

CONSTRUCTION

ALL DIMENSIONS TO BE CHECKED ON SITE. BRACKETED DIMENSIONS ARE FOR CHECKING AND NOT FOR SETTING OUT PURPOSES. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT BEFORE COMMENCEMENT.

Notes

DRAWINGS TO BE READ IN CONJUNCTION WITH:
 - CONSTRUCTION BUILD UP NOTES ON ARN-106
 - BUILDING REGS SPECIFICATION ARN-500

Revisions

C1 - 01.02.17 Issued for Construction

Project

NEW HOUSE, ASHFIELD ROAD, NORTON, IP31 3ND

Drawing

FIRST FLOOR PLAN

Drawing No.

ARN-103C1

Scale

1:50 @ A3

Date

05.12.2016

hitchcock architects ltd

18 The Avenue
 Sunbury-on-Thames
 Middx
 TW16 5ES

m: 07855 522478
 e: andrew@hitchcockarchitects.co.uk
 w: www.hitchcockarchitects.co.uk

h^a

CONSTRUCTION NOTES:

F1 - GROUND FLOOR (U-value of 0.13w/m2k)
 15mm Floor finishes
 60mm Gyvlon Screed
 (with underfloor heating pipes)
 500guage polythene
 140mm Celotex rigid insulation
 155mm beam and block
 DPM 1200guage
 225mm ventilated void space

F2 - UPPER FLOOR
 15mm carpet and underlay (by others)
 22mm t&g chipboard
 underfloor heating reflector plates and pipes
 250mm posi - joists at 400ctrs
 100mm rockwool insulation
 1 x 15mm plasterboard and skim
Note 2: for all tiled floors add 12mm hardibacker and Ditra decoupling membrane on top of t&g chipboard

W1 - BRICK PLINTH WALL (U-value required of 0.26w/m2k)
 102mm red facing brickwork TBC
 100mm Plasmor fibolite clay aggregate blockwork (0.23k)
 75mm Knauf Dritherm Cavity Slab 32 Super insulation
 100mm Celcon aircrete blockwork (0.15k)
 12.5mm dot and dab plasterboard with skim

W2 - RENDERED WALL (U-value of 0.23w/m2k)
 20mm sand/ cement/ lime 2 coat render with galvanised EML
 100mm Plasmor fibolite clay aggregate blockwork (0.23k)
 100mm Knauf Dritherm Cavity Slab 32 Super insulation
 100mm Celcon aircrete blockwork (0.15k)
 12.5mm dot and dab plasterboard with skim

W3 - WEATHERBOARD WALL (U-value of 0.23w/m2k)
 ex32 x 175mm feather edge boarding
 50 x 25mm treated sw battens
 building paper
 100mm Plasmor fibolite clay aggregate blockwork (0.23k)
 100mm Knauf Dritherm Cavity Slab 32 Super insulation
 100mm Celcon aircrete blockwork (0.15k)
 12.5mm dot and dab plasterboard with skim

W4 - INTERNAL BLOCKWORK
 12.5mm dot and dab plasterboard with skim
 100mm 100/ 140mm Celcon aircrete blockwork
 12.5mm dot and dab plasterboard with skim

W5 - INTERNAL STUDWORK
 12.5mm plasterboard and skim
 100 x 50mm regularised sw studwork at 400 ctrs
 25mm isover insulation in between
 12.5mm plasterboard and skim
Note 1: for all bathrooms/wc's add 12mm plywood reinforcement where required and substitute standard plasterboard for moisture resistant plasterboard
Note 2: for all tiled walls add 12mm hardibacker and omit plasterboard

R1 - MAIN ROOF (U-value of 0.13w/m2k)
 Red clay pan tile TBC
 25 x 50mm treated sw battens for 600mm rafter spacings
 Breather membrane
 Trusses (175mm rafters)
 ventilated roof space (soffit vents)
 300mm Rockwool laid between/ over Attic joists
 15mm plasterboard and skim
Note: where insulation follows pitch
 25mm ventilation (soffit and ridge vents)
 120mm Cellotex Pitched Roof Board between to eaves
 50mm Cellotex Pitched Roof Board under (aluminium taped)

