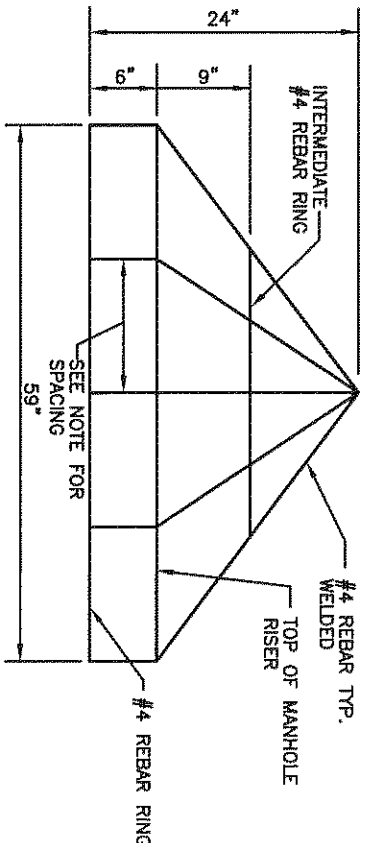
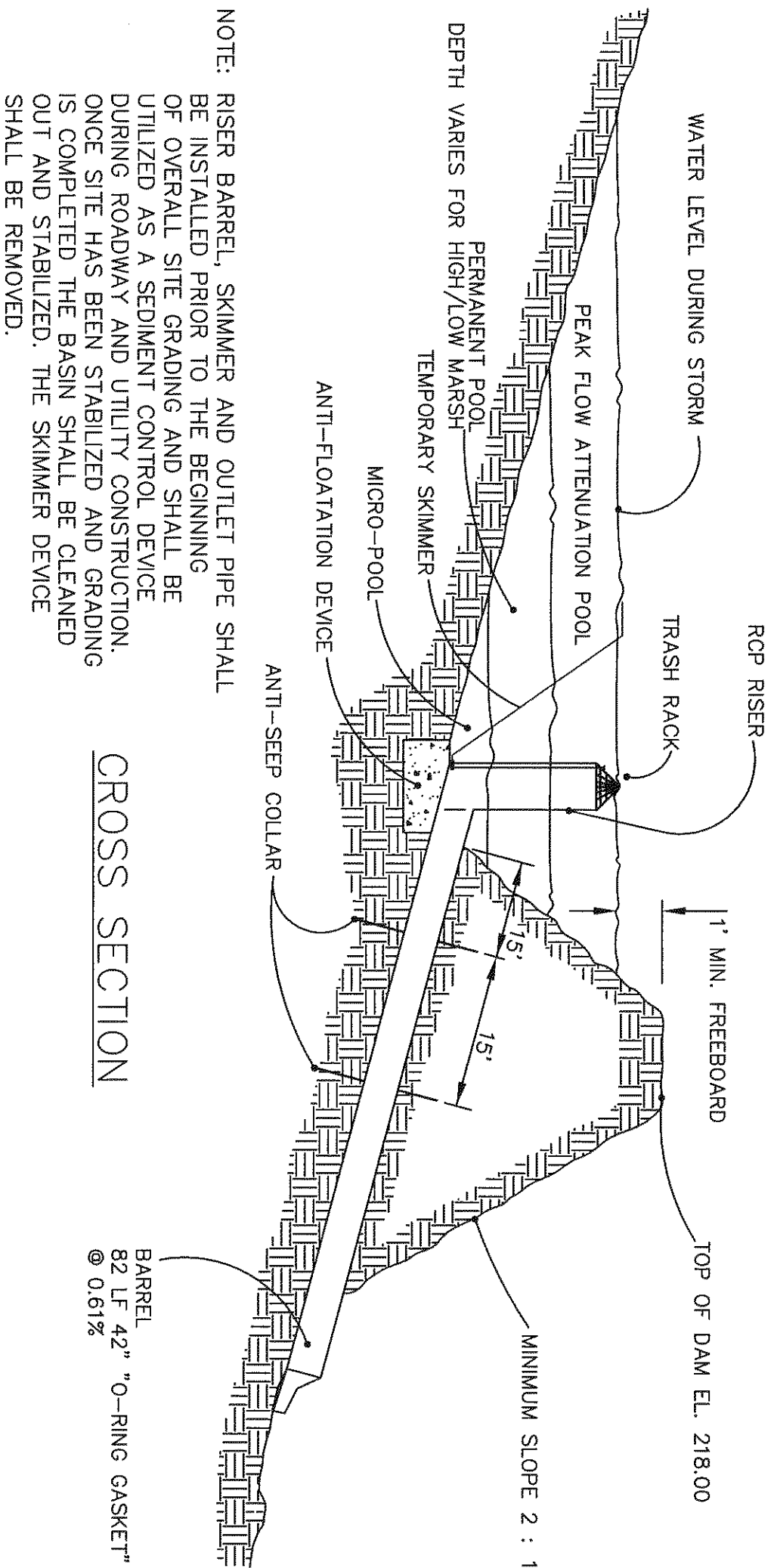


