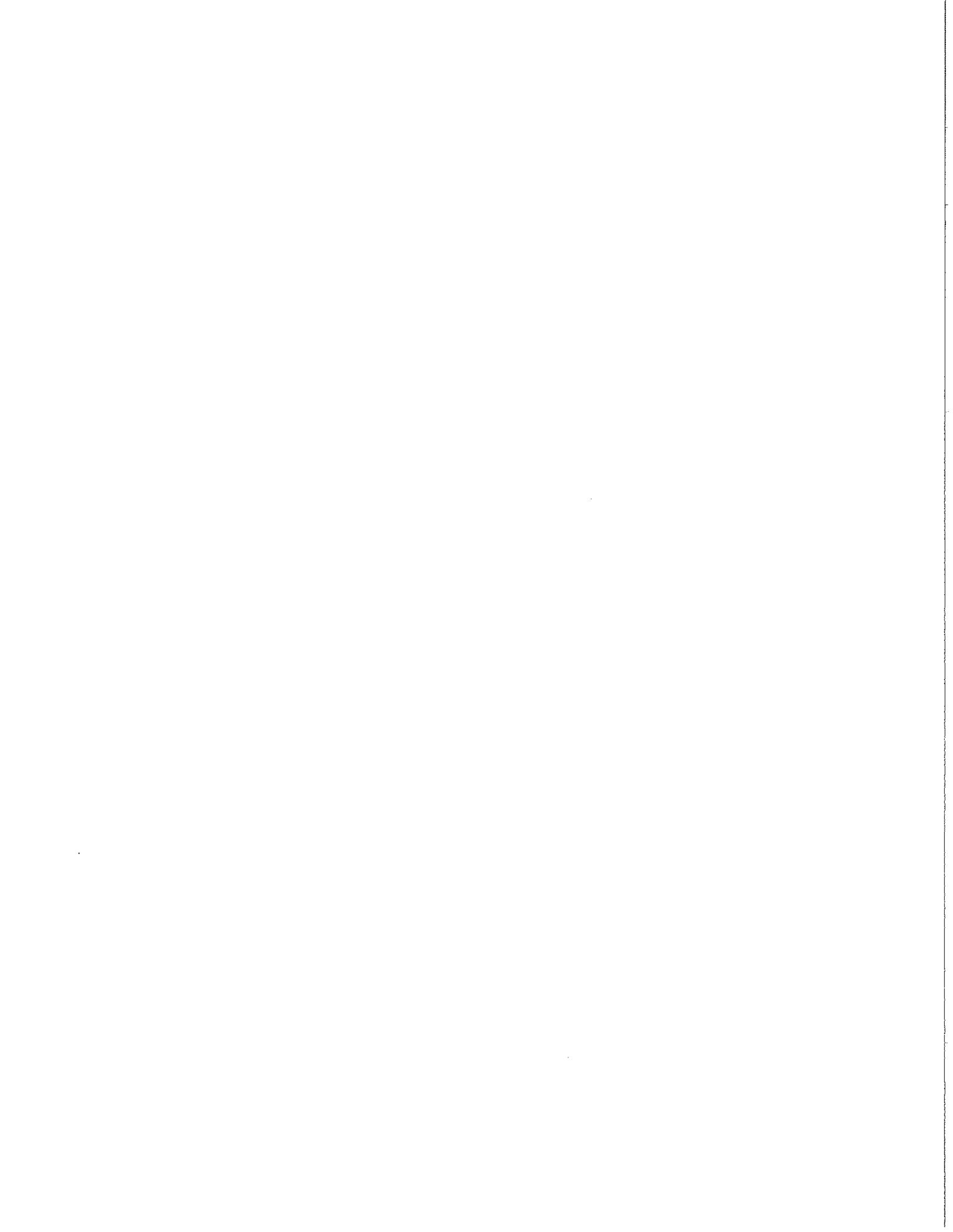
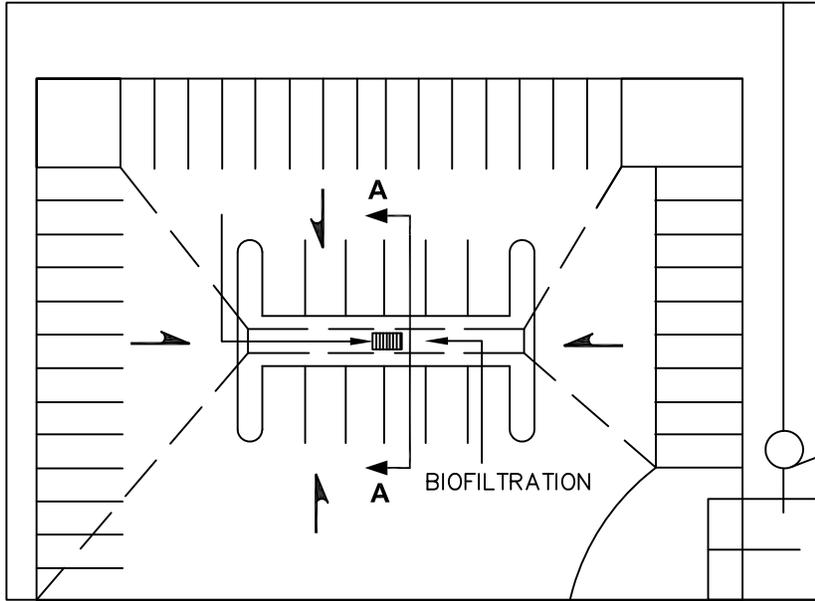


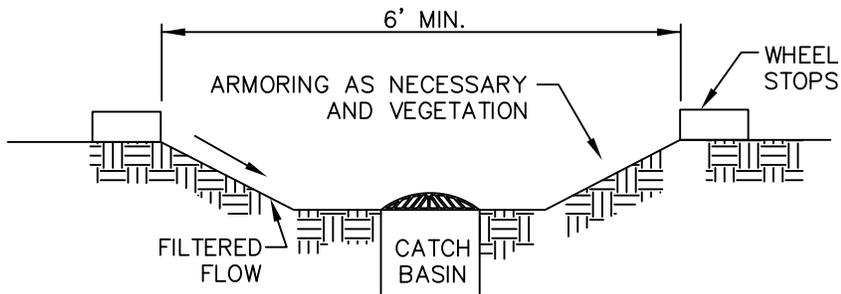
SECTION B
QUALITY DESIGN DETAILS

<u>DETAIL</u>	<u>HEADING</u>
1.0	Parking Lot Conveyance System
2.0	Water Quality Biofiltration Swale
3.0	Typical Wet Pond
4.0	Typical Wet Pond - Type Detention BMP - Schematic
5.0	Wet Pond (Nutrient Control)
6.0	Presettling Basin - Schematic
7.0	Basin Configurations with Baffles
8.0	Isolation/Diversion Structure - Schematic
9.0	Isolation/Diversion Structure - Schematic
10.0	Perforated Riser Pipe Outlet Structure w/Trash Rack - Schematic
11.0	Gravel Cone W/Riser Detail
12.0	Sand Filtration System - Configuration
13.0	Sand Filtration System - Schematic
14.0	Water Quality Infiltration Trench System - Schematic
15.0	Oil/Water Separation w/Orifice Control and w/Notch Control





