

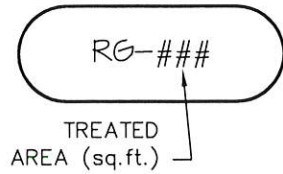
CONSTRUCTION INSPECTIONS

1. CALL THE QUEEN ANNE'S COUNTY DEPARTMENT OF PUBLIC WORKS AT 410-758-0925 PRIOR TO CONSTRUCTION AND IMMEDIATELY FOLLOWING EACH OF THE FOLLOWING PHASES:
2. EXCAVATION TO SUBGRADE AND BEFORE PLACEMENT OF SOIL.
3. FINE GRADING AND PERMANENT STABILIZATION OF ADJACENT SOILS.

CONSTRUCTION NOTES

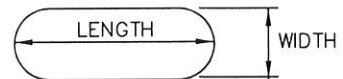
1. RAINGARDENS SHALL BE CONSTRUCTED AFTER ALL UPSTREAM AREAS HAVE BEEN STABILIZED WITH EITHER IMPERVIOUS SURFACES OR TOPSOIL AND VEGETATION.
2. RAIN GARDEN EXCAVATION SHALL BE ROUGH AND UNCOMPACTED. IF SMEARING OF BOTTOM OR WALLS OCCURS, SCRATCH WITH A RAKE AS NECESSARY TO EXPOSE ROUGH EARTH.
3. LANDSCAPING MATERIALS SHOULD BE INSTALLED DURING THE SPRING OR FALL IF POSSIBLE.
4. OVERFLOW FROM RAIN GARDEN SHALL BE DIRECTED OVER A 10' WIDE MINIMUM EARTH SPILLWAY STABILIZED WITH TURF AND SHALL NOT BE A SOURCE OF DOWNSTREAM EROSION.
5. THE OWNER IS ENCOURAGED TO ENHANCE THE VISUAL APPEAL OF THE RAIN GARDEN BY ADDING STONE OR TIMBER RETAINING WALLS.

SITE PLAN SYMBOL



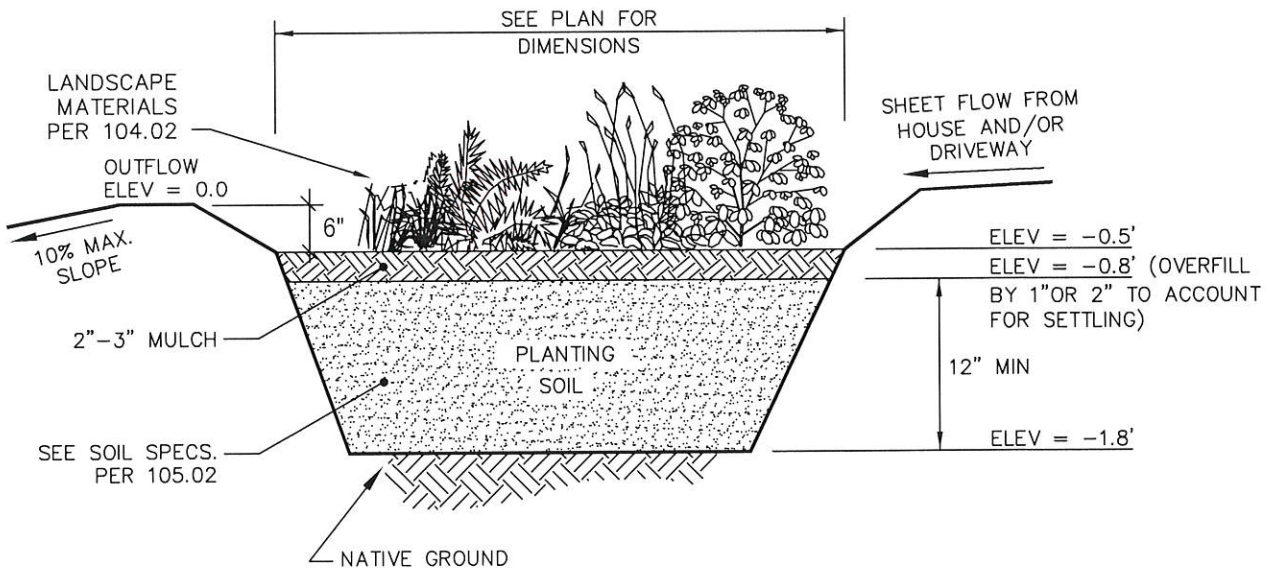
SIZING CHART

TREATED AREA (sq.ft.)	RAINGARDEN AREA (sq.ft.)	SUGGESTED DIMENSIONS	
		LENGTH	WIDTH
500	70	14	6
1000	140	20	8
1500	210	24	10
2000	280	30	11



MINIMUM SETBACKS

1. 10 FEET FROM A BUILDING OR PROPERTY LINE
2. 25 FEET FROM A SEPTIC RESERVE AREA
3. 15 FEET FROM A DEEP WELL
4. 25 FEET FROM A SHALLOW WELL



CROSS SECTION

C:\Stormwater Management\SWM Standard Plan\Details\SLR-105.01-Raingarden.dwg

APPROVED *[Signature]*
 DATE 12/01/15
 DIRECTOR, DEPT. OF PUBLIC WORKS
[Signature]
 CHIEF OF ENGINEERING

SCALE:
 NO SCALE
 REVISIONS:

