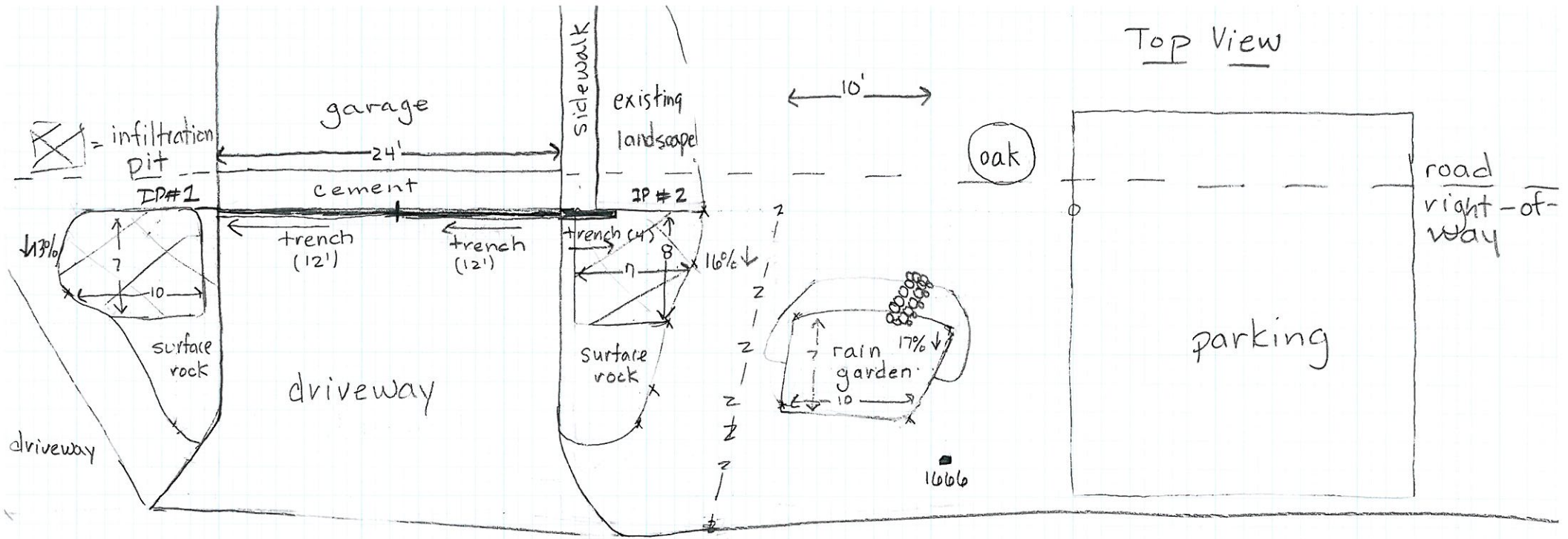


Top View



Patterson Court

Patterson Court



Tomma Freundsuh  
1666 Patterson Ct.

# Project Quantities

Freunds Schuh  
1666 Patterson Ct.

	Materials	Quantity	Cost per unit	Total Cost
<b>Rain Garden - 48 ft2 + 27 ft2 (slopes)</b>				
	2" Pots	24		
	4-6" Pots	18		
75 ft2	Shredded bark mulch (3")	19 ft3		
70%/30%	Sand/compost mix	1.89 yards		
3X6	filter fabric (8 oz.) 6 ft wide	3 ft.		
3X.33X6	3/4 - 2" rock	.25 yards		
	Soil amendment			
	Erosion blanket (berm)	50 ft2		
	Retaining wall - see drawings	(10 ft long, 2 ft high)		
	Excavation			
repair and berm	Shady grass seed			
<b>Rock Infiltration Pit #1</b>				
	filter fabric (8 oz.) 6 ft wide	65 ft X 8 ft		
7X10X4.5	3/4" - 2" rock (yds)	11.67 yards		
.25 X 50 ft2	surface rock (yds)	0.46 yards		
	6" trench drain	24 feet		
	6" flexible hose	4 feet		
	larger rock ok on bottom as long as uniform in size			
<b>Rock Infiltration Pit #2</b>				
	filter fabric (8 oz.) 6 ft wide	62 ft X 8 ft		
7X8X4.63	3/4" - 2" rock (yds)	9.6 yards		
.25 X 40 ft2	surface rock (yds)	0.4 yards		
	6" trench drain	4 feet		
	6" flexible hose	2 feet		
	larger rock ok on bottom as long as uniform in size			

