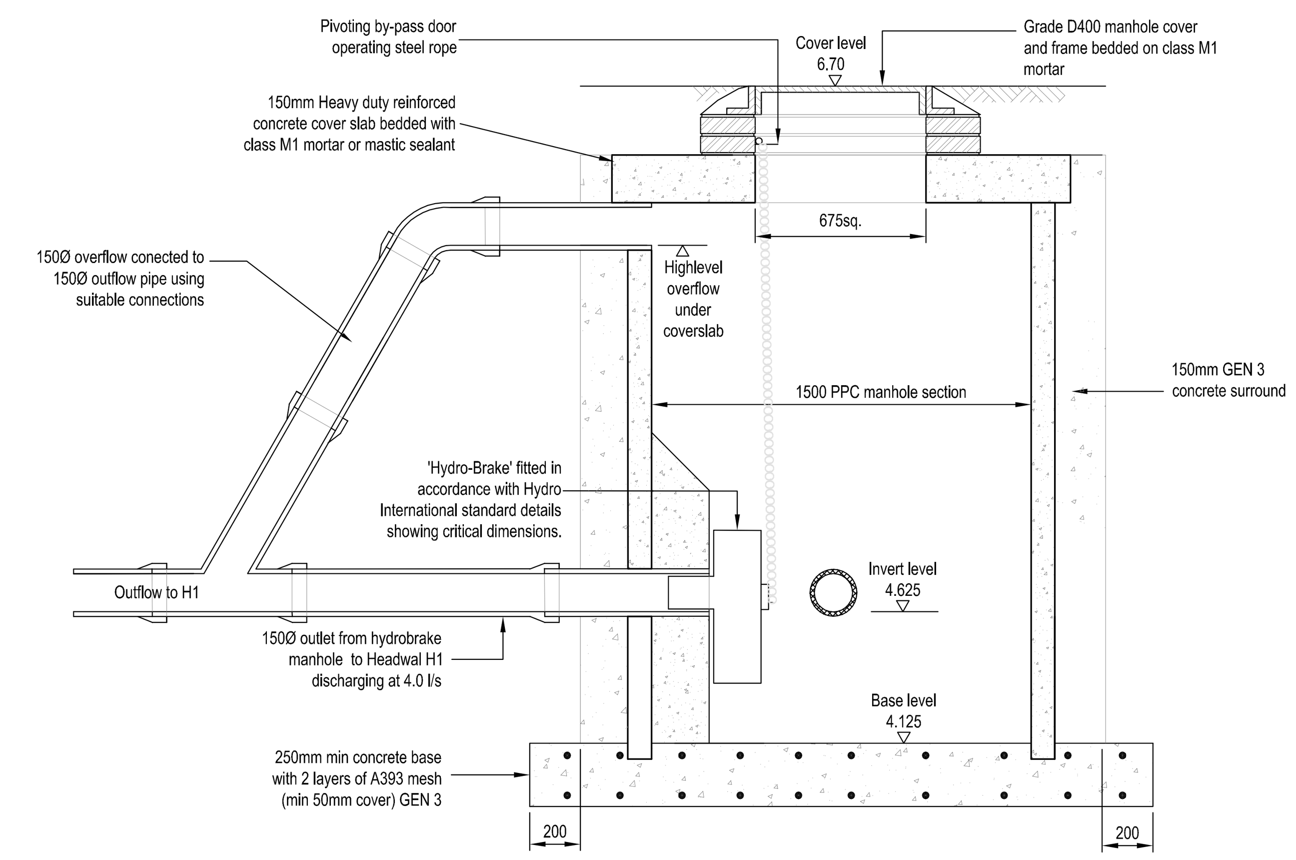
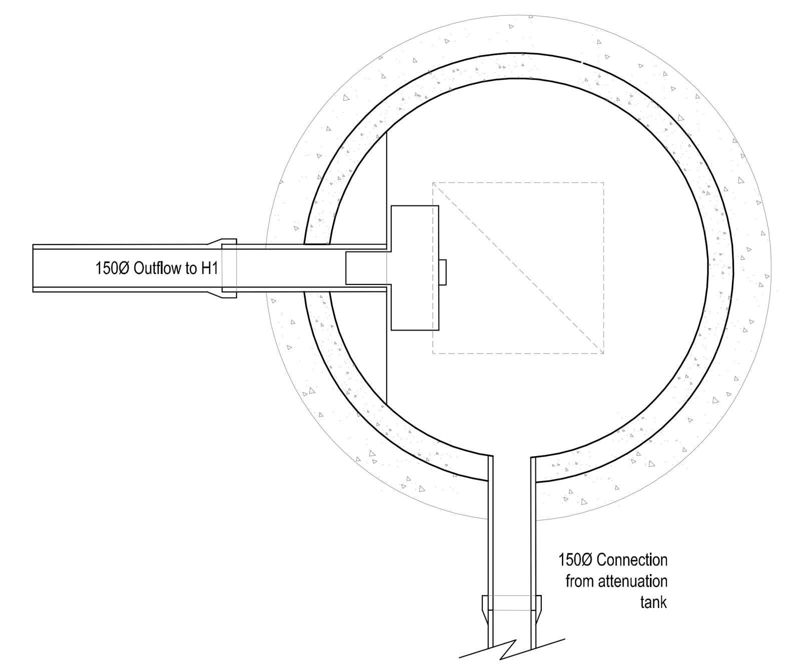
