

ITEM NO.	PART NUMBER	DESCRIPTION	Default/Qty.
4	100326	600 Diameter Flanged Neck 640 mm Long	2
5	013706	GROMMET 110MM C/W 10MM THROAT	2
6	013612	4 inch PVCu Pipe - 200mm	2
7	0245	Ø600 Mastic Kit	2
8	R-DRY-0010	Hand Laminate - Unfilled	See Below

z = (Class)	Item 3	Qty.
1	NSFACL1D	2
2	NSFACL2D	2

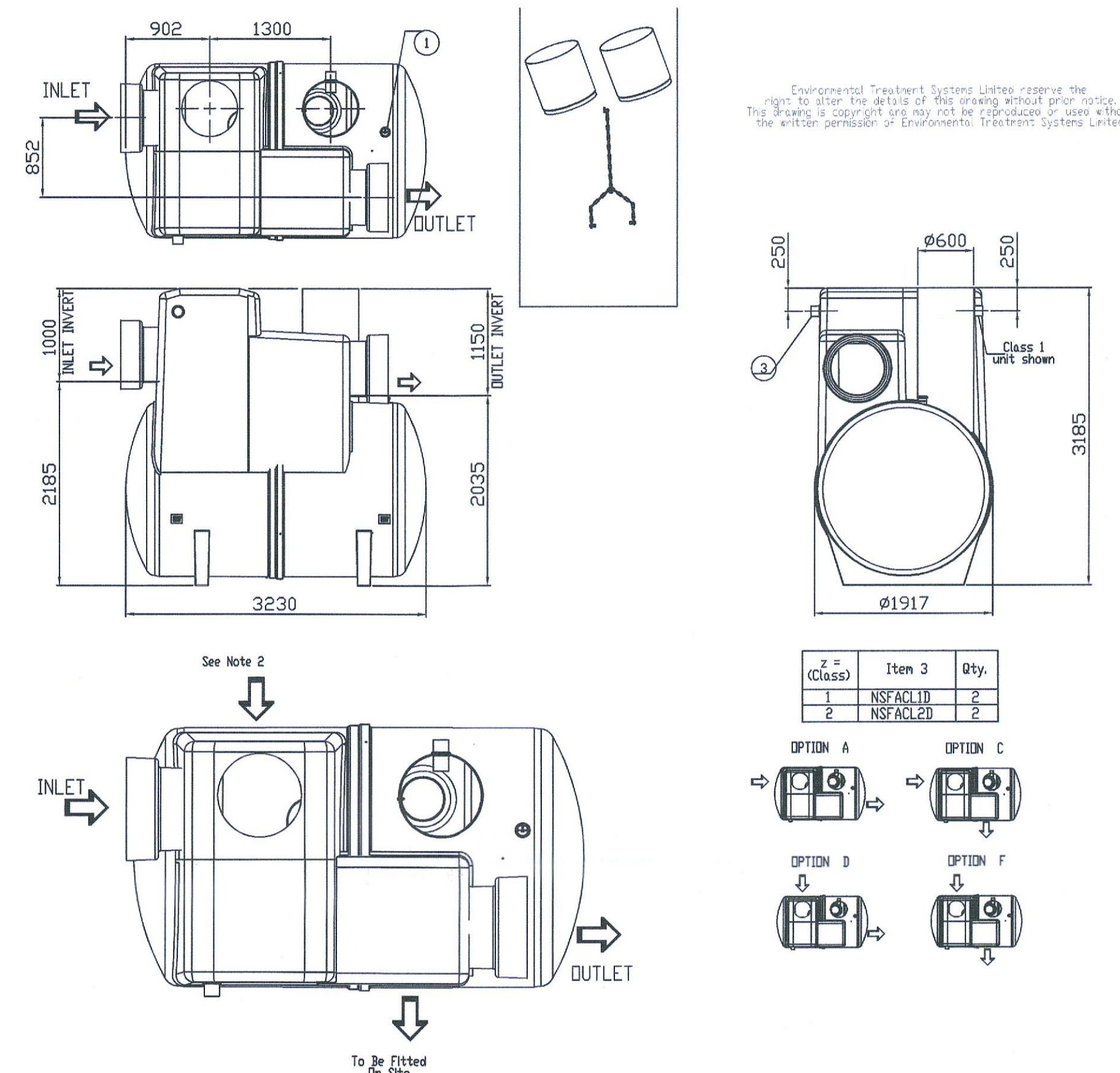
w = (Alarm Type)	Item 1
A	NSFACASE100A

v = (Brands)	Item 9
K	NSFALABELK
T	NSFALABELT
C	NSFALABELC
E	NSFALABELE
I	NSFALABELI
L	NSFALABELL (No Branding)
P	NSFALABELP

