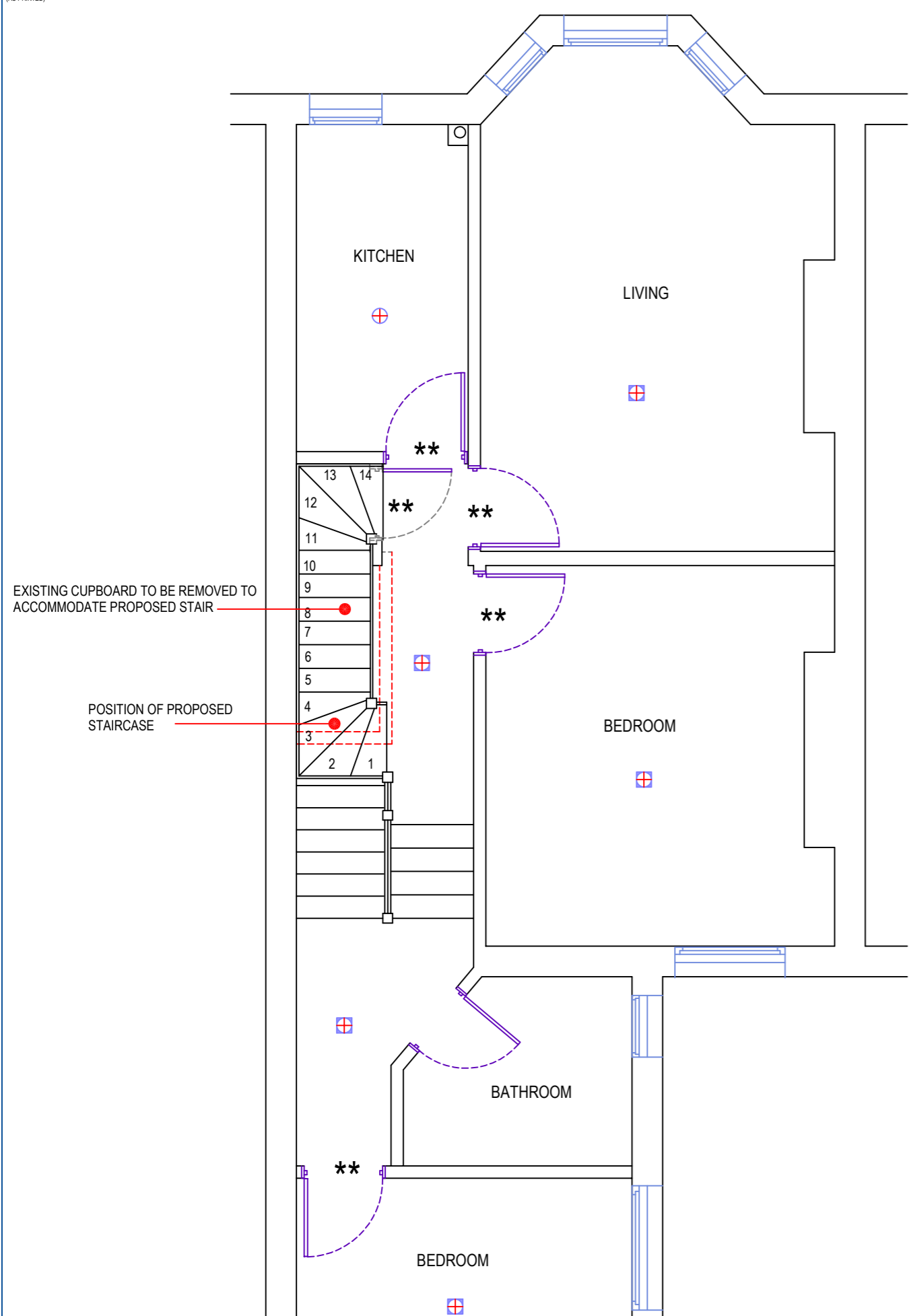
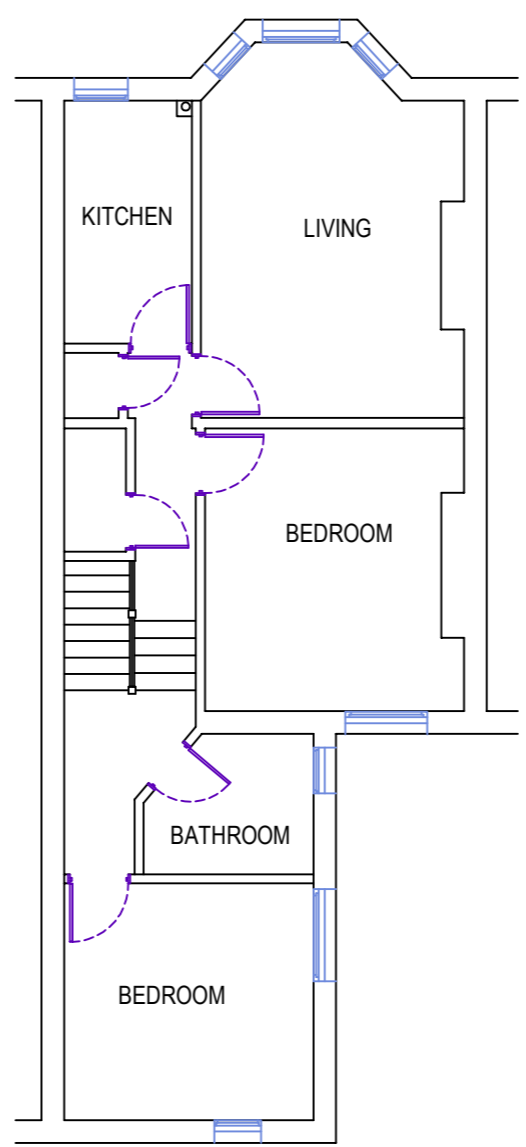


