| | | | Contributing areas | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Ref | Length | Width | Area | Roof | paved | Urban creep | | CL | BL | Gradient |
| PP 1 | 105.0 | 8.8 | 923 | 432 | 49 | 43 | 1447 | 32.75 | 31.95 | 140 |
| PP 2 | 73.0 | 7.5 | 548 | 394 | 362 | 39 | 1343 | 31.50 | 30.70 | 75 |
| PP 2A | 23.0 | 14.5 | 334 | 0 | 0 | 0 | 334 | 32.00 | 31.50 | 0 |
| PP 3 | 48.0 | 12.9 | 621 | 409 | 88 | 41 | 1159 | 32.00 | 31.20 | 50 |
| PP 4A | 44.0 | 5.2 | 228 | 97 | 82 | 10 | 417 | 32.00 | 31.20 | 0 |
| PP 4 | 83.0 | 6.1 | 504 | 546 | 690 | 55 | 1795 | 31.50 | 30.70 | 66 |
| PP 5 | 50.0 | 9.1 | 454 | 179 | 0 | 18 | 651 | 31.50 | 30.70 | 50 |
| PP 6 | 120.0 | 8.0 | 959 | 671 | 606 | 67 | 2303 | 31.50 | 30.70 | 0 |
| | | | | | | | | | | |
| B1 | | | | 344 | 0 | 34 | 378 | | | |
| | | | 4571 | 3072 | 1877 | 307 | 9827 | | | |

Play Area

FURLONG CLOSE

Play Space

Open Space

Path (um)

Approved Development

Porous Paving 3

CL = 32.00
BL = 31.20
d = 0.800
Connection to downstream Porous Paving 4A via 60mm Orifice control

Porous Paving 4A

CL = 32.000
BL = 31.200
d = 0.800
Connection to downstream Porous Paving 4 via 75mm Orifice control

Porous Paving 5

CL = 31.50
BL = 30.70
d = 0.600
Connection to downstream Porous Paving 6 via 100mm Orifice control

Porous Paving 4

CL = 31.500
BL = 30.700
d = 0.800
Connection to downstream Porous Paving 6 via 350mm Orifice control

Porous Paving 1

CL = 32.75
BL = 31.95
d = 0.800
Connection to downstream porous paving 2 via 50mm Orifice control

Porous Paving 2

CL = 31.500
BL = 30.70
d = 0.800
Connection to downstream basin via 100mm Orifice control

Porous Paving 2A

CL = 32.000
BL = 31.500
d = 0.500
Connection to downstream Porous Paving 2 via 30mm Orifice control

Infiltration basin

CL = 31.50
BL = 30.30
d = 1.200
Base area = 664m²
Top area = 1,183m²
Volume = 1108m²
Infiltration rate 0.04m/hr

Porous Paving 6

CL = 31.50
BL = 30.70
d = 0.800
Connection to downstream basin via 175mm Orifice control

FW 6901
CL = 29.57
IL = 27.65
d = 1.920

29.4m

30.9m

ARUNDEL ROAD

A 27

LB

White

Path (

Richmond House

Felsted Cottage

Garage

INFILTRATION BASIN

N

INDICATIVE ONLY

5 0 5 10 15 20 25

Metres (1:500)

Flood Exceedance route

| REV | AMENDMENTS | DATE | CHK |
|---|---|---|---|
| P4 | Exceedance routes added | 27.04.26 | CS |
| P3 | Amended layout | 05.03.26 | CS |
| P2 | Amended to suit LLFA comments | 27.09.24 | CS |
| P1 | First issue | 28.05.24 | CS |

Client

HARLEQUIN DEVELOPMENTS

Project

LAND NORTH OF ARUNDEL ROAD
FONTWELL

Title

DRAINAGE STRATEGY PLAN

| Drwg | Rev | Scale | Date |
|---|---|---|---|
| 33186-D-02 | P4 | 1:500 | 28.05.24 |

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CAD Reference: A1