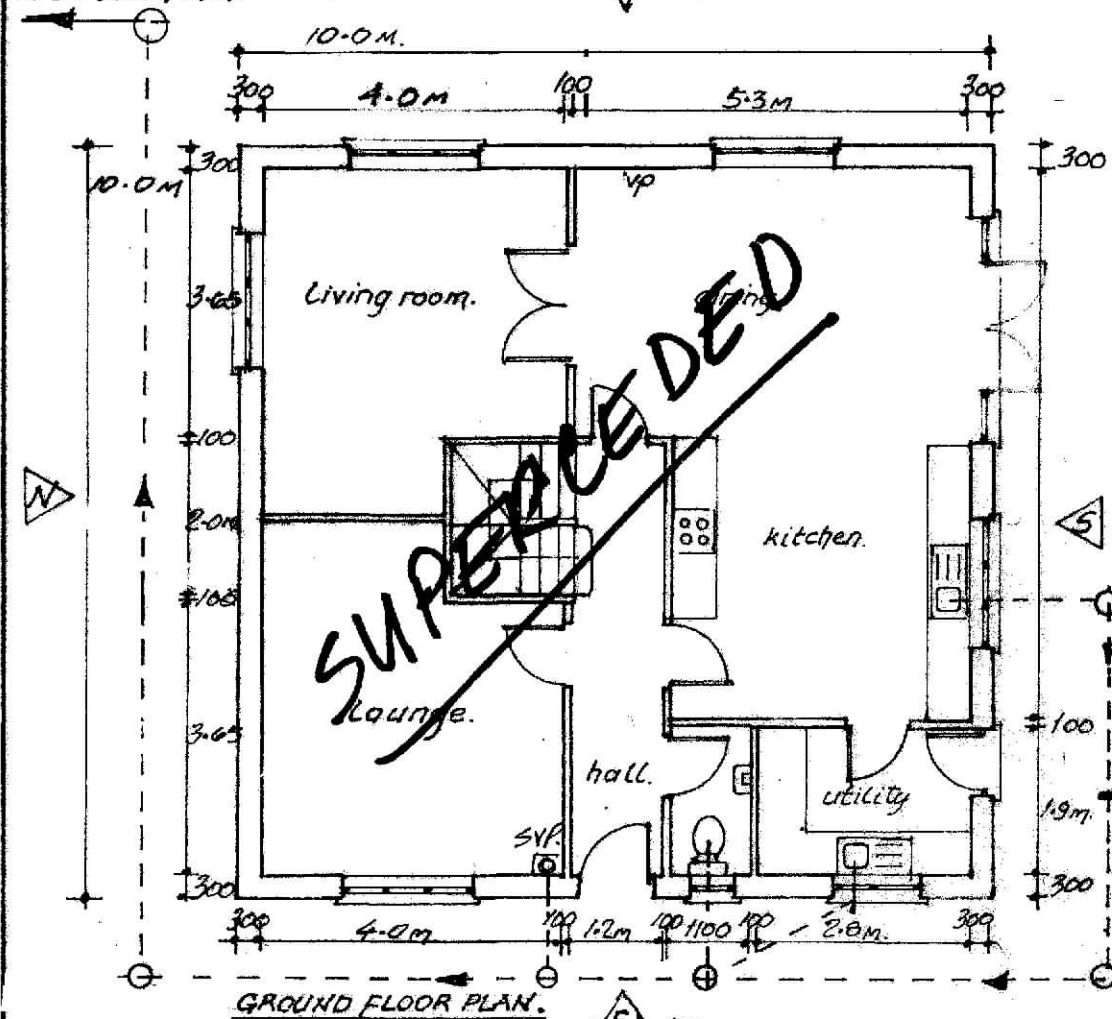
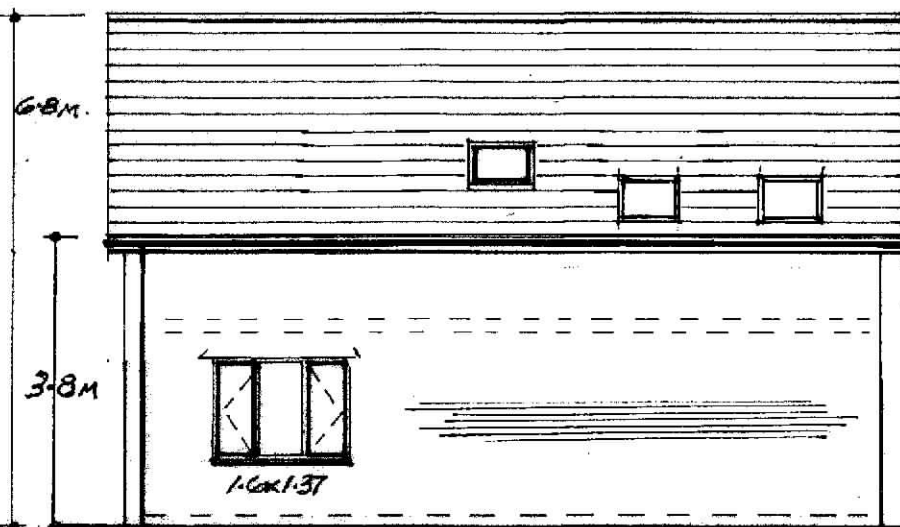
