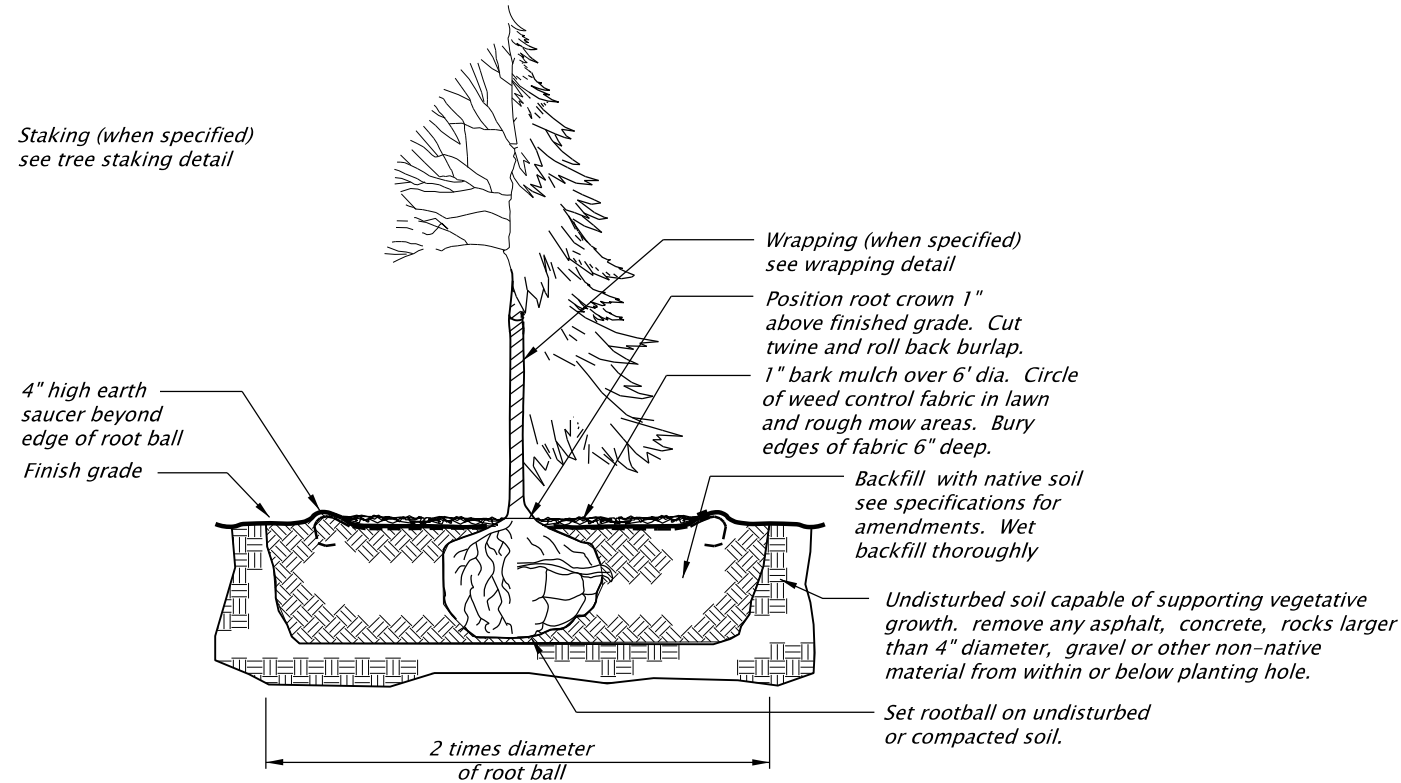


General Planting Notes:

- * Ensure that trees are planted beyond the "clear zone". Verify with the engineer prior to planting.
- * Adjust planting locations so that vegetation doesn't conflict with above – or below–ground utilities.
- * Locate underground utility lines prior to digging tree holes.
- * Adjust plant locations to avoid conflict with traffic sight lines and signs or other appurtenances.
- * See 'American Standard For Nursery Stock' for plant quality minimum standards such as size of root ball or caliper of trunk.
- * All dimensions shown on details are minimum dimensions.
- * See plant list or special provisions for plant material that may need to be wild-collected or contract-grown.