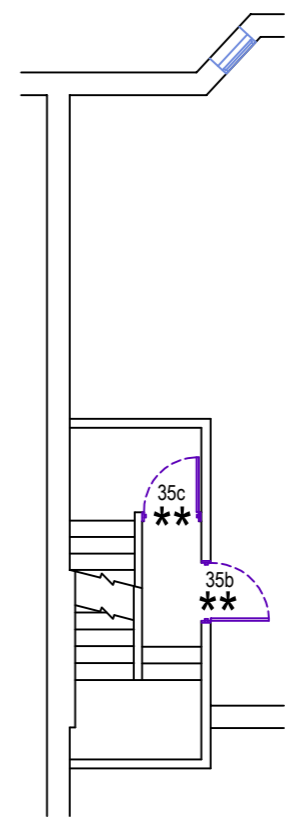
(M) 1:100
(AS PRINTED)



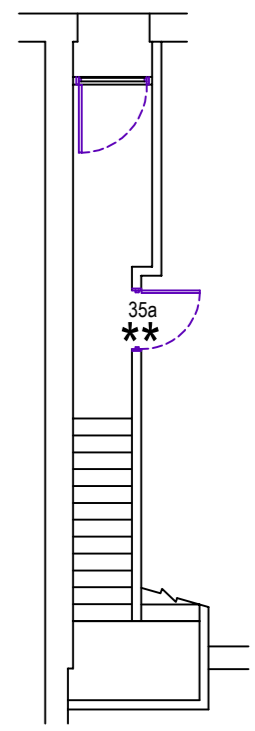
PROPOSED FIRST FLOOR (1:50)



EXISTING SECOND FLOOR (1:100)

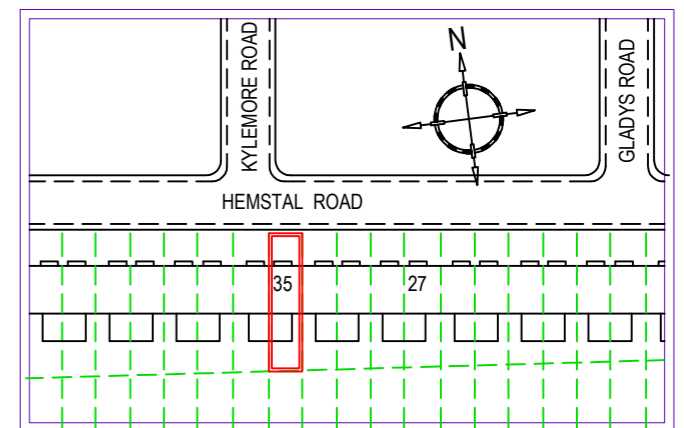


EXISTING FIRST FLOOR (1:100)



GROUND FLOOR (1:100)

