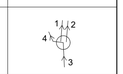
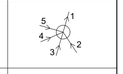
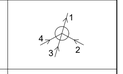
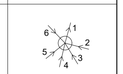
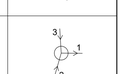
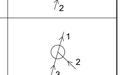
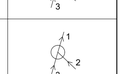
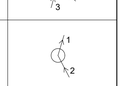
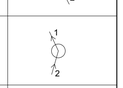
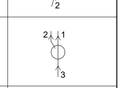
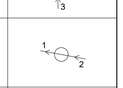
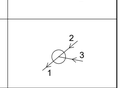
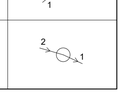
Surface Water Manhole Schedule

MANHOLE REF. NO.	MANHOLE TYPE	SHAPE MIN.	COVER & FRAME	LOCATION (minor adjustments permitted to suit site conditions)	FUTURE COVER LEVEL (AOD)	INVERT LEVEL (AOD)	PIPE SIZE	SKETCH PLAN
SW MH01	Detail 1 (see drawing C-0971)	1200Ø PC rings with catchpit	Class C250 Ductile Iron 600x600	E: 381132.401 N: 390068.549	*+32.50m	1 = +31.25m (out) 2 = +31.30m (in) 3 = +31.30m (in) 4 = +31.73m (in) 5 = +31.35m (in) +30.75m (sump)	DN375 DN150 DN150 DN225 DN300	
SW MH01A	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class D400 Ductile Iron Reducing ring	E: 381150.155 N: 390052.320	*+32.82m	1 = +31.43m (out) 2 = +31.43m (in)	DN150 DN150	
SW MH02	Detail 2 (see drawing C-0971) Hydrobrake	1500Ø PC rings with catchpit	Class C250 Ductile Iron 600x600. Vented cover	E: 381132.085 N: 390065.178	*+32.80m	1 = +31.32m (out) 2 = +31.75m (out) 3 = +31.35m (in) 4 = +32.12m (overflow) +31.05m (sump)	DN150 DN225 DN300 DN300	
SW MH03	Detail 5 (see drawing C-0972)	600Ø Circular - Plastic with catchpit	Class C250 Reducing ring	E: 381089.505 N: 390015.947	*+32.90m	1 = +31.70m (out) 2 = +31.70m (in) 3 = +31.70m (in) 4 = +31.70m (in) 5 = +31.70m (in) +31.10m (sump)	DN150 DN100 DN150 DN100 DN100	
SW MH03A	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250	E: 381086.870 N: 390006.880	*+33.00m	1 = +31.76m (out) 2 = +31.76m (in) 3 = +31.76m (in) 4 = +31.76m (in)	DN150 DN100 DN150 DN100	
SW MH03B	Detail 1 (see drawing C-0972)	300Ø Circular - Plastic	Class C250	E: 381081.335 N: 389987.810	*+32.70m	1 = +31.90m (out) 2 = +31.90m (in) 3 = +31.90m (in)	DN150 DN150 DN100	
SW MH03C	Detail 1 (see drawing C-0972)	300Ø Circular - Plastic	Class C250	E: 381076.906 N: 389972.553	*+32.70m	1 = +32.00m (out) 2 = +32.00m (in) 3 = +32.00m (in)	DN150 DN150 DN100	
