

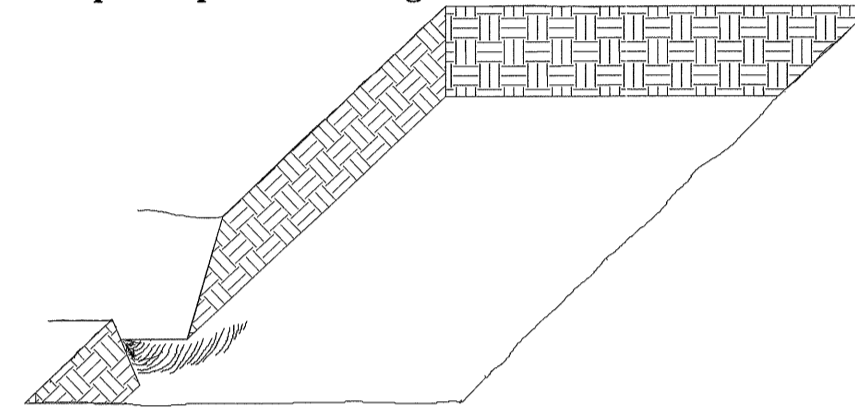
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3509	RF-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

PLANTING DETAILS

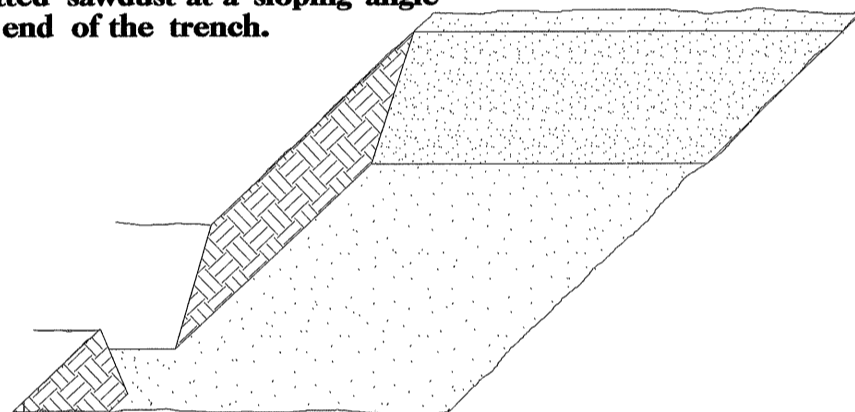
SEEDLING / LINER BAREROOT PLANTING DETAIL

HEALING IN

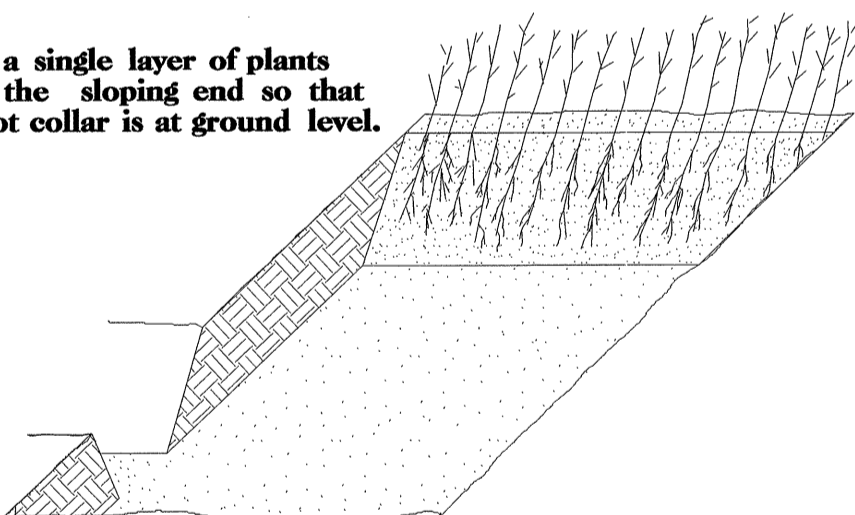
1. Locate a healing-in site in a shady, well protected area.
2. Excavate a flat bottom trench 12 inches deep and provide drainage.



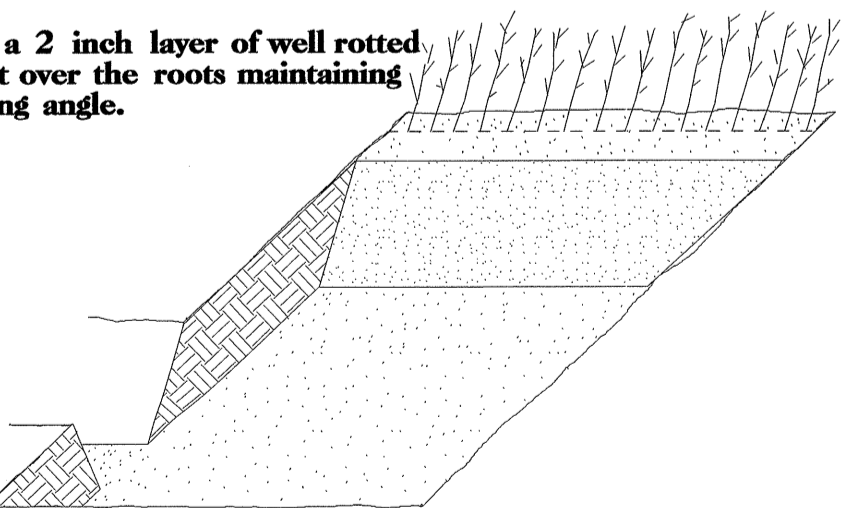
3. Backfill the trench with 2 inches well rotted sawdust. Place a 2 inch layer of well rotted sawdust at a sloping angle at one end of the trench.