## Rain Garden Plant List - Freunds Schuh

	Common Name	Scientific Name	Height	Bloom Time	Bloom Color	
Downslope						
Flowers						
	Wild geranium	Geranium maculatum	18 in	May to June	Pink	
	Foamflower	Tiarella cordifolia	12 in	May to June	White	
	Harebell	Campanula rotundifolia	16-24	June to Sept.	Lavender	
Sedges and Grasses						
	Pennsylvania sedge	Carex pennsylvanica	12 in	NA	NA	
	Little bluestem	Schizachyrium scoparium	18-36 in	NA	NA	sub
RAIN GARDEN BOTTOM						
Flowers						
	New England aster	Aster novae-angliae	24-60"	Aug to Oct	Purple	
	Purple Joe pyeweed	Eupatorium purpureum	24 to 36 in	July to Sept	Purple	
	Blue flag iris	Iris versicolor	to 36 in	June to July	Blue	
	Sweet coneflower	Rudbeckia subtomentosa	36 to 48 in	July to August	Yellow	
	Spiderwort	Tradescantia ohiensis	24 to 48 in	June to Oct	Blue	sub
Sedges and Grasses						
	Fox sedge	Carex vulpinoidea	12 to 36 in	NA	NA	

# Rain Garden Plant Quantities - Freunds Schuh

			Rain Garden #1						
	Common Name	Scientific Name	2" Pots	4-6" Pots					
	Downslope (27 ft2)								
	Flowers								
	Wild geranium	Geranium maculatum		3					
	Foamflower	Tiarella cordifolia		3					
	Harebell	Campanula rotundifolia	8						
	Sedges and Grasses								
	Pennsylvania sedge	Carex pennsylvanica	8						
	Little bluestem	Schizachyrium scoparium	sub						
	RAIN GARDEN BOTTOM (48 ft2)								
	Flowers								
	New England aster	Aster novae-angliae		3					
	Purple joe pyeweed	Eupatorium purpureum		3					
	Blue flag iris	Iris versicolor		3					
	Sweet coneflower	Rudbeckia subtomentosa		3					
	Spiderwort	Tradescantia ohiensis		sub					
	Sedges and Grasses								
	Fox sedge	Carex vulpinoidea	8						

