

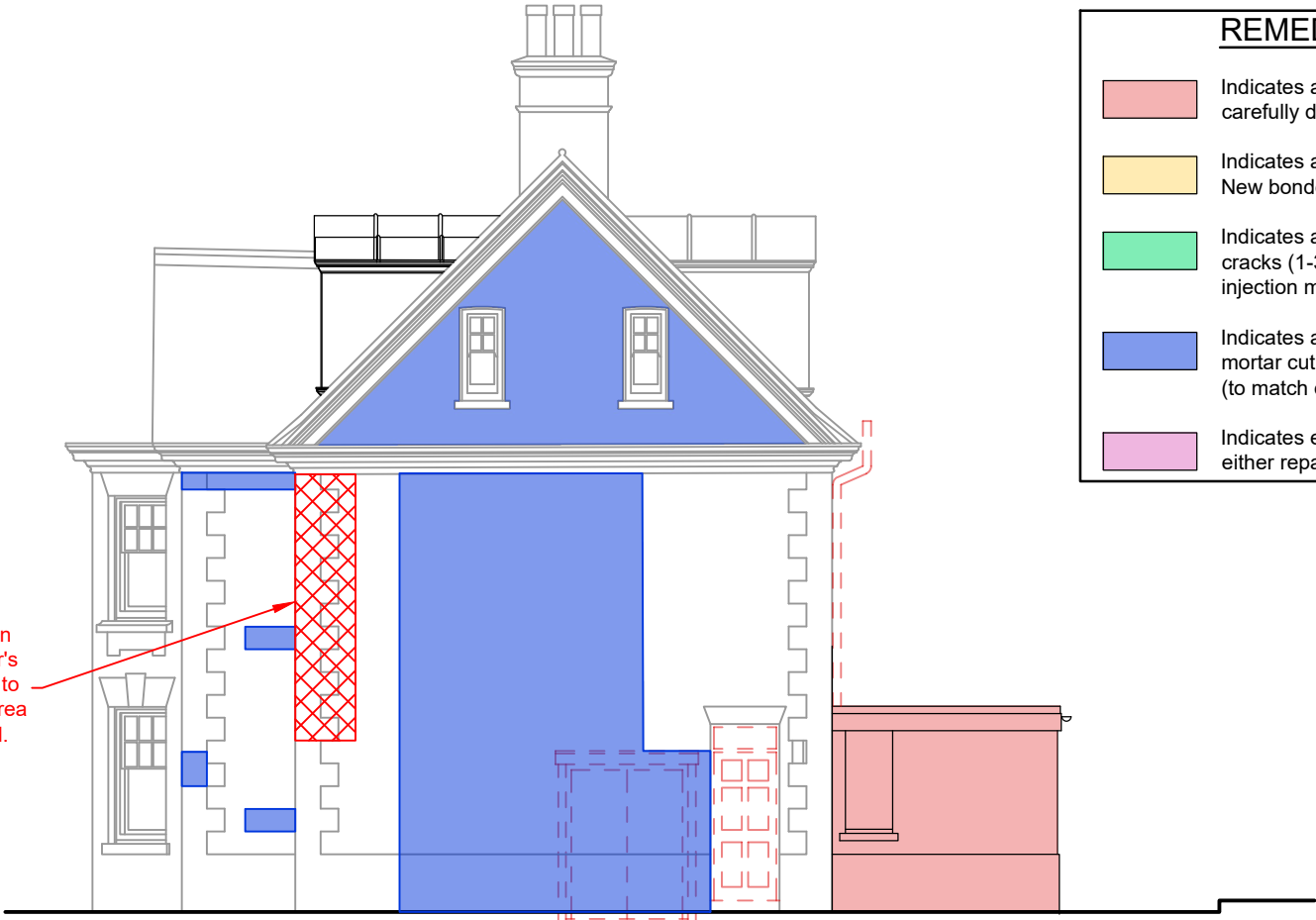


Condition of existing masonry to be assessed following provision of safe access.
Assume mortar repairs throughout, unless proven otherwise.

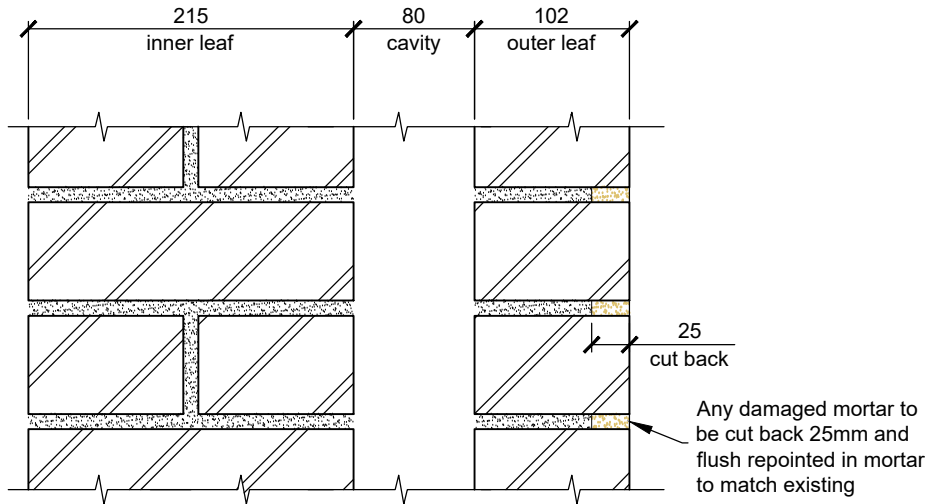
Brick arch lintels at first floor to be uncovered to allow for further inspection