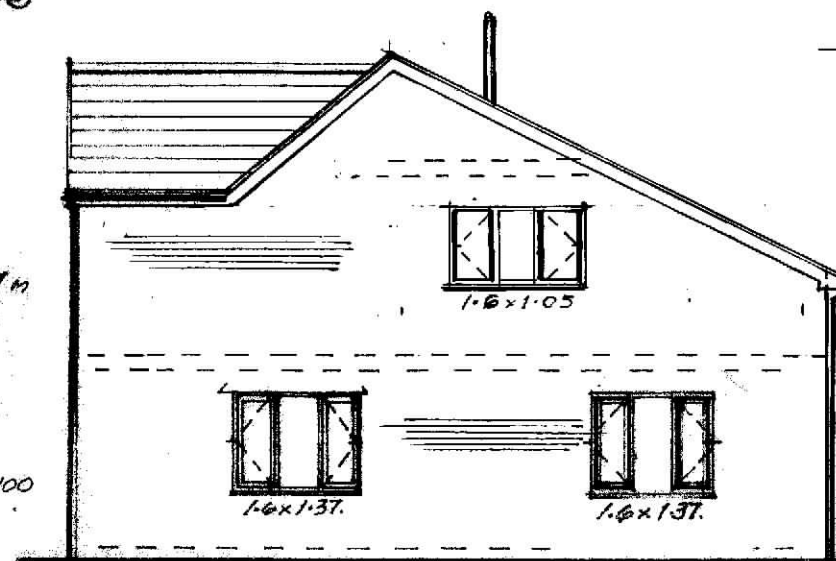
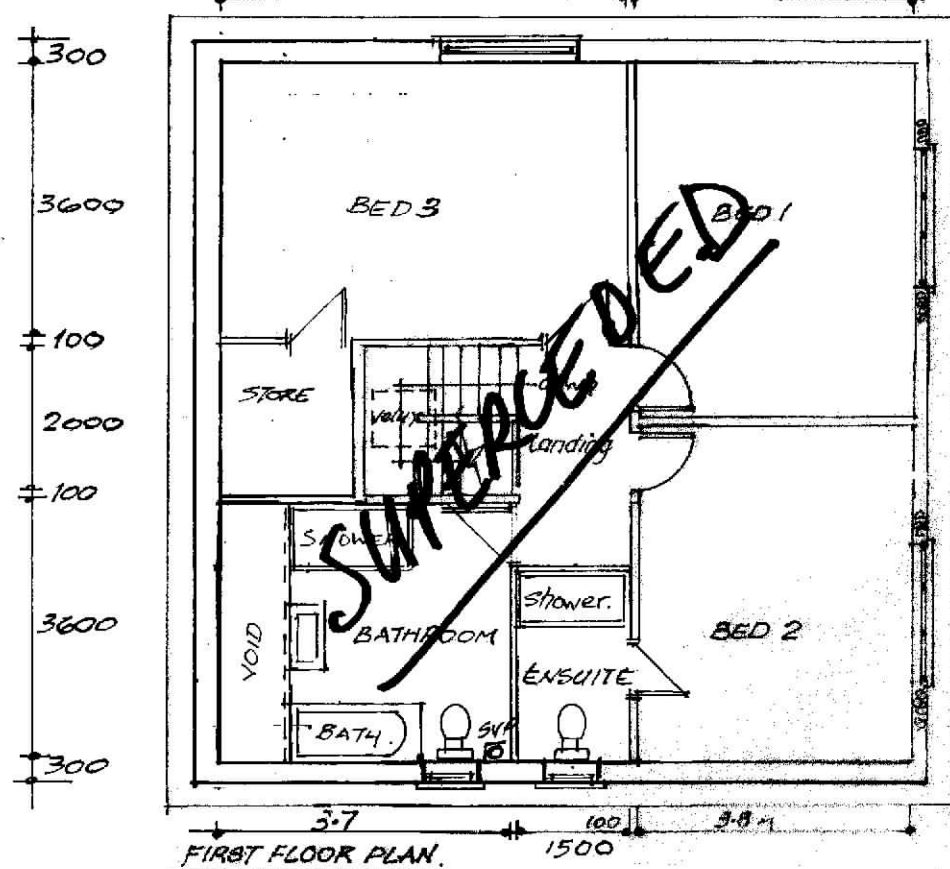


