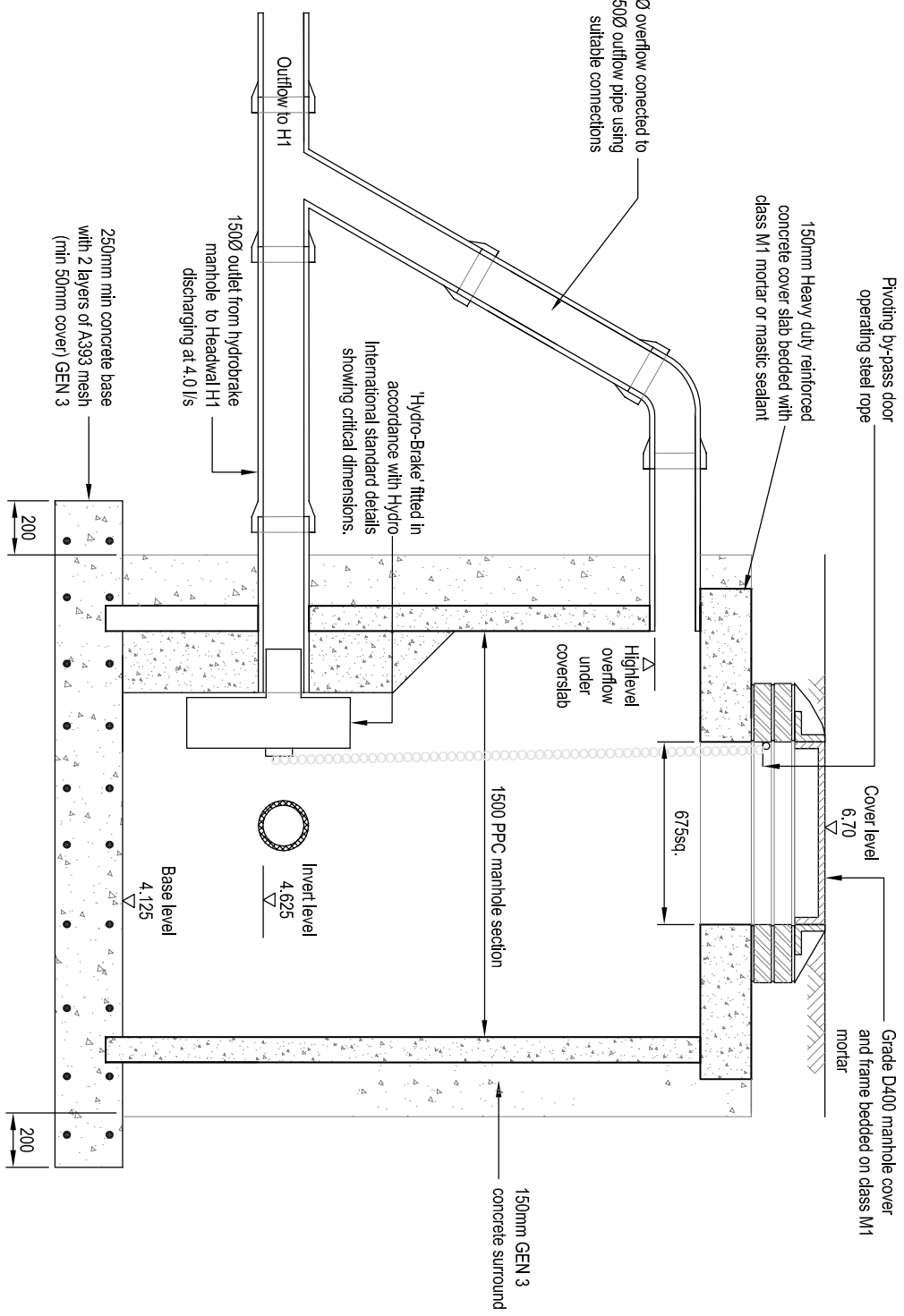
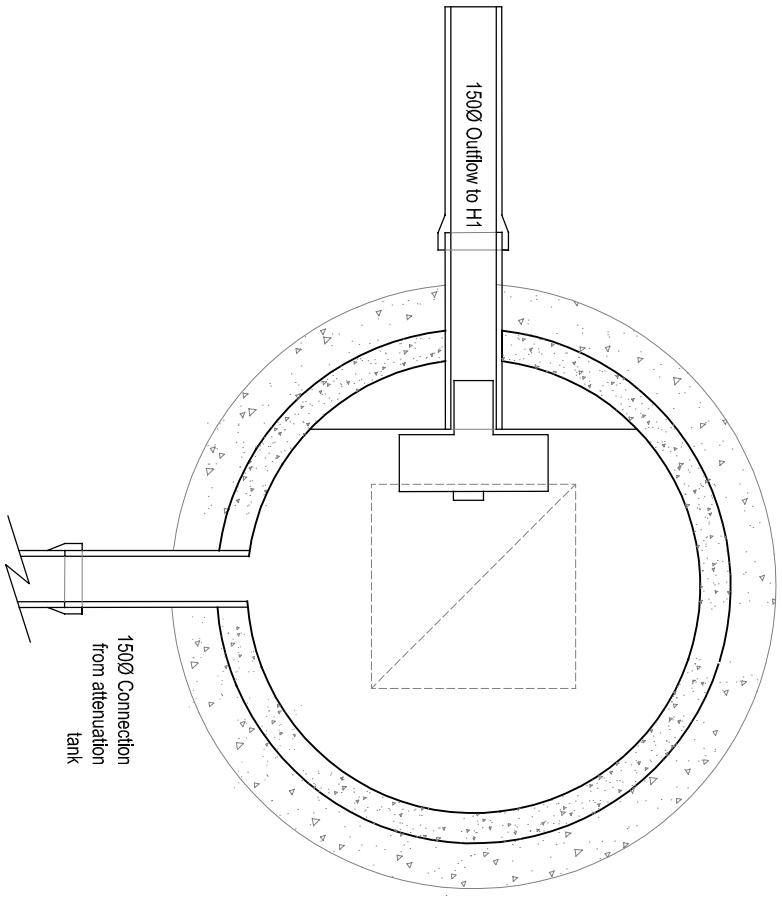