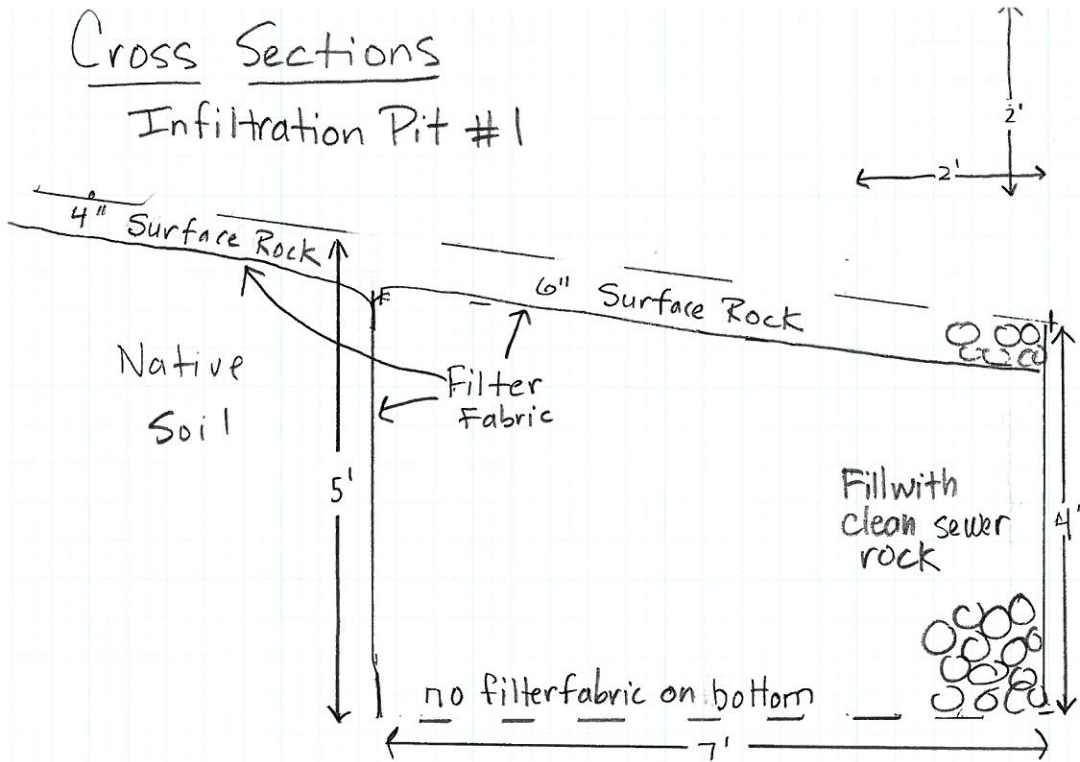
Plant 2" pots with 14" spacing with 12" spacing

Plant 6 inch pots with 18-24" spacing

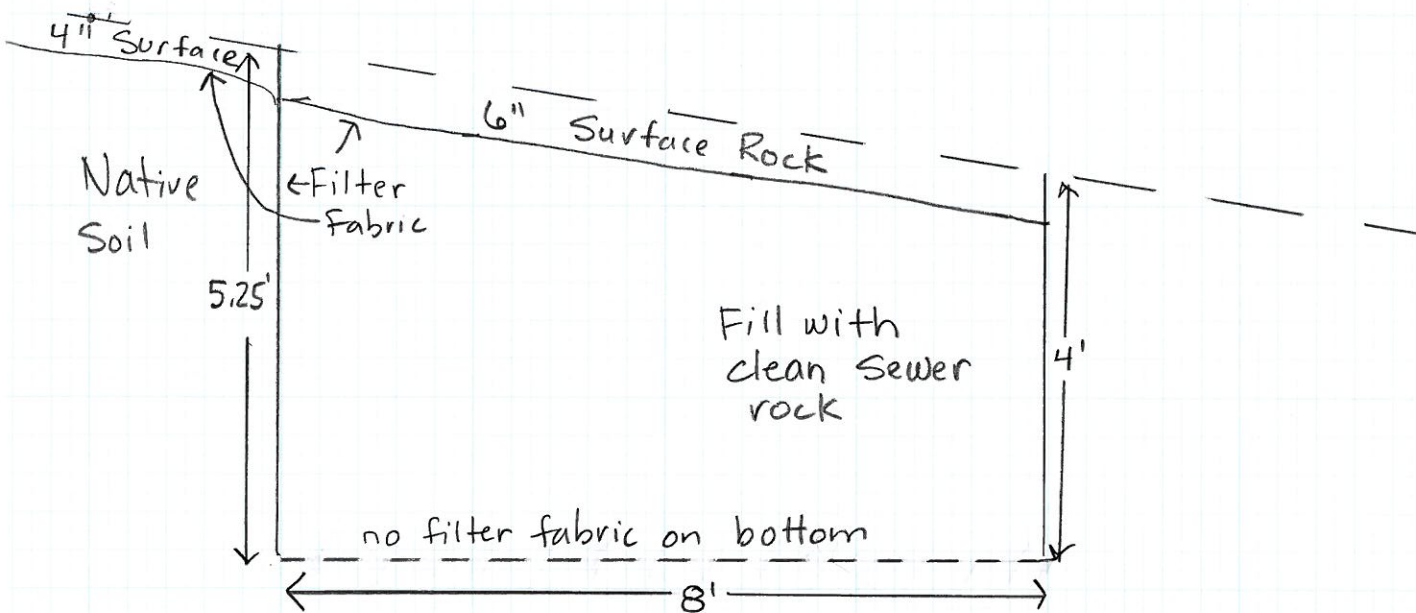
Pot sizes can be substituted with spacing indicated

