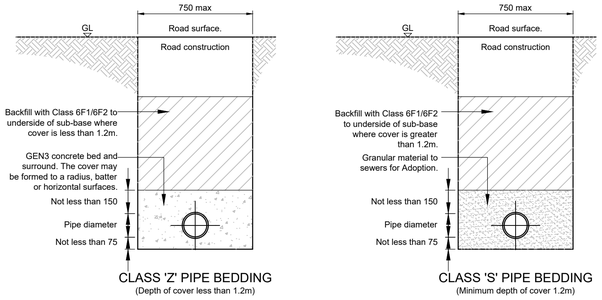
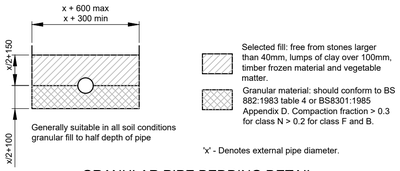


CONCRETE BED AND SURROUND TO PIPES
(Scale 1:20)

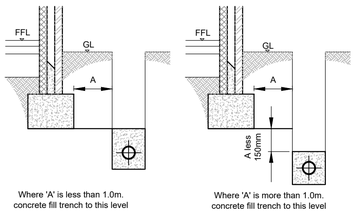
LIMITS OF COVER FOR THERMOPLASTIC PIPES IN ANY WIDTH OF TRENCH					
Nominal Size	Fields and gardens		Light traffic roads		Heavy traffic roads
	MIN	MAX	MIN	MAX	MIN MAX
100-300mm	0.6	7.0	0.9	7.0	0.9 7.0



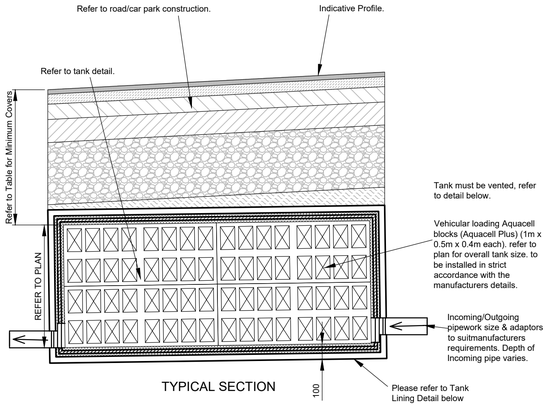
PIPE BEDDING DETAILS (UNDER HIGHWAYS)
(Scale 1:20)



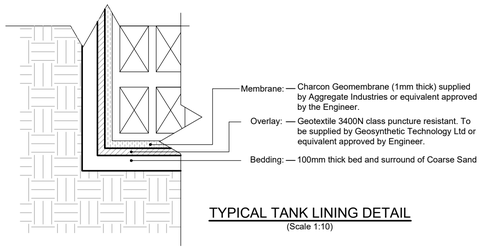
GRANULAR PIPE BEDDING DETAIL
(Scale 1:20)
Refer to Limits of Cover Table below for minimum covers.



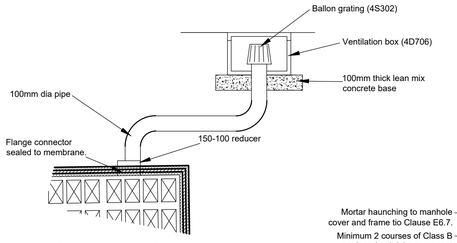
DETAIL OF PIPE RUNS NEAR BUILDINGS
(Scale 1:10)



AQUACELL SURFACE WATER STORAGE TANK
(Scale 1:20)



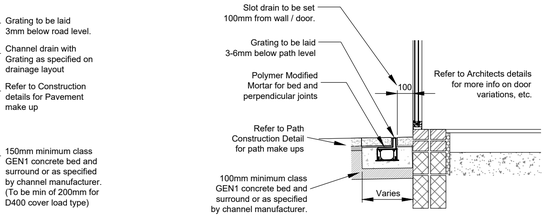
TYPICAL TANK LINING DETAIL
(Scale 1:10)



