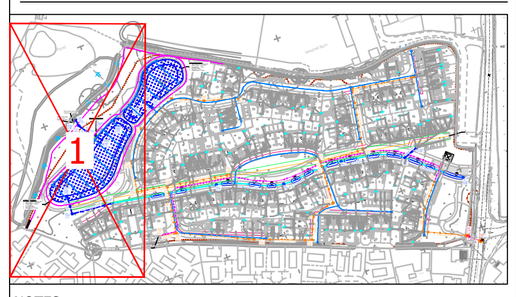
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A1 ORIGINAL

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NOTES:

1. THIS DRAWING IS NOT TO BE SCALED.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERING AND LANDSCAPING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY FOR CLARIFICATION.
3. BASED ON TOPOGRAPHIC SURVEY UNDERTAKEN BY INTERLOCK SURVEYS LIMITED DATED OCTOBER 2021, REF 210841.
4. THIS DRAWING IS BASED ON THE PROPOSED LAYOUT UNDERTAKEN BY THRIVE ARCHITECTS, DRAWING NUMBER: BARG230419_BOL.01_K, RECEIVED 25/06/04.
5. FOR BASIN PROFILES REFER TO DRAWING: BHPAGHAM.2-1260
6. THE WATER BUTT LOCATIONS ARE SHOWN INDICATIVELY AND ARE TO BE CONFIRMED BY THE CLIENT.

KEY

- PROPOSED SURFACE WATER SEWER & MANHOLE. REFER TO DRAWING SL/BHPAGHAMROAD.2/1103 FOR CONSTRUCTION DETAIL
- HYDROBRAKE. REFER TO DRAWING SL/BHPAGHAMROAD.2/1104 FOR CONSTRUCTION DETAIL
- PROPOSED FOUL WATER SEWER & MANHOLE. REFER TO DRAWING SL/BHPAGHAMROAD.2/1104 FOR CONSTRUCTION DETAIL
- EXISTING FOUL WATER MANHOLE
- PROPOSED RISING MAIN
- PROPOSED ATTENUATION BASIN. REFER TO DRAWING SL/BHPAGHAMROAD.2/1260 FOR SECTION DETAIL
- PROPOSED 0.5m DEEP SWALE (FOLLOW ROAD LEVELS LONGITUDINALLY - TOB LEVEL 6MM BELOW ADJACENT ROAD SURFACE)
- PROPOSED HEADWALL. REFER TO DRAWING SL/BHPAGHAMROAD.2/1260 FOR SECTION DETAIL
- SWALE UNDERDRAIN. REFER TO DRAWING SL/BHPAGHAMROAD.2/1240 FOR SECTION DETAIL
- SUB-BASE DRAIN. PROPOSED HEADWALL. REFER TO DRAWING SL/BHPAGHAMROAD.2/1240 FOR SECTION DETAIL
- ST — SILT TRAP CHAMBER. REFER TO DRAWING SL/BHPAGHAMROAD.2/1102 FOR SECTION DETAIL
- EXISTING SOUTHERN WATER RISING MAIN TO AND 3M OFFSET
- 3M MAINTENANCE EASEMENTS FOR EXISTING DITCHES AND PROPOSED BASINS
- SITE BOUNDARY
- PROPOSED RAINWATER BUTT

KEY TO HEALTH AND SAFETY SYMBOLS

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION.
- INDICATES A RESIDUAL RISK FOR INFORMATION.
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION.
- INDICATES A RESIDUAL RISK AS A WARNING.

FOR TENDER
NOT FOR CONSTRUCTION

rev.	amendment	checked	date
T5	Directional flow arrows added to ditch an OS map. (FA)	SL	06/07/26
T4	Updated water butt locations. (FA)	SL	21/04/26
T3	Updated to address Arun District Council's comments. (FA)	SL	24/03/26
T2	Update for client comments (JRH)	SL	26/11/25
T1	Initial Issue (FA)	SL	10/09/25

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client: BARGATE

project: LAND WEST OF PAGHAM ROAD, PAGHAM

scale	drawn by	checked by
1:250	FA	SL

date	cad file
JULY 2026	PAGHAM ROAD

title: MAIN DRAINAGE LAYOUT
SHEET 1 OF 4

Mayer Brown Limited jobcode	suitability	revision
BHPAGHAMROAD.2	-	T5

drawing number: SL/BHPAGHAMROAD.2-1020

REFER TO SHEET 2 FOR CONTINUATION

REFER TO SHEET 2 FOR CONTINUATION

Pond

Flap non-return valve to be installed on outfall to ditch

Proposed Ditch Outfall:
IL = 2.50m AOD
Peak Discharge 5.00l/s

SW OUTFALL
CL:3.800
IL:2.500
D:1.300

SW C1.013 150mmø 6.210m 1 in 47.77

SW11
CL:4.150
IL:2.630
D:1.370

SW C1.011 150mmø 15.972m 1 in 20.0

SW C1.012 150mmø 17.227m 1 in 101.34

Hydrobrake Flow Control
Peak Discharge 5.00l/s

SW HYDROBRAKE
CL:4.863
IL:3.431
D:1.432

SW BASIN 2 OUTLET
CL:4.863
IL:3.500
D:1.363

SW BASIN 2 INLET 2
CL:4.863
IL:3.500
D:1.363

SW BASIN 1 OUTLET
CL:4.863
IL:3.500
D:1.363

SWBASIN 2 INLET 1
CL:4.863
IL:3.500
D:1.363

ATTENUATION BASIN 2
- Top of Bank (min) = 4.863m AOD
- Bottom of Bank = 3.50m AOD
- Storage Depth = 1.363m
- 1in3 Side Slopes
- Plan Area = 2014m²
- Storage Volume = 2225m³

SW C1.007 375mmø 14.856m 1 in 64.9

SW C1.006 375mmø 33.017m 1 in 300.2

SW7
CL:5.350
IL:3.839
D:1.511

SW8
CL:5.100
IL:3.729
D:1.371

FW12
CL:5.200
IL:3.294
D:1.906

FW C2.003 150mmø 28.319m 1 in 135.0

FW13
CL:5.350
IL:3.084
D:2.266

FW C2.004 150mmø 23.682m 1 in 135.0

FW14
CL:5.500
IL:2.909
D:2.591

ST IL: 4.57

LAP
(100 sq.m)

dense overgrowth

arable