



The Forge, Chillenden, Kent, CT3 1PS

Structural Inspection Report

September 2023

A9853

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

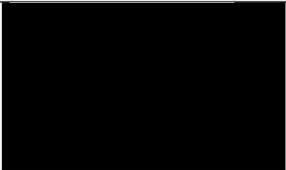

[REDACTED]

[REDACTED]

Document Status and Signatures

Document Status		
Document Reference: A9853/JDM/NG		
Issue Date	Version	Rev
20/09/2023	Final	F1
18/10/2023	Final	F2

File location: N:\Jobs\A9750-A9949\A9853\4 - Reports and Specifications

Signed on behalf of CTP	
Prepared by:	 James Miller – MA CEng FICE FIStructE Conservation Accredited Engineer (Consultant)
Reviewed by:	 Ian Rafter – BEng (Hons) MSc CEng MIStructE (Senior Associate – Heritage)

■ [REDACTED]

■ [REDACTED]

■ [REDACTED]

■ [REDACTED]

■ [REDACTED]

■ [REDACTED]

■ [REDACTED]

■ [REDACTED]

■ [REDACTED]

■ [REDACTED]

■ [REDACTED]

■ [REDACTED]

[REDACTED]

[REDACTED]

■ [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

■ [REDACTED]

■ [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

■ [REDACTED]

[REDACTED]

■ [REDACTED]

[REDACTED]

[REDACTED]

■ [REDACTED]

[REDACTED]

■ [REDACTED]

[REDACTED]

[REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

















[REDACTED]

[REDACTED]

