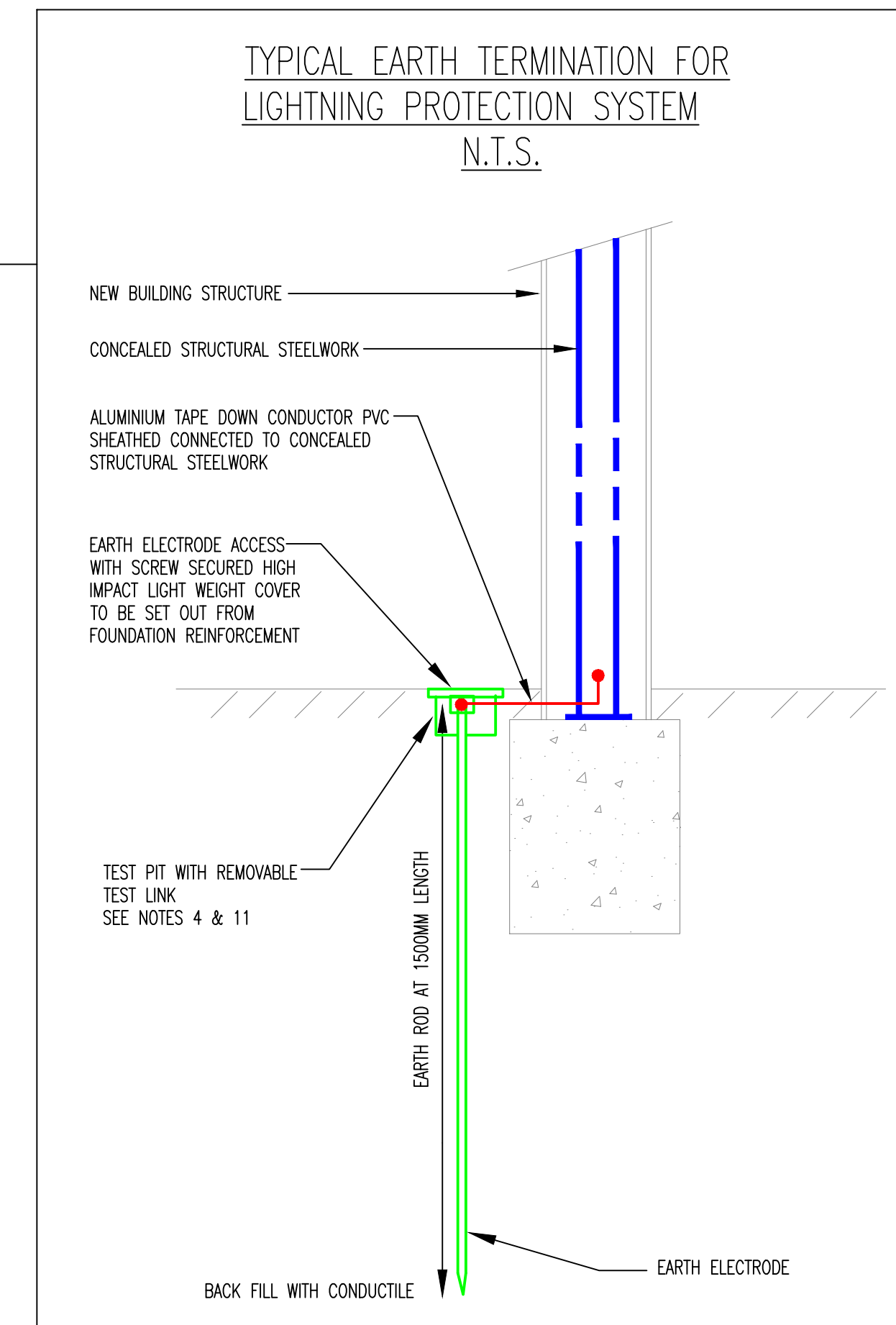
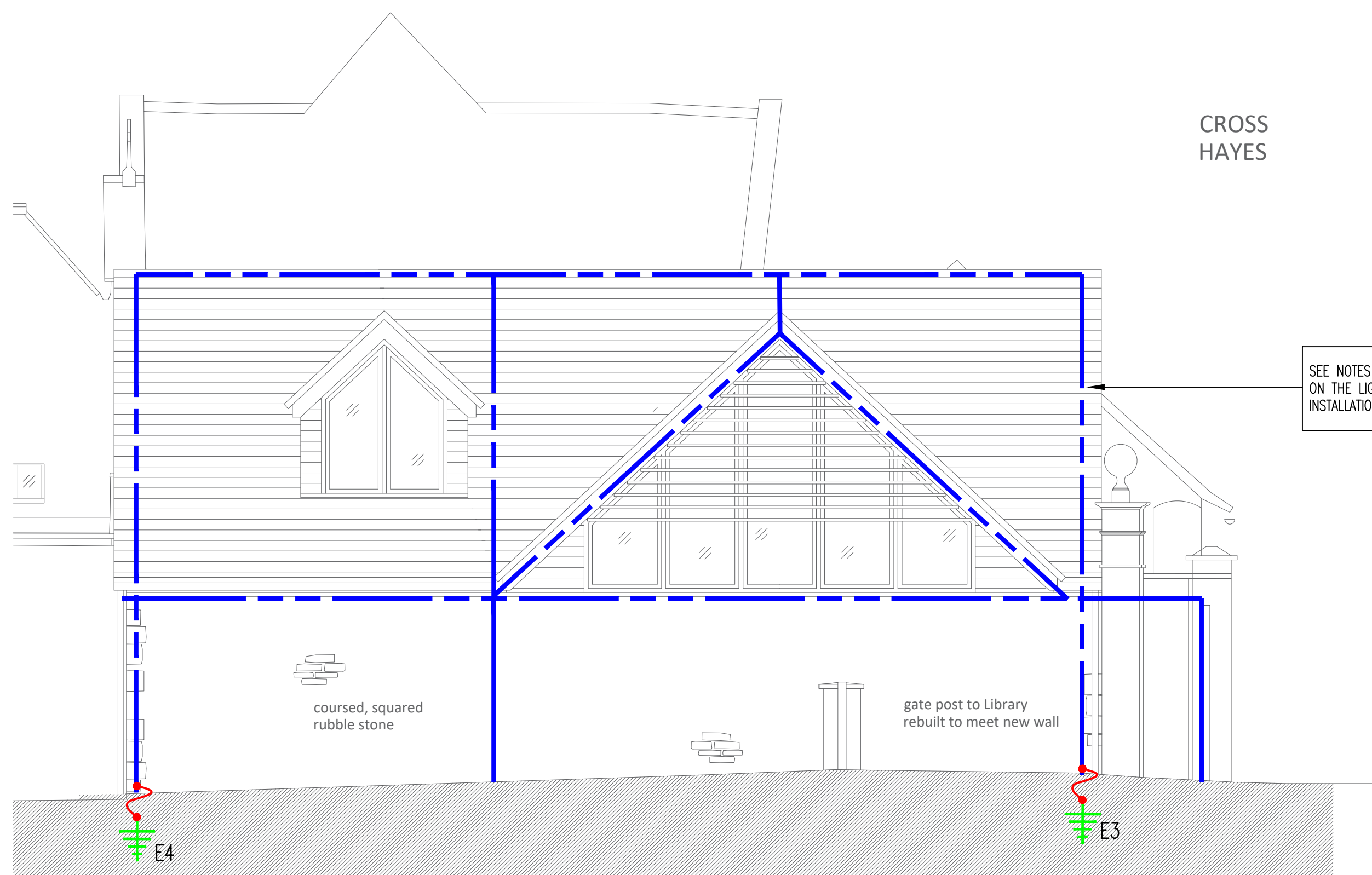


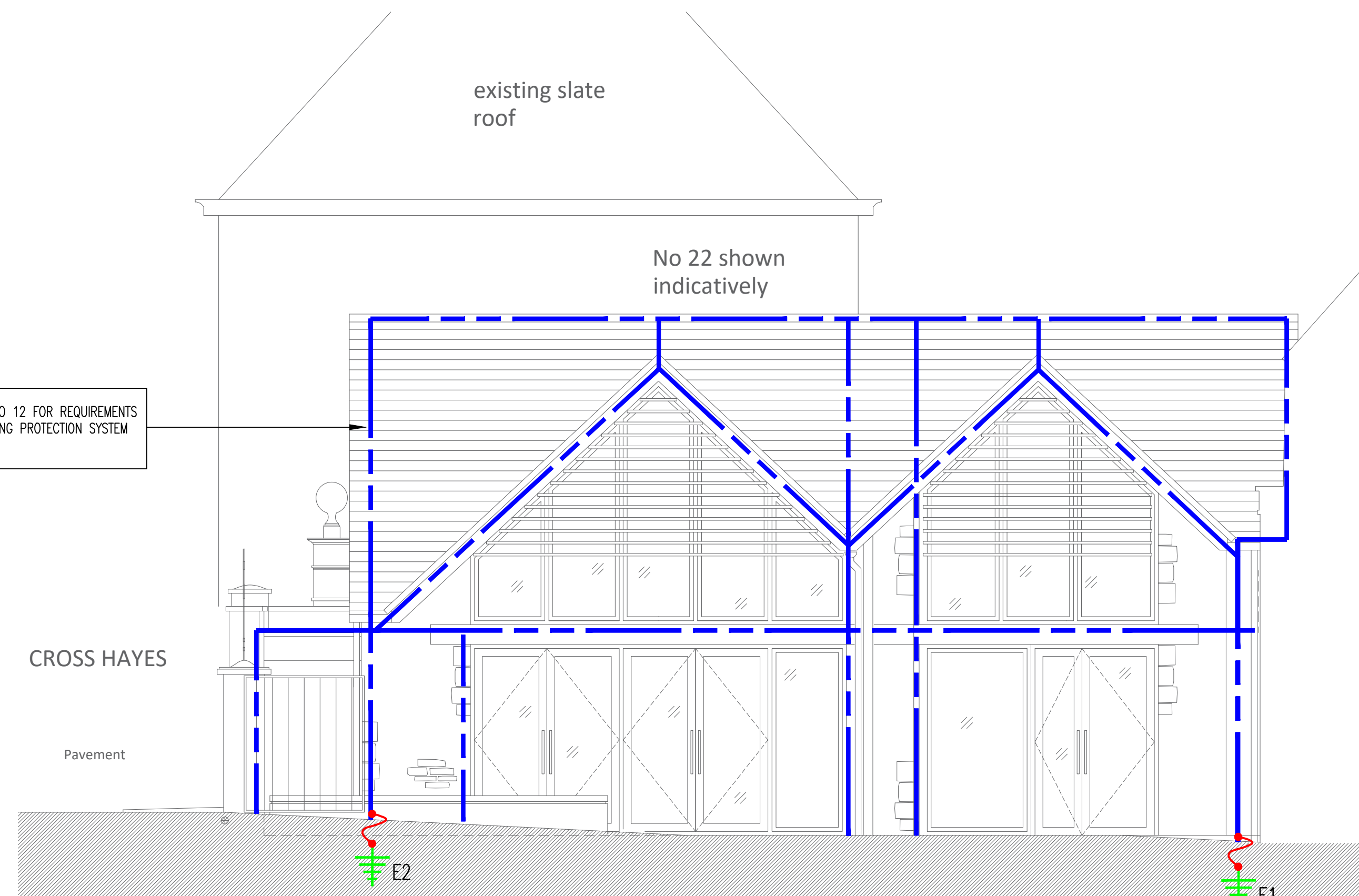
ROOF PLAN AND STRUCTURAL STEEL WORK



- NOTES
1. SCALED INSTALLATION DIMENSIONS MUST NOT BE TAKEN FROM THIS DRAWING.
 2. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS AND INFORMATION PREPARED BY THE ARCHITECT AND OTHER CONSULTANTS
 3. ANY DISCREPANCY ON THIS DRAWING MUST BE REFERRED TO THE SUPERVISING OFFICER AND CLARIFICATION OBTAINED BEFORE COMMENCEMENT OF WORK.
