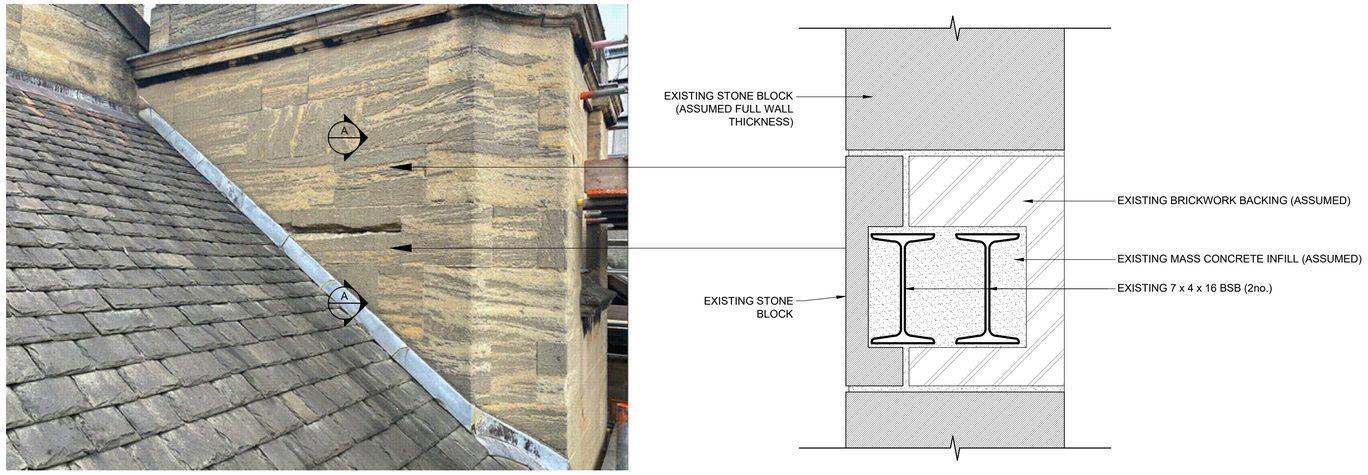
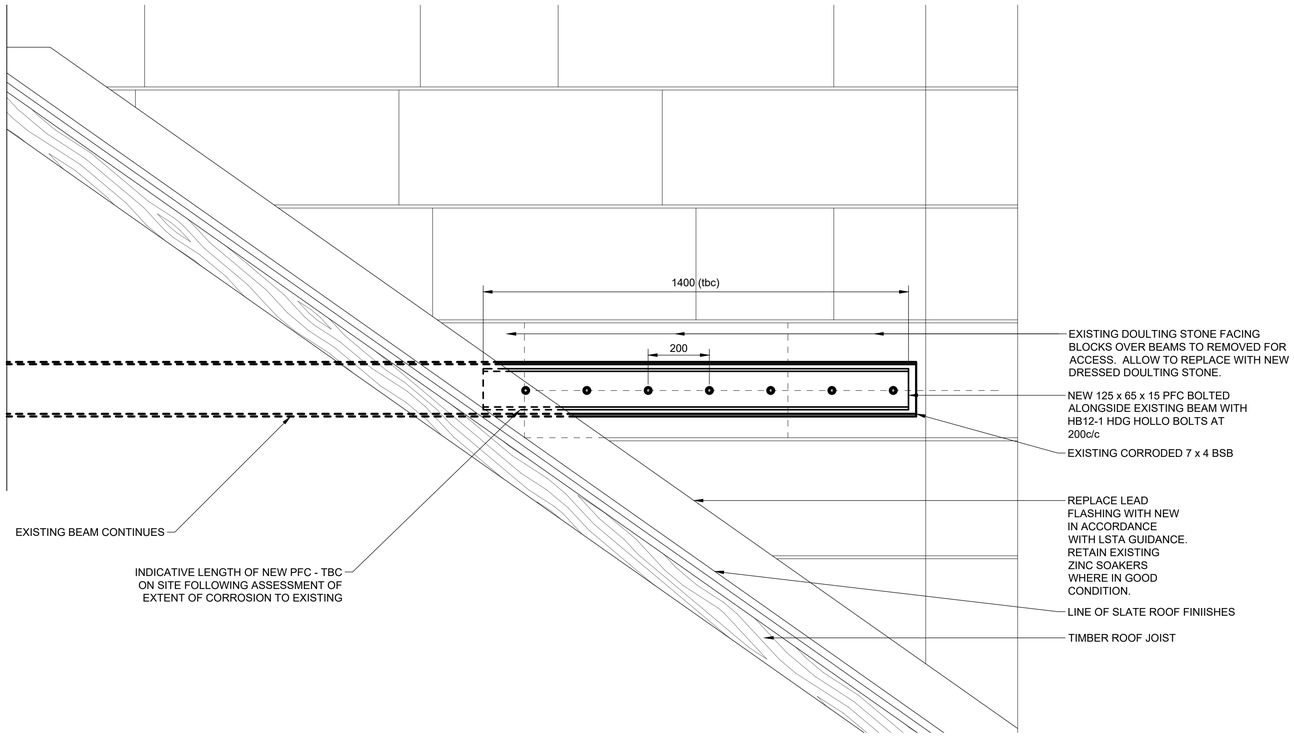
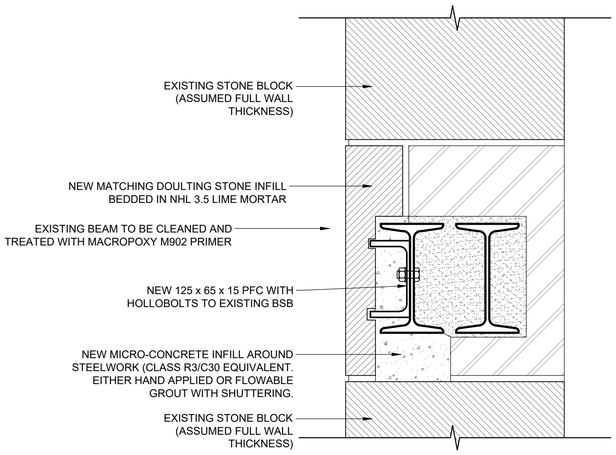


