A1

Stubley Meadow

Path (um)

Manor

EXISTING SEWER LEVEL T.B.C PRIOR TO CONSTRUCTION TO CHECK PROPOSED DIVERSION ROUTE IS ACHIEVABLE.

ATTENUATION BASIN
TOP 137.200
BASE 134.700
GRADE 1:3

EX. 2250 COMBINED SEWER

525Ø @ 1:338 (S1.003)

525Ø @ 1:370 (S1.004)

525Ø @ 1:312 (S1.006)

300Ø @ 1:341 (S1.009)

300Ø @ 1:62 (S1.007)

EX. 1950Ø COMBINED SEWER

EX. 675Ø COMBINED SEWER

MH SW10
CL: 137.300
I.L.: 135.325
1800Ø

MH SW09
CL: 137.250
I.L.: 135.405
1800Ø

MH SW11
CL.: 137.20
I.L.: 134.965
2000Ø

DC SW10a 600Ø
CL: 137.450
I.L.: 135.800

DC SW9a
600Ø
CL: 137.550
I.L.: 135.850

DC FWUU6
600Ø
CL: 137.100
I.L.: 135.750

DC FWUU5
600Ø
CL: 137.350
I.L.: 135.900

DC FWUU4 600Ø
CL: 137.400
I.L.: 135.650

FW BD 136.10

SW BD 136.70

FW BD 135.430

FW BD 136.225

FW BD: 135.430

HEADWALL IN @ 135.275

HEADWALL OUT @ 135.000

EX UUMH
CL.:137.00
IL.:133.66
MINOR ADJUSTMENT TO EXISTING COVER LEVEL.

EX UUMH 5603
CL.:136.94
IL.:132.67
EXISTING COVER LEVEL TO BE RAISED TO 137.237. (+0.310m)

EX UUMH 5604
CL.:137.23
IL.:132.55 TBC

EX UUMH 6603
CL: 136.41
IL: TBC

EX UUMH 5602
CL.:135.50
IL.:132.87

COMPLEX FLOW CONTROL PLACED IN MANHOLE TO RESTRICT FLOWS TO RESPECTIVE GREENFIELD RATES. HYDROBRAKE SHE-0219-2500-1000-2500 AT BASE RATED AT 25L/S WITH DESIGN HEAD OF 1.0m FOR THE 1YR EVENT. 131mmØ ORIFICE PLATE PLACED 1m ABOVE INVERT WITH 225mm OUTLET PIPE FOR THE 100YR + 45% cc EVENT. GREENFIELD RATES:
1YR - 25.1L/S
30YR - 48.9L/S
100YR - 60.0L/S

NEW HEADWALL CONSTRUCTED ON LINE OF EXISTING WATERCOURSE (SUBJECT TO EA APPROVAL)

BED LEVEL:133.49
OUTLET LEVEL: 133.965

RIVER ROCH

FFL 137.500
FFL 137.550
FFL 137.650
FFL 138.150
FFL 137.850
FFL 137.750

23 24 25 26 21 22

CHANNEL

3m 3m 3m 3m

NOTES

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All other design team elements, where indicated, have been imported from the consultant's drawings and reference should be made to the individual consultant's drawings for exact setting out, size and type of component.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION
NO ABNORMAL RESIDUAL RISKS.

MAINTENANCE / CLEANING
NO ABNORMAL RESIDUAL RISKS.

DECOMMISSIONING / DEMOLITION
NO ABNORMAL RESIDUAL RISKS.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

LEGEND

- SITE BOUNDARY

EXISTING UU DRAINAGE
- EXISTING COMBINED PUBLIC SEWER AND MANHOLE

PROPOSED S104 UU DRAINAGE
- PROPOSED S104 SW PUBLIC SEWER AND MANHOLE
- PROPOSED S104 FW PUBLIC SEWER AND MANHOLE
- PROPOSED S104 SW LATERAL SEWER AND DEMARCATION CHAMBER
- PROPOSED S104 FW LATERAL SEWER AND DEMARCATION CHAMBER
- EXISTING EASEMENT
- PROPOSED SEWER EASEMENT
- VC VITRIFIED CLAY PIPE MATERIAL (SW & FW)
- CO CONCRETE PIPE MATERIAL (SW ONLY)

PROPOSED S38 HIGHWAY DRAINAGE
- G PROPOSED S38 SW HIGHWAY GULLY AND TAIL

PROPOSED PRIVATE DRAINAGE
- PROPOSED PRIVATE SW PIPE 100Ø AT 1:100 u.n.o
- PROPOSED PRIVATE FW PIPE 100Ø AT 1:80 u.n.o.
- PROPOSED PRIVATE ACCESS CHAMBER 280 or 320Ø
- PROPOSED PRIVATE INSPECTION CHAMBER 450Ø

DRAWING LIST

13169 102 EXISTING DRAINAGE CCTV SURVEY RESULTS
13169 200 PROPOSED DRAINAGE PLAN OVERVIEW
13169 201-204 PROPOSED DRAINAGE PLANS
13169 205 MANHOLE SCHEDULE - SW
13169 206 MANHOLE SCHEDULE - FW

Rev	Description	By	Date	Chk'd
P3	BUILDING FFLs AND DEMARCATION COVER LEVELS ADDED. CLIMATE CHANGE ALLOWANCE INCREASED	AMT	20.08.26	AJ
P2	UPDATED TO LATEST SITE PLAN	AMT	05.12.25	AJ
P1	ISSUED FOR COMMENT	AMT	26.05.23	AJ

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RUSSELL HOMES

Project
LAND OFF NEW STREET LITTLEBOROUGH

Drawing
PROPOSED DRAINAGE PLAN SHEET 3 OF 4

Purpose of Issue
PRELIMINARY

Scale @ A1	Date	Drawn	Checked
1:200	Apr' 2023	AMT	AJ

Project No.	Drawing No.	Revision
13169	203	P3

WORK IN PROGRESS (PRELIMINARY)

The information on this drawing is an optimised cost solution based upon external information as of the 05/12/25. It may be subject to change based upon external influences through design development such as client brief & scope changes, services / b.w.i.c, sub-contractor requirements etc. The information must therefore be used with a suitable contingent approach with respect to strategic decision making, cost management, N.I.A measurement etc.