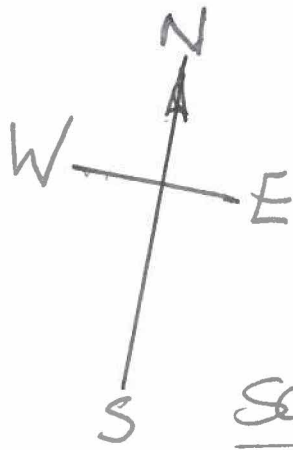






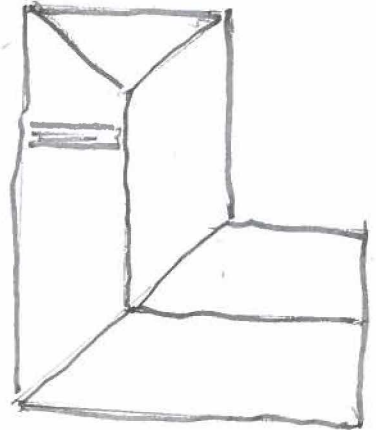




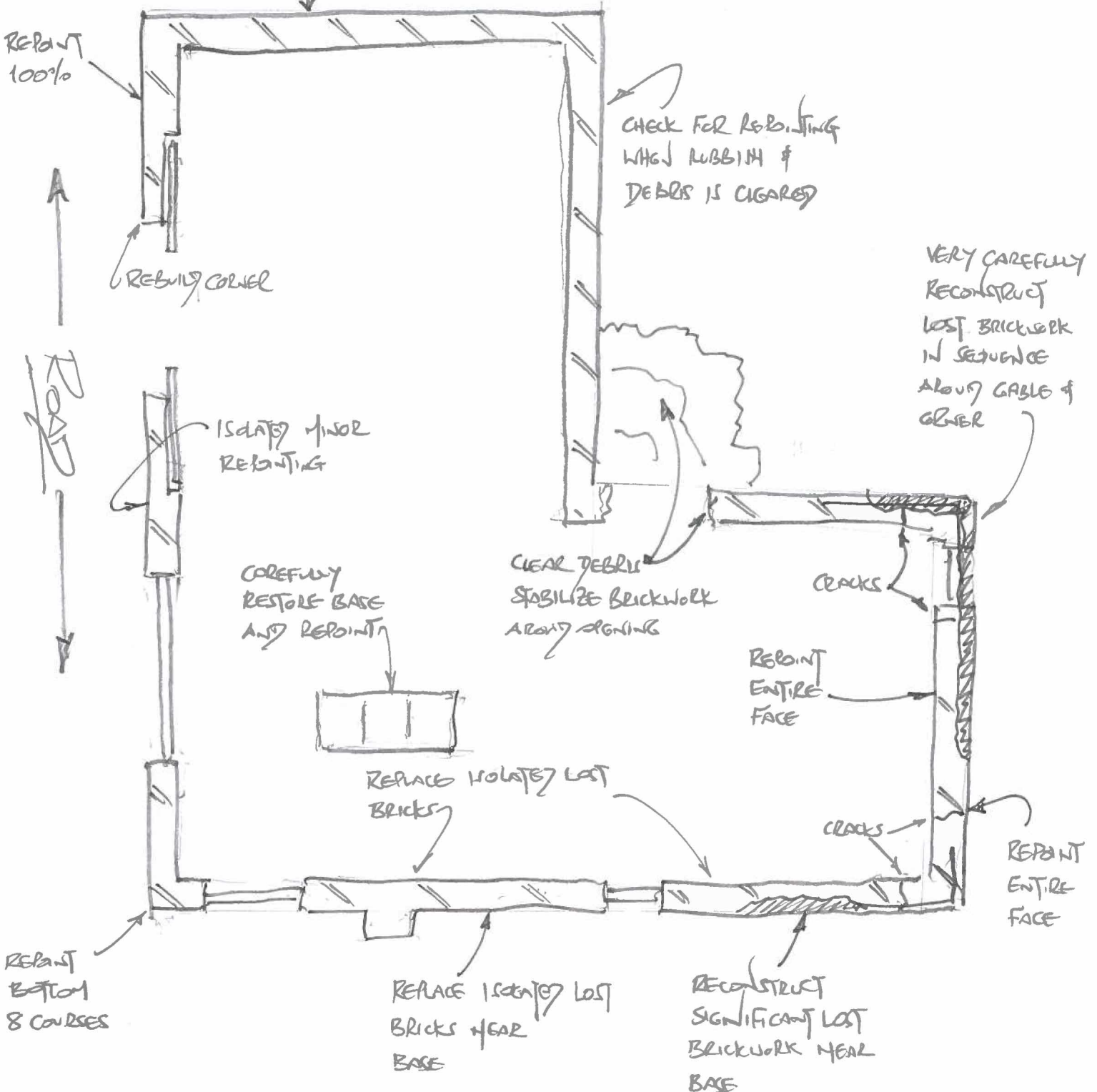


