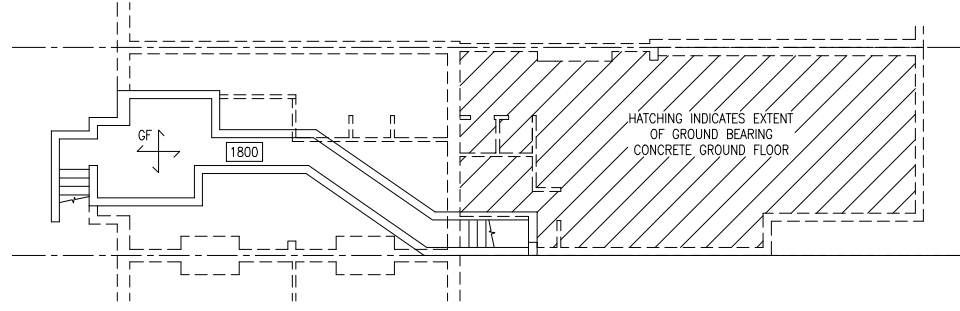


EXISTING GROUND FLOOR PLAN  
SCALE 1:100



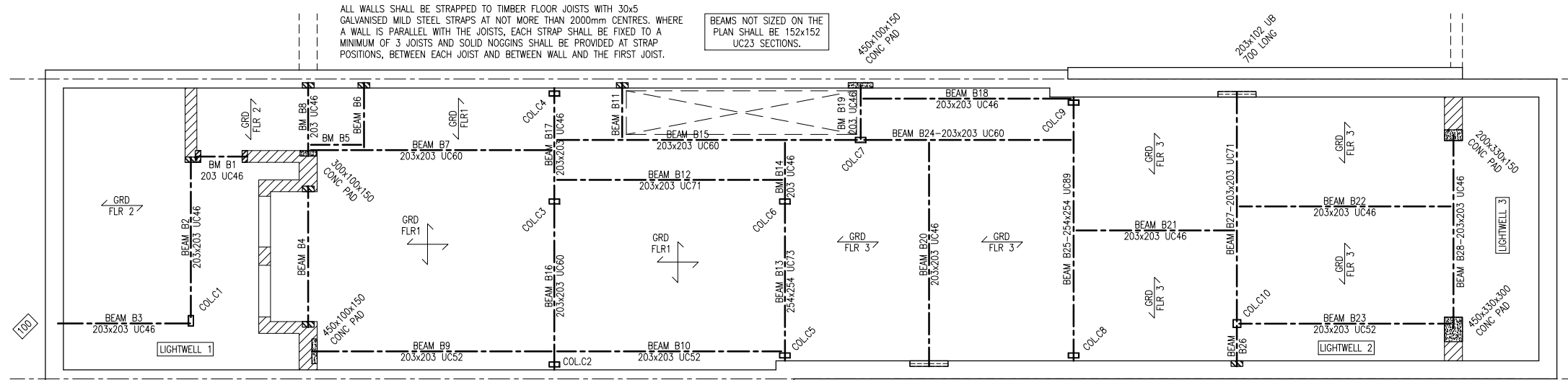
EXISTING BASEMENT FLOOR PLAN  
SCALE 1:100

EXTERNAL AND PARTY WALLS 330mm OR  
215mm MASONRY. INTERNAL WALLS  
100mm MASONRY UNO. WALLS SHADED  
ARE STUDWORK.

HATCHING INDICATES EXTENT  
OF GROUND BEARING  
CONCRETE GROUND FLOOR

ALL WALLS SHALL BE STRAPPED TO TIMBER FLOOR JOISTS WITH 30x5  
GALVANISED MILD STEEL STRAPS AT NOT MORE THAN 2000mm CENTRES. WHERE  
A WALL IS PARALLEL WITH THE JOISTS, EACH STRAP SHALL BE FIXED TO A  
MINIMUM OF 3 JOISTS AND SOLID NOGGINS SHALL BE PROVIDED AT STRAP  
POSITIONS, BETWEEN EACH JOIST AND BETWEEN WALL AND THE FIRST JOIST.

BEAMS NOT SIZED ON THE  
PLAN SHALL BE 152x152  
UC23 SECTIONS.



PROPOSED BASEMENT FLOOR PLAN  
SCALE 1:50

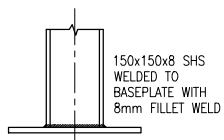
INDICATES EXISTING TIMBER FLOOR  
TO BE RETAINED. NEW BEAMS TO  
REPLACE SLEEPER WALLS AS  
REQUIRED SHALL BE:-  
152x152 UC23 UP TO 4.5m SPAN  
152x152 UC30 UP TO 5.0m SPAN

INDICATES NEW ROOF SLAB.  
200mm THICK IN 35N  
CONCRETE REINFORCED WITH  
H10 AT 200 CRS BOTTOM AND  
H10 AT 300 CRS TOP.  
DISTRIBUTION BARS H10 AT 300 CRS.  
(40mm COVER TOP & 40mm COVER BOTTOM).

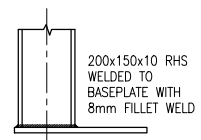
INDICATES EXISTING CONCRETE  
FLOOR TO BE RETAINED. NEW  
BEAMS TO SUPPORT SLAB AS  
REQUIRED SHALL BE:-  
152x152 UC23 UP TO 4.0m SPAN  
152x152 UC30 UP TO 4.5m SPAN  
BEAMS TO BE AT 600mm CENTRES MAX BUT NEVER  
MORE THAN 200mm FROM EXISTING WALLS.

DENOTES SINGLE ENGINEERING  
BRICK AS A PADSTONE.

