

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 CHECKS ON EXISTG PLATE
TO BE CARRIED OUT ONCE ROOF
FINISHES REMOVED.

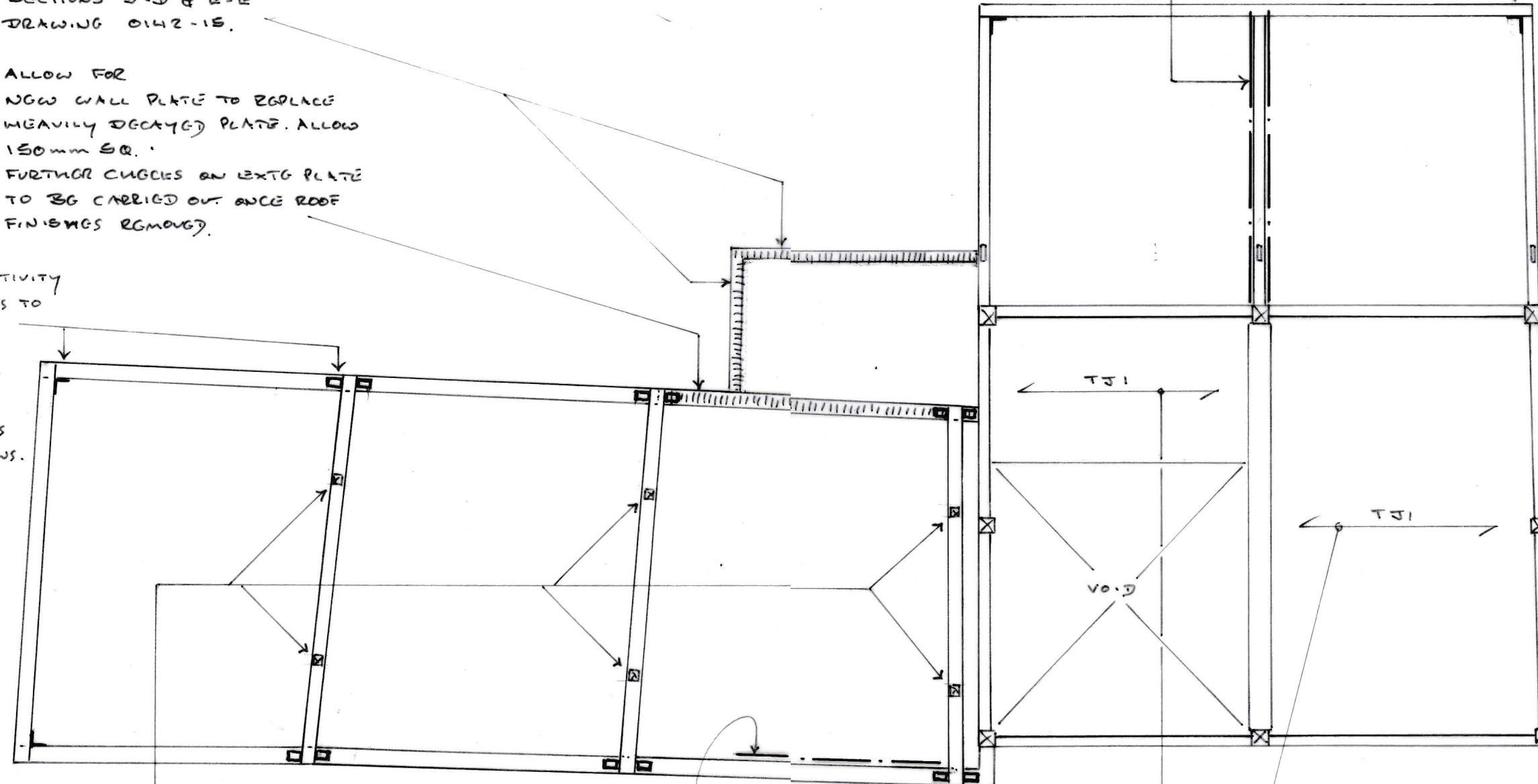
CHECK CONNECTIVITY
OF WALL PLATES TO
TIE BEAMS.
ALLOW FOR
ENHANCEMENT
WITH NEW
STEEL BRACKETS
AND CONUSCREWS.

REPLACE LATER ADDED SOFTWOOD
STUDS WITH NEW 100mm SQ
OAK STUDS TO SUPPORT STIFFENING
PURLINS OVER.

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

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

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



TJ1 DENOTES SPAN OF
NEW D40 OAK JOISTS: 75x
125mm DEEP AT 400c/c.

FOUNDATIONS TO BE CHECKED FOR
ADEQUACY TO SUPPORT ADDITIONAL
DOMESTIC FLOOR IF FOUND TO BE
INADEQUATE SUPPORT NEW FLOOR OFF
INDEPENDENT STEEL FRAME.

NOTES

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

Rev Date Amendment

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

Rev:

Andrew Turner
Engineering

Date: Apr 2025

Scale: 1:50 at A3 Size