage deposits, certification of insurance, Contractor's Declaration of Industrial Insurance, and equipment and/or operator certifications when required to:

Randy Acker, Region Manager  
Department of Natural Resources  
South Puget Sound Region  
950 Farman Ave North  
Enumclaw WA 98022-9282

The bid and bid deposit must be received at the Department's South Puget Sound Region office prior to Bid Opening (see Notice To All Bidders, page 3).

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

Addressed to: Randy Acker, Region Manager  
Department of Natural Resources  
South Puget Sound Region  
950 Farman Ave North  
Enumclaw WA 98022-9282

Upper left corner: Bidder's Address

Lower left corner: Tree Planting - "Sealed Bid"  
Invitation to Bid/Contract No. 1228

Questions concerning this Invitation to Bid/Contract should be referred to Department Representative John Fisher of the South Puget Sound Region office by calling 1 (360) 802-7010.

## SECTION II

Division I - Bidding Requirements

Division II - General Provisions

Division III - Specifications

Division IV - Compliance Inspection

## SECTION II, Division I - Bidding Requirements

### 1-10 Preparation of Bids

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

### 1-20 Submission of Bids

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

### 1-30 Performance/Damage Deposit

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

## 1-40 Award of Contract

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

## SECTION II, Division II - General Requirements

### 2-10 Definitions

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

### 2-20 Responsibilities and Legal Relations

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

### 2-30 Subcontracting

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

## 2-40 Determination of Payment

- 2-41 The boundaries as designated under Clause Section 2-100, and defined in detail on the Unit Description attached, provide the basis for determining acreage completed. Failure to complete work to boundaries established by the Department renders work unsatisfactorily completed. The Contractor is to take the initiative in determining whether boundaries are sufficiently marked. No consideration will be given for work that extends beyond unit boundaries. If work extends beyond unit boundaries, charges may be levied against the Contractor by the Department for damages suffered.
- 2-42 The total trees planted by the Contractor will be determined using acres completed (Clause 2-41) and the findings from the planting inspection plots (Division IV) as follows:
- 2-42.01 From planting inspection plot findings 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.
- 2-43 Contract compliance inspection of work performed and payment for work performed will be based on acreage completed (Clause 2-41).
- 2-44 The acceptability of planting work performed and the rate of pay for planting work performed will be based on the seedling planting performance rating resulting from the Department's inspection as described in Division IV - Compliance Inspection.
- 2-44.01 Satisfactory Planting Performance - The Contractor's performance of seedling planting will be considered satisfactory if the seedling planting performance rating for work performed is determined to be between 92% and 105%.
- 2-44.02 Rate of Pay - The Contractor's rate of pay for work performed will be at the Unit Bid Price when the Compliance Inspection indicates planting performance is satisfactory (Clause 2-44.01). The Contractor's rate of pay will not exceed the per acre or per thousand rate of the Unit Bid Price. The Contractor's performance of seedling planting will be considered unsatisfactory if the seedling planting performance rating for work performed is determined to be greater than 105% or less than 92%. The minimum damages that will be collected for unsatisfactory work for which seedling planting performance is rated at less than 92% are as follows: For work which has the seedling planting performance rated at less than 92% but equal to or greater than 59%, the Contractor's pay will be at a rate equal to the Unit Bid Price reduced by 3% for every one percentage point the seedling planting performance rating is below 92%. Work which has the seedling planting performance rated at 58% or less will not qualify for pay.

### Payment Examples

1. Assumption: The Unit Bid Price is \$40 per acre and the seedling planting performance rating is 90% for work completed.  
  
Conclusion: The seedling planting performance rating of 90% is two percentage points less than the 92% performance limit, a 3% reduction for each of the percentage points equals a total reduction in the Unit Bid Price of 6%. Therefore, 100% minus 6% equals a 94% rate of pay per acre which is:  $94\% \times \$40/\text{acre} = \$37.60/\text{acre}$ .
2. Assumption: The Unit Bid Price is \$78 per thousand and the seedling planting performance rating is 80% for work completed.

## 2-40 Determination of Payment (continued)

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

- 2-45 The Department may at its option subdivide and inspect units to determine the acceptability of work performed. Subdivisions for this purpose will be a minimum of ten (10) acres in size.
- 2-46 At the Department's option, the Contractor shall rework a unit or subdivision of a unit on which the Contractor's work performance is not rated satisfactory, and further, it shall be the Department's option to require the rework be completed prior to starting new work. Reworked areas will be reexamined for contract compliance, the resulting performance rating will supersede the previous performance rating for the area in question.
- 2-47 Payment shall be made as follows:
- 2-47.01 Payment may be made by the month, unit or by one total payment. Details of payment schedule will be determined in the prework conference (Clause 2-71). The Department will attempt to comply with the desires and needs of the Contractor but assumes no legal duty or obligation to adhere to the schedule of payment so arranged.
  - 2-47.02 Partial payment may be made upon completion of part of a unit as determined by the Department. Request for partial payment is to be made by the Contractor utilizing the Contractor's Billing Invoice and Compliance Report provided by the Department. The Contractor or contract representative (Clause 2-28) shall sign the Contractor's Billing Invoice and Compliance Report after completion of each such "sub-unit" being submitted for payment. The Department Representative will then make payment recommendations for the invoice and forward the Contractor's Billing Invoice and Compliance Report to the Department's Region office for processing.
  - 2-47.03 The Contractor or contract representative (Clause 2-28) and the Department representative shall sign the Contractor's Billing Invoice and Compliance Report form at the conclusion of work on each unit. Final payment will not be made to the Contractor unless the Contractor's Billing Invoice and Compliance Report form are signed by the Contractor or contract representative and the Department representative, and "final" payment is designated thereon.
  - 2-47.04 If a unit's contract acreage is disputed the Contractor may upon completion of the unit request a verification traverse by the Department, the request must be in writing and signed by the Contractor. The Department will pay the Contractor based on acres determined from the verification traverse. If the verification traverse indicates the net acres specified in the Unit Description are correct within plus or minus five percent (5%) the Contractor shall pay the cost of the verification traverse at a rate of ten dollars (\$10.00) per one hundred (100) feet of traversed boundary.
  - 2-47.05 Ten percent (10%) of all payments due Contractors who employ workers shall be retained by DNR as security for L&I industrial insurance premiums owed for their workers. Upon determination that the Contractor has met all financial obligations for industrial insurance premiums related to the Item(s) of this Contract, the 10% retainage will be returned to the Contractor. DNR will return this retainage approximately 45 days following close of the quarter in which the work was completed. However, if the Contractor notifies DNR in writing that they have paid all L&I premiums associated with the Item(s) of this Contract, DNR will, upon determination that the Contractor has met all financial obligations for industrial insurance premiums related to the Item(s) of this Contract, work diligently to return the retainage as soon as practical.

## 2-50 Nondiscrimination

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

## 2-60 Contract Administration

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

## 2-70 Contract Work Procedure

- 2-71 The Contractor shall attend a prework conference prior to commencing contract work (see Clauses 2-28, 2-47.01, 2-72, 3-34.01 and 3-44). The time and place of the prework conference shall be determined by the Department, the Contractor will be notified of the time and place when the contract is awarded. When considered practical by the Department the time and/or place of the prework conference may be altered if requested in writing by the Contractor.
- 2-72 A work schedule is required from the contractor. The work schedule shall be set at the prework conference (Clause 2-71) and must be acceptable to the Department. To be acceptable the work schedule must be practicable: The work schedule must identify the latest date by which the Contractor agrees to commence contract work on each unit awarded. The work schedule must allow a reasonable time period for the work to be completed according to contract requirements herein, and further, if more than one unit has been awarded the work schedule must indicate the sequence in which the units will be worked by the Contractor. If for any reason during the contract period the Contractor's work schedule is no longer viable, the Contractor must submit a revised work schedule for Department approval.

## 2-70 Contract Work Procedure (continued)

- 2-73 The Contractor shall obtain written permission to begin work on a unit. Such permission shall be applied for through the Department's Region office listed in the Notice To All Bidders section of the contract. Permission requests will require a minimum of two working days to process. The Department at its option may require person-to-person discussions between the Contractor and selected Department representatives prior to granting the required written permission. In the event the Contractor stops work for a period of one (1) week or more, or if the initial start-up is delayed by one (1) week or more the Contractor must reapply for permission to begin work.
- 2-74 Work shall only proceed on regular Monday through Friday work days. If allowed, work on weekends or designated State holidays will require written permission from the Department.

## 2-80 Work Progress and Contract Performance

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

## 2-90 Fire Responsibility

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

## 2-100 Boundaries

- 2-101 The boundaries except for easily identified ground features have been plainly marked with colored plastic flagging.
- 2-102 Net acreage as indicated in the Unit Description was measured on the horizontal plane. Large openings, roads, and buffer zones have been deducted from the gross acreage and are designated on the unit map.

## 2-110 Merchantable Products

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

## 2-120 Litter and Refuse

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

## 2-130 Camping

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

## SECTION II, Division III - Specifications

### 3-10 Unit Description

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

### 3-20 General Specifications - Planting Operation

- 3-21 Protection - Within the limits of Technical Specifications - Planted Seedlings (Clause Section 3-30) trees shall be planted near stumps, logs, dead brush or other dead shade so as to provide protection from animal damage, drying winds and solar radiation.
- 3-22 Planting Method - The "line" method of planting will be used by planting crews rather than having the crew randomly scattered on the unit, unless otherwise permitted by the Department representative. Each planter will only plant one (1) line at a time on each pass. As per "Seedlings Required Per Acre After Planting" each line will be at the "Approximate Spacing" given in Table A, Clause 4-32.
- 3-23 Weather Conditions - Planting operations will be halted when in the Department's judgment weather conditions are injurious to the seedlings. Weather conditions during which the Department does not allow planting include, but are not limited to: an air temperature of less than 32 degrees F (32EF) or greater than 65 degrees F (65EF), a wind velocity greater than twenty miles (20) per hour, the soil is frozen more than one-half (1/2) inch deep, or snow cover is greater than two (2) inches.

### 3-30 Technical Specifications - Seedling Planting

- 3-31 Planting spots shall favor survival and growth of planted seedlings.
- 3-32 Spacing and number of seedlings planted shall be in accordance with the following:
  - 3-32.01 Where planting spots are available and in accordance with all specifications of this section (3-30 Technical Specifications - Seedling Planting) seedlings shall be planted over all portions of the unit at an average spacing which will meet the Unit Description's specifications for seedlings required per acre after planting.
  - 3-32.02 While maintaining the specified average spacing (Clause 3-32.01) the spacing of individual seedlings may vary within the limits of Clause 3-32.03 where needed to locate a plantable spot.
  - 3-32.03 Seedlings shall not be planted closer than the minimum seedling distance specified in the Unit Description from: another contractor planted seedling, an acceptable natural seedling, or an acceptable previously planted seedling. Acceptable natural or previously planted seedlings are defined as any conifer seedling which is six (6) inches tall or taller and is well formed and vigorous.
- 3-33 Preparation of the planting spot is required. The preparation shall include, where appropriate, the clearing and/or scalping to mineral soil of an area which has a minimum diameter of one (1) foot and is located as near the center of the planting spot as is practicable.
  - 3-33.01 Clearing shall mean 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.

### 3-30 Technical Specifications - Seedling Planting (continued)

- 3-33.02 Scalping shall mean the removal of sod and that vegetation which is less than two (2) feet tall and has a base diameter of one-fourth (1/4) inch or less.
- 3-34 Planting hole location and preparation shall be as follows:
- 3-34.01 The planting hole shall be located in mineral soil and as near the center of the planting spot as is practicable. 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. This method of preparing the planting hole will be, if requested, explained at the prework conference.
- 3-34.02 The planting hole for bare root stock shall be a minimum of ten (10) inches deep.
- 3-35 Tree Placement in Planting Hole - All seedlings, regardless of planting method, shall be suspended near the center of the planting hole with the roots in a near natural arrangement and to 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. The roots shall not be doubled up, twisted, tangled or bunched.
- 3-36 Moist mineral soil shall be filled in and firmly packed around roots. Soil packing shall be such that the seedling shall not pull loose by a firm tug on the main stem.
- 3-37 The planted seedling shall be left with the main stem and roots vertical and free to grow.
- 3-38 The stems and roots of planted seedlings shall not be damaged due to soil firming, seedling positioning or other planting activities.

### 3-40 General Specifications - Contractor

- 3-41 Workers, Supervision and Equipment - The Contractor shall provide all workers, adequate crew supervision and serviceable equipment to satisfactorily accomplish planting of the areas described on the Unit Description. Adequate crew supervision shall mean at least one qualified nonplanting foreperson per 10 person crew unless otherwise allowed by the Department representative. A qualified nonplanting foreperson shall mean one who has one season (at least three (3) months) of forest tree planting experience. Documentation of a nonplanting foreperson's experience shall be provided to the Department upon request. A nonplanting foreperson may also act as a contract representative, see Clause 2-28.
- 3-42 Auger planting of bareroot seedlings shall be accomplished with an auger bit which is a minimum of six (6) inches in diameter.
- 3-43 Container seedlings (plugs) may be planted with the appropriate size planting hoes (such as small versions of the Rindt, Region-Six, or snow shoe type) and augers.
- 3-44 Transportation of Planting Stock - The Contractor will be responsible for transportation of planting stock from the Department's Region office to the planting units unless other arrangements are detailed on the Unit Description or at the prework conference (Clause 2-71).

### 3-40 General Specifications - Contractor (continued)

- 3-45 Care of Planting Stock - From time of delivery to the Contractor, trees shall be kept free from damage at all times, including but not limited to drying, heating, smothering, freezing, drowning, or mechanical injury. Upon taking delivery of the seedlings the Contractor will promptly deliver them to a designated storage site at the planting unit or location approved by the Department representative where they will be stored until planting. The following specifications for seedling care during storage and handling shall be met.
- 3-45.01 Containers of trees shall be carefully handled at all times. No throwing, dropping, crushing, etc. will be permitted. A charge will result for damaged seedlings (See Clause 3-61).
  - 3-45.02 Containers of trees shall be shaded from the sun and shielded from drying winds at all times.
  - 3-45.03 Containers of trees shall be stored in a manner that will provide air circulation around each container; except when containers are stored in snow banks, snow shall be placed and maintained around each container.
  - 3-45.04 Trees will be distributed to the planters in such a manner that no more than one container of trees will be open at the assembly point at one time.
  - 3-45.05 Tree containers from which trees have been used or to which trees have been returned shall be immediately resealed with tape and/or staples. The Contractor shall supply tape and/or stapler and have them available on the work site at all times.
  - 3-45.06 Trees carried by planter shall be in a planting bag or tray and arranged for easy removal of one tree at a time.
  - 3-45.07 Trees shall be protected from desiccation at all times. At the Department's request tree roots shall be moistened with water and/or planting bags lined with damp packing material.
  - 3-45.08 At the planting spot, roots shall not be unnecessarily exposed to drying conditions. A tree shall not be removed from the planting bag or tray before a planting hole has been prepared.
  - 3-45.09 Trees shall be planted as received without further pruning or culling. If these operations appear necessary or if mold, dry roots, freezing, dying or evidence of other injury is observed, the condition shall be promptly reported to the Department representative.
  - 3-45.10 At the end of the work day, trees which have been distributed but not planted shall be returned to original containers for storage.
- 3-46 The Contractor shall be responsible for giving the Department one (1) full week advanced notice of the Contractor's intention of starting a unit; the Contractor then shall make all reasonable effort to begin work on said date. Less notice will not allow sufficient time for the Department to supply trees.

### 3-50 General Specifications - Department

- 3-51 A Department representative will acquaint the Contractor with each unit to be planted and will conduct periodic field inspections as detailed in Division IV - Compliance Inspection. Compliance inspection plot work may be done concurrently with planting work but will be completed no later than three (3) working days after work completion on the unit.

3-50 General Specifications - Department (continued)

- 3-52 The Department will mark access to the unit(s) within reasonable limits.
- 3-53 The Department will supply all planting stock. Under extreme conditions the Department's supply of planting stock may be temporarily interrupted causing a possible delay to the Contractor.

3-60 Other Specifications

- 3-61 Dropped, Wasted or Damaged Seedlings - The Department will charge and deduct from the Contractor's payment 25¢ per tree for those trees found dropped or otherwise wasted by the Contractor during the planting operation. The trees found in the inspection plots may be considered representative of the area. Dumping, discarding, mishandling or otherwise destroying seedlings shall be considered a willful violation of the contract and shall be subject to breach of contract provisions.
- 3-62 Substitution of Type of Planting Stock - The Department may have to substitute planting stock, if so, this shall constitute a modification of contract and adjustment of per acre or per thousand unit bid price will be made based on the age class of the planting stock involved as per the following schedule:

<u>Age Class as Per Bid Invitation</u>	<u>New Age Class</u>	<u>Percent Adjustment</u>
2-0 or 1-1	Plug-1 or 3-0	+5%
2-0 or 1-1	*Plug	-14%
2-0 or 1-1	2-1	+13%
*Plug	2-0 or 1-1	+16%
*Plug	Plug-1 or 3-0	+22%
*Plug	2-1	+31%
2-1	2-0 or 1-1	-12%
2-1	Plug-1 or 3-0	-7%
2-1	*Plug	-24%
Plug-1 or 3-0	2-0	-5%
Plug-1 or 3-0	2-1	+8%
Plug-1 or 3-0	*Plug	-18%

\*Containerized 2 through 4 cubic inches.

In the event that more than one age class of stock is involved for a planting unit, adjustment in unit bid price will be based on a proration of the acreage by the percentage of each age class of planting stock. In such cases, an adjusted unit bid price per acre will result for the entire unit.

## SECTION II, Division IV - Compliance Inspection

### 4-10 Inspection Plots

- 4-11 The Department will use inspection plots to determine the Contractor's seedling planting performance rating (Clause Section 4-40). Inspection plots for this purpose shall be circular and have a one-fiftieth (1/50) acre area. The seedling planting performance rating will be determined from a minimum sample of ten (10) plots, or two (2) plots for every five (5) acres of unit or subunit (Clause 2-45), whichever is more. The inspection plots will be well distributed over the compliance unit.

### 4-20 Inspection Plot Findings

- 4-21 Using criterion specified in the Unit Description and in the Technical Specifications - Seedling Planting (Clause Section 3-30) the Department representative will examine each inspection plot. The findings of the examination will be recorded as follows:
- 4-21.01 Plantable Spots - The number of plantable spots (Clause 4-32) available on the plot.
  - 4-21.02 Trees Planted - The total number of Contractor planted trees within the plot.
  - 4-21.03 Satisfactorily Planted - The total number of Contractor planted trees within the plot that meet all applicable specifications of the Unit Description, and Division III, Clause Section 3-30.

### 4-30 Technical Specifications - Planting Spots

- 4-31 Plantable Spot - A spot which will favor survival and growth of the species being planted and which has the potential of meeting all applicable specifications of both the Unit Description and the Technical Specifications - Seedling Planting (Clause Section 3-30).
- 4-32 Plantable Spots Per Inspection Plot - The number of plantable spots (Clause 4-31) per inspection plot shall be the maximum number which can be well distributed over the plot and which does not exceed a total number equal to one-fiftieth (1/50) of the number of seedlings required per acre after planting (Unit Description); see TABLE A.

4-30 Technical Specifications - Planting Spots (continued)

Seedlings Required Per Acre After Planting	TABLE A Maximum Planting Spots Allowed Per Inspection Plot	Approximate Spacing (feet)
100	2	20.9 X 20.9
150	3	17.0 X 17.0
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
600	12	8.5 X 8.5
650	13	8.2 X 8.2
700	14	7.9 X 7.9
750	15	7.6 X 7.6

4-40 Planting Performance Rating

4-41 Seedling planting shall be as per Technical Specifications - Seedling Planting (Clause Section 3-30) and the specifications of the Unit Description. The rating of seedling planting performance will be expressed as a percent and will be calculated as follows using the sum (or aggregate) of all inspection plots in a unit or subunit. The total of all recorded values for Satisfactorily Planted (Clause 4-21.03) divided by the total of all recorded values for Plantable Spots (Clause 4-21.01) times one hundred (100) equals the seedling planting performance rating percent.

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

### SECTION III

Unit Descriptions

Unit Maps

Vicinity Maps

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1228

Region: **South Puget Sound**

District: **Belfair**

Local: **Tahuya**

Unit Name: **BB West TS Unit 1, 2, 3, 4, 5**

Item Number: **1**

Unit Number: **1**

Trust: **01 - 75%**  
**03 - 25%**

Section **33**, Township **25N**, Range **01W**, W.M.

Section **17**, Township **24N**, Range **01W**, W.M.

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **302**

Planting Stock

Species: **DF WRC**

Contract

Period: **January 12 to March 13, 2009**

Type: **P+0 P+1**

Net

Minimum

Minimum

Acres: **76**

Seedling Distance: **8 Feet**

Crew Required: **7**

Boundaries: **See unit map on pages 22 & 23.**

Special Requirements: **Unit 1 evenly distribute 277 Doug fir and 25 western red cedar per acre. Roads have been abandoned into the unit. Units 2 through 5 evenly distribute 252 Doug fir and 50 western red cedar per acre. Unit 4 & 5 have pockets throughout that have 12 year old reprod. do not plant inside these pockets, the plan is to flag areas out before planting.**

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

Elevation: **450' - 850'**

Slope: **0 - 30%**

Aspect: **Unit 1 rolling, Unit 2, 3 NW  
Unit 4, 5 SW, S**

Snow Period: **January 1 - March 15**

Slash: **Medium**

Duff: **Shallow**

Vegetation: **Salal, evergreen huckleberry**

Soils: **Unit 1 rocky in places, 2 - 5 good**

Access: **Unit 1 – follow the Lake Tahuyeh Road to the intersection with NW Holly Road turn left and follow 0.1 miles to NW Coho Road follow 0.9 miles to Big Beef Road follow 0.4 miles turn right onto dirt road and follow 0.2 miles veer left to gate. Approximately 0.2 miles past gate is the unit. Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Aileen Nichols at 253.732.1822 for a key. Unit 2 – 5 go through the Green Mountain gate (GM-1) follow 0.7 miles to the GM-13 Road turn right into Unit 2, continue up road to rest of the units.**

Trees/Acre

To Plant: **302**

Spacing: **12' x 12'**

Total

Quantity: **22,952**

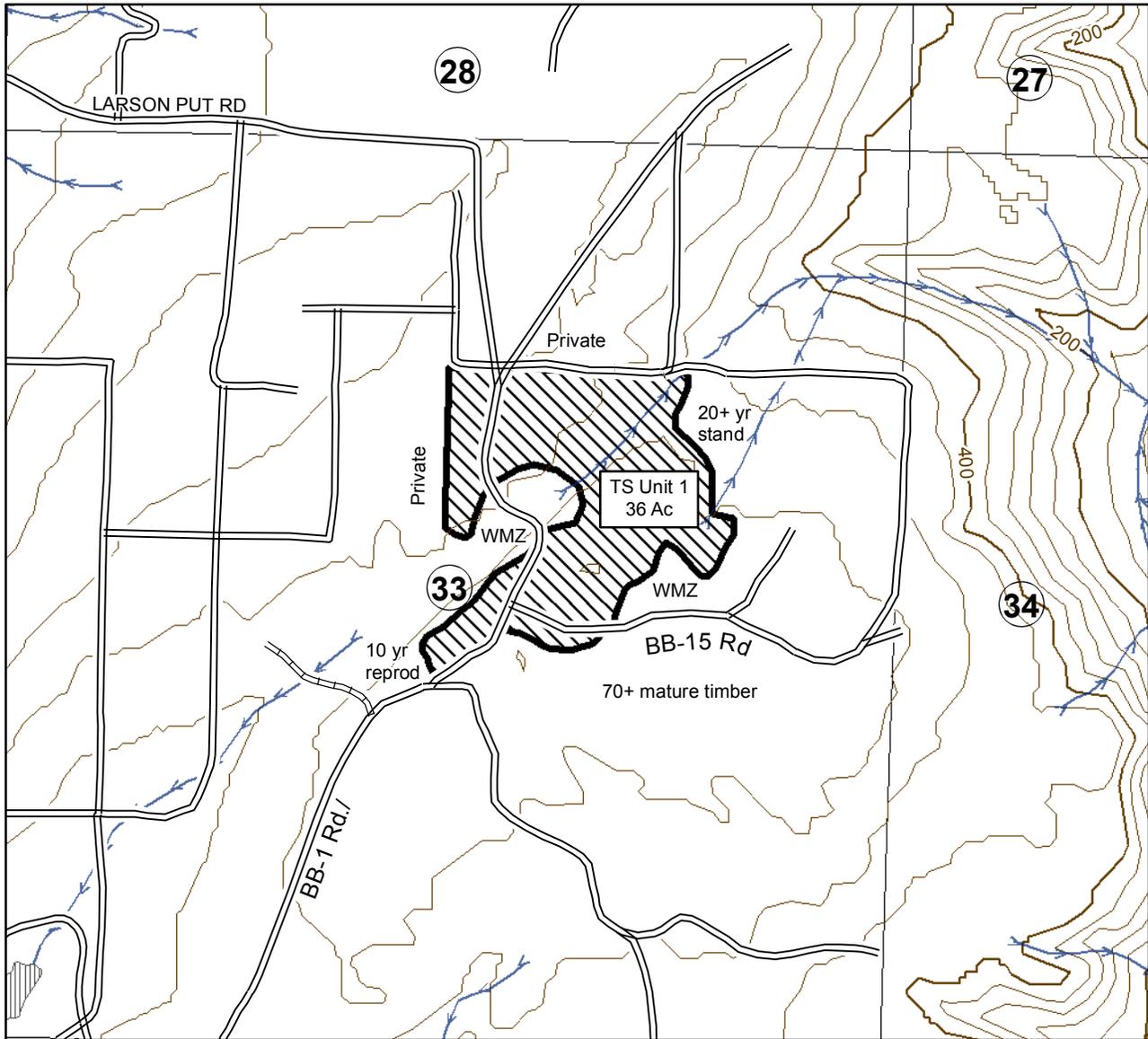
Additional Comments: **Tree trailer will be located at Belfair Work Center off Sandhill Road in Belfair. Unit 1 is through a residential area follow the speed limit. Windrows of heavy slash occur across portions of the units, plant right up to these areas.**

# Unit Map Invitation to Bid Number: 1228

## Tree Planting

Region: *South Puget Sound*      Unit: *Belfair*      Trust: *01*  
 County: *Kitsap*      Section: *33*      Township: *25 North* Range: *1 West*      W.M.  
 Unit Name: *BB West TS Unit 1*      Item Number: *1*      Unit Number: *1*

Approximate Scale 1" = 1000'



### Legend

- Treatment Area
- Streams
- All-weather roads
- Lakes and Ponds
- Non-driveable
- Wetlands
- Recreation Trail
- 40 ft. Contours
- Gates