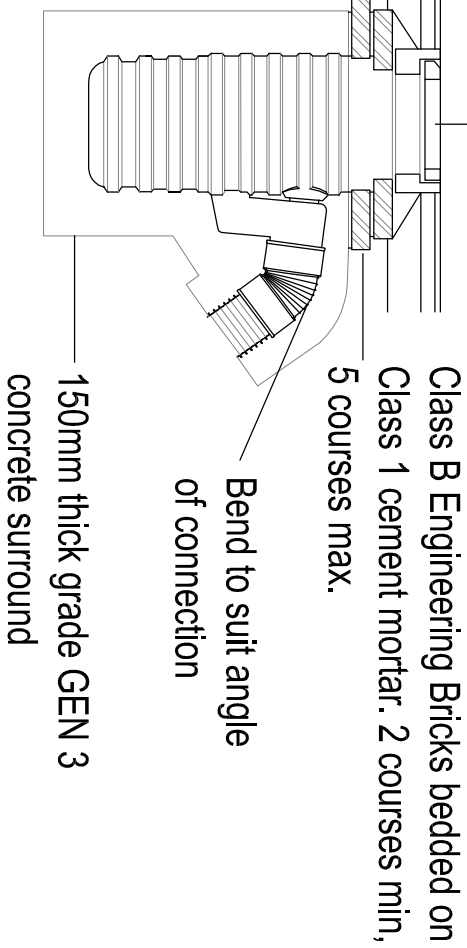
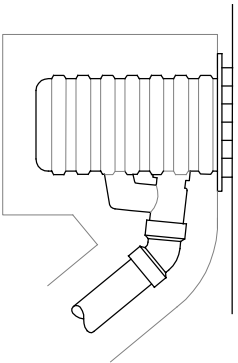
Section Through Hydrobrake Chamber HB1



Hydro-Brake Manhole Details

Plan on Hydrobrake Chamber HB1

300mm dia x 600mm deep polypropylene trapped yard gully with grade B 300mm x 300mm cast iron hinged grating and frame to BS EN124 and 150mm thickness grade GEN3 concrete surround as shown.