RAINWATER MANAGEMENT SYSTEM TO BE REPAIRED / REPLACED, IN ACCORDANCE WITH ARCHITECT'S DETAILS, TO ENSURE DISCHARGE OF WATER IS REMOVED FROM BRICKWORK.

Crack stitching bars installed in accordance with manufacturer's recommendations and details to strengthen masonry around area of significant cracking in panel.



REMEDIAL WORKS KEY	
	Indicates area of existing building to be carefully demolished / removed.
	Indicates area of wall to be carefully rebuilt. New bonded into existing.
	Indicates area of mortar crack repair. Minor cracks (1-3mm) infilled / sealed with suitable injection mortar.
	Indicates area of mortar repointing. Existing mortar cut back min. 25mm and new mortar (to match existing) packed into existing joint.
	Indicates existing outer leaf lintel to be either repaired, reinstated or replaced.



Typical repointing detail
(1:5)

Existing mortar sample (min. 10g of material) to be tested by Specialist to determine best match for any new mortar works. Minimum Class ii

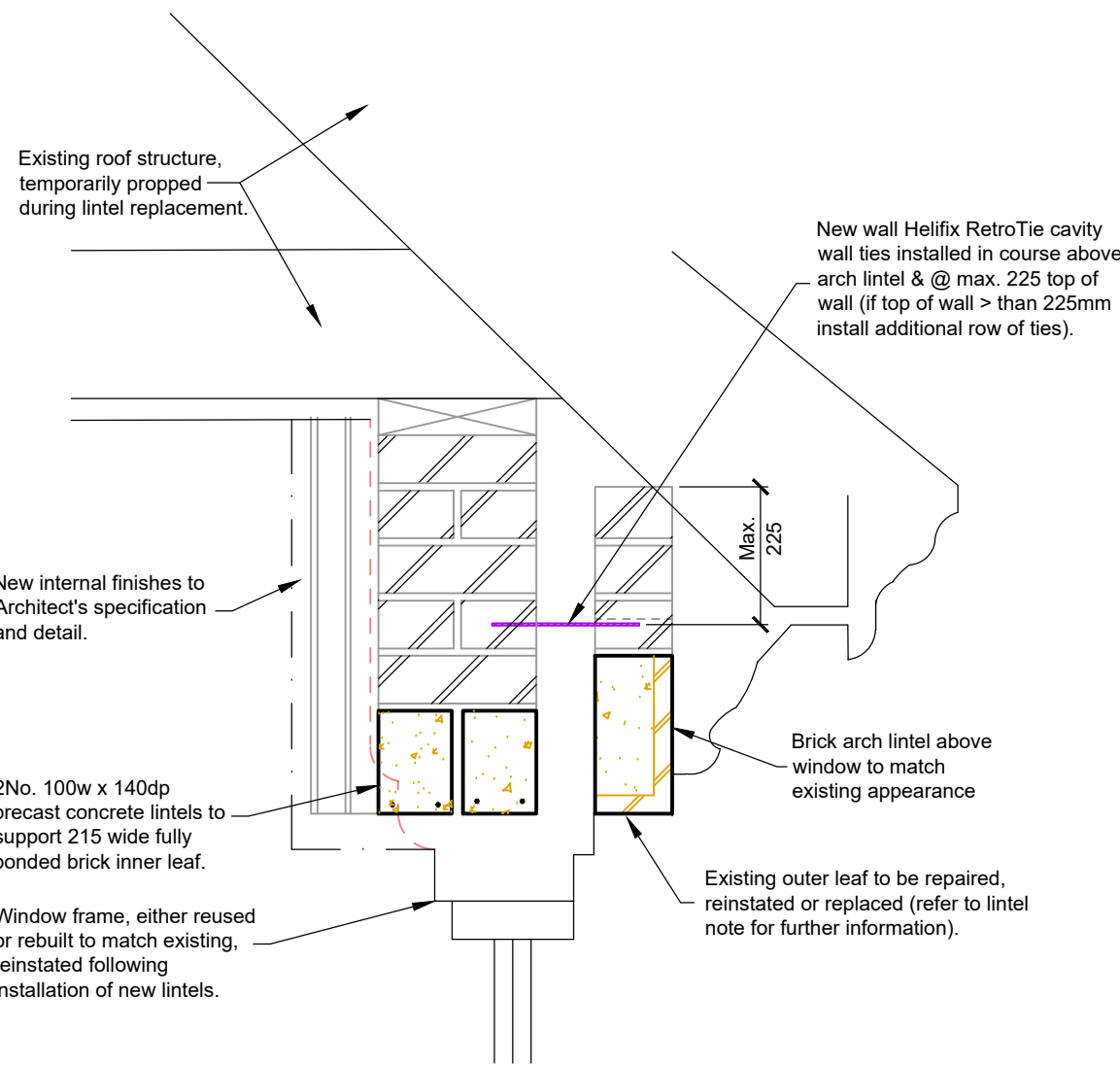
Where possible existing brickwork to be cleaned and re-used. Any new facing masonry must be approved prior to ordering and use.