EMERGENCY SPILLWAY NTS



NOTE: TRASH RACK REBAR SPACING SHALL BE 12\"/>

TRASH RACK DETAIL (NTS)



CONSTRUCTED WETLANDS DESIGN

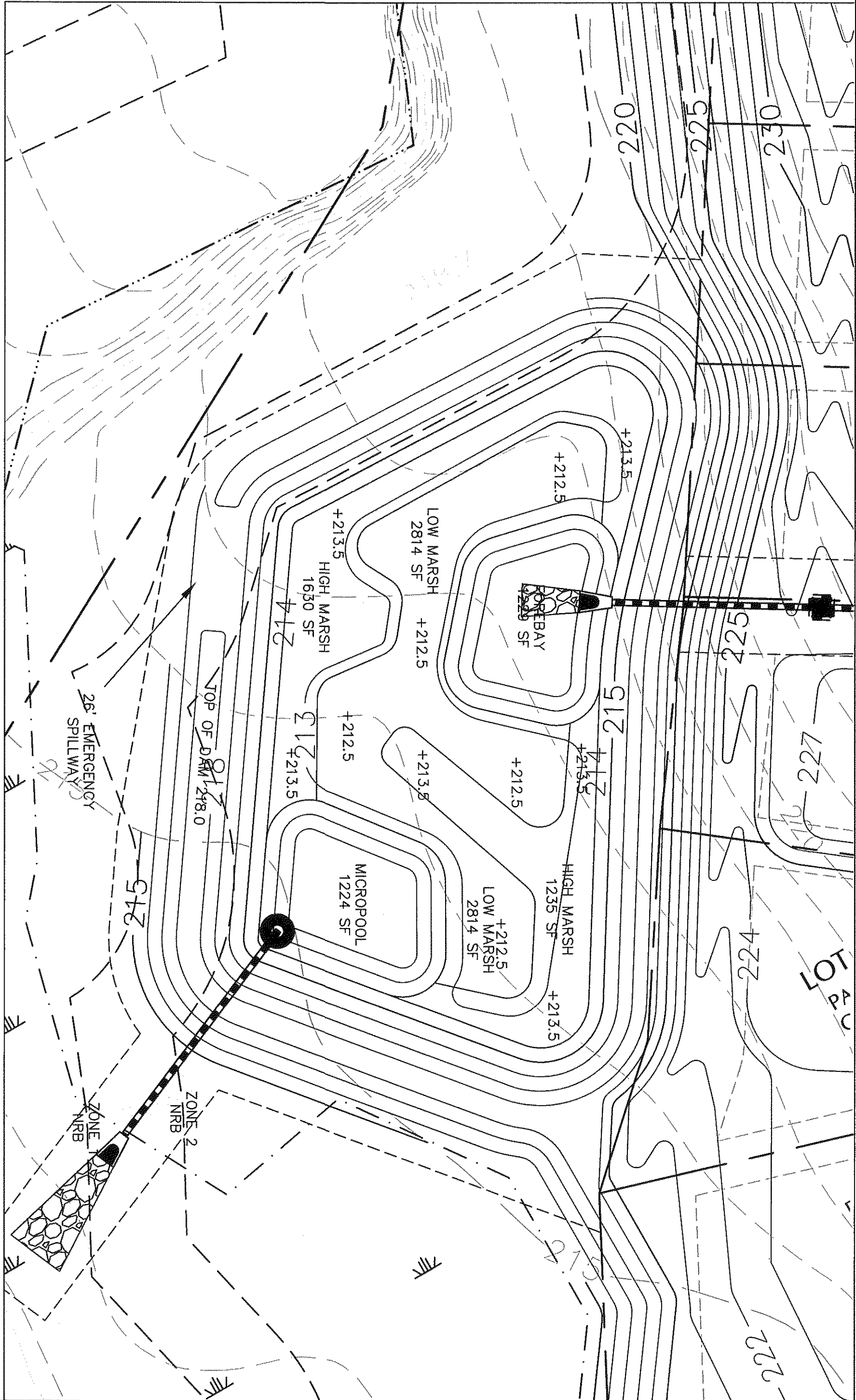
	DIMENSIONS	ELEV.
NORMAL POOL	8,132 SF	214.00
POND BOTTOM	5,733 SF	212.50
TOP OF DAM WIDTH	5 FT.	218.00
ANTI-SLEEP COLLAR	102" x 102"	N/A
1-YEAR STORM ORRICE	1" ORRICE	214.00
RISER - DIA AND TOP	4" DIA.	215.75
OUTLET PIPE INVERT IN	42" RCP	212.50
OUTLET PIPE INVERT OUT	42" RCP	212.00