SCHEMATIC PLAN

SCHEMATIC ROOF PLAN

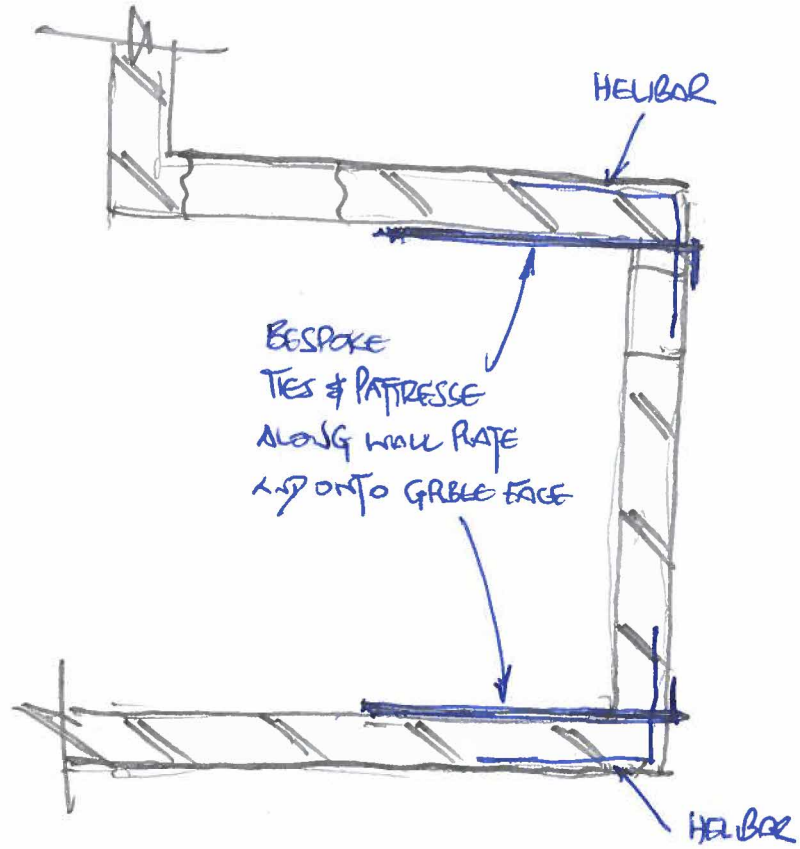


REPOINT BOTTOM 8 COURSES

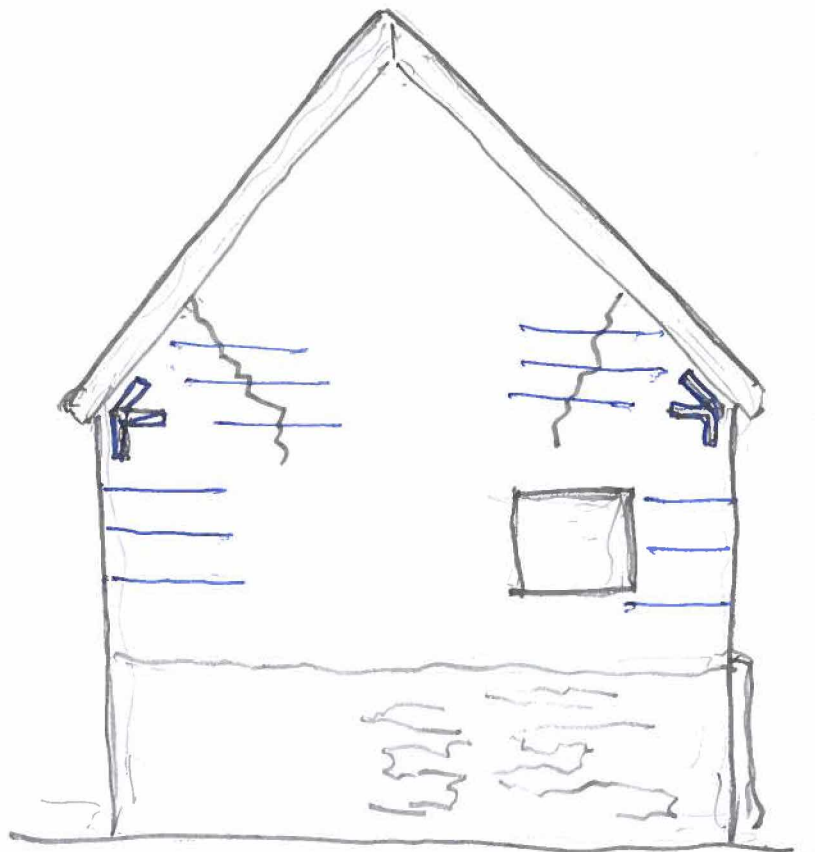


