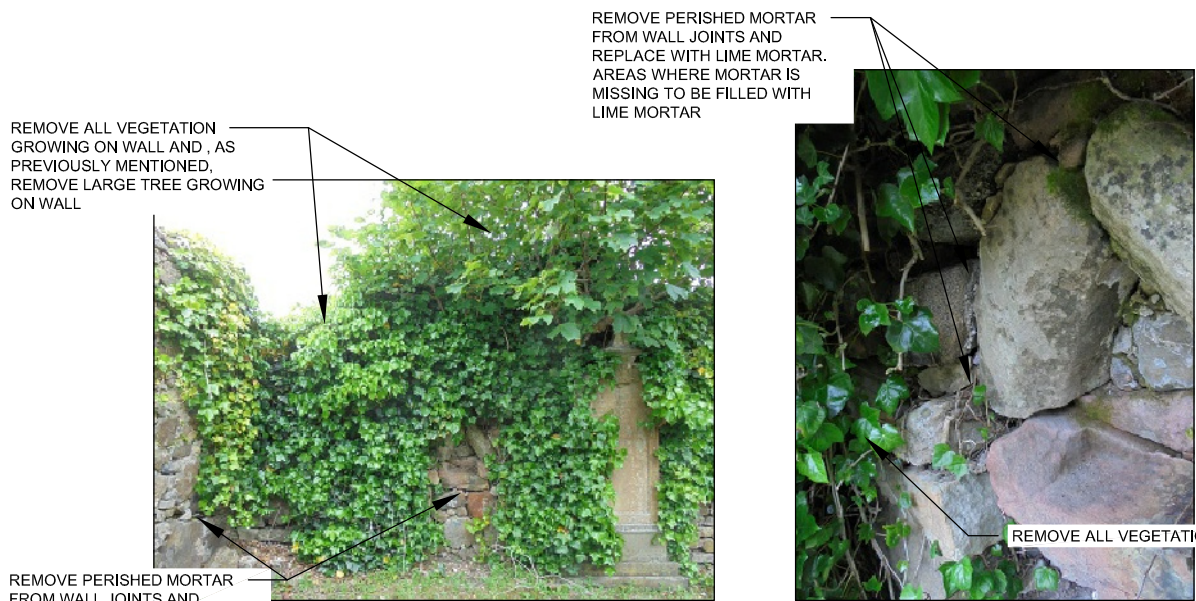


THIS DRAWING IS INDICATIVE AND REPRESENTS ONLY THE DESIGN INTENT, THE CONTRACTOR MUST PRODUCE FULLY CO-ORDINATED WORKING / INSTALLATION DRAWINGS AS REFERRED TO IN THE CONTRACT DOCUMENTATION

