

APPROVED STORMWATER MANAGEMENT PLAN Date: 11)13/14 Permit # 2014031

THE FOLLOWING SPECIES OF WETLANDS VEGETATION ARE SUITABLE FOR PLANTING WITHIN THE PROPOSED STORMWATER WETLANDS:

PLANTS SUITED FOR SHALLOW WATER SAGITTARIA LANCIFOLIA (BULL TONGUE)
 SAGITTARIA LATIFOLIA (DUCK POTATO)

- SAURURUS CERNUUS (LIZARDTAIL) PLANTS SUITED FOR SHALLOW LAND - ASCLEPIAS INCARNATA (SWAMP MILKWEED)

- CAREX TENERA (QUILL SEDGE) - CHELONE GLABRA (WHITE TURTLEHEAD) PLANTS SUITED FOR DEEP POOLS (NOT TO OBSTRUCT OUTLET)

FLOATING AQUATIC PLANTS SUBMERGED AQUATIC PLANTS - ELEOCHUARIS ACICULARIS (NEEDLE SPIKERUSH) - NELUMBO LUTEA (AMERICAN LOTUS) - ELEOCHUARIS QUADRANGULATA (SQUARESTEM SPIKERUSH)

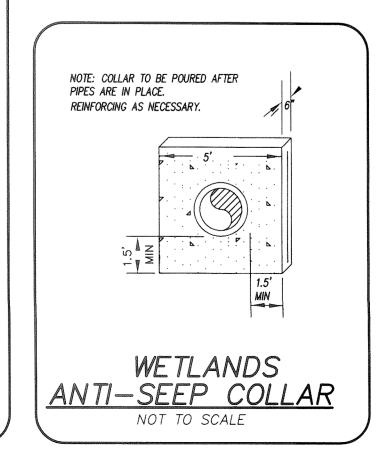
- ELODEA CANADENSIS (CANADIAN WATERWEED) - NUPHAR LUTEA (ROCKY MTN POND-LILY) - NUPHAR LUTEA (YELLOW POND-LILY) - ELODEA NUTTALLII (WESTERN WATERWEED) TO PROMOTE BIO-DIVERSITY IN DEEP POOLS CHOOSE MANY DIFFERENT SPECIES OF EMERGENT SPECIES,

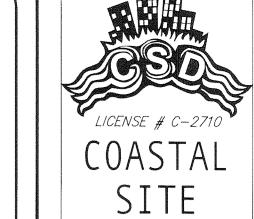
NO MORE THAN 30% OF A SINGLE SPECIES.

SF OF SHALLOW WATER = 1,009 SF / 200 = 5.0 \times 50 = 252 PLANTS REQUIRED 252 / 3 = 84 Plants of each of the three listed above must be planted SF OF SHALLOW LAND = 1,009 SF / 200 = 5.0 X 50 = 252 PLANTS REQUIRED 252 / 3 = 84 PLANTS OF EACH OF THE THREE LISTED ABOVE MUST BE PLANTED

IF ONE OR MORE OF THE SUGGESTED SPECIES IS UNAVAILABLE, APPROPRIATE WETLANDS VEGETATION COMMON TO THE COASTAL NORTH CAROLINA REGION MAY BE SUBSTITUTED. SEE TABLE 9.1 OF CHAPTER 9 OF STATE STORMWATER BMP MANUAL FOR LIST OF OTHER RECOMMENDED WETLANDS PLANTS.

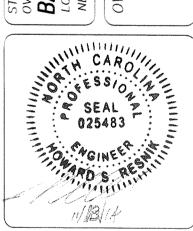
MINIMUM PLANT SIZE FOR HERBACEOUS PLANTS IS 4 CUBIC IN. CONTAINERS MINIMUM PLANT SIZE FOR SHRUBS IS 1 GALLON CONTAINERS





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RLW

REVISED PER COW SW COMMENTS
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DATE: 9-3-14 HORZ. SCALE: 1" = 10' VERT. SCALE: N/A

DRAWN BY: RLW CHECKED BY: HSR PROJECT NO.: 14-0320

Sheet No. SW2 of SW2