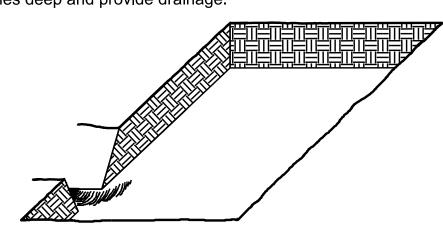
NORTH CAROLINA DEPARTMENT OF TRANSPORTAT

OADSIDE ENVIRONMENTAL UNIT

REFORESTATION

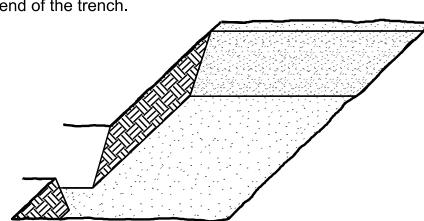
☐ TREE REFORESTATION SHALL BE PLANTED 6 FT. TO 10 FT. ON CENTER, RANDOM SPACING, AVERAGING 8 FT. ON CENTER, APPROXIMATELY 680 PLANTS PER ACRE.

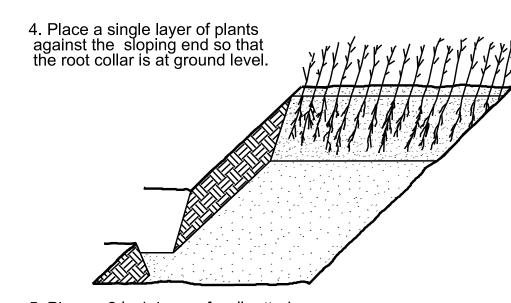
- 1. Locate a healing-in site in a shady, well protected area.
- Excavate a flat bottom trench
 inches deep and provide drainage.



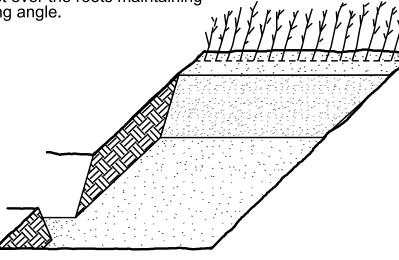
HEALING IN

3. Backfill the trench with 2 inches well rotted sawdust. Place a 2 inch layer of well rotted sawdust at a sloping angle at one end of the trench.



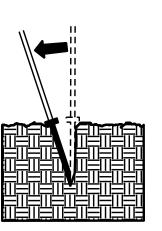


Place a 2 inch layer of well rotted sawdust over the roots maintaining a sloping angle.



6. Repeat layers of plants and sawdust as necessary and water thoroughly.

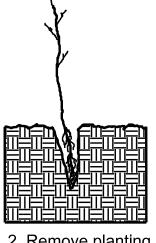
DIBBLE PLANTING METHOD USING THE KBC PLANTING BAR



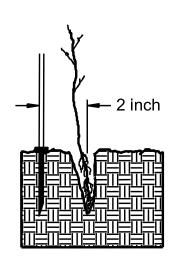
PLANTING DETAILS

SEEDLING / LINER BAREROOT PLANTING DETAIL

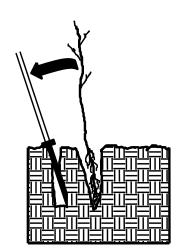
Insert planting bar as shown and pull handle toward planter.



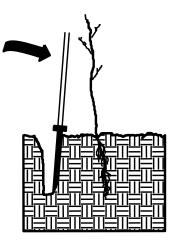
2. Remove planting bar and place seedling at correct depth.



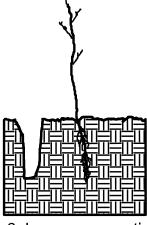
Insert planting barinches toward planter from seedling.



4. Pull handle of bar toward planter, firming soil at bottom.



5. Push handle forward firming soil at top.



6. Leave compaction hole open. Water thoroughly.

REFORESTATION

MIXTURE, TYPE, SIZE, AND FURNISH SHALL CONFORM TO THE FOLLOWING:

25% LIRIODENDRON TULIPIFERA TULIP POPLAR 12 in - 18 in BR 25% PLATANUS OCCIDENTALIS AMERICAN SYCAMORE 12 in - 18 in BR 25% NYSSA SYLVATICA **BLACK GUM** 12 in - 18 in BR 12 in - 18 in BR 25% BETULA NIGRA RIVER BIRCH

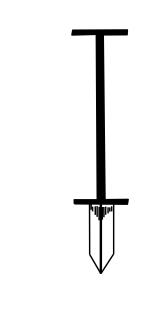
PLANTING NOTES:

PLANTING BAG
During planting, seedlings shall be kept in a moist canvas bag or similar container to prevent the root systems from drying.



KBC PLANTING BAR
Planting bar shall have a
blade with a triangular
cross section, and shall
be 12 inches long,
4 inches wide and 1 inch thick at center.

ROOT PRUNING
All seedlings shall be root
pruned, if necessary, so that
no roots extend more than
10 inches below the



REFORESTATION DETAIL SHEET

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