

DRAWING LIST

- 04 - Hard landscaping Layout
502/1 - Engineering layout sheet 1
502/2 - Engineering layout sheet 2
503/1 - Road & Sewer section sheet 1
503/2 - Road & Sewer section sheet 2
504/1 - Typical Road Details sheet 1
504/2 - Typical Road Details sheet 2
505 - Typical sewer details
506 - Private drive details
507 - Private parking court details
508 - Private footpath details
509 - Typical UPVC house drainage details
510 - Private regrade details
511 - Typical services details
512/1 - Services Layout Sheet 1
512/2 - Services Layout Sheet 2
513 - Trench soakaway details
514 - Kerb details

ENGINEERING LAYOUTS SHOULD BE USED FOR:

All adoptable sewer & highway works - position & level
All private building drainage - position & level
All regrade & retaining works - position & height
Road names & postal numbers
Street lighting & other street furniture / signage

ENGINEERING LAYOUTS SHOULD NOT BE USED FOR:

Fencing & drive positions or materials
Private house paths or patios
House types & positions

Where gravel boards have been utilised post length to be increased accordingly to ensure minimum 600mm embedment in the natural ground on the low side.

502/1

502/2

502/3

Sheet Layout

STREET LIGHTING SPECIFICATION - PROVISIONAL

- Lighting Columns: 6m straight shaft (no outreach bracket), polymer coated (12B21)
Lanterns: WRLT Performer with 36W PLL lamp and dimming ballast HF-R-DALI, fitted with Mayflower six-pin NEMA socket, post top mounted set with no tilt (0 degrees)
Switch controls: Mayflower Intelligent Management Systems (MIMS) remote monitoring Node to plug into six-pin NEMA socket in each lantern.
Dimming: 25% dimming at dusk, 50% dimming at midnight.

Installation & erection shall be carried out in compliance with the current edition of the Hampshire County Council Specification & Electrical Safety Policy, the current edition of BS7671, all relevant British Standards & the Code of Practice for the Erection of Street Lighting equipment published by the Association of Street Lighting Contractors.



Connection to infrastructure
sewers provided by Persimmons

NOTES

- All adoptable highways and footpaths to be constructed in accordance with West Sussex specification.
- All adoptable drainage works to be constructed as detailed in the Water Authorities Association Publication 'Sewers For Adoption 6th Edition'.
- All laterals from adopted sewers to first private chamber to be 150mm minimum. All house drains to be 100mm dia, unless shown otherwise, laid in accordance with BS EN752 & BS 5955.
- Where finished ground levels fall towards a building, an open gully is to be provided at the foot of all rainwater pipes.
- All drain connections beneath the highway are to be surrounded with concrete where cover is less than 1.2m.
- All drain and sewer pipes are to be laid soft to soft, unless shown otherwise.
- Refer to house type working drawings for exact position of soil waste pipes.
- Preformed private inspection chambers, size and type:-

Type	Dia	Depth to invert	Symbol
A	225mm	450mm	FW
B	225mm	600mm	SW
C	450mm	450 min-1200 max.	FW
D	450mm	> 1200	SW
E	600mm	> 1200	FW
F	600mm	> 1200	SW
- Refer to standard detail drawings for types A-D, H & J. Refer to typical Sewer Detail drawing for Type F.
- House drainage to be bedded on granular material and backfilled with suitable as dug material, as described on the Typical House Drainage Details drawing or as advised by the Engineer.
- Pipe protection of house drainage runs is required in accordance with the Typical House Drainage Details drawing. The Contractor shall satisfy themselves & agree with the Site Management the actual extent of the pipe protection required.
- Sloped concrete paths are to be used with concrete gravel boards.
- Adoptable lay-bys shall be of similar construction to the main carriageway unless stated otherwise.
- Sewer trench backfill to be in accordance with the Typical Sewer Detail drawing.
- All private drives and handstandings taking access across a footway require 1.5 x 1.5m visibility splays both sides & no planting or obstructions over 600mm in height.
- Setting out of street lights (adoptable) shall be agreed with the Highway Inspector prior to erection.
- Vision splays / forward visibility in soft landscaped areas to be demarked by continuous concrete edgings.
- Position & level of all existing laterals to be confirmed prior to construction & any discrepancies reported to the Engineer.
- Refer to Pre-Construction Information Pack & Construction Phase Health & Safety Plan prior to the commencement of works.
- All levels relate to Ordnance Datum.
- Postal numbers to be painted onto car parking bays (not individual private drives) using white road paint in 150mm numbers.

