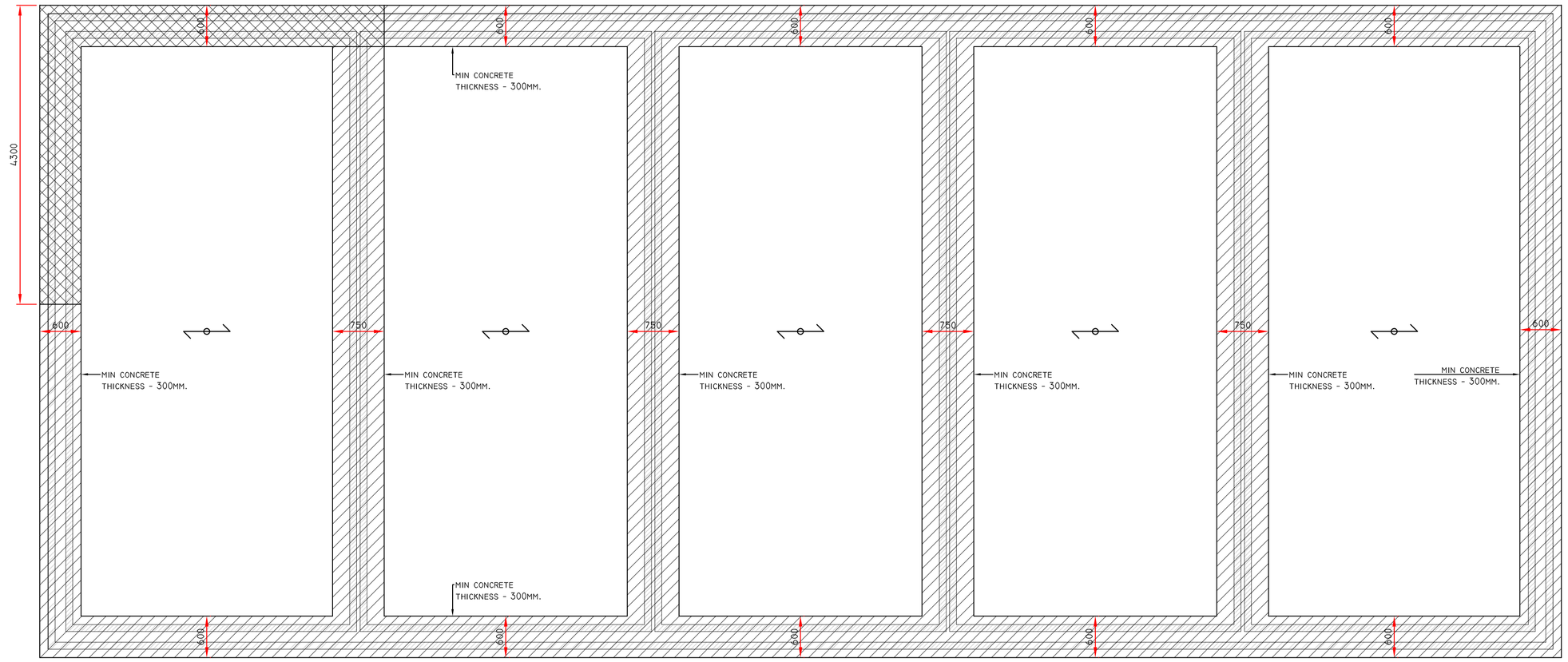


BLOCK 8
FOUNDATION ARRANGEMENT
1:50 @A1
1:100 @A3

DENOTES A TRENCH FOUNDATION AT A MINIMUM DEPTH OF 1.3m BELOW EXISTING GROUND LEVEL

DENOTES A TRENCH FOUNDATION AT A MINIMUM DEPTH OF 1.0m BELOW EXISTING GROUND LEVEL

CONCRETE TO BE DSI-AC-1S.

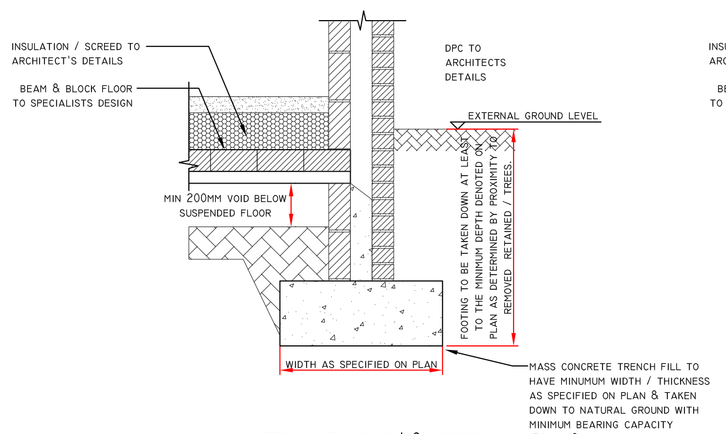
CLAY PLASTICITY TAKEN FROM LKC REF.: LKC 21 1679-03

