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General Notes

1. This drawing is intended to be read in conjunction with all relevant architects, engineers, services and specialist drawings, details and specifications.
2. 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.
3. All figured dimensions to be taken in preference to scaled dimensions. Do not scale this drawing.
4. 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 are included as per the following:
   - 4.1. Topographical Survey - SS-MLH-001 - Received 28.04.2026
   - 4.2. Site Layout - 3427-A-1005-PR-Q - Received 16.07.2026
5. 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.
6. Dwellings rainwater pipes discharge direct to subbase where adjacent to permeable paving. Where not adjacent to permeable paving, flows will be discharged to a private drain.

LEGEND:

- SITE BOUNDARY
- FOUL WATER DRAINAGE
- SURFACE WATER DRAINAGE
- PROPOSED BASIN
- SW CHAMBER
- HYDROBRAKE
- FW CHAMBER
- LINED PERMEABLE PAVING MIN 350mm DEEP SUB-BASE
- DIFFUSER
- FFL 26.750 FINISHED FLOOR LEVEL
- ROOT PROTECTION AREA

NORTH

1:200 0m 10m

PRELIMINARY

DRAWING/DESIGN IS STILL 'IN DEVELOPMENT'
YOU ARE ADVISED TO MAKE DUE ALLOWANCE

F27 CL: 41.00 IL: 37.27
1500Ø 1/15 0.014
F26 CL: 41.00 IL: 37.334
CONNECTION TO EXISTING FOUL PUMP STATION ADDITIONAL EMERGENCY STORAGE PROVIDED IN MANHOLE F26
1500Ø 1/150 0.013
PROPOSED BOX CULVERT SEE INSET 1 FOR DETAIL
S4 CL: 40.878 IL: 39.528
F25 CL: 40.775 IL: 37.493
FFL 41.050
FFL 42.750
FFL 40.900
POROUS PAVING (1)
1500Ø 2000 1.005
1500Ø 1/150 0.012
FFL 40.950
F24 CL: 40.546 IL: 37.645
S3 CL: 40.630 IL: 39.155
POROUS PAVING (2)
FFL 40.775
FFL 41.650
FFL 42.350
FFL 41.800
POROUS PAVING (3)
2250Ø 1/52 2.001
1500Ø 1/150 0.011
FFL 40.925
S2 CL: 40.522 IL: 38.672
3750Ø 1/89 1.007
3750Ø 1/25 1.006
F23 CL: 40.468 IL: 37.746
1500Ø 1/22 0.010
1500Ø 1/21 2.009
F21 CL: 41.461 IL: 39.28
S5 CL: 40.577 IL: 38.827
F22 CL: 40.812 IL: 38.56
4500Ø 1/24 1.008
4500Ø 1/8 1.009
S1 CL: 39.257 IL: 37.607
4500Ø 1/100 1.011
2250Ø 1/150 1.010
Hydrobrake CL: 37.80 IL: 35.729
Outfall CL: 37.511 IL: 35.701

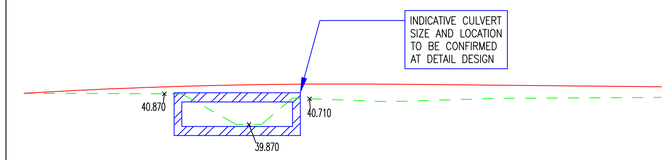
ATTENUATION BASIN
VOLUME: 1666m³
SIDE SLOPES @ 1:3
BASE LEVEL: 35.80mAOD
TOP LEVEL: 37.80mAOD
30 YEAR + 40% CC WATER LEVEL: 37.023mAOD
100 YEAR + 45% CC WATER LEVEL: 37.407mAOD

HYDROBRAKE
FLOW RATE: 9.6 l/s
DESIGN HEAD: 1.77m
CL: 38.700m
IL: 35.729m

SWALE TO TIE INTO EXISTING GROUND LEVELS
EXACT LOCATION OF WATERCOURSE TO BE CONFIRMED

HEADWALL TO DISCHARGE INTO SWALE WITH EROSION CONTROL MATTING TO MINIMISE IMPACT OF WATER FLOW ON ANCIENT WOODLAND

INSET 1



1:100 0m 5m

Rev	Description	Date	By	Appd
P01	FIRST ISSUE	17.07.2026	OT	JS

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Client: miller homes

Project Name: CAMPSFIELD, SOUTHWATER

Title: PROPOSED DRAINAGE STRATEGY SHEET 1 OF 4

Project Phase: PRELIMINARY

Date Created	Drawn By	Approved By	Suitability Code
17.07.2026	OT	JS	S4

PBA Project Number	Scale	
091.5027	1:200	(AT A1)

PBA Drawing No: 091.5027-0501 Revision: P01

QMS2010/v9/020525/IDR