# Cross Sections

## Infiltration Pit #1

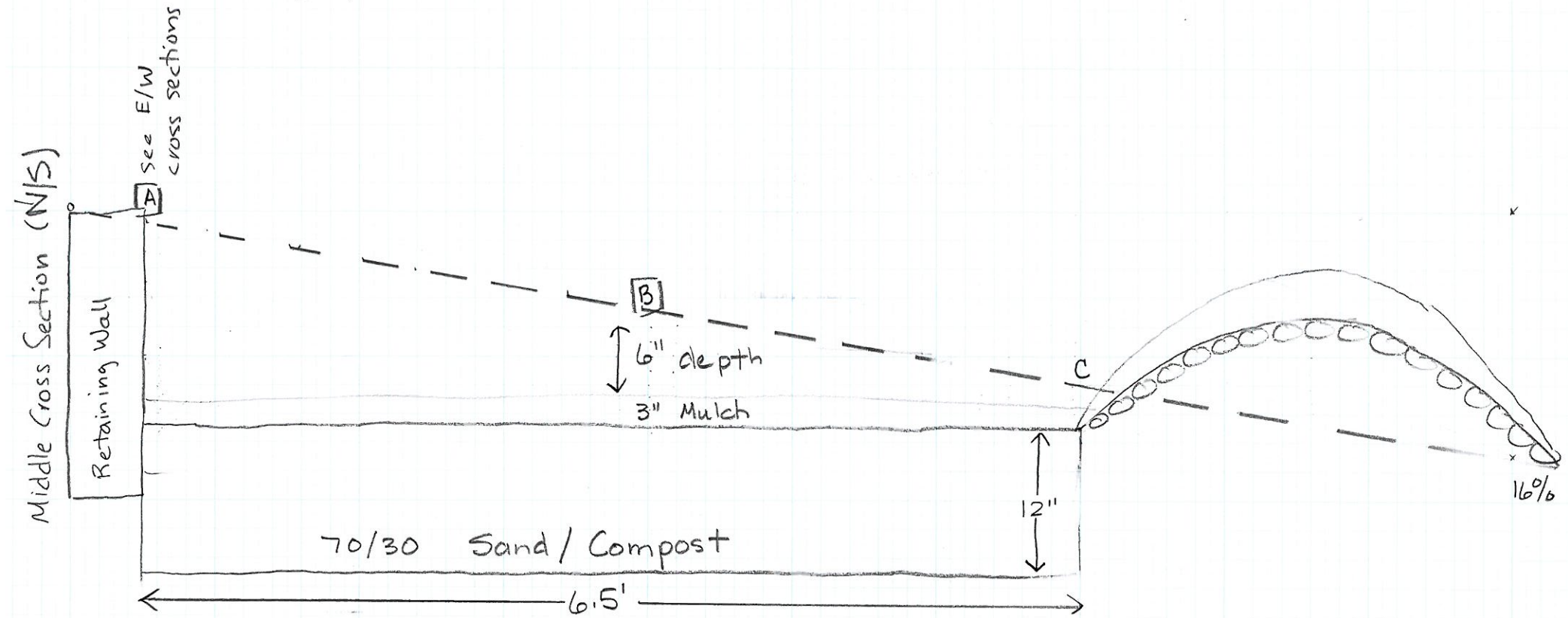


