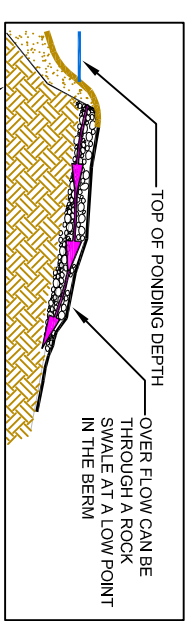
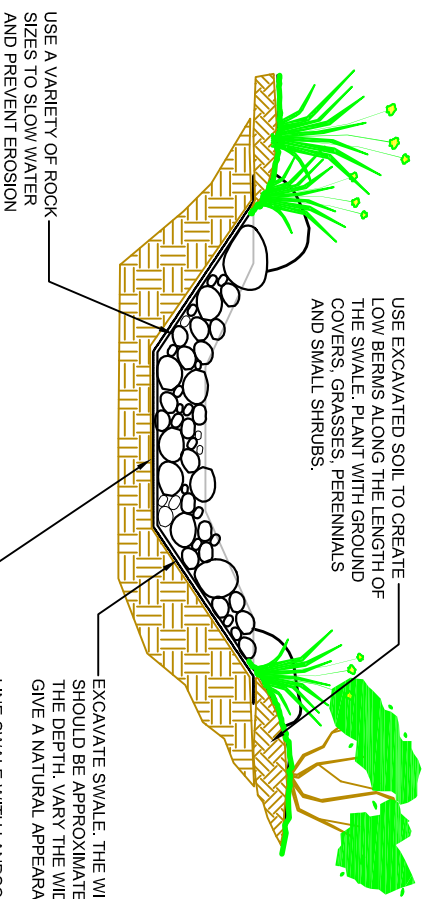


- NOTE: IF NECESSARY, BERM DOWNSLOPE EDGE OF RAIN GARDEN TO CONFINE WATER IN RAIN GARDEN.
1. BERM AT LEAST 6" ABOVE THE MAXIMUM PONDING DEPTH. PACK THE BERM WITH FOOT PRESSURE. MINIMUM BERM SIZE: 24" WIDE AT BASE AND 12" WIDE AT TOP.
 2. USE THE EXCAVATED SOIL TO BUILD THE BERM.
 3. APPLY IN 3" LIFTS AND COMPACT AS EACH LAYER IS ADDED WITH FOOT PRESSURE.
 4. MINIMUM BERM SIZE IS 24" WIDTH AT THE BOTTOM AND 12" AT THE TOP.
 5. PLANT BERM WITH VIGOROUS GROUNDCOVER SUCH AS *Fragaria chiloensis*/ Coastal Strawberry, *Rubus calychnoides*/ Creeping Bramble, *Helianthemum*/ Sunrose.



1

STANDARD RAIN GARDEN SECTION
NOT TO SCALE



2

ROCK LINED SWALE
NOT TO SCALE

- NOTES:**
1. Follow setbacks noted in Table 1-A on this sheet, unless otherwise noted.
 2. Bottom of excavation and top of rain garden soil must be level.
 3. All pipe to be ASTM D3034 or as otherwise specified.
 4. Do not construct rain gardens during storm events or allow water to pond within the rain garden area during construction.
 5. Material quantities listed are based on an 18" rain garden soil mix depth and 3" mulch depth.
 6. Reinforce inflow and overflow of rain garden with a minimum of 2"-3" depth of washed rock that extends a minimum of 2'-3' beyond the inflow and overflow. Use a variety of sizes of rock to more effectively prevent erosion.
 7. The lowest elevation of the rain garden must be planted with zone 1 plants.
 8. Apply 2" to 3" aged coarse compost after planting.
 9. Plant quantities may vary based on species and size of plants at installation.
 10. Refer to *Rain Garden Handbook for Western Washington Homeowners*, (WSU Extension) for important construction guidelines.
 11. Locate utilities before you dig. Call 1-800-424-5555 or 811 or go to www.washington811.com.

Rain Garden Site Constraints and Considerations

Table 1-A

SEPTIC SETBACKS		Rain Garden Uphill of Septic	Rain Garden Downhill of Septic
Distance from the edge of primary, reserve and neighboring drainfields		30 ft.	30 ft.
Distance from septic tank		10 ft.	10 ft.
WELL SETBACKS		Well setback to Rain Garden	
Distance from private or 2 party well		50 ft.	
Distance from public well		100 ft.	
OTHER SETBACKS AND CONSIDERATIONS			
Slope	best on slopes less than 15%	greater than 15%, 200' setback required or consult with engineer	
Property Line	10 ft. to rain garden		
Building Foundation	10 ft. to rain garden		
Recorded Plat Requirements	refer to the recorded plat and/or plat covenants at www.kitsapgov.com and to records search/quick links		



Designed: TB
Drawn: JM

RAIN GARDEN
Typical Cross Section

Date: 03/14/14
Sheet No. 1 of 1