R2 - DORMER ROOF (U-value of 0.13w/m2k)
 500 x 250 natural slate, nail fixed with minimum 95mm head
 25 x 50mm treated sw battens for 600mm rafter spacings
 Breather membrane
 Cut Rafters(175mm rafters)
 ventilated roof space (soffit vents)
 300mm Rockwool laid between/ over Attic joists
 15mm plasterboard and skim
Note: where insulation follows pitch
 25mm ventilation (soffit and ridge vents)
 120mm Cellotex Pitched Roof Board between to eaves
 50mm Cellotex Pitched Roof Board under (aluminium taped)

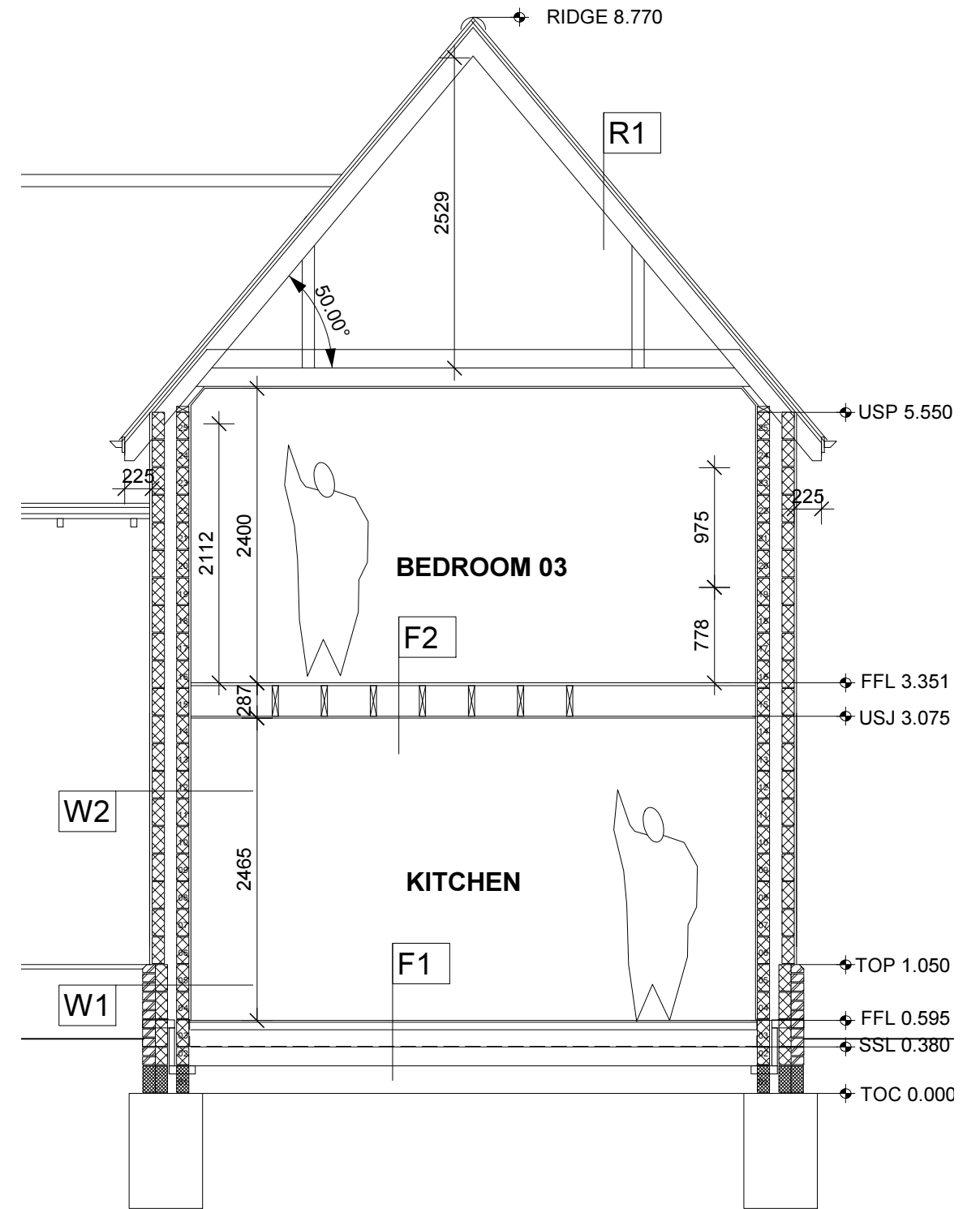
R3 - DORMER CHEEKS (U-value of 0.25w/m2k)
 Code 5 lead sheets with clip in welts at 450ctrs
 18mmWBP plywood on 38 x25mm vertical battens
 continuous ventilation gap provided at high level
 100x 50mm dormer studs with 100mm Cellotex between and 25mm inside (aluminium taped).
 15mm plasterboard and skim.