## Infiltration Pit #2

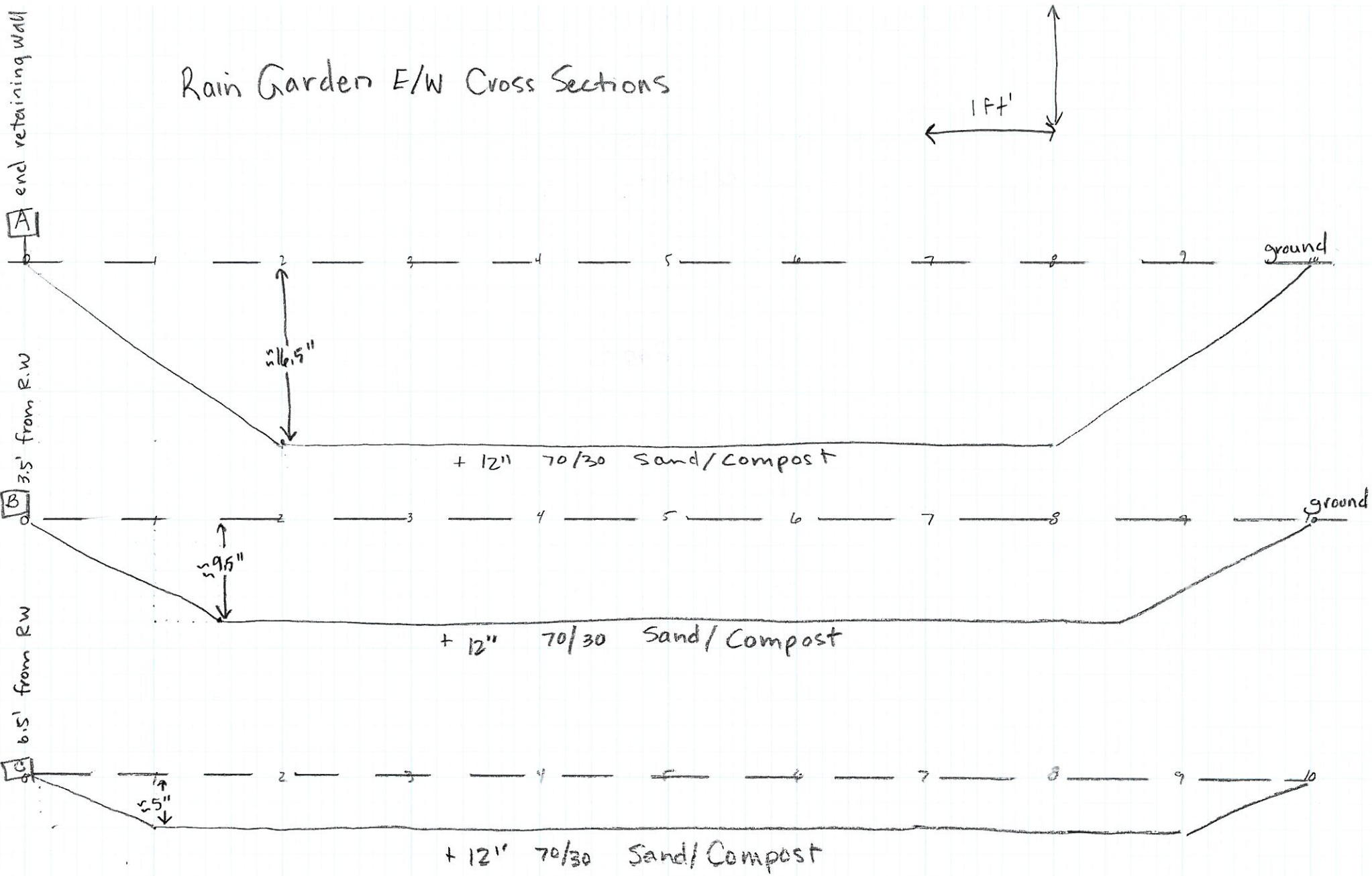
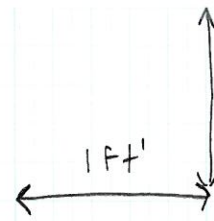


