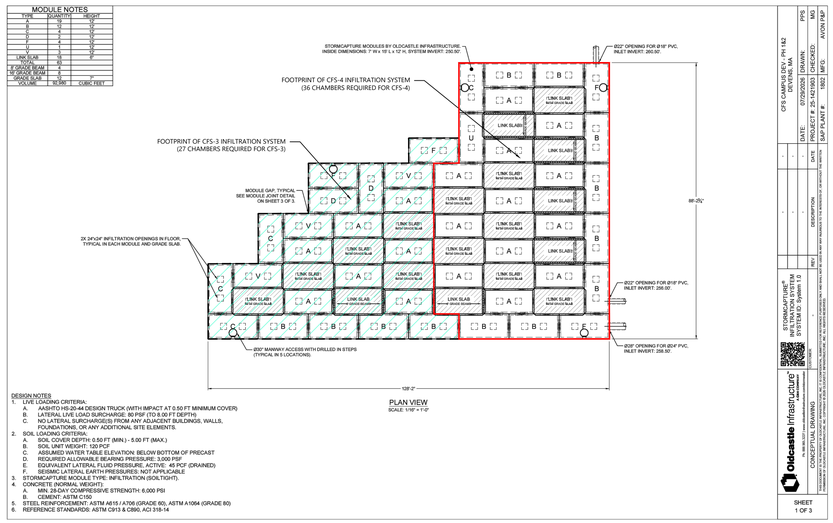
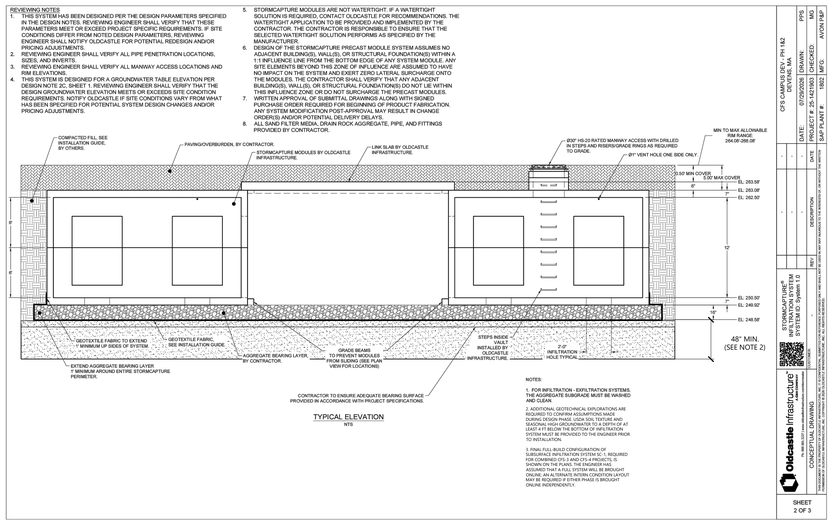
C:\AMS\ACCDocs\VHB\14867.07-CFS-4 Flibe Loop R_D Bldg_Devans_ MA\Project Files\05_Work\Cad\Id\Planset\Permit Amendment\14867.07 DT - Permit Amendment.dwg



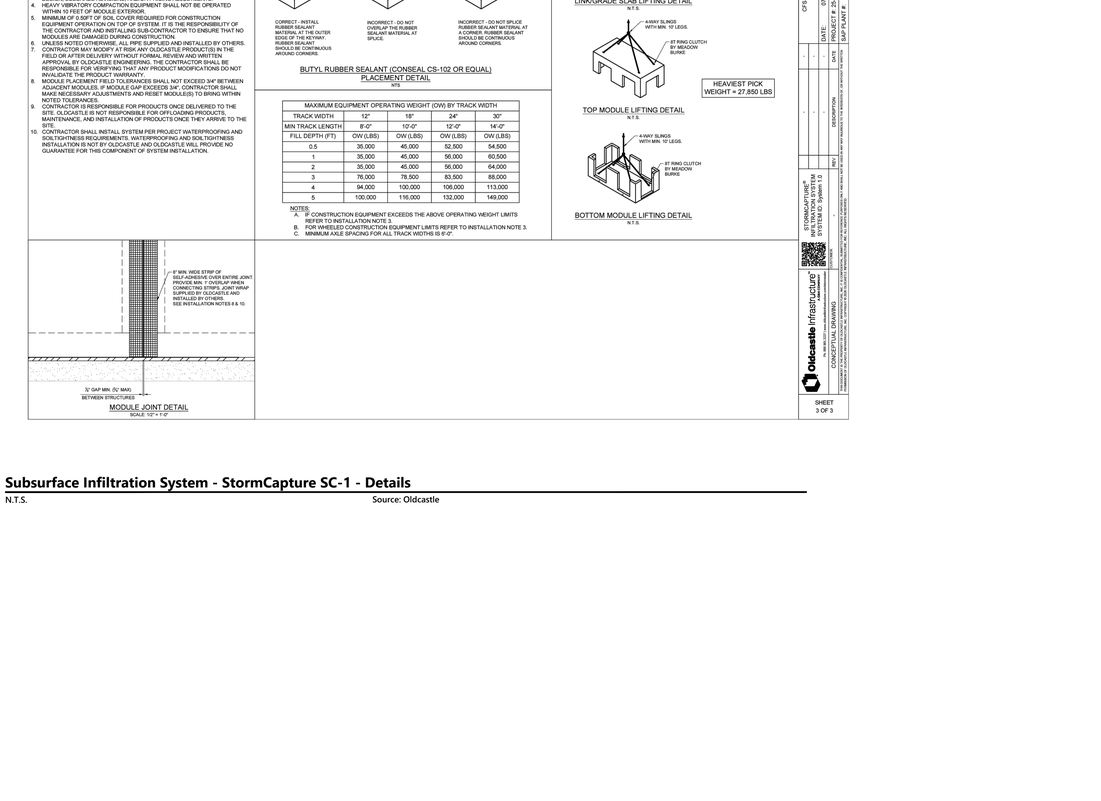
Subsurface Infiltration System - StormCapture SC-1 - Plan View