STORMWATER CONSTRUCTED WETLAND PLANT SCHEDULE

ZONE 1		
123 CA	Carex spp.	Sedges
71 CE	Ceratophyllum demersum	Croton
70 LE	Lemna sp.	Duckweed
122 PO	Potamogeton pectinatus	Pondweed
70 PV	Peltandra virginica	Arrow Arum
70 VA	Valeriana americana	Wild Celery
ZONE 2		
78 AC	Acorus calamus	Sweet Flag
86 AV	Andropogon virginicus	Broomsedge
123 PA	Panicum virginicum	Stimulgrass

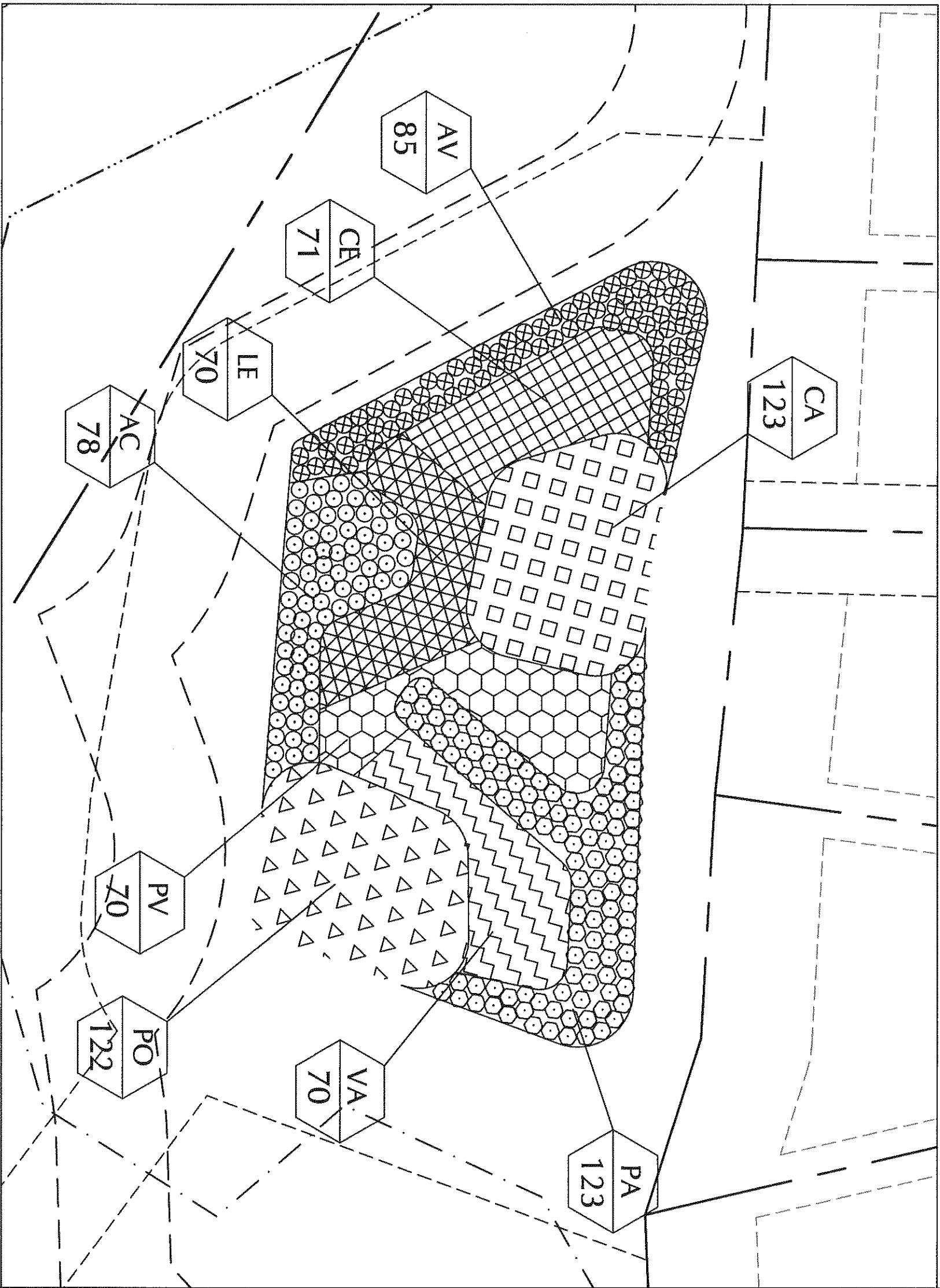
NOTE(S):

1. ALL PLANTS IN WETLAND AREA SHALL BE 4" POTTED PLANTS



BMP #1.3- CONSTRUCTED WETLANDS

SCALE: 1" = 20'



BMP #1.3 - PLANTING SCHEDULE

SCALE: 1" = 20'

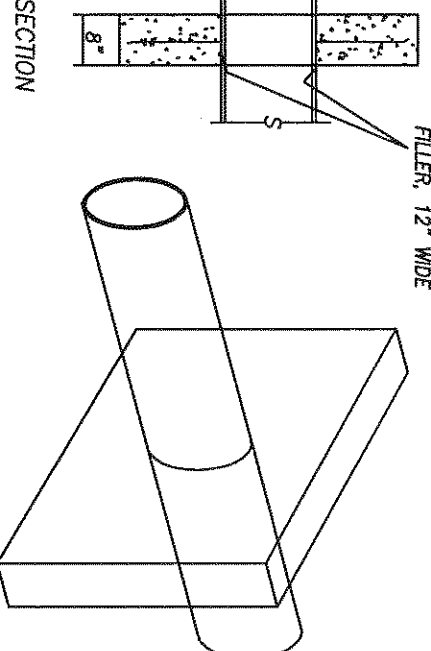
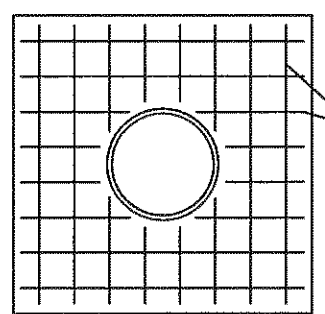
WENDELL FALLS - SF 1

