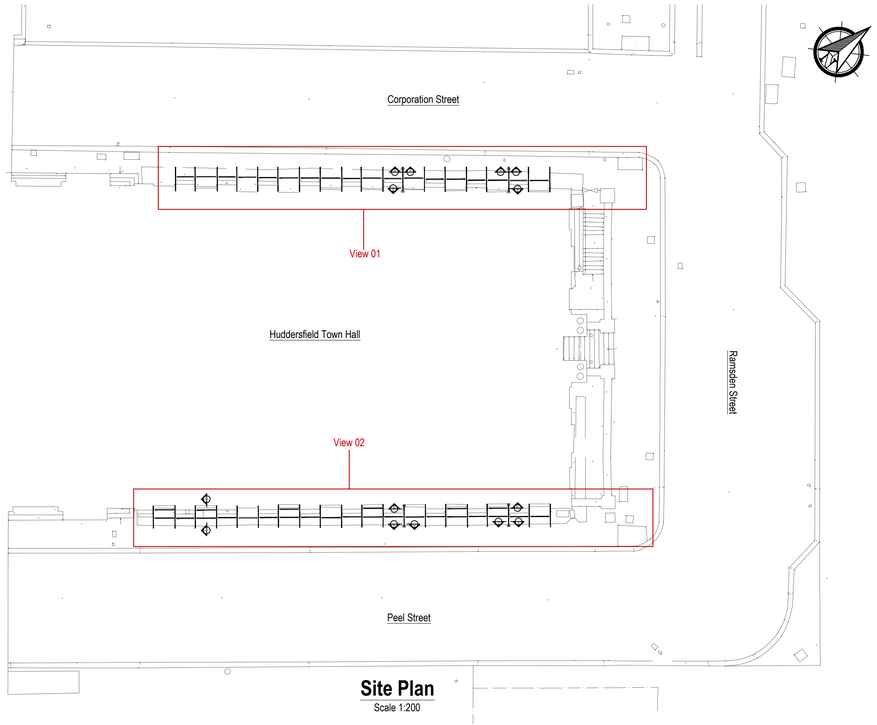
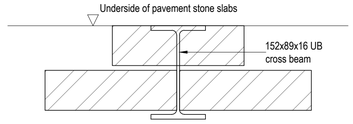
Version 4.0



Site Plan
Scale 1:200



Section A-A
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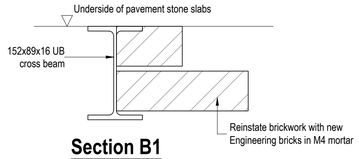

Section B1
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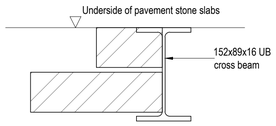

