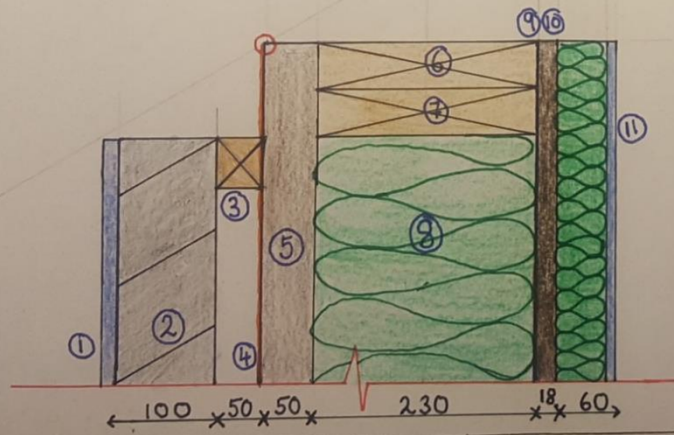


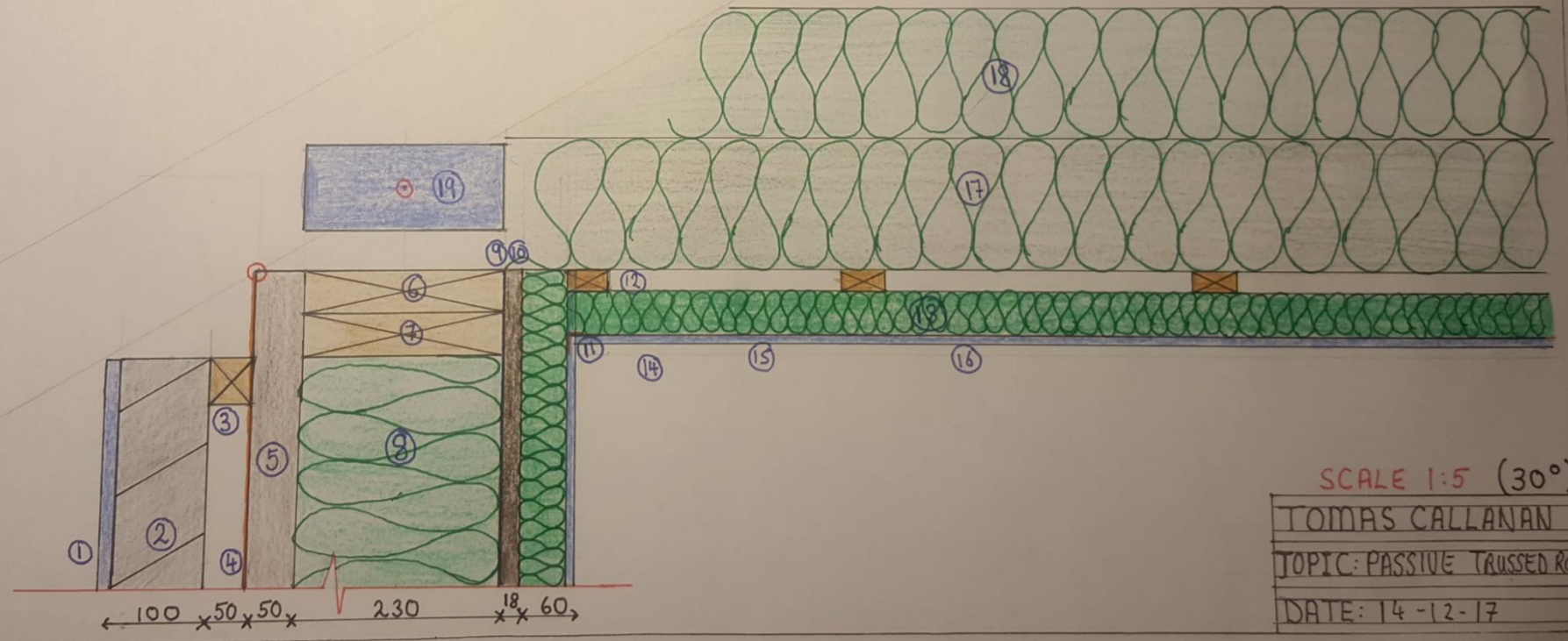
- ① 19mm EXTERNAL RENDER
- ② CONCRETE BLOCK 100 X 225 X 450
- ③ CAVITY BARRIER 50 X 50
- ④ BREATHER MEMBRANE
- ⑤ 50mm WOODFIBRE BOARD
- ⑥ 230 X 50 HEAD PLATE
- ⑦ 230 X 50 TOP RAIL
- ⑧ 230 X 50 TIMBER STUD WITH INSULATION
- ⑨ VAPOUR CHECK
- ⑩ 18mm OSB BOARD
- ⑪ 60mm SERVICE CAVITY



