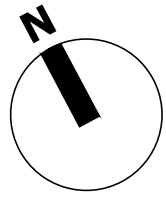


APPENDIX A COPY OF AS-BUILT DRAWINGS



- NOTES:
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KEY:	
+31.80	Proposed finished levels
+(31.80)	Interpolated existing spot levels
FFL 31.800	Proposed finished floor level
x 31.75	Existing (pre-demolition) levels
---	New drainage channel.
■	New gully.
→	Exceedance Flood Route

C04	13.05.25	BM/PT	EXCEEDANCE FLOOD ROUTE ADDED
C03	11.04.25	BM/PT	FINAL CONSTRUCTION ISSUE
C02	20.02.25	BM/PT	REPLOTTED WITH LATEST S278 LAYOUT
C01	13.11.23	BM/PT	REPLOTTED WITH LATEST SITE LAYOUT
P02	27.09.23	BM/PT	UPDATED TO LATEST SITE LAYOUT
P01	29.05.23	BM/PT	WIP ISSUE.

REV	DATE	DRAWN/CHK	REVISION INFO
STATUS:			

STAGE 5

CLIENT:
JJ RHATIGAN

PROJECT:

Crown Trading Centre
Hayes, UB3 1DU

DRAWING TITLE:
Proposed Finished Levels

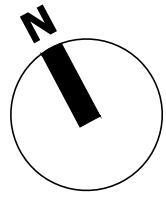
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SE1560	1:250	S5
DRAWING NUMBER:	REVISION:	
CTC-ISS-XX-XX-DR-C-923051	C04	

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Grand Union Canal

Blue hatch denotes extent of 4m wide easement where works within this area are subject to approval from the Canal & River Trust.

Drainage Notes

- This drawing is to be read in conjunction with the private and drainage construction details.
- All private drainage works to be carried out in accordance with the provisions laid down in BS EN 752 & The Building Regulations, Part H.
- Levels shown in buildings are Finished Floor Level.
- Drainage under adopted roads to be either:
a) Vitrified Clayware to BSEN295.
b) Concrete to BS 5911, Class M, Laterals to be formed of either vitrified clay or 'Extra Strength' concrete 'Class M'.
- Before commencing any Sewer or drainage works, the Developer's Groundworker must satisfy themselves, the developer and the Local Authority of actual levels and conditions of existing sewers.
- Buried concrete to satisfy the requirements of BRE Special Digest 1 as predetermined by the site's Geotechnical Report
- All abandoned, buried obstructions encountered during the construction of Highway & Drainage Works are to be broken out to the bed level of drains and sewers, and to the formation of car parks and drives etc., and to sufficient depth to allow for laying service company's mains and services.
- Depth and Location of existing services to be traced prior to any excavation.
- All private drainage to be laid to levels shown using flexibly jointed pipes, either uPVC to BS 4660 and BS 5481 or vitrified clayware to BS EN 295.
- Generally pipes to have granular Bed & Surround in accordance with manufacturers recommendations, ensuring adequate protection with respect to depth and location. Where bedding material is placed at depths susceptible to ground water ingress, it is to be wrapped in a geotextile (Terram 700 or better).
- Private precast concrete manholes and catchpits to be constructed using conc. box sections or circular rings to BS 5911-200, with 150mm conc. surround, size and construction to comply with Table 12 of Approved Document, Part H.
- Rodding eyes, etc are to be laid to manufacturers minimum cover and depth to allow adequate fall from adjoining unit.
- Access panels are to be provided to all rainwater pipes, a max. 600 above finished ground level.
- All manholes / inspection chambers in block paved areas, to have recessed covers. These are to be orientated such as to minimise cut blocks.
- All pipework to be 100mmØ (150Ø from road gullies) unless otherwise stated.
- All levels in metres (m) unless specified otherwise.
- All drain runs from Svp's, stub stacks or FW gullies to be laid at 1:40 gradient unless otherwise stated. Note: A gradient of 1:80 min is acceptable where at least one WC connects.
- Svp's, stub stacks & RWP's are shown indicative only. Refer to Architectural GA & MEP drawings for accurate locations
- House/Flat drainage to be laid prior to erection of scaffold.
- All cover and invert levels shown are in metres. All pipe diameters are in millimetres U.N.O.
- All chambers located in trafficked areas to have concrete surround as detailed on the drainage construction details
- IMPORTANT NOTE:
At depths where groundwater ingress is encountered, consider the use of a sump / pump arrangement. Additional reference should be made to the Interpretative Geotechnical Report for supplementary measures in such instances. Where excavations are >1m deep, consider the use of full perimeter trench support.
- IMPORTANT NOTE:
The new sewer connections are to be successfully made prior to commencing any upstream drainage works.

NOTES:

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KEY:

C07	11.04.24	PT	Final construction issue
C06	20.02.25	PT	REPLOTTED WITH LATEST S278 LAYOUT
C05	11.04.24	PT	4m wide CRT Easement added.
C04	06.12.23	PT	SW12,13,14 & 26 adjusted slightly to ensure they are located outside of the Canal River Trust's 4m wide consultation zone. Perforated pipework alongside adjust to suit.
C03	02.11.23	PT	ACO adjusted to Block B/C and outlet clarified. RWP relocated to Block D. SW27, FW8 & FW11 updated. SW29 added. Minor adjustments to drainage laterals serving Blocks A/D & B/C to suit latest GA plans.
C02	20.10.23	BM	DRAINAGE REVISED NEAR THE SUBSTATION
C01	13.10.23	RM	MANHOLE NUMBERS UPDATED
P02	21.09.23	RM	REVISED DRAINAGE
P01	04.09.23	BM/PT	REVISED DRAINAGE
REV	DATE	DRAWN/CHK	REVISION INFO
STATUS:			
STAGE 5			

CLIENT:
JJ RHATIGAN

PROJECT:

CROWN TRADING CENTRE
HAYES, UB3 1DU

DRAWING TITLE:
BELOW-GROUND
DRAINAGE LAYOUT

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1560	1:250	S5
DRAWING NUMBER:		REVISION:
CTC-ISS-XX-XX-DR-C-923071		C07

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Key

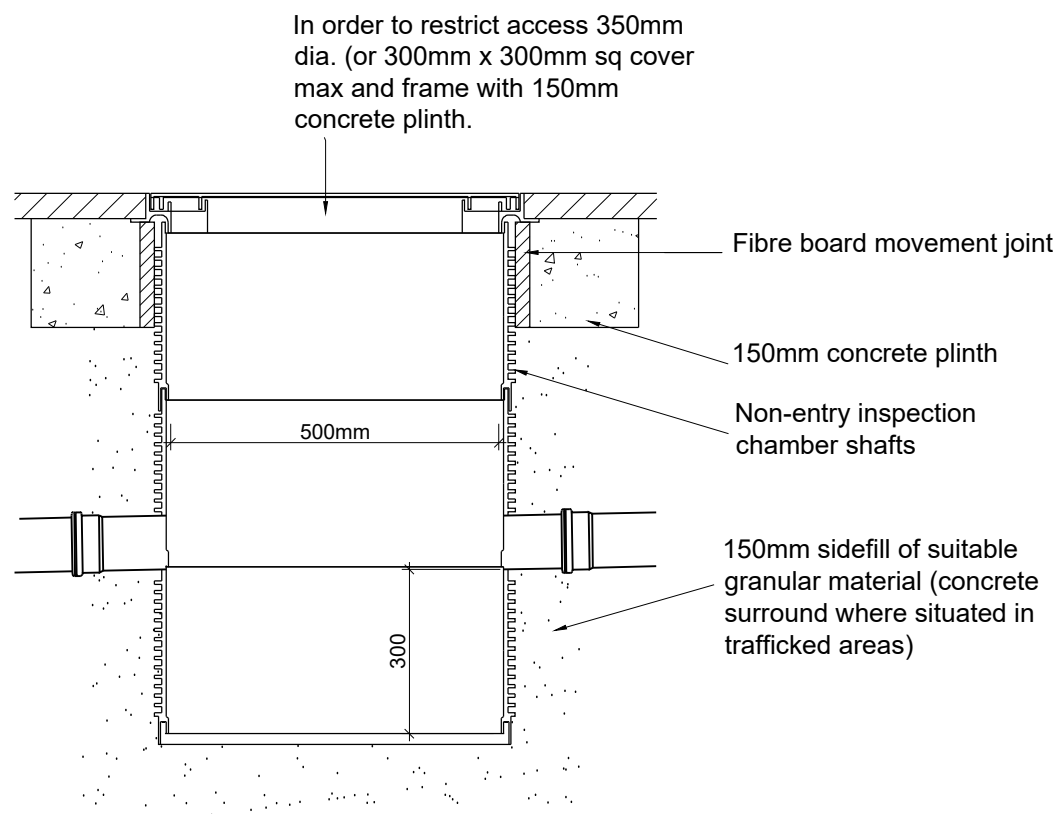
- Porous Asphalt
- Permeable block paving
- Cellular attenuation system as Hewitech Variobox. Refer to suppliers drawings and specification for installation details.
- PCC surface water catchpit
- PCC surface water flow control chamber and pipe run
- PCC foul water manhole and pipe run
- Existing public foul water sewer manhole and pipe run
- Perforated pipe collector drain within porous sub base
- ACO channel Multi drain or similar approved
- New road gully, 900 deep pot with 150 dia outlet
- New yard gully, 600 deep pot with 100 dia outlet
- Polypropylene inspection chambers 1200 deep max, 450 dia, 100 inlet / outlet connections (6 no. max), 150 inlet/outlet connections (4 no max).
- Where deeper than 1.2m, use polypropylene 'non-entry' inspection chambers (3000 deep max), 450 dia (with 300 dia, or square cover) 100 inlet / outlet connections (6 no. max), or 150 inlet/outlet connections (4 no max)
- Denotes 4500 dia upvc silt trap with 300mm nominal sump. Provide non-entry access cover where noted 'nme'
- Denotes 600 dia inspection chamber with D400 rated access cover. Provide non-entry access where noted 'nme'
- Denotes 600 dia upvc silt trap with 300mm nominal sump. Provide non-entry access cover where noted 'nme'



TABLE 11 MIN. DIMENSIONS FOR ACCESS FITTINGS AND INSPECTION CHAMBERS					
TYPE	DEPTH TO INVERT FROM COVER LEVEL (m)	INTERNAL SIZES		COVER SIZES	
		RECTANGULAR LENGTH AND WIDTH	CIRCULAR DIAMETER	RECTANGULAR LENGTH AND WIDTH	CIRCULAR DIAMETER
Rodding Eye		As drain but min 100			Same size as pipework ⁽¹⁾
Access Fittings					
small	0.6 or less, except where situated in a chamber	150x100	150	150x100 ⁽¹⁾	Same size as access fitting
large		225x100	225	225x100 ⁽¹⁾	
Inspection Chamber					
Shallow	0.6 or less	225x100	190 ⁽²⁾	-	190 ⁽¹⁾
	1.2 or less	450x450	450	Min 430x430	430
Deep	>1.2 but <3.0	450x450	450	max 300x300 ⁽³⁾	Access restricted to max 350 ⁽³⁾

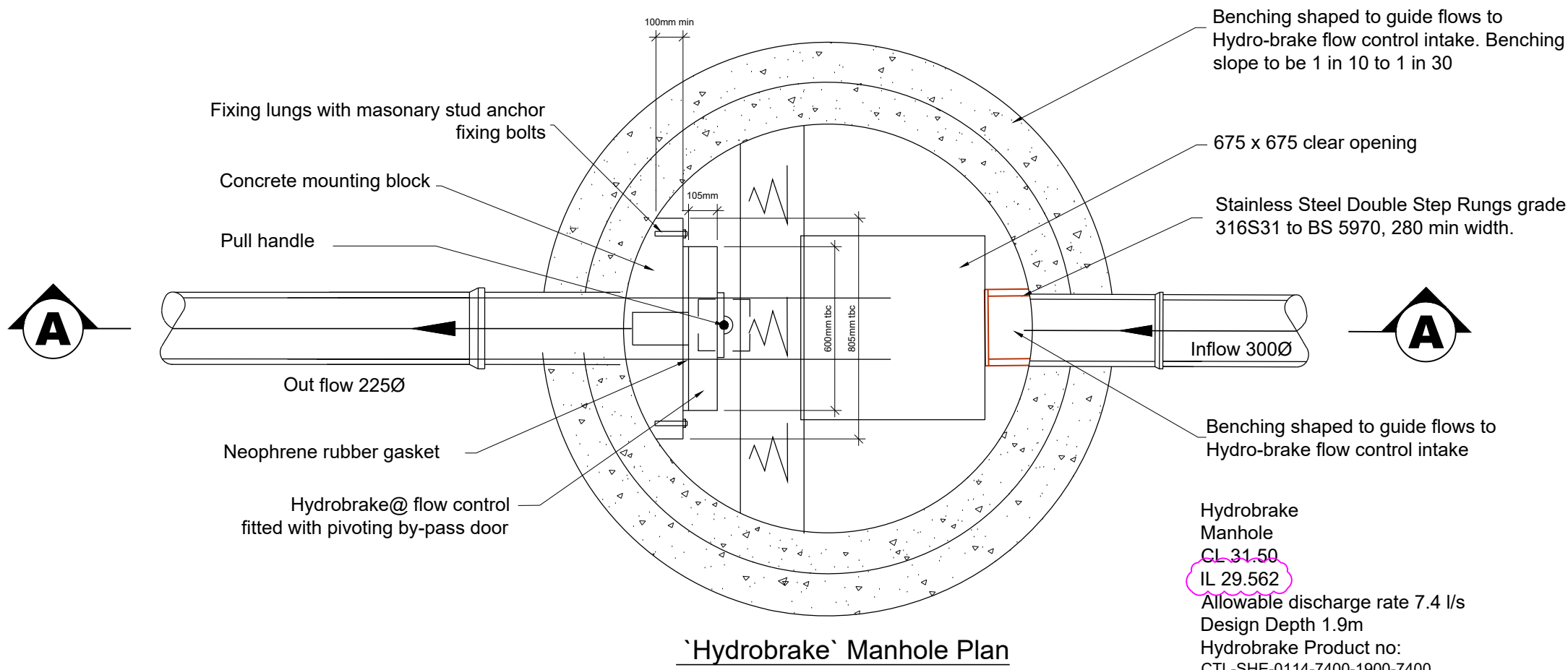
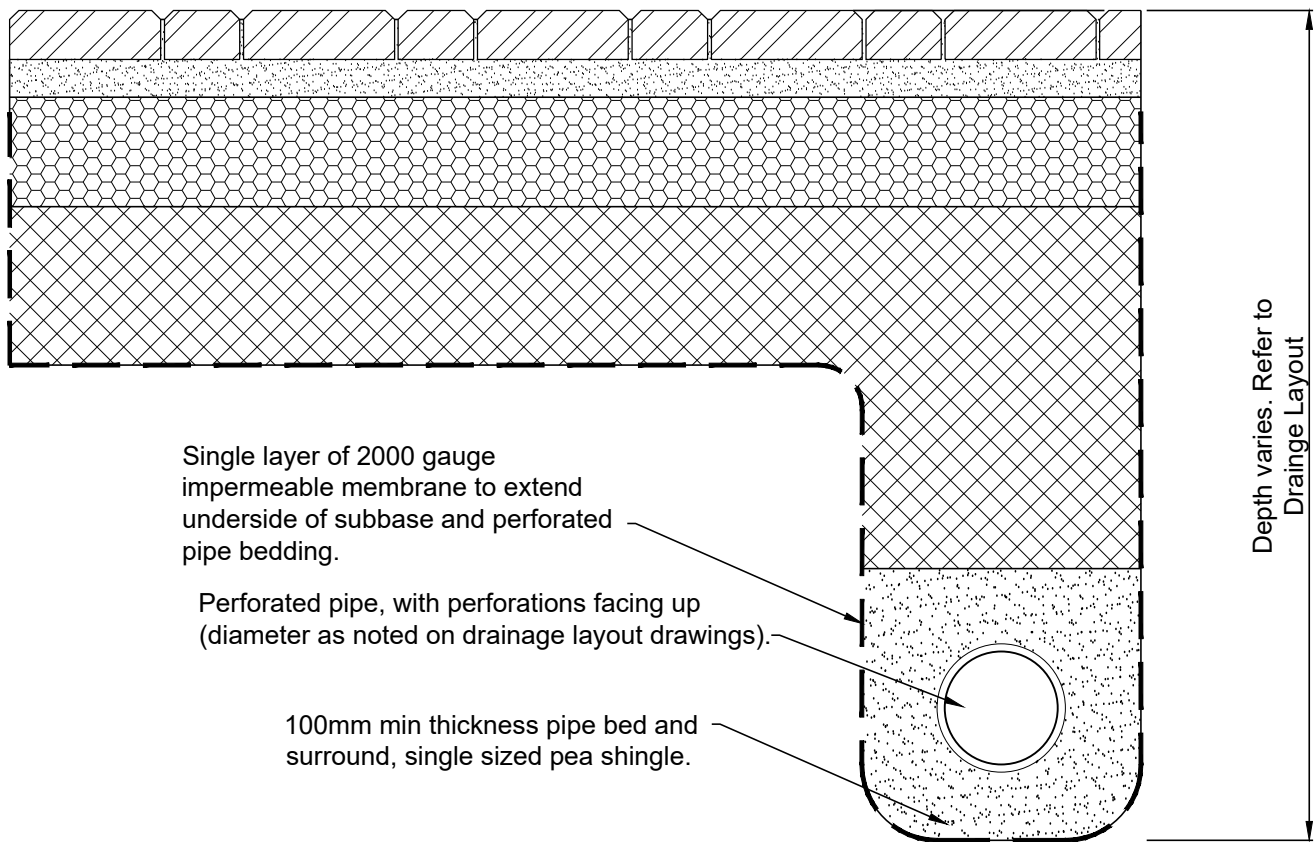
Notes:
(1) The clear opening may be reduced by 20mm in order to provide proper support for the cover and frame.
(2) Drains upto 150mm.
(3) A larger clear opening may be used in conjunction with a restricted access. The size is restricted for health and safety reasons to deter entry.

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 - FOR FULL DESIGN NOTES REFER TO IESIS DRAWING: JR006098-1SS-XX-ZZ-DR-S.

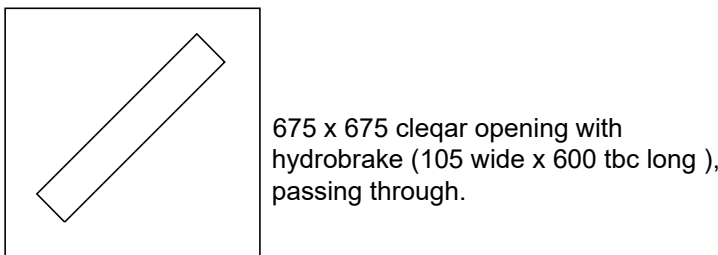


Silt Trap

For porous pavement specification, refer to construction detailed prepared by LDA.