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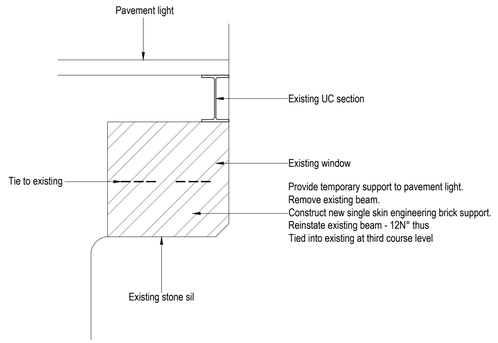
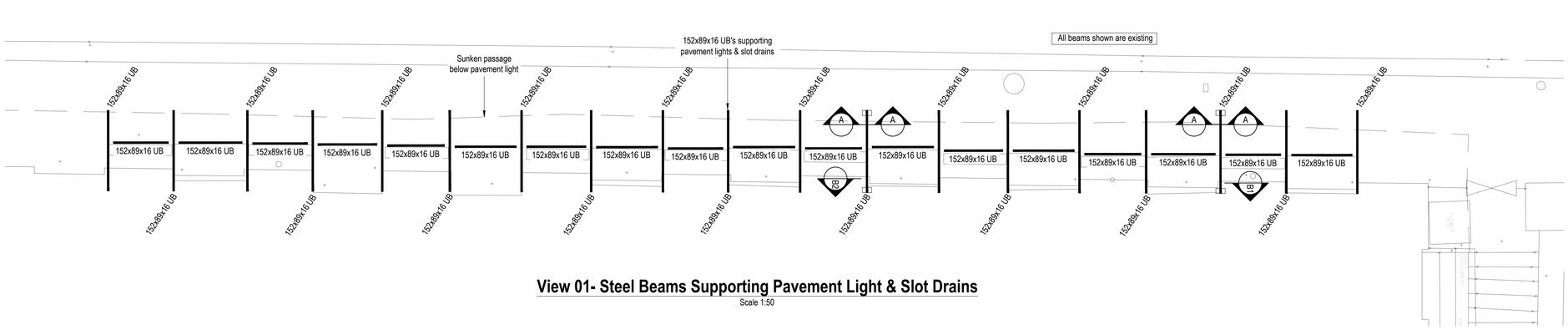
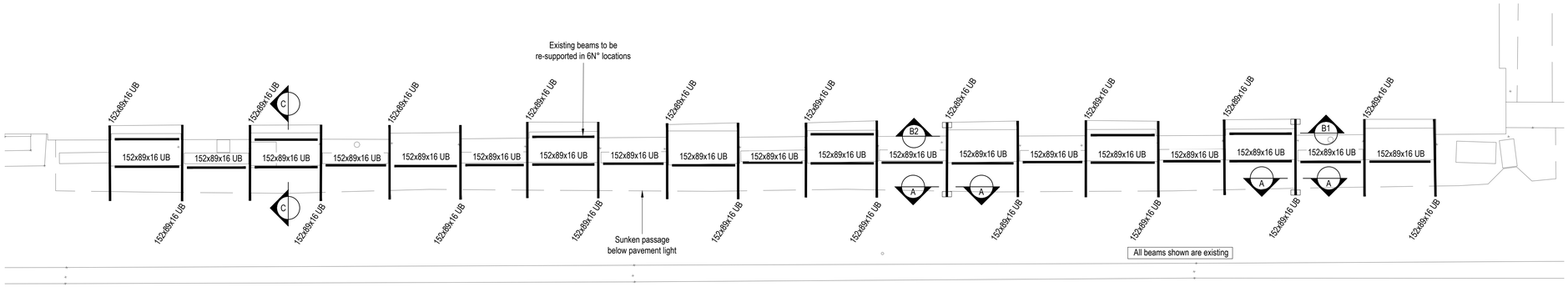


