



KEY	
1	Fractures
2	Loose Stone
3	Broken / Missing Stone
4	Raised Stone
5	Surface Erosion
6	Open Joints
7	Cement Mortar
8	Assess for full replacement

For isolated fractures carefully use an epoxy resin to re-seal the stone to the wider flag. For multiple fractures allow for stainless steel dowels to stabilise the flag alongside an epoxy resin to seal the fractures.	
Carefully lift stone & re-bed in lime based mortar level	
Small area - masonry mortar repair in lime based mortar mixed with stone dust to exactly match and sit flush with the existing & adjacent (provide sample).	
Larger area, where repair is not possible - inset new stone to match existing & adjacent and bed in a lime based mortar, level with surrounding stones (provide sample) .	
Carefully chisel the edge of the raised stone to remove the tip hazard but retain the historic form and position of the flag.	
Surface erosion - where erosion has caused an edge or tip hazard allow to chamfer the edge as described above.	
Carefully rake out with hand tools and re-point in a lime based mortar to exactly match historic mortars everywhere in the hall.	
Carefully rake out cement mortars with hand tools, lifting stones if required. Re-bed stones in a lime based mortar	
Assess on site at time of works for full replacement. Any replacement to be sampled for an exact match with existing & adjacent and to be agreed with The Architect	



Note:
Do not scale from this drawing.
Dimensions are to be checked on site.
If in doubt please ask.

General Notes

Vapour permeability tests should be used to determine an appropriate lime mix for the existing stone composition. Samples of the lime based mortar are to be agreed before installation

Allow to make good any impact on surrounding stones following work to match existing & adjacent in every respect. Samples of all lime & masonry mortar repairs and stone replacements are to be agreed before installation



Rev Date/nits Details

© The moral rights of the author are hereby asserted.
This drawing is the sole property of Buttress Ltd and must not be reproduced without permission.
Buttress Ltd is registered in England and Wales 13082573

Buttress

A1 Bengal St
Manchester
M4 6AF
T 0161 236 3303
E contact@buttress.net
W www.buttress.net

Project Title CSM - College House
Client Chetham's School of Music
Location Manchester

Drawing Title Baronial Hall & Access Corridors
College House Ground Floor 1 of 2
As Proposed

Date 26/02/23 **Scale** 1:100
Checked EK **Orig Paper Size** A3

Status PLANNING

Project: Origin: Zone: Level: Type: Disc: Number: Rev:

9424-BA - ZZ - 0F - DR - A - (04)001 - -