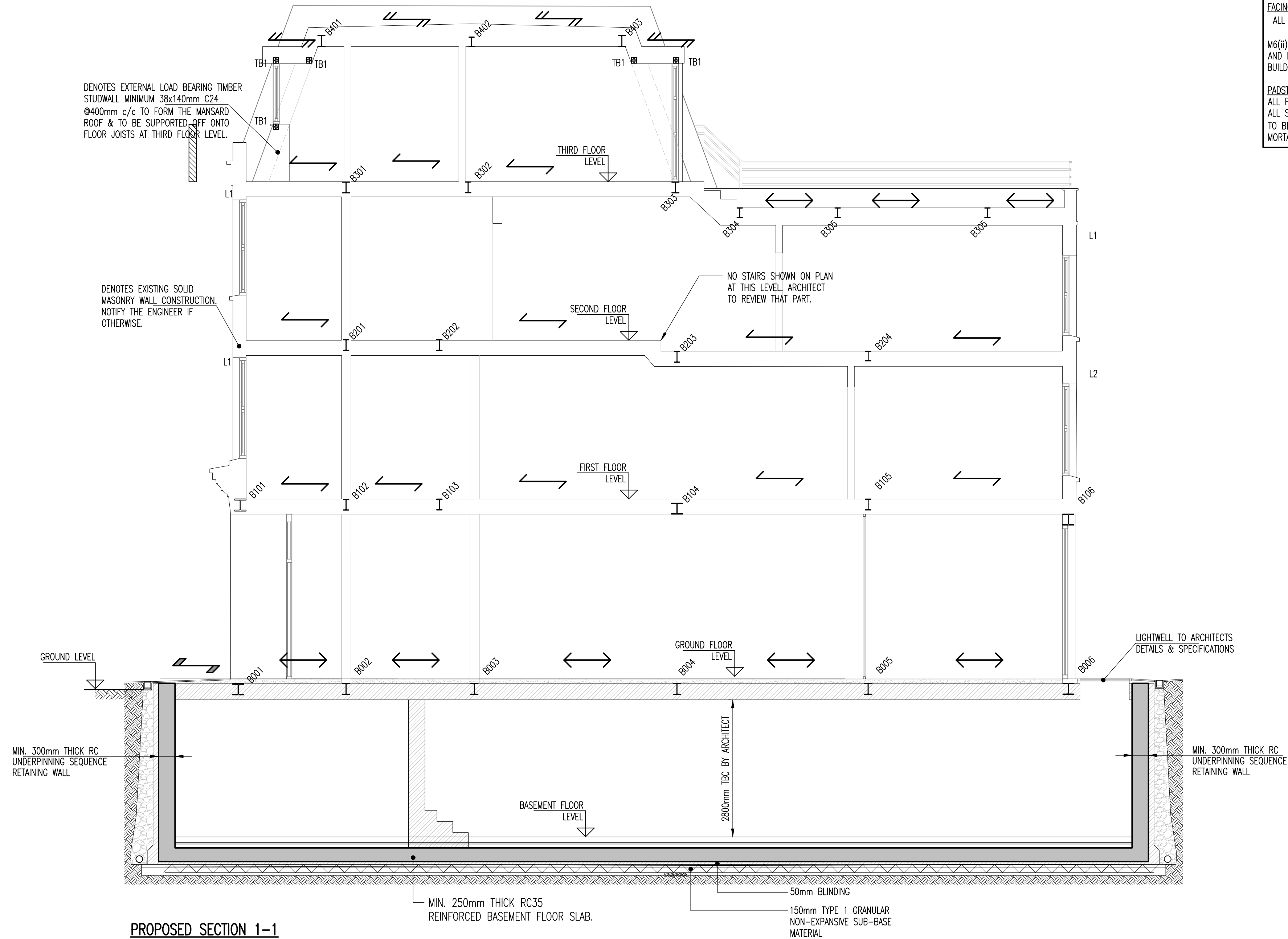


NOTE:
ALL SETTING OUT INFORMATION SHOWN ON THIS DRAWING TO BE CONFIRMED BY ARCHITECT PRIOR TO CONSTRUCTION.



PROPOSED SECTION 1-1
SCALE 1:50

STEEL BEAM SCHEDULE				
SECTION Ref.	SIZE	STEEL GRADE	SURFACE TREATMENT	NOTES
B001	203 x 203 UC 46	S275	C	TO SUPPORT EXTERNAL WALL & GLAZING
B002	203 x 133 UB 30	S275	C	-
B003	203 x 133 UB 30	S275	C	-
B004	203 x 133 UB 30	S275	C	-
B005	203 x 133 UB 30	S275	C	-
B006	203 x 203 UC 46	S275	C	TO SUPPORT EXTERNAL WALL & BI FOLD
B007-B013	150 x 90 PFC 24	S275	F	TO SUPPORT SKYLIGHTS/LIGHTWELL [ALL GALVANIZED]