PLAN

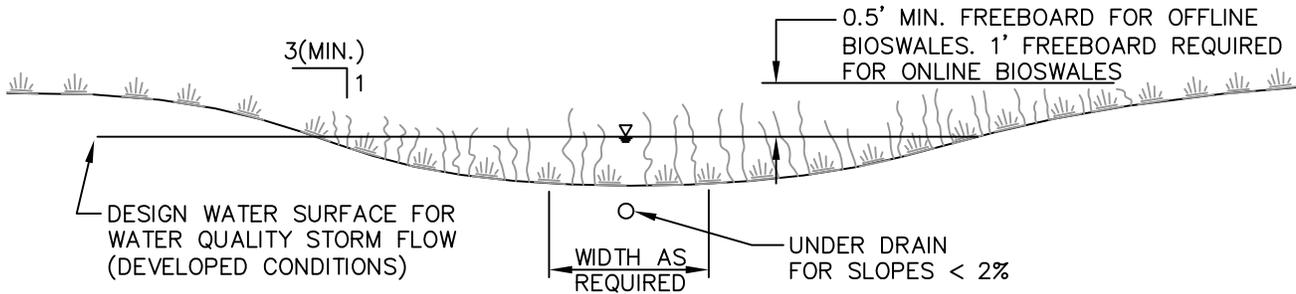
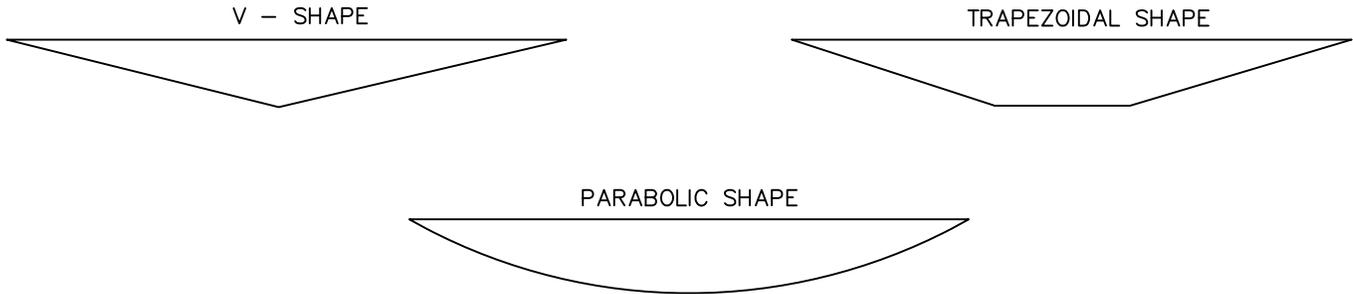


NOTE: USE BEEHIVE
OR A FRAME GRATE
ON CATCH BASIN.

SECTION A-A

	ENGINEERING DIVISION	SECTION B DETAIL - N.T.S. 1.0
	PARKING LOT CONVEYANCE SYSTEM	
APPROVED BY CITY ENGINEER <i>hshomuel</i>	DATE	1/1/2014

TYPICAL CHANNEL SECTION



NOTE:
REFER TO
TABLE 8.1.



ENGINEERING DIVISION

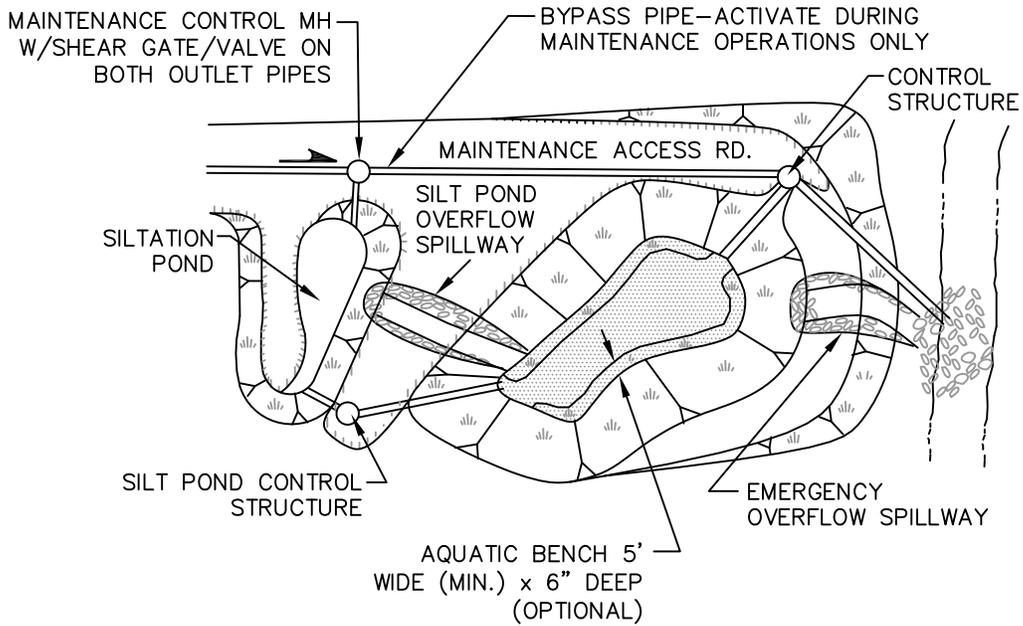
WATER QUALITY
BIOFILTRATION SWALE

SECTION B
DETAIL N.T.S.
2.0

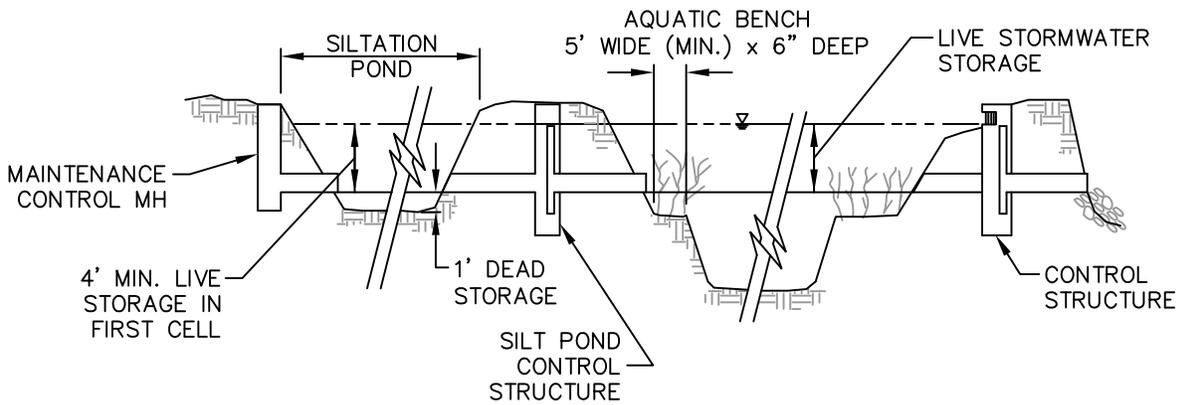
APPROVED BY
CITY ENGINEER

Handwritten signature

DATE 1/1/2014



PLAN



SECTION



ENGINEERING DIVISION

WET POND
(TYPICAL)

