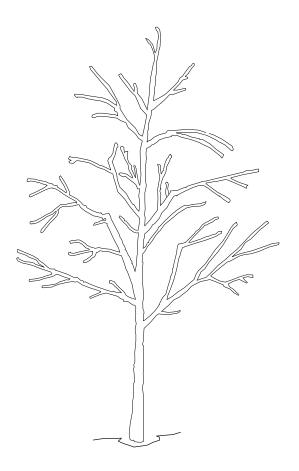


Before planting, tree has three codominant stems. The two that compete with the one in the center should be pruned to supress their growth.

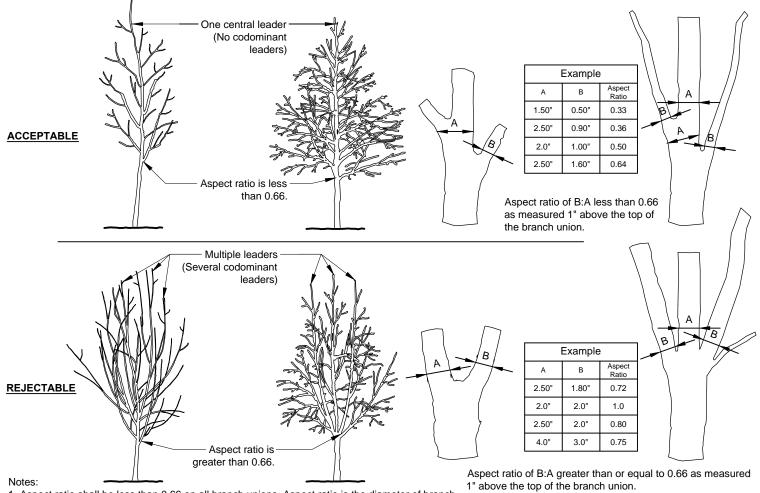
1- All trees shown are rejectable unless they undergo recommended treatment. 2- Tree shall meet crown observation detail following correction.



Two competing stems were reduced substantially, in this case remvoing about 70% of their foilage using reduction cuts.

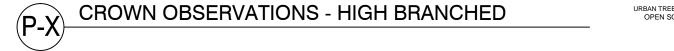


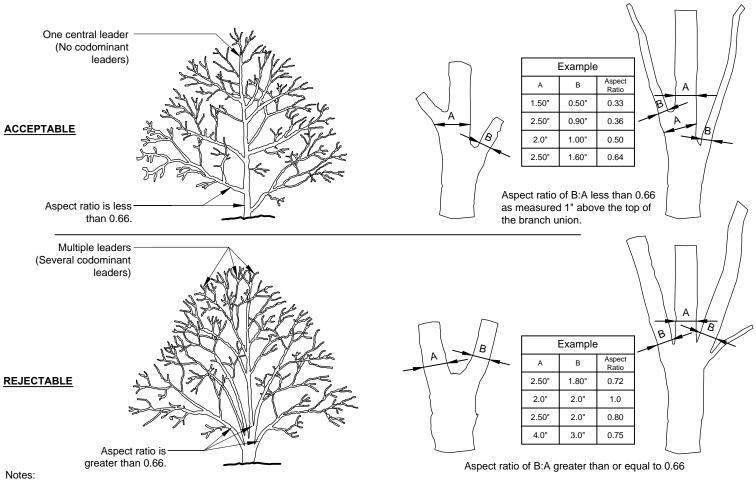
After pruning, tree has only one dominant stem.



1- Aspect ratio shall be less than 0.66 on all branch unions. Aspect ratio is the diameter of branch (B) divided by the diameter of the trunk (A) as measured 1" above the top of the branch union.

2- Any tree not meeting the crown observations detail may be rejected.





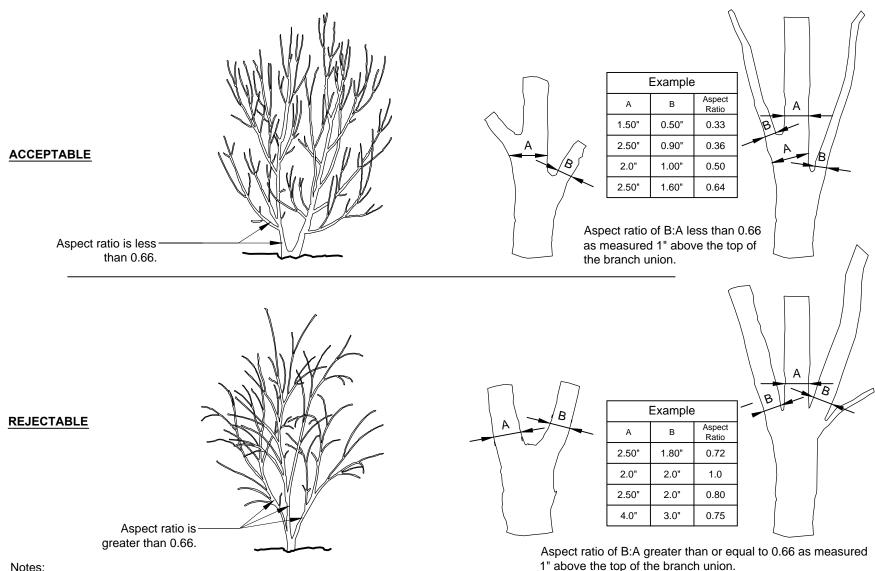
1- Aspect ratio shall be less than 0.66 on all branch unions. Aspect ratio is the diameter of branch

