N

OLDHAM ROAD

SAWLEY ROAD

FALKLAND AVENUE

GILTBROOK AVENUE

ROSEWELL AVENUE

VARLEY STREET

UU NODE 8705

UU NODE 8703

UU NODE 7702

UU MH 8700
CL: 57.52
IL: 54.37

UU MH 9701
CL 60.62
IL: 56.01

UU MH 9702
CL 59.89
IL: 56.18

UU MH 9704
CL 60.00
IL: 56.40

UU MH 9706
CL: 59.25
IL: 57.81

<< CULVERTED WATERCOURSE
600 x 1050

CULVERTED WATERCOURSE >>
600 x 1050

EXISTING CULVERTED WATERCOURSE LOCATION AND LEVELS TBC

EXISTING COMBINED SEWER LOCATION AND LEVELS TBC

EXISTING SURFACE WATER SEWER LOCATION AND LEVELS TBC FOR POSSIBLE OUTFALL REUSE

EXISTING HIGHWAY DRAIN TO BE OFFERED FOR ADOPTION. SUBJECT TO HIGHWAYS AND UNITED UTILITIES APPROVAL.

EXISTING SURFACE WATER DRAIN TO BE OFFERED FOR ADOPTION. SUBJECT TO UNITED UTILITIES APPROVAL.