 4. THE SYSTEM SHALL CONSIST OF 25mm x 3mm UPVC COLOUR COATED ALUMINIUM CONDUCTOR TAPES CONNECTED TO THE EARTH RODS IN THE TEST PITS AND BONDED TO THE STRUCTURAL STEEL WORK AT LOW LEVEL.
 5. THE SYSTEM SHALL CONSIST OF 25mm X 3mm UPVC COLOUR COATED ALUMINIUM CONDUCTOR TAPES BONDED TO THE STRUCTURAL STEEL WORK AT ROOF LEVEL RUN BETWEEN THE NATURAL SLATE TILES AND SUPPORTING BATTENS/ROOF FELT.
 6. FLAT STRIKE PLATES SHALL BE MOUNTED ON THE ROOF TILES AND CONNECTED TO THE CONCEALED ALUMINIUM TAPE BELOW. STRIKES PLATES SHALL BE PROVIDED TO THE EAVES, RIDGE AND APEX OF THE ROOF AT 5M INTERVALS AND PAINTED TO MATCH THE FINISH OF THE NATURAL SLATE TILES.
 7. ROOF FIXINGS TO BE OF APPROVED TYPE AND CONCEALED BELOW THE NATURAL SLATE ROOF.
 8. WATER TIGHT SEALS TO BE PROVIDED BETWEEN THE EXPOSED STRIKE PLATES AND CONCEALED ALUMINIUM TAPE AT ROOF LEVEL.
 9. THE SYSTEM SHALL BE TO CLASS 4 MESH REQUIREMENT.
 10. ALL EXTRANEOUS METALWORK SHALL BE CROSS BONDED TO THE SYSTEM.
 11. INSPECTION PITS SHALL BE HIGH IMPACT LIGHTWEIGHT CHAMBERS WITH SCREW SECURED REMOVAL GREY LIDS MADE FROM HIGH PERFORMANCE POLYMER AND WITH INTEGRAL EARTH BAR. LOAD RATED TO 5000KG
 12. REFER TO THE ELECTRICAL DRAWING 24/1998/E/101 FOR LOCATION OF THE POWER AND DATA SYSTEMS OF DISTRIBUTION.
- LEGEND
- E HIGH IMPACT LIGHTNING PROTECTION TEST CHAMBER CONNECTED TO STRUCTURAL STEELWORK
 - 25MM X 3MM PERIMETER ALUMINIUM TAPE WITH PVC SHEATH CONNECTED TO STRUCTURAL STEELWORK AT LOW LEVEL
 - MAIN DISTRIBUTION BOARD DB1
 - INDICATIVE LAYOUT OF CONCEALED STRUCTURAL STEELWORK



NORTH ELEVATION OF THE PROPOSED BUILDING AND STRUCTURAL STEEL WORK



SOUTH ELEVATION OF THE PROPOSED BUILDING AND STRUCTURAL STEEL WORK

—	02.10.24	TENDER ISSUE
REV	DATE	NOTES
PROJECT TITLE		
ST ALDHELM'S CHURCH NEW PARISH HALL		
DRAWING TITLE		
PROPOSED LIGHTNING PROTECTION SYSTEM LAYOUT ROOF		
DRAWING NUMBER		REVISION
24/1998/E/04		
BASED ON BUILDING OUTLINE REF: CHEDBURN C000 2220/52P		
TENDER ISSUE		

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