(B) divided by the diameter of the trunk (A) as measured 1" above the top of the branch union.

2- Any tree not meeting the crown observations detail may be rejected.

P-X CROWN OBSERVATIONS - LOW BRANCHED

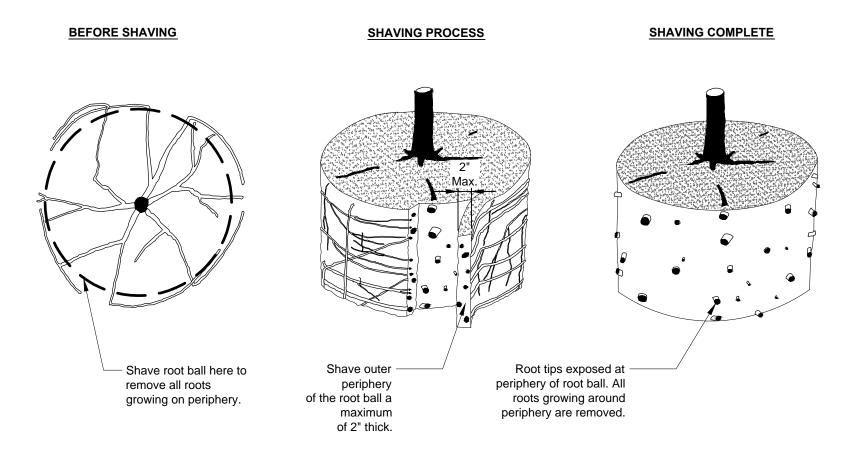
FROM http://www.urbantree.org/details specs.shtml



1- Aspect ratio shall be less than 0.66 on all branch unions. Aspect ratio is the diameter of branch (B) divided by the diameter of the trunk (A) as measured 1" above the top of the branch union.

2- Any tree not meeting the crown observations detail may be rejected.

