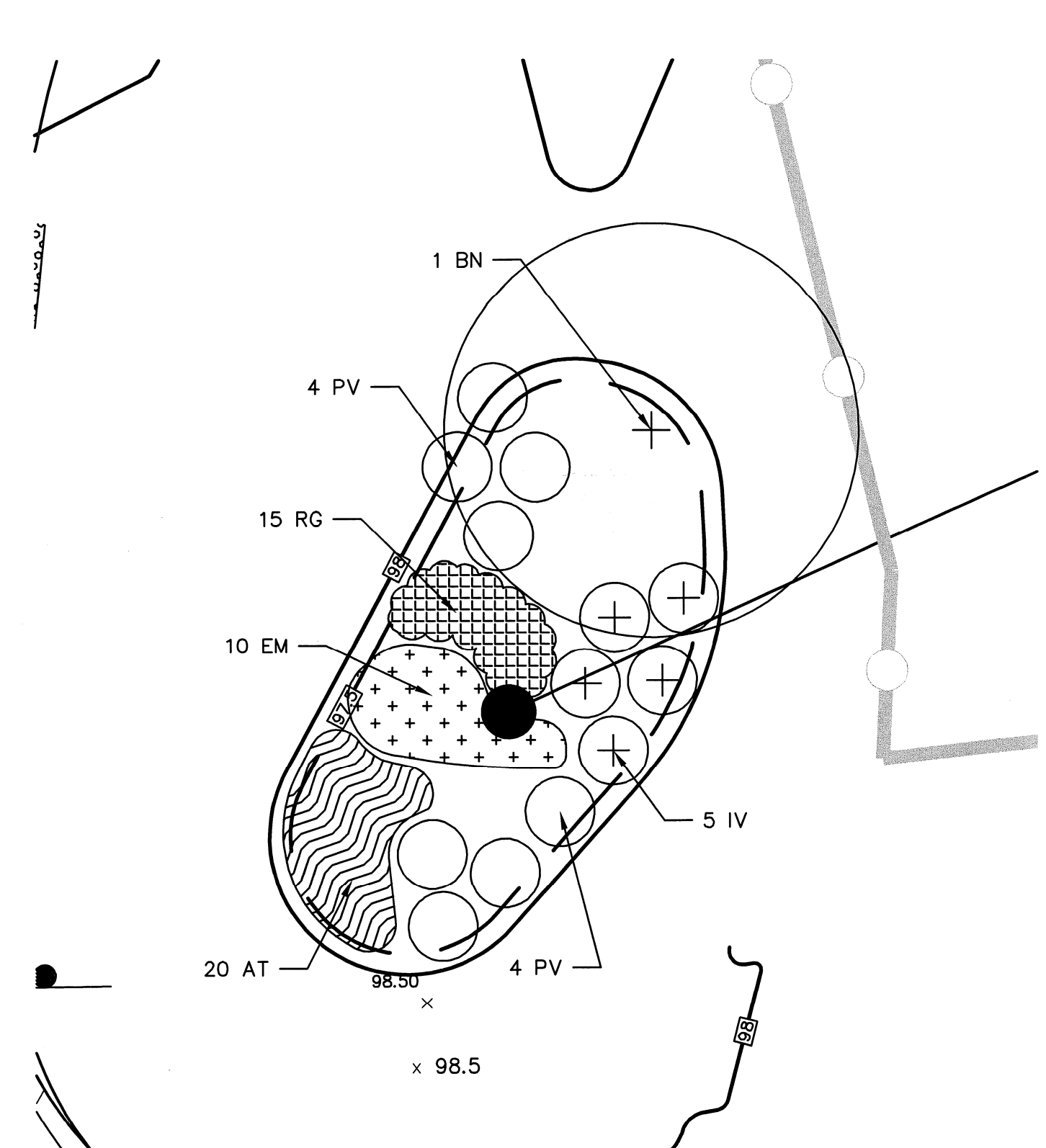
