

CONCEPT STRUCTURAL SCHEME

NEW STRUCTURE - ALTERATION WORKS

- A** New steel post within replacement masonry pier
 - B** New steel beam
 - C** Sheathed timber stud wall
 - D** New steel eaves beam
 - E** New steel floor beam
- ↔ New timber floor joists as noted on plan

INSPECTION, REMEDIAL AND REPAIR WORKS

The following is given as a guide to remedial works for tender purposes only, the contractor should undertake a site visit to satisfy themselves of the extent of works as part of the tender process.

TIMBER MATERIAL CONDITION

Material condition of all existing timber members along with condition of timber purlins, beams and joist end bearings into masonry walls or pockets into spine beam to be examined once all finishes are removed. Extent of any decay to be established prior to confirming suitable repair or replacement like for like. Condition of timber purlin, beam and joist end bearings / pockets into spine beam to be examined, repair as necessary. Example solutions indicated are to be confirmed at construction stage.

MASONRY CONSOLIDATION

All existing loadbearing masonry elements are to be examined for material defect - replace with similar units and mortar type ensuring all voids are filled / consolidated.

Ensure to consolidate masonry under bearings of structural members

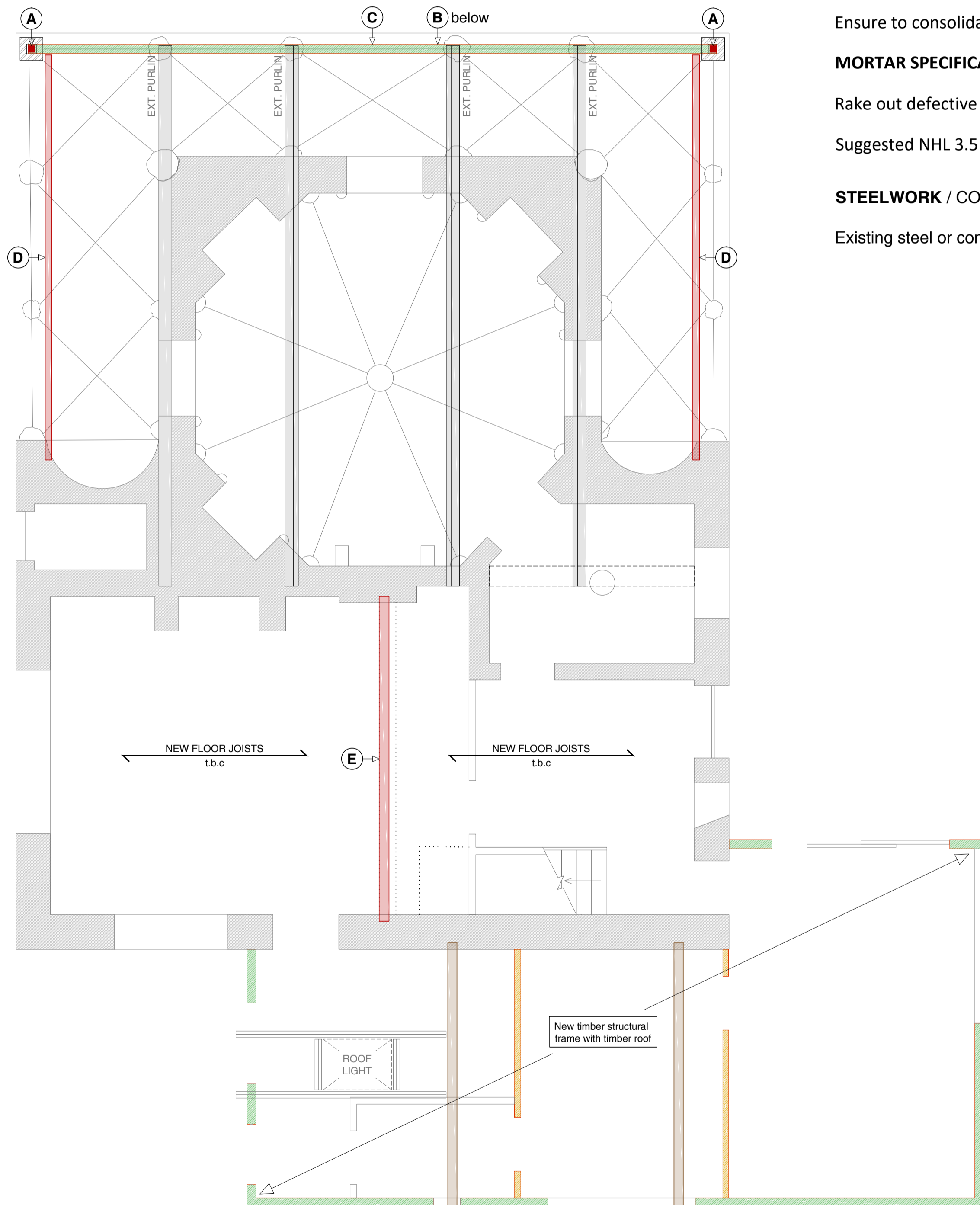
MORTAR SPECIFICATION

Rake out defective mortar and re-point in lime base mortar to match existing

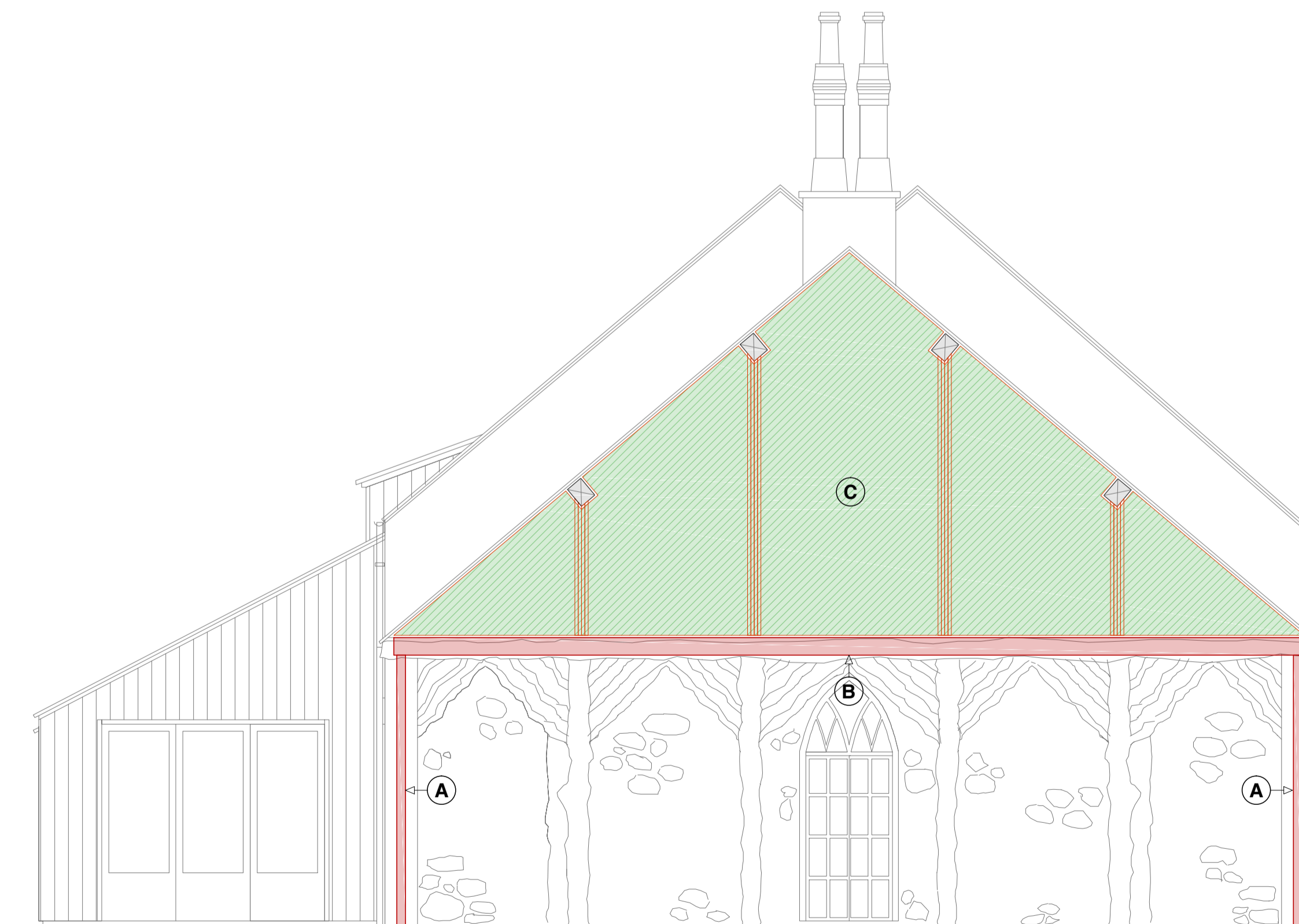
Suggested NHL 3.5

STEELWORK / CONCRETE

Existing steel or concrete elements are to be examined for material defect or replaced.



FIRST FLOOR STRUCTURAL ARRANGEMENT
SHOWING GROUND FLOOR WALLS UNDER



GABLE ELEVATION

INITIAL ISSUE			
INITIAL ISSUE DRAWING ISSUED FOR DISCUSSION AND COMMENT ONLY - INFORMATION NOT TO BE USED FOR CONSTRUCTION PURPOSES			
TENDER ISSUE DRAWING ISSUED FOR COSTING ONLY - INFORMATION NOT TO BE USED FOR CONSTRUCTION PURPOSES			
BUILDING REGS ISSUE DRAWING TO BE INCLUDED IN THE BUILDING REGULATION CONTRACT DOCUMENTS AND SUBMITTED TO BUILDING CONTROL			
CONSTRUCTION ISSUE DRAWING TO BE USED BY THE RELEVANT CONTRACTOR ON SITE FOR CONSTRUCTION PURPOSES			
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