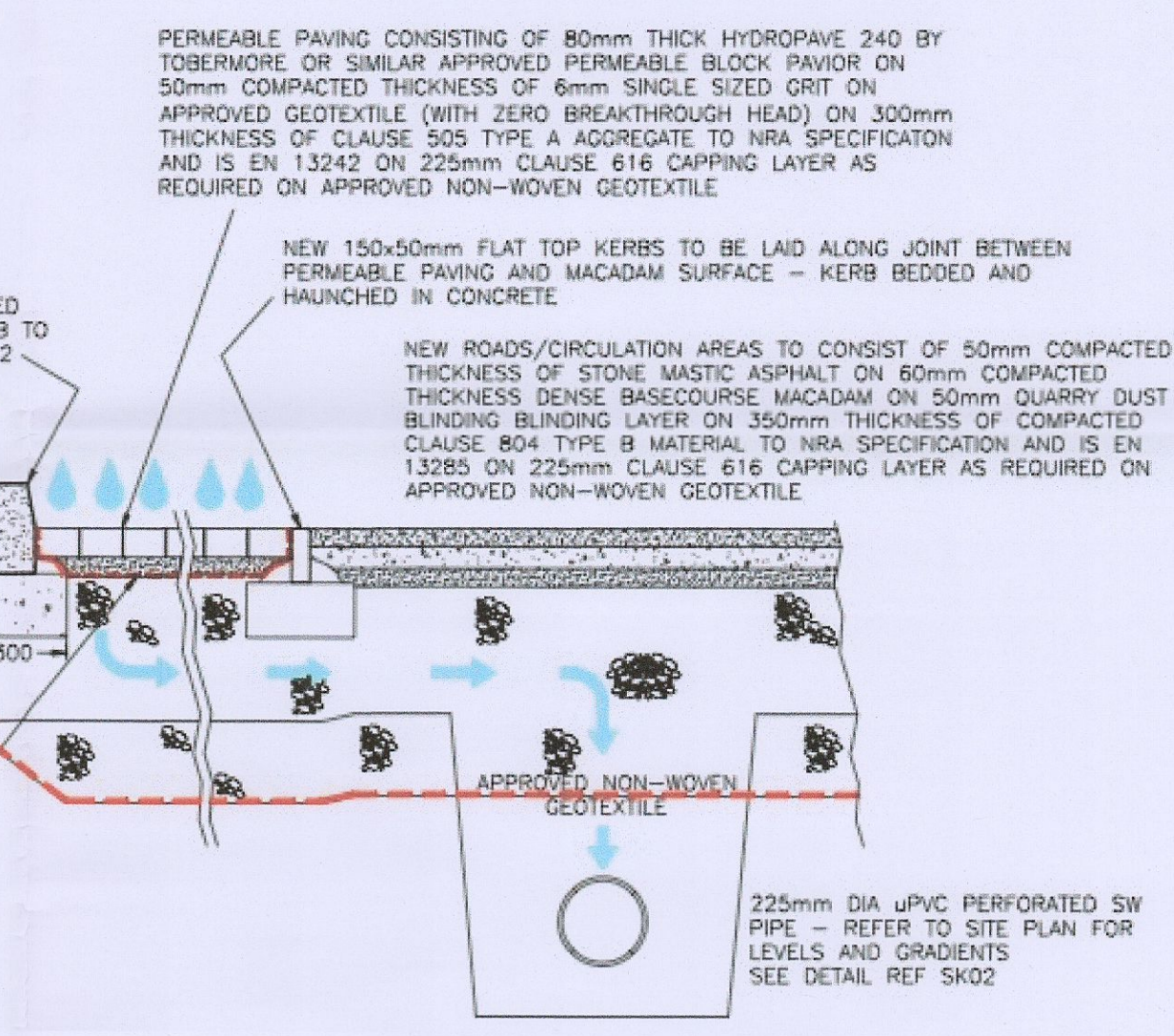


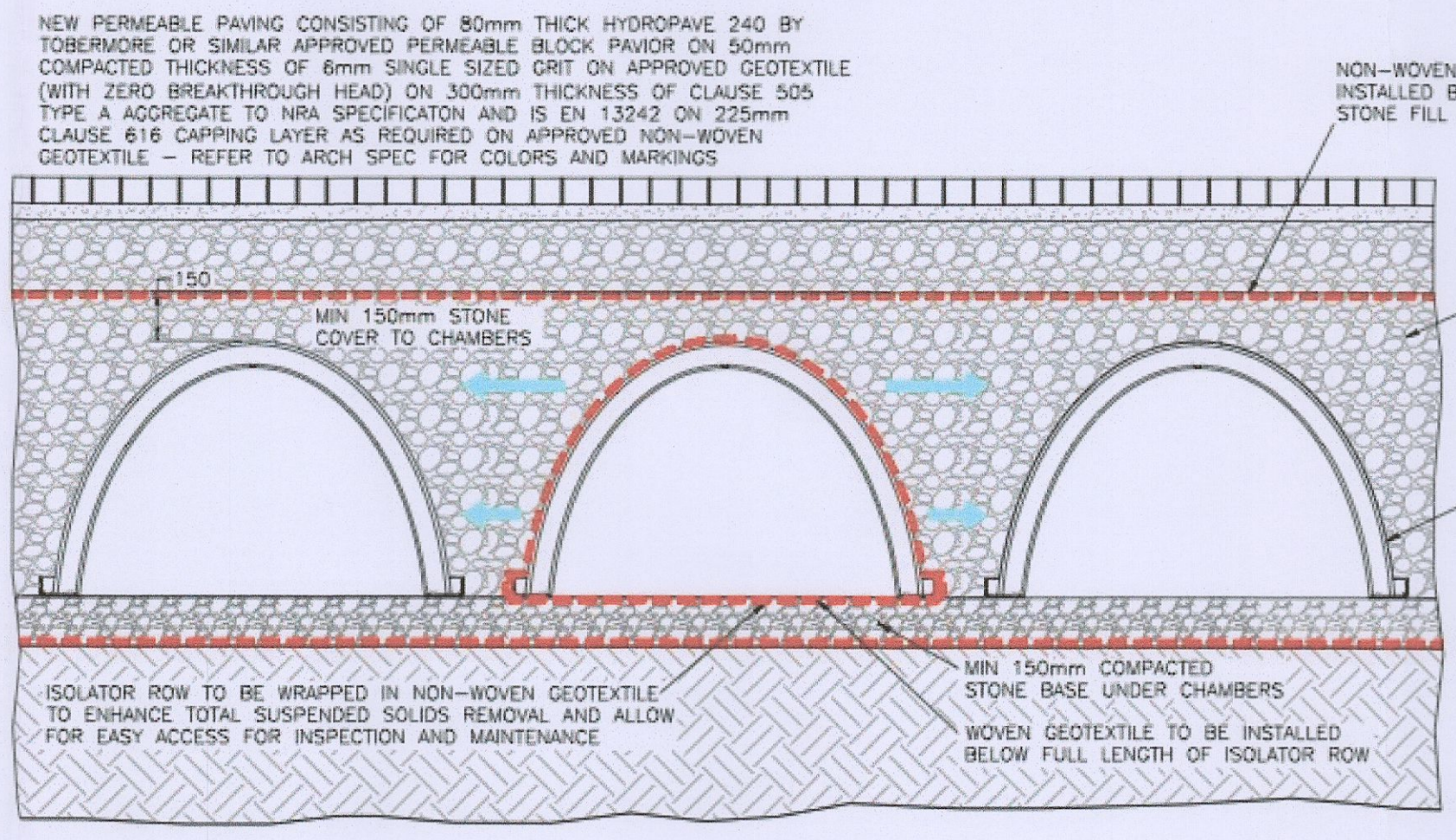
SUDS TREATMENT TRAIN DRAWING

- NOTES:
- SOFT LANDSCAPED AREAS
 - EXISTING PERMEABLE PAVED AREAS
 - PROPOSED PERMEABLE PAVED AREAS
 - EXISTING MACADAM ROAD SURFACES
 - PROPOSED MACADAM ROAD SURFACES

