



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

South Puget Sound Region

INVITATION TO BID

Contract Number 1255

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

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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 1:00 PM on December 15, 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 Mark Thibo at 1 360-802-7015.

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:

Department of Natural Resources
South Puget Sound Region
Attn: Mark Thibo
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: Department of Natural Resources
South Puget Sound Region
Attn: Mark Thibo
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. 1255

Questions concerning this Invitation to Bid/Contract should be referred to Department Representative Mark Thibo of the South Puget Sound Region office by calling 1 360-802-7015.

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 (32^{EF}) or greater than 65 degrees F (65^{EF}), 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 1255

Region: **South Puget Sound** District: **Belfair** Local: **Tahuya**
 Unit Name: **Howelling Hurd** Item Number: **1** Unit Number: **1** Trust: **01**

Section: **4, 5, 6**, Township: **22N**, Range: **2W**, W.M
 Section: **32, 33**, Township: **23N**, Range: **2W**, W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting: 302	Planting Stock		
	Species:	DF	WRC
Contract	Type:	P+0	P+1
Period: January 4 – March 19, 2010	6 acre unit	P+0	
Net	Minimum		
Acres: 146	Seedling Distance: 8 Feet	Minimum	
		Crew Required: 8	

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

Special Requirements: **The 60 acre unit has a root rot pocket approximately 1 acre at the end of spur 6 and marked with pink flagging. This will be planted with WRC at 12' x12', 302/acre. The 52 acre unit starting on the south boundary, west of the H-1000 road, plant WRC 60 feet wide and ending at reprod. on western boundary (approximately 2 acres). Starting on the north boundary, plant WRC along both sides of Type 5 stream (approximately 5 acres). The 6 acres plant DF 50 feet wide from center line of abandoned spurs (approximately 2 acres) and west of the H-1100 road (approximately 4 acres).**

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: **262 – 436 ft** Slope: **flat to rolling** Aspect: **south, south east** Snow Period: **January/February**
 Slash: **Approximately 60% is 2 feet deep and 40% is 1 foot deep.** Duff: **less than 6 inches**
 Vegetation: **Moderate amounts of salal, huckleberry and rhododendron.** Soils: **Rocky, difficult planting.**

Access: **From Belfair, travel 3 miles on SR 300 and turn right onto Belfair Tahuya Road. Travel 2.0 miles on Belfair Tahuya and turn left onto H-1000 Road (Hurd Road). Travel 1.2 miles on H-1000 Road to units 3 & 5. Units 1 & 2 – from the H-1000 and Belfair Tahuya Road travel 4.0 miles on Belfair Tahuya Road to units. Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Dave Denis (253.381.2015) for information on obtaining a key.**

Trees/Acre		DF = 37,930 / WRC = 6,162
To Plant: 302	Spacing: 12' x 12'	Total Quantity: 44,092

Additional Comments: **Tree trailer will be located at the Belfair Work Center at 3430 NE Sand Hill Road, Belfair.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Belfair*

Trust: 1

County: *Mason*

Section: 5,6
31,32

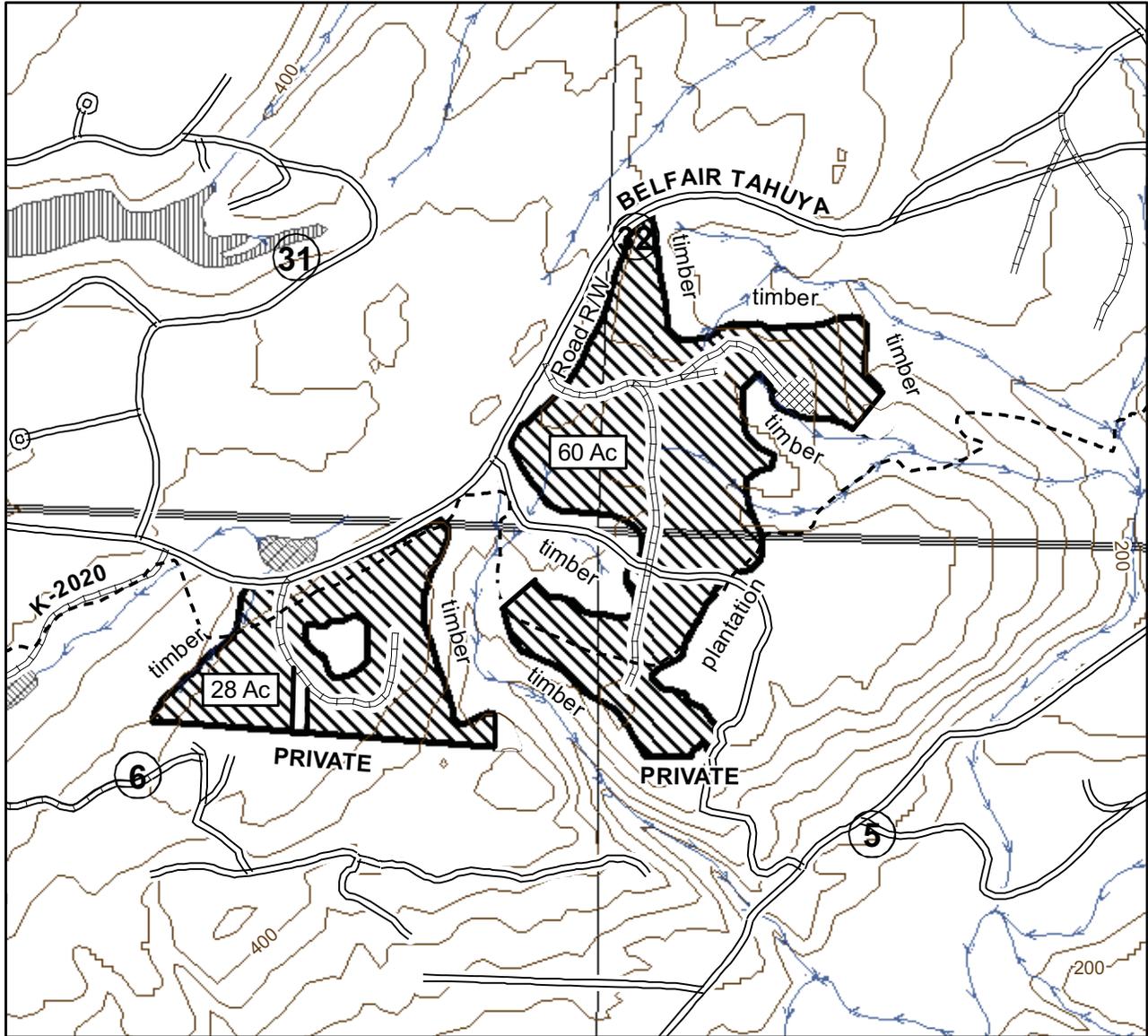
Township: 23 North
22 North

Range: 2 West W.M.

Unit Name: *Howelling Hurd Units 1 & 2* 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 |  Plant 100% Red Cedar |

Vicinity Map, see page 24

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Belfair*

Trust: 1

County: *Mason*

Section: 33

Township: 23 North
22 North

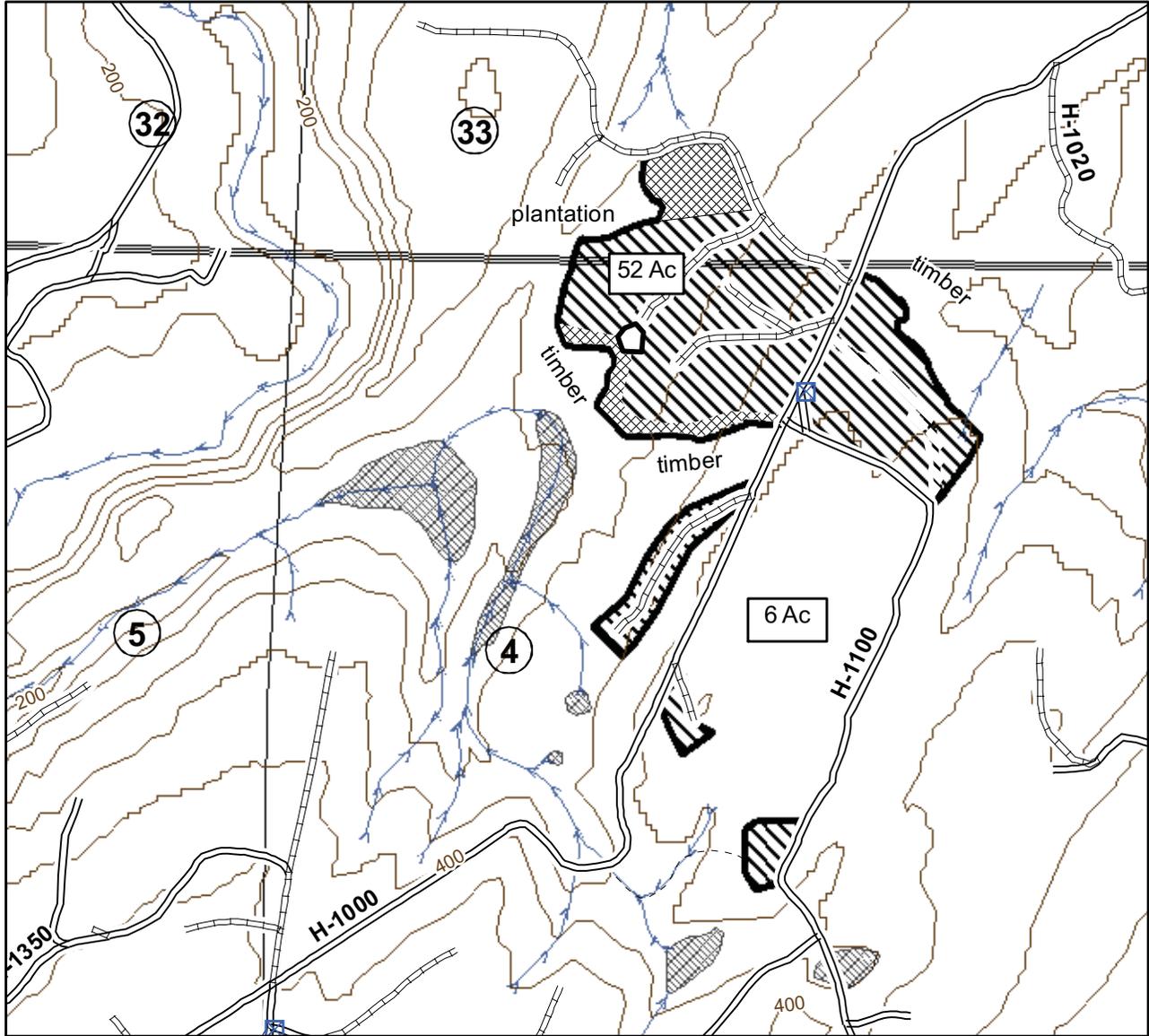
Range: 2 West W.M.

Unit Name: *Howelling Hurd Unit 3*

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 |  Plant Red cedar |



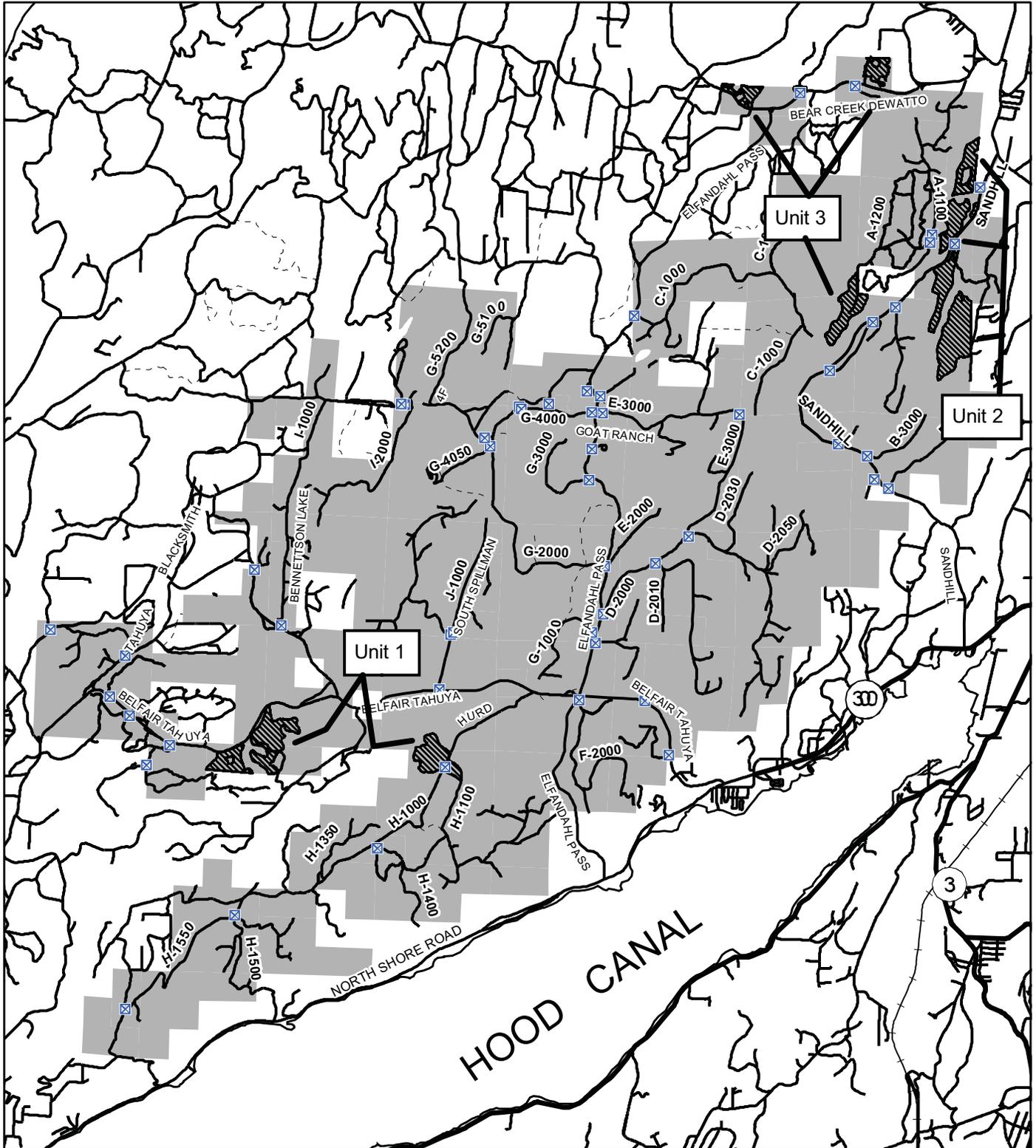
Vicinity Map, see page 24

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Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



Legend

-  Treatment Area
-  DNR Managed Lands
-  Gates



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound** District: **Belfair** Local: **Tahuya**

Unit Name: **Lanky** Item Number: **1** Unit Number: **2** Trust: **01**

Sections: **6, 7, 8 and 18** Township: **23N**, Range: **1W**, W.M.

SPECIFICATIONS

Seedlings Required Per Acre After Planting: 302	Planting Stock	
	Species: DF	WWP
Contract	Type: P+0	P+1
Period: January 4 – March 19, 2010		
Net Acres: 195	Minimum Seedling Distance: 8 feet	Minimum Crew Required: 8

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

Special Requirements: **All units will be planted by evenly distributing 252 Douglas fir and 50 western white pine per acre using a 5:1 ratio except the 40 acre unit which will be 262 Douglas fir and 40 western white pine per acre using a 6:1 ratio.**

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: **338 - 527 feet** Slope: **0 - 40%** Aspect: **All** Snow Period: **January/February**

Slash: **10% over 2 feet, 90% light to moderate.** Duff: **3 inches or less.**

Vegetation: **Moderate salal and huckleberry, occasionally heavy in places.** Soils: **Rocky, difficult planting.**

Access: **From Belfair travel 3.2 miles on Old Belfair Highway, turn left on Bear Creek-Dewatto Road. Travel 2.3 miles, turn left on Sandhill Road.**

31 acre unit travel about 0.3 mile to yellow gate on right.

2nd 31 acre unit north end: continue past yellow gate 0.15 mile to Spur 4 (abandoned), park on other side of Sandhill Road then walk abandoned road down across creek to unit. South end: continue past yellow gate 0.7 mile, turn right on Mission Wood Drive (M-1000). Unit 2 is on both sides of road.

3 acre unit travel 0.15 mile past yellow gate to Spur 4 (abandoned). Park on other side of Sandhill Road.

40 acre unit go through blue gate (M-2000) across from Mission Wood Drive. Unit begins just inside gate.

90 acre unit continue past 40 acre unit on the M-2000 Road to the M-1300 Road. Turn right on the M-1300, travel about 0.25 mile, turn right onto Spur 9. 90 acre unit begins about 400 feet from the M-1300 Road.

All or sections of spurs have been abandoned. No clearing or ATV's will be allowed on any abandoned roads.

Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Dave Denis (253.381.2015) for information on obtaining a key.

Trees/Acre To Plant: 302	Spacing: 12' x 12'	DF = 51,240 / WWP = 7,650 Total Quantity: 58,890
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Additional Comments: **Tree trailer will be located at the Belfair Work Center at 3430 NE Sand Hill Road, Belfair.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Belfair*

Trust: 1

County: *Mason*

Section: 6,7,8

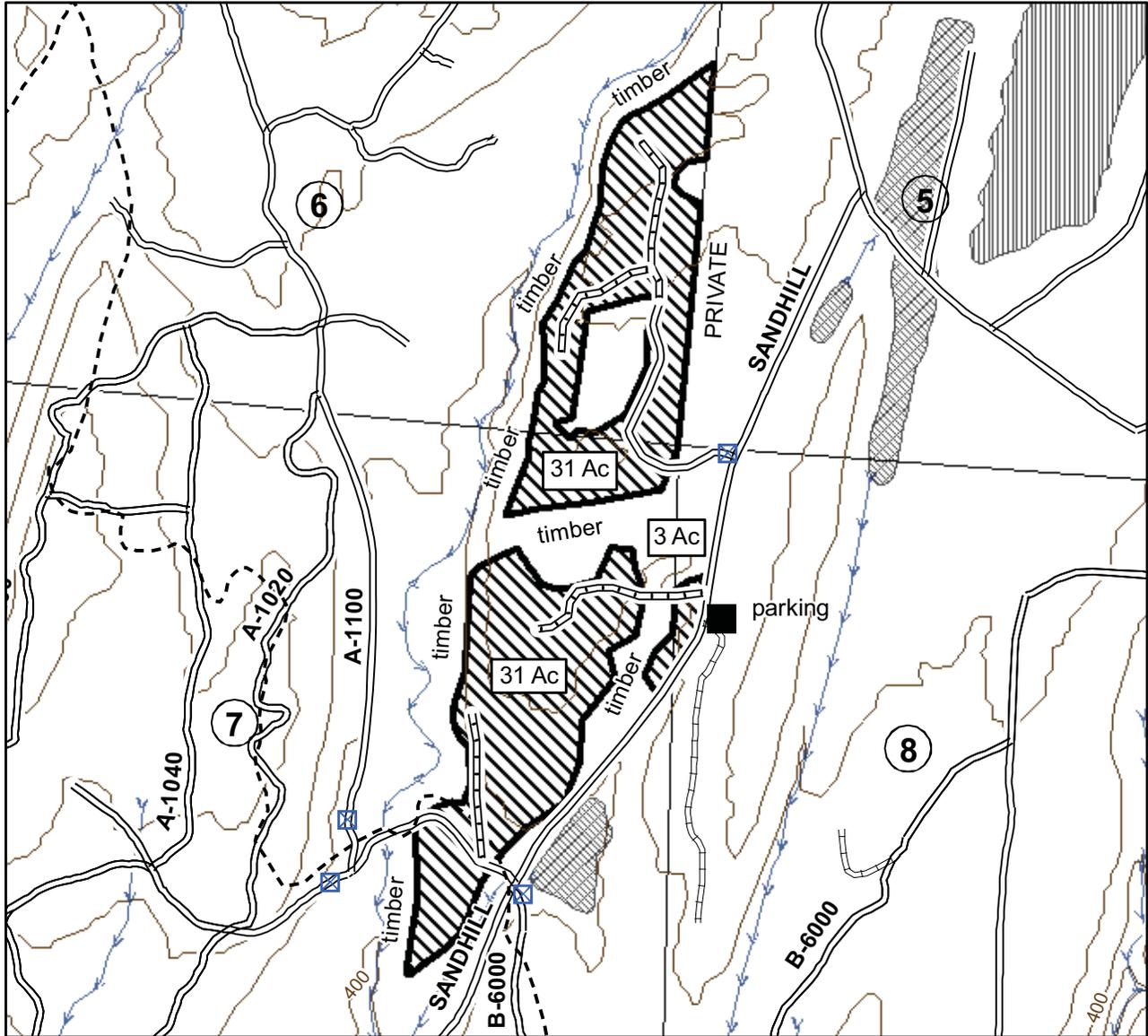
Township: *23 North* Range: *1 West* W.M.

Unit Name: *Lanky Sorts Unit 1,2,3*

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



Vicinity Map, see page 24

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Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Belfair*

Trust: 1

County: *Mason*

Section: 7,17,18

Township: 23 North

Range: 1 West

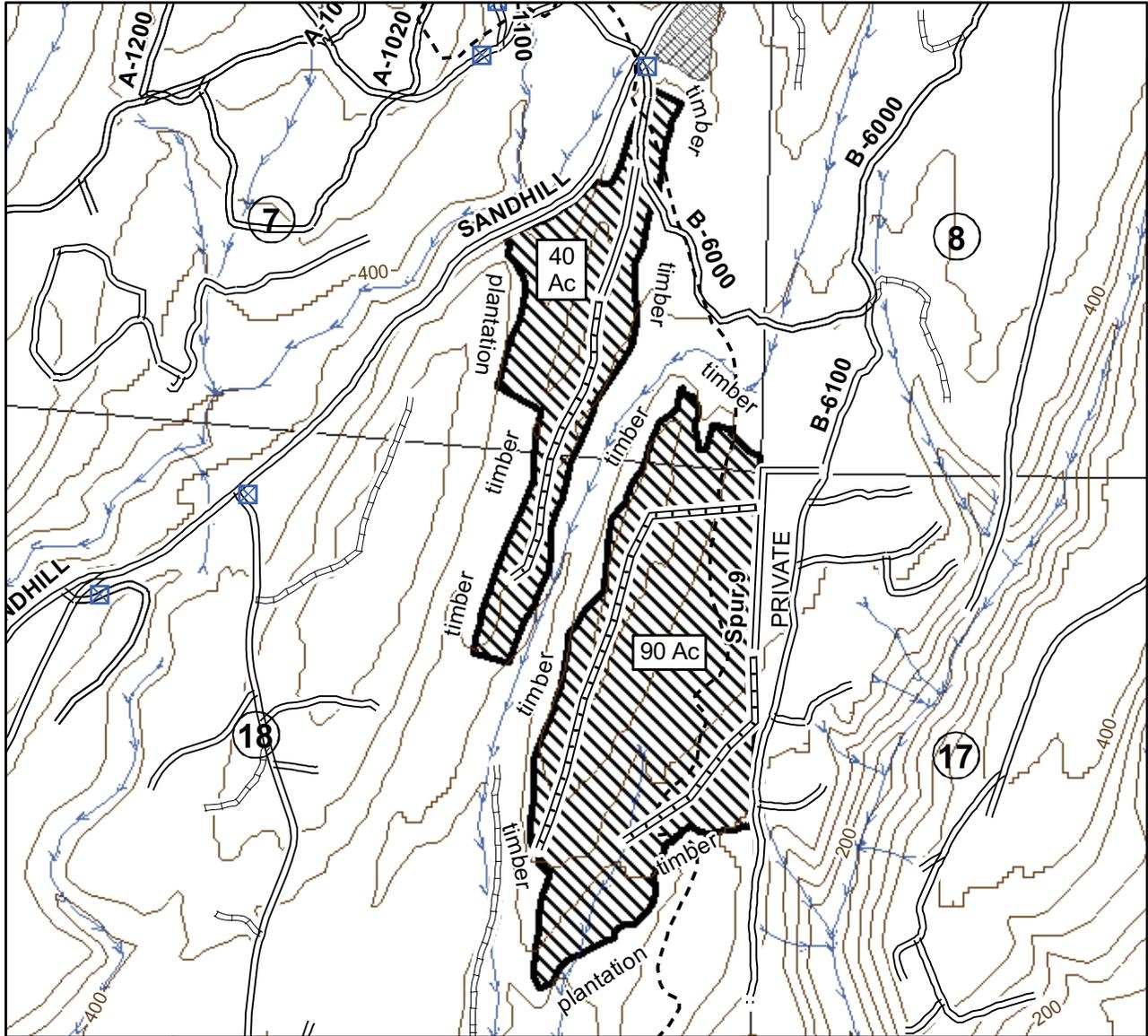
W.M.

Unit Name: *Lanky Sorts Unit 4 & 5*

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



Vicinity Map, see page 24

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SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound** District: **Belfair** Local: **Tahuya**

Unit Name: **Mission Bearable** Item Number: **1** Unit Number: **3** Trust: **01**

Section **1, 2, 12, 13, 18** Township **23** Range **02W**, W.M.

Section **6** Township **23** Range **01W**, W.M.

SPECIFICATIONS

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

Planting Stock
Species: **DF WRC**

Contract
Period: **January 4 – March 19, 2010**

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

Net Minimum
Acres: **82** Seedling Distance: **8 Feet**

Minimum
Crew Required: **8**

Boundaries: See unit map on pages **29 & 30**.