SCALE 1:5 (30°)

TOMAS CALLANAN
TOPIC: PASSIVE TRUSSED ROOF
DATE: 14-12-17

- ① 19mm EXTERNAL RENDER
- ② CONCRETE BLOCK 100 X 225 X 450
- ③ CAULTY BARRIER 50 X 50
- ④ BREATHER MEMBRANE
- ⑤ 50mm WOODFIBRE BOARD
- ⑥ 230 X 50 HEAD PLATE
- ⑦ 230 X 50 TOP RAIL
- ⑧ 230 X 50 TIMBER STUD WITH INSULATION
- ⑨ VAPOUR CHECK
- ⑩ 18mm OSB BOARD
- ⑪ 60mm SERVICE CAVITY
- ⑫ TIMBER BATTENS 50 X 25mm
- ⑬ 50mm INSULATION IN CEILING
- ⑭ AIRTIGHTNESS TAPE
- ⑮ AIRTIGHTNESS MEMBRANE
- ⑯ 12mm CEILING PLASTERBOARD
- ⑰ TIMBER JOIST WITH INSULATION (150 X 50)
- ⑱ 150mm INSULATION
- ⑲ NAIL PLATE CENTRED (230 X 100)



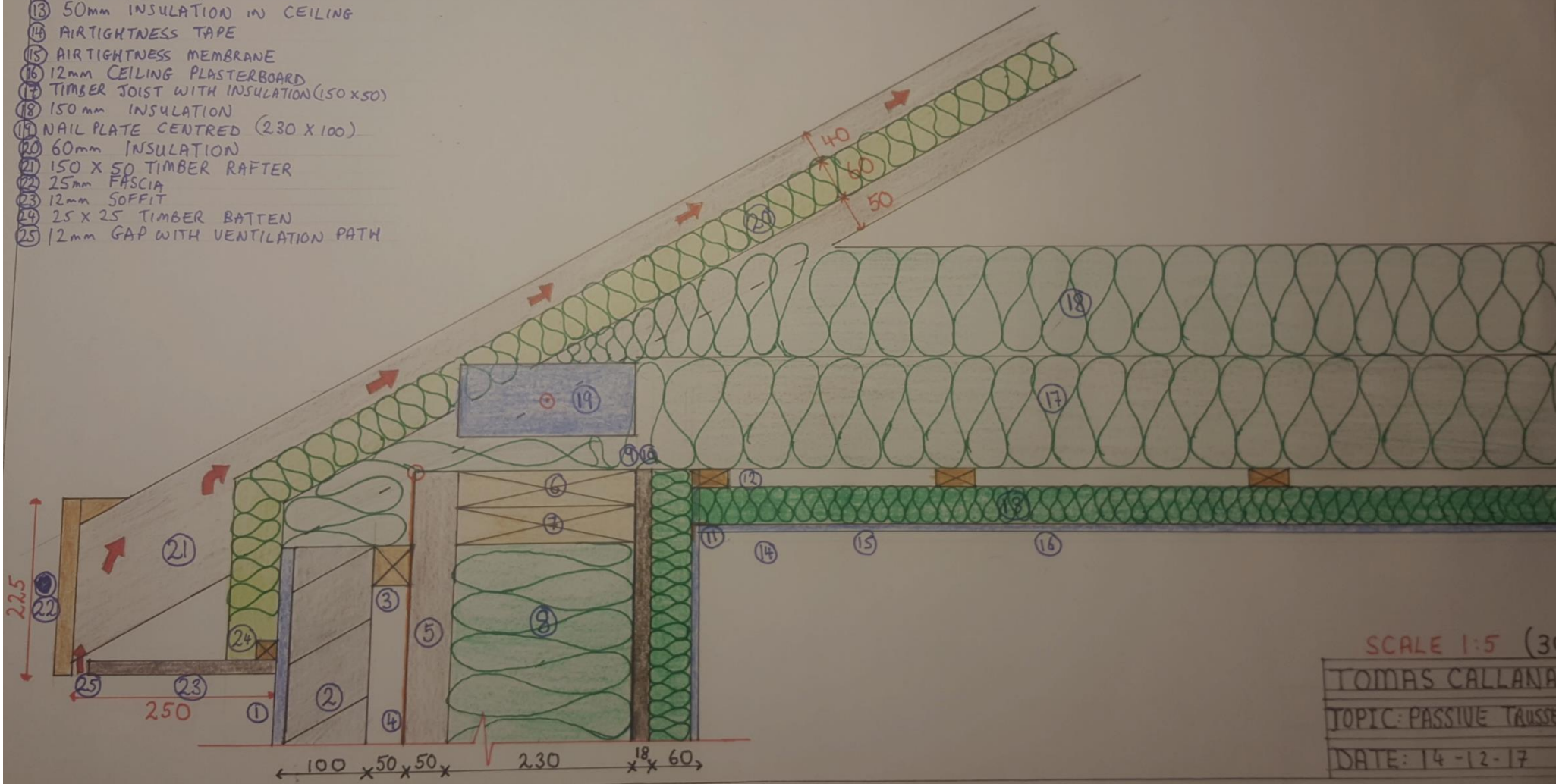
SCALE 1:5 (30°)

