

Periodic Maintenance Procedures – Stormwater Treatment Device

The procedures as listed below are set out as a guide only and do not take precedence over the manufactures' maintenance warranty procedures and Authority requirements

ENVIROPOD PIT INSERTS

Item	Period	Responsibility	Maintenance Procedure
Inspection	Monthly and after Major Storms	Owner	Follow procedure set out in the EnviroPod Operations Manual
Major Maintenance	3 months or as required	Maintenance Contractor	Follow procedure set out in the EnviroPod Operations Manual
Emergency Maintenance	As required	Maintenance Contractor	Follow procedure set out in the EnviroPod Operations Manual

STORMFILTER

Item	Period	Responsibility	Maintenance Procedure
Inspection – Minor Maintenance	6 monthly and after major storms	Maintenance Contractor	Follow procedure set out in StormFilter Operations Manual
Inspection – Major Maintenance	12 monthly and after major storms	Maintenance Contractor	Follow procedure set out in StormFilter Operations Manual
Major Maintenance Sediment Removal	12 months or as required	Maintenance Contractor	Follow procedure set out in StormFilter Operations Manual
Major Maintenance Cartridge Replacement	12 months or as required	Maintenance Contractor	Follow procedure set out in StormFilter Operations Manual

Harout Tcherkezian



STORMWATER360

NSW Office

PO Box 792, Botany, NSW 1455

Tel: 1300 354 722

Fax: 1300 971 566

QLD Office

PO Box 4471 Forest Lake QLD 4078

Tel: 1300 354 722

Fax: 1300 971 566

Email: enquiries@stormwater360.com.au

IES Stormwater P/L trading as Stormwater 360

ABN: 79 101 258 182

www.stormwater360.com.au

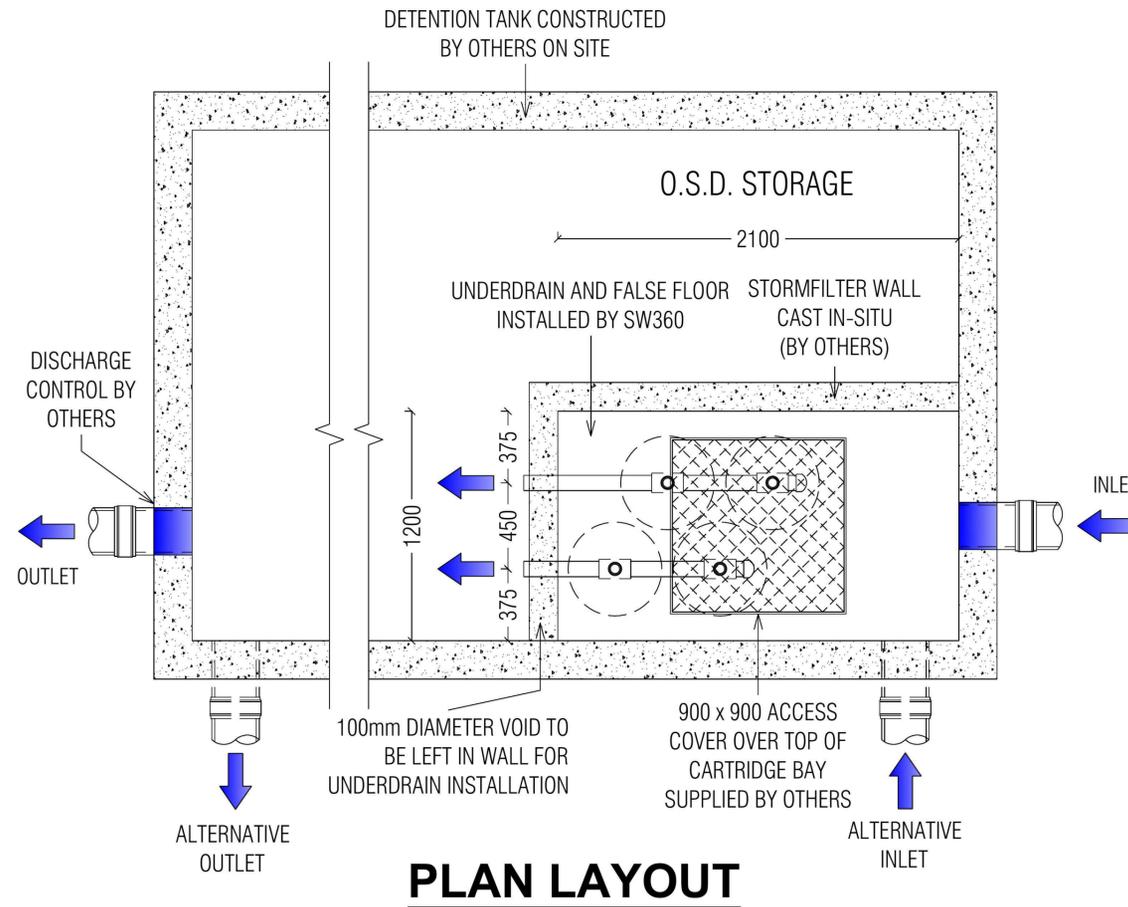
STORMFILTER DESIGN TABLE

- THE STORMFILTER TREATMENT CAPACITY VARIES BY NUMBER OF FILTER CARTRIDGES INSTALLED AND BY REGION SPECIFIC INTERNAL FLOW CONTROLS.
- THE STANDARD CONFIGURATION IS SHOWN. ACTUAL CONFIGURATION OF THE SPECIFIED STRUCTURE(S) PER CIVIL ENGINEER WILL BE SHOWN ON SUBMITTAL DRAWING(S).
- ALL PARTS PROVIDED AND INTERNAL ASSEMBLY BY STORMWATER360 UNLESS OTHERWISE NOTED.

