

NEW WALL PLATE TO HEAD
OF NEW STUD WALLS - SEE
SECTIONS D-D & E-E
DRAWING 0142-15.

ALLOW FOR
NEW WALL PLATE TO REPLACE
HEAVILY DECAYED PLATE. ALLOW
150mm SQ.
FURTHER CHUCKS ON EXTG PLATE
TO BG CARRIED OUT ONCE ROOF
FINISHES REMOVED.

CHUCK CONNECTIVITY
OF WALL PLATES TO
TIE BEAMS.
ALLOW FOR
ENHANCEMENT
WITH NEW
STEEL BRACKETS
AND CONUSCREWS,
AS DETAIL 35
AND DETAIL
30-30.

SEE
DETAIL 35

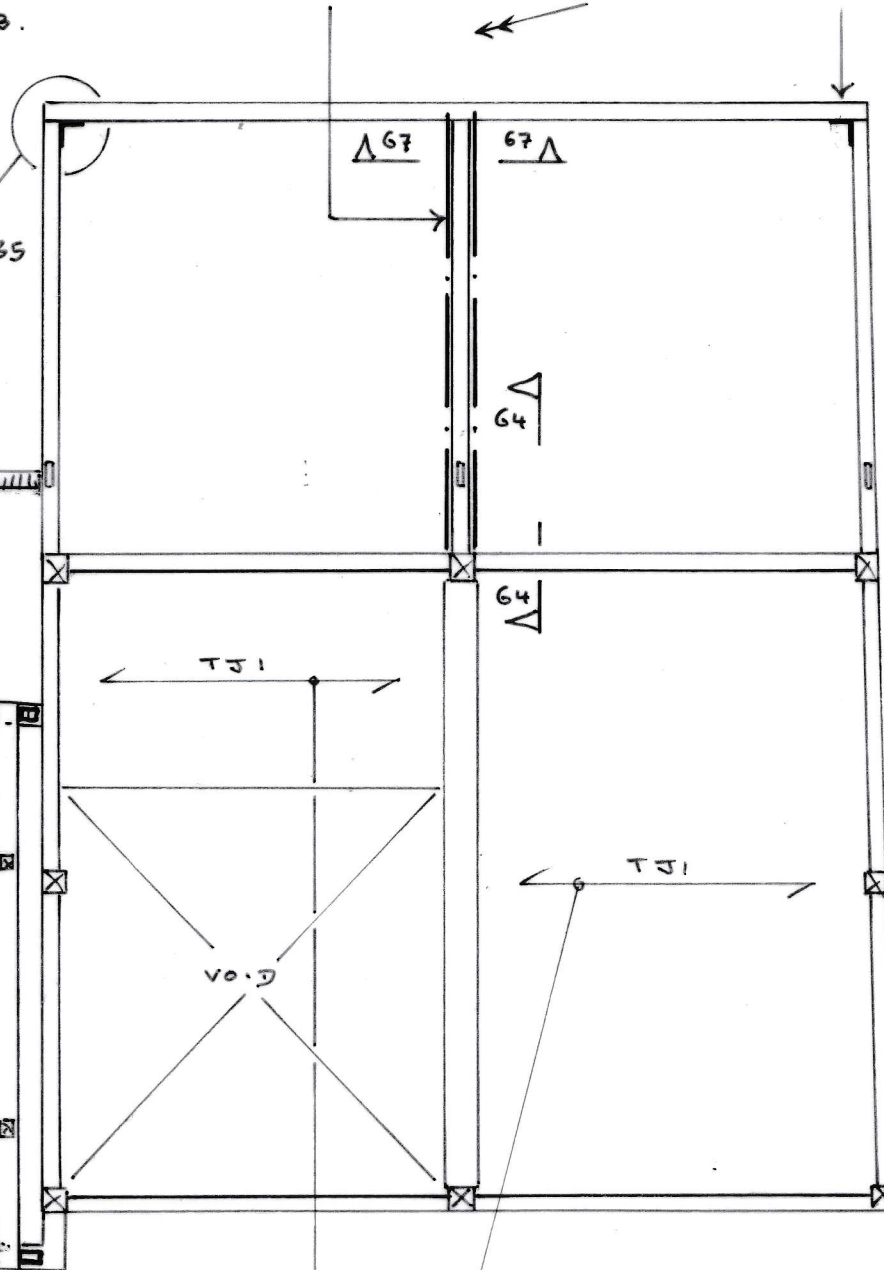
REPLACE LATER ADDED SOFTWOOD
STUDS WITH NEW 100x150mm
OAK STUDS TO SUPPORT STIFFENING
PURLINS OVER. SEE DETAIL 30-30

STEEL SPLICE REPAIR
TO FRACTURED WALL
PLATE. SEE SECTION
B-B, DRAWING 0142-15
AND DETAIL 45-45

STIFFEN EXISTING 1100x130mm DEEP
TIE BEAM WITH 2NO 50x125mm DEEP
NEW OAK SECTIONS; 1NO PLACED EACH
SIDE. SEE SECTION M-M, DRAWING
0142-18.

CHECK CONNECTIVITY OF WALL PLATES
ON CORNERS. ALLOW FOR ENHANCEMENT
WITH NEW STEEL BRACKET AND
CONUSCREWS AS DETAIL 35.

SEE
DETAIL 35



T 31 DENOTES SPAN OF
NEW D40 OAK JOISTS: 75x
125mm DEEP AT 400c/c.
WITH SOLID 50mmx100mm
OAK NOGGINS AT SUPPORTS.
NEW JOISTS TO BEAR ON TOP
FACE OF TIE BEAM/WALL PLATE.

NOTES

- This drawing is to be read in conjunction with all relevant architect's and engineer's drawings and the specification.
- This drawing is based on existing plans of the building prepared by Baker Brown dated Aug 2021.

Rev	Date	Amendment
B	29.01.26	NOTE ADDED
A	22.05.25	DETAIL REFERENCES ADDED
	11.04.23	ISSUED FOR COMMENT

Project: Barn at Brook Farm, Brook Street, Cuckfield
Sketch title: Proposed First Floor and Tie Beam Level Plan
Sketch No: 0142 / 12

Andrew Turner
Engineering

Date: Apr 2025
Scale: 1:50 at A3 Size