↑ SHEET 4 ↑

Site boundary line

Existing outfall to be altered or rebuilt to accommodate new DN375 pipe

Existing Outfall
IL 31.23

SW MH01
(Silt trap)
IL +31.25

Existing DN100 pipe to be replaced with new DN375 pipe

See Detail D2 on drawing C-0971

Incoming connections to existing FW manhole to be investigated prior to construction

SW MH02
(Dual Hydrobrake)

Route of proposed HV cables

DN100@1:150

DN375@1:150

DN150@1:150

Access road attenuation

Car park attenuation

Existing manhole to be demolished and relocated to SW MH01A

SW MH01A
IL +31.43

DN80 Perforated, nominal fall

Multiple surveyed existing utilities - refer to Solum Surveying Ltd drawings for details. Cables to be diverted temporarily if necessary.

Proposed Attenuation Tank:
Size = 25m x 30m x 0.4m deep = 300m³
Base of Tank: +31.62
Top of Tank: +32.02
See drawing C-0925 for setting out.

Demolish existing FW manholes and redundant drainage

Pipe re-laid as existing

DN150@1:150

Existing 2200dia combined sewer

DN100@1:40

DN100@1:150

DN150@1:150

SW MH04
(Silt trap)
IL +31.77

FW MH02I
IL +31.26

DN80 Perforated, nominal fall

SW MH03
(Silt trap)
IL +31.70

Existing DN225 FW sewer to be capped or removed

RWP

DN80 Perforated, nominal fall

Existing DN375 SW sewer

DN150@1:80

DN150@1:150

Site boundary line

Ex SW MH3
Hydrobrake
IL +31.74

Gate

5000 excavation zone

5000 excavation zone

SW MH03A
IL +31.76

SW MH05
(Silt trap)
IL +31.80

FW MH02H
IL +31.06

Demolish existing FW manholes and redundant drainage

FW MH01C
IL +31.40

FW MH02G
IL +30.97

SW MH04A
IL +32.00

RWP

DN150@1:150

DN150@1:80

DN80 Perforated, nominal fall

FW MH02F
IL +30.88

FW MH01B
IL +31.26

SW MH03B
IL +31.90

DN150@1:80

DN150@1:150

RWP

Refer to CGP MEP drawings for internal drainage layout/details.

DN150@1:80

DN150@1:150

Route of proposed LV cables

SW MH03C

↓ SHEET 2 ↓

0 10m 20m

Scale 1:200 @ A1

* 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)'.

- Proposed Foul Water Manhole
- Proposed Surface Water Manhole
- RWP — Rain Water Pipe connection point to underground SW drainage. All rain water goods to be designed by Architect/MEP consultant.
- Denotes connection point to foul water underground drainage. All internal plumbing to be designed by MEP consultant.
- DN80 perforated land drain (see Barnes Walker drawings)
- Proposed Surface Water Sewer (DN150@1:150 PVCu Twinwall pipes UNO)
- Proposed Surface Water Branch (DN100@1:80 PVCu pipes UNO)
- Existing Surface Water Sewer
- Proposed Foul/Combined Water Sewer (DN150@1:80 PVCu pipes UNO)
- Proposed Foul/Combined Water Branch (DN100@1:40 PVCu pipes UNO)
- Existing Foul/Combined Water Sewer
- Extent of permeable asphalt/MOT Type 3 Subbase.

↓ SHEET 2 ↓

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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
T06	25/11/2025	PCH	FOUL WATER DRAINAGE UPDATED TO ARCHITECTS COMMENTS
T05	05/11/2025	PCH	BIN STORE GULLYS ADDED
T04	29/10/2025	PCH	STAGE 4 UPDATES

Drawing: DRAINAGE PLAN - SHEET 1

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

Quorum Project Number	PM2419-25
Drawing Number	241925-QPM-XX-00-DR-C-0950
Rev	C01
Scale	1:200@A1
Drawn	MB
Designed	PCH
Date	MAY 2025
Checked	PCH
Approved	DS
Status & Suitability	STAGE 5