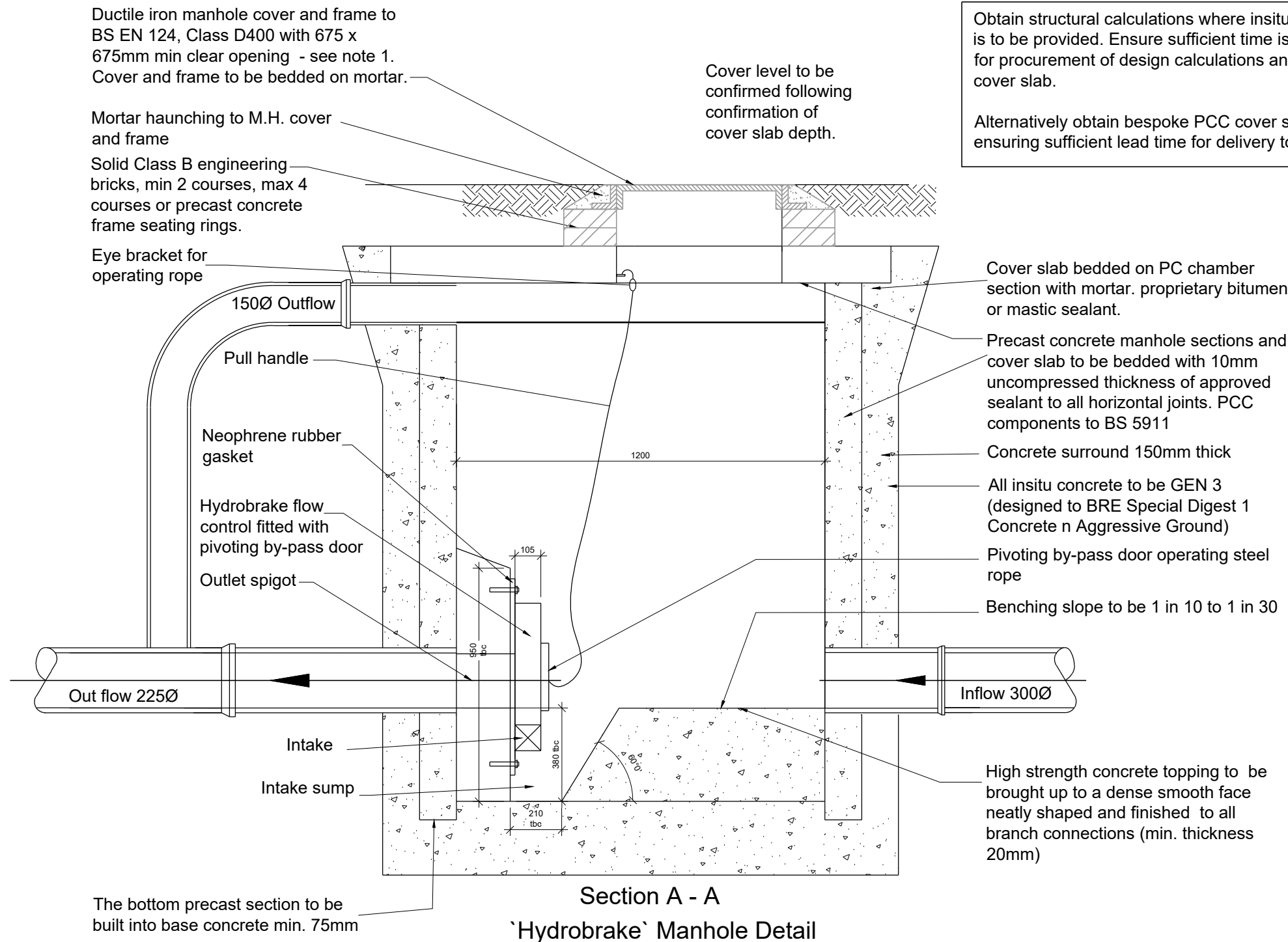
'Hydrobrake' Manhole Plan



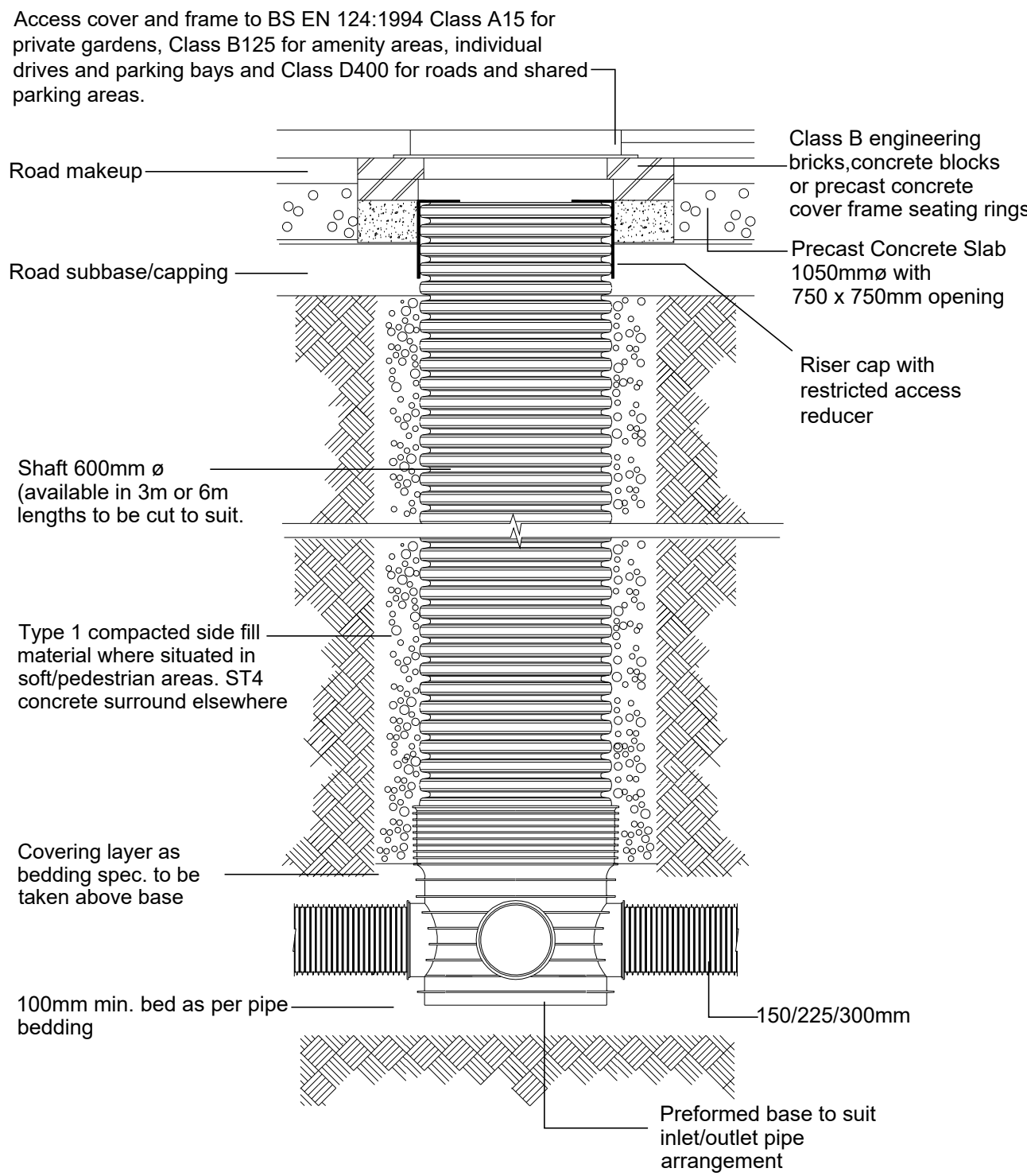
Important Note: -
1. Where hydrobrakes considered from alternative suppliers, provide Engineer with details of the flow/head relationship to allow a check to be made on the storage volume required. Flow control units have varying efficiencies and this may affect the storage volumes required.

Obtain structural calculations where insitu cover slab is to be provided. Ensure sufficient time is allocated for procurement of design calculations and curing of cover slab.

Alternatively obtain bespoke PCC cover slab, ensuring sufficient lead time for delivery to site.



Section A - A
'Hydrobrake' Manhole Detail



Polypipe 'IC600' Inspection chamber

For use in any trafficked areas (up to D400 rating) and / or where pipe diameters >150 and up to 300mm. IC600 suitable also for diameters up to and including 300mm diameter pipes.
Where noted 'R500' or 'R600' on layouts

LEGEND:

C03	11.04.25	RM/PT	FINAL CONSTRUCTION ISSUE
C02	13.12.23	RM/PT	REISSUED
C01	13.10.23	RM/PT	TITLE BLOCK UPDATED
T01	29.05.23	BM/PT	WIP ISSUE

REV	DATE	DRAWN/CHK	REVISION INFO
STATUS:			

Stage 5

CLIENT:
JJ RHATIGAN

PROJECT:
Crown Trading Centre
Hayes, UB3 1DU

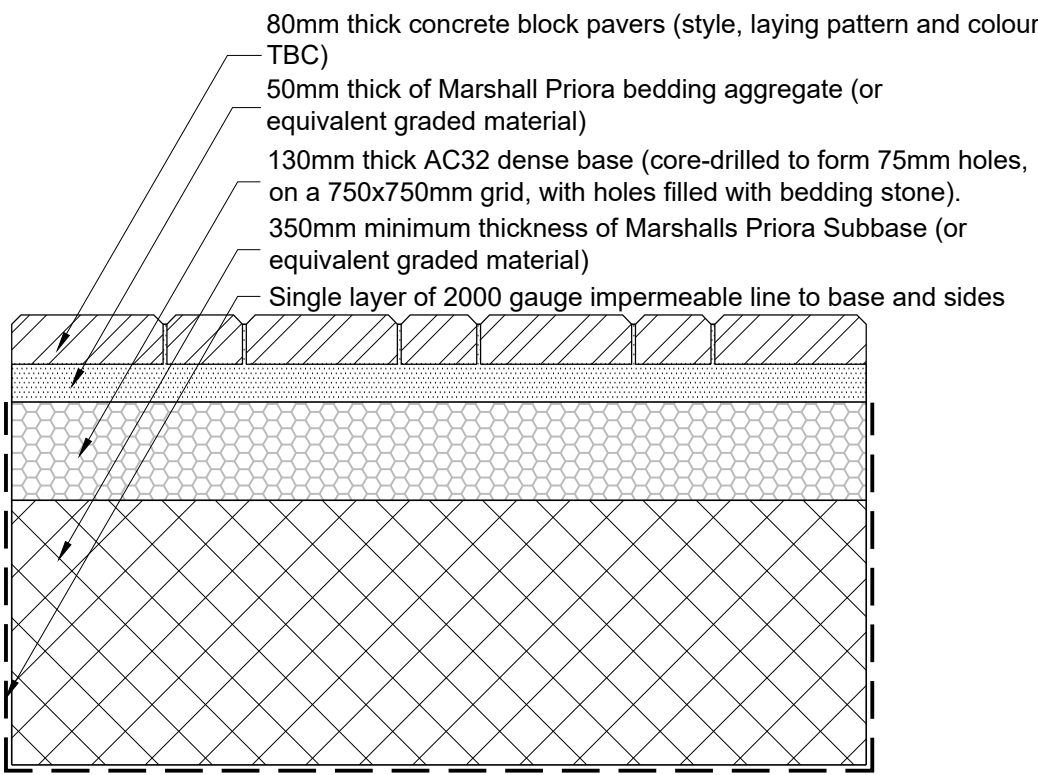
DRAWING TITLE:

Private Drainage
Construction Details Sheet 2

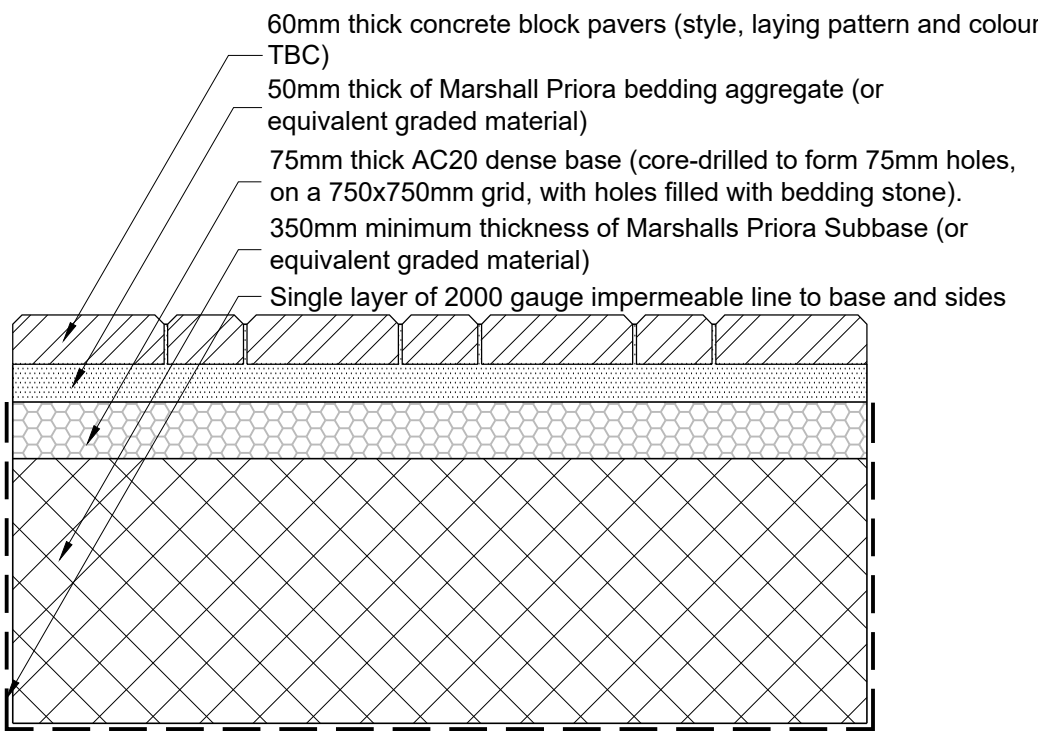
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SE1560	NTS	S5
DRAWING NUMBER:		REVISION:
CTC-ISS-XX-XX-DR-C-923172		C03

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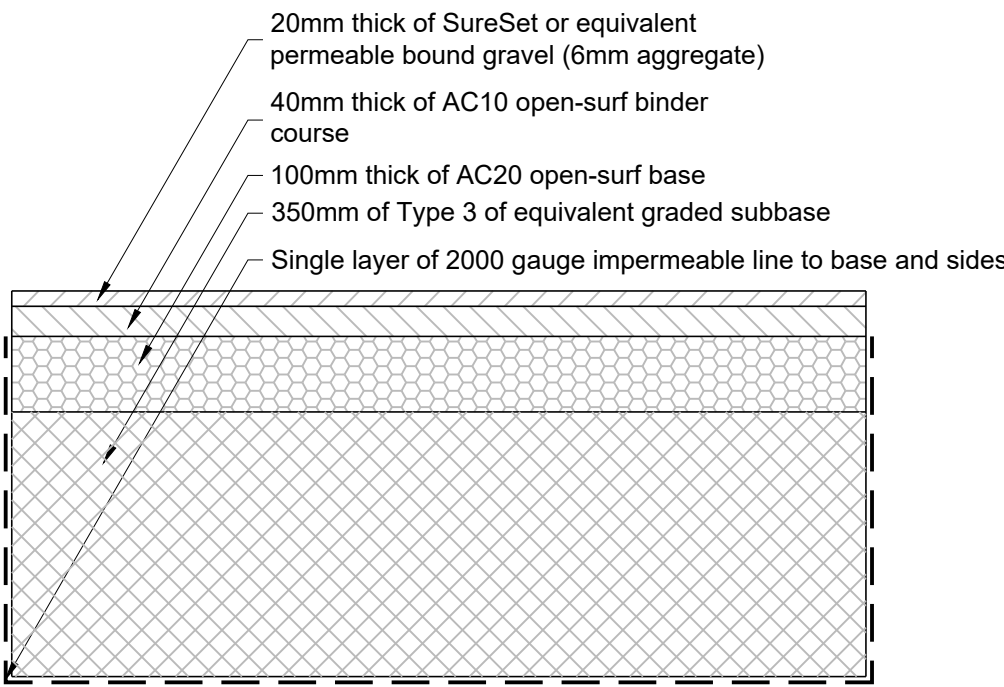
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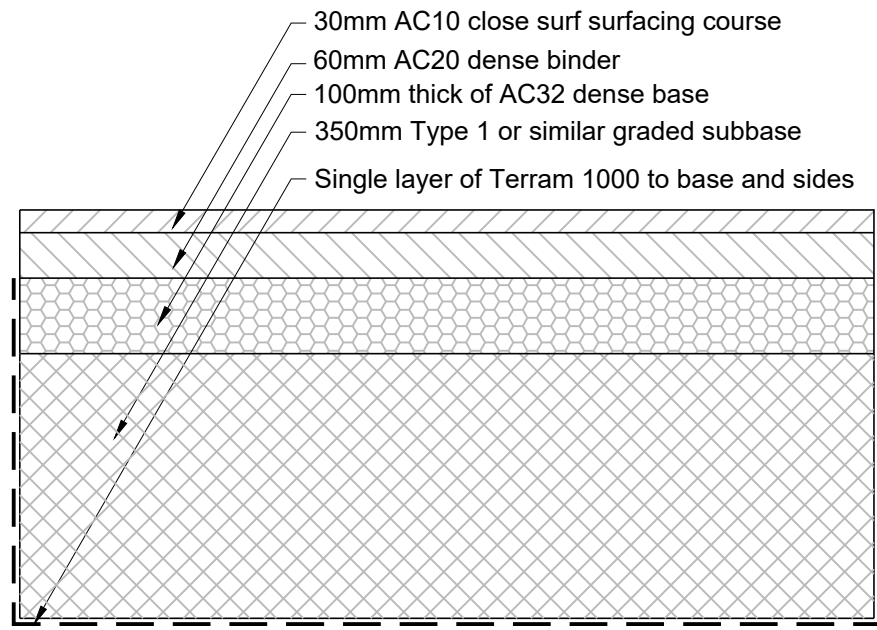
Permeable Block Paved Access Road



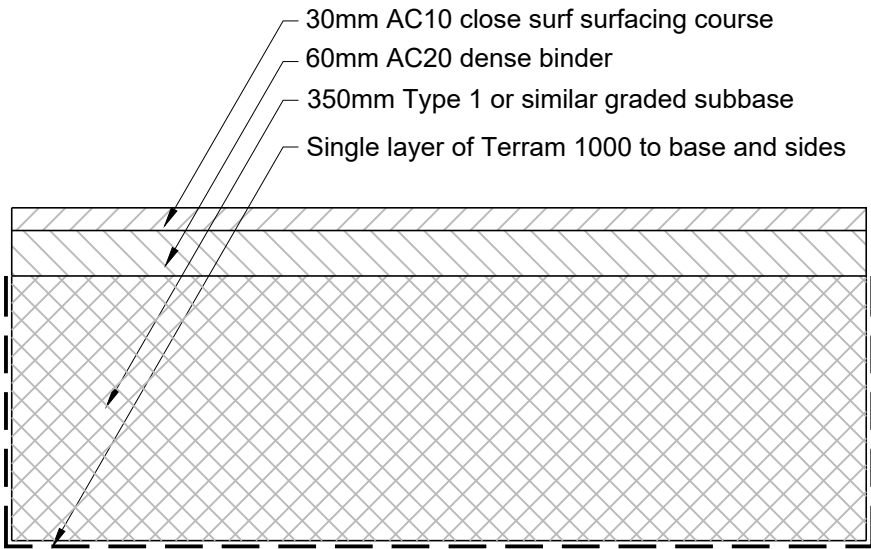
Permeable Block Paved Parking Bays



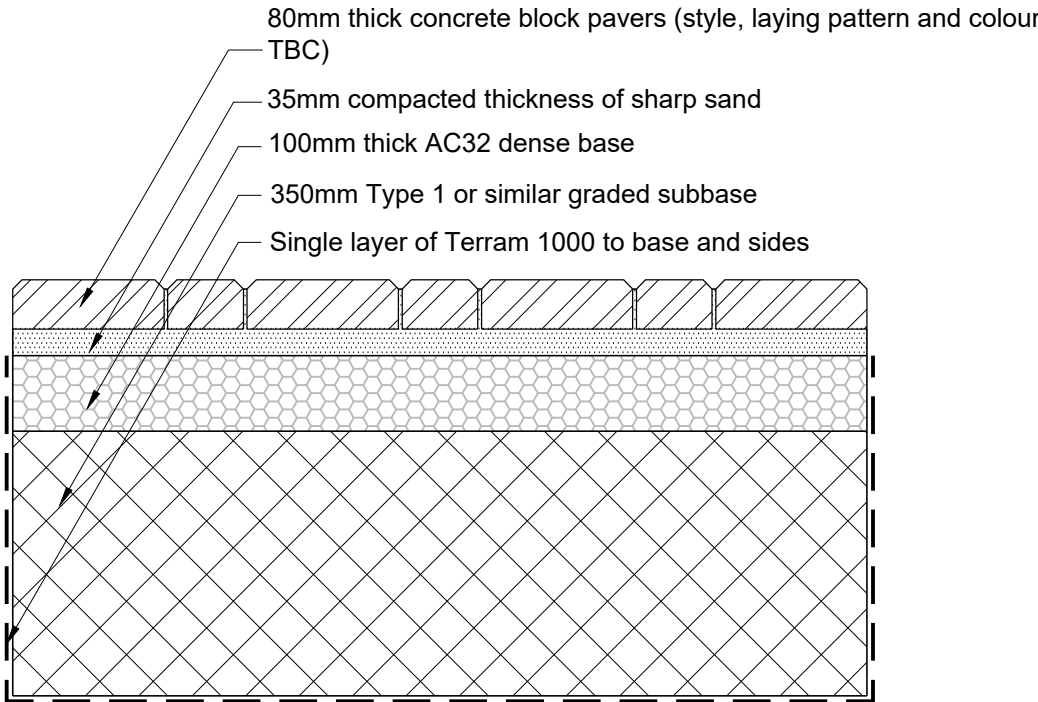
Permeable Resin Bound Gravel Parking Bays (or other lightly trafficked areas)



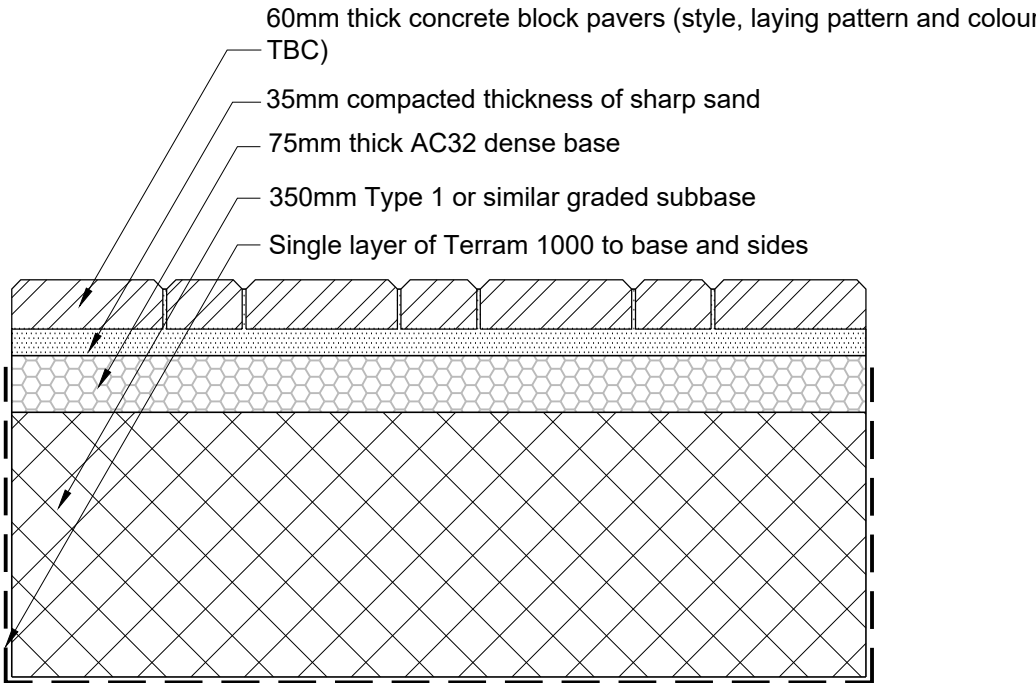
Non-Permeable Tarmac Access Road



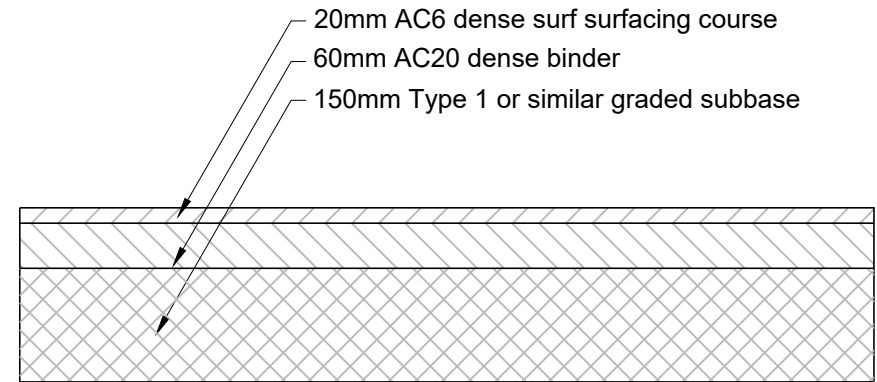
Non-Permeable Tarmac Parking Bays



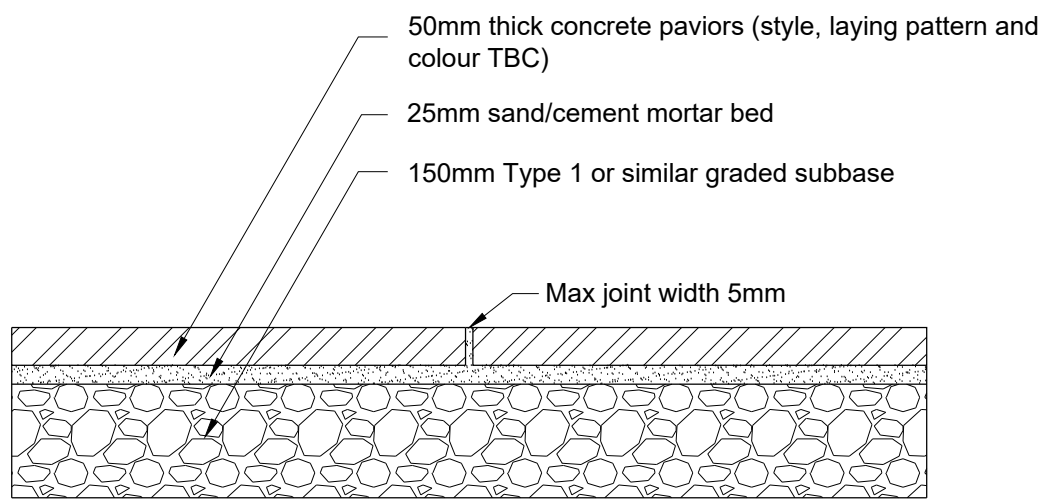
Non-Permeable Block Paved Access Road



Non-Permeable Block Paved Parking Bays



Tarmac Footway



PCC slab Paths and Patios

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KEY:

LEGEND:

P01 07.08.19 RM/PT PRELIMINARY ISSUE.
REV DATE DRAWN/CHK REVISION INFO
STATUS:

INFORMATION

CLIENT:

ENGIE

PROJECT:

Crown Trading Centre
Hayes

DRAWING TITLE:

Example of
External Surfacing
Construction Details

JOB NUMBER: SCALE AT A1: REV. STATUS:

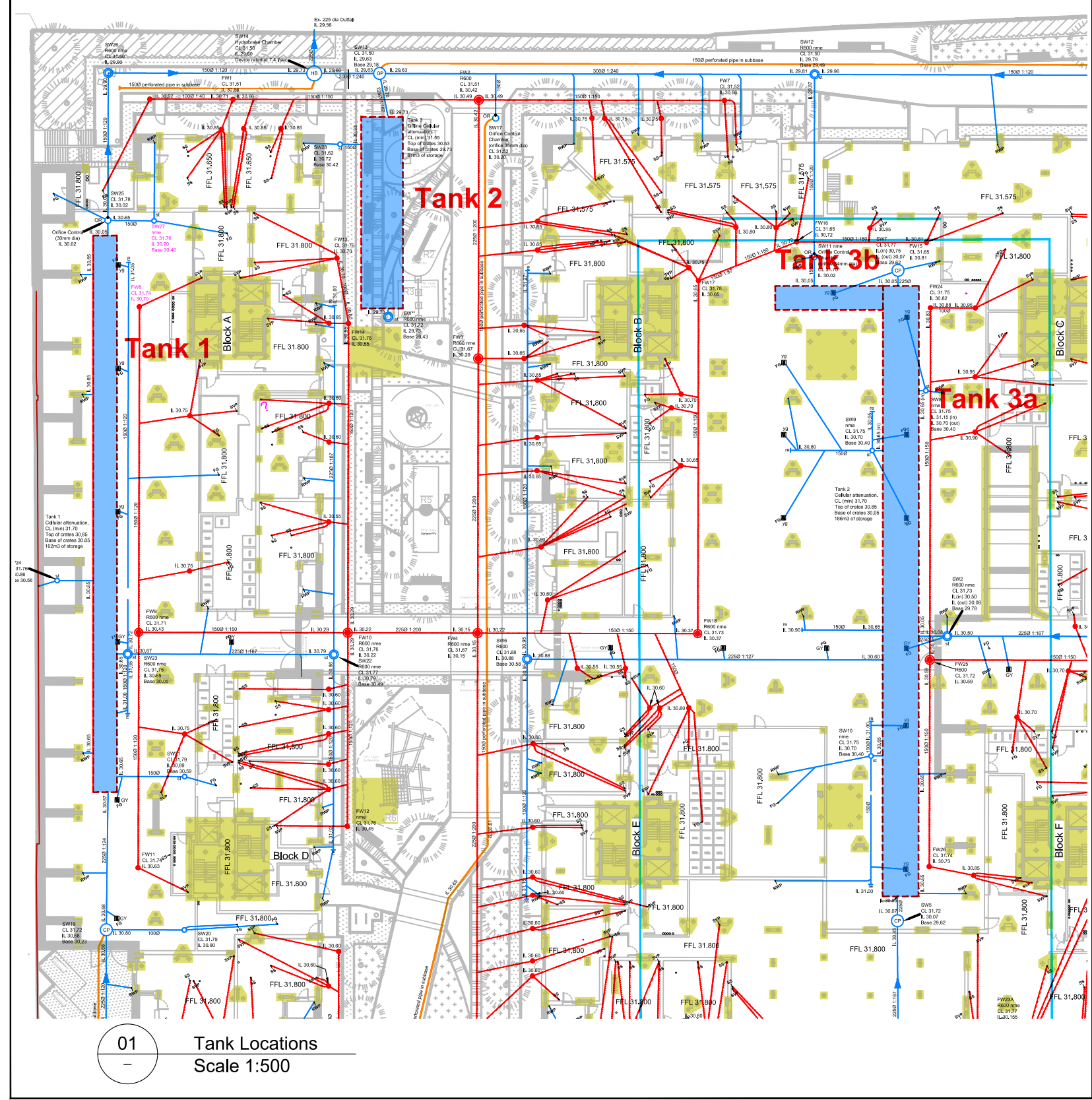
SE1560 NTS -

DRAWING NUMBER: REVISION:

SE1560-155-XX-XX-DR-C-3005 -

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IESIS STRUCTURES



Construction Sequence

Installation procedures should be carried out in accordance with the Health and Safety at Work Etc. Act (1974) and any other relevant legislation. Special attention should be paid to temporary work requirements in excavations.

Excavate to the required plan dimensions and level, ensuring that the excavation orientation will allow easy installation of connecting pipework. Consideration should be given to maintaining construction plant access for reinstating around the installed Variobox units. A minimum 300mm working space is required around the structure but 500mm is recommended for safe working practice.

Ensure that the ground bearing capacity at the formation level is sufficient for the proposed operational loads. The base of the excavation should be smooth and level, free of large stones and soft spots. Any soft spots should be excavated and replaced with suitable compacted granular material.

a) Attenuation Application

Place and compact a 100mm thick bedding layer of coarse sand. The base should be level and free of any undulations. Line the base and sides of the excavation with a 300g needle punched non-woven protective geotextile before placement of the impermeable geomembrane.

Install the geomembrane. Hewitech or the contractor seal the joints by wedge welding in accordance *Ciria 698 Site Handbook For The Construction of SUDS*, making an allowance for the connecting pipework or adapters. To ensure that the integrity of the geomembrane has been maintained, it is recommended that an inspection of the material is carried out, and welded joints are air tested in accordance with *Ciria 698 Site Handbook for the Construction of SUDS*.

If water is present, we recommend that the excavation depth is over dug by 200mm, with a base layer of 'TERRAM', overlaid by 150mm of compacted 'Type 1 road stone', topped off with a 50mm layer of pipe bedding. A sump should be excavated below the base layer of stone to allow the extraction of water via a drainage pump.

Variobox shear connectors (Detail C) are placed between all layers of Variobox units to give structural support to the tank. Sufficient Variobox clips (Detail D) are placed connecting Variobox units to maintain rigidity of the tank prior to backfilling the sides, the adjacent units being connected with two Variobox clips.

Place the Variobox shear connector into the recess at the edge of the unit, two number per unit as indicated Detail 05. Install the next layer of Variobox units, positioning the units in the upper layer so that they exactly mirror the position of the units in the lower layer. Repeat the above procedure until the necessary depth of Variobox structure has been achieved.

Pipe connections to the tank are made via flange adaptors which are attached to the Variobox units with tie wraps. A Variobox attenuation structure requires ventilation to ensure proper hydraulic performance. Consideration should be given as to how this ventilation is to be installed, generally utilising a vent pipe to the downstream manhole (Detail 01), or alternatively a vertical vent pipe (Detail 02). One 110mm vent pipe per 7500m² of drained area is recommended within *CIRIA C680 Structural Design of Modular Geocellular Drainage Tanks*.

Complete the geomembrane encapsulation of the entire Variobox structure, forming and testing joints where appropriate. Complete the geotextile protective fleece encapsulation of the Variobox structure, re-examining the geotextile for damage and joint integrity.

Contractor

Backfill around the sides of the encapsulated units, forming a thick layer of coarse sand or Class 6H selected granular material immediately adjacent to the units. Where required, remaining excavated areas around the units should be backfilled with Class 6N or 6P selected granular material, in accordance with *MCHW, Volume 1, Series 600* or similarly approved specification.

Above the wrapped Variobox units, place and lightly compact a minimum 100mm thick layer of either coarse sand or Class 6H selected granular material (with 100% passing the 5mm sieve), in accordance with *MCHW, Volume 1, Series 600*.

Final backfilling of the installation is dependent on the expected operational loads. (NB. Compaction plant over and immediately adjacent to the Variobox units shall not exceed 2300 kg/m width).

Field conditions (e.g. landscaped areas)

The backfill material that lies within 300mm above the Variobox units should be free from particles exceeding 40mm in diameter, in accordance with Class 6 material to *MCHW, Volume 1, Series 600*. Final backfilling up to finished ground level may be achieved using selected as-dug material. Backfill material should be placed and compacted in layers no greater than 300mm, or in compliance with the approved specification.

Lightly trafficked (eg restricted access car park)

Backfill with Class 1 or 2 material in accordance with *MCHW, Volume 1, Series 600*. Backfill material should be placed and compacted in layers not greater than 150mm. Where the Variobox units are installed beneath a paved area, the pavement sub-base may form part of the backfill material provided that minimum cover depths are maintained.

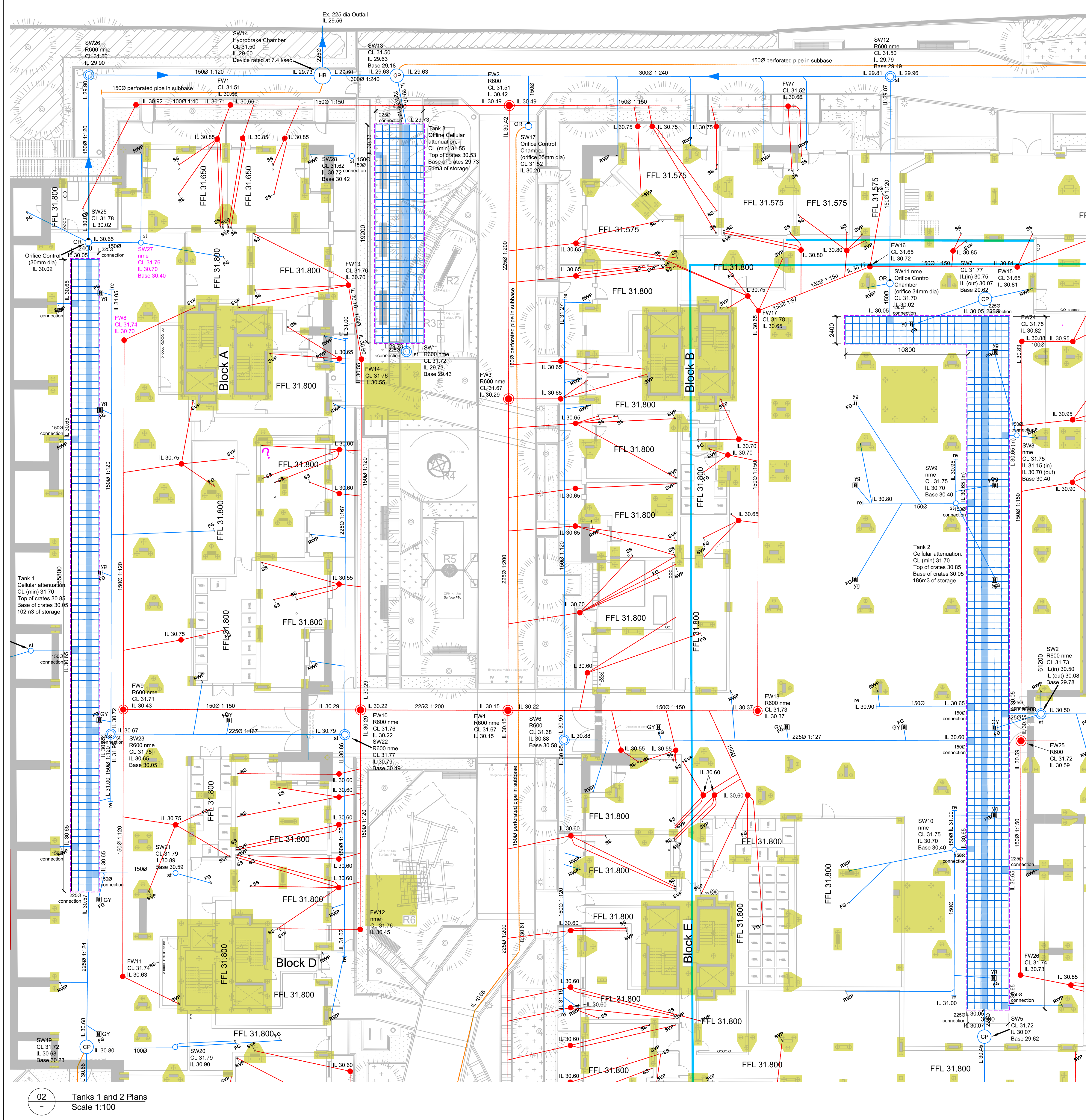
Heavily trafficked (e.g. service areas or roads)

Contact Hewitech for further information and guidance.

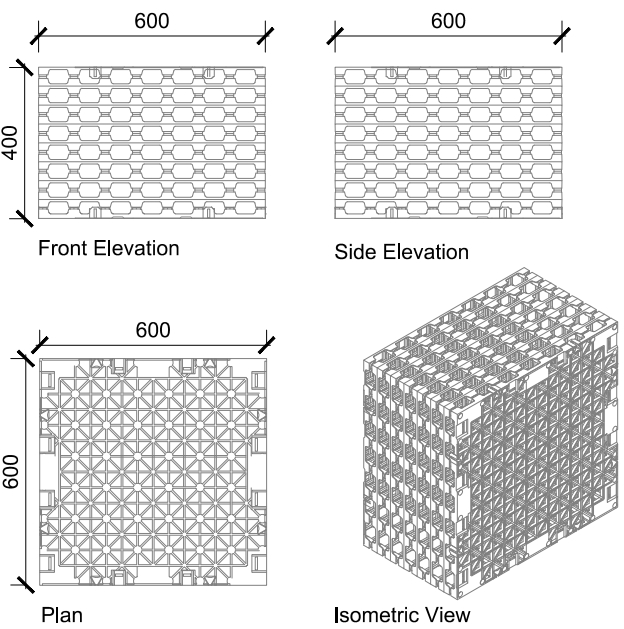
Complete pavement construction or landscaping over the Variobox system.

It should be noted that infiltration systems are not generally installed under roads due to the reduction in load bearing capacity of saturated soils. Specialist advice should be sought where this type of installation is proposed.

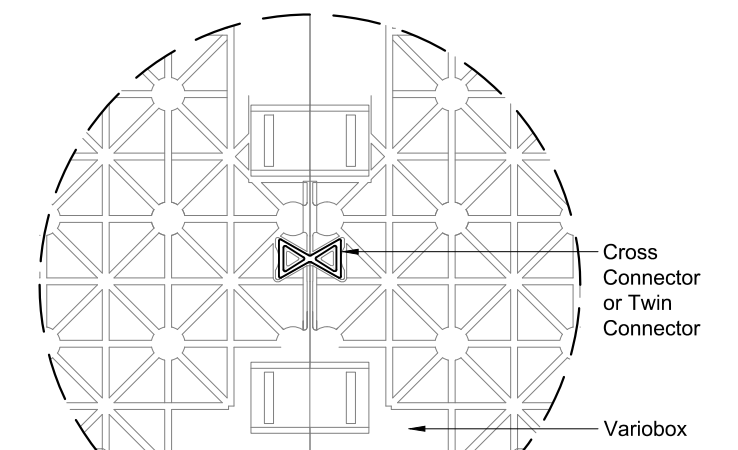
In attenuation systems, where groundwater may be present, a buoyancy check should be undertaken by a qualified engineer to ensure that the imposed overburden pressure exceeds any uplift forces generated.



NOTES
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400x600mm Variobox Plus Detail
Scale 1:20



Variobox Plus Connection Detail
Scale 1:5

D	31.11.23	ACS	
C	29.10.23	ACS	
B	18.10.23	ACS	
A	11.10.23	ACS	
REV	DATE	DRAWN	CHECK

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PROJECT
Crown Trading Centre

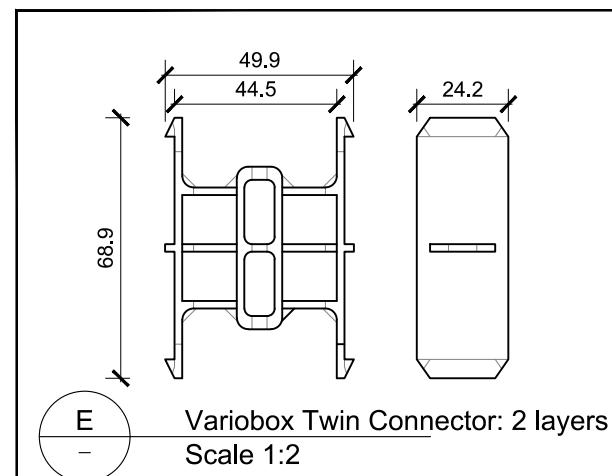
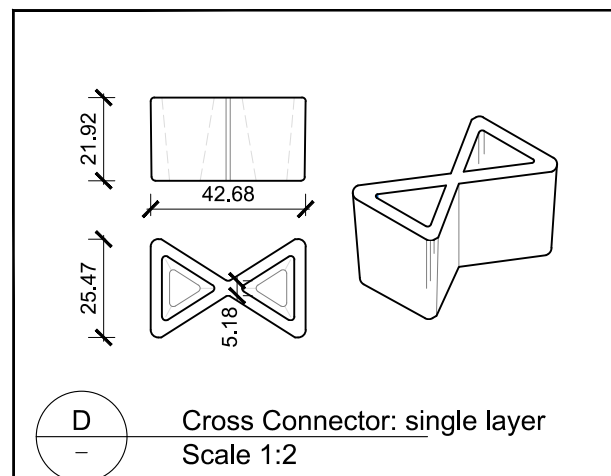
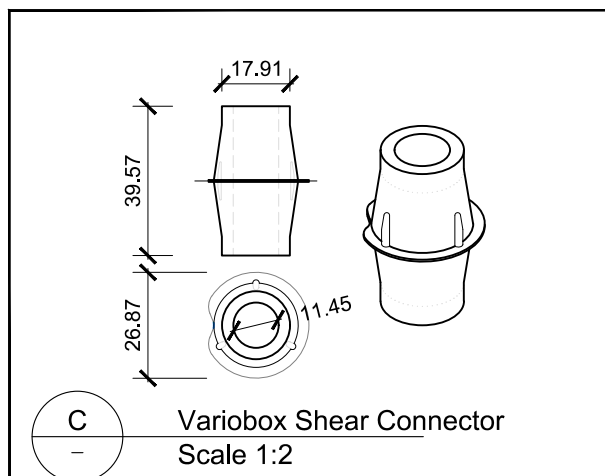
Hayes
TITLE
Attenuation Details
Tanks 1, 2 and 3

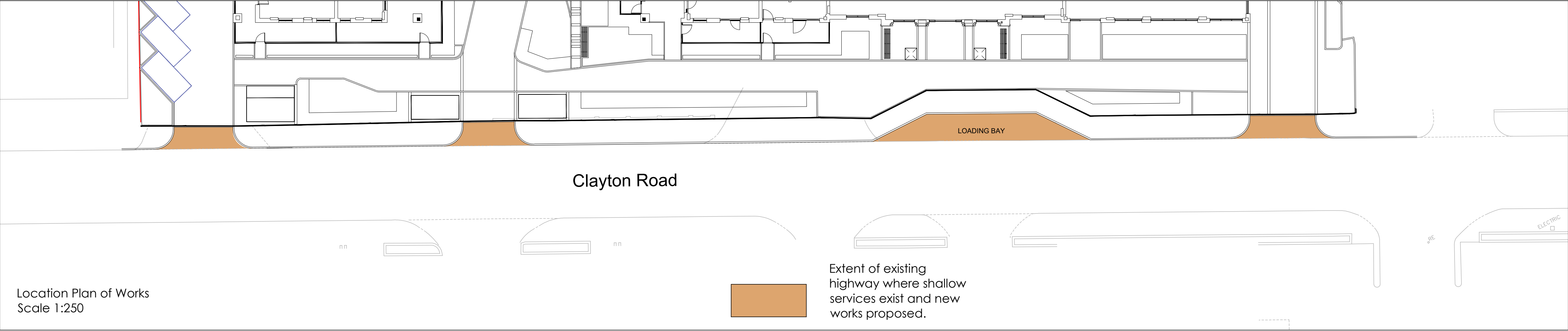
DRAWING NO
0001

SCALE (s) A1
As Shown
PROJECT NO
23-528
REV
D

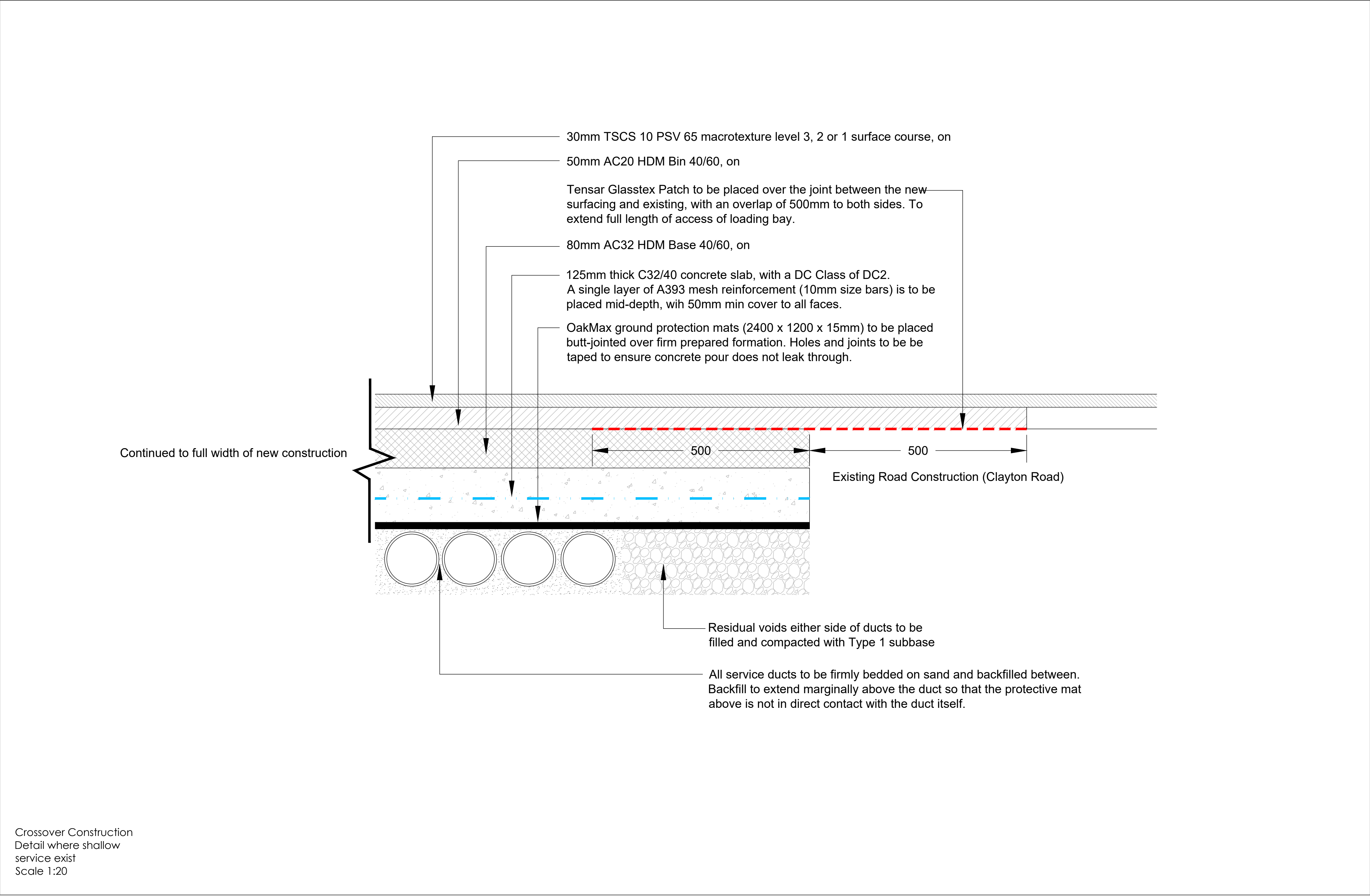
VARIOBOX TRAFFIC 400kN/m ² / 100kN/m ² CELLULAR STORAGE - ENGINEER TO CONFIRM FINAL VOLUMES										
Tank Ref	Length (m)	Width (m)	Depth (m)	Area (m ²)	Volume (m ³)	Eff. Storage (m ³)	No. Crates Long	No. Crates Wide	No. Crates High	Total No. Crates
1	55.8	2.4	0.8	133.92	107.14	101.78	93	4	2	744
3	19.2	4.2	0.8	80.64	64.51	61.29	32	7	2	448
2a	61.2	3.6	0.8	220.32	176.23	167.44	102	6	2	1224
2b	10.8	2.4	0.8	25.92	20.74	19.70	18	4	2	144
Total Size					368.62	350.21				2560