x = (Pipe Size)	Item 2	Qty.	Item 8 Qty.
H	100704	2	3.8kg
K	100705	2	4.5kg
M	100706	2	4.5kg
N	100707	2	6.0 kg

For pipe orientation options (y)  
See sheet 2

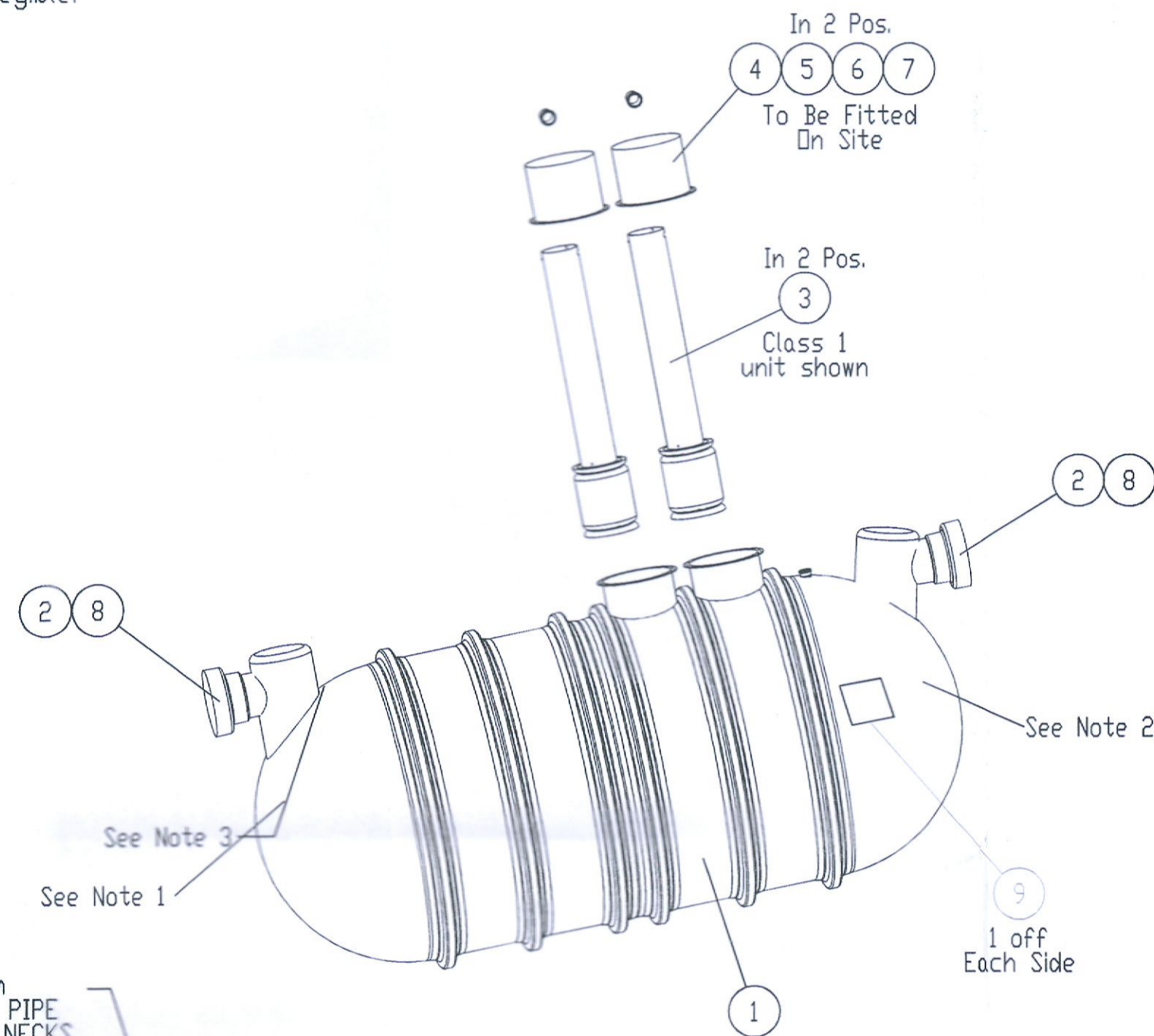
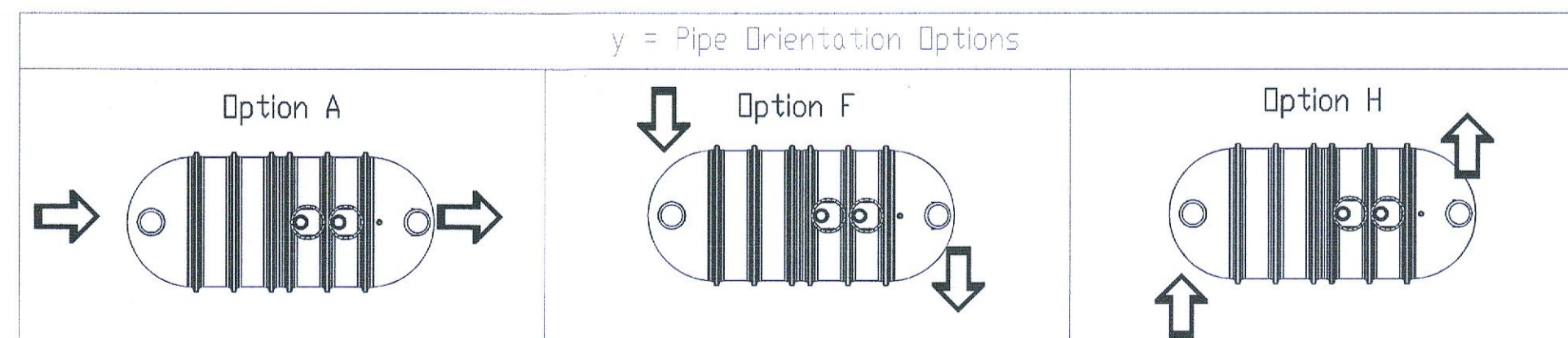
- Notes:-
- "INLET" to be stencilled adjacent to inlet pipework. Lettering to be legible.
  - "OUTLET" to be stencilled adjacent to outlet pipework. Lettering to be legible.
  - "DESCRIPTION", "DATE BUILT", "DATE TESTED" & "W/D NUMBER" to be completed onto a Data Label and fitted to the side of the main tank. Lettering to be legible.



