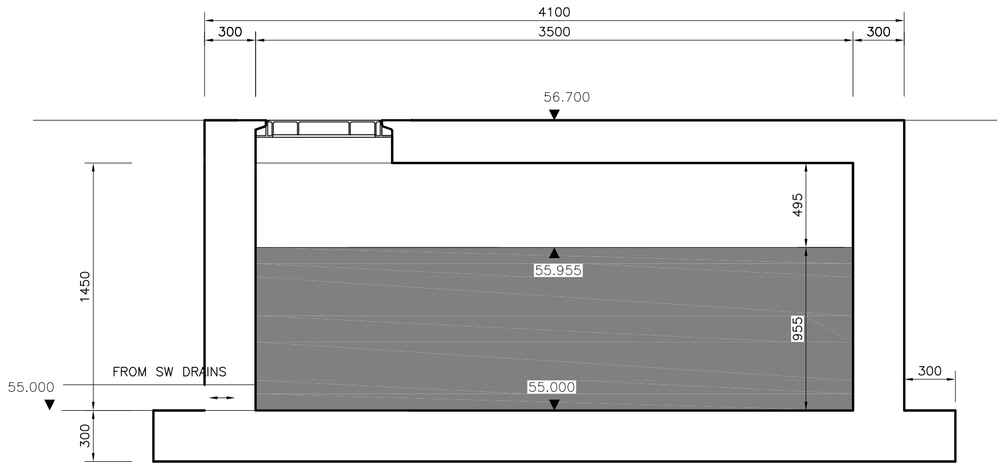
NOTES:
OBA CONSULTING CIVIL & STRUCTURAL ENGINEERS
THIS DRAWING AND ALL DESIGN HEREON IS THE COPYRIGHT OF THE CONSULTANTS AND MUST NOT BE REPRODUCED WITHOUT THEIR WRITTEN CONSENT.

ALL DRAWINGS REMAIN THE PROPERTY OF THE CONSULTANTS.

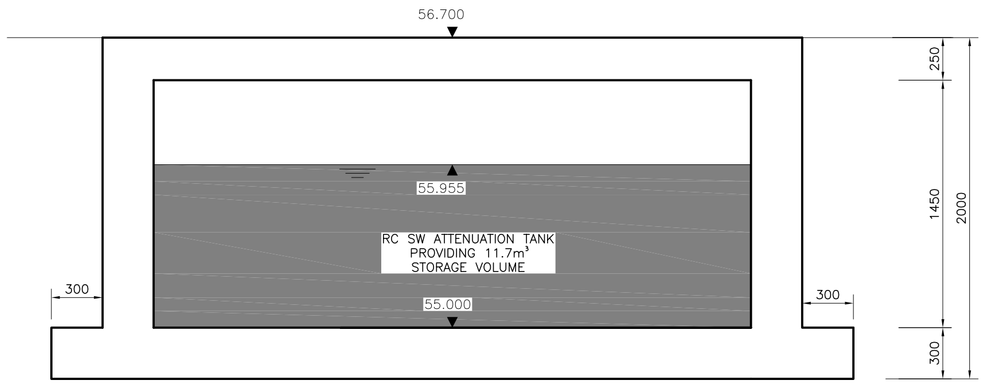
FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
DO NOT SCALE.
ALL DIMENSIONS TO BE CHECKED ON SITE.

