

## Appendix B - Plants Suitable for Rooting as Cuttings (Live Stakes) in Georgia

Scientific Name	Common Name	Plant Type	Rooting Ability*	Region
Acer negundo	boxelder			M, P, C
Asimina triloba	pawpaw	small tree	poor to fair	M, P, C
Baccharis halimifolia	groundsel bush	medium shrub	good	P, C
Cephalanthus occidentalis	buttonbush	large shrub	fair to good	M, P, C
Cornus amomum	silky dogwood	small shrub	fair	M, P
Cornus sericia	red osier dogwood			M, P
Gleditsia triacanthos	honeylocust	medium tree	poor to fair	P, C
Populus deltoides	eastern cottonwood	tall tree	very good	M, P, C
Robinia sp.	black locust			P, M
Salix discolor	pussy willow	large shrub	very good	
Salix nigra	black willow	small to large tree	good to excel	M, P, C
Salix purpurea	purpleosier willow	medium tree	excel	M, P, C
Sambucus canadensis	american elder	medium shrub	good	M, P
Viburnum dentatum	arrowwood	medium to tall shrub	good	M, P, C
Viburnum lentago	nannyberry	large shrub	fair to good	M, P, C

\*Rooting ability from cutting

## Appendix C – Grasses and Forbs Useful in Conjunction with Soil Bioengineering and Associated Systems in the Southeast

Scientific Name	Common Name	Soil Preference	Drought Tolerance	Shade Tolerance	Flood Tolerance
Ammophila	american	sands	fair	poor	
breviligulata	beachgrass				
Andropogon gerardii	big bluestem	loams	good	poor	fair
Arundo donax	giant reed	sandy	good	poor	poor
Herarthria altissima	limpograss	sandy	poor	poor	good
Panicum amarulum	coastal panicorass	sands to loams	good	poor	good
Panicum virgatum	switchgrass	loams to sands	good	poor	good
Paspalum vaginatum	seashore paspalum	sandy		poor	good
Pennisetum purpureum	elephant grass			poor	
Spartina pectinata	prarie cordgrass	sands to loams	good	fair	fair
Zizaniopsis miliacea	giant cutgrass	loam	poor	poor	good

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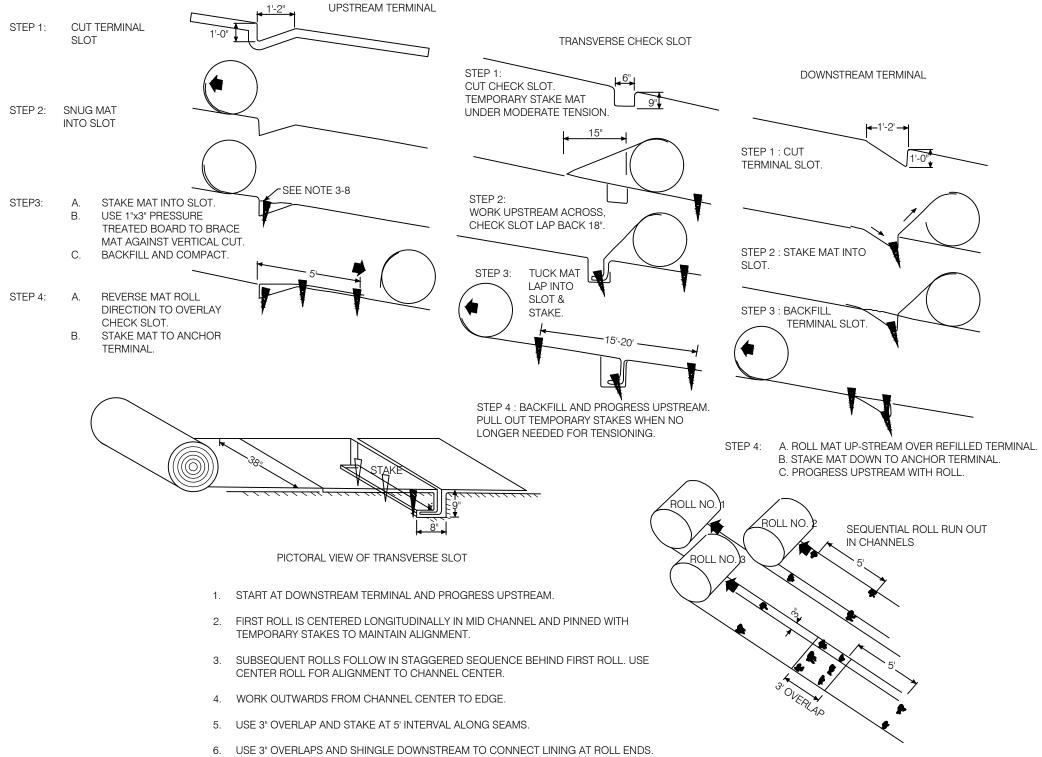
## NOTES: ROOTED/LEAFED CONDITION OF THE LIVING PLANT MATERIAL IS NOT REPRESENTATIVE AT THE TIME OF INSTALLATION.

LIVE CUTTING  $\frac{1}{2}$  TO 1  $\frac{1}{2}$ 

INCHES IN DIAMETER

LIVE STAKING CROSS-SECTION

Streambank Stabilization N.T.S.



SS TYPICAL INSTALLATION GUIDES FOR MATTING AND BLANKETS

- NOTES:

  1. ALL SODA ASH SHALL BE REMOVED FROM THE CLEANUP AREA AND FROM THE SMALL SECTION OF GRAVEL ROAD BETWEEN THE CLEANUP AREA AND THE RAIL YARD.
- 2. NO MOTORIZED EQUIPMENT SHALL WORK WITHIN 25' OF THE EDGE OF THE CREEK. ALL WORK THAT OCCURS WITHIN 25' OF THE CREEK (SODA ASH REMOVAL, SOIL PREPARATION, PLANTING, ETC.) SHALL BE CONDUCTED BY HAND USING HAND TOOLS.
- 3. PRIOR TO PLANTING, CONTACT THE WASHINGTON COUNTY UGA-COOPERATIVE EXTENSION OFFICE FOR ASSISTANCE WITH SOIL TESTING AND SEEDBED PREPARATION FOR PLANTING. EMAIL: uge3303@uga.edu PHONE: 478-552-2011
- 4. USE ARROWWOOD (AS INDICATED ON THE APPENDIX B TABLE ON THIS SHEET) FOR THE LIVE CUTTING STAKES UNLESS OTHERWISE DIRECTED BY THE LOCAL UGA EXTENSION AGENT
- 5. USE SWITCHGRASS (AS INDICATED ON THE APPENDIX -C TABLE ON THIS SHEET) FOR THE GRASS PLANTING UNLESS OTHERWISE DIRECTED BY THE LOCAL UGA EXTENSION AGENT.
- 6. CONSULT WITH LOCAL UGA EXTENSION AGENT FOR SOIL TESTING AND BEST SEEDING AND FERTILIZATION RATES BASED ON SOIL TESTING RESULTS.



GRAPHIC SCALE IN FEET SCALE: 1"=10'

PROJECT NO.: BHT-003 DATE: MAY, 2024 SCALE: 1" = 10'

ESTORATION PLA FOR B-H TRANSFER В-Н