

RAM/CG DATE: 10/12

CHECKED BY : ____

D.A. = 5.0 SQ. MI.

AREA REMAINING RT.

AREA REMAINING LT.

6.99 AC

117.27 AC

Q100 (FEMA) = 1180 CFS

HISTORIC HIGHWATER INFORMATION

EXISTING BRIDGE NO. 50

26.6' CLEAR ROADWAY REINFORCED CONCRETE BRIDGE DECK ON STEEL AND CONCRETE ENCASED I-BEAMS

- N=789133.26, E=2482503.31, ELEV.=68.66 - N=789141.01, E=2482993.89, ELEV.=66.73 - N=789114.04, E=2483364.37, ELEV.=69.14

DATUM DESCRIPTION

HE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "2"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF

NORTHING: 789141.01(f+) EASTING: 2482993.89(f+) ELEVATION: 66.73(ft)

HE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999940302

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCE VERTICAL DATUM USED IS NAVD 88

PROJECT NO. 17BP.4.R.20

EDGECOMBE COUNTY

12+11.34 -L-

REPLACES BRIDGE NO. 50

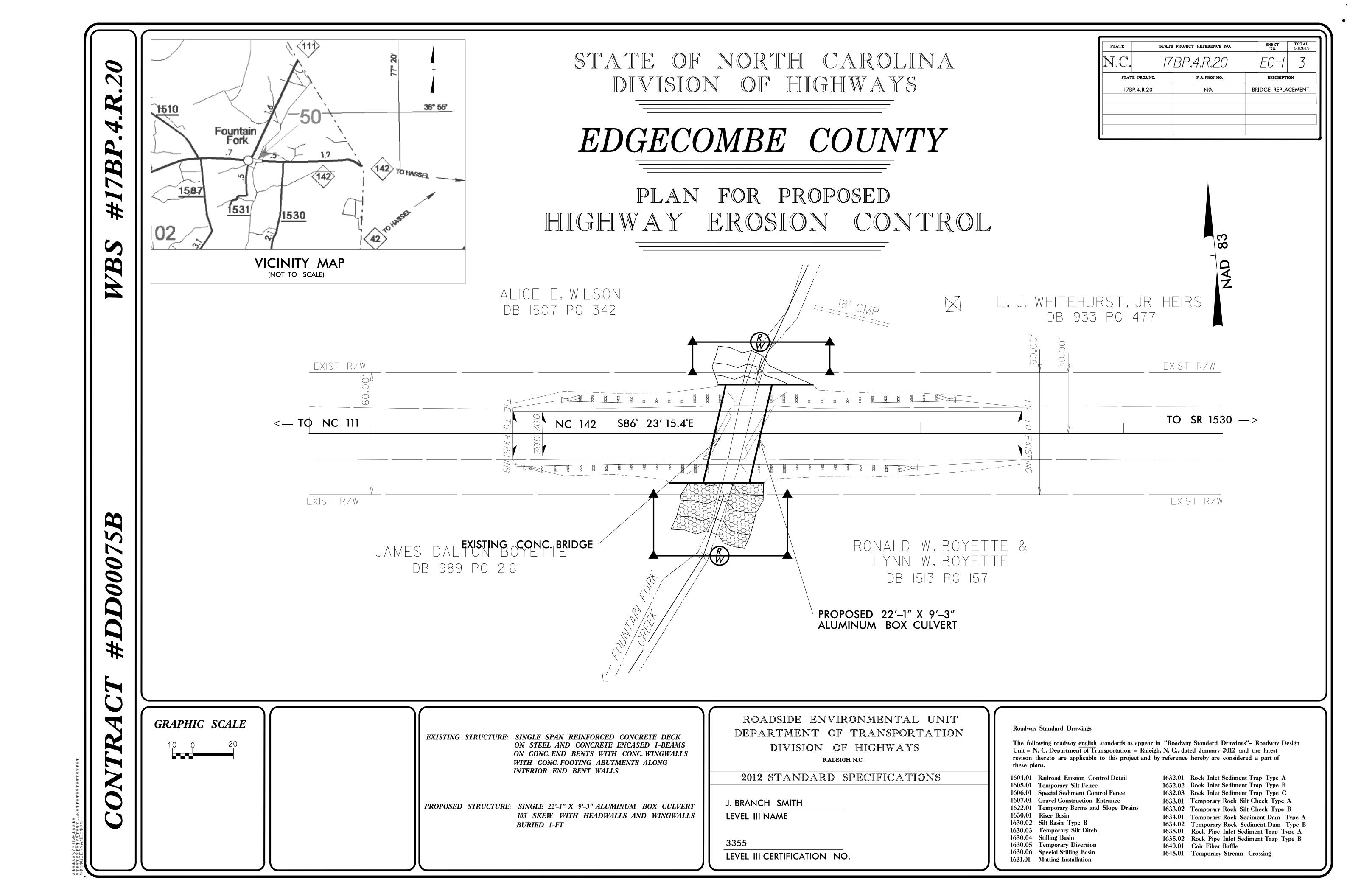
WILMINGTON, NC 28401 TEL. (910) 343-1048 FAX. (910) 790-8282