WINDOWS (U-value of 1.4w/m2k)
 Painted sw casement windows
 Factory glazed with 24mm Low E

ROOFLIGHTS (U-value of 1.3w/m2k)
 Velux GGL PK06 94 x 118cm

EXTERNAL DOORS (U-value of 1.4w/m2k)
 Painted sw frames
 Factory glazed with 28mm Low E

RWP's & GUTTERING
 half round black uPVC



SECTION CC

CONSTRUCTION

ALL DIMENSIONS TO BE CHECKED ON SITE. BRACKETED DIMENSIONS ARE FOR CHECKING AND NOT FOR SETTING OUT PURPOSES. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT BEFORE COMMENCEMENT.

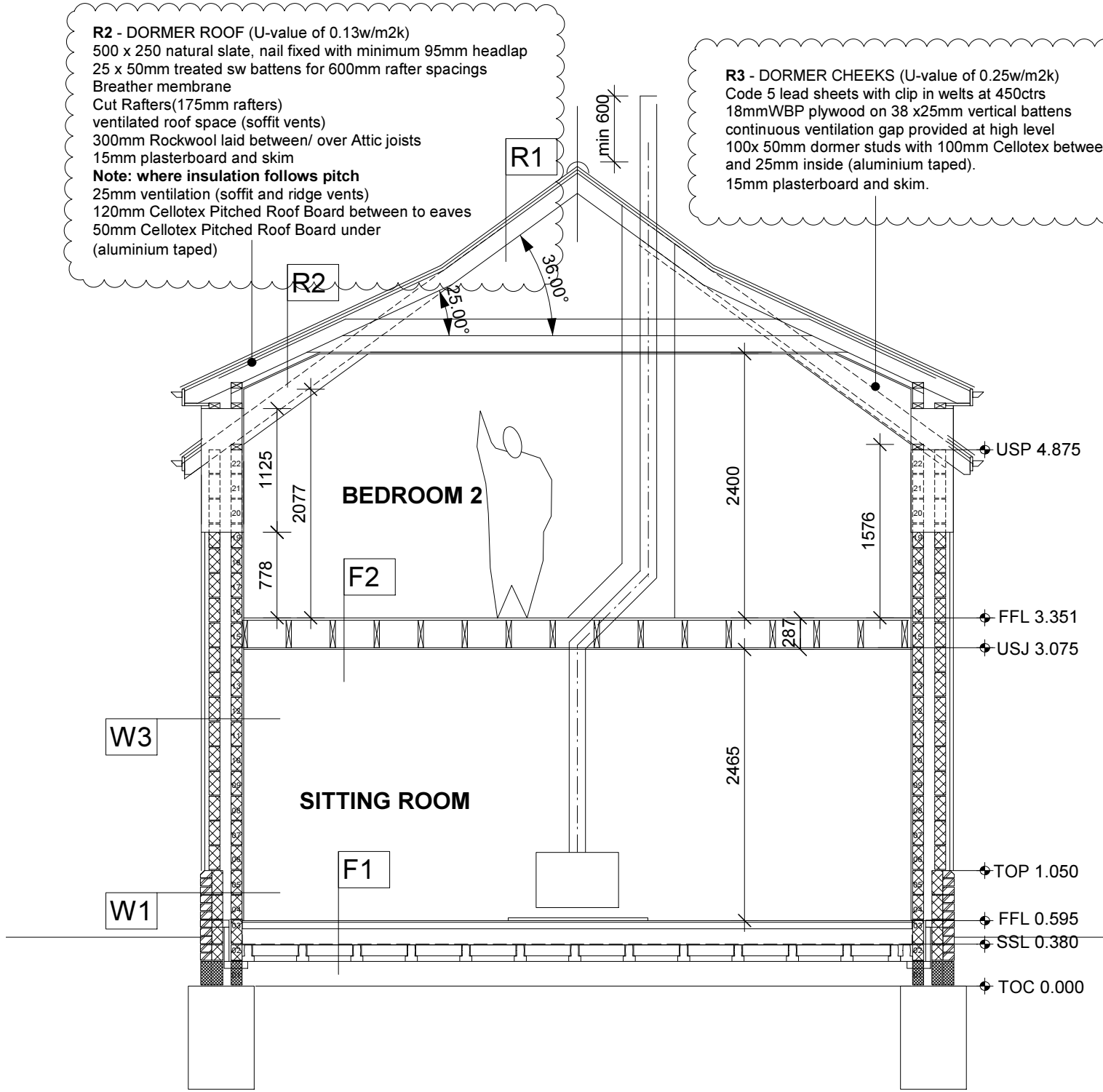
Notes	DRAWINGS TO BE READ IN CONJUNCTION WITH: - CONSTRUCTION BUILD UP NOTES ON ARN-106 - BUILDING REGS SPECIFICATION ARN-500	Revisions
		C1 - 01.02.17 Issued for Construction

