

Notes:
The contractor must verify all dimensions on site before commencing any work on shop drawings, do not scale from this drawing
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HAZARDS LEADING TO UNUSUAL OR SIGNIFICANT RISKS DURING THE CONSTRUCTION PROCESS ARE IDENTIFIED ON THE DRAWING AS:



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RISKS / HAZARDS SPECIFIC TO THIS DRAWING:

1. DEMOLITION OF EXISTING STRUCTURES & ASBESTOS RISK

PRIOR TO UNDERTAKING ANY WORKS CONTRACTOR TO UNDERTAKE ASBESTOS AND BUILDING SURVEY AND PROVIDE A DETAILED METHOD STATEMENT AND RISK ASSESSMENTS FOR ALL TEMPORARY WORKS, TO PROJECT TEAM FOR COMMENT.

2. EXISTING DRAINAGE

CONTRACTOR TO ACCURATELY SURVEY DRAINAGE PRIOR TO COMMENCING WORKS AND MAKE PROVISION FOR TEMPORARY PROTECTION OF RETAINED SW AND FW SYSTEMS AND DIVERSION OF ANY DRAINAGE CLASHING WITH PROPOSED WORKS AS ENABLING WORKS.

3. EXISTING SERVICES
CONTRACTOR TO SURVEY POSITIONS OF ALL ABOVE AND BELOW GROUND SERVICES AND MAKE PROVISION TO DIVERT OR PROTECT ALL LIVE SERVICES AS ENABLING WORKS IN ACCORDANCE WITH MEPH REQUIREMENTS.

4. EXCAVATING WITH BASEMENT
CONTRACTOR TO ENSURE THAT STABILITY IS MAINTAINED OF EXG SLAB AND STRUCTURES AT ALL TIMES. TEMPORARY WORKS MAY BE REQUIRED AND THESE ARE TO BE REVIEWED AND PROVIDED BY TEMPORARY WORKS SPECIALIST ORGANISED BY THE CONTRACTOR.

P4 Stair Position Adjusted 28-09-22
P3 VB Extent Adjusted 29-07-22
P2 For Information 27-06-22
P1 For Comment 16-05-22

Revision	Amendment	Date
KL	LW	AM
Drawn by	Reviewed by	Approved by
61255CD	10 May 22	NT5@ A3
MCB Number	Date created	Scale

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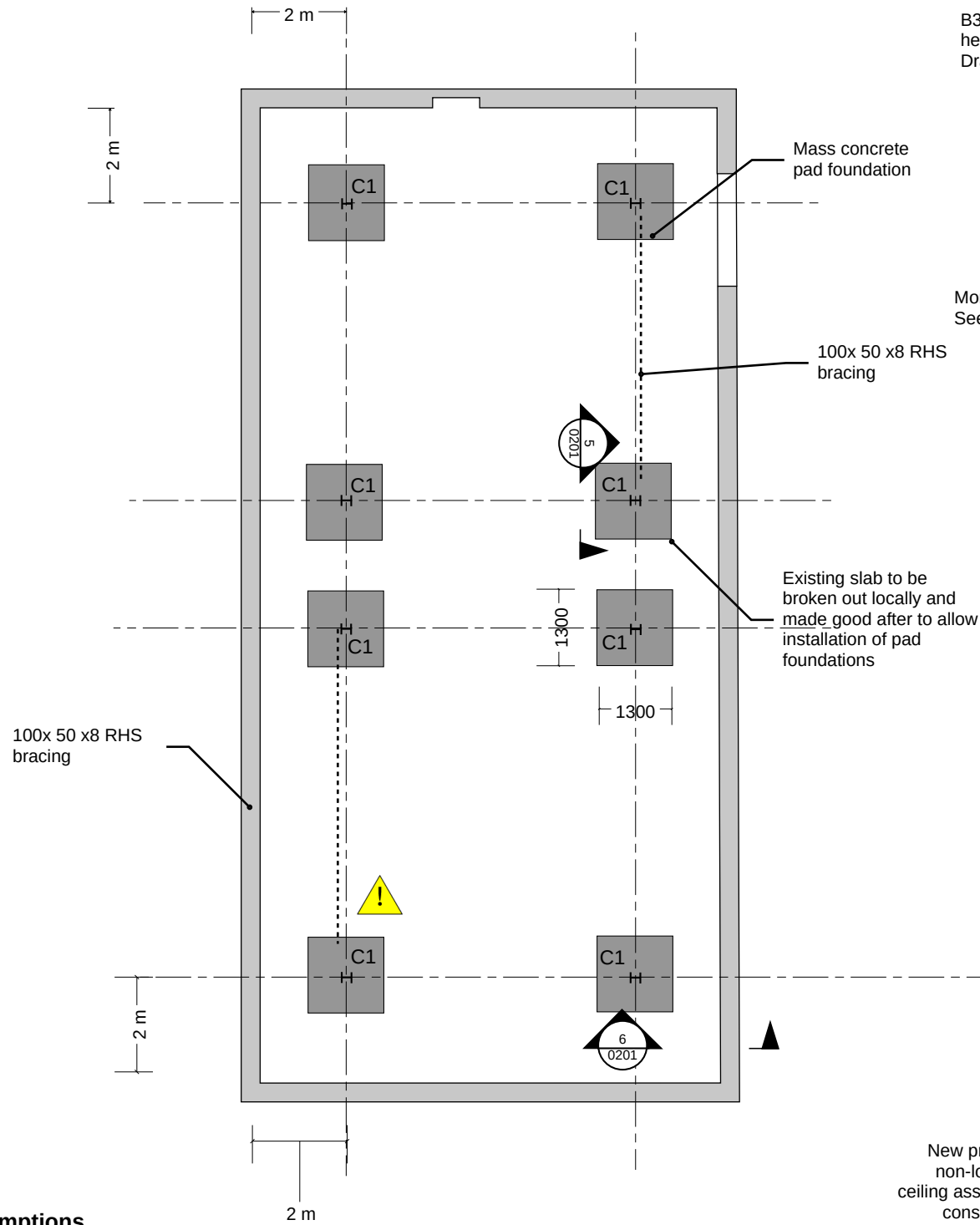
Client
THE ARCH COMPANY

