

25m CENTRES MAX

PROPOSED DROPPED KERB (KERB OPENING) TO ALLOW FOR SURFACE

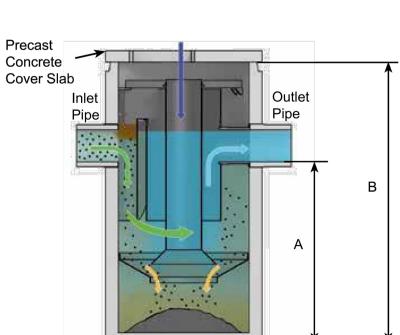
WATER RUN-OFF

RUNOFF

RUNOFF

Unit	External Diameter of Unit (mm)	Inlet & Outlet Pipe Diameter (mm)	Depth (m)			Lift
			Α	В	Component Depth <sup>a)</sup>	Weight (1
1.2 m Sealed Manhole System with HD Cover Slab	1460	300	1.910	2.600	2.830	
HD Cover Slab b)					0.230	0.6
Base Section					0.825	1.5
Top Section					1.765	2.5
1.8 m Sealed Manhole System with HD Cover Slab	2160	450	2.510	3.800	4.050	
HD Cover Slab <sup>b)</sup>					0.290	1.4
Base Section					1.235	5.0
Top Section					2.485	8.0
2.55 m System with HD Cover Slab	2850	600	2.950	4.750	4.950	
HD Cover Slab b)					0.200	2.8
Base Section					1.750	8.0
Top Section					3.000	10.0
3.0 m System with HD Cover Slab	3350	750	3.125	5.000	5.200	
HD Cover Slab <sup>b)</sup>					0.200	4.6
Base Section					2.000	12.5
Top Section					3.000	14.0
Notes: a) Base and Top Section component de is the depth of the assembled unit. b) Cover slabs are heavy duty, suited for inlets and outlets are supplied with or Dimensional Tolerances: Height ± 25	or highways loading ast-in holes only. Ì	g and are supplied v No stub pipes are p	with one o	r two acces	•	

Table 2 - Downstream Defender® dimensions and weights. Page 3 of 4 The Hydro StormTrain® Series StormTrain® Hotline: 01275 337955



stormtrain@hydro-int.com

ROCKER PIPE

SADDLE CONNECTION

FROM REAR HOUSE-

DOWN PIPES

DOWN STREAM DEFENDER

1:25 1:1 0 10 20 30 40 50 60 70 80 90 100m REV. DATE **AMENDMENT** DRN APPD

## STATUS FOR PLANNING ONLY **NOT FOR CONSTRUCTION**



NOTES:

1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.

ARCHITECTURAL AND ENGINEERING DRAWINGS.

hydrobrake set🖊

TO 21/s

PROPOSED HYDROBRAKE MANHOLE

SCALE 1:25

FILTER DRAIN DETAIL

SCALE 1:25 @ A1

NOTE: FOR FURTHER DETAILS ON MANHOLE CONSTRUCTION

PLEASE REFER TO DRAWING 13-119 P4210 & 4211 FOR DETAILS

300mm BACKFILLED WITH EXCAVATED GRANULAR

FILL MATERIAL.

PEA GRAVEL.

AS SHOWN.

PROPOSED 150mm

PERFORATED PIPE

TRENCH TO BE LINED

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT

ROCKER PIPE

CONCRETE

BENCHING CL 20/20

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CLIENT GERARD GANNON PROPERTIES ARCHITECT CONNOLLY ARCHITECTS **PROJECT** LANDS AT KILNAHUE & GOREY HILL, GOREY TITLE TYPICAL SuDS DEVICES & HYDROBARKE MANHOLE DETAILS DRAWN DATE DESIGNED APPROVED MARCH 2022 **SCALE** JOB NO. DRG. NO. REVISION 1:25 **©** A1

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Mar 29, 2022 - 12:36pm Drawing Location: M:\Projects\13\13-119\Cad\Civil\Planning 4 2021\13-119-P4251 Typical SuDS Devices & Hydrobarke Manole Details.dwg

GREEN ROOF PODIUM OUTLET

-CONTROLLED OUTLET WITH

DRAINAGE LAYER

- INSULATION LAYER

SUBSTRATE (GROWING MEDIUM)

TYPICAL DETAILS OF

PLUVIAL CUBE UNITS

GRATE