RESTRAINT OF EAST GABLE

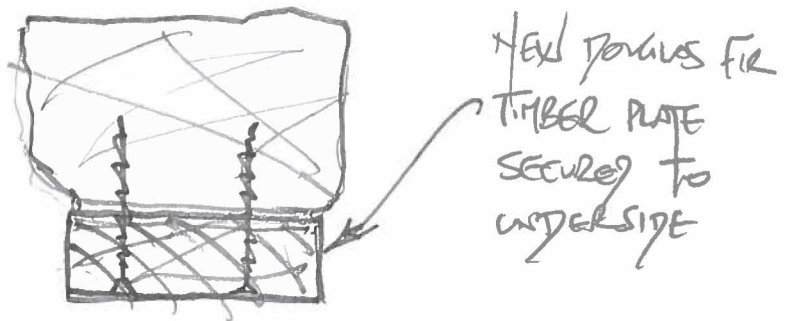
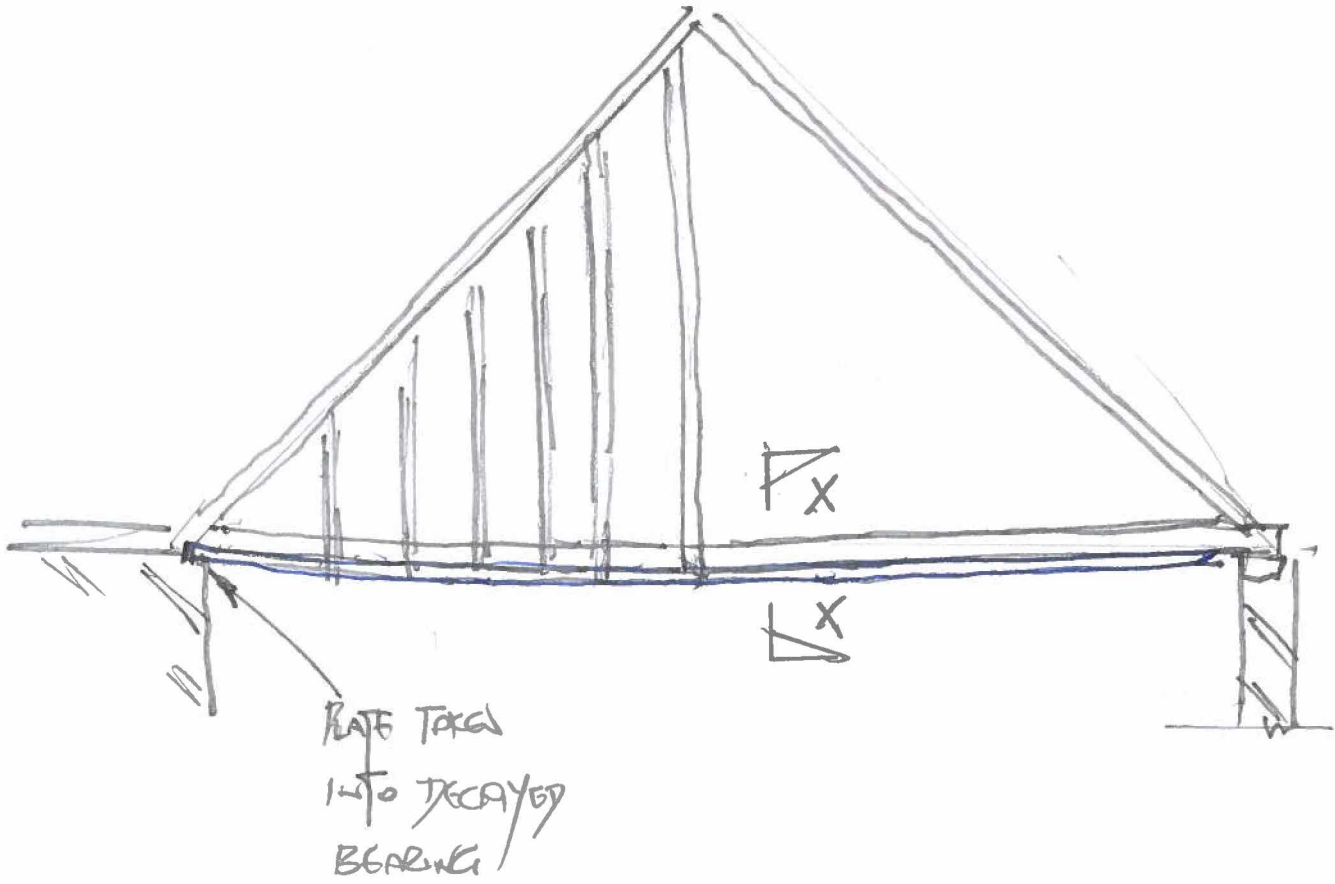
PLAN