EXISTING COMBINED MANHOLE LOCATION AND LEVELS TBC

OUTFALL TBC

EX MH8809 (TBC)
CL: 56.18
IL: TBC

EX CO MH
CL: 57.30
IL: 54.19

EX CO MH
CL: 57.50
IL: 54.16

F1
CL: 59.30
IL: 56.76

F2
CL: 57.284
IL: 55.438

F3
CL: 57.129
IL: 55.310

F4
CL: 59.243
IL: 57.793

F5
CL: 59.073
IL: 57.521

F6
CL: 59.50
IL: 56.48

F7
CL: 59.30
IL: 56.76

F8
CL: 59.057
IL: 56.81

S1
CL: 58.757
IL: 56.132

S2
CL: 59.262
IL: 56.035

S3
CL: 59.035
IL: 55.985

S4
CL: 59.109
IL: 55.957

S5
CL: 58.566
IL: 55.886

S6 - FLOW CONTROL
Q: 4.1 l/s
CL: 58.151
IL: 53.850

S7
CL: 57.143
IL: 54.311

S8
CL: 57.340
IL: 54.260

S9
CL: 57.181
IL: 54.337

S10 - FLOW CONTROL
Q: 6.3 l/s
CL: 57.500
IL: 54.217

S11
CL: 56.714
IL: 53.816

S12
CL: 56.285
IL: 53.716 TBC

PS1
CL: 58.75
IL: 58.10

PS2
CL: 58.70
IL: 58.10

PS3
CL: 58.913
IL: 57.880

PS4
CL: 58.215
IL: 57.009

PS5
CL: 58.625
IL: 58.000

PS6
CL: 59.093
IL: 58.414

PS7 - FLOW CONTROL
Q: 2.0 l/s
CL: 58.464
IL: 56.838

PS8
CL: 58.240
IL: 56.765

PF1
CL: 58.75
IL: 58.15

PF2
CL: 58.68
IL: 58.08

PF3
CL: 58.70
IL: 57.886

PF4
CL: 58.70
IL: 57.770

PF5
CL: 59.244
IL: 57.645

FW MH03
CL: 58.86
IL: 56.93

FW MH04
CL: 59.71
IL: 56.42

CO MH17
(UU MH 9601)
CL: 58.91
IL: 57.08

SW MH07
(UU MH 9600)
CL: 59.77
IL: 56.62

SW MH14
CL: 58.35
IL: 56.98

SW MH15
CL: 59.47
IL: 58.08

SW MH16
CL: 57.40
IL: 54.34

DIV PPIC
CL: 57.30
IL: 56.49

Tank PPIC
CL: 57.313
IL: 54.310
SUMP: 53.810

HIGH LEVEL LOOP
225Ø 1/18
IL: 56.58

OFFLINE ATTENUATION TANK
14 x 14 x 1.2 m
IL: 54.31

BD IL: 56.43

PERMEABLE PAVING: 80 m²
MIN. STORAGE: 1000mm

PERMEABLE PAVING: 128 m²
MIN. STORAGE: 350mm

PERMEABLE PAVING: 138 m²
MIN. STORAGE: 1000mm

PERMEABLE PAVING: 287 m²
MIN. STORAGE: 1000mm

PERMEABLE PAVING: 279 m²
MIN. STORAGE: 350mm

PERMEABLE PAVING: 206 m²
MIN. STORAGE: 350mm

FFL 59.550
FFL 60.000
FFL 59.200
FFL 60.075
FFL 59.300
FFL 60.150
FFL 59.320
FFL 60.075
FFL 57.800
FFL 59.170
FFL 60.000
FFL 56.970
FFL 59.250
FFL 59.020
FFL 57.750
FFL 59.025
FFL 57.750
FFL 57.750
FFL 58.750
FFL 57.055
FFL 56.680
FFL 58.800

GENERAL NOTES

THIS DRAWING TO READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR / FABRICATOR PRIOR TO COMMENCEMENT OF WORKS.

ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.

ALL WORKS TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE ENGINEER'S SPECIFICATIONS, RELEVANT BRITISH STANDARDS AND WHERE APPLICABLE LOCAL AUTHORITIES REQUIREMENTS.

EXISTING SERVICES.

CONTRACTOR TO SATISFY THEMSELVES THAT EXISTING AND PROPOSED SERVICES DO NOT CLASH WITH PROPOSED DRAINAGE

THE CONTRACTOR PRIOR TO START OF WORKS IS TO ENSURE THAT PROPOSED DRAINAGE LEVELS DO NOT INTERFERE WITH SERVICES. ALL DISCREPANCIES SHALL BE REPORTED TO ENGINEER IMMEDIATELY.

THE CONTRACTOR SHALL CHECK ALL EXISTING COVER / INVERT LEVELS AND PIPE / SEWER SIZES ON SITE PRIOR TO START OF WORKS TO ENSURE PROPOSED DRAINAGE CAN BE CONSTRUCTED AS INDICATED ON THE DRAWING. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

REDUNDANT DRAINAGE

DRAINS OR SEWERS LESS THAN 1.5m DEEP WHICH ARE IN OPEN GROUND SHOULD AS FAR AS IS PRACTICABLE BE REMOVED. OTHER PIPES SHOULD BE SEALED AT BOTH ENDS AND AT ANY POINT OF CONNECTION, AND GROUT FILLED TO ENSURE THAT RATS CANNOT GAIN ACCESS.

LARGER PIPES (225mm AND ABOVE) SHOULD BE GROUT FILLED TO PREVENT SUBSIDENCE OR DAMAGE TO BUILDINGS OR SERVICES IN THE EVENT OF COLLAPSE.

DRAINAGE KEY

- SITE BOUNDARY
- SURFACE WATER NETWORK
- FOUL WATER NETWORK
- EXISTING HIGHWAY DRAIN / MH
- EXISTING COMBINED SEWER / MH
- EXISTING SURFACE WATER DRAIN / MH
- EXISTING FOUL WATER DRAIN / MH
- EXISTING CULVERTED WATERCOURSE
- XXXXXXXX DRAINS TO BE ABANDONED
- PERMEABLE PAVING
- OFFLINE ATTENUATION TANK
- EASEMENT (AS DIMENSIONED ON PLAN)

SCALE BAR 1:200
0 1 2 3 4 5 10 15 20

Rev	Description	Date	By	Chkd
P03	UPDATED TO NEW LAYOUT (101-C)	08.06.26	JG	AD
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Project
VARLEY STREET MASTER PLAN
VARLEY STREET

Drawing Title
OUTLINE DRAINAGE STRATEGY
CENTRAL AND SOUTHERN AREA

Date	Drawn By	Checked By
FEB. 26	JG	AD

Scale at A0	Project Number
1:200	34922

Sheet Number	Revision
34922-SUT-ZZ-XX-DR-C-6020	P03