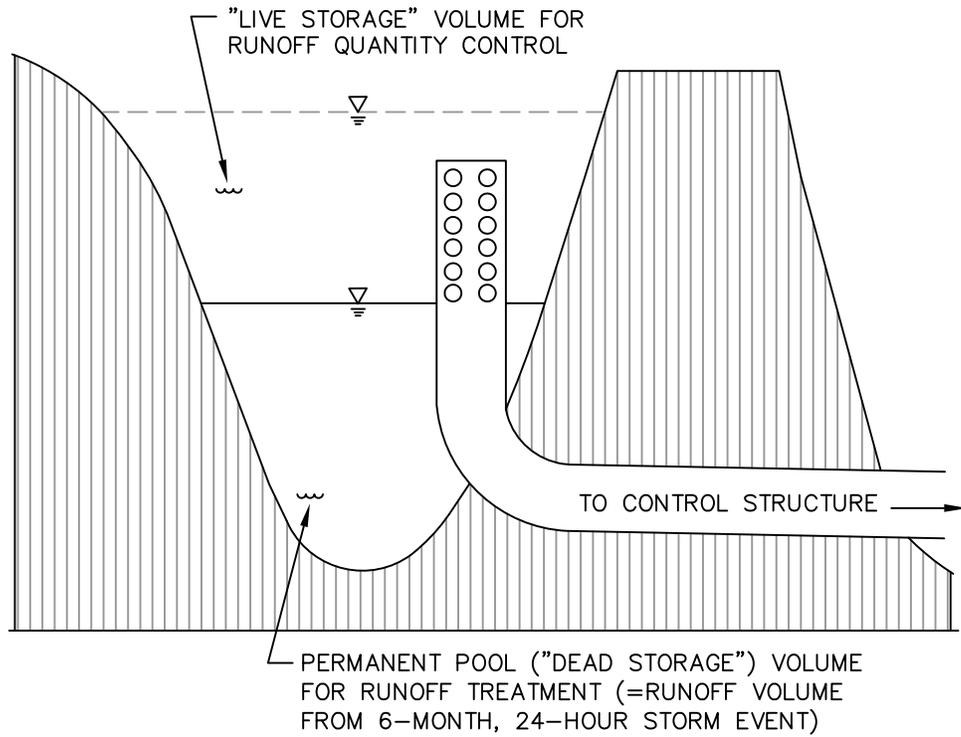
SECTION B
DETAIL N.T.S.

3.0

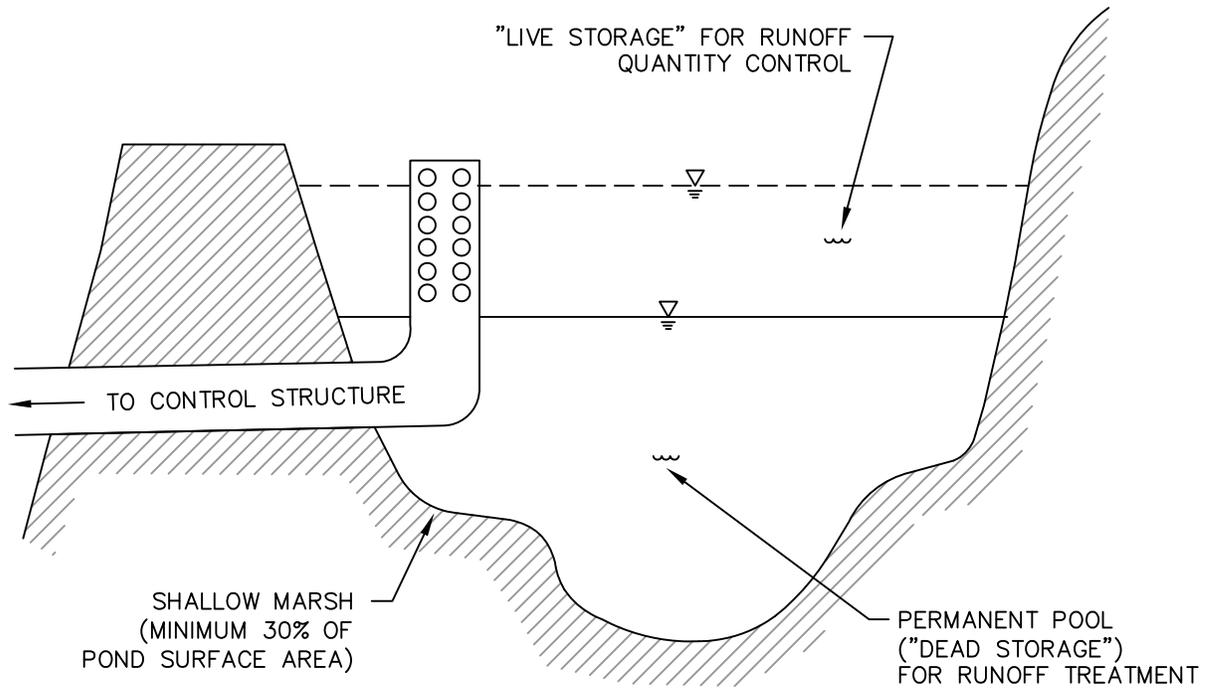
APPROVED BY
CITY ENGINEER

DATE

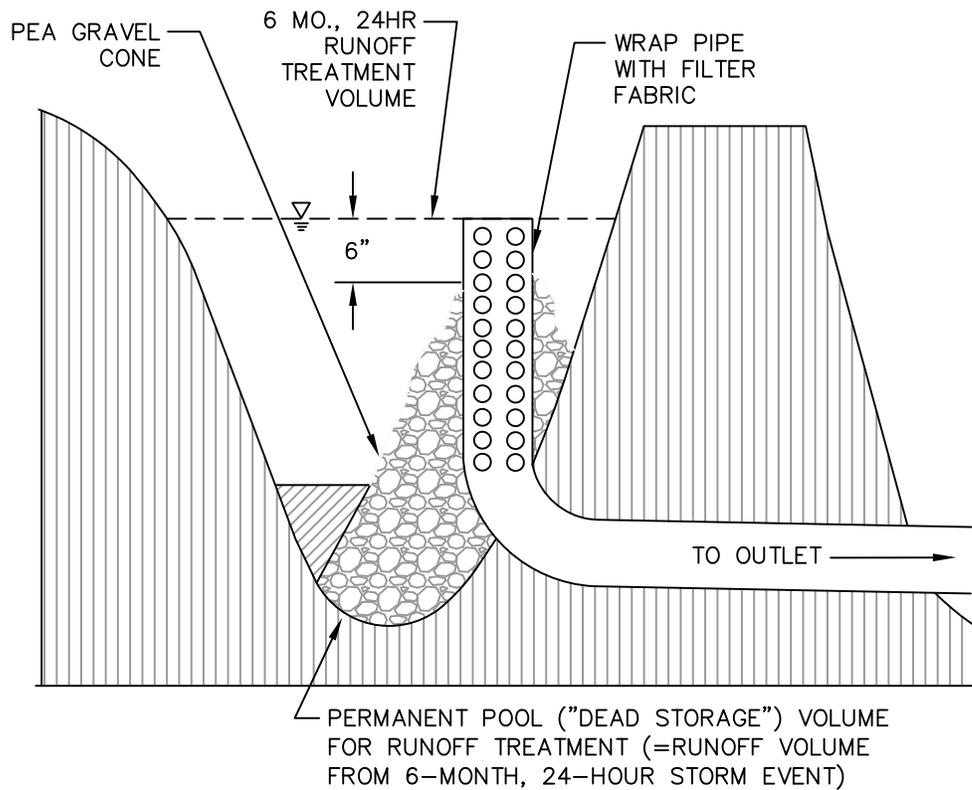
1/1/2014



	<p>ENGINEERING DIVISION</p>	
<p>WET POND TYPICAL TYPE DETENTION BMP</p>		<p>SECTION B DETAIL - N.T.S. 4.0</p>
<p>APPROVED BY CITY ENGINEER <i>hshomuel</i></p>		<p>DATE 1/1/2014</p>



