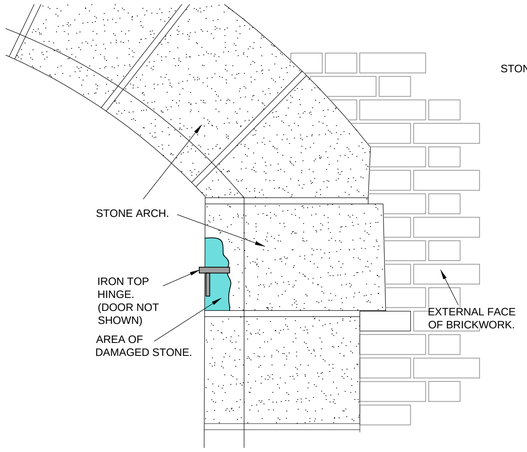
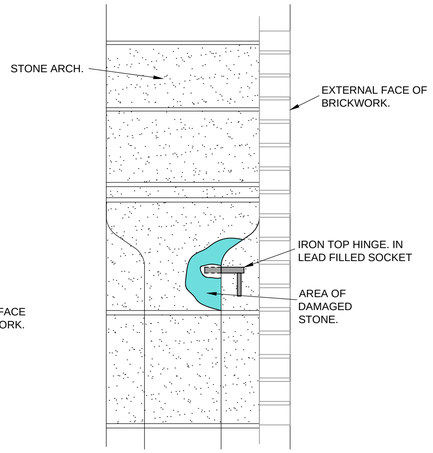


PART EXISTING ELEVATION.

SCALE 1:10



EXISTING SECTION.

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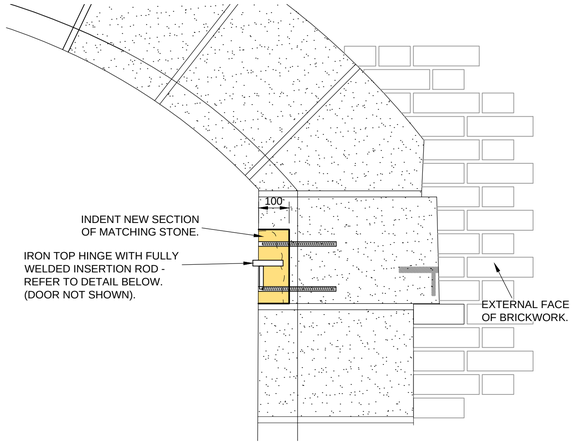
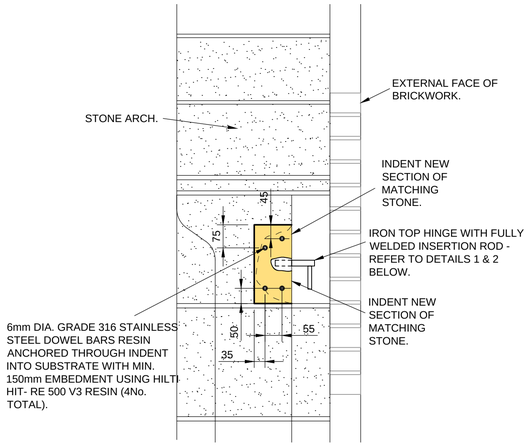


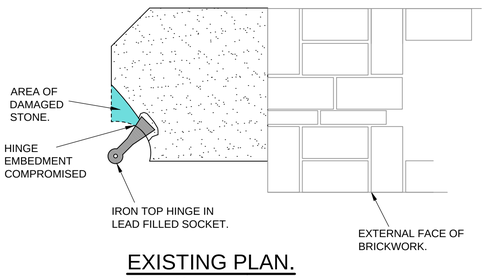
PART PROPOSED. ELEVATION.

SCALE 1:10



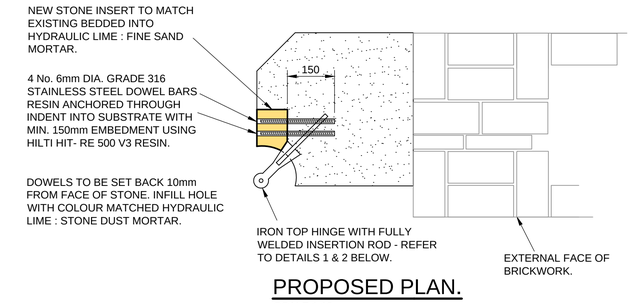
PROPOSED SECTION.

SCALE 1:10



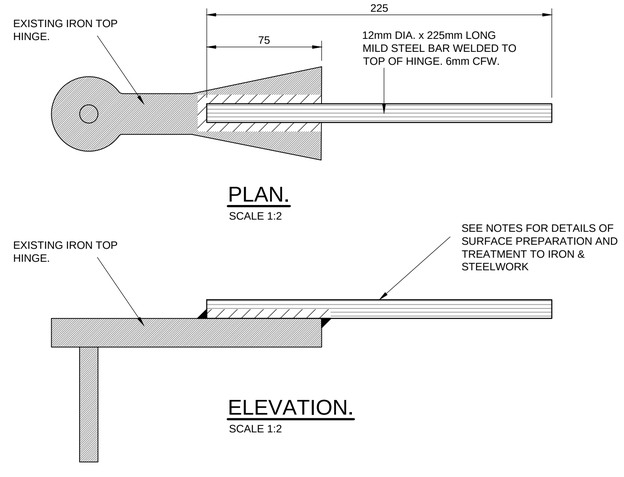
EXISTING PLAN.

