

MANHOLE SCHEDULE - Enabling Works Proposed Surface Water Drainage																		
MANHOLE REF.	EASTING [m]	NORTHING [m]	COVER LEVEL [m]	INVERT LEVEL [m]	DEPTH TO INVERT [m]	MANHOLE TYPE	INNER DIAMETER [mm]	CLEAR OPENING DIMENSIONS [mm]	COVER TYPE	COVER GRADE	INCOMING PIPE INVERT LEVEL [m]	INCOMING PIPE DIAMETER [mm]	UPSTREAM CONNECTION	OUTGOING PIPE INNER DIAMETER [mm]	OUTGOING PIPE INVERT LEVEL [m]	OUTGOING PIPE LENGTH [m]	OUTGOING PIPE SLOPE	COMMENTS
SWMH08	344226.093	390901.354	36.506	34.100	2.406	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125				300	34.100	14.623	1:120	STUBS FOR FUTURE INCOMING CONNECTIONS FROM CHQ PLOT AND PLOT 2A.
SWMH09	344211.652	390899.060	36.288	33.978	2.310	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125	33.978	300	SWMH08	300	33.978	18.817	1:81	
SWMH12	344197.448	390886.720	36.244	33.446	2.498	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125	33.746	300	SWMH09	300	33.746	9.644	1:51	STUBS FOR FUTURE INCOMING CONNECTIONS FROM CHQ PLOT AND PERMEABLE PAVING 4. CATCHPIT FOR SETTLEMENT OF SOLIDS BEFORE TANK.
SWMH17	344219.361	390852.195	36.925	34.481	2.444	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125				225	34.481	17.535	1:50	STUB FOR FUTURE INCOMING CONNECTION FROM PLOT 2A.
SWMH18	344205.231	390841.818	36.641	34.131	2.510	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125	34.131	225	SWMH17	225	34.131	16.071	1:50	STUB FOR FUTURE INCOMING CONNECTION FROM PLOT 2B.
SWMH23	344188.010	390836.748	36.807	33.970	2.837	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125				225	33.970	12.679	1:79	STUBS FOR FUTURE INCOMING CONNECTIONS FROM PLOT 2B, HOTEL PLOT AND RAIN GARDEN 5. BACKDROP PRESENT ON INCOMING PIPE. REFER TO 0054419-BHE-XX-XX-DR-C-3000 FOR DETAILS.
SWMH26	344182.186	390848.992	36.259	34.000	2.259	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125				150	34.000	8.719	1:76	STUBS FOR FUTURE INCOMING CONNECTIONS FROM HOTEL PLOT, RAIN GARDEN 2 AND RAIN GARDEN 4. BACKDROPS PRESENT ON INCOMING PIPES. REFER TO 0054419-BHE-XX-XX-DR-C-3000 FOR DETAILS.
SWMH27	344190.904	390849.092	36.712	33.810	2.902	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125	33.810 33.810 33.885	225 225 150	SWMH23 SWMH18 SWMH26	225	33.810	21.795	1:105	
SWMH28	344192.535	390870.825	35.792	33.303	2.189	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125	33.603	225	SWMH27	225	33.603	4.503	1:96	STUB FOR FUTURE INCOMING CONNECTION FROM PERMEABLE PAVING 6. CATCHPIT FOR SETTLEMENT OF SOLIDS BEFORE TANK.
SWMH29	344171.440	390868.109	36.194	33.473	2.721	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125	33.473	300	Attenuation Tank	300	33.473	7.791	1:160	
SWMH30	344166.466	390874.105	35.964	33.424	2.540	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125	33.424	300	SWMH29	300	33.424	3.757	1:47	STUBS FOR FUTURE INCOMING CONNECTIONS FROM SWALE AND RAIN GARDEN 1. BACKDROPS PRESENT ON INCOMING PIPES. REFER TO 0054419-BHE-XX-XX-DR-C-3000 FOR DETAILS.
SWMH31	344164.195	390877.097	36.231	33.345	2.886	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125	33.345	300	SWMH30	300	33.345	5.441	1:23	
SWMH32	344158.949	390875.674	36.083	33.110	2.973	1,200 dia. Type B Manhole	1200 DIA.	600 x 600	RE	B125	33.110 33.185	300 225	SWMH31 Filter Drain	300	33.110	38.249	1:24	HYDROBRAKE FLOW CONTROL OR EQUIVALENT APPROVED. REFER TO 0054419-BHE-XX-XX-DR-C-3000 FOR DETAILS.
SWMH33	344135.757	390906.049	33.831	31.432	2.399	1,350 dia. Type B Manhole	1350 DIA.	600 x 600	RE	B125	31.507	300	SWMH32	375	31.432	54.921	1:87	STUB FOR FUTURE INCOMING CONNECTION FROM PERMEABLE PAVING 10. HYDROBRAKE FLOW CONTROL OR EQUIVALENT APPROVED. REFER TO 0054419-BHE-XX-XX-DR-C-3000 FOR DETAILS.
SWMH34	344092.274	390872.507	33.070	30.800	2.270	1,350 dia. Type B Manhole	1350 DIA.	600 x 600	ST	D400	30.800	375	SWMH33	375	30.800	21.757	1:39	STUB FOR FUTURE INCOMING CONNECTION FROM PLOT 5. HYDROBRAKE FLOW CONTROL OR EQUIVALENT APPROVED. REFER TO 0054419-BHE-XX-XX-DR-C-3000 FOR DETAILS.
SWMH35	344070.547	390871.502	32.120	30.247	1.873	1,350 dia. Type B Manhole	1350 DIA.	600 x 600	ST	D400	30.247	375	SWMH34	AS EXISTING	30.247	35.455	AS EXISTING	OUTFALL.