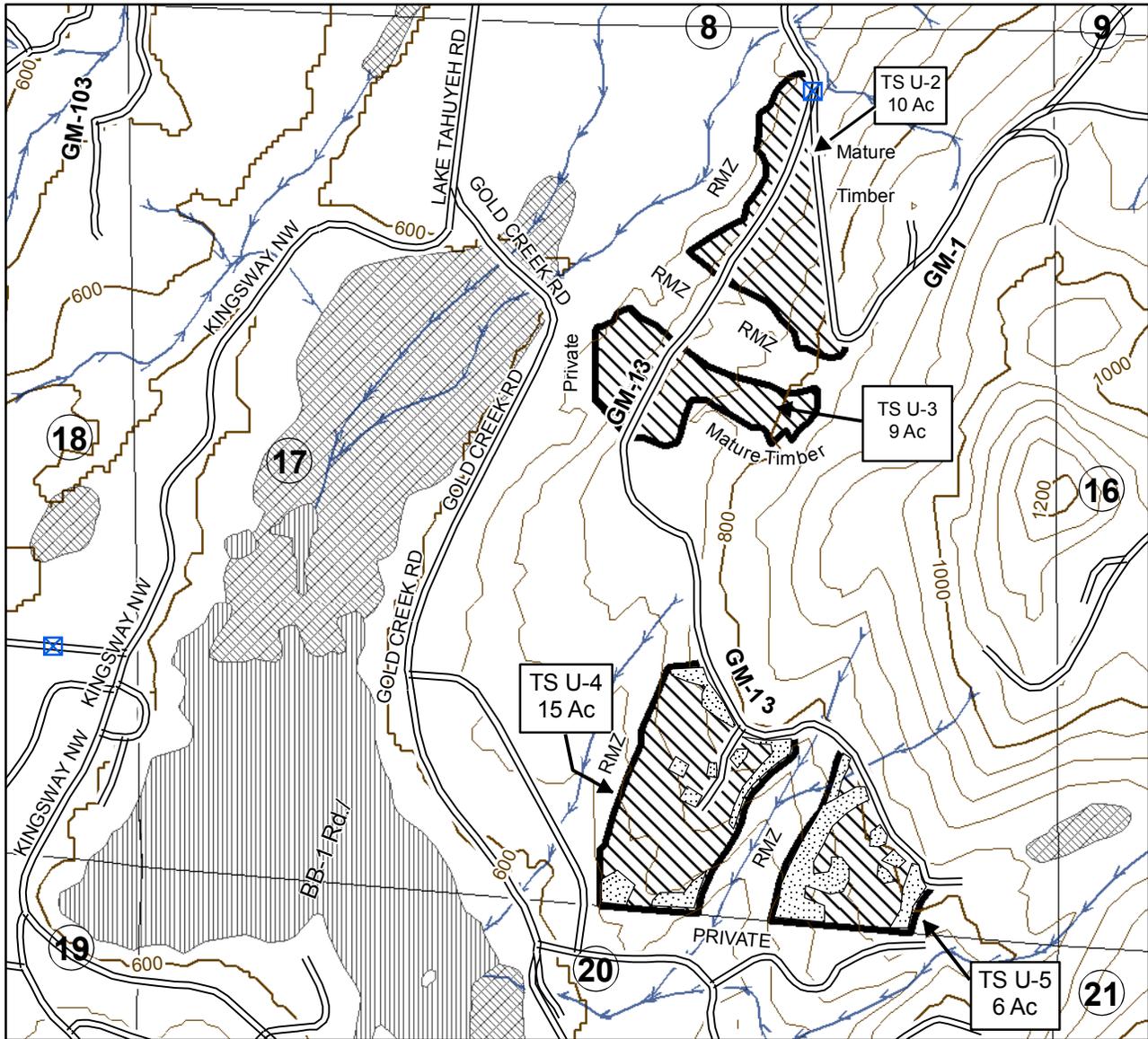
Vicinity Map, see page 24

# Unit Map Invitation to Bid Number: 1228

## Tree Planting

Region: *South Puget Sound*      Unit: *Belfair*      Trust: *01 & 03*  
 County: *Kitsap*      Section: *17*      Township: *24 North* Range: *1 West* W.M.  
 Unit Name: *BB West TS Unit 2,3,4 & 5* Item Number: *1*      Unit Number: *1*

Approximate Scale 1" = 1000'



### Legend

- |   |   |
|---|---|
|  Treatment Area     |  Streams                     |
|  All-weather roads  |  Lakes and Ponds             |
|  Non-driveable      |  Wetlands                    |
|  Recreation Trail   |  40 ft. Contours             |
|  Gates - Master 786 |  12 yr reprod - do not plant |

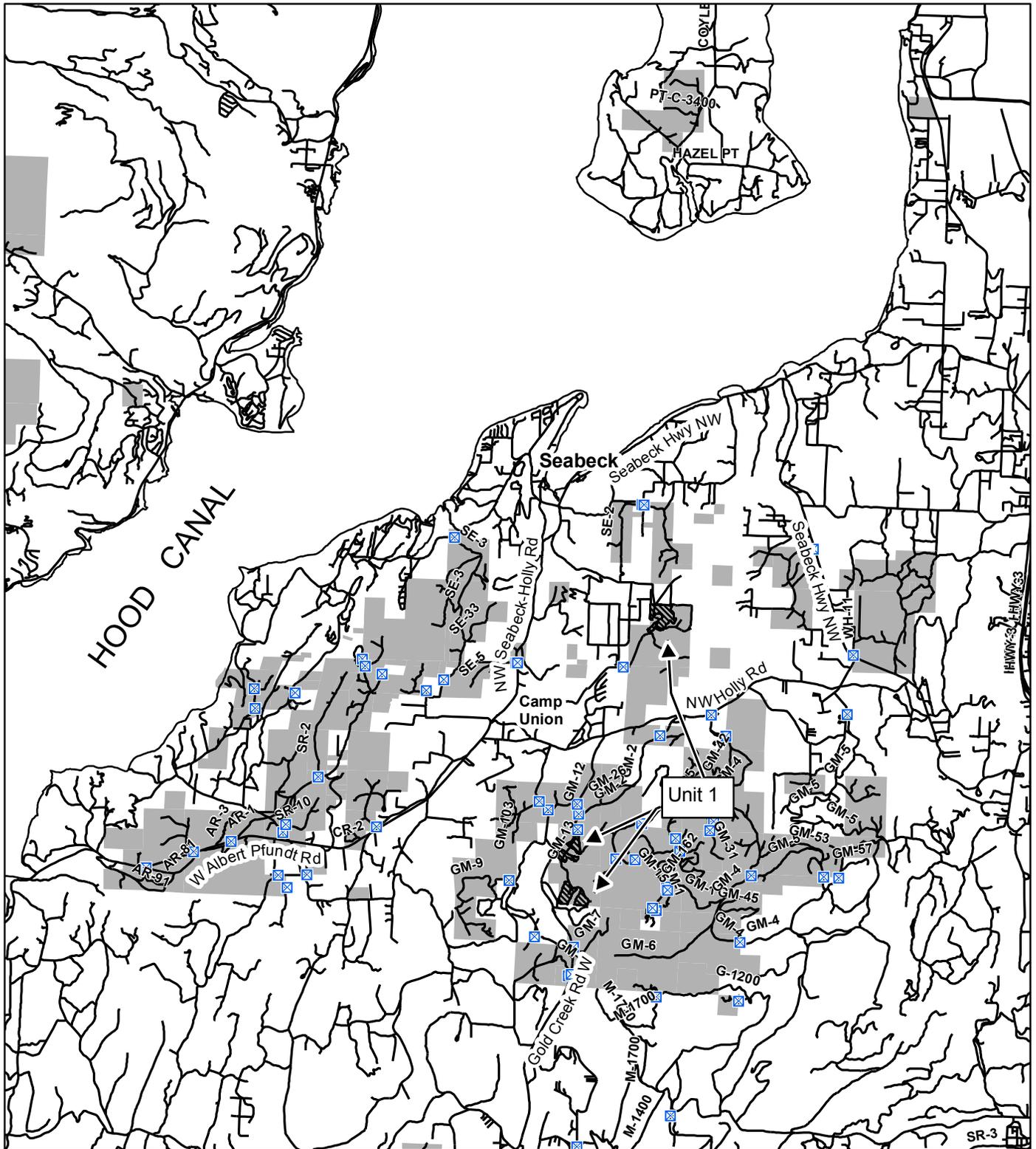


Vicinity Map, see page 24

# Vicinity Map

Tree Planting

Invitation to Bid Number: 1228



## Legend

- DNR Managed Lands
- Treatment Area
- All-weather roads
- Gates - Master 786



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1228**

Region: **South Puget Sound**

District: **Belfair**

Local: **Tahuya**

Unit Name: **Union City TS Unit 1, 2**

Item Number: **1**

Unit Number: **2** Trust: **01**

Section **21, 33** Township **22N**, Range **03W**, W.M.

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **302**

Planting Stock

Species: **DF WRC WWP**

Contract

Period: **January 12 to March 13, 2009**

Type: **TSU1 P+0 P+1**

**TSU2 P+0 P+1**

Net

Minimum

Minimum

Acres: **140**

Seedling Distance: **8 Feet**

Crew Required: **7**

Boundaries: **See unit maps on pages 26&27.**

Special Requirements: **Unit 1 requires western red cedar planted along the abandoned road in the Southwest corner of the unit. Start at edge of existing road and plant following abandoned road until it intersects with existing road again. This area does go outside sale boundary lines, see map. The rest of the unit will be planted with Doug fir.**

**Unit 2 evenly distribute 252 Doug fir and 50 western white pine per acre.**

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

Elevation: **300'-525'** Slope: **0 – 50%**

Aspect: **All**

Snow Period: **January 1-March 15**

Slash: **Medium**

Duff: **Light**

Vegetation: **Salal, evergreen huckleberry**

Soils: **Rocky**

Access: **From the intersection of Dewatto Bay Road and Belfair Tahuya Road;**

**Unit 1 continue following the Belfair Tahuya Road 2.5 miles to the Bald Point Road (P-2000) turn right, follow 2.8 miles to unit.**

**Unit 2 follow Dewatto Bay Road 2.3 miles to Hahobas Way turn left, follow 0.6 miles to unit on the right.**

**Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Aileen Nichols at 253.732.1822 for a key.**

Trees/Acre

To Plant: **302**

Spacing: **12' x 12'**

Total

Quantity: **42,280**

Additional Comments: **Tree trailer will be located at Belfair Work Center off Sandhill Road in Belfair.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 01

County: *Mason*

Section: 21

Township: 22 North

Range: 3 West

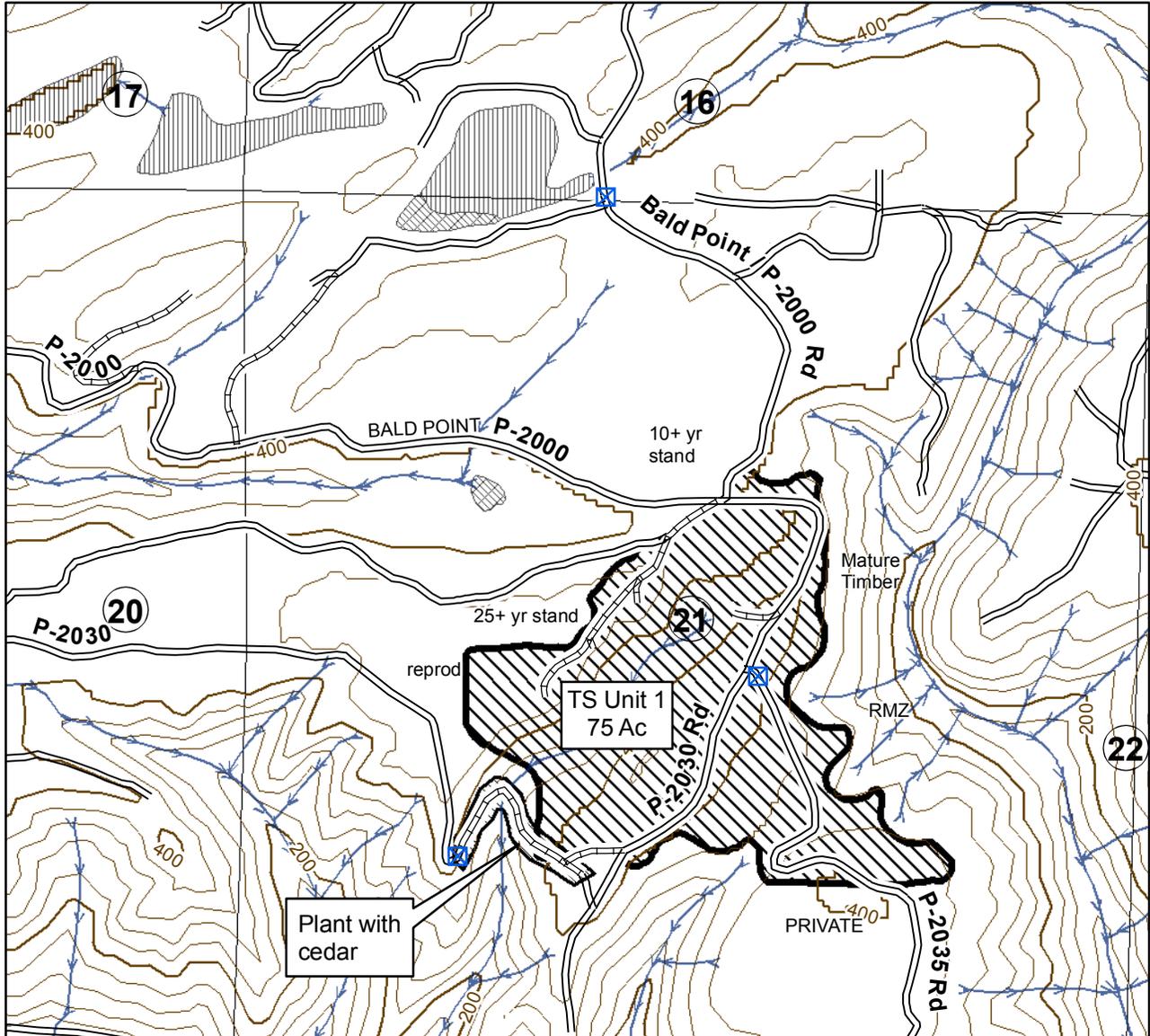
W.M.

Unit Name: *Union City TS Unit 1*

Item Number: 1

Unit Number: 2

Approximate Scale 1" = 1000'



### Legend

- |  |                    |   |                 |
|--|--------------------|---|-----------------|
|  | Treatment Area     |  | Streams         |
|  | All-weather roads  |  | Lakes and Ponds |
|  | Non-driveable      |  | Wetlands        |
|  | Recreation Trail   |  | 40 ft. Contours |
|  | Gates - Master 786 |   |                 |



Vicinity Map, see page 28

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 01

County: *Mason*

Section: 33  
4

Township: 23 North  
22 North

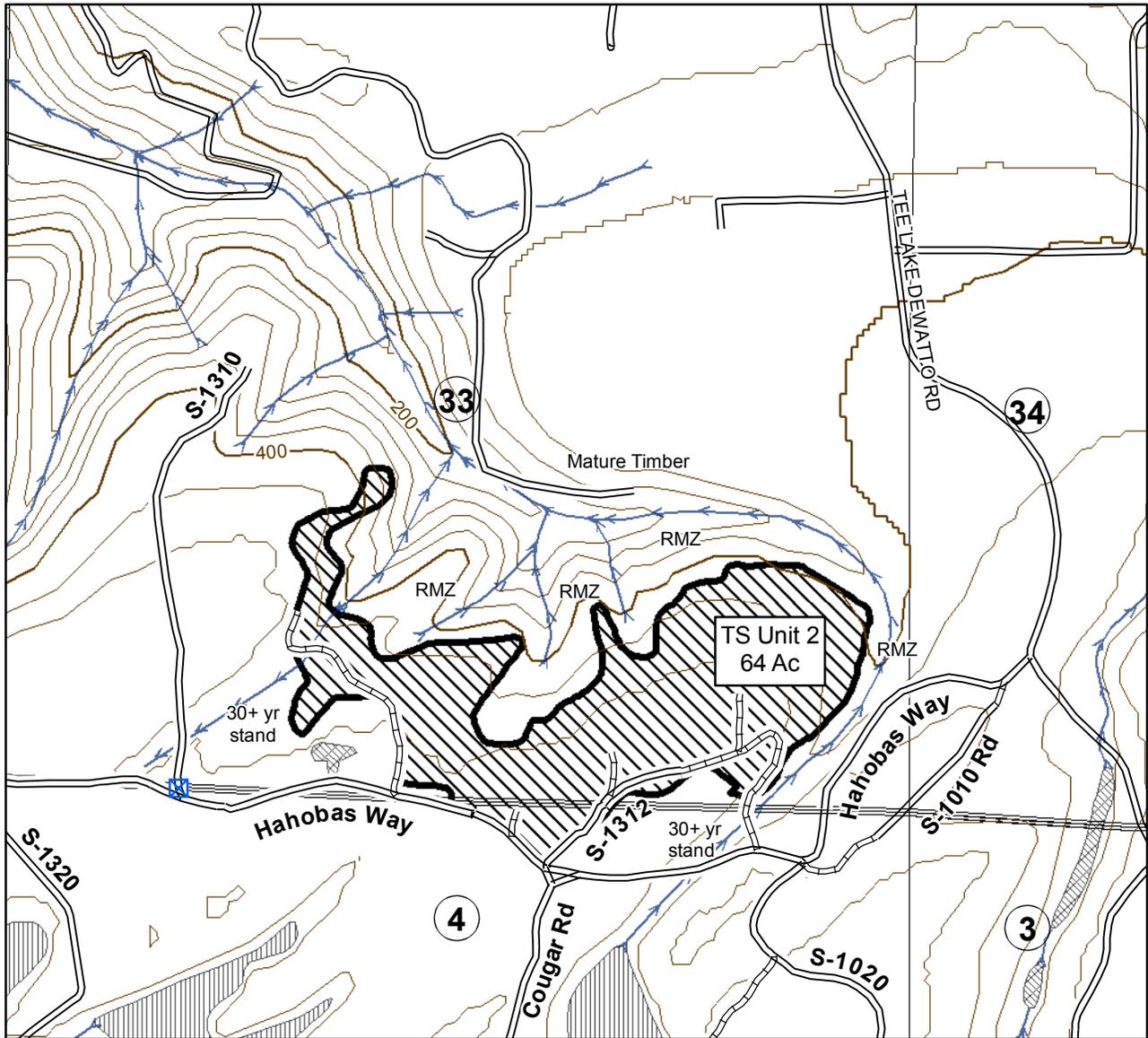
Range: 3 West W.M.

Unit Name: *Union City TS Unit 2*

Item Number: 1

Unit Number: 2

Approximate Scale 1" = 1000'



### Legend

-  Treatment Area
-  Streams
-  All-weather roads
-  Lakes and Ponds
-  Non-driveable
-  Wetlands
-  Recreation Trail
-  40 ft. Contours
-  Gates- Master 786

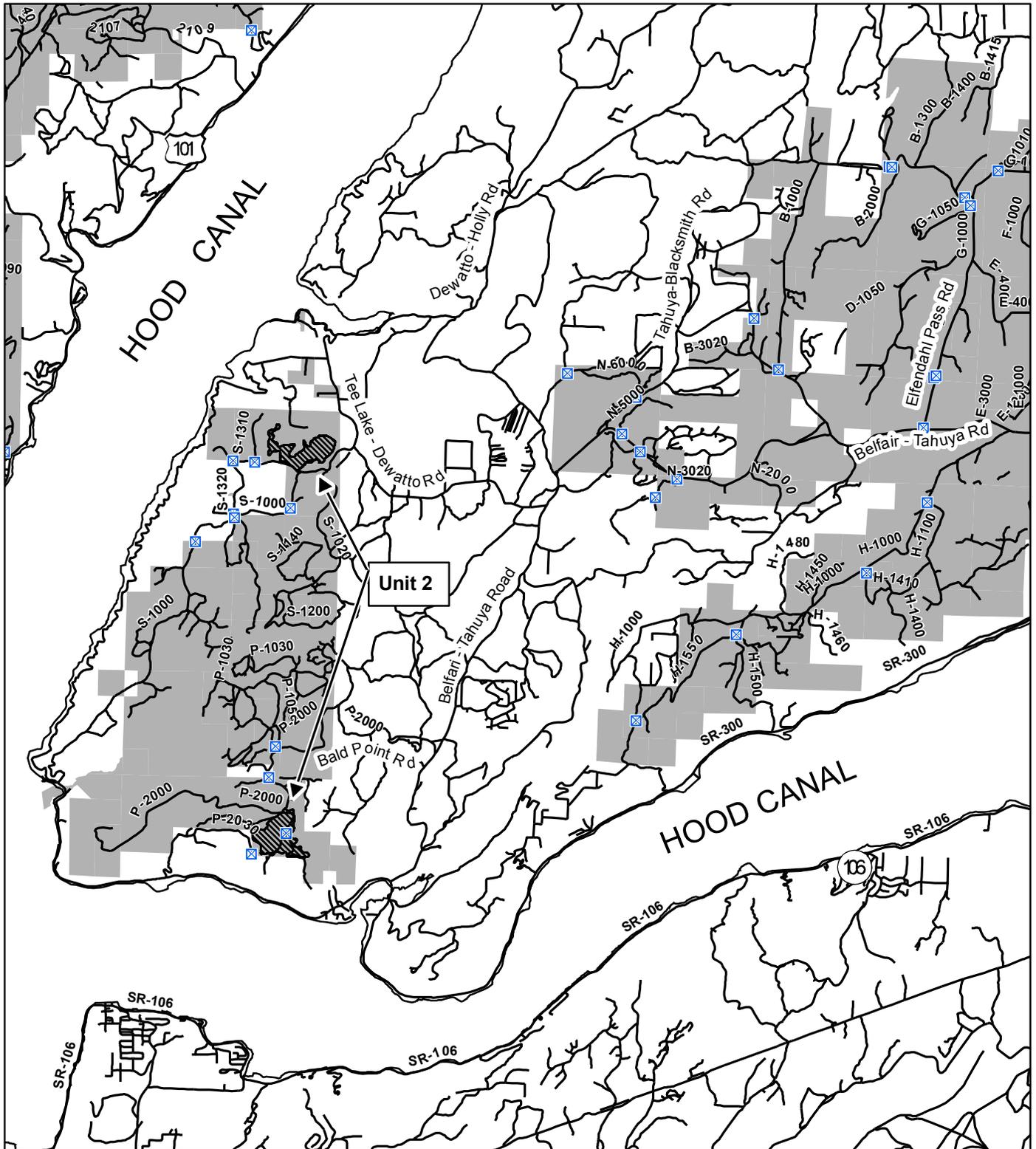


Vicinity Map, see page 28

# Vicinity Map

## Tree Planting

## Invitation to Bid Number: 1228



### Legend

-  Treatment Area
-  DNR Managed Lands
-  All-weather roads
-  Gates - Master 786



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1228**

Region: **South Puget Sound**

District: **Hoodsport**

Local: **Sherwood**

Unit Name: **Crossbow TS Unit 2**

Item Number: **1**

Unit Number: **3**

Trust: **03**

Section **31** Townships **22N**, Range **01W**, W.M.

Section **06** Townships **21N**, Range **01W**, W.M.

SPECIFICATIONS

Seedlings Required Per Acre after Planting: **300**

Planting Stock

Species: **WWP WRC**

Contract

Period: **January 12 to March 31, 2009**

Type: **P+1 P+1**

Net

Minimum

Minimum

Acres: **80**

Seedling Distance: **8 Feet**

Crew Required: **7**

Boundaries: **See unit map on page 30.**

Special Requirements: **There is natural Douglas fir regeneration throughout this unit. Because of disease in the Douglas fir we want to replace this species with white pine and cedar so this unit needs to be planted 12 x 12 as if the Doug fir is not there.**

**Mix and evenly distribute 150 western white pine and 150 western red cedar per acre throughout unit.**

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

Elevation: **125'-205'**

Slope: **Flat**

Aspect: **Flat**

Snow Period: **January 12 to March 15**

Slash: **Medium**

Duff: **Medium**

Vegetation: **Heavy salal**

Soils: **Good**

Access: **On Hwy. 3 and the Grapeview Loop Road (Allyn) follow Highway south for 2.4 miles to gate or on Hwy 3 and the Mason-Benson Road follow highway north 3.6 miles to gate. Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Aileen Nichols at 253.732.1822 for a key.**

Trees/Acre

To Plant: **300**

Spacing: **12' x 12'**

Total

Quantity: **24,000**

Additional Comments: **Tree trailer will be located at the Shelton Work Center in Shelton.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 03

County: *Mason*

Section: 31

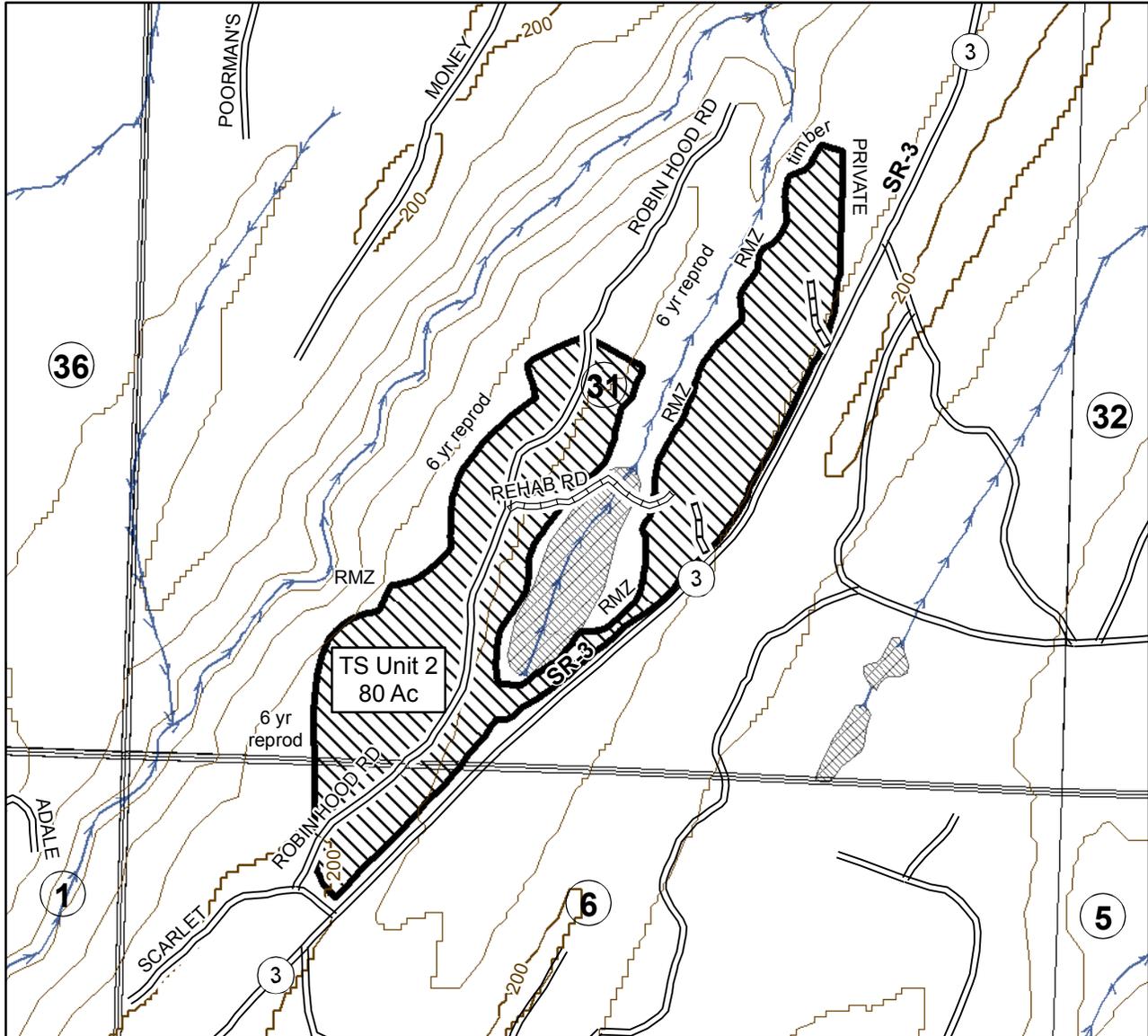
Township: 22 North Range: 1 West W.M.