Special Requirements: **All units will be planted by evenly distributing 252 Douglas fir and 50 western red cedar per acre using a 5:1 ratio.**

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: **365 - 491 ft** Slope: **0 - 44%** Aspect: **Flat, southwest** Snow Period: **January/February**

Slash: **0-2 ft** Duff: **0-6 inches**

Vegetation: **Some brushy areas with evergreen huckleberry and salal.** Soils: **Rocky, difficult planting.**

Access: **The 43 acre unit; from Mission Creek work center follow Sandhill road north 1 mile to the M-1000 road (Mission Wood Drive) turn left and follow through gate #129 to unit. The three units of the Bear Creek/Dewatto road; from Mission Creek work center, follow Sandhill road north 1.8 miles to the Bear Creek/Dewatto road, turn left and follow 1.8 miles to the 20 acre unit, (abandoned road on right). The 3 acre unit; follow the Bear Creek/Dewatto road past 1st unit for .8 mile to yellow gate on right. The 16 acre unit; follow the Bear Creek/Dewatto road past 2nd unit for .4 miles to unit on the right (abandoned road on right). Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Dave Denis (253.381.2015) for information on obtaining a key.**

Trees/Acre
To Plant: **302 TPA** Spacing: **12' x 12'** DF = 20,664 / WRC = 4,100
Total Quantity: **24,764**

Additional Comments: **Tree trailer will be located at the Belfair Work Center at 3430 NE Sand Hill Road, Belfair.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Belfair*

Trust: 1

County: *Mason*

Section: 12,13
16

Township: *23 North* Range: 2 West
1 West

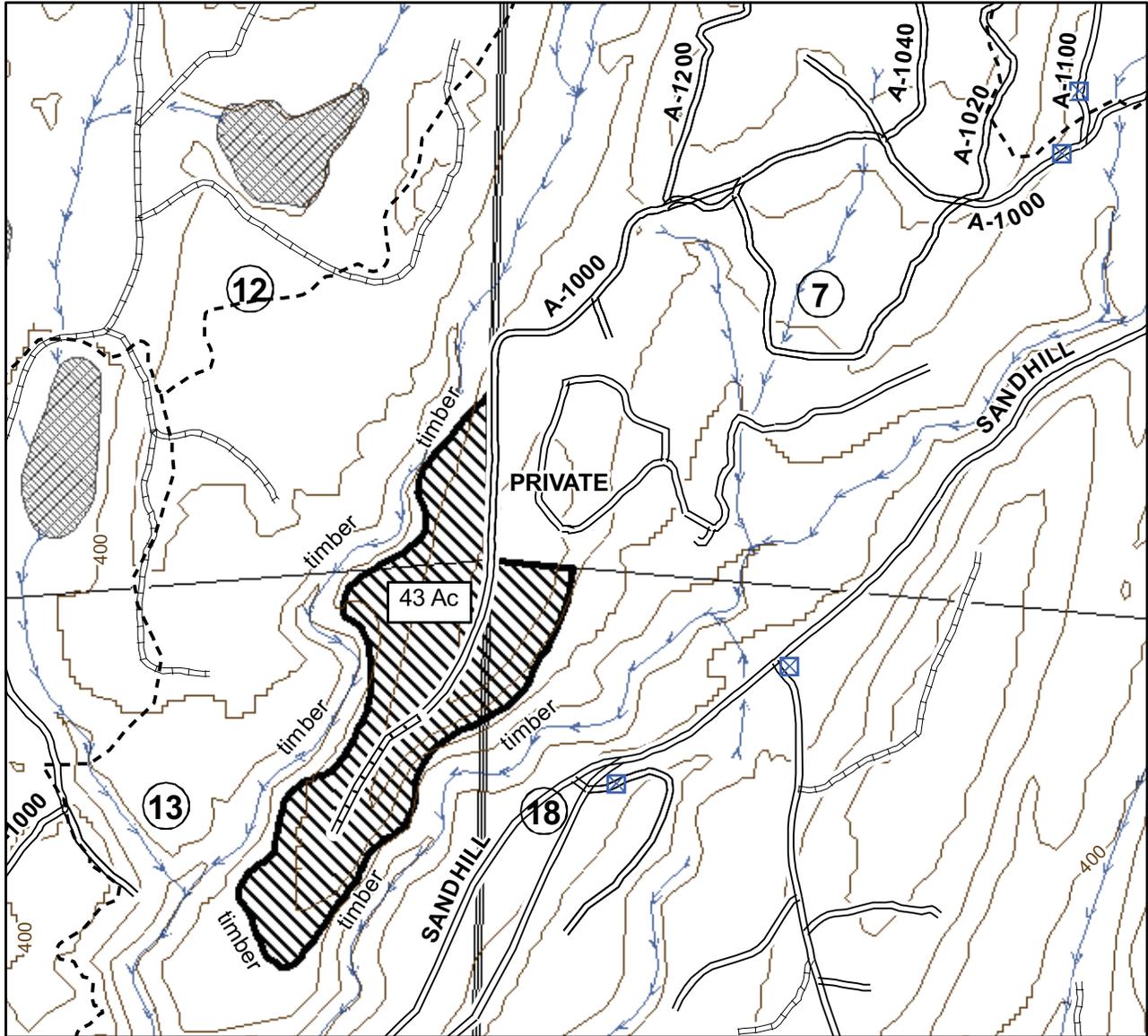
W.M.

Unit Name: *Mission Bearable Unit 1*

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



Vicinity Map, see page 24

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Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Belfair*

Trust: 4,6,7

County: *Mason*

Section: 1,2
6

Township: *23 North*

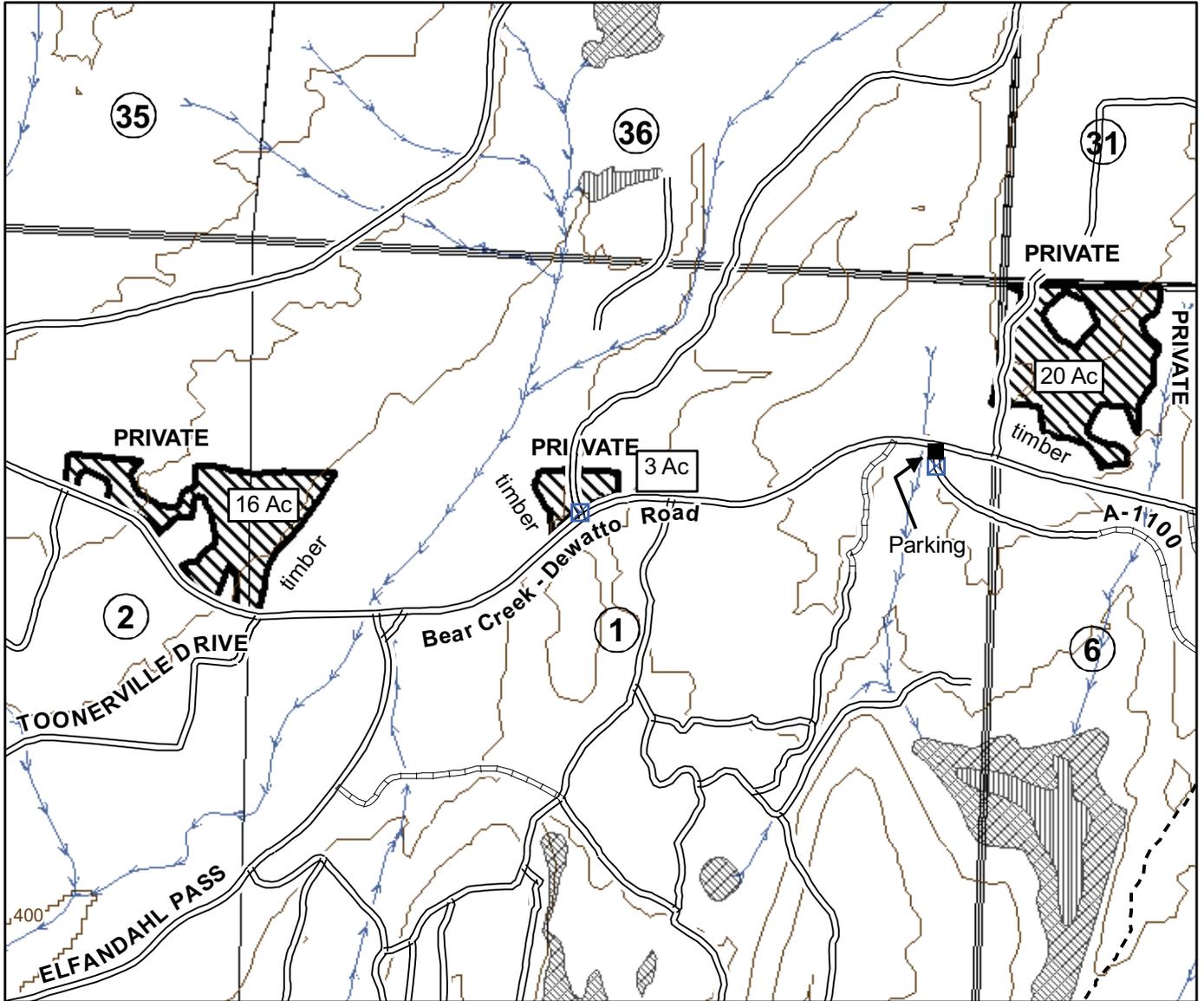
Range: 2 West
1 West

W.M.

Unit Name: *Mission Bearable Units 2,3,4* 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



Vicinity Map, see page 24

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SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound** District: **Belfair** Local: **Green Mtn.**
Unit Name: **Simon Sorts** Item Number: **1** Unit Number: **4** Trusts: **01, 03**

Sections **9, 16** Township **24N**, Range **1W**, W.M.
Section **16**, Township **26N**, Range **1E**, W.M.

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **302** Planting Stock:
Species: **DF WRC**
Contract
Period: **January 4 – March 19, 2010** Type: **P+0 P+1**
Net Acres: **128** Minimum Seedling Distance: **8 feet** Minimum Crew Required: **8**

Boundaries: **See unit map on pages 32 & 34.**

Special Requirements: **units will be planted by evenly distributing 252 Douglas fir and 50 western red cedar per acre using a 5:1 ratio.**

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

Elevation: **287 - 1196 feet** Slope: **0 - 50%** Aspect: **All** Snow Period: **January/February**

Slash: **10% over 2 feet, 90% light to moderate.** Duff: **3 inches or less.**

Vegetation: **Light to moderate salal and huckleberry. planting.** Soils: **Shallow and rocky, difficult**

Access: **90 acre unit; from Belfair travel 3.3 miles on Old Belfair Highway, turn left onto Bear-Creek Dewatto Road. Travel 3.1 miles, turn right onto Gold Creek Road. Travel 4.5 miles, stay right onto Tahuyeh Lake Road. Travel 0.4 mile, turn right onto GM-1 Road. Travel 1.3 miles to the beginning of unit. Do not block roads at any time.**

Other 3 units; from the SR3/Finn Hill Road intersection turn left and travel 0.3 mile on Finn Hill Road, turn left onto Rude Road. Travel 0.3 mile, turn left onto the PB-1 Road (this is a gravel road with houses along it) then travel 0.6 mile to the beginning of 1st unit. Continue south on the PB-1 Road until the road is blocked. Park here to access next two units, you must walk in from here. No ATV's or clearing of abandoned roads allowed. Do not block driveways or roads at any time.

Contact Dave Denis (253.381.2015) for information on obtaining a key.

Trees/Acre To Plant: **302** Spacing: **12' x 12'** DF = 32,256 / WRC = 6,400
Total Quantity: **38,656**

Additional Comments: **Tree trailer will be located at the Belfair Work Center at 3430 NE Sand Hill Road, Belfair.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Belfair*

Trust: 1,3

County: *Kitsap*

Section: 9,16

Township: 25 North

Range: 1 West

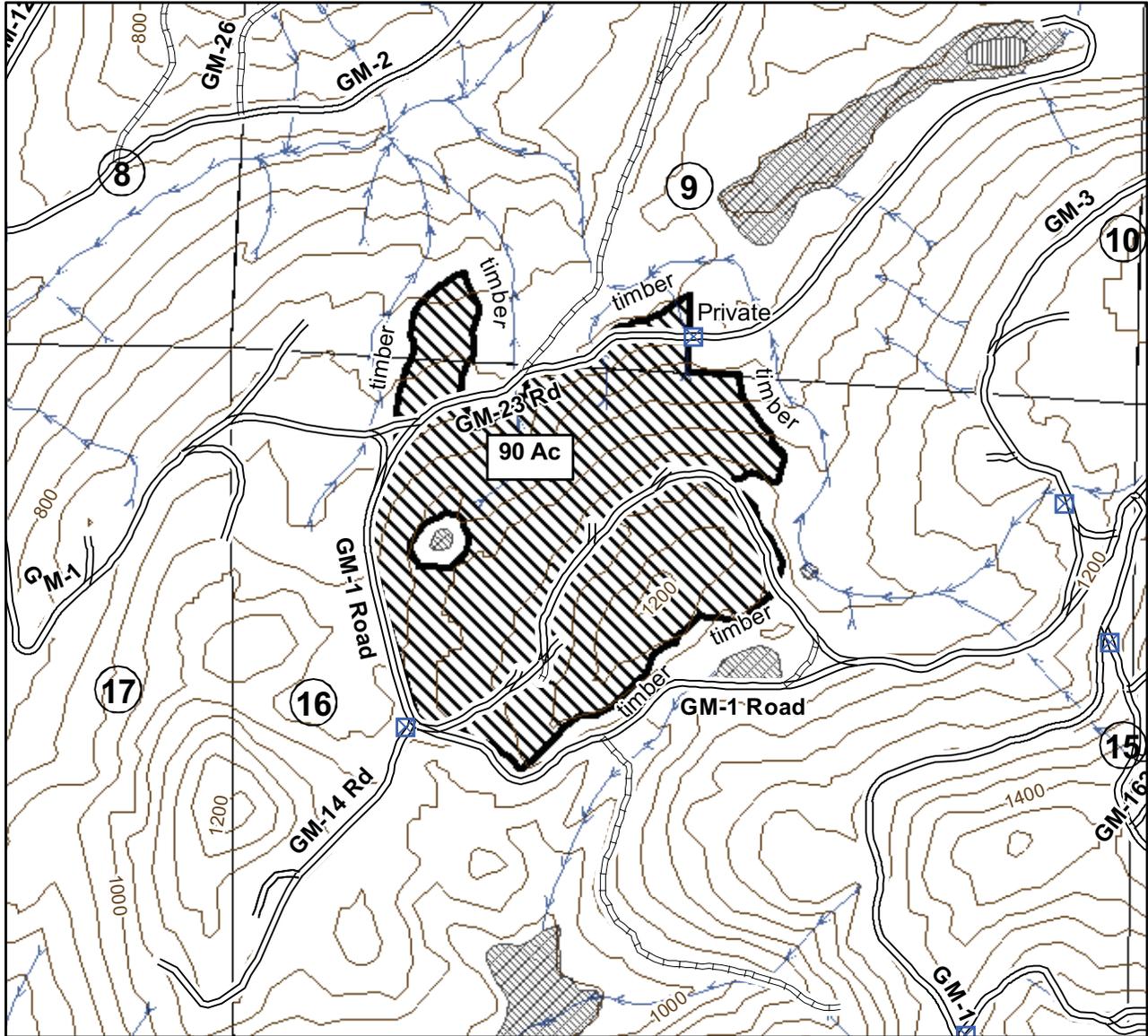
W.M.

Unit Name: *Simon Sorts U1*

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



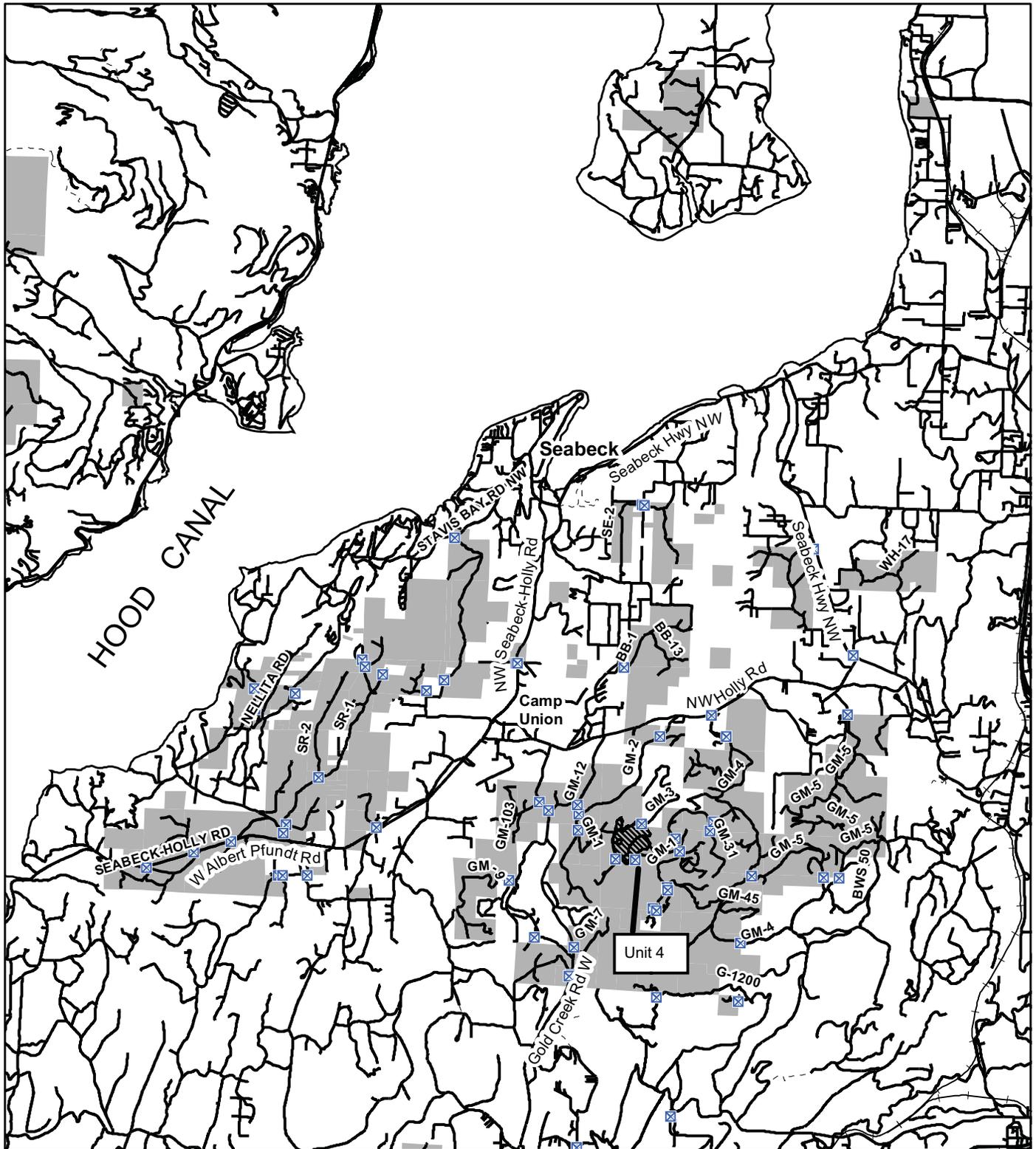
Vicinity Map, see page 33

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



Legend

-  Gates
-  DNR Managed Lands
-  Treatment Area



Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound* Unit: *Belfair*

Trust: 3

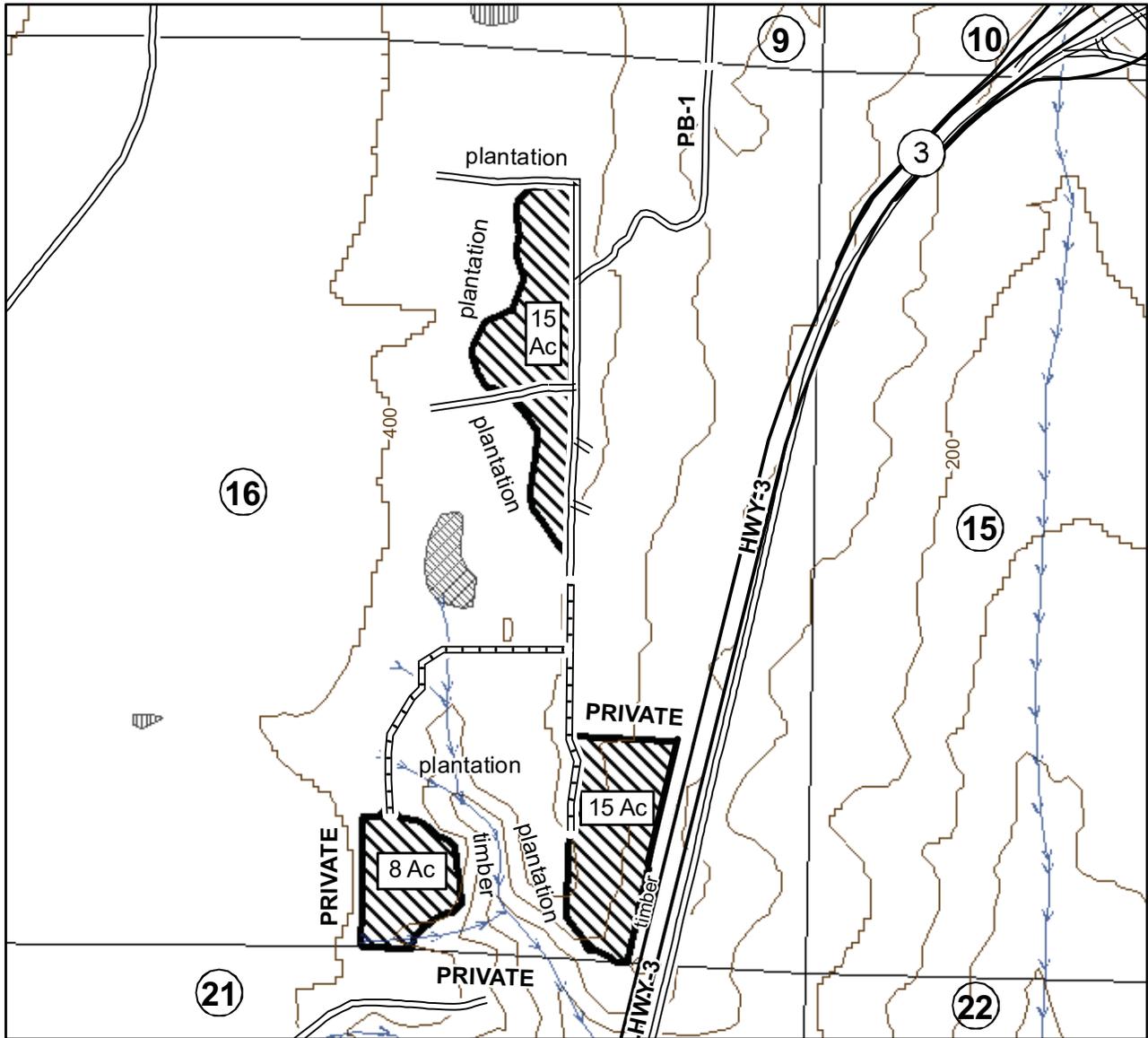
County: *Kitsap* Section: 16

Township: *26 North* Range: *1 East* W.M.

Unit Name: *Simon Sorts Unit 2,3,4* 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

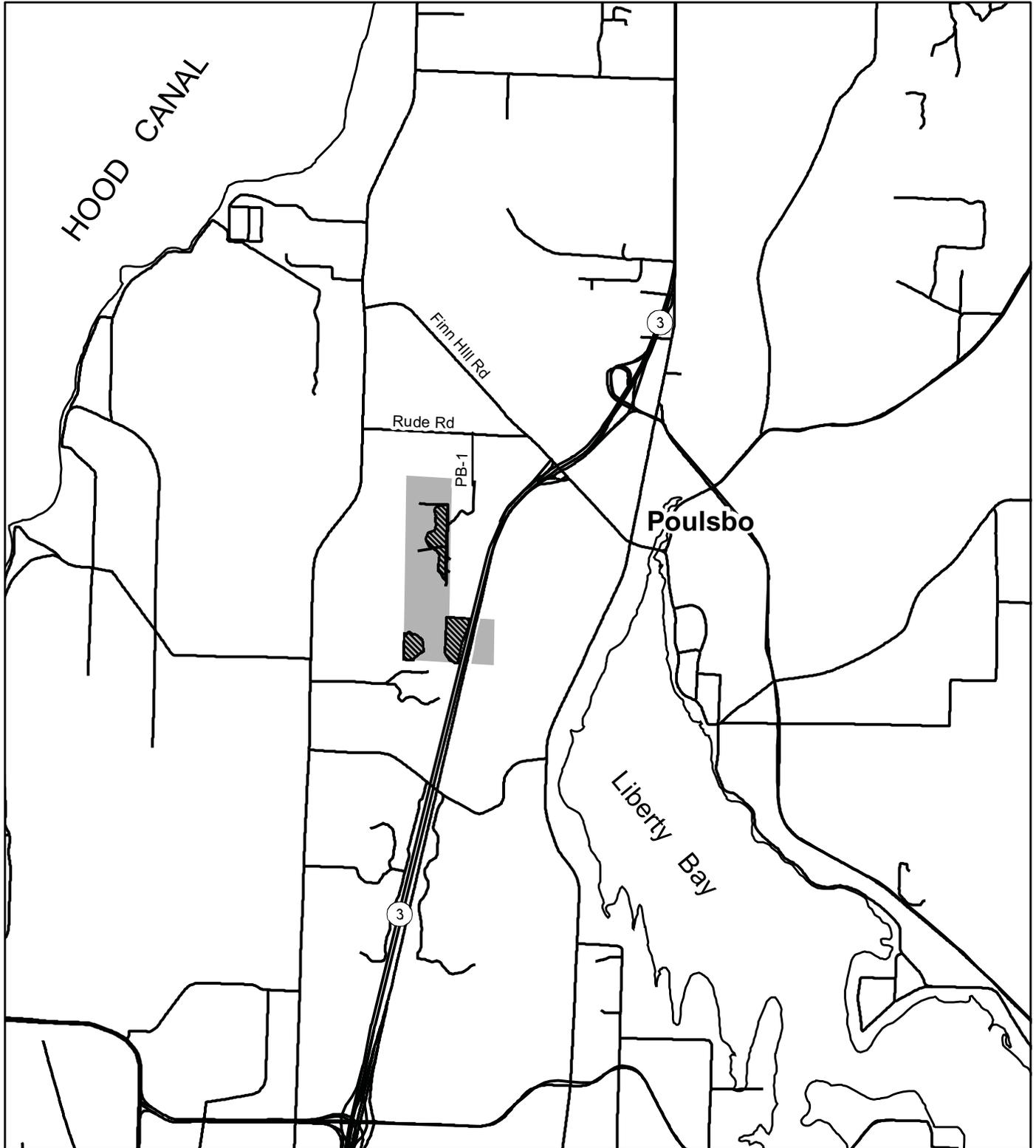
Vicinity Map, see page 35

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



Legend

-  Gates
-  DNR Managed Lands
-  Treatment Area



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound** District: **Hood Canal** Local: **Hoodspout**

Unit Name: **R&R** Item Number: **1** Unit Number: **5** Trust: **03**

Section **25** Township **22N** Range **02W** W.M.