FIRE PRECAUTIONS:
 ALL DOORS MARKED * TO ACHIEVE FD20 STANDARD, DOOR STOPS TO BE A MINIMUM OF 12 x 33 GLUED AND SCREW FIXED. DOOR GLAZING AND FANLIGHTS WITHIN THE STAIR ENCLOSURE TO BE FITTED WITH 6mm PILKINGTON PYROSHIELD GLASS. ANY INTERNAL WALL GLAZING WITHIN THE STAIR ENCLOSURE TO BE CHANGED TO 15mm PILKINGTON PYROSTOP GLASS.
 ALL HABITABLE ROOMS, HALL AND LANDINGS TO BE FITTED WITH RADIO LINKED SMOKE ALARMS SHOWN THUS ⊕ WITH MAINS POWERED HEAT DETECTOR TO KITCHEN AREA SHOWN THUS ⊕ TO BS5446 -1:2000.
 RF & EMC TO COMPLY WITH THE REQUIREMENTS OF THE RTTE DIRECTIVE COMPATIBILITY 1999/5/EC (RF PERFORMANCE TO EN300220-3, EMC TO EMC 301489-3)



LOCATION PLAN 1:1250

(AS PRINTED) (M) 1:50

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Rev: A: REVISED DORMERS

JOB No: 1653

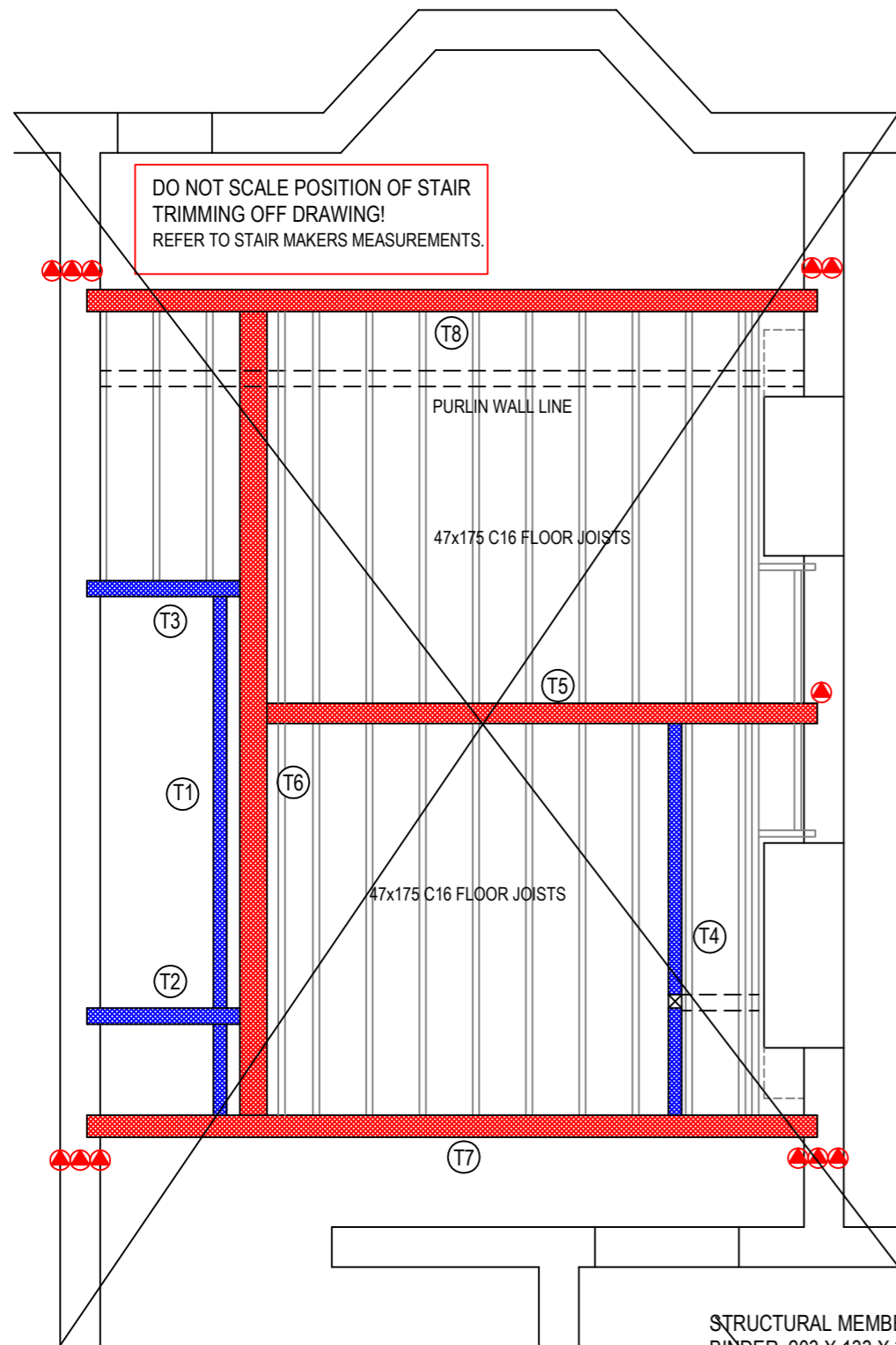
DRAWING No: 2038 V

Issue: C

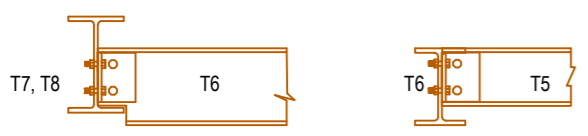
SCALE: @ A3
1:50 & 1:100

PROJECT: LOFT CONVERSION	DATE: FEB: 2015	SHEET No: 1 OF 4
CLIENT: MR. ORR & MRS. YAMADA ORR 35C HEMSTAL ROAD WEST HAMPSTEAD LONDON NW6 2AD		
talk: 020 8537 0361 mail: smalofts@aol.com web: www.sma-lofts.co.uk		

(M) 1:100
(AS PRINTED)

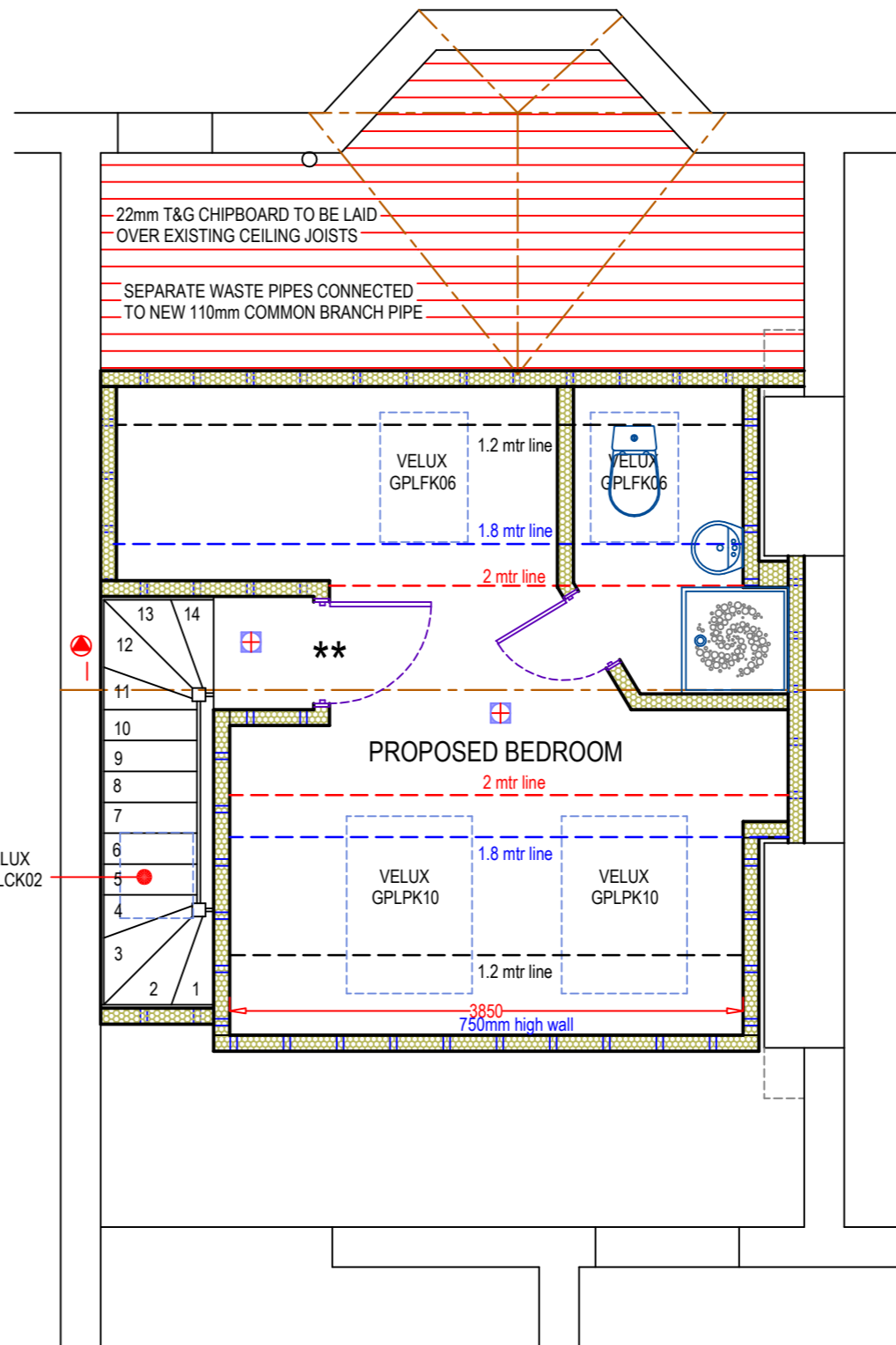


FLOOR STRUCTURE PLAN (1:50)