Project NEW HOUSE, ASHFIELD ROAD, NORTON, IP31 3ND		hitchcock architects ltd 18 The Avenue Sunbury-on-Thames Middx TW16 5ES m: 07855 522478 e: andrew@hitchcockarchitects.co.uk w: www.hitchcockarchitects.co.uk
Drawing SECTION CC & CONSTRUCTION BUILD UP NOTES		
Drawing No. ARN-106C1	Scale 1:50 @ A3	Date 05.12.2016

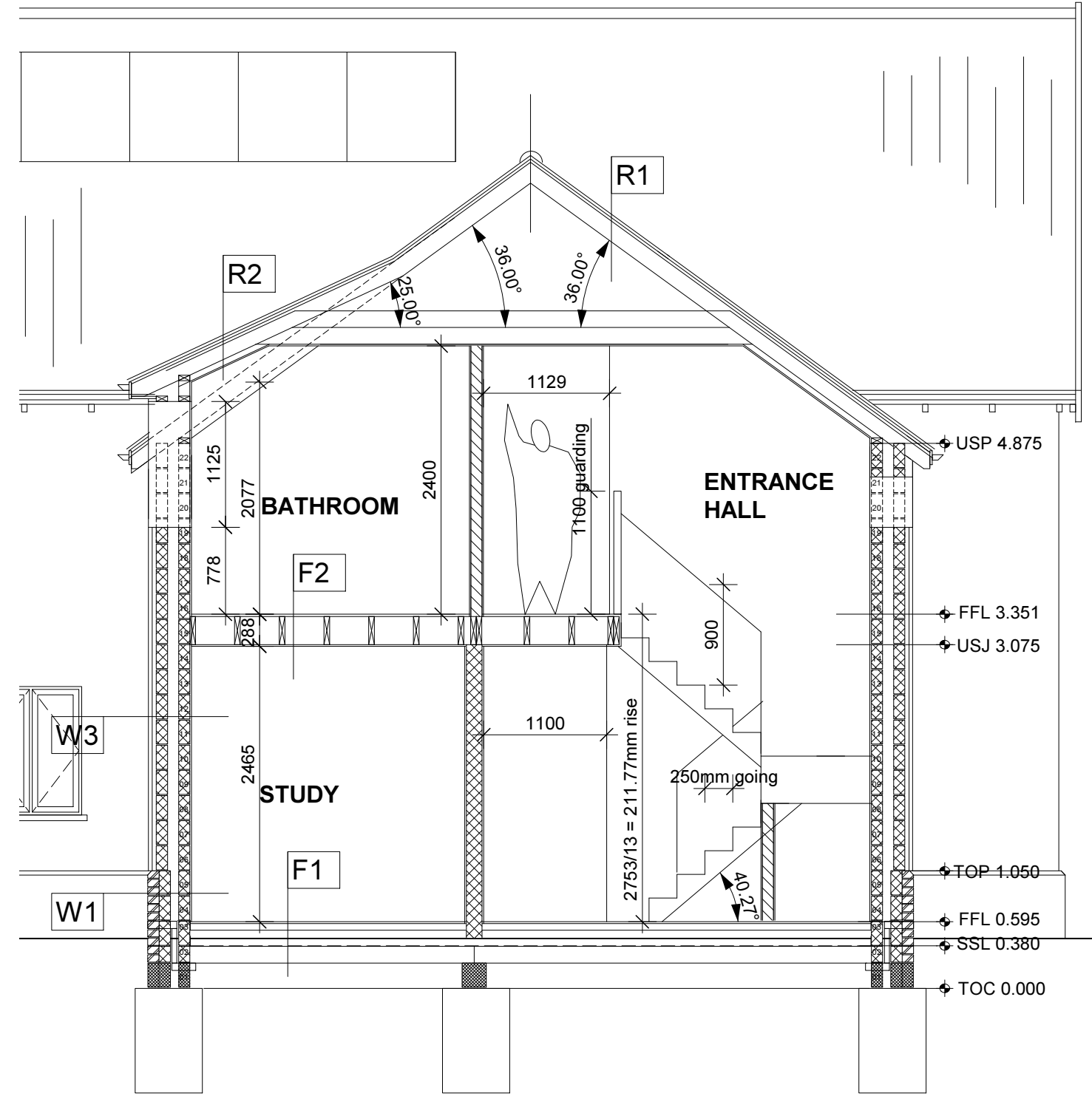


R2 - DORMER ROOF (U-value of 0.13w/m2k)
 500 x 250 natural slate, nail fixed with minimum 95mm headlap
 25 x 50mm treated sw battens for 600mm rafter spacings
 Breather membrane
 Cut Rafters(175mm rafters)
 ventilated roof space (soffit vents)
 300mm Rockwool laid between/ over Attic joists
 15mm plasterboard and skim
Note: where insulation follows pitch
 25mm ventilation (soffit and ridge vents)
 120mm Cellotex Pitched Roof Board between to eaves
 50mm Cellotex Pitched Roof Board under
 (aluminium taped)

R3 - DORMER CHEEKS (U-value of 0.25w/m2k)
 Code 5 lead sheets with clip in welts at 450ctrs
 18mmWBP plywood on 38 x25mm vertical battens
 continuous ventilation gap provided at high level
 100x 50mm dormer studs with 100mm Cellotex between
 and 25mm inside (aluminium taped).
 15mm plasterboard and skim.



