

**LEGEND:**

- EXISTING STRUCTURE TO BE RETAINED
- NEW REINFORCED CONCRETE STRUCTURE
- NEW BRICKWORK
- NEW BLOCKWORK
- B1 NEW STEEL BEAM AND REFERENCE. REFER TO SCHEDULE FOR TYPE AND SIZE
- EX-B1 EXISTING STEEL BEAM AND REFERENCE. REFER TO SCHEDULE FOR TYPE AND SIZE
- L1 NEW LINTEL AND REFERENCE. REFER TO SCHEDULE FOR TYPE AND SIZE.
- NEW TIMBER MEMBER, JOIST/RAFTER ETC.
- P1 NEW PADSTONE AND REFERENCE. REFER TO SCHEDULE FOR TYPE AND SIZE.
- C1 COLUMN REFERENCE
- COLUMN BELOW SYMBOL
- TWO-WAY SPAN OF RC SLAB. REFER TO LAYOUT FOR DEPTH.
- ONE-WAY SPAN OF RC SLAB. REFER TO LAYOUT FOR DEPTH.
- SPAN OF PRECAST CONCRETE FLOOR
- SPAN OF REINFORCED CONCRETE SLAB ON PROFILED METAL DECKING
- SPAN OF 50x200 GRADE C24 TIMBER JOISTS AT 400mm c/c (TBC) WITH 1No. LAYER OF 22mm OSB SHEATHING TOP UNLESS NOTED OTHERWISE
- SPAN OF 50x150 GRADE C24 TIMBER JOISTS AT 400mm c/c (TBC) WITH 1No. LAYER OF PLY SHEATHING TOP
- STEP IN LEVEL SYMBOL

**ABBREVIATIONS:**

- FL - FORMATION LEVEL
- SSL - STRUCTURAL SLAB LEVEL
- FFL - FINISHED FLOOR LEVEL
- TOC - TOP OF CONCRETE
- TOPC - TOP OF PILECAP
- TOS - TOP OF STEEL
- TOW - TOP OF WALL
- LL - LOW LEVEL
- H/L - HIGH LEVEL
- CR - STEEL BEAM CRANK LINE

**NOTES:**

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
- DO NOT SCALE FROM THE DRAWING OR THE COMPUTER DIGITAL DATA. ONLY FIGURED DIMENSIONS TO BE USED.

