

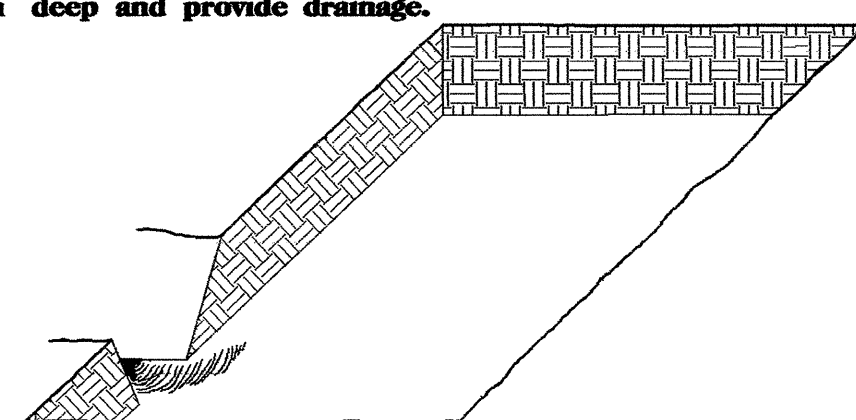
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-2734	RF-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

## PLANTING DETAILS

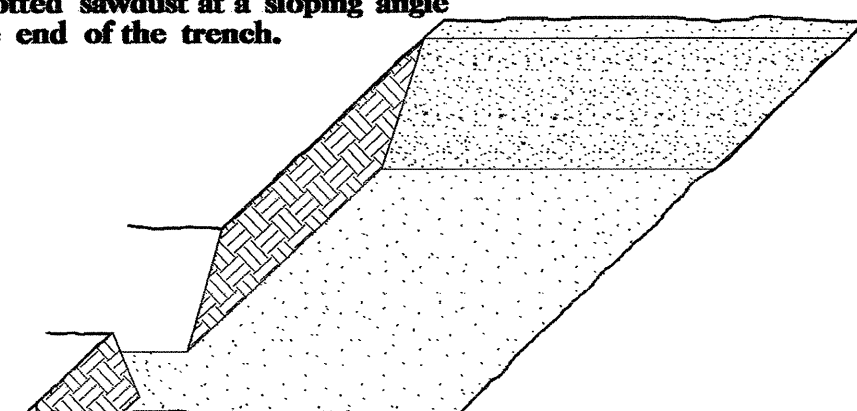
### SEEDLING / LINER BAREROOT PLANTING DETAIL

#### HEALING IN

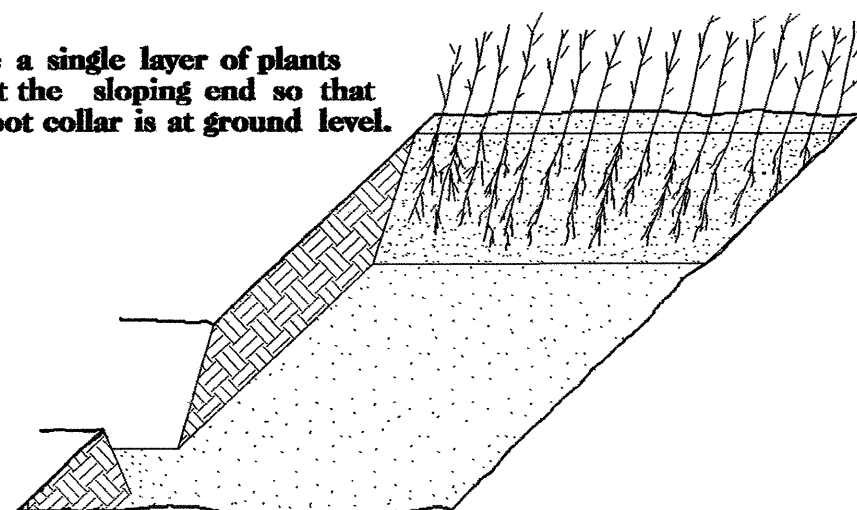
1. Locate a healing-in site in a shady, well protected area.
2. Excavate a flat bottom trench 300mm deep and provide drainage.



