NOTE;
FFL & COVER LEVELS TO BE CONFIRMED UPON COMPLETION OF LEVELS AND EARTHWORKS ANALYSIS AT DETAILED DESIGN.

NOTE;
ASSUMPTION THAT DRAINAGE REQUIRED AT ALL THRESHOLD LOCATIONS , ACO M100D WITH BRICKSLOTS OSA.

CCTV IDENTIFIED STRUCTURAL DEFECT AT 6 OCLOCK. EXISTING PIPE TO BE INTERNALLY LINED LOCALLY TO REPAIR, TO SUBCONTRACTOR SPECIFICATION.

PROPOSED CONNECTION TO MATCH EXISTING MH BENCHING.

DETRITUS IDENTIFIED ON CCTV. UU TO CLEAN AND JET EXISTING SEWER.

ATTENUATION TANK 1 - S1005
20m x 7.5m x 1.2m DEEP POLYSTORM-R (OSA) ATTENUATION TANK.
VOLUME = 180m³
CL = 29.650m
IL = 27.750m

HYDROBRAKE CHAMBER,
REF: MD-SCU-0149-3000-1855-3000
DESIGN HEAD: 1.855m
DESIGN FLOW: 30 l/s

HYDROBRAKE CHAMBER,
REF: MD-SCU-0126-2000-1605-2000
DESIGN HEAD: 1.605m
DESIGN FLOW: 20 l/s

FFL = +29.950m TBC

ATTENUATION TANK 2
15m x 5m x 1.2m DEEP POLYSTORM-R (OSA) ATTENUATION TANK.
VOLUME = 90m³
IL = 27.800m

DETRITUS IDENTIFIED ON CCTV. UU TO CLEAN AND JET EXISTING SEWER.

REBENCH AND REUSE EXISTING MANHOLE.