SPECIFICATIONS

Seedlings Required Per Acre After Planting: 300	Planting Stock Species: WWP
Contract Period: January 4 – March 19, 2010	Type: P+1
Net Acres: 5	Minimum Seedling Distance: 8 Feet
	Minimum Crew Required: 8

Boundaries: **See unit map on page 37. The planting location will be flagged.**

Special Requirements: **This unit was planted in 1997 but had poor survival in this location due to heavy browse. There are very few trees. Plant these 5 acres as though no trees exist. Plant western white pine at 12’ x 12’ spacing. The grass needs to be scalped at 12” x 12”.**

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: **50 - 800 ft** Slope: **Flat.** Aspect: **Flat.**

Snow Period: **January 1 – March 15** Slash: **Light.** Duff: **Less than 3 inches deep.**

Vegetation: **Grass with small amounts of salal and evergreen huckleberry.** Soils: **Good.**

Access: **From downtown Shelton and Highway 3 follow Highway 3 12.2 miles to the Sherwood Mainline, turn left. Follow mainline 1.4 miles and turn right, continue on mainline approx. 2.5 miles to unit on right. Short walk down abandoned road.**

Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Jerry Kvale (253.732.1828) for information on obtaining a key.

Trees/Acre To Plant: 300	Spacing: 12’ x 12’	Total Quantity: 1500
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Additional Comments: **Tree trailer will be located at the Shelton work space at the Port of Shelton.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 3

County: *Mason*

Section: 25

Township: 22 North

Range: 2 West

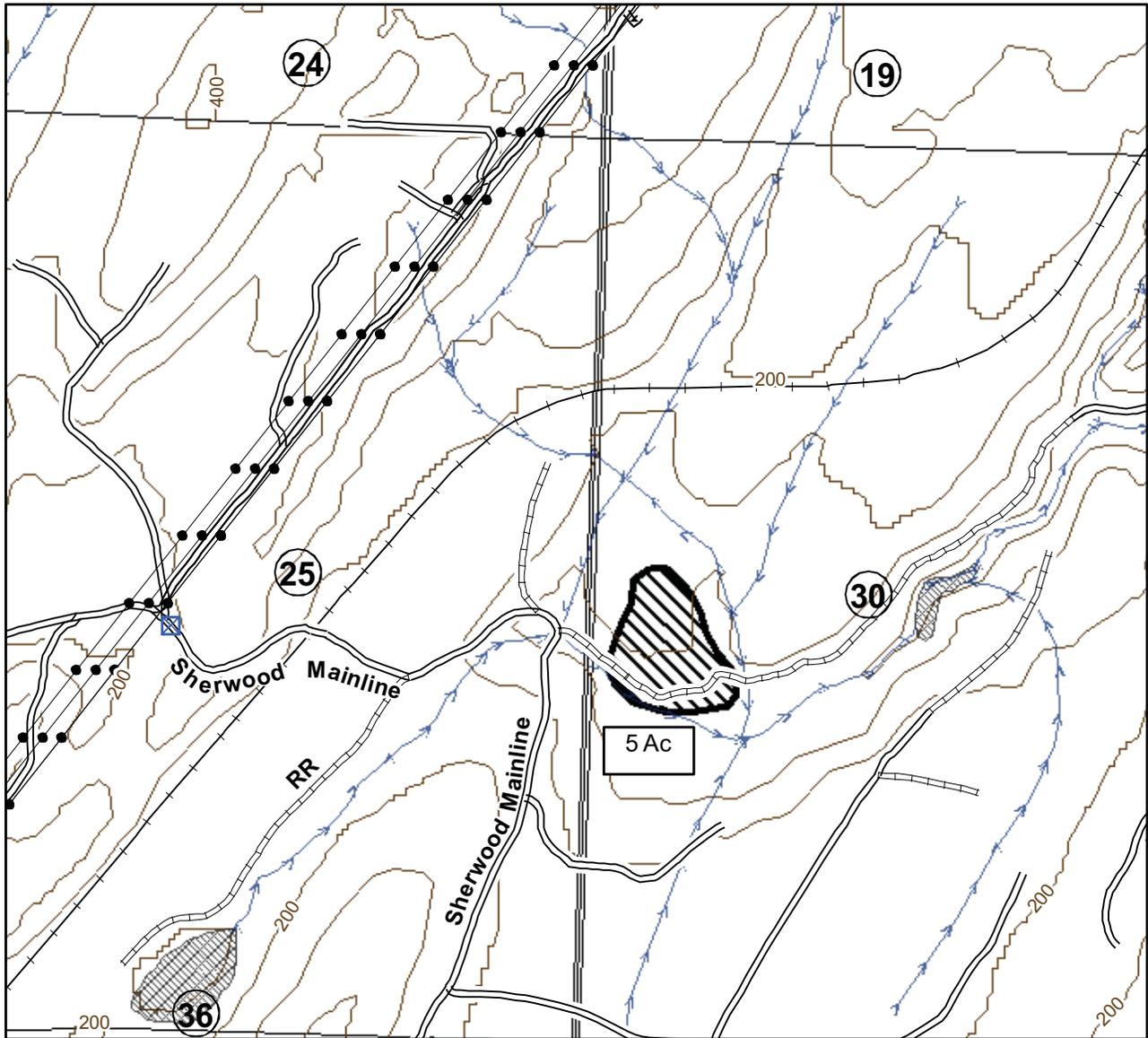
W.M.

Unit Name: *R and R*

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



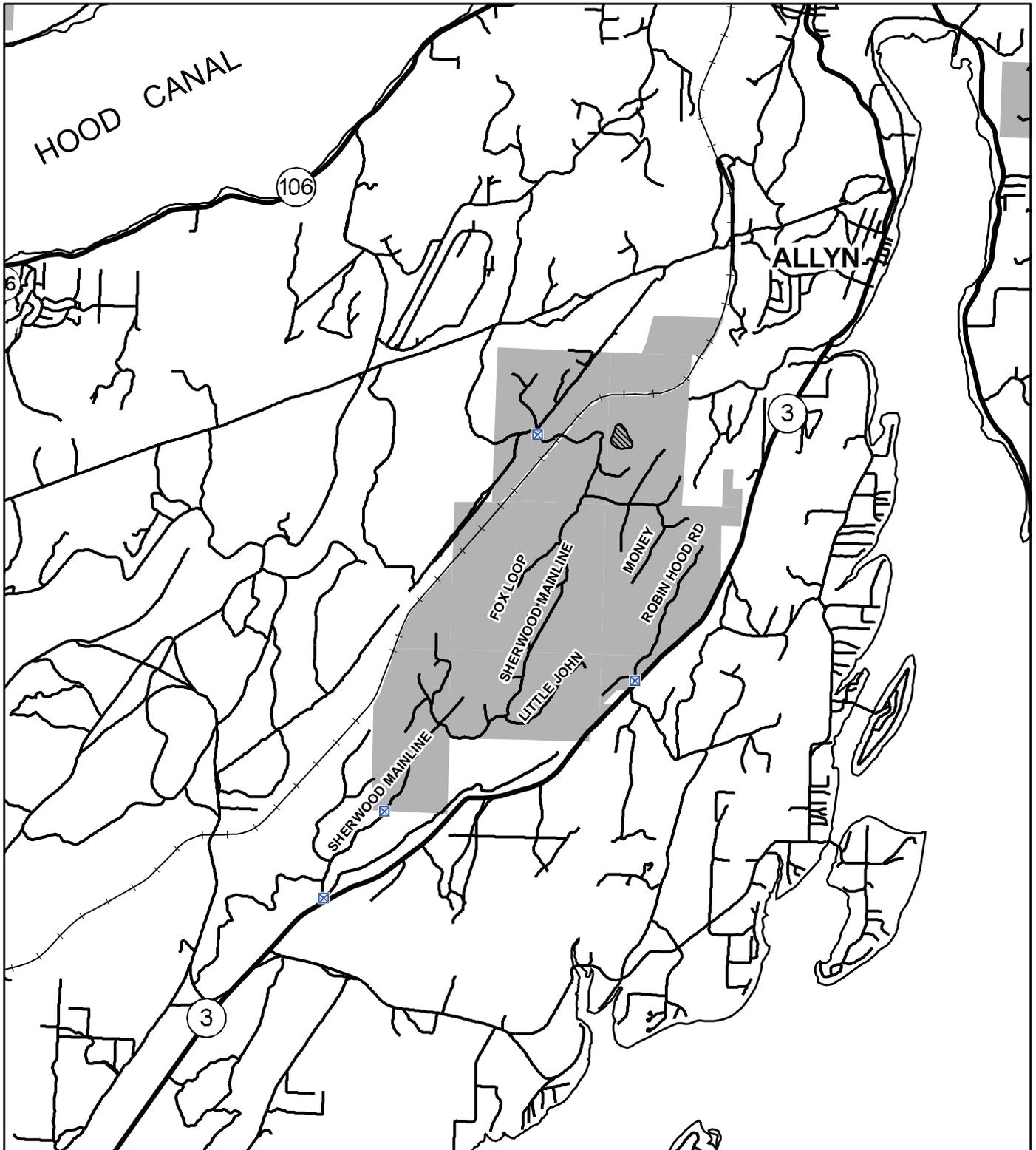
Vicinity Map, see page 38

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Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



Legend

-  Treatment Area
-  DNR Managed Lands
-  Gates



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound**

District: **Hood Canal**

Local: **Hoodsport**

Unit Name: **Preacher**

Item Number: **1**

Unit Number: **6**

Trust: **03**

Section: **4**, Township: **22N**, Range: **4**, W.M.

SPECIFICATIONS

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

Planting Stock:

Species: **DF WRC**

Contract

Period: **February 1 to April 15, 2010**

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

Net

Minimum

Minimum

Acres: **125**

Seedling Distance: **8 feet**

Crew Required: **8**

Boundaries: **See unit map on page 40.**

Special Requirements: **The 64 acre and 28 acre units will be planted by evenly distributing 202 Douglas fir and 100 western red cedar per acre using a 2:1 ratio. The 33 acre unit will be planted by evenly distributing 252 Douglas fir and 50 western red cedar per acre using a 5:1 ratio.**

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: **720 - 1080 feet**

Slope: **0 - 70%**

Aspect: **Mostly south, some north.**

Snow Period: **January 1 – March 15**

Slash: **10% over 2 feet, 90% light to moderate.**

Duff: **3 inches or less.**

Vegetation: **Light to moderate vine maple, salal, huckleberry.**

Soils: **Good, some rock.**

Access: **From Hoodsport travel 3.4 miles on SR119 and turn right at the DNR 1000 Road.**

The 64 acre unit is 0.2 mile from gate. Spurs inside of units are not drivable; the 1020 Road is only drivable to the east boundary of the 33 acre unit.

Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Jerry Kvale (253.732.1828) for information on obtaining a key.

Trees/Acre

To Plant: **302**

Spacing: **12' x 12'**

DF = 26,900 / WRC = 10,850

Total Quantity: **37,750**

Additional Comments: **Tree trailer will be located at the Shelton workspace at the Port of Shelton.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Hoodspport*

Trust: 3

County: *Mason*

Section: 4

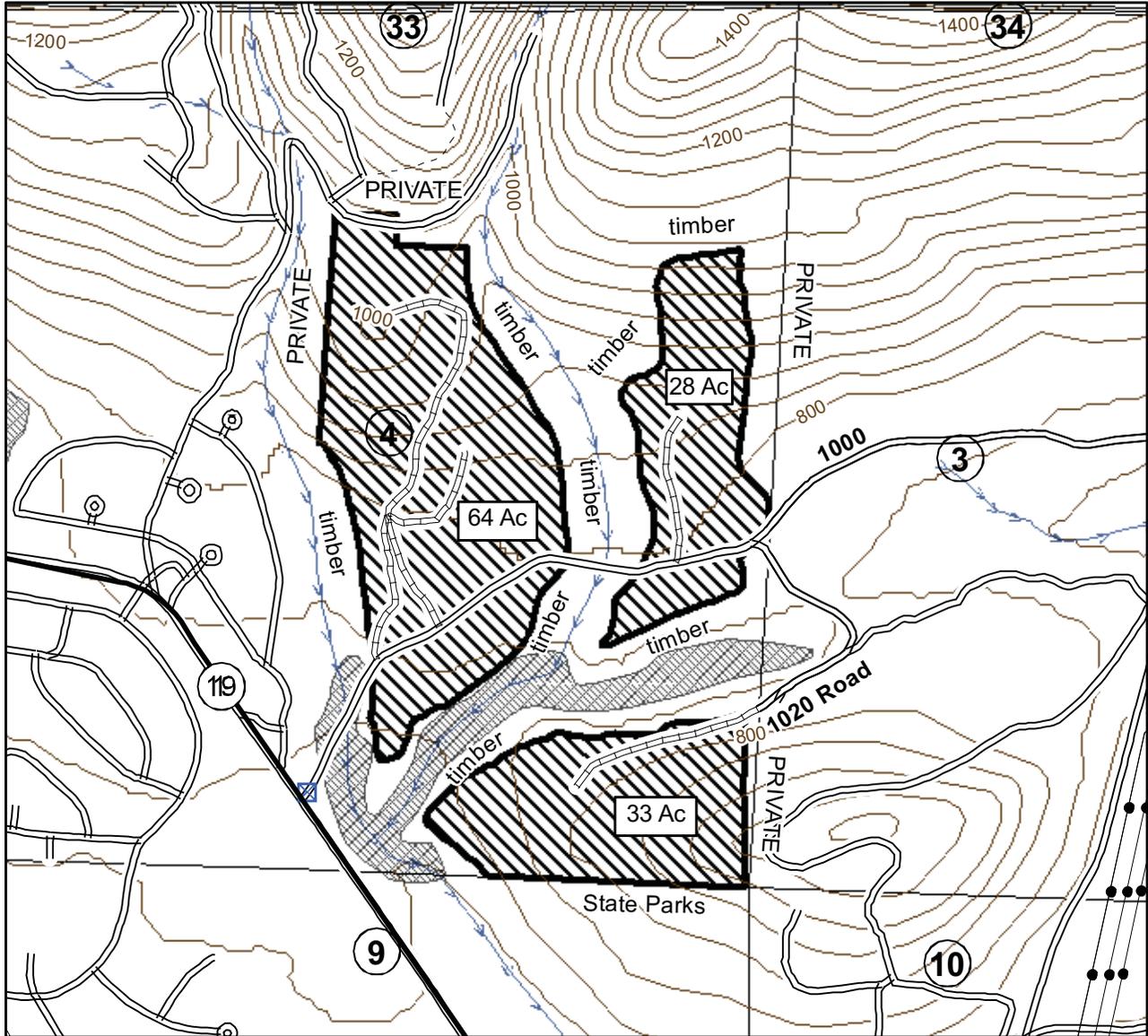
Township: *22 North* Range: *4 West* W.M.

Unit Name: *Preacher Sorts*

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 | |



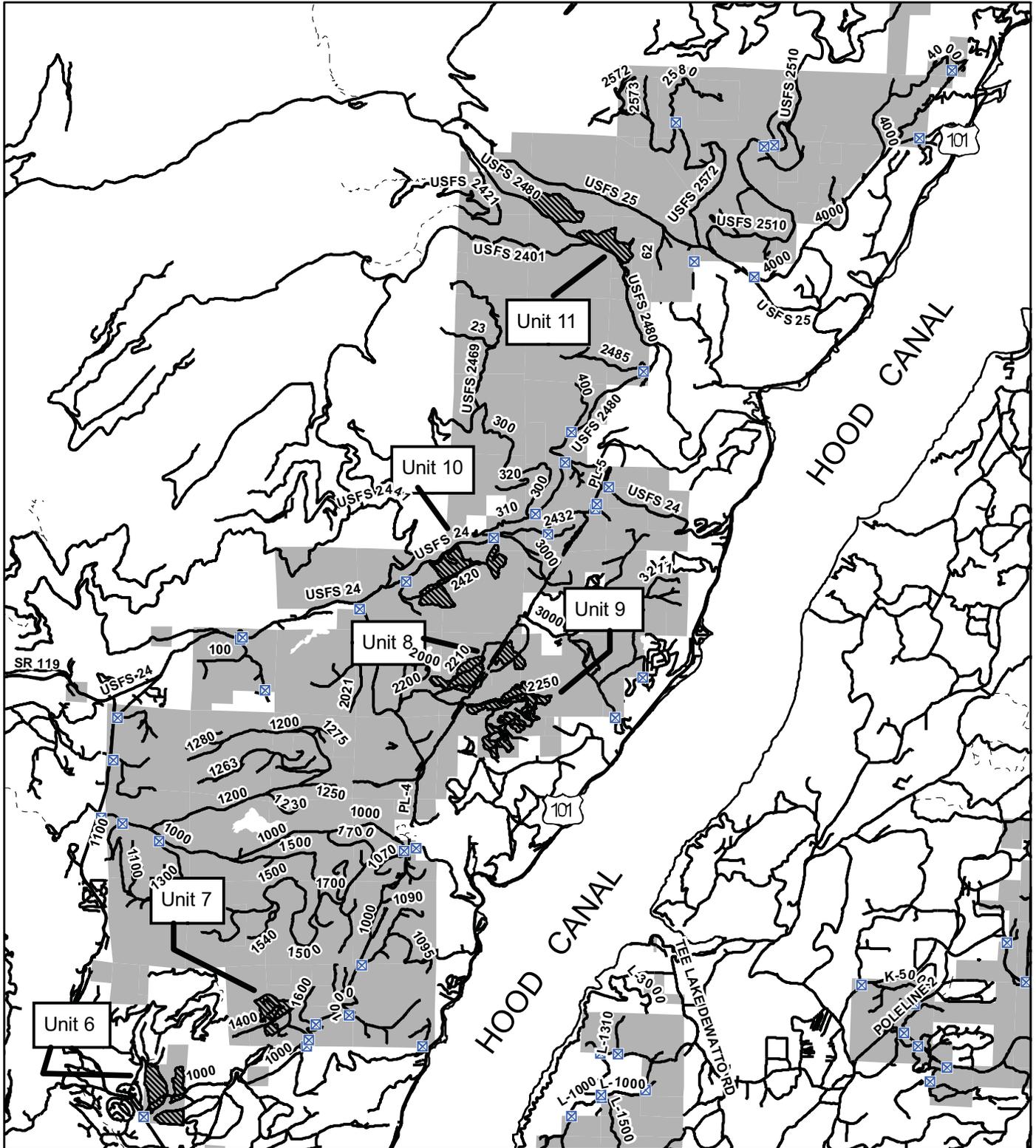
Vicinity Map, see page 41

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



Legend

-  Treatment Area
-  DNR Managed Lands
-  Gates

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound** District: **Hood Canal** Local: **Hoodsport**

Unit Name: **Miller Knob** Item Number: **1** Unit Number: **7** Trust: **01, 07, 09**

Section **34, 35** Township **23N** Range **04W**, W.M.

SPECIFICATIONS

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

Planting Stock
Species: **DF WRC**

Contract
Period: **February 1 – April 15, 2010**

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

Net Acres: **68** Minimum Seedling Distance: **8 Feet**

Minimum Crew Required: **8**

Boundaries: **See unit map on page 43.**

Special Requirements: **The 57 acre unit evenly distribute Douglas fir (200/acre), and western red cedar (100/acre) throughout unit using a 2:1 ratio.**

The 11 acre unit evenly distribute 250 Douglas fir and 50 western red cedar per acre using a 5:1 ratio.

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: **940 - 1480 ft** Slope: **Steep, some in excess of 60%.** Aspect: **Mostly south and east.**

Snow Period: **January 1 – March 15** Slash: **Light to moderate.** Duff: **Less than 3 inches deep.**

Vegetation: **Light amounts of salal and huckleberry with some vine maple.** Soils: **Good.**

Access: **From Hoodsport, travel 3.4 miles on Highway 119 and turn right onto the 1000 rd. Travel 2.8 miles on the 1000 road and turn left onto the 1400 road. Travel 0.9 miles on the 1400 road to the units.**

Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Jerry Kvale (253.732.1828) for information on obtaining a key.

Trees/Acre To Plant: **302** Spacing: **12' x 12'** DF = 14,150 / 6,250 Total Quantity: **20,400**

Additional Comments: **Tree trailer will be located at the Shelton work space at the Port of Shelton.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 1,7 & 9

County: *Mason*

Section: 34,35

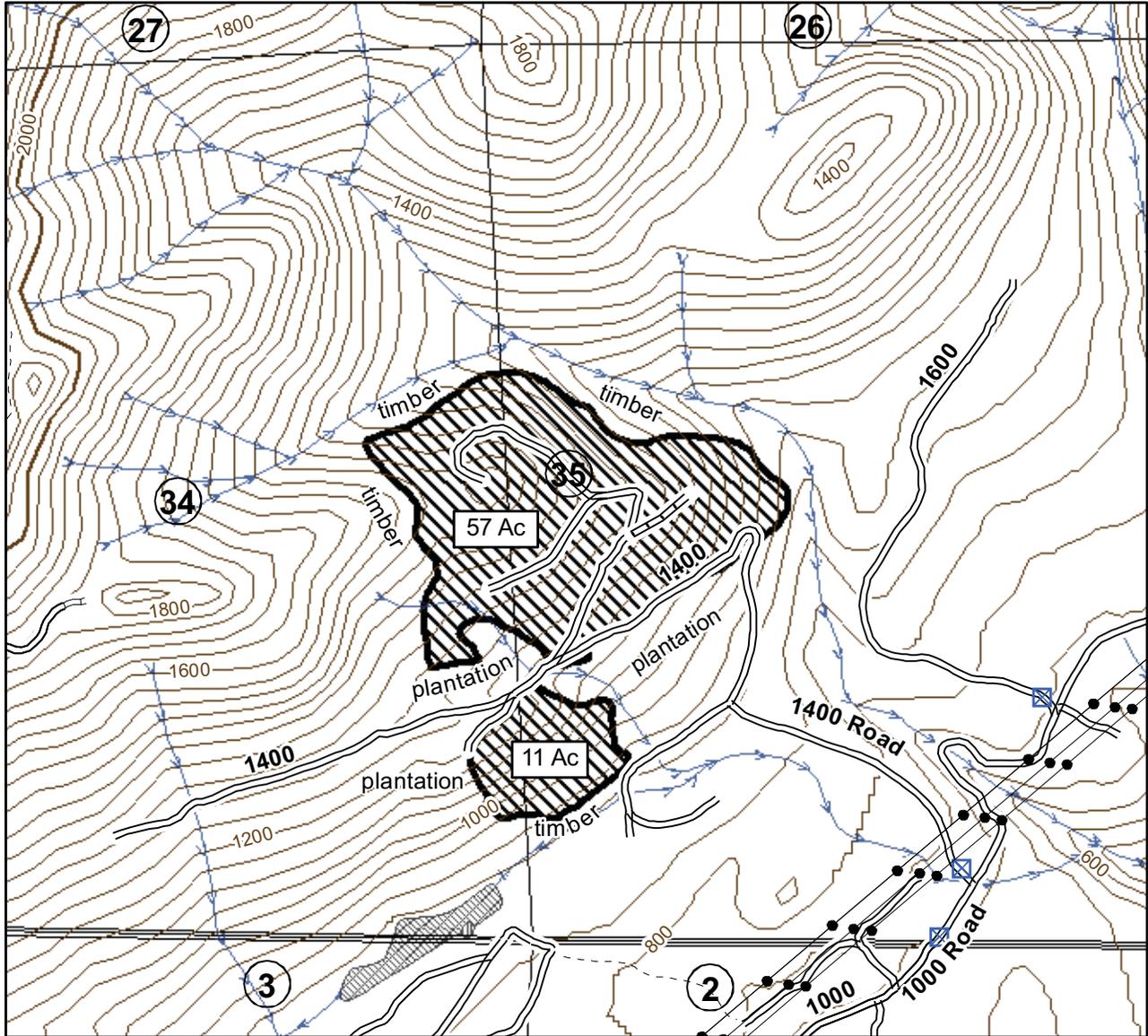
Township: 23 North Range: 4 West W.M.

Unit Name: *Miller Knob*

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 | |



Vicinity Map, see page 41

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SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound**

District: **Hood Canal**

Local: **Hoodsport**

Unit Name: **Inbetween**

Item Number: **1**

Unit Number: **8**

Trust: **06, 11**

Section **7, 8** Township **23N** Range **03W**, W.M.