QUEEN ANNE'S COUNTY
 DEPARTMENT OF PUBLIC WORKS
 SINGLE LOT RESIDENTIAL ONLY
 RAIN GARDEN
 CONSTRUCTION DETAIL

STANDARD NO. SLR-105.01

PLANT SELECTION

1. THE OWNER IS ENCOURAGED TO WORK WITH A REGISTERED LANDSCAPE ARCHITECT OR NURSERY TO CREATE AN ATTRACTIVE AND FUNCTIONAL MIX OF NATIVE PLANT SPECIES THAT ARE TOLERANT OF BOTH SATURATED AND DRY CONDITIONS.
2. INFORMATION ON APPROPRIATE SPECIES IS AVAILABLE BY TYPING "BAYSCAPES NATIVE PLANTS" INTO YOUR FAVORITE SEARCH ENGINE.
3. THE SCHEDULE AND TYPICAL DETAIL BELOW CAN BE USED AS A BASIS FOR PLANT SELECTION AND GROUPINGS, IF DESIRED.

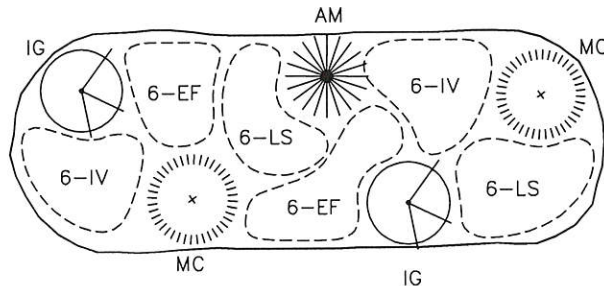
SOIL SPECIFICATIONS

1. THE RAIN GARDEN PLANTING SOIL SHALL HAVE A COMPOSITION OF 50% SAND, 20% COMPOSTED LEAVES, AND 30% TOPSOIL.
2. SOIL SHALL BE OF UNIFORM COMPOSITION, FREE OF STONES, DEBRIS, STUMPS, ROOTS OR SIMILAR OBJECTS LARGER THAN ONE INCH.
3. SOIL SHALL BE FREE OF PLANTS (OR PLANT PARTS) OF BERMUDA GRASS, QUACK GRASS, JOHNSON GRASS, MUGWORT, NUTSEDGE, POISON IVY, OR CANADIAN THISTLE.
4. PLANTING SOIL SHALL BE OVERFILLED BY 1" TO 2" TO ALLOW FOR SETTLING. DO NOT COMPACT.

RAIN GARDEN PLANTING SCHEDULE

BOTANICAL NAME	COMMON NAME	SYMB.	SIZE	RAINGARDEN SIZE (sq.ft.)			
				70 QTY.	140 QTY.	210 QTY.	280 QTY.
SHRUBS:							
ILEX GLABRA	INKBERRY	IG	2 GAL.	1	2	3	3
ARONIA MELANOCARPA	BLACK CHOKEBERRY	AM	2 GAL.	1	1	2	3
MYRICA CERIFERA	BAYBERRY	MC	2 GAL.	1	2	2	3
GROUND COVER:							
ANDROPOGON VIRGINICUS	BROOMSEDGE	IV	PLUG	6	12	18	24
LIATRIS SPICATA	BLAZING STAR	LS	PLUG	6	12	18	24
EUPATORIUM FISTULOSUM	JOE-PYE WEED	EF	PLUG	6	12	18	24

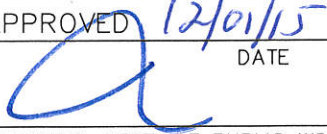
PLANTING EXAMPLE
FOR 140 sq.ft. RAINGARDEN




MAINTENANCE CRITERIA:

1. WATER PLANTS LIBERALLY THE FIRST GROWING SEASON AND DURING PERIODS OF DROUGHT THEREAFTER.
2. REMOVE ACCUMULATED TRASH AND VEGETATIVE DEBRIS EVERY FEW MONTHS.
3. PRUNE AND REMOVE DEAD VEGETATION PERIODICALLY, AS WITH ANY LANDSCAPE BED. IF SPECIFIC PLANTS ARE NOT SURVIVING, REPLACE WITH A DIFFERENT SPECIES. WATERING MAY BE REQUIRED DURING PROLONGED DRY PERIODS.
4. SILTS AND SEDIMENT SHOULD BE REMOVED FROM THE SURFACE OF THE FILTER BED WHEN ACCUMULATION EXCEEDS ONE INCH. THE TOP FEW INCHES OF FILTER MEDIA SHOULD BE REMOVED AND REPLACED WHEN WATER PONDS FOR MORE THAN 48 HOURS.
5. REFRESH MULCH WITH AN ADDITIONAL THIN LAYER ANNUALLY. REMOVE ALL MULCH AND REPLACE WITH A NEW THREE-INCH LAYER EVERY 3-5 YEARS.

APPROVED 12/01/15
DATE


DIRECTOR, DEPT. OF PUBLIC WORKS


CHIEF OF ENGINEERING

SCALE:
NO SCALE

REVISIONS:

QUEEN ANNE'S COUNTY
DEPARTMENT OF PUBLIC WORKS

SINGLE LOT RESIDENTIAL ONLY

**RAIN GARDEN LANDSCAPING
DETAILS AND NOTES**

STANDARD NO. SLR-105.02