STEEL BEAM SCHEDULE				
SECTION Ref.	SIZE	STEEL GRADE	SURFACE TREATMENT	NOTES
B101	203 x 203 UC 86	S275	C	TO SUPPORT EXISTING SOLID WALL OVER
B102	203 x 102 UB 23	S275	C	-
B103	203 x 102 UB 23	S275	C	-
B104	203 x 203 UC 46	S275	C	-
B105	203 x 102 UB 23	S275	C	-
B106	203 x 203 UC 46	S275	C	TO SUPPORT EXISTING SOLID WALL OVER

STEEL BEAM SCHEDULE				
SECTION Ref.	SIZE	STEEL GRADE	SURFACE TREATMENT	NOTES
B201	203 x 102 UB 23	S275	C	-
B202	203 x 102 UB 23	S275	C	-
B203	203 x 102 UB 23	S275	C	-
B204	178 x 102 UB 19	S275	C	-

STEEL BEAM SCHEDULE				
SECTION Ref.	SIZE	STEEL GRADE	SURFACE TREATMENT	NOTES
B301	203 x 133 UB 25	S275	C	-
B302	203 x 102 UB 23	S275	C	-
B303	203 x 133 UB 25	S275	C	TO SUPPORT EXTERNAL TIMBER STUDWALL & ROOF RAFTERS
B304	178 x 102 UB 19	S275	C	-
B305	178 x 102 UB 19	S275	C	-
B306	178 x 102 UB 19	S275	C	-

STEEL BEAM SCHEDULE				
SECTION Ref.	SIZE	STEEL GRADE	SURFACE TREATMENT	NOTES
B401	203 x 133 UB 25	S275	C	-
B402	178 x 102 UB 19	S275	C	RIDGE BEAM
B403	203 x 133 UB 25	S275	C	-

MASONRY NOTES:
BLOCKWORK STRENGTH:
THIRD FLOOR- ROOF LEVEL = 3.5N/mm²
FACING BRICKWORK STRENGTH:
ALL LEVELS = 15N/mm²
M6(g) MORTAR, CAVITY WALL TIES TYPE AND DENSITY IN ACCORDANCE WITH BUILDING REGULATIONS.
PADSTONES
ALL PADSTONES ENGINEERING BRICK UNO.
ALL STEELWORK BEARING ONTO PADSTONES TO BE BEDDED ON 1:2 CEMENT/SAND MORTAR.

NOTE:
LOAD-BEARING TIMBER STUDWORK WALL INDICATED THUS:
STUDWORK TO BE AS FOLLOWS:
INTERNAL (MINIMUM)
38 x 89 TIMBER C24 AT 400mm CENTRES
EXTERNAL (MINIMUM)
38 x 140 C24 TIMBER AT 400mm CENTRES
ALL TO BE SHEATHED WITH 9.5mm THICK O.S.B.

NOTE:
EXISTING EXTERNAL MASONRY WALLS PRESUMED TO BE SOLID WALLS.
INTERNAL WALLS PRESUMED TO BE NON - LOAD BEARING UNLESS NOTED OTHERWISE.

STRUCTURAL KEY:
← → DENOTES SPAN OF 47 x 175 C24 PROPOSED FLOOR JOISTS AT 400mm CENTRES
↙ ↘ DENOTES SPAN OF 47 x 175 C24 PROPOSED FLOOR JOISTS AT 400mm CENTRES
↗ ↖ DENOTES SPAN OF 47 x 150 C24 PROPOSED FLAT ROOF JOISTS AT 400mm CENTRES
↘ ↗ DENOTES SPAN OF 47 x 150 C24 PROPOSED ROOF RAFTER JOISTS AT 400mm CENTRES

PADSTONE SCHEDULE			
PADSTONE Ref.	SIZE	MATERIAL	BEARING
P1	215mm LONG x 102.5mm WIDE	2 COURSES ENGINEERING BRICK	100mm
P2	330mm LONG x 102.5mm WIDE	2 COURSES ENGINEERING BRICK	100mm
P3	440mm LONG x 102.5mm WIDE	3 COURSES ENGINEERING BRICK	100mm

TIMBER BEAM SCHEDULE			
SECTION Ref.	MINIMUM SIZE	TIMBER GRADE	NOTES
TB1	2No. 47x100mm	C24	BOLTED TOGETHER WITH M12 BOLTS & TOOTHED WASHERS @500mm C/C
TB2	3No. 47x200mm	C24	RAFTER JOISTS TO SUPPORT MANSARD ROOF WINDOWS BOLTED TOGETHER WITH M12 BOLTS & TOOTHED WASHERS @500mm C/C

STEEL COLUMN SCHEDULE					
SECTION Ref.	SIZE	STEEL GRADE	PAINT CONDITION	NOTES	DETAIL
C101	203 x 203 UC 46	S275	C	SUPPORTED ONTO RETAINING WALL	1
C102	203 x 203 UC 46	S275	C	SUPPORTED ONTO RETAINING WALL	1
C103	203 x 203 UC 60	S275	C	SUPPORTED ONTO RETAINING WALL	1
C104	203 x 203 UC 60	S275	C	SUPPORTED ONTO RETAINING WALL	1
C105	203 x 203 UC 46	S275	C	SUPPORTED ONTO RETAINING WALL	1
C106	203 x 203 UC 46	S275	C	SUPPORTED ONTO RETAINING WALL	1