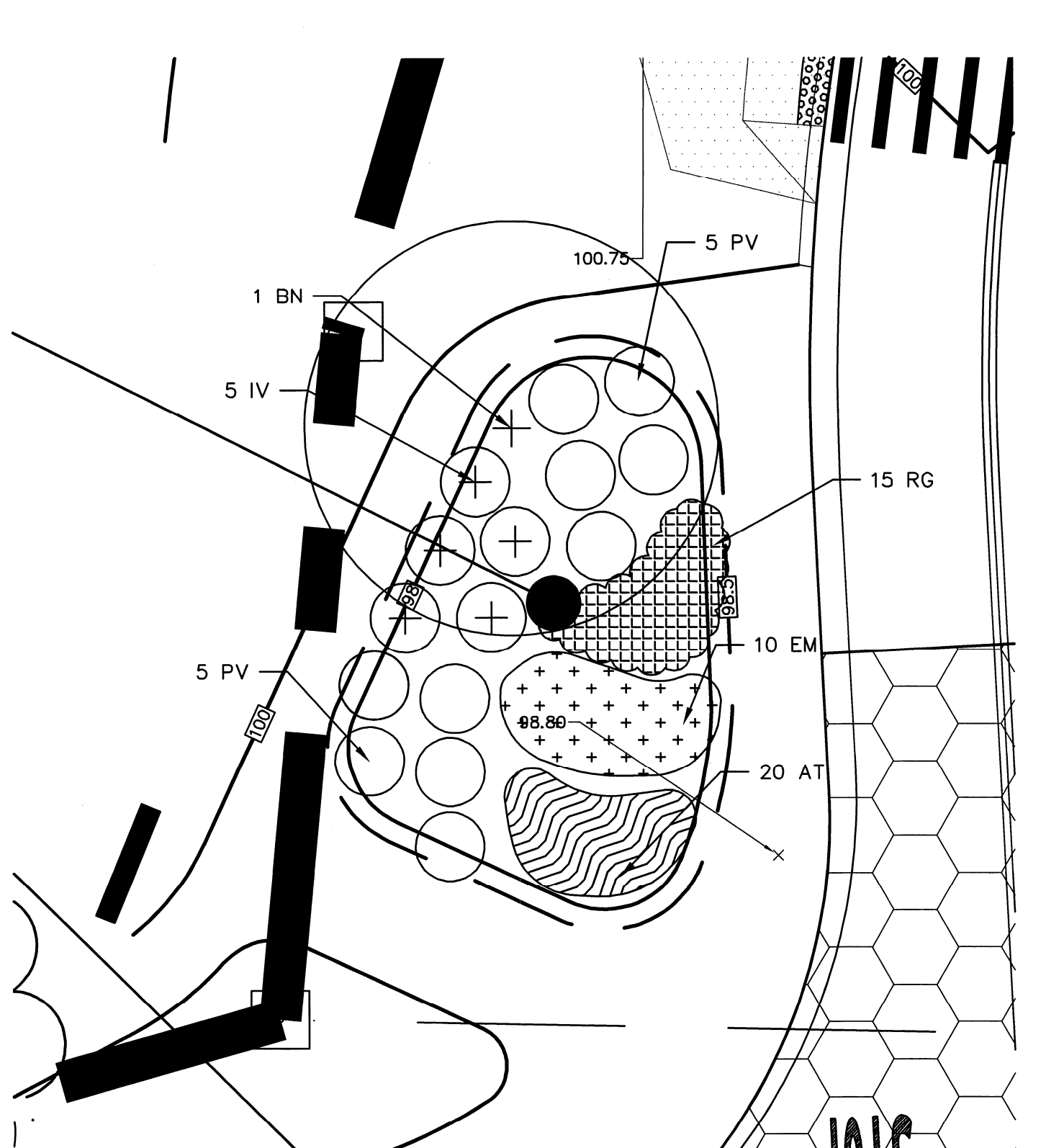