TOMAS CALLANAN

TOPIC: PASSIVE TRUSSED ROOF

DATE: 14-12-17

- ① 19mm EXTERNAL RENDER
- ② CONCRETE BLOCK 100 X 225 X 450
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- ⑨ VAPOUR CHECK
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- ⑪ 60mm SERVICE CAVITY
- ⑫ TIMBER BATTENS 50 X 25mm
- ⑬ 50mm INSULATION IN CEILING
- ⑭ AIRTIGHTNESS TAPE
- ⑮ AIRTIGHTNESS MEMBRANE
- ⑯ 12mm CEILING PLASTERBOARD
- ⑰ TIMBER JOIST WITH INSULATION (150 X 50)
- ⑱ 150mm INSULATION
- ⑲ NAIL PLATE CENTRED (230 X 100)
- ⑳ 60mm INSULATION
- ㉑ 150 X 50 TIMBER RAFTER
- ㉒ 25mm FASCIA
- ㉓ 12mm SOFFIT
- ㉔ 25 X 25 TIMBER BATTEN
- ㉕ 12mm GAP WITH VENTILATION PATH



SCALE 1:5 (3)

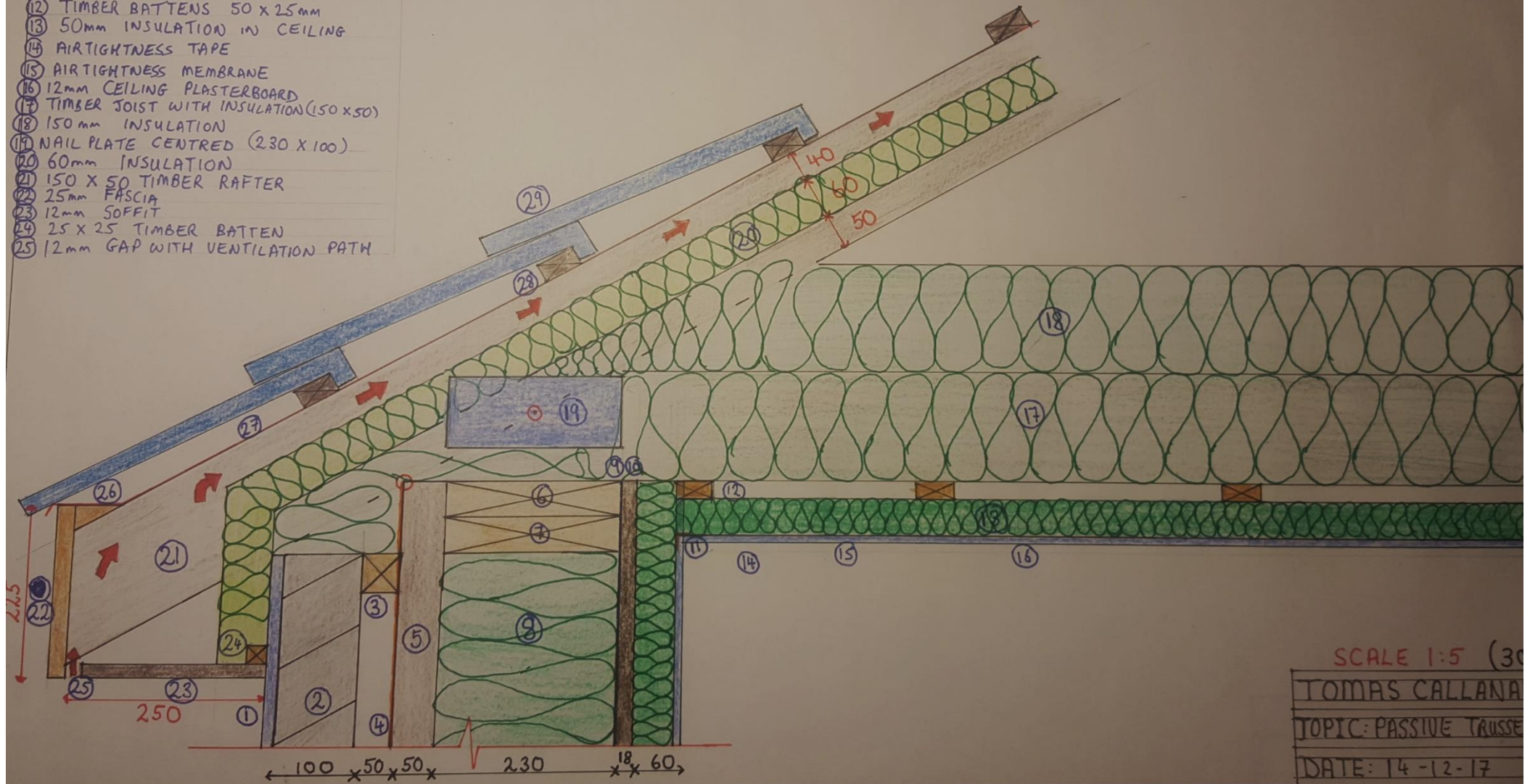
TOMAS CALLANA

TOPIC: PASSIVE TRUSS

DATE: 14-12-17

- ① 19mm EXTERNAL RENDER