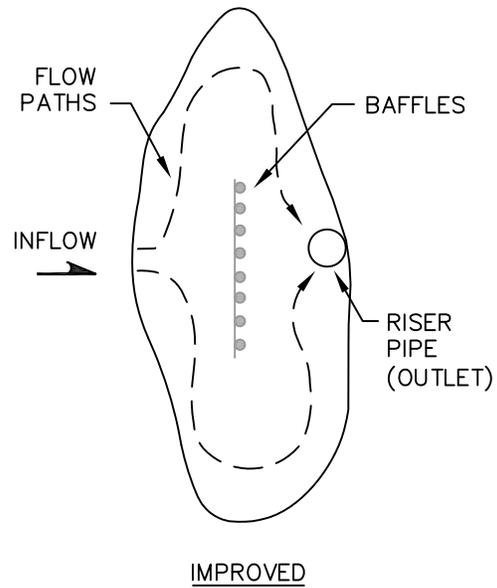
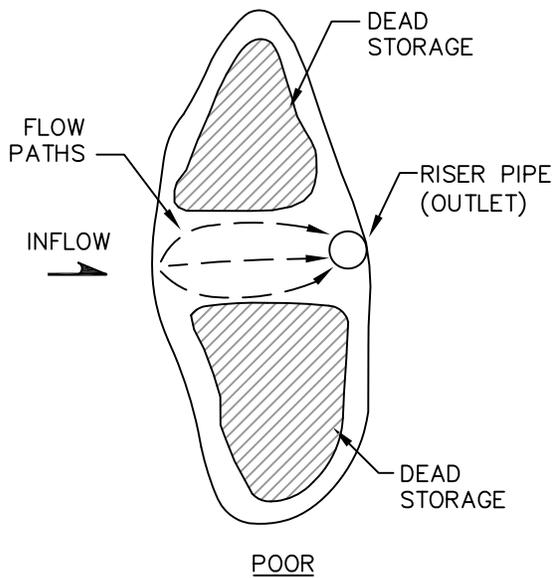
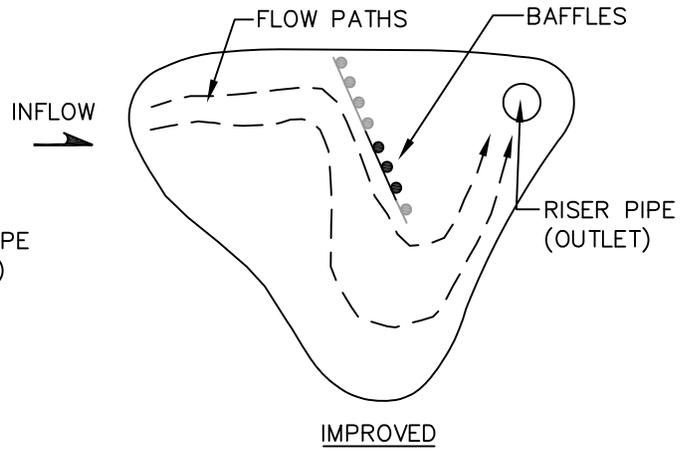
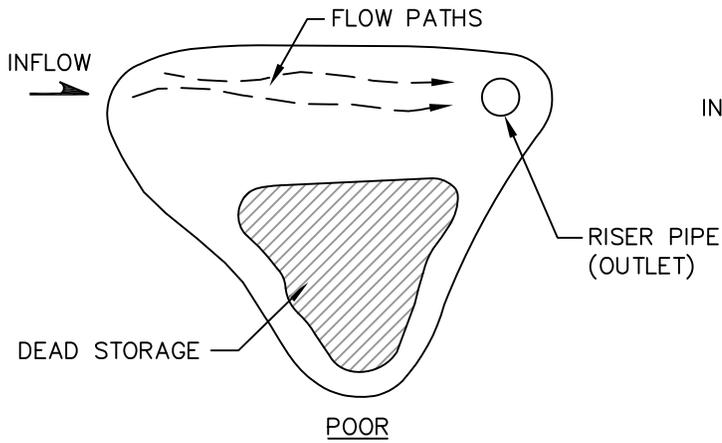
 <p>GIG HARBOR THE MARINE CITY</p>	ENGINEERING DIVISION	
WET POND (NUTRIENT CONTROL)		SECTION B DETAIL - N.T.S. 5.0
APPROVED BY CITY ENGINEER _____ DATE _____		



NOTE:

NO RUNOFF QUANTITY CONTROL IS PROVIDED BY THIS BMP.

	ENGINEERING DIVISION
	<p>PRESETTLING BASIN</p>
	<p>SECTION B DETAIL N.T.S.</p> <p>6.0</p>
<p>APPROVED BY CITY ENGINEER <i>David Marshall</i></p>	<p>DATE 1/1/2014</p>



ENGINEERING DIVISION

BASIN CONFIGURATIONS WITH BAFFLES

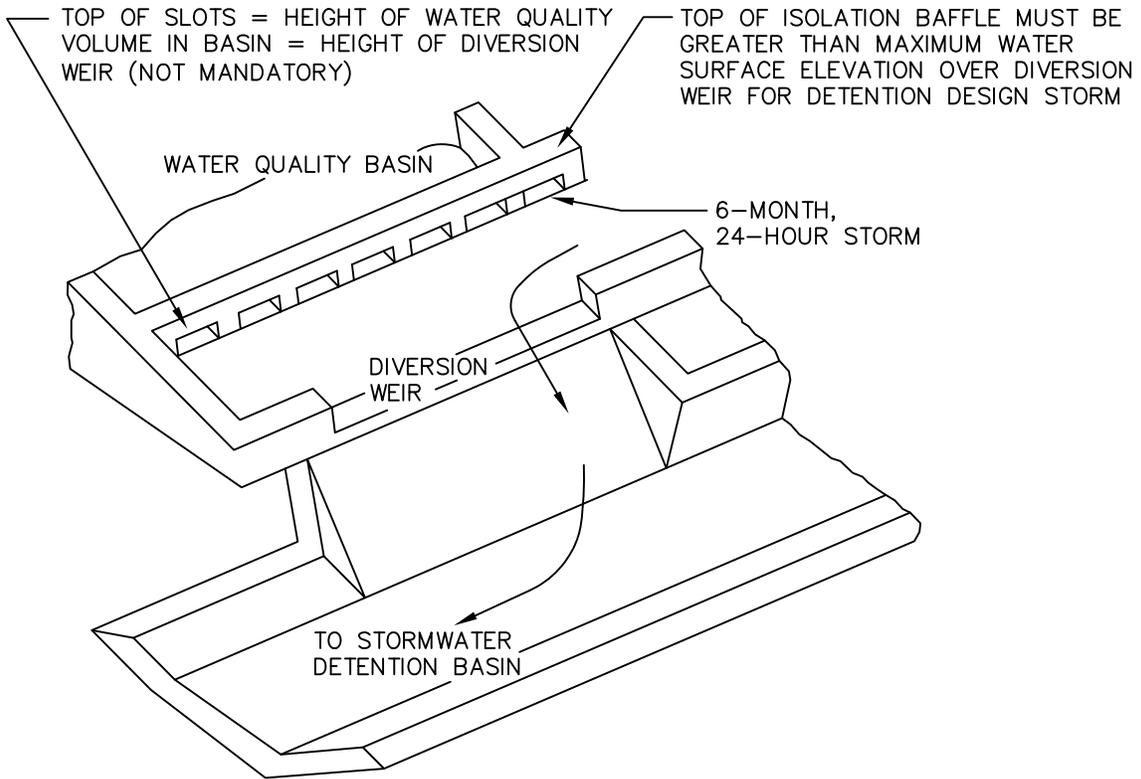
SECTION B
DETAIL - N.T.S.