Unit Name: *Crossbow TS Unit 2*

Item Number: 1

Unit Number: 3

Approximate Scale 1" = 1000'



### Legend

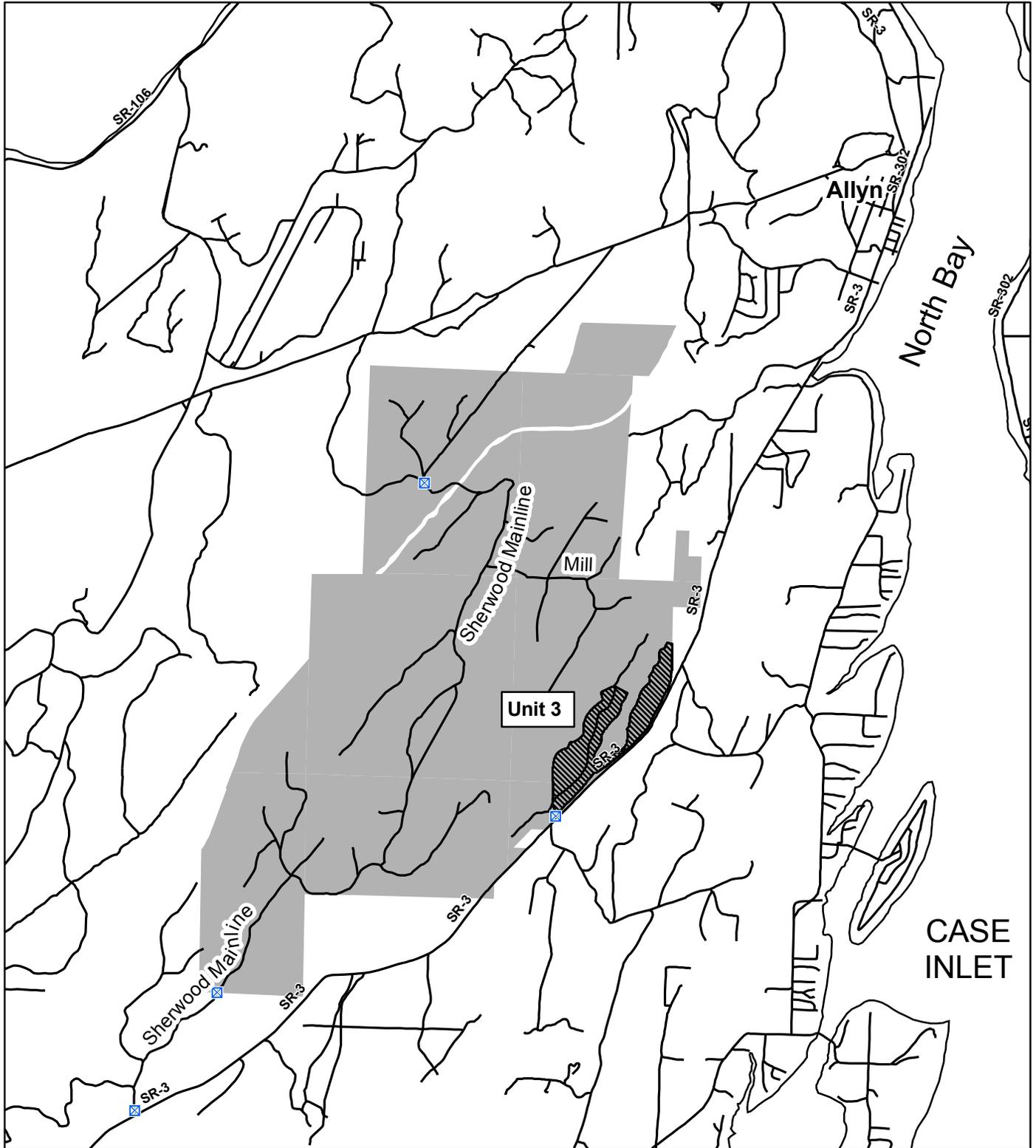
- |  |                    |   |                 |
|--|--------------------|---|-----------------|
|  | Treatment Area     |  | Streams         |
|  | All-weather roads  |  | Lakes and Ponds |
|  | Non-driveable      |  | Wetlands        |
|  | Recreation Trail   |  | 40 ft. Contours |
|  | Gates - Master 786 |   |                 |

Vicinity Map, see page 31

# Vicinity Map

Tree Planting

Invitation to Bid Number: 1228



## Legend

-  Treatment Area
-  DNR Managed Lands
-  All-weather roads
-  Gates - Master 786



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1228

Region: **South Puget Sound**

District: **Hoodsport**

Local: **Hood Canal**

Unit Name: **Nomad TS Unit 1, 2, 3**

Item Number: **1**

Unit Number: **4**

Trust: **03 – 73%**  
**06 – 27%**

Section **13, 23, 26**, Township **23N**, Range **04W**, W.M.

Section **18**, Township **23N**, Range **03W**, W.M.

SPECIFICATIONS

Seedlings Required Per Acre after Planting: **302**

Planting Stock

Species: **DF**

Contract

Period: **February 1 to April 15, 2009**

Type: **P+1/2**

Net

Minimum

Acres: **195**

Seedling Distance: **8 Feet**

Minimum

Crew Required: **7**

Boundaries: **See unit maps on pages 33 & 34.**

Special Requirements: none

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

Elevation: **600’-1650’**

Slope: **0 - 90%**

Aspect: **Unit 1 & 2 – North, West, East**  
**Unit 3 – Flat**

Snow Period: **February 1 to April 15**

Slash: **Medium**

Duff: **Light**

Vegetation: **Salal, rhododendron, evergreen huckleberry, swordfern**

Soils: **Unit 1 & 2 - Good**

**Unit 3 – Rocky in places**

Access: **Highway 101 to Hoodsport;**

**Unit 1** turn onto State Route 119, follow 7.3 miles to the 1000 Road. Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Aileen Nichols at 253.732.1822 for a key. Follow the 1000 Road 2.9 miles to the 1700 Road, follow 1 mile to unit. **Unit 2** continues past the 1700 Road 1 mile to unit.

**Unit 3;** from Hoodsport follow Highway 101 10 miles to Jorsted Creek Road turn left follow 2.1 miles and turn left onto the 24 Road follow 3.4 miles and turn left onto the 2000 Road follow 1.7 miles to the 2100 Road follow 0.4 miles to unit.

Trees/Acre

To Plant: **302**

Spacing: **12’ x 12’**

Total

Quantity: **58,890**

Additional Comments: **Tree trailer will be located at the Shelton Work Center in Shelton.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 03

County: *Mason*

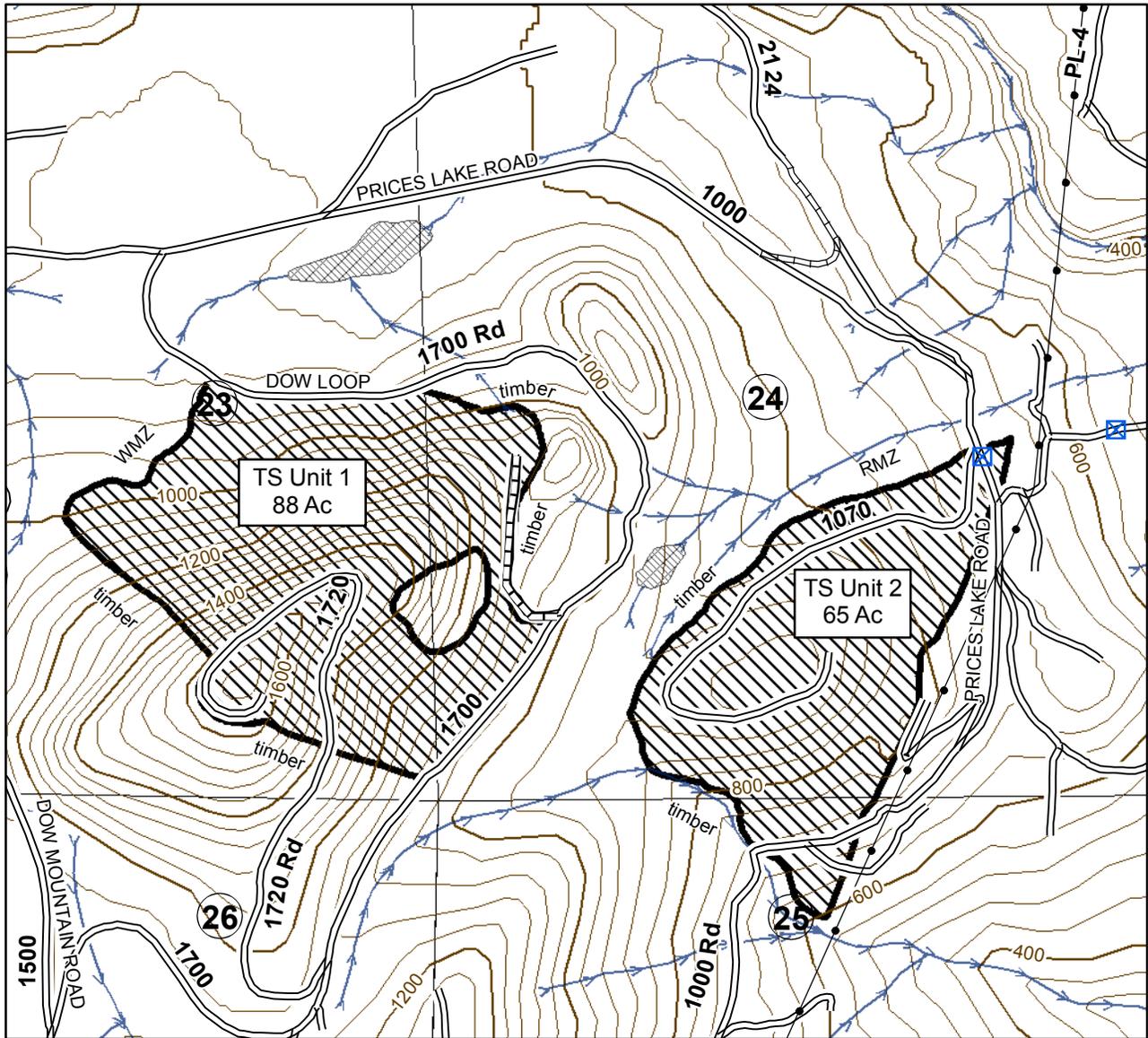
Section: 23, 24 & 26 Township: 23 North Range: 3 West W.M.

Unit Name: *Nomad TS Unit 1 & 2*

Item Number: 1

Unit Number: 4

Approximate Scale 1" = 1000'



### Legend

-  Treatment Area
-  All-weather roads
-  Non-driveable
-  Recreation Trail
-  Gates - Master 786
-  Streams
-  Lakes and Ponds
-  Wetlands
-  40 ft. Contours



Vicinity Map, see page 35

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 06

County: *Mason*

Section: 13

Township: 23 North

Range: 4 West

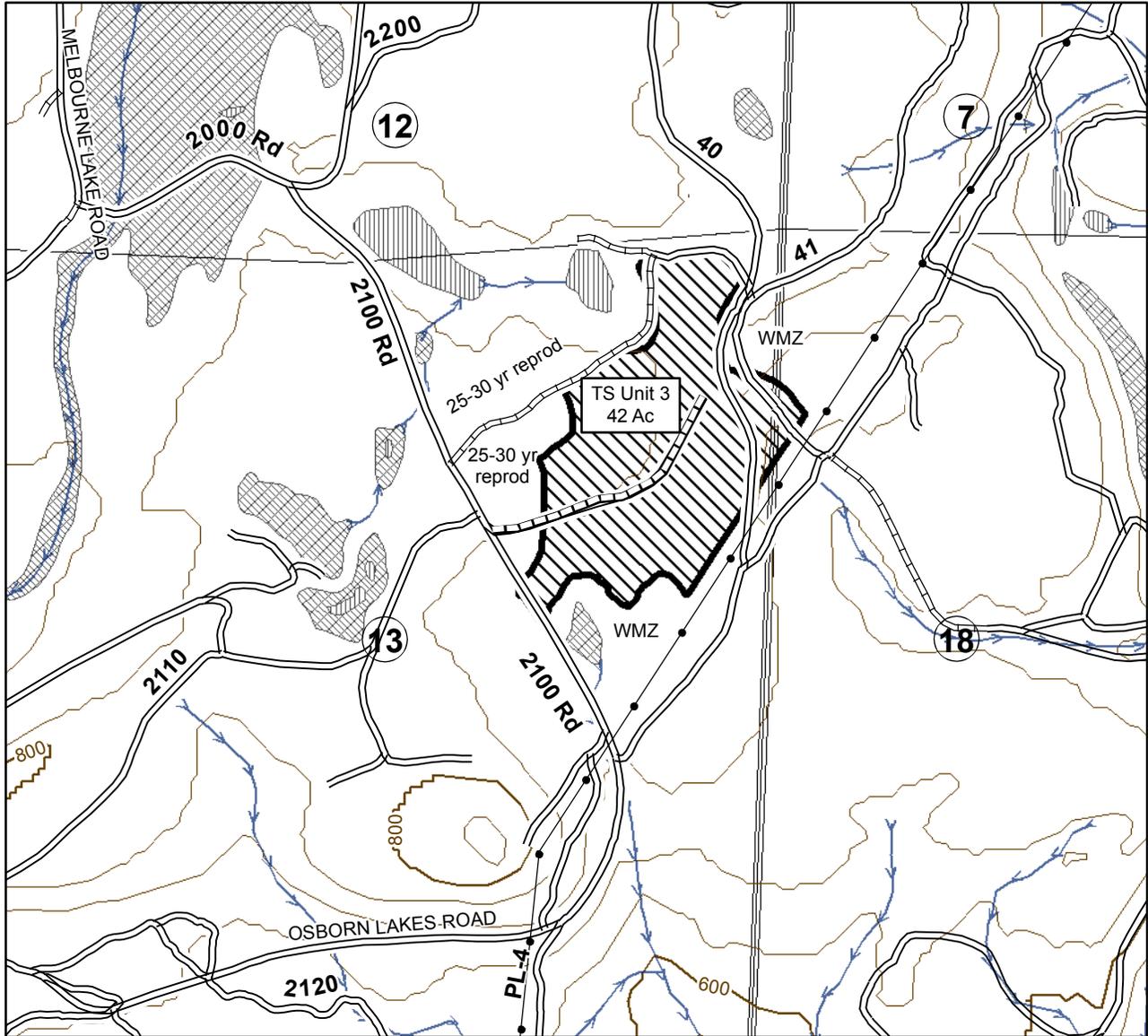
W.M.

Unit Name: *Nomad TS Unit 3*

Item Number: 1

Unit Number: 4

Approximate Scale 1" = 1000'



### Legend

- |  |                   |  |                 |
|--|-------------------|--|-----------------|
|  | Treatment Area    |  | Streams         |
|  | All-weather roads |  | Lakes and Ponds |
|  | Non-driveable     |  | Wetlands        |
|  | Recreation Trail  |  | 40 ft. Contours |
|  | Gates             |  | Powerlines      |

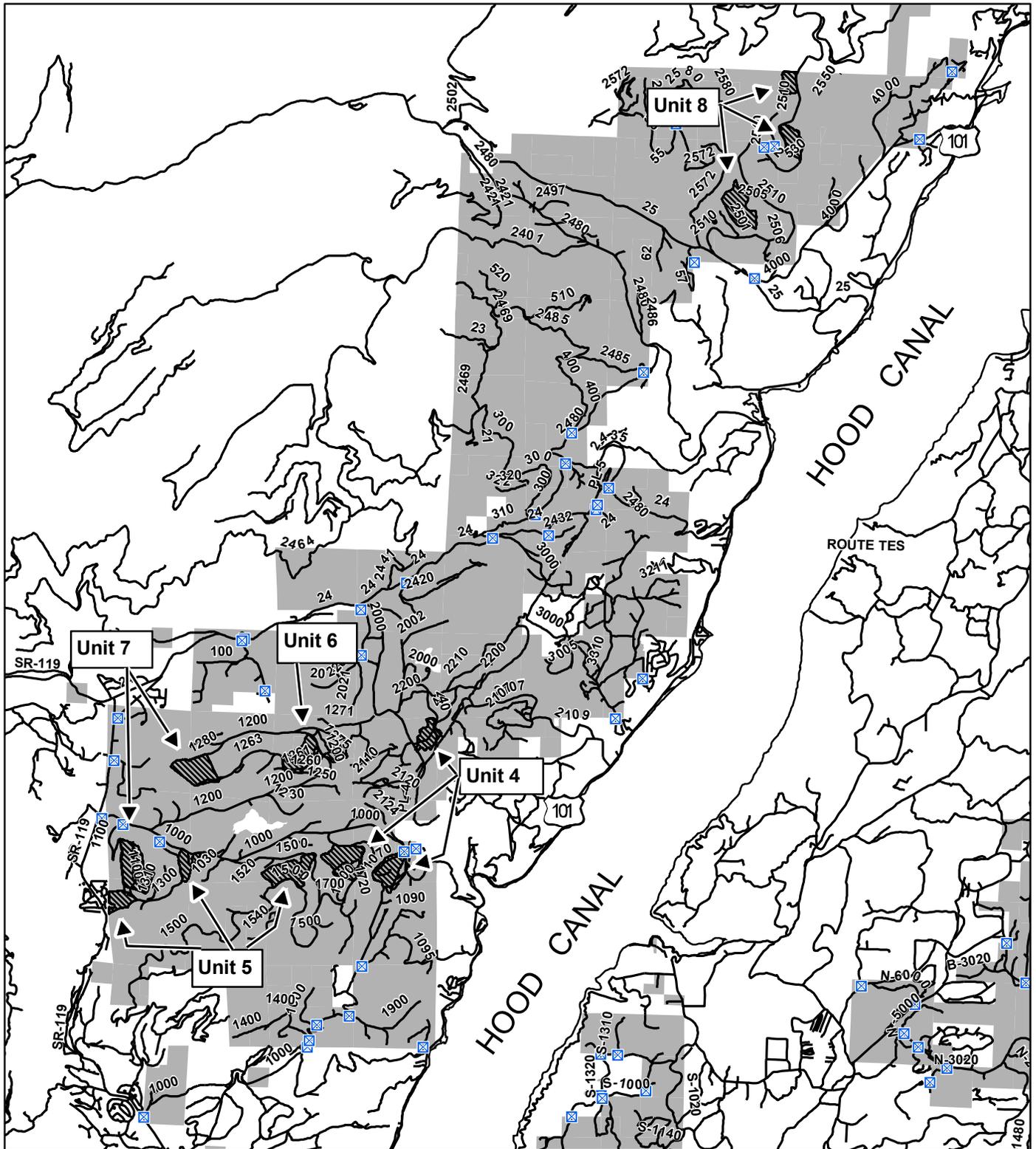


Vicinity Map, see page 35

# Vicinity Map

Tree Planting

Invitation to Bid Number: 1228



## Legend

-  Treatment Area
-  DNR Managed Lands
-  All-weather roads
-  Gates



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1228**

Region: **South Puget Sound**

District: **Hoodspport**

Local: **Hood Canal**

Unit Name: **Revive TS Unit 1, 2, 3**

Item Number: **1**

Unit Number: **5**

Trust: **03**

Section **21, 23, 28**, Townships **23N**, Range **04W**, W.M

SPECIFICATIONS

Seedlings Required Per Acre after Planting: **302**

Planting Stock

Species: **DF WRC WWP**

Contract

Period: **February 1 to April 15, 2009**

Type: **TSU1 P+1/2 P+1**

**TSU2 1+1 P+1 P+1**

**TSU3 P+0 P+1**

Net

Minimum

Minimum

Acres: **142**

Seedling Distance: **8 Feet**

Crew Required: **7**

Boundaries: **See unit maps on pages 37, 38, & 39.**

Special Requirements: **Unit 1 evenly distribute 266 Doug fir and 36 western red cedar per acre.**

**Unit 2 evenly distribute 202 Doug fir, 50 western white pine and 50 western red cedar per acre.**

**Unit 3 evenly distribute 252 Doug fir and 50 western red cedar per acre.**

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

Elevation: **750'-1280'** Slope: **Unit 1 15 - 60% Unit 2 0 - 30% Unit 3 0 - 45%** Aspect: **Unit 1 North Unit 2 Flat, Unit 3 West**

Snow Period: **January 1-March 15**

Slash: **Medium**

Duff: **Unit 1 & 2 Medium, Unit 2 Light to Medium**

Vegetation: **Unit 1 swordfern**

Soils: **Unit 1 & 2 good, Unit 3 rocky**

**Unit 2 salal, vine maple, Unit 3 evergreen huckleberry, salal**

Access: **Highway 101 to Hoodspport turn onto State Route 119 follow 7.3 miles to the 1000 Road. Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Aileen Nichols at 253.732.1822 for a key. Unit 3 follow the 1000 Road 0.8 miles to the 1300 Road follow 1.3 miles to unit. Unit 2 is on the 1000 Road just past the 1300 Road after a small patch of 14 year old reprod. access also up the 1300 Road after the same patch of reprod. Unit 1 from the 1000 Road gate follow 1.7 miles to the 1500 Road follow .8 miles to unit.**

Trees/Acre

To Plant: **302**

Spacing: **12' x 12'**

Total

Quantity: **42,884**

Additional Comments: **Tree trailer will be located at the Shelton Work Center in Shelton.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 03

County: *Mason*

Section: 22,23,26

Township: 23 North

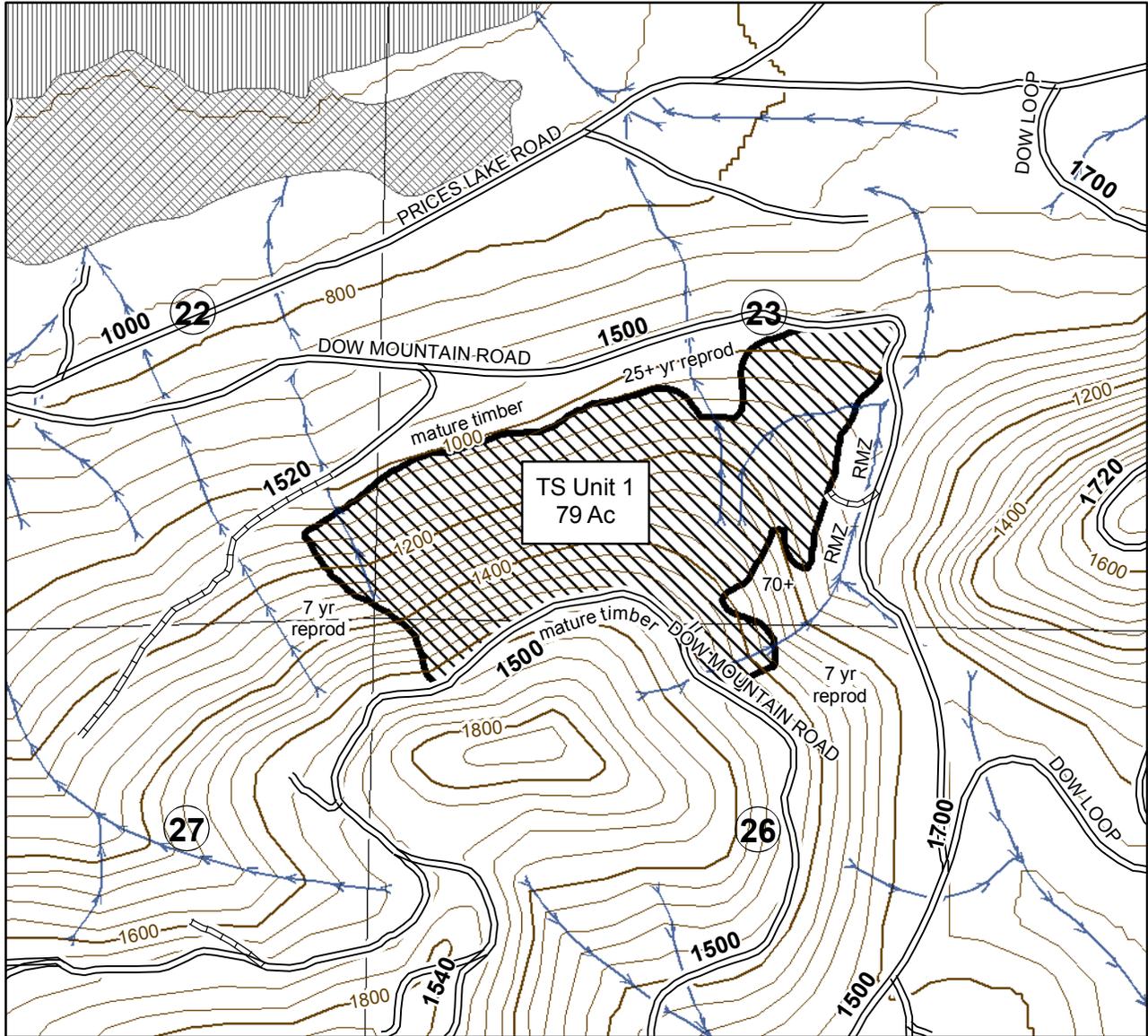
Range: 4 West W.M.

