

FOUNDATION GENERAL ARRANGEMENT

SCALE: 1 : 100

STRIP FOUNDATIONS			
TYPE MARK	WIDTH	THICKNESS	REINFORCEMENT
SF1	750	300	1 LAYER A393 MESH BTM, 75mm BTM & 50mm SIDE COVER
SF2	900	300	1 LAYER A393 MESH BTM, 75mm BTM & 50mm SIDE COVER
SF3	1200	300	1 LAYER A393 MESH BTM, 75mm BTM & 50mm SIDE COVER

PAD FOUNDATIONS				
TYPE MARK	DIMENSIONS (mm)			REINFORCEMENT
	LENGTH	WIDTH	THICKNESS	
PF1	1900	1900	600	H12's AT 200mm c/c TOP & H16's AT 200mm c/c BTM, min 50mm TOP & SIDES, 75mm BTM COVER
PF2	2500	2500	600	H16's AT 200mm c/c TOP & H20's AT 200mm c/c BTM, min 50mm TOP & SIDES, 75mm BTM COVER
PF3	3400	3400	600	H16's AT 200mm c/c & H20's AT 200mm c/c BTM, MIN. 50mm TOP & SIDES, 75mm BTM COVER

ALL FOUNDATION AND RETAINING WALL SIZES ARE TBC FOLLOWING CONFIRMAITON OF GROUND CONDITIONS FOLLOWING THE RESULTS OF THE SITE INVESTIGATIONS

REQUIREMENT FOR GAS PROTECTION TBC FOLLOWING RESULTS OF SITE INVESTIGATIONS

"HAZARD REGISTER (RELATES TO CIVIL/STRUCTURAL MATTERS ONLY)
MUST BE READ IN CONJUNCTION WITH CURTINS DESIGNERS HAZARD REGISTER 087546-CUR-XX-XX-HA-Z-00001.
HAZARDS THAT SHOULD BE OBVIOUS TO A COMPETENT CONTRACTOR HAVE NOT BEEN INDICATED ON THIS DRAWING. SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED, THE CONTRACTOR SHOULD NOTIFY ALL RELEVANT PROJECT TEAM MEMBERS."

ZZ-XX_HAZARD REGISTER-MASTER

HAZARD REF No.	ITEM (FEATURE, ELEMENT OR ACTIVITY)	POTENTIAL HAZARD IDENTIFIED	ACTION
3.01	Buried land drains	Buried land drains, unknown location as not detected under GPR	Land drains should be removed from site and capped off outside northern fence line
3.02	Existing Services	Buried services may be live and encountred during excvation works	Client is to instruct a GPR survey that locates all existing services so the contractor is aware of locaitons and can check disconnecitons etc
4.01	Existing boundary wall	The existing boundary wall acts a retaining structure to the public highway and any excavation and demolition processes should take cognisence of this	Contractor to provide method statement for safe demolition and excavations in this area
5.01	Deep excavation within highway for foul water connection	Potential Collapse of deep excavation	Contractor should provide method statement of construction connection to United Utilities.
5.02	Missing Site and Ground Investigation	Ground conditions are unknown, Stage 4 design based on SI results from similar / nearby sites. The geotechnical data, bearing stata, water table and bearing preassure, gas proofing requirements and contamination levels are all unknown. This imparts a major risk on every party involved as Stage 4 designs are subject to eventual SI report outcomes. Such changes may include: Adding trench fill to reach bearing strata, bearing pressure is lower than expected needing substructure re-design (may lead to using piled foundations instead), water table outcomes may require additional waterproofing requirements and further substructure re-design, changing gas protection strategy (venting, slab re-design,use of gasproofing membrane, etc.), unexpected contamination and/or buried structures may incur signficant extra costs and remediation, ground conditions may influence flooding / drainage strategy. The entire project is affected by the lack of SI, thus costs / delays associated with these changes will be significant and are considered design hazards. Stage 4 designs should thus be acknowledged as subject to change by the Client.	Full Site and Ground Investigation to be completed as soon as possible, to inform designers with potential changes / confirm current designs.
5.03	Steps in foundation level	The step in top of foundation level is due to presumed ground conditions and topography. This will involve deep excavations, which have following hazards: fall from height, slope instabiltiy and collapse, etc.	Contractor should provide method statement of construction and follow all relevant Health and Safety Pre-cauations
7.01	Frame stability during erection	Collapse of the structure	Calculations and drawings to be provided by temporary works designer to prove safe temporary stability of the steel elements.
7.02	Long, heavy steel members	Long, heavy steel beams could cause damage to people and/or structures on site OR on transit.	Method statement to be provided to ensure safe transportation and installation can be achieved.

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. FOR GENERAL NOTES REFER TO DRAWING.

KEY:

- DENOTES 200mm THK REINFORCED CONCRETE RETAINING WALL WITH 450mm THK BASE.
- DENOTES 225mm THK BLOCKWORK SLEEPER WALL.

Rev:	Description:	Date:	By:	Chkd:
P02	STAGE 4 ISSUE	26.08.25	CHG	RD
P01	STAGE 3 ISSUE	19.05.25	RP	DS

Curtins
Merchant Exchange, 17-19 Whitworth Street West, Manchester, M1 5WG
0161 236 2394
manchester@curtins.com
www.curtins.com
Civils & Structures • Transport Planning • Environmental • Infrastructure • Geotechnical • Conservation & Heritage • Principal Designer
Birmingham • Bristol • Cambridge • Cardiff • Douglas • Dublin • Edinburgh • Glasgow • Kendal • Leeds • Liverpool • London • Manchester • Nottingham

Status: STAGE 4

Project: HAWTHORN MEDICAL CENTRE

Drg Title: FOUNDATION GENERAL ARRANGEMENT

Drawn By	Designed By	Checked By
LW	MM	DS
	Date: APR '25	Scales @ A1: As indicated

Project No - Originator - Function - Spatial - Form - Discipline - Number: HMCNMC - CUR - V1 - B1 - DR - S - 16001

Revision: P02

HMCNMC-CUR-V1-ZZ-M3-S-00001