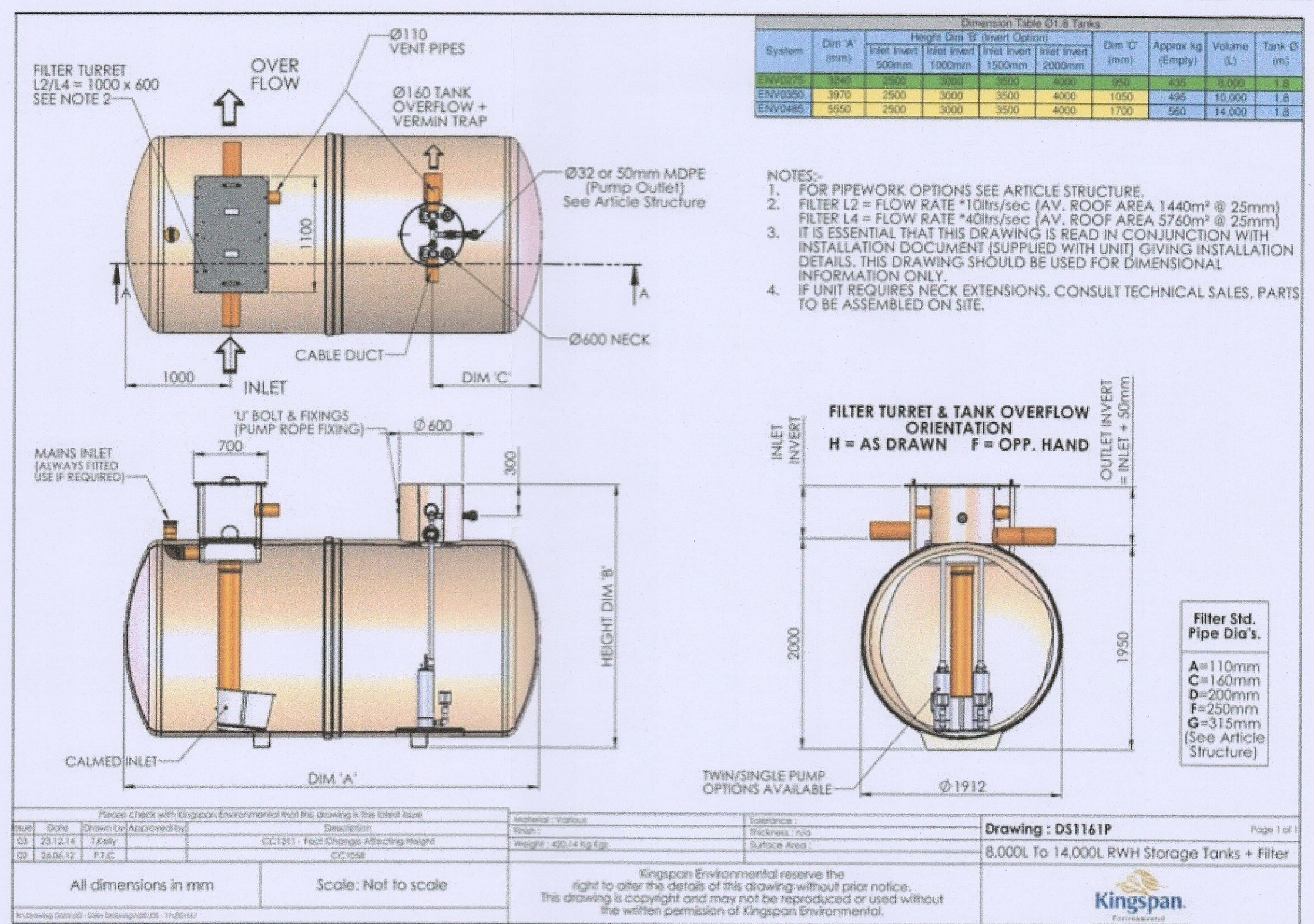
- SUDS TREATMENT TRAIN:
- PERMEABLE PAVING - TREATMENT 1
 - DETENTION/FILTRATION CELL - TREATMENT 2
 - RAINWATER HARVESTING TANK
 - BIO - RETENTION TREE PIT