TREE SPECIES TAKEN FROM REF: PD/6765TSR/SEP22

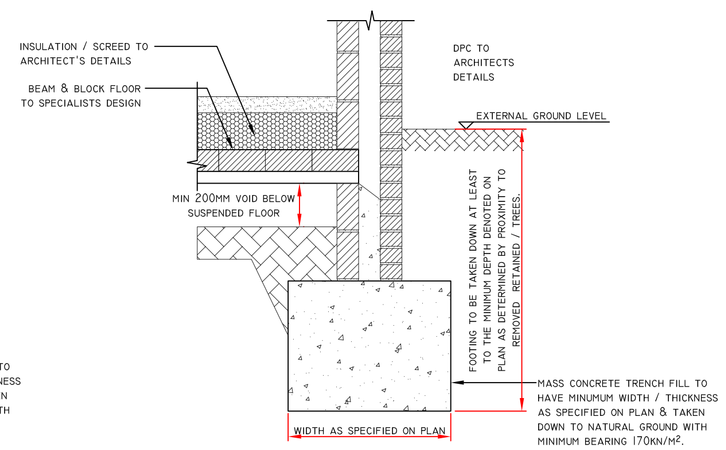
ALL FOUNDATIONS TO BE TRENCH FOOTINGS AND FOUNDED AT A MINIMUM DEPTH OF 1.45M BELOW GROUND LEVEL AND TAKEN TO NATURAL GROUND AND STEPPED TO THE LEVELS INDICATED

FOUNDATIONS ARE BASED ON AN ALLOWABLE BEARING CAPACITY OF 170kN/m² GIVEN BY THE GEOTECHNICAL ASSESSMENT (LKC REF.: LKC 21 1679-03)

DENOTES SPAN OF BEAM AND BLOCK TO SPECIALISTS DESIGN AND DETAIL. TO BE DESIGNED FOR AN IMPOSED LOAD OF 1.5kN/m², FINISHES OF 2kN/m² AND PARTITIONS OF 0.5kN/m². ALL FLOOR PENETRATIONS TO ARCHITECTS DETAILS.



EXTERNAL FOOTING 1.0M DEPTH
1:20 @A1
1:40 @A3



EXTERNAL FOOTING 1.3M DEPTH
1:20 @A1
1:40 @A3

GENERAL NOTES

NOTES:

1. THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF BELL MUNRO CONSULTING LTD. THE DRAWING MUST NOT BE REPRODUCED IN PART OR IN WHOLE WITHOUT PRIOR WRITTEN AUTHORITY.
2. THIS DRAWING MUST NOT BE SCALED BY EITHER CONTRACTORS OR OTHER CONSULTANTS ANY DIMENSIONAL OR SETTING - OUT DISCREPANCIES ARE TO BE REPORTED TO BELL MUNRO CONSULTING PRIOR TO CONSTRUCTION / FABRICATION COMMENCING.
3. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE RELEVANT BMC SPECIFICATIONS TOGETHER WITH THE APPROPRIATE ARCHITECTS AND SERVICES CONSULTANTS DRAWINGS AND SPECIFICATIONS.
4. ALL MORTAR ABOVE D.P.C. LEVEL TO BE CLASS (M4) MORTAR - 1 : 1 : 6 CEMENT :LIME : SAND U.N.O.
5. ALL MORTAR BELOW D. P. C. LEVEL TO BE CLASS (M12) MORTAR - 1 : 0.25 : 3 CEMENT :LIME : SAND U.N.O.
6. FACING BRICK TO BE SPECIFIED BY THE ARCHITECT BUT IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 15.0 N/mm².
7. STAINLESS STEEL WALL TIES ARE TO BE PROVIDED AT 750 HORIZONTAL AND 450 VERTICAL CENTRES IN A STAGGERED PATTERN.TIES TO BE PROVIDED AT 225 VERTICAL CENTRES ADJACENT OPENINGS.
8. FOR SETTING OUT OF ALL WALLS SEE THE ARCHITECT'S INFORMATION.
9. MASS CONCRETE TO BE GRADE c20/25 WITH A MINIMUM CEMENT CONTENT OF 240kg/m³ AND A MAXIMUM WATER / CEMENT RATIO OF 0.65
10. PROPPING SYSTEM TO BE TO CONTRACTOR'S DESIGN & DETAILS & TO BE REVIEWED BY BMC PRIOR TO COMMENCING WORKS
11. FIRE PROTECTION TO ALL NEW STRUCTURE TO BE TO ARCHITECT'S DETAILS
12. ALL TEMPORARY WORKS DRAWING, CALCULATIONS AND METHOD STATEMENTS TO BE SUBMITTED TO BELL MUNRO CONSULTING FOR REVIEW PRIOR TO WORKS COMMENCING
13. ALL VENTILATION AND SUB-FLOOR DETAILS ARE TO ARCHITECTS DETAILS. ALL DETAILS AND PROTECTION MEASURES TO BE AGREED WITH LOCAL AUTHORITY PRIOR TO COMMENCING CONSTRUCTION.

CONSTRUCTION ISSUE

REV.	COMMENTS	DATE	BY
B	CONSTRUCTION ISSUE	04.06.24	WR
A	CONSTRUCTION ISSUE	14.05.24	SC
--	INITIAL ISSUE	09.10.23	SC

BMC

BELL MUNRO CONSULTING LTD

CONSULTING CIVIL & STRUCTURAL ENGINEERS
TURING HOUSE
5 ARCHWAY
MANCHESTER
M15 5RL
TEL: 0161 2098032
FAX: 0161 2098033
EMAIL: CONSULTING@BELLMUNRO.CO.UK
WWW.BELLMUNRO.CO.UK

CLIENT: BRITANNIA GROUP

PROJECT: VICTORIA PARK PROBATION CENTRE

TITLE: BLOCK 8 FOUNDATION ARRANGEMENT

DRAWN BY:	CHECKED BY:	SCALE:	DATE:
SC	WR	1:50	10/23

DRAWING NUMBER: J7986/S800

REVISION: B