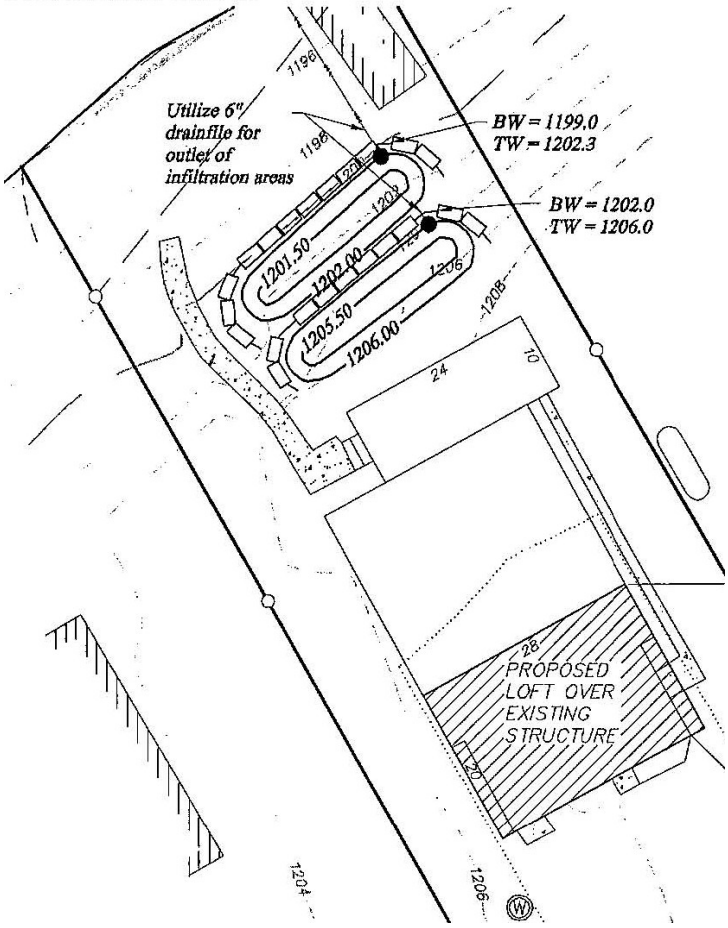
Stormwater Examples Handout

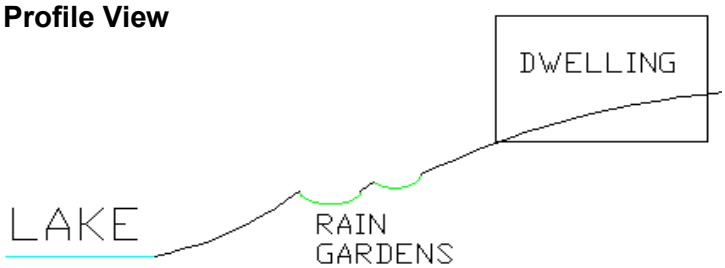
Project Details:

BMP: Rain Garden

Impervious surface = 1488 sq. ft
Required stormwater storage volume = 124 cu. ft
Required storage area = 248 sq. ft (for a 6" depth)
Actual storage area = 448 sq. ft (to top of side slope)
BW = Bottom of wall, TW = top of wall



Profile View



Project Details:

BMP: Infiltration Basin

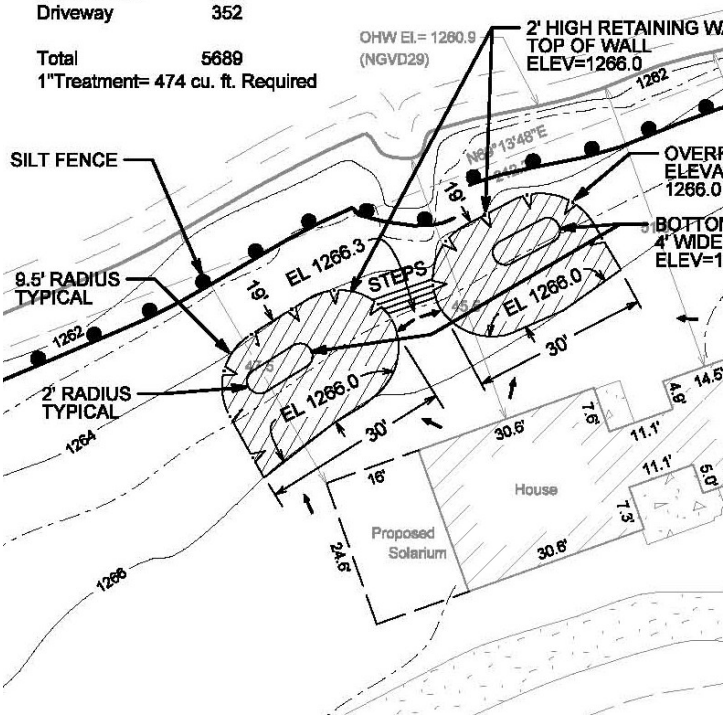
Impervious surface = 5689 sq. ft
Required stormwater storage volume = 474 cu ft
Required storage area = 569 (for a 10" depth)
Actual storage area = 1000+ sq. ft (to top of side slope)

Existing Impervious	
Buildings	1376
Driveways	2667
Walkways	180

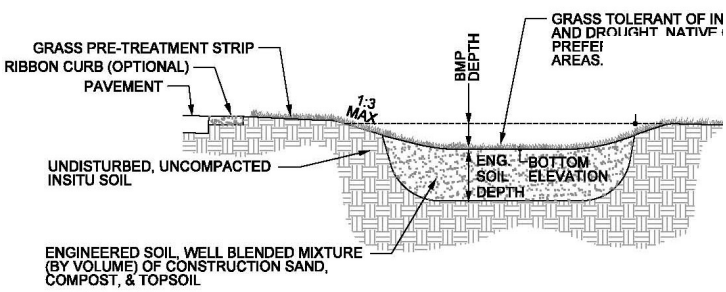
New Impervious	
Garage	720
House Addn	394
Driveway	352
Total	5689

1"Treatment= 474 cu. ft. Required

INFILTRATION BMP
VOLUME = 478 CU FT
10" DEEP BMP
SIDESLOPE = 3:1 MAX



Profile View



Questions?? Contact Crosslake Planning & Zoning at 218-692-2689 or crosslakepz@crosslake.net

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