EAST
GABLE

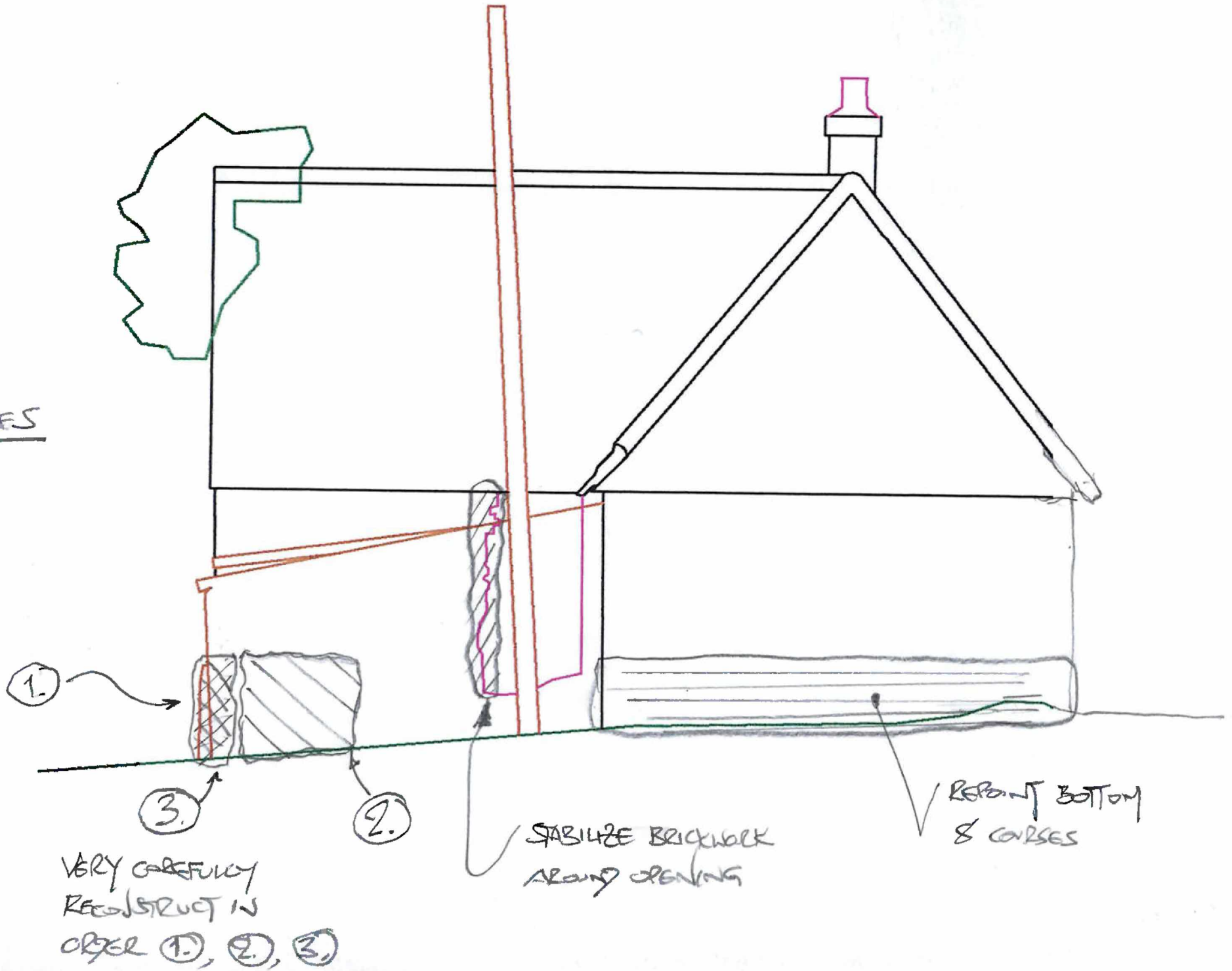


STRENGTHENING OF
TIE BEAM



SECTION X-X

NORTH FACES



VERY CAREFULLY
RECONSTRUCT IN
ORDER (1), (2), (3)