Unit Name: *Revive TS Unit 1*

Item Number: 1

Unit Number: 5

Approximate Scale 1" = 1000'



### Legend

- |  |   |
|--|---|
|  Treatment Area    |  Streams         |
|  All-weather roads |  Lakes and Ponds |
|  Non-driveable     |  Wetlands        |
|  Recreation Trail  |  40 ft. Contours |
|  Gates             |  Powerlines      |



Vicinity Map, see page 35

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 03

County: *Mason*

Section: 21,22

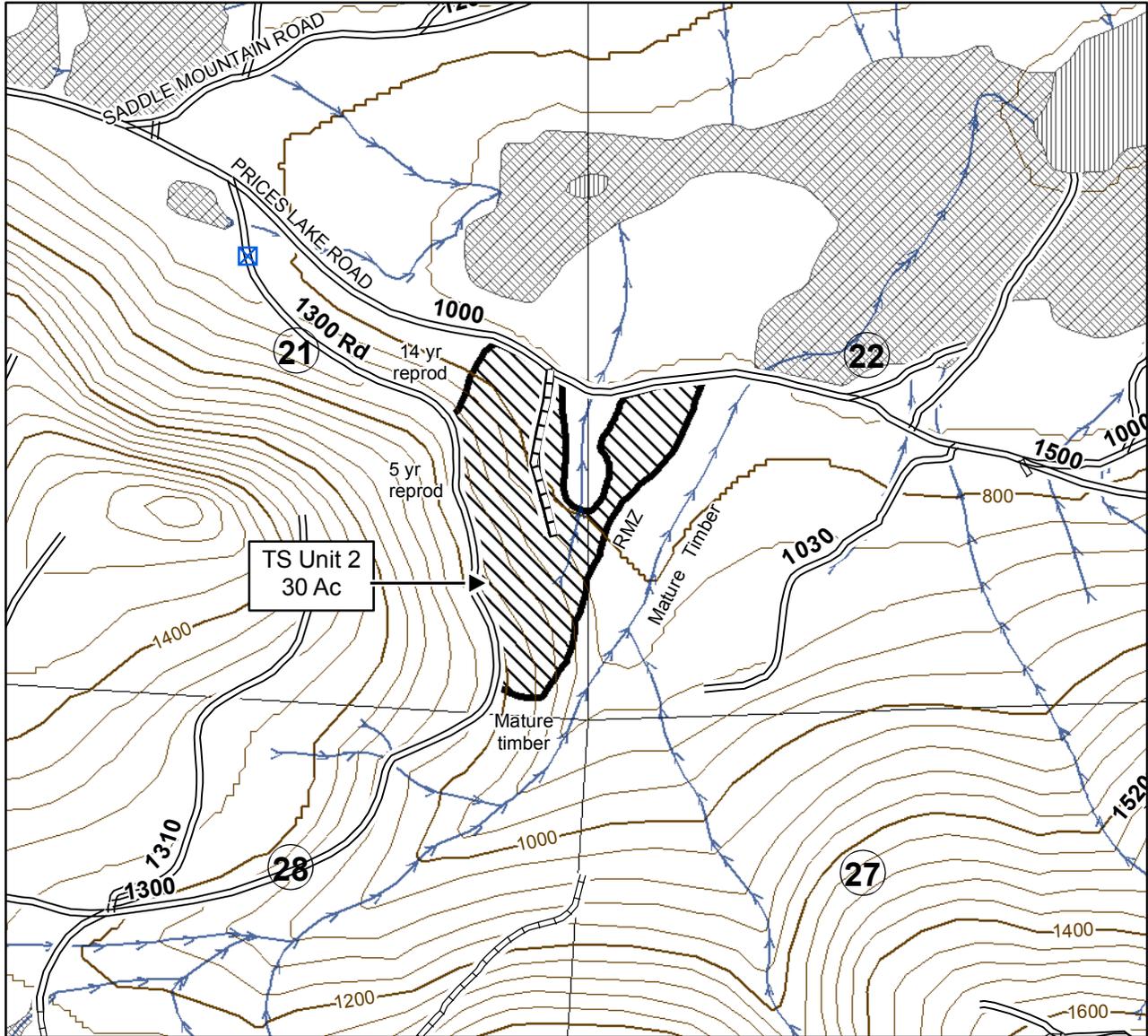
Township: 23 North Range: 4 West W.M.

Unit Name: *Revive TS Unit 2*

Item Number: 1

Unit Number: 5

Approximate Scale 1" = 1000'



### Legend

- |  |                    |   |                 |
|--|--------------------|---|-----------------|
|  | Treatment Area     |  | Streams         |
|  | All-weather roads  |  | Lakes and Ponds |
|  | Non-driveable      |  | Wetlands        |
|  | Recreation Trail   |  | 40 ft. Contours |
|  | Gates - Master 786 |  | Powerlines      |



Vicinity Map, see page 35

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 03

County: *Mason*

Section: 28

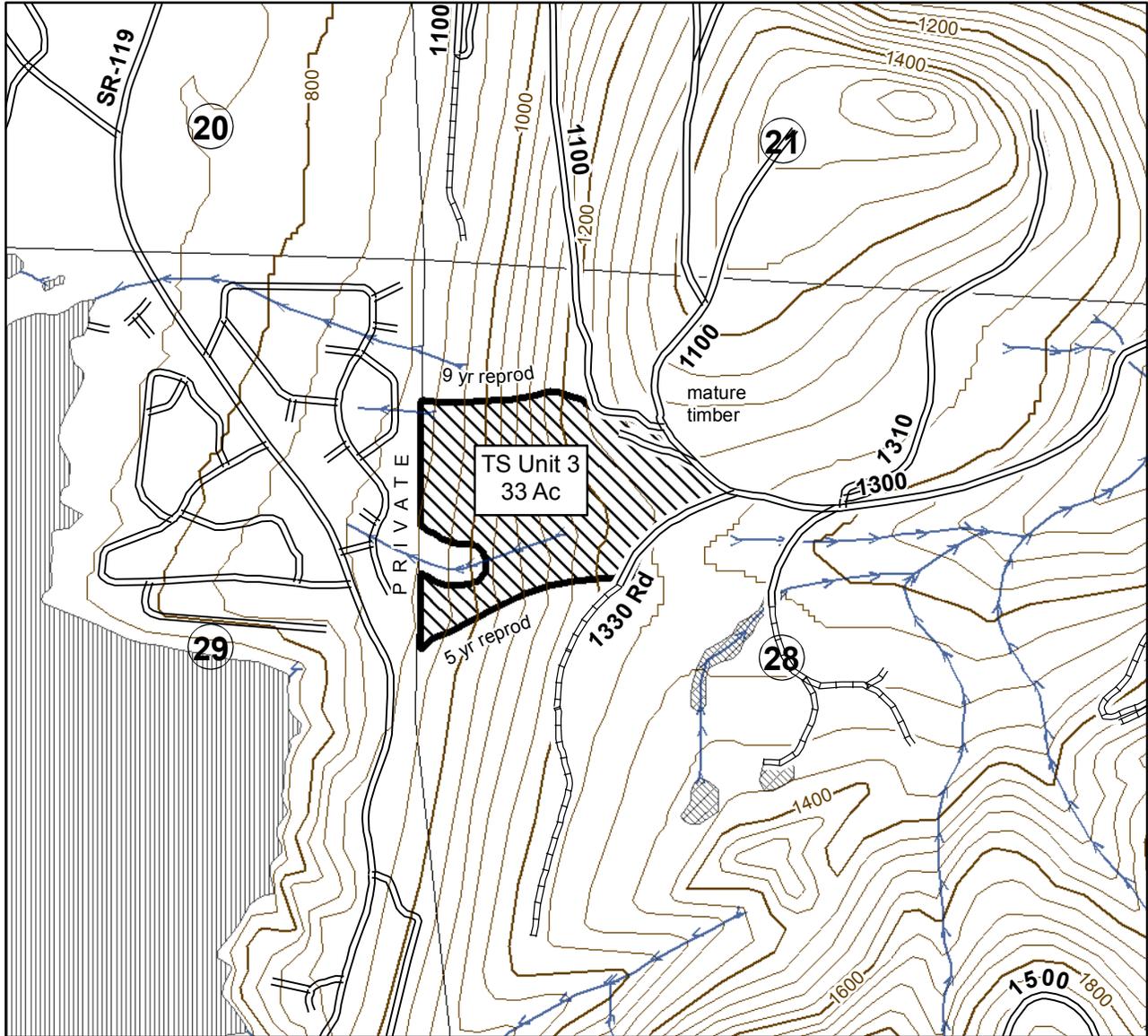
Township: 23 North Range: 4 West W.M.

Unit Name: *Revive TS Unit 3*

Item Number: 1

Unit Number: 5

Approximate Scale 1" = 1000'



### Legend

- |  |   |
|--|---|
|  Treatment Area    |  Streams         |
|  All-weather roads |  Lakes and Ponds |
|  Non-driveable     |  Wetlands        |
|  Recreation Trail  |  40 ft. Contours |
|  Gates             |  Powerlines      |



Vicinity Map, see page 35

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1228**

Region: **South Puget Sound**

District: **Hoodsport**

Local: **Hood Canal**

Unit Name: **Saddle Snout TS Unit 4, 5**

Item Number: **1**

Unit Number: **6**

Trust: **03 – 78%**  
**06 – 22%**

Section **14**, Townships **23N**, Range **04W**, W.M

SPECIFICATIONS

Seedlings Required Per Acre after Planting: **302**

Planting Stock:

Species: **DF WWP**

Contract

Period: **February 1 to April 15, 2009**

Type: **P+0 P+1**

Net

Acres: **99**

Minimum

Seedling Distance: **8 Feet**

Minimum

Crew Required: **7**

Boundaries: **See unit map on page 41.**

Special Requirements: **Evenly distribute 252 Doug fir and 50 western white pine per acre.**

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

Elevation: **745'-1010'**

Slope: **Unit 4 – 20-60%**  
**Unit 5 – Flat**

Aspect: **Unit 4 - All**  
**Unit 5 – Flat, East**

Snow Period: **January 1-March 15**

Slash: **Light**

Duff: **Moderate**

Vegetation: **Salal**

Soils: **Good**

Access: **Highway 101 to Hoodsport; turn onto State Route 119 and follow 7.3 miles to the 1000 Road. Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Aileen Nichols at 253.732.1822 for a key. Follow the 1000 Road 0.8 miles to the 1200 Road follow 2.3 miles to rock pit. At pit can turn onto the 1260 Road to access the 1261 and 1267 Roads in Unit 4 or continue on the 1200 Road past the rock pit to also access Unit 4. Unit 5, at rock pit continue up the 1200 Road to the 1270 Road to the 1275 Road.**

Trees/Acre

To Plant: **302**

Spacing: **12' x 12'**

Total

Quantity: **29,898**

Additional Comments: **Tree trailer will be located at the Shelton Work Center in Shelton.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: *03,06,07*

County: *Mason*

Section: *14*

Township: *23 North*

Range: *4 West*

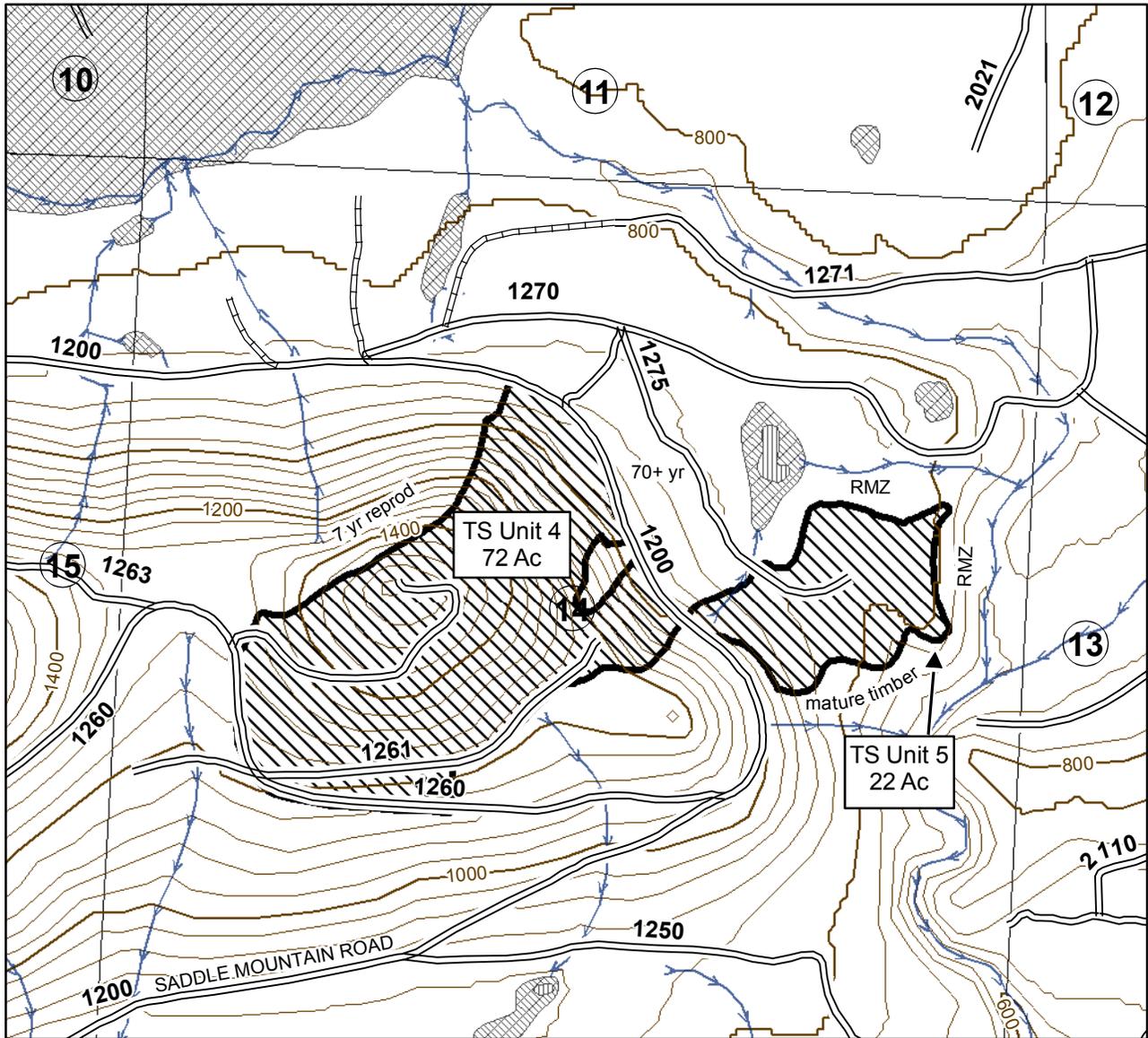
W.M.

Unit Name: *Saddle Snout TS Units 4 & 5*

Item Number: *1*

Unit Number: *6*

Approximate Scale 1" = 1000'



### Legend

- |  |                   |   |                 |
|--|-------------------|---|-----------------|
|  | Treatment Area    |  | Streams         |
|  | All-weather roads |  | Lakes and Ponds |
|  | Non-driveable     |  | Wetlands        |
|  | Recreation Trail  |  | 40 ft. Contours |
|  | Gates             |  | Powerlines      |



Vicinity Map, see page 35

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1228

Region: **South Puget Sound**

District: **Hoodsport**

Local: **Hood Canal**

Unit Name: **Split Saddle TS Unit 1, 2**

Item Number: **1**

Unit Number: **7**

Trust **03 69%**  
**07 31%**

Section: **15, 16, 21, 28** Townships **23N**, Range **04W**, W.M

SPECIFICATIONS

Seedlings Required Per Acre after Planting: **302**

Planting Stock:

Species: **DF WRC WWP**

Contract

Period: **February 1 to April 15, 2009**

Type: **TSU1 P+1/2 P+1 P+1**

**TSU2 P+1/2**

Net

Minimum

Minimum

Acres: **176**

Seedling Distance: **8 Feet**

Crew: **7**

Boundaries: **See unit maps on pages 43 & 44.**

Special Requirements: **Unit 1 evenly distribute 214 Doug fir, 38 western white pine and 50 western red cedar per acre.**

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

Elevation: **890'-1510'**

Slope: **Unit 1, 10 - 45%**  
**Unit 2, 10 - 80%**

Aspect: **Unit 1 East, West**  
**Unit 2 North**

Snow Period: **January 1-March 15**

Slash: **Medium**

Duff: **Medium**

Vegetation: **Unit 1 - vine maple and salal**  
**Unit 2 - swordfern and salal**

Soils: **Unit 1 medium**  
**Unit 2 good**

Access: **Highway 101 to Hoodsport; turn onto State Route 119 and follow 7.3 miles to the 1000 Road. Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Aileen Nichols at 253.732.1822 for a key. Unit 1 follow the 1000 Road 0.8 miles to the 1300 Road, follow 1.5 miles to unit. Unit 2 from gate follow 1000 Road veer left onto the 1200 Road 2.3 miles to intersection with 1260 Road (at rock pit). You can continue up the 1200 Road 1.3 miles to unit or follow the 1260 Road 0.5 miles to the 1263 Road follow 1.1 miles to unit.**

Trees/Acre

To Plant: **302**

Spacing: **12' x 12'**

Total

Quantity: **53,152**

Additional Comments: **Tree trailer will be located at the Shelton Work Center in Shelton.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 03

County: *Mason*

Section: 21,28

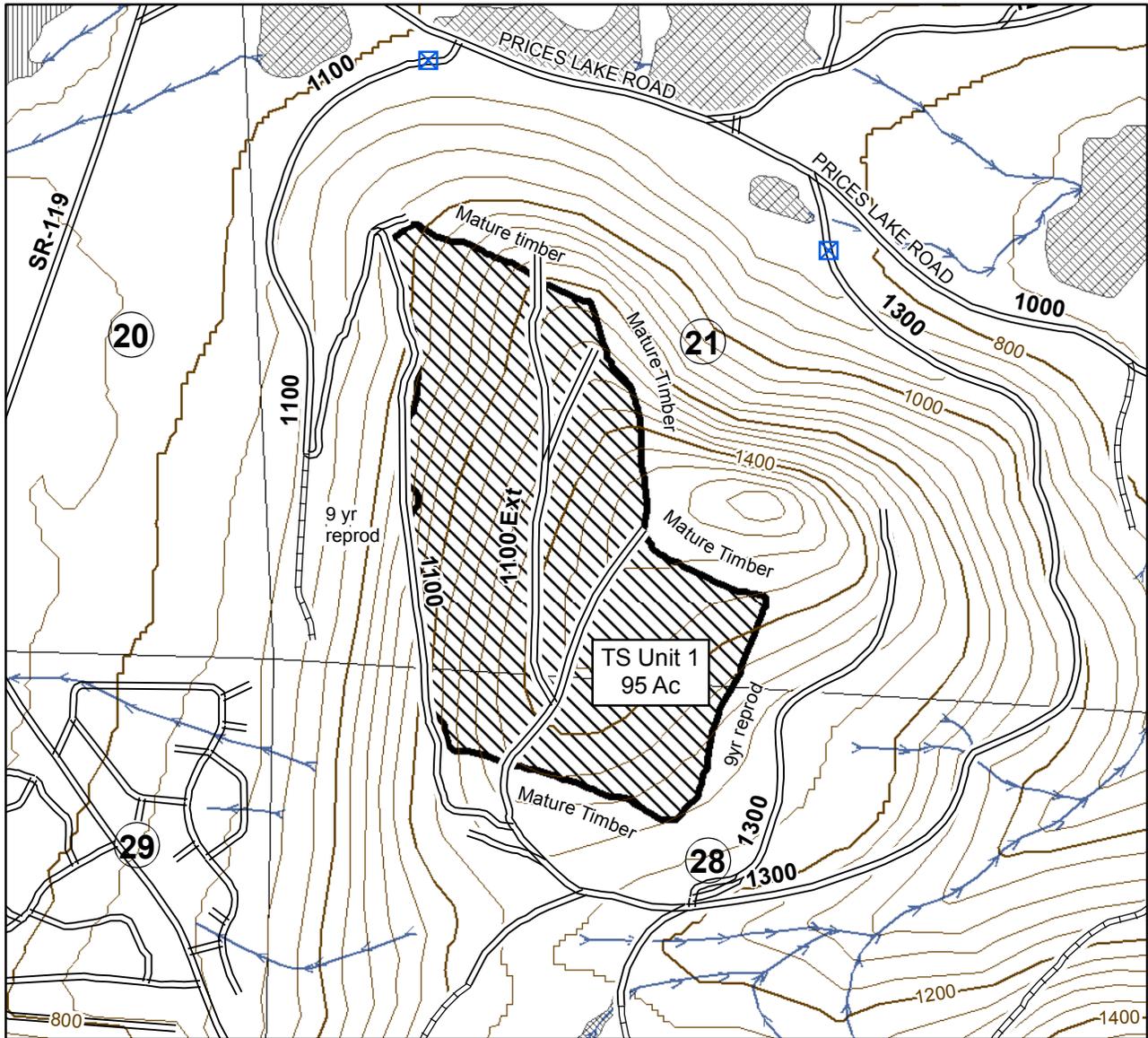
Township: 23 North Range: 4 West W.M.

Unit Name: *Split Saddle TS Unit 1*

Item Number: 1

Unit Number: 7

Approximate Scale 1" = 1000'



### Legend

- |  |                    |  |                 |
|--|--------------------|--|-----------------|
|  | Treatment Area     |  | Streams         |
|  | All-weather roads  |  | Lakes and Ponds |
|  | Non-driveable      |  | Wetlands        |
|  | Recreation Trail   |  | 40 ft. Contours |
|  | Gates - Master 786 |  | Powerlines      |



Vicinity Map, see page 35

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: *03,07*

County: *Mason*

Section: *15,16*

Township: *23 North*

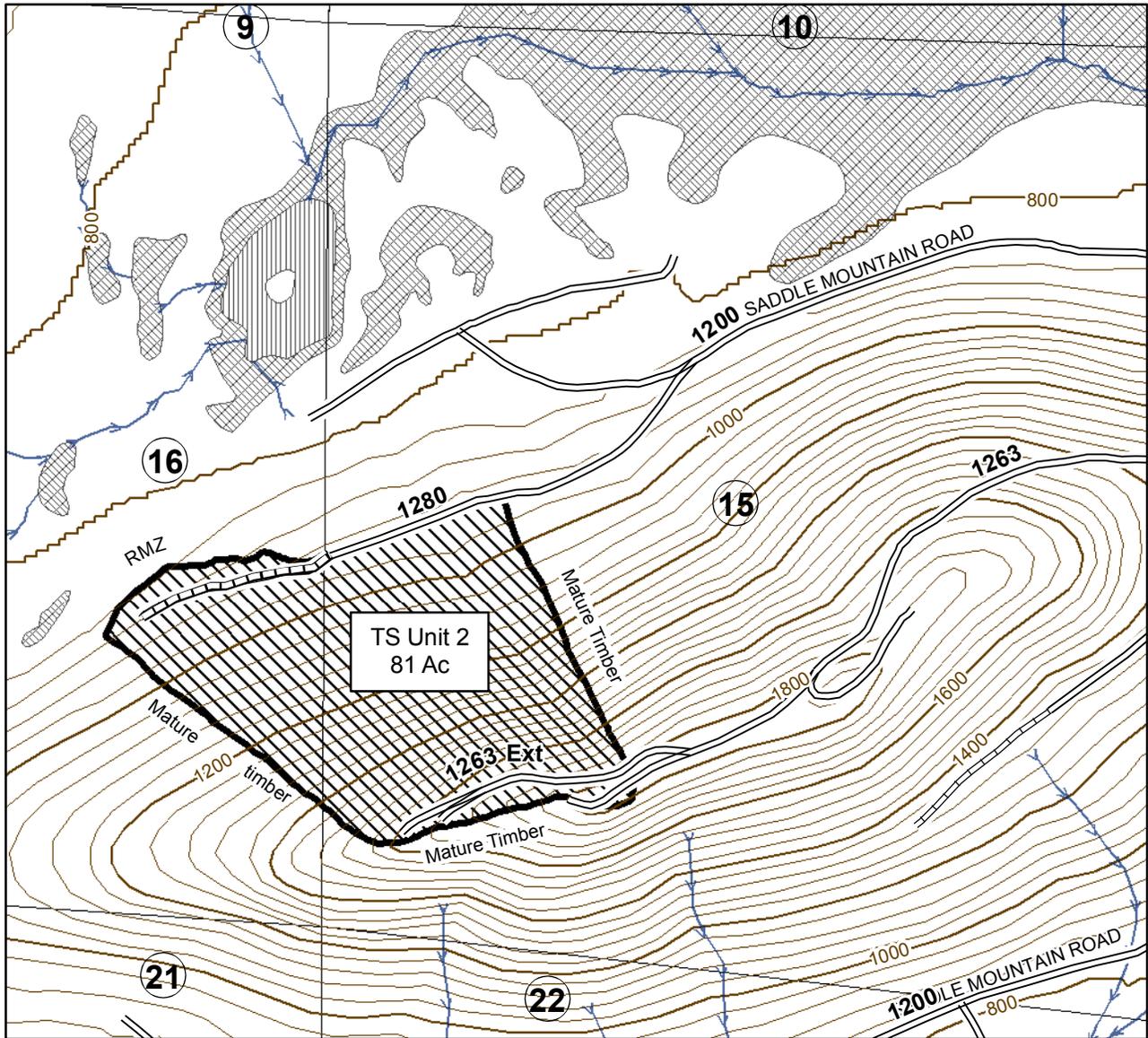
Range: *4 West W.M.*

Unit Name: *Split Saddle TS Unit 2*

Item Number: *1*

Unit Number: *7*

Approximate Scale 1" = 1000'



### Legend

- |  |   |
|--|---|
|  Treatment Area    |  Streams         |
|  All-weather roads |  Lakes and Ponds |
|  Non-driveable     |  Wetlands        |
|  Recreation Trail  |  40 ft. Contours |
|  Gates             |  Powerlines      |



Vicinity Map, see page 35

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1228

Region: **South Puget Sound**

District: **Hoodsport**

Local: **Hood Canal**

Unit Name: **Tangled Web TS Unit 1, 2, 3**

Item Number: **1**

Unit Number: **8**

Trust: **01 – 95%**  
**07 – 05%**

Section: **2, 3, 10, 11, 15**, Townships **24N**, Range **03W**, W.M

SPECIFICATIONS

Seedlings Required Per Acre after Planting: **302**

Planting Stock

Species: **DF**

Contract

Period: **February 1 to April 15, 2009**

Type: **1+1**

Net

Acres: **157**

Minimum

Seedling Distance: **8 Feet**

Minimum

Crew Required: **7**

Boundaries: **See unit maps on pages 46 & 47.**

Special Requirements: **In Unit 3 there is a wet area through the middle of the unit, do not plant in any water.**

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

Elevation: **900'-1700'**

Slope: **Unit 1, 0 - 10% Unit 2, 0 -40% Unit 3, 10 – 45%**

Aspect: **Unit 1 Flat**  
**Unit 2 & 3, West**

Snow Period: **January 1-March 15**

Slash: **Medium**

Duff: **Medium**

Vegetation: **Salal, swordfern**

Soils: **Unit 1 & 3 Good**  
**Unit 2 medium, some rock**

Access: **Highway 101 to Hoodsport continue on Highway 101 north 14 miles to the Hamma Hamma River Road (25 Road) turn left, follow 2.4 miles to the 2510 Road turn right, follow 2.4 miles to the 2513 road follow into Unit 1. From the 2513 Road continue on the 2510 Road approx. 0.9 mile to Unit 2 and continue approx. 0.6 miles to Unit 3. Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Aileen Nichols at 253.732.1822 for a key.**

Trees/Acre

To Plant: **302**

Spacing: **12' x 12'**

Total

Quantity: **47,414**

Additional Comments: **Tree trailer will be located at the Shelton Work Center in Shelton.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodspport*

Trust: 01

County: *Mason*

Section: 10,15

Township: 24 North

Range: 3 West

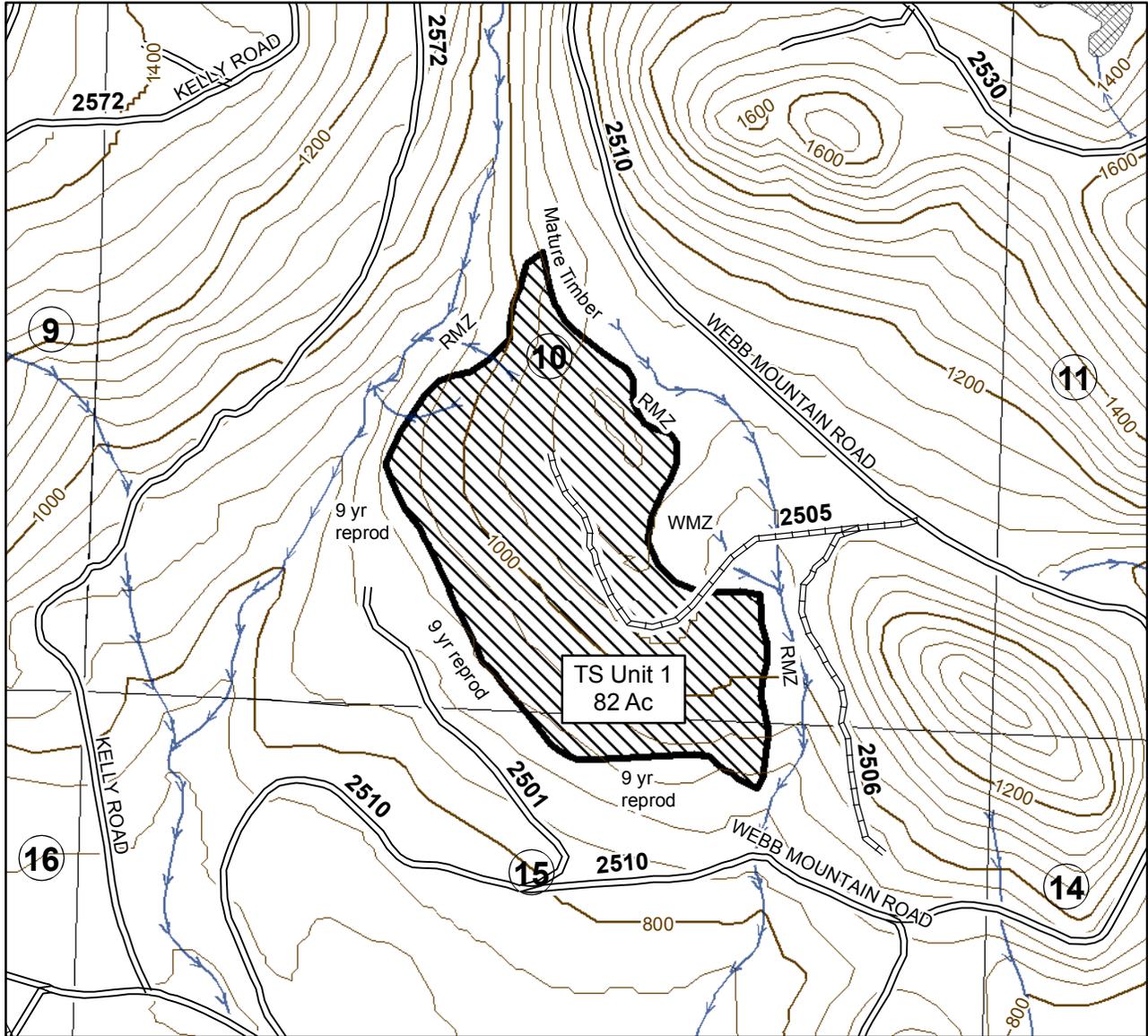
W.M.

