

Plan View on Fire Place

1:50

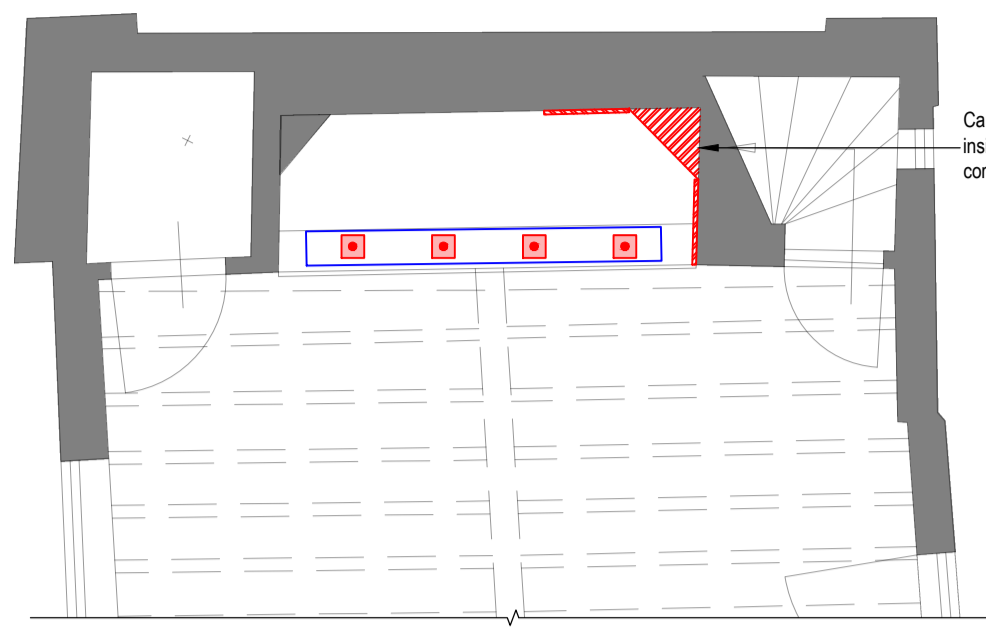
Provide 4 No. Acro Props supported on scaffold board at base. Heads of props to be tightly packed to underside of chimney arch using timber packers shaped to suit arch.



Elevation of Fire Place

NTC

STAGE 1



Plan View on Fire Place

1:50

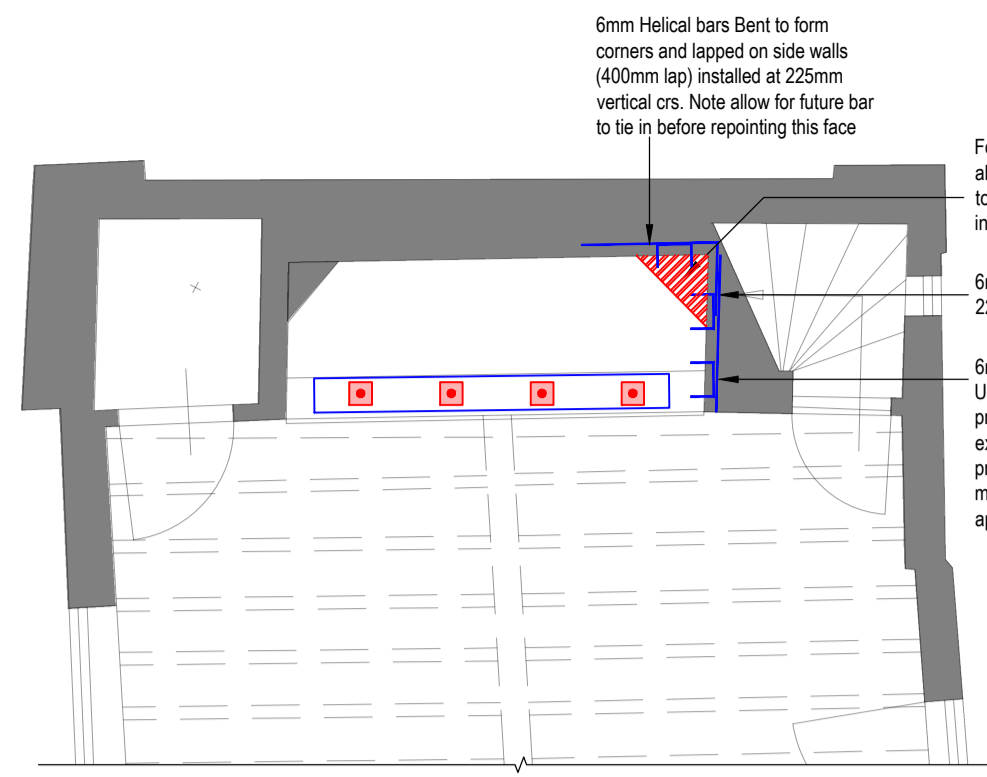
Carefully remove render to inside face of wall and expose corner pier.