STABILIZE BRICKWORK
AROUND OPENING

REPOINT BOTTOM
8 COURSES

EAST FACES

VERY CAREFULLY
CUT OUT
DEAD VEGETATION

REFER TO DETAIL:
'RESTRAINT OF EAST GABLE'
FOR LATERAL RESTRAINT &
HELIBAR STITCHING

REPOINT
ENTIRE
FACE

CHECK FOR
REMAINING WOOD
RUBBISH & DEBRIS CLEARED

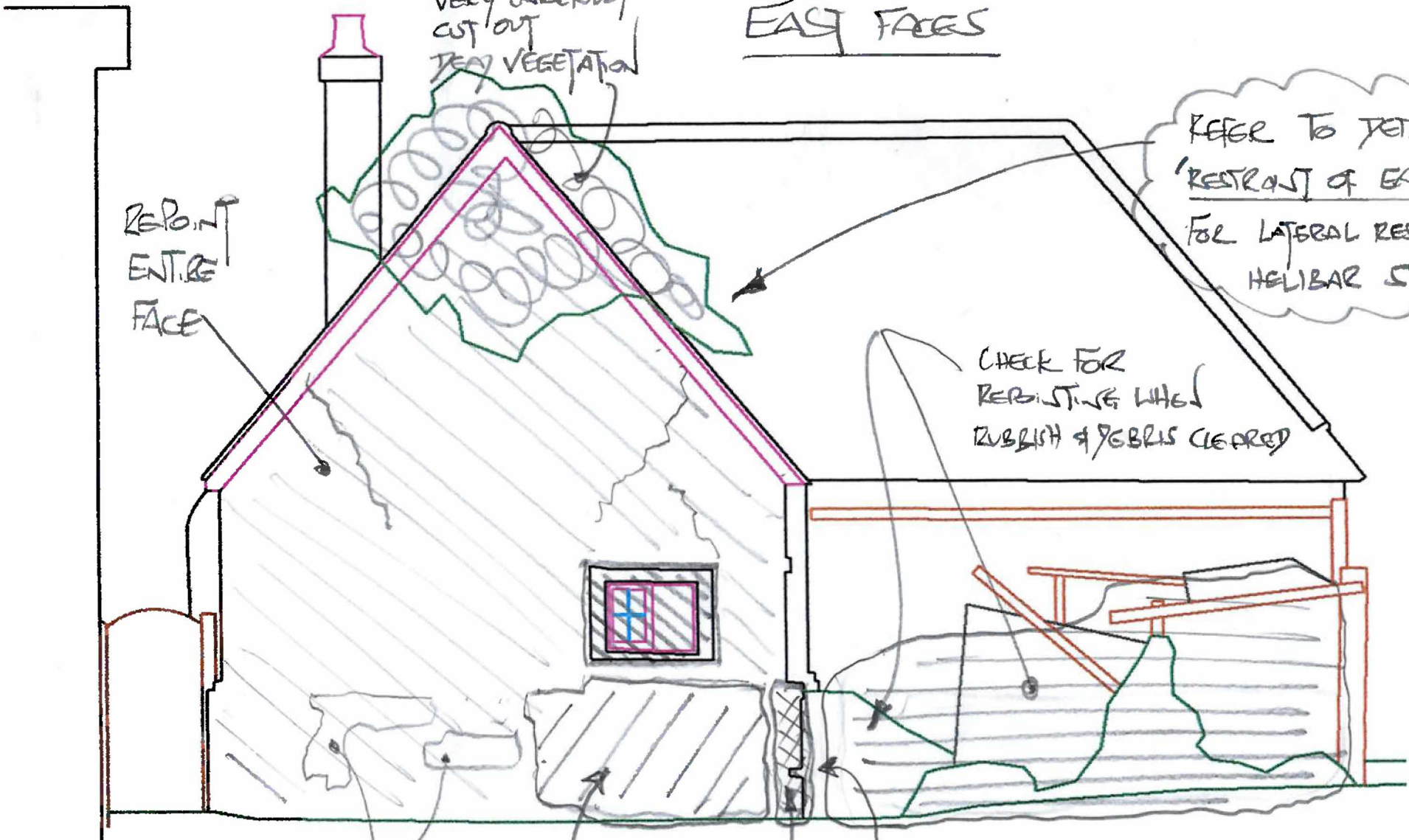
SELECTIVE BRICK
REPLACEMENT

1.