7.0

APPROVED BY
CITY ENGINEER

Richard Manuel

DATE 1/1/2014



ENGINEERING DIVISION

**ISOLATION / DIVERSION
STRUCTURE**

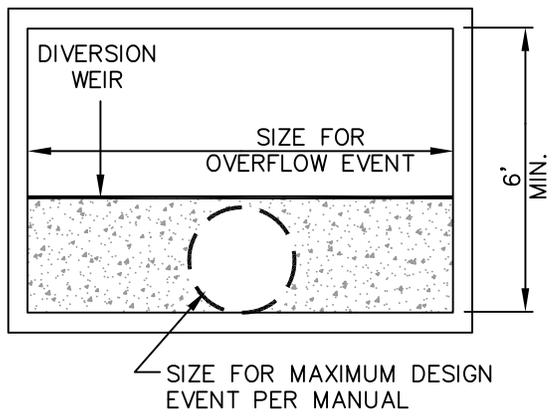
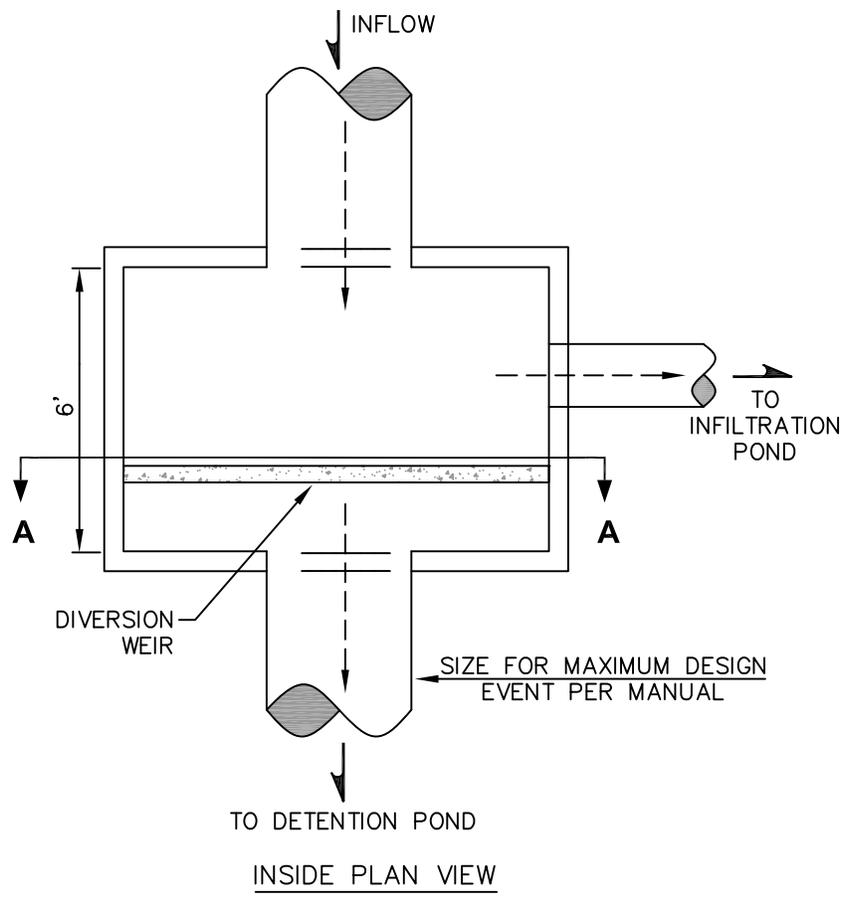
SECTION B
DETAIL - N.T.S.

