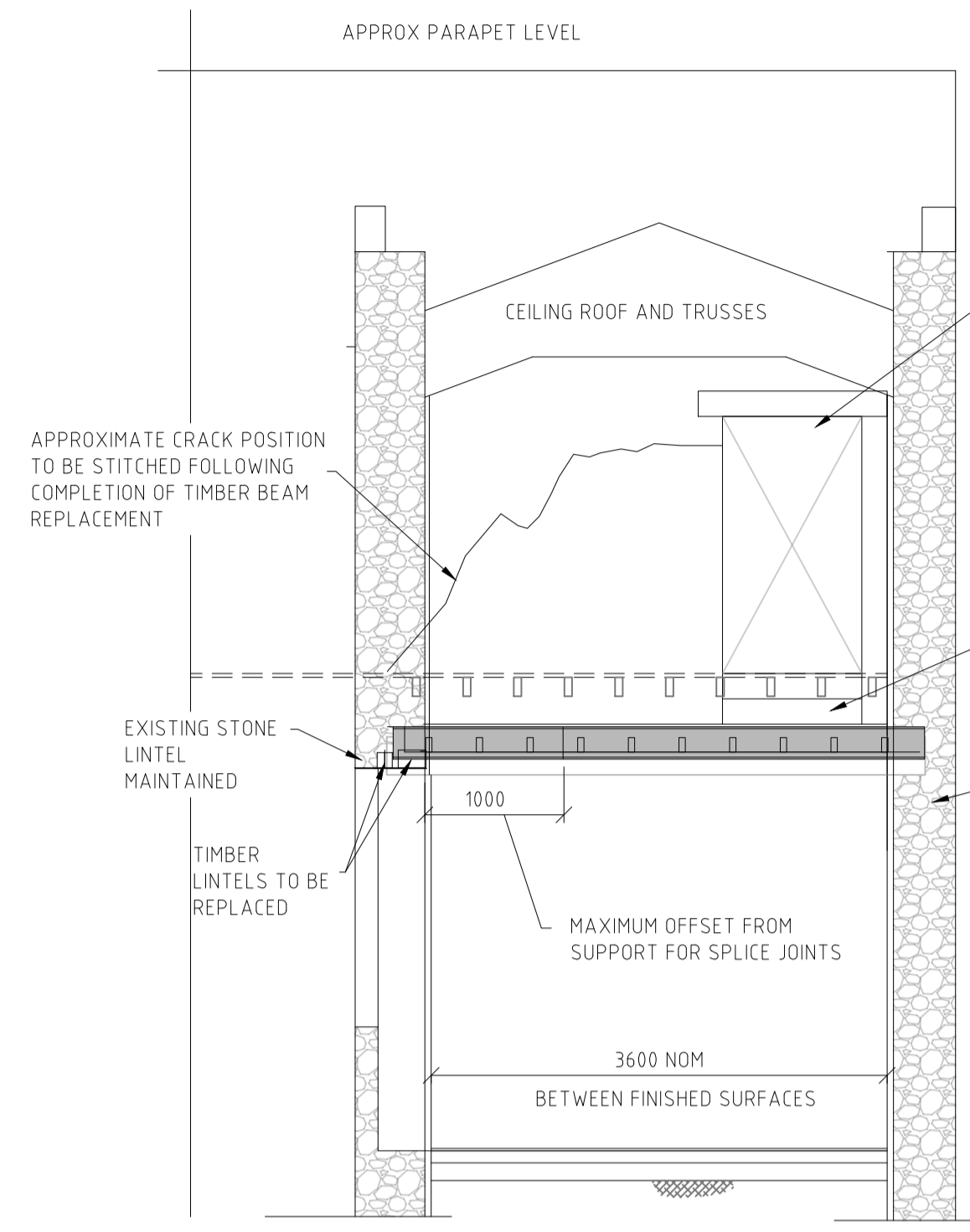