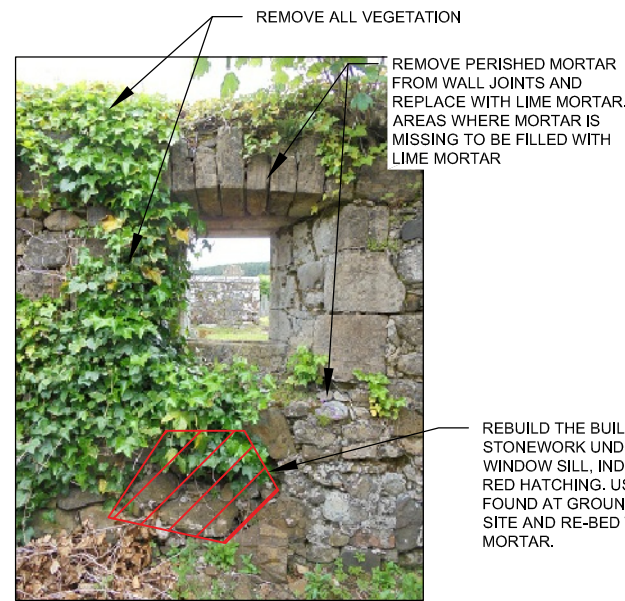
General Notes

- All vegetation growing on the structure is to be removed and the stonework treated to prevent re-growth.
- All perished mortar to be raked out and re-pointed with suitable lime mortar to match the existing. Areas where the mortar is missing will also need to be re-pointed.
- At the vertical cracks helifix screwed rods should be installed into the stone coursing. The vertical cracks are then to be in-filled using suitable lime mortar.
- All large voids in the stonework are to be in-filled by site recovered stone and held in place by suitable lime mortar.
- Displaced coping stones and lintels have to be placed back and fixed in their original positions using lime mortar.
- The northwest corner of the existing structure is to be rebuilt site recovered stone and held in place by suitable lime mortar. When this position of the wall is being rebuilt it is important to ensure that the wall is adequately tied to the adjacent structure.
- Walls that are not tied and have moved out of position from the existing structure are to be tied to the existing structure using helifix ties.
- Brick Structure to be removed but retain concrete floor slab.
- Wall heads are to be capped with lime mortar to prevent water ingress.

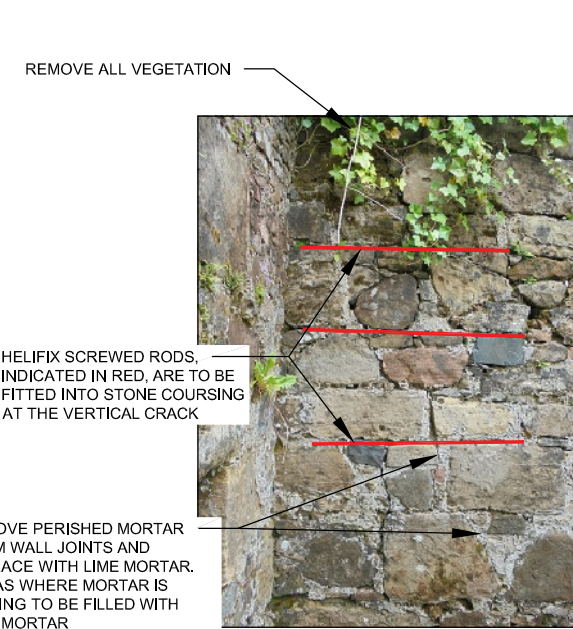
- It is recommended that a reliable stonemason also inspects the structure and his/her recommendations are taken into consideration when finalising the repair scope of works.
- The recommendations are to be approved by H.E.S. and may be subject to revision.
- These drawings are to be read in conjunction with Harley Haddow Structural Inspection Report and Architects drawings.
- Helifix ties positions are indicative only. Final positions to suit stone coursing



