

- REFER TO MBP'S SPECIFICATIONS AND GENERAL
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE REMAINING STRUCTURAL DRAWINGS,
- INSTALL STRAPS AT ALL LEVELS BETWEEN TIMBER FLOOR AND MASONRY WALLS, REFER TO
- EXISTING LINTELS AND SUPPORT OF INTERNAL BLOCKWORK/BRICKWORK WALLS TO BE INSPECTED AND REVIEWED ON SITE - ALLOW FOR
- MAKING GOOD OF EXISTING SUPPORTS DEMOLITION AND TEMPORARY WORKS, WATERPROOFING, FIRE STRATEGY,
- SCHEDULES BY OTHERS CONTRACTOR TO INFORM DESIGN TEAM OF DISCREPANCIES FOUND ON SITE RELATED TO
- ALL NON STRUCTURAL WALLS AND PARTITIONS TO HAVE DEFLECTION HEADS TO UNDERSIDE OF
- CONTRACTOR TO ADD NOGGINS AT THIRDS OF SPAN WHERE NON EXISTING. CONTRACTOR TO INFILL EXISTING OBSOLETE NOTCHES IN JOISTS
- CONTRACTOR TO SURVEY ALL EXISTING WET AREAS (EG. BATHROOMS AND KITCHENS) FOR TIMBER ROT. ALLOW FOR REPLACEMENT OF 30% OF EXISTING JOISTS, TO BE CONFIRMED AFTER
- PLYWOOD TO BE SCREWED TO MAIN JOISTS WHERE EXISTING FLOORBOARDS ARE REMOVED. WHERE LEVELING FURRINGS ARE USED, THE SCREWS USED MUST ENSURE BOARD/JOIST CONNECTION THROUGH TO MAIN JOISTS.
- CONTRACTOR TO INVESTIGATE CONDITION OF ALL EXISTING STEEL ELEMENTS TO BE RETAINED.
 ALLOW FOR CORROSION TREATMENT AFTER
- CONTRACTOR TO EXECUTE TRIAL PITS TO CONFIRM FOUNDATION DEPTH AND GEOMETRY AND WATER LEVELS PRIOR TO WORKS
- CONTRACTOR TO MAKE PROVISION TO REPAIR 30% OF EXISTING BRICKWORK WITH STANDARD
- ALL OBSOLETE NOTCHES IN JOISTS ARE TO BE INFILLED WITH SOLID BLOCKING, GLUED. REFER TO MBP DETAILS FOR RULES FOR HOLES AND NOTCHING
- ANY BWIC NOT SHOWN IN THE STRUCTURAL DRAWINGS ARE TO BE CONFIRMED WITH STRUCTURAL ENGINEER. MAKE PROVISION TO SLEEVES/ADD LINTELS TO EXECUTE OPENINGS THROUGH STRUCTURAL WALLS/FLOORS.

	CONCRETE	
TYPE	CLASS/DESIGN ATED 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	1/1	G20

LEGEND:				
	EXISTING STRUCTURE TO BE RETAINED	(C1)	COLUMN REFERENCE. REFER TO SCHEDULES FOR TYPE AND SIZE	ABBREVIATIONS:
	NEW BRICKWORK	L1	NEW LINTEL & REFERENCE.	SSL - STRUCTURAL SLAB LEVEL FFL - FINISHED FLOOR LEVEL TOF - TOP OF FLOOR
	NEW LOAD-BEARING BLOCKWORK		REFER TO SCHEDULES FOR TYPE AND SIZE NEW TIMBER MEMBER; JOIST/RAFTER ETC.	TOB - TOP OF BEAM TOPC - TOP OF PILECAP
B1	NEW STEEL BEAM & REFERENCE. REFER TO SCHEDULES FOR TYPE AND SIZE		FLITCH ELEMENT - REFER TO PLAN FOR SIZES	TOS - TOP OF STEEL TOW - TOP OF WALL TOJ - TOP OF JOIST
EX-B1	EXISTING STEEL BEAM, REFER TO PLANS FOR SIZES	44	SPAN OF EXISTING TIMBER JOISTS - REFER TO PLAN FOR SIZES	CB - COLUMN BELOW WB - WALL BELOW
P1	NEW CONCRETE PADSTONE AND REFERENCE. REFER TO SCHEDULE FOR SIZES		EXISTING TIMBER JOISTS, REFER TO PLANS FOR SIZES	
✓	NEW MASS CONCRETE UNDERPINNING CAST IN 1,0m LENGTHS TO 1-3-5-2-4 SEQUENCE		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	305X127X37 UKB	* DENOTES TOP PLATE TO SUPPORT BRICKWORK	
В3	200x90x30 UKPFC		
B4	203X203X46 UKC		
B5	150x90x24 UKPFC		
В6	203X203X60 UKC		
В7	152X152X37 UKC		
[

CLEAR SPAN OF OPENNG	SIZE
UP TO 1m	100×100DP 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 WALL REQUIRES 2No. LINTELS. • FIRE RATING REQUIREMENTS BY O	·

PADSTONE SCHEDULE		
REF	SIZE	COMMENTS
P1	225x350x150dp	MASS CONCRETE
P2	100X350X150dp	MASS CONCRETE
Р3	100X600X300dp	MASS CONCRETE
P4	225X225X150dp	MASS CONCRETE
P5	100X1200X300	REINFORCED CONCRETE
	P1 P2 P3	REF SIZE P1 225x350x150dp P2 100X350X150dp P3 100X600X300dp P4 225X225X150dp

	COLUMN SCH	DULE
REF	SIZE	COMMENTS
C1	260X90X35 PFC	
C2	60X60X5 RHS	HOT ROLLED
С3	-	

N	OTES:
1.	THIS DRAWING TO BE RELEVANT ARCHITECTS SPECIFICATIONS.

E READ IN CONJUNCTION WITH ALL CTS AND ENGINEERS DRAWINGS AND

DIGITAL DATA. ONLY FIGURED DIMENSIONS TO BE USED.

EXISTING WALLS BELOW

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

	Project Title	Scale @
	55 CUMBERLAND TERRA	CE, 1:50
	LONDON	Drawing
	NW1 4HJ	S4 - SU
	Drawing Title	Project I
T	EXISTING GROUND AND FIRST FLO	OR 804
10/02/21 ISSUED FOR PLANNING		On

Michael Barclay Partnership LLP is a Limited Liability Partnership registered in England and Wales - Reg No OC 325164 - Registered address 72-78 Fleet Street London EC4Y 1HY.

GENERAL ARRANGEMENTS

8045-MBI	P-XX-01-D	R-S-0	700
Project Drawing ID			
S4 - SUITABLE F	OR STAGE APPRO	VAL	P1
Drawing Status			Revision
1:50	SEP 20	DJB	AA
Scale @ A1	Date	Drawn	Checked

ВР	Michael Barclay Partnership
	consulting engineers
	Chronicle House, 72 - 78 Fleet Street
	London EC4Y 1HY
	T 020 7240 1191
	E london@mbp-uk.com
	W mbp-uk.com

Copyright Michael Barclay Partnership LLP ② All rights described in chapter IV of the Copyright Designs and Patents Act 1988 have been generally asserted.