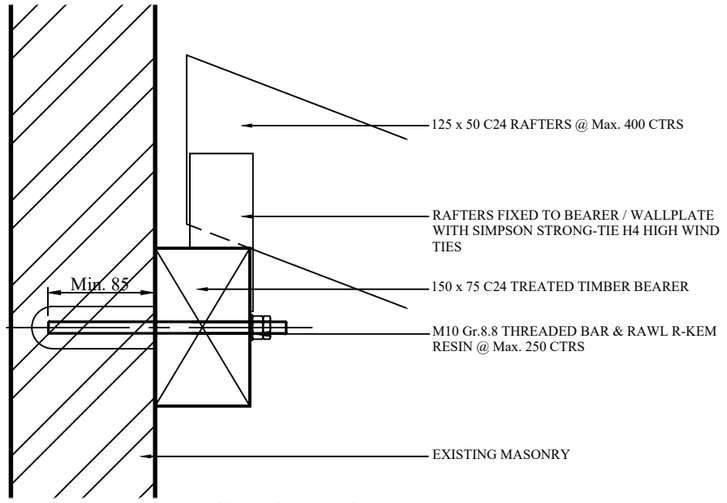
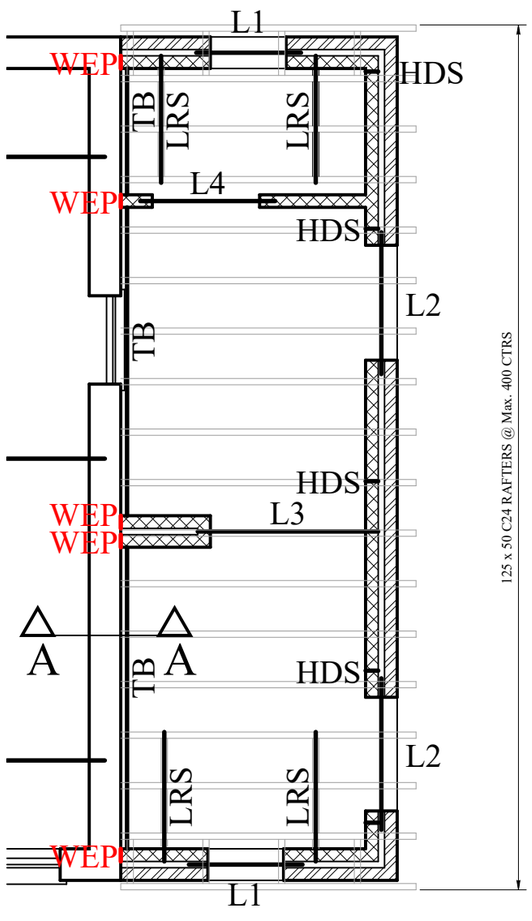


SECTION A-A
TYP. TIMBER BEARER DETAIL
1:5



GROUND FLOOR PLAN
1:50

NOTES

1. DO NOT SCALE FROM THIS DRAWING - IF IN DOUBT ASK

2. ALL LEVELS IN METERS UNLESS NOTED OTHERWISE ON DRAWING.

3. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE ON DRAWING

4. ALL SETTING OUT, LEVELS & GENERAL BUILDERS DETAILS TO BE CONFIRMED BY OTHERS, PRIOR TO ORDERING OF MATERIALS / ITEMS, OR FABRICATING ANY COMPONENTS

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

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

7. 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.

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

9. ALL HOT ROLLED STEELWORK MATERIAL TO BE GRADE S275 : JR TO BS EN ISO 10025. EXECUTION CLASS EXC2

10. ALL BOLTS TO BE GRADE 8.8 AND GALVANISED.

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

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

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

14. 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).

15. 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.

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

17. 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.

18. 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.

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

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

21. ALL NEW WALLS TO BE CENTRAL ON EXISTING CONCRETE STRIP FOUNDATIONS

22. ALL UNREINFORCED CONCRETE TO BE C20/GEN 3

23. 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.

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

25. WALL TIES - ALL WALL TIES TO BE STAINLESS STEEL TYPE ii TO DD140, ANCON OR EQUAL BBA APPROVED. @ 900 c/c HORIZONTALLY, @ 450 c/c VERTICALLY, @ 225 c/c VERTICALLY WITHIN 225 OF JAMBS VERGES

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

KEY

	102.5 WIDE BRICKWORK S AS SPECIFIED
	100 WIDE SOLID DENSE CONCRETE BLOCKWORK AS SPECIFIED
	140 WIDE SOLID DENSE CONCRETE BLOCKWORK AS SPECIFIED
	215 WIDE SOLID DENSE CONCRETE BLOCKWORK AS SPECIFIED
LRS	DENOTES LATERAL RESTRAINT STRAP TO FLOOR OR ROOF
RB01	DENOTES STRUCTURAL MEMBER
	DENOTES SPAN DIRECTION OF STR. ELEMENT ABOVE
MJ	DENOTES MOVEMENT JOINT
HDS	HOLDING DOWN STRAP AS SPECIFIED
WEP	WALL EXTENSION PROFILE AS SPECIFIED

NOT FOR CONSTRUCTION

SUITABILITY	REV	DATE	DESCRIPTION	Org.	Chk'd	App'd	Auth.
S1	P01	23.09.24	ADDITIONAL INFORMATION SHOWN				
S2	P01	21.08.24	FIRST ISSUE				

PROJECT TITLE:

MINERS RESCUE CENTRE

DRAWING TITLE:

LEAN-TO CONSTRUCTION

DRAWING REF:

5078-BRP-XX-XX-DR-C-0014

ORIGINATOR:	DATE:	SCALE @ A1:	SUITABILITY:	REVISION:
I.G	21.08.2024	1:5,1:50	S2	P02

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