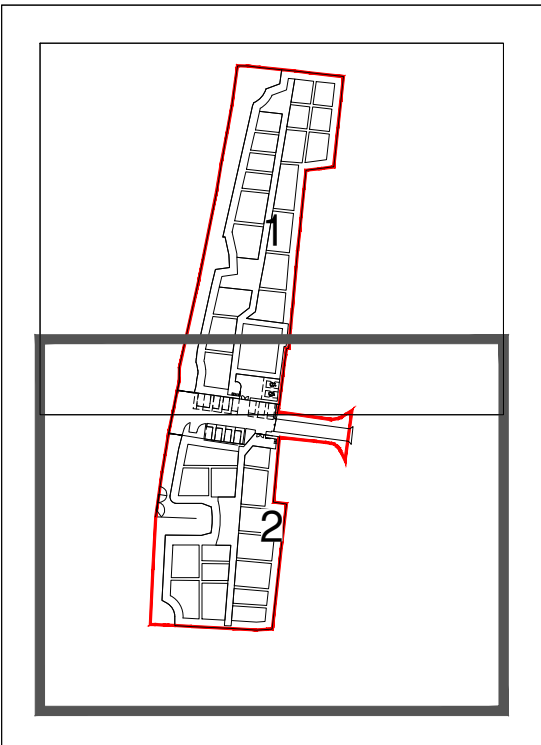




Nightingate Way

Limit of adoption

Holly Drive

Indicative alignment of 30mm Ø metered water supply, to connect to existing water main (subject to utility engineer's details)

Soakaway base to be located within the Chalk layer.
Design is based on an infiltration rate of 1x10⁻⁶ m/s.

Soakaway Vent Pipe

Existing Acoustic Fence

© Crown copyright and database rights OS 100067059

NOTES:

GENERAL:

1. All levels are in metres above ordnance datum (AOD) unless otherwise stated.

2. Where applicable, all depths are referenced to the topographical survey levels (AOD) and not to any modified ground surface levels resulting from the placement or removal of stockpiles or other temporary materials.

3. Do not scale from this drawing. Only written dimensions are to be used.

4. This drawing must be read in conjunction with all other relevant documents and drawings issued by Vine CE, as listed in the final drawing register, including Architect's and Structural Engineer's drawings and specifications.

5. Note that the electronic information in this drawing cannot be guaranteed as dimensionally exact. Figured dimensions must be used for setting out and detailing purposes.

6. Promptly report any discrepancies or variances to Vine CE for timely clarification before commencing the works.

BASIS OF DESIGN / THIRD PARTY REFERENCES:

The background information shown on this drawing is based on the following:

A. Site Layout: Persimmon Homes (Thames Valley), Ref: S111_NMA_100, Rev. A dated Mar 2024.

B. Holly Drive Topographical Survey: M&S Surveys, Ref: S4710 Rev., dated August 2024.

C. Lymington Bypass Topographical Survey: Breheny Civil Engineering, Ref: BCE1010AC/0700 Rev. AC, dated 20.07.2024.

D. Allotment Topographical Survey: Sub Vision Surveys, Ref: SS-PH-013 Rev., dated Mar. 2022.

E. VCE accepts no responsibility for inaccuracies in the data provided by third parties.

DRAINAGE NOTES:

1. The LEAP Environmental Remediation Method Statement indicates that the ground in the area of the proposed soakaway is not affected by contamination. No surface water infiltration shall occur in contaminated ground unless appropriate remediation has been undertaken.

2. Sewers and drains to be constructed in accordance with the Building Regulations, BS EN 752 and the Sewerage Section Guidance.

3. The indicated cover levels are nominal and subject to adjustment to suit finished ground levels as necessary.

4. All manhole networks to comply with BS EN 124, and be stamped with BS1 Kitemark.

5. Manhole covers to have sufficient durability of skid resistance to BS EN 124 to ensure robust slip-resistance in dry, wet, or worn conditions.

6. Align manhole covers parallel to the adjacent kerbline, unless there is a valid reason for an alternative orientation.

7. This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.

8. Gully laterals are to be to SNIFF Clause 001 and BS EN 1401 if they are to be UPVC.

Table 1: Domestic Drainage Manhole Types and Cover Loading Classes

TYPE	DEPTH	DESCRIPTION	TYPE	DEPTH	DESCRIPTION	COVER LOADING CLASS	LOCATION	CLASS
B	1.5m to 3.0m	min. 1000mm diameter Rigid (PCC) access chamber (Non Entry)			Road / Shared access	D400		D400
C	<1.5m	min. 1000mm diameter Rigid (PCC) access chamber (Non Entry)	D-F	0.5m to 0.9m	min. 400mm diameter Flexible (UPVC) access chamber (Non Entry)	B155		B155
					Gardens / Pedestrian only / Footway / Driveway	A15		A15

Type B manholes to be used where more than 10 properties are connected.

Type D manholes to be used where 10 or less properties are connected.

Note 17: All domestic manholes to be type D-F with suitable cover load class unless otherwise annotated on the layout.

KEY:

Application Boundary
(as shown on site layout)

Private Surface Water Manhole and Sewer
(Manhole Type shown where required) (CP) - Catchpit required with min. 500mm deep sump
(Refer to drawing number S19.1.VCE.0505 for details)

Private Yard Gully with 1000mm min./150mm dia. outlet pipe with 150mm min. Type Z concrete bed and surround. Class D400 hinged gully grate and frame.
(Refer to drawing number S19.1.VCE.0506 for details)

Linear Drainage Channel (Aco, 'Fikotler' or similar), D400 grating load class
Grating to be hardscape, anti-slip & CE marked
(Refer to drawing number S19.1.VCE.0508 for details)

Private Cellular Soakaway
(Refer to drawing number S19.1.VCE.0509 for details)

Indicative Alignment of 30mm Ø Metered Water Supply
(Subject to detailed specification by others)

Indicative Location of a Water Tap
(Subject to detailed specification by others)

Permeable Paving Fin Drain
(Refer to drawing number S19.1.VCE.0701 for details)

Permeable Paving Details
Sub-base Level / Sub-base gradient
(Refer to drawing number S19.1.VCE.0701 for details)

The contractor must contact utilities companies prior to excavation to identify buried and overhead services. It is their responsibility to locate and protect these services in accordance with HSE guidance (HSCA7 and G56). Any existing services that fall within the proposed construction layers must be lowered below the sub-base level.

0m

2.5m

5m

10m

15m

20m

25m

SCALE BAR 1:250 at A1

T3 18.11.25 Linear drainage channel has been added at the limit of adoption, Permeable paving added, Soakaway design revised.

SRV VPI VPI

REV DATE DESCRIPTION:

DRN CKD APP

STATUS:

TENDER ISSUE

Vine Consulting Engineers

Civil Engineering Consultants

Vine Consulting Engineers Ltd

Alton Hampshire

T: 07774 218 135
E: Mail@vinece.co.uk
W: www.vinece.co.uk

CLIENT:

Persimmon | Thames Valley
Knoll Road, Camberley
Surrey, GU153TQ

SITE: LITTLEHAMPTON
SOUTHERN ALLOTMENTS
WEST SUSSEX

VCE REF. 007-1004

TITLE: DRAINAGE LAYOUT
SHEET 2 OF 2

SCALE AT A1: 1:250
DATE: 27.06.2025
DRAWN: SRV
CHECKED: VPI
APPROVED: VPI

PROJECT NO: 519
DRAWING NO: 519.1.VCE.0502
REVISION: T3