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

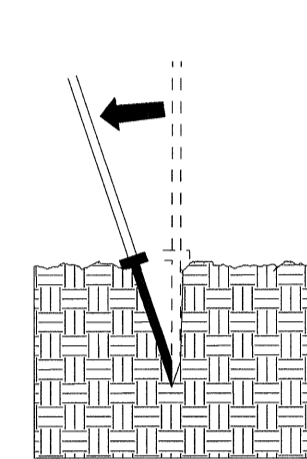


5. Place a 2 inch layer of well rotted sawdust over the roots maintaining a sloping angle.

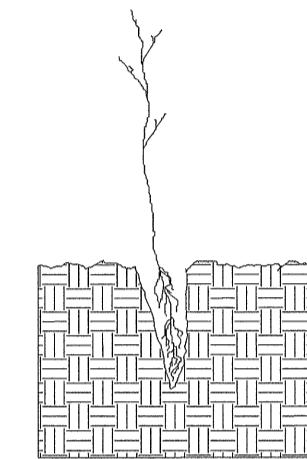


6. Repeat layers of plants and sawdust as necessary and water thoroughly.

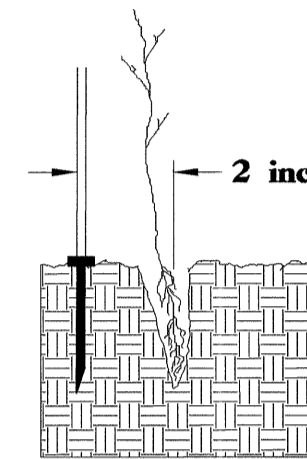
DIBBLE PLANTING METHOD USING THE KBC PLANTING BAR



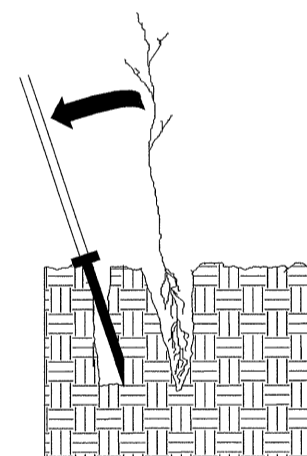
1. Insert planting bar as shown and pull handle toward planter.



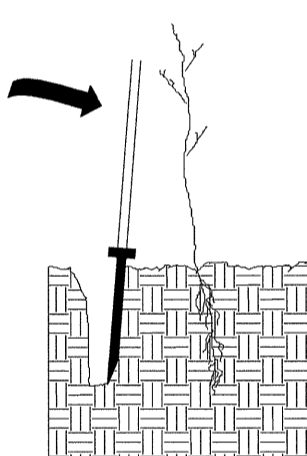
2. Remove planting bar and place seedling at correct depth.



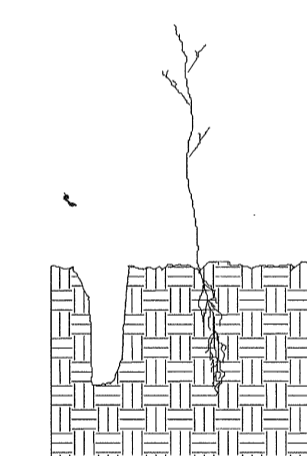
3. Insert planting bar 2 inches toward planter from seedling.



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



5. Push handle forward firming soil at top.



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 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 root collar.

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.

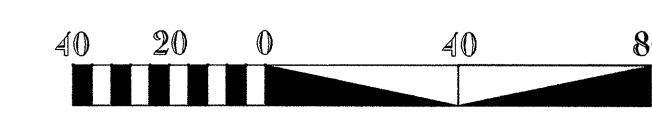
REFORESTATION

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

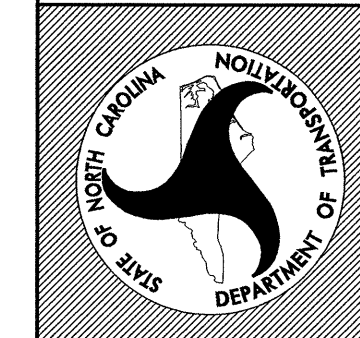
35% PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	12 in - 18 in BR
35% FRAXINUS PENNSYLVANICA	GREEN ASH	12 in - 18 in BR
30% BETULA NIGRA	RIVER BIRCH	12 in - 18 in BR