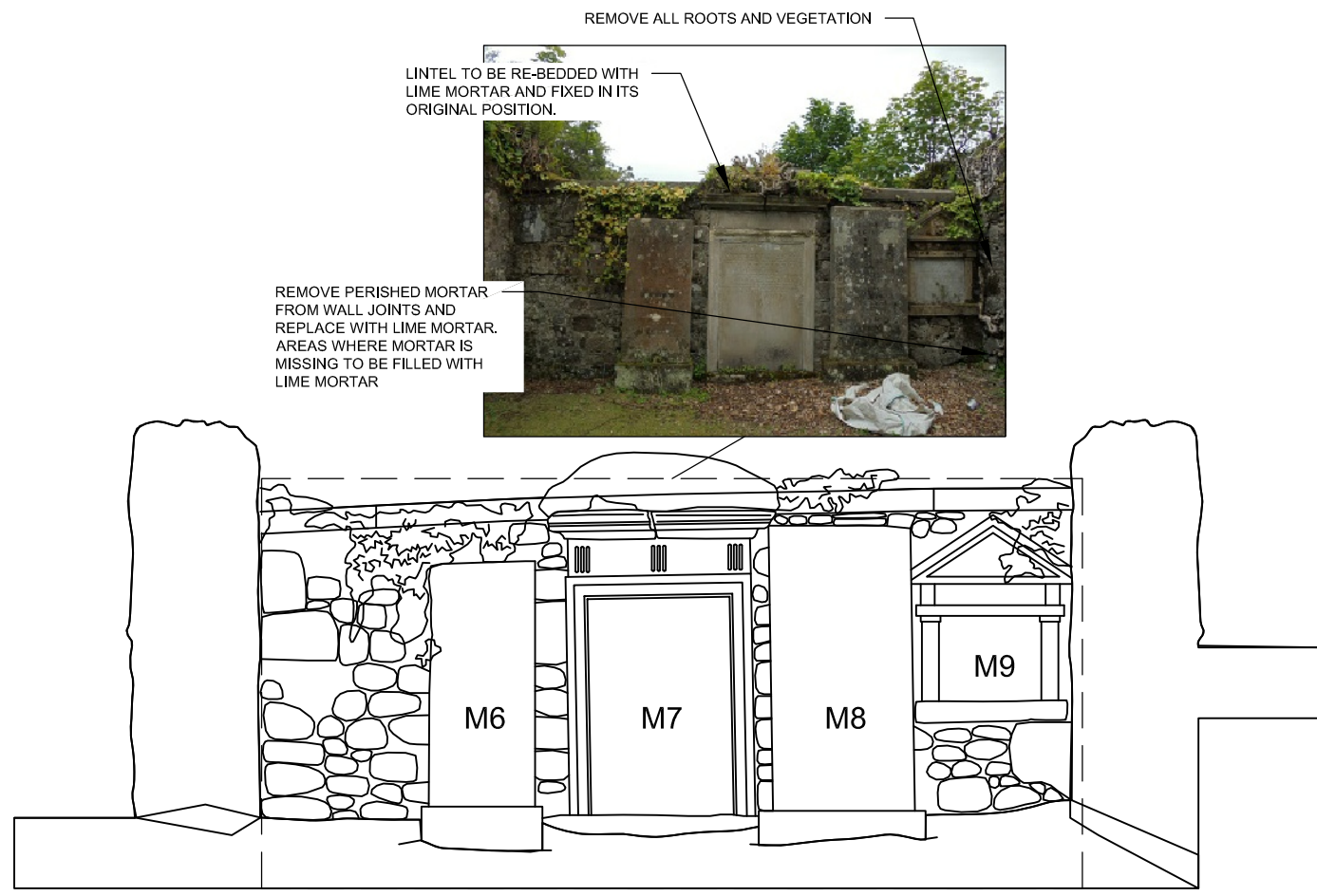
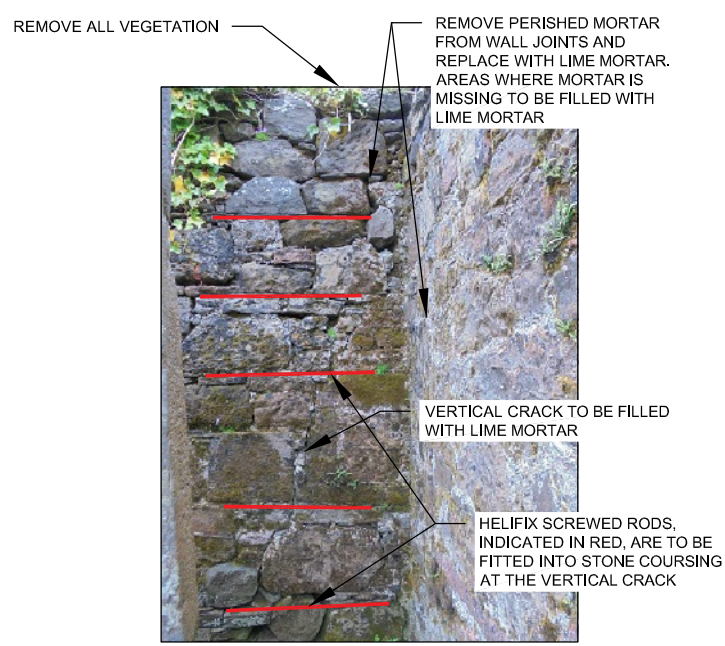
West Chamber (North Wall)