Elevation of Fire Place

NTC

STAGE 2



Plan View on Fire Place

1:50

6mm Helical bars bent to form corners and lapped on side walls (400mm lap) installed at 225mm vertical crs. Note allow for future bar to tie in before repointing this face

Following installation of helical bars above, carefully remove corner pier, to allow for remainder of helical bars installation.

6mm Helical bars installed at 225mm vertical crs

6mm Helical bars bent to form U-Bar 225mm long, with legs projecting 100mm from face of existing brickwork to tie into proposed brick facing. Place minimum 2 No. U-bars spaced approx 450mm horiz crs.

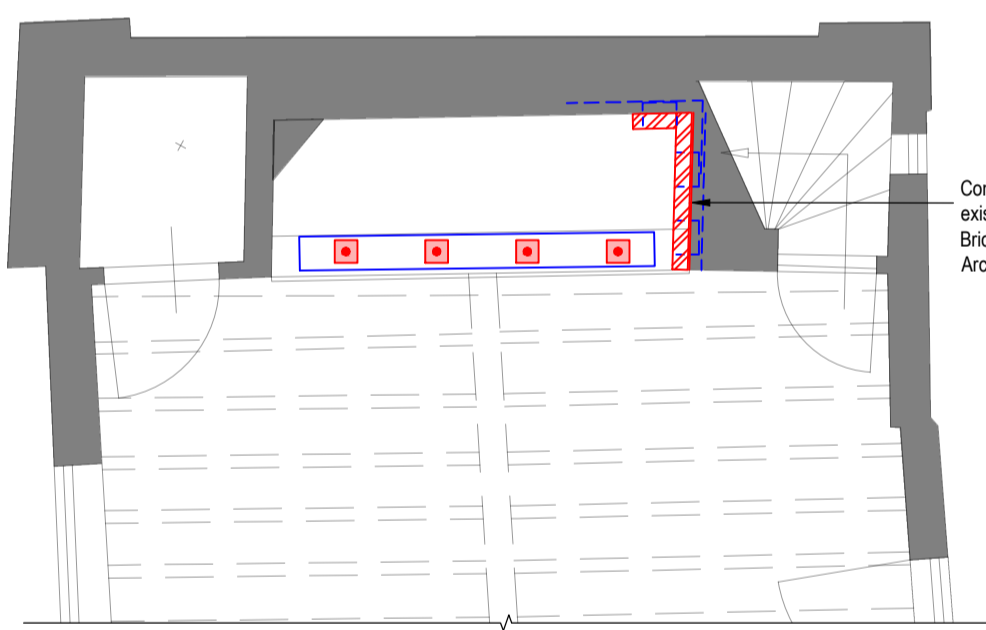


Elevation of Fire Place

NTC

STAGE 3

NOTE HELICAL STITCH REPAIRS TO BE UNDERTAKEN TYPICALLY IN ACCORDANCE WITH HELIBAR GUIDANCE SHEET CS05



Plan View on Fire Place

1:50

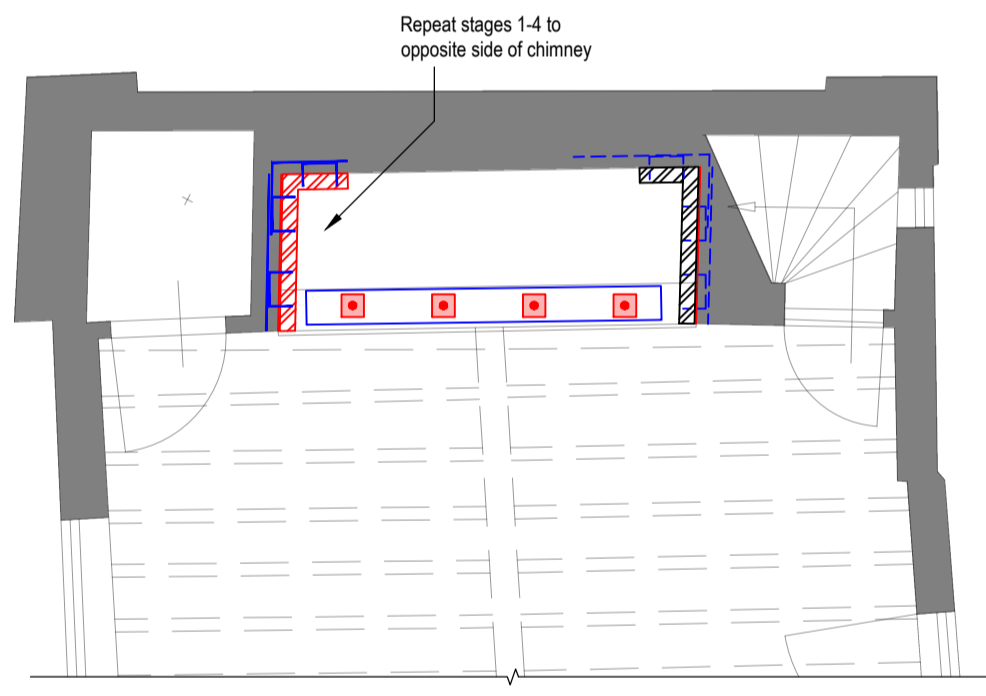
Construct new facing brick tied to existing wall via the U-Helibars. Brick Bond to be confirmed with Architect.