TO EXISTING M.H.



Patio doors 1.85m with 0.5m side panels with top openers.



REAR ELEVATION W

SIDE ELEVATION N

ROOF :- SLATE
WALLS :- CAVITY WALL FACE BRICKWORK
WINDOWS/DOORS :- UPVC + WHITE
FACIA/SOFFIT :- UPVC - WHITE
RAINWATER GOODS :- UPVC - WHITE.

EXTERNAL FINISHES CHANGED. SEPT. 2022. I
BASES HEIGHT RAISED BY 1.2M. AUG 2022. H
WINDOW & DOOR DETAILS CHANGED MAY 2022. G

PROPOSED 3 BED BUNGALOW
for
MR COLIN HUGHES
at
TYLACOCK BUNGALOW
LLANHARRY PONTYCLUN CF72 9LR.
SCALE :- 1:100 DATE :- JULY 2020

DRG N°CHOI-K

ISS K BED 3 & BATHROOM SWAPED AROUND NOV 2022
ISS J WINDOW REMOVED VELUX ADDED BED 3 NOV 2022

CAVITY WALLS:- External skin of brickwork 150mm cavity with 100mm Celotex FR4000 secured to inner skin of medium dense concrete blockwork with stainless wall ties with retaining clips. Wall ties spaced 750mm horiz. 450mm vert and 225mm at openings. Provide cavity trays over openings. Close cavities at eaves and around openings with Thermabate or similar non combustible insulated cavity closures. Provide vertical d.p.c's around openings and abutments. All cavity trays to have min 150mm upstand and have weep holes (min 2) at max 900mm c/s.

47x195mm rafters @ 400mm c/s with 150mm Celotex FR4000 between and 25mm FR4000 under.

47x195mm timber secured to girder truss.

Ventilated soffit with fly screen.

mechanically fixed vented ridge system

3800mm

girder truss

95x245mm purlin

INTERMEDIATE FLOOR:- 22mm t & g weyroc flooring on 72x220 grade C24 joists at 400mm c/s provide noggin as shown. Provide lateral restraint where joists run parallel to walls with 1000x30x5mm galv. M.S. straps @ max 2.0m c/s. Straps to be built into walls and across 3rd joists. Provide noggin between joists at strap positions.

noggin

noggin

12.5mm fire line plasterboard with 3mm plaster skim coat.