Unit Name: *Tangled Web TS Unit 1*

Item Number: 1

Unit Number: 8

Approximate Scale 1" = 1000'



### Legend

- |  |   |
|--|---|
|  Treatment Area    |  Streams         |
|  All-weather roads |  Lakes and Ponds |
|  Non-driveable     |  Wetlands        |
|  Recreation Trail  |  40 ft. Contours |
|  Gates             |  Powerlines      |



Vicinity Map, see page 35

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: *01,07*

County: *Mason*

Section: *2,11*

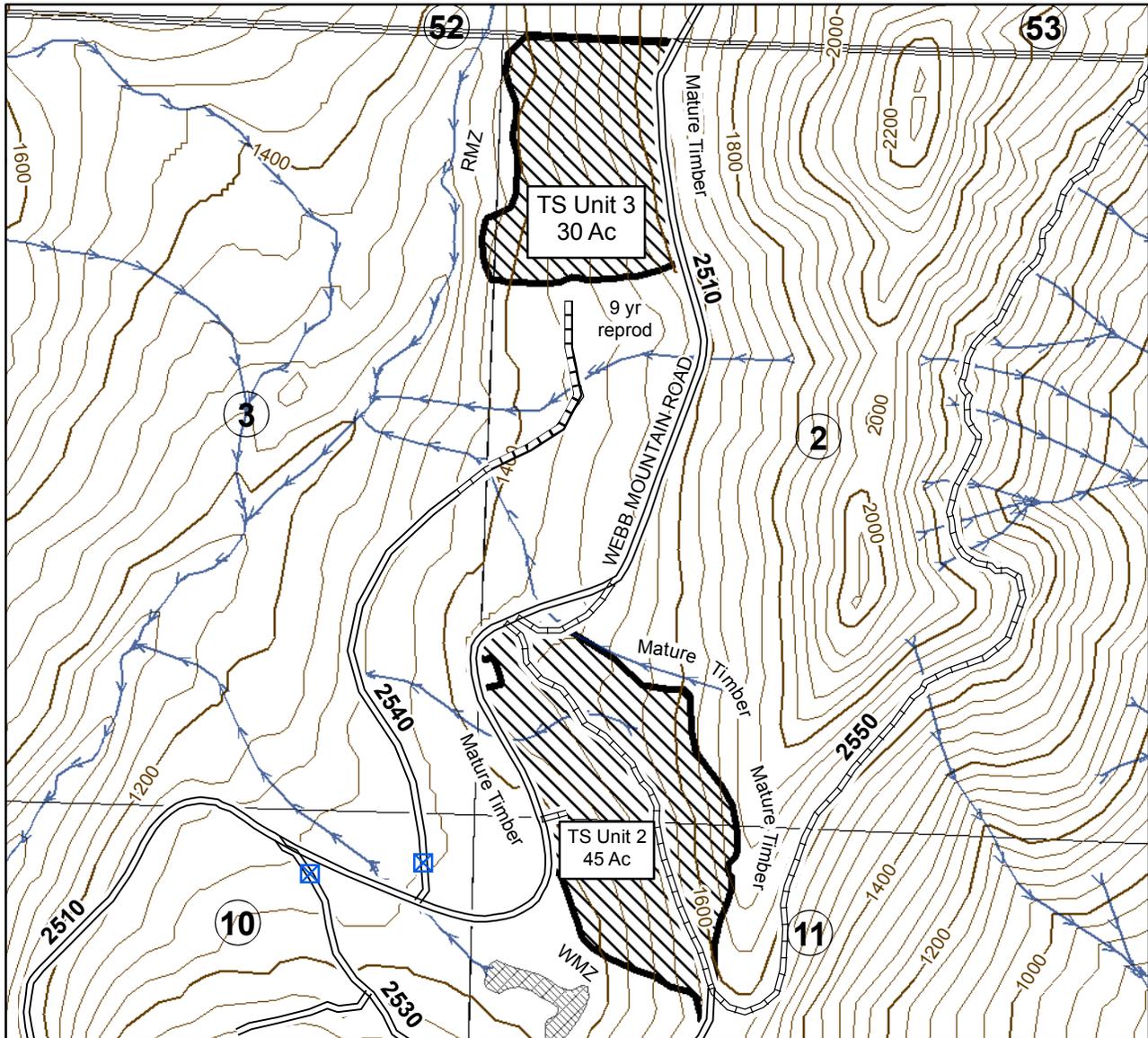
Township: *24 North* Range: *3 West* W.M.

Unit Name: *Tangled Web TS Units 2 & 3*

Item Number: *1*

Unit Number: *8*

Approximate Scale 1" = 1000'



### Legend

- |   |   |
|---|---|
|  Treatment Area     |  Streams         |
|  All-weather roads  |  Lakes and Ponds |
|  Non-driveable      |  Wetlands        |
|  Recreation Trail   |  40 ft. Contours |
|  Gates - Master 786 |  Powerlines      |



Vicinity Map, see page 35

**SECTION III, UNIT DESCRIPTION**

**TREE PLANTING**

**INVITATION TO BID/CONTRACT NUMBER: 1228**

**Region: South Puget Sound**

**District: Snoqualmie**

**Local: Marckworth**

**Unit Name: Cherry View TS U2 & U3**

**Item Number: 2**

**Unit Number: 1**

**Trust: 7 (79%)  
9 (21%)**

**Section 11 & 14, Township 26, Range 07E, W.M**

**SPECIFICATIONS**

**Seedlings Required Per Acre After Planting: 360**

**Planting Stock  
Species: DF WRC**

**Contract  
Period: January 12 to March 31, 2009**

**Type: 1+1 P+1**

**Net Minimum  
Acres: 95 Seedling Distance: 8 Feet**

**Minimum  
Crew Required: 10**

**Boundaries See unit map on page 49.**

**Special Requirements: The trees will be stored in North Bend. The trees for each day’s planting will be picked up by the contractor and any trees left over at the end of the work day will be returned to the cooler that evening and will be the first trees planted the following day. Trees will not be planted any closer than 10 feet from the edge of adjacent units or roads. Trees will not be planted within 15 feet of any standing leave trees. Trees will be planted 8 feet by 8 feet around slash piles. The planting location of each species will be identified by the contract administrator at the pre-work conference and/or on site.**

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

**Elevation: 400-700’**

**Slope: 0-35%**

**Aspect: West**

**Snow Period: December - January**

**Slash: Light**

**Duff: Moderate**

**Vegetation: Light**

**Soils: Gravelly Loam**

**Access: State Hwy 203 to Kelly Rd. to Stossel Creek County Rd. to St-2000 Rd. See map.**

**Trees/Acre  
To Plant: 360**

**Spacing: 11 X 11**

**Total  
Quantity: 34,200**

**Additional Comments: All gate combinations are #1228 (same as contract number). DF = 28,500 seedlings and WRC = 5,700 seedlings. Plant WRC evenly throughout unit. All gates will remain closed and locked at all times.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: *07,09*

County: *King*

Section: *11,14*

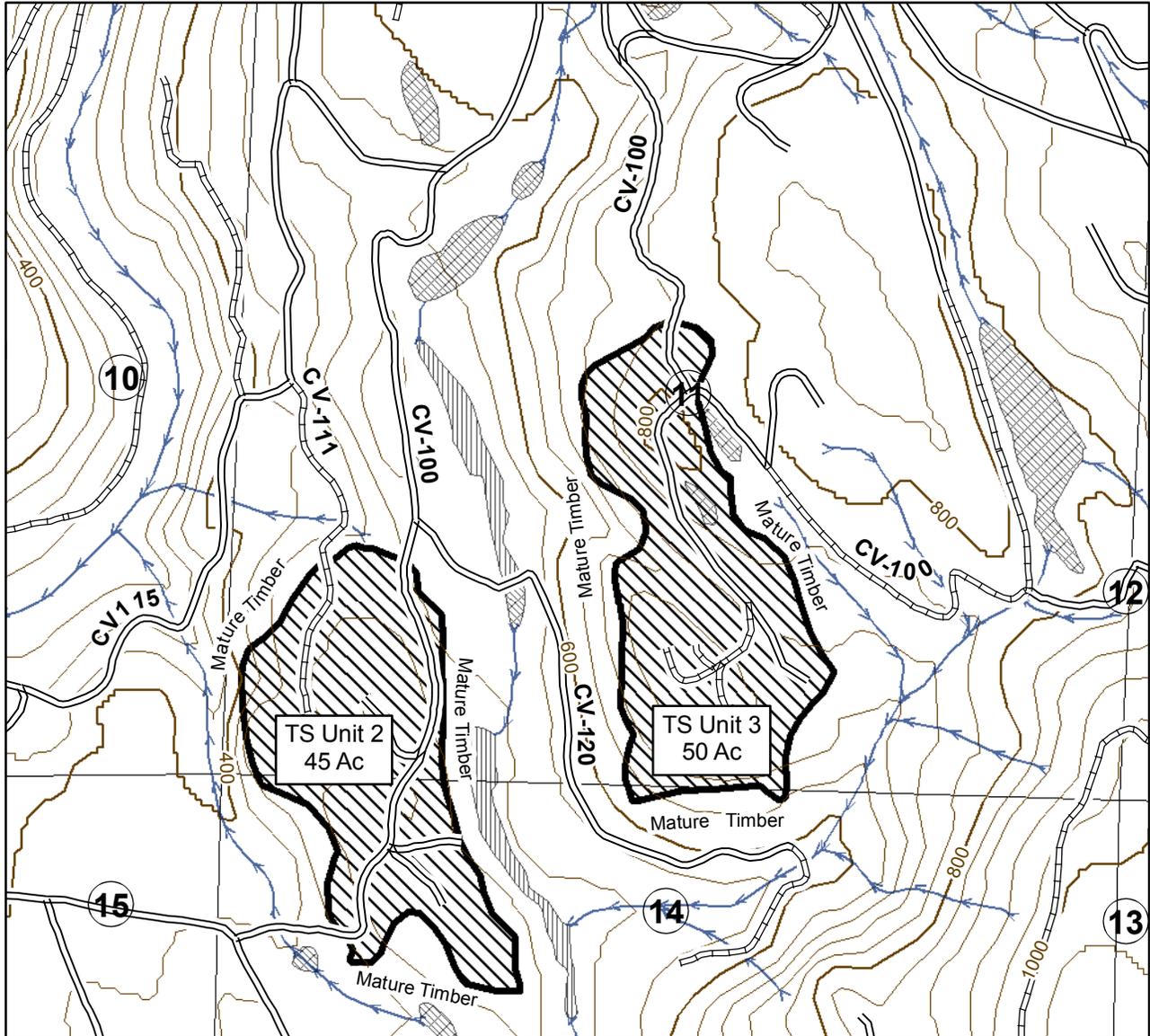
Township: *26 North* Range: *7 East* W.M.

Unit Name: *Cherry View TS Units 2 & 3*

Item Number: *2*

Unit Number: *1*

Approximate Scale 1" = 1000'



### Legend

- |  |                   |   |                 |
|--|-------------------|---|-----------------|
|  | Treatment Area    |  | Streams         |
|  | All-weather roads |  | Lakes and Ponds |
|  | Non-driveable     |  | Wetlands        |
|  | Recreation Trail  |  | 40 ft. Contours |
|  | Gates             |  | Powerlines      |



Vicinity Map, see page 50



**SECTION III, UNIT DESCRIPTION**

**TREE PLANTING**

**INVITATION TO BID/CONTRACT NUMBER: 1228**

**Region: South Puget Sound**

**District: Snoqualmie**

**Local: Marckworth**

**Unit Name: Cherry View TS U1 Interplant**

**Item Number: 2**

**Unit Number: 2**

**Trust: 07-100%**

**Section 11, Township 26, Range 07E, W.M**

**SPECIFICATIONS**

**Seedlings Required Per Acre After Planting: 360**

**Planting Stock  
Species: DF**

**Contract  
Period: January 12 to March 31, 2009**

**Type: 1+1**

**Net  
Acres: 8**

**Minimum  
Seedling Distance: 8 Feet**

**Minimum  
Crew Required: 5**

**Boundaries See unit map on page 52.**

**Special Requirements: Trees shall be spaced off of existing seedlings and next to slash piles. The trees will be stored in North Bend. The trees for each day's planting will be picked up by the contractor and any trees left over at the end of the work day will be returned to the cooler that evening and will be the first trees planted the following day. Trees will not be planted any closer than 10 feet from the edge of adjacent units or roads. Trees will not be planted within 15 feet of any standing leave trees. Trees will be planted 8 feet by 8 feet around slash piles. The planting location of each species will be identified by the contract administrator at the pre-work conference and/or on site.**

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

**Elevation: 600'**

**Slope: 0-5%**

**Aspect: South**

**Snow Period: December - January**

**Slash: Light**

**Duff: Light**

**Vegetation: Light**

**Soils: Gravelly Loam**

**Access: See map.**

**Trees/Acre  
To Plant: 200**

**Spacing: 11 X 11**

**Total  
Quantity: 1,600**

**Additional Comments: All gate combinations are #1228 (same as contract number). All gates will remain closed and locked at all times.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 07

County: *King*

Section: 11

Township: 26 North

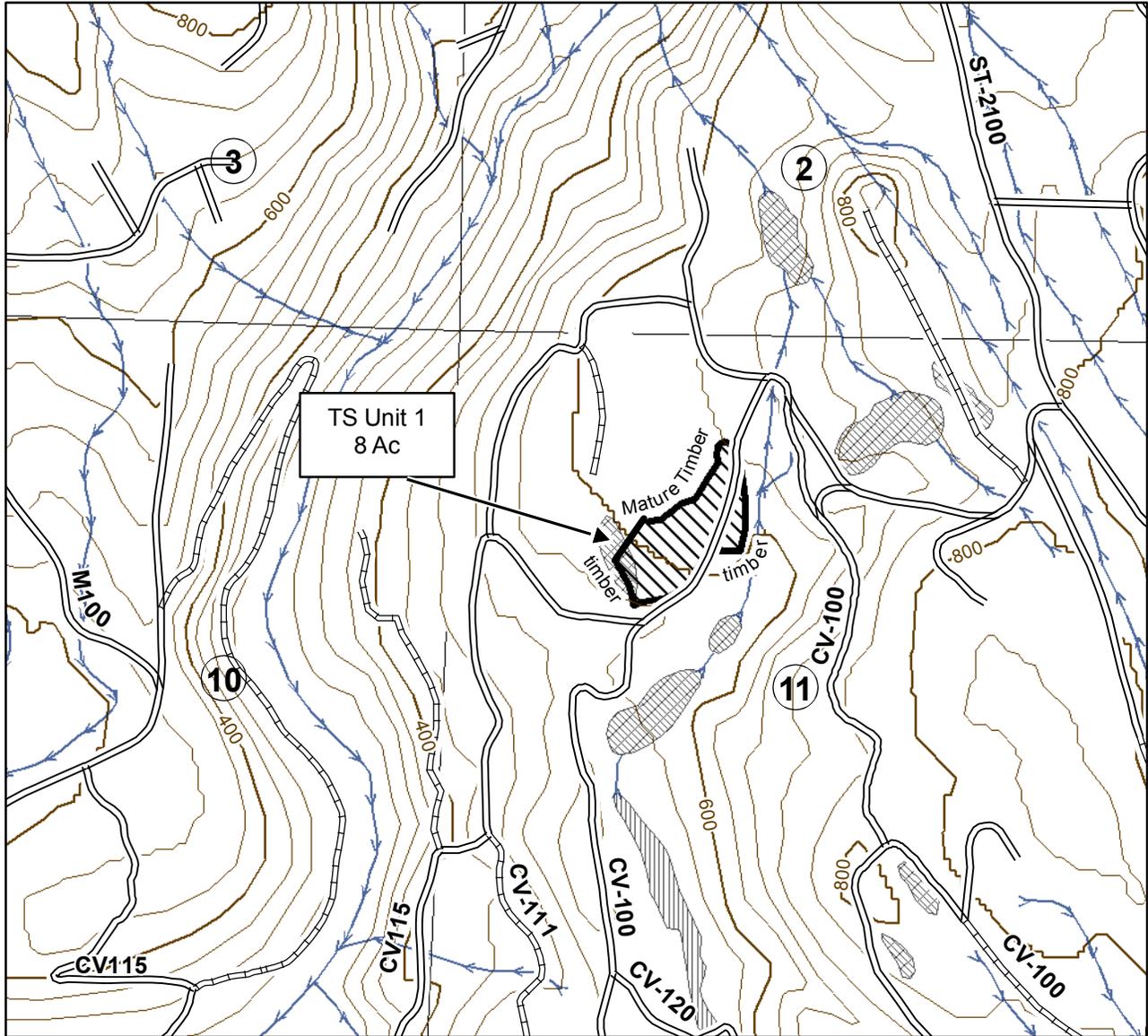
Range: 7 East

W.M.

Unit Name: *Cherry View TS Unit 1 Interplant*

Item Number: 2 Unit Number: 2

Approximate Scale 1" = 1000'



### Legend

- |  |                   |   |                 |
|--|-------------------|---|-----------------|
|  | Treatment Area    |  | Streams         |
|  | All-weather roads |  | Lakes and Ponds |
|  | Non-driveable     |  | Wetlands        |
|  | Recreation Trail  |  | 40 ft. Contours |
|  | Gates             |  | Powerlines      |



Vicinity Map, see page 50

**SECTION III, UNIT DESCRIPTION**

**TREE PLANTING**

**INVITATION TO BID/CONTRACT NUMBER: 1228**

**Region: South Puget Sound**

**District: Snoqualmie**

**Local: Marckworth**

**Unit Name: Soggy Bottom TS U2**

**Item Number: 2**

**Unit Number: 3**

**Trust: 7 (58%)  
1 (42%)**

**Section 23 & 24, Township 26, Range 07E, W.M**

**SPECIFICATIONS**

**Seedlings Required Per Acre After Planting: 360**

**Planting Stock  
Species: DF WRC**

**Contract  
Period: January 12 to March 31, 2009**

**Type: 1+1 P+1**

**Net Minimum  
Acres: 12 Seedling Distance: 8 Feet**

**Minimum  
Crew Required: 10**

**Boundaries See unit map on page 54.**

**Special Requirements: The trees will be stored in North Bend. The trees for each day’s planting will be picked up by the contractor and any trees left over at the end of the work day will be returned to the cooler that evening and will be the first trees planted the following day. Trees will not be planted any closer than 10 feet from the edge of adjacent units or roads. Trees will not be planted within 15 feet of any standing leave trees. Trees will be planted 8 feet by 8 feet around slash piles. The planting location of each species will be identified by the contract administrator at the pre-work conference and/or on site.**

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

**Elevation: 500’ Slope: 0-25% Aspect: Variable**

**Snow Period: December - January**

**Slash: Light to Moderate Duff: Moderate**

**Vegetation: Light Soils: Gravelly Loam**

**Access: Directly off of Stossel Creek RD NE. See map.**

**Trees/Acre Total  
To Plant: 360 Spacing: 11 X 11 Quantity: 4,320**

**Additional Comments: DF = 3,120 seedlings and WRC = 1,200 seedlings. Plant WRC in wetter/low lying areas and evenly throughout unit. All gates will remain closed and locked at all times.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: *01,07*

County: *King*

Section: *23 & 24*

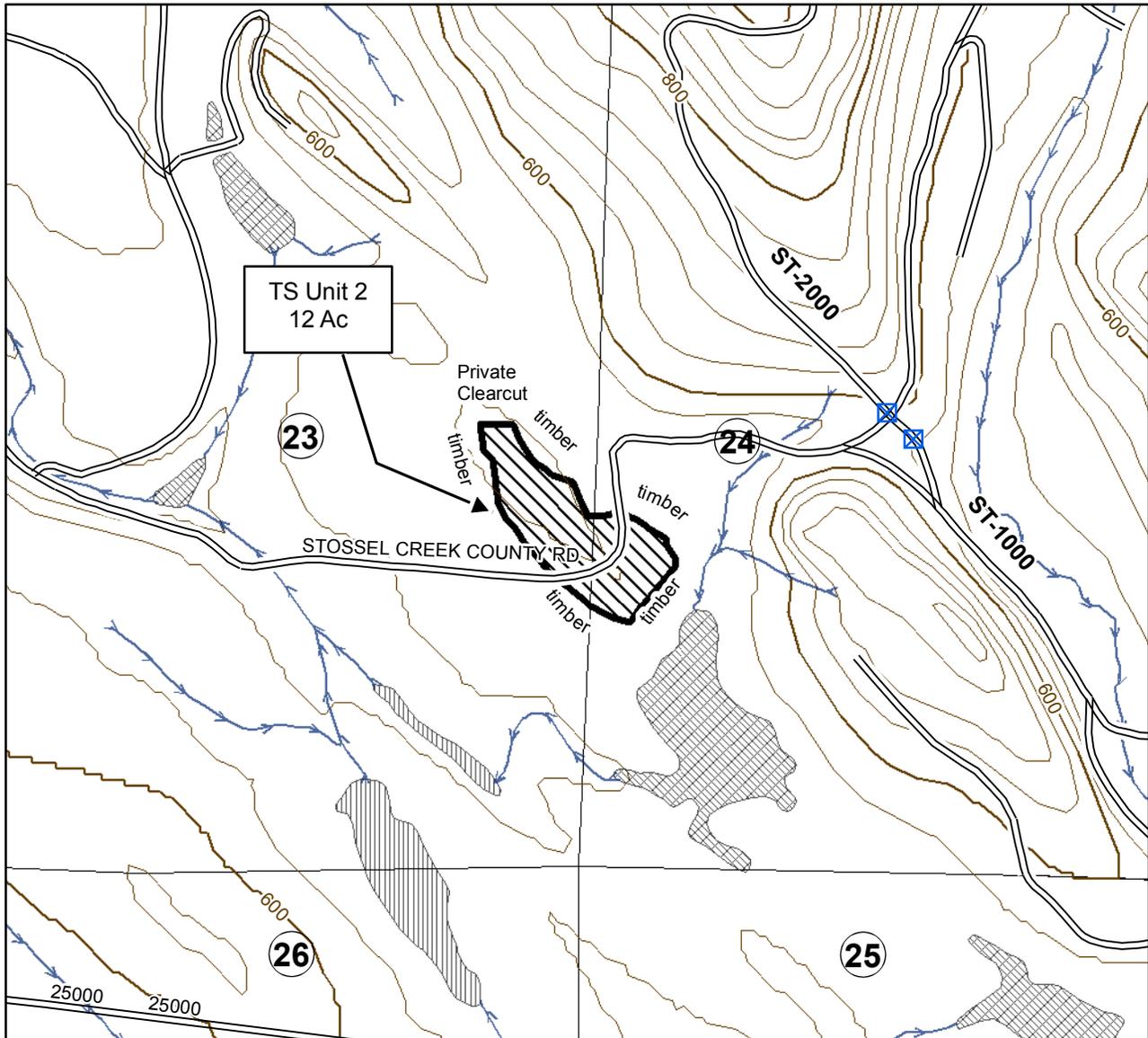
Township: *26 North*

Range: *7 East* W.M.

