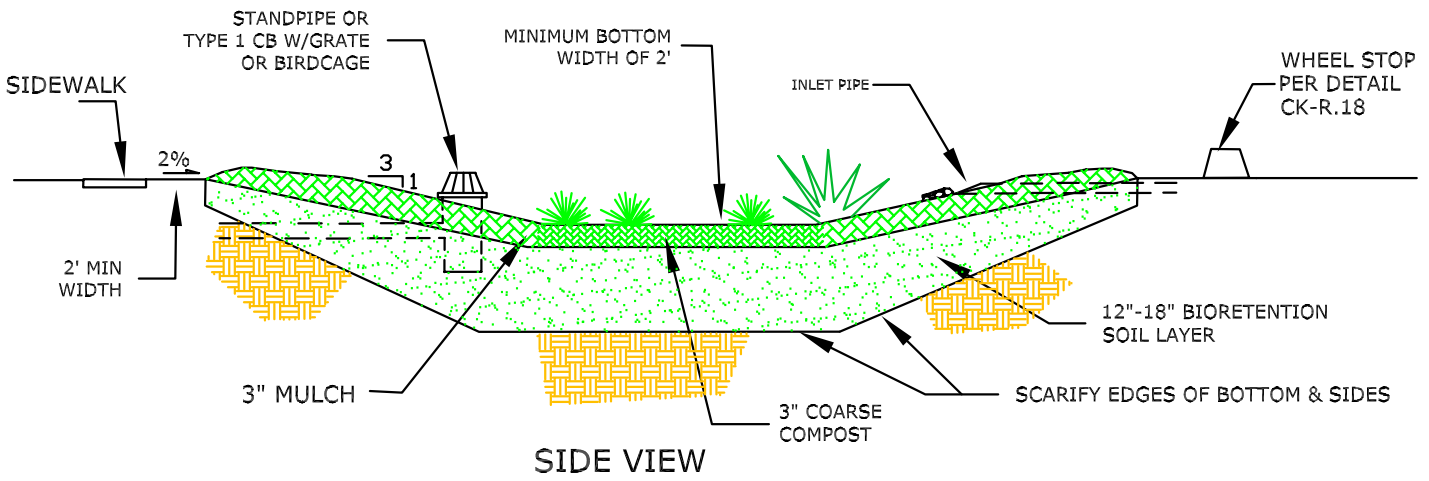


RAIN GARDEN WITH PIPED INLET AND OUTLET

LAST REVISED: 03/10/10



SIDE VIEW

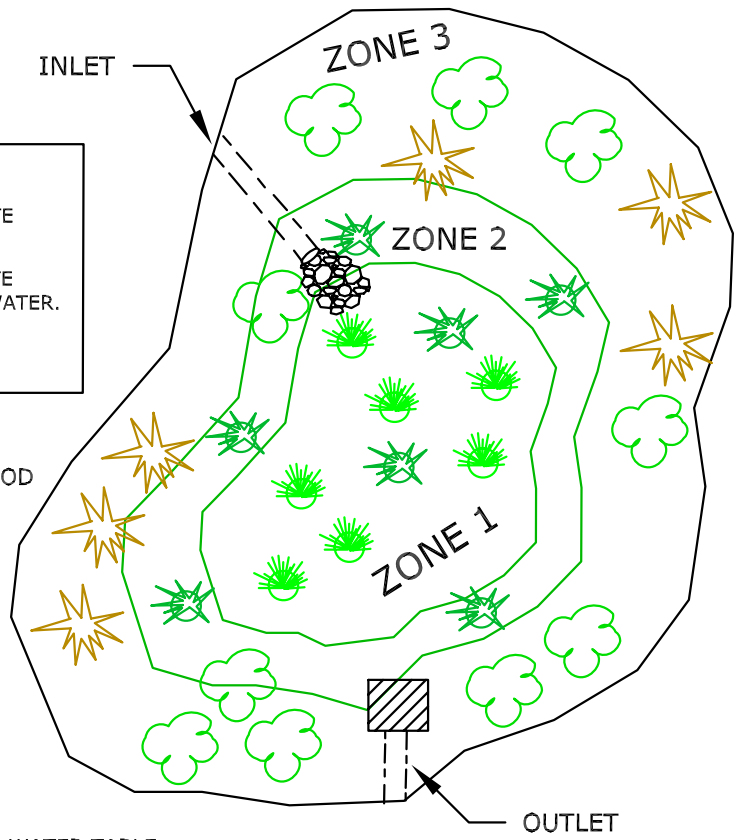
NTS

RAIN GARDEN SHAPES WILL VARY. SHAPE AND PLANTS SHOWN IN DIAGRAM ARE FOR ILLUSTRATION PURPOSES ONLY. SEE PLANT REQUIREMENTS ON SHEETS L.03 AND L.04.

PLANTING ZONES	
ZONE 1:	FOR PLANTS THAT TOLERATE WETTER CONDITIONS.
ZONE 2:	FOR PLANTS THAT TOLERATE OCCASIONAL STANDING WATER.
ZONE 3:	FOR PLANTS THAT PREFER DRIER CONDITIONS.


NOTES

1. INSTALL MULCH AT 3" DEPTH; SHREDDED OR CHIPPED WOOD OK ON SIDE SLOPES AND AROUND EDGES OF GARDEN. DO NOT USE LARGE CHUNKS OF BARK OR GRASS CLIPPINGS.
2. INSTALL 3" DEPTH OF COARSE COMPOST ON BOTTOM OF RAIN GARDEN. COMPOST SHOULD BE WEED-FREE, DECOMPOSED, NON-WOODY PLANT MATERIAL, WITH NO ANIMAL WASTE; MEETING WAC 173-350-220.
3. TILL AMMENDED SOIL INTO THE TOP 12" TO 18" OF SOIL FOR BIORETENTION SOIL LAYER IN ALL PLANTING ZONES. AMENDED SOIL SHOULD BE A SAND/COMPOST BLEND HAVING 8 TO 13% ORGANIC MATERIAL BY DRY WEIGHT.
4. MINIMUM 1' DEPTH BETWEEN BOTTOM OF RAIN GARDEN AND WATER TABLE.
5. 6-12" PONDING DEPTH AT OVERFLOW. THE OVERFLOW POINT SHALL BE AT LEAST 6" BELOW ANY ADJACENT PAVEMENT AREA.
6. 3:1 MAXIMUM SIDE SLOPE (H:V).
7. MAXIMUM BOTTOM SLOPE OF RAIN GARDEN IS 0.5%.
8. MINIMUM OVERALL BOTTOM WIDTH IS 2'.
9. PIPE INLET SHALL BE ANGLE CUT (SEE DETAIL CK-D.30).
10. MINIMUM SETBACK OF 5' FROM BUILDING STRUCTURES. DO NOT LOCATE IMMEDIATELY UPSLOPE OF BUILDING STRUCTURES.
11. INSTALL ROCK AT INLET TO DISSIPATE RUNOFF.



PLAN VIEW

NTS

CITY OF KIRKLAND	
PLAN NO. CK-L.01	
	RAIN GARDEN WITH PIPED I/O