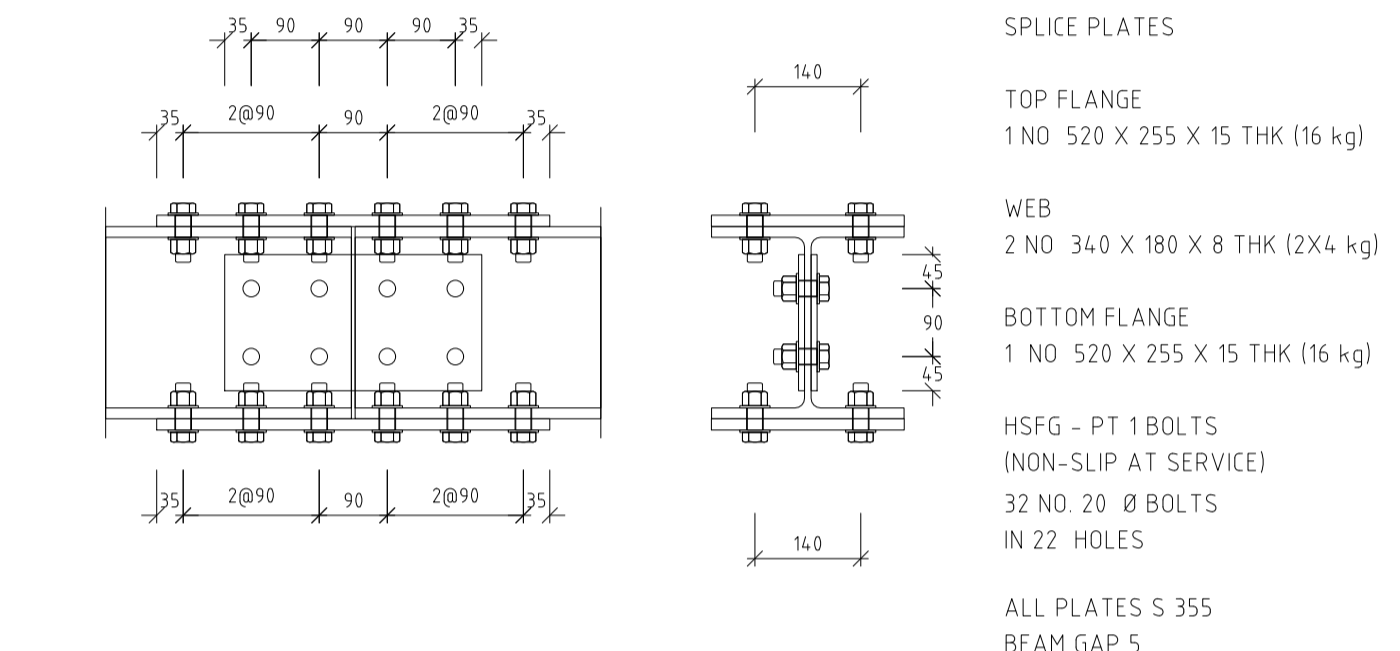