FOR CONSTRUCTION

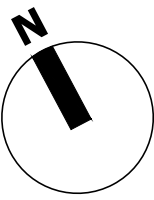




Location Plan of Works
Scale 1:250



Crossover Construction
Detail where shallow
service exist
Scale 1:20



- NOTES:
1. All works within the public highway to be carried out under the supervision of (and to the satisfaction of) Hillingdon Council's appointed Clerk of Works.
 2. All works subject to approval from affected utility companies.

IES STRUCTURES

C03	11.04.25	RM/PT	FINAL CONSTRUCTION ISSUE
C02	27.03.25	RM/PT	HIGHWAY COMMENTS ADDRESSED
C01	26.03.25	RM/PT	FOR APPROVAL
REV	DATE	DRAWN/CHK	REVISION INFO
STATUS:			
Stage 5			
CLIENT:			
JJ RHATIGAN			
PROJECT:			
Crown Trading Centre Hayes, UB3 1DU			
DRAWING TITLE:			
S278 Works Crossover Detail Where Shallow Services Exist			
JOB NUMBER:		SCALE AT A1:	REV. STATUS:
SE1560		As Shown @A1	S4
DRAWING NUMBER:		REVISION:	
CTC-ISS-XX-XX-DR-C-923025		C03	
LONDON	20 IRONMONGER LANE LONDON EC2V 8EP UK T: +44 (0)207 600 2912		
BRISTOL	89-95 REDCLIFFE STREET BRISTOL BS1 6LU UK T: +44 (0)117 922 7039		
MANCHESTER	COMMERCIAL WHARF 6 COMMERCIAL STREET MANCHESTER, M15 4PZ UK T: +44 (0)845 643 2741		
www.iesigroup.com			

APPENDIX B DELIVERY TICKETS FOR PAVING WORKS

5

7476

107028

ABG

Deliver To:
AN Construction Solution Ltd
Elvis 07939 589133
JJ Rhatigan Site
Crown Trading Centre, Clayton Rd
Hayes, UB3 1DU
Great Britain

Invoice To:
Axter Ltd
Ollie Mann
Harbour Landing, Fox's Marina
The Strand
Wherstead, Suffolk IP2 8NJ
Great Britain

ABG Ltd
E7, Meltham Mills Road
Meltham
Holmfirth, West Yorkshire HD9 4DS
Great Britain

Purchase Order Number
11626

Opportunity
Crown Trading Estate

Shipment Date
12 February 2025

ABG Sales Contact
Matt Gledhill -
07355 094352

Description

Quantity

Unit of Measure

Terrex NW20 - 1.05m x 100m - 11 rolls

1,155

Sqm

ABG Deckdrain 400SXD/NW8 - 1.1m x 50m - 31 rolls

1,650

Sqm

20 rolls.

Signed:	<i>Petrisor</i>
Print Name:	PETRISOR Bogobila
Date:	

The above is subject to ABG's standard terms and conditions of sale, *see back of invoice*

Signed, dated



CONVEYANCE NOTE / DUTY OF CARE CONTROLLED WASTE TRANSFER NOTE
 Weights and Measures Act 1985 Control of Pollution Act 1990
 Waste Carriers Licence No. CBDU205876 Issued by Environment Agency

<u>LOADED AT</u> Tyttenhanger Quarry North Orbital Road St Albans AL4 0RY	<u>CUSTOMER ORDER NUMBER</u> 1358903 <u>SALES ORDER NUMBER</u> 61409	<u>DATE OF DELIVERY</u> Jan 31 2025 <u>SIC CODE:</u> 43120 <u>OR OTHER:</u>
<u>DELIVERY ADDRESS</u> A N CONSTRUCTION SOLUTION LTD Crown Trading Centre Clayton Road Hayes UB3 1DU	<u>ACCOUNT REFERENCE</u> GRS (Roadstone) Ltd	<u>CUSTOMER DETAILS</u> Unit 10, Goldsmith Way Eliot Business Park Nuneaton Warwickshire CV10 7RJ

QUANTITY

14.00

MATERIAL / WASTE

Haulage Of Materials, Haulage-PB, Per Bag
 HAULAGE - 20/40MM SINGLE SIZED GRAVEL

<u>VEHICLE REGISTRATION:</u> GK22PXH	<u>CUSTOMER AT DELIVERY ADDRESS:</u> I confirm that the above is an accurate description of the material / waste transferred and any waiting time. When ordering vehicles off the public road we do so entirely on our own responsibility. We accept responsibility for any damage caused by Springbridge Direct Ltd vehicles whilst on our site. All topsoil supplied must be used in accordance with RPS190. DATE & TIME: 31/01/2025 10:44:41 <u>RECEIVED ON BEHALF OF SITE OPERATOR:</u> PRINT: Peter
<u>SIGNED FOR / ON BEHALF OF CUSTOMER AT COLLECTION SITE:</u> 	
DATE & TIME: 31/01/2025 09:17:14 N.B WAITING TIME WILL BE CHARGED AFTER 30 MINUTES ON SITE. Springbridge Direct Ltd. Oxford Road, Denham, Buckinghamshire, UB9 4DF Tel: 0333 456 1919 Email: sales@springbridge.co.uk www.springbridge.co.uk VAT NO. 115 1497 32	SIGN: 

INVOICE ADDRESS	
Name	GRS (ROADSTONE) LIMITED (BP)
Address	10 GOLDSMITH WAY ELIOT BUSINESS PARK
City	NUNEATON
Postcode	CV10 7RJ

COLLECTION ADDRESS	
Name	*TYTTENHANGER COLLECT TYTTENHANGER (GRS (ROADSTONE) LTD (BP))
Address	Lafarge Aggregates A414 North orbital
City	St Albans
Postcode	AL4 0RY
Email	orders@grsroadstone.co.uk

JOB DETAILS			
Job No	408315	Customer PO	1374129
Scheduled Date	24/02/25	Internal Job Ref	1374307
Run Name	KS63VMY TYT 24/02/2025 r1	Collection Instructions	

ITEM DETAILS			
Code	Description	Expected Qty	Actual Qty
GRS40GRAVBB	GRS SHINGLE - 40MM BULK BAG	14	14
TOTALS		14	14

JOB COMPLETION DETAILS			
Arrived on Site	24/02/2025 08:23	Customer Name	Peter
Job Completed at	24/02/2025 09:23	Signature	
Job Completed by	sam bealby-parker		
Despatched Pallets	0		
GRS Pallets Collected (Good Condition)	0		
GRS Pallets Collected (Damaged)	0		
Pallet Collections GRC Number			
Driver Notes			

INVOICE ADDRESS	
Name	GRS (ROADSTONE) LIMITED (BP)
Address	10 GOLDSMITH WAY ELIOT BUSINESS PARK
City	NUNEATON
Postcode	CV10 7RJ

COLLECTION ADDRESS	
Name	*TYTTENHANGER COLLECT TYTTENHANGER (GRS (ROADSTONE) LTD (BP))
Address	Lafarge Aggregates A414 North orbital
City	St Albans
Postcode	AL4 0RY
Email	orders@grsroadstone.co.uk

JOB DETAILS			
Job No	390294	Customer PO	1338641
Scheduled Date	17/12/24	Internal Job Ref	1339072
Run Name	KS63VMY TYT 17/12/2024 R2	Collection Instructions	

ITEM DETAILS			
Code	Description	Expected Qty	Actual Qty
GRS40GRAVBB	GRS SHINGLE - 40MM BULK BAG	15	15
TOTALS		15	15

JOB COMPLETION DETAILS			
Arrived on Site	17/12/2024 14:52	Customer Name	Rob R
Job Completed at	17/12/2024 14:52	Signature 	
Job Completed by	Robert Runciman		
Despatched Pallets	0		
GRS Pallets Collected (Good Condition)	0		
GRS Pallets Collected (Damaged)	0		
Pallet Collections GRC Number			
Driver Notes			

APPENDIX C DELIVERY TICKETS FOR CELLULAR STORAGE

hewitech

INNOVATION IN KUNSTSTOFF

Hewitech GmbH & Co. KG - Am Langenhorster Bahnhof - 48607 Ochtrup

Firma

AN Construction Solutions Ltd.

Elvis 07939 589133

JJ Rhatigan Site

Clayton Road

UB3 1DU HAYES

GREAT BRITAIN

Delivery note

LKW:

AGS 34857

Name:

TEVINBLW

Ladungssicherung einhalten

Comply in accordance to load security

Sign:

[Signature]

Transaction No.:

38694

Document No.:

2025-22945

Date:

26.03.2025

Customer No.:

33812

Processor:

Dieter Schmeing

Please quote for all further question !

Client

Firma

Hewitech UK Limited

Unit2, Andoversford Industrial Estate

Andoversford

GL54 4LB CHELTENHAM

GREAT BRITAIN

Ref.: Sales order confirmation 2025-40573

Your Ref.: ABG; 114555

Your Order: EF3460 JN1452

Mode: Forwarder

Our Tax-ID-No.: DE158631592

Our Tax-No.: 311/5920/0420

Your Tax ID-No.:

Delivery Terms: FCA - Ochtrup

Pos.	Item No.	Description	Delivery Day	Quantity Un	Packages	Net	Gross
5	06031738	Variobox 150 - green (L x W x H) 600 x 600 x 150mm Lorry 3 22 pal. with 64 pcs each	26.03.2025	76,032 m³ 1.408 pcs	22	5.170 kg	5.610 kg
6	07011717	Cross Connector 50 pcs.or 500 pcs. per bag 4 x 500 pcs	26.03.2025	2.000 Pcs 2.000 pcs	4	20 kg	20 kg
7	15014034	extra labels 3 per pallet	26.03.2025	66,0 Pcs			

Please note that the installation temperature of our products should not be below +5°C!

Total packages

26

Total net kg

5.190

Total gross kg

5.630

Unsere allgemeinen Geschäftsbedingungen entnehmen Sie bitte unserer Homepage www.hewitech.de

Hewitech GmbH & Co. KG
Am Langenhorster Bahnhof 16
D-48607 Ochtrup
AG Steinfurt HRA 2835

Pers. haft. Gesellschafterin:
Hewitech Industrieanlagenbau
GmbH
AG Steinfurt HRA 3107
Geschäftsführer:
Frank Dirkskötter

Telefon: 0049-(0)2553 / 9702-60
Fax-Nr. : 0049-(0)2553 / 9702-65
E-Mail : info@hewitech.de
Internet : www.hewitech.de
UST-Nr. : 311 / 5920 / 0420
USt-Ident.-Nr.: DE 158 631 592

Bankverbindungen:
Volksbank Ochtrup-Laer eG
BLZ 401 646 18
Kto.-Nr. 1 673 100
IBAN-Code :
DE06401646180001673100
BIC-Code: GENODEM1OTR

Deutsche Bank Münster
BLZ 40070080
Kto.-Nr. 031821200
IBAN-Code:
DE23400700800031821200
BIC-Code: DEUTDE33400

hewitech

INNOVATION IN KUNSTSTOFF

Hewitech GmbH & Co. KG - Am Langenhorster Bahnhof - 48607 Ochtrup

Firma

AN Construction Solutions Ltd.

Elvis 07939 589133

JJ Rhatigan Site

Clayton Road

UB3 1DU HAYES

GREAT BRITAIN

Client

Firma

Hewitech UK Limited

Unit2, Andoversford Industrial Estate

Andoversford

GL54 4LB CHELTENHAM

GREAT BRITAIN

LIKW:	ABG 34857
Name:	TSIVINGU
Ladungssicherung einhalten! Comply in accordance to load security!	
Sign:	

Packinglist

Transaction No.:	38694
Document No.:	2025-22555
Date:	18.03.2025
Customer No.:	33812
Processor:	Claudia Stegemann

Please quote for all further question !



2 2 5 5 5

Ref.:	Sales order confirmation 2025-40573	Our Tax-ID-No.:	DE158631592
Your Ref.:	ABG; 114555	Our Tax-No.:	311/5920/0420
Your Order:	EF3460 JN1452	Your Tax ID-No.:	
Mode:	Forwarder	Delivery Terms:	FCA - Ochtrup

Pos.	Item No.	Description	Delivery Day	Quantity Un	Packages	Net	Gross
5	06031738	Variobox 150 - green (L x W x H) 600 x 600 x 150mm still to deliver Lorry 3 22 pal. with 64 pcs each	18.03.2025	76,032 m³ 1.408 pcs 76,032 m³	22	5.170 kg	5.610 kg
6	07011717	Cross Connector 50 pcs.or 500 pcs. per bag still to deliver 4 x 500 pcs	18.03.2025	2.000 Pcs 2.000 Pcs	4	20 kg	20 kg
7	15014034	extra labels 3 per pallet still to deliver	18.03.2025	66,0 Pcs 198,0 Pcs			

Please note that the installation temperature of our products should not be below +5°C!

Total packages	26	Total net kg	5.190	Total gross kg	5.630
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Unsere allgemeinen Geschäftsbedingungen entnehmen Sie bitte unserer Homepage www.hewitech.de

Hewitech GmbH & Co. KG
Am Langenhorster Bahnhof 16
D-48607 Ochtrup
AG Steinfurt HRA 2835

Pers. haft. Gesellschafterin:
Hewitech Industrieanlagenbau
GmbH
AG Steinfurt HRB 3107
Geschäftsführer:
Frank Dirkskötter

Telefon: 0049-(0)2553 / 9702-60
Fax-Nr. : 0049-(0)2553 / 9702-65
E-Mail : info@hewitech.de
Internet : www.hewitech.de
USt.Nr. : 311 / 5920 / 0420
USt.-Ident.-Nr.: DE 158 631 592

Bankverbindungen:
Volksbank Ochtrup-Laer eG
BLZ 401 646 18
Kto-Nr. 1 673 100
IBAN-Code :
DE06401646180001673100
BIC-Code: GENODEM1OTR

Deutsche Bank Münster
BLZ 40070080
Kto.-Nr. 031821200
IBAN-Code:
DE23400700800031821200
BIC-Code: DEUTDE33400

EUROPÄISCHE UNION

BETRIEBSKONTINUITÄT - AUSFUHRBEGLEITDOKUMENT

Versender [13 02] / Ausführer [13 01] HEWITECH Am Langenhorster Bahnhof 16 48607 Ochtrup DE		ID DE4803701	ART DER ANMELDUNG Art [11 01] EX Zus. Art [11 02] A		BKP MRN 25DE830556069254B9 	
Empfänger [13 03] AN Construction Solutions Ltd. Clayton Road UB3 1U HAYES GB		ID	Vordrucke 1 2	Bes.Umsat. [11 04]	Datum der Annahme [15 09] 21.03.2025 AUSFUHRZOLLSTELLE [17 02] DE008305	
Anmelder [13 05] HEWITECH Am Langenhorster Bahnhof 16 48607 Ochtrup DE Ansprechpartner [13 05 074]		ID DE4803701	Positionen 1	Packst. Insges. 26	Rohmasse [18 04] 5630	Sicherheit [11 07] 2
Vertreter [13 06] Ansprechpartner [13 06 074]		ID DE2737396	LRN [12 09] HEWITECH GB 2025-00267		Referenznummer/UCR [12 08] Proforma Rechnung	
zusätzlicher Beteiligter in der Lieferkette [13 14]		ID	Datum und Uhrzeit der Gestellung der Waren [15 08] 24.03.2025 08:00			
Beförderer [13 12]		ID	Warenort [16 15] D Z Am Langenhorster Bahnhof 16 48607 Ochtrup DE Ansprechpartner [16 15 074]			
VORGESEHENE AUSGANGSZOLLSTELLE [17 01] FR000740		Lager [12 11]	Ausfuhrland [16 07] DE		Bestimmungsland [16 03] GB	
ÜBERWACHUNGSZOLLSTELLE [17 10]		GESTELLUNGSZOLLSTELLE [17 09]	Beförderungsrouten der Sendung [16 12] DE; FR; GB			
Vorpapier [12 01]			Inländischer Verkehrsweig [19 04] 3		Verkehrsweig an der Grenze [19 03] 3	
Transportdokument [12 05]			Beförderungsmittel beim Abgang [19 05] 30 LKW QU		Grenzübersch. aktives Beförderungsmittel [19 08] 30 LKW QU	
Sonstiger Verweis [12 04]			Transportausrüstung [19 07]		Container-Indikator [19 01]: 0	
Bewilligung [12 12]			Verschluss [19 10]			
In Rechnung gestellter Gesamtbetrag [14 06]		Rechnungswährung [14 05]	Unterlage [12 03]			
Zahlungsaufschub [12 10]		Umrechnungskurs [14 09]	Lieferbedingungen [14 01] FCA,Ochtrup,DE			
			Beförderungskosten (Zahlungsart) [14 02] H			
			Art des Geschäfts [99 05] 11			
			Interne Währungseinheit [14 17]			

PRÜFUNG DURCH DIE AUSFUHRZOLLSTELLE

Ergebnis:
Angebrachte Verschlüsse: Anzahl:
Zeichen:
Datum der Überlassung zur Ausfuhr:

PRÜFUNG DURCH DIE AUSGANGSZOLLSTELLE

Ankunftsdatum:
Prüfung der Verschlüsse:
Anmerkungen:
Datum der Freigabe zum Ausgang:

BKP MRN

25DE830556069254B9



BETRIEBSKONTINUITÄT -
AUSFUHRBEGLEITDOKUMENT -
LISTE DER POSITIONEN

Vordrucke
2 | 2

Positionsnummer [11 03]		Referenznummer/UCR [12 08]		Warenbezeichnung [18 05]			
Versender [13 02]				Art und Anzahl der Pakete, Versandzeichen [18 06]		CUS-Nummer [18 08]	UN-Nummer [18 07 055]
Empfänger [13 03]				Warennummer [18 09]		TARIC-ZC [18 09 059]	Nat. Zusatzcode [18 09 060]
Zusätzlicher Beteiligter in der Lieferkette [13 14]				Statistischer Wert [99 06]		Menge bes. Maß [18 02]	Art des Geschäfts [99 05]
Ausfuhrland [16 07]		Bestimmungsland [16 03]		Rohmasse [18 04]		Eigenmasse (kg) [18 01]	
Ursprungsland [16 08]		Versendungsregion [16 10]		Beantragtes Verfahren [11 09 001]		Vorh. Verf. [11 09 002]	Zusätzl. Verf. [11 10]
Beförderungskosten (Zahlungsart) [14 02]				Zölle und Abgaben [14 03]		Gesamtabgabebetrag [14 16]	
Bewilligung [12 12]				Unterlagen [12 03]			
Vorpapier [12 01]							
Sonstiger Verweis [12 04]				Zusätzliche Informationen [12 02]			
1				Füllkörper und Verbinder für die Wasserversickerungsanlagen.			
				PK 26 Adresse			
				39269097			
DE		GB		5630		5190	
DE		05		10		00	
				[N325] 2025-00267			
				[N271] 2025-22555			
[3LNA] [Y901] [Y904] [Y906] [Y160]							