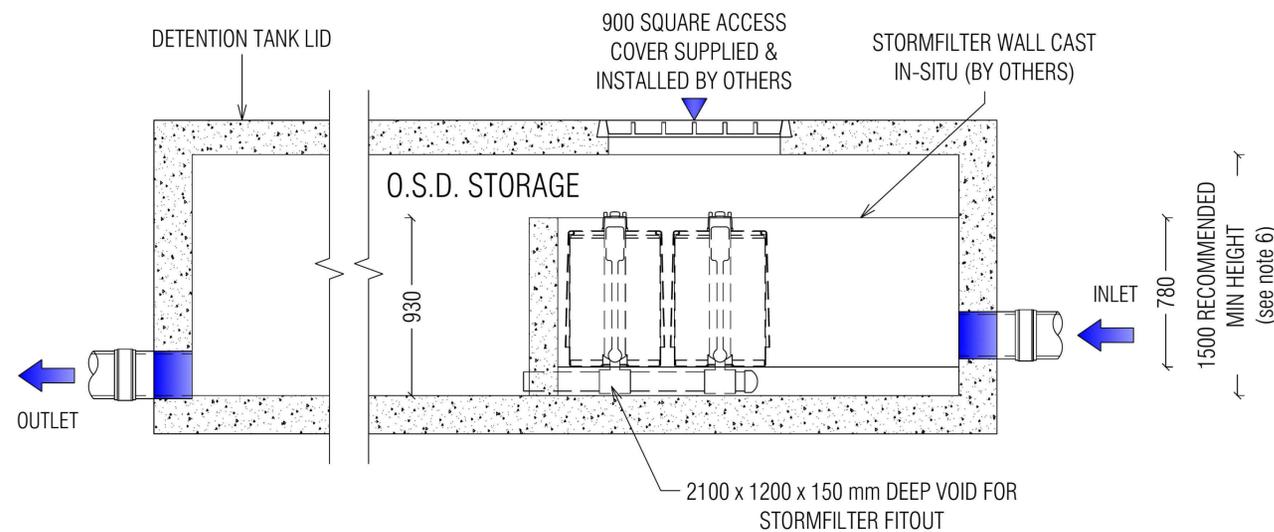
CARTRIDGE TYPE	690	460	310
SYSTEM HYDRAULIC DROP (H - REQ'D. MIN.)	930	700	550

GENERAL NOTES

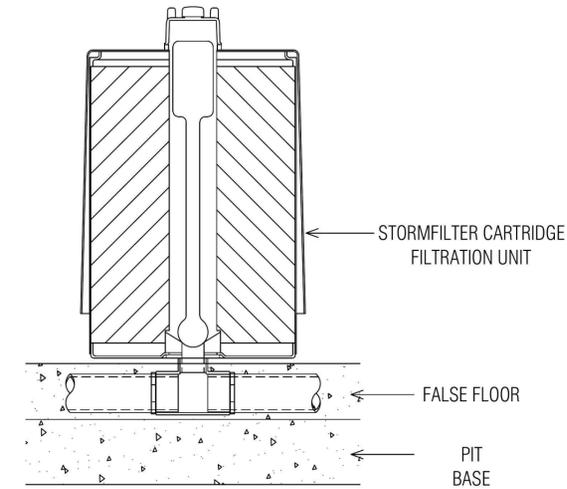
1. THIS IS A GENERAL ARRANGEMENT DRAWING. IT IS NOT A FOR CONSTRUCTION DRAWING
2. INLET AND OUTLET PIPING SHALL BE SPECIFIED BY SITE CIVIL ENGINEER (SEE PLANS) AND PROVIDED BY CONTRACTOR. STORMFILTER IS PROVIDED WITH OPENINGS AT INLET AND OUTLET LOCATIONS.
3. IF THE PEAK FLOW RATE, AS DETERMINED BY THE SITE CIVIL ENGINEER, EXCEEDS THE PEAK HYDRAULIC CAPACITY OF THE PRODUCT, AN UPSTREAM BYPASS STRUCTURE IS REQUIRED. PLEASE CONTACT STORMWATER360 FOR OPTIONS.
4. THE FILTER CARTRIDGE(S) ARE SIPHON-ACTUATED AND SELF-CLEANING. THE STANDARD DETAIL DRAWING SHOWS THE MAXIMUM NUMBER OF CARTRIDGES. THE ACTUAL NUMBER SHALL BE SPECIFIED BY THE SITE CIVIL ENGINEER ON SITE PLANS OR IN DATA TABLE BELOW. CONCRETE STRUCTURE TO BE PROVIDED BY OTHERS.
5. SEE STORMFILTER DESIGN TABLE FOR REQUIRED HYDRAULIC DROP. FOR SHALLOW, LOW DROP OR SPECIAL DESIGN CONSTRAINTS, CONTACT STORMWATER360 FOR DESIGN OPTIONS.
6. ALL WATER QUALITY PRODUCTS REQUIRE PERIODIC MAINTENANCE AS OUTLINED IN THE O&M GUIDELINES. PROVIDE THE MINIMUM RECOMMENDED INTERNAL CLEARANCE FOR MAINTENANCE ACCESS, AS NOTED ON DRAWING. WHERE THIS INTERNAL CLEARANCE CANNOT BE ACHIEVED, PLEASE SPEAK TO SW360.
7. STRUCTURE AND ACCESS COVERS DESIGNED BY OTHERS. ACCESS COVERS TO BE A MINIMUM 900X900 ABOVE CARTRIDGES. O.H&S REGARDING ACCESS COVERS AND TANK ACCESS TO BE ASSESSED BY OTHERS ON SITE.