SECTION A
1:50

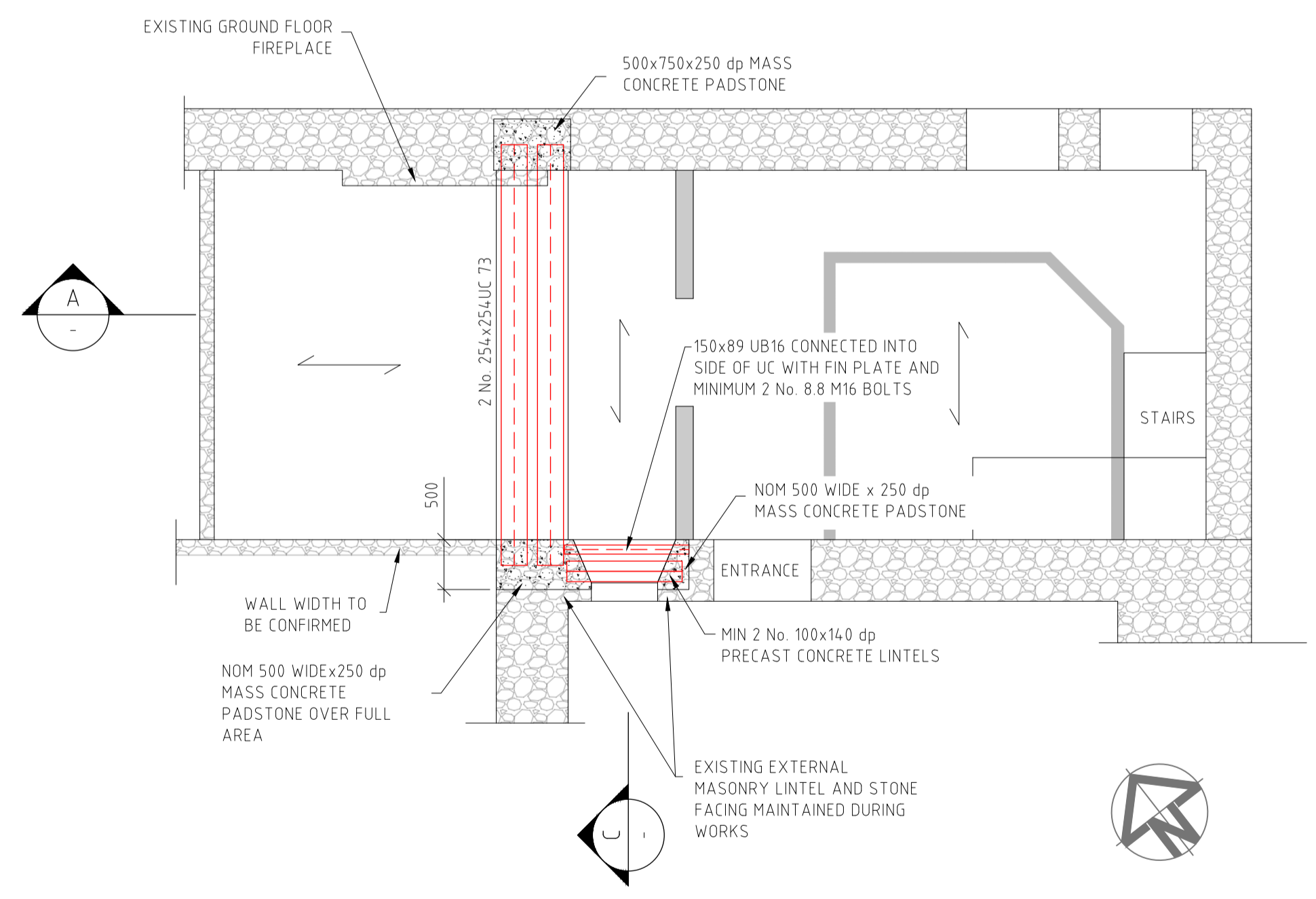


SECTION C
1:50

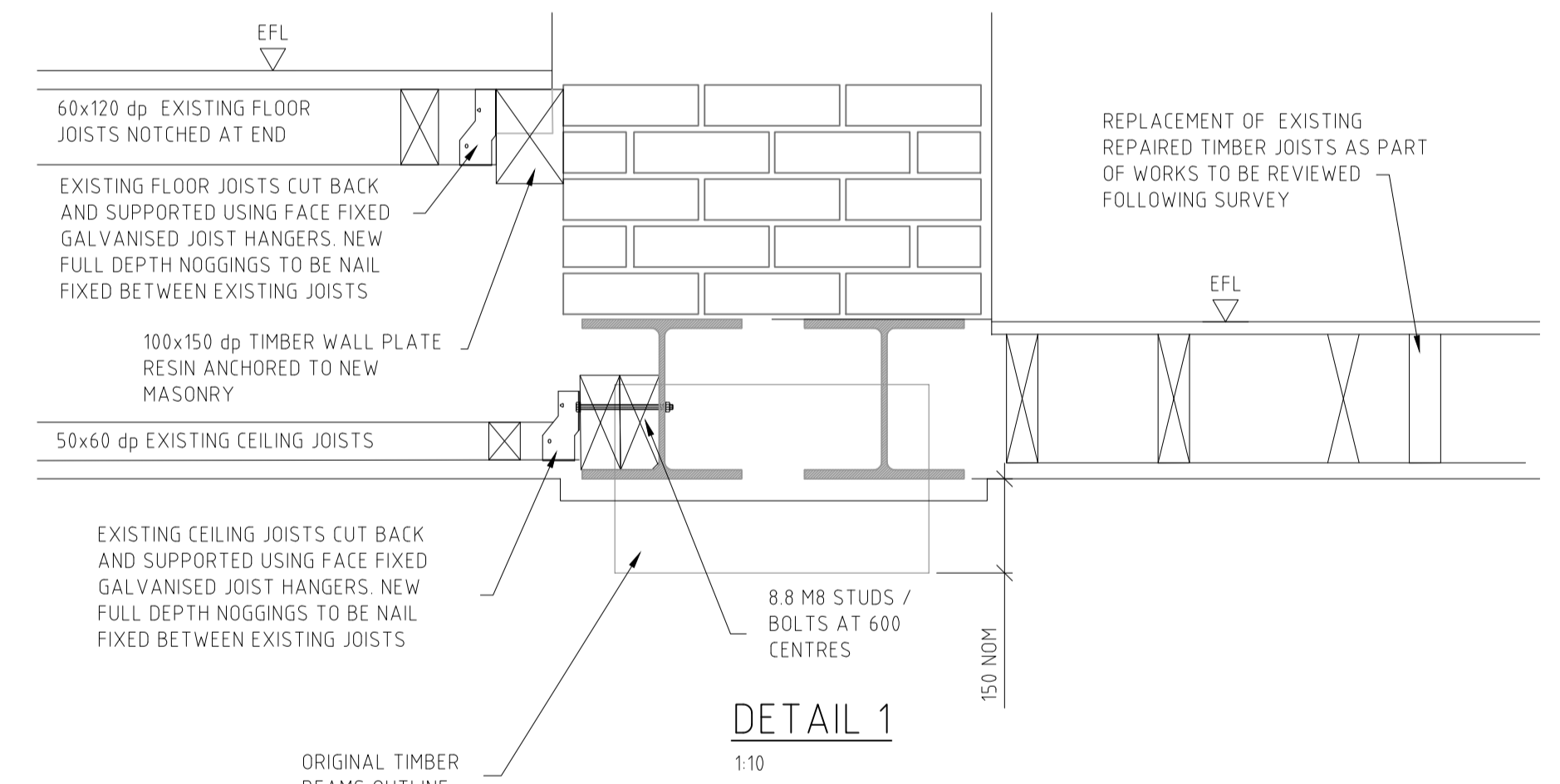


SUGGESTED SPLICE DETAIL
1:10

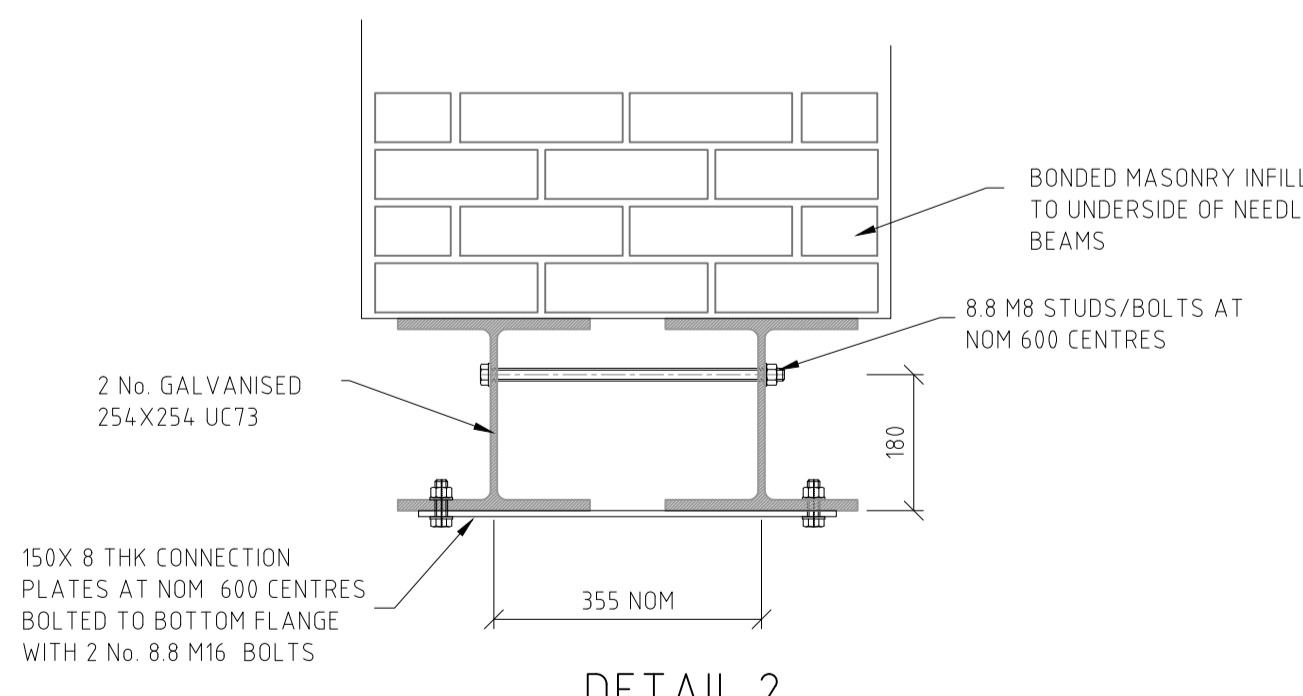
- NOTES**
- GENERAL**
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM.
 - DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
 - DRAWING TO BE READ WITH TEMPORARY WORKS DRAWING 17449-110 AND SUGGESTED CONSTRUCTION SEQUENCE.
- STEELWORK**
- ALL STRUCTURAL STEELWORK TO BE MIN GRADE S355 DESIGNED TO EUROCODE 3 (BS EN1993).
 - ALL SECTIONS TO BE HOT ROLLED, MANUFACTURED AND CE MARKED TO EXECUTION CLASS EXC2 IN ACCORDANCE WITH BS EN 1090 PART 1 AND PART 2 AND IN ACCORDANCE WITH THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BUILDING CONSTRUCTION.
