

THE COMPANY

We are a multi-disciplinary environmental consulting and water resources research company, founded and operated by ecologists, biologists and engineers.

The StormChamber and SedimenTrap™ were developed to exceed storm water quality requirements and to overcome the deficiencies of alternative technologies.

CUSTOMER SUPPORT

- >> Visit our website for a Detailed Sheet drawing and other CAD files that can be copied directly to plans, and an Excel program for calculating the number of StormChambers® needed, alternative chamber configurations, trench dimensions, and the amount of excavation, stone and filter fabric needed. Engineering specifications, example drawings, and other design tests also available on-line.
- >> Free StormChamber® system design assistance.
- >> Free on-site installation assistance.
- >> We help you switch-out other storm water systems and prepare detailed CAD drawings for your use and engineer approval, for free. StormChamber® systems are considered as an "or equal" to all its competitors.
- >> View and download our Installation Manual at www.stormchambers.com.



50% RECYCLED MATERIALS

ORANGE ≈ GREEN®



GREEN BUILDING COUNCIL



Free design assistance
and installation oversight.



CONTACT INFORMATION
(877) 426-9128
info@stormchambers.com
www.stormchambers.com
www.rainwaterreuse.com

STORMCHAMBER®

THE LOW COST, LOW IMPACT DEVELOPMENT SOLUTION
FOR RETENTION, DETENTION, CONVEYANCE AND REUSE



BENEFITS OVER OTHER TYPES OF BMPS

- >> Helps counter drought conditions by maintaining groundwater base flow to streams.
- >> Replicates pre-development hydrology.
- >> Eliminates thermal discharge loadings.
- >> The least cost underground alternative.
- >> Achieves higher pollutant removal rates through soil filtration and accelerated microbial actions (bio-remediation).*
- >> Achieves Low Impact Development (LID), LEED and Zero Discharge goals.
- >> Provides a lower cost and longer effective life alternative to perforated pipe.
- >> Lower cost alternative to pipe for conveyance, with added benefits of groundwater recharge and water quality enhancement.
- >> Eliminates the need for costly pre-treatment devices.

* In soils that do not perk well, the benefits of microbial actions still occur.

AVERAGE % REMOVAL RATES

POLLUTANT PARAMETER	INFILTRATION	Wetland	Water Quality Pond	Filtering System	Water Quality Swale
Total Phosphorus	65	51	45.5	45	14.5
Total Nitrogen	82.5	20.9	30	32	10.5
Lead	98	63	66.5	71	50
Zinc	99	53.5	50.5	69	49
Suspended Solids	88.5	78	70	81	66
Organic Carbon	82	28	35	57	23

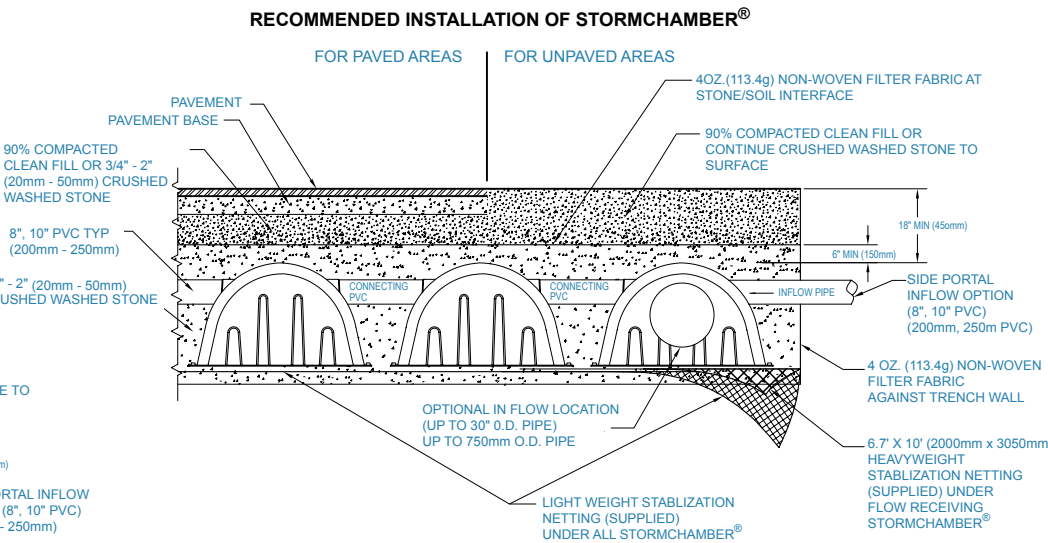
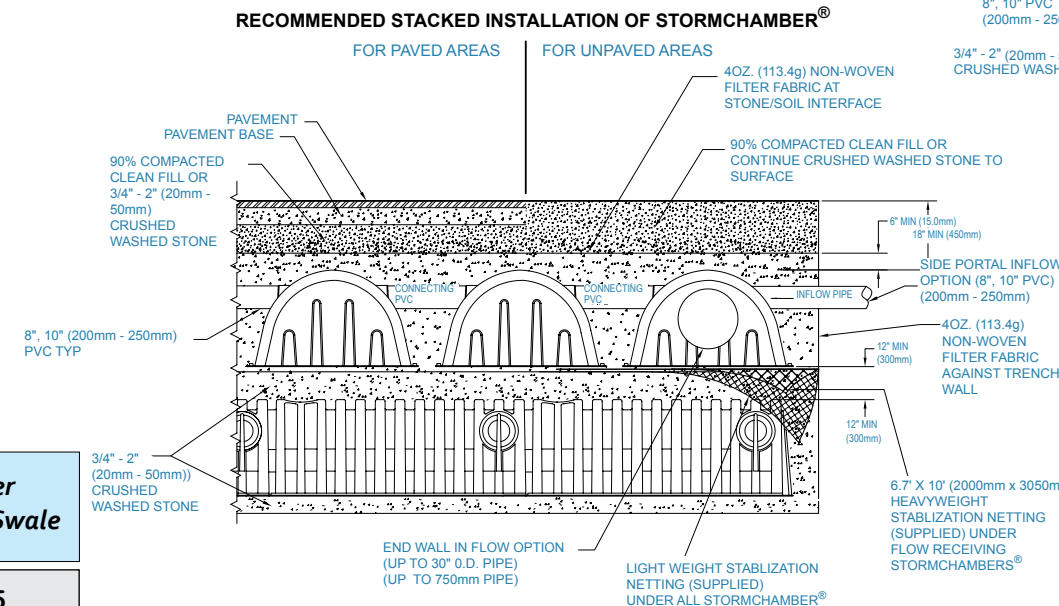
*Source: Brown, Whitney, Schueler, Thomas. National Pollutant Removal Performance Database for Stormwater BMPs, August 1997, Center for Watershed Protection, Ellicott City, Maryland.

