Node SMH7 HYDRO Online Hydro-Brake® Control

Flap Valve	x	Objective	(HE) Minimise upstream storage	
Replaces Downstream Link	✓	Sump Available	✓	
Invert Level (m)	231.113	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) 231.633
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
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	5.6	0.0			

Node SPPIC8 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m) 231.584
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.95	Time to half empty (mins)

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
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)

Garry Eyres

File: New Hey 3rd Model - Seperate Roof.pfd
Network: Storm Network
Garry Eyres
16/01/2025

Page 2

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	240.0	0.0	0.400	240.0	0.0	0.800	240.0	0.0	1.001	0.0	0.0
0.200	240.0	0.0	0.600	240.0	0.0	1.000	240.0	0.0			