sound deadening quilt min density 10kg/m³

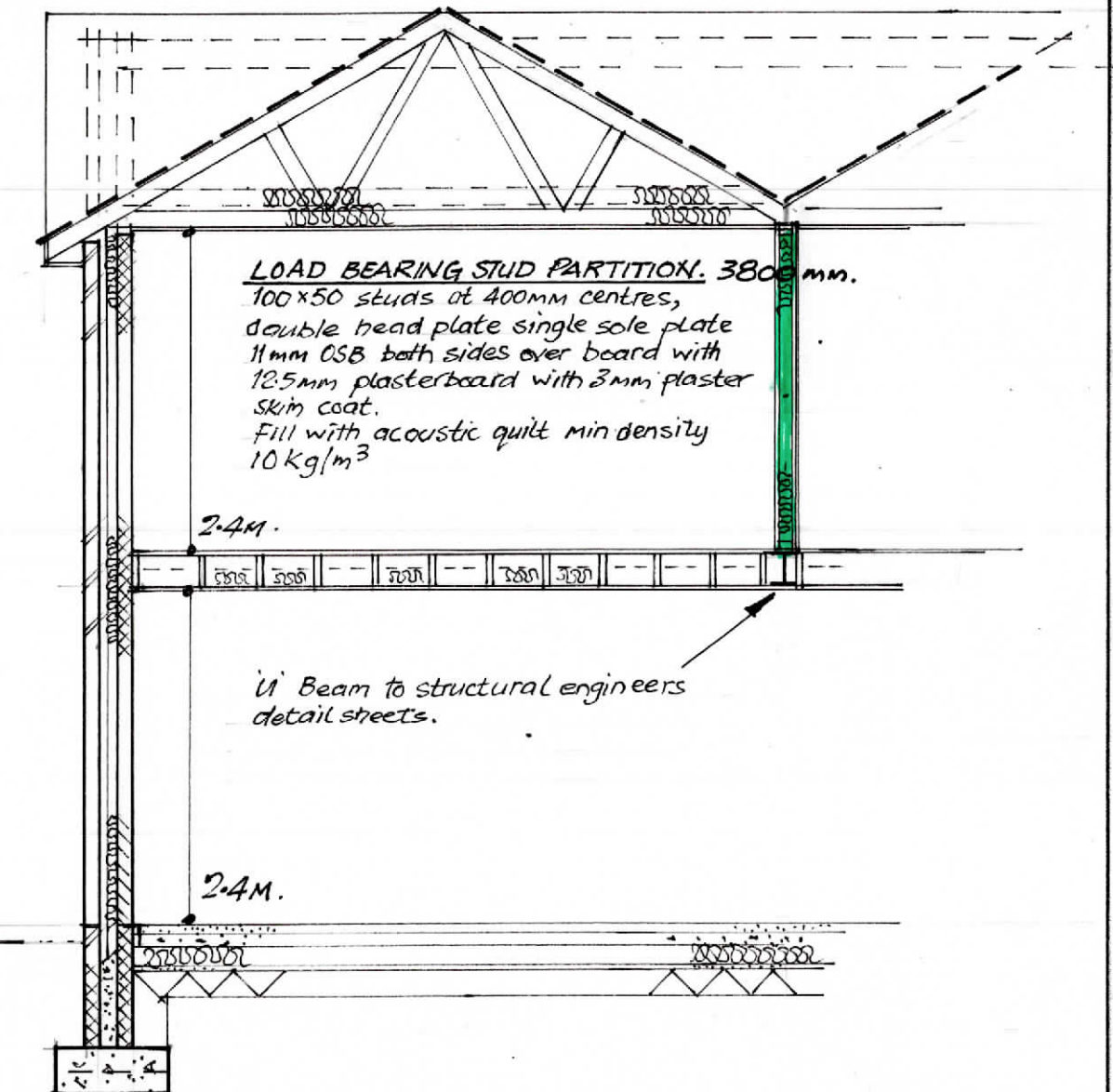
Class A blockwork load bearing wall.

SOLID FLOOR INSULATION BELOW SLAB.
150mm well compacted hardcore bladed with 50mm sand, 1200g dpm, 120mm Celotex FR4000 25mm insulation around floor perimeter. Lay a VCL over insulation and pour 100mm ST2 or GEN 2 concrete slab. Finish with 65mm S&C screed with light mesh reinforcement.

Foundations as per spec. by Rhonda Geotechnical Services.

TRUSSED RAFTER ROOF:- To be designed and manufactured by Manderwood who is to supply structural calculations and all ancillary material schedules. Lateral and diagonal bracing to TRADA spec. Concrete interlocking tiles on 50x25mm tan. s.w. battens on TYVECK breathable roofing membrane all fixed to man. spec. Lay 150mm Rockwool insulation laid between trusses and 170mm over trusses at 90° to first layer.

INTERNAL STUD PARTITIONS:- 100x50mm S.W studs at 400mm c/s with 100x50mm head and side plates, provide horizontal noggin at 1/3 height. Tightly pack with 100mm Rockwool or Isowool mineral fibre sound insulation min density 10kg/m³. Partitions built off doubled up joists where they run parallel or provide noggin where at right angles. Face through out with 12.5mm plaster board and plaster skim.