SW MH03D	Detail 5 (see drawing C-0972)	600Ø Circular - Plastic with catchpit	Class C250 Reducing ring	E: 381072.021 N: 389955.725	*+32.75m	1 = +32.12m (out) 2 = +32.12m (in) 3 = +32.12m (in) 4 = +32.12m (in) 5 = +32.12m (in) 6 = +32.12m (in) +31.52m (sump)	DN150 DN100 DN100 DN100 DN100 DN100	
SW MH04	Detail 5 (see drawing C-0972)	600Ø Circular - Plastic with catchpit	Class D400 Ductile Iron Reducing ring	E: 381065.605 N: 390026.950	*+32.60m	1 = +31.77m (out) 2 = +31.77m (in) 3 = +31.77m (in) +31.17m (sump)	DN150 DN150 DN100	
SW MH04A	Detail 1 (see drawing C-0972)	450Ø Circular - Plastic	Class C250	E: 381056.033 N: 389993.994	*+32.60m	1 = +32.00m (out) 2 = +32.00m (in) 3 = +32.00m (in)	DN150 DN100 DN150	
SW MH04B	Detail 1 (see drawing C-0972)	450Ø Circular - Plastic	Class C250	E: 381050.200 N: 389973.901	*+32.60m	1 = +32.15m (out) 2 = +32.15m (in) 3 = +32.15m (in)	DN150 DN100 DN100	
SW MH04C	Detail 1 (see drawing C-0972)	450Ø Circular - Plastic	Class C250	E: 381046.933 N: 389962.646	*+32.60m	1 = +32.23m (out) 2 = +32.23m (in)	DN100 DN100	
SW MH05	Detail 5 (see drawing C-0972)	600Ø Circular - Plastic with catchpit	Class B125 Reducing ring	E: 381090.496 N: 390004.548	*+33.35m	1 = +31.80m (out) 2 = +31.80m (in)	DN100 DN100	
SW MH06	Detail 4 (see drawing C-0971) Hydrobrake	1200Ø PC rings with catchpit	Class C250 Ductile Iron 600x600 Vented cover	E: 381161.187 N: 390136.121	*+31.57m	1 = +30.52m (out) 2 = +31.07m (overflow) 3 = +30.55m (in) +30.25 (sump)	DN150 DN150 DN150	
SW MHP1	Detail 2 similar (see drawing C-0971) Hydrobrake	1200Ø PC rings with catchpit	Class C250 Ductile Iron 600x600	E: 380965.530 N: 389791.996 Approximate position - to be coordinated with AGP pitch designer.	*+32.60m	1 = +31.10m (out) 2 = +31.12m (in) +30.90m (sump)	DN150 DN150	
SW MHP2	Detail 4 similar (see drawing C-0971)	1500Ø PC rings with catchpit	Class C250 Ductile Iron 600x600	E: 380928.614 N: 389798.681 Approximate position - to be coordinated with positions of existing SW sewer.	*+32.60m	1 = +30.77m ex (out) 2 = +30.77m ex (in) 3 = +30.77m (in)	DN525 DN525 DN150	
SW MHP3	Detail 5 (see drawing C-0972)	600Ø Circular - Plastic with catchpit	Class C250	E: 380977.329 N: 389872.001 Approximate position - to be coordinated with MUGA pitch designer.	*+32.00m	1 = +TBC (out) 2 = +TBC (in)	DN100 DN80	