Wake County

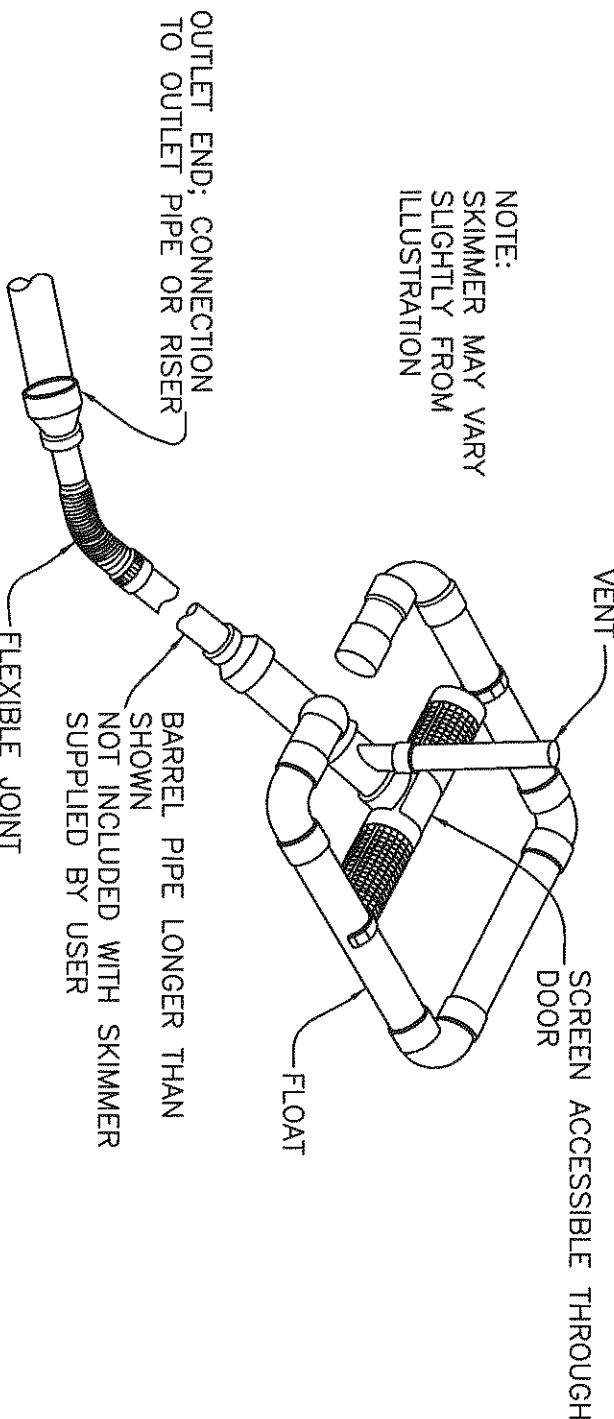