100x100 RSA CLEATS BOTH SIDES OF JOINT WITH 6 No M12 GRADE 8.8 BOLTS

- STRUCTURAL MEMBERS**
 BINDER 203 X 133 X 30 UB
 T1 100 X 175 C16
 T2 75 X 175 C16
 T3 75 X 175 C16
 T4 75 X 175 C16
 T5 152 X 152 X 23 UC
 T6 203 X 203 X 46 UC
 T7 254 X 146 X 43 UB
 T8 254 X 146 X 37 UB
 ● 300 X 100 X 15 M.S. BEARING PLATE
 ● 450 X 100 X 20 M.S. BEARING PLATE
 ● 650 X 100 X 30 M.S. BEARING PLATE



PROPOSED ROOM PLAN (1:50)

FLOOR AREA = 23.5

FLOOR:
 22mm T&G CHIPBOARD V313 TYPE OR 22mm T&G TIMBER FLOORING (15kg/m²) ON GRADE C16 FLOOR JOISTS AT 400c/c FIXED TO TRIMMERS & BEAMS USING SIMPSON STRONG-TIE JHA450 HANGERS. 100mm ROCKWOOL (10kg/m³) LAID BETWEEN EXISTING CEILING JOISTS SUPPORTED ON CHICKEN WIRE IF EXISTING CEILING CONSTRUCTION IS LATH & PLASTER OR 9.5 PLASTERBOARD WITH 3mm PLASTER SKIM (10kg/m²). JOISTS AND BEAMS TO BE 20mm CLEAR OF EXISTING CEILING CONSTRUCTION AND 40mm CLEAR OF CHIMNEY FLUES. ALL MULTIPLE MEMBER TIMBER BEAMS TO BE BOLTED AT 800 STAGGERED CENTRES USING TIMBERLOC FASTENERS. ALL STRUCTURAL STEEL WORK TO HAVE AN INTUMESCENT COATING TO ACHIEVE ONE HOUR FIRE RESISTANCE.

PROPOSED STAIRCASE (ESTIMATED):
 FLOOR-FLOOR = 3120, WIDTH = 750 AT 42° PITCH GIVES 15 EQUAL RISERS OF 208mm AND EQUAL STRAIGHT TREAD GOING OF 232mm. CONSECUTIVE TAPERED TREADS TO HAVE EQUAL GOING AND AT LEAST THE GOING OF THE STRAIGHT TREADS, MINIMUM GOING OF TAPERED TREADS TO BE 50mm. HANDRAIL PROVIDED TO RISK SIDE OF STAIRCASE SET 900mm ABOVE PITCH LINE WITH VERTICAL SPINDLES SET AT 99mm SPACINGS. BALUSTRADE SET AS HANDRAIL.
NOTE! THE RISE, GOING AND STAIR WIDTH SHOWN ARE ONLY ESTIMATED.

VELUX WINDOWS:
 ALL WINDOWS TO BE DOUBLE GLAZED (3x16x4 lowE PROTEX STAR) AND FITTED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, TRIMMED BOTH SIDES WITH DOUBLE RAFTERS WITH TRIMMERS ABOVE AND BELOW VELUX.

WINDOWS & VENTILATION:
 ALL NEW WINDOWS TO BE DOUBLE GLAZED USING LOW E GLASS 4:16:4 ARGON FILLED TO ACHIEVE A WINDOW ENERGY RATING (WER) C OR BETTER (U= 0.16W/m²K) CILL HEIGHT SET 800mm MINIMUM ABOVE FLOOR LEVEL, HABITABLE ROOMS TO BE PROVIDED WITH RAPID VENTILATION 1/20th OF ROOM AREA AND 8000mm² BACKGROUND VENTILATION. SHOWER / BATHROOM (IF INSTALLED) TO HAVE BACKGROUND VENTILATION OF 4000mm² AND FITTED WITH A MECHANICAL EXTRACTOR TO ACHIEVE 15 L/S EXTRACTION (CONNECTED TO THE LIGHT SWITCH AND SET TO OVERUN 15 MINUTES IF WITHOUT WINDOW).