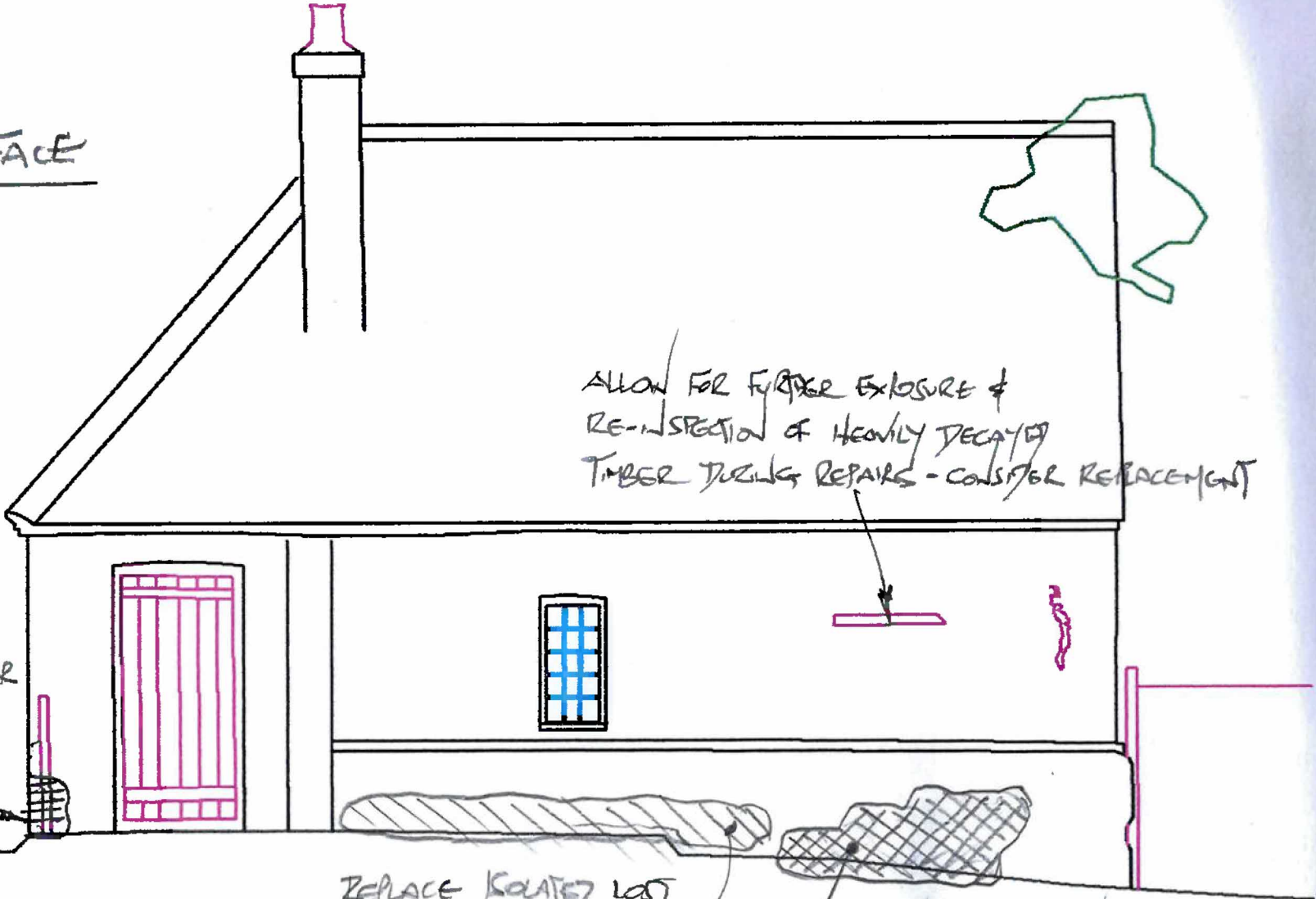
3.