- ② CONCRETE BLOCK 100 X 225 X 450
- ③ CAVITY BARRIER 50 X 50
- ④ BREATHER MEMBRANE
- ⑤ 50mm WOODFIBRE BOARD
- ⑥ 230 X 50 HEAD PLATE
- ⑦ 230 X 50 TOP RAIL
- ⑧ 230 X 50 TIMBER STUD WITH INSULATION
- ⑨ VAPOUR CHECK
- ⑩ 18mm OSB BOARD
- ⑪ 60mm SERVICE CAVITY
- ⑫ TIMBER BATTENS 50 X 25mm
- ⑬ 50mm INSULATION IN CEILING
- ⑭ AIRTIGHTNESS TAPE
- ⑮ AIRTIGHTNESS MEMBRANE
- ⑯ 12mm CEILING PLASTERBOARD
- ⑰ TIMBER JOIST WITH INSULATION (150 X 50)
- ⑱ 150mm INSULATION
- ⑲ NAIL PLATE CENTRED (230 X 100)
- ⑳ 60mm INSULATION
- ㉑ 150 X 50 TIMBER RAFTER
- ㉒ 25mm FASCIA
- ㉓ 12mm SOFFIT
- ㉔ 25 X 25 TIMBER BATTEN
- ㉕ 12mm GAP WITH VENTILATION PATH

- ㉖ TILTING FILLET
- ㉗ BREATHER MEMBRANE (FELT)
- ㉘ TIMBER BATTENS @ 350 CENTRES (50 X 25)
- ㉙ CONCRETE LAP TILES (450 X 25)



SCALE 1:5 (30)