RE = RECESSED
ST = SOLID TOP

MANHOLE SCHEDULE - Enabling Works Proposed Foul Water Drainage																			
MANHOLE REF.	EASTING [m]	NORTHING [m]	COVER LEVEL [m]	INVERT LEVEL [m]	DEPTH TO INVERT [m]	MANHOLE TYPE	INNER DIAMETER [mm]	INNER DIMENSIONS [mm]	CLEAR OPENING DIMENSIONS [mm]	COVER TYPE	COVER GRADE	INCOMING PIPE INVERT LEVEL [m]	INCOMING PIPE DIAMETER [mm]	UPSTREAM CONNECTION	OUTGOING PIPE INNER DIAMETER [mm]	OUTGOING PIPE INVERT LEVEL [m]	OUTGOING PIPE LENGTH [m]	OUTGOING PIPE SLOPE	COMMENTS
FWMH2A1	344240.871	390889.429	36.926	34.523	2.403	1,200 dia. Type B Manhole	1200 DIA.		600 x 600	RE	B125				150	34.523	3.557	1:38	STUB FOR FUTURE INCOMING CONNECTION FROM PLOT 2A.
FWMH2A2	344243.242	390853.010	36.936	34.917	2.019	1,200 dia. Type B Manhole	1200 DIA.		600 x 600	RE	B125				150	34.917	5.518	1:40	STUB FOR FUTURE INCOMING CONNECTION FROM PLOT 2A.
FWMH2B	344247.194	390813.548	36.802	35.115	1.687	1,200 x 900 Type C Manhole		1200 x 900	1220 x 685	RE	B125				225	35.115	12.400	1:80	STUB FOR FUTURE INCOMING CONNECTION FROM PLOT 2B.

RE = RECESSED
ST = SOLID TOP

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DO NOT SCALE THIS DRAWING.

HEALTH AND SAFETY INFORMATION
IN ADDITION TO THE HAZARD 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 ADJACENT TO LIVE ROADS & PEDESTRIAN ROUTES
- WORKS IN PROXIMITY TO EXISTING TREES TO BE RETAINED

MAINTENANCE/CLEANING/OPERATION:

- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO LIVE SERVICES
- WORKS ADJACENT TO LIVE ROADS & PEDESTRIAN ROUTES
- WORKS IN PROXIMITY TO EXISTING TREES TO BE RETAINED

DECOMMISSIONING/DEMOLITION:

- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
- WORKS IN PROXIMITY TO LIVE SERVICES
- WORKS ADJACENT TO LIVE ROADS & PEDESTRIAN ROUTES
- WORKS IN PROXIMITY TO EXISTING TREES TO BE RETAINED

NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- THE FOLLOWING DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THIS DRAWING:
 - PROPOSED PHASE 1 DRAINAGE GENERAL ARRANGEMENT DRAWING NUMBER 0054419-BHE-XX-XX-DR-C-3000
 - DRAINAGE DETAILS DRAWING NUMBER SERIES 0054419-BHE-XX-XX-DR-C-3700 TO 0054419-BHE-XX-XX-DR-C-3709.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE INFRASTRUCTURE DELIVERY PLAN DOCUMENT NUMBER 054419-BHE-XX-XX-RP-C-0011.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ENABLING WORKS INFRASTRUCTURE SPECIFICATION DOCUMENT NUMBER 054419-BHE-XX-X-SP-C-0012.
- WHERE RECESSED 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.

P01	ISSUED FOR APPROVAL	23.12.2025	HE	PA	PA
Rev	Description	Date	Iss'd	Rev'd	App'd

ENABLING WORKS

Project Stage

TENDER

Status of Drawing

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Client
Architect
Project
Orig Title

GENR8 KAJIMA REGENERATION LTD
5PLUS
Huyton Town Centre Regeneration
PROPOSED PHASE 1 DRAINAGE
MANHOLE SCHEDULE

Job No.
0054419

Scale@A1
NTS

Drawn/Designed By
H.Erskine

Checked By
P.Anwyl

Approved By
P.Anwyl

Drawing No.
0054419-BHE-XX-XX-DR-C-3801

Revision
P01

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