Elevation of Fire Place

NTC

STAGE 4



Plan View on Fire Place

1:50

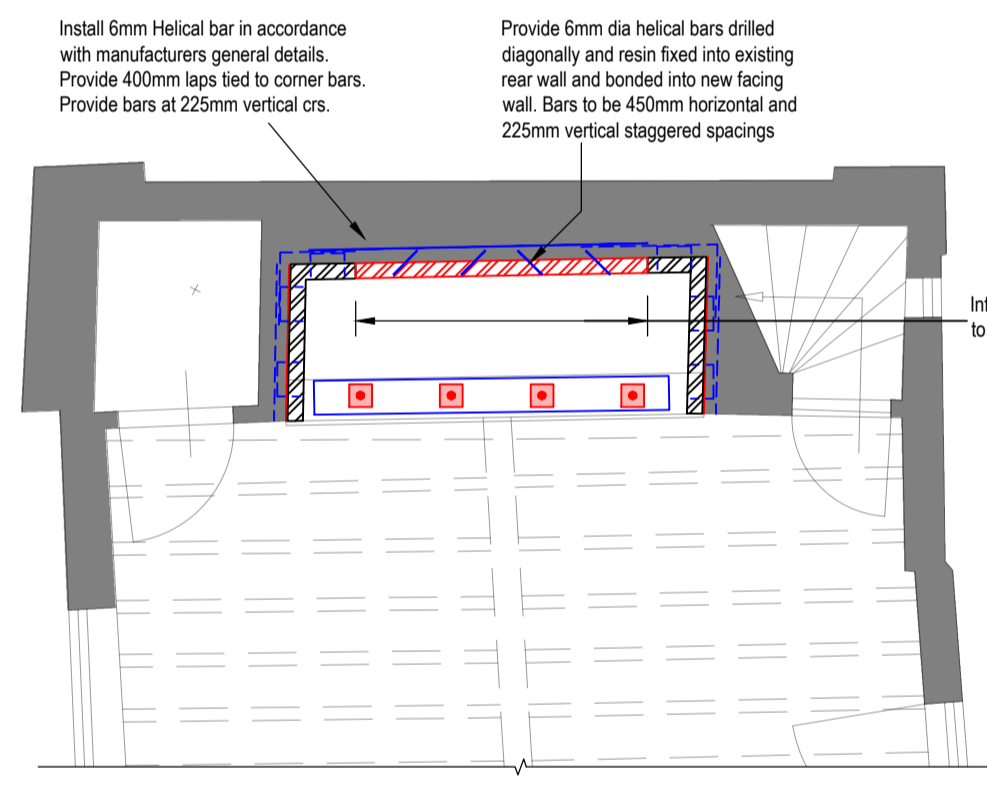
Repeat stages 1-4 to opposite side of chimney



Elevation of Fire Place

NTC

STAGE 5



Plan View on Fire Place

1:50

Install 6mm Helical bar in accordance with manufacturers general details. Provide 400mm laps tied to corner bars. Provide bars at 225mm vertical crs.

Provide 6mm dia helical bars drilled diagonally and resin fixed into existing rear wall and bonded into new facing wall. Bars to be 450mm horizontal and 225mm vertical staggered spacings

Infill with facing brick in bond to match adjacent walls.