Section **12** Township **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, 2010**

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

Net

Minimum

Minimum

Acres: **114**

Seedling Distance: **8 Feet**

Crew Required: **8**

Boundaries: **See unit map on page 45.**

Special Requirements: **Both units will be planted by evenly distributing 252 Douglas fir and 50 western white pine per acre using a 5:1 ratio.**

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: **483 - 813 ft**

Slope: **25% or less**

Aspect: **Generally flat to gently rolling.**

Snow Period: **January 1 – March 15**

Slash: **Light slash throughout units.**

Duff: **Minimal, less than 2 inches.**

Vegetation: **Salal and huckleberry, a few areas are thick.**

Soils: **Overall very rocky on both units except east portion of unit 1 which has good soil.**

Access: **From Hoodsport, take Highway 119 about 9.1 miles to the 24 road. Take the 24 road 3.2 miles to the 2000 road. Turn right on the 2000 road and take it 1.7 miles and bear right onto the 2200 road. Take the 2200 road 0.7 miles to the start of the 77 acre unit. Travel 1.0 miles further to the start of the 37 acre unit. Drivable access to the east part on 37 acre unit is rough but possible by taking the power line road to the north. The 2200 road to the eastern part of 37 acre unit is closed .**

Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Jerry Kvale (253.732.1828) for information on obtaining a key.

Trees/Acre

To Plant: **302**

Spacing: **12' x 12'**

DF = 28,728 / WWP = 5,700

Total Quantity: **34,428**

Additional Comments: **Tree trailer will be located at the Shelton work space at the Port of Shelton.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: *6,11*

County: *Mason*

Section: *7,8*
12

Township: *23 North*

Range: *3 West*
4 West

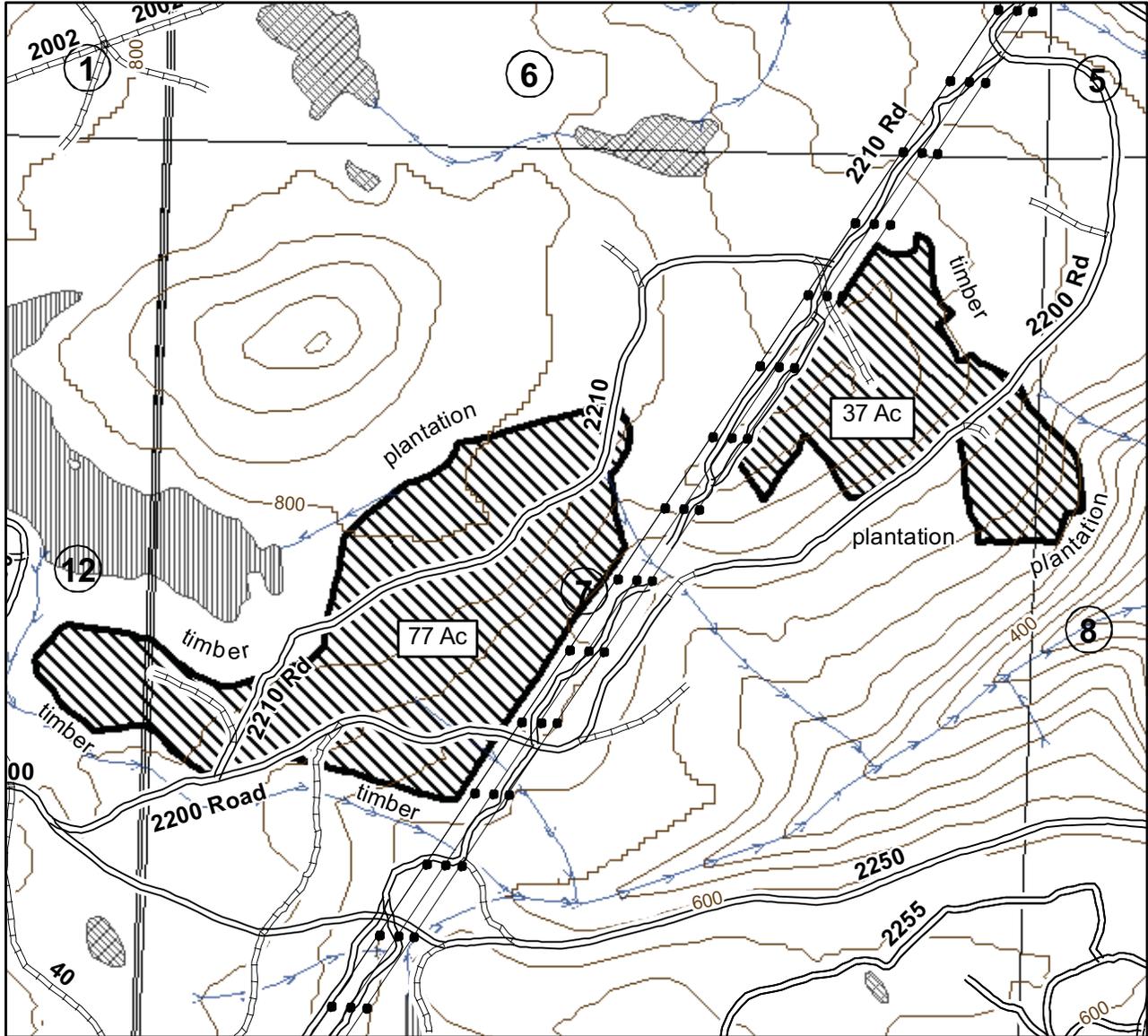
W.M.

Unit Name: *Inbetween*

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



Vicinity Map, see page 41

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SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound** District: **Hood Canal** Local: **Hoodsport**
Unit Name: **Saddle Snout** Item Number: **1** Unit Number: **9** Trust: **03, 06, 07**
Section **7, 8, 17, 18** Township **23N**, Range **03W**, W.M.

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **302** Planting Stock
Species: **DF WWP**
Contract
Period: **February 1 – April 15, 2010** Type: **P+0 P+1**
Net Minimum Minimum
Acres: **140** Seedling Distance: **8 Feet** Crew Required: **8**

Boundaries: **See unit map on page 47.**

Special Requirements: **All units will be planted by evenly distributing 252 Douglas fir and 50 western white pine per acre using a 5:1 ratio.**

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 - 600 ft** Slope: **Overall less than 20%, some steeper sections, less than 35%.**

Aspect: **Mostly flat, some north aspect.** Snow Period: **January 1 – March 15**

Slash: **The 2nd & 3rd units have light slash, moderately deep in parts of the 1st unit.** Duff: **Minimal, less than 2 inches.**

Vegetation: **Mostly light. In some places evergreen huckleberry and salal may be moderately deep.**

Soils: **Very rocky, difficult planting.**

Access: **From Hoodsport, travel 9.1 miles on Highway 119 and turn right onto the FS 24 road. Travel 3.2 miles on the FS 24 road and turn right on the 2000 road. Travel 1.8 miles down the 2000 road and bear right onto the 2200 road. Travel 0.4 miles on the 2200 road and stay straight on the 2250 road. Travel approximately 0.2 miles to the start of the 78 acre unit. Continue up 2250 road to access the next units.**

Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Jerry Kvale (253.732.1828) for information on obtaining a key.

Trees/Acre
To Plant: **302** Spacing: **12' x 12'** DF = 35,280 / WWP = 7,000
Total Quantity: **42,280**

Additional Comments: **Tree trailer will be located at the Shelton work space at the Port of Shelton.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 3,6 & 7

County: *Mason*

Section: *7,8,17,18*

Township: *23 North*

Range: *3 West*

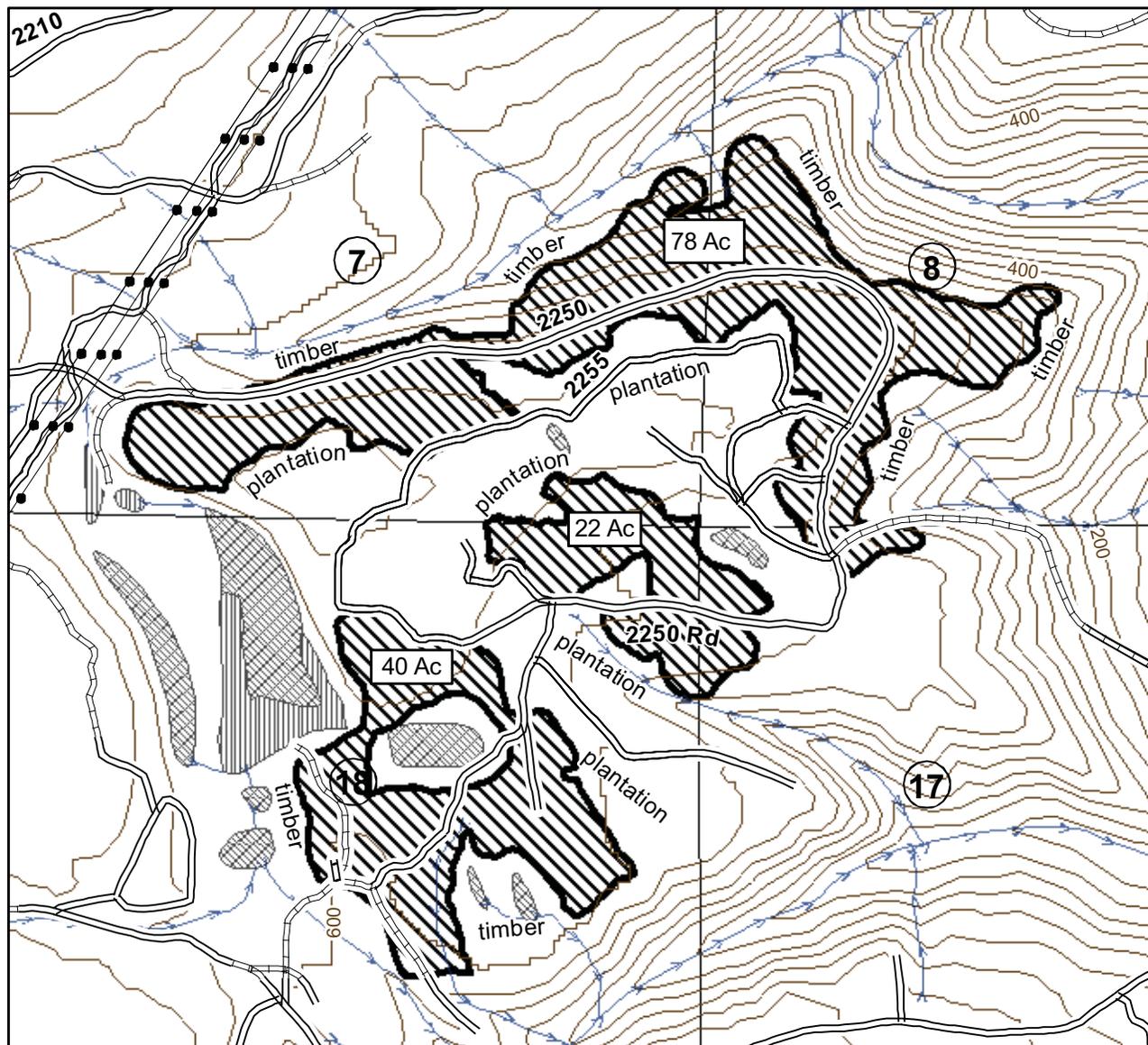
W.M.

Unit Name: *Saddle Snout*

Item Number: 1

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



Vicinity Map, see page 41

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SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: South Puget Sound	District: Hood Canal	Local: Hoodsport	
Unit Name: Bowtie 10	Item Number: 1	Unit Number: 10	Trust: 01, 06,

Section **8, 16, 17** Township **24N** Range **03W** W.M.

SPECIFICATIONS

Seedlings Required Per Acre After Planting: 302	Planting Stock Species: DF
Contract Period: February 1 – April 15, 2010	Type: 1+1
Net Acres: 135	Minimum Seedling Distance: 8 Feet
	Minimum Crew Required: 8

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

Special Requirements: **Plant Douglas fir at a spacing of 12 feet by 12 feet in all units.**

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: **819 – 1577 ft** Slope: **Up to 90%** Aspect: **North, South, East**

Snow Period: **January 1 – March 15** Slash: **Light to heavy, depending on location**

Duff: **Minimal less than 3 inches.**

Vegetation: **Vegetation is minimal. May be some pockets of vine maple and salal that are thick.**

Soils: **Moderately rocky with some rock outcrops.**

Access: **From Hoodsport, take US HWY 101 north approximately 10 miles and turn left onto the FS 24 road. Drive approximately 2.1 miles to the powerlines and bear left to stay on the 24 road. Drive 2.8 miles further and turn left onto the 2420 road. Drive past the rock pit up the hill (driving through 48 acre unit) to the top of the hill. Take a left to get to the top of 48 acre unit and parts of the 58 acre unit. Drive straight at the top of the hill to get to the rest of the 58 acre unit; go to the end of the road to get to the 29 acre unit. Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Jerry Kvale (253.732.1828) for information on obtaining a key.**

Trees/Acre To Plant: 302	Spacing: 12' x 12"	Total Quantity: 40,770
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Additional Comments: **Tree trailer will be located at Shelton work space at the Port of Shelton.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: *1,6,10*

County: *Mason*

Section: *1*

Township: *24 North*

23 North

Range: *4 West*

W.M.

6

23 North

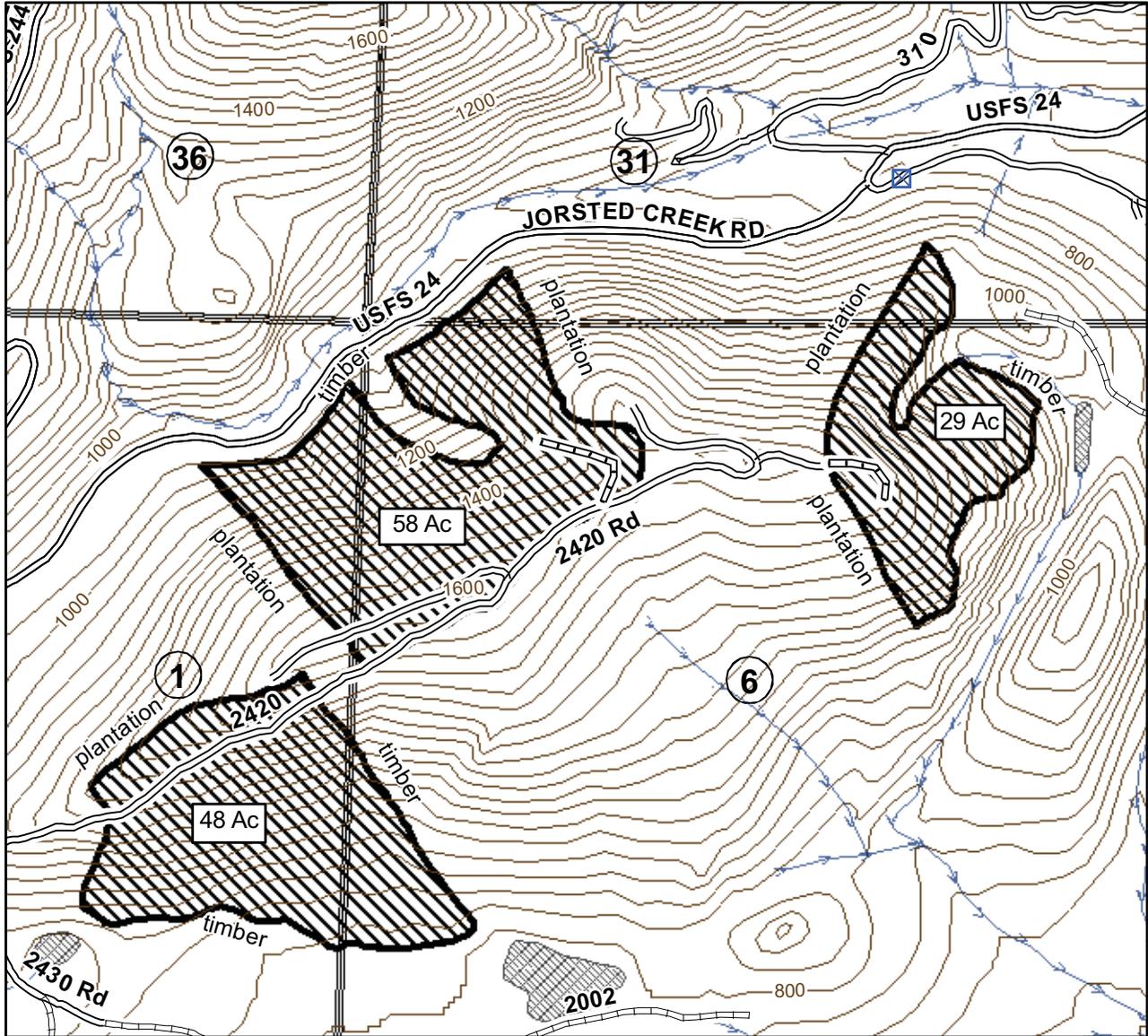
3 West

Unit Name: *Bowtie*

Item Number: *1*

Unit Number: *10*

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 41

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SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound**

District: **Hood Canal**

Local: **Hoodsport**

Unit Name: **Willie**

Item Number: **1**

Unit Number: **11**

Trust: **01, 03, 07**

Section **8, 16, 17**, Township **24N**, Range **03W**, W.M.

SPECIFICATIONS

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

Planting Stock

Species: **DF DF**

Contract

Period: **February 1 – April 15, 2010**

Type: **1+1 P+0 / S-15**

Net

Minimum

Minimum

Acres: **173**

Seedling Distance: **8 Feet**

Crew Required: **8**

Boundaries: **See unit maps on page 51.**

Special Requirements: **All units will be planted with Douglas fir at 302 trees per acre. The 93 acre unit will be planted with 8,350 P+0 and 41,782 1+1's as directed by the contract administrator. The 73 acre unit will be planted with 1+1's. The 7 acre unit will be planted with P+0.**

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: **429 - 573 ft**

Slope: **15% or less. Some short slopes are steeper.**

Aspect: **Mostly flat.**

Snow Period: **January 1 – March 15**

Slash: **Light across all units.**

Duff: **Minimal less than 2 inches.**

Vegetation: **Vegetation is minimal. May be some pockets of vine maple and salal that are thick.**

Soils: **Very rocky, difficult planting.**

Access: **From Hoodsport, take Highway 101, 13.4 miles north to the Hamma Hamma Rd (FS 25 rd). Travel 6 miles on the 25 rd and turn left onto the 2480 road. Travel 1.4 miles to 1st unit (93 acres). Travel approximately 0.2 miles past 1st unit to 2nd unit (73 acres). Third unit (7 acres) is just past 2nd unit.**

Gate(s) will remain locked during contract period; lock will be a Master 786. Contact Jerry Kvale (253.732.1828) for information on obtaining a key.

Trees/Acre

Plugs = 10,464 and 1+1 = 41,782

To Plant: **302**

Spacing: **12' x 12'**

Total Quantity: **52,246**

Additional Comments: **Tree trailer will be located at the Shelton work space at the Port of Shelton.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Hoodsport*

Trust: 1,3 & 7

County: *Mason*

Section: 8,16 & 17

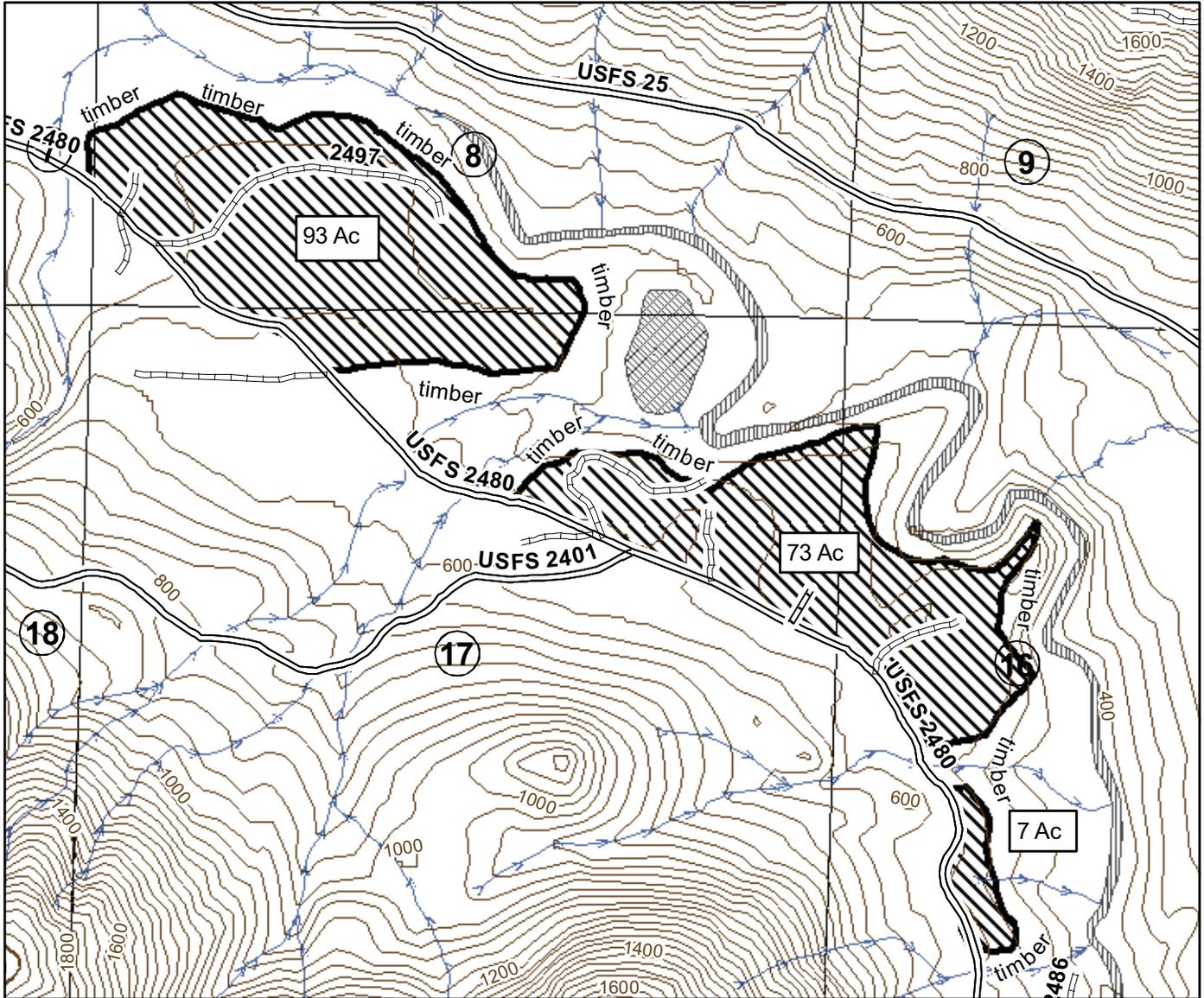
Township: 24 North Range: 3 West W.M.

Unit Name: *Willie*

Item Number: 1

Unit Number: 11

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 41

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SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1255**

Region **South Puget Sound**

District **Snoqualmie**

Local **Marckworth**

Unit Name **Soggy Bottom**

Item Number **2**

Unit Number **1**

Trust **1-77%/8-23%**

Section **5**, Township **26**, Range **8E**, W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting **400**

Planting Stock

Species	DF	DF	WRC
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Contract

Period **January 18, 2010 to March 31, 2010**

Type	1+1	P+0	P+1
------	------------	------------	------------

Net

Minimum

Minimum

Acres **79**

Seedling Distance **8 Feet**

Crew Required **7 + 1 Non-planting foreman.**

Boundaries **See map.**

See unit map on page **53**.