SECTION A-A - EXISTING
scale 1:5@A1 (approx)



PROPOSED REPAIRS - ELEVATION
scale 1:10@A1 (approx)



SECTION A-A - PROPOSED
scale 1:5@A1 (approx)

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

STRUCTURAL CONSERVATION REPAIR NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY WORKS. THEIR PROPOSALS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER SUFFICIENTLY IN ADVANCE OF THE WORKS STARTING TO PERMIT COMMENT. UNDER NO CIRCUMSTANCES SHOULD ANY STRUCTURAL ALTERATIONS BE CARRIED OUT PRIOR TO THE STRUCTURAL ENGINEER COMMENTING ON THE CONTRACTOR'S TEMPORARY WORKS PROPOSALS.
2. ADEQUATE SUPPORT TO EXISTING STEEL BEAMS AND STONEWORK ABOVE MUST BE PROVIDED DURING THE WORKS.
3. SECTION DRAWINGS ARE BASED ON SITE OBSERVATIONS AND WHERE NOTED AS 'ASSUMED' , ARCHIVE STRUCTURAL DRAWINGS (NOT TO SCALE). IF THE CONTRACTOR FINDS THAT THE STRUCTURAL ARRANGEMENTS ARE NOT AS SHOWN ON THIS DRAWING, THEY MUST STOP WORK AND NOTIFY THE CLIENT AND STRUCTURAL ENGINEER AS SOON AS POSSIBLE.
4. REMOVE LEAD FLASHINGS AND (IF REQUIRED LOCALLY) SLATE FINISHES TO GAIN ACCESS. PROVIDE TEMPORARY WEATHER PROTECTION AND ENSURE THAT THE BUILDING REMAINS WATERTIGHT DURING THE WORKS.
5. FOLLOWING REMOVAL OF STONE, WIRE BRUSH ALL EXPOSED STEEL SURFACES TO REMOVE CORROSION PRODUCT AND ALLOW MEASUREMENT OF REMAINING MATERIAL BY THE STRUCTURAL ENGINEER. DRILL AT LEAST FOUR PILOT HOLES THROUGH THE WEB OF THE 7 x 4 BSB TO GAUGE REMAINING WEB THICKNESS.
6. ALL NEW STEEL TO BE GRADE S275 TO BS EN 10025 AND HOT DIP GALVANISED.
7. M12 HOLLO-BOLTS BY LINDAPTER TO BE HOT-DIP GALVANISED.
8. CLEAN ALL EXPOSED EXISTING STEEL TO ST2 STANDARD AND APPLY MACROPOXY M902 PRIMER BY SHERWIN WILLIAMS PAINTS TO MANUFACTURER'S RECOMMENDED DFT.
9. INFILL VOID AROUND NEW AND EXISTING STEEL WITH HAND-APPLIED MICRO-CONCRETE TO BS EN 1504 CLASS R3 (C30 EQUIVALENT). USE RENDEROC GP BY FOSCOC OR EQUIVALENT APPROVED.
10. NEW FACING STONEWORK IN REPAIR AREA TO BE DRESSED DOULTING STONE SOURCED FROM DOULTING STONE QUARRY TO MATCH THE EXISTING AS CLOSELY AS POSSIBLE. STONE BLOCKS TO HAVE NEW DRESSED FINISH - DO NOT ARTIFICIALLY WEATHER TO MATCH SURROUNDING MATERIAL. PROVIDE SAMPLES FOR CLIENT AND CONSERVATION OFFICER APPROVAL BEFORE ORDERING.
11. NEW STONEWORK TO BE BEDDED IN LIME MORTAR. TO BE NHL 2 : SHARP SAND IN 1:2.5 RATIO. PROTECT DURING CURING.
12. ON COMPLETION, REINSTATE ROOF FINISHES WHERE REMOVED AND PROVIDE NEW CODE 5 LEAD COVER FLASHING. SEE ALSO DR-S-3000 AND DR-S-4001.

NOT FOR CONSTRUCTION

Rev	Date	Description	Drawn	Check
T1	07.04.22	TENDER ISSUE	SW	SW

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Drawing Status
PRELIMINARY

Project
HORNIMAN MUSEUM - HISTORIC FACADE & MASONRY REPAIRS

Title
STEEL BEAM/STONEWORK REPAIR WORKS

Drawing No
211042-CON-XX-03-DR-S-4000

Date APR 2022
Scale AS SHOWN
Drawn SW
Engineer SW
Project No **211042**
Revision **P1**