

NB. CARE MUST BE TAKEN TO AVOID DAMAGING THE GEOCELLULAR CRATE SOAKAWAY DURING CONSTRUCTION. CRATES ARE NOT SUITABLE FOR TRAFFICKING HEAVY VEHICLES OR OTHER LOADINGS, SUCH AS CRANE BASES. CONTRACTOR'S METHOD STATEMENT AND INSTALLATION PROGRAM TO ENSURE NO ADVERSE LOADING TO CRATES UNLESS SPECIFICALLY ASSESSED AND APPROVED BY THE CRATE MANUFACTURER.

Works within the highway boundary subject to approval from Hertfordshire County Council. Refer to RGP drawings for details.

Hydrobrake flow control unit reference:
MD-SHE-0072-2000-0660-200
Design Flow: 2.0 l/s
S2.0 (Hydrobrake)
CL: 54.965
IL: 54.120 (level invert)

Contractor to expose existing pipe at connection point and confirm invert level of sewer to Engineer prior to commencement.

Perforated pipe laid at nominal fall through sub-base to distribute and collect attenuated surface water flows

Geocellular Sub-base replacement units beneath parking spaces.
Open graded porous sub-base to be laid beneath crates and aisle at 54.180m

Class 1 bypass separator, SPEL Stormceptor
204 C1/SC or similar approved.
IL In: 54.245m
IL Out: 54.195m
Cover Grade D400.
To be fitted with high level alarm. Control panel
and alarms to be extended into building. Location
TBC by M&E Engineer. Refer to Architect and
M&E drawings for power supply details.

Typical location of interceptor vent pipe in-
landscaping, location TBC by Architect

Typical duct route for
interceptor power and
alarm to be extended into
building, TBC by M&E
Engineer

WORKS TO THE EXISTING PUB
AND GARDEN AREA BY OTHERS.

- < Existing Soakaway chamber within pub garden to be retained.
- < Existing overflow to be diverted with new 100mm Ø overflow connection to S5.0 provided.
- < Overflow IL to be confirmed on-site prior to works commencing

New SWS run to be provided and any downpipes and drainage within garden area connected into existing chamber.
Drainage proposals subject to Landscape Arch design.

S6.0.1 (Type E CP)
CL: 55.695m
IL: 54.360m

flow control unit reference:
SHE-0041-7000-0075-7000
Design Flow: 0.7 l/s
S6.0 (Hydrobrake)
CL: 55.500m
IL: 54.325m (Level Invert)

Geocellular Crates - Tank 1
 SDS Geolight 800, or other similar approved.
 Area: 127m²
 Depth of Crates: 750mm
 Min. Depth of Cover: 600mm
 CL: 55.700m
 IL: 54.350m

- S6.0.4 (Type E C)
CL: 55.665m
IL: 54.360m
- S7.0 (Type C CP)
CL: 55.640m
IL: 54.370 (150Ø)

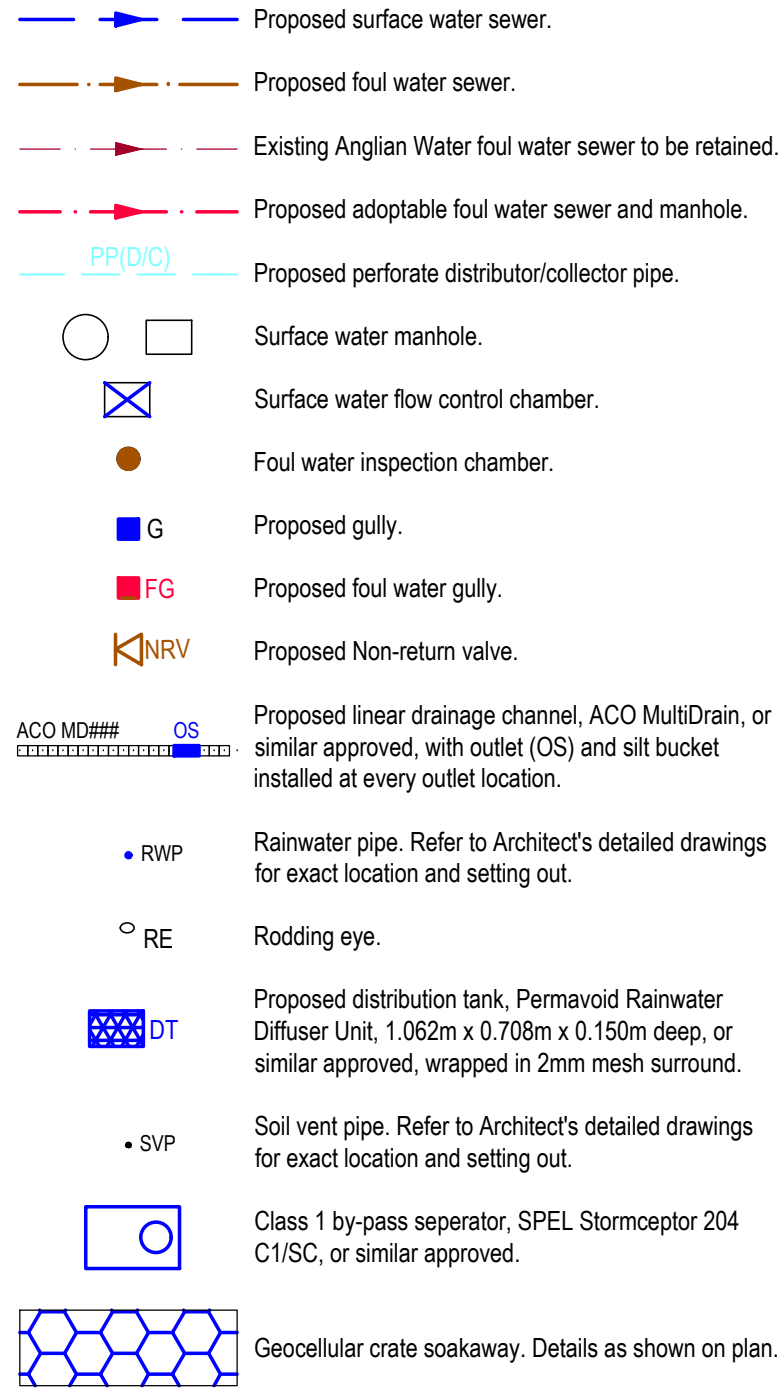
CP)

