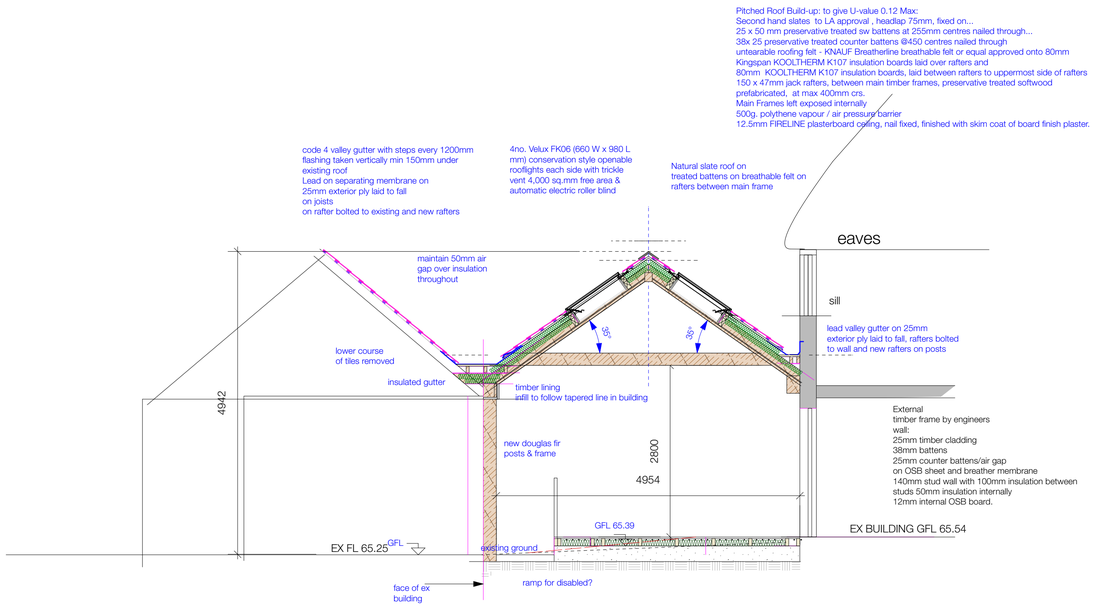
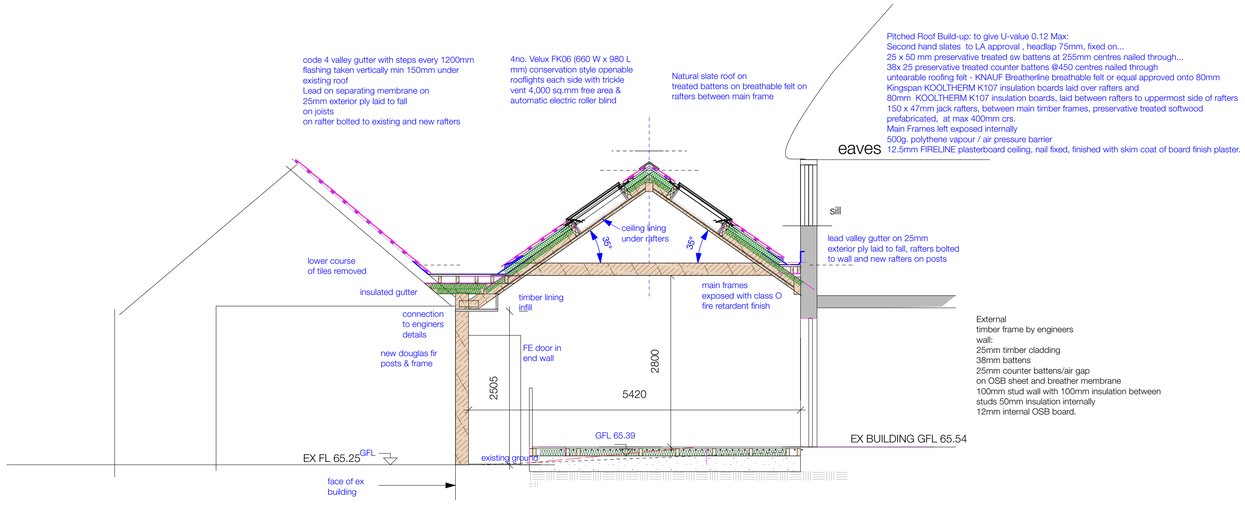


SECTION AA at Eastern End
SCALE 1:50



SECTION BB at Western End (widest gutter)
SCALE 1:50

0 1 3 4 5 M

DATUM 60.00

DATUM 60.00

BUILDING REGULATIONS/SPEC. NOTES:

1.0 SITE PREPARATION

Clear area of new building, break out concrete and all topsoil, vegetable and toxic matter to Building Regs Approved Doc. C, C1 & C2.
Remove any existing foundations, walls, paths, soakaways,drains etc, and fill all soft spots.
Excavate foundations to a depth as agreed with Structural Engineer and Building Control Officer/Inspector prior to laying of concrete.
All work to be in accordance with Workmanship on Building Sites, Part 1, 1989 - CP for excavation & filling.

2.0 FOUNDATIONS AS ENGINEERS DETAILS

Raft or trench foundation all to engineers details
Concrete to be nom. 1:2:4 mix min. 20 mm agg. @ 28 day
strength unless otherwise specified by Struct. Engineer.
Depth, size, and extent of footings dependant on prevailing
ground conditions and to be confirmed on site.
Drains within 1000mm of foundations to be encased in concrete up to underside of foundations.
Trenches to be backfilled with consolidated hardcore fill.
This specification is provisional only, and where adverse or unexpected subsoil conditions are discovered, new
foundations are to be constructed as designed by Structural Engineer.