Unit Name: *Soggy Bottom TS Unit 2* Item Number: *2*

Unit Number: *3*

Approximate Scale 1" = 1000'



### Legend

-  Treatment Area
-  Streams
-  All-weather roads
-  Lakes and Ponds
-  Non-driveable
-  Wetlands
-  Recreation Trail
-  40 ft. Contours
-  Gates
-  Powerlines



Vicinity Map, see page 50

**SECTION III, UNIT DESCRIPTION**

**TREE PLANTING**

**INVITATION TO BID/CONTRACT NUMBER: 1228**

**Region: South Puget Sound**

**District: Snoqualmie**

**Local: Marckworth**

**Unit Name: Doghair TS U2**

**Item Number: 2**

**Unit Number: 4**

**Trust: 1-100%**

**Section 17, Township 26, Range 08E, W.M**

**SPECIFICATIONS**

**Seedlings Required Per Acre After Planting: 360**

**Planting Stock  
Species: DF WRC**

**Contract  
Period: January 12 to March 31, 2009**

**Type: 1+1 P+1**

**Net Minimum  
Acres: 4 Seedling Distance: 8 Feet**

**Minimum  
Crew Required: 5**

**Boundaries See unit map on page 56.**

**Special Requirements: The trees will be stored in North Bend. The trees for each day’s planting will be picked up by the contractor and any trees left over at the end of the work day will be returned to the cooler that evening and will be the first trees planted the following day. Trees will not be planted any closer than 10 feet from the edge of adjacent units or roads. Trees will not be planted within 15 feet of any standing leave trees. Trees will be planted 8 feet by 8 feet around slash piles. The planting location of each species will be identified by the contract administrator at the pre-work conference and/or on site.**

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

**Elevation: 1000-1100’**

**Slope: 0-25%**

**Aspect: Southwest**

**Snow Period: December - February**

**Slash: Moderate**

**Duff: Moderate**

**Vegetation: Moderate to Heavy**

**Soils: Gravelly Loam**

**Access: Hwy 203 to Kelly Rd. to Stossel Creek County Rd. to ST-5000 Rd. See map.**

**Trees/Acre  
To Plant: 360**

**Spacing: 11 X 11**

**Total  
Quantity: 1,440**

**Additional Comments: All gate combinations are #1228 (same as contract number). DF = 800 seedlings and WRC = 640 seedlings. Plant WRC in wetter/low lying areas and evenly throughout unit. All gates will remain closed and locked at all times.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 01

County: *King*

Section: 17

Township: 26 North

Range: 8 East

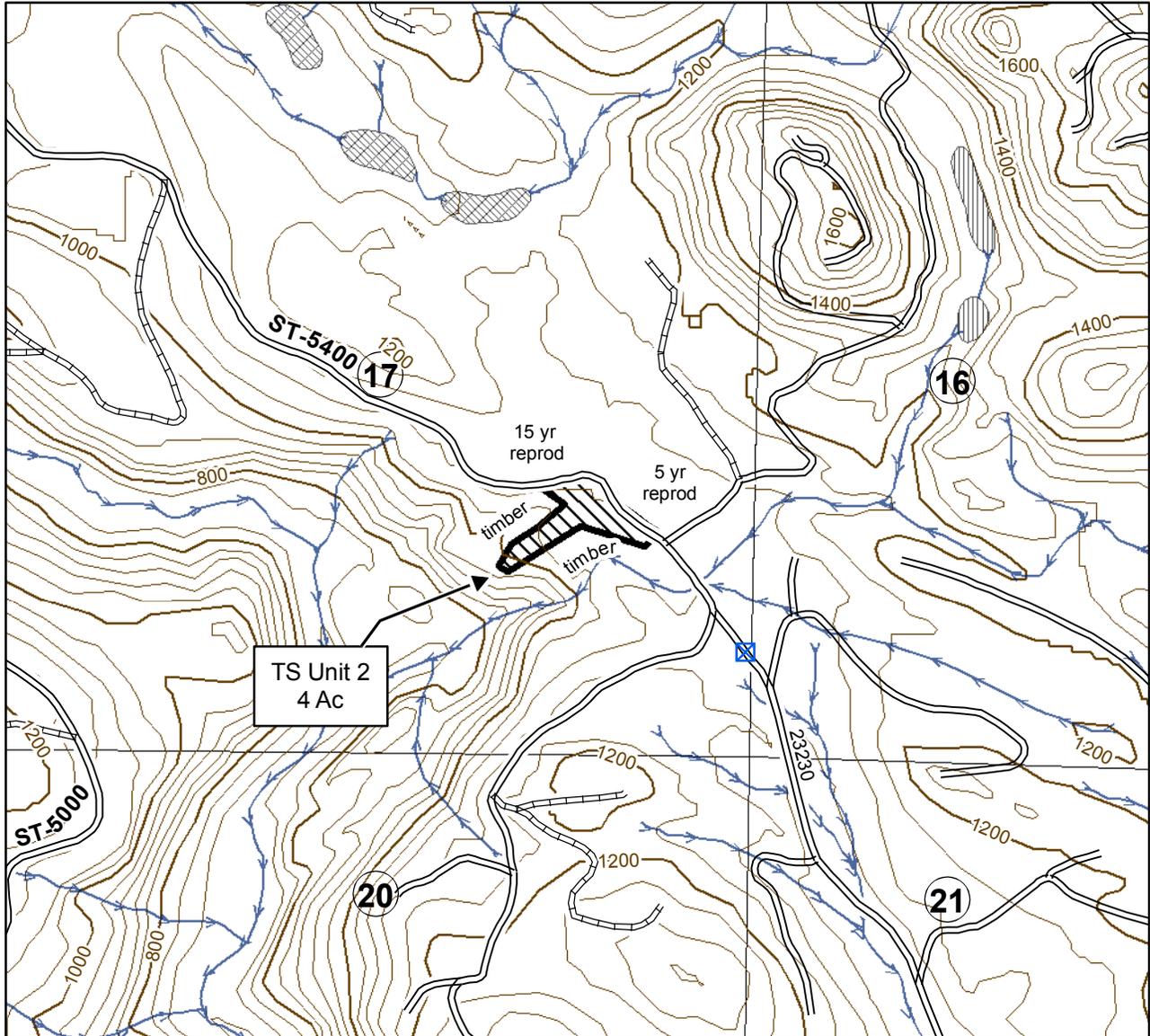
W.M.

Unit Name: *Doghair TS Unit 2*

Item Number: 2

Unit Number: 4

Approximate Scale 1" = 1000'



### Legend

- |  |                   |   |                 |
|--|-------------------|---|-----------------|
|  | Treatment Area    |  | Streams         |
|  | All-weather roads |  | Lakes and Ponds |
|  | Non-driveable     |  | Wetlands        |
|  | Recreation Trail  |  | 40 ft. Contours |
|  | Gates             |  | Powerlines      |



Vicinity Map, see page 50

**SECTION III, UNIT DESCRIPTION**

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER: **1228**

Region: **South Puget Sound**

District: **Snoqualmie**

Local: **Marckworth**

Unit Name: **North Slope TS U1 Interplant**

Item Number: **2**

Unit Number: **5**

Trust: **1-100%**

Section **7 & 18**, Township **26**, Range **08E**, W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **360**

Planting Stock  
Species: **DF**

Contract  
Period: **January 12 to March 31, 2009**

Type: **1+1**

Net  
Acres: **9** Minimum  
Seedling Distance: **8 Feet**

Minimum  
Crew Required: **5**

Boundaries **See unit map on page 58.**

Special Requirements: **Space trees off of existing planted trees. The trees will be stored in North Bend. The trees for each day's planting will be picked up by the contractor and any trees left over at the end of the work day will be returned to the cooler that evening and will be the first trees planted the following day. Trees will not be planted any closer than 10 feet from the edge of adjacent units or roads. Trees will not be planted within 15 feet of any standing leave trees. Trees will be planted 8 feet by 8 feet around slash piles. The planting location of each species will be identified by the contract administrator at the pre-work conference and/or on site.**

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

Elevation: **900-1100'**

Slope: **10-40%**

Aspect: **East**

Snow Period: **December - February**

Slash: **Moderate**

Duff: **Moderate**

Vegetation: **Moderate**

Soils: **Gravelly Loam**

Access: **See map.**

Trees/Acre  
To Plant: **100**

Spacing: **11 X 11**

Total  
Quantity: **900**

Additional Comments: **All gate combinations are #1228 (same as contract number). All gates will remain closed and locked at all times.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 01

County: *King*

Section: 7 & 18

Township: 26 North Range: 8 East

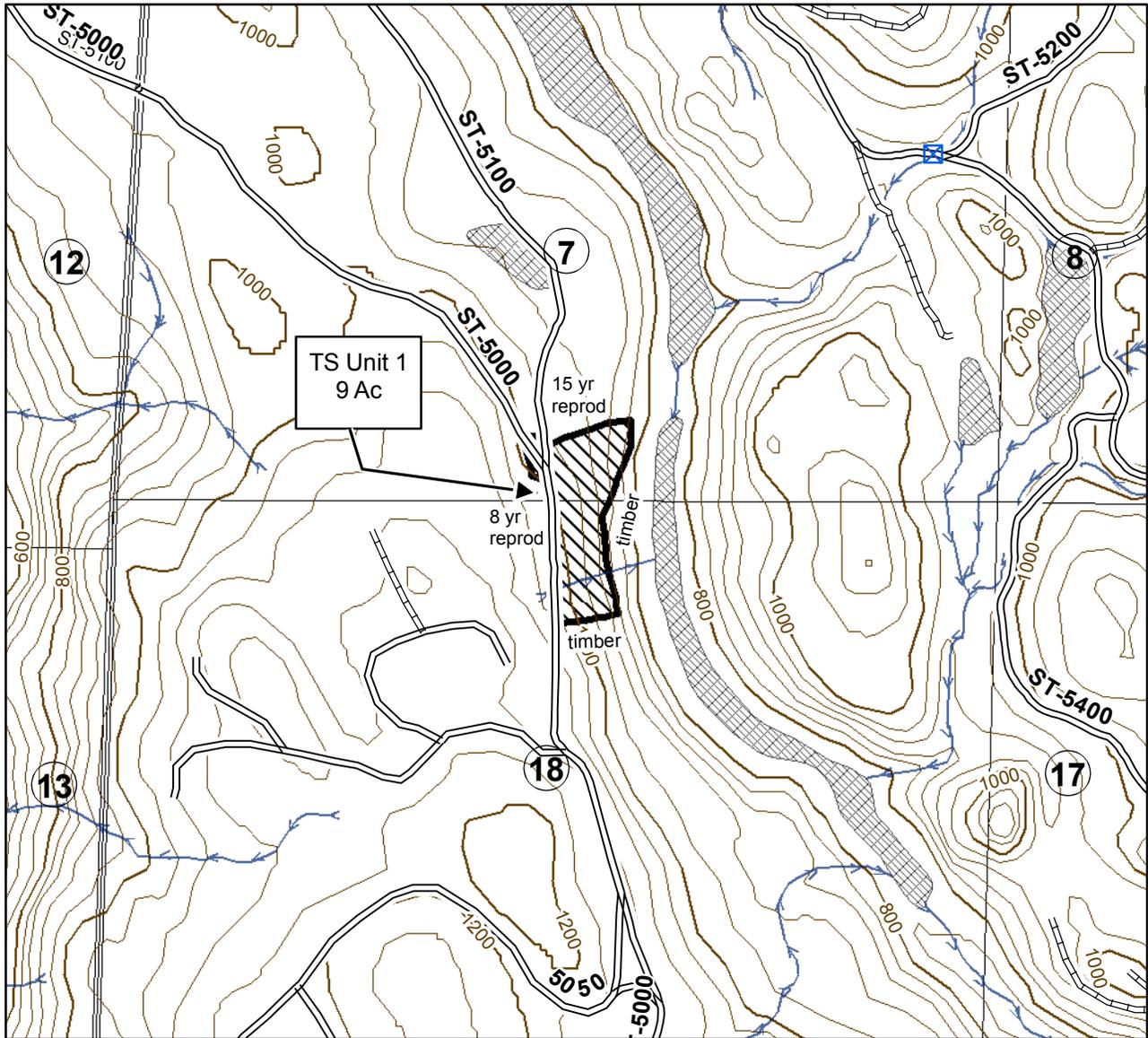
W.M.

Unit Name: *North Slope TS Unit 1 Interplant*

Item Number: 2

Unit Number: 5

Approximate Scale 1" = 1000'



### Legend

- |  |                   |  |                 |
|--|-------------------|--|-----------------|
|  | Treatment Area    |  | Streams         |
|  | All-weather roads |  | Lakes and Ponds |
|  | Non-driveable     |  | Wetlands        |
|  | Recreation Trail  |  | 40 ft. Contours |
|  | Gates             |  | Powerlines      |



Vicinity Map, see page 50

**SECTION III, UNIT DESCRIPTION**

**TREE PLANTING**

**INVITATION TO BID/CONTRACT NUMBER: 1228**

<b>Region: South Puget Sound</b>	<b>District: Snoqualmie</b>	<b>Local: Raging River</b>	
<b>Unit Name: Mitchell Forestry &amp; U2</b>	<b>Item Number: 2</b>	<b>Unit Number: 6</b>	<b>Trust: 1 (89%)</b>
			<b>9 (10%)</b>
<b>Section 17, Township 24, Range 07E, W.M</b>			<b>3 (1%)</b>

**SPECIFICATIONS**

<b>Seedlings Required Per Acre After Planting: 360</b>	<b>Planting Stock</b>
	<b>Species: DF WRC</b>
<b>Contract</b>	
<b>Period: January 12 to March 31, 2009</b>	<b>Type: 1+1 P+1</b>
<b>Net</b>	<b>Minimum</b>
<b>Acres: 34</b>	<b>Seedling Distance: 8 Feet</b>
	<b>Minimum</b>
	<b>Crew Required: 10</b>
<b>Boundaries</b>	<b>See unit map on page 60.</b>

**Special Requirements: The trees will be stored in North Bend. The trees for each day’s planting will be picked up by the contractor and any trees left over at the end of the work day will be returned to the cooler that evening and will be the first trees planted the following day. Trees will not be planted any closer than 10 feet from the edge of adjacent units or roads. Trees will not be planted within 15 feet of any standing leave trees. Trees will be planted 8 feet by 8 feet around slash piles. The planting location of each species will be identified by the contract administrator at the pre-work conference and/or on site.**

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

<b>Elevation: 600-800’</b>	<b>Slope: 0-50%</b>	<b>Aspect: North and South</b>
<b>Snow Period: December - February</b>		
<b>Slash: Light</b>	<b>Duff: Light</b>	
<b>Vegetation: Light</b>	<b>Soils: Gravelly Loam</b>	
<b>Access: See map.</b>		
<b>Trees/Acre</b>		<b>Total</b>
<b>To Plant: 360</b>	<b>Spacing: 11 X 11</b>	<b>Quantity: 12,240</b>

**Additional Comments: All gate combinations are #1228 (same as contract number). The 23 acre unit shall be planted to 300 TPA of Douglas-fir and 60 TPA of Western red cedar. The 11 acre unit shall be planted to 250 TPA of Douglas-fir and 110 TPA of Western red cedar. DF = 9,650 seedlings and WRC = 2,590 seedlings. Plant WRC evenly throughout unit. All gates will remain closed and locked at all times.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: *01,03,09*

County: *King*

Section: *17*

Township: *24 North*

Range: *7 East*

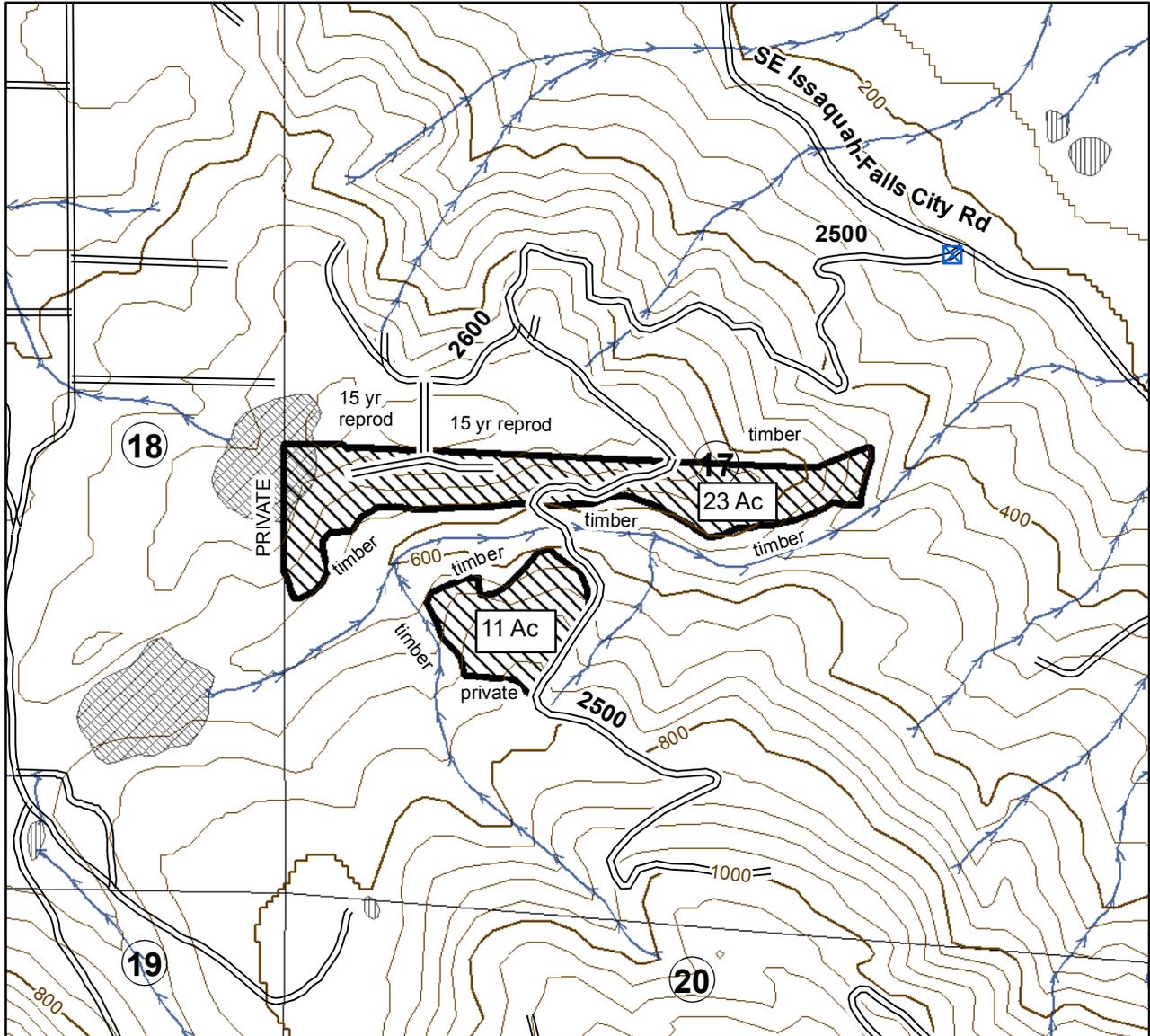
W.M.

Unit Name: *Mitchell Forestry & U2*

Item Number: *2*

Unit Number: *6*

Approximate Scale 1" = 1000'



### Legend

- |  |   |
|--|---|
|  Treatment Area    |  Streams         |
|  All-weather roads |  Lakes and Ponds |
|  Non-driveable     |  Wetlands        |
|  Recreation Trail  |  40 ft. Contours |
|  Gates             |  Powerlines      |

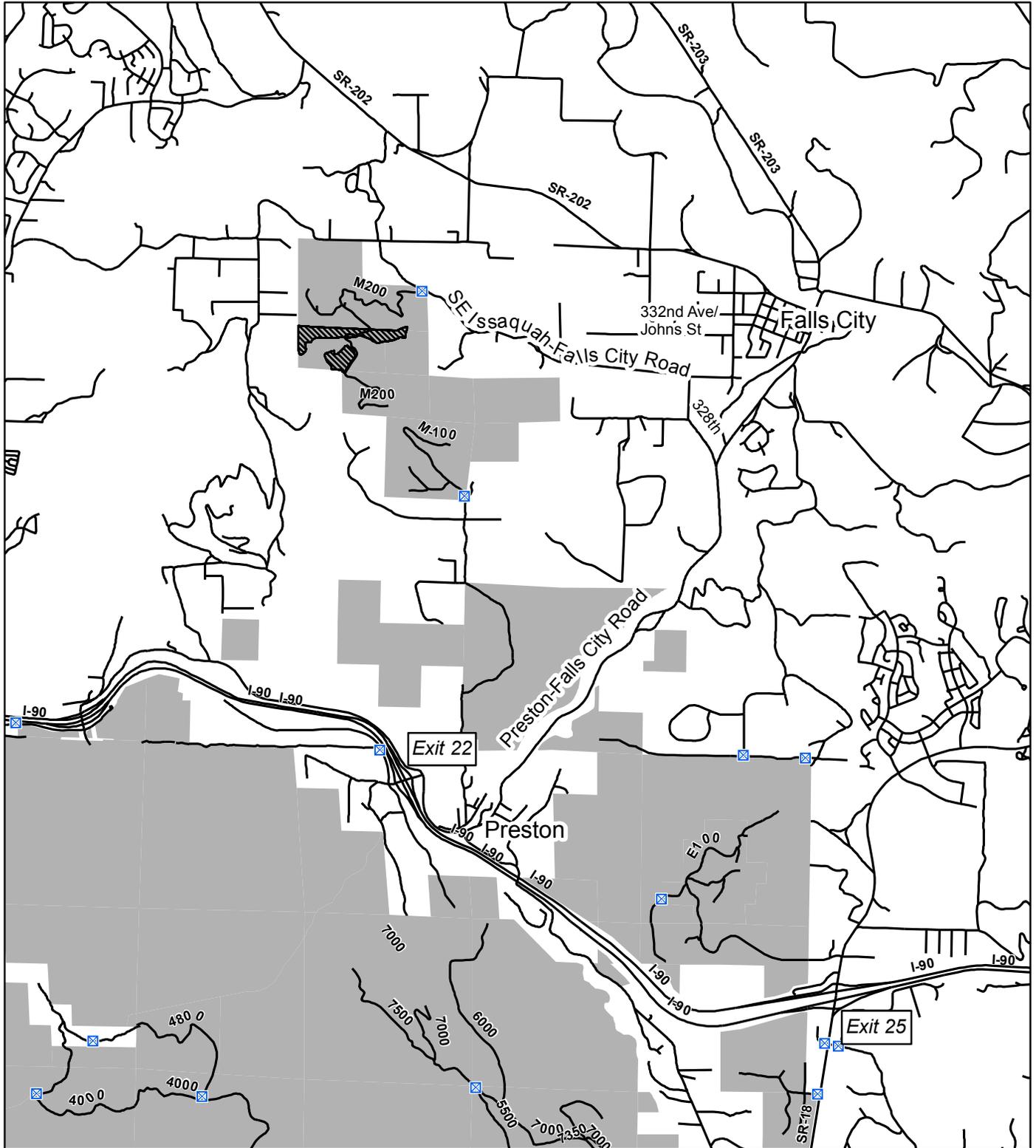


Vicinity Map, see page 61

# Vicinity Map

## Tree Planting

Invitation to Bid Number: 1228



### Legend

-  Treatment Area
-  DNR Managed Lands
-  All-weather roads
-  Gates



**SECTION III, UNIT DESCRIPTION**

**TREE PLANTING**

**INVITATION TO BID/CONTRACT NUMBER: 1228**

Region: **South Puget Sound**

District: **Snoqualmie**

Local: **Raging River/  
Tiger Mtn.**

Unit Name: **Rag Road TS U1-U3**

Item Number: **2**

Unit Number: **7**

Trust: **1-100%**

Sections **3, 10, & 15**, Township **23**, Range **07E**, W.M

**SPECIFICATIONS**

Seedlings Required Per Acre After Planting: **360**

Planting Stock  
Species: **DF WRC**

Contract  
Period: **January 12 to March 31, 2009**

Type: **1+1 P+1**

Net  
Acres: **94** Minimum  
Seedling Distance: **8 Feet**

Minimum  
Crew Required: **10**

Boundaries **See unit maps on pages 63 & 64.**

Special Requirements: **The trees will be stored in North Bend. The trees for each day’s planting will be picked up by the contractor and any trees left over at the end of the work day will be returned to the cooler that evening and will be the first trees planted the following day. Trees will not be planted any closer than 10 feet from the edge of adjacent units or roads. Trees will not be planted within 15 feet of any standing leave trees. Trees will be planted 8 feet by 8 feet around slash piles. The planting location of each species will be identified by the contract administrator at the pre-work conference and/or on site.**

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

Elevation: **700-1200’** Slope: **0-55%** Aspect: **Variable**

Snow Period: **December - February**

Slash: **Light to Moderate** Duff: **Light**

Vegetation: **Light** Soils: **Gravelly Loam**

Access: **All three units are accessed through gates off of Highway 18. See map.**

Trees/Acre  
To Plant: **360** Spacing: **11 X 11** Total  
Quantity: **33,840**

Additional Comments: **All gate combinations are #1228 (same as contract number). All three units shall be planted to 300 TPA of Douglas-fir and 60 TPA of Western red cedar. DF = 28,200 seedlings and WRC = 5,640 seedlings. Plant WRC evenly throughout unit. All gates will remain closed and locked at all times.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 01

County: *King*

Section: 3,10

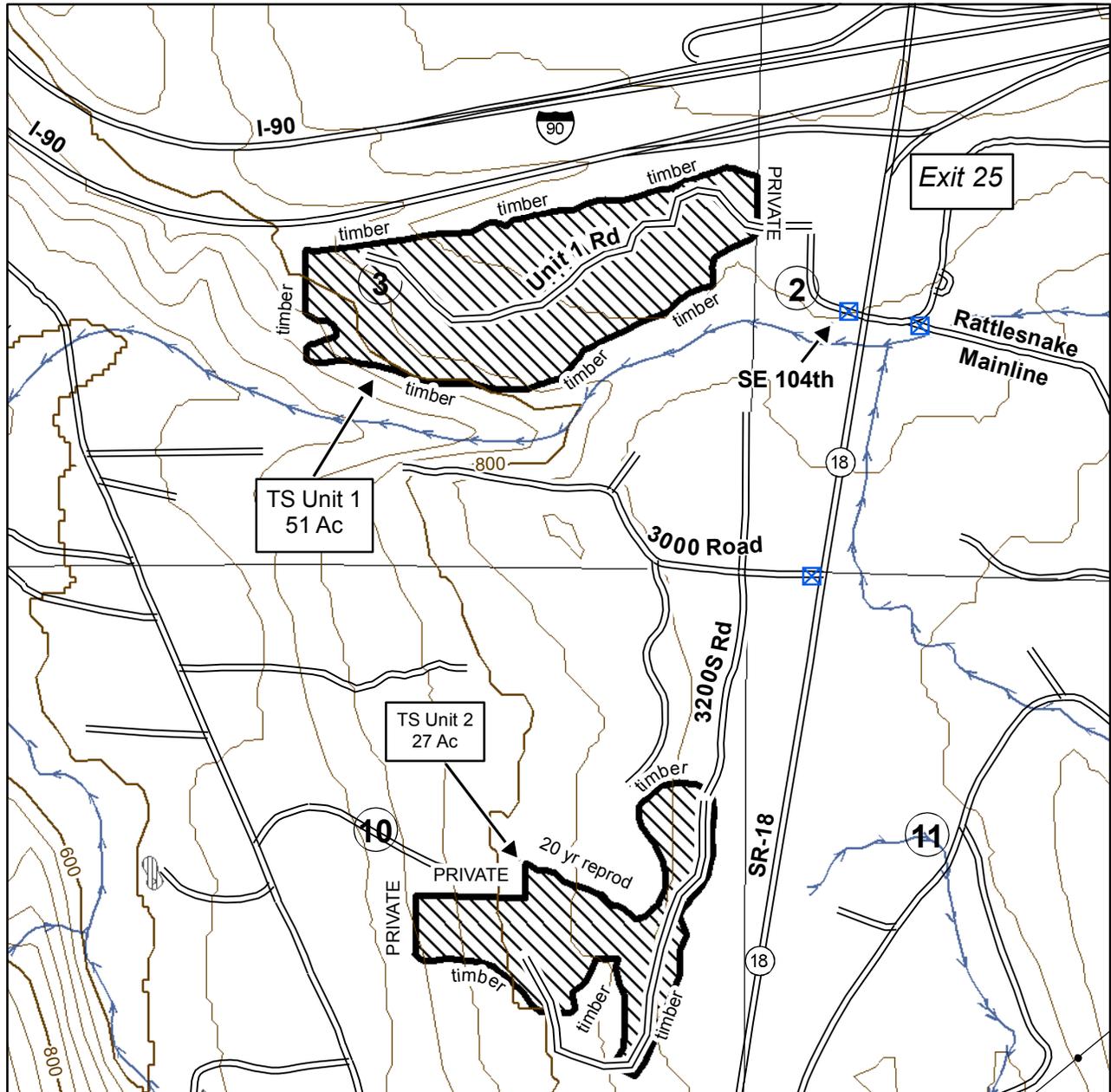
Township: 23 North Range: 7 East

W.M.