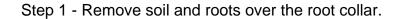


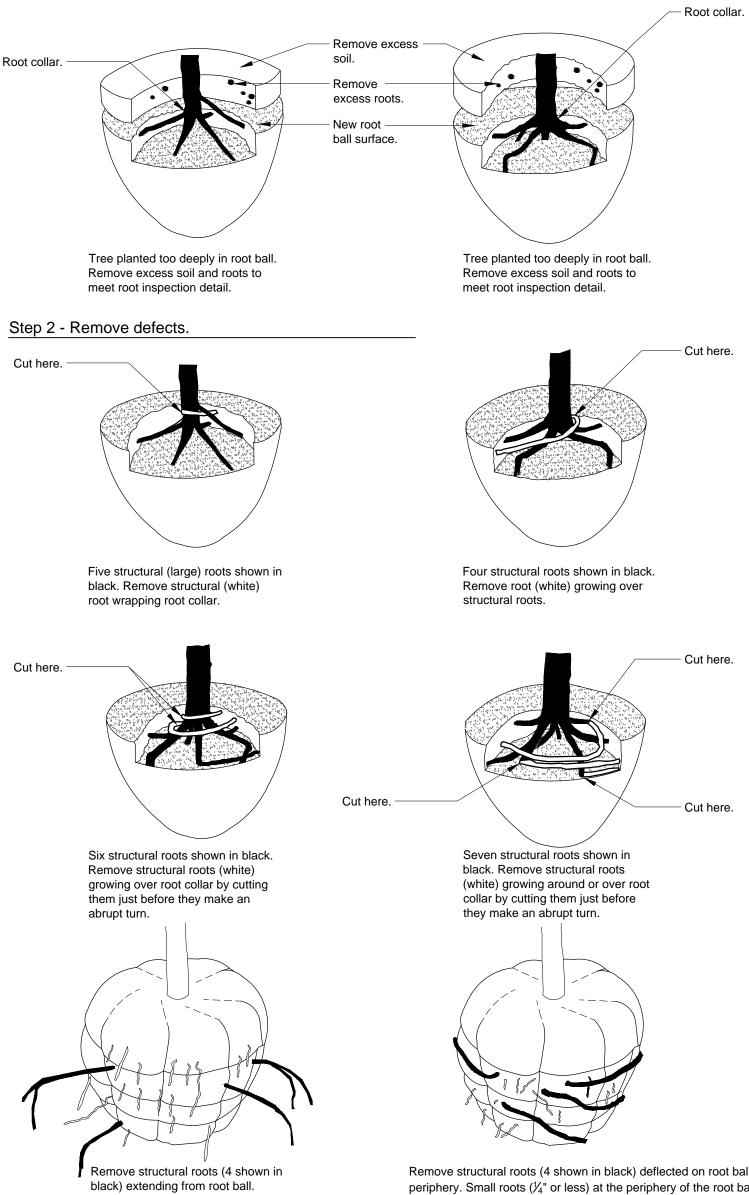


1- Shaving to be conducted using a sharp blade or hand saw eliminating no more than needed to remove all roots on the periphery of root ball.

2- Shaving can be performed just prior to planting or after placing in the hole.







Remove structural roots (4 shown in black) deflected on root ball periphery. Small roots ($\frac{1}{4}$ " or less) at the periphery of the root ball are not defined as defects and do not need to be removed.

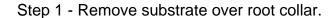
Notes:

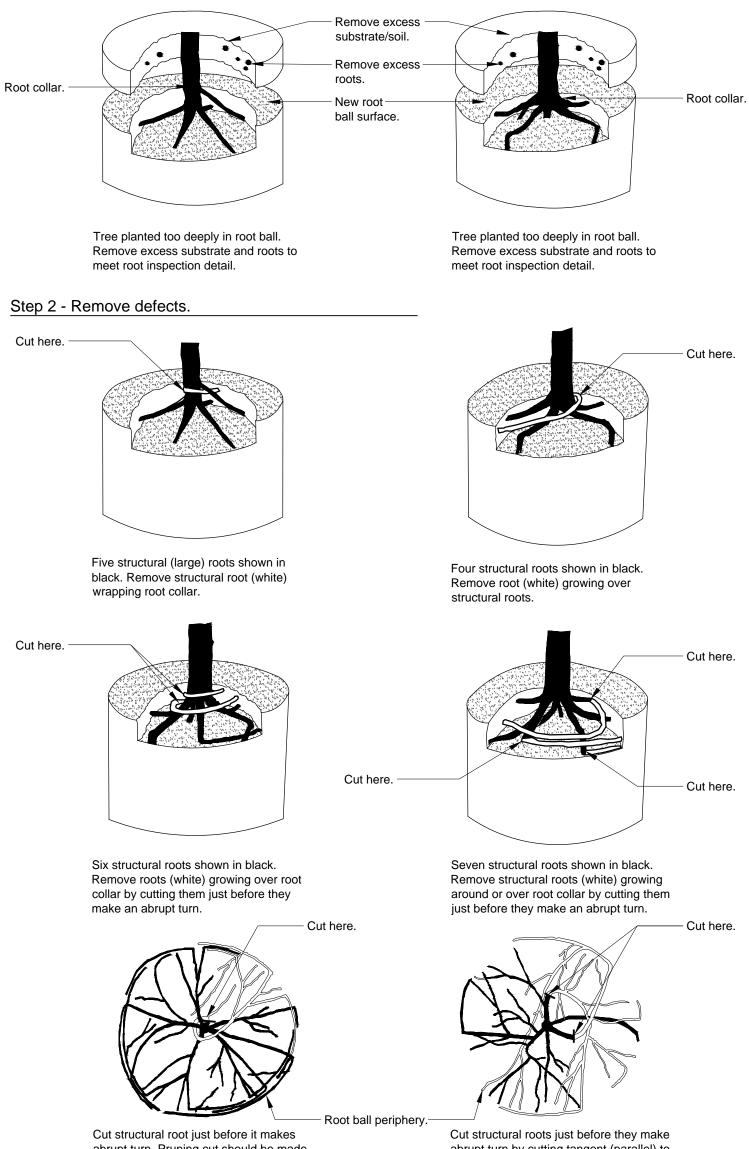
1- All trees shown are rejectable unless they undergo recommended correction.
2- First step 1, then step 2. Adjust hole depth to allow for the removal of excess soil and roots over the root collar.

3- Roots and soil may be removed during the correction process; substrate/soil shall be replaced after the correction has been completed.

4- Trees shall pass root observations detail following correction.







abrupt turn. Pruning cut should be made tangent (parallel) to the trunk.

abrupt turn by cutting tangent (parallel) to the trunk (two cuts shown).