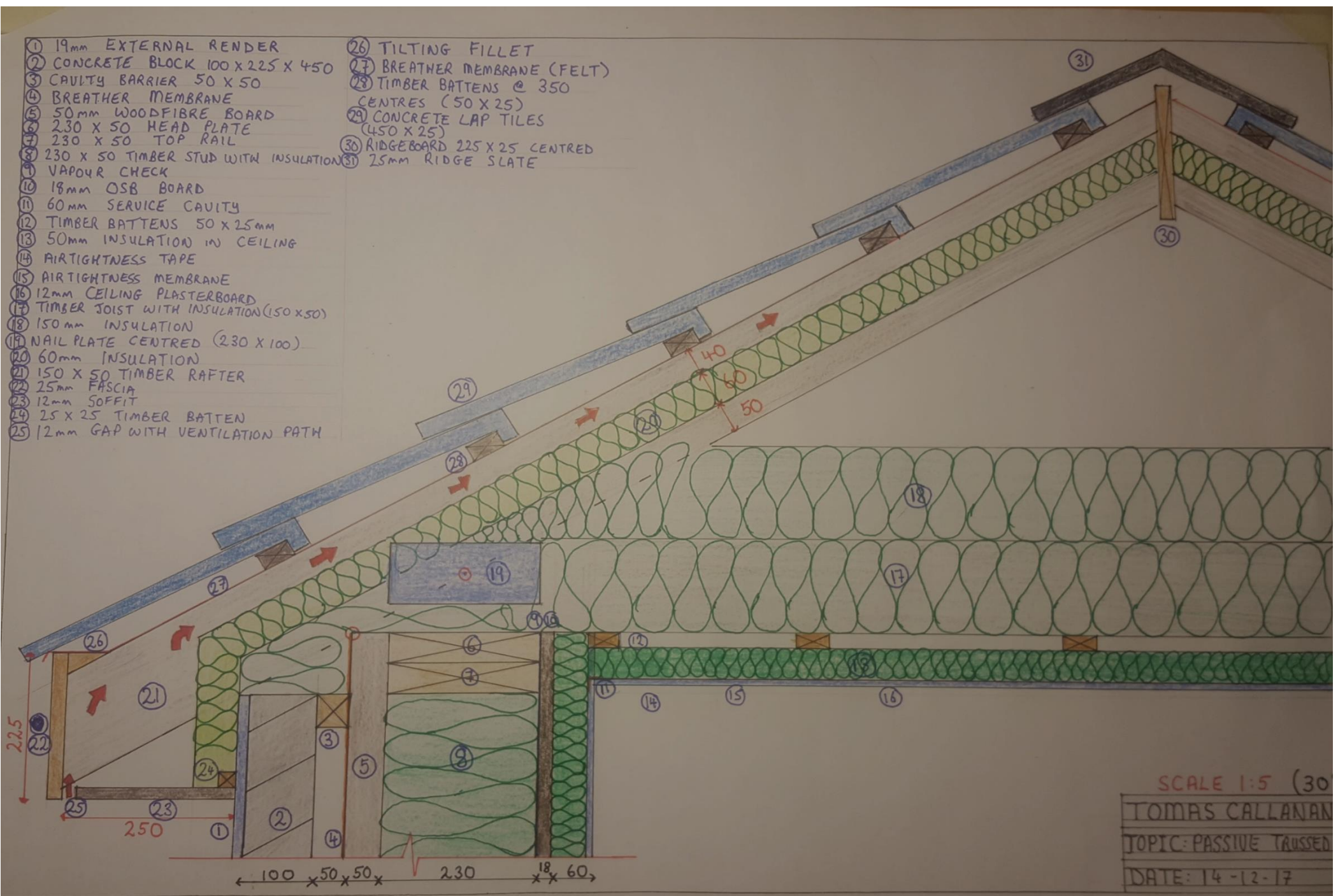
TOMAS CALLANA

TOPIC: PASSIVE TRUSSE

DATE: 14-12-17

- ① 19mm EXTERNAL RENDER
- ② CONCRETE BLOCK 100 X 225 X 450
- ③ CAULTY BARRIER 50 X 50
- ④ BREATHER MEMBRANE
- ⑤ 50mm WOODFIBRE BOARD
- ⑥ 230 X 50 HEAD PLATE
- ⑦ 230 X 50 TOP RAIL
- ⑧ 230 X 50 TIMBER STUD WITH INSULATION
- ⑨ VAPOUR CHECK
- ⑩ 18mm OSB BOARD
- ⑪ 60mm SERVICE CAVITY
- ⑫ TIMBER BATTENS 50 X 25mm
- ⑬ 50mm INSULATION IN CEILING
- ⑭ AIRTIGHTNESS TAPE
- ⑮ AIRTIGHTNESS MEMBRANE
- ⑯ 12mm CEILING PLASTERBOARD
- ⑰ TIMBER JOIST WITH INSULATION (150 X 50)
- ⑱ 150mm INSULATION
- ⑲ NAIL PLATE CENTRED (230 X 100)
- ⑳ 60mm INSULATION
- ㉑ 150 X 50 TIMBER RAFTER
- ㉒ 25mm FASCIA
- ㉓ 12mm SOFFIT
- ㉔ 25 X 25 TIMBER BATTEN
- ㉕ 12mm GAP WITH VENTILATION PATH

- ⑳ TILTING FILLET
- ㉑ BREATHER MEMBRANE (FELT)
- ㉒ TIMBER BATTENS @ 350 CENTRES (50 X 25)
- ㉓ CONCRETE LAP TILES (450 X 25)
- ㉔ RIDGEBOARD 225 X 25 CENTRED
- ㉕ 25mm RIDGE SLATE



SCALE 1:5 (30)
 TOMAS CALLANAN
 TOPIC: PASSIVE TRUSSED
 DATE: 14-12-17