PART P (ELECTRICAL)
 A: ALL ELECTRICAL WORK REQUIRED TO MEET THE REQUIREMENT OF PART P (ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A PERSON COMPETENT TO DO SO.
 B: PRIOR TO COMPLETION THE COUNCIL SHOULD BE SATISFIED THAT PART P HAS BEEN COMPLIED WITH. THIS MAT REQUIRE AN APPROPRIATE BS 7671 ELECTRICAL INSTALLATION CERTIFICATE TO BE ISSUED FOR THE WORK BY A PERSON COMPETENT TO DO SO.

LIGHT FITTINGS
 ONE PER FOUR FIXED LIGHTING FITTINGS TO BE ENERGY EFFICIENT AND ACHIEVE A LUMINOUS EFFICACY GREATER THAN 40 LUMENS PER CIRCUIT WATT.

(AS PRINTED) (M) 1:50

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Rev: A: REVISED DORMERS

JOB No: 1653

DRAWING No: 2038 V

Issue: C

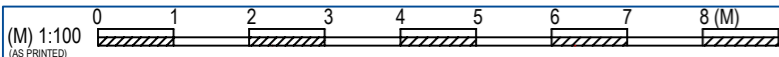
SCALE: @ A3
1:50 & 1:100

PROJECT: LOFT CONVERSION	DATE: FEB: 2015	SHEET No: 2 OF 4
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CLIENT:
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200mm ECOTHERM INSULATION CUT BETWEEN ROOF JOISTS. ANY CAVITIES BETWEEN COLD/WARM ROOF TO BE PACKED WITH ROCKWOOL

SLATE VENTS TO ACHIEVE 5mm CONTINUOUS VENTILATION

ROOF LIGHTS DO NOT PROTRUDE MORE THAN 150mm ABOVE THE PLANE OF THE ORIGINAL ROOF SLOPE

12.5 PLASTERBOARD ON 1000g POLYTHENE VAPOUR BARRIER ON 50mm ECO THERM INSULATION WITH 80mm ECO THERM CUT BETWEEN RAFTERS. 35x50 TIMBER BATTENS FIXED TO UNDERSIDE OF RAFTERS TO MAINTAIN 50mm AIR GAP ABOVE INSULATION U-value = 0.18W/m K

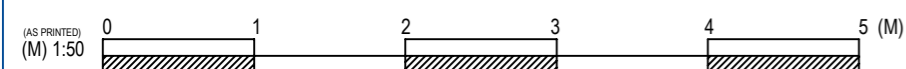
SLATE VENTS TO ACHIEVE 25mm CONTINUOUS VENTILATION

100mm ROCKWOOL FLEXI SUPPORTED ON CHICKEN WIRE LAID OVER ENTIRE CEILING TO PROVIDE ONE HOUR FIRE RESISTANCE AND ACOUSTIC BARRIER

2000

STUD WALLS AND ROOF SLOPE:
 PERIMETER AND PURLIN WALLS TO BE 47x90 VERTICAL STUDS AT 400c/c ON 47x90 HEAD & BASE PLATES, 50mm ECOTHERM TO ALL CAVITIES WITH 25mm ECOTHERM INSULATION FACED INTERNALLY AND 12.5mm PLASTERBOARD AND SKIM.
 INTERNAL PARTITIONS TO BE 47x90 VERTICAL STUDS AT 400c/c WITH CROSS NOGGINS ON 47x90 PLATES AND FACED WITH 12.5mm PLASTERBOARD AND SKIM. STAIR ENCLOSURE TO TO HAVE 12.5mm PLASTERBOARD BOTH SIDES TO ACHIEVE HALF HOUR FIRE RESISTANCE. ALL INTERNAL WALL CAVITIES TO BE FILLED WITH 100mm ROCKWOOL TO ACHIEVE THE REQUIREMENT OF A.D. PART E 2003.
 EXISTING ROOF SLOPES WITHIN THE CONVERSION TO HAVE 50mm ECOTHERM INSULATION FIXED TO UNDERSIDE OF RAFTERS WITH 80mm ECOTHERM INSULATION CUT BETWEEN RAFTERS. MAINTAINING 50mm AIR GAP ABOVE INSULATION AND ROOF COVERING BY FIXING 35x50 TIMBER BATTENS TO THE UNDERSIDE OF RAFTERS. POLYTHENE VAPOUR BARRIER TO WARM SIDE OF INSULATION WITH 12.5mm PLASTERBOARD AND SKIM INTERNALLY.