Unit Name: *Rag Road TS Units 1 & 2* Item Number: 2

Unit Number: 7

Approximate Scale 1" = 1000'



### Legend

-  Treatment Area
-  Streams
-  All-weather roads
-  Lakes and Ponds
-  Non-driveable
-  Wetlands
-  Recreation Trail
-  40 ft. Contours
-  Gates
-  Powerlines

Vicinity Map, see page 65

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 01

County: *King*

Section: 15

Township: 23 North Range: 7 East

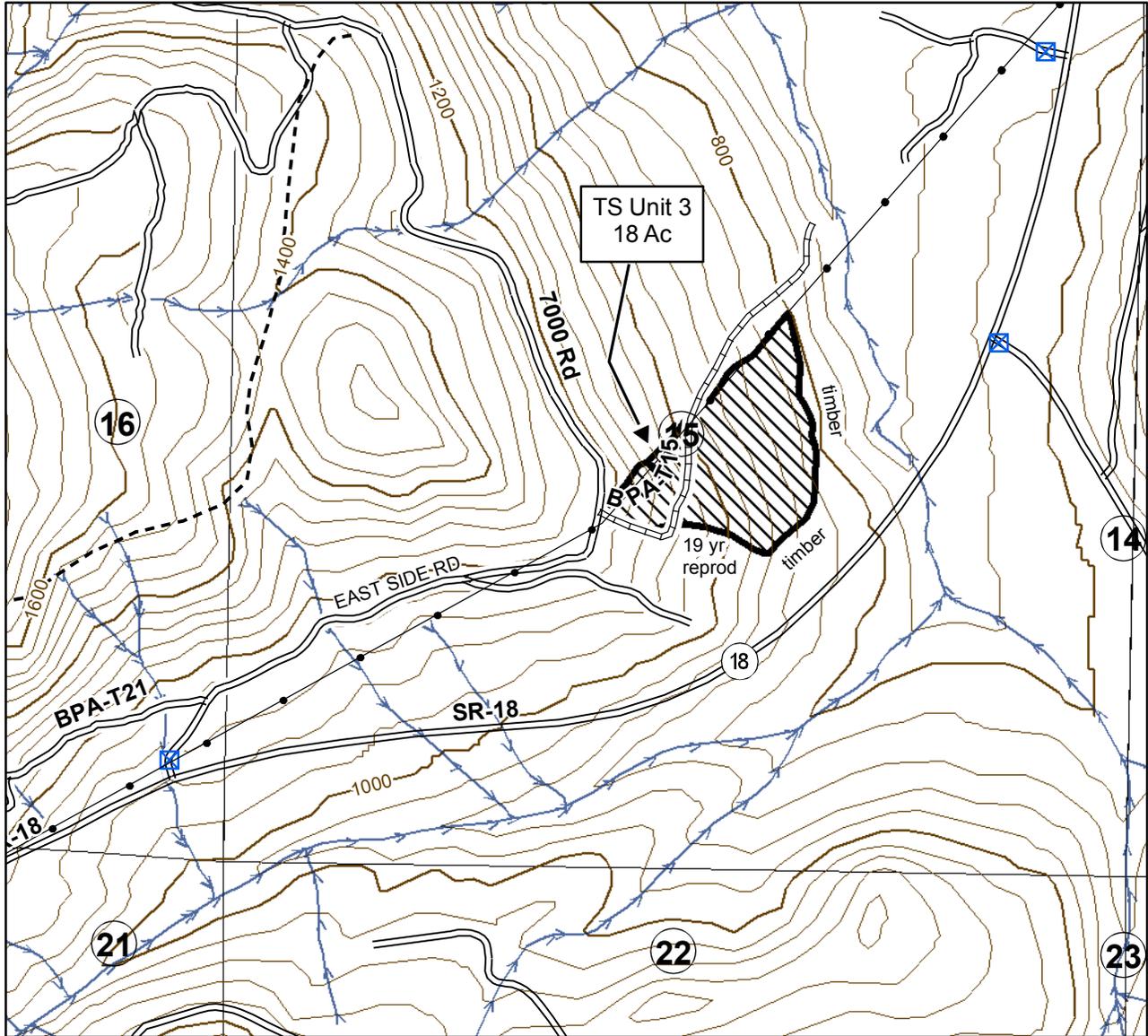
W.M.

Unit Name: *Rag Road TS Unit 3*

Item Number: 2

Unit Number: 7

Approximate Scale 1" = 1000'



### Legend

- |  |                   |   |                 |
|--|-------------------|---|-----------------|
|  | Treatment Area    |  | Streams         |
|  | All-weather roads |  | Lakes and Ponds |
|  | Non-driveable     |  | Wetlands        |
|  | Recreation Trail  |  | 40 ft. Contours |
|  | Gates             |  | Powerlines      |

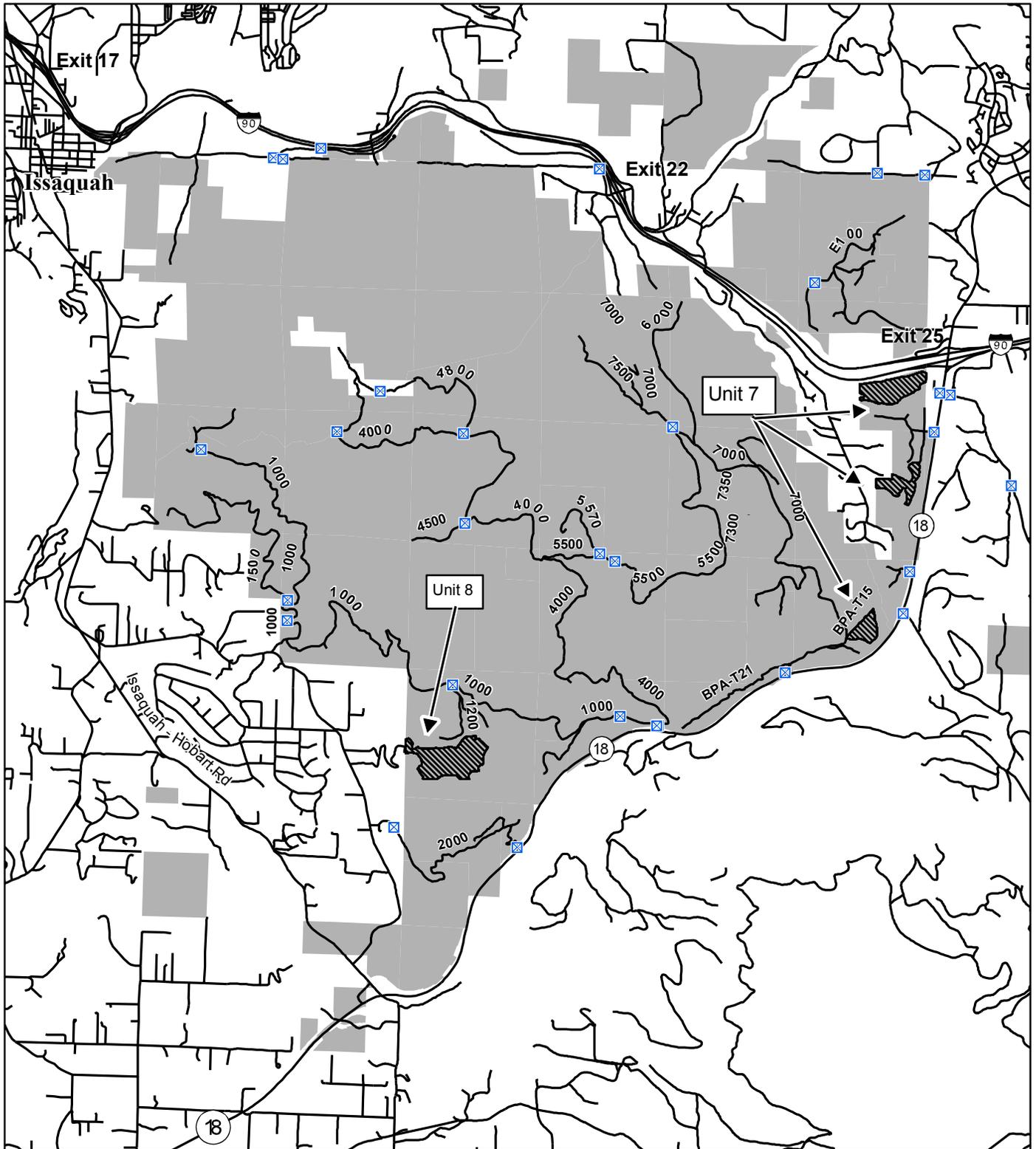


Vicinity Map, see page 65

# Vicinity Map

## Tree Planting

## Invitation to Bid Number: 1228



### Legend

- DNR Managed Lands
- Gates
- All-weather roads
- Treatment Area



**SECTION III, UNIT DESCRIPTION**

**TREE PLANTING**

**INVITATION TO BID/CONTRACT NUMBER: 1228**

**Region: South Puget Sound**

**District: Snoqualmie**

**Local: Tiger Mtn.**

**Unit Name: Peacock**

**Item Number: 2**

**Unit Number: 8**

**Trust: 1-100%**

**Sections 19 Township 23, Range 07E, W.M**

**SPECIFICATIONS**

**Seedlings Required Per Acre After Planting: 360**

**Planting Stock  
Species: DF WRC**

**Contract  
Period: January 12 to March 31, 2009**

**Type: 1+1 P+1**

**Net Minimum  
Acres: 83 Seedling Distance: 8 Feet**

**Minimum  
Crew Required: 10**

**Boundaries See unit map on page 67.**

**Special Requirements: The trees will be stored in North Bend. The trees for each day’s planting will be picked up by the contractor and any trees left over at the end of the work day will be returned to the cooler that evening and will be the first trees planted the following day. Trees will not be planted any closer than 10 feet from the edge of adjacent units or roads. Trees will not be planted within 15 feet of any standing leave trees. Trees will be planted 8 feet by 8 feet around slash piles. The planting location of each species will be identified by the contract administrator at the pre-work conference and/or on site.**

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

**Elevation: 1500-2100’ Slope: 0-45% Aspect: Variable**

**Snow Period: December - February**

**Slash: Light to Moderate Duff: Light**

**Vegetation: Light to Moderate Soils: Gravelly Loam**

**Access: Unit is accessed off of Highway 18 at Tiger Summit. Using 1000 Rd. to 1200 Rd. See map.**

**Trees/Acre Total  
To Plant: 360 Spacing: 11 X 11 Quantity: 29,880**

**Additional Comments: All gate combinations are #1228 (same as contract number). A 10 acre portion of the unit is flagged and shall be planted to 360 TPA of Western red cedar. The remaining 73 acres shall be planted to 300 TPA of Douglas-fir and 60 TPA of Western red cedar (plant WRC evenly throughout the rest of the unit). DF = 21,900 seedlings and WRC = 7,980 seedlings. All gates will remain closed and locked at all times.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 01

County: *King*

Section: 19

Township: 23 North Range: 7 East

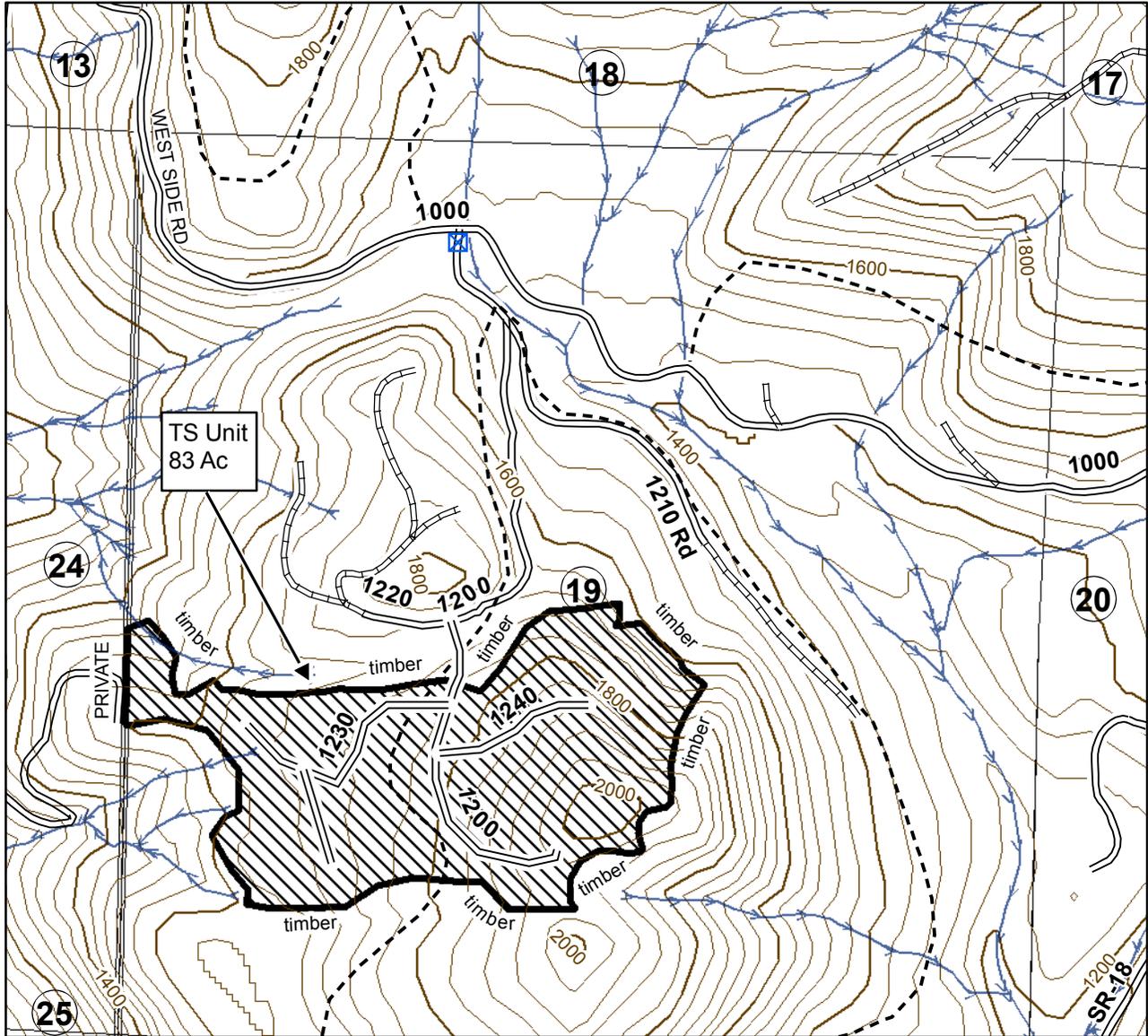
W.M.

Unit Name: *Peacock*

Item Number: 2

Unit Number: 8

Approximate Scale 1" = 1000'



### Legend

- |  |   |
|--|---|
|  Treatment Area    |  Streams         |
|  All-weather roads |  Lakes and Ponds |
|  Non-driveable     |  Wetlands        |
|  Recreation Trail  |  40 ft. Contours |
|  Gates             |  Powerlines      |



Vicinity Map, see page 65

**SECTION III, UNIT DESCRIPTION**

**TREE PLANTING**

**INVITATION TO BID/CONTRACT NUMBER: 1228**

**Region: South Puget Sound**

**District: Snoqualmie**

**Local: Grass Mtn.**

**Unit Name: Bear Creek VDT**

**Item Number: 2**

**Unit Number: 9**

**Trust: 7 (74%)  
3(26%)**

**Sections 29-32 Township 21, Range 08E, W.M.**

**SPECIFICATIONS**

**Seedlings Required Per Acre After Planting: 200**

**Planting Stock  
Species: DF WRC**

**Contract  
Period: January 12 to March 31, 2009**

**Type: 1+1 P+1**

**Net Minimum  
Acres: 14 Seedling Distance: 10 Feet**

**Minimum  
Crew Required: 5**

**Boundaries See unit map on page 69.**

**Special Requirements: The trees will be stored in North Bend. The trees for each day’s planting will be picked up by the contractor and any trees left over at the end of the work day will be returned to the cooler that evening and will be the first trees planted the following day. Trees will not be planted any closer than 10 feet from the edge of adjacent units or roads. Trees will not be planted within 15 feet of any standing leave trees. Trees will be planted 8 feet by 8 feet around slash piles. The planting location of each species will be identified by the contract administrator at the pre-work conference and/or on site.**

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

**Elevation: 2000-3300'**

**Slope: 15-60%**

**Aspect: Variable**

**Snow Period: November - March**

**Slash: Moderate**

**Duff: Moderate**

**Vegetation: Light**

**Soils: Gravelly Loam**

**Access: Unit is accessed from the Kuzak RD in Cumberland. Using Kuzak Rd. to Nettleton/5400 Rd. to 5410 Rd. See map.**

**Trees/Acre  
To Plant: 200**

**Spacing: 15 X 15**

**Total  
Quantity: 2,800**

**Additional Comments: All gate combinations are #1228 (same as contract number). Plant DF and WRC evenly throughout unit. DF = 2,100 seedlings and WRC = 700 seedlings. All gates will remain closed and locked at all times.**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: South Puget Sound

Unit: Black Diamond

Trust: 03,07

County: King

Section: 29,30,31,32

Township: 21 North

Range: 8 East

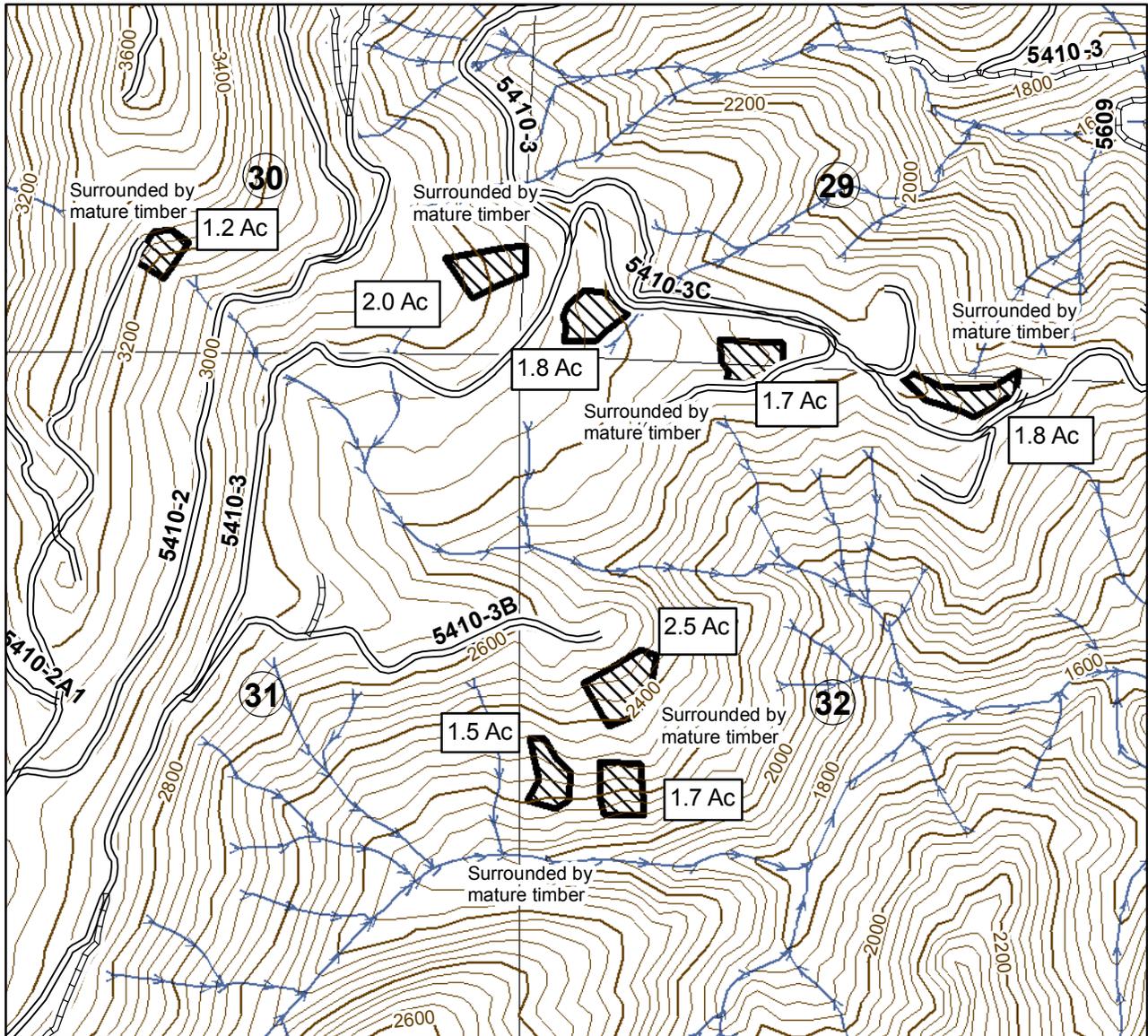
W.M.

Unit Name: Bear Creek VDT

Item Number: 2

Unit Number: 9

Approximate Scale 1" = 1000'



### Legend

-  Treatment Area
-  Streams
-  All-weather roads
-  Lakes and Ponds
-  Non-driveable
-  Wetlands
-  Recreation Trail
-  40 ft. Contours
-  Gates
-  Powerlines

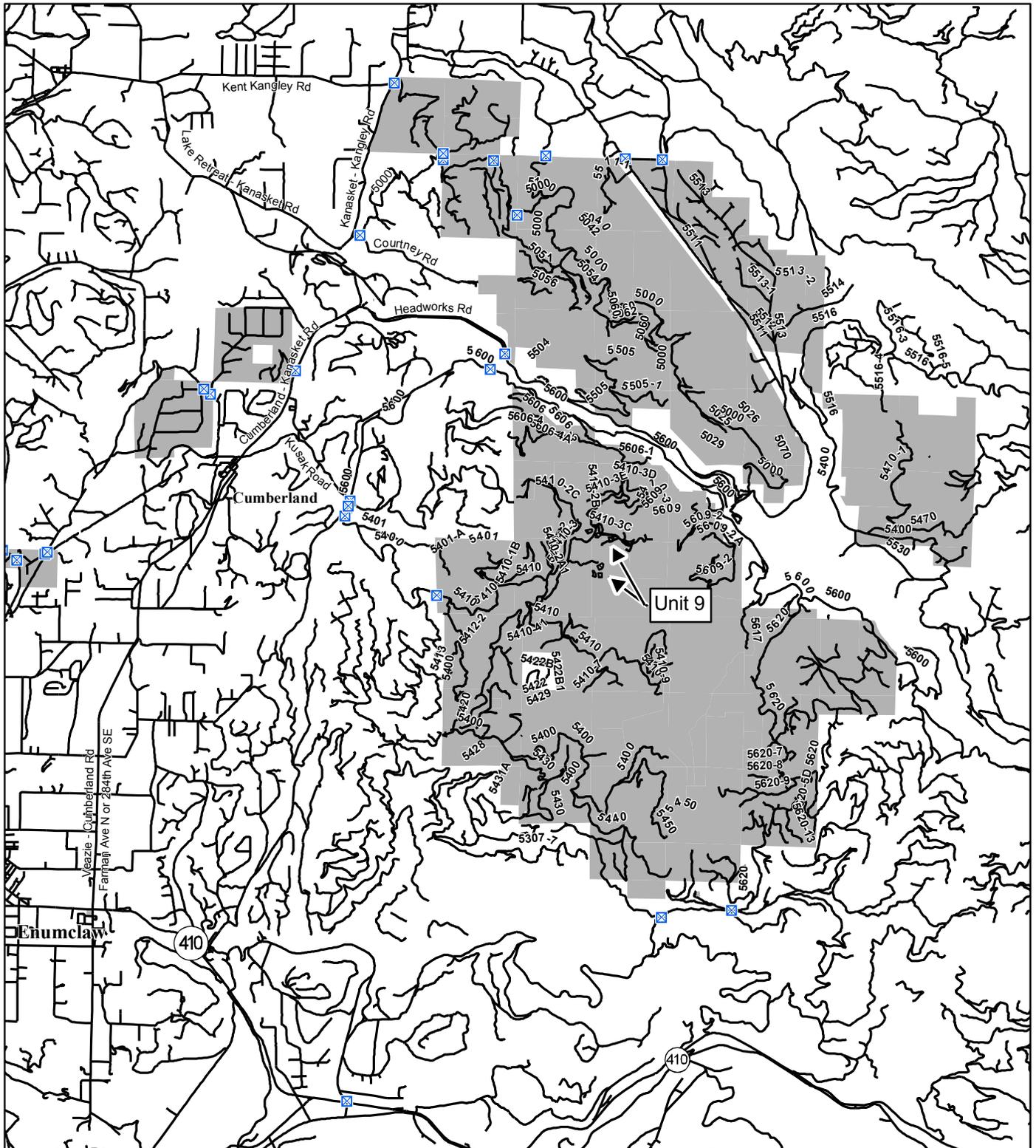


Vicinity Map, see page 70

# Vicinity Map

## Tree Planting

Invitation to Bid Number: 1228



### Legend

-  DNR Managed Lands
-  Gates
-  Treatment Area
-  All-weather roads



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1228**

Region: **South Puget Sound**

District: **SPS**

Local: **Elbe**

Unit Name: **Huff and Puff BD TS U1**

Item Number: **3**

Unit Number: **1**

Trust: **02**

Section **17** Township **15N**, Range **5E**, W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **360**

Planting Stock  
Species: **DF**

Contract  
Period: **Jan. 12 to March 31, 2009**

Type: **DF 1+1**

Net  
Acres: **3**

Minimum  
Crew Required: **7**

Boundaries: **The unit is bounded by mature timber on the North and West, 15 year old reprod on the East, and two year old reprod on the South. See unit map on page 72.**

Special Requirements: **Plant DF throughout the unit. Tighten spacing near slash piles and around unplatable areas to ensure the growing space is maximized. Please ensure all the trees allocated for this unit are planted on this unit!**

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

Elevation: **2260 - 2339 ft**      Slope: **1-26%** Aspect: **south to southwest**      Snow Period: **Dec. 1 to Feb. 28**

