

















CONCRETE		
TYPE	CLASS/DESIGNATED CONCRETE	SPEC. REF.
GENERAL	RC 32/40	E10
IN CONTACT WITH SOIL	DS-3	E10
MASS CONCRETE	GEN1	E10
BLINDING	GEN1	E10

STEEL		
TYPE	CLASS/GRADE	SPEC. REF.
GENERAL	S355	G10
BOLTS	8.8	G10

TIMBER		
TYPE	CLASS/GRADE	SPEC. REF.
NEW	C24	G20
PLYWOOD	I/I	G20

LEGEND:						
	EXISTING STRUCTURE TO BE RETAINED		EXISTING WALLS BELOW		SPAN OF 50x150 GRADE C24 TIMBER JOISTS @ 400 CRS w/ 2x12mm PLY ON TOP AND NOGGINS AT THIRDS OF SPAN	ABBREVIATIONS:  SSL - STRUCTURAL SLAB LEVEL FFL - FINISHED FLOOR LEVEL TOF - TOP OF FLOOR TOB - TOP OF BEAM TOPC - TOP OF PILECAP TOS - TOP OF STEEL TOW - TOP OF WALL TOJ - TOP OF JOIST CB - COLUMN BELOW WB - WALL BELOW
	NEW BRICKWORK		COLUMN REFERENCE. REFER TO SCHEDULES FOR TYPE AND SIZE		SPAN OF 50x250 GRADE C24 TIMBER JOISTS @ 300 CRS w/ 2x12mm PLY ON TOP AND NOGGINS AT THIRDS OF SPAN	
	NEW LOAD-BEARING BLOCKWORK		NEW LINTEL & REFERENCE. REFER TO SCHEDULES FOR TYPE AND SIZE			
	NEW STEEL BEAM & REFERENCE. REFER TO SCHEDULES FOR TYPE AND SIZE		NEW TIMBER MEMBER; JOIST/RAFTER ETC.			
	EXISTING STEEL BEAM, REFER TO PLANS FOR SIZES		FLITCH ELEMENT - REFER TO PLAN FOR SIZES			
	NEW CONCRETE PADSTONE. REFER TO SCHEDULE FOR SIZES		SPAN OF EXISTING TIMBER JOISTS - REFER TO PLAN FOR SIZES			
	NEW MASS CONCRETE UNDERPINNING CAST IN 1.0m LENGTHS TO 1-3-5-2-4 SEQUENCE		EXISTING TIMBER JOISTS, REFER TO PLANS FOR SIZES			
			SPAN OF 50x200 GRADE C24 TIMBER JOISTS @ 400 CRS w/ 2x12mm PLY ON TOP AND NOGGINS AT THIRDS OF SPAN			

BEAM SCHEDULE		
REF	SIZE	COMMENTS
B1	203x133x30 UKB	* DENOTES TOP PLATE TO SUPPORT BRICKWORK
B2	254x254x73 UKC	* DENOTES TOP PLATE TO SUPPORT BRICKWORK
B3	200x90x30 UKPFC	
B4	203X203X46 UKC	
B5	150x90x24 UKPFC	
B6	203X203X60 UKC	
B7	152X152X37 UKC	

LINTELS	
CLEAR SPAN OF OPENING	SIZE
UP TO 1m	100x100DP PRECAST CONCRETE LINTEL
1m TO 1.8m	100x140DP PRECAST CONCRETE LINTEL
1.8m TO 2.4m	100x215DP PRECAST CONCRETE LINTEL

NOTES:

- \* NUMBER OF LINTEL TO SUIT WALL WIDTH, E.G. 2150 WALL REQUIRES 2No. LINTELS.
- \* FIRE RATING REQUIREMENTS BY OTHERS

PADSTONE SCHEDULE		
REF	SIZE	COMMENTS
P1	225x350x150dp	MASS CONCRETE
P2	100X350X150dp	MASS CONCRETE
P3	100X600X300dp	MASS CONCRETE
P4	225X225X150dp	MASS CONCRETE
P5	100X1200X300	REINFORCED CONCRETE

COLUMN SCHEDULE		
REF	SIZE	COMMENTS
C1	260X90X35 PFC	
C2	60X60X5 RHS	HOT ROLLED
C3	-	

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

Project Title	Scale @ A1	Date	Drawn	Checked	MBP	Michael Barclay Partnership	
55 CUMBERLAND TERRACE, LONDON NW1 4HJ	1:50	APR 21	MI	TH		<a href="#">consulting engineers</a>	
Drawing Title	Drawing Status	Revision				Chronicle House, 72 - 78 Fleet Street London EC4Y 1HY T 020 7240 1191 E london@mbp-uk.com W mbp-uk.com	
PROPOSED & EXISTING SECOND FLOOR GENERAL ARRANGEMENTS	S4 - SUITABLE FOR STAGE APPROVAL			P1			
Drawing Title	Project Drawing ID						
	8045-MBP-XX-02-DR-S-0703						
	Project	Originator	Volume	Level	Type	Rise	Number