SCHEDULE OF MEMBERS	
Ref.	Member
J1	47 x 220 C24 @ 400
J2	47 x 147 C24 @ 600
T1	2No. 47 x 225 C24, M12 Gr.8.8 BOLTS @ 600
T2	2No. 47 x 225 C24, M12 Gr.8.8 BOLTS @ 600
TB	72 x 220 C24, HILTI HIT HY 270 M12 bolts @ 400crs. Min. 110 EMBEDMENT
B1	305 x 165 @ 54kg UB
B2	203 x 203 @ 46kg UC
B3	305 x 165 @ 54kg UB
B4	72 x 172 C24
HB1	152 x 152 @ 46kg UC
P1	100 x 100 x 5 SHS
P2	200 x 200 C24

NOTES
IN ALL INSTANCES, TIMBER WALLPLATES ON STEELWORK TO BE Min.100 x 75 TREATED C16 AND TO BE PLACED ON STEELWORK TO ENSURE Min. EDGE DISTANCE BETWEEN BOLTED FIXING AND EDGE OF WALLPLATE OF 30mm.

REBUILT LEAN-TO
DRG. REF5078-BRP-XX-XX-M2-C-0014

EXTERNAL CANOPY
DRG. REF5078-BRP-XX-XX-DR-C-0020

NEW R/C ROOF
DRG. REF. 5078-BRP-XX-XX-DR-C-0021

RE-BUILT AREA
DRG. REF.DRG. 5078-BRP-XX-XX-DR-C-0022

EXTERNAL STAIRCASE
DRG. REF5078-BRP-XX-XX-M2-C-0019

SLIDING WALL FRAME
DRG. REF5078-BRP-XX-XX-DR-C-0023

REF.DRG. 5078-BRP-XX-XX-DR-C-0022, DETAIL 11

REF.DRG. 5078-BRP-XX-XX-DR-C-0022, DETAIL 01 & 02

REF.DRG. 5078-BRP-XX-XX-DR-C-0022, DETAIL 07 & 08

REF.DRG. 5078-BRP-XX-XX-DR-C-0022, DETAIL 09 & 010

REF.DRG. 5078-BRP-XX-XX-DR-C-0022, DETAIL 12

REF.DRG. 5078-BRP-XX-XX-DR-C-0022, DETAIL 05 & 06

REF.DRG. 5078-BRP-XX-XX-DR-C-0022, DETAIL 03 & 04

Void.

Lintel

2516 2600 2600 1945

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BLOCKWORK
ALL BLOCKWORK TO BE MANUFACTURED IN ACCORDANCE WITH BS EN 771-3. ALL BLOCKWORK TO HAVE Min. COMP. STRENGTH OF 7.3N/mm². MORTAR TO BE MINIMUM DES iii. CEM III/A +SR TO BS 8500. ALL BLOCKWORK BENEATH DPC TO HAVE A MINIMUM DESNITY OF 1500Kg/m³

BRICKWORK
ALL BRICKWORK TO BE TO BS EN 771-1, WITH A Min. COMP. STRENGTH OF >10N/mm². MORTAR TO BE MINIMUM DES iii.

WALL TIES
ALL WALL TIES TO BE STAINLESS STEEL TYPE ii TO DD140, ANCON OR EQUAL BBA APPROVED.

@ 750 c/c HORIZONTALLY
@ 450 c/c VERTICALLY
@ 225 c/c VERTICALLY WITHIN 225 OF JAMBS & VERGES

KEY

- NEW NON-LOADBEARING PARTITIONS
- EXISTING STRUCTURE
- 102.5 WIDE BRICKWORK AS SPECIFIED
- 100 SOLID BLOCKWORK AS SPECIFIED.
- 140 WIDE BLOCKWORK AS SPECIFIED.
- 215 WIDE BLOCKWORK AS SPECIFIED
- LRS — DENOTES LATERAL RESTRAINT STRAP TO FLOOR OR ROOF@ Max. 1.25m CTRS.
- RB01 — DENOTES STRUCTURAL MEMBER
- P1 — DENOTES SUPPORTING POST/WINDPOST
- DENOTES DIRECTION OF SPAN
- MJ — LOCATION OF MOVEMENT JOINT

NOTES

DO NOT SCALE FROM THIS DRAWING IF IN DOUBT ASK

ALL LEVELS IN METRES UNLESS NOTED OTHERWISE ON DRAWING.

ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE ON DRAWING

ALL SETTING OUT, LEVELS & GENERAL BUILDERS DETAILS TO BE CONFIRMED BY OTHERS.

ALL TEMPORARY WORKS TO BE DESIGNED & DETAILED BY THE CONTRACTOR.