number to be
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NOTES

1. This drawing is to be in conjunction with all relevant documents and specifications.
2. Dimensions not to be scaled.
3. Any discrepancies between the information shown on this drawing and any other drawing or specification should be reported to the Engineer immediately and prior to the commencement of works on site.
4. Refer to the Architect's drawings for details of all above ground drainage, including internal floor gullies.
5. Refer to the Architect's drawings for details and setting out of rainwater pipe and foul slab penetrations.
6. All stack connections under buildings to be 100mmØ at minimum grade of 1 in 40 unless otherwise noted.
7. All drainage under buildings to be fully encased in concrete to Sainsbury's specification and to the satisfaction of Building Control.
8. All RVPs to be provided with above ground roddable access points.
9. Where diameters and gradients of pipes are not shown, foul water pipes to be 100mm laid at a minimum gradient of 1:80 and surface water pipes to be 150mm laid at a minimum gradient of 1:100 unless otherwise noted.
10. Private pipework of 300mm diameter or less shall be vitrified clay or rigid twin wall plastic pipe.
11. Invert levels of existing chambers have been taken from third party information and should be confirmed onsite prior to commencement of drainage works. Any discrepancies in the levels of the drainage should be reported immediately to the Engineer.
12. All drainage is to be installed in accordance with Building Regulations Part H and BS8582.
13. It is the contractors responsibility to ensure that all existing services and drainage are clearly identified and marked out on site prior to the commencement of works and suitable protected as applicable.
14. It is the contractors responsibility to arrange for all new and reused drainage works to be thoroughly cleaned and CCTV surveyed after completion and prior to handover, and CCTV to be provided to Green King and to Sainsbury's for verification of the drainage system.
15. All services and utility covers are to be set flush and parallel to adjacent buildings/kerb lines as appropriate. Chamber covers in pedestrian paved areas are to be paved in covers matching the adjacent paving material and joint alignment.
16. Drainage cover grades are to be D400 in vehicular trafficked areas and B125 in pedestrian only trafficked areas.
17. Existing drainage that will serve no purpose post development is to be either removed or suitably stopped up by end capping or in filling with concrete with no hindrance to the retained system.
18. Buried concrete to be Design Sulphate Class DS-1 and AECOE AC-1.

KEY



Geocellular crate soakaway. Details as shown on plan.



Proposed permeable block paving with open graded porous sub-base. Refer to Engineering Layout 8240287-1101 for full details.

 Proposed sub-base replacement geocellular crates, Polypipe Permavoid, or similar approved, to be installed strictly in accordance with the manufacturer's details and specifications.



Proposed area of deepened open graded porous sub-base. Refer to Engineering Layout 8240287-1101 for full details.

T2	Notes updated.	17/05/2024	MM	KR
T1	First Tender issue for comment and review.	30/04/2024	SM	LM
Rev.	Description	Date	By	Chk



Client:		 GREENE KING BUILT TO ENDURE					
Project:		The Anchor Inn, Hitchin					
Title:		Drainage Layout					
Engineer: L. Moxon		Date: April 2024					
Director: K. Rayner		Scale: 1:150 @ A1					
Status:		TENDER					
Drawing No.		8240287 - 1201 <table border="1" data-bbox="2837 1971 2887 1995"> <tr> <td>Rev</td> <td></td> </tr> <tr> <td>T2</td> <td></td> </tr> </table>		Rev		T2	
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