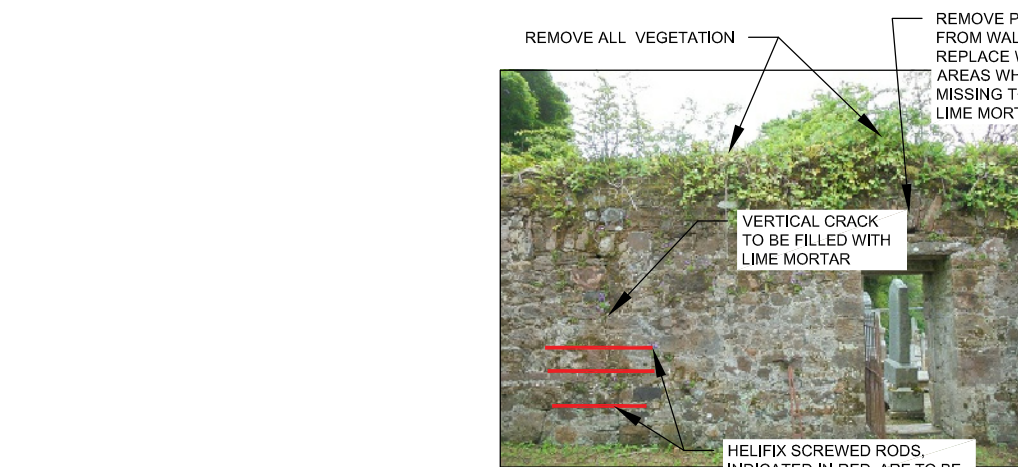
East Chamber (North Wall)



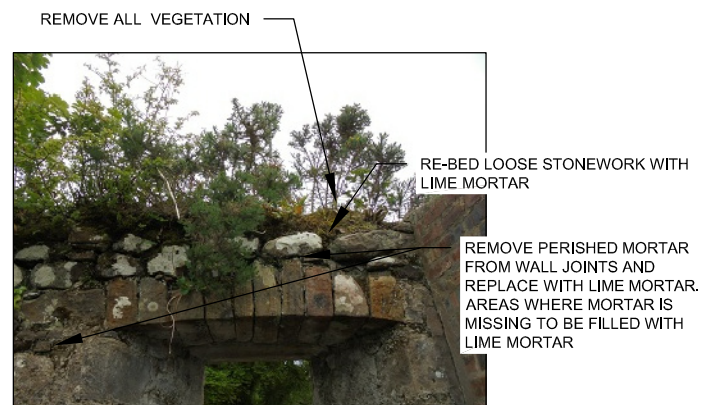
East Chamber (East Wall)



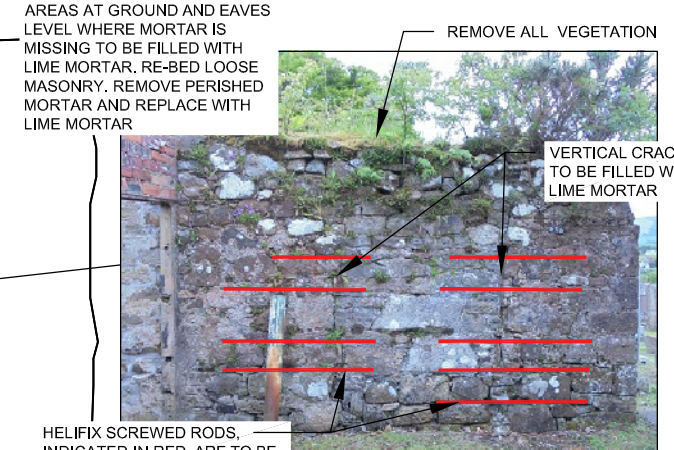
East Chamber (West Wall)



East Chamber (South Wall)



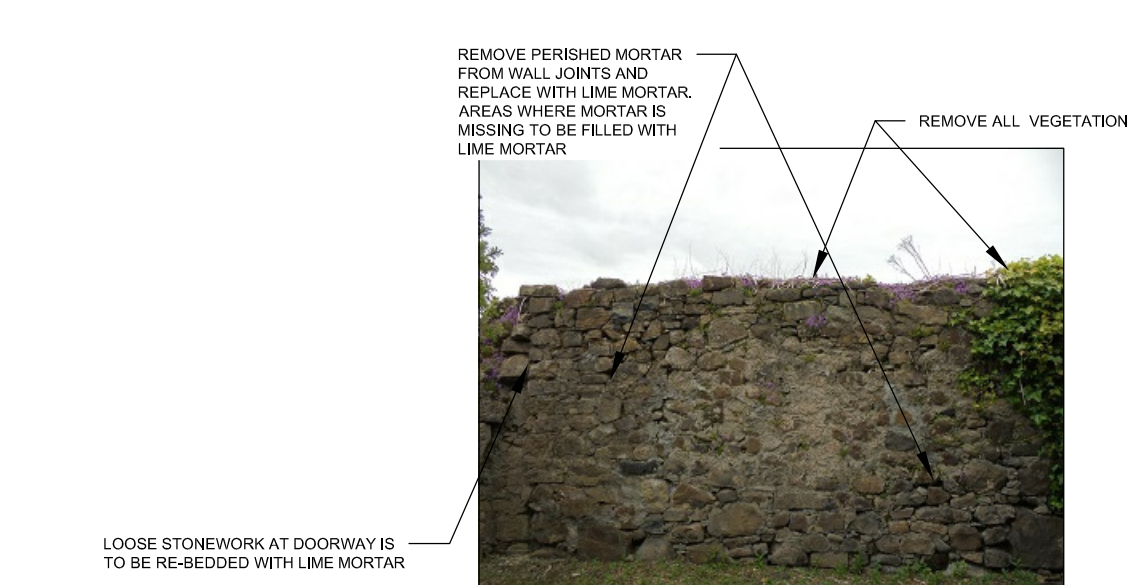
West Chamber (South Wall)