**REINFORCEMENT ESTIMATES**

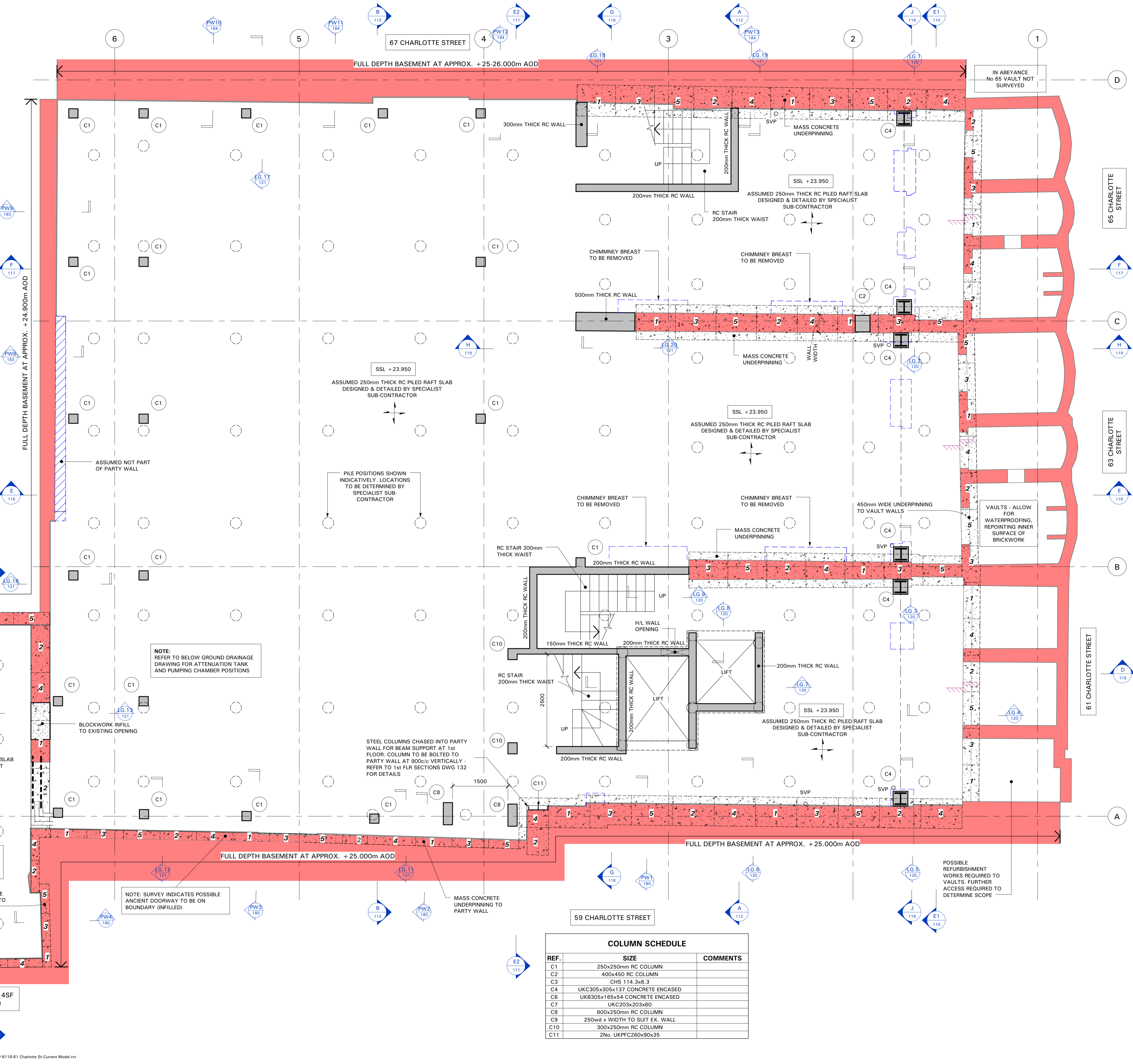
COLUMNS	190 kg/m3
WALLS	115 kg/m3
SLAB	BY OTHERS

ALL UPSTANDS BELOW EXISTING WALLS TO MATCH THAT OF THE WALL IT SUPPORTS. SIZES SHOWN ON PLAN ARE BASED ON SURVEY DRAWINGS

M & E TO PROVIDE ALL BWIC LOCATIONS THROUGH THE STRUCTURE FOR REVIEW & CO-ORDINATION

LOWER GROUND FLOOR WATERPROOFING STRATEGY BY OTHERS

WEIGHTS & SIZES OF STEEL & CONCRETE ELEMENTS ARE SUBJECT TO CHANGE (EITHER INCREASES OR DECREASES) FOLLOWING ISSUE OF THIS DRAWING REVISION I.E. THE STAGE 3 ISSUE. THIS WOULD BE AS A RESULT OF THE DESIGN BEING PROGRESSED TOWARDS TENDER STAGE AS MORE COMPREHENSIVE CALCULATIONS ARE PERFORMED AND DETAILED ARCHITECTURAL INFORMATION IS PROVIDED



**COLUMN SCHEDULE**

REF.	SIZE	COMMENTS
C1	250x250mm RC COLUMN	
C2	400x450 RC COLUMN	
C3	CHS 114 3x5.3	
C4	UKC305x305x137 CONCRETE ENCASED	
C6	UKB305x165x84 CONCRETE ENCASED	
C7	UKC203x203x60	
C8	600x250mm RC COLUMN	
C9	250wd x WIDTH TO SUIT EX. WALL	
C10	300x250mm RC COLUMN	
C11	2No. UKPFC260x90x35	

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T1	04/04/16	ISSUED FOR TENDER	HP
Rev	Date	Description	By
Drawing Status			
<b>TENDER</b>			
<b>MBP</b> Michael Barclay Partnership			
consulting engineers			
105-109 Strand			
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Job			
<b>61-65 CHARLOTTE STREET LONDON W1</b>			
Title			
<b>LOWER GROUND FLOOR PLAN GA</b>			
Scale @ A1	Date	By	Checked
1 : 50	DEC 15	HP	REM
Drawing Number	Revision		
6118 / 099			<b>T1</b>