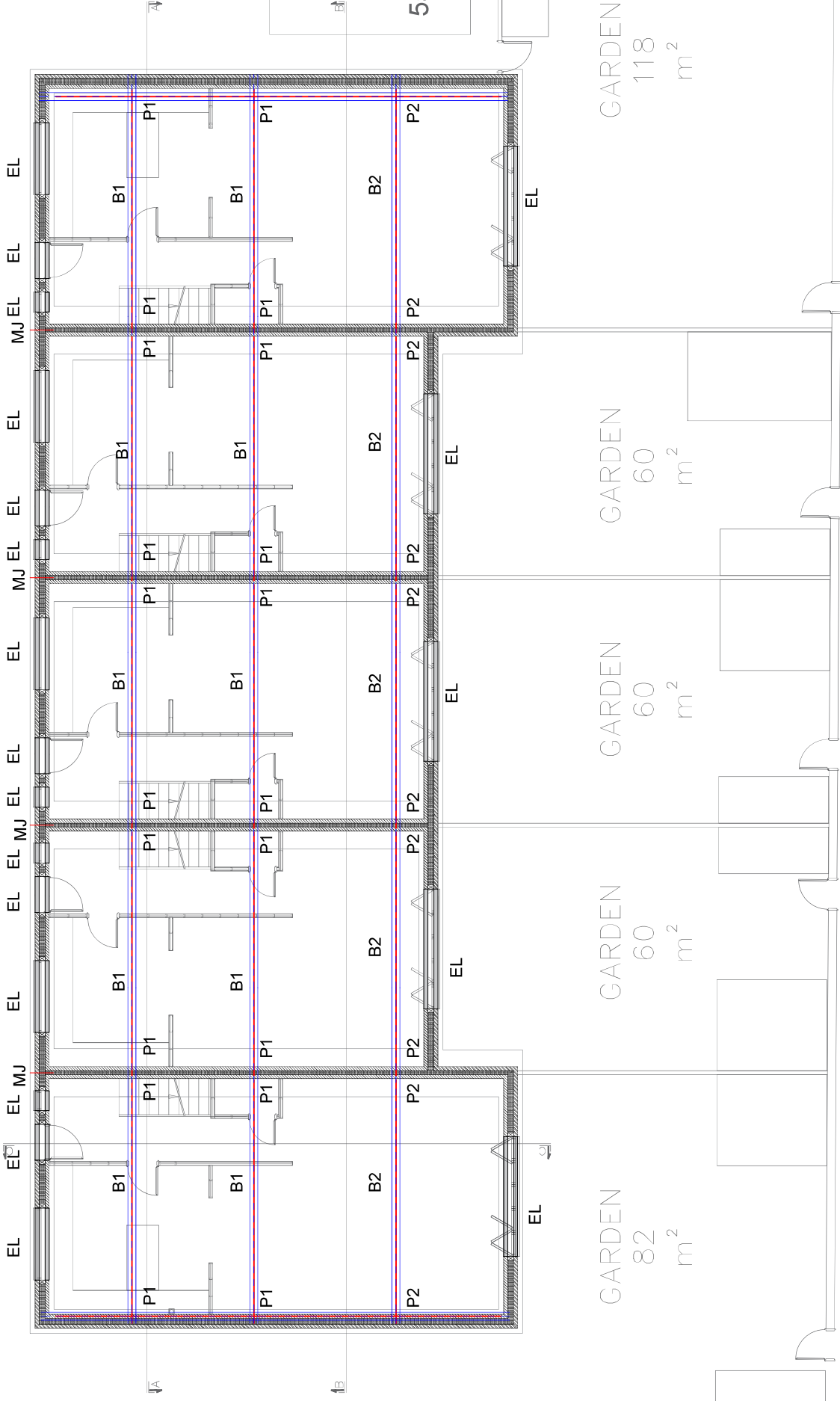


- B1 203x203x46UC
B2 254x254x89UC + 350x68 PLANK ON TOP
P1 100x215x440 20N
P2 100x650x215 20N CONCRETE PADSTONE
EL CASTING ST AND JOINT LINE
MJ MASSWART MOVEMENT JOINT

50x150 C24 @ 400 C/C
50x200 C24 @ 400 C/C



GROUND FLOOR PLAN SCALE 1:50



- GENERAL NOTES:
1. THE DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS AND SPECIFICATION.
2. THE DRAWING IS TO BE USED FOR THE PURPOSES OF THE PROJECT ONLY. NO GUARANTEE SHALL BE BROUGHT TO THE ENGINEER'S 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.