 - FABRICATOR TO TAKE ALL NECESSARY SITE DIMENSIONS TO ENSURE PROPER FIT OF PARTS AND LIAISE WITH THE CONTRACTOR REGARDING OVERALL COORDINATING DIMENSIONS.
 - FABRICATION DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR COMMENT ALLOWING MINIMUM 5 WORKING DAYS FOR RETURN OF COMMENTS.
 - ALL CONNECTIONS TO HAVE MINIMUM 2No. GRADE 8.8 M16 BOLTS.
 - SPLICE CONNECTIONS TO USE HSFG BOLTS WITH SECTION AND PLATE SURFACES SUITABLY PREPARED. BOLTS TO BE TORQUED TO RECOMMENDED LEVEL.
 - CORROSION PROTECTION OF STEELWORK (INCLUDING STEELWORK IN EXTERNAL SOLID WALLS OR EXPOSED TO WALL CAVITY) SUBJECT TO MOISTURE BUILD UP I.E. CONDENSATION FORMATION TO BE HOT DIP GALVANISING BLAST CLEAN TO BS EN ISO 8501-1:2007, PREP GRADE Sa2.5 USING CHILLED ANGULAR IRON GRIT TO GIVE COARSE SURFACE PROFILE FOLLOWED BY CHEMICAL CLEANING. HOT DIP GALVANISE TO BS EN ISO 1461:2009. GALVANISING CONTRACTOR SHALL BE MEMBER OF THE GALVANISERS ASSOCIATION.
 - ALL FIXINGS TO BE GALVANISED IN ACCORDANCE WITH BS 7371-6:1998+A1:2011. ALL NUTS TO BE TAPPED AFTER GALVANISING.
 - FIRE PROOFING TO BE AGREED BETWEEN CONTRACTOR AND LOCAL AUTHORITY BUILDING CONTROL ON SITE.
- TIMBER**
- MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH BS EN 1995 (EC5).
 - UNLESS NOTED OTHERWISE, ALL TIMBER TO BE STRENGTH CLASS C24 SOFTWOOD.
 - IN THE ABSENCE OF SPECIFIED CONNECTIONS, TIMBER TO BE SUITABLY CONNECTED BY ADEQUATE NAILING OR SCREWING. ALL STEEL PARTS TO BE GRADE 304 STAINLESS STEEL OR HOT DIPPED GALVANIZED.
 - TIMBER ON SITE TO BE STORED IN SUCH A WAY AS TO KEEP IT DRY. END GRAIN TO BE SEALED WITH CLEAR END GRAIN SEALER BEFORE DELIVERY TO SITE.
 - ALL TIMBER TO BE VACUUM TREATED WITH APPROVED PRESERVATIVE.



