SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

Please be aware the Client is a duty holder under CDM 2015. By default, the client assumes the duties of the principal designer (PD) until such a time a PD is appointed.

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks. Reference shall also be made to the Designer Risk Assessment ref: 020.5923.DRA

CONSTRUCTION
1. Connection into live Southern Water foul sewer network - appropriate contractor RAMS and Southern Water approvals to be in place prior to commencement of works.
2. Live highway - Contractor to implement appropriate traffic management prior to commencement of works.
3. (Site wide compulsory action) Unknown services - investigation to be undertaken to determine presence of existing services on site prior to commencement of works.
4. (Site wide compulsory action) Unknown ground conditions - intrusive site investigation to be undertaken prior to commencement of works.
MAINTENANCE/CLEANING/OPERATION
No abnormal maintenance/cleaning/operation risks.
USE
No abnormal use risks.
DECOMMISSIONING/DEMOLITION
No abnormal decommissioning/demolition risks.

FOR PLANNING

NORTH

1:200 0m 10m

LEGEND

- FFL 71.750 — FINISHED FLOOR LEVEL (m)
- SITE BOUNDARY
- FOUL WATER DRAINAGE, DETAILS AS SHOWN
- SURFACE WATER DRAINAGE, DETAILS AS SHOWN
- HYDROBRAKE SURFACE WATER FLOW CONTROL
- PROPOSED ATTENUATION BASIN DETAILS AS SHOWN
- PROPOSED ENHANCED SWALE DETAILS AS SHOWN
- PROPOSED ATTENUATION CRATES WAVIN AQUACELL CORE-R (OR SIMILAR) DETAILS AS SHOWN
- ROOT PROTECTION AREA
- G — HIGHWAY ROAD GULLY
- 600mm HIGH KNEE RAIL AT ATTENUATION BASIN

FOR CONTINUATION SEE INSET A

ENHANCED SWALE
SWALE TOP LEVEL: 28.200m
SWALE BASE LEVEL: 27.900m
TRENCH TOP LEVEL: 27.900m
TRENCH BASE LEVEL: 26.900m
SWALE SLOPES: 1:3
TRENCH DEPTH: 1m
TRENCH TO CONSIST OF TYPE B FILTER MATERIAL (30% VOIDS)

1:100+45%CC TWL: 28.203m
1:30+40%CC TWL: 28.071m
1:2 TWL: 27.508m

HYDROBRAKE DESIGN FLOW: 2.0L/s

INLET AND OUTLET CONNECT TO TRENCH

Line of removal

S43 VORTEX SEPARATOR (HYDRO INTERNATIONAL DOWNSTREAM DEFENDER OR SIMILAR)
CL: 28.147 IL: 27.226

EXSTING CHANNEL DRAIN AT SITE ENTRANCE TO BE RETAINED

FOUL WATER NETWORK POINT OF CONNECTION
PROPOSED NEW MANHOLE ON EXISTING SOUTHERN WATER PIPE BETWEEN MANHOLE 5301 AND 5302.
IL: 22.700

ROUTE OF PROPOSED SEWER TO BE COORDINATED WITH EXISTING SERVICES AND ROOT PROTECTION ZONES DURING DETAILED DESIGN

EXISTING SO
FOUL SEWER

Please Note: Dense vegetation prevented safe access and line of sight, meaning this area was unable to be fully surveyed.

Woodland Floor

INSET A
1:500 0m 25m

KEY PLAN
1:2500 0m 100m

GENERAL NOTES

1. All drawings are to be read in conjunction with the project health and safety information, including the project hazard log for any identified potential risks.
2. All works are to be in accordance with the following specifications UON:
   - 2.1. All private external works, including carriageways, shall be per NHBC Standards Chapter 10 External Works.
   - 2.2. Private drainage shall be per NHBC Standards 5.3 Drainage below ground.
   - 2.3. Adopted highways shall be per the MCHW and adopted drainage per SSG Appendix C (DCG).
3. Any variations or discrepancies between these drawings in terms of dimensions or details should be drawn to the attention of the Architect and/or the Engineer for clarification.
4. All figured dimensions to be taken in preference to scaled dimensions. do not scale this drawing.
5. Paul Basham Associates accepts no responsibility for the accuracy of background information produced by third parties – this must be treated as indicative only. Third party plans as per the following:
   - 5.1. TOPOGRAPHICAL SURVEY - 26479-200-01-HULBERTROAD AND A096474 - HULBERT ROAD TOPOGRAPHICAL SURVEY - REV A
     251103 - EXTENDED TOPO BEYOND SITE BOUNDARY
   - 5.2. SITE LAYOUT - AS RECEIVED ON 13.01.26 BY HGP ARCHITECTS
   - 5.3. TREE PROTECTION PLAN - SJA TCP NL 25022-011
6. The main contractor shall be responsible for the setting out and accuracy of all dimensions.
7. It is the main contractor's sole responsibility for ascertaining safe disposal of any off-site excavated spoil. no claim resulting from abnormal tip requirements will be entertained.
8. The main contractor to provide and fix suitable bracing and propping for all elements in the temporary condition during construction stage, such as to ensure structure stability at all times.
9. This drawing should only be used for construction if the project phase in the title frame below is shown as "construction". Paul Basham Associates take no responsibility for construction works undertaken to drawings which are not marked under this phase.

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Rev	Description	Date	By	Appr
P04	REVISED TO LATEST LAYOUT (13.01.26)	13.01.2026	JL	MW
P03	REVISED TO LATEST LAYOUT (10.11.25)	14.11.2025	LC	MW
P02	KEY PLAN UPDATED	09.06.2025	RRD	LEC
P01	FIRST ISSUE	30.05.2025	RRD	MDW

paul basham associates
Paul Basham Associates Ltd
The Bothy, Cams Hall Estate, Fareham, PO16 8UT
01329 711 000
info@paulbashamassociates.com www.paulbashamassociates.com

Client: BRiCS DEVELOPMENT

Project Name: LAND WEST OF HULBERT ROAD HAVANT

Title: DRAINAGE LAYOUT SHEET 1

Project Phase: PRELIMINARY

Date Created	Drawn	Approved	Suitability Code
30.05.2025	RRD	MDW	---

PBA Project Number: 020.5923 Scale: AS SHOWN (AT A1)

Drawing No: 020.5923.0502 Revision: P04