1 Nadawca (nazwisko lub nazwa, adres, kraj) Expéditeur (nom, address, pays) Sender (name, address, country) C/O Dieter Smeing Am Lager AKORSTER BAHNHOF 16 Δ 48 607 OCHTALP			MIĘDZYNARODOWY SAMOCHODOWY LIST PRZEWOZOWY NR LETTRE DE VOITURE INTERNATIONALE INTERNATIONAL CONSIGNEMENT NOTE CMR N° Niniejszy przewóz podlega postanowieniom konwencji o umowie międzynarodowej przewozu drogowego towarów (CMR) bez względu na jakikolwiek przeciwny kłauzule. Ce transport est soumis nonobstant toute clause contraire, à la Convention relative au Contrat de Transport International de marchandises par route (CMR) This carriage is subject notwithstanding any clause to the contrary, to the Convention on the Contract for the International Carriage of goods by road (CMR)																																																																		
2 Odbiorca (nazwisko lub nazwa, adres, kraj) Destinataire (nom, address, pays) Consignee (name, address, country) Hewiteeh UK Limited AN Construction Solutions 4 Ratigan Site Glaston Road UB3 1AU HAYES. GB.			16 Przewoźnik (nazwisko lub nazwa, adres, kraj) Transporteur (nom, address, pays) Carrier (name, address, country) ATS LOGISTICS Spółka z ograniczoną odpowiedzialnością 63-810 Borek Wlkp., ul. M. Konopnickiej 20 NIP 6961878971 REGON 361827553																																																																		
3 Miejsce przeznaczenia (miejscowość, kraj) Lieu prévu pour la livraison la marchandise (lieu, pays) Place of delivery of the goods (place, country) HAYES CHELTONHAM, GB			17 Kolejni przewoźnicy (nazwisko lub nazwa, adres, kraj) Transporteurs successifs (nom, address, pays) Successive carriers (name, address, country)																																																																		
4 Miejsce i data załadowania (miejscowość, kraj, data) Lieu et date de la prise en charge de la marchandise (lieu, pays, date) Place and date of taking over the goods (place, country, date) OCHTALP . 26.03.25			18 Zastrzeżenia i uwagi przewoźnika Réserves et observations du transporteur Carrier's reservations and observations Jakość i stan towarów nie sprawdzany przez przewoźnika. Bez odpowiedzialności za faktyczną zawartość opakowań. Quality and condition of goods not examined by the carrier. Without responsibility for the real contents of packages. Qualität und Zustand der Ware durch Frachtführer nicht kontrolliert. Ohne Verantwortung für tatsächlichen Inhalt der Verpackungen.																																																																		
5 Załączone dokumenty Documents annexés Documents attached MKN 250E830556069254B9																																																																					
6 Cechy i numery Marques et numéros Marks and Nos 26001 km software		7 Ilość sztuk Nombre des colis Numbers of packages		8 Sposób opakowania Mode d'emballage Method of packing																																																																	
9 Rodzaj towaru Nature de la marchandise Nature of the goods		10 Nr statystyczny No statistique Statistical number		11 Waga brutto w kg Poids brut kg Gross weight in kg 5.630 kg																																																																	
12 Objętość w m³ Cubage m³ Volume in m³		13 Instrukcje nadawcy Instructions de l'expéditeur Sender's instructions		14 Postanowienia odnośnie przewoźnego Prescriptions d'affranchissement (franco/non franco) Instructions as to payment for carriage ☐ Przewoźne zapłacone /Franco/ Carriage paid ☐ Przewoźne nieopłacone /Non franco/ Carriage forward																																																																	
15 Zapłata /Remboursement/ Cash on deliver		16 Postanowienia specjalne Conventions particulières Special agreements ARR: 26.03.25 9:00 DEP: 26.03.25 10:50		17 Do zapłaty A payer par To be paid by <table border="1"> <tr> <th>Przewoźne</th> <th>Nadawca</th> <th>Waluta /Manna/</th> <th>Odbiorca</th> </tr> <tr> <td>Prix de transport</td> <td>Expéditeur</td> <td>/Currency/</td> <td>Destinataire</td> </tr> <tr> <td>Bonifidat</td> <td>Sender</td> <td></td> <td>Consignee</td> </tr> <tr> <td>Réductions</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deductions</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Saldo /Solde/</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Balance</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Dopłaty</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Suppléments</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Suppl. charges</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Koszty dodatkowe</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Frais accessoires</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Miscellaneous</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ubezpieczenie</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Razem, Total</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total to be paid</td> <td></td> <td></td> <td></td> </tr> </table>		Przewoźne	Nadawca	Waluta /Manna/	Odbiorca	Prix de transport	Expéditeur	/Currency/	Destinataire	Bonifidat	Sender		Consignee	Réductions				Deductions				Saldo /Solde/				Balance				Dopłaty				Suppléments				Suppl. charges				Koszty dodatkowe				Frais accessoires				Miscellaneous				Ubezpieczenie				Razem, Total				Total to be paid			
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Total to be paid																																																																					
21 Wystawiono w Etablie à Established in 26.03.25		22 Podpis i stempel nadawcy Signature et timbre de l'expéditeur Signature and stamp of the sender		23 Podpis i stempel przewoźnika Signature et timbre du transporteur Signature and stamp of the carrier																																																																	
24 Przesyłkę otrzymano /Marchandises reçues/ /Goods received <table border="1"> <tr> <th>Miejscowość</th> <th>dnia</th> <th>20</th> </tr> <tr> <th>Lieu</th> <th>le</th> <th>20</th> </tr> <tr> <th>Place</th> <th>on</th> <th>20</th> </tr> </table>		Miejscowość	dnia	20	Lieu	le	20	Place	on	20	25 Podpis i stempel odbiorcy Signature et timbre du destinataire Signature and stamp of the consignee		26 Podpis i stempel przewoźnika Signature et timbre du transporteur Signature and stamp of the carrier																																																								
Miejscowość	dnia	20																																																																			
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* W przypadku przewozu towarów niebezpiecznych, oprócz ewentualnego posiadania zaświadczenia, należy podać w ostatnim wierszu: klasę, liczbę oraz w danym przypadku, literę.
* En cas de marchandises dangereuses indiquées, outre la certification éventuelle, à la dernière ligne du cadre, la classe, le chiffre et le cas échéant, la lettre.
* In case of dangerous goods mentioned, besides the possible certification, on the last line of column the particulars of the class, the number of the letter, if any.

Rubryki obwieszczone tłustymi liniami wypełnia przewoźnik
Les parties encadrées de lignes grasses doivent être remplies par le transporteur
The spaces framed with heavy lines must be filled in by the carrier.

19 + 20 + 22

włącznie oraz
y compris et
including and

1 - 15

Do wypełnienia pod odpowiedzialnością nadawcy
A remplir sous la responsabilité de l'expéditeur
To be completed on the sender's responsibility

d'après Modèle IRU 1976
druk: Unidruk - tel./fax 32 769 57 57

hewitech

INNOVATION IN KUNSTSTOFF

Hewitech GmbH & Co. KG - Am Langenhorster Bahnhof - 48607 Ochtrup

Firma

AN Construction Solutions Ltd.

Elvis 07939 589133

JJ Rhatigan Site

Clayton Road

UB3 1DU HAYES

GREAT BRITAIN

Client

Firma

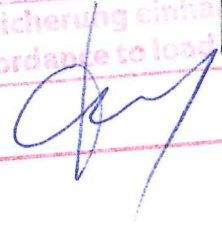
Hewitech UK Limited

Unit2, Andoversford Industrial Estate

Andoversford

GL54 4LB CHELTENHAM

GREAT BRITAIN

Packinglist	
LKW:	TM 58 EWL
Name:	VARAUS MIHARIA
Sign:	
Transaction No.:	38694
Document No.:	2025-22553
Date:	18.03.2025
Customer No.:	33812
Processor:	Claudia Stegemann
Please quote for all further question !	



2 2 5 5 3

Ref.:	Sales order confirmation 2025-40573	Our Tax-ID-No.:	DE158631592
Your Ref.:	ABG; 114555	Our Tax-No.:	311/5920/0420
Your Order:	EF3460 JN1452	Your Tax ID-No.:	
Mode:	Forwarder	Delivery Terms:	FCA - Ochtrup

Pos.	Item No.	Description	Delivery Day	Quantity Un	Packages	Net	Gross
1	06031738	Variobox 150 - green (L x W x H) 600 x 600 x 150mm still to deliver Lorry 1 22 pal. with 64 pcs each	18.03.2025	76,032 m³ 1.408 pcs 76,032 m³	22	5.170 kg	5.610 kg
2	07011717	Cross Connector 50 pcs.or 500 pcs. per bag still to deliver 6 x 500 pcs	18.03.2025	3.000 Pcs 3.000 Pcs	6	30 kg	30 kg
7	15014034	extra labels 3 per pallet still to deliver	18.03.2025	66,0 Pcs 198,0 Pcs			

Please note that the installation temperature of our products should not be below +5°C!

Total packages	28	Total net kg	5.200	Total gross kg	5.640
----------------	----	--------------	-------	----------------	-------

Unsere allgemeinen Geschäftsbedingungen entnehmen Sie bitte unserer Homepage www.hewitech.de

Hewitech GmbH & Co. KG
Am Langenhorster Bahnhof 16
D-48607 Ochtrup
AG Steinfurt HRA 2835

Pers. haft. Gesellschafterin:
Hewitech Industrieanlagenbau
GmbH
AG Steinfurt HRB 3107
Geschäftsführer:
Frank Dirkskötter

Telefon: 0049-(0)2553 / 9702-60
Fax-Nr. : 0049-(0)2553 / 9702-65
E-Mail : info@hewitech.de
Internet : www.hewitech.de
USt.Nr. : 311 / 5920 / 0420
USt.-Ident.-Nr.: DE 158 631 592

Bankverbindungen:
Volksbank Ochtrup-Laer eG
BLZ 401 646 18
Kto.-Nr. 1 673 100
IBAN-Code :
DE06401646180001673100
BIC-Code: GENODEM3300

Deutsche Bank Münster
BLZ 40070080
Kto.-Nr. 031821200
IBAN-Code:
DE23400700800031821200
BIC-Code: DEUTDE33400

hewitech

INNOVATION IN KUNSTSTOFF

Hewitech GmbH & Co. KG - Am Langenhorster Bahnhof - 48607 Ochtrup

Firma

AN Construction Solutions Ltd.

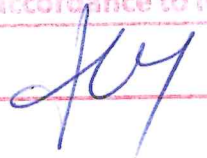
Elvis 07939 589133

JJ Rhatigan Site

Clayton Road

UB3 1DU HAYES

GREAT BRITAIN

Delivery note	
LKW:	TM 58 EWL
Name:	VAN HUG MIHAEL
Ladungssicherung einhalten Comply in accordance to load securing!	
Sign:	
Transaction No.:	38694
Document No.:	2025-22751
Date:	21.03.2025
Customer No.:	33812
Processor:	Dieter Schmeing
Please quote for all further question !	

Client

Firma

Hewitech UK Limited

Unit2, Andoversford Industrial Estate

Andoversford

GL54 4LB CHELTENHAM

GREAT BRITAIN

Ref.:	Sales order confirmation 2025-40573	Our Tax-ID-No.:	DE158631592
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AG Steinfurt HRA 3107
Geschäftsführer:
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USt-Ident.-Nr.: DE 158 631 592

Bankverbindungen:
Volksbank Ochtrup-Laer eG
BLZ 401 646 18
Kto.-Nr. 1 673 100
IBAN-Code :
DE06401646180001673100
BIC-Code: GENODEM1OTR

Deutsche Bank Münster
BLZ 40070080
Kto.-Nr. 031821200
IBAN-Code:
DE23400700800031821200
BIC-Code: DEUTDE33400

EUROPÄISCHE UNION

BETRIEBSKONTINUITÄT - AUSFUHRBEGLEITDOKUMENT

Versender [13 02] / Ausführer [13 01] HEWITECH Am Langenhorster Bahnhof 16 48607 Ochtrup DE		ID DE4803701	ART DER ANMELDUNG Art [11 01] EX Zus. Art [11 02] A		BKP MRN 25DE830555841112B4 	
Empfänger [13 03] AN Construction Solutions Ltd. Clayton Road UB3 1U HAYES GB		ID	Vordrucke 1 2	Bes.Umst. [11 04]	Datum der Annahme [15 09] 19.03.2025 AUSFUHRZOLLSTELLE [17 02] DE008305	
Anmelder [13 05] HEWITECH Am Langenhorster Bahnhof 16 48607 Ochtrup DE Ansprechpartner [13 05 074]		ID DE4803701	Positionen 1	Packst. Insges. 28	Rohmasse [18 04] 5640	Sicherheit [11 07] 2
Vertreter [13 06] Ansprechpartner [13 06 074]		ID DE2737396	LRN [12 09] HEWITECH 2025-00265		Referenznummer/UCR [12 08]	
zusätzlicher Beteiligter in der Lieferkette [13 14]		ID	Datum und Uhrzeit der Gestellung der Waren [15 08] 20.03.2025 08:00			
Beförderer [13 12]		ID	Warenort [16 15] D Z Am Langenhorster Bahnhof 16 48607 Ochtrup DE Ansprechpartner [16 15 074]			
VORGEGEHENE AUSGANGSZOLLSTELLE [17 01] FR000740		Lager [12 11]	Ausfuhrland [16 07] DE		Bestimmungsland [16 03] GB	
ÜBERWACHUNGSZOLLSTELLE [17 10]		GESTELLUNGSZOLLSTELLE [17 09]	Beförderungsrouten der Sendung [16 12] DE; FR; GB			
Vorpapier [12 01]			Inländischer Verkehrszweig [19 04] 3		Verkehrszweig an der Grenze [19 03] 3	
Transportdokument [12 05]			Beförderungsmittel beim Abgang [19 05] 30 LKW QU		GrenzÜbersch. aktives Beförderungsmittel [19 08] 30 LKW QU	
Sonstiger Verweis [12 04]			Transportausrüstung [19 07] Container-Indikator [19 01]: 0			
Bewilligung [12 12]			Verschluss [19 10]			
In Rechnung gestellter Gesamtbetrag [14 06]		Rechnungswährung [14 05]	Unterlage [12 03]			
Zahlungsaufschub [12 10]		Umrechnungskurs [14 09]	Lieferbedingungen [14 01] FCA,Ochtrup,DE			
			Beförderungskosten (Zahlungsart) [14 02] H			
			Art des Geschäfts [99 05] 11			
			Interne Währungseinheit [14 17]			

PRÜFUNG DURCH DIE AUSFUHRZOLLSTELLE

Ergebnis:
Angebrachte Verschlüsse: Anzahl:
Zeichen:
Datum der Überlassung zur Ausfuhr:

PRÜFUNG DURCH DIE AUSGANGSZOLLSTELLE

Ankunftsdatum:
Prüfung der Verschlüsse:
Anmerkungen:
Datum der Freigabe zum Ausgang:

BETRIEBSKONTINUITÄT - AUSFUHRBEGLEITDOKUMENT - LISTE DER POSITIONEN		BKP MRN 25DE830555841112B4 	
		Vordrucke 2 2	
Positionsnummer [11 03] Referenznummer/UCR [12 08]		Warenbezeichnung [18 05]	
Versender [13 02]		Art und Anzahl der Pakete, Versandzeichen [18 06]	CUS-Nummer [18 08] UN-Nummer [18 07 055]
Empfänger [13 03]		Warennummer [18 09]	TARIC-ZC [18 09 059] Nat. Zusatzcode [18 09 060]
Zusätzlicher Beteiligter in der Lieferkette [13 14]		Statistischer Wert [99 06]	Menge bes. Maß [18 02] Art des Geschäfts [99 05]
Ausfuhrland [16 07]	Bestimmungsland [16 03]	Rohmasse [18 04]	Eigenmasse (kg) [18 01]
Ursprungsland [16 08]	Versendungsregion [16 10]	Beantragtes Verfahren [11 09 001]	Vorh. Verf. [11 09 002] Zusätzl. Verf. [11 10]
Beförderungskosten (Zahlungsart) [14 02]		Zölle und Abgaben [14 03]	Gesamtabgabenbetrag [14 16]
Bewilligung [12 12]		Unterlagen [12 03]	
Vorpapier [12 01]			
Sonstiger Verweis [12 04]			
1		Füllkörper und Verbinder für die Wasserversickerungsanlagen	
		PK 28 Adresse	
		39269097	
DE	GB	5640	5200
DE	05	10	00
		[N325] 2025-00265 [N271] 2025-22553	
[3LNA] [Y901] [Y904] [Y906] [Y160]			

1

Exemplár
Copy for
Copie pentru
Exemplaire pour

odesilatel
sender
expeditor
expéditeur

MEZINÁRODNÍ NÁKLADNÍ LIST
INTERNATIONAL CONSIGNMENT NOTE
SCRISOARE DE TRASURA
LETTRE DE VOITURE INTERNATIONALE

CMR AVO-2002

Kód dopravce
Carrier code
Cod transportator
Code transporteur

0148293

1 Sender (name, address, country) Expeditor (Nume, adresa, tara) Feladó (Név, Cím, Ország) Nadawca (Nazwa, Adres, Kraj)		MEZINÁRODNÍ NÁKLADNÍ LIST INTERNATIONAL CONSIGNMENT NOTE SCRISOARE DE TRASURA LETTRE DE VOITURE INTERNATIONALE		1033091	
2 Consignee (name, address, country) Destinatar (Nume, adresa, tara) Címzett (Név, Cím, Ország) Odbiorca (Nazwa, Adres, Kraj)		16 Carrier (name, address, country) Transportator (nume, adresa, tara) Fuvarozó (név, cím, ország) Przewoźnik		AN CONSTRUCTION SOLUTIONS LTD. 30 KHAYGAN SITE CLAYTON ROAD WB3 1DH HAYES	
3 Place of delivery of goods Local livrării marii Az áru kiszolgáltatási helye Miejscie przeznaczenia		17 Subsequent carrier (name, address, country) Transportator additional (nume, adresa, tara) További fuvarozó (név, cím, ország) Kolejny przewoźnik		HAYES Great Britain	
4 Place of taking over goods Locul si data preluării marii Az áru átvételének helye Miejscie i data załadowania		18 Carrier's reservations and observations Observatii sofer		MEGA TRUCKING TIMISOARA STR. MAREȘAL C-TIN PREZAN 140 RO-300695 TIMISOARA-ROMANIA	
5 Attached documents Documente anexale MRN: 28DE8305558411234		19 Special agreements Conventii particulare		File No. / Numar Cursa:	
6 Method of packing Marcheaza numerele Csomagolás módja Cechy i numery		7 Quantity of packing Nr. de coli Mennyiség Ilosz sztuk		8 Kind of packing Tipul de ambalaj al marii Csomagolás fajtája Sposób opakowania	
9 Nature of goods Tipul de marfa Áru jellege Rodzaj towaru		10 Statistic number Nr. Statistic Statistikai szám Nr. statystyczny		11 Gross weight in kg Greutatea bruta in kg Bruttó tömeg kg-ban Waga brutto w kg	
12 Volume in m³ Volumul in m³ Térogat (kőbméterben) m³ Objętość w m³		said to contain: 28 coli Kunststoffe		5640kg	
Reference / PUS number: (ADR) Classe: - UN Number:					
13 Senders instructions Instruțiuni pentru expeditor		A feladó utasításai Instrukcje nadawcy			
15 Directions as to freight payment Instruțiuni privind rambursarea Frei / Franco Vyspácené Unfrei / Non franco Nevyspácené		19 Special agreements Conventii particulare		Különleges rendelkezések Postanowienia specjalne	
20 Trailernumber Trailer license Straps used Sealnumber Port of collection Port of delivery		Collection: Arrival Departure Delivery: Arrival Departure Customs: Arrival Departure Shippers load, stowage and count			
21 Established in Terminat a Kiallítás Wystawiono w...		23 established on Terminat data dátuma dnia...			
22		24 Good and documents received date Firma y sello si del consignatorio Az áru átvétele, dátum Przesyłkę otrzymano... Dnia...		24	
Signature and stamp of the sender Semnătura și stampila expeditorului Podpis i stempel nadawcy		Signature and stamp of the carrier Semnătura și stampila Transportator Podpis i stempel przewoźnika		Signature and stamp of the receiver Semnătura și stampila destinatarului Podpis i pieczęć odbiorcy	

Ewals Cargo Care BV

Ariënsstraat 61-63

NL-5931 HM TEGELEN

Tel.: +31 (0)77 320 22 02

ES	PT	IT	FR	DE
1 Remitanta Nombre domicilio pais	1 Expeditor Nome Morada País	1 Mittente Nome Indirizzo Paese	1 Expéditeur Nom adresse pays	1 Absender Name Anschrift Land
2 Destinatario Nombre y apellidos Dirección País	2 Destinatário Nome Morada País	2 Destinatario Nome Indirizzo Paese	2 Destinataire Nom adresse pays	2 Empfänger Name Anschrift Land
3 Lugar de entrega de la mercancia pueblo País	3 Local de entrega da Mercaderia Cidade País	3 Luogo di consegna Città Paese	3 Lieu prévu pour la livraison de la merchandise lieu Pays	3 Auslieferungsort
4 Lugar y fecha de carga de la mercancia pueblo País Fecha	4 Local e Data de Carga da Mercadoria Cidade País Data	4 Luogo della presa in consegna delle merce Città Paese	4 Lieu et date de la prise en charge de la merchandise lieu Pays Date	4 Ort der Übernahme
5 Documentos anexos MRN:	5 Documentos Anexos MRN:	5 Documenti allegati MRN	5 Documents annexes MRN:	5 Beigefügte Dokumente MRN
6 Marcas, número de bullos, clase de embalaja	6 N° Volumes, Embalagens	6 Quantità di Mercaderia	6 Marques et nombreux nombre des colis	6 Nummern, Anzahl, Art der Verpackung
7 Naturaleza de la mercancía	7 Quantidade de Mercaderia	7 Tipo de Embalagem	7 Mode d'emballage	7 Bezeichnung des Gutes
8 Clase de embalaja	8 Natureza da Mercaderia	8 Numero Estatístico	8 Nature de la merchandise	8 Art der Verpackung
9 Naturaleza de la mercancía	9 Peso bruto em Kg	9 Quantidade em m3	9 No. statistique	9 Bezeichnung des Gutes
10 Num. Estadístico	10 Volumen em m3	10 Tipo d'imballaggio	10 Poids brut, kg	10 Statistiknummer
11 Peso bruto in kg.	11 Instruções de pagamento do serviço	11 Tipo di merce	11 Cubage m3	11 Brutogewicht in Kg
12 Volumen en m3	12 Instruções de pagamento do serviço	12 Metri cubi	12 Instructions de l'expéditeur Formalités douanières et autres	12 Umfang in m3
13 Instrucciones del remitente Tramites aduaneros	13 Instruções de pagamento do serviço	13 Instruções del mittente Dogana ed altri formalità	13 Prescription d'affranchissement Transporteur (nom, adresse, pays)	13 Anweisungen des Absenders
15 A reembolso	15 Transportador (Nome, Morada, País)	15 Indicazione per il pagamento del trasporto	15 Transporteur successifs (nom, adresse, pays)	15 Frachtzahlungsanweisungen
16 Transportista (nombre y apellidos, dirección, país)	16 Transportes Sucessivos (Nome, Morada, País)	16 Vettore	16 Réserves et observations du transporteur	16 Frachtführer (Name, Anschrift, Land)
17 Transportistas sucesivos (nombre y apellidos, dirección, país)	17 Reservas e Observações do Transportador	17 Subvettore	17 Conventions particulières	17 Nachfolgende frachtführer (Name, Anschrift, Land)
18 Reservas y observaciones del transportista	18 Acordos Especiais	18 Riserve ed altre osservazioni	18 Trailer nr	18 Vorbehalte und Bemerkungen des Frachtführers
19 Acuerdos especiales	19 Trailer nr	19 Accordi particolari	19 Trailer license	19 Besondere Vereinbarungen
20 Trailer nr	20 Straps used	20 Trailer nr	20 Seal	20 Trailer nr
21 Trailer license	21 Seal	21 Trailer license	21 Straps used	21 Trailer license
22 Seal	22 Port of collection	22 Seal	22 Port of delivery	22 Straps used
23 Port of collection	23 Port of delivery	23 Port of collection	23 Port of delivery	23 Seal
24 Port of delivery	24 Establecido em	24 Port of delivery	24 Signature et timbre de l'expéditeur	24 Port of collection
21 Extensión el ... de ...	21 Assinatura e carimbo do remetente	21 Stabilito il	21 Signature et timbre du transporteur	21 Ausgefertigt in ... am...
22 Firma y sello del remitente	22 Assinatura e carimbo do transportador	22 Firma e timbro del mittente	22 Signature et cachet du destinataire	22 Unterschrift und Stempel des Absenders
23 Firma y sello del transportista	23 Assinatura e carimbo do destinatário	23 Firma e timbro del vettore		23 Unterschrift und Stempel des Frachtführers
24 Firma y sello del receptor		24 Firma e timbro del destinatario		24 Unterschrift und Stempel des Empfängers

