



WFBA DRAINAGE LEGEND

STORM WATER - PRIVATE DRAIN

FOUL WATER - PRIVATE DRAIN

STORM WATER - PROPOSED ATTENUATION TANK

OVERLAND FLOW ROUTE

SITE BOUNDARY

SURFACE WATER

JUNCTION

PIPE SIZE (mm)	STORAGE PER METRE (m³)
1000	0.008
1500	0.018
2250	0.400
3000	0.071
4500	0.159
6000	0.283
7500	0.442
9000	0.636

WATER STORAGE VOLUMES	
ATTENUATION TANK NUMBER	VOLUME (m³)
ATT 01	399
ATT 02	182
ATT 03	16.2
TOTAL VOLUME	597.2

TOTAL STORAGE REQUIRED 597.2m³
DESIGNED FOR A 1 IN 100 YEAR STORM EVENT + 40% FOR CLIMATE CHANGE.
ADDITIONAL 10% ALLOWED FOR URBAN CREEP.

- NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT, ENGINEER & SPECIALIST DRAWINGS & THE SPECIFICATION.

2. IN THE CASE OF A DISCREPANCY BETWEEN DRAWINGS OR A LACK OF DIMENSIONS OR CLEAR INFORMATION WFBA LIMITED MUST BE CONSULTED IMMEDIATELY BEFORE WORK PROCEEDS.

3. ALL LAYOUT DIMENSIONS ARE IN METRES, DETAIL DIMENSIONS IN MILLIMETRES AND LEVELS IN METRES UNLESS NOTED OTHERWISE. ALL COORDINATES ARE TO OS GRID AND ALL LEVELS ARE TO OS DATUM UNLESS NOTED OTHERWISE.

4. THE LEVEL OF THE EXISTING FOUL AND STORM SEWERS ON SITE HAS BEEN EXTRAPOLATED FROM LEVELS OF ADJACENT MANHOLES THE EXACT LEVEL AT POINT OF CONNECTION SHALL BE CHECKED PRIOR TO THE COMMENCEMENT OF THE WORKS AND ANY VARIANCE REPORT TO THE ENGINEER IMMEDIATELY.

5. ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH BUILDING REGULATIONS.

6. ALL ADOPTABLE DRAINAGE TO BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION, TOGETHER WITH ANY PARTICULAR REQUIREMENTS OF THE LOCAL DRAINAGE AUTHORITY.

7. UNLESS NOTED OTHERWISE ALL DRAINAGE PIPES ARE TO BE 100mmØ. ALL GULLY LEADS ARE TO BE 150mmØ.

8. ALL EXTERNAL RWP's TO HAVE RODDING ACCESS.

9. ALL HIGHWAY WORKS TO BE IN ACCORDANCE WITH THE DTP SPECIFICATION FOR HIGHWAYS WORKS, TOGETHER WITH PARTICULAR REQUIREMENTS OF THE LOCAL HIGHWAYS AUTHORITY.

10. THE LOCATION OF KNOWN EXISTING PUBLIC UTILITY SERVICES IS AS PROVIDED BY THE STATUTORY UNDERTAKERS. NO GUARANTEE CAN BE GIVEN AS TO THE ACCURACY OF THIS INFORMATION. THE CONTRACTOR IS TO ASCERTAIN THE EXACT LOCATION PRIOR TO THE COMMENCEMENT OF WORKS.

11. ALL DUCTS TO BE LAID AT DEPTHS TO SUIT THE RELEVANT STATUTORY UNDERTAKER.

12. SERVICE ENTRY POINTS ON BUILDINGS ARE TO BE CHECKED AGAINST ARCHITECTS LAYOUTS PRIOR TO DUCT LAYING AND ANY DISCREPANCIES REPORTED WFBA IMMEDIATELY.

13. ALL RWP & SVP LOCATIONS TO BE CONFIRMED BY THE ARCHITECT PRIOR TO CONSTRUCTION.

14. ALL CONNECTIONS TO EXISTING DRAINAGE TO BE CHECKED AND VERIFIED ON SITE PRIOR TO CONSTRUCTION STAGE.

15. TOPOGRAPHICAL SURVEY PROVIDED BY MK SURVEYS. SITE SETTING OUT HAS BEEN BASED OFF OF THIS DRAWING.

16. ANY DISCREPANCY FOUND BETWEEN OVERLAIN THIRD-PARTY DRAWINGS & LATEST THIRD-PARTY DRAWINGS MUST BE RAISED WITH WFBA IMMEDIATELY.
- DO NOT SCALE THIS DRAWING - IF IN DOUBT ASK.
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|-------------|--------------|------------------------|----------|---------|
| P03 | 14/04/20 | ARCHITECTS LAYOUT | EM | RL |
| P02 | 30/10/19 | UPDATE DRAINAGE DESIGN | EM | PT |
| P01 | 27/02/19 | PRELIMINARY ISSUE | KG | RL |
| Revision | Date Revised | Revision Notes | Approved | Checked |
| PRELIMINARY | | | | S2 |
- Project Name
COLT INTERNATIONAL
BARTONS ROAD/MARTIN ROAD
HAVANT
- Architect
MH ARCHITECTS
- Client
DREW SMITH LIMITED
- Consulting Civil & Structural Engineers

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IN ANY WAY WITHOUT THEIR AUTHORITY.
- Drawing Title
SURFACE DRAINAGE STRATEGY
LAYOUT PLAN
- | | | |
|--|----------------------|-------------------|
| Created By
KG | Checked By
RL | Approved By
PT |
| WFBA Project Reference:
19142 | Scale:
1:400 @ A1 | DATE
FEB 2019 |
| PROJECT - ORIGINATOR - VOLUME - LEVEL - TYPE - ROLE - NUMBER | | REVISION |
| 19142 - WFBA-XX-DR-X 0500 | | P03 |