



TYPICAL SECTION

NOTES:

1. D AND W SIZED TO ACCOMMODATE DESIGN FLOW, PER CHAPTER 6.3 OF THE KING COUNTY SURFACE WATER DESIGN MANUAL.
2. ROUND ALL CORNERS FOR EASE OF MOWING.
3. MAXIMUM DESIGN VELOCITY SHALL BE 1 FPS FOR WATER QUALITY TREATMENT, AND 3 FPS FOR 100-YR CONVEYANCE.
4. MINIMUM SWALE LENGTH IS 100 FEET.
5. MINIMUM BOTTOM WIDTH IS 2 FEET (b).
6. SLOPE SHALL BE BETWEEN 1 AND 6%.
7. ADD SPREADER WEIR AT SWALE INLET FOR EVEN FLOW DISTRIBUTIONS.
8. LOCATE ALL SEDIMENT TRAPS FOR EASE OF MAINTENANCE.

CITY OF KIRKLAND

PLAN NO. CK-D.25



GRASS-LINED  
SWALE