CONSULTANTS TO BE INFORMED OF ANY DISCREPANCIES BEFORE WORK COMMENCES



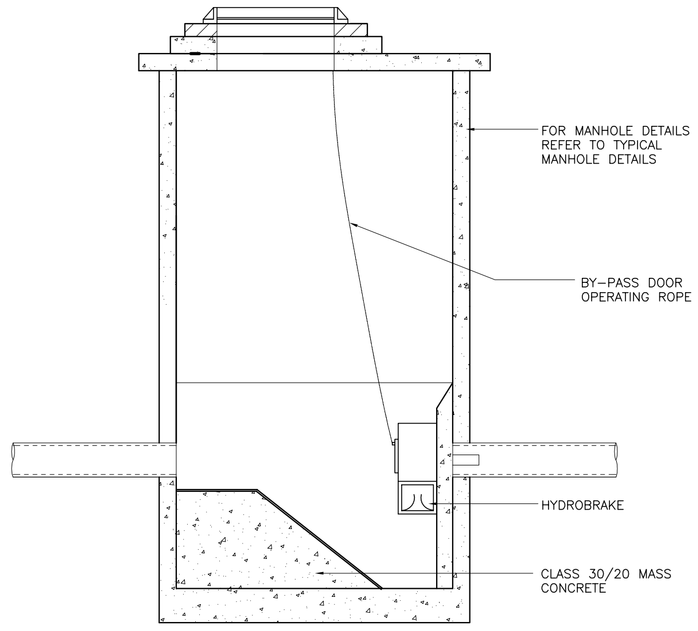
SECTION A-A

SCALE 1:25



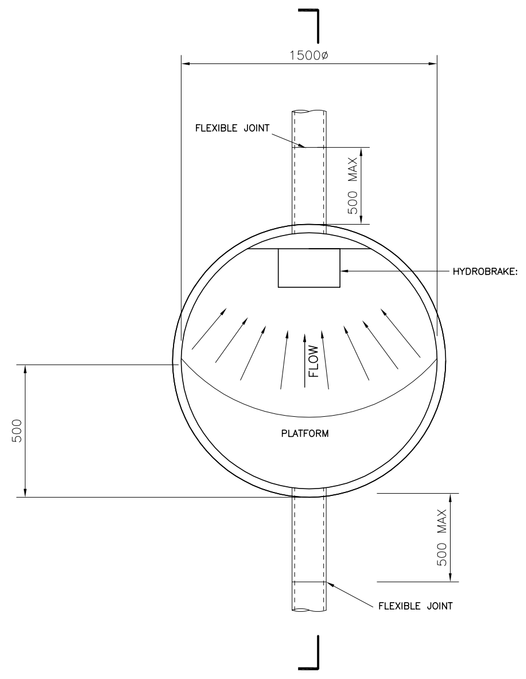
SECTION B-B

SCALE 1:25



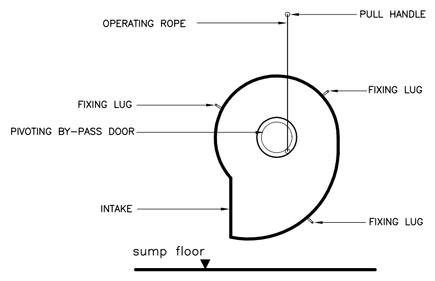
SECTION THRU
HYDROBRAKE MANHOLE

SCALE 1:25

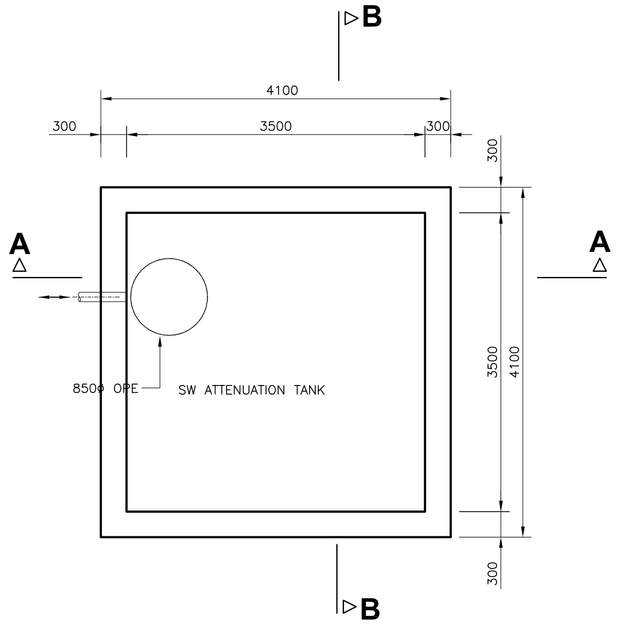


PLAN ON HYDROBRAKE
MANHOLE

SCALE 1:25

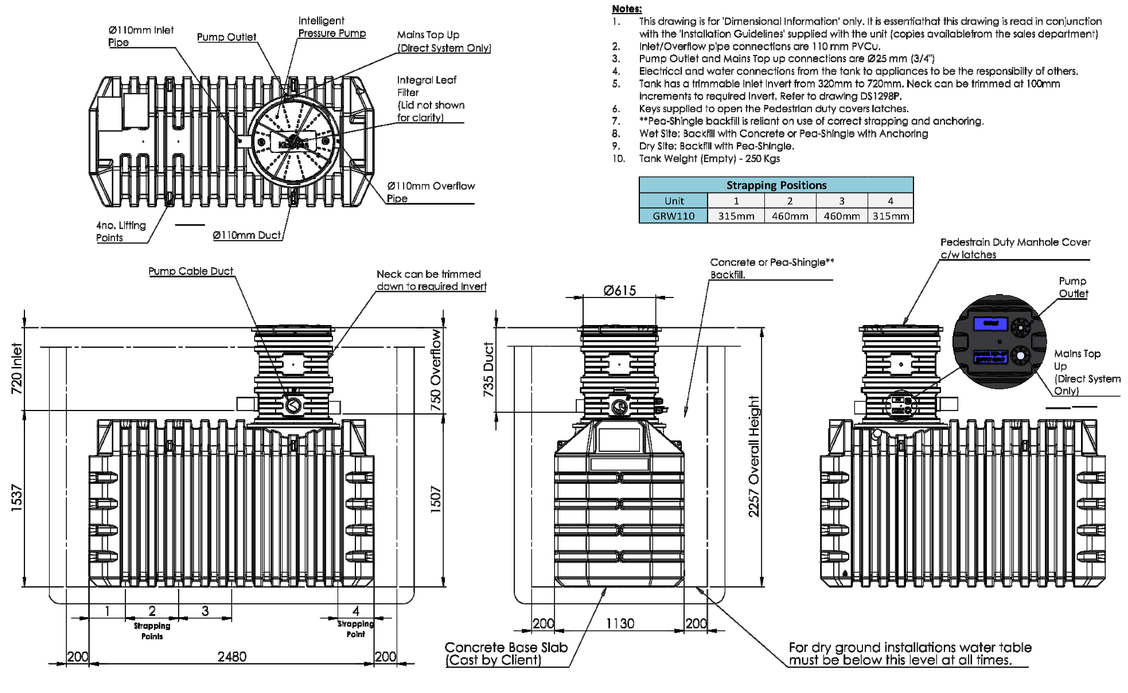


FRONT VIEW OF HYDROBRAKE SHOWING CORRECT ORIENTATION



SURFACE WATER ATTENUATION TANK

SCALE 1:50



Notes:
1. This drawing is for 'Dimensional Information' only. It is essentialthat this drawing is read in conjunction with the 'Installation Guidelines' supplied with the unit (copies availablefrom the sales department)
2. Inlet/Overflow pipe connections are 110 mm PVCu.
3. Pump Outlet and Mains Top up connections are Ø25 mm (3/4")
4. Electrical and water connections from the tank to appliances to be the responsibility of others.
5. Tank has a trimmable inlet invert from 320mm to 720mm. Neck can be trimmed at 100mm increments to required invert. Refer to drawing DS1289P.
6. Keys supplied to open the Pedestrian duty covers latches.
7. **Pea-Shingle backfill is reliant on use of correct strapping and anchoring.
8. Wet Site: Backfill with Concrete or Pea-Shingle with Anchoring
9. Dry Site: Backfill with Pea-Shingle.
10. Tank Weight (Empty) - 250 Kgs

Strapping Positions				
Unit	1	2	3	4
GRW110	315mm	460mm	460mm	315mm

GRW110 GAMMA RWH DETAILS

(NOT TO SCALE)

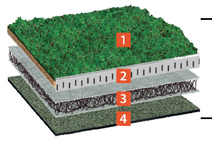
BAUDER
making roofs secure.

SYSTEM SUMMARY — **BauderGREEN XF301 lightweight sedum system**

Revision: October 2022 V3

Sedum Blanket Solution