N.T.S. Source: Oldcastle



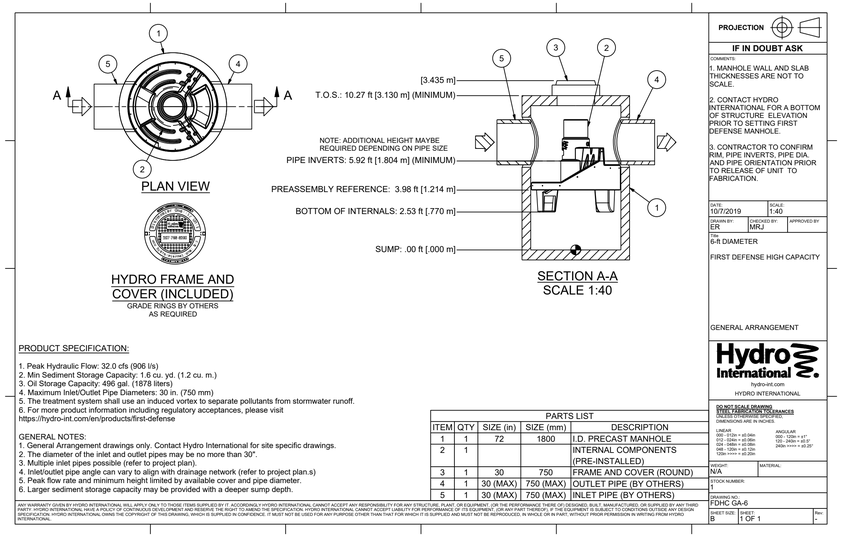
Subsurface Infiltration System - StormCapture SC-1 - Section View

N.T.S. Source: Oldcastle



Subsurface Infiltration System - StormCapture SC-1 - Details

N.T.S. Source: Oldcastle



PRODUCT SPECIFICATION:

1. Peak Hydraulic Flow: 32.0 cfs (906 l/s)
2. Min Sediment Storage Capacity: 1.6 cu. yd. (1.2 cu. m.)
3. Oil Storage Capacity: 496 gal. (1878 liters)
4. Maximum Inlet/Outlet Pipe Diameters: 30 in. (750 mm)
5. The treatment system shall use an induced vortex to separate pollutants from stormwater runoff.
6. For more product information including regulatory acceptances, please visit https://hydro-int.com/en/products/first-defense

GENERAL NOTES:
1. General Arrangement drawings only. Contact Hydro International for site specific drawings.
2. The diameter of the inlet and outlet pipes may be no more than 30".
3. Multiple inlet pipes possible (refer to project plan).
4. Inlet/outlet pipe angle can vary to align with drainage network (refer to project plan.s)
5. Peak flow rate and minimum height limited by available cover and pipe diameter.
6. Larger sediment storage capacity may be provided with a deeper sump depth.

PARTS LIST

ITEM	QTY	SIZE (in)	SIZE (mm)	DESCRIPTION
1	1	72	1800	I.D. PRECAST MANHOLE
2	1			INTERNAL COMPONENTS (PRE-INSTALLED)
3	1	30	750	FRAME AND COVER (ROUND)
4	1	30 (MAX)	750 (MAX)	OUTLET PIPE (BY OTHERS)
5	1	30 (MAX)	750 (MAX)	INLET PIPE (BY OTHERS)

Water Quality Unit WQU-1

N.T.S. Source: Oldcastle

vhb.com
vhb
3 Davol Square
Suite C300
Providence, RI 02903
401.272.8100

NOTES

Approved by:

Devens Enterprise Commission

Commonwealth Fusion Systems Campus Building 4

111 & 125 Hospital Road
Devens (Harvard), MA

No.	Revision	Date	Apprvd.
5	Permit Amendment	10/13/26	EOB
4	Endorsement Set Rev 1	4/20/26	EOB
3	Endorsement Set	1/28/26	EOB
2	Level 2 Permit Comments	1/6/26	EOB
1	Level 2 Permit Comments	11/17/25	EOB

Designed by | Checked by

Issued for: Level Two Permit — Date: Sept. 23, 2025

Not Approved for Construction

Drawing Title: Site Details 3

Drawing Number: C6.03

COMMONWEALTH OF MASSACHUSETTS — ERIC O'BRIEN CIVIL No. 58432 — REGISTERED PROFESSIONAL ENGINEER

10/13/2026

Sheet 11 of 13

Project Number: 14867.07

Saved Friday, October 9, 2026 4:47:04 PM CMONTEIRO Plotted Tuesday, November 10, 2026 12:35:27 PM Eric O'Brien