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anhole No.

S2

S3

S4

S5

S6

S7

S17

S18

42.00

41.32

39.400

39.66 39.51

39.51

3.10

1.51

r deta

1200Ø

мн в

D400

0Ø B

150Ø 300Ø

43.3

42.94

42.94

42.81

42.76

42 76

42.70

42.70

43.10

43.10

42.535

42.46

42.565

42.44 42.44

43.75

43.80

44.08

44.05

43.85

43.83

If there should be any doubt or query regarding the interpretation of the information given on this Drawing, please enquire directly to Rolton Group Ltd before executing such part of the works. The contents of this drawing are strictly confidential and must not in any circumstances be copied, shown, published or otherwise disclosed to anyone, outside the Rolton Group without express consent in writing.

Storm Water Manhole Schedule

0.64

0.66

0.89

1.23

0.8

1.165

1.165

MH Ø

450Ø

450Ø

450Ø

450Ø

450Ø

1200Ø

1200Ø

PPIC

PPIC

PPIC

PPIC

MH >

C250

C250

C250

C250

C250

528099 4426

185346.019

528110.326E

118335 6111

528112.396E

185336.875N

528202.906E 185356.513N

Plpe @

1000

150Ø

150Ø outlet

100Ø

150Ø

150Ø outlet

225Ø outlet

100Ø

225Ø

Sewer Type Key: ____ Existing combined drainage Proposed Private Surface Water Sewe Proposed Private Foul Water Sewer

Proposed Private Combined Water Sewer Proposed RWP Connection to Storm Proposed SVP Connection to Foul Proposed Private FW Gully (floor gully) Proposed Private FW Gully (yard gully)

	Proposed Priva	re	Sw Gully (ya	ira guily)		
	 Proposed SW I ground connection 					
е						
Cover	Coordinates					
C250	528086.435E 185333.472N					
C250	528105.272E 185309.321N		S10	42.95	40.95 (BD) 39.86 39.86	225Ø 300Ø 300Ø (outlet)
					42.62	1000

S11

S12

42.62

42.495

39.905

39.905

43.68

42.60

FFL:43.680

100Ø

225Ø outlet

225Ø

(225Ø (outlet)

G MM YG 6.000/2250/1:29/76.3m

FFL:43.680

FFL:43.230

0.96

2.695

General notes: Network Rall Easement

Proposed Services Easement

1.000/600Ø/1:50/27.00m

General Key:

Drainage Model Pipe Reference

Manhole/Inspection Chamber Type Key:

Surface Water PCC MH/CP

Combined Water PCC MH

Surface Water Control Chamber

Proposed Private Cellular Storage Tank

C250

C250

C250

<u>(</u>n

528141.078E 185339.216N

528191.204F

FFL:42.405

Surface Water Catch-plt Manhole

Surface Water PPIC

мн в

мн х

мн в

Foul Water PPIC

1200Ø

1200Ø

1200 x

RAILWAY (below)

- ${\bf 1}. \ \,$ This drawing is to be read in conjunction with all the relevant contract
- 2. All dimensions are in mm unless otherwise stated.
- 3. Drawings marked Preliminary are for guidance/approval only.
- 4. The developer is responsible for locating any existing services, for making provision for access to lay service to serve adjacent sites and for protecting any services to the satisfaction of the relavent utility company.
- 5. The developer is to obtain all necessary licences/ permissions before making connecting to existing sewers.
- 6. Pipes to be connected soffit to soffit.
- 7. All invert levels are to be checked on site prior to work commencing and any $% \left(1\right) =\left(1\right) \left(1\right) \left$ discrepancies reported immediatly
- 8. Levels indicated are Invert levels unless noted otherwise and are of lowest
- 9. Drawing based on
- Site Layout General Arrangement, 1952-GA-SP-L00, rev.P3, produced by Alan Camp Architect
- b. Block A General Arrangement Drawing, 1952-GA-P-A-L00, rev.P12, produced by Alan Camp Architect

FFL:41.505

FFL:41.955

FFL:41.955

150Ø

150Ø

0.91

450Ø

PPIC

C250

41.68

41.68

42.74

F7

FFL:41 505

- c. Block B1 General Arrangement Drawing, 1952_GA-B1-C-L00, rev.P9,

- Block B1 General Arrangement Drawing, 1952_GA-B1-C-L00, rev.P9, produced by Alan Camp Architect
 Block B2 General Arrangement Drawing, 1952_GA-B2-C-L00, rev.P8, produced by Alan Camp Architect
 Block C General Arrangement Drawing, 1952_GA-P-C-L00, rev.P8, produced by Alan Camp Architect f. Landscape Design drawings: HO-439 DA 001 R00,
- HO-439_HL_CY105_R00, HO-439_HL_CY205_R00, dated 05/03/2014, produced by Hannah Oakden Landscape Design