SECTION AA



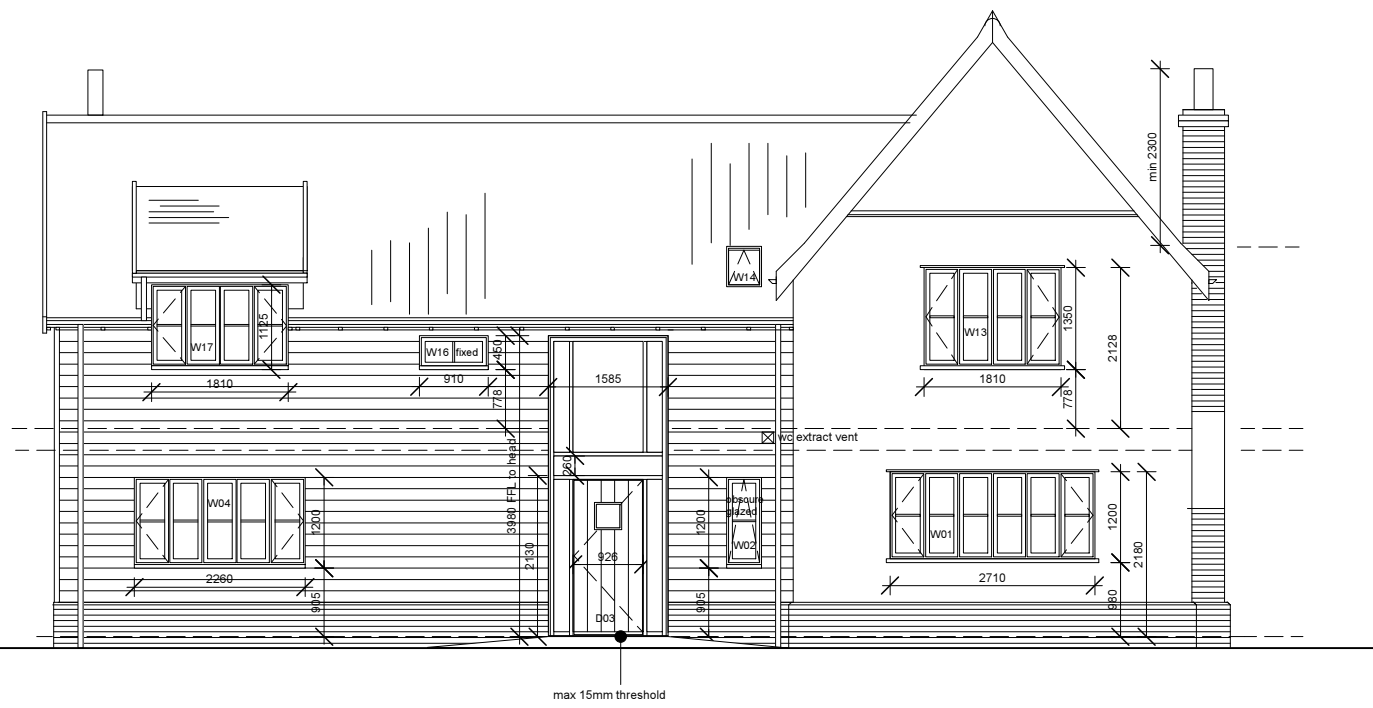
SECTION AA

ALL DIMENSIONS TO BE CHECKED ON SITE. BRACKETED DIMENSIONS ARE FOR CHECKING AND NOT FOR SETTING OUT PURPOSES. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT BEFORE COMMENCEMENT.