SECTION (1:50)



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Rev: A: REVISED DORMERS

JOB No: 1653

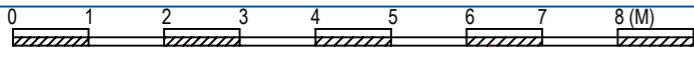
DRAWING No: 2038 V

Issue: C

SCALE: @ A3 1:50 & 1:100

PROJECT: LOFT CONVERSION	DATE: FEB: 2015	SHEET No: 3 OF 4
CLIENT: MR. ORR & MRS. YAMADA ORR 35C HEMSTAL ROAD WEST HAMPSTEAD LONDON NW6 2AD		
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(AS PRINTED)



CODE 4 LEAD FLASHINGS AND SOAKERS
TO ALL ROOF ABUTMENTS

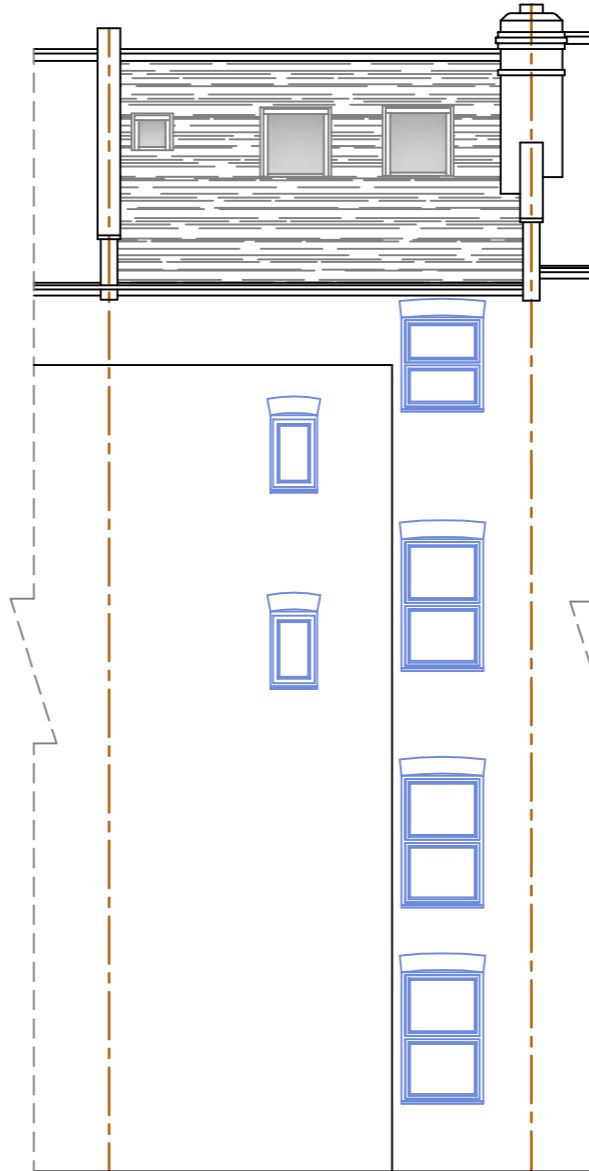
MATERIALS USED IN THE EXTERIOR WORKS TO
BE OF A SIMILAR APPEARANCE TO THOSE USED
IN THE CONSTRUCTION OF THE EXISTING
DWELLING HOUSE.