REFORESTATION DETAIL SHEET

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

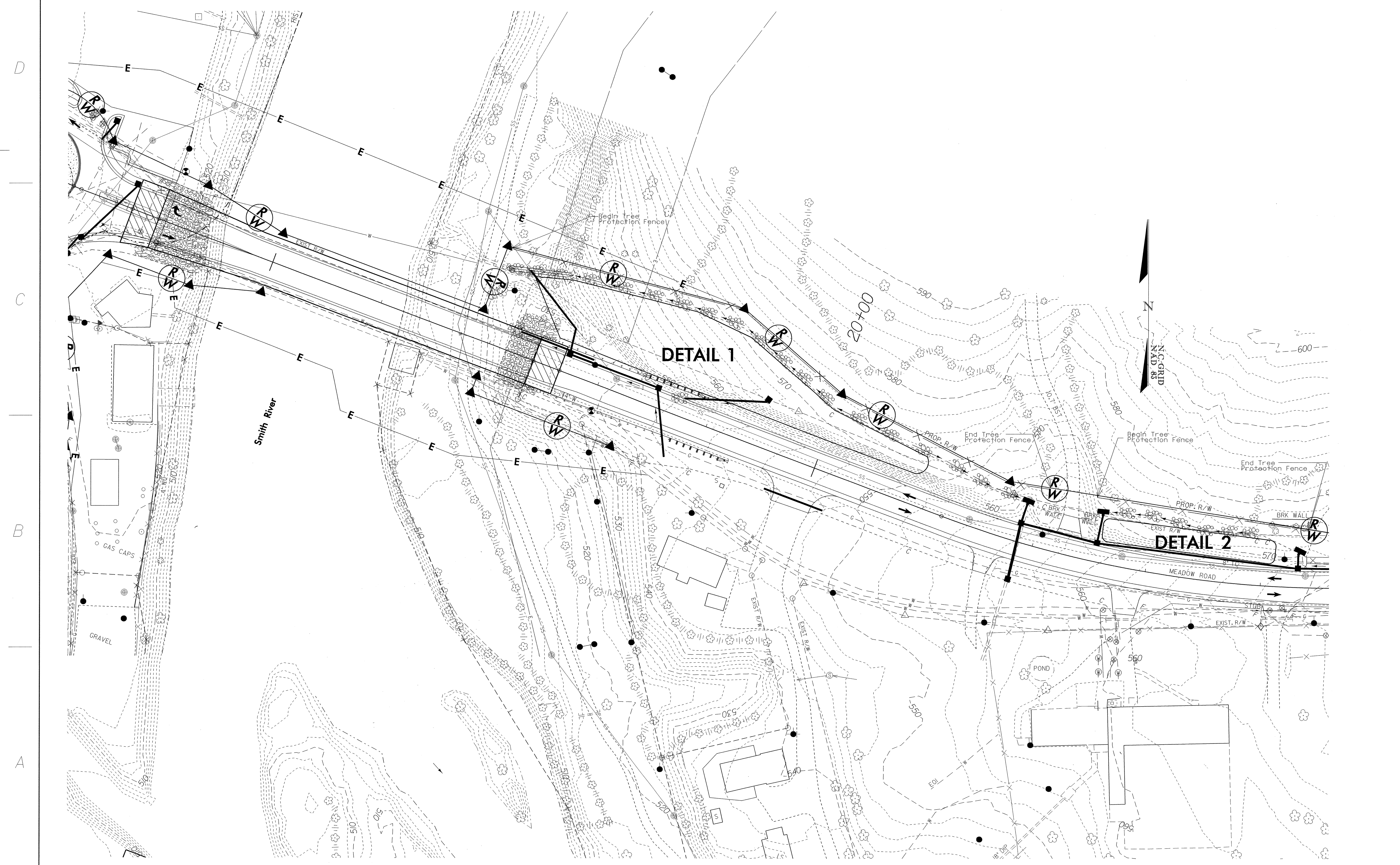


STATE
W.B.S. #
T.I.P. # B-3509
FA #



LANDSCAPE DESIGN & DEVELOPMENT SECTION
NCDOT ROADSIDE ENVIRONMENTAL UNIT
1557 MAIL SERVICE CENTER
RALEIGH NC 27699

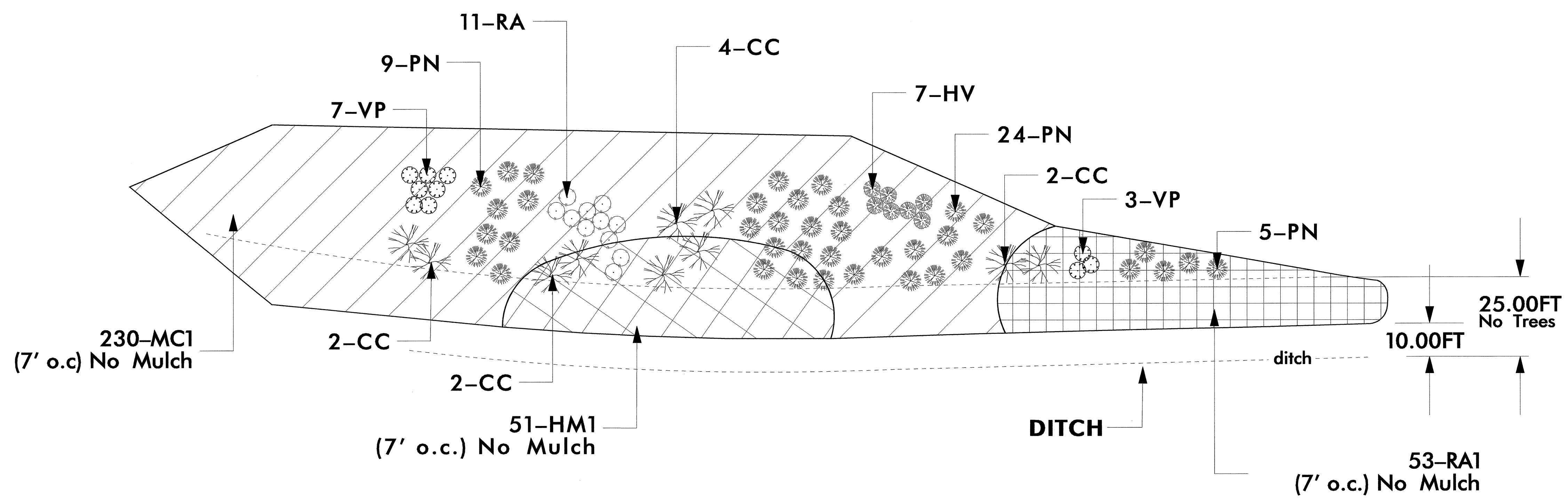
PLAN :	PROJECT DESCRIPTION :
DESIGNED BY :	Medow Rd., Eden NC
SHEET :	
DATE :	
SCALE :	
As Shown	
SHEET #	OF
RF-2	



