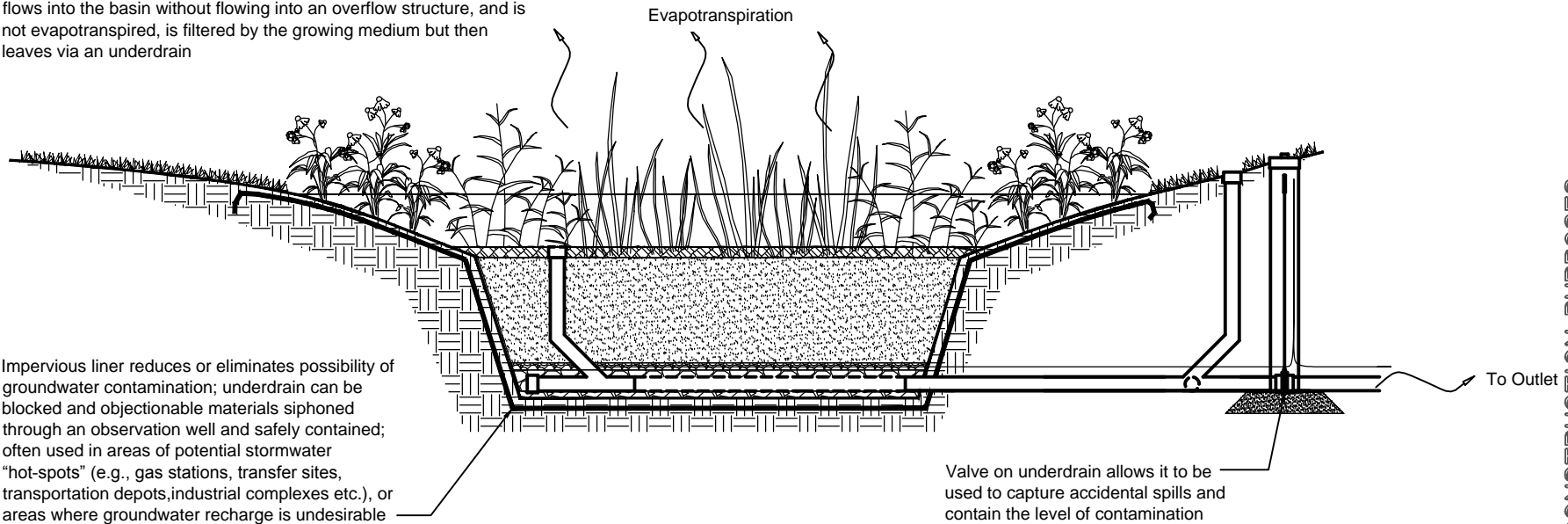


Biofiltration with Liner

None of the runoff that flows into the basin is abstracted from the stormsewer system through infiltration but some is abstracted through evapotranspiration; i.e. all of the runoff that flows into the basin without flowing into an overflow structure, and is not evapotranspired, is filtered by the growing medium but then leaves via an underdrain



Impervious liner reduces or eliminates possibility of groundwater contamination; underdrain can be blocked and objectionable materials siphoned through an observation well and safely contained; often used in areas of potential stormwater "hot-spots" (e.g., gas stations, transfer sites, transportation depots, industrial complexes etc.), or areas where groundwater recharge is undesirable



Figure 2-5: Bioretention with Liner

Not To Scale

NOT FOR CONSTRUCTION PURPOSES

Sheet No.

of

Sheets

NO.	REVISION DESCRIPTION	DATE

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: _____
 License No.: _____

Designed By: _____
 Date: _____

Drawn By: _____
 Date: _____