LOAD BEARING STUD PARTITION. 380mm.

100x50 studs at 400mm centres, double head plate single sole plate 11mm OSB both sides over board with 12.5mm plasterboard with 3mm plaster skim coat. Fill with acoustic quilt min density 10kg/m³

2.4m.

U Beam to structural engineers detail sheets.

2.4m.

NOTES:

All dimensions must be checked on site and not scaled from this drawing.

Client

MR COLIN HUGHES

Job Title

PROPOSED NEW BUNGALOW AT, TLACCOCH BUNGALOW, LLANHARRY, CF72 9LR.

Scale

1:50

Drawn by

P.J.L.

Date

JAN 2023.

Drawing Title

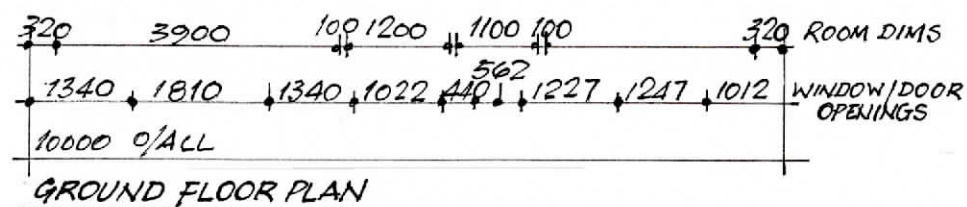
SECTIONS.

Drg No.

CH03

Rev

A



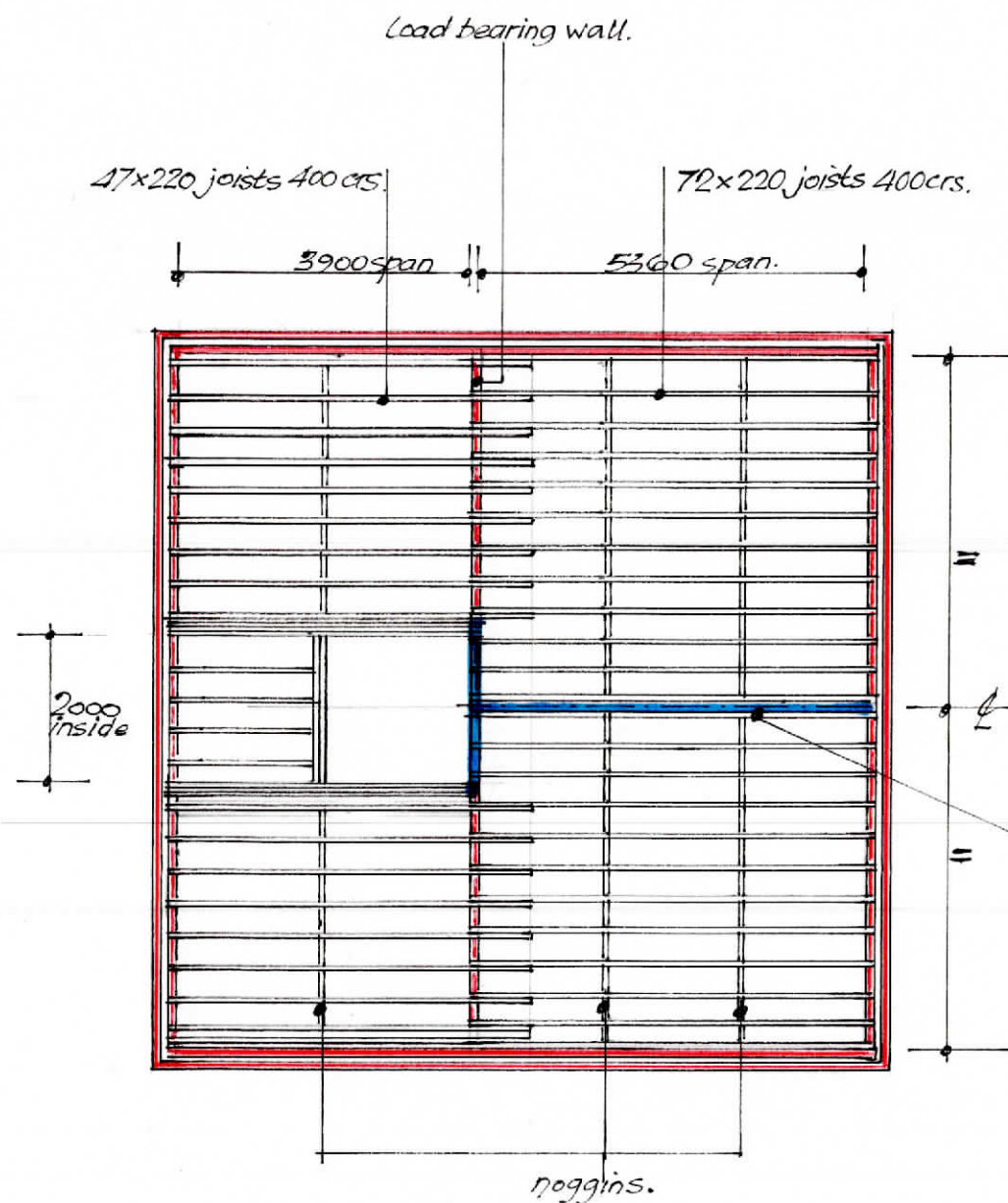
Hand-drawn floor plan of a residential unit. The plan shows a rectangular layout with the following rooms and dimensions:

- Overall Dimensions:** 10000 %ALL (Total width), 320 (Total depth).
- Room Dimensions:**
 - BED 1: 2100 L / 1050 C
 - BED 2: 2100 L / 1050 C
 - BED 3: 2100 L / 1050 C
 - BATHROOM: 2100 W / 1200 C
 - ROBES: 2100 (width)
 - STAIRWELL
 - LANDING
 - ENSUITE
- Other Labels:**
 - 3140, 1585, 5279 (horizontal segments)
 - 5460, 100, 3800 (horizontal segments)
 - Load bearing stud partitions (indicated by green lines)

320 3800 100 1500 100 3800 320
3037 685 890 685 4703
10000% ALL.
FIRST FLOOR PLAN.

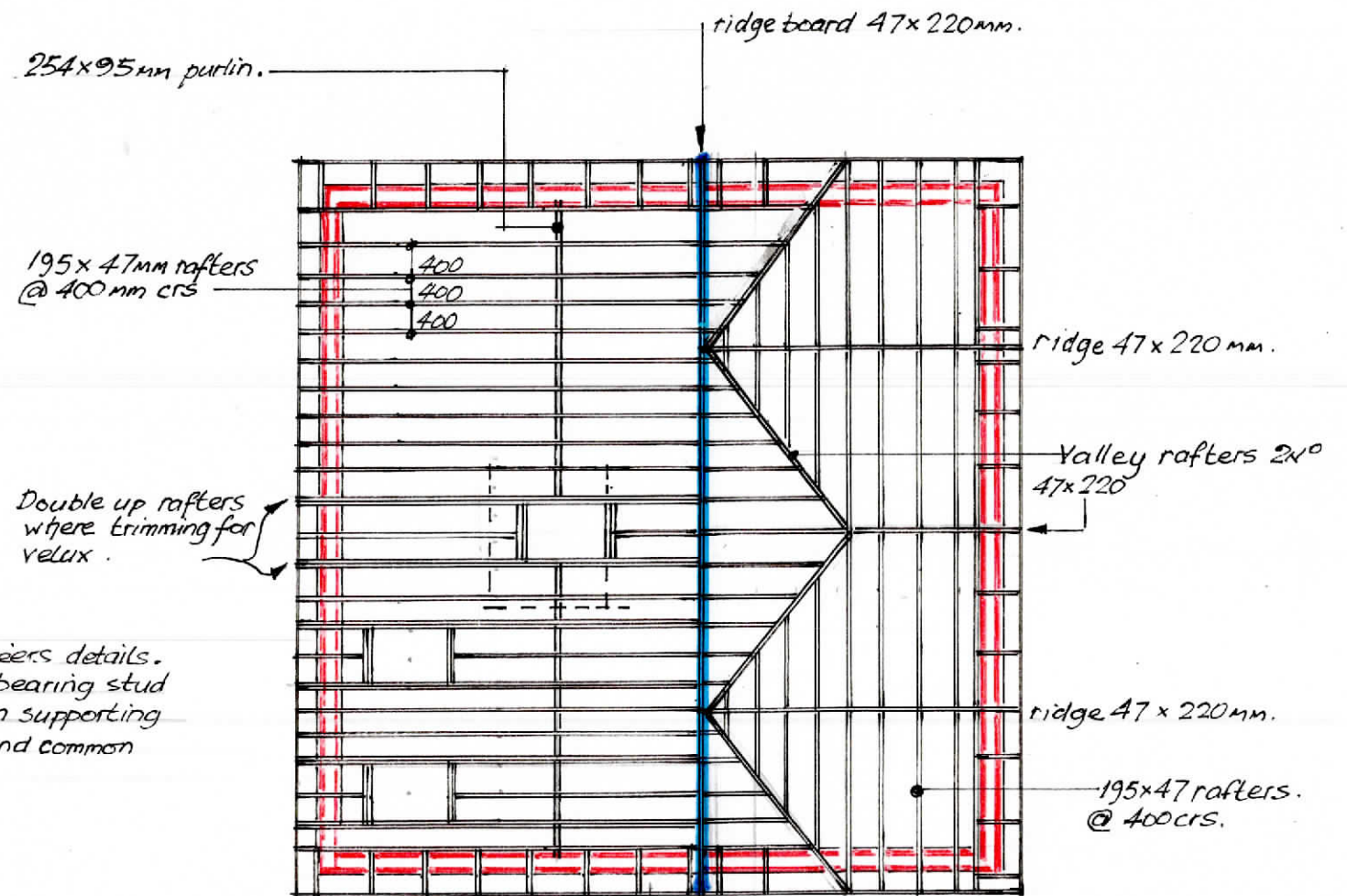
STRUCTURAL OPENINGS IN FIRST FLOOR
STUD PARTITIONS 828W x 2033H.

