LAYOUT OF EXISTING HIGHWAY DRAINAGE SERVING OLD MOUNT STREET TO BE CONFIRMED ON SITE AND FINDINGS REPORTED TO ENGINEER AS THIS MAY AFFECT THE LOCATION OF THE PROPOSED SEWER WORKS

OLD MOUNT STREET

NAPLES STREET

LUDGATE HILL

HYDROBRAKE TO RESTRICT FLOW TO 23l/s WITH DESIGN HEAD 1.6m TO BE INSTALLED IN CHAMBER. HYDROBRAKE SPECIFICATION MD-SHE-0203-2300-1600-2300

RWP TO HAVE P-TRAP INCORPORATED AT BASE

GEOCELLULAR STORAGE TO PROVIDE 27m³ OF STORAGE. VENT PIPE REQUIRED. TANK TO BE DESIGNED BY SUPPLIER TO SUIT LOADINGS AND GROUNF CONDITIONS FOR BOTH PRE AND POST CONSTRUCTION PHASES. TANK TO BE 3.0m x 9.0m x 1.0m DEEP. IL=41.190m

150mm REVERSE ACTION INTERCEPTOR TO BE INSTALLED ON INLET

225mm REVERSE ACTION INTERCEPTOR TO BE INSTALLED ON INLET

ACO M100D DRAINAGE CHANNEL OSA, COVER TO BE D400 TO SUIT SURFACE FINISH

TIDEFLEX CHECKMATE (OSA) INLINE CHECK VALVE TO BE INSTALLED ON OUTLET PIPE FROM LIFT PIT

TIDEFLEX CHECKMATE (OSA) INLINE CHECK VALVE TO BE INSTALLED ON OUTLET PIPE FROM LIFT PIT

ACO M100D DRAINAGE CHANNEL OSA, COVER TO BE D400 SLOTTED DUCTILE IRON HEELGUARD

ACO M100D DRAINAGE CHANNEL OSA, COVER TO BE D400 SLOTTED DUCTILE IRON HEELGUARD

ACO M100D DRAINAGE CHANNEL OSA, COVER TO BE D400 SLOTTED DUCTILE IRON HEELGUARD

AREA IN ABEYANCE DUE TO BOUNDARY ISSUE

C01 Ø1200mm CL:42.863 IL: 41.138

C02 Ø1500mm CL:42.452 IL: 40.750

C03 Ø2100mm CL:42.345 IL: 39.345 TBC

NEW MANHOLE TO BE CONSTRUCTED ON EXISTING PUBLIC SEWER SUBJECT TO UNITED UTILITIES' APPROVAL. LOCATION, SIZE AND INVERT TBC PENDING SITE SURVEY

EX MH5102 CL:43.809 IL: 40.270

EX MH5104 CL:44.801 IL: 42.510

BD IL=40.685

1.005 Ø225mm VC 1:130

1.006 Ø225mm VC 1:129

750mm x 550mm BRICK U-SHAPED SEWER

1.004 Ø225mm

1.003 Ø225mm

1.002 Ø225mm

1.001 Ø225mm

4.001 Ø150mm

4.000 Ø150mm

3.000 Ø150mm

2.000 Ø150mm

1.000 Ø150mm

Ø150mm

RWP1 (IL 44.175)
RWP2 (IL 42.900)
RWP3 (IL 43.377)
RWP4 (IL 43.698)
RWP5 (IL 43,697)
RWP6 (IL 42.750)
RWP7 (IL 42.675)
RWP8 (IL 42.700)
RWP9 (IL 42.225)
RWP10 (IL 42.375)
RWP11 (IL 42.375)
RWP12 (IL 42.525)
RWP13 (IL 42.525)
RWP14 (IL 42.651)

WPC1 (IL 44.475)
WPC2 (IL 44.475)
WPC3 (IL 42.750)
WPC4 (IL 42.675)
WPC5 (IL 42.675)
WPC6 (IL 42.625)
WPC7 (IL 42.575)
WPC8 (IL 42.575)
WPC9 (IL 42.655)
WPC10 (IL 43.028)
WPC11 (IL 43.226)
WPC12 (IL 42.575)
WPC13 (IL 42.575)
WPC14 (IL 43.037)
WPC15 (IL 43.383)
WPC16 (IL 42.400)
WPC17 (IL 42.525)
WPC18 (IL 42.425)
WPC19 (IL 42.380)
WPC20 (IL 43.050)
WPC21 (IL 43.271)
WPC22 (IL 42.425)
WPC23 (IL 42.425)
WPC24 (IL 43.050)
WPC25 (IL 42.425)
WPC26 (IL 43.166)
WPC27 (IL 42.375)
WPB28 (IL 42.250)
WPC29 (IL 42.225)
WPC30 (IL 42.225)
WPC31 (IL 41.450)
WPC32 (IL 42.600)
WPC33 (IL 42.600)
WPC34 (IL 43.185)
WPC35 (IL 44.175)

FG1 (IL 42.569)
FG2 (IL 44.475)
FG3 (IL 44.175)
FG4 (IL 43.834)
FG5 (IL 43.274)
FG6 (IL 43.185)
FG7 (IL 43.366)