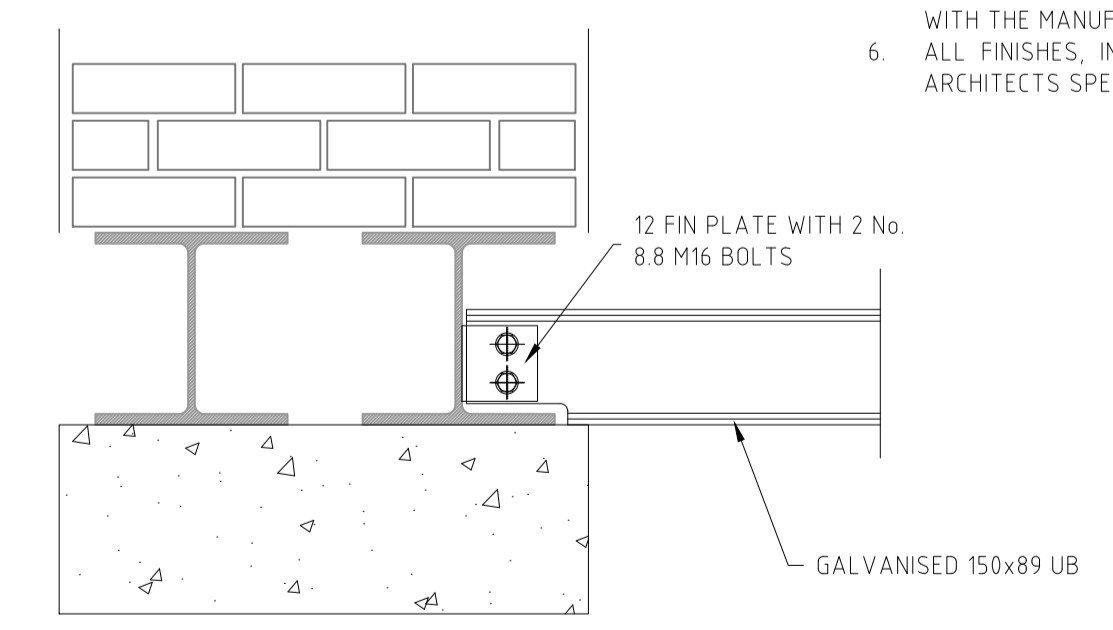
FIRST FLOOR PLAN
1:50



DETAIL 1
1:10



DETAIL 2
1:10



DETAIL 3
1:10

- PRECAST CONCRETE LINTELS**
- PRECAST LINTELS TO BE SUPPLIED IN ACCORDANCE WITH BS EN 845-2:2013-A1:2016.
- MINIMUM 150 BEARING LENGTH REQUIRED ON PADSTONES
- MASONRY**
- REMOVE EXISTING FINISHES AT SITE OF WORK TO EXPOSE EXISTING STONEMWORK FOR INSPECTION. USE MEASUREMENTS AND PHOTOGRAPHS AS APPROPRIATE TO RECORD BONDING PATTERNS, JOINT WIDTHS AND ANY SPECIAL FEATURES TO BE RETAINED.
 - REPORT DEFECTS, INCLUDING SIGNS OF MOVEMENT THAT ARE EXPOSED OR BECOME APPARENT AS WORKS COMMENCE. OVERALL STABILITY OF MASONRY TO BE RETAINED AT ALL TIMES.
 - CAREFULLY REMOVE ANY MASONRY UNITS TO BE REUSED. CLEAN OFF OLD MORTAR, ORGANIC GROWTH AND DIRT AND SET ASIDE IN A SUITABLE CONDITION FOR REBUILDING. DO NOT STORE ON SUSPENDED FLOORS. MARK EACH UNIT CLEARLY ON A CONCEALED FACE INDICATING ITS ORIGINAL POSITION WITHIN THE ORIGINAL CONSTRUCTION.
 - REBUILD TO MATCH PREVIOUS FACE AND JOINT LINES, JOINT WIDTHS AND BONDING, AS NECESSARY.
 - ON COMPLETION OF THE MAIN WORKS, THE EXISTING DIAGONAL CRACK WITHIN THE WALL SHOULD BE REPAIRED USING 1000 LONG, 6 DIAMETER HELIFIX HELIBARS EVERY 300 VERTICALLY TO BOTH FACES OF THE WALL. THE LENGTH OF HELIBARS TO BE SET EQUALLY ON THE CENTRE LINE OF THE CRACK INTO A 30MM DEEP SLOT CUT INTO WALL. ALL HELIBARS ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - ALL FINISHES, INCLUDING PLASTER TO BE REINSTATED TO ARCHITECTS SPECIFICATION.