3.0 FOOTING WALLS 330 o/a (100; 130; 100)

Facing brick (for lower half of external walls) as outer leaf, for
min. 3 no. courses below ground level built up off 100mm
thick dense blocks, with inner leaf likewise in plain dense conc. blocks min 7N strength.
Leaves tied together as noted below, with mortar or lean mix conc. cavity fill up to 150mm of DPC.

4.0 RADON GAS

The necessity for Radon Gas membrane and/or other protection measures are to be confirmed by Local Authority, with final installation to be agreed on site subject to exposure of prevailing ground conditions.
Radon gas may be present on this site and basic protection level measures are required. Refer to ground floor construction below

5.0 DPC MATERIALS generally & at openings:

Provide horizontal dpc cavity tray min. 150 above fin. ground
level as RUBEROID HYLOAD BASIC RADON LEVEL or nearest approved equiv., min. 110mm
wide/to suit wall leaf thickness (projection out
from face as recommended by manufacturer).
Laps in dpc's to be min. 150 mm & bonded as recommended by manufacturer.
Vertical dpc/cold bridging at new cavity wall openings overcome with proprietary cavity closers (THERMABATE or
equal approved) fixed before windows & doors, as wall is ifted, in accordance with manufacturers instructions.
Exact type to be agreed Building Inspector prior to commencement.
Proprietary DPC cavity trays to be built in over lintols to new cavity wall window or door openings in exposed wall situations. Details to Building control approval.
DPM as descibed in Ground Floor construction.

6.0 GROUND FLOOR CONSTRUCTION
See engineers detaiusl for construction

7.0 EXTERNAL CAVITY WALLS:-

External
timber frame by engineers
wall:
25mm timber cladding
38mm battens
25mm counter battens/air gap
on OSB sheet and breather membrane
150mm stud wall with 100mm insulation between
studs 50mm insulation internally
12mm internal OSB board.
Details of unprotected area to gable wall to be agreed with Building Control

8.0 LINTOLS

Above int. doors in block-work partitions, install proprietary prestressed pre-cast conc. lintols to suit wall thickness.
Arch Lintols as indicated with cavity tray and weepholes
Above new ext. door and windows install 150 or 225 deep proprietary insulated galv. steel box lintols. (CATNIC or IG or equal approved for location/application).
All lintols installed with min. end bearings, type and depth to suit opening and application according to manufacturers' recommended instructions/tables.
RC lintels to be provided over drains where passing through footing walls.

9.0 STRUCTURAL TIMBER GENERALLY

All new timber to be c16 grade softwood unless otherwise specified and as confirmed by Structural Engineer, to BS4978, Vac-Vac pressure impregnated with approved preservative to BS 4072.
Cut ends, notches, etc. to be treated on site with appropriate preservative to ensure full protection.
Where joists are notched, notches are to be within top edge 0.1 to 0.2 x span x 28 mm max. Drill holes on centreline of joist in a zone between 0.25 and 0.4 x span x 0.25 x depth, or for Engineered joists - as directed/advised by joist manufacturer.

10.0LEADWORK

Provide code 4 lead stepped or horizontal flashings where flat or pitched roofs abut cavity walls - roof abutment flashings for single lap tiling. Roof and

Workmanship and detailing generally: All lead-work to comply with current good practice
described in the latest edition of "Lead Sheet in Building" published by the Lead Sheet Association.
Apply smear coating of patination oil to all visible lead, evenly in one direction and in dry conditions. Cut, joint and dress lead neatly and accurately; flashings to be free
from ripples, kinks, buckling and cracks.
Do not use scribers/sharp instruments to mark out lead, & do not use solder on any leadwork.
Ensure that finished leadwork is fully supported and adequately fixed to resist wind uplift and also able to take thermal movement without distortion or stress.
Lead sheet: colour marked for thickness and weight and of the type and code specified; milled or machine cast to BSEN 12588:1999 in respect of general quality, chemical
composition, tolerance and thickness.

11.0WINDOWS AND GLAZING

All windows and glazed doors to be aluminium to clients approval thermally
broken double glazed frames including front entrance doors which are to be solid timber - see chosen manufacturer's details.
All new windows, etc. to be double glazed units to comply with App. Doc. L1'A' having at least a 'U'-value of 1.6 W/sq.m.K for o/a unit and min. 1.2 W/sq.m/K centre pane value (WER Band C or better), fitted with 'trickle' vents in head sections to provide background ventilation equiv. to min. 8000 mm sq. free area.

Glazing in critical locations ie. 800 mm above floor level and below inc. glazed doors, to be in 6 or 8mm thick toughened glass (pane sizes to req.ments of App.Doc.N)
to B.S.6206 for all outer panes.

REVISION	DATE	DESCRIPTION	P.M.

HURRELL ARCHITECTURE
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Alresford
Hants
t 01962 736 761
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CLIENT
The Tichborne Arms

PROJECT
Proposed Alterations
The Tichborne Arms

DRAWING
Sections

DRAWING NO. 979-E-103
REVISION

WORKSTAGE	Planning	STATUS	
SCALE @A1	1:50	SCALE@ A3	1:100
DATE	MArch 2022	DRAWN BY	SGH