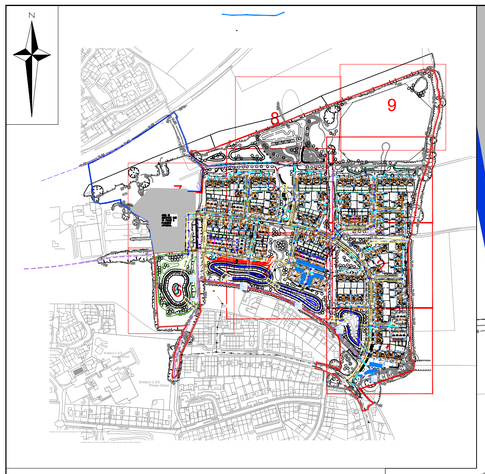

Drainage Key

- (150Ø 1:100) — Existing Surface Water Sewer
- 150Ø 1:100 1.001 — Proposed Adoptable Surface Water Sewer
- Adoptable Surface Water Manhole
- Adoptable Surface Water Type 3 Inspection Chamber
- GU's — Surface Water Gully & Connection
- 150Ø 1:100 — Proposed Private Surface Water Sewer
- Private Surface Water Manhole
- Private Surface Water Ø600mm PPIC
- Private Surface Water Ø450mm PPIC
- RE — Rodding Eye
- RWP — Rain Water Pipe Position
- YG — Yard Gully
- Linear Drainage Aco Channel
- Concrete Dished Channel with Yard Gully
- Granular Trench / French Drain
- Retaining Wall Drainage 100mm dia
- Permeable Block Paving
- Below Ground Storage Tank
- (150Ø 1:100) — Existing Foul Water Sewer
- 150Ø 1:100 1.001 — Proposed Adoptable Foul Water Sewer
- Adoptable Foul Water Manhole
- Adoptable Foul Water Type 3 Inspection Chamber
- 150Ø 1:100 — Proposed Private Foul Water Sewer
- Private Foul Water Manhole
- Private Foul Water Ø600mm PPIC
- Private Foul Water Ø450mm PPIC
- Private Foul Water Ø250mm PPIC
- SVP — Soil Vent Pipe Position
- G — Foul Water Gully
- Site Boundary
- Existing ditch
- Existing Ditch Removed / Stopped
- Heras Fencing - RPA
- RW — Retaining Wall

F45 CL:38.415 IL:35.063
S67 CL:37.430 IL: 33.376
F46 CL:38.500 IL:34.939
Stubb Capped IL:32.925 (Future Heritage Development Connection)
S57 CL35.890 IL32.585
Stubb Capped IL:35.120 (Future Heritage Development Connection)
F31 CL 37.113 IL 34.700
F40 CL 37.332 IL 34.817
S46 CL37.320 IL35.985
F39 CL 37.72 IL 35.137
Turning for Fire and Refuse Vehicle
Green Wall
RW 1200
RW 500
10 steps
8 steps
F32 CL 34.089 IL 31.604
S38 - Hydrobrake 8.5 l/s
CTL-SHE-0131-8500-1300-8500
CL34.850
IL33.125
Design Head 1.300m
Headwall Type 1
Headwall Type 2
Ditch Outfall IL 33.100
Detention Basin 2
Top of Basin 32.500
Base of Basin 30.950
Shelf 31.700
Freeboard 32.100
1:100+45% cc Water Level 32.200
Approx Storage Volume To 100yr+45% Water Level 1696m³
Permanent Wet Pond Below Basin 650mm below base of Basin.
Pond IL 30.300
Permanent Water Level 30.950
Basin (2) CL 32.500 IL 30.950
Swales Margin
Freeboard
Shelf
Bank
Access Margin
S69 - Hydrobrake - 5.2 l/s
CTL-SHE-0102-5200-1348-5200
CL32.500
IL30.850
Design Head 1.348m
SOUTFALL CL 31.982 IL 30.800
F33 (Ex MH 5103) CL 31.979 IL 30.020
112 111 110 109 108 107 106 105 104 103 102
SPEY (DS) LB2P FFL 37.650
STOUR M4(2) NDSS 3 FFL 37.650
STOUR M4(2) NDSS 3 FFL 37.950
STOUR M4(2) NDSS FFL 37.950
TRENT M4(2) NDSS 2 FFL 38.025
TRENT M4(2) NDSS FFL 38.025
FFL 38.025
BCP
GU
RW 1710
GB 545
164
136

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:–

RSK LDE LTD has followed its Design Risk Management process for HazoAM Elimination and Risk reduction in developing the designs shown on this drawing.
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Notes:

1. This drawing presents the drainage layout for H9376 (890815).
2. Existing level information taken from NJC Survey topographical survey drawing number S1572/02 dated 18.03.2019.
3. The existing drainage information shown on this drawing is taken from Southern Water.
4. Ground conditions assessed in the site investigation report.
5. This drawing is to be printed in COLOUR.
6. House levels are Finished Floor Levels (FFL's).
7. Figures quoted next to manholes / rodding eyes are cover & invert level, in Metres AOD.
8. Footpaths are to be laid with a crossfall to allow drainage to soft landscaped areas.
9. This drawing is schematic for clarity, and where possible drains should be laid within 2m of houses, and connections kept as short as possible.
10. Where possible all drainage runs shall be kept a minimum of 4.0m from any existing tree that is to be retained.
11. This drawing has been prepared for House Drainage purposes only, and must not be used for House Setting Out.
12. All drainage design is subject to technical approval, no connections shall be made to any public sewers without written consent from the drainage authority.
13. The location of rain water pipes (RWP) are subject to confirmation by the Architect / Services Engineer.
14. The location of soil vent pipes (SVP) / stub stacks (SS) is subject to confirmation by the Architect / Services Engineer.
15. Where pipes pass under buildings, unless beam & block floors are used, they are to be surrounded in concrete.
16. All rest bends associated with stub stacks, soil vent pipes, wc connections and stub wastes are to be set with their inverts at 450mm below Finished Floor Level (FFL).
17. All drains and connections to be 100mm diameter, unless shown otherwise.
18. All branch drains, or connections, are to discharge to the collectors obliquely, and in the direction of the main flow.
19. All high void ratio attenuation units to be installed strictly in accoAMance with manufacturer's requirements.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P03	01.10.2026	Updated to Clients Comments	YP	AM	-
P02	30.09.2026	Updated to Planning Comments	YP	AM	-
P01	06.08.2026	Issued for Planning condition discharge.	YP	AM	-

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Web: www.rsk.co.uk

Client: Barratt Redrow

Project Title: NEW PLACE FARM PULBOROUGH WEST SUSSEX

Status: PRELIMINARY

Drawing Title: SITE DRAINAGE SHEET 6

Drawn	Date	Checked	Date	Approved	Date
YP	06.08.26	AM	06.08.26	-	-

Scale	Orig Size	Dimensions
1:250	A1	m

Project No.: H9376 (890815)
Drawing File: H9376_RSK_ZZ_XX_DR_CE_300010-300018_P Condition Site Drainage.dwg
Drawing No.: H9376 RSK ZZ XX DR C 300015 P03 (Rev.)
(Project | Orig. | Vol./Sys. | Lev./Loc. | Type | Role | Draw. No.)

Scale 1:250
0 2.5 5 7.5 10 12.5m

CONDITION SITE DRAINAGE.DWG