NOTE: CONTRACTOR TO TAKE SPECIAL CARE TO ENSURE THE READABILITY OF THE BLOCKED OPENING IS NOT OBSCURED BY REPAIR WORKS. DO NOT INSERT ANY PINNING STONES ETC AT JOINT LOCATIONS

NOTE: PROTECT CARVED STONE AT GROUND LEVEL (CENTRE OF BLOCKED OPENING) AT ALL TIMES.

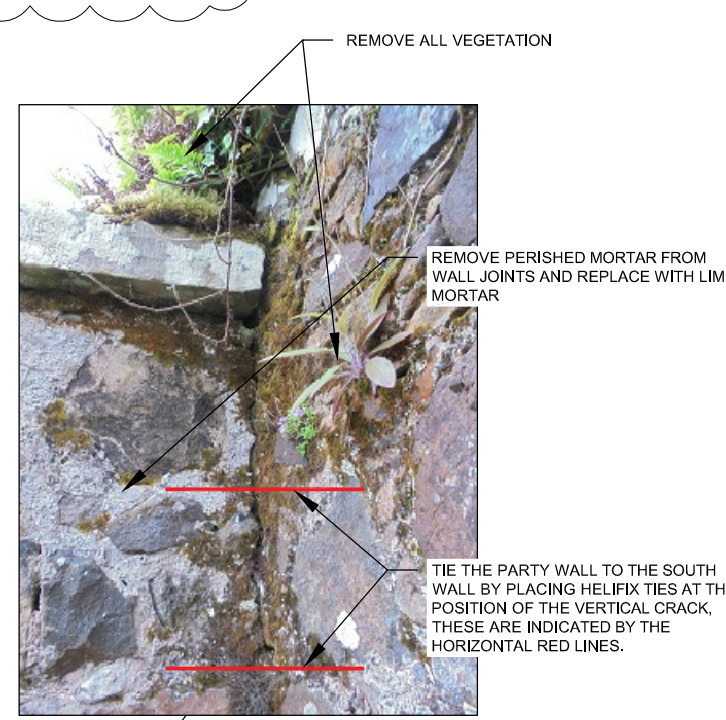
BRICK STRUCTURE TO BE REMOVED (RETAIN CONCRETE FLOOR SLAB)



West Chamber (West Wall)



West Chamber (East Wall)



INFORMATION					
REVISED TO SUIT ARCHITECT'S COMMENTS		SD	AF	GA	08.07.16
REV	DESCRIPTION	BY	CHK	APP	DATE
HARLEY HADDOW CONSULTING ENGINEERS Suite 4/3, The Shypryk, 8 Elliot Place, Glasgow, G3 8EP T: +44 (0) 141 332 3031 Email - glas@harleyhaddow.com www.harleyhaddow.com Incorporated in Scotland as a Limited Liability Partnership Edinburgh Glasgow London Doha					
Project: 301029 KILBRIDE CHAPEL, LAMLASH, ARRAN, Drawing Title: ELEVATIONS ON PROPOSED CONSOLIDATION REPAIRS SHEET 2					
Scale @ A1 1:50	Date 06.06.2016	Engineer A.F.		Revision A	
Drawing No.		302			