Gully grating & frame Class D400 to BS EN 124, non rock. Clear opening 440mm x 400mm

Class B Engineering Bricks bedded on Class 1 cement mortar. 2 courses min, 5 courses max.

Bend to suit angle of connection

'ULTRA-RIB' Road Gully

Gully Details

Back fill with non angular as dug material. Selected fill material should be compacted to 90% maximum dry density, a minimum of 300mm working space will be required around units for compacting.

Suitable 300g woven permeable geotextile suitably lapped to manufacturers guide lines

Aquacell units should be laid in 'brick bonded' formation and pegged together using proprietary pegs.

Aquacell Units size 1.0m (L) x 0.5m (W) x 0.4m (D)

Proprietary inspection access sited at 25 metre intervals

SURFACE COURSE - 20mm of AC 10mm close surf (100/50 PSV 55 to (EN 13108-1)

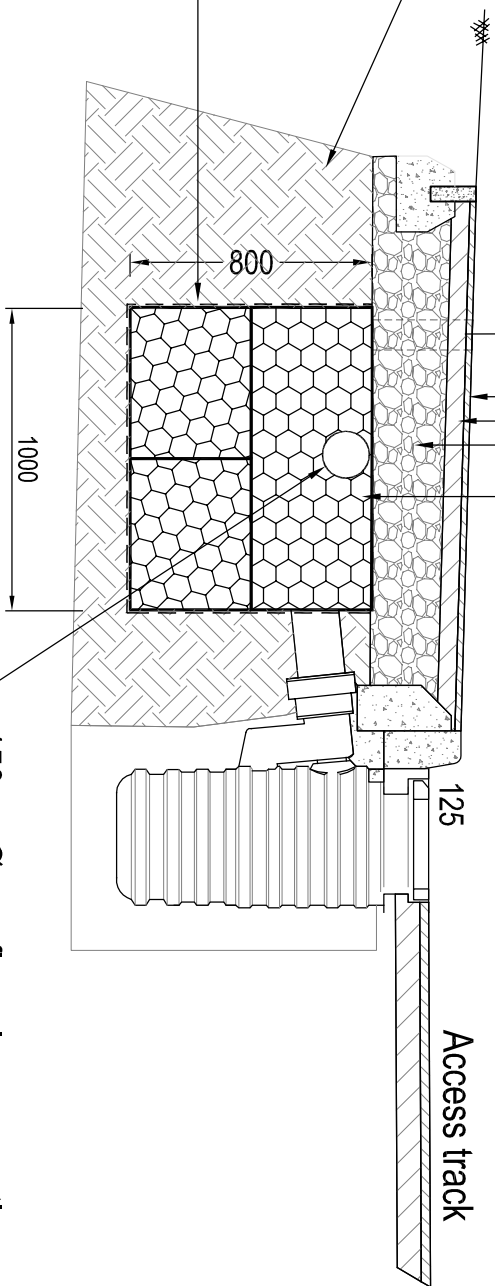
BINDER COURSE - 60mm of AC 20 dense bin 0/60 (EN 13108-1)

SUB-BASE - 225mm of Type 1 to Clause 803 MCDHW

1000x500x400 Aquacell 'Prime' cellular infiltration units.

150mmØ overflow pipe connecting Aquacell systems B-C-D

Access track



Access Track Details Aquacell Drainage Details

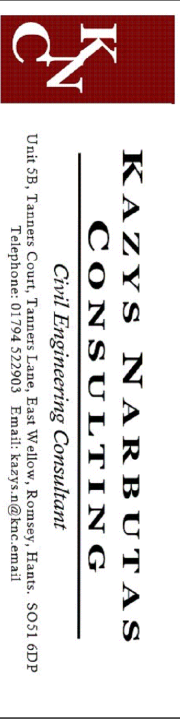
Headwall Details:
See Tracey Concrete standard detail Drg No SMH_150_450

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CONSTRUCTION

Project
CINDERS NURSERY
YAPTON

Client



Drawing Title			
Engineering Details			
Standard Constitution Details			
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