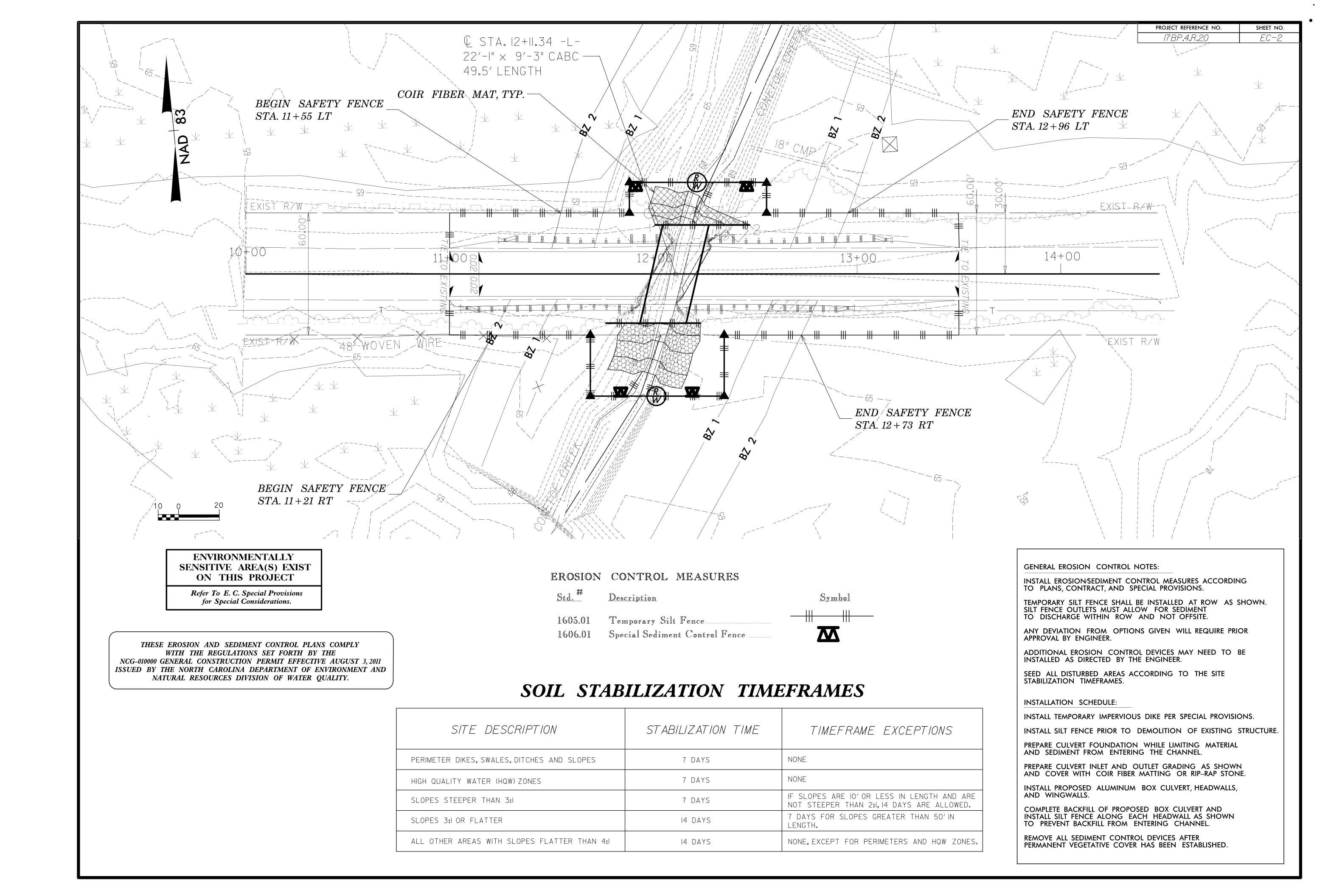
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

