

MANHOLE SCHEDULE - AS Plot 2 SW drainage													
NAME	EASTING [m]	NORTHING [m]	COVER LEVEL [m]	INVERT LEVEL [m]	DEPTH [m]	TYPE	COVER LOADING	COVER TYPE	INCOMING PIPE DIAMETER [mm]	INCOMING PIPE IL [m]	OUTGOING PIPE DIAMETER [mm]	OUTGOING PIPE IL [m]	COMMENTS
SW MH01	384414.945	398995.993	47.490	46.150	1.340	1,200 dia. Type B Manhole	B125	RE	150 150 150	46.150 46.150 46.150	150	46.150	
SW MH02	384386.293	398976.893	47.500	45.805	1.695	450 dia. Type D Manhole	B125	RE	150 150	45.805 45.805	150	45.805	
SW MH03	384384.930	398974.849	47.500	45.480	2.020	1,200 dia. Type B Manhole	B125	RE	150 150	45.780 45.780	150	45.780	CATCHPIT 300mm SUMP
SW MH04	384382.389	398970.754	47.500	42.725	4.775	1,200 dia. Type A2 Manhole	B125	RE	300	42.725	150	42.725	FLOW CONTROL CHAMBER DISCHARGE RATE LIMITED TO 1.1l/s AT 3.5m DESIGN HEAD.
SW MH05	384378.912	398964.208	44.720	42.640	2.080	1,200 dia. Type B Manhole	D400	ST	150	42.640	150	42.640	
SW MH06	384381.944	398955.751	44.650	39.840	4.810	1,200 dia. Type A2 Manhole	D400	ST	150 150	42.520 BD 39.840	150	39.840	
SW MH07	384370.999	398933.104	44.650	39.515	5.135	1,200 dia. Type A2 Manhole	D400	ST	150 150	39.590 43.500 BD	225	39.515	
SW MH08	384366.974	398935.022	44.500	39.320	5.180	1,200 dia. Type A2 Manhole	D400	ST	225 300	39.395 39.320	300	39.320	
SW MH09	384365.546	398932.223	44.500	39.300	5.200	1,200 dia. Type A2 Manhole	D400	ST	300 225	39.300 40.875 BD	150	39.300	
SW MH10	384395.671	399036.814	44.400	43.050	1.350	450 dia. Type D Manhole	D400	RE	150 150	43.050 43.050	150	43.050	
SW MH11	384393.797	399031.518	43.950	42.600	1.350	1,200 dia. Type B Manhole	D400	RE	150 150 150 150	42.600 42.600 42.600 42.600	150	42.600	
SW MH12	384362.512	399010.104	43.000	41.325	1.675	450 dia. Type D Manhole	B125	RE	150 150	41.625 41.625	150	41.625	CATCHPIT 300mm SUMP
SW MH13	384342.651	398997.621	42.260	40.510	1.750	1,200 dia. Type B Manhole	B125	RE	225 150	40.510 40.585	150	40.510	FLOW CONTROL CHAMBER DISCHARGE RATE LIMITED TO 3.3l/s AT 1m DESIGN HEAD.
SW MH14	384335.785	398990.713	42.250	40.425	1.825	1,200 dia. Type B Manhole	B125	RE	150	40.425	150	40.425	
SW MH15	384375.882	398958.184	42.300	39.910	2.390	1,200 dia. Type B Manhole	D400	ST	150 150	39.910 41.250 BD	150	39.910	
SW MH16	384365.133	399002.747	43.000	41.650	1.350	450 dia. Type D Manhole	B125	RE	150 150	41.950 41.950	150	41.950	CATCHPIT 300mm SUMP

