



LEGEND:

- EXISTING STRUCTURE TO BE RETAINED
- NEW BRICKWORK
- NEW LOAD-BEARING BLOCKWORK
- NEW STEEL BEAM & REFERENCE. REFER TO SCHEDULES FOR TYPE AND SIZE
- EXISTING STEEL BEAM. REFER TO PLANS FOR SIZES
- NEW CONCRETE PADSTONE AND REFERENCE. REFER TO SCHEDULE FOR SIZES
- NEW MASS CONCRETE UNDERPINNING CAST IN 1.0m LENGTHS TO 1-3-5-2-4 SPACING @ 400 C/S w/ 2x12mm BLY ON TOP AND NOGGINS AT THIRDS OF SPAN
- COLUMN REFERENCE. REFER TO SCHEDULES FOR TYPE AND SIZE
- NEW LINTEL & REFERENCE. REFER TO SCHEDULES FOR TYPE AND SIZE
- NEW TIMBER MEMBER. JOIST/RAFTER ETC.
- FITCH ELEMENT - REFER TO PLAN FOR SIZES
- SPAN OF EXISTING TIMBER JOISTS - REFER TO PLAN FOR SIZES
- EXISTING TIMBER JOISTS. REFER TO PLANS FOR SIZES

ABBREVIATIONS:

- SEL - STRUCTURAL SLAB LEVEL
- FEL - FINISHED FLOOR LEVEL
- TOF - TOP OF FLOOR
- TOB - TOP OF BEAM
- TOS - TOP OF STEEL
- TOW - TOP OF WALL
- TOJ - TOP OF JOIST
- WB - WALL BELOW

BEAM SCHEDULE

REF	SIZE	COMMENTS
B1	203x193x30 UKB	* DENOTES TOP R.A.TE TO SUPPORT BRICKWORK
B2	305x177x37 UKB	* DENOTES TOP R.A.TE 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	100x100P PRECAST CONCRETE LINTEL
1m TO 1.8m	100x140P PRECAST CONCRETE LINTEL
1.8m TO 2.4m	100x215P PRECAST CONCRETE LINTEL

PADSTONE SCHEDULE

REF	SIZE	COMMENTS
P1	225x350x1500p	MASS CONCRETE
P2	1000x350x1500p	MASS CONCRETE
P3	1000x600x3000p	MASS CONCRETE
P4	225x225x1500p	MASS CONCRETE
P5	1000x1200x300	REINFORCED CONCRETE

COLUMN SCHEDULE

REF	SIZE	COMMENTS
C1	260x90x38 PFC	
C2	60x60x5 RHS	HOT ROLLED
C3	-	

CONCRETE

CLASS/DESIGN	SPEC. REF.
ATED CONCRETE	E10
GENERAL	RC 22/40
IN CONTACT WITH SOIL	DS-3
MASS CONCRETE	GEN1
BUILDING	GEN1

STEEL

CLASS/GRADE	SPEC. REF.
GENERAL	S355
BOLTS	8.8

TIMBER

TYPE	CLASS/GRADE	SPEC. REF.
NEW	C24	G20
PLYWOOD	I1	G20

- NOTES:**
- REFER TO MBP'S SPECIFICATIONS AND GENERAL NOTES
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE REMAINING STRUCTURAL DRAWINGS, TRAIL FIT LISTS AND DESIGN STATEMENT
 - INSTALL STRAPS AT ALL LEVELS BETWEEN TIMBER FLOOR AND MASONRY WALLS. REFER TO DETAILS
 - EXISTING LINTELS AND SUPPORT OF INTERNAL BLOCKWORK/BRICKWORK WALLS TO BE LEFT FOR MAKING GOOD OF EXISTING SUPPORTS
 - DEMOLITION AND TEMPORARY WORKS. REINFORCEMENT DETAILING AND BENDING SCHEDULES BY OTHERS
 - CONTRACTOR TO INFORM DESIGN TEAM OF DISCREPANCIES FOUND ON SITE RELATED TO DESIGN ASSUMPTIONS
 - ALL NON STRUCTURAL WALLS AND PARTITIONS TO HAVE DEFLECTION HEADS TO UNDERSIDE OF FLOOR ABOVE
 - CONTRACTOR TO ADD NOGGINS AT THIRDS OF SPAN WHERE NON EXISTING. CONTRACTOR TO INFILL EXISTING OBSOLETE NOTCHES IN JOISTS TO BE RETAINED WITH BLOCKING AND GLUE
 - CONTRACTOR TO SURVEY ALL EXISTING WET AREAS (EG. BATHROOMS AND KITCHENS) FOR TIMBER ROT. ALLOW FOR REPLACEMENT OF 30% SURVEY JOISTS. TO BE CONFIRMED AFTER SURVEY
 - PLYWOOD TO BE SCREWED TO MAIN JOISTS WHERE LEVELING FURNISHINGS 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 SURVEY
 - CONTRACTOR TO EXECUTE TRAIL FITS TO CONFIRM FOUNDATION DEPTH AND GEOMETRY AND WATER LEVELS PRIOR TO WORKS
 - CONTRACTOR TO MAKE PROVISION TO REPAIR 30% OF EXISTING BRICKWORK WITH STANDARD REPOINTING - TO BE CONFIRMED ON SITE
 - ALL OBSOLETE NOTCHES IN JOISTS ARE TO BE INFILLED WITH SOLID BLOCKING. GLUED REFER TO TRAIL FITS FOR RULES FOR HOLES AND NOTCHING

NOTES:

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S 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.

Project Title
55 CUMBERLAND TERRACE,
LONDON
NW1 4HU

Drawing Title
PROPOSED & EXISTING
GROUND FLOOR
GENERAL ARRANGEMENTS

Scale @ A1
1:50

Date
SEP 20

Drawn
DJB

Checked
AA

Revision
P2

Project Drawing ID
8045-MBP-XX-00-DR-S-1100

Author
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Value
Level

Type
Main

Number
P2

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