SPECIES	GRAVEL WETLAND PLANTING PLAN	PLANT SIZE	QUANTITY/SPACING
NEW ENGLAND EROSION CONTROL/RESTORATION MIX OR EQUIVALENT			35 LB/ACRE
"RED OSIER DOGWOOD" CORNUS SERICEA		2-3'	8'-10' ON CENTER
"SILKY DOGWOOD" CORNUS AMOMUM		2-3'	8'-10' ON CENTER
"HIGHBUSH BLUEBERRY" VACCINIUM CORYBOSSUSUM			

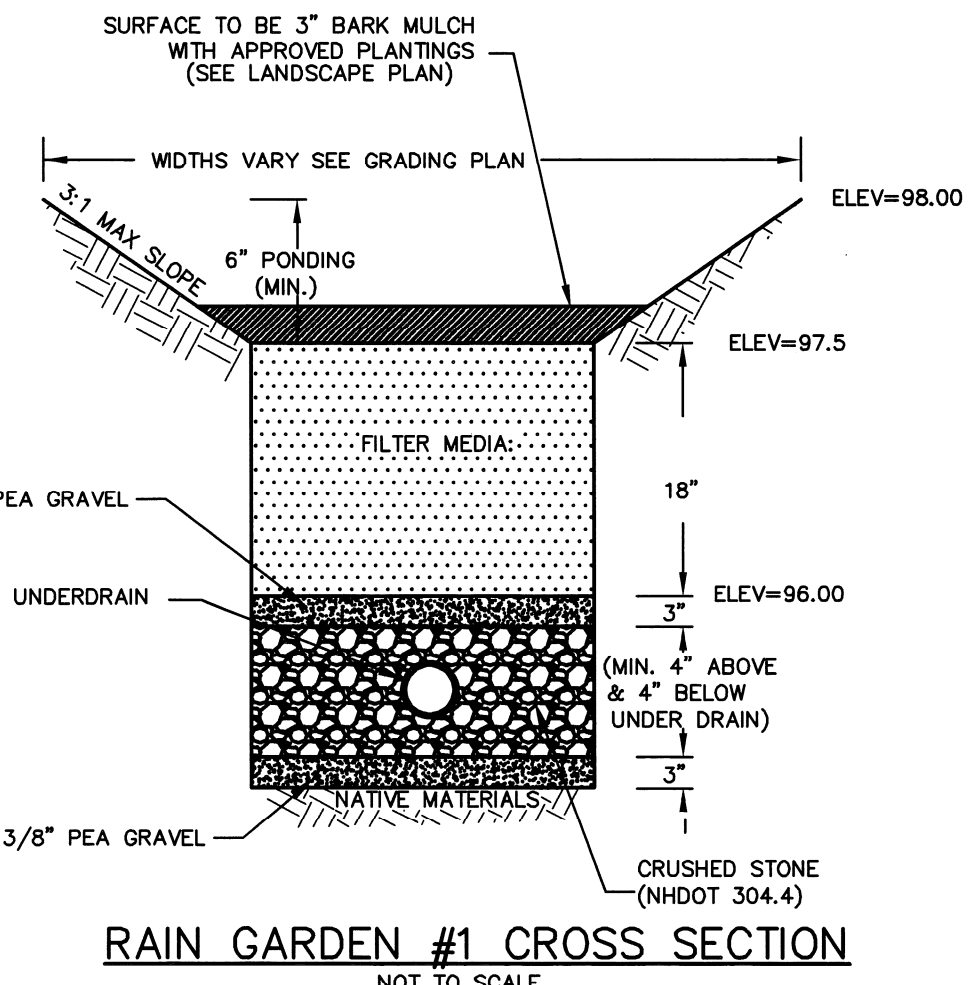
**GRAVEL WETLAND PLAN VIEW**  
 SCALE: 1"=20'