2-28 Campbell Road, Gravesend, DA11 0JY

Drawn by
MI
Checked by
SK

ISSUED FOR CONSTRUCTION
20/01/24

PROJECT
2-28 Campbell Road
CLIENT
HMI
DRAWING REF:
GA 02

GROUND FLOOR PLAN

Project Ref:
GA 02
Date
JAN 2025

S and SK consulting
53 Milner Road
Gillingham Kent ME7 1RB

- MASSWART - GENERAL**
1. ALL MASSWART JOINTS SHALL BE TO BE A MINIMUM COMPRESSIVE STRENGTH OF 20N/mm² AND MAXIMUM WATER ABSORPTION OF 7%.
2. ALL BLOCKWORK BELOW DPC LEVEL IS TO BE DENSE SOLID BLOCK WITH NO JOINTS AND A MINIMUM COMPRESSIVE STRENGTH OF 10N/mm² AND A MAXIMUM WATER ABSORPTION RATE OF 7%.
3. ALL MORTAR BELOW DPC LEVEL IS TO BE 1:3 CEMENT : SAND GRADE 2, NO JOINTS SHALL BE PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER.
4. ALL BLOCKWORK ABOVE DPC LEVEL IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 10N/mm² AND A MAXIMUM WATER ABSORPTION RATE OF 10%.
5. ALL BLOCKWORK ABOVE DPC LEVEL IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 10N/mm².
6. ALL JOINTS IN MASSWART SHALL BE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 10N/mm² AND A MAXIMUM WATER ABSORPTION RATE OF 10%.
7. ALL MORTAR ABOVE DPC LEVEL FOR BLOCKWORK IS TO BE 1:3 CEMENT : SAND GRADE 2, NO JOINTS SHALL BE PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER.
8. ALL WALL TIES TO BE STAINLESS STEEL AND SHALL BE IN ACCORDANCE WITH BS 2449 OR MEET WITH THE REQUIREMENTS OF CP4 PART 2.
9. WALL TIES TO BE AT 450mm VERTICAL AND 900mm HORIZONTAL CENTRES.
10. ALL JOINTS IN MASSWART SHALL BE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 10N/mm² AND A MAXIMUM WATER ABSORPTION RATE OF 10%.
11. INDIVIDUAL BLOCK WEIGHT SHALL EXCEED 20kg.

- TIMBER**
1. ALL TIMBER SHALL BE MINIMUM GRADE C24 UNDO
2. ALL TIMBERS SHALL HAVE A MOISTURE CONTENT LESS THAN 18% UNDO
3. TIMBER TO BE CLEARLY MARKED WITH GRADE.
4. ALL TIMBER SHALL COMPLY WITH BS 5268.
5. PRESERVATIVES TO BE AN ORGANIC SOLVENT WITH COLOURING AGENT APPLIED AFTER MACHINING BUT PRIOR TO ASSEMBLY. APPLICATION IS TO BE BY DOUBLE VACUUM TREATMENT BY APPROVED SPECIALIST.
6. CONNECTION PLATES TO BE MINIMUM 18 GAUGE GALVANISED TO BS 2718.
7. ALL MECHANICAL FIXINGS, NAILS, SCREWS ETC. TO BE GALVANISED OR STAINLESS STEEL.
8. ALL TIMBER TO BE ADEQUATELY PROTECTED ON SITE AGAINST DAMAGE AND WEATHER.
9. CERTIFICATES OF TIMBER GRADINGS AND PRESERVATIVES TO BE SUBMITTED TO THE ENGINEER.
10. ALL LONGITUDINAL BRACE DIAGONAL BRATER BRACE & WIND BRACE TO BE DESIGNED AND ERECTED BY THE TIMBER TRUSS MANUFACTURER.
11. THE CONTRACTOR SHALL ENSURE STABILITY OF WALLS UNTIL FIXING OF ROOF TIMBERS HAS BEEN COMPLETED.

- STEELWORK**
All steelwork to be designed in accordance with BS 5950 part 1, 2000 unless stated otherwise. All steel shall be to BS 5950. GRADES: S275 unless stated otherwise.
The subgrade shall be in accordance with table 1.5 and of BS 5950 (part 1) unless noted otherwise for external and/or internal use. To suit the plate thickness provided.
All fabric shall be grade S275.
All steelwork to be fabricated plates or columns to be fully penetration. All strength butt weld unless specified otherwise.
All other weld shall be a minimum of 6mm fillet, except where specified otherwise.
All welds are to be full profiles and continuous.
All End plates / Capping plates to be F.S.E.W to BS 5950 with plates edge preparation.
All End plates / Capping plates to be protected to stage of section.
All End plates to be a laminar free material.
F.S.E.W denotes full penetration. All strength butt weld.
At beam to column connections, the centre line of the column shall coincide with the centre line of the beam unless noted otherwise.
The steelwork Contractor shall be responsible for surveying the existing ground level and shall ensure that the ground is in accordance with the setting out of the steelwork, which shall be signed and the ground prior to fabrication stage commencing.
Paint protection to be in accordance with the structural steelwork specification G101.