

GENERAL USE	MINIMUM GROUND COVER
LANDSCAPED AREAS (NON TRAFFICKED)	400mm
CAR PARKS, VEHICLE MASS $\leq$ 2500 kg	600mm
CAR PARKS, OCCASIONAL VEHICLE MASS $>$ 2500 kg	800mm
ROADS, TRAFFIC LOADING $<$ 44 tonnes	800mm

adjusted accordingly.

Support frame and cover.
Cast-in-place / precast concrete support collar.
(If cast-in-place, ensure external short corrugations are not filled with concrete)

190

Finished surface
(refer to external works plan)

Top and side fill.
minimum 100mm deep, 10mm single sized pea gravel
then native earth mixture backfill

Polystorm PSM1A system.
2 block's deep
full block layer height = 400mm
all blocks and inspect chambers = 100mm long x 500mm wide

Bottom.
minimum 100mm deep, 10mm single sized pea gravel

Undistributed earth.
Structurally sound, level and free of debris.
refer to project plans and specifications.

Butyl liner with sealed joints to manufacturers details

SC membrane

Aquaflo blocks

5mm Clean stone*

50mm sharp sand bedding course

100mm Upper sub-base 20-5mm stone*

250mm Lower sub-base 63-10mm stone*

SC Geotextile

SC Intergrid

Optional SC Intergrid

Standard kerb block

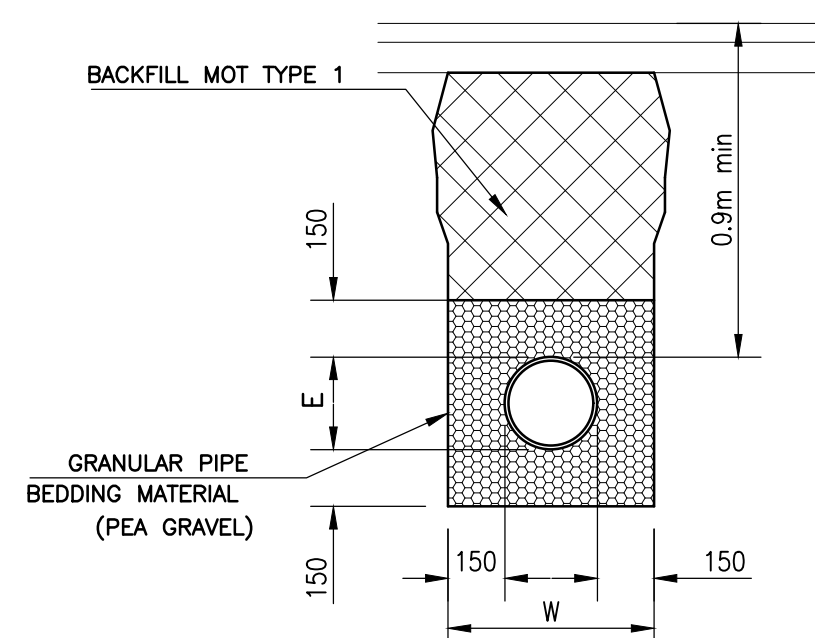
Hydroway fin drain connected to 110mm PVC-U pipe with SC seal

Geotextile and SC membrane brought up to haunched Kerb and cut off flush with surface of Aquaflo blocks

*** Specification for sub-base and laying course:-
the crushed stone must possess well defined edges
and have a minimum 10% fines value of 150kN
when tested in accordance with BS812 Part iii.**

SIEVE SIZE	% PASSING
100mm	100
63mm	90-100
37.5mm	60-80
20mm	15-30
10mm	0-5

Tanked system section - Aquaflo® pavement with undersealing membrane



1:20



Note:
Provide Hepsleeves and
compressible joint board
at all pipe joints

1:20

W = E + 300mm
WHERE E IS THE OUTSIDE DIAMETER OF PIPE

1:20

1. This drawing is copyright (C).
2. This drawing is to be read in conjunction with all relevant drawings and specifications.
3. This drawing shall not be scaled: use only figured dimensions. All dimensions are shown in millimetres and levels in metres above OS Datum.
4. Dimensions and conditions shall be verified on site. Any discrepancies between this drawing and site conditions shall be brought to the attention of the Engineer for resolution prior to placing orders or construction.
5. All work shall comply with the Building Regulations and the requirements of the Local Authority, current Codes of practice and British Standards.
6. Dimensions indicated thus: *are to be confirmed on site.

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Rev	Description	By	Date	Chk'd	Auth
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MARKS HEELEY

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CONSULTING STRUCTURAL AND CIVIL ENGINEERS

Client

Project

**JANSONS ROAD,
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Sheet Size A1	Original Scale 1:20	Designed/Drawn AF	Checked GN	Authorised GN
		Date Sept'25	Date Sept'25	Date Sept'25

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P	H18808/ D2	-