SCALE 1:10



PROPOSED PLAN.

SCALE 1:10



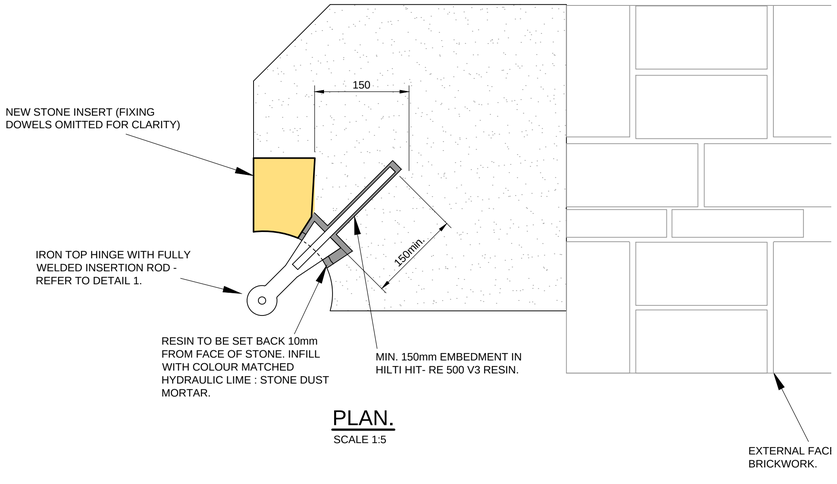
PLAN.

SCALE 1:2

ELEVATION.

SCALE 1:2

MODIFIED IRON TOP HINGE DETAIL 1.



PLAN.

SCALE 1:5

MODIFIED IRON TOP HINGE DETAIL 2.

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 ALTERATION 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 CONTRACTORS TEMPORARY WORKS PROPOSALS.
2. UNLESS NOTED OTHERWISE ON THIS DRAWING - UNDERTAKE STONE INDENT REPAIR IN ACCORDANCE WITH CONISBEE STRUCTURAL SPECIFICATION SECTION C41.
3. STAINLESS STEEL DOWEL BARS TO BE SET IN IN HILTI HIT- RE 500 V3 RESIN USED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
4. BEDDING AND POINTING MORTARS ARE TO BE HYDRAULIC LIME- BASED AS PER STRUCTURAL SPECIFICATION AND INCORPORATE APPROPRIATE SANDS AND STONE DUST TO ACHIEVE A COLOUR AND TEXTURE MATCH TO THE ARCHITECT'S APPROVAL.
5. THE HINGE BOLT IS ASSUMED TO BE OF WROUGHT IRON AND WELDABLE USING COMPATIBLE MATERIALS BUT HAS NOT BEEN TESTED. THE CONTRACTOR MUST UNDERTAKE MINIMALLY DESTRUCTIVE TESTING TO CONFIRM THE MATERIAL PROPERTIES OF THE IRON BEFORE PROCEEDING WITH WELDED REPAIRS.
6. BEFORE REFITTING, PREPARE ALL SURFACES OF THE IRON AND STEEL TO REMOVE EXISTING PAINT FINISHES (NOTE: LEAD PAINT RESIDUES MAY BE PRESENT ON IRONWORK) AND APPLY 2No. COATS OF MACROPOXY M902 PRIMER BY SHERWIN WILLIAMS (OR EQUIVALENT AND APPROVED) IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. FINAL PAINT FINISHES TO BE IN ACCORDANCE WITH ARCHITECT'S SPECIFICATION.
7. NEW STEEL TO BE GRADE S275.
8. THE ADAPTED HINGE BOLT IS TO BE ANCHORED IN HILTI HIT- RE 500 V3 RESIN USED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. NOTE: RESIN IS SLOW SETTING AND WORKPIECE MUST BE FULLY SUPPORTED DURING THE CURING PERIOD.

NOT FOR CONSTRUCTION

Rev	Date	Description	Drawn	Check
T1	10.09.19	TENDER ISSUE	SW	TA

conisbee | Consulting Structural Engineers Consulting Civil Engineers
London • Cambridge • Norwich
1-5 Offord St London N1 1DH
Telephone 020 7700 6666
www.conisbee.co.uk

Drawing Status: TENDER

Project: Science & Industry Museum, 1830 Warehouse URW

Title: South Elevation - Bay 5. Cargo Door Hinge Repair Details.

Drawing No: **180426-CON-1830-XX-DR-S-4008**

Date: Sep 2019
Scale: VARIES@A1
Drawn: PM
Engineer: SW
Project No: **180426**
Revision: **T1**