8.0

APPROVED BY
CITY ENGINEER

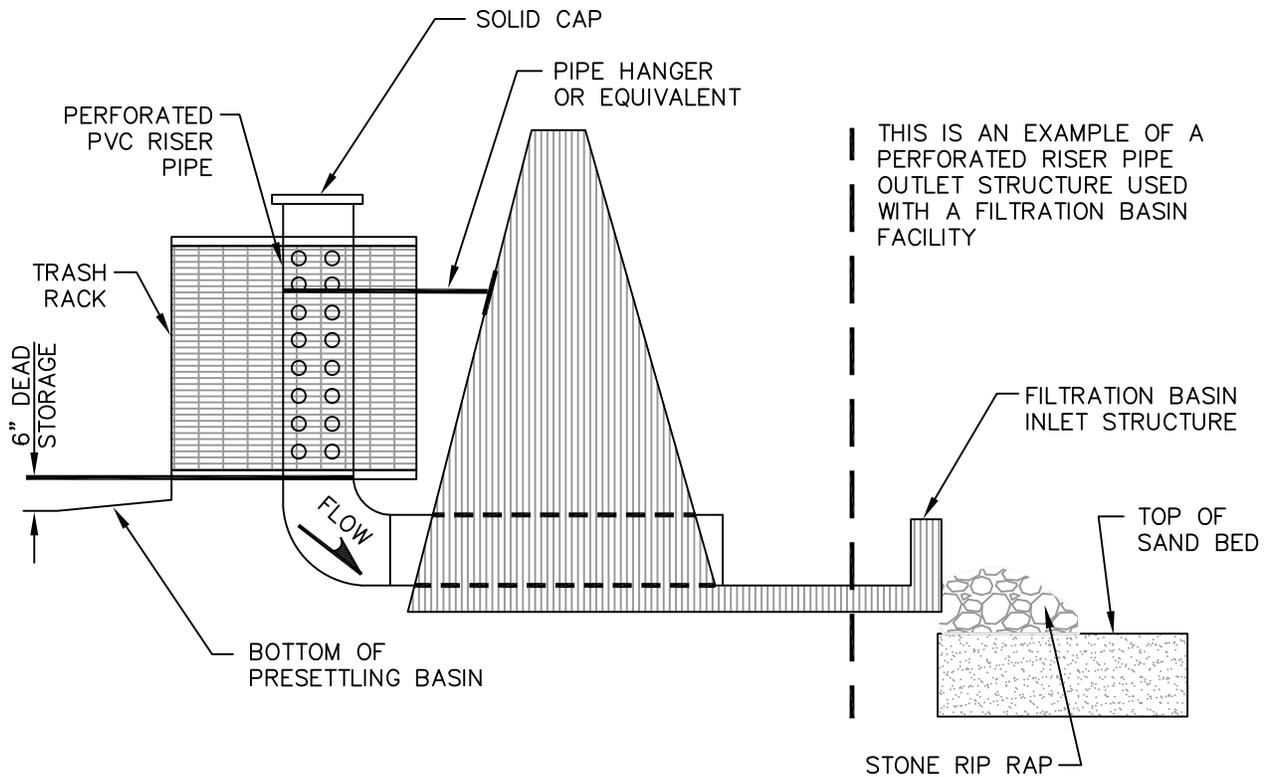
Richard Marshall

DATE 1/1/2014



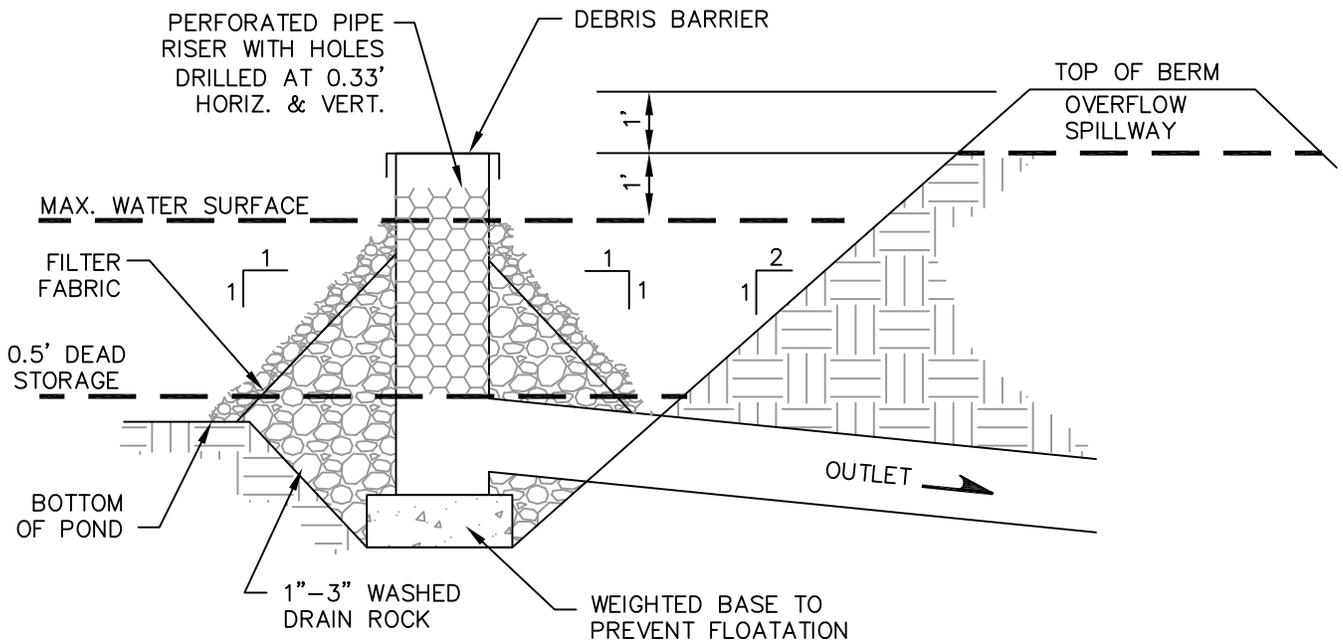
SECTION A-A

	ENGINEERING DIVISION	
	ISOLATION / DIVERSION STRUCTURE	SECTION B DETAIL - N.T.S. 9.0
APPROVED BY CITY ENGINEER <i>handwritten signature</i>	DATE	1/1/2014

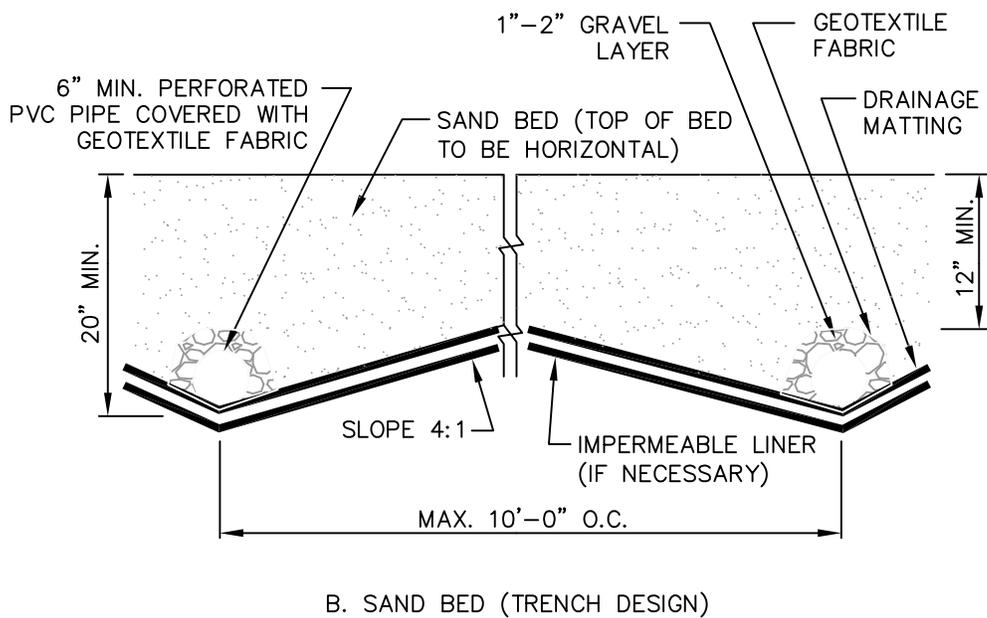
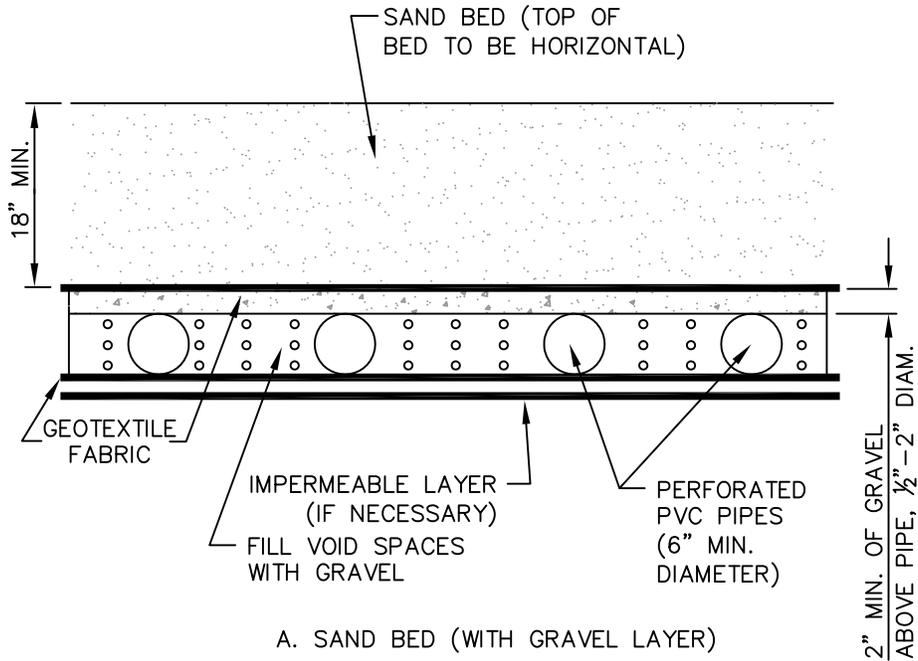