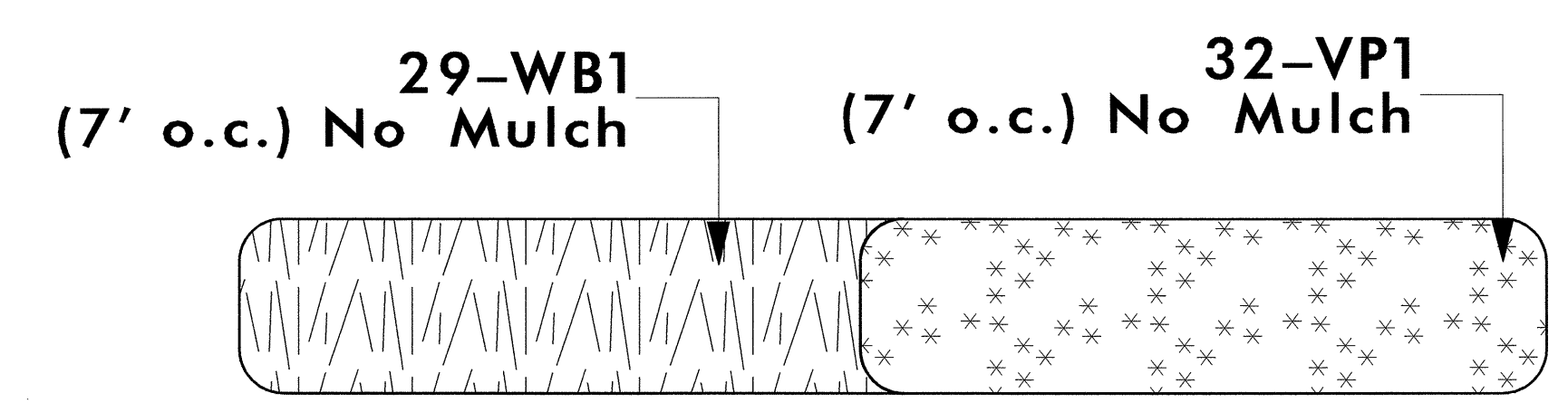
PLANT LIST

Des	Sec	Qty.	Unit	Key	Botanical Name	Common Name	Size	Caliper	Furnish	A.S.N.S.	Remarks
L	1670	10	ea	CC	<i>Cercis canadensis</i> 'Forest Pansy'	Forest Pansy Redbud	4-5'		B&B	1.3	As Shown
L	1670	51	ea	HM1	<i>Hamamelis mollis</i>	Chinese Witch Hazel			#1 cont.	2.2.4	7' O.C.
L	1670	7	ea	HV	<i>Hamamelis vernalis</i>	Vernal Witch Hazel	5-6'		#15 cont.	2.2.4	6-7 canes
L	1670	29	ea	WB1	<i>Ilex verticillata</i> 'Winter Red' (10% to be Apollo)*	Winter Red Winterberry			#1 cont.	2.2.4	7' O.C.
L	1670	230	ea	MC1	<i>Myrica cerifera</i>	Wax Myrtle			#1 cont.	4.2.4	7' O.C.
L	1670	38	ea	PN	<i>Pinus Nigra</i>	Austrian Pine	5-6'		B&B	3.2.4	22" root ball
L	1670	11	ea	RA	<i>Rhus aromatica</i>	Fragrant Sumac	18-24"		#3 cont.	2.2.3	As Shown
L	1670	53	ea	RA1	<i>Rhus aromatica</i>	Fragrant Sumac			#1 cont.	2.2.4	7' O.C.
L	1670	10	ea	VP	<i>Viburnum plicatum tomentosum</i> 'Mariesii'	Mariesii Doublefile Viburnum	24-30"		#5 cont.	2.2.4	As Shown
L	1670	32	ea	VP1	<i>Viburnum plicatum tomentosum</i> 'Mariesii'	Mariesii Doublefile Viburnum			#1 cont.	2.2.4	7' O.C.
L	SP	700	LF		Tree Protection Fence						
2729	1670	10	CY		Mulch for Planting (Double Shredded Hardwood)						
2731	1670	2	M/G		Water for Planting						

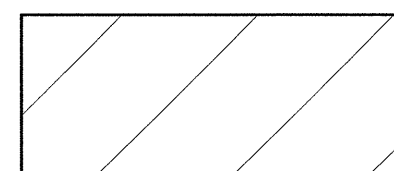
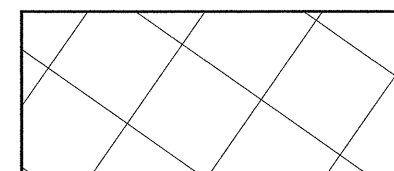
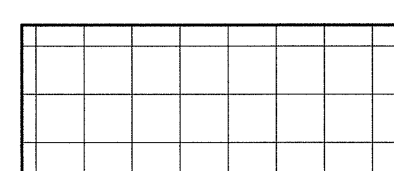
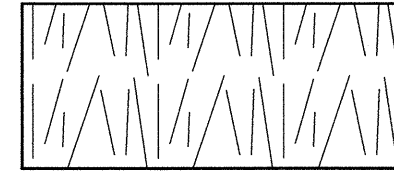
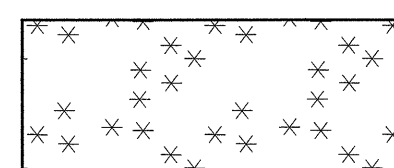
DETAIL 1



