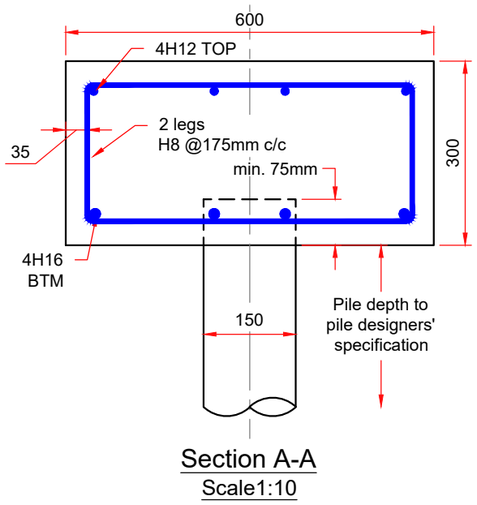
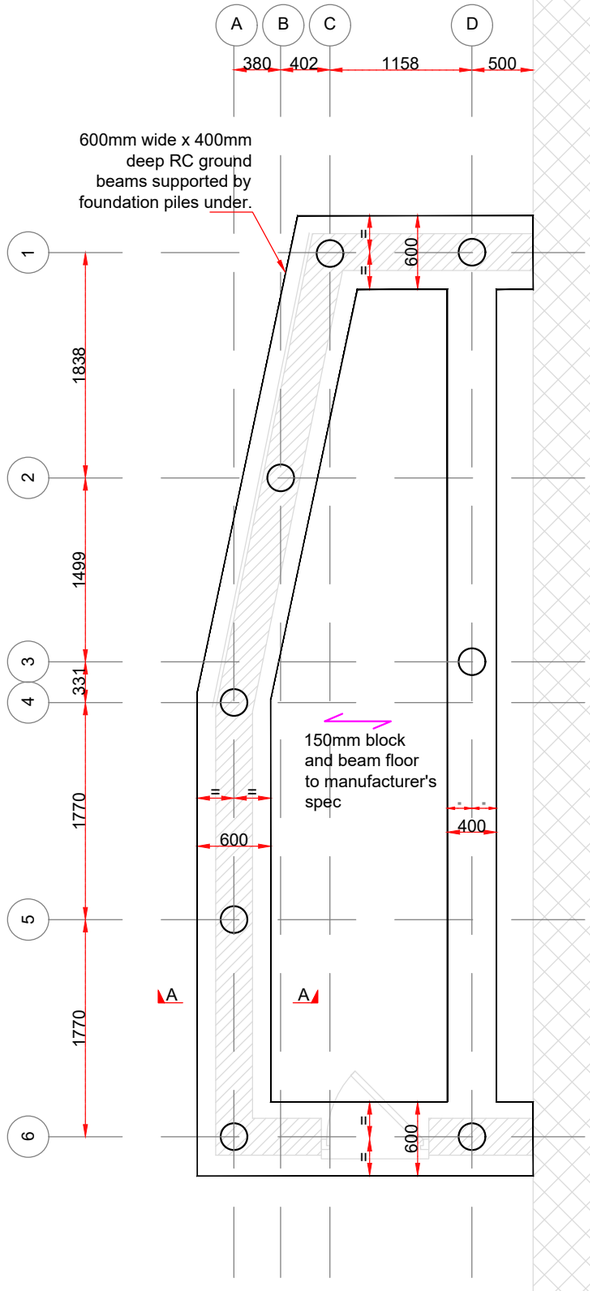


Section A-A
Scale1:10

NOTE:
REINFORCEMENT
ARRANGEMENT FLIPS
OVER SUPPORTS



Foundation Plan
1:50

All dimensions must be checked on-site prior to fabrication/order of any elements. If maximum span lengths differ to those noted, contact GM Structures Immediately.

PILE NOTES

1. PILES TO BE DESIGNED, SUPPLIED AND INSTALLED BY PILING SUB-CONTRACTOR
2. PILES SHALL HAVE A MINIMUM SAFE COMPRESSIVE WORKING LOAD OF 10 TONNES
3. NOTWITHSTANDING THEIR NOMINAL CAPACITY, THE PILES WITHIN ANY GIVEN BLOCK SHALL ALL HAVE TOE DEPTHS THAT VARY BY NO MORE THAN 2M.
4. PILES SHALL BE DESIGNED FOR THE FOLLOWING FACTORS OF SAFETY,
   I) PILES DRIVEN TO A SET - 1.5 WITH LOAD TESTING OR 2.5 WITHOUT LOAD TESTING.
   II) AUGERED PILES - 2.0 WITH LOAD TESTING OR 3.0 WITHOUT LOAD TESTING
5. PILES TO PROJECT A MINIMUM OF 75MM INTO THE GROUND BEAM

DO NOT SCALE OFF DIMENSIONS FROM THIS DRAWING.
ALL DIMENSIONS ARE TO BE CHECKED ON SITE AND ANY DISCREPANCIES TO BE REPORTED TO GM STRUCTURES IN WRITING.
CONTRACTORS, SUB-CONTRACTORS AND SUPPLIERS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR PRODUCING ANY SHOP DRAWINGS.
WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS AND TO COMPLY WITH ALL RELEVANT BRITISH STANDARDS.