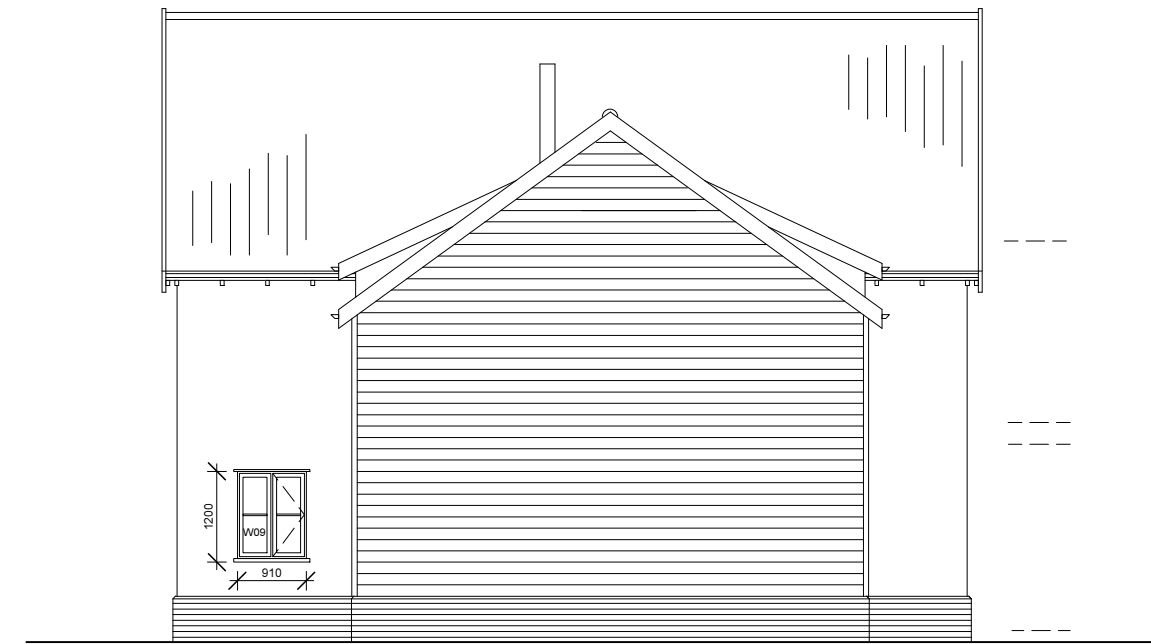
Notes	DRAWINGS TO BE READ IN CONJUNCTION WITH: - CONSTRUCTION BUILD UP NOTES ON ARN-106 - BUILDING REGS SPECIFICATION ARN-500	Revisions
		C1 - 01.02.17 Issued for Construction