LINTEL SCHEDULE		
LINTEL Ref.	TYPE	MANUFACTURER
L1	I BEAM (2C)	IG
L2	I BEAM (3C)	IG

TIMBER

16. ALL TIMBER IS TO BE TREATED IN ACCORDANCE WITH CURRENT REGULATIONS AND STANDARDS.

17. ALL TIMBER FIXINGS ARE TO GALVANISED UNLESS NOTED OTHERWISE.

18. ALL TIMBER TO BE STRESS GRADED.

MASONRY

19. ALL STEELWORK BEARING ONTO PADSTONES TO BE BEDDED ON 1:2 CEMENT/SAND MORTAR.

20. ALL PADSTONES TO BE ENGINEERING BRICK UNLESS NOTED OTHERWISE.

STEELWORK

21. ALL STEELWORK ENCASED IN MASONRY SHALL RECEIVE TWO COATS OF BITUMINOUS PAINT BUILD UP OF 75 MICRONS.

22. ALL STEELWORK IS TO BE COATED AS PER THE SPECIFICATION.

23. ALL STEELWORK LOCATED BELOW GROUND LEVEL TO HAVE 75mm MIN. CONCRETE COVER.

24. PROPOSED STEELWORK DETAILS HAVE BEEN PREPARED AND PRESENTED ON THE BASIS OF LIMITED EXISTING SITE DATA. THE MAIN CONTRACTOR OR HIS APPOINTED SUB-CONTRACTORS MUST ALLOW FOR SITE SURVEYING AND MEASURING TO ENSURE CORRECT ALIGNMENT AND FIT OF NEW STEELWORK.

GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING OR MODEL. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE. ANY DISCREPANCIES ARE TO BE RECORDED AND REPORTED TO THE ENGINEERS IMMEDIATELY.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS AND ARCHITECTS DRAWINGS AND THE SPECIFICATION.

3. ALL WORK IS TO BE TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY BUILDING CONTROL.

4. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF THE WORKS AT ALL TIMES DURING CONSTRUCTION.

5. ALL WORKMANSHIP AND MATERIALS ARE TO BE TO CURRENT BRITISH STANDARDS OR EUROCODES. ALL CONSTRUCTION PRODUCTS AND STRUCTURAL STEELWORK SHOULD BE CE MARKED IN ACCORDANCE WITH CURRENT LEGISLATION.

6. ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.

7. ANY EXISTING DETAILS WHICH ARE SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY VARIATIONS ARE TO BE RECORDED AND REPORTED TO THE ENGINEER IMMEDIATELY.

CONCRETE

8. CONCRETE IS TO BE GRADE RC35 DESIGN MIX USING A NOMINAL 20mm SIZE AGGREGATE AND A MINIMUM CEMENT CONTENT OF 330kg/m³ OF ORDINARY PORTLAND CEMENT (O.P.C.).

9. BLINDING TO BE GRADE GEN1 CONCRETE MIX CONTAINING NOT LESS THAN 200kg/m³ OF O.P.C. AND A NOMINAL 20mm SIZE AGGREGATE.

10. CONCRETE IS TO BE TO BS EN 206 Pt 1 to 4: 2000 AND BS EN 8500 Pt 1 AND 2: 2002.

11. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, SUPPORT AND ERECTION OF ANY FORM WORK REQUIRED.

12. FLEXIBLE PROTECTION IS TO BE PROVIDED AROUND ALL SERVICE WITH 50mm COMPRESSIBLE WRAPPING MATERIAL.

13. COVER TO ALL REINFORCEMENT IS TO BE 40mm TOP AND 50mm BOTTOM AND SIDES, UNLESS NOTED OTHERWISE.

14. THE CONTRACTOR IS TO SUPPLY STOOLS, SPACERS, COVER BLOCKS ETC. THESE ITEMS ARE NOT SCHEDULED.

15. REINFORCEMENT IS TO BE TO BS 4449: 2005, BS 4483: 2005 AND BS 8666: 2005 AS APPLICABLE.

PRELIMINARY

Rev	Initial Issue	Amendments	Drawn	Approved	Date
P2	REVERSED DESIGN ACCORDING TO LATEST ARCHITECT'S DRAWINGS	KP	DJS		12.09.2018
P1	INITIAL ISSUE		KP	DJS	13.09.2018

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Project 74 FORTUNE GREEN ROAD NW6 1DS	
Drawing Title PROPOSED SECTION 1-1	
Client ENTIRE HOUSE Ltd	
Drawn by KP	Designed by KP
Approved by DJS	Checked by DJS
Scale AS SHOWN @ A1	Date AUGUST 2018
Drawing No. EX18_132_07 / 504	Rev. P2