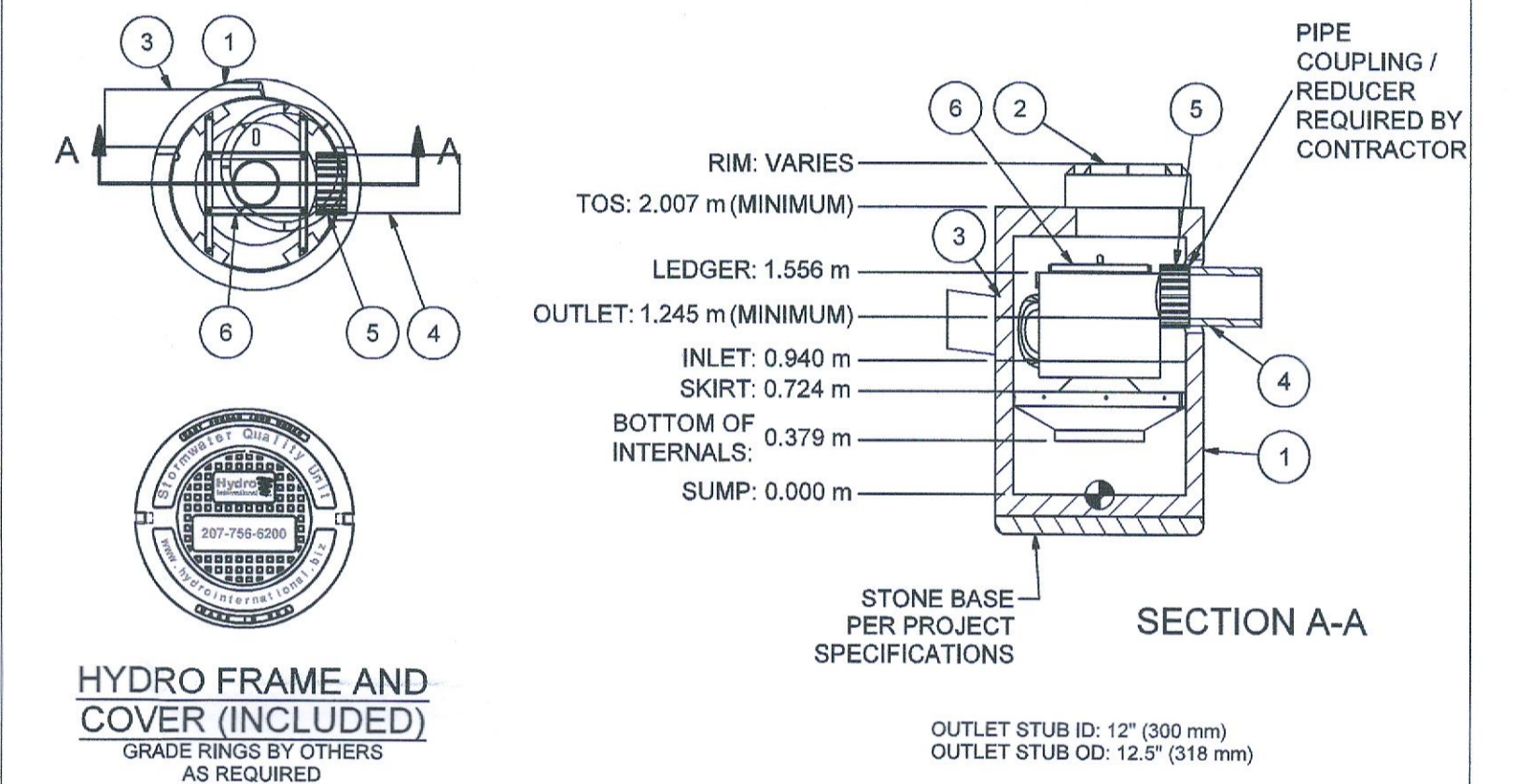
Bypass Petrol Interceptor Detail  
Location Reference PI 3  
Scale 1:50