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS, IF IN DOUBT ASK.
2. DIMENSIONS ARE APPROXIMATE (SHOWN IN MILLIMETRES) AND TAKEN FROM SITE PHOTOS AND/OR ARCHITECTURAL DRAWINGS FOR STRUCTURAL DESIGN PURPOSES ONLY AND MUST BE CONFIRMED ON SITE BY CONTRACTOR BEFORE CONSTRUCTION BEGINS, OR ANY TIMBER OR STEEL MEMBERS ARE ORDERED OR FABRICATED.
3. THIS DRAWING SHOULD NOT BE USED FOR ARCHITECTURAL DETAILS SUCH AS FINISHES OR INSULATION DETAILS, ETC.
4. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ANY RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
5. ALL TIMBER TO BE C16 U.N.O.
6. ALL STEEL TO BE S275 U.N.O.
7. BOLTS TO BE STEEL GRADE 8.8.
8. ALL WELDS TO BE MIN 6mm FILLET WELD U.N.O.
9. ALL MASS CONCRETE TO BE C30 U.N.O.
10. FOUNDATION DESIGN BASED ON EXISTING FOUNDING SOILS TO BE CAPABLE OF A BEARING CAPACITY OF 125 kN/m² NETT INCREASE.
11. ALL PROPRIETARY PRODUCTS AND SYSTEMS SHALL BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURERS/SUPPLIERS INSTRUCTIONS U.N.O.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, FABRICATION, ERECTION AND REMOVAL OF ALL TEMPORARY WORKS AND SHALL PROVIDE ALL TEMPORARY BRACING AND BACK PROPPING NECESSARY TO MAINTAIN STRUCTURAL STABILITY DURING CONSTRUCTION.

SUPPLEMENTARY NOTES

- ALL JOINTS BETWEEN INTERNAL WALLS AND EXTERNAL CAVITY WALLS TO BE FULLY BONDED
- STEEL BEAMS IN LINE WITH WALLS TO BEAR MINIMUM 200mm EACH SIDE AT OPENINGS U.N.O
- STEEL BEAMS PERPENDICULAR TO WALLS TO BEAR MINIMUM 100mm EACH SIDE AT OPENINGS U.N.O
- PADSTONES AT STEEL BEARINGS TO BE 440x100x215mm U.N.O
- UNSPECIFIED CAVITY WALL LINTELS TO LINTEL MANUFACTURER'S SPECIFICATION
- LINTEL BEARINGS TO MANUFACTURERS SPECIFICATION
- MINIMUM STRENGTH FOR INTERNAL LEAF BLOCKWORK TO BE 7.3 N/mm^2
- MINIMUM DENSITY FOR INTERNAL LEAF BLOCKWORK TO BE 14.0 kN/m^3
- MINIMUM STRENGTH FOR BRICKWORK TO BE 20.0 N/mm^2
- MINIMUM DENSITY FOR EXTERNAL LEAF BRICKWORK TO BE 22.0 kN/m^3
- NOMINAL 600mm WIDE STRIP FOOTING REQUIRED BENEATH EXTERNAL AND PARTY WALLS UNLESS SPECIFIED OTHERWISE
- NOMINAL 450mm WIDE STRIP FOOTING REQUIRED BENEATH INTERNAL LOAD-BEARING WALLS UNLESS SPECIFIED OTHERWISE
- WHERE FLOOR JOISTS RUN PARALLEL WITH PERIMETER WALL, MIN. 3NO TO BE STRAPPED TO WALL MASONRY IN ACCORDANCE WITH NHBC C6.4 S10
- ALL CAVITY MASONRY WALLS TO BE TIED WITH STANDARD CAVITY TIES TO MANUFACTURERS' SPEC

Rev	Description	By	Chk	App	Date

GM Structures
199 MONTON ROAD,
MANCHESTER M30 9PN
TEL: 0161-661-6886
Email: Mail@gmstructures.co.uk
Web: www.gmstructures.co.uk

Client:
Grolar Developments

Project:
32 Winchester Road
London
NW3 3NT

Drawing Title:
Foundation plan

Scale at A3	Drawn By	Date	Checked By	Date	Approved By	Date
1:50	FS	16/03/23	GLJ	16/03/23	GLJ	16/03/23

Project No.	Drawing No.	Revision
A4446	C101	

APPROVAL ☐ INFORMATION ☐ TENDER ☐ CONTRACT ☐ CONSTRUCTION ■

Raised Ground Floor Flat