* All cover levels are approximate - refer to Architect/Landscape drawings.

Foul Water Manhole Schedule

MANHOLE REF. NO.	MANHOLE TYPE	SHAPE MIN.	COVER & FRAME	LOCATION (minor adjustments permitted to suit site conditions)	FUTURE COVER LEVEL (AOD)	INVERT LEVEL (AOD)	PIPE SIZE	SKETCH PLAN
FW MH01	Detail 2 (see drawing C-0972)	600Ø Circular - Plastic	Class C250 Reducing ring	E: 381073.641 N: 389958.564	*+32.75m	1 = +30.85m (out) 2 = +30.85m (in) 3 = +30.85m (in)	DN150 DN100 DN150	
FW MH01A	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381076.221 N: 389967.451	*+32.75m	1 = +30.96m (out) 2 = +30.96m (in) 3 = +30.96m (in) 4 = +30.96m (in)	DN150 DN100 DN100 DN150	
FW MH01B	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381082.711 N: 389989.808	*+33.00m	1 = +31.26m (out) 2 = +31.26m (in) 3 = +31.26m (in)	DN150 DN100 DN150	
FW MH01C	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class B125 Reducing ring	E: 381085.916 N: 390000.848	*+33.00m	1 = +31.40m (out) 2 = +31.40m (in)	DN150 DN100	
FW MH02	Detail 2 (see drawing C-0972)	600Ø Circular - Plastic	Class C250 Reducing ring	E: 381062.604 N: 389948.546	*+32.60m	1 = +30.17m (out) 2 = +30.17m (in) 3 = +30.17m (in) 4 = +30.17m (in)	DN150 DN150 DN100 DN100	
FW MH02A	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381053.361 N: 389951.229	*+32.60m	1 = +30.29m (out) 2 = +30.29m (in) 3 = +30.29m (in) 4 = +30.29m (in)	DN150 DN150 DN100 DN100	
FW MH02B	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381043.348 N: 389954.426	*+32.60m	1 = +30.42m (out) 2 = +30.42m (in)	DN150 DN150	
FW MH02C	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381046.150 N: 389965.078	*+32.60m	1 = +30.56m (out) 2 = +30.56m (in) 3 = +30.56m (in) 4 = +30.56m (in)	DN150 DN150 DN100 DN100	
FW MH02D	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381046.851 N: 389967.492	*+32.60m	1 = +30.59m (out) 2 = +30.59m (in) 3 = +30.59m (in) 4 = +30.59m (in)	DN150 DN150 DN100 DN100	
FW MH02E	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381049.641 N: 389977.102	*+32.60m	1 = +30.72m (out) 2 = +30.72m (in) 3 = +30.72m (in)	DN150 DN150 DN100	
FW MH02F	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381053.391 N: 389990.023	*+32.60m	1 = +30.88m (out) 2 = +30.88m (in) 3 = +30.88m (in)	DN150 DN150 DN100	
FW MH02G	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381055.368 N: 389996.834	*+32.60m	1 = +30.97m (out) 2 = +30.97m (in) 3 = +30.97m (in) 4 = +30.97m (in)	DN150 DN150 DN100 DN100	
FW MH02H	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381057.318 N: 390003.549	*+32.60m	1 = +31.06m (out) 2 = +31.06m (in) 3 = +31.06m (in)	DN150 DN150 DN100	
FW MH02I	Detail 2 (see drawing C-0972)	450Ø Circular - Plastic	Class C250 Reducing ring	E: 381061.779 N: 390018.920	*+32.60m	1 = +31.26m (out) 2 = +31.26m (in) 3 = +31.26m (in)	DN150 DN100 DN100	
FW MHP1	Detail 1 (see drawing C-0972)	450Ø Circular - Plastic	Class C250	E: 380985.783 N: 389876.980	*+32.20m	1 = +31.20m (out) 2 = +31.20m (in TBC)	DN100 DN100	
FW MHP2	Detail 1 (see drawing C-0972)	450Ø Circular - Plastic	Class C250	E: 380998.301 N: 389872.929	*+32.20m	1 = +31.26m (out) 2 = +31.26m (in TBC)	DN100 DN100	

* All cover levels are approximate - refer to Architect/Landscape drawings.

* All cover levels are approximate - refer to Architects drawings for levels.

All pipework to Soil & Vent Pipes/Stub Stacks to be DN100 with 1:40 minimum gradient.

Refer to Architects drawings for setting out of RWPs, SVPs & SSs.

Prior to construction all existing invert levels and proposed levels to be verified.

⚠ All existing underground utilities to be located prior to works commencing (where in the vicinity of existing services the contractor to use hand digging means only). Refer to Solum Surveying Ltd drawings for some known locations.

Note: All drainage works to be carried out in accordance with the 'Civil Engineering Specification for use in the Water Industry 8th Edition (CESWI8)'.

Quorum CONSULTING ENGINEERS

Office 45, Sony UK Technology Centre,
Pencoed Technology Park, Pencoed, CF35 5HZ

Tel: 01446 774493
Email: info@qapm.com

General Notes

Do not scale from this drawing. Dimensions must be checked on site. All works to comply with current Building Regulations.
All site works must be to the current drawing revision. Drawing is copyright of Quorum Project Management Ltd.
All levels to be verified by contractor on site. Any concerns by the contractor to be raised with the engineer prior to any installation/fabrication works.
The drawing information must be read in conjunction with all relevant scheme drawings, specification and/or schedules referred to or not. The contractor is responsible to insure that all work is in compliance with current Building Regulations and or other relevant legislation Dimensions on this drawing are not to be used for construction purposes.

Rev.	Date	Chk	Description
C01	21/07/2026	PCH	ISSUED FOR STAGE 5 - CONSTRUCTION
T04	25/11/2025	PCH	MINOR REVISIONS TO FOUL WATER MANHOLES
T03	05/11/2025	PCH	FW MH02F REVISED
T02	29/10/2025	PCH	STAGE 4 UPDATES

Drawing: DRAINAGE DETAILS - SHEET 1
MANHOLE SCHEDULE

Project: WYTHENSHAWE PARK SPORTS HUB,
MANCHESTER, M23 0BD

Quorum Project Number	PM2419-25	Drawing Number	241925-QPM-XX-ZZ-DR-C-0970	Rev	C01
Scale	NTS@A1	Drawn	MB	Designed	PCH
Date	MAY 2025	Checked	PCH	Approved	DS
Status & Suitability	STAGE 5				