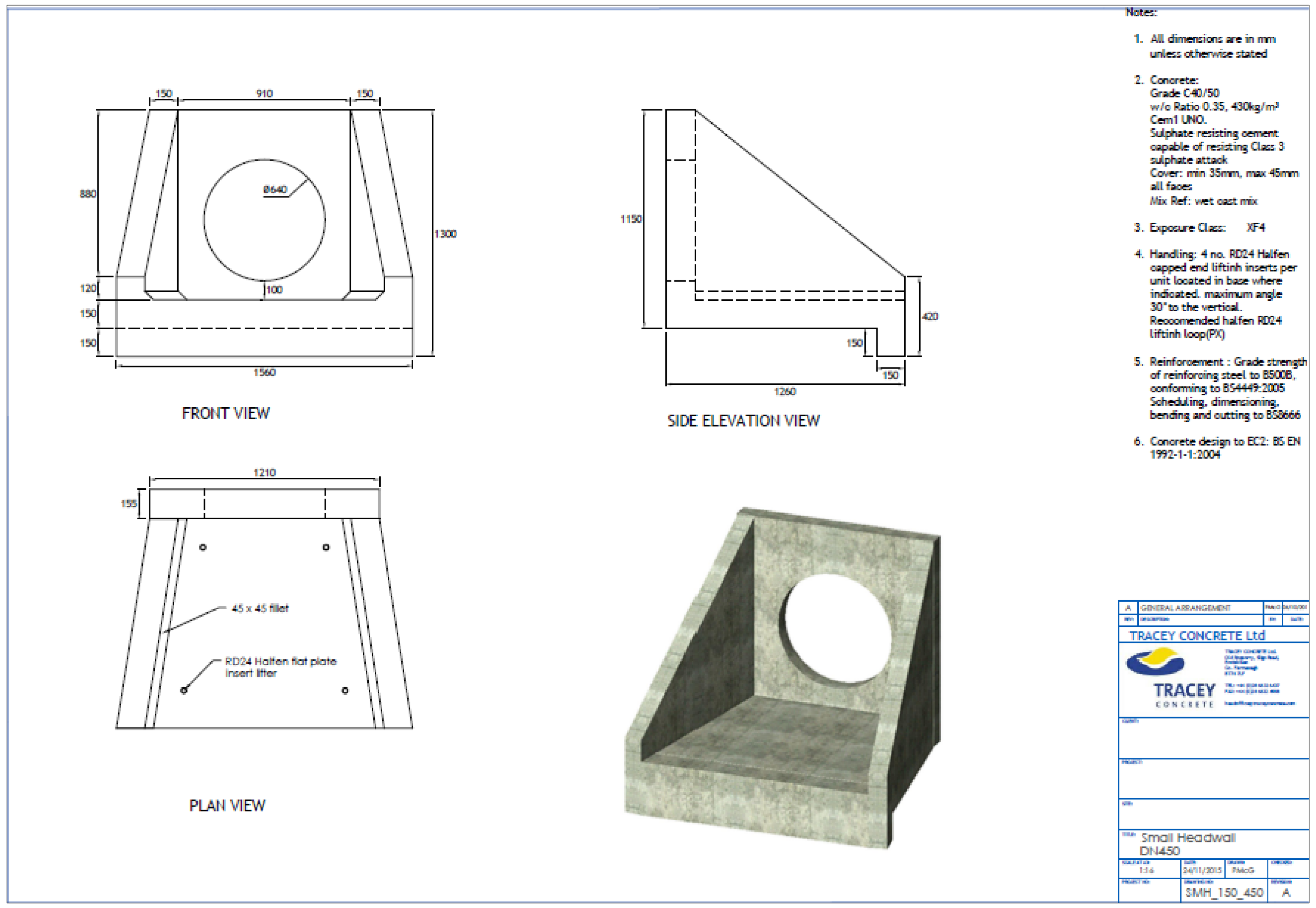