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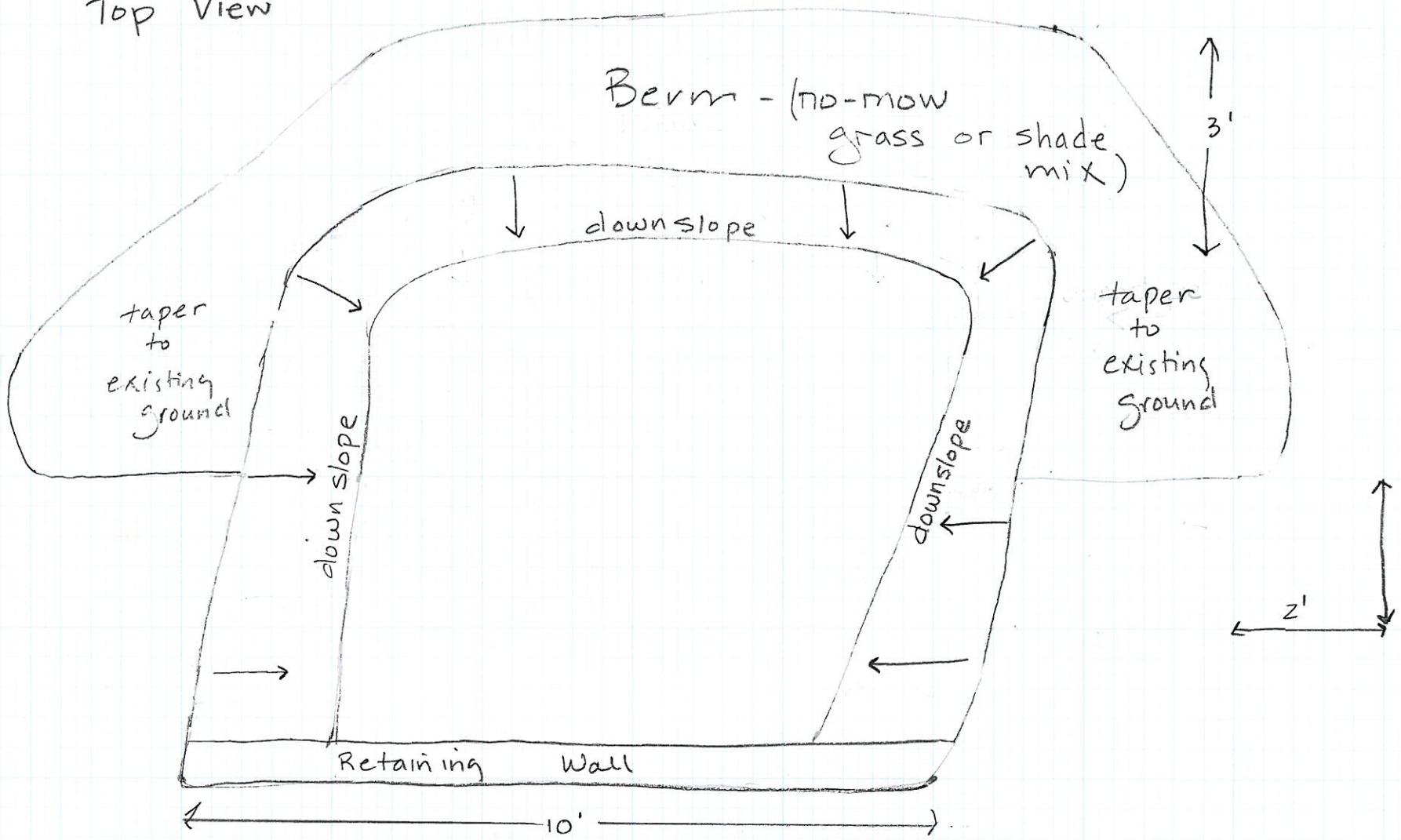
# Rain Garden N/S Cross Section