8. THE STRUCTURE THICKNESSES SHOWN ARE FOR REPRESENTATIONAL PURPOSES AND VARY REGIONALLY.
9. ANY BACKFILL DEPTH, SUB-BASE, AND OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY SITE CIVIL ENGINEER.
10. CARTRIDGE HEIGHT AND ASSOCIATED DESIGN PARAMETERS PER STORMFILTER DESIGN TABLE.
11. STORMFILTER BY STORMWATER360 AUSTRALIA: PHONE: 1300 354 722 www.stormwater360.com.au



PLAN LAYOUT



SECTION



STORMFILTER CARTRIDGE DETAIL

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID	XXX		
WATER QUALITY FLOW RATE (L/S)	XXX		
PEAK FLOW RATE (L/S)	XXX		
RETURN PERIOD OF PEAK FLOW (yrs)	XXX		
# OF CARTRIDGES REQUIRED	4		
CARTRIDGE HEIGHT (310, 460 or 690mm)	690		
MEDIA TYPE (PSORB OR ZPG)	XXX		
PRECAST VAULT WEIGHT	- kg		
PRECAST LID WEIGHT	- kg		
PIPE DATA:	I.L.	MATERIAL	DIAMETER
INLET PIPE #1	XXX	MATERIAL	XXX
INLET PIPE #2	XXX	MATERIAL	XXX
OUTLET PIPE	XXX	MATERIAL	XXX
RIM RLs	<div style="display: flex; justify-content: space-between; align-items: center;"> UPSTREAM <div style="border: 1px solid black; width: 50px; height: 30px; position: relative;"> XXX </div> DOWNSTREAM </div>		
	<div style="display: flex; justify-content: center; align-items: center;"> → FLOW → </div>		
ANTI-FLOTATION BALLAST	XXX	XXX	XXX
	XXX	XXX	XXX
NOTES/SPECIAL REQUIREMENTS:			

	STORMWATER360 AUSTRALIA STORMFILTER DETENTION TANK 4 CARTRIDGE STORMFILTER SYSTEM FIRST FLUSH GENERAL ARRANGEMENT		DRAWING
			1
		A	
DATE: 03-11-16	FILE NAME: 4C-DET-TANK-STD-690	DRN:AMCN	CHK:MW