OS NORTH

DRAINAGE CATCHMENT LEGEND

- PERMEABLE PAVING - CATCHMENT 1
- IMPERMEABLE ROOF AREA - CATCHMENT 1
- PERMEABLE PAVING - CATCHMENT 2
- IMPERMEABLE ROOF AREA - CATCHMENT 2
- PERMEABLE PAVING - CATCHMENT 3
- IMPERMEABLE ROOF AREA - CATCHMENT 3
- PERMEABLE PAVING - CATCHMENT 4
- IMPERMEABLE ROOF AREA - CATCHMENT 4

Catchment 1
630mm Deep
(600mm Stone)

Catchment 2
980mm Deep
(750mm Stone)

Catchment 3
1130mm Deep
(1000mm Stone)

Catchment 4
1130mm Deep
(1000mm Stone)

S1
Orifice Control
Flow Rate: 4.0l/s
CL 7.00
IN IL 6.25

S2
Orifice Control
Flow Rate: 2.0l/s
CL 7.00
IN IL 6.00

S3
Orifice Control
Flow Rate: 1.6l/s
CL 7.00
IN IL 6.00

S4
Orifice Control
Flow Rate: 1.6l/s
CL 7.00
IN IL 5.91

S5
Deep Borehole Soakaway
Infiltration Rate: 6.76x10-05 m/s
CL 7.00
Chamber IL: 2.90
Borehole IL: -13.2
(20.2m Below Existing Ground)

LAP
20m Deep Borehole Soakaway Offset for Potential Solution Features

CLASS 1 PETROL/OIL BYPASS SEPARATOR. UPSTREAM OF SOAKAWAY TO PROTECT MAJOR AQUIFER

BOREHOLE 1
6.76x10-05 m/s
@ 20.2m DEEP)

public open space
2310m2

5.2m

LANGBURY CLOSE

Huntley

Notes:
All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications. This drawing is copyright.

Rev	Date	Description	By	Ckd
A	02/10/15	PRELIMINARY Issue	JLH	BJS

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Client:

TAYLOR WIMPEY SOUTHERN

Project:

LITTLEHAMPTON ROAD, FERRING

Project Number: C13308

Drawing Title:

DRAINAGE CATCHMENT AREAS

Drawn:	Checked:	Scale @ A2:	Drawn Date:	First Issue:
JLH	BJS	1:500	01/10/2015	02/10/2015

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