KEY	
	Proposed adoptable foul sewer
	Proposed adoptable storm sewer
	Foul drainage
	Storm drainage
	Backdrop
	Roding eye
	Cover level
	Foul invert level
	Storm invert level
	Channel drain
	Block channel
	Dished channel
	Soil & vent pipe
	Standing waste, stub stack
	Air admittance valve
	Wash hand basin
	Water closet
	Rainwater pipe
	Finished slab level (integral groups to be 150mm lower unless shown)
	Proposed finished level
	Existing level
	Gravel board (max retaining height shown)
	Retaining wall (max retaining height shown)
	Log wall (max retaining height shown)
	Slab on Edge
	Screen wall
	Banking
	Underbuild
	Tanking
	Steps in paths
	Number of steps
	Railway sleeper steps
	Handrail/Guarding
	Foul Gully
	DWelling has double dpc
	House type reference
	Plot number
	Highway gully
	Road gully
	Footpath gully
	Yard gully
	Silt Trap
	Filter Drain
	Catch pit
	Direction of fall
	High point
	Low point
	Pedestrian crossing
	mountable shoulder
	Road Sign ref.
	Ballard
	Removable Ballard
	Street name plate
	Radius
	Street lighting
	Existing Street lighting
	Private lighting
	Vehicular crossover
	Highway grass verge
	Concrete Block Paving
	Permeable Paving
	Demarcation
	Half batter kerbs
	Concrete edgings
	Drop kerb
	38mm pvc block ducting for private st. light connections or power to remote garages
	Infiltration pipe

G	19.10.17	SLs replaced with FFL for clarification. Drive levels to plots 32-36 amended. FFLs to plots 88, 98 & 99-104 amended. FFLs to garages amended. Plots 88 & 98 amended to suit. Drainage levels to plots 88, 98 & 99-104 amended. Underbuild removed from plots 88, 98 and removed from plot 94 & 95's garages. Tanking added to plot 85 and reduced on plot 86 & 87's garages. Fin drains on permeable drives changed to infiltration pipes. Shed levels added. Additional spot levels added to garages. Hatch pattern for permeable paving and impermeable block paving identified on drawing legend.	HB
F	14.08.17	ACO drains added to plots 32-36.	LS
E	20.04.17	Surface water house drainage added to plots 68-71, 31 & 72-77.	PT
D	24.03.17	All garage personal doors amended and levels added.	SY
C	28.11.16	Extra information added. S12 - Outfall - pipe increase to 375.	BY
B	28.04.16	Information updated to suite latest base plan and surface water design.	
A	18.01.16	Information updated to correspond with long section drawings.	

Rev Date Details

Drainage Authority Approval Date

Highway Authority Approval Date

Do not scale from this drawing. Use written dimensions only. When shown relationships between slab levels and ground levels are to be checked on site. Any discrepancy or suggested modification is to be reported to Design and Engineering Director.
Note: This drawing is the copyright of Bovis Homes Ltd.

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SITE

HAMPTON PARK

LITTLEHAMPTON, WEST SUSSEX

DRAWING TITLE

ENGINEERING LAYOUT

SHEET 1

DRAWN BY SY

DATE NOV 2015

DRAWING NO. LITL-502/1

SCALE: 1/250 at A1

CHECKED/DATE

REV

Connection to
infrastructure
sewers provided
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