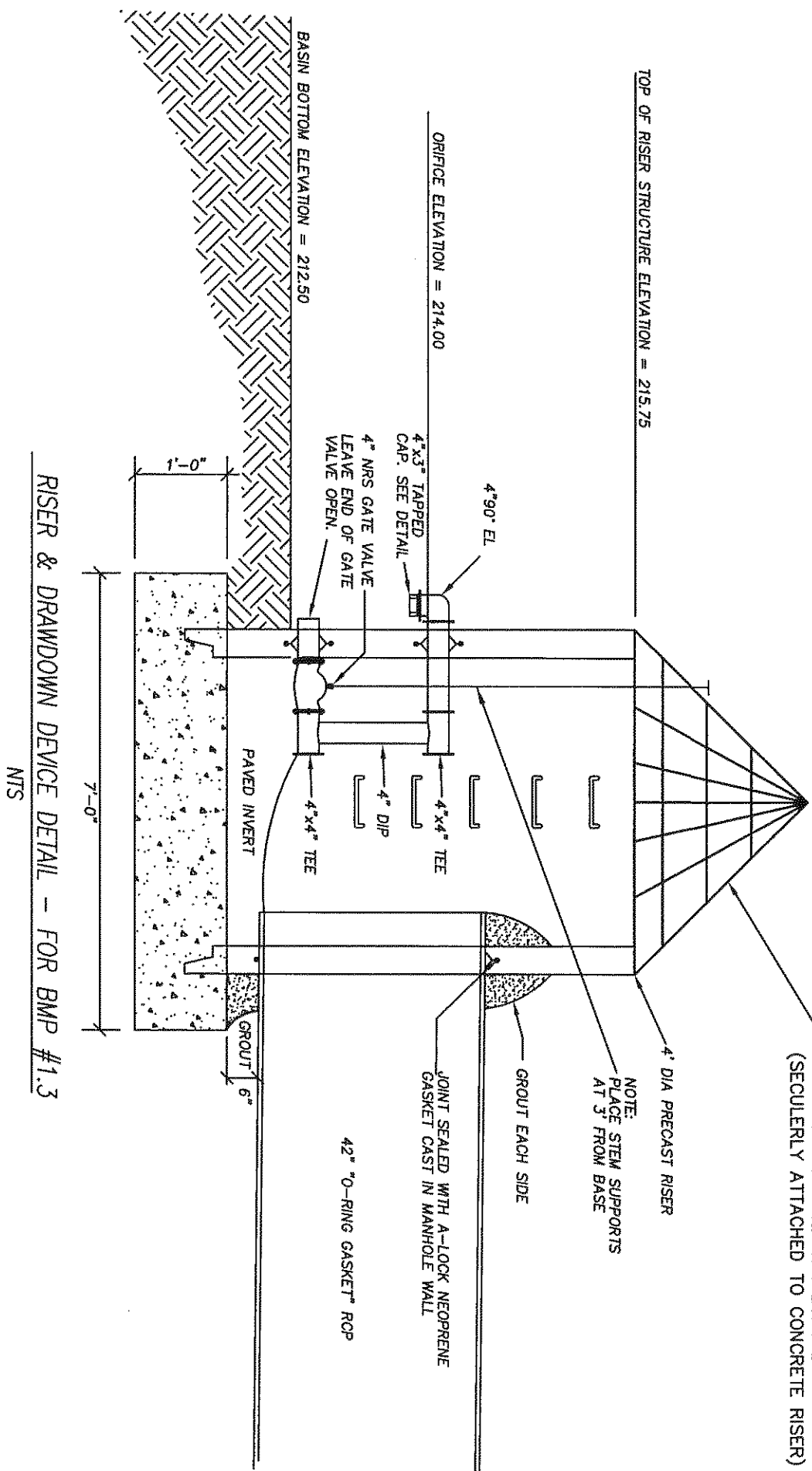
North Carolina

