

Node SMH3 HYDRO Online Hydro-Brake® Control

Flap Valve	x	Objective	(HE) Minimise upstream storage
Replaces Downstream Link	✓	Sump Available	✓
Invert Level (m)	230.956	Product Number	CTL-SHE-0093-5100-2000-5100
Design Depth (m)	2.000	Min Outlet Diameter (m)	0.150
Design Flow (l/s)	5.1	Min Node Diameter (mm)	1200

Node SPPIC7 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	231.634
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)	128

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	75.5	0.0	0.400	75.5	0.0	0.800	75.5	0.0	1.010	0.0	0.0
0.200	75.5	0.0	0.600	75.5	0.0	1.000	75.5	0.0			

Node SPPIC8 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	231.574
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)	208

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	75.5	0.0	0.400	75.5	0.0	0.800	75.5	0.0	1.010	0.0	0.0
0.200	75.5	0.0	0.600	75.5	0.0	1.000	75.5	0.0			

Node SPPIC11 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	231.157
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)	

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	175.0	0.0	0.400	175.0	0.0	0.800	175.0	0.0	1.001	0.0	0.0
0.200	175.0	0.0	0.600	175.0	0.0	1.000	175.0	0.0			