SE	BU	RUS	CZ
1 Godsavsändare Namn Adress Land	1 Изгращач Име адрес държава	1 Отправитель наименование юр. Адрес страна	1 Odesilatel Jméno adresa země
2 Godsmottagare Namn Adress Land	2 Получатель име адрес държава	2 Получатель наименование юр. Адрес страна	2 Příjemce Jméno adresa země
3 Godsets leveransort	3 Място на доставка на стоките	3 Место разгрузки груза	3 Místo vykládky zboží
4 Plats och datum för övertagande av godset	4 Място на приемане на стоките	4 Место и дата погрузки груза	4 Místo a datum nakládky zboží
5 Bifogade dokument MRN	4 Град	4 Город	4 Místo
6 Märke och nummer	5 Придружаващи документи	5 Прилагаемые документы	5 Místo
7 Antal kolli	5 MRN:	5 MRN	5 Místo
8 Emballeringsätt	6 Nos, Numver, Method of packing	6 Знаки и номера	5 Přípojené doklady
9 Godsets art	7 количество на опаковката	7 Количество мест	MRN:
10 Statistiskt nr.	8 вид опаковката	8 Род упаковок	6 Signo a cisia
11 Bruttovikt i kg.	9 вид на стоката	9 Наименование груза	7 Pocet kolli
12 Volym i m3	10 статистичен номер	10 Стат. Но	8 druh obalu
13 Avsändarens instruktioner	11 брутто тегло в кг	11 Вес брутто кг	9 Označení zboží
15 Fraktbetalningsföreskrift (leveransklausul)	12 обем в м3	12 Объем м3	10 Statistické číslo
16 Fraktförare O (namn, adress, land)	13 инструкции на изгращача	13 Указания отправителя (таможенная и прочая обработка)	11 Hřmot v kg
17 Efterföljande fraktförare (namn, adress, land)	14 Митинчески и др. форманости	14 Таможенные и прочие формальности	12 Objem m3
18 Fraktförarens reservationer och anmärkningar	15 Условия на сделката	15 Условия оплаты	13 Pokyny odesilatele
19 Särskilda överenskommelser (se)	16 Превозвач (име, адрес, държава)	16 Перевозчик (наименование, адрес, страна)	14 Celní a jiné formality
20 Trailer nr	17 Последващ превозвач (име, адрес, държава)	17 Последующий перевозчик (наименование, адрес, страна)	15 Pokyny ohledně placenidop-ravného
21 Trailer license	18 Забележки и наблюдения на превозвача	18 Оговорки и замечания перевозчика	16 Doporavce (jméno, adresa, země)
22 Straps used	19 специални споразумения	19 Особые согласованные условия	17 Další dopravci (jméno, adresa, země)
23 Seal	20 Trailer nr	20 Trailer nr	18 Vyhrady a pozámky dopravce
24 Port of collection	21 Trailer license	21 Trailer license	19 Zvláštní ujednání
25 Port of delivery	22 Straps used	22 Straps used	20 Trailer nr
26 Seal	23 Port of collection	23 Port of collection	21 Trailer license
27 Port of collection	24 Port of delivery	24 Port of delivery	22 Straps used
28 Port of delivery	21 установен	21 Составлена... Дата...	23 Seal
29 Utfärdat i ... datum ...	22 Подпис и печат на изгращача	22 Подпись и печать отправителя	24 Port of collection
30 Avsändarens underskrift och stämpel	23 Подпис и печат на превозвача	23 Подпись и печать перевозчика	25 Vystaveno v / Vystaveno dne
31 Fraktförarens underskrift och stämpel	24 Подпис и печат на получателя	24 Подпись и печать получателя	26 Podpis a razítko odesilatele
32 Mottagarens signatur och stämpel			27 Pospis a razítko dopravce
			28 Podpis a razítko příjemce



21 May 2025

Dear Customer,

This is a proof of delivery / statement of final status for the shipment with waybill number 8145073786.

Thank you for choosing DHL Express.

www.dhl.com

Your shipment 8145073786 was delivered on 19 March 2025 at 10.19

Signed	Ivan Kolev	Receiver Name	A N CONSTRUCTION SOLUTION LTD
Shipment Status	Delivered	Receiver Address	JJ Rhatigan Site Crown Trading Centre, Clayton Road HAYES UNITED KINGDOM
		Piece ID(s)	JD014600011972779489

Additional Shipment Details

Service	EXPRESS DOMESTIC 12:00	Shipper Name	SARAH.SHAW@ABGLTD.COM
Picked Up	18 March 2025 at 14.22	Shipper Address	E7 Meltham Mills Road Meltham Mills Industrial Estate Meltham. UNITED KINGDOM
Number of Pieces	1		
Weight	18.21 lbs / 8.26 kg		
Contents	Plastic Fixings	Shipper Reference	8145073786GB20250318093336629





21 May 2025

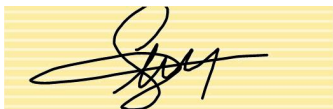
Dear Customer,

This is a proof of delivery / statement of final status for the shipment with waybill number 8145073786.

Thank you for choosing DHL Express.

www.dhl.com

Your shipment 8145073786 was delivered on 19 August 2024 at 10.27

Signed	mail room	Receiver Name	CREDIT COMMUNAUTAIRE D'AFRIQUE S.A.
Signature		Receiver Address	BP 30388 YAOUNDE CAMEROON CCA LIBERTE DOUALA CAMEROON YAOUNDE CAMEROON
Shipment Status	Delivered	Piece ID(s)	JD014600011655954443

Additional Shipment Details

Service	EXPRESS WORLDWIDE doc	Shipper Name	AFRICAN EXPORT-IMPORT BANK
Picked Up	13 August 2024 at 19.20	Shipper Address	72B EL-MAAHAD EL-ESHTERAKY, EL-MONT HELIOPOLIS, CAIRO GOVERNORATE CAIRO EGYPT
Number of Pieces	1	Shipper Reference	8145073786EG20240813151611330
Weight	0.26 lbs / 0.12 kg		
Contents	Documents, general business		

Tobermore Order No.	Your Order No.	Load No.	Delivery Note No.	Estimated Delivery Date	Item Description	Quantity	UOM
SO754711	A N CONSTRUCTION SOLUTION LTD Crown Trading Centre Hayes UB3 1DU						
	T00297034	L301535	DEL794489	23/06/2025	Hydropave Fusion 200x100x80mm Silver Hand Lay	57.6	SQM
	T00297034	L301535	DEL794489	23/06/2025	Hydropave Fusion 200x100x80mm Mid Grey	48	SQM

hewitech

INNOVATION IN KUNSTSTOFF

Hewitech GmbH & Co. KG - Am Langenhorster Bahnhof - 48607 Ochtrup

Firma

AN Construction Solutions Ltd.

Elvis 07939 589133

JJ Rhatigan Site

Clayton Road

UB3 1DU HAYES

GREAT BRITAIN

LKW:

PGS 60653

Name:

XSH23013

Ladungssicherung einhalten!

Comply in accordance to load securing!

Sign:

C. W. Z...

Client

Firma

Hewitech UK Limited

Unit2, Andoversford Industrial Estate

Andoversford

GL54 4LB CHELTENHAM

GREAT BRITAIN

Delivery note

Transaction No.: 38694
Document No.: 2025-22858
Date: 24.03.2025
Customer No.: 33812
Processor: Dieter Schmeing

Please quote for all further question !

Ref.:	Sales order confirmation 2025-40573	Our Tax-ID-No.:	DE158631592
Your Ref.:	ABG; 114555	Our Tax-No.:	311/5920/0420
Your Order:	EF3460 JN1452	Your Tax ID-No.:	
Mode:	Forwarder	Delivery Terms:	FCA - Ochtrup

Pos.	Item No.	Description	Delivery Day	Quantity Un	Packages	Net	Gross
3	06031738	Variobox 150 - green (L x W x H) 600 x 600 x 150mm Lorry 2 22 pal. with 64 pcs each	24.03.2025	76,032 m³ 1.408 pcs	22	5.170 kg	5.610 kg
4	07011717	Cross Connector 50 pcs.or 500 pcs. per bag 6 x 500 pcs	24.03.2025	3.000 Pcs 3.000 pcs	6	30 kg	30 kg
7	15014034	extra labels 3 per pallet still to deliver	24.03.2025	66,0 Pcs 66,0 Pcs			

Please note that the installation temperature of our products should not be below +5°C!

Total packages	28	Total net kg	5.200	Total gross kg	5.640
-----------------------	-----------	---------------------	--------------	-----------------------	--------------

Unsere allgemeinen Geschäftsbedingungen entnehmen Sie bitte unserer Homepage www.hewitech.de

Hewitech GmbH & Co. KG
Am Langenhorster Bahnhof 16
D-48607 Ochtrup
AG Steinfurt HRA 2835

Pers. haft. Gesellschafterin:
Hewitech Industrieanlagenbau
GmbH
AG Steinfurt HRB 3107
Geschäftsführer:
Frank Dirkskötter

Telefon: 0049-(0)2553 / 9702-60
Fax-Nr. : 0049-(0)2553 / 9702-65
E-Mail : info@hewitech.de
Internet : www.hewitech.de
USt.Nr. : 311 / 5920 / 0420
USt.-Ident.-Nr.: DE 158 631 592

Bankverbindungen:
Volksbank Ochtrup-Laer eG
BLZ 401 646 18
Kto-Nr. 1 673 100
IBAN-Code :
DE06401646180001673100
BIC-Code: GENODEM1OTR

Deutsche Bank Münster
BLZ 40070080
Kto.-Nr. 031821200
IBAN-Code:
DE23400700800031821200
BIC-Code: DEUTDE33400

hewitech

INNOVATION IN KUNSTSTOFF

Hewitech GmbH & Co. KG - Am Langenhorster Bahnhof - 48607 Ochtrup

Firma

AN Construction Solutions Ltd.

Elvis 07939 589133

JJ Rhatigan Site

Clayton Road

UB3 1DU HAYES

GREAT BRITAIN

Packinglist

Transaction No.: 38694
Document No. 2025-22554
Date: 18.03.2025
Customer No.: 33812
Processor: Claudia Stegemann

Please quote for all further question !

Client

Firma

Hewitech UK Limited

Unit2, Andoversford Industrial Estate

Andoversford

GL54 4LB CHELTENHAM

GREAT BRITAIN



2 2 5 5 4

Ref.:	Sales order confirmation 2025-40573	Our Tax-ID-No.:	DE158631592
Your Ref.:	ABG; 114555	Our Tax-No.:	311/5920/0420
Your Order:	EF3460 JN1452	Your Tax ID-No.:	
Mode:	Forwarder	Delivery Terms:	FCA - Ochtrup

Pos.	Item No.	Description	Delivery Day	Quantity Un	Packages	Net	Gross
3	06031738	Variobox 150 - green (L x W x H) 600 x 600 x 150mm still to deliver Lorry 2 22 pal. with 64 pcs each	18.03.2025	76,032 m³ 1.408 pcs 76,032 m³	22	5.170 kg	5.610 kg
4	07011717	Cross Connector 50 pcs.or 500 pcs. per bag still to deliver 6 x 500 pcs	18.03.2025	3.000 Pcs 3.000 Pcs	6	30 kg	30 kg
7	15014034	extra labels 3 per pallet still to deliver	18.03.2025	66,0 Pcs 198,0 Pcs			

Please note that the installation temperature of our products should not be below +5°C!

Total packages	28	Total net kg	5.200	Total gross kg	5.640
-----------------------	-----------	---------------------	--------------	-----------------------	--------------

Unsere allgemeinen Geschäftsbedingungen entnehmen Sie bitte unserer Homepage www.hewitech.de

Hewitech GmbH & Co. KG
Am Langenhorster Bahnhof 16
D-48607 Ochtrup
AG Steinfurt HRA 2835

Pers. haft. Gesellschafterin:
Hewitech Industrieanlagenbau
GmbH
AG Steinfurt HRB 3107
Geschäftsführer:
Frank Dirkskötter

Telefon: 0049-(0)2553 / 9702-60
Fax-Nr. : 0049-(0)2553 / 9702-65
E-Mail : info@hewitech.de
Internet : www.hewitech.de
USt.Nr. : 311 / 5920 / 0420
USt.-Ident.-Nr.: DE 158 631 592

Bankverbindungen:
Volksbank Ochtrup-Laer eG
BLZ 401 646 18
Kto-Nr. 1 673 100
IBAN-Code :
DE06401646180001673100
BIC-Code: GENODEM33HAN

Deutsche Bank Münster
BLZ 40070080
Kto.-Nr. 031821200
IBAN-Code:
DE23400700800031821200
BIC-Code: DEUTDE33HAN

EUROPÄISCHE UNION

BETRIEBSKONTINUITÄT - AUSFUHRBEGLEITDOKUMENT

Versender [13 02] / Ausführer [13 01] HEWITECH Am Langenhorster Bahnhof 16 48607 Ochtrup DE		ID DE4803701	ART DER ANMELDUNG Art [11 01] EX		Zus. Art [11 02] A	BKP MRN 25DE830555844243B5 	
Empfänger [13 03] AN Construction Solutions Ltd. Clayton Road UB3 1U HAYES GB		ID	Vordrucke 1 2		Bes.Umst. [11 04]		Datum der Annahme [15 09] 19.03.2025 AUSFUHRZOLLSTELLE [17 02] DE008305
Anmelder [13 05] HEWITECH Am Langenhorster Bahnhof 16 48607 Ochtrup DE Ansprechpartner [13 05 074]		ID DE4803701	Positionen 1		Packst. insges. 28		Rohmasse [18 04] 5640
Vertreter [13 06] Ansprechpartner [13 06 074]		ID DE2737396	LRN [12 09] HEWITECH 2025-00266		Referenznummer/UCR [12 08]		
zusätzlicher Beteiligter in der Lieferkette [13 14]		ID	Datum und Uhrzeit der Gestellung der Waren [15 08] 20.03.2025 08:00				
Beförderer [13 12]		ID	Warenort [16 15] D Z Am Langenhorster Bahnhof 16 48607 Ochtrup DE Ansprechpartner [16 15 074]				
VORGESEHENE AUSGANGSZOLLSTELLE [17 01] FR000740		Lager [12 11]	Ausfuhrland [16 07] DE		Bestimmungsland [16 03] GB		
ÜBERWACHUNGSZOLLSTELLE [17 10]		GESTELLUNGSZOLLSTELLE [17 09]	Beförderungsrouten der Sendung [16 12] DE; FR; GB				
Vorpapier [12 01]			Inländischer Verkehrszweig [19 04] 3		Verkehrszweig an der Grenze [19 03] 3		
Transportdokument [12 05]			Beförderungsmittel beim Abgang [19 05] 30 LKW QU		Grenzübersch. aktives Beförderungsmittel [19 08] 30 LKW QU		
Sonstiger Verweis [12 04]			Transportausrüstung [19 07]		Container-Indikator [19 01]: 0		
Bewilligung [12 12]			Verschluss [19 10]				
In Rechnung gestellter Gesamtbetrag [14 06]		Rechnungswährung [14 05]	Unterlage [12 03]				
Zahlungsaufschub [12 10]		Umrechnungskurs [14 09]	Zusätzliche Informationen [12 02]				
			Lieferbedingungen [14 01] FCA, Ochtrup, DE				
			Beförderungskosten (Zahlungsart) [14 02] H				
			Art des Geschäfts [39 05] 11				
			Interne Währungseinheit [14 17]				

PRÜFUNG DURCH DIE AUSFUHRZOLLSTELLE

Ergebnis:
Angebrachte Verschlüsse: Anzahl:
Zeichen:
Datum der Überlassung zur Ausfuhr:

PRÜFUNG DURCH DIE AUSGANGSZOLLSTELLE

Ankunftsdatum:
Prüfung der Verschlüsse:
Anmerkungen:
Datum der Freigabe zum Ausgang:

BETRIEBSKONTINUITÄT - AUSFUHRBEGLEITDOKUMENT - LISTE DER POSITIONEN		Vordrucke 2 2		BKP MRN 25DE830555844243B5 	
		Warenbezeichnung [18 05]			
Positionsnummer [11 03]		Referenznummer/UCR [12 08]		Warenbezeichnung [18 05]	
Versender [13 02]		Art und Anzahl der Pakete, Versandzeichen [18 06]		CUS-Nummer [18 08]	UN-Nummer [18 07 055]
Empfänger [13 03]		Warennummer [18 09]		TARIC-ZC [18 09 059]	Nat. Zusatzcode [18 09 060]
Zusätzlicher Beteiligter in der Lieferkette [13 14]		Statistischer Wert [99 06]		Menge bes. Maß [18 02]	Art des Geschäfts [99 05]
Ausfuhrland [16 07]	Bestimmungsland [16 03]	Rohmasse [18 04]		Eigenmasse (kg) [18 01]	
Ursprungsland [16 08]	Versendungsregion [16 10]	Beantragtes Verfahren [11 09 001]		Vorh. Verf. [11 09 002]	Zusätzl. Verf. [11 10]
Beförderungskosten (Zahlungsart) [14 02]		Zölle und Abgaben [14 03]		Gesamtabgabebetrag [14 16]	
Bewilligung [12 12]		Unterlagen [12 03]			
Vorpapier [12 01]					
Sonstiger Verweis [12 04]		Zusätzliche Informationen [12 02]			
1		Füllkörper und Verbinder für die Wasserversickerungsanlagen			
		PK 28 Adresse			
		39269097			
DE	GB	5640		5200	
DE	05	10		00	
		[N325] 2025-00266 [N271] 2025-22554			
[3LNA] [Y901] [Y904] [Y906] [Y160]					

1 Nadawca (nazwisko lub nazwa, adres, kraj) Expéditeur (nom, address, pays) Sender (name, address, country) 			MIĘDZYNARODOWY SAMOCHODOWY LIST PRZEWOZOWY NR LETTRE DE VOITURE INTERNATIONALE INTERNATIONAL CONSIGNEMENT NOTE N°																																		
2 Odbiorca (nazwisko lub nazwa, adres, kraj) Destinataire (nom, address, pays) Consignee (name, address, country) AN Construction Clayton Road GB-44337 DU Hayes			16 Przewoźnik (nazwisko lub nazwa, adres, kraj) Transporteur (nom, address, pays) Carrier (name, address, country) ATS LOGISTICS Spółka z ograniczoną odpowiedzialnością 63-810 Borek Wlkp., ul. M. Konopnickiej 20 NIP 6961878971 REGON 361827553																																		
3 Miejsce przeznaczenia (miejscowość, kraj) Lieu prévu pour la livraison la marchandise (lieu, pays, pays) Place of delivery of the goods (place, country) Hayes GB			17 Kolejni przewoźnicy (nazwisko lub nazwa, adres, kraj) Transporteurs successifs (nom, address, pays) Successive carriers (name, address, country)																																		
4 Miejsce i data załadunku (miejscowość, kraj, data) Lieu et date de la prise en charge de la marchandise (lieu, pays, date) Place and date of taking over the goods (place, country, date) Ochtrup 0 24.03.25			18 Zastrzeżenia i uwagi przewoźnika Réserves et observations du transporteur Carrier's reservations and observations Jakość i stan towarów nie sprawdzany przez przewoźnika. Bez odpowiedzialności za faktyczną zawartość opakowań. Quality and condition of goods not examined by the carrier. Without responsibility for the real contents of packages. Qualität und Zustand der Ware durch Frachtführer nicht kontrolliert. Ohne Verantwortung für tatsächlichen Inhalt der Verpackungen.																																		
5 Załączone dokumenty Documents annexés Documents attached 25 DE 830 555 844 243 B 5																																					
6 Cechy i numery Marques et numéros Marks and Nos	7 Ilość sztuk Nombre des colis Numbers of packages	8 Sposób opakowania Mode d'emballage Method of packing	9 Rodzaj towaru Nature de la marchandise Nature of the goods	10 Nr statystyczny No statistique Statistical number	11 Waga brutto w kg Poids brut kg Gross weight in kg																																
28 Coli kunststoffverpackt			5040 kg																																		
12 Objętość w m³ Cubage m³ Volume in m³																																					
13 Instrukcje nadawcy Instructions de l'expéditeur Sender's instructions			19 Postanowienia specjalne Conventions particulières Special agreements																																		
14 Postanowienia odnośnie przewoźnego Prescriptions d'affranchissement (franco/non franco) Instructions as to payment for carriage ☐ Przewoźne zapłacone / Franco / Carriage paid ☐ Przewoźne nieopłacone / Non franco / Carriage forward			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Do zapłaty A payer par: To be paid by</th> <th style="width: 20%;">Nadawca Expéditeur Sender</th> <th style="width: 20%;">Waluta / Monnaie / Currency</th> <th style="width: 30%;">Odbiorca Destinataire Consignee</th> </tr> <tr> <td>Przewoźne Prix de transport Carriage charges</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bonifikaty Réductions Deductions</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Saldo / Solde / Balance</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Dopłaty Suppléments Supplem. charges</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Koszty dodatkowe Frais accessoires Miscellaneous</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ubezpieczenie</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Razem, Total Total to be paid</td> <td></td> <td></td> <td></td> </tr> </table>			Do zapłaty A payer par: To be paid by	Nadawca Expéditeur Sender	Waluta / Monnaie / Currency	Odbiorca Destinataire Consignee	Przewoźne Prix de transport Carriage charges				Bonifikaty Réductions Deductions				Saldo / Solde / Balance				Dopłaty Suppléments Supplem. charges				Koszty dodatkowe Frais accessoires Miscellaneous				Ubezpieczenie				Razem, Total Total to be paid			
Do zapłaty A payer par: To be paid by	Nadawca Expéditeur Sender	Waluta / Monnaie / Currency	Odbiorca Destinataire Consignee																																		
Przewoźne Prix de transport Carriage charges																																					
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Dopłaty Suppléments Supplem. charges																																					
Koszty dodatkowe Frais accessoires Miscellaneous																																					
Ubezpieczenie																																					
Razem, Total Total to be paid																																					
21 Wystawiono w Etablie à Established in Ochtrup			15 Zapłata / Remboursement / Cash on deliver 24.03.25																																		
22 Podpis i stempel nadawcy Signature et timbre de l'expéditeur Signature and stamp of the sender			23 Podpis i stempel przewoźnika Signature et timbre du transporteur Signature and stamp of the carrier ATS LOGISTICS Spółka z ograniczoną odpowiedzialnością 63-810 Borek Wlkp., ul. M. Konopnickiej 20 NIP 6961878971 REGON 361827553																																		
24 Przesyłkę otrzymano / Marchandises reçues / Goods received Miejscość Lieu Place			dnia le on 20 20 20																																		

Rubryki obwiedzione lustrymi liniami wypełnia przewoźnik.
 Les parties encadrées de lignes grasses doivent être remplies par le transporteur.
 The spaces framed with heavy lines must be filled in by the carrier.

włącznie oraz
 y compris et
 Including and

Do wypełnienia pod odpowiedzialnością nadawcy
 A remplir sous la responsabilité de l'expéditeur
 To be completed on the sender's responsibility

d'après Modèle IRU 1976
 druk: Unidruk - tel./fax 32 769 57 57

* W przypadku przewozu towarów niebezpiecznych, oprócz ewentualnego posiadania zaawansowania, należy podać w ostatnim wierszu: klasę, liczbę oraz w danym przypadku, numer.
 * En cas de marchandises dangereuses indiquées, outre la certification éventuelle, à la dernière ligne du cadre, la classe, le chiffre et le cas échéant, la lettre.
 * In case of dangerous goods mention, besides the possible certification, on the last line of column the particulars of the class, the number of the letter, if any.