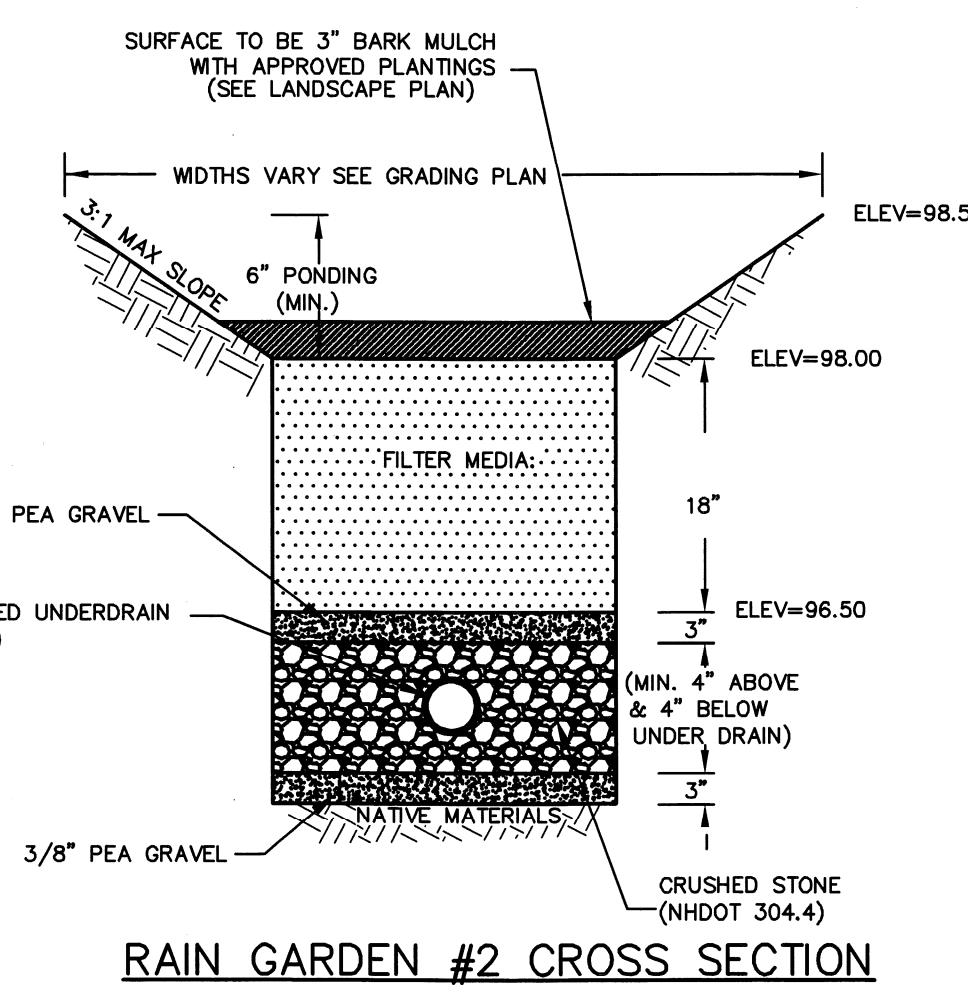
**RAIN GARDEN #1 PLAN VIEW**  
 SCALE: 1"=10'



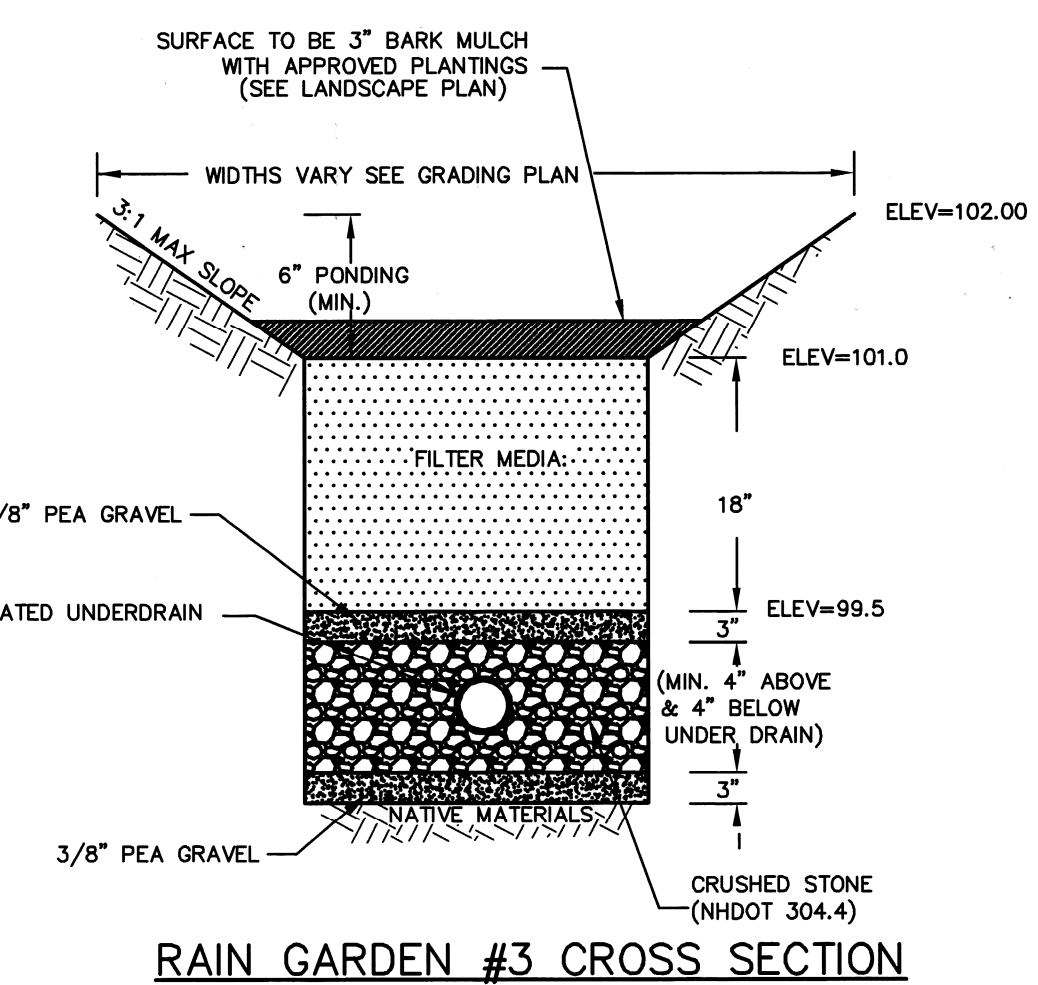
**RAIN GARDEN #2 PLAN VIEW**  
 SCALE: 1"=10'



