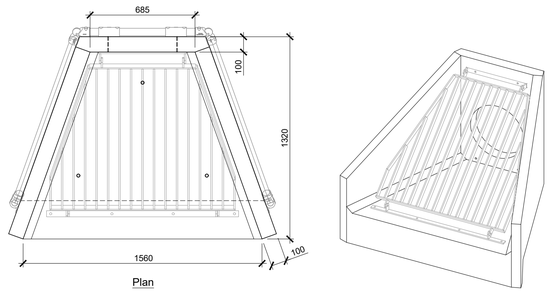
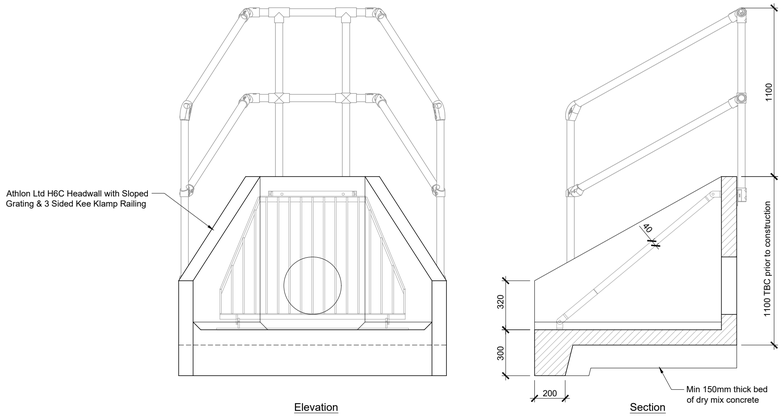


D1. Typical Section Through Attenuation Tank

(Scale 1:25)



Plan

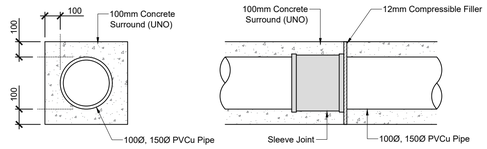


Elevation

Section

D7. Precast Concrete Outfall Detail for DN375 Pipe

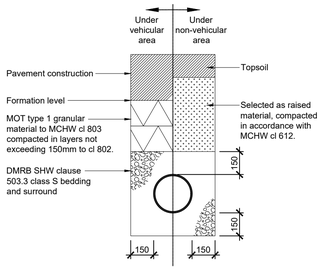
(Scale 1:20)



D3. Typical Sleeve Joint Detail for Concrete Encased Pipes (Type Z bedding)

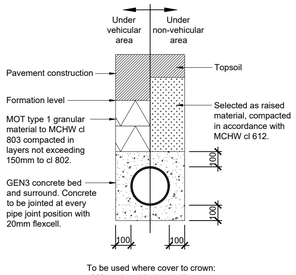
(to be provided at all pipe joints)

(Scale NTS)



D4. Class S Granular Pipe Bed and Surround

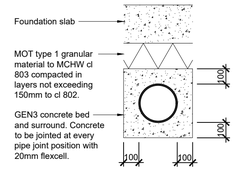
(Scale NTS)



To be used where cover to crown:
< 900mm in vehicular loading areas
< 600mm in landscaped areas

D5. Class Z Concrete Pipe Bed and Surround

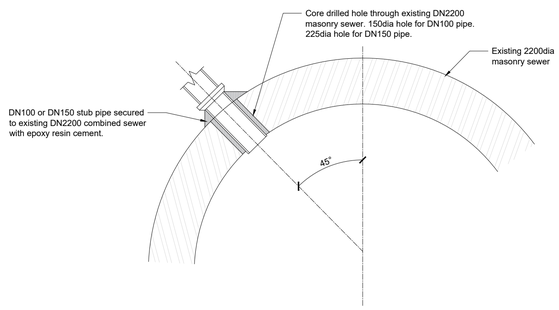
(Scale NTS)



To be used under all building areas

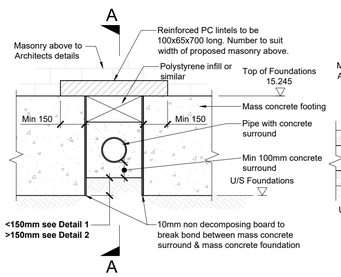
D6. Class Z Concrete Pipe Bed and Surround Under Structure

(Scale NTS)



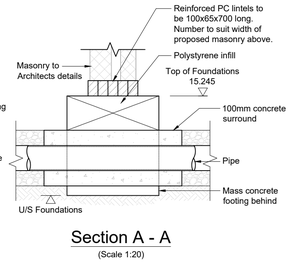
D8. Typical Detail of Lateral Connections to DN2200 Masonry Sewer

(Scale 1:20)



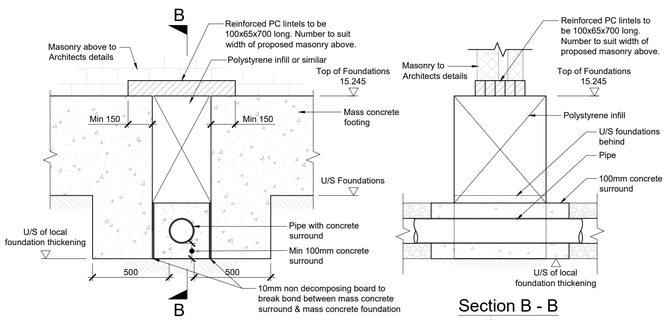
D9. Drainage Through New Foundations - Detail 1 (pipe above U/S of foundation)

(Scale 1:20)



Section A - A

(Scale 1:20)



Section B - B

(Scale 1:20)

D10. Drainage Through New Foundations - Detail 2 (pipe lower than U/S of foundation)

(Scale 1:20)

0 1m 2m

Scale 1:20 @ 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)'.

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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
T01	29/10/2025	PCH	STAGE 4 UPDATES

Drawing: DRAINAGE DETAILS - SHEET 4

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

Quorum Project Number	Drawing Number	Rev
PM2419-25	241925-QPM-XX-ZZ-DR-C-0973	C01

Scale	NOTED@A1	Drawn	MB	Designed	PCH	Status & Suitability
Date	MAY 2025	Checked	PCH	Approved	DS	STAGE 5