

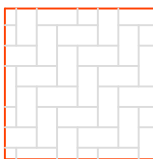
NOTES

1. This drawing is to be read in conjunction with all relevant Engineers drawings and specifications.
2. All dimensions are in millimetres unless noted otherwise.
3. The Contractor is responsible for the setting out and for checking all dimensions.
4. In accordance with The Construction (Design and Management) Regulations 2015 (CDM 2015) the Principal Designer and Contractor are to:
- Notify HSE of works.
 - Comply with the requirements of Health and Safety Plan (if applicable)
 - Provide risk assessments and method statements for all potential hazards relevant to this project.

SOAKAWAY SCHEDULE

Reference	Invert Level IL(IN) (m)	Cover Level (m)	Depth of cover above soakaway (m)	Soakaway Depth (m)	Overall Depth below GL (m)	Width (m)	Length (m)	10 year + CC water level
SO1	6.470	6.570	0.600	1.200	1.800	2.500	5.000	5.822
SO2A	6.600	6.700	0.600	1.200	1.800	2.500	3.000	5.841
SO2B	6.550	6.650	0.600	1.200	1.800	1.500	2.000	5.804
SO3	6.750	6.850	0.600	1.200	1.800	2.500	5.000	6.114
SO4	6.400	6.500	0.600	1.200	1.800	2.500	5.000	5.742
SO5	6.400	6.500	0.600	1.200	1.800	2.500	5.000	5.742
SO6	6.350	6.450	0.600	1.200	1.800	2.500	5.000	5.692

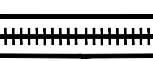
KEY



PERMEABLE PAVING –
Permeable PCC blocks over Type 3 granular fill (SEE DETAIL)



100mm dia surface water drainage pipes



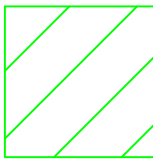
Aquacell Eco Soakaway Units



Sub surface baffels within access road



Roding Eye



Tree Root Protection Zone

PROPOSED SITE PLAN
(1:100)

STORM DRAINAGE LAYOUT

1:100



3 Turnberry House
4400 Parkway
Whiteley
Fareham
Hampshire
PO15 7FJ

Also at:
Landguard Manor
Landguard Manor Road
Shanklin
Isle of Wight
PO37 7JB

Tel: 01489 577488
Fax: 01489 579873
consultants@cowanconsult.co.uk
www.cowanconsult.co.uk

Client MERLIN HOMES

Project LAND SOUTH OF ORCHARD BUSINESS PARK
YAPTON

Title SURFACE WATER DRAINAGE LAYOUT
1 OF 3

Date MAR 2021 Scale AS SHOWN @ A1 Drg. No. 424927/201P
Drawn TB Chk'd EG QA'D

DO NOT SCALE THIS DRAWING