TREE PLANTING

(All Forms Except Bareroot)

TREE STAKING NOTES:

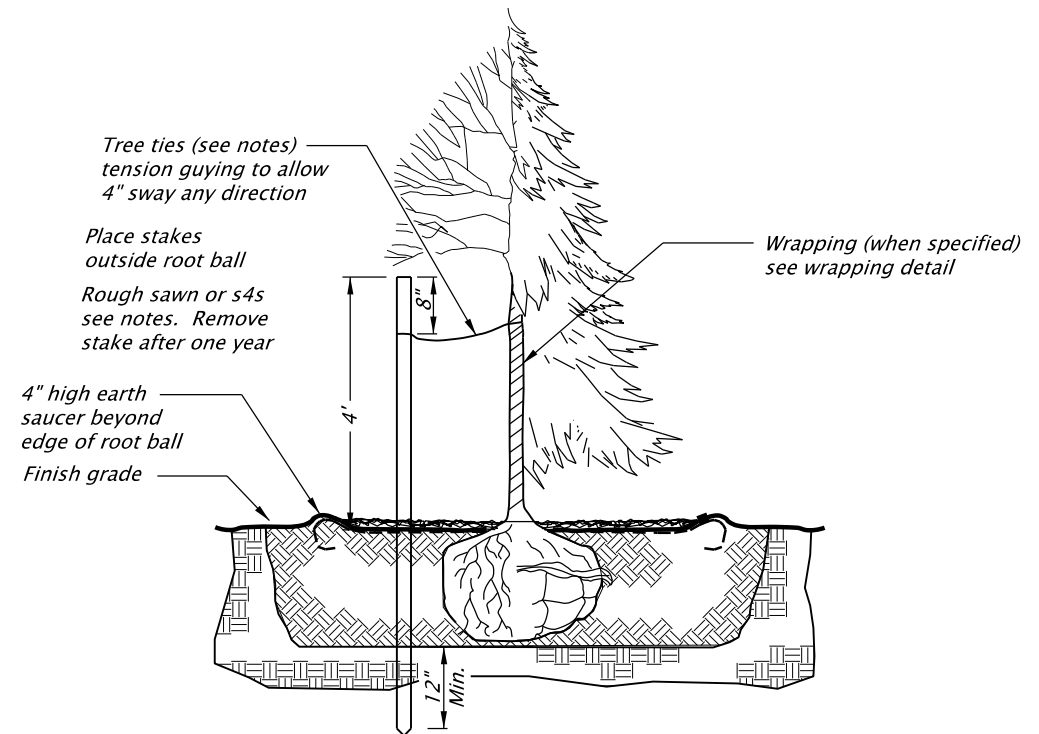
Furnish tree stakes on all tree plantings. Stakes to be construction grade, rough sawn or finished douglas fir or pine. Stain with an approved green penetrating oil. Stake size is to be 1½"x1½" by the following lengths:

- Trees 36" and shorter – use one – 6' (approx.) stake.
- Trees taller than 36" – use two – 8' (approx.) stakes.

Drive stakes vertically and at least 12" into undisturbed soil. Do not drive stakes thru root ball. Locate stakes to best resist prevailing winds where possible.

Tree ties to be either:

- Plastic chain type, approximately 1" width by ⅛" depth. Where two stakes are required, cross the ties between stakes and wrap tie once around tree. Fasten securely to stake.
- Rigid guy system as manufactured by Alpine Nursery, Boring, Oregon. The galvanized wire is to be approximately ⅛" in thickness and 24" in length. there is to be a plastic sleeve over the portion that goes around the tree. The wire tie is to go thru the wood stake and be securely fastened.



TREE STAKING DETAIL

(All Forms Except Bareroot)

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION
TECHNICAL SERVICES
DETAILS

**TREE PLANTING AND
STAKING DETAILS**

DETAIL NO.

DET6100