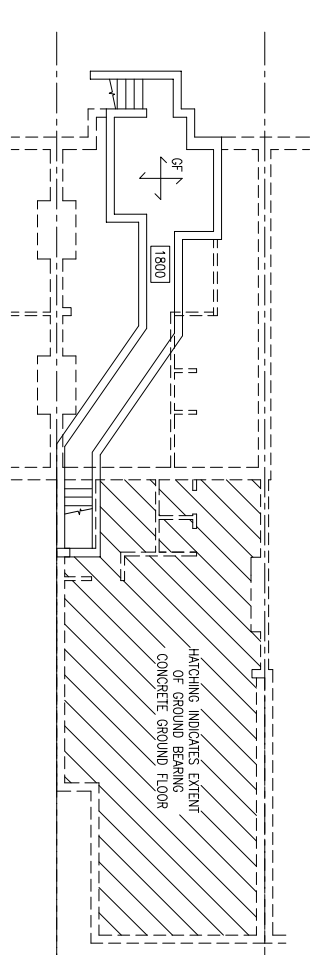
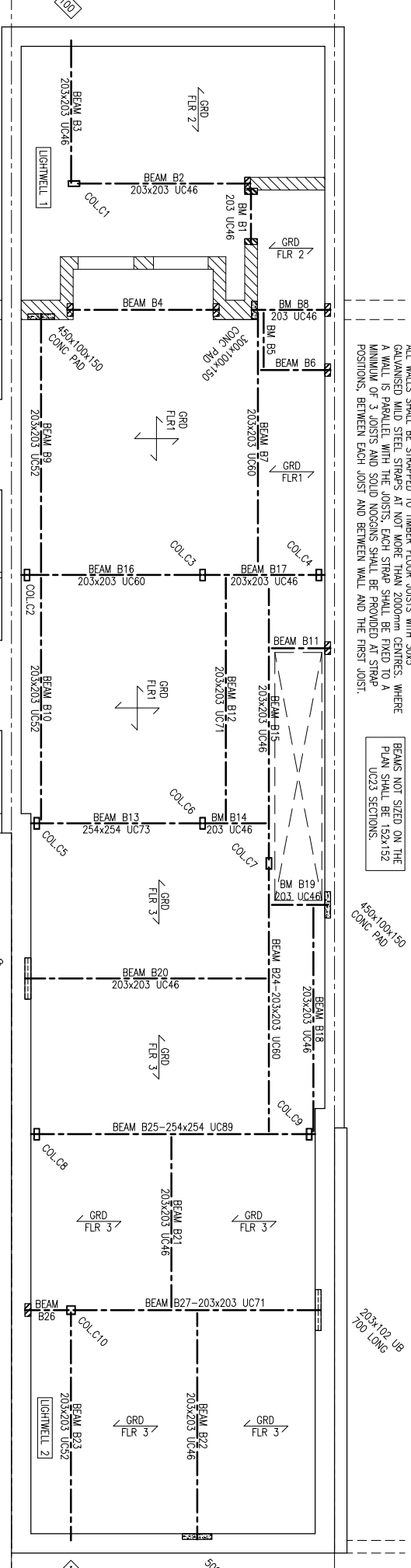


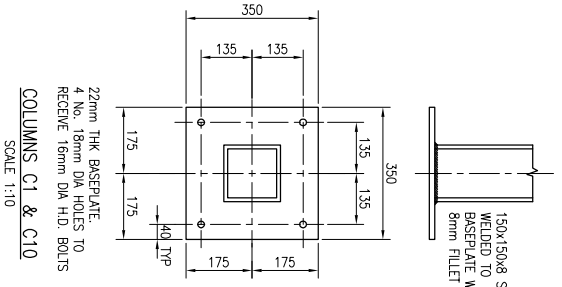
EXISTING GROUND FLOOR PLAN
SCALE 1:100



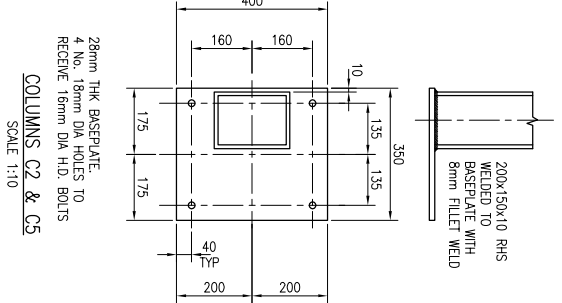
EXISTING BASEMENT FLOOR PLAN
SCALE 1:100