CONSTRUCTION

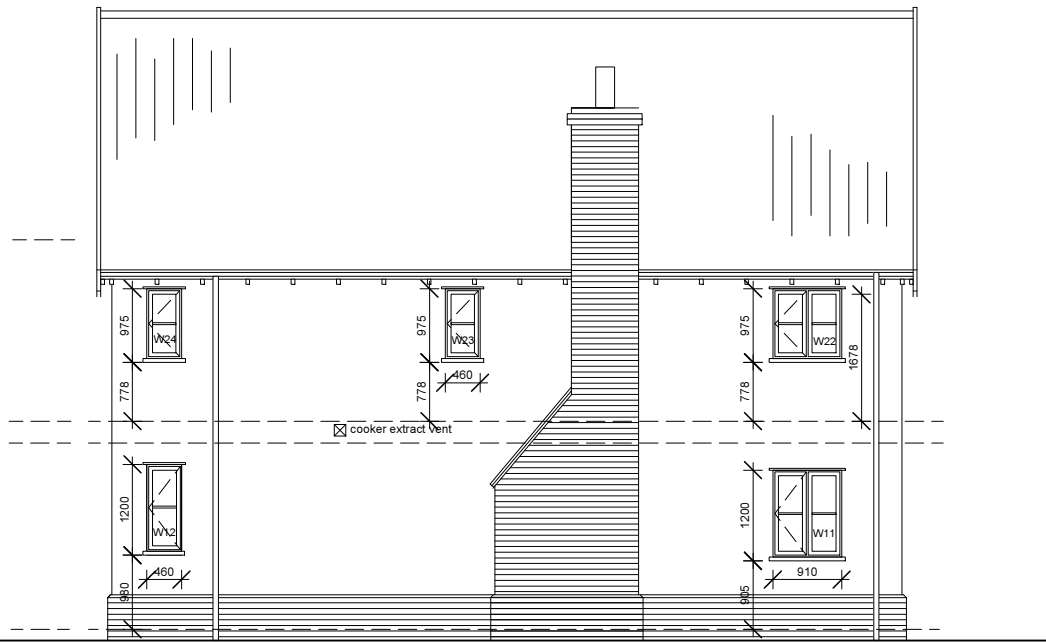
Project		NEW HOUSE, ASHFIELD ROAD, NORTON, IP31 3ND		hitchcock architects ltd 18 The Avenue Sunbury-on-Thames Middx TW16 5ES m: 07855 522478 e: andrew@hitchcockarchitects.co.uk w: www.hitchcockarchitects.co.uk
Drawing		SECTION AA & BB		
Drawing No.	Scale	Date		h ^a
ARN-105C1	1:50 @ A3	05.12.2016		



SOUTH ELEVATION



WEST ELEVATION



EAST ELEVATION



NORTH ELEVATION

ALL DIMENSIONS TO BE CHECKED ON SITE. BRACKETED DIMENSIONS ARE FOR CHECKING AND NOT FOR SETTING OUT PURPOSES. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT BEFORE COMMENCEMENT.

Notes

DRAWINGS TO BE READ IN CONJUNCTION WITH:
- CONSTRUCTION BUILD UP NOTES ON ARN-106
- BUILDING REGS SPECIFICATION ARN-500

Revisions

- C1 - 01.02.17 Issued for Construction
- C2 - 02.02.17 PV's removed from West Elevation roof
- C3 - 08.02.17 Ground floor window/door cill heights amended
- C4 - 22.02.17 Window/ door minor amendments

CONSTRUCTION

Project		NEW HOUSE, ASHFIELD ROAD, NORTON, IP31 3ND		hitchcock architects ltd 18 The Avenue Sunbury-on-Thames Middx TW16 5ES m: 07855 522478 e: andrew@hitchcockarchitects.co.uk w: www.hitchcockarchitects.co.uk
Drawing		PROPOSED ELEVATIONS		
Drawing No.	Scale	Date		h ^a
ARN-107C4	1:100 @ A3	05.12.2016		