WHALLEY ROAD

CARLTON ROAD

RUSSELL ROAD

Childrens nursery

RE1 RE2

EXMH14 CL:29.703 IL OUT: 26.750

UU MH5202 CL:29.379 IL OUT: 26.200

S1200 Ø1200mm TYPE B CL:29.675 IL OUT: 28.575

S1006 Ø1200mm TYPE B CL:29.644 IL OUT: 27.750

S1007 Ø1200mm TYPE B CL:29.905 IL OUT: 27.715

F1006 Ø1200mm CL:29.750 IL OUT: 27.180

F1801 Ø450mm CL:29.925 IL OUT: 28.270

F1800 Ø450mm CL:29.919 IL OUT: 28.350

S5000 Ø450mm IC CL:29.836 IL OUT: 28.130

S1009 FLOW CONTROL Ø1500mm TYPE B CL:29.874 IL OUT: 27.495

F1700 Ø450mm CL:29.919 IL OUT: 28.350

S1008 Ø1200mm TYPE B CL:29.874 IL OUT: 27.630

S4000 Ø1200mm CL:29.870 IL OUT: 28.550 SUMP: 0.500m

S4000B Ø1200mm CL:29.850 IL OUT: 28.700 SUMP: 0.500m

S4000A Ø1200mm CL:29.850 IL OUT: 28.700 SUMP: 0.500m

F1600 Ø450mm CL:29.923 IL OUT: 28.350

F1601 Ø450mm CL:29.918 IL OUT: 28.025

F1005 Ø1200mm CL:29.736 IL OUT: 27.380

S3002a Ø600mm IC CL:29.887 IL OUT: 28.670

F1100 Ø450mm CL:29.931 IL OUT: 28.350

S3001a Ø600mm IC CL:29.916 IL OUT: 28.885

F1400 Ø600mm CL:29.931 IL OUT: 28.350

F1300 Ø450mm CL:29.931 IL OUT: 28.350

F1200 Ø450mm CL:29.931 IL OUT: 28.350

F1000 Ø450mm CL:29.931 IL OUT: 28.350

S3000 Ø600mm IC CL:29.950 IL OUT: 28.935

S2001 Ø450mm IC CL:29.950 IL OUT: 28.770

F2000 Ø450mm CL:29.950 IL OUT: 28.750

S1000 Ø600mm IC CL:29.920 IL OUT: 29.000

S2002 Ø600mm CL:29.920 IL OUT: 27.595

F2400 Ø450mm CL:29.907 IL OUT: 28.500

S2000 Ø450mm IC CL:29.931 IL OUT: 29.000

F2300 Ø450mm CL:29.923 IL OUT: 28.750

F2200 Ø450mm CL:29.923 IL OUT: 28.750

F2100 Ø450mm CL:29.923 IL OUT: 28.750

S2100 Ø450mm IC CL:29.815 IL OUT: 28.750

F2005 Ø600mm CL:29.736 IL OUT: 27.850

F2004 Ø600mm CL:29.878 IL OUT: 27.910

S2004 FLOW CONTROL Ø1500mm TYPE B CL:29.920 IL OUT: 27.535

F2006 Ø600mm CL:29.751 IL OUT: 27.755

F2007 Ø1200mm CL:29.586 IL OUT: 27.670

EXMH25 CL:26.504 IL OUT: 25.960

F2003 Ø600mm CL:29.884 IL OUT: 28.010

F2002 Ø600mm CL:29.769 IL OUT: 28.120

F2001 Ø450mm CL:29.855 IL OUT: 28.245

S2200 Ø600mm CL:29.702 IL OUT: 27.800

S2003 Ø1200mm CL:29.920 IL OUT: 27.770 SUMP: 0.500m

ATTENUATION TANK 2 Ø150mm CL:29.641 IL OUT: 27.800

UU MH6101 CL:29.099 IL OUT: 25.570

UU MH6003 CL:29.051 IL OUT: 25.350

UU MH5102 CL:29.401 IL OUT: 25.160

UUMH5103 CL:29.451 IL OUT: 25.160

S1004 Ø1200mm CL:29.855 IL OUT: 28.735 SUMP: 0.500m

F1004 Ø600mm CL:29.823 IL OUT: 27.570

S1100 Ø600mm IC CL:29.920 IL OUT: 28.786

F1501 Ø450mm CL:29.930 IL OUT: 29.145

F1500 Ø450mm CL:29.931 IL OUT: 29.145

S1003 Ø1200mm TYPE B CL:29.886 IL OUT: 28.810

S1002 Ø600mm IC CL:29.918 IL OUT: 28.840

F1401 Ø450mm CL:29.940 IL OUT: 28.030

F1301 Ø450mm CL:29.929 IL OUT: 28.080

F1003 Ø600mm CL:29.910 IL OUT: 27.895

S1001 Ø600mm IC CL:29.921 IL OUT: 28.930

F1002 Ø450mm CL:29.908 IL OUT: 28.025

F1001 Ø450mm CL:29.908 IL OUT: 28.110

Ø300mm

640mm x 970mm

620mm x 970mm

Ø600mm

Ø450mm

Ø375mm

Ø 150 @ 1:50
Ø 225 @ 1:135
Ø 150 @ 1:74
Ø 150 @ 1:14
Ø 225 @ 1:25
Ø 150 @ 1:30
Ø 225 @ 1:20
Ø 150 @ 1:75
Ø 300 @ 1:85
Ø 300 @ 1:266
Ø 225 @ 1:118
Ø 300 @ 1:294
Ø 300 @ Horizontal
Ø 300 @ 1:10
Ø 150 @ 1:67
Ø 150 @ 1:27
Ø 225 @ 1:38
Ø 225 @ 1:98
Ø 300 @ 1:15
Ø 300 @ 1:200
Ø 150 @ 1:155
Ø 150 @ 1:165
Ø 150 @ 1:141
Ø 150 @ 1:157
Ø 150 @ 1:177
Ø 225 @ 1:87
Ø 150 @ 1:37
Ø 225 @ 1:116
Ø 150 @ 1:85
Ø 225 @ 1:103
Ø 150 @ 1:116
Ø 225 @ 1:113
Ø 225 @ 1:40
Ø 150 @ 1:23
Ø 300 @ 1:9
Ø 150 @ 1:33
Ø 225 @ 1:149
Ø 150 @ 1:118
Ø 150 @ 1:44
Ø 300 @ 1:162
Ø 300 @ 1:269
Ø 150 @ 1:122
Ø 150 @ 1:46
Ø 300 @ 1:26
Ø 300 @ 1:130
Ø 300 @ 1:233
Ø 300 @ 1:275
Ø 150 @ 1:126
Ø 300 @ 1:211
Ø 150 @ 1:99
Ø 300 @ 1:392
Ø 150 @ 1:145

FILTER DRAIN

General notes

1. This drainage drawing is to be read in conjunction with all relevant Architect's, Engineer's drawings and specifications.
2. Do not scale this drawing. Any ambiguities, omissions and errors on the drawings shall be brought to the Engineer's attention immediately. All dimensions must be checked and verified on-site before construction commences.
3. All dimensions are in Metres unless otherwise noted.
4. All levels in mAOD unless otherwise noted.
5. The contractor is responsible for verifying the accuracy of the topographical survey and undertaking additional surveys for validation purposes.

EXISTING SURFACE WATER
EXISTING FOUL WATER
EXISTING COMBINED WATER
PROPOSED PRIVATE SURFACE WATER & MANHOLE
PROPOSED PRIVATE SURFACE WATER & INSPECTION CHAMBER
PROPOSED CHANNEL DRAIN
PROPOSED FOUL DRAIN & INSPECTION CHAMBER
PROPOSED FOUL DRAIN & MANHOLE
FILTER DRAIN

Rev.	Description	By	Date
P01	PRELIMINARY ISSUE	AS	20.12.24

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Client: Great Places Housing Group

Project: Russell Road. Whalley Range

Title: DRAINAGE STRATEGY GA

Date	20.12.24	Drawn By	AS
Size	A1	Checked By	RBG
Scale	AS NOTED	Approved By	RBG

SGi Proj No.	RIBA	Status Code	Issue Status
C1811			

Dwg No. C1811-SGI-ZZ-XX-DR-C-102 Ref. P01