Project
77 Whitworth Street

Drawing Title
Ground (Mezzanine)& Basement Plan

STRUCTURES

Drawn / Document Reference	Status
ARCH80 - MCB - XX - XX - SK - S - 100	S4 - P4
Project Idem	Originator
Zone	Level
Type	Discipline
Number	Suitability
Revision	

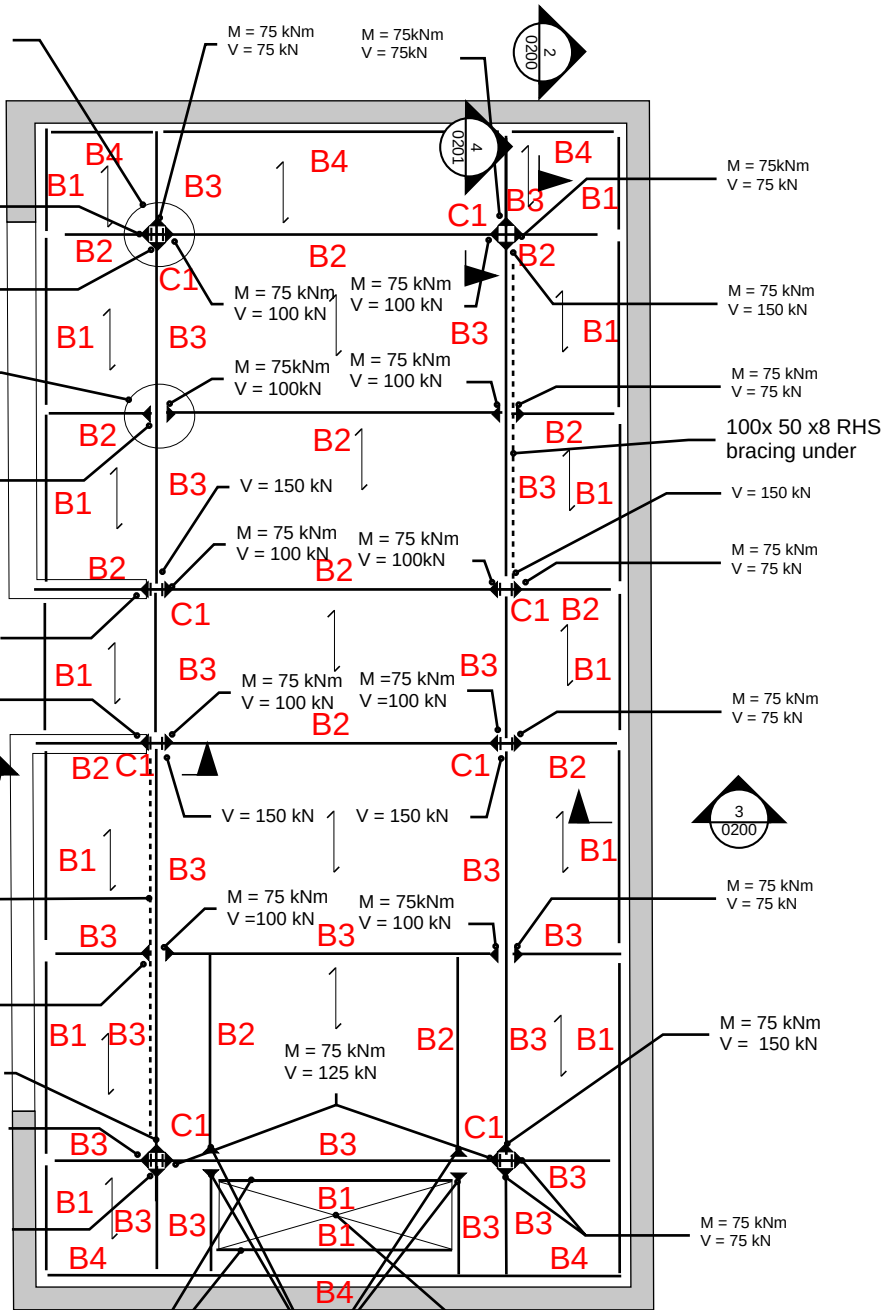


B3 to run over column heads. See Detail A on Drawing 0200

Moment Connection. See Detail B on on 0200

100x 50 x8 RHS bracing under

New protected corridor and stair well non-load bearing partition walls and ceiling assumed to be built of lightweight construction to Rapleys details. No allowance for blockwork masonry walls.



Beam Schedule

B1	200x90 PFC 30
B2	254x146x31 UB
B3	254x146x43 UB
B4	203x133x30 UB

Floor Type

130mm thick Comflor
51 Slab with A393
Reinforcement Mesh

Column Schedule

C1 152UC23

Assumptions

- We have assumed a minimum load bearing capacity of 100 kPa for shallow footings
- All soft spots to be excavated and infilled with mass concrete.
- Live Load assumed is 5kPa
- Allowance for Ceiling and Finishes is 0.50 kPa
- Steel Grade - S355
- Concrete - C40
- Reinforcement Grade - 500
- All connection details/design to be by others
- Connections to be designed for a minimum of 75 kN in either tension or shear U.N.O
- All steelwork to be protected with intumescent paint for 1 hour fire rating. Paint specification by others
- Comflor 51 decking to be 0.9mm thick, laid as continuous double span, unpropped.