BENEFITS OVER SIMILAR TECHNOLOGIES

	StormChamber	StormTech SC 740
Header Pipe Manifold In Flow/Out Flow	NO	YES
AASHTO H-20 Wheel Load Rating	Exceeds by 4X	Meets
End Plates to Purchase & Install	NO	YES
Need for Pre-Treatment Devices	NO	YES
Maximum Height of Fill	30' (9150mm)	8' (2440mm)
Require Compacting Stone Base	NO	YES
Two & Three Layered Installation	YES	NO
Number Chambers Required	40-45% Fewer	
Installed Cost & Time	Significantly Less	
Foot Print	Significantly Less	
Excavation, Stone, Backfill,	Significantly Less	
Compaction, Grading & Filter Fabric		

"Mimicking Pre-Development Hydrology"

StormChamber® Storage = 75cf (2.12 m³)
Design Storage Capacity = 115cf to 161cf (3.26 to 4.56 m³)
Length = 8.5' • Width = 5' • Height = 34"
(Length 2590mm • Width 1520mm • Height 864mm)

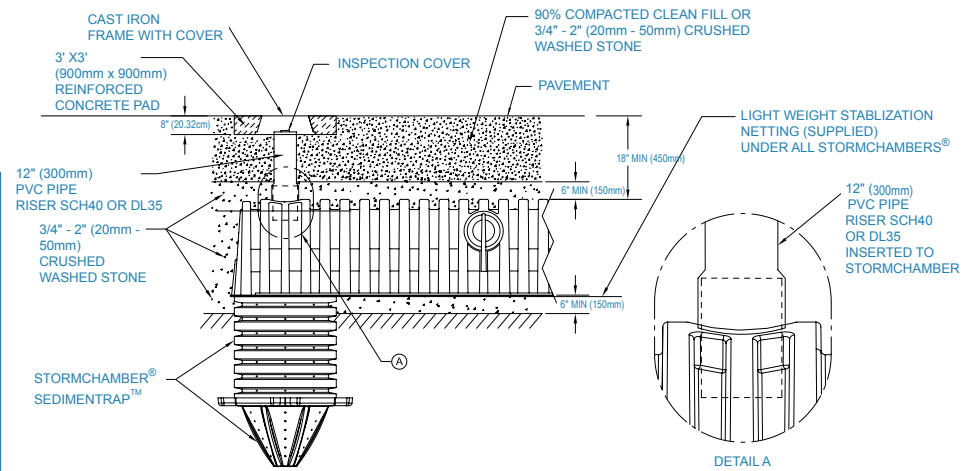


"A Septic Drainfield for Storm Water"



Significantly less cost, quicker, easier than pipe for conveyance.

SEDIMENTRAP™ AT BEGINNING AND END OF ROW(S) RECEIVING INFLOW



EXAMPLE "STANDARD" CONFIGURATION