MANHOLE SCHEDULE - AS Plot 2 FW drainage													
NAME	EASTING [m]	NORTHING [m]	COVER LEVEL [m]	INVERT LEVEL [m]	DEPTH [m]	TYPE	COVER LOADING	COVER TYPE	INCOMING PIPE DIAMETER [mm]	INCOMING PIPE IL [m]	OUTGOING PIPE DIAMETER [mm]	OUTGOING PIPE IL [m]	COMMENTS
FW MH01	384412.349	399011.705	44.000	42.650	1.350	1,200 dia. Type B Manhole	D400	ST	100 100	42.700 42.700	150	42.650	DOUBLE SEALED COVER
FW MH02	384413.485	399005.535	44.000	42.450	1.550	1,200 dia. Type B Manhole	D400	ST	150 150 100	42.575 42.575 42.625	225	42.450	DOUBLE SEALED COVER
FW MH03	384394.099	398991.088	43.000	41.760	1.240	1,200 dia. Type B Manhole	B125	ST	150 100 100 225	41.835 41.885 41.885 41.760	225	41.760	DOUBLE SEALED COVER
FW MH04	384399.238	398983.189	47.630	41.610	6.020	1,200 dia. Type A2 Manhole	B125	RE	225	41.610	225	41.610	
FW MH05	384388.022	398975.107	47.500	41.400	6.100	1,200 dia. Type A2 Manhole	B125	RE	225	41.400	225	41.400	
FW MH06	384382.222	398962.188	44.720	41.220	3.500	1,200 dia. Type A2 Manhole	D400	ST	225	41.220	225	41.220	
FW MH07	384383.960	398957.318	44.650	41.155	3.495	1,200 dia. Type A2 Manhole	D400	ST	225	41.155	225	41.155	
FW MH08	384373.038	398935.060	44.650	40.520	4.130	1,200 dia. Type A2 Manhole	D400	ST	225	40.520	225	40.520	
FW MH09	384369.632	398936.038	44.600	40.430	4.170	1,200 dia. Type A2 Manhole	D400	ST	225 225	40.430 40.430	225	40.430	
FW MH10	384368.049	398932.546	44.530	39.215	5.315	1,200 dia. Type A2 Manhole	D400	ST	225	40.380 BD	225	39.215	
FW MH11	384389.938	399000.140	43.000	41.950	1.050	600 dia. Type D Manhole	B125	ST	100 100	42.000 42.000	150	41.950	DOUBLE SEALED COVER
FW MH12	384391.523	398997.853	43.000	41.900	1.100	600 dia. Type D Manhole	B125	RE	150 150	41.900 41.900	150	41.900	DOUBLE SEALED COVER
FW MH13	384382.839	398992.351	43.000	42.000	1.000	450 dia. Type D Manhole	B125	RE	100 100 100 100	42.050 42.050 42.050 42.050	150	42.000	DOUBLE SEALED COVER
FW MH14	384387.181	398995.102	43.000	41.950	1.050	450 dia. Type D Manhole	B125	RE	150 100 100 100	41.950 42.000 42.000 42.000	150	41.950	DOUBLE SEALED COVER

ABBREVIATIONS

ST - SOLID TOP
RE - RECESSED COVER
BD - BACKDROP

- © Burol Happold Limited or its group companies.
All Rights reserved. Burol Happold and its group companies assert (unless otherwise agreed in writing) their rights under s 77 to 80 of the Copyright, Designs and Patents Act 1988.

DO NOT SCALE THIS DRAWING.

HEALTH AND SAFETY INFORMATION

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

CONSTRUCTION

 - WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
 - WORKS IN PROXIMITY TO LIVE SERVICES
 - WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET AND ANGEL STREET

MAINTENANCE/CLEANING/OPERATION

 - WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
 - WORKS IN PROXIMITY TO LIVE SERVICES
 - WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET AND ANGEL STREET

DECOMMISSIONING/DEMOLITION

 - WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
 - WORKS IN PROXIMITY TO LIVE SERVICES
 - WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET AND ANGEL STREET
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, DETAILS AND SPECIFICATIONS.
 - ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS IN LINE WITH CURRENT LEGISLATION WHEN WORKING IN/NEAR CONFINED SPACES, DEEP EXCAVATIONS AND UTILITIES.
 - WHERE INFILL MANHOLE COVERS ARE SPECIFIED THE LOCATION OF MANHOLES AND ORIENTATION OF THE COVERS SHALL BE COORDINATED ON SITE TO SUIT THE SURFACING MATERIAL AND PAVING ARRANGEMENT WHEREVER POSSIBLE.
 - REFER TO BHE DRAWING No. AS-BHE-XX-XX-DR-C-3150 & 3151 FOR DRAINAGE GENERAL ARRANGEMENTS.

P01

ISSUED FOR STAGE 3

28.04.2023

FR

PT

PT

Rev	Description	Date	Iss'd	Rev'd	App'd
-----	-------------	------	-------	-------	-------

STAGE 3

Project Stage

COMMENT

Status of Drawing

BURO HAPPOLD

3 Wellington Place
Leeds
LS1 4 AP
UK

Tel: +44 (0)113 204 2200
Fax: +44 (0)170 787 4144
Email: 0050930@burohappold.com
Web: www.burohappold.com

ClientMEPC

ArchitectCARTWRIGHT PICKARD

ProjectANGEL SQUARE PLOTS 2 AND 3

Dwg TitlePROPOSED DRAINAGE
SURFACE AND FOUL WATER
MANHOLE SCHEDULE PLOT 2

Job No. 0050930	Scale@A1 NTS	
Drawn/Designed By. FR	Checked By. PT	Approved By. PT
Drawing No. AS-BHE-XX-XX-DR-C-3850	Revision P01	