

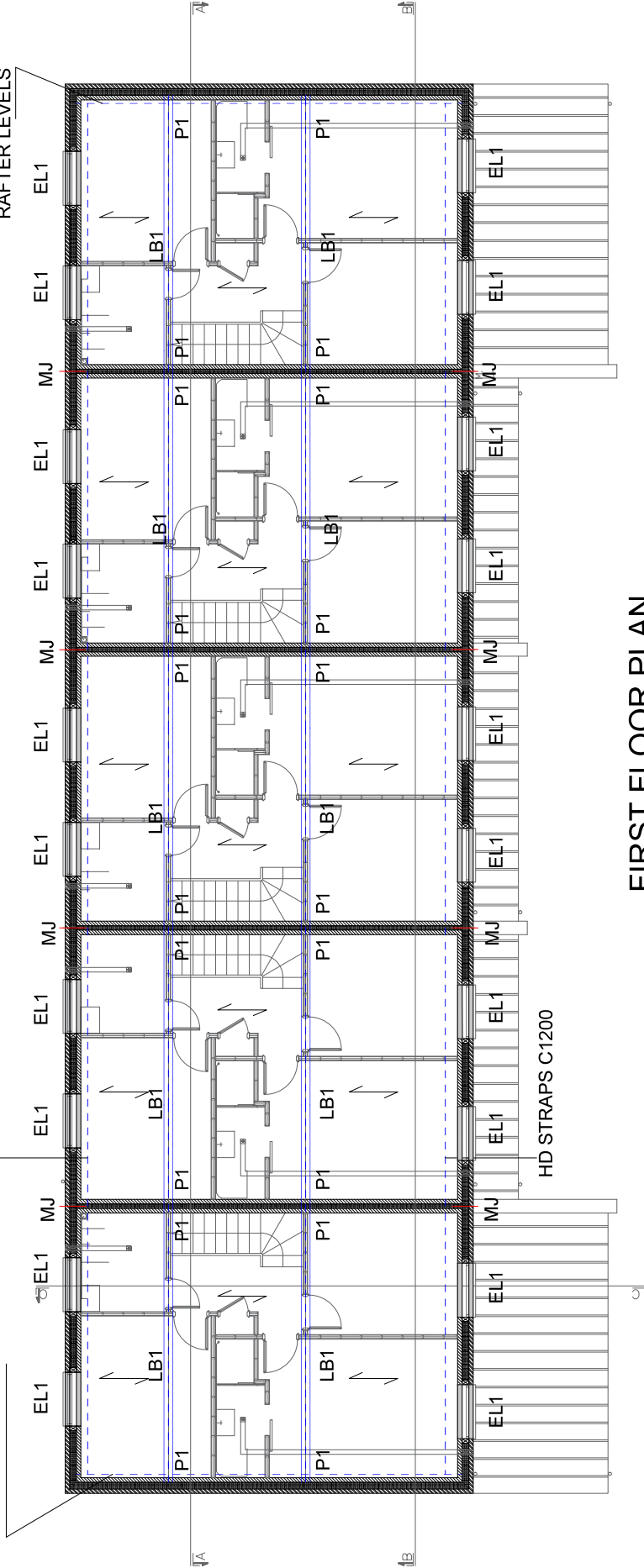
LB1 203x203x46UC,
EL1 CAVITY WALL STANDARD CASTING LINTEL
MJ MASONRY MOVEMENT JOINT

50x200 C24 @ 600 C/C

LATERAL
RESTRAINT
STRAPS@1800C/C
AT CENTER AND
RAFTER LEVELS

HD STRAPS C1200

LATERAL
RESTRAINT
STRAPS@1800C/C
AT CENTER AND
RAFTER LEVELS



FIRST FLOOR PLAN
SCALE 1:50



GENERAL NOTES:
1. THE DRAWING IS TO BE USED IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS AND SPECIFICATIONS.
2. THE DRAWING IS THE PROPERTY OF THE ARCHITECT. NO REPRODUCTION OR TRANSMISSION IS PERMITTED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.
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
20/01/25