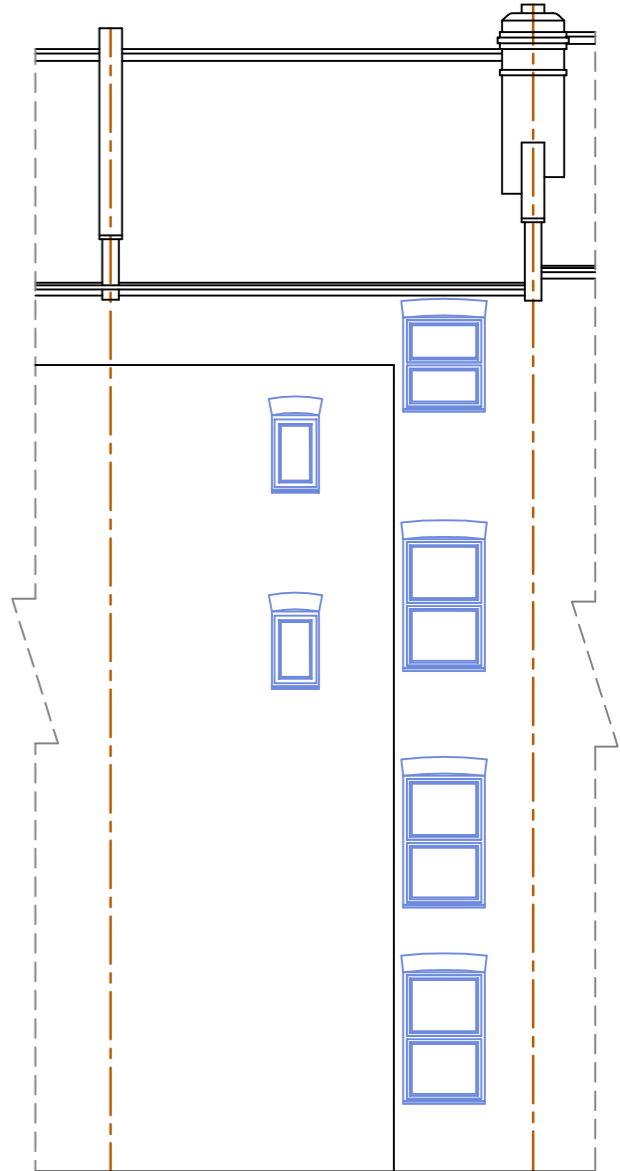
PROPOSED PRINCIPAL ELEVATION (1:100)



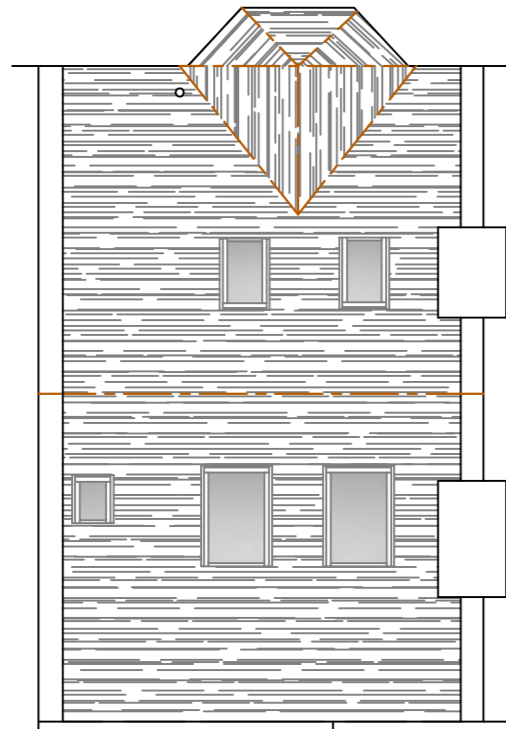
EXISTING PRINCIPAL ELEVATION (1:100)



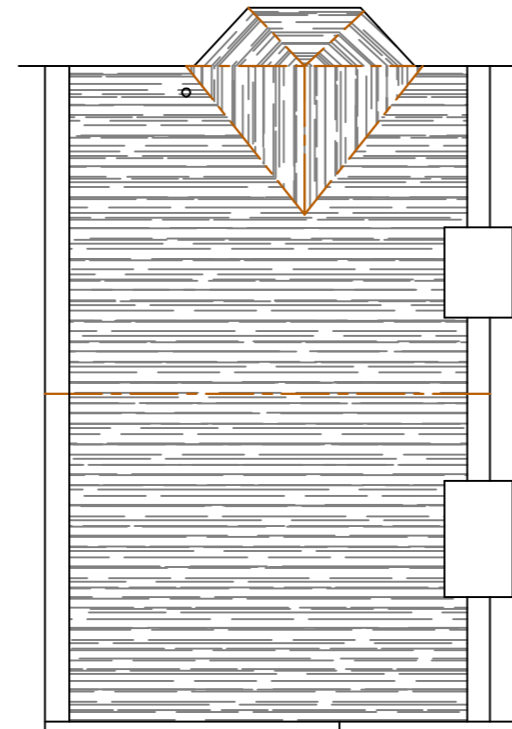
PROPOSED REAR ELEVATION (1:100)



EXISTING REAR ELEVATION (1:100)

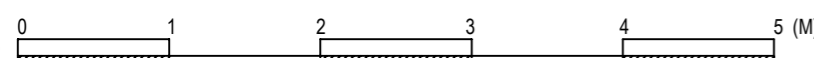


PROPOSED ROOF PLAN (1:100)



EXISTING ROOF PLAN (1:100)

(AS PRINTED)
(M) 1:50



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PROJECT:
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SHEET No:
4 OF 4

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