DETAIL 2



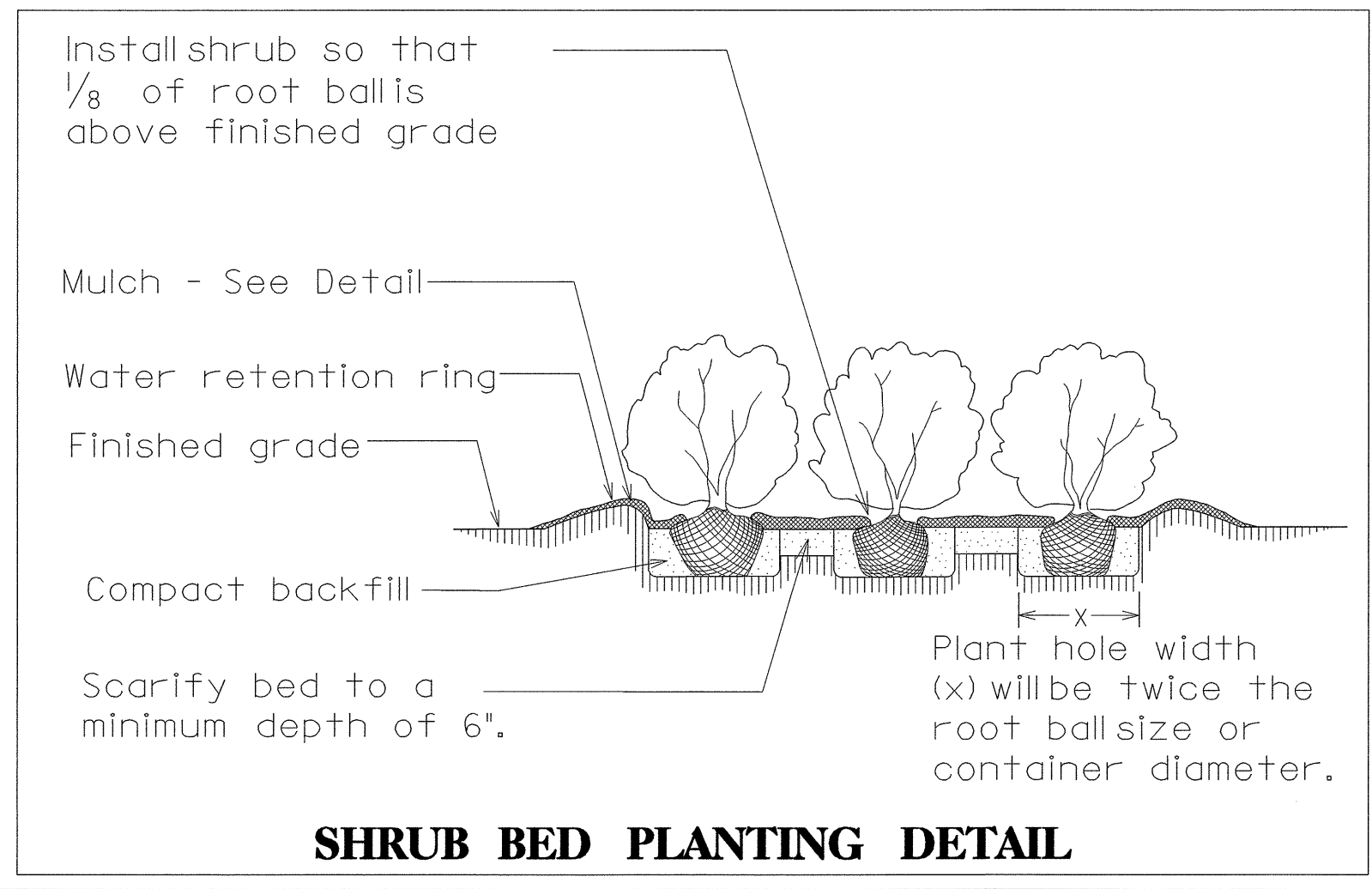
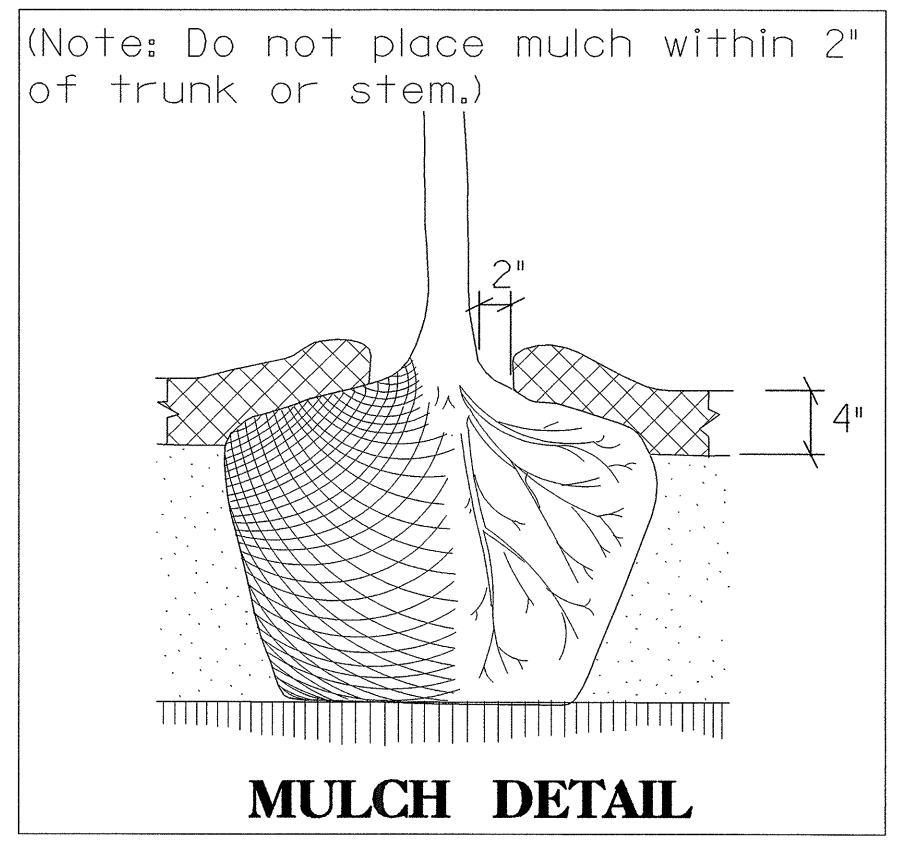