2. (AROUND CORNER)

VERY CAREFULLY
RECONSTRUCT IN
ORDER 1, 2, 3



SOUTH FACE



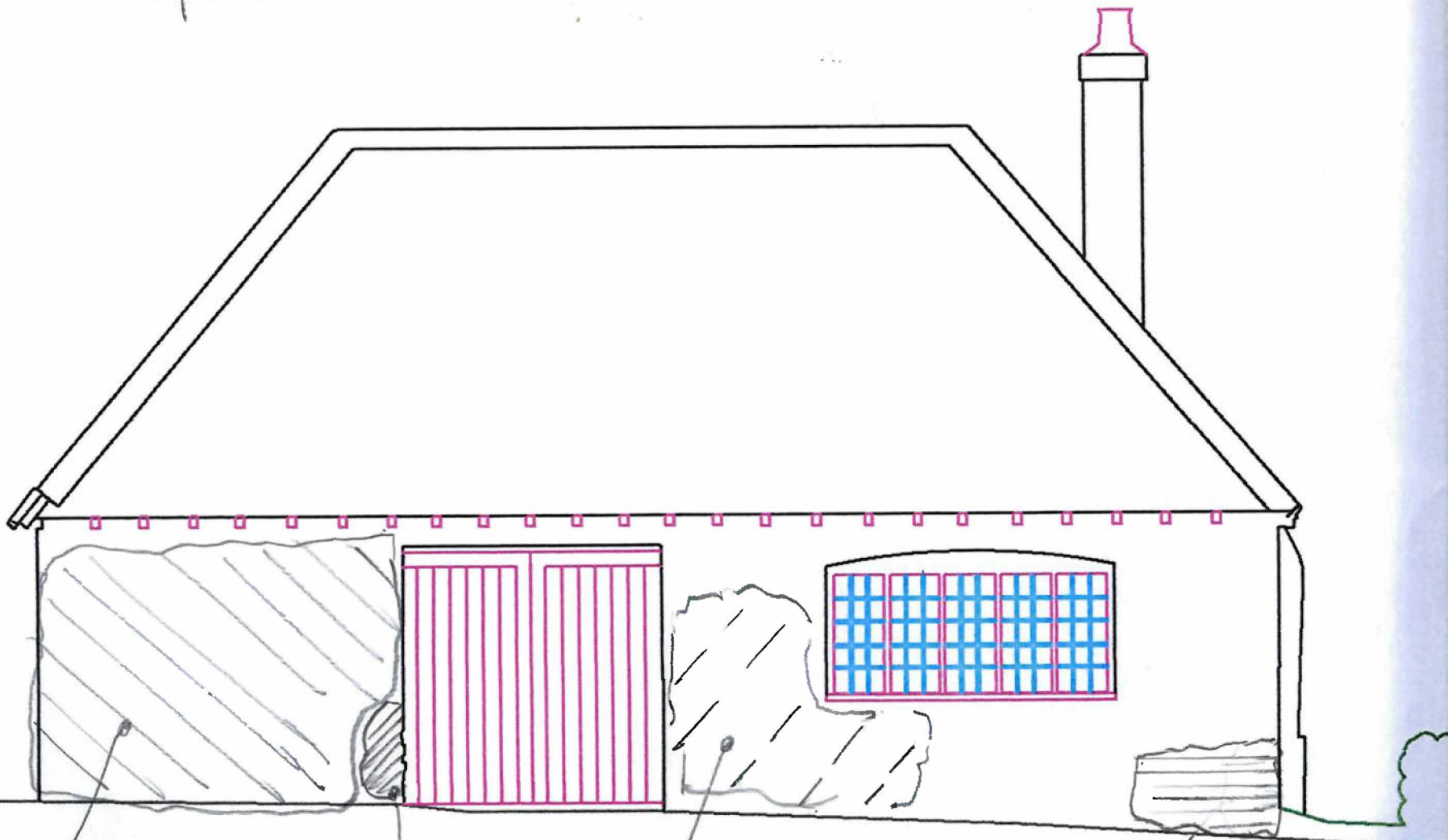
ALLOW FOR FURTHER EXPOSURE &
RE-INSPECTION OF HEAVILY DECAYED
TIMBER TRUSS REPAIRS - CONSIDER REPLACEMENT

REPOINT CORNER
& REPLACE
3 BRICKS

REPLACE KILN-FIRED
BRICKS AT BASE

RECONSTRUCT SIGNIFICANT
LOST BRICKWORK NEAR BASE

WEST FACE



REPOINT 100%
ENTIRE AREA.

REBUILD
CORNER

ISOLATED MINOR
REPOINTING

REPOINT
BOTTOM 8 COURSES



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