**RAIN GARDEN #1 CROSS SECTION**  
 NOT TO SCALE



**RAIN GARDEN #2 CROSS SECTION**  
 NOT TO SCALE

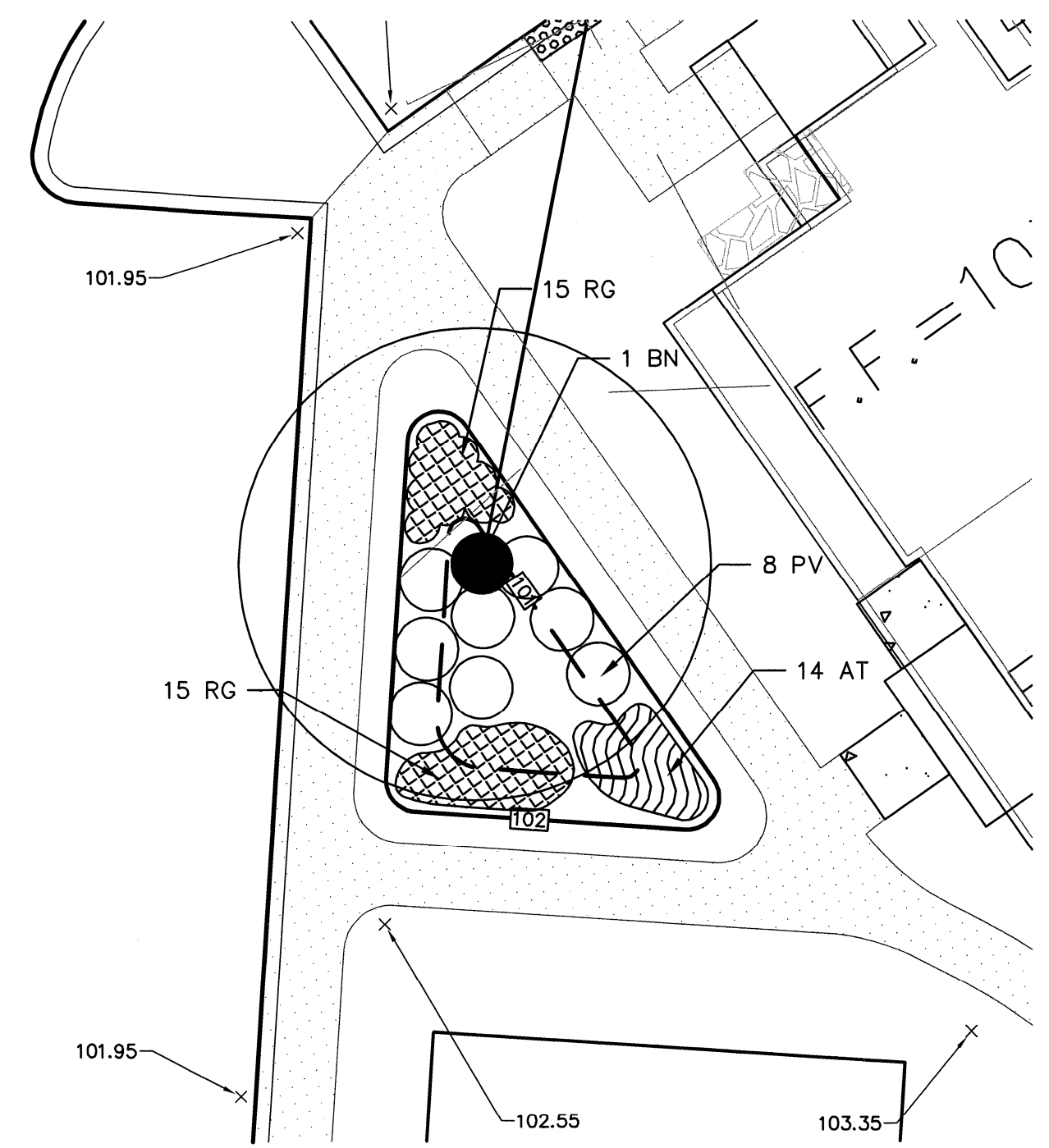


**RAIN GARDEN #3 CROSS SECTION**  
 NOT TO SCALE

COMPONENT MATERIAL	PERCENT OF MIXTURE BY VOLUME	GRADATION OF MATERIAL	
		SIEVE NO.	% PASSING STANDARD SIEVE
FILTER MEDIA			
ASTM C-33 CONCRETE SAND	50 TO 55	PER ASTM REQUIREMENTS	
LOAMY SAND TOPSOIL, WITH FINES AS INDICATED	20 TO 30	200	15 TO 25
MODERATELY FINE SHREDED BARK OR WOOD FIBER MULCH WITH FINES AS INDICATED	20 TO 30	200	<5

**RAIN GARDEN SPECIFICATIONS**  
 NOT TO SCALE

- NOTES:**
- BARK MULCH SHALL BE AGED A MINIMUM OF 12 MONTHS AND SHALL NOT FLOAT.
  - RAIN GARDENS SHOULD NOT BE PLACED INTO SERVICE UNTIL THE BMP HAS BEEN PLANTED AND ITS CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.
  - DO NOT TRAFFIC EXPOSED SOIL SURFACES WITH CONSTRUCTION EQUIPMENT CONTRACTOR SHALL KEEP ALL EXCAVATION EQUIPMENT OUTSIDE THE LIMIT OF THE RAIN GARDEN.
  - SEE GRADING PLAN FOR LOCATIONS.
  - ENGINEER SHALL INSPECT SUBGRADE PRIOR TO CONSTRUCTION TO DETERMINE SEASONAL HIGH WATER TABLE. IF REQUIRED A 6" PERFORATED UNDERDRAIN SHALL BE INSTALLED TO MAINTAIN A ONE (1) FOOT SEPARATION FROM WATER TABLE. UNDERDRAIN SHALL BE DAYLIGHTED TO DRAIN.