Notes:

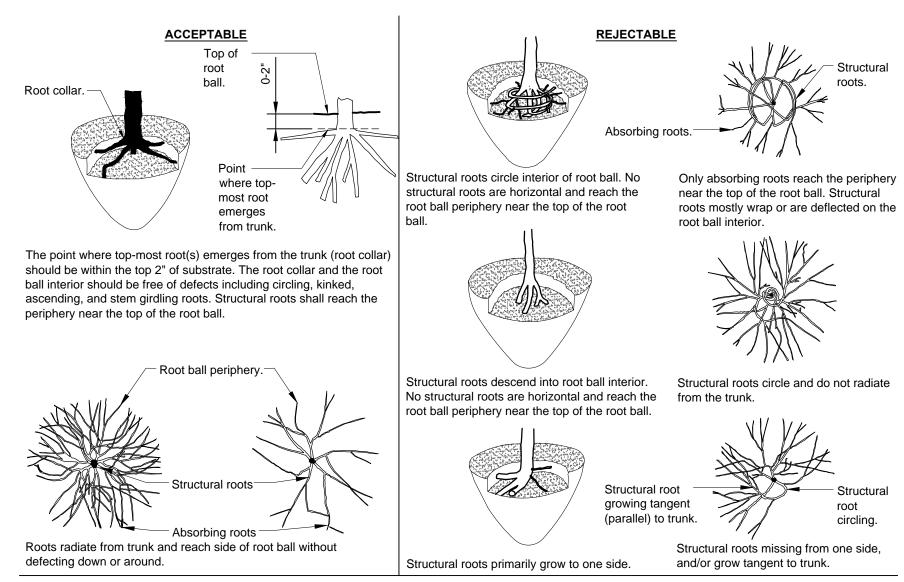
1- All trees shown are rejectable unless they undergo recommended correction.

2- First Step 1, then Step 2. Roots and soil may be removed during the correction process; substrate/soil shall be replaced after correction has been completed.

3- Trees shall meet root observations detail following correction.

4- Small roots (1/4" or less) on the periphery of the root ball are common with container plant production. These small roots are not defined as "defects" and can be addressed at the time of installation (See root ball shaving container detail).



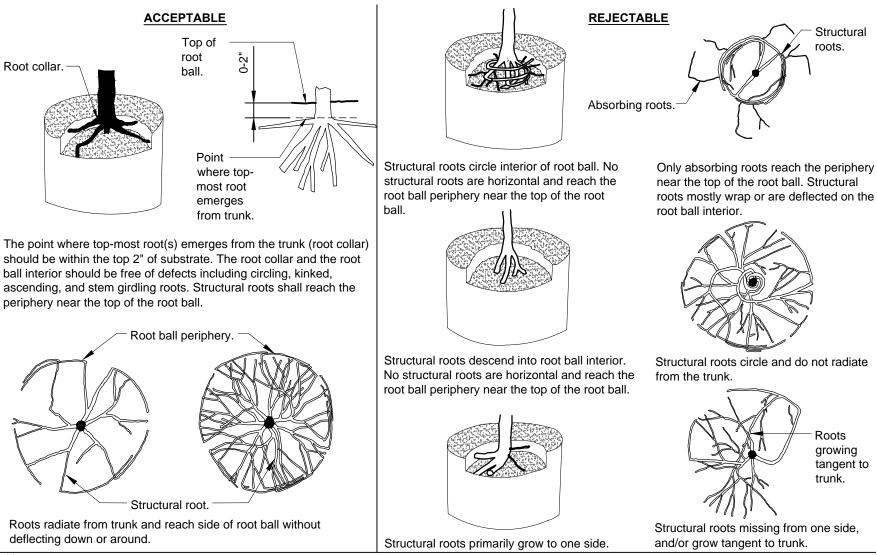


 P_{-}

1- Observations of roots shall occur prior to acceptance. Roots and soil may be removed during the observation process; substrate/soil shall be replaced after the observations have been completed.

2- See specifications for observation process and requirements.

URBAN TREE FOUNDATION © 2014 OPEN SOURCE FREE TO USE **ROOT OBSERVATIONS DETAIL - BALLED AND BURLAPPED**



1- Observations of roots shall occur prior to acceptance. Roots and substrate may be removed during the observation process; substrate/soil shall be replaced after observation has been completed.

2- Small roots (¼" or less) that grow around, up, or down the root ball periphery are considered a normal condition in container production and are acceptable however they should be eliminated at the time of planting. Roots on the periperhy can be removed at the time of planting. (See root ball shaving container detail). 3- See specifications for observation process and requirements.