Section Through Hydrobrake Chamber HB1



Plan on Hydrobrake Chamber HB1

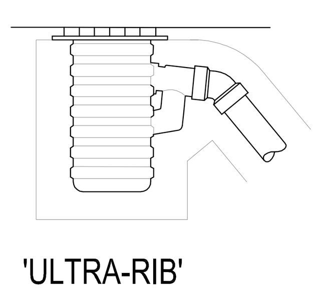
Hydro-Brake Manhole Details



Headwall Details: NTS

Tracey Concrete Standard Small Hheadwall Detail Drg No SMH_150_450

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.



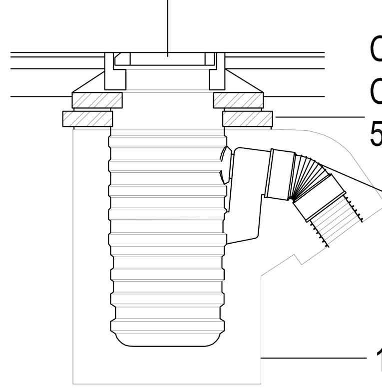
'ULTRA-RIB' Yard Gully

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

150mm thick grade GEN 3 concrete surround



'ULTRA-RIB' Road Gully

Gully Details

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

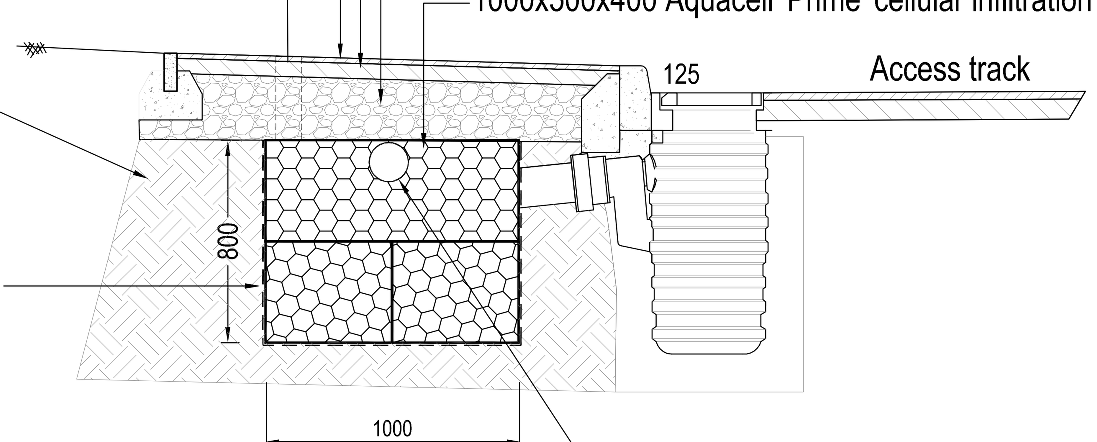
1000x500x400 Aquacell 'Prime' cellular infiltration units.

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.

Proprietary inspection access sited at 25 metre intervals

Suitable 300g woven permeable geotextile suitability 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)



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

Access Track Details AquaCell Drainage Details

Rev.	Date	Details	Initials
D	27.04.20	Tracey headwall details added.	KN
C	24.02.20	Hydro Brake manhole detail and headwall note added	KN
B	13.08.19	Aquacell overflow pipe connection added	KN
A	30.07.19	First Issue	KN

Drawing Status
CONSTRUCTION

Project
CINDERS NURSERY
YAPTON

Client
Crayfern HOMES

KAZYS NARBUTAS CONSULTING
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Unit 2B, Tanners Court, Tanners Lane, East Wellow, Romsey, Hants. SO51 6DP
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Drawing Title
Engineering Details
Standard Construction Details

Drawn	Checked	Scales	Paper Size	Date
KN		1:25	A1	07.19

Job No.	Drawing No.	Revision
KNC1826	501-04	D

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Dimensions should be checked and verified on site and any discrepancies should be reported to Kazys Narbutas Consulting as soon as possible.

ARUN DISTRICT COUNCIL Y/64/20/DOC