T1	TENDER ISSUE	02 02 22	MC	CB
Issue	Description	Date	Drwn	Chkd

Notes:

HEALTH AND SAFETY

- THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015 APPLY TO THIS WORK.
- THE CLIENT, CONTRACTORS AND DESIGNERS HAVE LEGAL DUTIES UNDER CDM 2015. REFER TO THE HEALTH AND SAFETY EXECUTIVE WEBSITE (<http://www.hse.gov.uk>) AND THE CONSTRUCTION INDUSTRY TRAINING BOARD WEBSITE (www.citb.co.uk) FOR FURTHER DETAILS.
- JOHN GRIMES PARTNERSHIP LTD ARE NOT THE PRINCIPAL DESIGNER.
- THE PRINCIPAL CONTRACTOR AND ALL SUBCONTRACTORS MUST SATISFY THEMSELVES THAT THEY FULLY UNDERSTAND THE DESIGN AND SITE CONSTRAINTS/ACTIVITIES IN TERMS OF CDM 2015 AND THAT AN APPROPRIATE CONSTRUCTION PHASE PLAN IS IN PLACE PRIOR TO COMMENCING ANY WORKS ON SITE. THE CONSTRUCTION PHASE PLAN SHALL INCLUDE RISK ASSESSMENTS AND SAFE METHODS OF WORKING AS A MINIMUM.

POTENTIAL CONSTRUCTION RISKS ASSOCIATED WITH THIS SITE INCLUDE:

- EXISTING TIMBER BEAM STABILITY
- EXISTING MASONRY STABILITY
- FALLS FROM HEIGHT

THE PRINCIPAL CONTRACTOR AND SUBCONTRACTORS SHALL PROVIDE RELEVANT RECORDS AND INFORMATION TO THE PRINCIPAL

DESIGNER FOR INCLUSION IN THE HEALTH AND SAFETY FILE. THIS MAY INCLUDE, BUT IS NOT LIMITED TO THE FOLLOWING INFORMATION: CERTIFICATES IN RESPECT TO SUITABILITY AND SPECIFICATION COMPLIANCE OF RELEVANT MATERIALS AND/OR MANUFACTURE PROCESSES, OPERATION AND MAINTENANCE MANUALS, AS CONSTRUCTED DRAWINGS.

g. THE HEALTH AND SAFETY FILE FOR THE BUILDING SHOULD BE REVIEWED BY THE CONTRACTOR TO DETERMINE IF ANY KNOWN HAZARDOUS MATERIALS ARE PRESENT (I.E., ASBESTOS).

Client TAVISTOCK TOWN COUNCIL			
Status TENDER NOT TO BE USED FOR CONSTRUCTION			
Copyright reserved	First Issue Signatures		
AS SHOWN	Author	MC	
Original Size	A1	Checker	CB

Project TAVISTOCK MUSEUM TIMBER BEAM REPLACEMENT	
Title REPLACEMENT BEAMS LAYOUT AND DETAILS	

JGP JOHN GRIMES PARTNERSHIP

Leonards Road, Ivybridge, Devon, PL21 0RU
Tel: +44 (0)1752 690533
post@johngrimes.co.uk www.johngrimes.co.uk

Project No. 17449 Drawing No. 101 Rev. T1