THIS IS AN EXAMPLE OF A PERFORATED RISER PIPE OUTLET STRUCTURE USED WITH A FILTRATION BASIN FACILITY

	ENGINEERING DIVISION	SECTION B DETAIL - N.T.S.
	PERFORATED RISER PIPE OUTLET STRUCTURE WITH TRASH RACK	10.0
APPROVED BY CITY ENGINEER <i>[Signature]</i>	DATE	1/1/2014

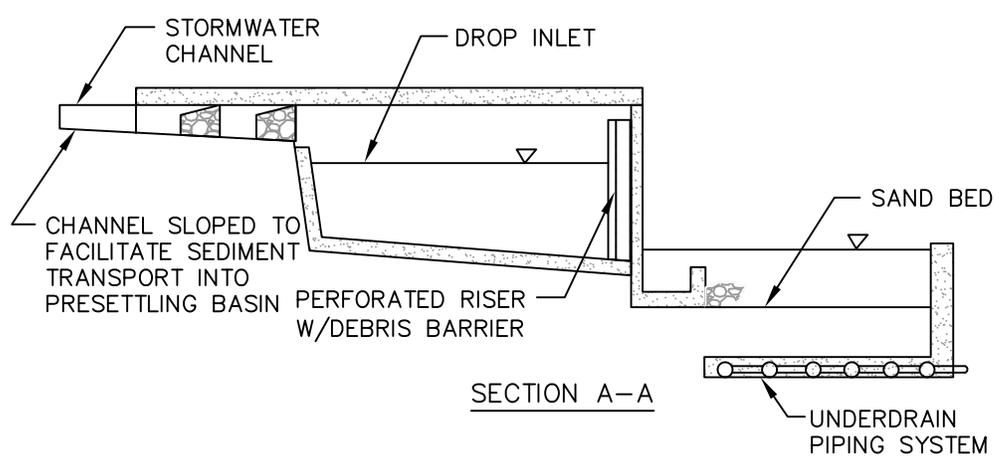
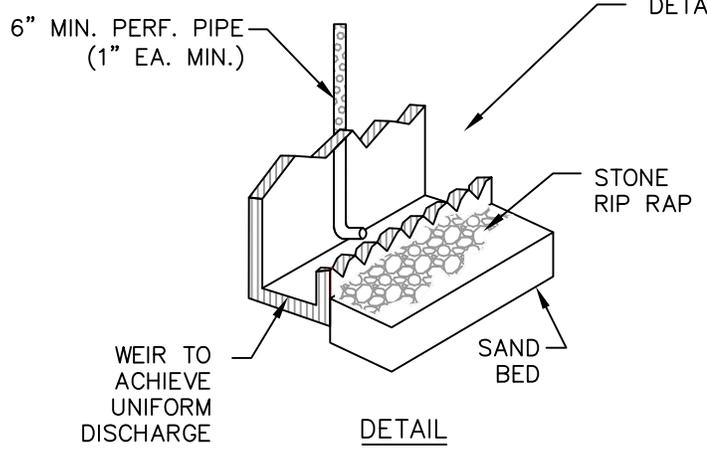
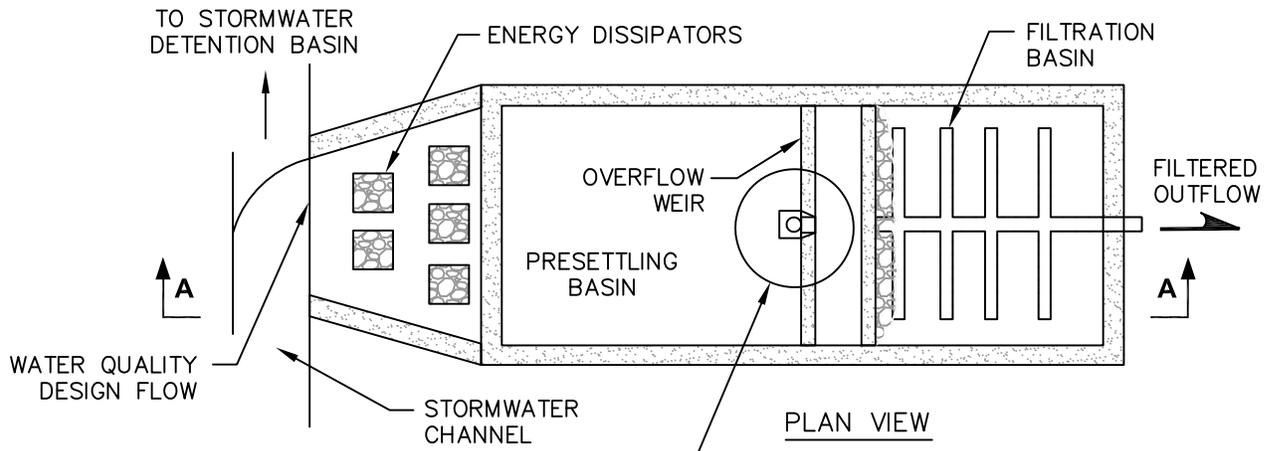


 GIG HARBOR <small>ENGINEERING</small>	ENGINEERING DIVISION	SECTION B DETAIL - N.T.S.
	<h2>GRAVEL CONE WITH RISER</h2>	<h1>11.0</h1>
APPROVED BY CITY ENGINEER <i>h. J. [Signature]</i>	DATE 1/1/2014	