Tobermore Order No.	Your Order No.	Load No.	Delivery Note No.	Estimated Delivery Date	Item Description	Quantity	UOM
SO755269	A N CONSTRUCTION SOLUTION LTD Crown Trading Centre Hayes UB3 1DU						
	T00301243	L301535	DEL794488	23/06/2025	Hydropave Fusion 200x100x80mm Graphite Hand Lay	48	SQM



WARRANTY OF GEOMEMBRANE INSTALLATION WORKS

This records that all the installation procedures have been fulfilled and passed by the Quality Engineer of Hewitech UK Ltd and that the welds conform to IFGW / BGA standards.

Should the liner or welded seams be found to be of sub-standard quality within a period of 30 years they will be repaired/replaced free of charge subject to correct backfilling procedures being carried out.

CONTRACTOR J B Structures

SITE Crown Trading Estate Hayes

Work completed; 3 attenuation tanks as below –

Tank Ref	Length m	Width m	Depth m	Volume m3	Effective Storage
Tank 1	55.8	2.4	0.80	107.14	101.78
Tank 3	19.2	4.2	0.80	64.51	61.29
Tank 2a	61.2	3.6	0.80	176.26	167.44
Tank 2b	10.8	2.4	0.80	20.74	19.70
	Total	Size		368.6	350.21

Relevant Insurance covers are as follows -

Insurer Chaucer Policy Number UK GLB 8944191

Employers Liability £10,000,000

Public Liability £5,000,000

Products Liability £5,000,000

Insurer Hiscocks

Policy Number HU P16 1862611

Professional Indemnity £250,000

HEWITECHUK LTD
Unit 2
Andoversford Industrial Estate
Andoversford
Cheltenham
Gloucestershire
GL54 4LB
Telephone 01242 821678
Fax 01242 821510
Registered in England No. 08225079

Business Description Plastic Products, sales, advice and installation

A handwritten signature in dark ink, appearing to read 'D A Fozzard', is written over a light blue rectangular background.

Sign

Date 20.12.2023

D A Fozzard Managing Director



Hewitech Variobox & Controlbox Product Manual

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Introduction

About Hewitech

Hewitech is a major European extrusion and injection molding plastic manufacturer based in Ochtrup, Germany. Since 1993 Hewitech has been developing and producing plastic solutions for cooling towers, stormwater management and waste-water applications.

We believe our investment in modern in-house tooling is the reason behind Hewitech's quality products. Our machines run automatically to ensure continual production with the highest level of quality control.

Hewitech now employs over 100 people with production in Poland, Russia, Romania, England as well as Germany

Hewitech originated in the field of Customised Engineering. After a sustained period of growth Hewitech then expanded into the Plastic injection molding industry. Specialised processes for cooling tower installations were soon added to our portfolio, which included a twin cooling tower for testing and measuring, leading the way in research and development.

Injection molding

Injection-molded components are continuously innovated and developed for our markets. Specialised production processes and continuous testing of new materials in our in-house test facilities guarantee precision and high performance.

Research and Development

Potential innovations are modeled in the Hewitech CAD design department. Our in-house CNC tool-making and advanced mechanical engineering expertise deliver the shortest possible development and production time for new machinery and plastic components.



Variobox Plus and Variobox Traffic



Product Type

Defined by module height e.g. Variobox 200 = Variobox 600 x 600 x 200mm height

Weight & Volume

	Type 100	Type 150	Type 200	Type 300	Type 400	Type 600
Length	600mm	600mm	600mm	600mm	600mm	600mm
Width	600mm	600mm	600mm	600mm	600mm	600mm
Height	100mm	150mm	200mm	300mm	400mm	600mm
Structure Volume m3	0.036	0.054	0.072	0.108	0.144	0.216
Storage Volume m3	0.034	0.0513	0.0684	0.1026	0.1368	0.2052
Weight	1.8kg	2.7kg	3.6kg	5.4kg	7.2kg	10.8kg

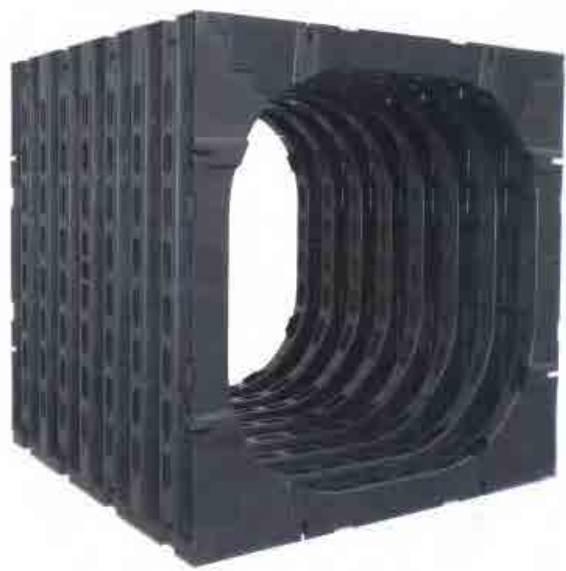
Short Term Compressive Strength

Product	Vertical	Lateral
Variobox Plus	700kN/m2	200kN/m2
Variobox Traffic	400kN/m2	100kN/m2

Volumetric Void Ratio 95%

Average effective perforated surface area 60%

Controlbox



Weight & Volume

	Type 300	Type 600
Length	300mm	600mm
Width	600mm	600mm
Height	600mm	600mm
Structure Volume	.108m ³	.216m ³
Storage Volume m ³	.103m ³	.205m ³
Weight	5.18kg	10.36kg

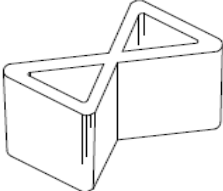
Short Term Compressive Strength

Vertical	Lateral
200kN/m ²	200kN/m ²

Volumetric Void Ratio

95%

Ancillaries

<u>Control End Plate</u>	<u>Cross Connector</u>	<u>Shear Connectors</u>	<u>Lug Connectors</u>
			

Legislation and Standards

Surface water attenuation systems should be designed in accordance with current planning regulations – England, Planning Policy Statement 25 – Development and Floods, Wales, Technical Advice Note 15, and covered in Scotland by Planning Advice Note 61.

The *Floods and Water Management Act 2010* became law in April 2010. The Act defines the assessment of flood risk and mitigating measures within Sustainable Drainage Systems (SUDS). In the near future enactment of the measures and approval of systems will be the responsibility of newly founded SUDS Approval Bodies (SABs)

Soakaway storage volumes and surface area are designed in accordance with *BRE Digest 365* or *CIRIA Report 156*.

Variobox tank structures should be designed following guidance within *CIRIA C680 "Structural Design of Modular Geocellular Drainage Tanks"*.

Site installations should be compliant with recommendations within *CIRIA C697 – "The SUDS Manual"* and *CIRIA C698 "Site Handbook for the Construction of SUDS"*

Design Considerations

Minimum Cover Required

Variobox Traffic and Variobox Plus

Car Park areas 600mm

HGV trafficked area 800mm

For lesser cover a detailed design is necessary, please contact Hewitech technical department

Maximum Burial Depth

A detailed design in accordance with *CIRIA C680 "Structural design of modular geo-cellular drainage tanks"* to take into account live and dead loads imposed and soil conditions should be carried out.

For assistance with calculations to define the design loads, please contact Hewitech technical department who have software compliant with C680 calculations.

Factors of Safety

Partial factors of safety should be applied to material properties and loads.

For Variobox the following material factors should be used:

Ultimate Limit State – 2.75

Serviceability Limit state – 1.5

Appropriate partial safety factors for loads in the ultimate limit state are typically:

Live load – 1.5 and Dead load – 1.35

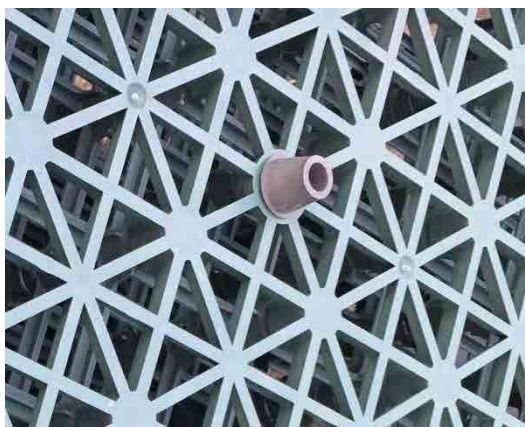
Installation

Variobox and Controlbox

Adjacent single rows of Variobox using Cross Connectors. This is also the jointing method for the top row of units.



Two rows of Variobox and Controlbox above one another can be joined vertically the Shear Connector.



Varioboxes are connected laterally to Controlboxes with Lug Connectors.

Controlboxes are connected to other Controlboxes longitudinally with Cross Connectors.

Attenuation Membranes

Membranes are installed following guidelines within CIRIA 698 Site handbook for the construction of SUDS_C698_states – “All storage tanks should be fully sealed in accordance with waterproofing standards, i.e. Welded joints rather than adhesive tape, and the integrity of the seal checked through non-destructive testing, to ensure it is leak-proof”.

Wedge Welding techniques, (conforming CQA standards taken from landfill applications), are employed to seal membrane sheets, which are then air tested to ensure the integrity of the joint.



Hewitech's dedicated installation team provide a quality assured supply and fix site installation service to industry standards.

Hewitech Installation is a SMAS “Worksafe” contractor as recognised by SSIP – Safety Schemes IN Procurement – SMAS certificate number 22365

Hewitech Soakaway Geotextile Specification – HSG1000

Mechanical Properties	Test Method	Units	HSG1000
Tensile Strength – MD	EN ISO 10319	kN/m	6.0
Tensile Strength – XD	EN ISO 10319	kN/m	6.0
Elongation at break – MD	EN ISO 10319	%	40.0
Elongation at break – XD	EN ISO 10319	%	40.0
CBR Puncture Resistance	EN ISO 12236	N	1000
Dynamic Cone Drop	EN ISO 13443	mm	40.0
Protection Efficiency	EN ISO 14574	N	48.0

Hydraulic Properties	Test Method	Units	HSG1000
Characteristic Opening Size	EN ISO 12956	μm	140.0
Permeability	EN ISO 11058	m/s	120×10^{-3}
Waterflow normal to the plane	EN ISO 11058	$1/\text{m}^2.\text{s}$	120
Waterflow in the plane	EN ISO 12958	m^2/s	1×10^{-7}

Physical Properties	Test Method	Units	HSG1000
Thickness under 2 kPa	EN ISO 9863-1	mm	0.80
Weight	EN ISO 9864	g/m^2	80
Roll Size		m	4.5 x 100m

Hewitech Attenuation Protective Fleece Specification - HPF40

Mechanical Properties	Test Method	Value	Tolerance
Tensile Strength MD	EN ISO 10319	40 kN/m	-5.2 kN/m
Tensile Strength CD	EN ISO 10319	40 kN/m	-5.2 kN/m
Elongation MD	EN ISO 10319	55%	+/-12.7%
Elongation CD	EN ISO 10319	55%	+/-12.7%
Static puncture resistance – CBR	EN ISO 12236	6.50kN	-1.30 kN
Dynamic perforation resistance – cone drop	EN ISO 13433	5mm	+1.3mm
Protection efficiency	EN ISO 14574	617N	-123.4N

Hydraulic Properties	Test Method	Value	Tolerance
Water permeability normal to the plane	EN ISO 11058	$35 \times 10^{-3} \text{ m/s}$	$-11 \times 10^{-3} \text{ m/s}$
Water flow normal to the plane	EN ISO 11058	$35 \text{ l/ m}^2.\text{s}$	$-11 \text{ l/ m}^2.\text{s}$
Water flow capacity in the plane 20kPa	EN ISO 12958	$8,5 \times 10^{-6} \text{ m}^2/\text{s}$	-10% log g
Characteristic opening size (AOS)	EN ISO 12956	70,0 μm	+/-21.0 μm

Physical Properties	Test Method	Value	Tolerance
Thickness under 2 kPa	EN ISO 9863-1	3,00 mm	+/-0.60mm
Composition	100% polypropylene non-woven geotextile		
Durability	Predicted to be durable for a minimum of 25 years in natural soil with 4 < pH<9 and soil temperatures <25°C		

Attenuation Standard Membrane Specification .75mm

Tested Property	Unit	Test Method	Value
Thickness	mm	UNE EN 1849-2	0.75
Confidence level 95%	%	-	Tolerance ±6
Confidence level 90%	%	-	Tolerance ±4

Tensile Properties (*)	Unit	Test Method	Value
Tensile strength at break	N/mm	UNE-EN ISO 527 (type V)	23(19)
Elongation at break	%	UNE-EN ISO 527 (type V)	≥700
Tear Resistance	N	ISO 34-1	≥75
Puncture Resistance	KN	UNE-EN ISO 12236	2.10
Exploding Resistance	%	Pr EN 14151	<15
Dimensional Stability	%	UNE EN ISO 14632 (100-C, 1h)	±1.5

	Parameter	Units	0.75
PRESENTATION (Standard Sizes)	Roll Width	m	6/6.30
	Roll Length	m	280
	Surface	m ²	1680/1764

Attenuation Membrane for Contaminated Land Specification 1mm

Tested Property	Unit	Test Method	Value
Thickness	mm	UNE EN 1849-2	1.00
Confidence level 95%	%	-	Tolerance ±6
Confidence level 90%	%	-	Tolerance ±4

Tensile Properties (*)	Unit	Test Method	Value
Tensile strength at break	N/mm	UNE-EN ISO 527 (type V)	31 (26)
Elongation at break	%	UNE-EN ISO 527 (type V)	800 (>750)
Tear Resistance	N	ISO 34-1	≥100
Puncture Resistance	KN	UNE-EN ISO 12236	2.50
Exploding Resistance	%	Pr EN 14151	<15
Dimensional Stability	%	UNE EN ISO 14632 (100-C, 1h)	±1.5

	Parameter	Units	1.00
PRESENTATION	Roll Width	m	6

(Standard Sizes)	Roll Length	m	210
	Surface	m ²	1260

System Access and Maintenance

The Hewitech system offers two maintenance channel options dependant on structure size.

Large Tanks



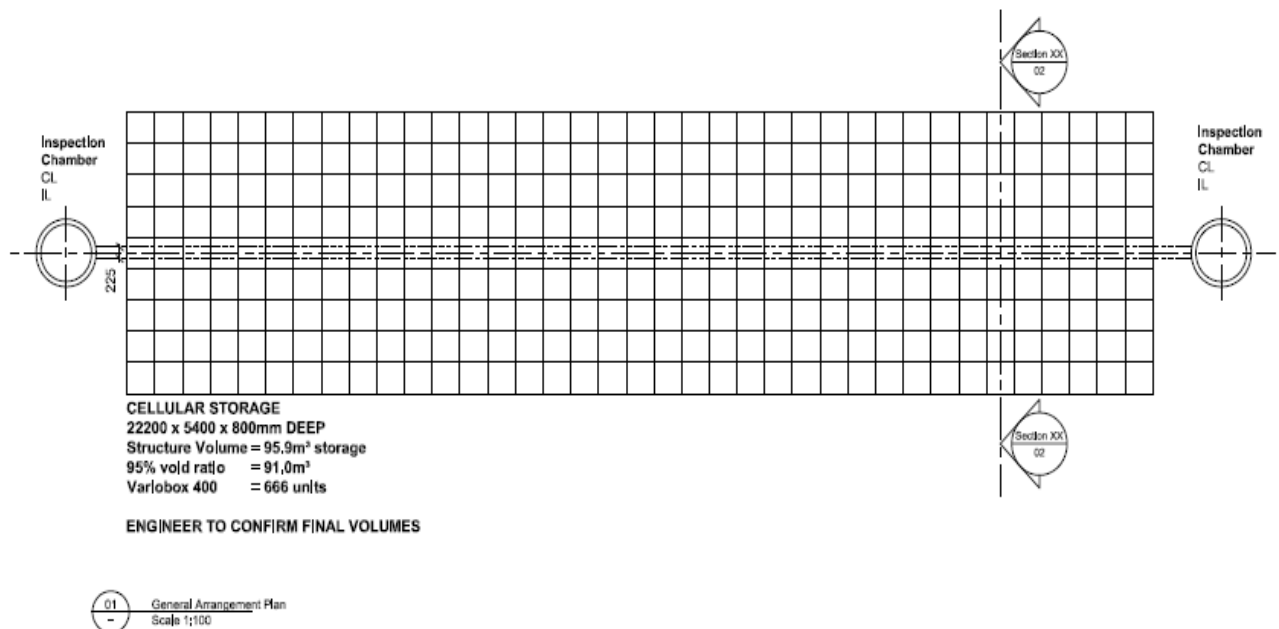
Controlbox 500mm Access

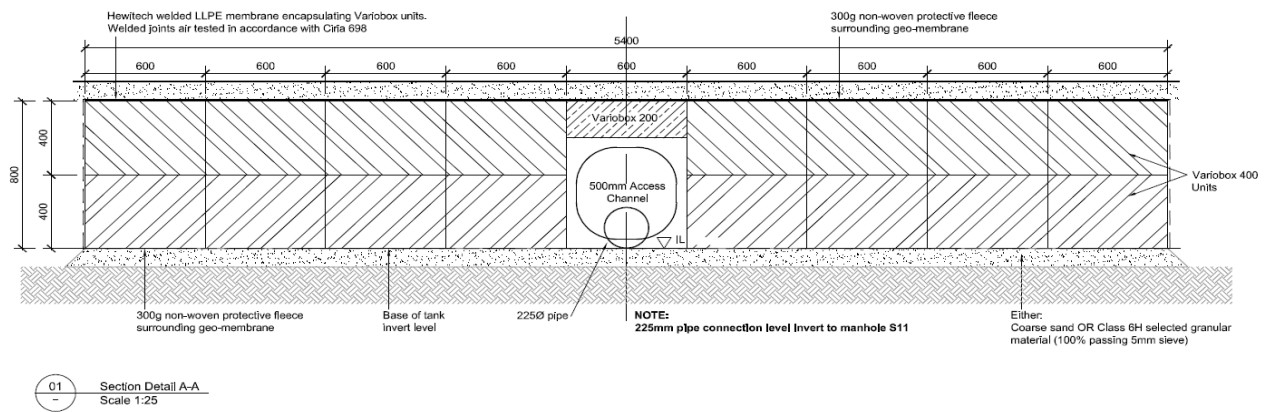
Small Tanks



Variobox 170mm Access

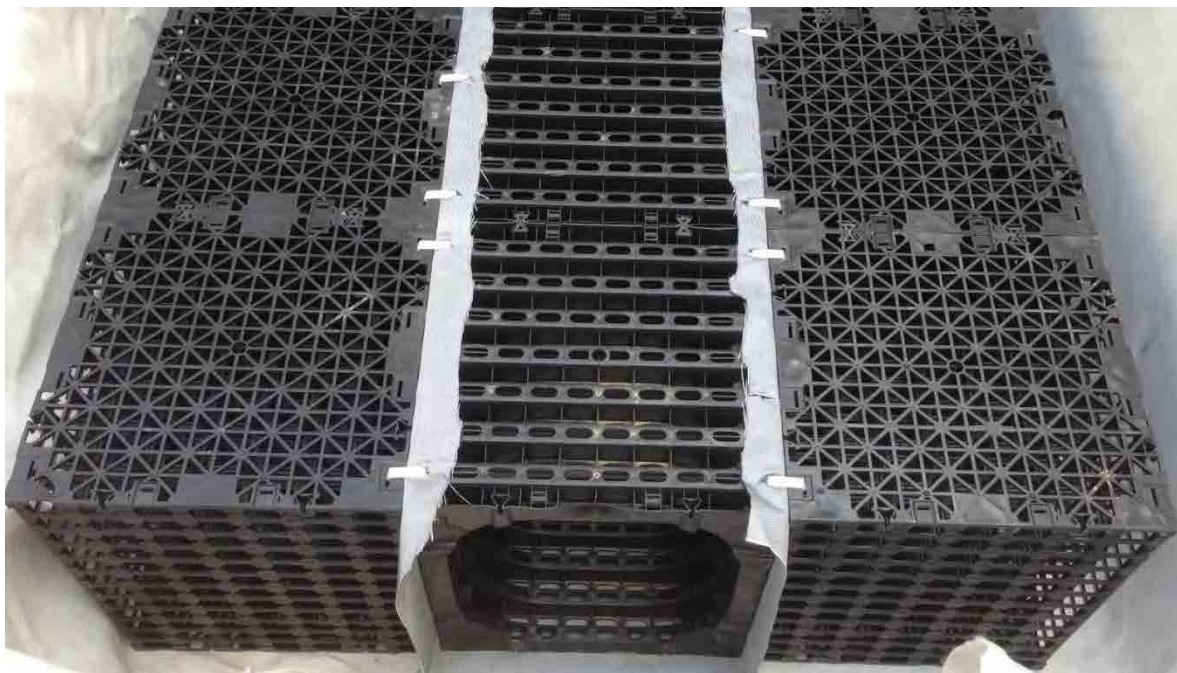
Attenuation systems should be designed with access upstream to downstream manhole through the tank.