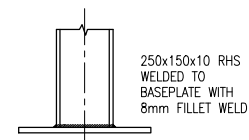
100 DENOTES LENGTH OF BEAM  
BEARING ONTO CONCRETE  
WALL



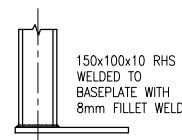
22mm THK BASEPLATE.  
4 No. 16mm DIA HOLES TO  
RECEIVE 16mm DIA H.D. BOLTS  
COLUMNS C1 & C10  
SCALE 1:10



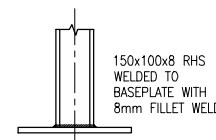
28mm THK BASEPLATE.  
4 No. 18mm DIA HOLES TO  
RECEIVE 16mm DIA H.D. BOLTS  
COLUMNS C2 & C5  
SCALE 1:10



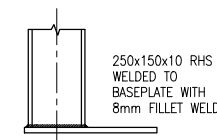
22mm THK BASEPLATE.  
4 No. 16mm DIA HOLES TO  
RECEIVE 16mm DIA H.D. BOLTS  
COLUMN C3 & C6  
SCALE 1:10



20mm THK BASEPLATE.  
4 No. 18mm DIA HOLES TO  
RECEIVE 16mm DIA H.D. BOLTS  
COLUMNS C4 & C8  
SCALE 1:10



14mm THK BASEPLATE.  
4 No. 18mm DIA HOLES TO  
RECEIVE 16mm DIA H.D. BOLTS  
COLUMN C7  
SCALE 1:10



22mm THK BASEPLATE.  
4 No. 18mm DIA HOLES TO  
RECEIVE 16mm DIA H.D. BOLTS  
COLUMN C9  
SCALE 1:10

NOTES

- THIS DRAWING REMAINS THE COPYRIGHT OF MMP DESIGN AND IS NOT TO BE COPIED, ALTERED OR CHANGED WITHOUT PERMISSION.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
- DO NOT SCALE OFF THIS DRAWING.
- ALL TEMPORARY WORKS SHALL BE THE RESPONSIBILITY OF THE MAIN CONTRACTOR BUT SHOULD ADVICE BE GIVEN BY THE ENGINEER, NO RESPONSIBILITY WILL BE ACCEPTED UNLESS THE ADVICE IS CONFIRMED IN WRITING BY THE CONTRACTOR PRIOR TO THE WORKS BEING CARRIED OUT
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE EXISTING STRUCTURE AND EARTHWORKS ON THE SITE AND ADJOINING SITES AND MUST TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD THIS. ADEQUATE SHORING SHALL BE INSTALLED DURING THE WORKS TO ENSURE STABILITY OF THE STRUCTURE AND SUCH SHORING IS TO BE ADEQUATELY FOUNDED.
- ANY DEVIATION FROM THE DETAILS SHOWN MUST BE NOTIFIED TO THE ENGINEER BY THE CONTRACTOR IN WRITING BEFORE BEING CARRIED OUT.
- THE LOCAL AUTHORITY'S BUILDING INSPECTOR AND THE ENGINEER ARE TO BE INFORMED BY THE CONTRACTOR IN WRITING AT LEAST 48 HOURS PRIOR TO THE WORKS STARTING ON SITE AND THEIR AGREEMENT OBTAINED THAT WORK CAN COMMENCE.
- FIRE PROTECTION TO ALL STRUCTURAL MEMBERS SHALL ACHIEVE NOT LESS THAN A 1 HOUR STANDARD.
- ALL NEW STRUCTURAL TIMBER SHALL BE GRADE SC4 (OR C24) TO BS. 4978 UNLESS OTHERWISE NOTED AND SHALL BE TREATED WITH AN APPROVED TIMBER PRESERVATIVE, INCLUDING CUT ENDS AND NOTCHES.
- ALL STRUCTURAL STEELWORK SHALL BE MILD STEEL AND PAINTED WITH 1 COAT OF RED OXIDE AT THE FABRICATION WORKS AND 1 COAT ON SITE AFTER ERECTION, EACH COAT WITH A DRY FILM THICKNESS OF NOT LESS THAN 50 MICRONS. STEELWORK TO BE ENCASED IN CONCRETE SHALL BE UNPAINTED.
- ALL STEELWORK CONNECTION DESIGNS AND FABRICATION DETAILS SHALL BE PREPARED BY THE APPOINTED SPECIALIST STEELWORK CONTRACTOR UNLESS OTHERWISE NOTED.
- THE CONCRETE MIX FOR PADSTONES SHALL BE A 1:4 MIX.
- BRICKWORK SHALL BE CONSTRUCTED USING BRICKS WITH A MINIMUM CRUSHING STRENGTH OF 27.5N/mm<sup>2</sup> AND BLOCKWORK SHALL BE CONSTRUCTED USING BLOCKS WITH A MINIMUM CRUSHING STRENGTH OF 2.8N/mm<sup>2</sup> UNLESS OTHERWISE NOTED. ALL MASONRY SHALL BE LAID IN CLASS (iii) MORTAR.

Rev.	Revision	Date
C	COLUMN C7 MOVED	19.06.15
B	REAR LIGHTWELL ADDED	28.05.15
A	DRAWING STATUS REVISED	07.11.14



Project  
**65 GOLDHURST TERRACE  
LONDON  
NW6 3HB**

Title  
**PROPOSED BASEMENT EXTENSION  
AND ALTERATIONS  
STRUCTURAL DETAILS - SHEET 1**

Drawing Status:  
**BUILDING REGULATIONS**

Date: OCT/14	Drawn by: SB
Scales: AS NOTED AT A1	Checked:

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Email: mail@mmpdesign.co.uk



Job No. <b>4402</b>	Dwg. No. <b>01</b>	Rev. <b>C</b>
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