The Contractor is responsible for all temporary works / wind props during the works. To ensure stability of the masonry during construction.

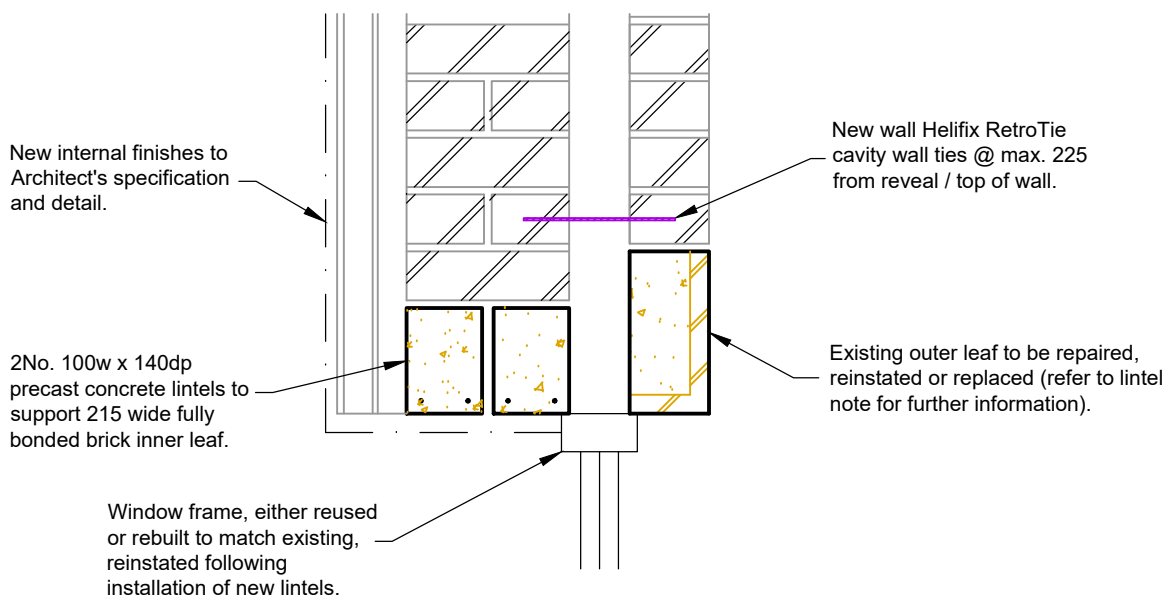
General remediation note

- Any damaged / missing bricks to be carefully removed and replaced to match existing.

REMEDIAL WORKS SPECIFIED ARE TO SUIT OBSERVATIONS OF INITIAL BUILDING APPRAISAL. FINAL EXTENT OF WORKS TO BE CONFIRMED FOLLOWING REVIEW OF INFORMATION GATHERED DURING FURTHER INVESTIGATIONS TO BE CARRIED OUT.



Typical lintel replacement
First floor
(1:10)



Typical lintel replacement
Ground floor
(1:10)

Lintel remedial options

- 1. Repair**
Use resin fixed reinforcing bars / ties to pin he existing failing arched brickwork into the bonded brickwork above. Details to be designed and specified by Specialist Contractor (recommend Helifix / Leviat).
- 2. Reinstate**
Following installation of temporary propping, carefully remove existing arched brickwork and reinstate to match existing.
- 3. Replace**
Following installation of temporary propping, carefully remove existing arched brickwork and replace with new 'fbstock' or similar brick feature arch lintel (to specialist supplier's design).

P1	09.12.25	Issued for discussion / design review	JM
MK	DATE	REVISION	BY
JOB TITLE			
Rustington Convalescent Home Sea Road, BN16 2LZ			
CLIENT			
MACAR Devolpments			
SCALES		DRG. SIZE	
As noted		A1	
DATE	Nov 25	ENG / TECH RC / JM	CHECKED
DRAWING TITLE			
Carpenter's House Masonry / Lintel repairs & replacements elevations, sections and details.			
STRUCTURAL AND CIVIL CONSULTING ENGINEERS			
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