Special Requirements **10 acres will be flagged and planted only with plugs. The remaining plug stock will be used as needed in rocky areas spread throughout unit. Cedar will be mixed evenly throughout the remaining 69 acres. 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.**

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 **1300'-1500'**

Slope **0-25%**

Aspect **Variable**

Snow Period **December to February**

Slash **Moderate**

Duff **Light**

Vegetation **Moderate**

Soils **Rocky**

Access **2.5 mile north of Carnation on Highway 203 turn onto Stillwater Hill Road, travel 3.2 miles and turn onto Stossel Creek RD, travel 1.5 miles until the pavement ends, travel 1.1 miles and turn right onto the North 5000 RD. Proceed through gate #1001 (combo 1255-same as contract number). Travel 5.7 miles and turn right onto the 5200 RD, travel 3.0 miles (will pass a rock pit) to the unit.**

Trees/Acre

To Plant **400**

Spacing **10.5'x10.5'**

Total

Quantity **31,600 (DF 1+1-11,850/DF P+0-7,900/WRC-11,850)**

Additional Comments **All gate combinations are 1255 (same as contract number). All gates will remain closed and locked at all times. Please call Brian Williams at (425) 736-4726 with any questions.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 1

County: *King*

Section: 5,6

Township: *26 North* Range: *8 East*

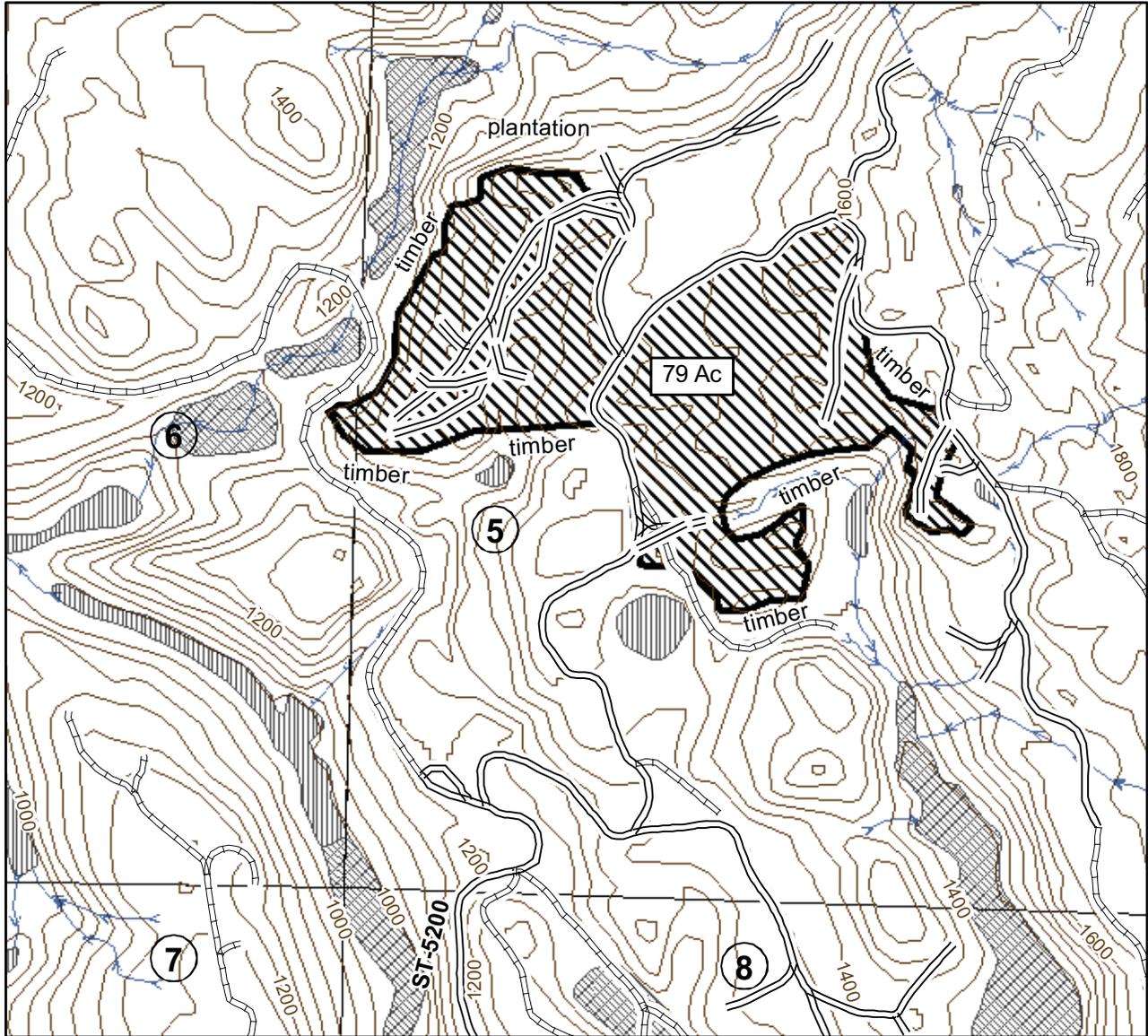
W.M.

Unit Name: *Soggy Bottom*

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



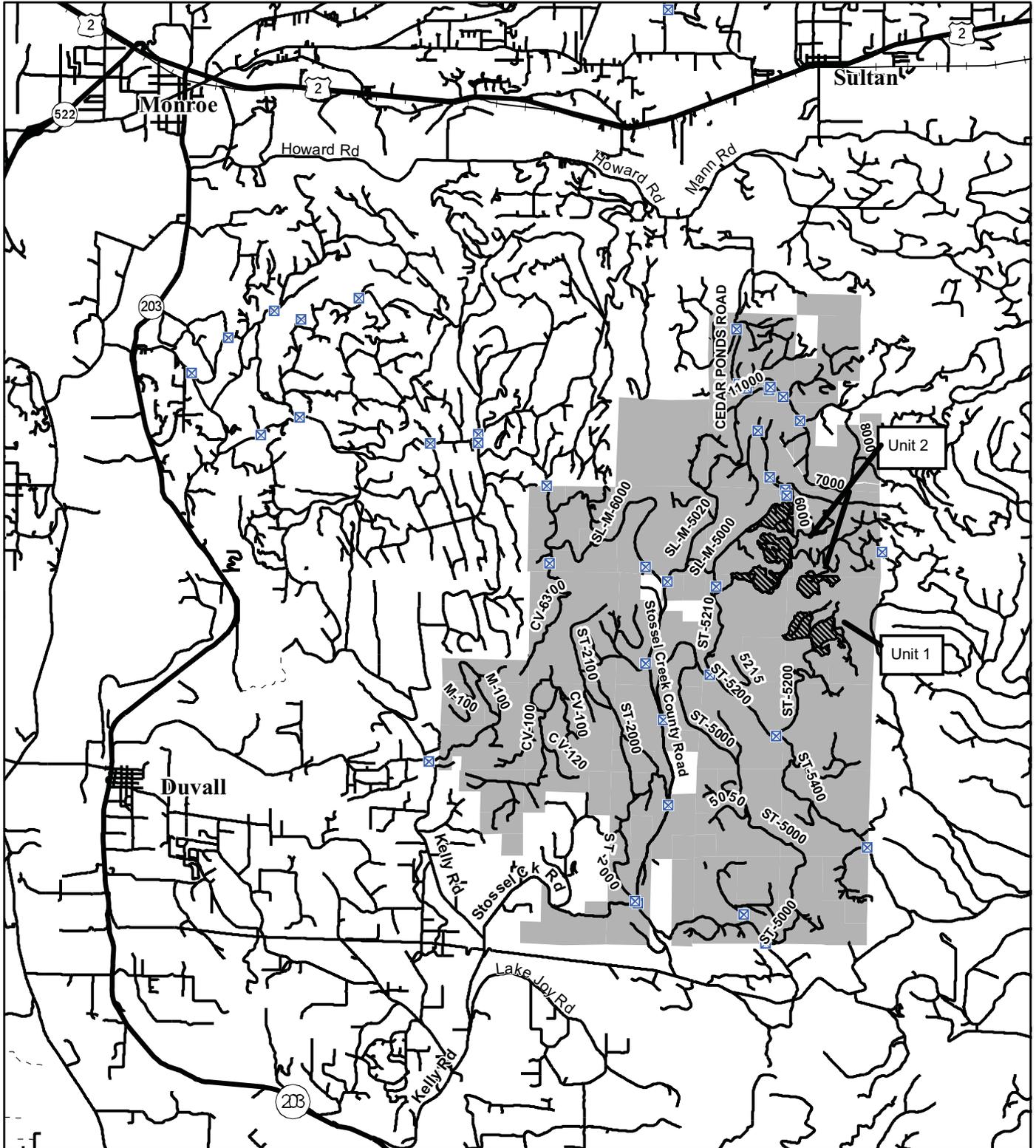
Vicinity Map, see page 54

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Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



Legend

-  Treatment Area
-  DNR Managed Lands
-  Roads
-  Gates



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1255**

Region **South Puget Sound**

District **Snoqualmie**

Local **Marckworth**

Unit Name **Daisy Jane TS Units 1-5**

Item Number **2**

Unit Number **2**

Trust **01-100%**

Section **31 & 32**, Township **27**, Range **08E**, W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting **360**

Planting Stock

Species **DF** **WRC**

Contract

Period **January 18, 2010 to March 31, 2010**

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

Net Minimum

Minimum

Acres **195 Total** Seedling Distance **8 Feet**

Crew Required **7 + 1 Non-planting foreman.**

(9, 91, 13, 47, & 35)

Boundaries **See map.** 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 **650'-1550'** Slope **0-100%** Aspect **Variable** Snow Period **December to February.**

Slash **Moderate/Heavy** Duff **Light**

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

Access **This proposal is best accessed from highway 203 approximately 2.5 miles north of Carnation. Turn right on Stillwater Hill road that turns into Kelly Road for approximately 3.2 miles. Turn right on Stossel Creek Road and travel 1.5 miles to the end of the pavement. Travel north on the gravel road (Stossel Creek Road) for another 6.0 miles to locked gate number 1029. From there travel .5 miles to the 5000/5210 intersection and turn right. Travel .1 miles to locked gate number 1012. Follow the 5210 Road until the first intersection for .2 miles and go left on the 5210-1 Road. Follow to the end for about .3 miles. Unit 1 will be on the right hand side. From the 5000/5210 intersection travel north for 1.4 miles to the intersection of the 5000/6000 road. Turn right to locked gate number 1013. At that gate Unit 3 begins. Travel for approximately 0.2 miles to the beginning of Unit 4. Travel another 0.2 miles to the intersection and go right. Travel 0.2 miles to the beginning of Unit 2. From there travel another .4 miles to the intersection and go right. Travel about 0.2 miles to the next intersection and go left. From the last intersection, stay to the right for about 0.6 miles to reach Unit 5.**

Trees/Acre

Total

To Plant **360**

Spacing **11 x 11**

Quantity **70,200**

Additional Comments **All gate combinations are #1255 (same as contract number). Unit 1 shall be planted 300 Douglas-fir to 60 Western red cedar TPA. All other units (#2-5) shall be planted to 260 TPA of Douglas-fir and 100 TPA of Western red cedar. Plant WRC evenly throughout unit. All gates will remain closed and locked at all times. Please call Brian Williams at (425) 736-4726 with any questions.**

Unit 1: DF-2,700/WRC-540

Unit 2: DF-23,660/WRC-9,100

Unit 3: DF-3,380/WRC-1,300

Unit 4: DF-12,220/WRC-4,700

Unit 5: DF-9,100/WRC-3,500

Total: DF-51,060/WRC-19,140

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 1

County: *King*
Snohomish

Section: 5,6
30,31

Township: 26 North
27 North

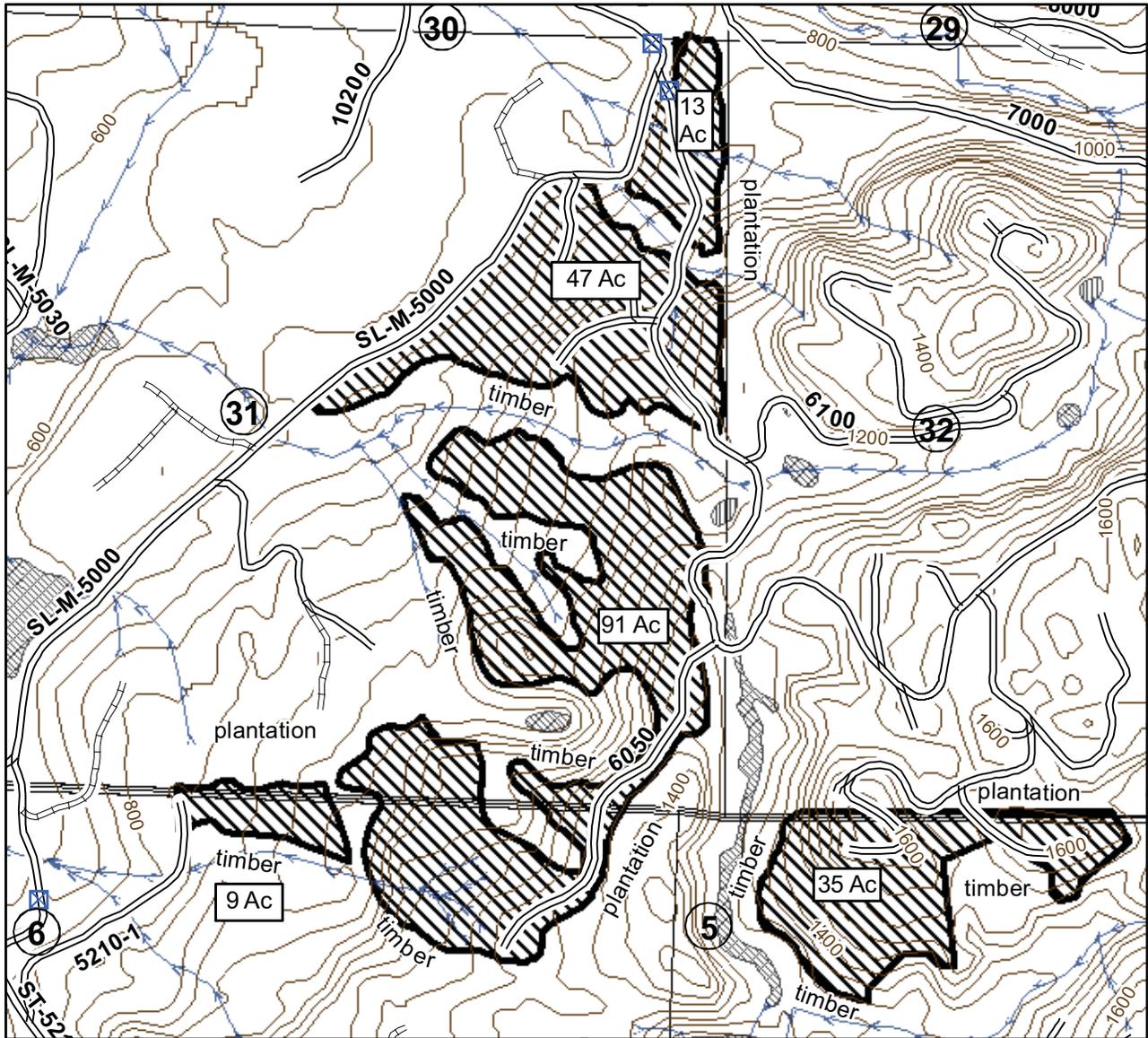
Range: 8 East W.M.

Unit Name: *Daisy Jane*

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



Vicinity Map, see page 54

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SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1255**

Region **South Puget Sound**

District **Snoqualmie**

Local **Tiger Mtn.**

Unit Name **CougIt**

Item Number **2** Unit Number **3**

Trust **03-70%,10-25%**

07-3%, 01-2%

Section **16**, Township **23**, Range **07E**, W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting **360**

Planting Stock
Species **DF** **WRC**

Contract

Period **January 18, 2010 to March 31, 2010**

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

Net

Minimum

Minimum

Acres **80**

Seedling Distance **8 Feet**

Crew Required **7 + 1 Non-planting foreman.**

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

Special Requirements **Unit is divided into two parts by flagline. Upper 50 Acres shall be mixed evenly with 226 TPA of DF and 134 TPA of WRC. Lower 34 acres shall be planted with 360 TPA of DF. 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.**

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 **1200' to 2050'**
February

Slope **10-65%**

Aspect **East/Southeast** Snow Period **December to**

Slash **Moderate**

Duff **Light**

Vegetation **Light to Moderate**

Soils **Gravelly Loam**

Access **From the intersection of Highway 18 and Interstate 90 take Hwy 18 westbound for 3.4 miles. Turn right and pass through gate 809 (combo is 1255). Travel 5.2 miles on the Eastside/7000 RD. Turn left onto 5500 RD and travel up 3.2 miles. Turn left on to the 5700 RD. Travel 0.8 miles and enter unit. CAUTION: PEDESTRIANS AND BIKES ON ROADWAY, DRIVE SLOWLY.**

Trees/Acre

To Plant **360**

Spacing **11' x 11'**

Total

Quantity **30,240 (DF-23,540/WRC-6,700)**

Additional Comments **All gate combinations are 1255 (same as contract number). All gates will remain closed and locked at all times. CAUTION: PEDESTRIANS AND BIKES ON ROADWAY, DRIVE SLOWLY. Please call Brian Williams at (425) 736-4726 with any questions.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 1,3,7,10

County: *King*

Section: 15,16

Township: 23 North Range: 7 East

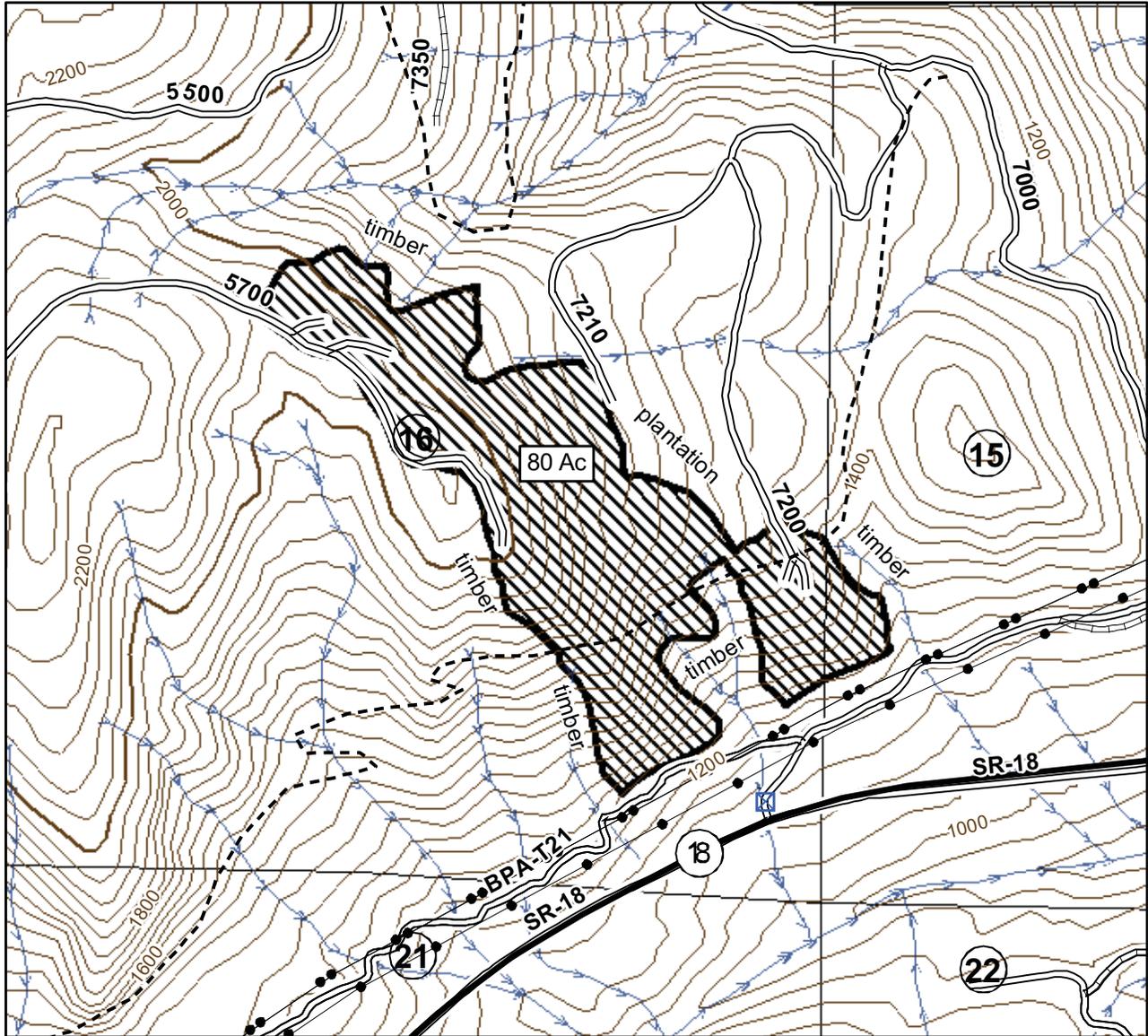
W.M.

Unit Name: *Cougit*

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



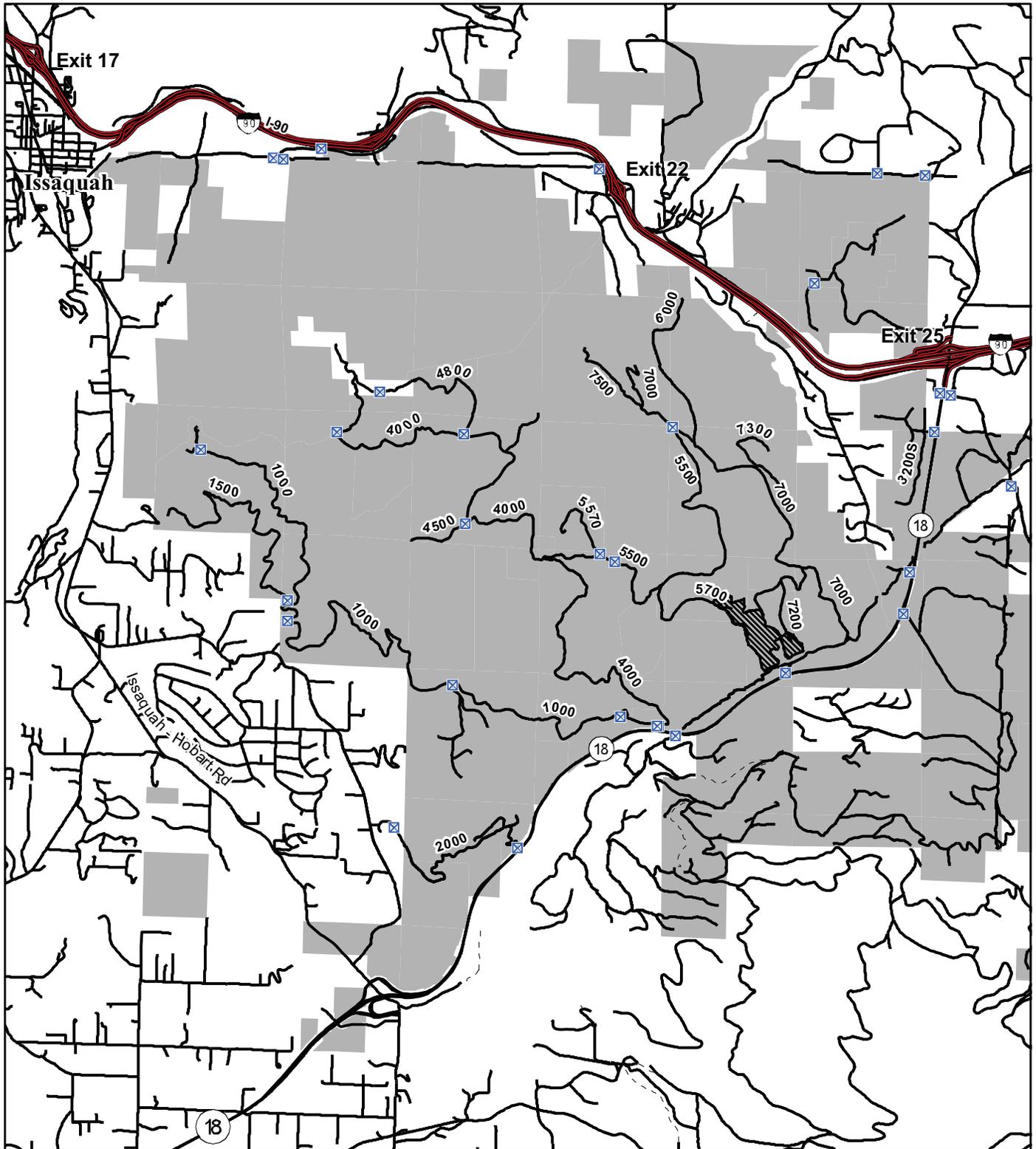
Vicinity Map, see page 59

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



Legend

-  Treatment Area
-  DNR Managed Lands

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1255**

Region **South Puget Sound**

District **Snoqualmie**

Local **Rattlesnake**

Unit Name **Winery TS Unit 1, 2, 3, & 4**

Item Number **2**

Unit Number **4**

Trust **77 (WWTD)**

Section **6 & 7, Township 23, Range 08E, W.M**

SPECIFICATIONS

Seedlings Required Per Acre After Planting **360**

Planting Stock

Species **DF** **WRC**

Contract

Period **January 18, 2010 to March 31, 2010**

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

Net

Minimum

Minimum

Acres **65 Total** Seedling Distance **8 Feet**

Crew Required **7 + 1 Non-planting foreman.**

(46, 9, 7, & 3)

Boundaries **See map.** See unit map on page **61.**

Special Requirements **The portion of Unit 1 above the lower Winery Road (37 acres) will be planted with 290 DF TPA and 70 WRC TPA. The remaining portion of Unit 1 (9 acres) and Units 2, 3, & 4 will be planted with 180 TPA of DF and 180 TPA of WRC. 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 **800'-1900'** Slope **5-55%** Aspect **Northeast** Snow Period **December to February.**

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

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

Access **From I-90 Eastbound take Exit 27 and turn right at bottom of ramp onto Winery Road, go approximately 0.1 miles to the locked blue gate (#819), combination is 1255 and road turns to gravel. Continue 0.2 miles to the "Y" in the road, go left and travel 1.2 miles to the beginning of Unit 1.**

Trees/Acre

Total

To Plant **360**

Spacing **11 x 11**

Quantity **23,400**

Additional Comments **All gate combinations are #1255 (same as contract number). All gates will remain closed and locked at all times. Please call Brian Williams at (425) 736-4726 with any questions.**

Unit 1-DF-12,350/WRC-4,210

Unit 2-DF-1,620/WRC-1,620

Unit 3-DF-1,260/WRC-1,260

Unit 4-DF-540/WRC-540

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 77

County: *King*

Section: 6,7

Township: *23 North* Range: *8 East*

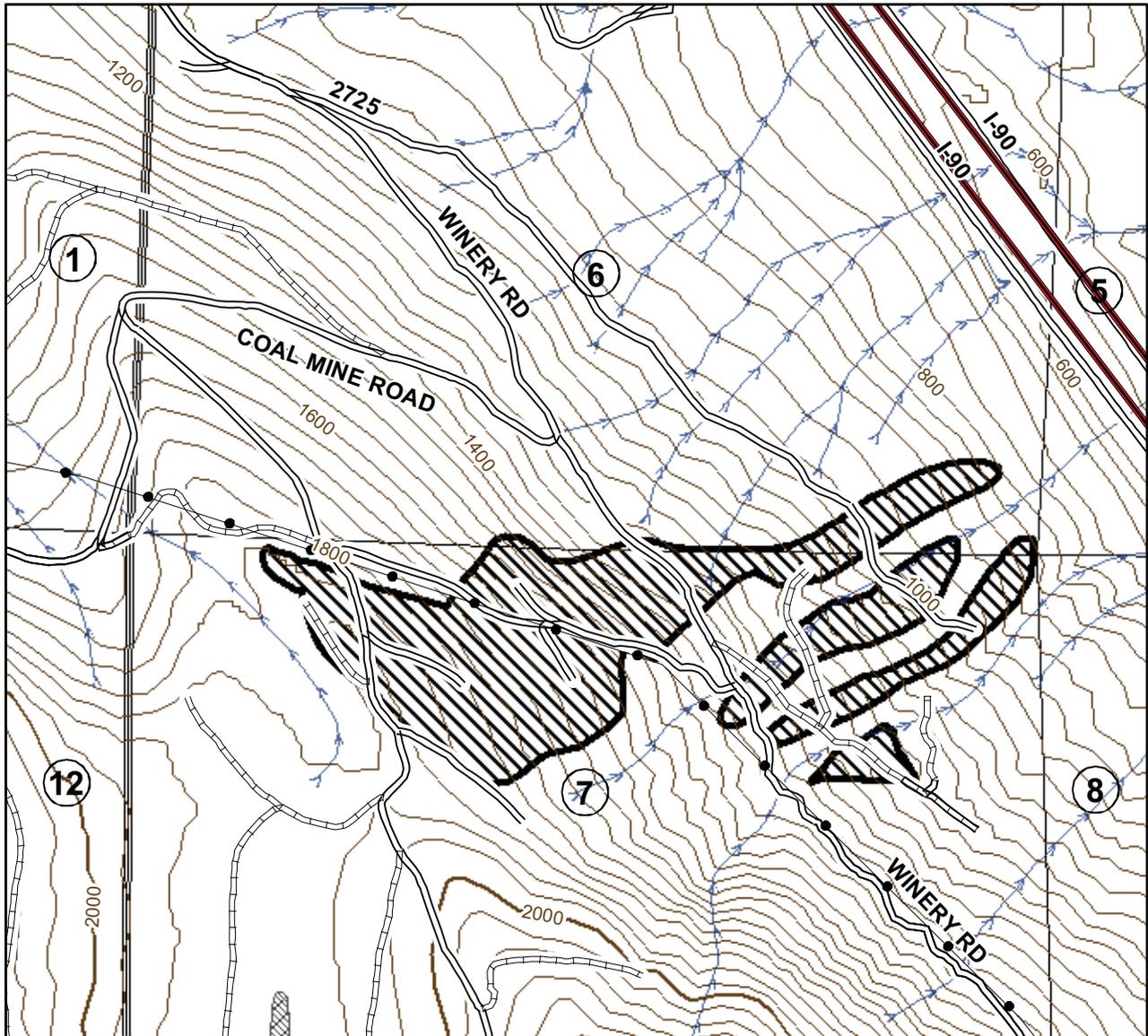
W.M.