F01 CL:45.075 IL: 42.613
F02 CL:43.275 IL: 42.418
F03 CL:43.244 IL: 42.300
F04 Ø450mm CL:43.106 IL: 42.000
F05 CL:43.999 IL: 42.414
F06 CL:43.650 IL: 42.441
F07 CL:43.993 IL: 42.287
F07A CL:44.007 IL: 42.370
F08 CL:43.650 IL: 42.287
F09 CL:43.991 IL: 41.911
F10 CL:43.766 IL: 42.397
F11 CL:42.887 IL: 41.831
F12 CL:44.775 IL: 43.111
F13 CL:43.634 IL: 43.065
F14 CL:43.634 IL: 41.346
F16 CL:42.736 IL: 41.220

S01 CL:44.405 IL: 43.545
S02 CL:43.989 IL: 42.771
S03 CL:44.024 IL: 42.611
S04 CL:43.330 IL: 41.562
S05 CL:43.275 IL: 42.597
S06 CL:42.713 IL: 41.800
S07 CL:42.870 IL: 41.643
S10 CL:43.054 IL: 41.168

CH1 (IL 43.850)
CH2 (IL 44.138)
CH3 (IL 43.360)
CH4

C5

FOR ADOPTABLE SEWER WORKS REFER TO SEPARATE SUITE OF ADOPTABLE SEWER WORKS DRAWINGS. DRAWING NOS. MDW-SHD-ZZ-DR-C-0105 - 0107

ABBREVIATIONS

OSA - OR SIMILAR APPROVED

UNO - UNLESS NOTED OTHERWISE

GENERAL NOTES

1. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, ENGINEERS, ARCHITECTS & SERVICES DRAWINGS, INCLUDING APPROVED BUILDERS WORK DRAWINGS. CONTRACTOR TO NOTIFY ENGINEER OF DISCREPANCIES BETWEEN STRUCTURAL DRAWINGS AND SPECIFICATIONS OR OTHER DRAWINGS.

2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

3. DO NOT SCALE FROM THIS DRAWING, WORK TO DIMENSIONS OR CO-ORDINATES PROVIDED. ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE NOTED. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS, SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.

KEY

- EXISTING COMBINED WATER DRAIN
- EXISTING COMBINED WATER MANHOLE
- PROPOSED ADOPTED CW SEWER
- PROPOSED ADOPTED CW MANHOLE
- PROPOSED ADOPTED CW MANHOLE WITH BACKDROP
- PROPOSED PRIVATE SW DRAINAGE
- PROPOSED PRIVATE SW MANHOLE
- PROPOSED PRIVATE SW PPIC
- PROPOSED RWP ACCESS PIPE CONNECTION
- PROPOSED PRIVATE RAINWATER PIPE
- PROPOSED DRAINAGE CHANNEL
- PROPOSED PRIVATE FW DRAINAGE
- PROPOSED PRIVATE FW PPIC
- PROPOSED PRIVATE FW MINI PPIC
- PROPOSED PRIVATE FW MANHOLE
- PROPOSED PRIVATE FW PCC IC WITH BACKDROP
- PROPOSED WASTE POINT CONNECTION
- PROPOSED FLOOR GULLY - WADE BOTTLE TRAP BODY (GC144) WITH CIRCULAR SS GRATING (K2307) TO SURFACE FINISH. FLOOR GULLY TO INCLUDE FILTER BUCKET (UP701)
- PROPOSED LIFT PIT DRAIN
- SITE BOUNDARY

FOR SETTING OUT DETAILS OF PIPES PASSING THROUGH GROUND BEAMS AND WALLS REFER TO DRAWING NUMBER MDW-SHD-00-ZZ-DR-C-0104. WHERE PIPES PASS THROUGH GROUND BEAMS AND WALLS PIPE ARE TO BE CAST IN TO THE BEAM / WALL WITH ROCKER PIPES EITHER SIDE. REFER TO DRAWING NUMBER MDW-SHD-00-ZZ-DR-C-0102 FOR DETAIL

FOR DRAINAGE DETAILS AND NOTES REFER TO SCOTT HUGHES' DRAWING MDW-SHD-00-ZZ-DR-C-0101 & 0102

ALL PIPEWORK TO BE 100mm DIAMETER UNO

ALL WPC AND RWP DROP LOCATIONS TO BE CONFIRMED BY OTHERS

ALL CONNECTIONS TO HAVE ABOVE GROUND RODDABLE ACCESS

ALL WPC AND RWP DROP LOCATIONS TO BE CONFIRMED BY OTHERS

No	DATE	DRAWN	REV'D ENG.	AMENDMENT

No	DATE	DRAWN	REV'D ENG.	AMENDMENT

C5	07.02.19	AB	PG	MH COVER LEVELS ADDED AND CLOUDED REVISIONS
C4	17.01.19	AB	PG	CLOUDED REVISIONS
C3	11.01.19	AB	PG	CLOUDED REVISIONS
C2	04.12.18	AB	PG	CLOUDED REVISIONS
C1	09.11.18	AS	AB	CONSTRUCTION ISSUE

No	DATE	DRAWN	REV'D ENG.	AMENDMENT

STATUS: A — PURPOSE OF ISSUE: CONSTRUCTION

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PROJECT: MEADOWSIDE PLOT 5 MANCHESTER

DRAFTER: AS — ENGINEER: AB

DRAINAGE GA

SCALE	SHEET	DRAWING No	REV
1:125	A1	MDW-SHD-00-ZZ-DR-C-0100	C5