Slash: **High**      Duff: **Low**

Vegetation: **Moderate**      Soils: **Loam**

Access: **8 Road to the 9 road. Follow 9 rd to the 97 rd gate. 97 rd gate is locked with a 786 master lock. 97 rd enters the unit. Unit is approximately 5 miles from Ashford cooler.**

Trees/Acre  
To Plant: **360**

Minimum Spacing: **8' x 8'**  
Maximum Spacing: **10' x 10'**

Total  
Quantity: **1080**

Additional Comments: **Seedling allocation: DF = 1080 (360/Ac)**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound* Unit: *Elbe*

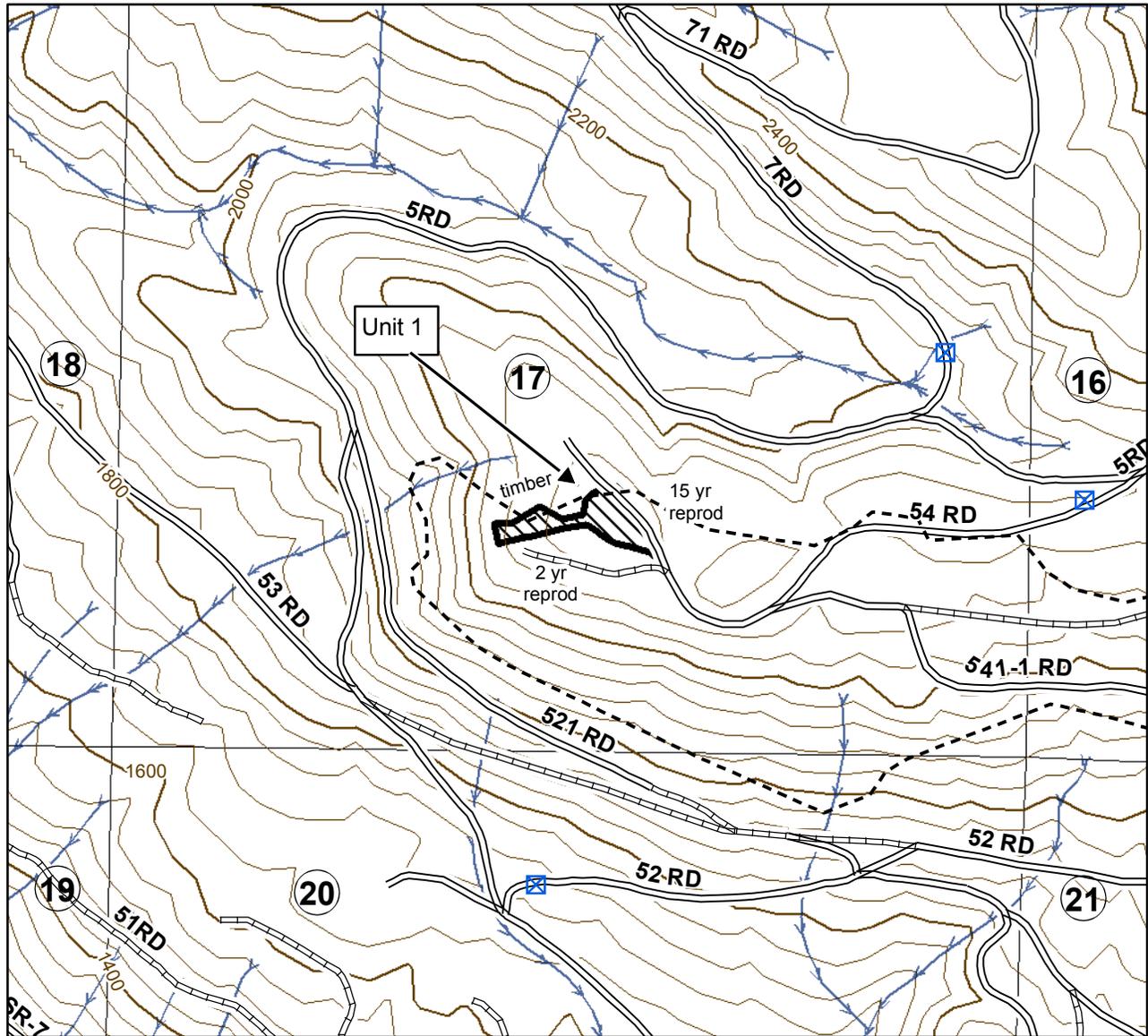
Trust: 02

County: *Pierce* Section: 17 Township: 15 North Range: 5 East W.M.

Unit Name: *Huff and Puff BD TS Unit 1* Item Number: 3

Unit Number: 1

Approximate Scale 1" = 1000'



### Legend

- |  |                   |   |                 |
|--|-------------------|---|-----------------|
|  | Treatment Area    |  | Streams         |
|  | All-weather roads |  | Lakes and Ponds |
|  | Non-driveable     |  | Wetlands        |
|  | Recreation Trail  |  | 40 ft. Contours |
|  | Gates             |  | Powerlines      |



Vicinity Map, see page 73



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1228**

Region: **South Puget Sound**

District: **SPS**

Local: **Elbe**

Unit Name: **Up Wind TS U2**

Item Number: **3**

Unit Number: **2**

Trust: **01, 06**

Section **9, 10, 15, 16**, Township **15N**, Range **5E**, W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **360**

Planting Stock  
Species: **DF, NF**

Contract

Period: **Jan. 12 to March 31, 2009**

Type: **DF 1+1, NF P+1**

Net

Acres: **50**

Minimum

Crew Required: **7**

Boundaries: **Up wind unit 2 is bounded by timber on to the northwest, the majority of the north boundary is against the Pick up Sticks BD unit. The west and south planting boundaries are bounded by the 62 rd which goes through the unit. The portion below the 62 rd has already been planted. See unit map on page 76.**

Special Requirements: **Plant DF and WRC throughout the unit. Tighten spacing near slash piles and around unplantable areas to ensure the growing space is maximized. Please ensure all the trees allocated for this unit are planted on this unit!**

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

Elevation: **2496 - 3133 ft**      Slope: **15-60%**      Aspect: **U2: S to W to NW**      Snow Period: **Dec. 1 to Feb. 28**

Slash: **High**

Duff: **Low to Moderate**

Vegetation: **Low**

Soils: **Gravelly Silt Loam**

Access: **5 Road; 5 Road to 6 Road to 62 Road. Gate at start of 5 Road locked with a CJ 30 lock. Gate at start of 6 Road locked with a 786 lock. 62 Road is drivable through the unit; haul road up from the 5 Road in Unit 2 has been abandoned and is not drivable. Unit is approximately 11 miles from Ashford cooler.**

Trees/Acre

Minimum Spacing: **8' x 8'**

Total

To Plant: **360**

Maximum Spacing: **10' x 10'**

Quantity: **18000**

Additional Comments: **Seedling allocation: DF = 15000 (300/Ac), NF=3000 (60/Ac).**

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1228**

Region: **South Puget Sound**

District: **SPS**

Local: **Elbe**

Unit Name: **Pick Up Sticks BD**

Item Number: **3**

Unit Number: **3** Trust: **01, 06**

Section **9, 10, 15**, Township **15N**, Range **5E**, W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **360**

Planting Stock  
Species: **DF, WRC**

Contract

Period: **Jan. 12 to March 31, 2009**

Type: **DF 1+1, WRC P+1**

Net

Acres: **9**

Minimum

Crew Required: **7**

Boundaries: **Pick Up Sticks BD is surrounded by standing timber on the North and East. The remainder of the unit is surrounded by a new clear cut. See unit map on page 76.**

Special Requirements: **Plant DF and WRC throughout the unit. Tighten spacing near slash piles and around unplantable areas to ensure the growing space is maximized. Please ensure all the trees allocated for this unit are planted on this unit!**

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

Elevation: **2885 - 3215 ft**    Slope: **0-39%**    Aspect: **South**    Snow Period: **Dec. 1 to Feb. 28**

Slash: **High**

Duff: **Low to Moderate**

Vegetation: **Low**

Soils: **Gravelly Silt Loam**

Access: **5 Road; 5 Road to 6 Road to 62 Road. Gate at start of 5 Road locked with a CJ 30 lock. Gate at start of 6 Road locked with a SPE4 lock. 62 road through new plantation will take you to unit. Unit is approximately 11 miles from Ashford cooler.**

Trees/Acre

To Plant: **360**

Minimum Spacing: **8' x 8'**

Maximum Spacing: **10' x 10'**

Total

Quantity: **3240**

Additional Comments: **Seedling allocation: DF = 2700 (300/Ac), WRC=540 (60/Ac).**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound*

Unit: *Elbe*

Trust: *01,06*

County: *Pierce*

Section: *9,10,15,16*

Township: *15 North*

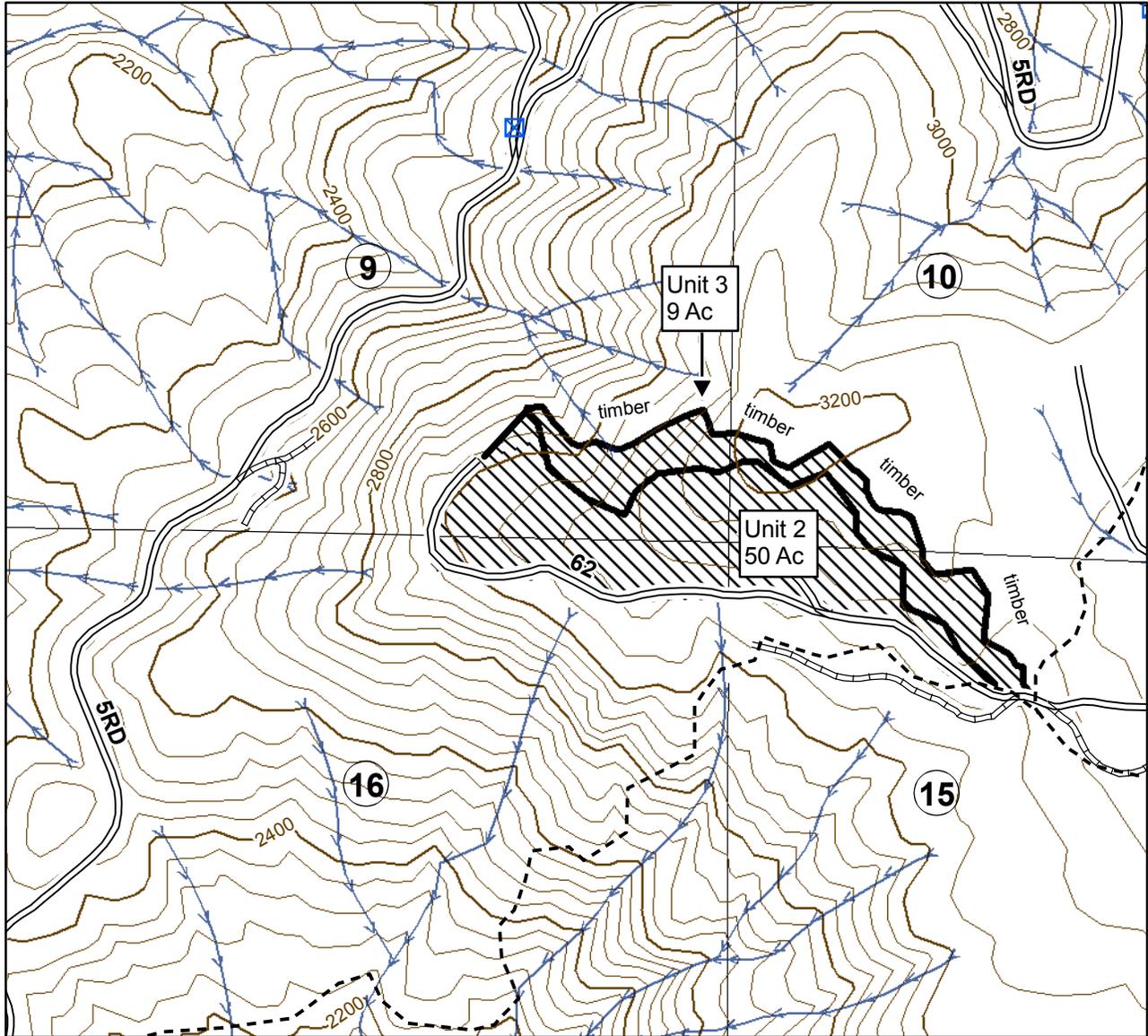
Range: *5 East*

W.M.

Unit Name: *Upwind TS U-2 & PickUp Sticks BD* Item Number: 3

Unit Number: 2 & 3

Approximate Scale 1" = 1000'



### Legend

- |  |   |
|--|---|
|  Treatment Area    |  Streams         |
|  All-weather roads |  Lakes and Ponds |
|  Non-driveable     |  Wetlands        |
|  Recreation Trail  |  40 ft. Contours |
|  Gates             |  Powerlines      |



Vicinity Map, see page 73

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1228**

Region: **South Puget Sound**

District: **SPS**

Local: **Elbe**

Unit Name: **Big Beaver TS U6**

Item Number: **3**

Unit Number: **4**

Trust: **01, 03**

Section **35, 36** Township **16N**, Range **5E**, W.M  
**1, 2** Township **15N**, Range **5E**, W.M.

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **360**

Planting Stock  
Species: **DF, WRC**

Contract  
Period: **Jan. 12 to March 31, 2009**

Type: **DF 1+1, WRC P+1**

Net  
Acres: **8**

Minimum  
Crew Required: **7**

Boundaries: **Big beaver unit 6 is surrounded by reprod to the north and portions of the south boundary, and mature timber on the east and west boundaries. The planting areas are small regeneration areas with in the large unit. See unit map on page 78.**

Special Requirements: **Plant DF and WRC throughout the unit. Tighten spacing near slash piles and around unplantable areas to ensure the growing space is maximized. Please ensure all the trees allocated for this unit are planted on this unit!**

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

Elevation: **2496 - 3133 ft**    Slope: **15-60%**    Aspect: **Southwest**    Snow Period: **Dec. 1 to Feb. 28**

Slash: **Low**    Duff: **Low**

Vegetation: **Moderate**    Soils: **Loam**

Access: **8 Road to the 9 road. Follow 9 rd to the 97 rd gate. 97 rd gates is locked with a 786 master. 97 rd enters the unit. Unit is approximately 5 miles from Ashford cooler.**

Trees/Acre  
To Plant: **360**    Minimum Spacing: **8' x 8'**    Total  
Maximum Spacing: **10' x 10'**    Quantity: **2880**

Additional Comments: **Seedling allocation: DF = 2400 (300/Ac), WRC=480 (60/Ac).**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound* Unit: *Elbe*

Trust: *01,03*

County: *Pierce* Section: *35,36*  
*1*

Township: *16 North*  
*15 North*

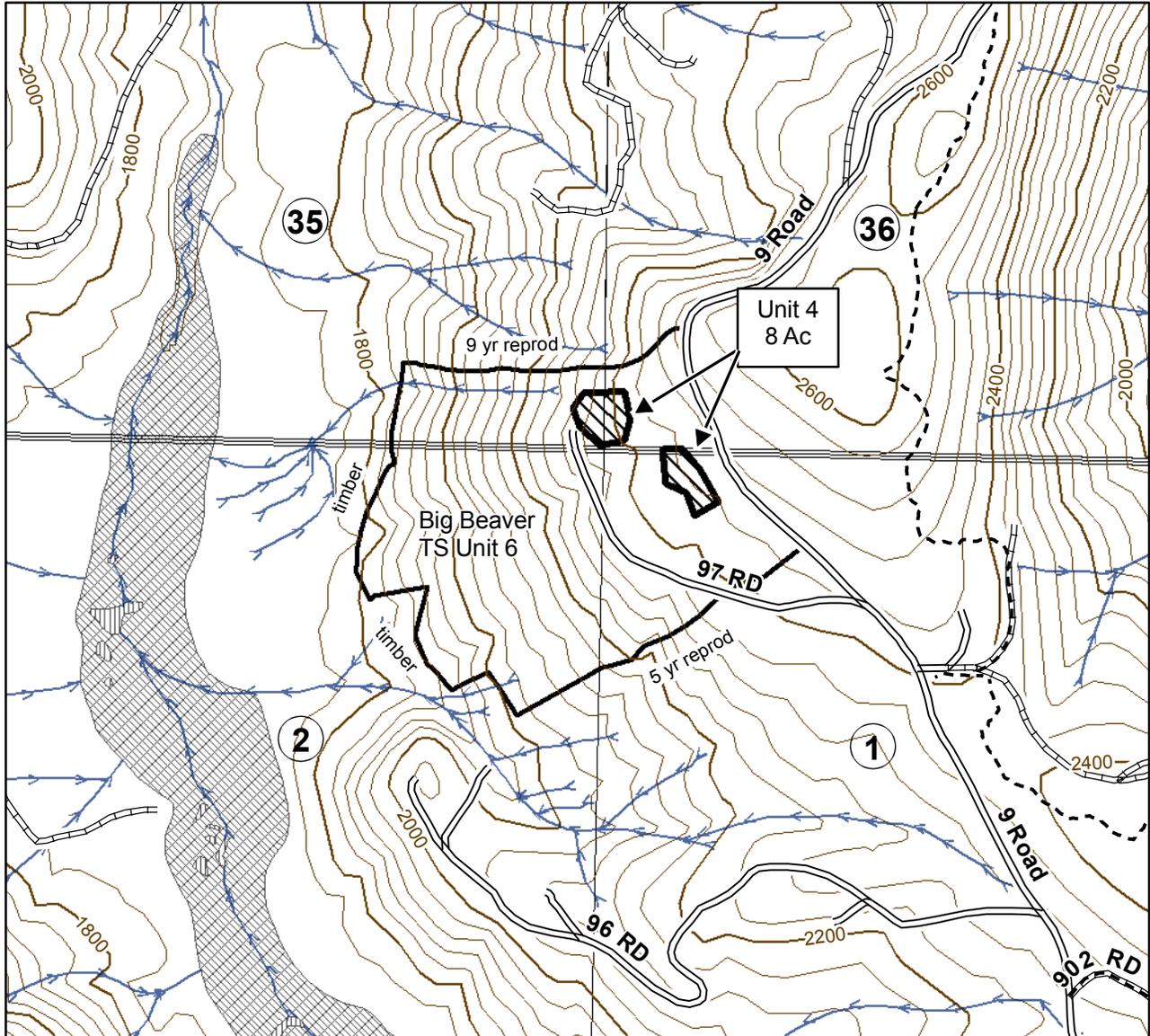
Range: *5 East* W.M.

Unit Name: *Big Beaver TS Unit 6*

Item Number: *3*

Unit Number: *4*

Approximate Scale 1" = 1000'



### Legend

- |                   |                 |
|-------------------|-----------------|
| Treatment Area    | Streams         |
| All-weather roads | Lakes and Ponds |
| Non-driveable     | Wetlands        |
| Recreation Trail  | 40 ft. Contours |
| Gates             | Powerlines      |



Vicinity Map, see page 73

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1228

Region: **South Puget Sound**

District: **SPS**

Local: **Elbe**

Unit Name: **The Big Kahuna TS U1 & U2**

Item Number: **3**

Unit Number: **5** Trust: **01, 03, 07**

Section **32**, Township **15N**, Range **6E**, W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **360**

Planting Stock

Species: **DF WRC**

Contract

Period: **Jan. 12 to March 31, 2009**

Type: **1+1 P+1**

Net

Acres: **41**

Minimum

Crew Required: **7**

**Boundaries: Units are surrounded by standing timber on all sides. 49 acres of unit 1 has already been planted. The remaining 26 acres will be planted with the majority of that being below the 11 road. The 15 acres in unit 2 are the only logged portions of the unit. The planting area in unit 2 is surrounded by standing timber. See unit map on page 80.**

**Special Requirements: Plant DF and WRC evenly mixed throughout the unit. Don't concentrate WRC. Tighten spacing near slash piles and around unplatable areas to ensure the growing space is maximized. Please ensure all the trees allocated for this unit are planted on this unit!**

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

Elevation: **1584 - 2607 ft**

Slope: **15-60%**

Aspect: **Northeast**

Snow Period: **Dec. 1 to Feb. 28**

Slash: **High**

Duff: **Light to moderate**

Vegetation: **Low**

Soils: **Loamy Sand**

**Access: Go through Ashford, turn right onto Kernahan Rd, follow to bend in road, turn right on Osburn Rd and take immediate left onto 85 Rd. Follow 85 rd for 2 miles, turn right onto gravel rd, Cat Creek rd. Follow across two bridges and stay on one rd to the 11 rd gate. 11 rd gate is locked with a CJ-8 lock. Follow 11 rd to both units. The unit is approximately 12 miles from the Ashford cooler.**

Trees/Acre

Minimum Spacing: **8' x 8'**

Total

To Plant: **360**

Maximum Spacing: **10' x 10'**

Quantity: **14760**

Additional Comments: **Seedling allocation: Unit 1-DF = 7800 (300/Ac), WRC = 1560 (60/Ac).**

**Unit 2-DF = 4500 (300/Ac), WRC = 900 (60/Ac).**

# Unit Map

## Tree Planting

Invitation to Bid Number: 1228

Region: *South Puget Sound* Unit: *Elbe*

Trust: *01,03,07*

County: *Lewis* Section: *32*

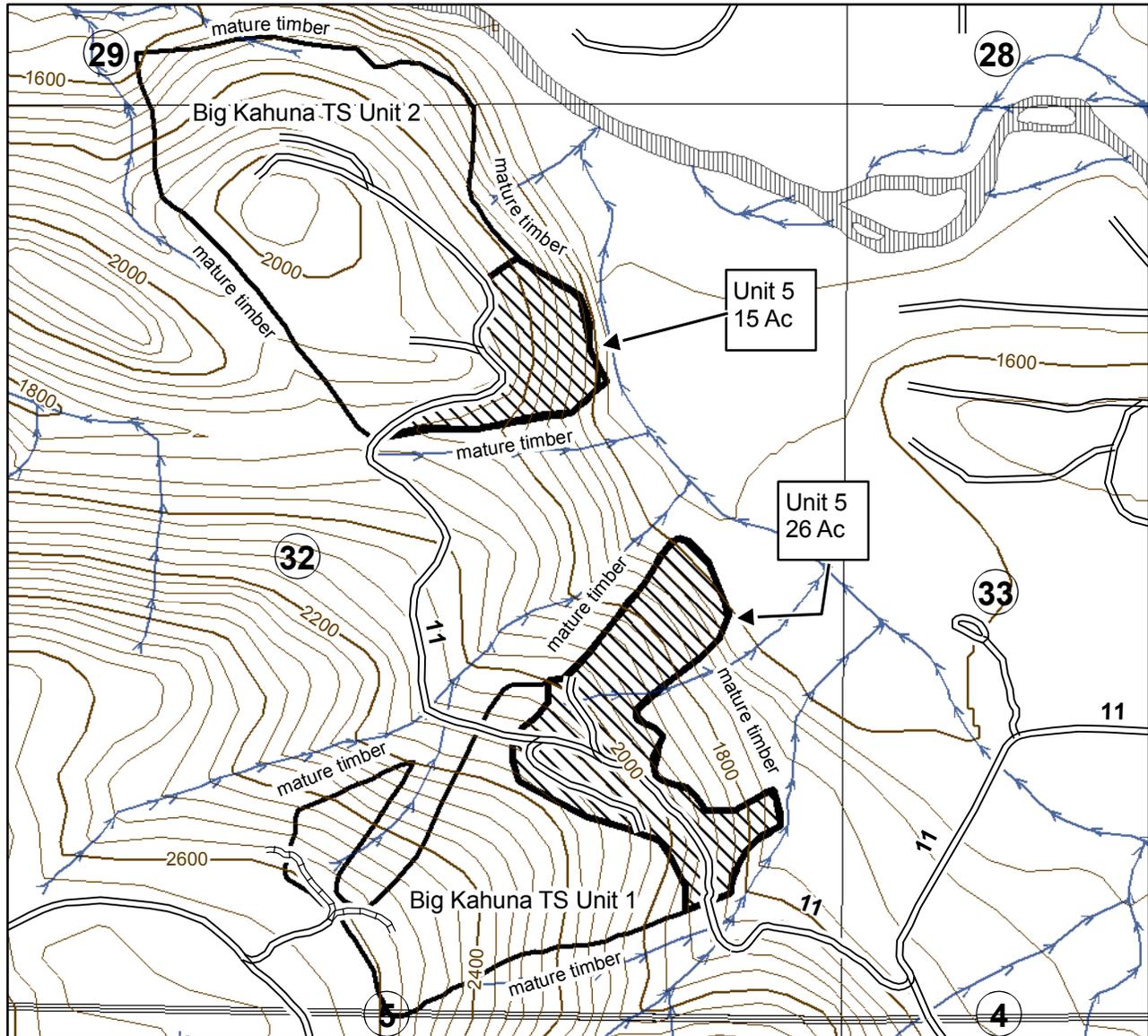
Township: *15 North* Range: *6 East* W.M.

Unit Name: *The Big Kahuna TS Units 1 & 2*

Item Number: *3*

Unit Number: *5*

Approximate Scale 1" = 1000'



### Legend

- |                   |                 |
|-------------------|-----------------|
| Treatment Area    | Streams         |
| All-weather roads | Lakes and Ponds |
| Non-driveable     | Wetlands        |
| Recreation Trail  | 40 ft. Contours |
| Gates             | Powerlines      |



Vicinity Map, see page 73

**SECTION IV  
BID FORM**

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1228**

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

At the following rates, the undersigned hereby offers and agrees to furnish materials, equipment, supplies, supervision, and services in compliance with all terms, conditions and specifications of Invitation to Bid/Contract Number **1228**.

Item No.	Unit No.	Acres <sup>1</sup>	Unit Bid Price (Per Acre)	Unit Total <sup>2</sup>
1	1	76	\$ _____/Ac	\$ _____
	2	140	\$ _____/Ac	\$ _____
	3	80	\$ _____/Ac	\$ _____
	4	195	\$ _____/Ac	\$ _____
	5	142	\$ _____/Ac	\$ _____
	6	99	\$ _____/Ac	\$ _____
	7	176	\$ _____/Ac	\$ _____
	8	157	\$ _____/Ac	\$ _____
1		1065	<b>Total Item Bid</b>	\$ _____
2	1	95	\$ _____/Ac	\$ _____
	2	8	\$ _____/Ac	\$ _____
	3	12	\$ _____/Ac	\$ _____
	4	4	\$ _____/Ac	\$ _____
	5	9	\$ _____/Ac	\$ _____
	6	34	\$ _____/Ac	\$ _____
	7	94	\$ _____/Ac	\$ _____
	8	83	\$ _____/Ac	\$ _____
	9	14	\$ _____/Ac	\$ _____
2		353	<b>Total Item Bid</b>	\$ _____

Item No.	Unit No.	Acres <sup>1</sup>	Unit Bid Price	
			(Per Acre)	Unit Total <sup>2</sup>
3	1	3	\$ _____/Ac	\$ _____
	2	50	\$ _____/Ac	\$ _____
	3	9	\$ _____/Ac	\$ _____
	4	8	\$ _____/Ac	\$ _____
	5	41	\$ _____/Ac	\$ _____
3		111	\$ _____/Ac	\$ _____

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

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

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

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

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

Note:

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

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

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

**SECTION IV  
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Title \_\_\_\_\_ Phone \_\_\_\_\_

Note:

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

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



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