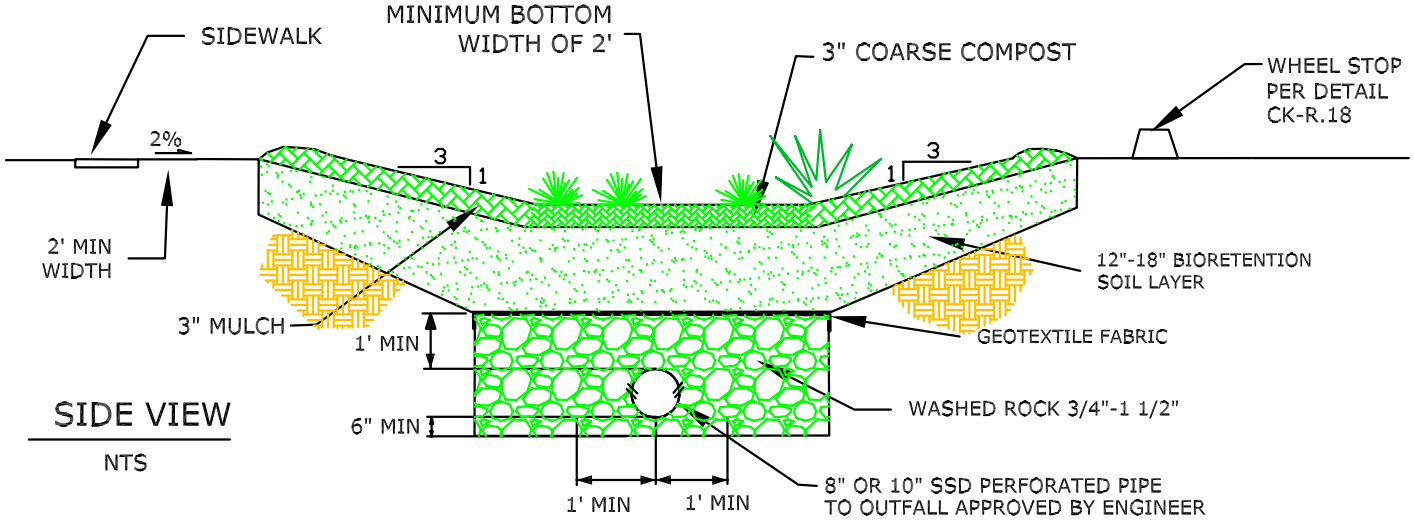
RAIN GARDEN WITH PIPED INLET AND OUTLET WITH UNDER DRAIN

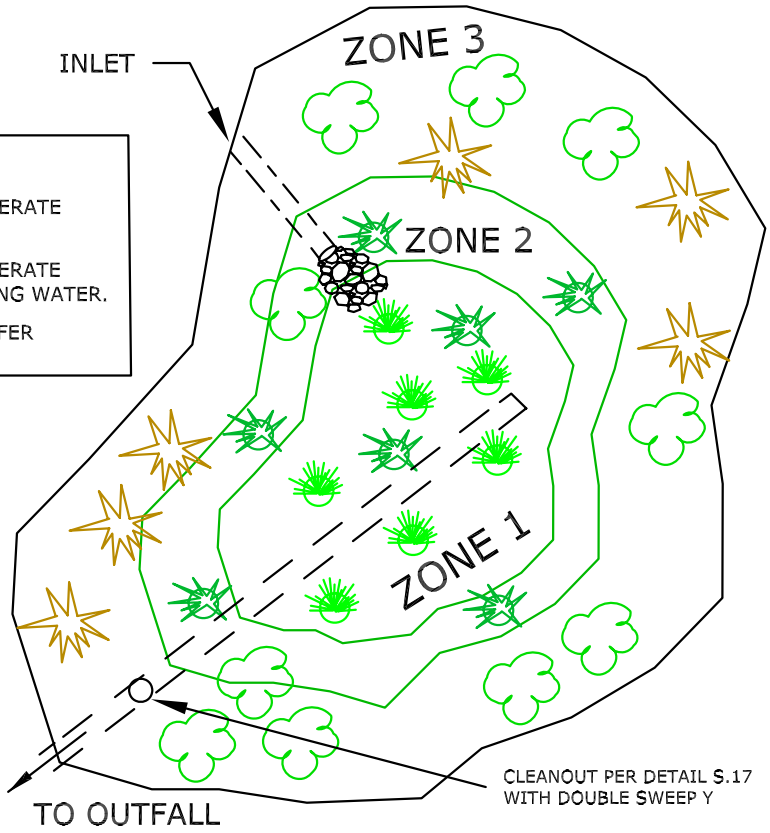
LAST REVISED: 03/10/10



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.



PLAN VIEW

NTS

PLANTING ZONES

ZONE 1: FOR PLANTS THAT TOLERATE WETTER CONDITIONS.

ZONE 2: FOR PLANTS THAT TOLERATE OCCAISIONAL 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.

CITY OF KIRKLAND

PLAN NO. CK–L.01A

CITY OF KIRKLAND WASHINGTON

RAIN GARDEN WITH PIPED I/O & UNDER DRAIN