MH5701
CL 8.388
IL 5.788

E 496574.014
N 104735.705

Hydrobrake
Control. Restricted
Discharge 21.7l/s

SW Outfall to Watercourse via. existing headwall/ connection
IL = 7.90m

SW47
Hydrobrake MH
Peak Flow: 21.7l/s
(Tm=5hr+30%)

SW Attenuation Pond
Standing Water Level = 7.970
Max Water Level = 9.000
Top of bank = 9.100
Approx Volume = 829m3

Depths/ Area Bands
0.000m 455m2
0.475m 703m2
0.575m 869m2
1.000m 1089m2
1.130m 1260m2

c225 @ 1in2

Phase 1
POND

Headwall
CL 9.17
IL 7.975

TIE INTO
PHASE 1

MH6702
CL 9.205
IL 5.800

E 496628.071
N 104719.963

MH6701
CL 9.268
IL 6.068

E 496676.142
N 104706.030

Attenuation Pond
Bed Level 9.100
Water Level in 100yr
+ 30% 10.138

POND 2

Hydrobrake
Control. Restricted
Discharge 10 l/s

SEE SHEET 1 OF 2
FOR CONTINUATION



The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and sewer invert levels at connection points and ensure that they are fully conversant with the contents and requirements of the site investigation report before work starts. The Contractor is to comply in all respects with current building legislation, British Standard Specifications, Building Regulations etc, whether or not specifically stated on this drawing.
This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for said structures which do not accord with the anticipated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspect fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert. Any suspect archaeological remains encountered during the groundworks should be investigated further by a suitable archaeological expert.
Where existing trees are shown to be retained they should be subject to a full Arboricultural inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed tree planting, where applicable.
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GENERAL NOTES

- This drawing is to be read in conjunction with relevant architectural and engineering drawings.
- Levels indicated in blocks are Finished floor levels and are 150mm above adjacent finished ground levels unless otherwise shown.
- Levels of the existing road at the point of tie-in with proposed site road must be checked prior to commencement of works.
- Any discrepancies between the details shown and actual on site conditions to be reported immediately to the engineer prior to commencement of works.

ADOPTABLE ROADS AND SEWERS

- Roads, footways and parking bays which form part of the highway to be adopted under Section 38 of the Highways Act 1980 shall comply with the requirements of the Adopting Authority.
- Sewers to be adopted under Section 104 of the Water Industries Act 1991 shall comply with the Water Authorities Association "Sewers for Adoption 6th or 7th Edition" with any amendments specified by the Adopting Water Authority.
- All pipes to be used in adoptable sewerage shall be either clayware to BS EN 295 or concrete to BS EN 1916 and BS 5911: Part 1 with Class S bedding unless otherwise stated. With approval of the Adopting Authority solid wall concentric external rib reinforced uPVC pipes complying with the relevant provisions of BS EN 13476 may be used.
- Where cover to a pipe is more than 1200mm under adoptable carriageway the trench shall be filled to formation of the carriageway with well compacted DTp Type 1 material.
- Where cover to a pipe is less than 1200mm under adoptable carriageway it shall be provided with concrete protection in accordance with the specification of the adopting authority and back filled to formation of the carriageway with well compacted DTp Type 1 material. Where concrete bed and surround is specified flexibility of joints is to be maintained by using compressible bitumen impregnated fibreboard at each pipe joint.
- All existing drainage invert levels, diameters and locations are to be checked by the Contractor prior to the commencement of any proposed drainage work. Any difference between actual and drawn details is to be reported to the Engineer immediately.
- Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed sewers is to be checked by the Contractor prior to starting work.

Rev.	Description	Date	By
A	Amended to suit revised layout	20.05.19	JB
-	First Issue	28.08.18	JB

Drawing Status: FOR CONSTRUCTION

Client: REDROW

Project: Barnham
Phase 1 & 2

Title: Drainage Maintenance Plan
Sheet 2 of 2

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Date	August 2018	Checked	
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ARUN DISTRICT COUNCIL ENFORSTOC