LOCATION REF.	UNIT REF.	UNIT CLASS	NOMINAL FLOW RATE (L/s)	PEAK FLOW RATE (L/s)	OVERALL LENGTH	BASE TO INLET INVERT	OUTLET INVERT	STD. PIPE DIA. (GRP)
PI 1 & PI 2	NSFA100	1	100	100	6200	2500	2450	600
PI 3	NSBE050	1	50	500	3960	2185	2035	600

\*Based on peak slow & catchment size from Klargestor Separator Technical Literature



Full Retention Petrol Interceptor Detail  
Location Reference PI 1 & PI 2  
Scale 1:50



EQUIPMENT PERFORMANCE

- The stormwater treatment unit shall adhere to the hydraulic parameters given in the chart below and provide the removal efficiencies and storage capacities as follows:
- The treatment system shall use an induced vortex to separate pollutants from stormwater runoff.
  - Peak Hydraulic Capacity: 3.0 cfs (85 l/s)
  - Sediment Storage Capacity: 0.70 cu. yd. (0.53 cu. m)
  - Continuous Oil Storage Capacity: 70 gal. (265 liters)
  - Sediment shall be stored in a zone that is isolated from the main flow path and protected from reentrainment by a benching skirt.
  - For more product information including regulatory acceptances, please visit <https://hydro-int.com/en/products/downstream-defender>

Proprietary Surface Water Treatment  
Detail  
Scale 1:50

Note:  
For Green Roof Details refer to Architectural drawings.

Rev	Date	By	Chkd	Appd
CD1	24/05/22	CDS	CDS	JMAC

Issued for Planning RFI Response Clarification

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Client  
Digital Netherlands VIII B.V.  
(Netherlands)

Project Title  
INXN DUB15/16

Drawing Title  
Proposed SuDS Feature Details  
Sheet 2 of 2

Scale at A1	
As Shown	
Role	Civil
Suitability	Planning RFI Response Clarification
Arup Job No	Rev
280503-00	C01
Name	
IE-DUBZZ-STE1-EO-ARP-DR-C-0139	