EXISTING MASONRY WALLS & CHIMNEY
BREAST UNDERPINNED IN REINFORCED
CONCRETE IN A HIT & MISS SEQUENCE (1,
3, 5, 2, 4) OF MAXIMUM 1m LENGTH.

450mm DIA. CONTIGUOUS
PILED WALL, DESIGN BY
SPECIALIST PILING
CONTRACTOR.

RC CAPPING BEAM

LIGHTWELL

450mm DIA. CONTIGUOUS
PILED WALL, DESIGN BY
SPECIALIST PILING
CONTRACTOR.

RC CAPPING BEAM

300mm THK RC SLAB   200mm THK RC SLAB

EXISTING MASONRY WALLS UNDERPINNED
IN REINFORCED CONCRETE IN A HIT &
MISS SEQUENCE (1, 3, 5, 2, 4) OF
MAXIMUM 1m LENGTH.

PRELIMINARY STRUCTURE OF
GROUND FLOOR EXTERNAL
TERRACE DESIGN BASED OF
SOIL WEIGHT OF 900mm AND
LIVE LOAD OF 5kN/m².

FFL +0.000

SSL -1.500   FFL +0.000

SSL -0.900

LEVELS & SETTING-OUT
TO BE CONFIRMED & TO
ARCHITECT'S DETAILS.

SITE INVESTIGATION & OPENING-UP
WORKS OF THE EXISTING BUILDING
TO BE DONE IN THE NEXT STAGE OF
WORKS TO CONFIRM THE EXISTING
WALLS & FLOORS.

EXISTING MASONRY WALLS & CHIMNEY
BREAST UNDERPINNED IN REINFORCED
CONCRETE IN A HIT & MISS SEQUENCE
(1, 3, 5, 2, 4) OF MAXIMUM 1m LENGTH.

STEEL BEAM SCHEDULE		
REF	SIZE	COMMENTS
B1	533 x 210 x 82 UB	
B2	533 x 210 x 101 UB	
B3	254 x 146 x 37 UB	
B4	254 x 254 x 73 UC	
B5	254 x 254 x 107 UC	
B6	356 x 171 x 67 UB	
B7	305 x 305 x 118 UC	
B8	457 x 152 x 82 UB	

RC BEAM SCHEDULE		
REF	SIZE	COMMENTS
RCB1	250 WIDE RC DOWNSTAND BEAM	TBC IN STAGE 3/4
RCB2	350 WIDE RC DOWNSTAND BEAM	TBC IN STAGE 3/4

STEEL COLUMN SCHEDULE		
REF	SIZE	COMMENTS
C1	254 UC STEEL COLUMN	TBC IN STAGE 3/4
C2	152 UC STEEL COLUMN	TBC IN STAGE 3/4

WALL SCHEDULE		
REF	SIZE	COMMENTS
W1	250mm RC WALL	TBC IN STAGE 3/4
W2	300mm RC WALL	TBC IN STAGE 3/4

LEGEND:

NEW REINFORCED CONCRETE STRUCTURE

EXISTING STRUCTURE TO BE RETAINED

NEW BRICKWORK

NEW LOADBEARING BLOCKWORK

B1   NEW STEEL BEAM & REFERENCE.
     REFER TO SCHEDULES FOR TYPE AND SIZE

L1   NEW LINTEL & REFERENCE.
     REFER TO SCHEDULES FOR TYPE AND SIZE

STEP IN LEVEL

TWO-WAY SPAN OF RC SLAB.
REFER TO LAYOUTS FOR DEPTH

ONE-WAY SPAN OF 250mm DEEP RC
SLAB.

SPAN OF GRADE C24 TIMBER JOISTS

SPAN OF GRADE C24 TIMBER RAFTERS

SPAN OF 150mm DEEP CONCRETE ON
COMFLOR 80/1.2/S350 DECKING WITH
A252 TOP MESH

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

SCALE 1:100   0m 1m   5m   10m

P02	20/08/24	GF TERRACE CHANGED TO RC SLAB. PRELIM. SIZE OF GROUND FLOOR STEELS ADDED. SCHEDULE UPDATED.	NM
P01	26/07/24	PRELIMINARY ISSUE FOR PLANNING	NM
Rev	Date	Description	By

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.