PROJECT
2-28 Campbell Road
CLIENT
HMI
DRAWING REF:
GA 03

FIRST FLOOR PLAN

Project Ref:
GA 03
Date:
JAN 2025

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

- MASONRY - GENERAL**
1. ALL BRICKWORK BELOW DPC LEVEL IS TO BE A MINIMUM COMPRESSIVE STRENGTH OF 27N/mm² AND MAXIMUM WATER ABSORPTION OF 7%.
 2. ALL BLOCKWORK BELOW DPC LEVEL IS TO BE DENSE SOLID BLOCK WITH A MAXIMUM WATER ABSORPTION RATE OF 7%.
 3. ALL MORTAR BELOW DPC LEVEL IS TO BE 1:3 CEMENT, SAND GRADE 3, NO AGGREGATES WILL BE PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER.
 4. ALL BRICKWORK ABOVE DPC LEVEL IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 70N/mm² AND A MAXIMUM ABSORPTION RATE OF 12%.
 5. ALL BLOCKWORK ABOVE DPC LEVEL IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 70N/mm².
 6. CAVITY WALL TIES TO HAVE A MINIMUM EMBEDMENT OF 50mm INTO MORTAR JOINT IN EACH LEAF, WITH MINIMUM TIE LENGTH AS PER TABLE 6 (BASED PART 1).
 7. ALL MORTAR ABOVE DPC LEVEL FOR BLOCKWORK IS TO BE 1:3 CEMENT, SAND GRADE 3, NO AGGREGATES WILL 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 6320 OR MEET WITH THE REQUIREMENTS OF PART 2.
 9. WALL TIES TO BE AT 600mm VERTICAL AND 900mm HORIZONTAL CENTRES, AROUND OPENINGS AND VERTICAL UNFURRED OR RETURNED EDGES. TIES SHALL BE PROVIDED AT 225mm VERTICAL CENTRES AND WITHIN 225mm OF THE EDGE.
 10. NO INDIVIDUAL BLOCK WEIGHT SHALL EXCEED 20kg.
 11. LOCATION OF MOVEMENT JOINTS TO ARCHITECT'S DETAIL.
 12. PROPRIETARY LINTELS BY SPECIALIST MANUFACTURER.
 13. ALL TIES FIXED TO STEELWORK TO BE ELECTRICALLY ISOLATED USING BOOTS OR SELF-HEALING SCREWS TO THE MANUFACTURER'S SPECIFICATION.
 14. TIE SPACING IS 450mm CC VERTICALLY AND 900mm CC HORIZONTALLY.
- TIMBER**
1. ALL TIMBER SHALL BE MINIMUM GRADE C24 UNDO
 2. ALL TIMBERS SHALL HAVE A MOISTURE CONTENT LESS THAN 18% UNDO
 3. ALL 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 TO BE APPLIED TO ALL TIMBER SURFACES TO PROTECT AGAINST ROT AND TO BE BY DOUBLE VACUUM TREATMENT BY APPROVED SPECIALIST.
 6. CONNECTION PLATES TO BE MINIMUM 18 GAUGE GALVANISED TO BS 743.
 7. ALL MECHANICAL FRAMING, NAILS, SCREWS ETC TO BE GALVANISED OR
 8. ALL TIMBER TO BE ADEQUATELY PROTECTED ON SITE AGAINST DAMAGE
 9. ALL JOINTS OF TIMBER GRANDES AND PRESERVATIVES TO BE SUBMITTED TO A TEST REPORT.
 10. ALL JOINTS OF TIMBER GRANDES AND PRESERVATIVES TO BE SUBMITTED TO A TEST REPORT.
 11. THE CONTRACTOR SHALL ENSURE STABILITY OF WALLS UNTIL FINING 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 EN 10025, GRADE S355 unless noted otherwise. The subgrade shall be in accordance with table 1.5 and 6 of BS 5950 (part 1) unless noted otherwise for external and/or internal use, to suit the plate thickness provided.
- All bolts shall be grade 8.8.
- All other welds to be fabricated grades or columns to be fully penetration. All strength but weld unless specified otherwise.
- All other weld shall use 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.B.V to HRSJOYS with plate edges prepared.
- All End plates / Capping plates to be provided to shape of section.
- All End plates to be a J-bar steel material.
- F.S.B.V denotes full penetration. All strength but weld.
- All beam to column connections, the centre line of the column shall coincide with the centre line of the beam unless noted otherwise.
- The structural Contractor shall be responsible for ensuring the existing adjacent surrounding structure in order to establish the final position and setting out of the steelwork, which shall be agreed with the engineer prior to fabrication drawings commencing.
- Paint protection to be in accordance with the structural steelwork specification G10.