BauderGREEN XF301 lightweight sedum system is an ultra-light weight green roof solution. Typically used on roofs where heavier substrate solutions are not an option. On roofs laid to a fall of <2° the product can be laid directly onto the waterproofing. When laid on flat roofs (below 2°) an additional drainage mat BauderGREEN SDF mat is fitted (layer 3 below). BauderGREEN XF301 also contains a moisture mat which retains up to 5 litre of water/m². The vegetation grown on the blanket is a broad mix of sedum varieties.



	Product	Description	Thickness	Weight
1	BauderGREEN XF301 sedum blanket*	A single layer sedum system, GRO compliant substrate is held within a nylon mesh with attached moisture mat. The sedum blanket is grown for circa 12 months and contains up to 17 species of sedum.	28mm	44kg/m²
2	BauderGREEN AL 40	A bespoke edge trim which retains the XF301 system and secures the system to the underlying waterproofing.	N/A	N/A
3	BauderGREEN SDF mat	Multifunctional drainage, filtration and protection layer manufactured from ultraviolet resistant nylon woven loops, which are thermally bonded to geo-textile filter fleece facings. (Only required on roofs below 2°)	20mm	1kg/m²
4	Bauder's underlying waterproofing system	Bauder's underlying waterproofing system, options for bituminous membrane, Hot Melt, Single ply or Cold applied liquid systems.	N/A	N/A
	Green Roof Build up (fully saturated, excludes the waterproofing)		**48mm**	**45kg/m²**

EXTENSIVE SEDUM GREEN ROOF

(NOT TO SCALE)

Rev	Date	Description	By	Chkd

Client
CAVAN COUNTY COUNCIL

Project Title
BELTURBET COMMUNITY & ENTERPRISE HUB.
BELTURBET, Co. CAVAN

Drawing Title
RC SW ATTENUATION TANK
PLAN, SECTIONS, RW HARVESTING TANK & SEDUM GREEN ROOF

Architect
COONEY ARCHITECTS

Scale AS SHOWN@A1 | Date JAN 2024

Drawn AM | Chkd COB

Cad File:

OBA | CONSULTING CIVIL & STRUCTURAL ENGINEERS
The School Yard
1 Grantham Street
Dublin 8, Ireland
T: (353) 01 5350084
Web: www.obaconsulting.ie
E: ciaran@obaconsulting.ie

Drawing Status
PLANNING
Job Number
99-07
Drawing No.
C02
Revision

©