Unit Name: *Winery*

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



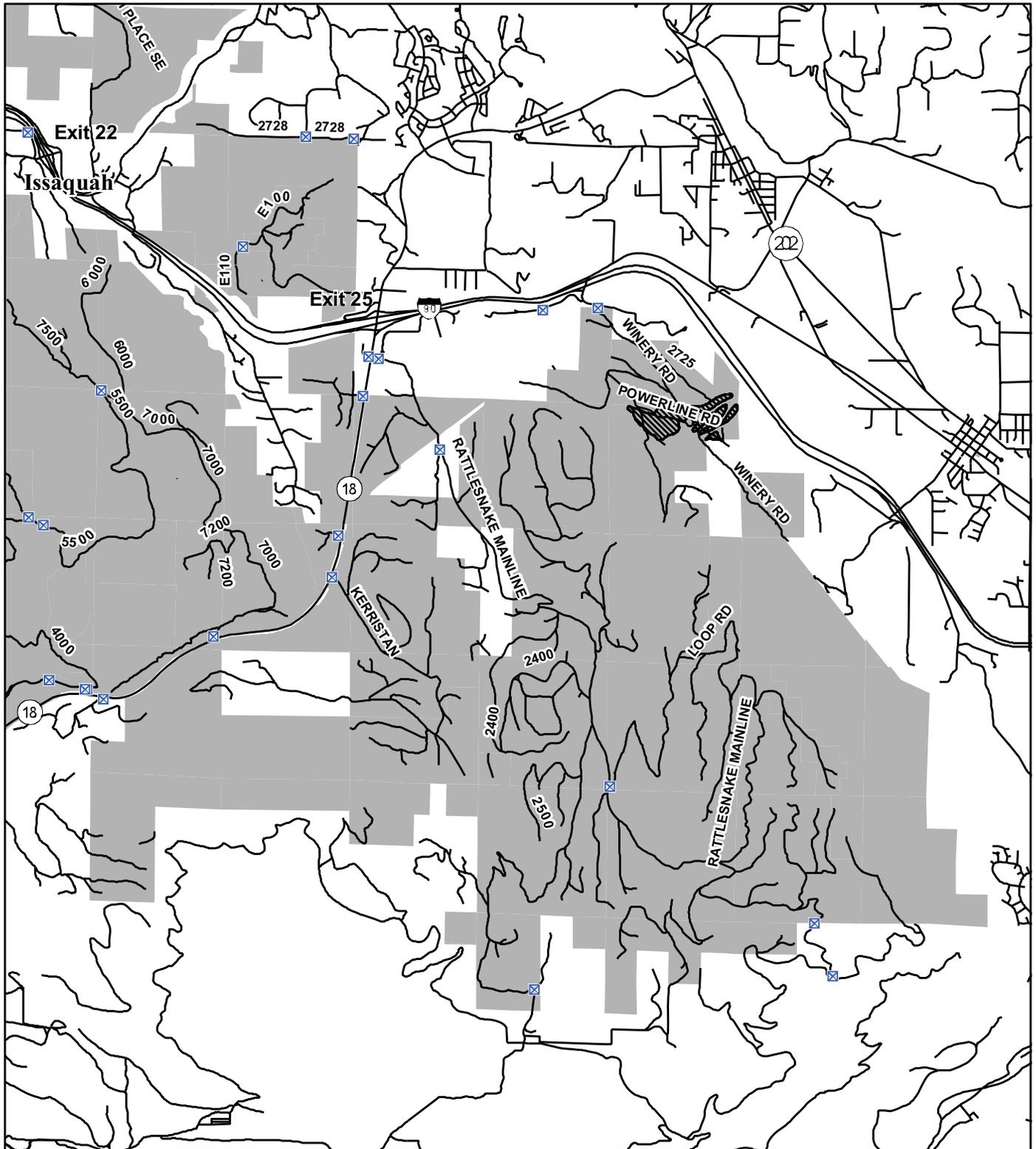
Vicinity Map, see page 62

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



Legend

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



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region **South Puget Sound**

District **Black Diamond**

Local **North Fork Green River**

Unit Name **Gale TS Units 1, 2, 3, & 4**

Item Number **2**

Unit Number **5**

Trust **03**

Section **4, 5, & 9**, Township **20**, Range **09E**, W.M.

Section **31** Township **21**, Range **09E**, W.M.

SPECIFICATIONS

Seedlings Required Per Acre After Planting **360**

Planting Stock

Species **DF**

Contract

Period **January 18, 2010 to March 31, 2010**

Type **1+1**

Net

Minimum

Minimum

Acres **50**

Seedling Distance **8 Feet**

Crew Required **7 + 1 Non-planting foreman.**

(2, 5, 28, & 15 AC)

Boundaries **See map.** See unit map on pages **64, 65, 66.**

Special Requirements **Units 1 & 2 will have a different planting stock from Units 2 & 3. The trees will be stored in North Bend or Enumclaw. 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 **1600' to 2900'** Slope **5-60%**

Aspect **Variable**

Snow Period **December to March**

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

Vegetation **Light to Moderate**

Soils **Gravelly Loam/Loam**

Access **Travel 2.8 miles north of Cumberland on the Cumberland-Kanasket RD and turn right onto the Tacoma Headworks RD. Travel 2.3 miles to the manned gate. Check-in and CB use required. Pass through gate and travel 12.8 miles and turn left onto the 5530-1 RD. Travel 1.0 mile and Unit 1 is on first spur to the left 0.2 miles. Continue 1.0 mile and Unit 2 is at the end of the spur to the left. Unit 3 is 2.1 miles past Unit 2 (still on the 5530-1 RD). Take the spur road right and stay to the left for 0.8 miles. The spur for Unit 4 is 0.3 miles past the intersection to Unit 3 (still on the 5530-1 RD). Turn left under powerlines and stay to the right. Travel 0.4 miles to Unit 4.**

Trees/Acre

To Plant **360**

Spacing **11 x 11**

Total

Quantity **18,000**

Additional Comments **Check-in required at Tacoma Headworks gate. Use CB channel 10 while on mainline. Please call Brian Williams at (425) 736-4726 with any questions.**

Unit 1- 720 DF

Unit 2- 1,800 DF

Unit 3- 10,080 DF

Unit 4- 5,400 DF

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Black Diamond*

Trust: 3

County: *KIng*

Section: 31

Township: 21 North Range: 9 East

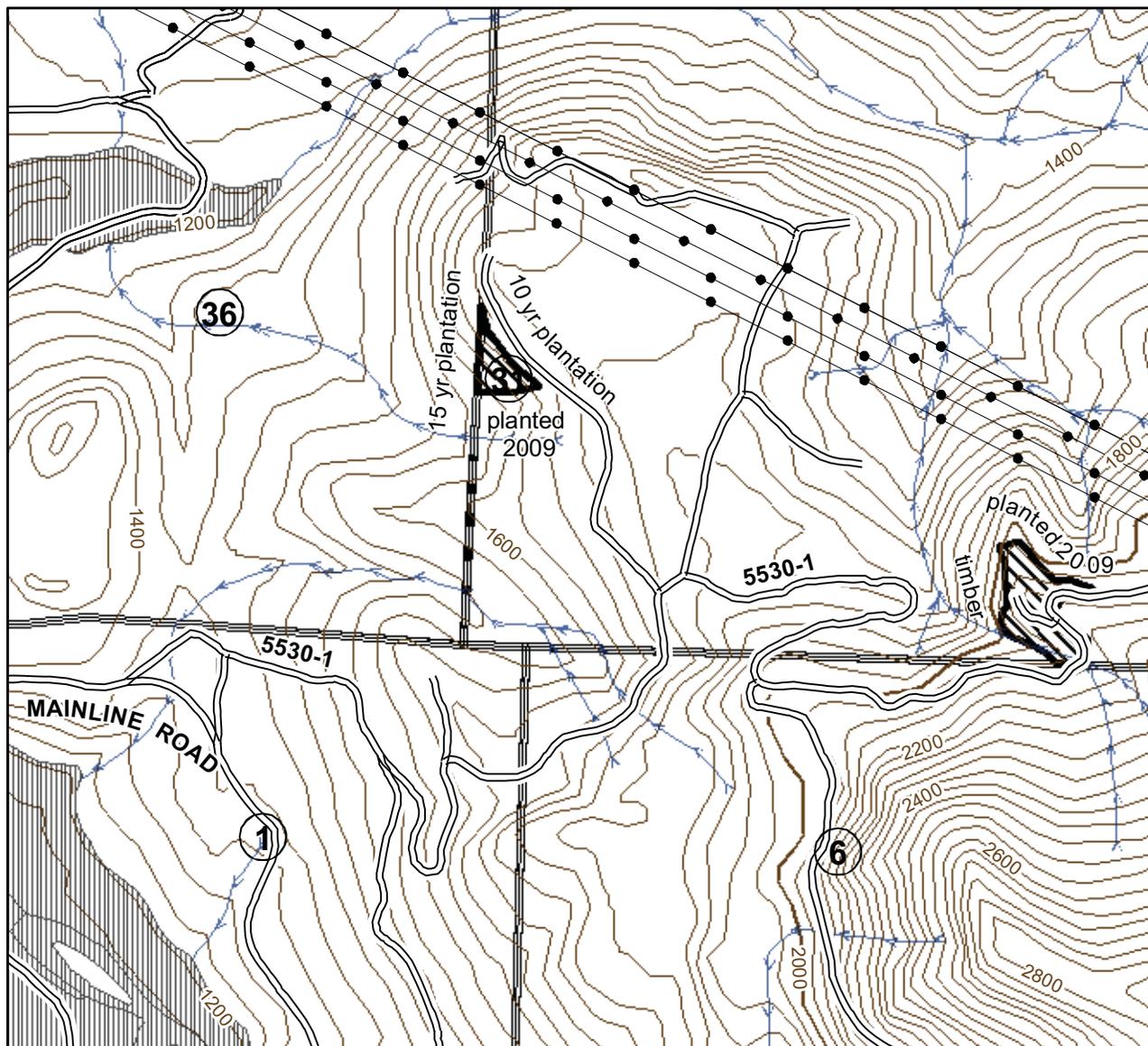
W.M.

Unit Name: *Gale TS Units 1 & 2*

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



Vicinity Map, see page 67

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Black Diamond*

Trust: 3

County: *KIng*

Section: 9

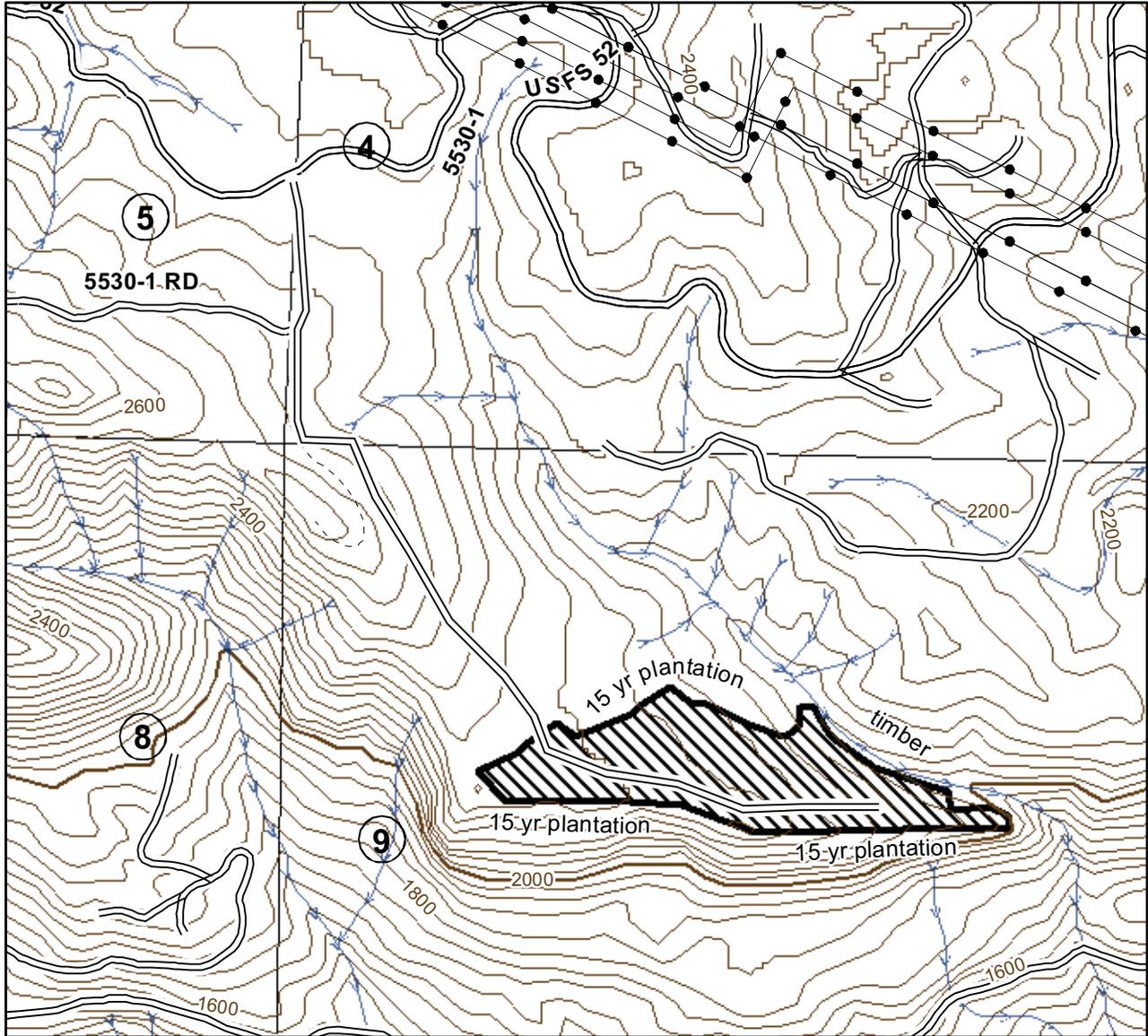
Township: *20 North* Range: *9 East* W.M.

Unit Name: *Gale TS Unit 3*

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



Vicinity Map, see page 67

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Black Diamond*

Trust: 3

County: *KIng*

Section: 4,5

Township: 20 North Range: 9 East

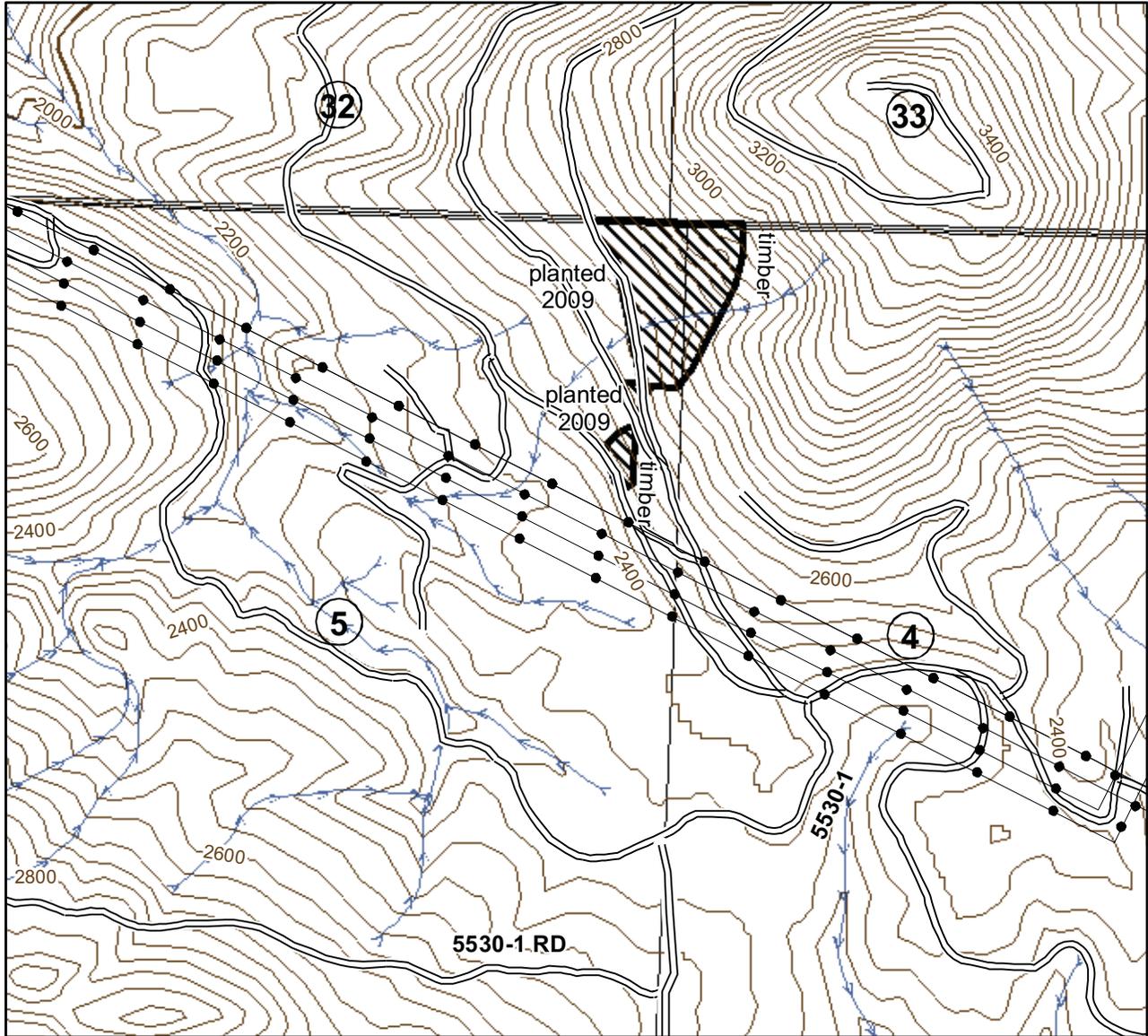
W.M.

Unit Name: *Gale TS Unit 4*

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



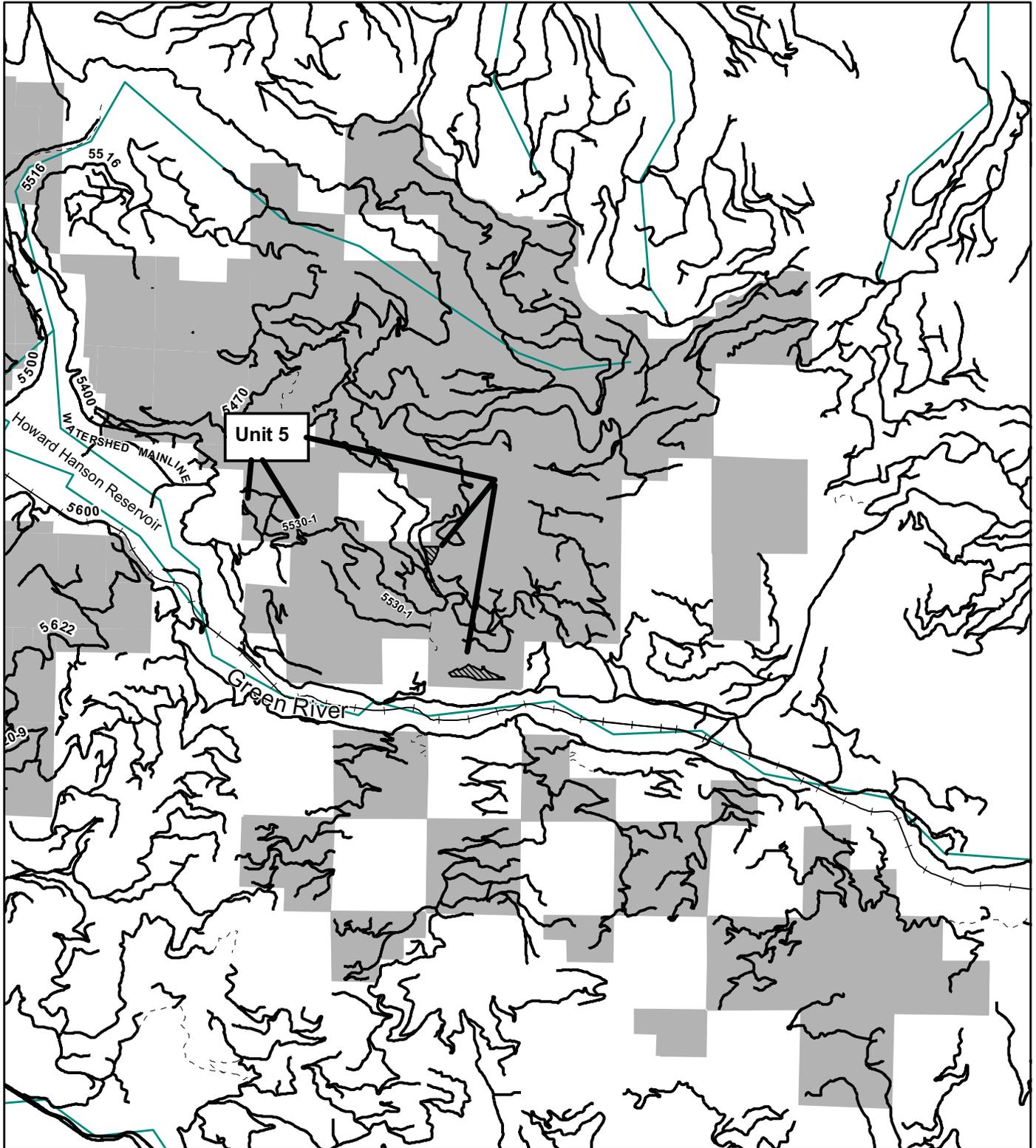
Vicinity Map, see page 67

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Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



Legend

-  Treatment Area
-  DNR Managed Lands

SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1255**

Region **South Puget Sound**

District **Snoqualmie**

Local **Marckworth**

Unit Name **Slash Recovery Interplant**

Item Number **2**

Unit Number **6**

Trust **07-80%, 11-10%, 01-5%, 09-5%**

Sections 11, 12, & 14, T26N, R07E, W.M.; Sections 35 & 36 T27N, R07E, W.M.; Section 31 T27N, R08E, W.M.; Sections 6 & 17 T26N, R07E, W.M.; Section 6, T26N, R08E, W.M.; Section 17, T24N, R07E W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting **360**

Planting Stock

Species **DF**

Contract

Period **January 18, 2010 to March 31, 2010**

Type **1+1**

Net

Minimum

Minimum

Acres **12**

Seedling Distance **8 feet**

Crew Required **7 + 1 Non-planting foreman.**

Boundaries **See Map** See unit map on pages **69 & 70.**

Special Requirements ***NOTE* These units had the slash piles chipped and removed. The areas where the piles were and the skid trails leading to them are what are to be planted. Trees shall be planted in skid trails, landing areas, and areas where slash piles were chipped and removed. Skid trails are generally within 300 feet of the roads and on slopes ranging from 0-20%. Please call Brian Williams at (425) 736-4726 with any questions.**

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.

