APPENDIX H
Filtration Trench

NOTICE
IF SWALE IS INSTALLED IN CLAYEY TYPE SOIL, CARE MUST BE TAKEN TO ENSURE THAT AT LEAST 4 INCHES OF SAND COVERS THE FABRIC SURROUNDING AND SIDES OF THE SWALE AND THAT EROSION CONTROL BLANKETS OR SOIL ARE INSTALLED TO MINIMIZE EROSION.

SECTION A-A
36" DIAMETER PRECAST OR POURED IN PLACE FOOTING 6" THICK GRADE "A" CONCRETE

SECTION B-B
FLAT BOTTOM SWALE - GRADE 0.5 - 1.0 %

CITY OF GRAND RAPIDS ENVIRONMENTAL PROTECTION FILTRATION TRENCH

BMP
E.P.D. ENGINEER
L.A.S.
APPROVED
DWN 6-6-01
Sump Pump Connection Diagram

Footing Drain Disconnect

- Clay
- Rocks
- Footing Drain
- Submersible Sump Pump with Backup
- Sump
- Basement Window
- Sanitary Sewer Building Lead
- Sanitary Sewer
- Storm Sewer
- Sanitary Manhole
- Street