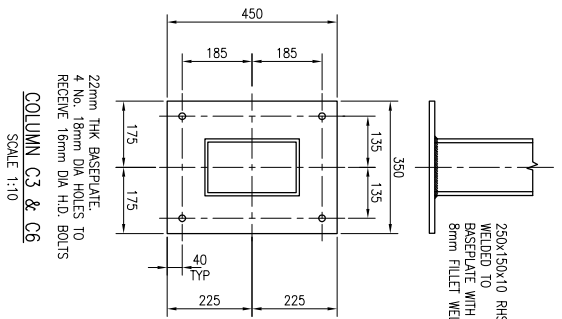
PROPOSED BASEMENT FLOOR PLAN
SCALE 1:50



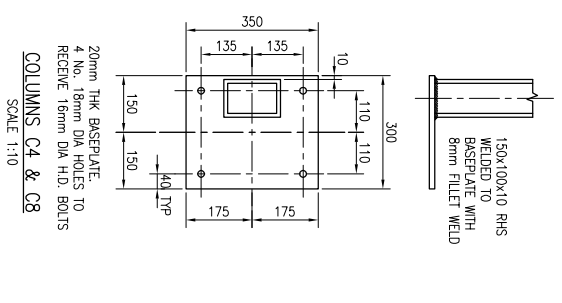
22mm THK BASEPLATE
4mm THK DA HOLES TO
RECEIVE 16mm DA HD BOLTS
COLUMN C1 & C10
SCALE 1:10



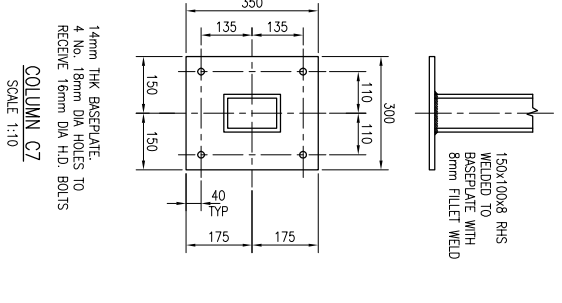
28mm THK BASEPLATE
4mm THK DA HOLES TO
RECEIVE 16mm DA HD BOLTS
COLUMN C2 & C5
SCALE 1:10



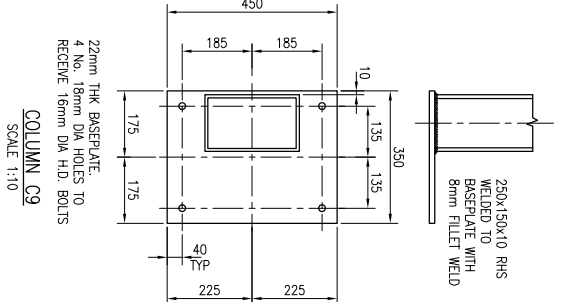
22mm THK BASEPLATE
4mm THK DA HOLES TO
RECEIVE 16mm DA HD BOLTS
COLUMN C3 & C6
SCALE 1:10



20mm THK BASEPLATE
4mm THK DA HOLES TO
RECEIVE 16mm DA HD BOLTS
COLUMN C4 & C8
SCALE 1:10



14mm THK BASEPLATE
4mm THK DA HOLES TO
RECEIVE 16mm DA HD BOLTS
COLUMN C7
SCALE 1:10



22mm THK BASEPLATE
4mm THK DA HOLES TO
RECEIVE 16mm DA HD BOLTS
COLUMN C9
SCALE 1:10

INDICATES EXISTING TIMBER FLOOR TO BE RETAINED. NEW BEAMS TO REPLACE SLEEPER WALLS AS REQUIRED SHALL BE:-
152x152 UC30 UP TO 4.5m SPAN
152x152 UC30 UP TO 5.0m SPAN (40mm COVER TOP & 40mm COVER BOTTOM).

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 PASTSTONE.
[100] DENOTES LENGTH OF BEAM BEARING ONTO CONCRETE WALL.

ALL WALLS SHALL BE STRAPPED TO TIMBER FLOOR JOISTS WITH 30x5 GALVANISED MILD STEEL STRIPS AT NOT MORE THAN 2000mm CENTRES, WHERE A WALL IS PARALLEL WITH THE JOISTS, EACH STRIP SHALL BE FIXED TO A MINIMUM OF 3 JOISTS AND SOLID NOGONS 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.

NOTES

- THIS DRAWING REMAINS THE COPYRIGHT OF MIP DESIGN AND IS NOT TO BE COPIED, ALTERED OR CHANGED WITHOUT PERMISSION, OTHERWISE NOTED.
- 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 ADVISE BE GIVEN BY THE ENGINEER. NO RESPONSIBILITY WILL BE ACCEPTED UNLESS THE ADVISE 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 WOOD 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 PASTONES SHALL BE A 1:4 MIX.
- BRICKWORK SHALL BE CONSTRUCTED USING BRICKS WITH A MINIMUM CRUSHING STRENGTH OF 27.5N/mm² AND BLOCKWORK SHALL BE CONSTRUCTED USING BLOCKS WITH A MINIMUM CRUSHING STRENGTH OF 28N/mm² UNLESS OTHERWISE NOTED. ALL MASONRY SHALL BE Laid IN CLASS (iii) MORTAR.

Rev.	Description	Date
A	DRAWING STATUS REVISED	07/11/14



Project: 65 GOLDHURST TERRACE LONDON NW6 3JB

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

Drawing Status: BUILDING REGULATIONS

Date: OCT/14
Scale: AS NOTED AT A1
Checked: SB

MIP DESIGN
Consulting Civil & Structural Engineers

First Floor Unit 6
11-12 The Quadrant
Parker Road Lane
Uxbridge UB8 2EH
Tel: 01894 430700 Fax: 01894 430550
Email: mail@mipdesign.co.uk

Job No: 4402
Dwg. No: 01
Rev: A