AQUACELL TANK VENT
(Scale 1:20)

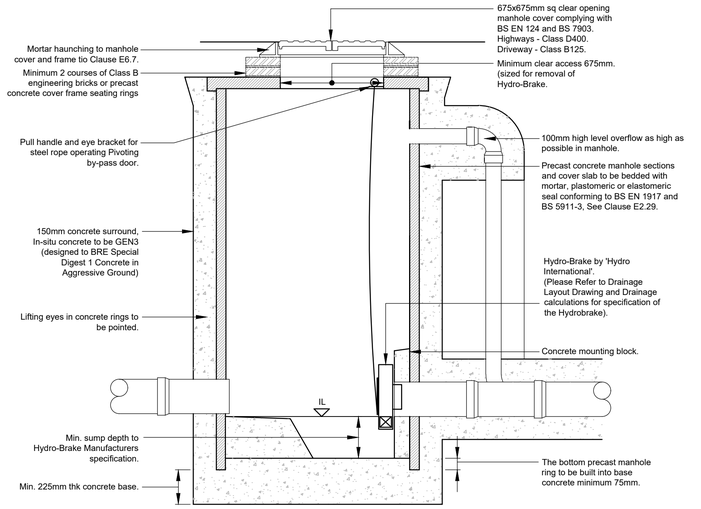
AQUACELL 'CORE-R'	
LOCATION TYPE	**MINIMUM COVER DEPTH (M)**
Landscaped / Non-Trafficked Areas	**0.50***
Car parks, vehicles up to 9000kg gross mass	**0.60**
HA/HGV Loading up to 60 tonnes	**1.11**
Maximum depth to base of unit (Landscaped)	**6.68**
Maximum depth to base of unit (Vehicle Mass upto 9 tonnes)	**6.43**
Maximum depth to base of unit (Vehicle Mass upto 44 tonnes)	**6.18**

(*) - 0.30m cover is the absolute minimum allowable under a landscaped area. However, this should be confirmed with the Engineer / Manufacturer if this lower value is going to be used.



TYPICAL CHANNEL DRAIN
(Scale 1:20)
(ACO - Asphalt Pavement)

TYPICAL THRESHOLD SLOT DRAIN
(Scale 1:20)
(ACO HexDrain Brickslot Channel - Pedestrian Loading Only)



TYPICAL HYDROBRAKE MANHOLE DETAIL
Hydrobrake chambers and Hydrobrake apparatus to be in accordance with Hydro International Stormwater's specifications
(Scale 1:20)

Notes: A1

1. This drawing is to be read in conjunction with all other WGC drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
2. WGC accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
3. Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care whilst undertaking the works.
5. All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
6. The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. WGC logos and company information must be removed from copies if information is re-used.
7. The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
8. The main contractor is responsible for dealing with all occurrences of ground water during the construction period.
9. The contractor must comply with all current legislation relating to health & safety.
10. All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any WGC drawings, the manufacturers instructions must be used.
11. All Earthworks in accordance with the Specification for Highway Works.

PRELIMINARY

Rev	Date	Revisons	Drwn	Chk
P2	28.02.23	Revised tank detail and hydrobrake added	LG	GW
P1	17.05.22	Preliminary Issue	LG	GW

WALLER GRAY CONSULTING
STRUCTURAL AND CIVIL ENGINEERS
Unit 11a, Hargreaves Business Park, Hargreaves Rd, Eastbourne, East Sussex. BN23 6QW
T: 01323 405700 E: info@wallergray.co.uk

Client:
Bridge Road Developments

Project:
Former Marquis Pub
Sompting

Drawing Title:
Drainage Details
(Sheet 2 of 2)

Scale:	Date:	Drawn:	Checked:
AS	MAY 22	LG	GW

Drawing No: WG1406/251
Rev: P2