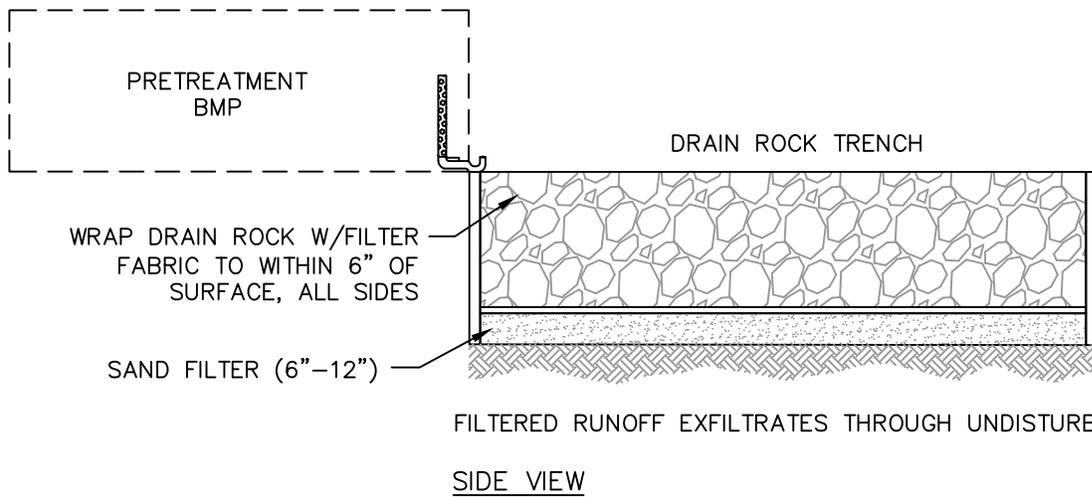
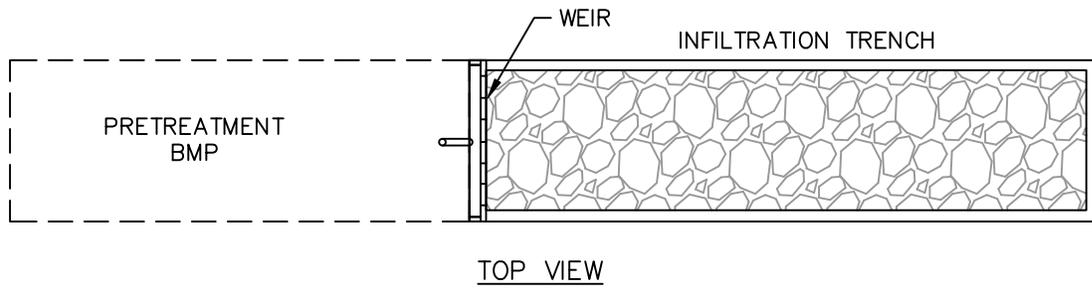


NOTE: PERFORATIONS TO BE 3/8". MAXIMUM SPACING BETWEEN ROWS OF PERFORATIONS WILL NOT EXCEED 6 INCHES.

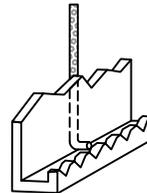
	ENGINEERING DIVISION	SECTION B DETAIL N.T.S. 12.0
	SAND FILTRATION SYSTEM	
APPROVED BY CITY ENGINEER <i>[Signature]</i>	DATE	1/1/2014



	ENGINEERING DIVISION	
	SAND FILTRATION SYSTEM	
	SECTION B DETAIL N.T.S.	13.0
APPROVED BY CITY ENGINEER <i>h.d. [signature]</i>	DATE 1/1/2014	

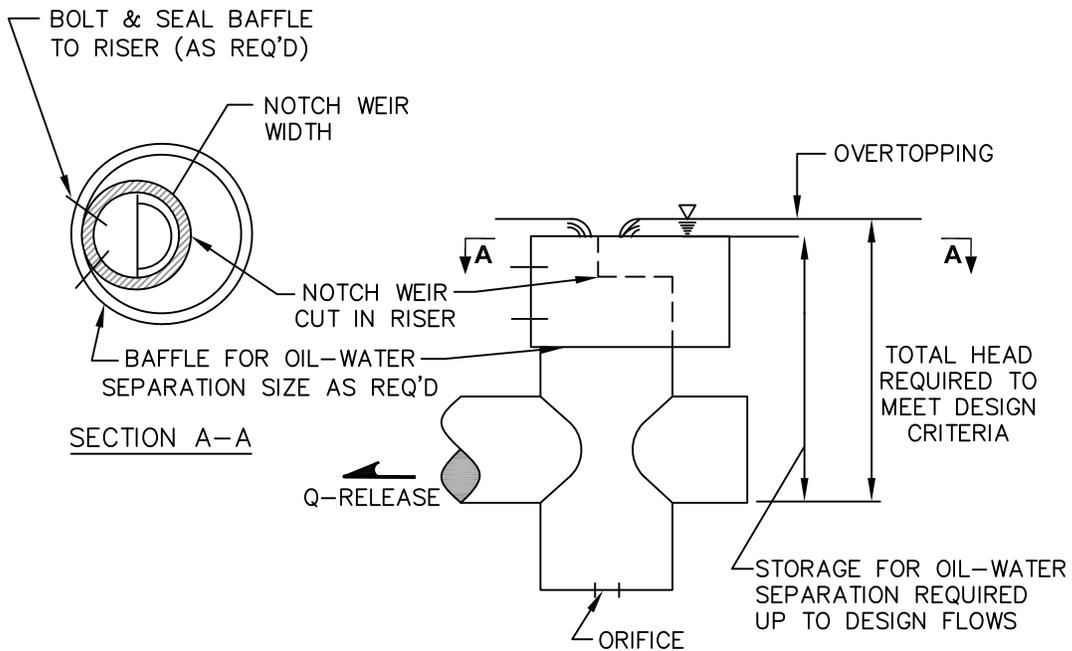
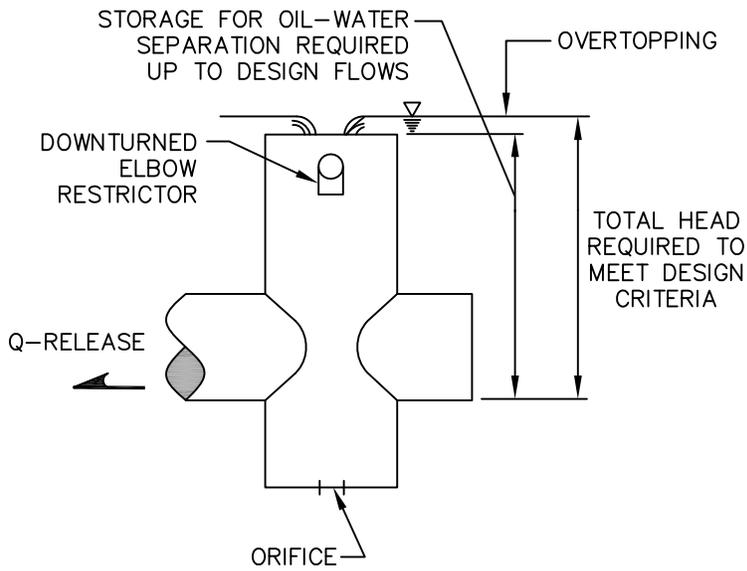


WEIR OVERFLOW SPREADS
RUNOFF OVER TRENCH



NOTE: INFILTRATION
TRENCH TO BE PRECEDED
BY A PRETREATMENT BMP

	ENGINEERING DIVISION	SECTION B DETAIL - N.T.S. 14.0
	WATER QUALITY INFILTRATION TRENCH SYSTEM	
APPROVED BY CITY ENGINEER <i>h. J. [Signature]</i>	DATE	1/1/2014



 GIG HARBOR <small>ENGINEERING DIVISION</small>	ENGINEERING DIVISION
	OIL/WATER SEPARATION WITH ORIFICE CONTROL AND NOTCH CONTROL
APPROVED BY CITY ENGINEER <i>hshomuel</i>	SECTION B DETAIL N.T.S. 15.0 DATE 1/1/2014