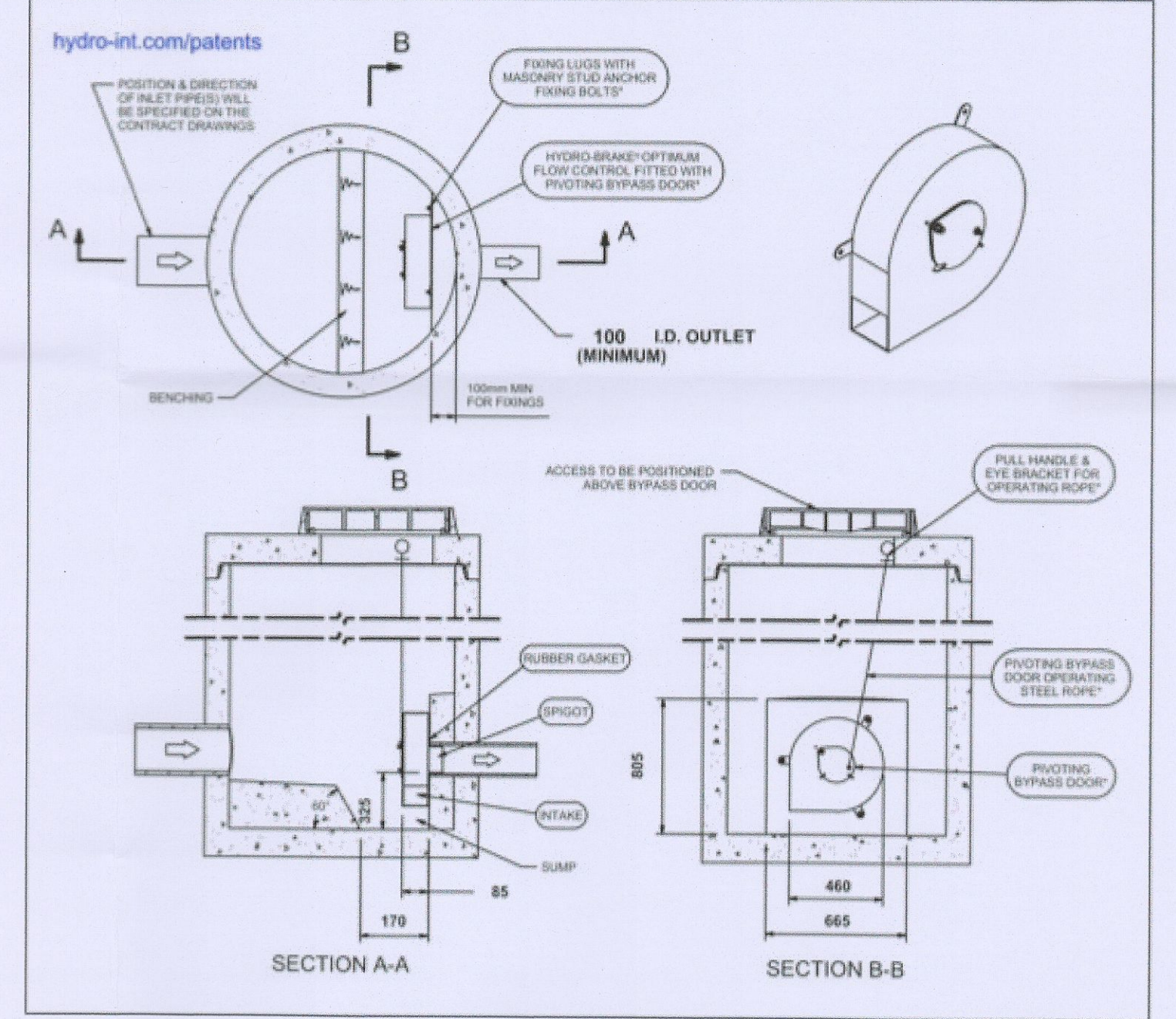
TYPICAL SECTIONAL DETAIL THROUGH PAVING AND ROAD (EXISTING & PROPOSED)



ISOLATOR/FILTRATION CELL



EXISTING 8000 LITRES RAINWATER HARVESTING TANK



EXISTING HYDROBRAKE DETAIL

System	Dim A (mm)	Height (mm) (Tank Depth)				Approx kg (Empty)	Volume (L)	Tank Ø (m)
		1000mm	1500mm	2000mm	2500mm			
ENV1000	2500	3000	3500	4000	450	10,000	1.8	
ENV1500	3500	3000	3500	4000	600	15,000	1.8	
ENV2000	4500	3000	3500	4000	750	20,000	1.8	

- NOTES:
- FOR PIPEWORK OPTIONS SEE ARTICLE STRUCTURE.
 - FILTER L2 = FLOW RATE 100L/SEC (AV. ROOF AREA 1440m² @ 25mm) FILTER L4 = FLOW RATE 400L/SEC (AV. ROOF AREA 5760m² @ 25mm)
 - IT IS ESSENTIAL THAT THIS DRAWING IS READ IN CONJUNCTION WITH INSTALLATION DOCUMENT (SUPPLIED WITH UNIT) GIVING INSTALLATION DETAILS. THIS DRAWING SHOULD BE USED FOR DIMENSIONAL INFORMATION ONLY.
 - IF UNIT REQUIRES NECK EXTENSIONS, CONSULT TECHNICAL SALES. PARTS TO BE ASSEMBLED ON SITE.

Date	Drawn by/Approved by	Description	Revision	Thickness	Surface Area
23.12.14	T. Kelly	CC1201 - Foot Charge Affecting Height	01	1.5mm	
24.05.15	D. Kelly	CC1201 - Foot Charge Affecting Height	02	1.5mm	

Drawing : DS1161P
8,000L to 14,000L RWH Storage Tanks + Filter

PI	PLANNING APPLICATION DRAWING	FEB13
REV	amendments	date

ALAN CLARKE & ASSOCIATES
consulting civil & structural engineers
PROJECT MANAGERS

ENTERPRISE CENTRE
DUBLIN ROAD, CASTLEBLAYNEY
CO MONAGHAN
p: 042-9745071
f: 042-9746445
e: info@alanclarke.ie

client	PILSEN AUTO LIMITED	
project	PILSEN SKODA	
title	SUDS TREATMENT TRAIN DRAWING	
architect	EMD ARCHITECTS	date job no AUG22 22164
scale	1:250 1:20	drawing no rev 22164-530 P1