PROJECT REFERENCE NO.	SHEET NO.
R-5968EA	L-2

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 040377 ENGINEER ROBERT S. TUCKER 04/21

PLANTING SCHEDULE & NOTES

PLANTING SCHEDULE

THE FOLLOWING TABLE SHOWS THE PREFERRED SEASONAL PERIODS WITHIN WHICH TO PLANT THE VARIOUS TYPES OF PLANTS. MODIFICATIONS CAN BE PERMITTED. A REQUEST MUST BE MADE IN WRITING DESCRIBING THE DESIRED PLANTING TIME FRAME AND THE MEASURES THAT WILL BE TAKEN TO ENSURE PLANT SURVIVAL.

Plant Type	Begin Plant	End Planting
Wetland Plants (plugs and tubelings)	April 15	June 15
Permanent Seeding		
Spring	February 1	April 1
Fall	August 1	October 15
Temporary Seeding		
Rye Grain (120 lb/ac)	September 1	April 15
German Millet (40 lb/ac)	April 16	August 31
Sod		
Common Bermudagrass	April 15	November 15

Planting Zones	Total Area (sf)
Wetland Bottom	1,245
Wetland Slopes	1,770
Upland Slopes	40,270

Zone: Wetland Bottom

Scientific Name	Common Name	Spacing (ft) O.C.	Minimum Plant Size	Plant Quantity (%)	Distribution Type
Acorus americanus	Sweet flag	2x2	Plug	10	Small clump
Andropogon gerardii	Big bluestem	2x2	Plug	5	Small clump
Andropogon glomeratus	Bushy beardgrass	2x2	Plug	10	Small clump
Carex lurida	Shallow sedge	1x1	Plug	15	Small clump
Elocharis obtusa	Blunt spikerush	3x3	Plug	5	Small clump
Equisetum hyemale	Horsetail	2x2	Plug	10	Small clump
Hibiscus coccineus	Scarlet rose mallow	3x3	Plug	5	Random
Juncus effusus	Soft rush	2x2	Plug	15	Small clump
Lobelia cardinalis	Cardinal flower	3x3	Plug	5	Random
Rudbeckia fulgida 'Goldsturm'	Goldsturm black-eyed susan	2x2	Plug	5	Small clump
Sorghastrum nutans	Indian grass	2x2	Plug	10	Small clump
Verbena hastata	Blue vervain	2x2	Plug	5	Random

Zone: Wetland Slopes

Seeding Rate: 20 to 25 lbs/ac

Scientific Name	Common Name	Percentage of Mix (%)	Distribution Type
Andropogon gerardii	Big bluestem	12	Overseed
Carex vulpinoidea	Fox sedge	10	Overseed
Coreopsis lanceolata	Lance-leaf tickseed	5	Overseed
Elymus virginicus	Virginia wild rye	15	Overseed
Festuca ovina var. duriuscula	Hard fescue	5	Overseed
Panicum virgatum	Switchgrass	10	Overseed
Rudbeckia hirta	Blackeyed susan	1	Overseed
Schizachyrium scoparium	Little bluestem	8	Overseed
Sorghastrum nutans	Indian grass	9	Overseed
Tridens flavus	Purple top	12	Overseed
Tripsacum dactyloides	Eastern gammagrass	13	Overseed

Zone: Upland Slopes

Seeding Rate: 20-24 lbs/1000 sf

Scientific Name	Common Name	Percentage of Mix (%)	Distribution Type
Festuca arundinacea	Tall fescue	40	Overseed
Festuca sp.	Fine fescue	30	Overseed
Poa pratensis	Kentucky bluegrass	30	Overseed

PLANTING NOTES

1. THE PLANTS AS LISTED IN THE PLANT TABLES WILL BE PLANTED IN EACH DESIGNATED PLANTING ZONE.
2. THE ZONES ARE DEFINED BY LOCATIONS SHOWN ON THE PLANS AND SHALL BE LAID OUT TO WITHIN +/-1' OF THE DEFINED BOUNDARY.
3. SPECIES ALTERNATIVES TO THE PLANT LIST MAY BE ALLOWED WITH PRIOR APPROVAL FROM THE ENGINEER.
4. THE CORRECT SPACING OF VEGETATION WITHIN EACH ZONE SHOULD BE CHECKED BY THE PLANTING SUPERVISOR ON A REGULAR BASIS.
5. THE FOLLOWING DESCRIBES THE VARIOUS TYPES OF PLANT DISTRIBUTIONS CALLED FOR ON THIS PROJECT:

   RANDOM – PLANTS LISTED AS "RANDOM" SHALL BE MIXED WITH OTHER PLANTS OF SAME DISTRIBUTION TYPE AND PLANTED RANDOMLY IN AN IRREGULAR PATTERN. NOTE THAT TWO OR MORE OF THE SAME SPECIES CAN BE PLANTED ADJACENT TO EACH OTHER, WHILE OTHER TIMES THERE MAY ONLY BE ONE PLANT OF A SPECIES COMPLETELY SURROUNDED BY ONE OR MORE OTHER SPECIES.

   SMALL CLUMP – A GROUP OF ONE SPECIES OF PLANT INSTALLED TOGETHER AS A GROUP RANGING IN SIZE FROM 10 TO 50 PLANTS. THE MASS MUST EXTEND AT A MINIMUM OF TWO (2) ROWS IN EACH DIRECTION WHEN POSSIBLE.

   CLUMP – A GROUP OF ONE SPECIES OF PLANT INSTALLED TOGETHER AS A GROUP RANGING IN SIZE FROM 50 TO 150 PLANTS. THE MASS MUST EXTEND AT A MINIMUM OF FIVE (5) ROWS IN EACH DIRECTION WHEN POSSIBLE.

   OVER SEEDING – SEED MIX SHALL BE BROADCAST OVER PREPARED SEEDBED (REFER TO SPECIAL PROVISIONS).
6. TOPSOIL AND EROSION CONTROL MATTING (EXCELSIOR TYPE) SHALL BE APPLIED TO THE WETLAND SLOPE ZONE ACCORDING TO THE SPECIAL PROVISIONS.
7. FOR UPLAND SLOPES PLANTING SCHEDULE, REFER TO EROSION AND SEDIMENT CONTROL PLANTING SCHEDULE, SHEET EC-6.
8. MINIMUM 1-YEAR ESTABLISHMENT PERIOD IS REQUIRED FOR ALL PLANTINGS AND RE-VEGETATED AREAS.

TETRA TECH
ENGINEERING, PC

One Park Drive, Suite 200
PO Box 14409
Research Triangle Park, NC 27709
Tel: (919) 485-8278
Fax: (919) 485-8280
License: C-2644

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$$$$USERNAME$$$$
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