STORMWATER MANAGEMENT PLAN

BMP # 1.3



SEE BMP SECTION FOR SIZING DATA
TYPICAL ANTI-SLEEP COLLAR - BMP#1.3
NTS

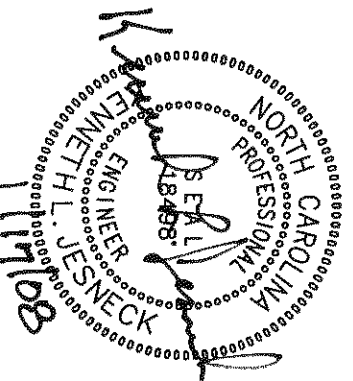
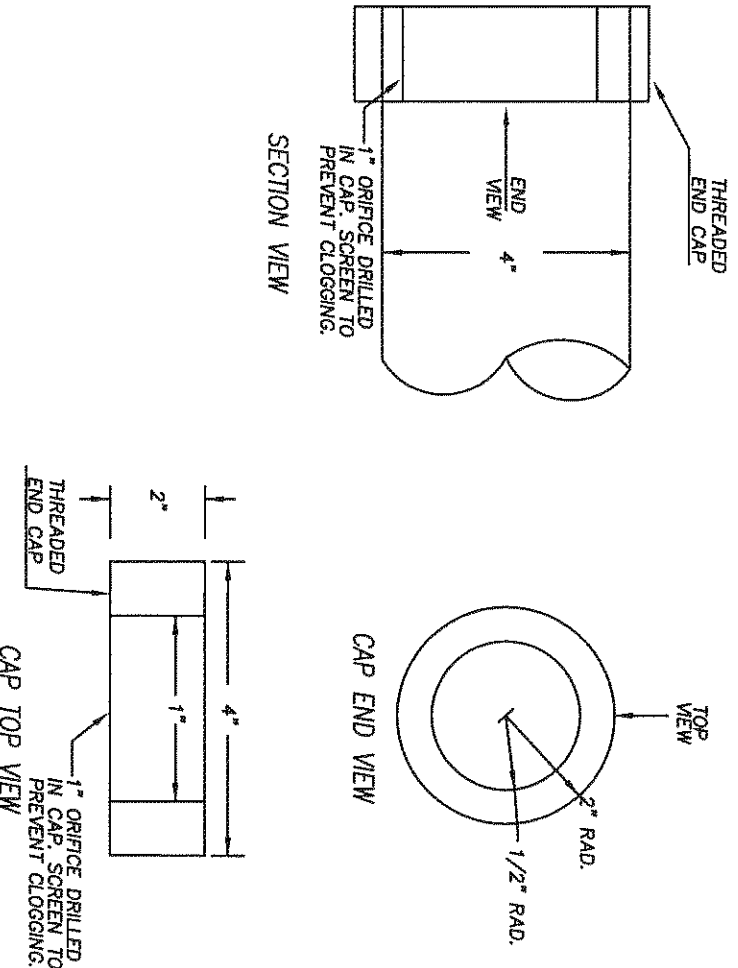


BMP SKIMMER DETAIL - BMP#1.3 (FOR SEDIMENTATION & EROSION CONTROL)
NTS

CONSTRUCTED WETLANDS NOTES:

1. IF WETLAND WAS USED AS SEDIMENTATION BASIN OR TRAP, BASIN MUST BE COMPLETELY CLEANED OUT AND GRADED.
2. SUBSURFACE SHALL BE COMPLETED DRAIN TO MINIMIZE INFILTRATION RATE.
3. ZONES IN THE WETLAND FROM 1' FOOT BELOW TO 6' INCHES ABOVE THE NORMAL POOL ELEVATION SHALL BE STABILIZED WITH HYDROSEED OR OTHER METHOD TO PREVENT EROSION.
4. WETLAND BASIN SHALL BE STABILIZED WITH HYDROSEED OR OTHER METHOD TO PREVENT EROSION.
5. SOIL AND STORM SHALL BE FULLY OPENED FOR NO MORE THAN 3 DAYS PRIOR TO THE PLANTING DATE.
6. PLANTS SHALL BE PURCHASED FROM LOCAL NURSERIES AT LEAST 3 MONTHS IN ADVANCE OF PLANTING.
7. BE PLANTED IN DRY FALL.
8. SOURCE NURSERIES SHALL BE CONSIDERED FOR OPTIMAL PLANT SPECIES.
9. GRADES VARYING AFTER SHAPING OF THE BOTTOM OF THE WETLANDS.
10. POST-NURSERY CARE OF WETLANDS SHALL INCLUDE FREQUENT WATERING, FERTILIZING, AND WEED CONTROL.
11. PLANTS SHALL BE PLANTED IN ACCORDANCE WITH STANDARD NURSERY PRACTICES.
12. NORMAL POOL LEVEL SHALL BE MONITORED UNTIL THE PLANT MATERIAL HAS BEEN ESTABLISHED. IN DRY PERIODS, WATER SHALL BE ADDED TO MAINTAIN MOIST.
13. ALL PLANTS IN WETLAND AREA SHALL BE 4" POTTED PLANTS.
14. ALL PLANTS SHALL BE PLANTED AT LEAST 10' O.C.

ORRICE CAP DETAIL
BMP #1.3 - CONSTRUCTED WETLAND
NTS



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Sheet No.
SW 1.3