



LEGEND

NOTES

- PROPOSED SURFACE WATER SEWER

PROPOSED FOUL WATER SEWER

PROPOSED SURFACE WATER MANHOLE/CONTROL CHAMBER

PROPOSED FOUL WATER MANHOLE

EXISTING 914mmØ TWU FOUL WATER SEWER WITH 12.90m EASEMENT IN ACCORDANCE WITH SEWERS FOR ADOPTION 6TH EDITION (TABLE 2.1).

EXISTING 1295mmØ TWU FOUL WATER SEWER WITH 14.20m EASEMENT IN ACCORDANCE WITH SEWERS FOR ADOPTION 6TH EDITION (TABLE 2.1).

CULVERT (0.75m x 1.0m x 1.0m)

EXTENT OF EARTHWORKS REQUIRED TO FORM FLOOD MANAGEMENT ZONE. ALL BATTER SLOPES TO BE 1:3

FFL 2.30

BROWN ROOFS

NORTHERN DRAINAGE NETWORK

SOUTHERN DRAINAGE NETWORK

SUB-BASE REPLACEMENT ATTENUATION CELLS

ATTENUATION CELLS (DEPTH VARIES)

EXTENT OF BASIN

CONSENTED PLANNING APPLICATION BOUNDARY

PHASE 2 APPLICATION BOUNDARY

PHASE 2A GLA RMA BOUNDARY

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, ENGINEER'S AND SPECIALIST'S DRAWINGS, SPECIFICATIONS AND THE CONTRACT DOCUMENTS WITH THE CONTRACTOR NOTIFYING THE ENGINEER OF ANY DISCREPANCIES.

DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY.

ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.

ALL LEVELS ARE ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
- SURFACE WATER DISCHARGE MANAGEMENT
- | PUMP STATION | CONTRIBUTING AREA OF DEVELOPMENT | DISCHARGE RATE 5 l/s/Ha | ATTENUATION VOLUME REQUIRED IN ACCORDANCE WITH 100 YEAR + 40% CLIMATE CHANGE EVENT* |
|--|----------------------------------|-------------------------|---|
| 1 | 86908m² | 43.4 l/sm² | 6969m³ |
| 2 | 87258m² | 43.6 l/sm² | 6996m³ |
| 3 | 88805m² | 44.4 l/sm² | 7119m³ |
| *BASED ON WINDES SC ASSESSMENT (M5-60:20.700/R:0.450) | | | |
| VOLUMES SUBJECT TO DETAILED PLANNING AND DETAILED DESIGN | | | |
- .PLANNING.
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B.S. EN ISO 9001
APPROVED Q.M.S
- Client: COUNTRYSIDE L&Q
- Project Title:
**PHASE 2,
BEAM PARK,
DAGENHAM.**
- Drawing Title:
**PROPOSED DRAINAGE
STRATEGY**
- Drawn: BWL Checked: GW
- Scale: 1:1250 @ A1 Date: MAY 2019
- Drawing No: 11433-PH2-8116 .P1.
- www.brandconsultingltd.co.uk