SHORING/PROPPING ARRANGEMENTS TO BE ADEQUATE TO SUPPORT ALL APPLIED LOADS AND CONSIDERATION GIVEN TO THE ADJACENT STRUCTURE IN THE TEMPORARY CONDITION.

MIN. 100mm END BEARINGS FOR STEEL AND TIMBER BEAMS, UNLESS OTHERWISE NOTED. MIN. 150mm END BEARINGS FOR CAVITY (IG) AND PRE-STRESSED CONCRETE LINTELS, UNLESS NOTED OTHERWISE.

ALL STRUCTURAL STEELWORK FABRICATION & ERECTION TO BE IN ACCORDANCE WITH THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION (NSSS) FOR BUILDING CONSTRUCTION - 5TH EDITION, CE MARKING VERSION.

ALL HOT ROLLED STEELWORK MATERIAL TO BE GRADE S355 : JR TO BS EN ISO 10025. EXECUTION CLASS EXC2

ALL BOLTS TO BE GRADE 8.8 AND GALVANISED.

ALL GROUT BENEATH BASEPLATES & STEEL BEAMS TO BE FLOWSET 690 (BY EVERBUILD, TEL. 0113 2402424, OR EQUAL APPROVED).

ALL STEELWORK TO BE LINED, LEVELLED & GROUTED PRIOR TO CONSTRUCTING ADJACENT WALL PANELS, CLADDING ETC.

ALL FIRE PROTECTION TO NEW STRUCTURE TO BE SPECIFIED BY OTHERS.

INTERNAL STEELWORK TO BE BLAST CLEANED TO ISO SA. 2½ AFTER FABRICATION AND RECEIVE MINIMUM DFT OF 80 MICRONS OF A SUITABLE EPOXY ZINC PHOSPHATE PRIMER (E.G. INTERGARD 251, BY CROMADEX, TEL. 0161 848 7056). FINAL FINISH TO BE CONFIRMED BY ARCHITECT. ALL TO BS5493 U.N.O. ON DRAWINGS. STEELWORK IN CAVITIES SHALL RECEIVE ADDITIONAL COAT OF BITUMEN PAINT (E.G. INTERTUF 16 BITUMEN, BY CROMADEX, TEL. 0161 848 7056).

EXTERNAL STEEWORK (INCLUDING STEELWORK WITHIN 25mm OF EXTERNAL LEAF) TO BE GALVANISED, UNLESS NOTED OTHERWISE. STEELWORK TO BE BLAST CLEANED TO ISO SA. 2½ WITH G24 ANGULAR IRON GRIT AFTER FABRICATION, AND GALVANISED IN ACCORDANCE WITH BS EN 1461 & BS EN 14713. STEEL MEMBERS WITH PLATE THICKNESS LESS THAN 6mm TO HAVE 100 MICRONS & STEEL MEMBERS WITH PLATE THICKNESS GREATER THAN 6mm TO HAVE 140 MICRONS.

ALL ROOFS TO BE STRAPPED TO EXTERNAL WALL PANELS IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS & BRITISH STANDARDS.

ALL TIMBER TO TIMBER CONNECTIONS TO BE FORMED USING SUITABLE STEEL BRACKETS, CLIPS, HANGERS ETC, INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION (BY SIMPSON STRONG-TIE, TEL. 01827 255600, OR EQUAL APPROVED), UNLESS NOTED OTHERWISE.

MULTIPLE TIMBERS FORMING PRINCIPAL SUPPORT BEAMS (E.G. TRIMMERS) TO BE BOLTED TOGETHER WITH M12 (GR8.8) BOLTS @ MAXIMUM 600mm ALONG THE SPAN UNLESS NOTED OTHERWISE.

PRINCIPAL STRUCTURAL TIMBERS TO HAVE TRADITIONAL HALVING JOINTS ABOVE INTERNAL SUPPORTS UNLESS NOTED OTHERWISE.

ALL PADSTONES TO BE Min. 440 x 215 x 100, 20N/mm²

ALL DRAINAGE, INSULATION, TANKING (WATERPROOFING) & SERVICE DUCT DETAILS TO BE CONFIRMED BY OTHERS.

NOT FOR CONSTRUCTION

SUITABILITY	REV	DATE	DESCRIPTION	Org	Ch'd	App'd	Auth.
S2	P01	18.10.24	FIRST ISSUE				

PROJECT TITLE:
THE MINER'S RESCUE STATION

DRAWING TITLE:
GROUND FLOOR
SUPERSTRUCTURE

DRAWING REF:
5078-BRP-XX-XX-DR-C-0017

ORIGINATOR:	DATE:	SCALE @ A1:	SUITABILITY:	REVISION:
D.P.	18.10.24	1:50	S2	P01

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