  - RAIN GARDEN BERMS AND SLOPES IN RAIN GARDEN #1 SHALL BE STABILIZED WITH CURLEX EROSION CONTROL BLANKETS OR EQUAL.
  - RAIN GARDEN BERMS AND SLOPES IN RAIN GARDEN #2 AND #3 SHALL BE STABILIZED WITH TENSAR Vmax3 C350 PERMANENT TURF REINFORCEMENT MAT OR EQUAL. TURF REINFORCEMENT MAT SHALL EXTEND TO A MINIMUM OF 20 FEET DOWNGRADIENT OF RAIN GARDEN BERM.



**RAIN GARDEN #3 PLAN VIEW**  
 SCALE: 1"=10'

CODE	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	QUANTITY
BN	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	12-14' HT	B & B	3
TV	ILEX VERTICILLATA 'RED SPRITE & JIM DANDY'	RED SPRITE & JIM DANDY WINTERBERRY	2-2 1/2' HT	CONTAINER (MIX M&F)	10
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	#3	CONTAINER	26
EM	EUPATORIUM MACULATUM	JOE PYE WEED	#2	CONTAINER	20
RG	RUDBECKIA HIERTA	BLACK EYED SUSAN	#1	CONTAINER	60
AT	ASCLEPIAS TUBEROSA	BUTTERFLY WEED	#1	CONTAINER	54

**Peak Campus Development, LLC**  
 The Lodges at West Edge  
 Durham, NH

Mark	Date	Description
E	6/11/13	ISSUED FOR BUILDING PERMIT
D	12/10/12	REVISED FOR A&T SUBMISSION
C	11/1/12	REVISED FOR PB SUBMISSION
B	9/26/12	REVISED FOR PB SUBMISSION
A	8/22/12	PB SUBMISSION

PROJECT NO: P0637  
 FILE: P0637\_DETAILS.dwg  
 DRAWN BY: KAM/SLK1  
 CHECKED: JMP2  
 APPROVED BY: GMM

DETAILS SHEET  
 SCALE: AS SHOWN  
 SHEET 21