Siltation Control

For siltation control wrap the Controlbox 500mm access channel and maintenance channel with a needle punched non-woven geotextile (HSG100). Any silt entering the system will be contained within the Controlbox maintenance channel.



Debris and silt entering the system can be removed using standard industry jetting techniques via the upstream or downstream manhole.



Site Construction Sequence

Installation procedures should be carried out in accordance with the Health and Safety at Work Act (1974) and any other relevant legislation. Special attention should be paid to temporary work requirements in excavations.

Excavate to the required plan dimensions and level, ensuring that the excavation orientation will allow easy installation of connecting pipework. Consideration should be given to maintaining construction plant access for reinstating around the installed Variobox units. A minimum 300mm working space is required around the structure but 500mm is recommended for safe working practice.

Ensure that the ground bearing capacity at the formation level is sufficient for the proposed operational loads. The base of the excavation should be smooth and level, free of large stones and soft spots. Any soft spots should be excavated and replaced with suitable compacted granular material.

a) Attenuation Application

Place and compact a 100mm thick bedding layer of coarse sand. The base should be level and free of any undulations. Line the base and sides of the excavation with a 300g needle punched non- woven protective geotextile before placement of the impermeable geomembrane.

Install the geomembrane. Hewitech or the contractor seals the joints by wedge welding in accordance *Ciria 698 Site Handbook For The Construction of SUDS*, making an allowance for the connecting pipework or adapters. To ensure that the integrity of the geomembrane has been maintained, it is recommended that an inspection of the material is carried out, and welded joints are air tested in accordance with *Ciria 698 Site Handbook for the Construction of SUDS*.

If water is present, we recommend that the excavation depth is over dug by 200mm, with a base layer of 'TERRAM', overlaid by 150mm of compacted 'Type 1 road stone', topped off with a 50mm layer of pipe bedding. A sump should be excavated below the base layer of stone to allow the extraction of water via a drainage pump.

Variobox connectors are placed between all layers of Variobox units to give structural support to the tank. Sufficient Variobox clips are placed connecting Variobox units to maintain rigidity of the tank prior to backfilling the sides, the adjacent units being connected with two Variobox clips.

Place the Variobox crossconnector into the recess at the edge of the unit, two per unit as indicated. Place a shear connector in the middle of the Variobox and install the next layer of Variobox units, positioning the units in the upper layer so that they exactly mirror the position of the units in the lower layer. Repeat the above procedure until the necessary depth of Variobox structure has been achieved.

Pipe connections to the tank are made by cutting out the Controlbox End Plate and inserting a length of pipe, or by forming the membrane around a pipe coupler.

A Variobox attenuation structure requires ventilation to ensure proper hydraulic performance. Consideration should be given as to how this ventilation is to be installed, generally utilising a vent pipe to the downstream manhole (detail1), or alternatively a vertical vent pipe (detail 2). One 110mm vent pipe per 7500m² of drained area is recommended within *CIRIA C680 Structural Design of Modular Geocellular Drainage Tanks*.

Complete the geomembrane encapsulation of the entire Variobox structure, forming and testing joints where appropriate. Complete the geotextile protective fleece encapsulation of the Variobox structure, re-examining the geotextile for damage and joint integrity.

b) Soakaway Application

The installation sequence is the same as the attenuation sequence with the following amendment

- 300g protective fleece and geo-membrane are not required
- the Soakaway tank is surrounded in a needle punched non- woven geotextile (see page 8 – HSG1000 specification)

Contractor

Backfill around the sides of the encapsulated units, forming a thick layer of coarse sand or Class 6H selected granular material immediately adjacent to the units. Where required, remaining excavated areas around the units should be backfilled with Class 6N or 6P selected granular material, in accordance with *MCHW, Volume 1, Series 600* or similarly approved specification.

Above the wrapped Variobox units, place and lightly compact a minimum 100mm thick layer of either coarse sand or Class 6H selected granular material (with 100% passing the 5mm sieve), in accordance with *MCHW, Volume 1, Series 600*.

Final backfilling of the installation is dependent on the expected operational loads. (NB. Compaction plant over and immediately adjacent to the Variobox units shall not exceed 2300 kg/m width).

Field conditions (e.g. landscaped areas)

The backfill material that lies within 300mm above the Variobox units should be free from particles exceeding 40mm in diameter, in accordance with Class 8 material to *MCHW, Volume 1, Series 600*. Final backfilling up to finished ground level may be achieved using selected as-dug material. Backfill material should be placed and compacted in layers no greater than 300mm, or in compliance with the approved specification.

Lightly trafficked (e.g. restricted access car park)

Backfill with Class 1 or 2 material in accordance with *MCHW, Volume 1, Series 600*. Backfill material should be placed and compacted in layers not greater than 150mm. Where the Variobox units are installed beneath a paved area, the pavement sub-base may form part of the backfill material provided that minimum cover depths are maintained.

Heavily trafficked (e.g. service areas or roads)

Contact Hewitech for further information and guidance. Hewitech can provide site specific calculations including live and dead loads to ascertain product and design suitability.

Complete pavement construction or landscaping over the Variobox system.

It should be noted that infiltration systems are not generally installed under roads due to the reduction in load bearing capacity of saturated soils. Specialist advice should be sought where this type of installation is proposed.

In attenuation and soakaway systems, where groundwater may be present, a buoyancy check should be undertaken by a qualified engineer to ensure that the imposed overburden pressure exceeds any uplift forces generated.

Storage and Transport

Variobox and Controlbox units are stored on pallets 4 units per layer, with a product height of either 2.4m or 2.8m dependant on transport requirements.

Pallets should be offloaded with suitable machinery with fork attachments.

Machinery used for offloading and transportation must be LOLER rated for the application and conform to current safety requirements.

Technical Support

For further technical support please visit the Hewitech website or contact Hewitech Technical Services:

- Telephone 01242 821678
- Fax 01242 821510
- Email sales@hewitech.co.uk
- Web www.hewitech.co.uk

This information is of a generic nature and is provided for guidance purposes only. Final determination of the suitability of any information or material for your intended use will be site specific, and as such the manner of use is your sole responsibility, for which you must assume all risk and liability in this regard. This information is not intended to have any legal effect, whether by way of advice, representation or warranty.

Particular application and specific site conditions can be discussed in further detail with our technical representative.

APPENDIX D 106 AGREEMENT WITH THAMES WATER REGARDING FOUL



Iesis Group – Mr Alan Werrett
Crown Trading Centre, Clayton Road, Hayes
London, Greater London
UB3 1DU

DS reference DS6103699

developer.services@thameswater.co.uk

0800 009 3921

Monday to Friday, 8am to 5pm

thameswater.co.uk/developerservices

17 May 2023

Notice of consent to connect to a public sewer / public lateral drain

Site address: Crown Trading Centre, Clayton Road, Hayes, London, Greater London UB3 1DU

Dear Mr Alan Werrett,

Thank you for your application for a new sewer connection at the above address.

We are pleased to inform you that we have given our conditional consent for your proposed connection(s) to the public sewer under Section 106 of the Water Industry Act 1991.

What is this consent for?

This consent is given solely for the legal right of communication (i.e. method/mode of connection) with the public sewer, in accordance with the description below.

This consent does not guarantee capacity exists within our network. For capacity-based enquiries or preplanning concerns regarding our network please make a Pre-Planning Enquiry application. Applications can be made on the Thames Water website.

This Consent does not give you any inferred right to enter or cross land owned by a third party and must not be used to discharge any drainage-related planning conditions. You will be responsible for obtaining any necessary licences and/or permission from the highway authority, planning authority and/or private/third-party landowners.

Inspections and Completion certificates

We will need to physically inspect the connection to our sewer before you backfill the trench. Please call us on 0800 009 3921, at least **ten working days** prior to backfilling the connection works to schedule an inspection visit. Please refer to the "Conditions of Consent (5)" for further details.

When the connection has been completed satisfactorily, a completion certificate will be issued. This certificate authenticates the standards to which your connection works were carried out and does not infer adoption of your new drains or sewers. You will be responsible for repairs and maintenance of all drains including those outside your site boundary. You will need to submit an adoption agreement under section 102 or 104 of the Water Industry Act if you want us to adopt any of your drains or sewers. You can do this via

<https://developers.thameswater.co.uk/Developing-a-large-site/Apply-and-pay-for-services/Wastewater-services/Adopting-sewers-and-other-assets>



Sewer Connection Quotes

If you would like us to carry out the connection works on your behalf, we will provide you a quote and deliver in accordance with the below.

Waste connection only (no pipe laying)

We will discuss the requirements with you and quote for the works required and charge in accordance with section 7 (pages 25-28) of our current fixed price charging arrangements.

lateral drain and sewer requisitions

Waste connections including pipelaying for the provision of a lateral drain (pipe serving one property or one curtilage) and/or a new sewer (pipe serving more than one property).

If there is no public sewer easily accessible to your property or your site has no means to connect your lateral drain and/or sewer due to third party land, you can requisition (formally request) Thames Water to lay these pipes as part of our public network under Section 98-101 of the Water Industry Act 1991. Please refer to section 8 (pages 29-31) of our current charging arrangements.

You can estimate the costs for these connections yourself by referring to section 7 and 8 of our current charging arrangements [here](#).

Our consent is subject to the conditions below:

Location	Description
Crown Trading Centre Clayton Road, Hayes London, Greater London UB3 1DU	<u>FOUL - Direct Foul water Connection</u> 1 x 225mm internal diameter direct foul water connection into an existing 300mm internal diameter foul water sewer located in Clayton Road via an existing manhole chamber referenced TQ09794609 in accordance with Code for Adoption sewerage. As per drawing No. JR006098-ISS-XX-ZZ-DR-C-3004T03

Please note that we will allow ONE amendment to be made to this consent within 12 months from date of issue. Any more than ONE amendment within this time period will entail additional fees. Any amendments sought beyond this time period will require a new application to be submitted.

The reference number for your application is DS6103699 please quote this in any future correspondence.

If you're proposing to build within three metres of a public sewer, or within one metre of a lateral drain, you'll need to apply to us for a separate build over agreement. You can do this via thameswater.co.uk/buildover.



If you've any queries, please call our helpdesk on 0800 009 3921 (8am to 5pm, Monday to Friday) or email developer.services@thameswater.co.uk.

Yours sincerely,

A handwritten signature in blue ink that reads "Ciara O'Connor".

Ciara O'Connor on behalf of Thames Water

Technical Coordinator – Wastewater Connections



Conditions of Consent

1. This consent is subject to conditions that may be imposed through the planning process.
2. An infrastructure charge will be payable as a result of connecting a property to the Public Sewerage System for the first time for domestic purposes by virtue of Section 146(2)b of the Water Industry Act 1991. We will invoice this charge separately if applicable.
3. Where the connection is to be made to a public sewer in third party land (i.e. outside your site boundary including public land), it is recommended that a demarcation chamber is constructed on the lateral drain at the property boundary, or as near to the property boundary as possible. The demarcation chamber and lateral drain will not be adopted as part of the section 106 agreement. You will need to submit an adoption agreement under section 102 or 104 of the Water Industry Act if you want us to adopt any of your private drains or sewers. You can do this via <https://developers.thameswater.co.uk/Developing-a-large-site/Apply-and-pay-for-services/Wastewater-services/Adopting-sewers-and-other-assets>
4. All materials used and standard of sewer connection works should be in accordance with Code for Adoption sewerage. Where the connection is to be constructed in plastic, please confirm the standards of materials to be used with a technical coordinator/project engineer prior to carrying out the connection. Please ensure that the specification sheet/documents for the plastic materials used are kept for review by the field engineer. Please refer to the attached Construction and Connection guide for best practice.
5. It is your responsibility to ensure that your works are inspected before the trench is backfilled. You must arrange our attendance by calling 0800 009 3921 and giving us at least ten working days' notice. If the connection cannot be inspected by a field engineer for any reason, we may request that the trench is reopened for inspection or require additional information deemed necessary for us to approve the connection. Where a connection is made via a heading/tunnelling or a field engineer cannot attend site within the agreed ten working days' notice period required, we may, in exceptional circumstances accept photographs and/or a CCTV survey report and footage subject to prior agreement with a Technical Coordinator or Project Engineer.
6. It is your responsibility to confirm the exact location, diameter, and invert levels of the public sewer prior to making the connection. You will be held liable for any misconnection (i.e. foul water discharge to a surface water sewer or surface water discharge to foul water sewer) resulting from this connection. Where you are making an indirect connection, you should carry out connectivity surveys to confirm the type of sewer your existing private drains connect to and take appropriate action to rectify if you find cross connections.
7. Connections into manholes must be made with soffits level and must enter 'with the flow'. Backdrops must be constructed outside the manhole chamber.
8. Junction connections must be made by cutting in a purpose made oblique or swept junction fitting of the same material as the public sewer, jointed using flexible couplings. Core drilled saddle connections are usually not permitted on sewers smaller than 375mm (unless otherwise approved by a Technical Coordinator/Project Engineer in writing).



Where a core drilled saddle connection is approved, a flexible saddle fitting must be used to ensure that no part of the new drains protrude into the existing sewer. We do not accept clay saddles attached to the public sewer with mortar.

9. Some Infill/recessed manhole/chamber covers are permitted on adoptable drains/sewers in accordance with the attached construction and connection guide.
10. All connections to the public sewer should be via a gravity-fed pipe. A direct connection of a rising/pumped main to the public sewer is not permitted. Where there is a proposed connection from a pump station, a break chamber should be installed at the end of the pumped main to ensure that flows into the public sewer are via gravity for a minimum of 5m
11. It is your responsibility to ensure that your appointed private drainage contractor is competent and has all relevant permits necessary to carry out the connection. You will be responsible for obtaining any easements for crossing third party land and licences from the highway authority. All requirements of the highway authority must be observed and signing, guarding and lighting will be required at all times in accordance with Chapter 8 of the Department of Transport's Traffic Signs Manual 2009.
12. Where there is a proposed discharge from a private pumping station and rising main system, it is your responsibility to design the system to ensure acceptable discharge levels of hydrogen sulphide (H₂S), this can be achieved by ensuring that all effluent is cycled through the pumping station and rising main within a maximum of six hours to prevent septicity. Where necessary, preventative measures to ensure H₂S cannot build up to dangerous levels in the system should be installed. You will be responsible for the ongoing maintenance and monitoring of the private system. Hydrogen sulphide is a major public health risk and causes serious damage to the receiving sewerage network which may result in a third party damage claim against you under Section 111 of the Water Industry Act 1991.
13. Under no circumstances should foul water be discharged into the surface water sewerage system. Surface water drainage must not discharge to the foul sewerage system unless otherwise stated in the description above. If you want to discharge surface water directly to a soakaway or to a watercourse, then you will need to obtain the consent of the Environment Agency or the Lead Local Flood Authority.
14. All proposed discharge of surface water flows must be in accordance with the site's drainage strategy as approved by planning application, which should specify the final discharge rates and volumes. Sites proposing to discharge surface water flows with no planning requirement must connect into the nearest surface water sewer unless otherwise agreed by Thames Water.
15. Only the connections detailed in the enclosed notice are approved by Thames Water. No other works affecting the public sewerage system may be carried out without Thames Water's written consent.
16. Confined space entry procedures must be observed when breaking into the existing public sewerage system.



17. Where the developer/owner/occupier proposes to discharge trade effluent into the public sewer, a trade effluent consent will be required. Trade effluent can be best described as anything other than domestic sewage (toilet, bath or sink waste) or uncontaminated surface water and roof drainage (rainwater). For enquiries and application forms contact your Retailer or visit the Thames Water website at <https://wholesale.thameswater.co.uk/Wholesale-services/Business-customers/Trade-effluent>



Hazard information

Third-party connection to sewers

Anyone wishing to connect their property to a Thames Water sewer must comply with the requirements of Section 106 of the Water Act 1991, as amended.

Significant Hazards

We strongly recommend that before carrying out work to connect to our sewers, you consider the following significant hazards:

- Oxygen deficiency
- Toxic gases, fumes or vapours
- Explosion (methane, petrol)
- Flooding
- Physical injury (slips, trips, falls)
- Infections from sewage (Weils disease)

Confined spaces

Particular care must be taken before entering or working in confined spaces. A confined space is defined as any place in which, by virtue of its enclosed nature, there arises a foreseeable specified risk. A specified risk is a risk of any of the following:

- Serious injury from a fire or explosion
- Loss of consciousness due to an increase in body temperature
- Loss of consciousness or asphyxiation arising from gases or the lack of oxygen
- Drowning arising from an increase in the level of a liquid

In addition:

- When detailing the private drainage, you should assume that the public sewer might occasionally surcharge up to ground level, and particular care is needed where development is proposed in low lying areas.
- Before entering any Thames Water asset a competent person must carry out an assessment to determine the need for entry and a safe system of work to be applied.
- Children and young persons must not enter the workspace.
- After the sewer connection work, it is important to wash before eating, smoking or treating cuts and abrasions. It is also important to avoid infection by maintaining strict personal hygiene and effective care of cuts and abrasions.

APPENDIX E: MAINTENANCE AND MANAGEMENT REGIME

The Management Company

The responsibility for maintenance of all elements of the development remain with the developer until handed over to the Management Company.

Handover of external works to the Management Company coincides with completion of the final residential unit.

The Management Company employs a specialist Managing Agent to manage the development which includes all aspects of maintenance.

The Management Company BI registered No. 'tbc' was incorporated in 'tbc' and its directors are currently made up of the developer representatives plus an appointment from the Managing Agent.

The Managing Agents are 'tbc' who have over 'tbc' years' experience in the industry.

At handover the Management Company and Managing Agent receive as built information together with operating and maintenance manuals which detail all maintenance protocols.

Approximately 1 year following completion of the final unit the residents will be invited to elect members to become directors of the Management Company, the developer appointed directors at that time resign from the Management Company to be replaced by the elected representatives of the residents.

To ensure continuity and a full understanding of the development and the operation and maintenance of its various components the representative of the Managing Agent remains as a director of the Management Company and the appointment of the Managing Agents is fixed for a minimum period of two years following the date of resignation of the last developer director.

After that two year period the Management Company have the right to re-tender the Managing Agent services but it is very rare that a change is made as our original appointments provide an excellent service.

Within the first two years from the final unit completion on the development the residents have two ways in which they can report any defects and problems which would include flooding and that is either to our Aftersales department or to the Managing Agents, the residents are issued with telephone numbers for both which include out of hours emergency response.

After two years our Aftersales contacts are normally replaced by members of the Management Company. The residents therefore have the ability to contact them or the Managing Agents which then remains through the life of the development.

Attenuation (and surface water drainage system generally)

Cellular storage is incorporated into the site-wide drainage and SuDS strategy. |This takes the form of buried crate-based storage system.

The Management Company will ensure that the following measures are undertaken to ensure the longevity of this part of the system;

Quarterly

- i) Inspect the performance of the attenuation system by lifting the cover of the chamber(s) immediately upstream of each feature and check that the outlet pipe (into the crates) is free of obstruction and visible (ie not submerged). If the outlet pipe is submerged then remedial action may be required. Remedial advice to be sought from a suitably qualified consulting infrastructure engineer.

Every 6 months

- i) Remove silt build up from ***all*** catchpits and road gullies.

Annually

- i) Select approx. 20% of the development's surface water inspection chambers (situated in accessible non-private areas) and inspect for blockages / silt build up. Remove silt and debris. Rotate on a 5 yearly cycle to cover all such chambers over this period.

Every 2-5 years (depending on outcome of aforementioned inspections)

- i) Commission a CCTV survey and report on condition of the surface water piped drainage system upstream of the soakaways to check for structural integrity and hydraulic fluidity. Carry out promptly any remedial work as advised by CCTV company.

Permeable Paving

The permeable block paving areas are constructed in in order to;

- a) Delay the surface water runoff from paved areas, and
- b) Enhance the quality of the rainwater percolating through the construction layers before discharging into the below-ground drainage system.

The management company will ensure that the following measures are undertaken to ensure the longevity of the pervious pavement;

Quarterly

- i) Inspect the permeable pavement for signs of ponding and ensure there is no migration of soils from adjacent landscaped areas or other deleterious material that may prematurely clog up the jointing stone situated in the gaps between the blocks. Ideally this type of inspection should be undertaken immediately following a heavy rainfall event.
- ii) Commission vacuum sweeping and brushing of the pervious pavement to ensure joints are kept free of silt. Minimum 3 sweeping per year, thus;
 - a) End of Winter (April) – to collect winter debris
 - b) Mid-Summer (July/August) – to collect dust, flower and grass-type deposits.
 - c) After Autumn leaf fall (November)

The company commissioned to carry out this work should ensure that their vacuum equipment is adjusted accordingly to avoid removal of jointing material. Any lost material should be replaced promptly to avoid the blocks from being dislodged.

Last Resort Remedial Action

- i) Should a portion of the pervious pavement become substantially impervious due to excessive siltation, the following procedure should be followed;
 - a) Lift block paving and laying course
 - b) Break out underlying bitmac base layer and replace with similar compacted depth of course aggregate subbase material to BS EN 13242:2002 Type 4/20, wrapped in geotextile as Terram 1000 or similar.
 - c) Renew laying course, replace blocks and renew jointing material

NB. Material removed from the voids or the layers below the surface may contain heavy metals and hydrocarbons and as such may need to be disposed of as 'controlled waste'. Sediment testing should be carried out before disposal to confirm its classification and appropriate disposal methods.

Flow Control Chambers

Flow control chambers are to be maintained. Their maintenance regime shall be as follows:

Following installation of the Flow Controls any extraneous material i.e. Building materials are removed from the unit and the chamber. After the system is made live, the unit is to be inspected monthly for three months and thereafter at six monthly intervals with hose down if required. The Hydrobrake Flow Control is fitted with a pivoting by-pass door, which allows the manhole chamber to be drained down should blockages occur.

Following the drain down and clearance of the blockage the pivoting by-pass door must be returned to the closed position to enable the hydrobrake to function as designed.

The chambers are to be cleared checked for structural integrity at the six monthly interval. Any damage/problems should be made good as per the original design drawings.