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'-1200'**

Slope **0-20%**

Aspect **Variable**

Snow Period **December to February**

Slash **Light**

Duff **Light**

Vegetation **Light**

Soils **Gravelly Loam**

Access **See Map. All gate combos are 1255 (same as contract number)**

Trees/Acre

To Plant **360**

Spacing **11 x 11**

Total

Quantity **4,320**

Additional Comments **Please call Brian Williams at (425) 736-4726 with any questions.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: South Puget Sound Unit: Snoqualmie

Trust: 1,3,7,11

County: King, Snohomish Section:

Township: 26 North
27 North

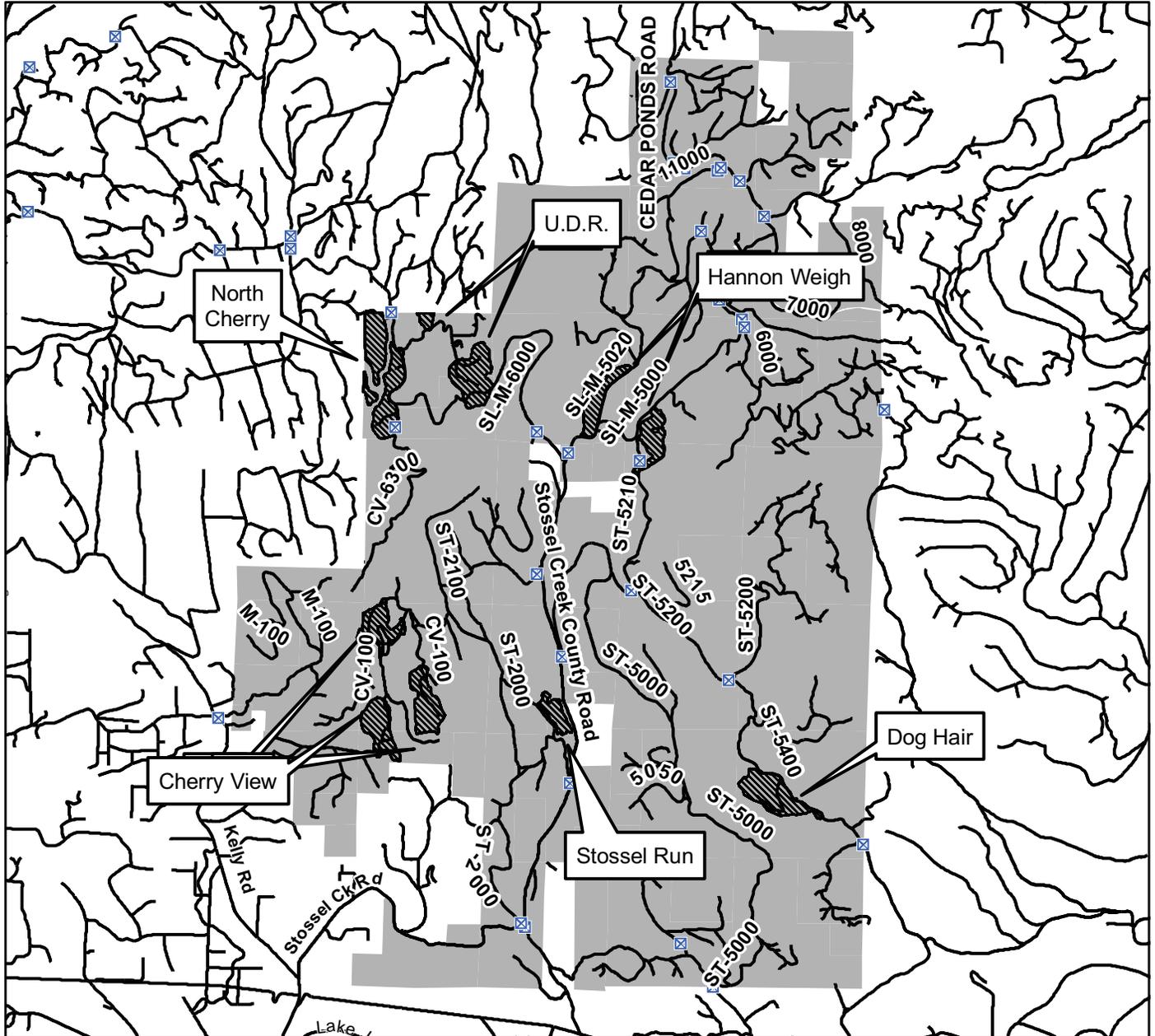
Range: 7 East
8 East

Unit Name: Marckworth Recovery

Item Number: 2

Unit Number: 6

Approximate Scale 1" = 6,500'



Legend

-  Unit Location
-  DNR Managed Lands
-  Roads
-  Gates



Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors and omissions. Therefore, no warranties accompany this material.

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Snoqualmie*

Trust: 1

County: *King*

Section: 17

Township: 24 North

Range: 7 East

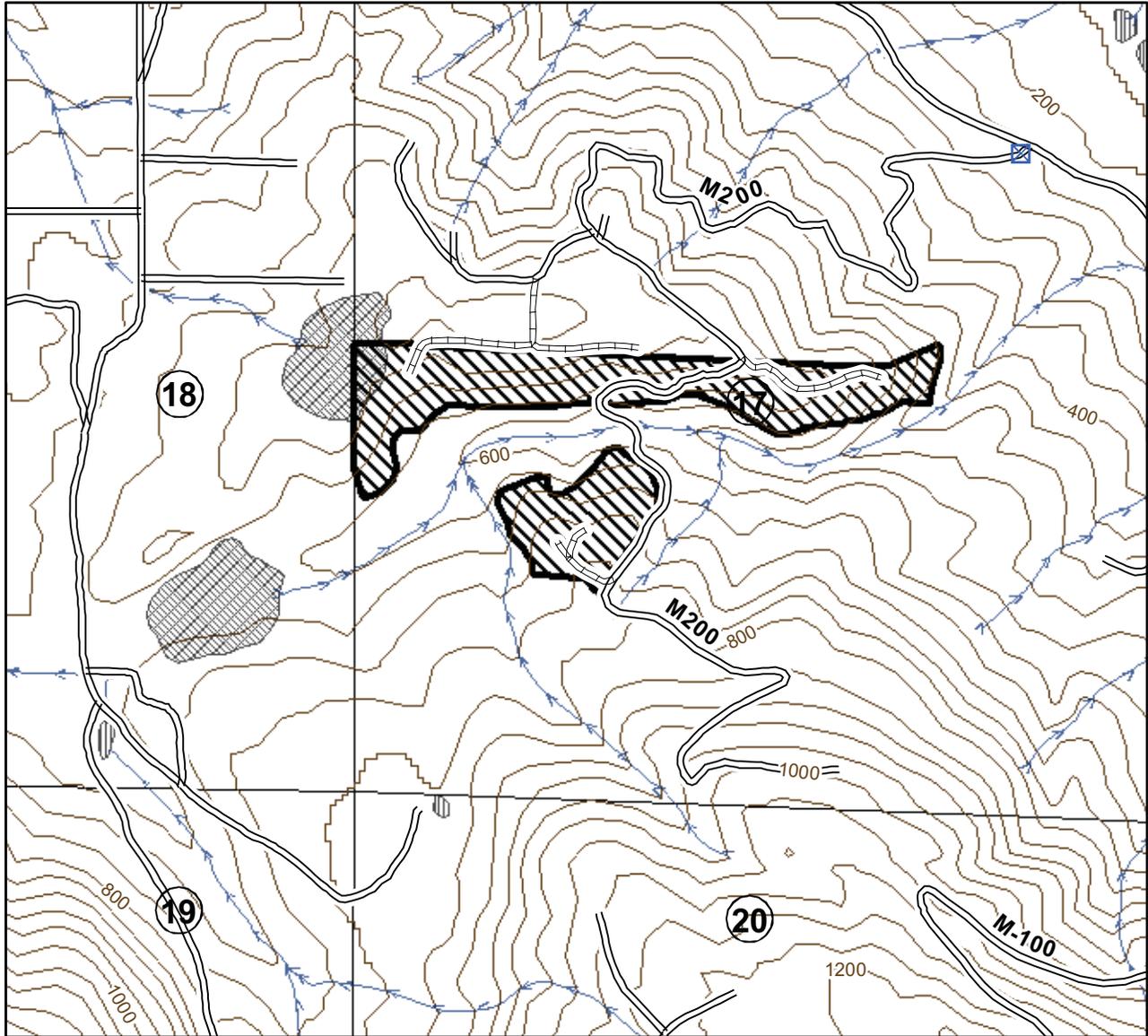
W.M.

Unit Name: *Marckworth Recovery - Mitchell Forestry*

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 | |



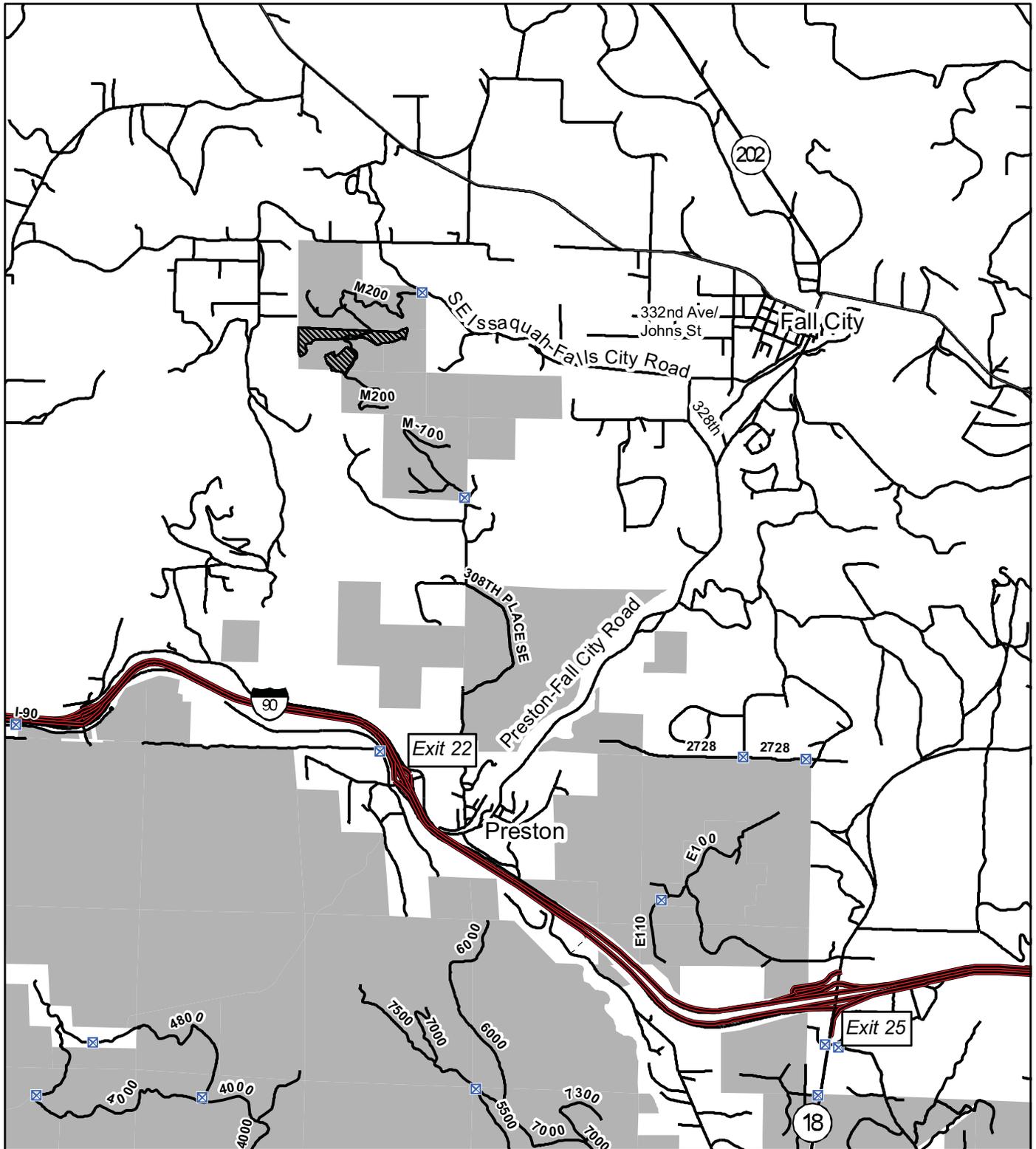
Vicinity Map, see page 71

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



Legend

-  Treatment Area
-  DNR Managed Lands
-  Roads
-  Gates



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound**

District: **SPS**

Local: **Elbe**

Unit Name: **Big Beaver TS 1A – 1I
2A – 2H, 3A – 3E, 4A – D
5A – 5D, 6A – 6C**

Item Number: **3**

Unit Number: **1**

Trust: **01, 03**

Section **18** Township **15N**, Range **6E**, W.M
12 Township **15N**, Range **5E**, W.M.

SPECIFICATIONS

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

Planting Stock
Species: **DF WRC**

Contract
Period: **February 1 to April 15, 2010**

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

Net
Acres: **44**

Minimum
Crew Required: **8**

Boundaries: **Big beaver units are surrounded by reprod and mature timber boundaries. The planting areas are small regeneration areas within the large unit. See unit map on pages 73 & 75.**

Special Requirements: **Plant DF and WRC throughout the regeneration areas. 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: **12' x 12'** Quantity: **15840**

Additional Comments: **Seedling allocation: DF = 13200 (300/Ac), WRC=2640 (60/Ac). Please call Brett Turner at (360) 801-0737 with any questions.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Elbe*

Trust: 1,6 & 7

County: *Pierce*

Section: 7,18

12,13

Township: 15 North

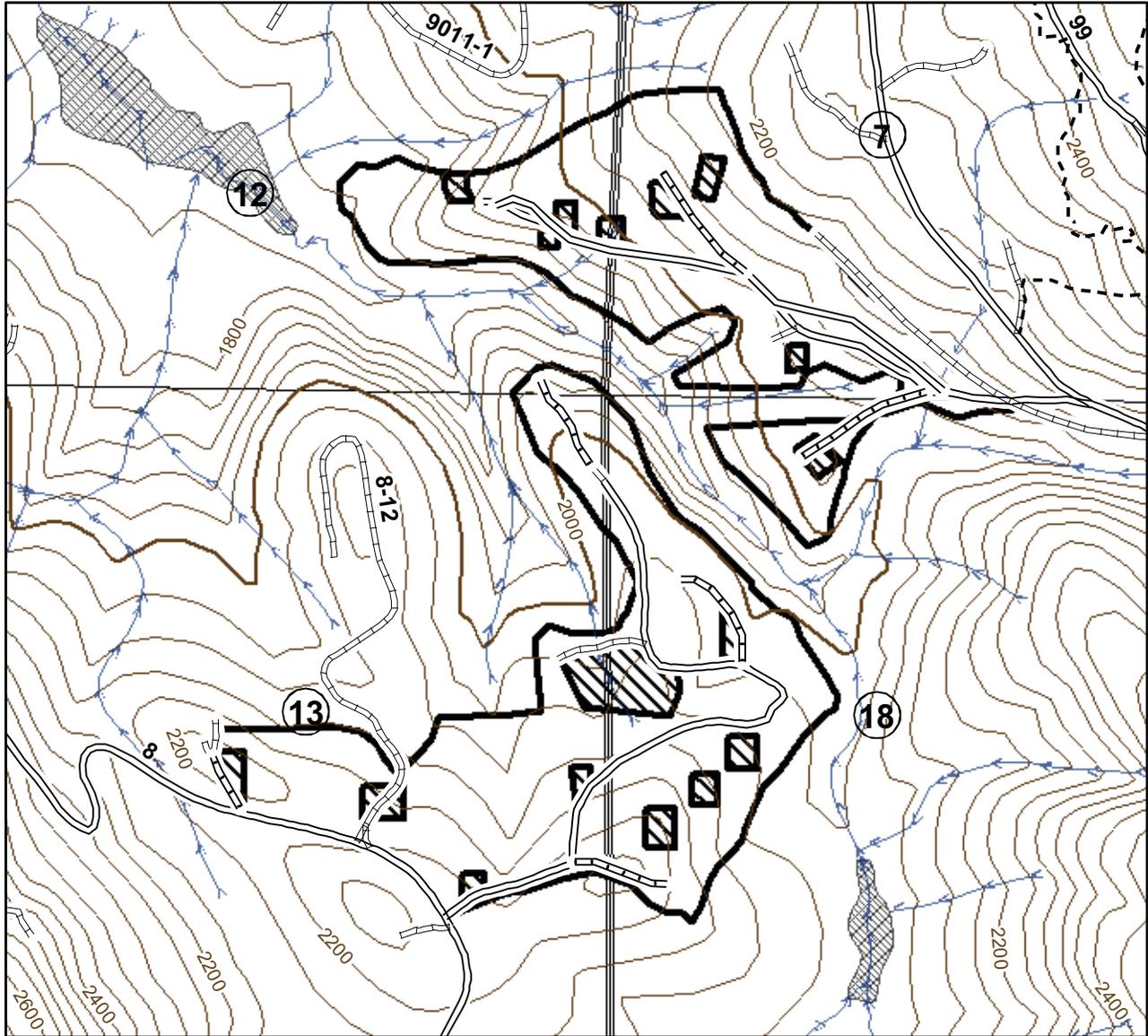
Range: 6 East
5 East

W.M.

Unit Name: *Big Beaver TS Units 1 & 2* 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 | | |

Vicinity Map, see page 76

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Elbe*

Trust: 1 & 6

County: *Pierce*

Section: 1,12

Township: 15 North

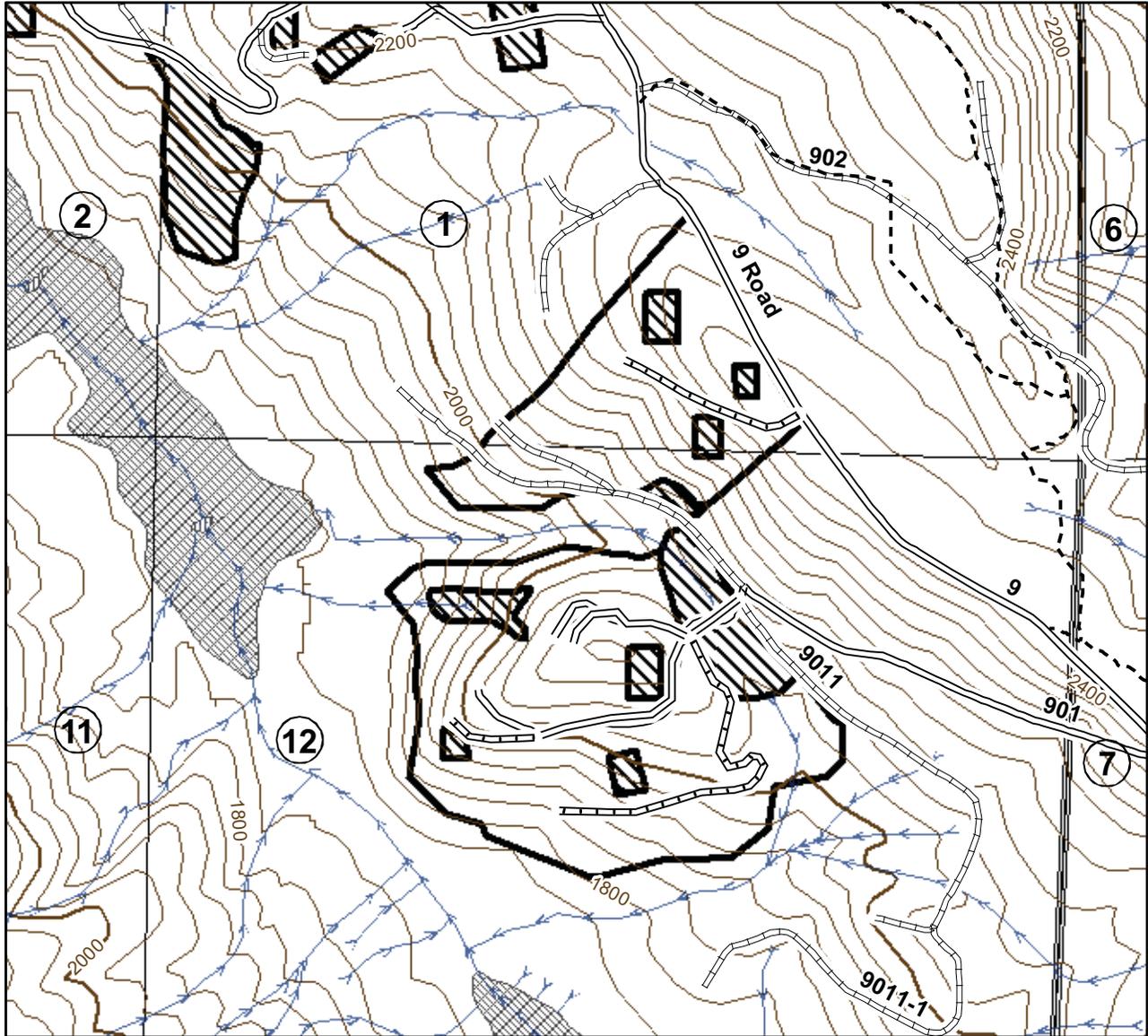
Range: 5 East

W.M.

Unit Name: *Big Beaver TS Units 3 & 4* 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 | | |



Vicinity Map, see page 76

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Elbe*

Trust: 1 & 3

County: *Pierce*

Section: 1,2
35,36

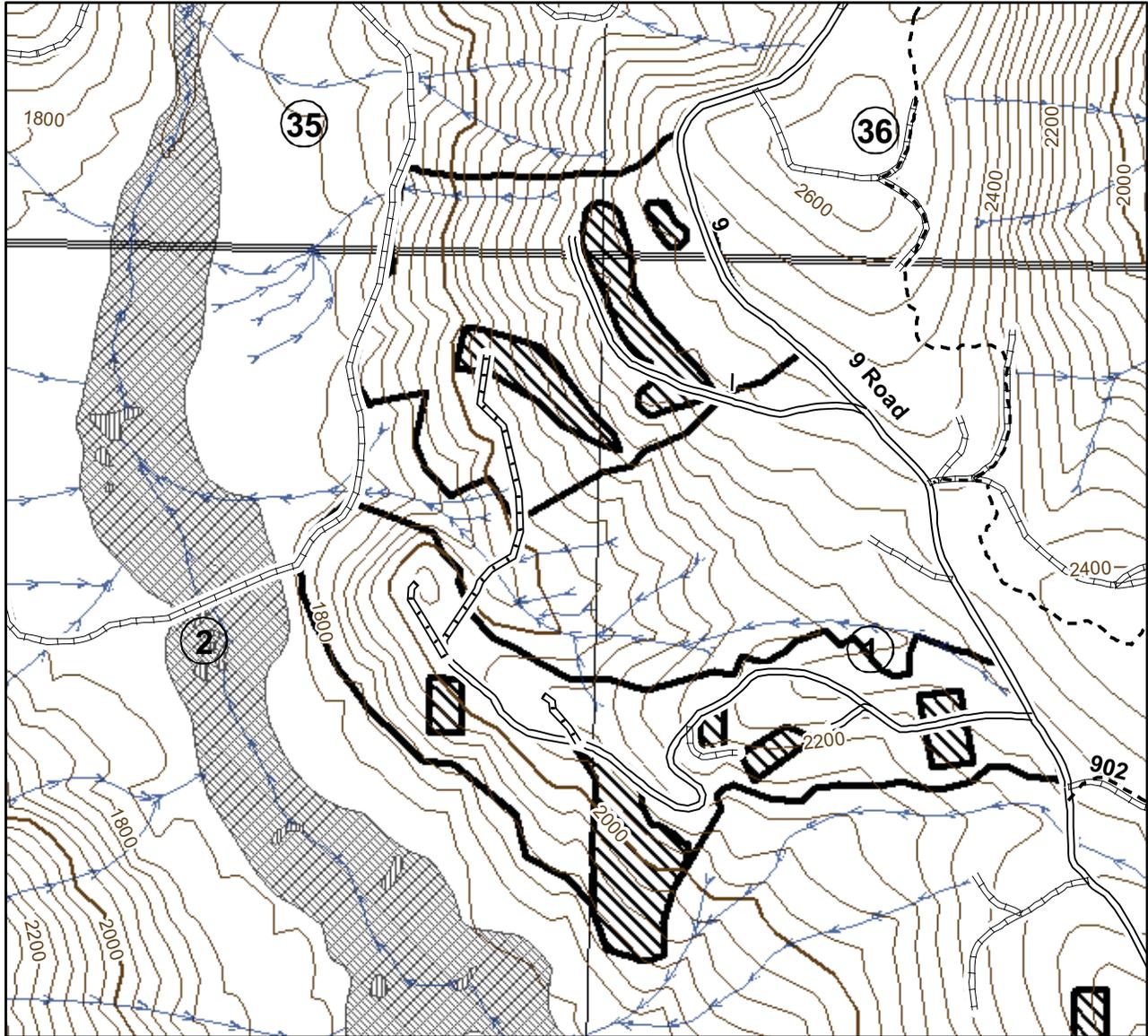
Township: 15 North
16 North

Range: 5 East W.M.