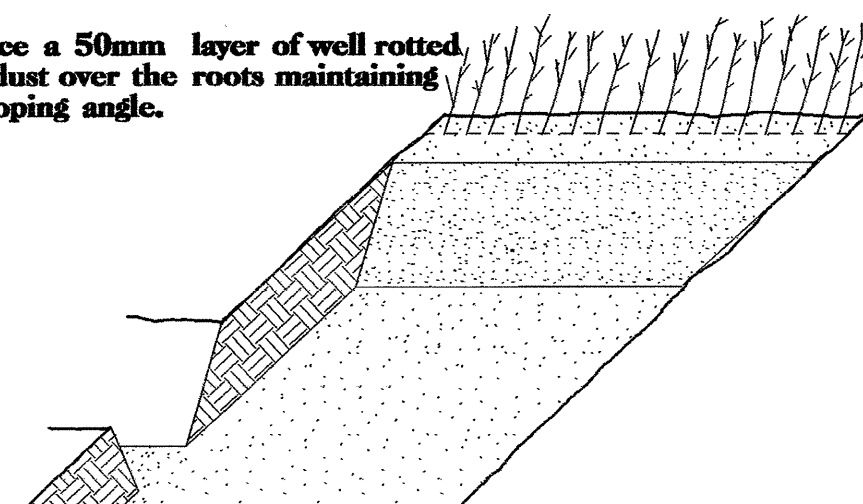
3. Backfill the trench with 50mm well rotted sawdust. Place a 50mm layer of well rotted sawdust at a sloping angle at one end of the trench.



4. Place a single layer of plants against the sloping end so that the root collar is at ground level.

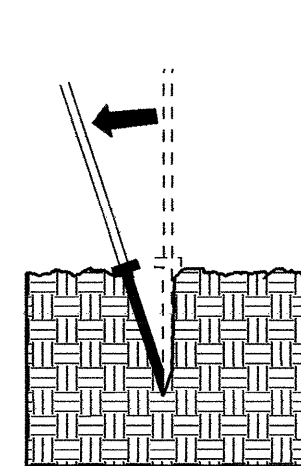


5. Place a 50mm layer of well rotted sawdust over the roots maintaining a sloping angle.

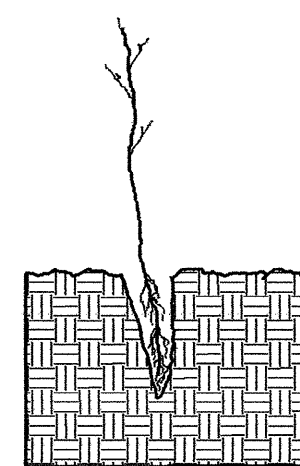


6. Repeat layers of plants and sawdust as necessary and water thoroughly.

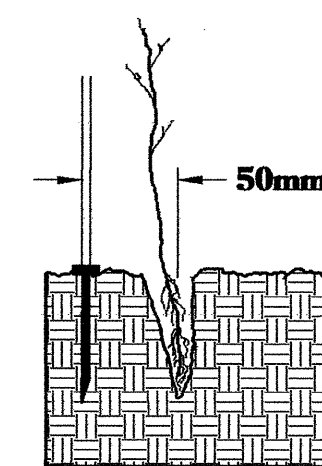
#### DIBBLE PLANTING METHOD USING THE KBC PLANTING BAR



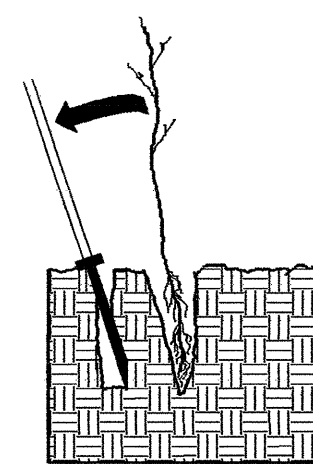
1. Insert planting bar as shown and pull handle toward planter.



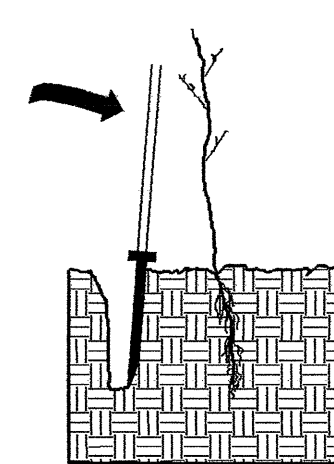
2. Remove planting bar and place seedling at correct depth.



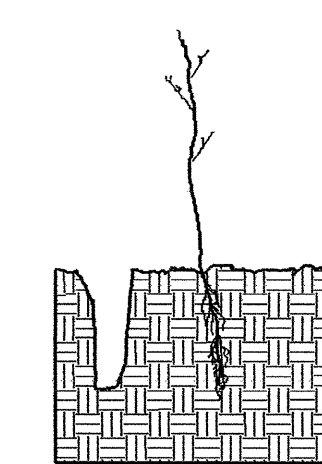
3. Insert planting bar 50mm toward planter from seedling.