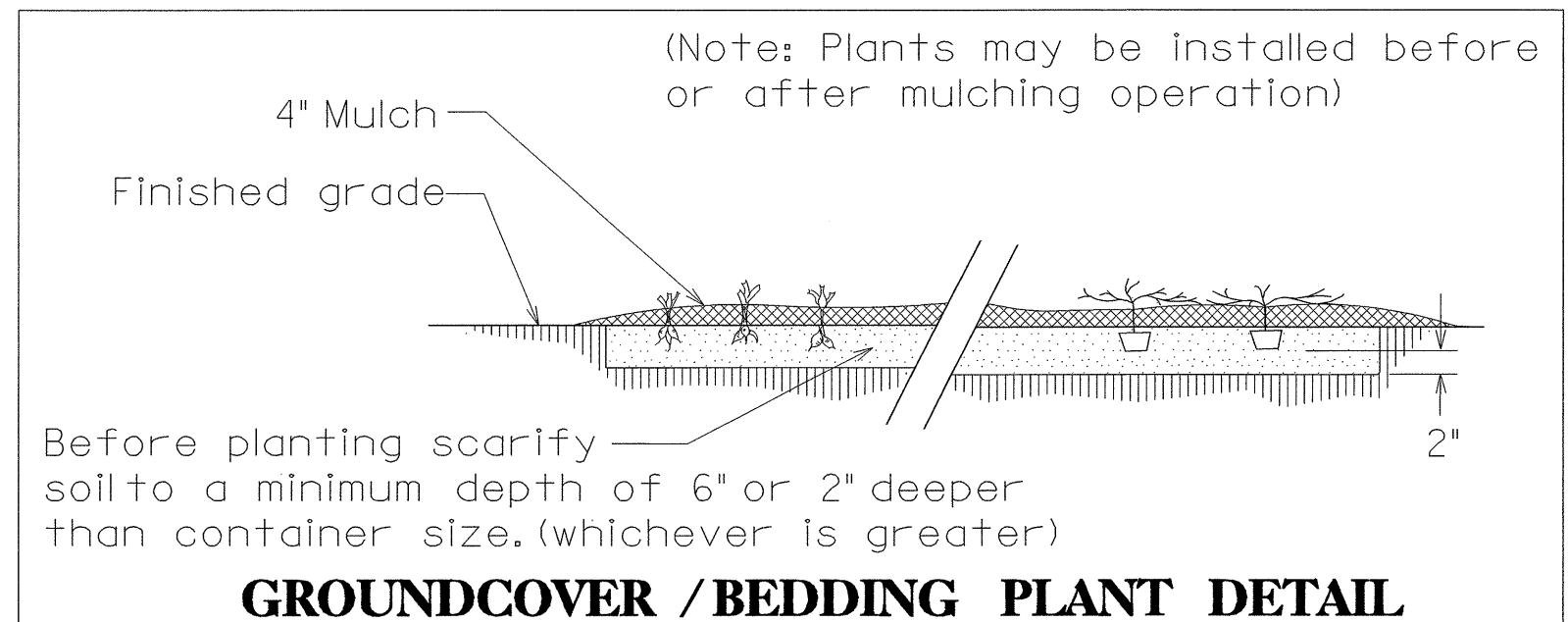
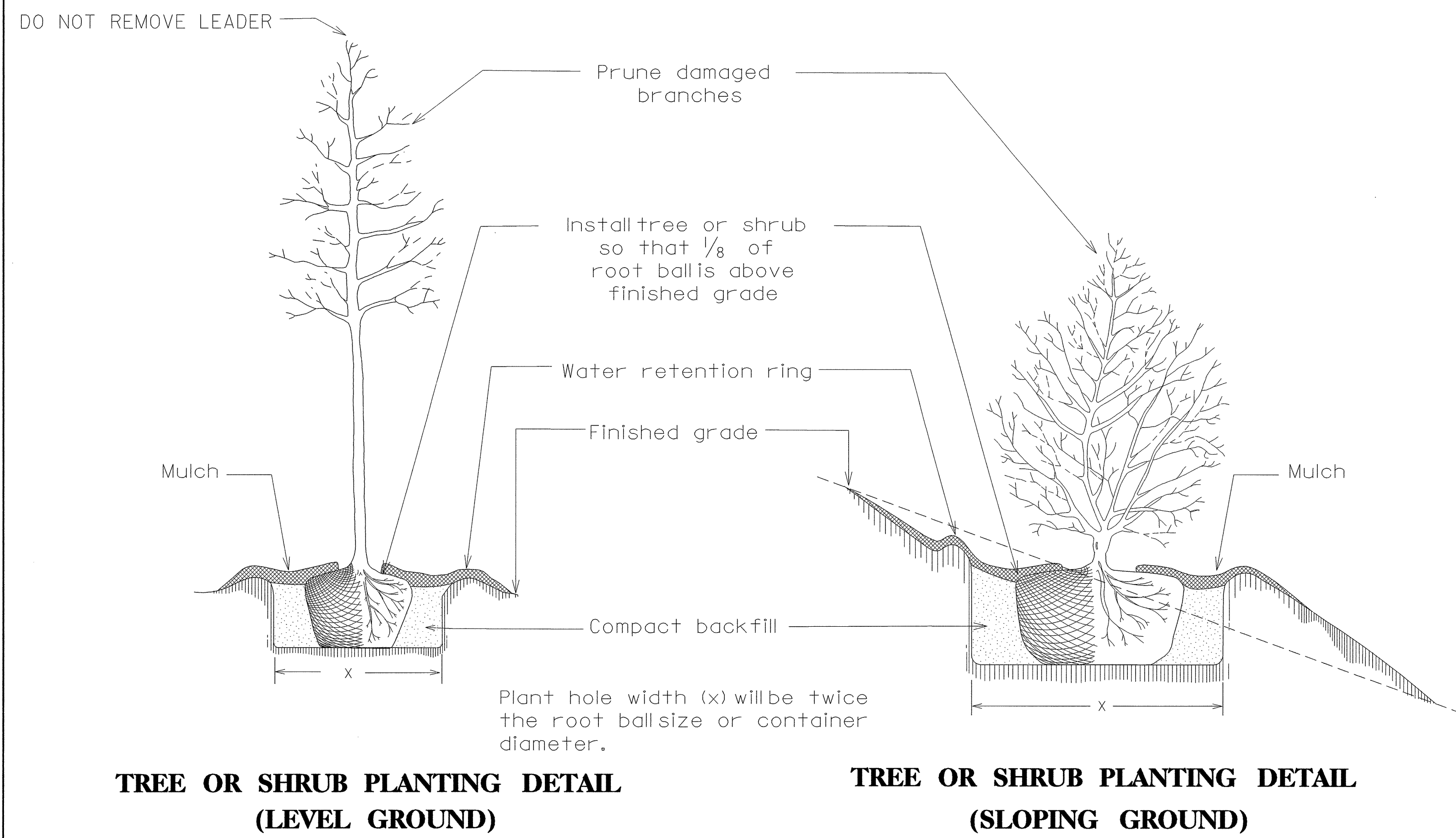
KEY