Section C-C
Scale 1:10



View 01- Steel Beams Supporting Pavement Light & Slot Drains
Scale 1:50



View 02 - Steel Beams Supporting Pavement Light & Slot Drains
Scale 1:50

Steelwork Notes

1. All steel to be fabricated and erected in accordance with the NSSS 5th edition (CE marking).
2. All steel shall be CE marked and fabricated to execution class EXC 2 unless noted otherwise on the drawings.
3. The steel frame is only stable on completion of the whole frame including bracings. The steelwork fabricator is responsible for the design and detailing of any temporary bracing which is required. Any temporary bracing shall be removed once the frame is complete.
4. All steelwork sections shall be on grid unless noted otherwise on the drawings.
5. It shall be the responsibility of the steel fabricator and main contractor to site measure and check fit between new and existing structures prior to production of drawings. If in doubt obtain instructions from Mason Clark Associates.
6. All rolled steelwork sections to be minimum grade S355 JR. All hollow sections to be grade S355 J2H. All plates and flats to be minimum grade S275 JR.
7. New steelwork to be shot blasted to SA 2.5 and painted with a minimum 75 microns epoxy high build zinc phosphate primer in grey. Any additional decorative coatings or intumescent paint to be specified by the architect, ensuring compatibility with the base primer.
8. All new externally exposed steel shall be hot dipped galvanised post fabrication in accordance with BS EN ISO 1461. Minimum coating thickness to be 85 microns. The steel fabricator shall detail all vent and drain holes as required. Any holes in hollow sections to be plugged prior to erection on site.
9. All baseplates to be designed by the steelwork fabricator for the ultimate loads stated on the drawings. Columns and gable posts to have a minimum of 4No. M20 holding down bolts cast in cones. Door posts and windposts to have a minimum of 2No. M16 holding down bolts. All columns and posts to have 25mm non-shrink grout under baseplates. The bolt assemblies shall be supplied by the steelwork fabricator for setting into the foundations by the main contractor.
10. All steel-steel and steel-concrete connections shall be designed by the steel fabricator to the ultimate loads stated on the drawings. All connections to have minimum 2No. M20 bolts with 6mm FW's and any non-specified connections shall be designed to resist a vertical shear force of 75kN and a tie force of 75kN.
11. All connections (including bolts) shall not intrude into clear openings for windows and doors.
12. Any temporary cleats welded to members for erection purposes may remain unless the steel member is exposed in the final works. Any cleats on exposed members to be removed and the paint made good on site by the steel fabricator.
13. All braces to node at a common point. Any eccentricity created during detailing by the steelwork fabricator shall be taken into account in their connection design. At baseplate level the bracing shall node with the centre of the baseplate.
14. The steelwork fabricator shall provide all GA drawings in electronic format to the engineer and architect for review at least 14 days prior to fabrication commencing.
15. The steelwork fabricator shall allow for the number of erection visits required to suit the main contractors sequence and phasing of the works.

Remedial Paint Specification

1. All existing beam ends at face of masonry support.
   Thoroughly clean and degrease all beam ends at junction with existing brickwork.
   Remove rust via mechanical abrasion and wire brushing.
   Apply proprietary rust inhibiting primer to all previously corroded areas.
   Apply compatible primer, undercaot and white finishing coat to total DFT of 150µm.
2. All existing white finished steel framework.
   Thoroughly clean and degrease all previously white panted steel framework.
   Prepare cleaned surfaces by sanding to receive top coat.
   Apply white finishing coat compatible with existing

Notes

1. This drawing is subject to copyright and must not be reproduced, stored or transmitted in any form without prior permission from Mason Clark Associates.
2. This drawing is not to be scaled. All dimensions are to be checked on site by the contractor. Any discrepancies are to be notified to Mason Clark Associates. Obtain instructions prior to works commencing.
3. This drawing is to be read in conjunction with all the relevant contract drawings and specifications.
4. All dimensions are in millimetres and all levels are in metres AOD unless noted otherwise.
5. All work shall be carried out in accordance with Local Authority, Statutory Authority and Health & Safety Regulations.
6. Mason Clark Associates are not responsible for determining the appropriate fire period, fire boundary conditions or the associated design of fire protection or inherent fire resistance to any elements of structure, including all frames, posts, beams, joists, roof members and secondary structural elements such as lintels. Refer to the Architect or Project Manager for this information.

Health & Safety Information

In addition to the hazards and risks normally associated with the type of works detailed on this drawing, please note the following abnormal risks to Health & Safety.

Refer to Mason Clark Associates project specific Design Risk Assessment (DRA).

Construction Phase	
HAZ-C1	
HAZ-C2	
Maintenance Phase	
HAZ-M1	
HAZ-M2	
Demolition Phase	
HAZ-D1	
HAZ-D2	

It is assumed that all works will be carried out by a competent contractor working where appropriate to an approved method statement

Site Plan taken from AHR Building Consultancy Ltd drawing Huddersfield Town Hall Ramsden Street Huddersfield HD1 2TA - CCTV Site Plan As Existing 2022.0525.CCTV01 - 01

Rev	Details	By	Date
P2	Preliminary - Site Plan updated. Remedial Paint Specification Added	DT	12.12.2022
P1	Preliminary - Initial Issue	DT	01.12.2022

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Client.
AHR Building Consultancy Ltd

Project.
Huddersfield Town Hall Refurb

Title.
Steel Beams Supporting Pavement Light & Slot Drains

Drawn: DT	Checked: DG	Date: Nov 2022
Scale @ A1 : As Shown		
Drawing No : 20670-Y-DR-021	Rev: P2	

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