420x297mm **A3**

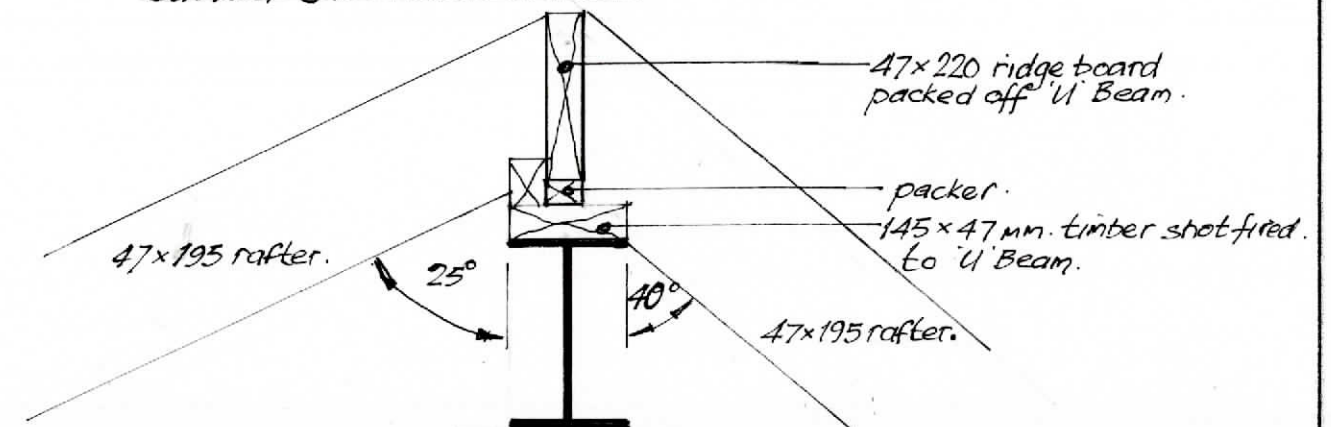


FIRST FLOOR CARCASSING DETAILS.

U Beams to engineers details.
supporting load bearing stud
partition in turn supporting
valley rafters and common
rafters.



CUT ROOF CARCASSING DETAILS.



ALTERNATIVE RIDGE DETAIL.

NOTES:

All dimensions must be checked on site and
not scaled from this drawing.

Client

MR COLIN HUGHES

Job Title

PROPOSED 3 BED BUNGALOW AT
TYLACOGH BUNGALOW, LIANHARRY, CF72 9LR

Scale

1:100

Drawn by

P.J.L

Date

FEB 2023

Drawing Title

FLOOR/ROOF DETAILS.

Drg No.

CH09

Rev

A