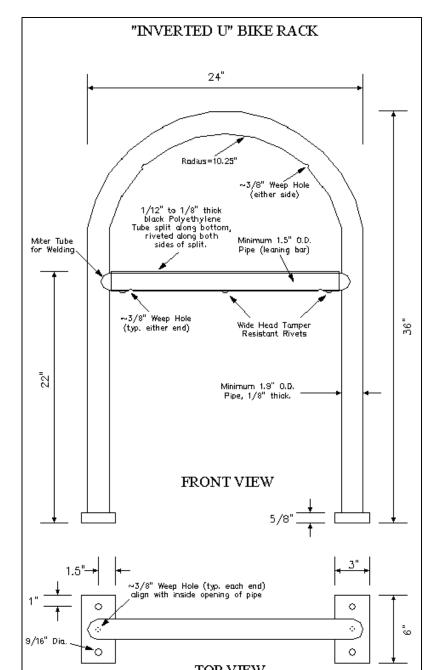


SIGHT PROOF FENCE



Bicycle rack shall meet or exceed Bicycle USA Requirements.

Isolator Row Plus Inspection/Maintenance

The frequency of inspection and maintenance varies by location. A routine inspection schedule needs to be established for each individual location based upon site specific variables. The type of land use pollutant load, percent imperviousness, climate, etc. all play a critical role in determining the actual frequency of inspection and maintenance practices.

At a minimum, StormTech recommends annual inspections. Initially, the Isolator Row Plus should be inspected every 6 months for the first year of operation. For subsequent years, the inspection should be adjusted based upon previous observation of sediment deposition. The Isolator Row Plus incorporates a combination

of standard manhole(s) and strategically located inspection ports (as needed). The inspection ports allow for easy access to the system from the surface, eliminating the need to perform a confined space entry for inspection purposes. If upon visual inspection it is found that sediment

has accumulated, a stadia rod should be inserted to determine the depth of sediment. When the average depth of sediment exceeds 3 inches throughout the length of the Isolator Row Plus, clean-out should be performed.

The Isolator Row Plus was designed to reduce the cost of periodic maintenance. By "isolating" sediments to just one row, costs are dramatically reduced by eliminating the need to clean out each row of the entire storage bed. If inspection indicates the potential need for maintenance, access is provided

via a manhole(s) located on the end(s) of the row for

follow local and OSHA rules for a confined space

process. The jetvac process utilizes a high pressure

Plus while scouring and suspending sediments.

As the nozzle is retrieved, the captured pollutants are flushed back into the manhole for vacuuming.

Most sewer and pipe maintenance companies have

vacuum/JetVac combination vehicles. Selection of an

appropriate JetVac nozzle will improve maintenance

diameter pipe cleaning are preferable. Rear facing

of 2000 psi be utilized during cleaning. JetVac reels

can vary in length. For ease of maintenance, ADS

recommends Isolator Row Plus lengths up to 200'

(61 m). The JetVac process shall only be performed

on StormTech Isolator Row Plus that have ADS

Plus Fabric (as specified by StormTech) over their

angular base stone.

jets with an effective spread of at least 45" are best.

StormTech recommends a maximum nozzle pressure

efficiency. Fixed nozzles designed for culverts or large

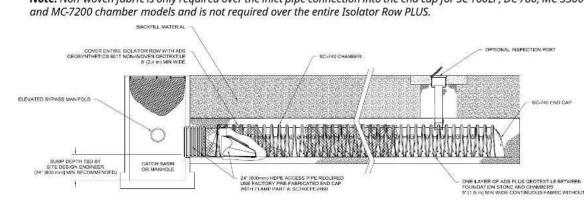
water nozzle to propel itself down the Isolator Row

Maintenance is accomplished with the JetVac

cleanout. If entry into the manhole is required, please

StormTech Isolator Row PLUS (not to scale)

Note: Non-woven fabric is only required over the inlet pipe connection into the end cap for SC-160LP, DC-780, MC-3500



Isolator Row Plus Step By Step Maintenance Procedures

Inspect Isolator Row Plus for sediment.

A) Inspection ports (if present) i. Remove lid from floor box frame

iii. Using a flashlight and stadia rod, measure depth of sediment and record results on maintenance log.

ii. Using a flashlight, inspect down Isolator Row Plus through outlet pipe

If not, proceed to Step 3.

Clean out Isolator Row Plus using the JetVac process.

A) A fixed floor cleaning nozzle with rear facing nozzle spread of 45 inches or more is preferable B) Apply multiple passes of JetVac until backflush water is clean C) Vacuum manhole sump as required

Replace all caps, lids and covers, record observations and actions.

HAMBHAMHAMHAMHAMHAMHAMHAMHA

Sample Maintenance Log

	to chamber bottom (1)	sediment (2)	(1)-(2)		
3/15/11	6.3 ft	none		New installation, Fixed point is CI frame at grade	MCG
9/24/11		6.2	0,1 ft	Some grit felt	SM
6/20/13		5.8	0.5 ft	Mucky feet, debris visible in manhole and in Isolator Row PLUS, maintenance due	иV
7/7/13	6.3 ft		0	System jetted and vacuumed	MCG

//ADS StormTech /\"

MISSOUR! ONE CALL SYSTEM OR EQUIVALENT

ii. Remove cap from inspection riser iv. If sediment is at or above 3 inch depth, proceed to Step 2. If not, proceed to Step 3. i. Remove cover from manhole at upstream end of Isolator Row Plus 1. Mirrors on poles or cameras may be used to avoid a confined space entry 2. Follow OSHA regulations for confined space entry if entering manhole iii. If sediment is at or above the lower row of sidewall holes (approximately 3 inches), proceed to Step Inspect & clean catch basins and manholes upstream of the StormTech system.

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P+Z No. Approval Date: 1/6/2022

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City of O'Fallon Standard Notes and Details - July 2019

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