

LIGHTING KEY



Street lighting to be in accordance with the design approved by West Sussex County Council

Columns

6.0m straight shaft (no outreach bracket),
Coating Amercoat
71P/PSX 700 polysiloxane and Amercoat 4560 GF epoxy glass flake
Colour as specified by the Authority

Lanterns

Philips/WRL 'Mini Lumia' post top mounted,
12-20 LED, 1.4Klm
unless other lumen outputs may be required for design), Cool White,
wired for DALI control and fitted with Mayflower
six pin NEMA socket
post-top mounted, maximum tilt 5 degrees.
Lanterns are to be supplied
with manufacturers 2 year warranty.

Switch Controls

Mayflower Complete Lighting Control DALI internal
switch in each
lantern. Switching to 35/18 part night (12-5:30
or Dimmed to 60%
light output)

KEY:

Proposed Adaptable Sewers:

Foul sewer
Storm sewer
Highway Gully
Adaptable Laterals
(150mm dia)
Adaptable Access
Chamber

Proposed Private Drainage:

All private inspection chambers shall be polypropylene non-access chambers in accordance with The Building Regulations, Part H.

Chamber sizes:
Depth to invert <0.6m DN300
Depth to invert >0.6m DN475

Foul drain
Storm drain
Storm inspection chamber
Ridding eye
Yard gully
Linear Drain –
Cala Homes to advise
manufacturer

Permavoid Collector/Diffuser
Permavoid Diffuser Size 0.708x0.354x0.150thk
Permavoid Diffuser/ Collector Size 0.708x0.354x0.150thk
Permavoid Collector Size 0.708x1.062x0.150thk
Permeable Sub-base level

Invert levels shown below:

F10.00 S10.00 SB78.50

Permavoid 150
has a minimum
400mm of cover

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CONSTRUCTION				
L	18/01/17	Foul outfall amended, F105 to F107 gradients corrected.	HJS	
K	05/01/17	Foul outfall amended and drainage re-arranged	JS	
J	25/10/16	Drainage renamed, levels added to layout	JS	
H	05/01/16	Existing balmouth drainage added to ROAD 1.	TC	
G	31/08/16	S4 – S9 amended to DN300 Pipes, S25 & S26 amended	JS	
F	03/08/16	Manholes F106,F108,F109,F100,F120 position amended as per southern water comments	HJS	
E	28/07/16	S9 Cover level amended.	HJS	
D	06/07/16	Updated to latest planning layout. Construction issue	HJS	
REV. No.	DATE	DESCRIPTION		INITIALS
Client				
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Project				
West End Nursery, Amnering				
Title	Phase 1B Engineering Layout Sheet 1		Scale	1:200@A0
			Date	March 16
			Checked	HJS
			Drawn	HJS
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