	MC1
	HM1
	RA1
	WB1
	VP1

These #1 Container plants shall not be mulched.

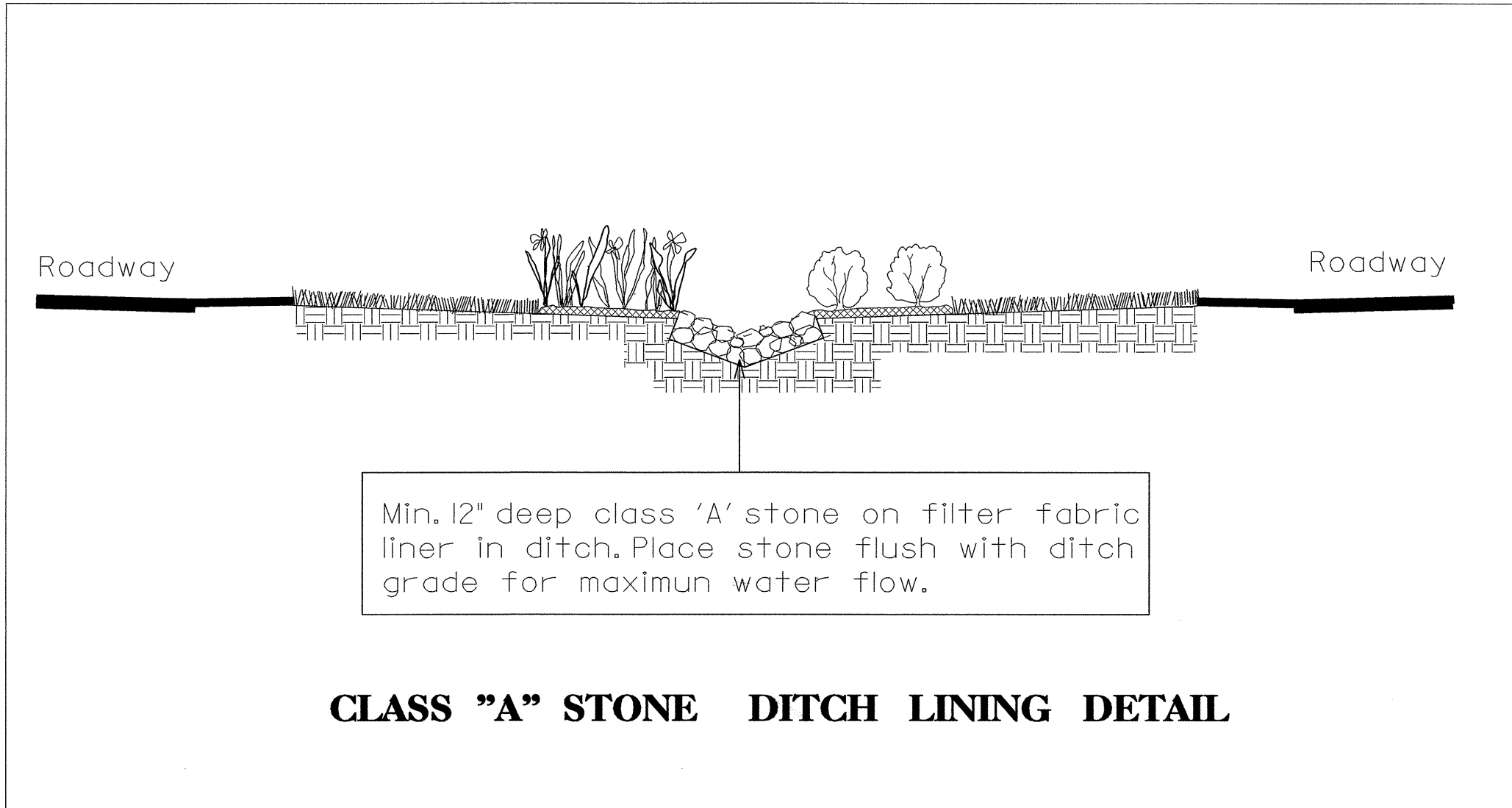
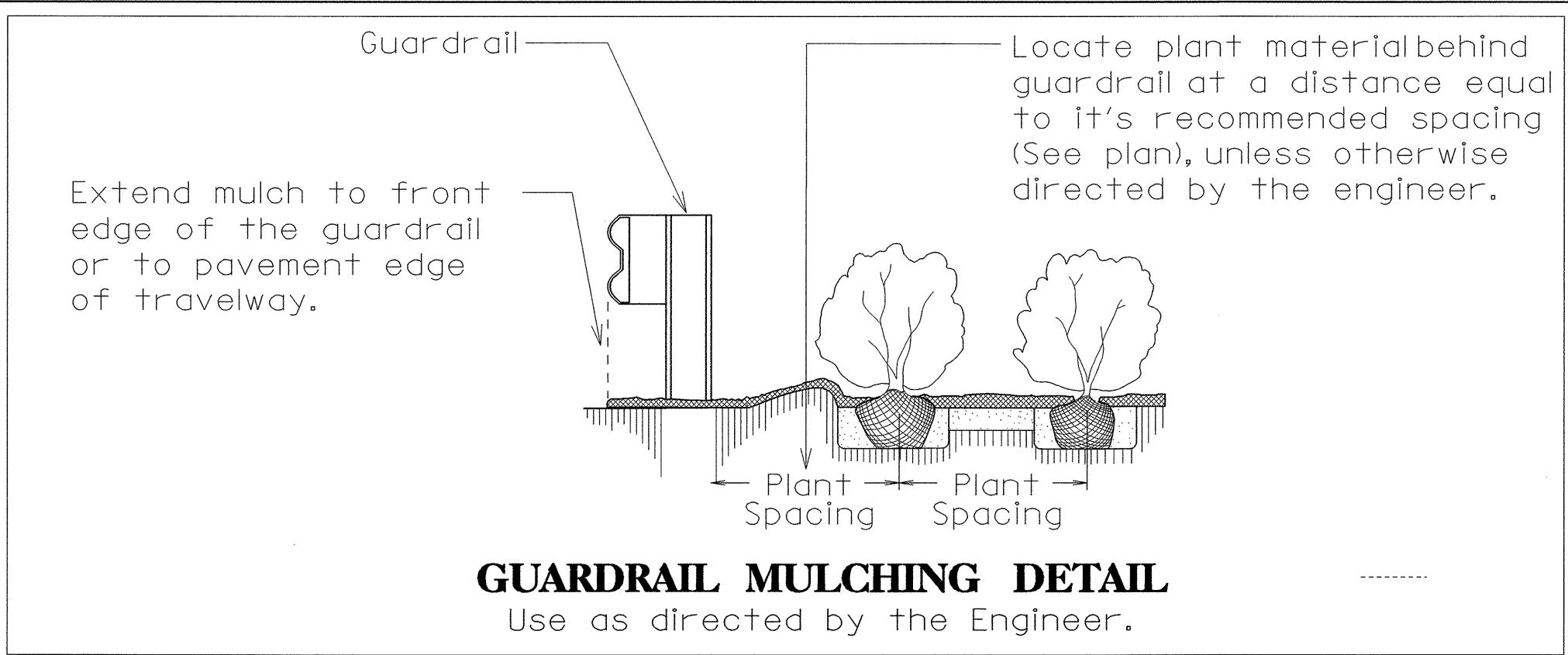
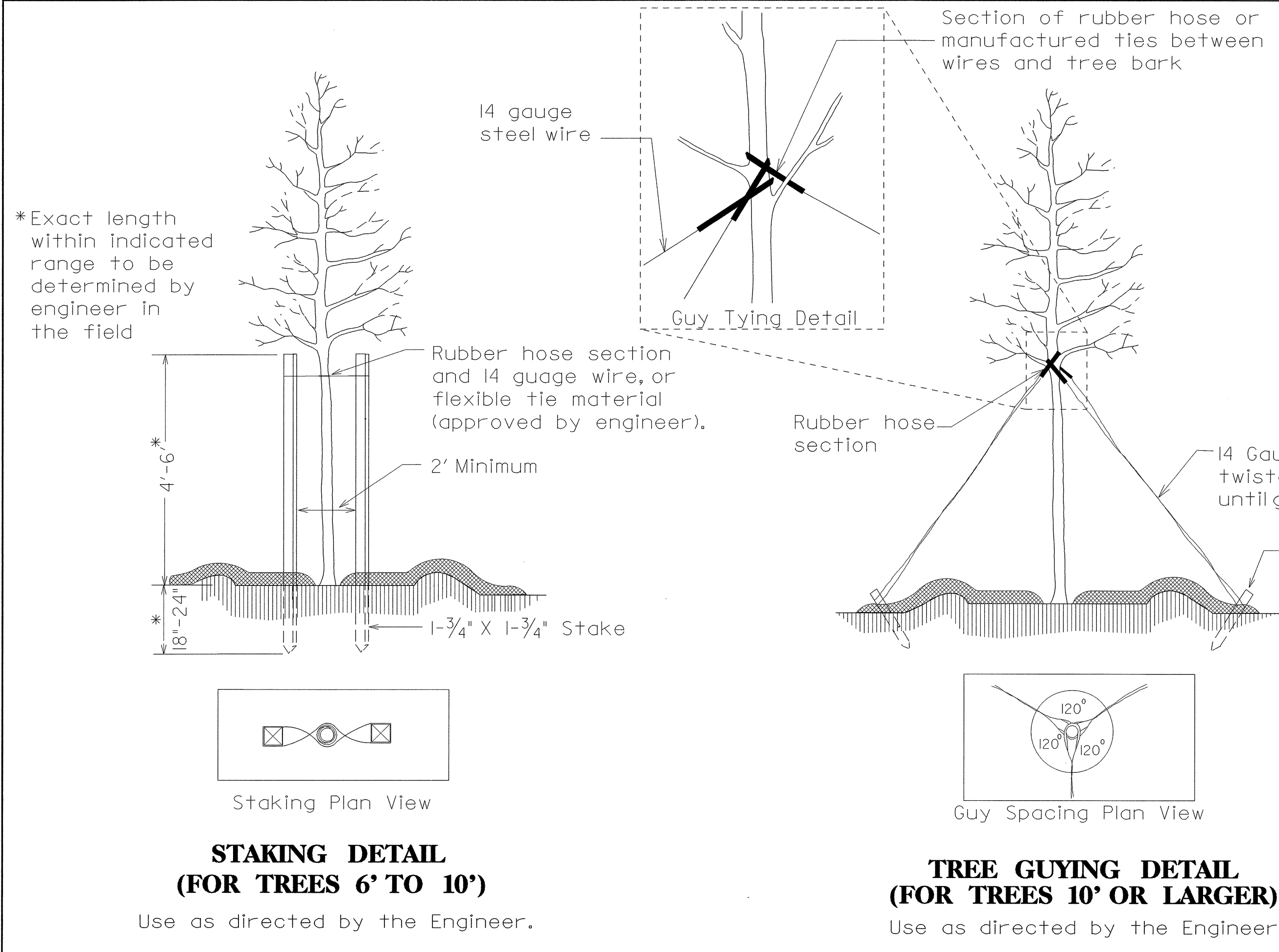
Note: All plants, except those indicated, shall be mulched individually; not as a bed.
Mulch shall consist of Double Shredded Hardwood.





NOTES:

- Schedule for plant hole size: Plant hole width (x) will be twice the root ball size or container diameter.
- Remove burlap and/or wire basket from top of rootball before backfilling is complete.
- All pruning shall follow standard arboricultural practices as specified by the International Society of Arboriculture.
- Do not attempt to straighten a tree that has been planted at an angle with the use of staking or guying. Dig tree and replant in correct upright position.



STATE W.B.S. # T.I.P. # **B-3509** FA #

LANDSCAPE DESIGN & DEVELOPMENT SECTION
 NCDOT ROADSIDE ENVIRONMENTAL UNIT
 1557 MAIL SERVICE CENTER
 RALEIGH NC 27699 919-733-2920

PLANTING AREA DETAILS

PLAN : PROJECT DESCRIPTION :

DESIGNED BY: **DK**

SHEET: _____

DATE: _____

SCALE: **No Scale**

SHEET # **RF-4** OF _____