Unit Name: *Big Beaver TS Units 5 & 6* 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



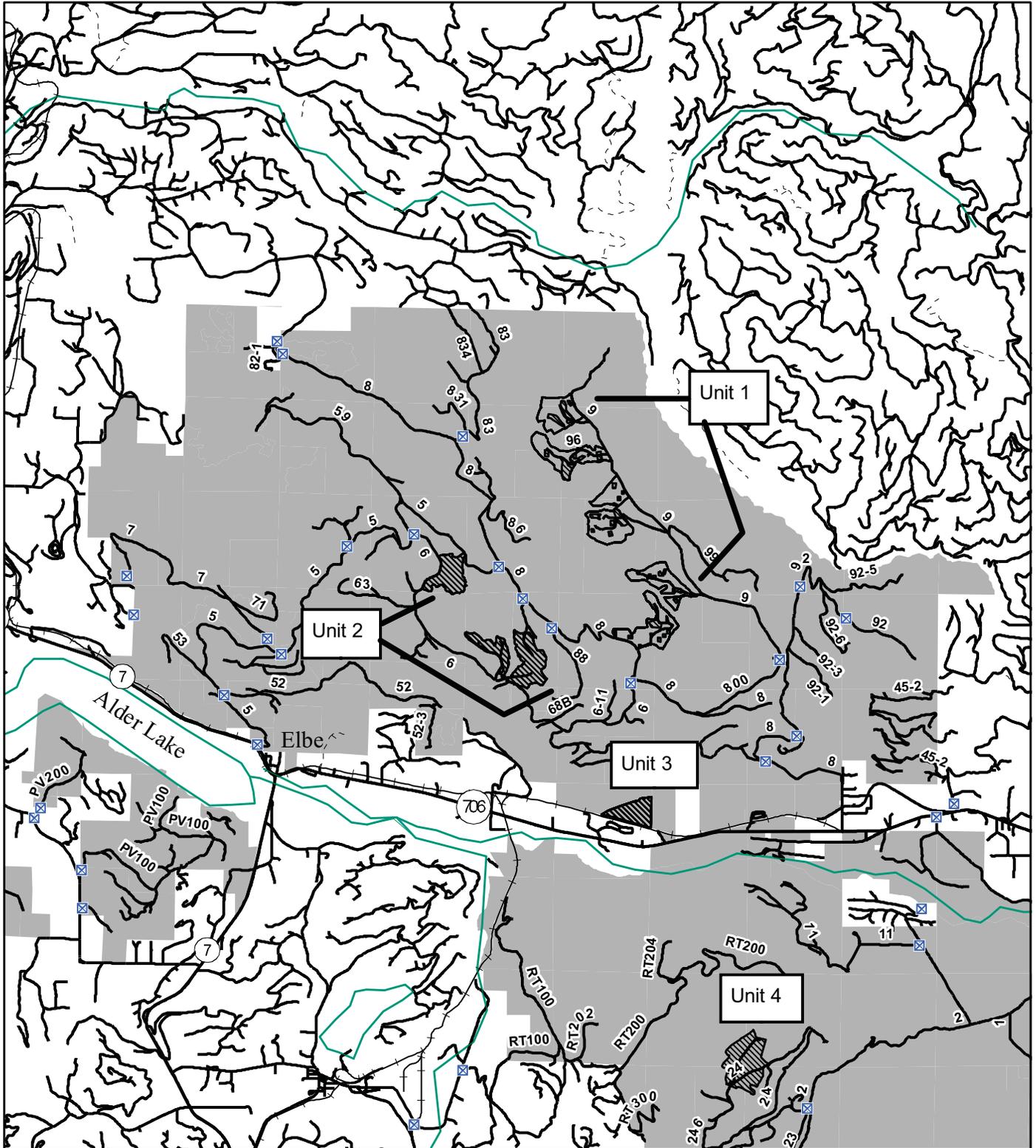
Vicinity Map, see page 76

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Vicinity Map

Tree Planting

Invitation to Bid Number: 1255



SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER 1255

Region: **South Puget Sound**

District: **ELBE**

Local: **Elbe Hills**

Unit Name: **Whiskers TS 1A, 1B, 1C, 1D, 1E, 1F**

Item Number: **3**

Unit Number: **2**

Trust: **01**

2A, 2B, 2C, 2D

3A, 3B, 3C, 3D, 3E

Section **10, 14** Township **15** Range **05E**, W.M.

SPECIFICATIONS

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

Understory - 100

Planting Stock

Species: **DF WRC**

Contract

Period: **February 1 – April 15, 2010**

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

Net

Minimum

Minimum

Acres: **206**

Seedling Distance: **8 Feet**

Crew Required: **8**

CC = 21

Understory plant = 185

Boundaries: See unit map on pages **78 & 79**.

Special Requirements: **All units will have WRC understory plant throughout the units at 100 TPA. As well as a DF and WRC plant within the small regeneration areas (CC) by evenly distributing 300 Douglas fir and 60 western red cedar per acre using a 5:1 ratio. 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: **2700 ft** Slope: **0 - 44%** Aspect: **Flat, northwest** Snow Period: **December/February**

Slash: **Low** Duff: **Low**

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

Access: **5 Road to unit 1. 5 road to the 6 road. 6rd gate is locked with a 786 master. 6 rd enters the unit 2 & 3. Unit is approximately 5 miles from Ashford cooler.**

CC plant

Trees/Acre

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

Total

To Plant: **360**

Maximum Spacing: **12' x 12'**

Quantity: **7560**

Understory plant

Trees/Acre

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

Total

To Plant: **100**

Maximum Spacing: **12' x 12'**

Quantity: **18,500**

Additional Comments: **Seedling allocation: DF = 6300 (300/Ac), WRC=1260 (60/Ac). Please call Brett Turner at (360) 801-0737 with any questions.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Elbe*

Trust: 06

County: *Pierce*

Section: 10

Township: 15 North Range: 5 East

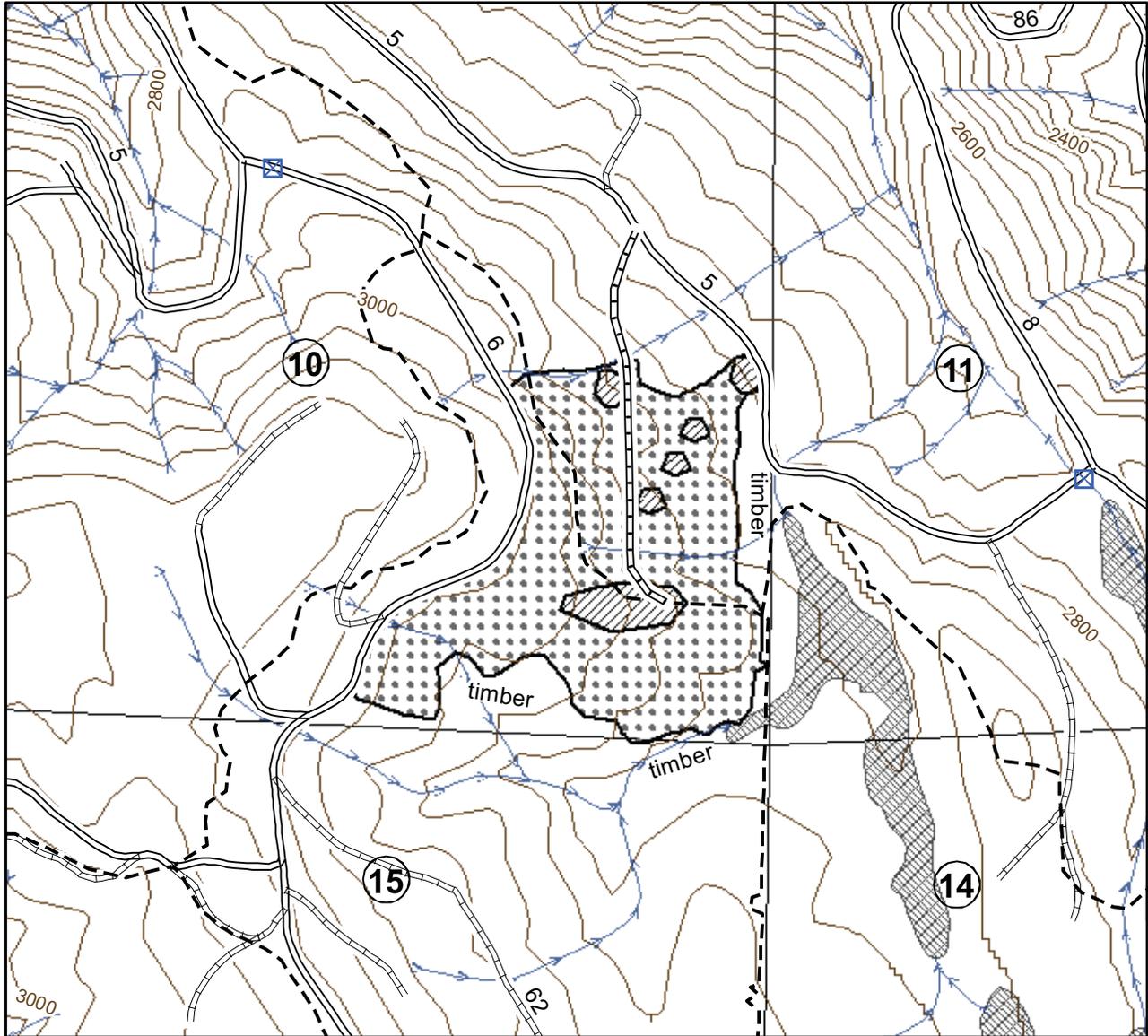
W.M.

Unit Name: *Whiskers TS Unit 1*

Item Number: 3

Unit Number: 2

Approximate Scale 1" = 1000'



Legend

- | | | | |
|--|---------------------|---|-----------------|
|  | Clear-cut Areas |  | Streams |
|  | Understory Planting |  | Lakes and Ponds |
|  | All-Weather Roads |  | Wetlands |
|  | Non-Driveable |  | 40 ft. Contours |
|  | Recreation Trail | | |



Vicinity Map, see page 76

Due to changing ownership status and reliance on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Unit Map

Tree Planting

Invitation to Bid Number: 1255

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

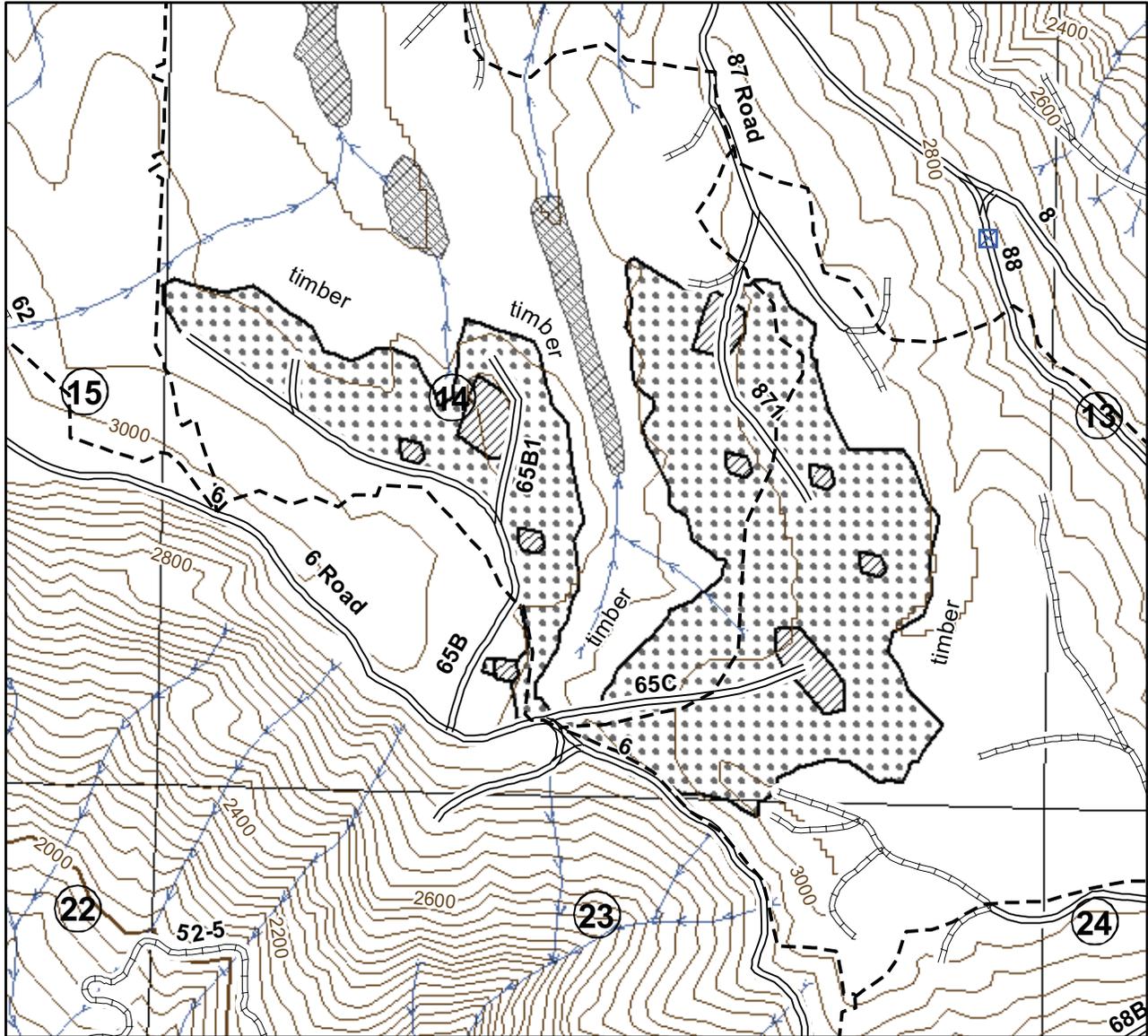
Trust: *01 & 06*

County: *Pierce* Section: *14 & 23* Township: *15 North* Range: *5 East* W.M.

Unit Name: *Whiskers TS Unit 2 & 3* Item Number: *3*

Unit Number: *2*

Approximate Scale 1" = 1000'



Legend

- | | |
|--|---|
|  Clear-cut Areas |  Streams |
|  Understory Planting |  Lakes and Ponds |
|  All-Weather Roads |  Wetlands |
|  Non-Driveable |  40 ft. Contours |
|  Recreation Trail | |



Vicinity Map, see page 76

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SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1255**

Region: **South Puget Sound**

District: **SPS**

Local: **Elbe**

Unit Name: **School House TS Unit 1**

Item Number: **3**

Unit Number: **3**

Trust: **01**

Section **25** Township **15N**, Range **5E**, W.M.

SPECIFICATIONS

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

Planting Stock
Species: **DF WRC**

Contract
Period: **February 1 to April 15, 2010**

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

Net
Acres: **44**

Minimum
Crew Required: **8**

Boundaries: **School House units are surrounded by reprod and mature timber boundaries.** See unit map on page **81**.

Special Requirements: **Plant DF and WRC 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: **1300 - 1500 ft** Slope: **0-20%** Aspect: **South** Snow Period: **Dec. 1 to Feb. 28**

Slash: **Low** Duff: **Low**

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

Access: **Hwy 706. Unit is approximately 3 miles from Ashford cooler.**

Trees/Acre	Minimum Spacing: 8' x 8'	Total
To Plant: 360	Maximum Spacing: 12' x 12'	Quantity: 15840

Additional Comments: **Seedling allocation: DF = 13200 (300/Ac), WRC=2640 (60/Ac). Please call Brett Turner at (360) 801-0737 with any questions.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Elbe*

Trust: *01*

County: *Pierce*

Section: *25*

Township: *15 North*

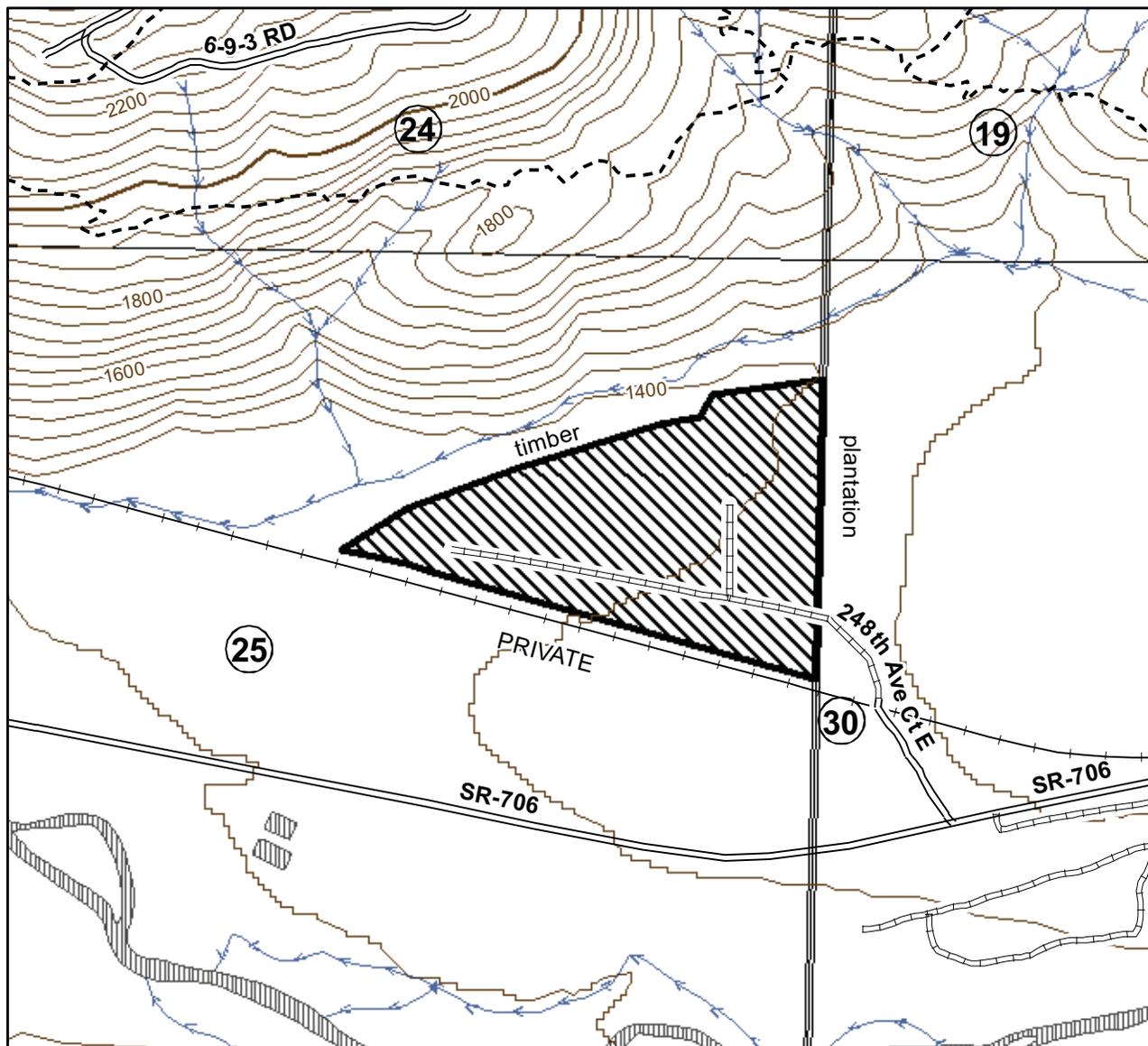
Range: *5 East* W.M.

Unit Name: *Schoolhouse*

Item Number: *3*

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



Vicinity Map, see page 76

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SECTION III, UNIT DESCRIPTION

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1255**

Region: **South Puget Sound**

District: **SPS**

Local: **Elbe**

Unit Name: **Cougarilla**

Item Number: **3**

Unit Number: **4**

Trust: **01**

Section **5, 6, 7, 8** Township **14N**, Range **6E**, W.M

SPECIFICATIONS

Seedlings Required Per Acre After Planting: **100**

Planting Stock
Species: **WRC**

Contract

Period: **February 1 to April 15, 2010**

Type: **P+1**

Net

Acres: **128**

Minimum

Crew Required: **8**

Boundaries: Cougarilla **unit is surrounded by mature timber boundaries.** See unit map on page **83**.

Special Requirements: **Plant 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: **3300 - 3600 ft** Slope: **15-60%** Aspect: **Southwest** Snow Period: **Dec. 1 to Feb. 28**

Slash: **Low**

Duff: **Low**

Vegetation: **Moderate**

Soils: **Loam**

Access: **USFS 85 Road to the Cat Creek road. Follow Cat Creek rd to the 1 rd . Follow the 1 rd to the 2 rd. Follow 2 rd to the 24 rd. 24 rd enters the unit.**

Trees/Acre
To Plant: **100**

Minimum Spacing: **8' x 8'**
Maximum Spacing: **12' x 12'**

Total
Quantity: **12800**

Additional Comments: **Seedling allocation: WRC=12800 (100/Ac). Please call Brett Turner at (360) 801-0737 with any questions.**

Unit Map

Tree Planting

Invitation to Bid Number: 1255

Region: *South Puget Sound*

Unit: *Elbe*

Trust: *01*

County: *Lewis*

Section: *5,6,7 & 8*

Township: *14 North*

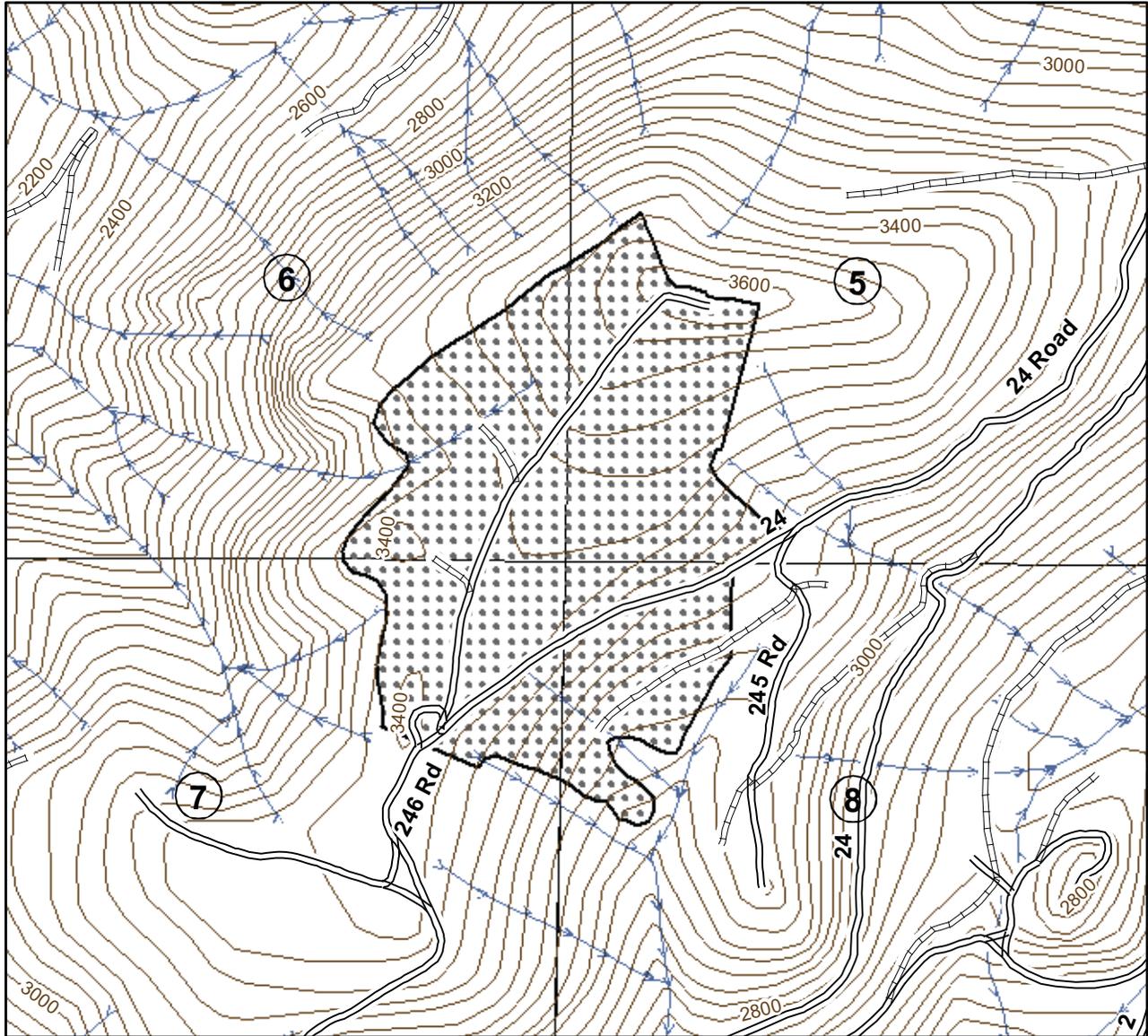
Range: *6 East* W.M.

Unit Name: *Cougarilla*

Item Number: *3*

Unit Number: *4*

Approximate Scale 1" = 1000'



Legend

- | | |
|--|---|
|  Understory Planting |  Streams |
|  All-Weather Roads |  Lakes and Ponds |
|  Non-Driveable |  Wetlands |
|  Recreation Trail |  40 ft. Contours |



Vicinity Map, see page 76

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SECTION IV

SECTION IV
BID FORM

TREE PLANTING

INVITATION TO BID/CONTRACT NUMBER **1255**

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 **1255**.

Item No.	Unit No.	Acres ¹	Unit Bid Price (Per Acre)	Unit Total ²
1	1	146	\$ _____/Ac	\$ _____
	2	195	\$ _____/Ac	\$ _____
	3	82	\$ _____/Ac	\$ _____
	4	128	\$ _____/Ac	\$ _____
	5	5	\$ _____/Ac	\$ _____
	6	125	\$ _____/Ac	\$ _____
	7	68	\$ _____/Ac	\$ _____
	8	114	\$ _____/Ac	\$ _____
	9	140	\$ _____/Ac	\$ _____
	10	135	\$ _____/Ac	\$ _____
	11	173	\$ _____/Ac	\$ _____
1		1311	Total Item Bid	\$ _____
2	1	79	\$ _____/Ac	\$ _____
	2	195	\$ _____/Ac	\$ _____
	3	80	\$ _____/Ac	\$ _____
	4	65	\$ _____/Ac	\$ _____
	5	50	\$ _____/Ac	\$ _____
	6	12	\$ _____/Ac	\$ _____
2		481	Total item Bid	\$ _____

Item No.	Unit No.	Acres ¹	Unit Bid Price (Per Acre)	Unit Total ²
3	1	44	\$ _____/Ac	\$ _____
	2	206	\$ _____/Ac	\$ _____
	3	44	\$ _____/Ac	\$ _____
	4	128	\$ _____/Ac	\$ _____
3		422	Total item Bid	\$ _____

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.

¹An approximate number.

²Exclusive of Washington State Sales Tax.