BRIDGE #50 ON NC 142 OVER FOUNTAIN FORK CREEK BETWEEN NC 111 & SR 1530

24'-0"CLEAR ROADWAY - 103°SKEW

		SHEET NO.				
NO.	BY:	DATE:	NO.	BY:	DATE:	1
1			3			TOTAL SHEETS
2			4			SHEETS
						**





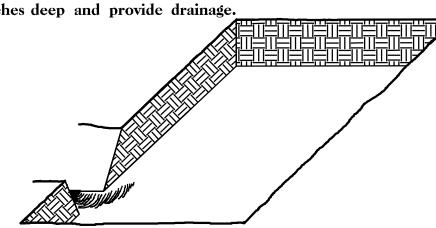
PLANTING DETAILS

SEEDLING / LINER BAREROOT PLANTING DETAIL

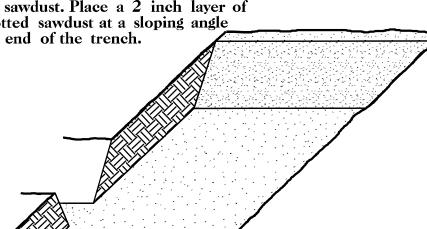
HEALING IN

1. Locate a healing-in site in a shady, well protected area.

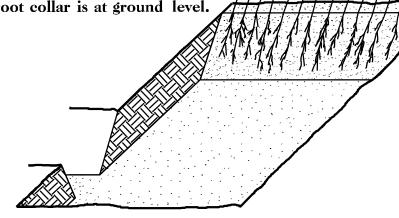
2. Excavate a flat bottom trench 12 inches deep and provide drainage.

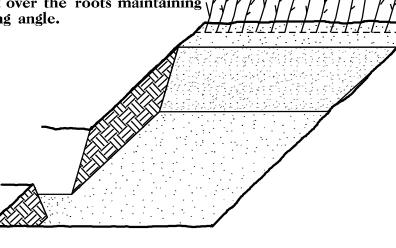


3. Backfill the trench with 2 inches well rotted sawdust. Place a 2 inch layer of well rotted sawdust at a sloping angle at one end of the trench.



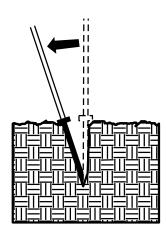
4. Place a single layer of plants against the sloping end so that the root collar is at ground level.



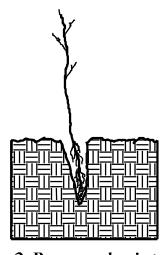


6. Repeat layers of plants and sawdust as necessary and water thoroughly.

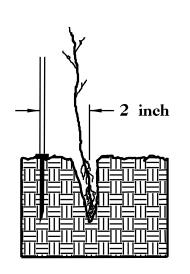
DIBBLE PLANTING METHOD USING THE KBC PLANTING BAR



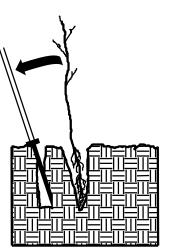
1. Insert planting bar as shown and pull handle toward planter.



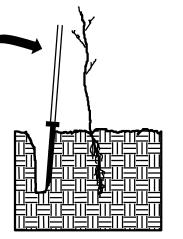
2. Remove planting bar and place seedling at correct depth.



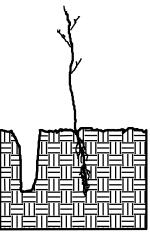
3. Insert planting bar 2 inches toward planter from seedling.



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



5. Push handle forward firming soil at top.



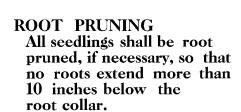
Leave compaction hole open. Water thoroughly.

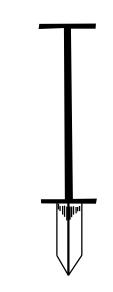
PLANTING NOTES:

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 12 inches long,
4 inches wide and 1 inch thick at center.





STATE	STATE	PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS	
N.C.	-	17BP.4.R.20	RF-1		
STATE PROJ. NO.		F. A. PROJ. NO.	DESCRIPT	DESCRIPTION	

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.

REFORESTATION

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

25% LIRIODENDRON TULIPIFERA	TULIP POPLAR	12 in - 18 in BR
25% PLATANUS OCCIDENTALIS	SYCAMORE	12 in - 18 in BR
25% FRAXINUS PENNSYLVANICA	GREEN ASH	12 in - 18 in BR
25% BETULA NIGRA	RIVER BIRCH	12 in - 18 in BR

REFORESTATION DETAIL SHEET

N.C.D.O.T. - ROADSIDE ENVIRONMENTAL UNIT