Private drainage notes:

- 1. All specifications and installations are to comply with the latest edition of the Building Regulations approved documents (part H), relevant BS and manufacturers recommendations.
- 2. All connections below the slab and from the building to be at an approximate minimum gradient of 1:40.
- 3. Drawing to be read in conjunction with construction details drawings 12-0083/INF/30-32
- 4. Pipes to be 100mm dia. UPVC to BS4660 laid on class S granular bed and surround and backfilled in accordance with detail on drawing unless otherwise shown. Pipes with less than 0.6m cover in un-trafficked areas or 0.9m cover in trafficked areas to have min. of 100mm concrete surround class Z.
- 5. Pipes running under buildings to have a min. of 100mm granular
- 6. Drainage run connecting into the adoptable manholes needs to be Class 120 concrete or Vitrified Clay as stated in the notes for the adoptable drainage.
- 7. Inspection chambers and manholes. Brickwork Class B engineering to BS 3921, pre-cast concrete sections to BS 5911, plastic relevant BBA certificate.
- 8. Rodding eyes and access fittings to be in accordance with BS 4660 and relevant BBA certificate.
- 9. Inspection chambers and manholes to have removable non-ventilating covers to a load class as indicated on the manhole schedule.

225Ø/1:120 /19.4m /

Co4

528145.804F

185340.486N

41.70

41.70

38.41

38.38

38.38 ex

225Ø (outlet)

225Ø

10. All drainage adjacent to the Network Rajl easement and above ground anchors to be encased in concrete (Class Z)



ROLTON GROUP ENGINEERING THE FUTURE

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ONE MINERVA BUSINESS PARK LYNCH WOOD PETERBOROUGH PE2 6FT

THE DAVID ROLTON BUILDI TWELVE QUARTZ POINT STONEBRIDGE ROAD BIRMINGHAM B46 3JL

GR

528171.076

528183 771

528214.678E

185360.078

185359.520

528201.850E

185356.055

528189.167

185344.371N

528202.890

185359.966

528222.249

185361.329

528225.081E 185363.130N

PPIC

PPIC

PPIC

PPIC

PPIC

PPIC

мн А

мн А

мн а

3.065

3.095

1200Ø

1200Ø

C250

C250

D400

D400 #

D400

D400

D400

D400

CONNECTION TO THE **EXISTING SEWER SUBJECT** TO THAMES WATER **APPROVAL**

C12	27.02.15	Co4 moved further north	SDP
C11	20.02.15	Co4 moved	SDP
C10	20.11.14	S20 moved, S17 details amended	SDP
C9	14.11.14	S13-S17 lowered, BD added to S13. Foul drainage to block C adjusted (F10-F13)	SDP
C8	29.10.14	Drainage to block C amended to assist with foundation crossings. Hydrobrake updated	SDP
C7	08.10.14	Foul drainage to block C revised Alternative outfall MH C03 and C04 added	SDP
C6	11.07.14	F7 and F9 Invert levels revised	SDP
C5	15.05.14	Manhole schedule added Block A SVP locations revised Drainage outfall location amended	SDP
C4	28.04.14	SW drainage layout revised between S13 and Co1, FW drainage revised between F10 &	SDP Co1
C3	07.04.14	New site layout and GF layouts attached. FFLs and drainage revised.	SDP
C2	17.02.14	Storage tank location and Hydrobrake details adjusted. Interceptor trap moved Pipe referen 3.000,3.001,4.000,4.001,1.006 adjusted	SDP
C1	28.11.13	Construction issue. Drainage layout revised following changes to proposed site & building	SDP ayouts
T1	03.06.13	Detailed storm & foul drainage details added	SWF

	for TENDER purposes only.					
P3 16.05.13	Proposed surface water drainage added.					
P2 26.03.13	Risk Assessment Reference amended	SDP				
P1 18.09.12	Preliminary issue	SDP				
Rev. Date	Description of Issue	Chkd				
Revisions						
Issue Purpos	se:					

CONSTRUCTION

Bacton Low Rise Camden

Proposed Drainage Layout

DHO site

12-0083 XDRA 001

Checked By: SDP AJM Scales: 1:250@A1 Date: Sept 12

1:500@A3

12-0083/INF/11 C12