# Rain Garden E/W Cross Sections



Rain Garden  
Top View

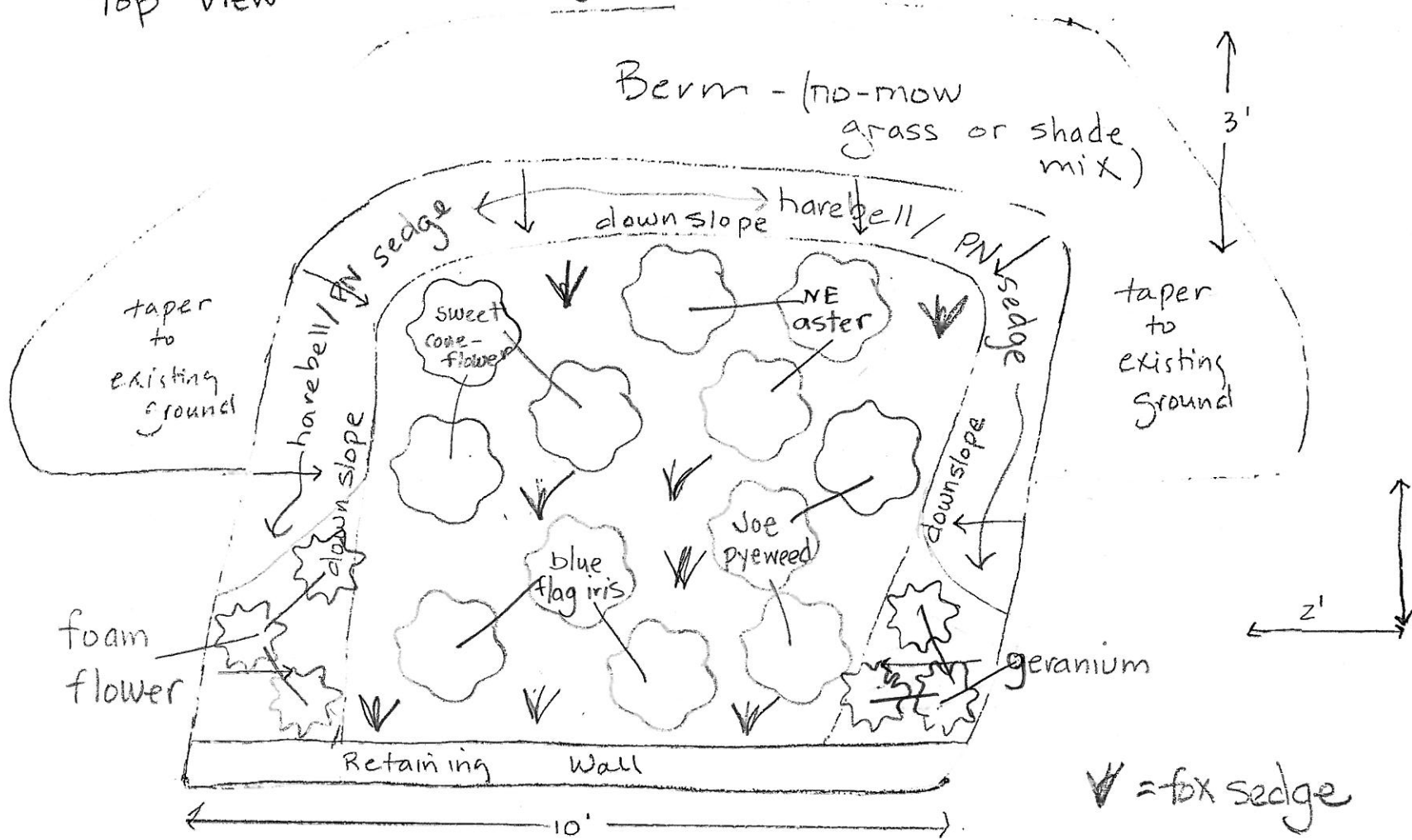


T. Freunds Schuh



# Rain Garden - Planting Plan

## Top View



T. Freuntschuh