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.

#### 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.



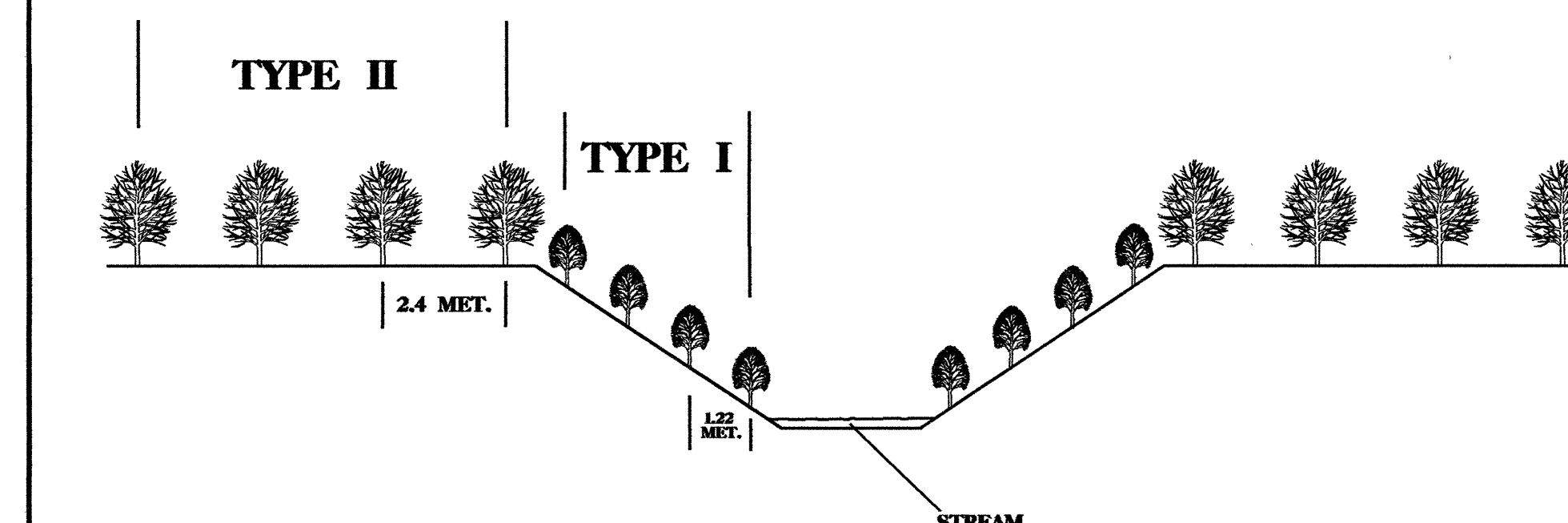
**KBC PLANTING BAR**  
Planting bar shall have a blade with a triangular cross section, and shall be 300mm long, 100mm wide and 25mm thick at center.



**ROOT PRUNING**  
All seedlings shall be root pruned, if necessary, so that no roots extend more than 250mm below the root collar.

- TYPE 1 STREAMBANK REFORESTATION SHALL BE PLANTED 0.9m TO 1.52m ON CENTER, RANDOM SPACING, AVERAGING 1.22m ON CENTER, APPROXIMATELY 6726 PLANTS PER HECTARE.
- TYPE 2 STREAMBANK REFORESTATION SHALL BE PLANTED 1.8m TO 3.0m ON CENTER, RANDOM SPACING, AVERAGING 2.4m ON CENTER, APPROXIMATELY 1680 PLANTS PER HECTARE.
- NOTE: TYPE 1 AND TYPE 2 STREAMBANK REFORESTATION SHALL BE PAID FOR AS "STREAMBANK REFORESTATION"

#### STREAMBANK REFORESTATION TYPICAL



#### STREAMBANK REFORESTATION

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

##### TYPE 1

50% BETULA NIGRA	RIVER BIRCH	300mm - 460mm BR
50% QUERCUS NIGRA	WATER OAK	300mm - 460mm BR

##### TYPE 2

25% LIRIODENDRON TULIPIFERA	TULIP POPLAR	300mm - 460mm BR
25% PLATANUS OCCIDENTALIS	SYCAMORE	300mm - 460mm BR
25% QUERCUS PHELLOS	WILLOW OAK	300mm - 460mm BR
25% FRAXINUS PENNSYLVANICA	GREEN ASH	300mm - 460mm BR

- SEE PLAN SHEETS FOR AREAS TO BE PLANTED

## STREAMBANK REFORESTATION DETAIL SHEET

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