Elevation of Fire Place

NTC

STAGE 6

NOTE HELICAL STITCH REPAIRS TO BE UNDERTAKEN TYPICALLY IN ACCORDANCE WITH HELIBAR GUIDANCE SHEET CS05

Provide 6mm dia helical bars drilled diagonally and resin fixed into existing rear wall and bonded into new facing wall. Bars to be 450mm horizontal and 225mm vertical staggered spacings



Plan View on Fire Place

1:50

Install 6mm Helical bar in accordance with manufacturers details, maximum 900mm above lower bar

NOTE HELICAL STITCH REPAIRS TO BE UNDERTAKEN TYPICALLY IN ACCORDANCE WITH HELIBAR GUIDANCE SHEET LR10



Elevation of Fire Place

NTC

STAGE 7

NOTES:

1. This drawing is to be read in conjunction with all relevant Architects, Engineers and sub-contractors drawings, details and specification. All dimensions and setting out shall be calculated from the Architects drawings except where shown.

REPOINTING MASONRY:

- Proposals for repointing should generally be localized and should not extend beyond the area where it is strictly necessary
- Complete or substantial repointing of a facade is not considered to be a repair and is likely to require specific listed building consent.
- All proposed mortars should be matched in colour and material to suit the original building and agreement / listed building consent provided.
- It is a requirement that old mortar is cut out by hand using hooked tools or masonry chisels. Mechanical cutting machinery, and angle grinders in particular should not generally be permitted
- Depth of joint to be removed should be twice the depth of the joint (Typically 20mm) or as required to suit loose mortar. Excessive removal of mortar beds should be avoided.
- Limit extent of repointing to areas of not exceeding 4 No courses high. Where depth of raked out mortar exceeds 20mm, limit areas to ensure integrity of wall panel is not compromised structurally, or seek confirmation from Engineer if in doubt.
- Ensure all mortar is removed from top and bottom of joint leaving a square cut joint. Dust and debris must be removed using brushes or vacuum and thoroughly cleaned to ensure no loose material remains.
- All areas of repointing should be dampened to reduce suction and improve adhesion of the mortar and prevent rapid curing.
- Ensure all areas being repointed are protected with ventilated covers (Hessian or similar) with regular mist spraying to maintain moisture as mortar sets. Where exposed to driving rain or high wind provide plastic sheeting or similar on top of hessian.
- The mortar should be packed firmly into the joint using a pointing iron after all the loose material has been flushed out and the joint wetted first to reduce suction. The inside surfaces of the joint need to be damp but not wet
- Joints need to be thoroughly filled from the back and compacted to avoid voids, and be built up in layers of approx 25mm deep
- The joint should be filled slightly proud of the intended finished level to allow for slight shrinkage and compaction of the mortar as it firms up. Any mortar that is smeared on the masonry should be sponged off with clean water before it has dried
- Where large areas of mortar are to be repointed, ensure 1 week between opening up further areas to allow sufficient time for mortar to cure before exposing further large areas.

This drawing forms an appraisal of elements visible from ground floor level externally and internally. Additionally, internal finishes and stored materials covered other elements preventing a detailed inspection, particularly at low level. We can therefore not accept responsibility for items which were not seen at the time of the inspection, nor made aware of. Access at high level was not possible, nor were there any intrusive investigation works to determine the extent and condition of foundations or concealed structures.

The information presented is based on conditions which were apparent at the time of our inspection in October 2023. We cannot accept responsibility for conditions which may occur at other times. The appraisal is not intended to form a complete schedule of all required repairs, but to highlight the overall condition of principal structure and to serve as a record drawing for marking up by contractor to record repairs.

The exact extent of repair works is to be coordinated with the Contractor & Engineer during the repair works when full access is provided. A detailed assessment will be undertaken by a competent builder to identify areas in need of repair / replacement and Frith Blake / Beech Architects will advised accordingly.

CDM NOTES:

- All works to be undertaken to timber frame should be commenced following the removal of roof tiles to reduce loading.
- Contractor is to notify Engineer and Architect of proposed areas and sequencing of works to ensure it does not have a detrimental affect on stability for other works being undertaken at the same time.
- Temporary works designs and procedures are to be reviewed and agreed with Structural Engineer and Contractor prior to commencement of any works indicated on these or other plans.

P1	Preliminary Issue	20.10.23	DB	JF
REV	DESCRIPTION	DATE	BY	CHK

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PROJECT DETAILS:
Monks Hall Refurbishment
Syleham
Eye, IP21 4LN

CLIENT DETAILS:
Juliet and Bonamy Grimes

DRAWING REFERENCE:
Repair Details
Chimney Repairs to Snug

SCALE:	DATE:	DRAWN BY:	CHECKED BY:
As Noted A1	Nov 2023	DB	JF
PROJECT No:	DRAWING No:	REVISION:	
4289	R06	P1	