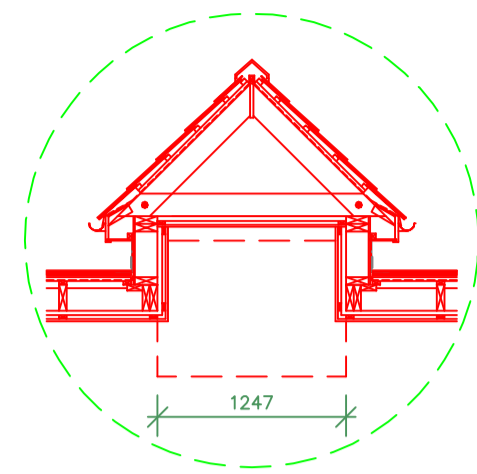


All dimensions must be checked on site and not scaled from this drawing.

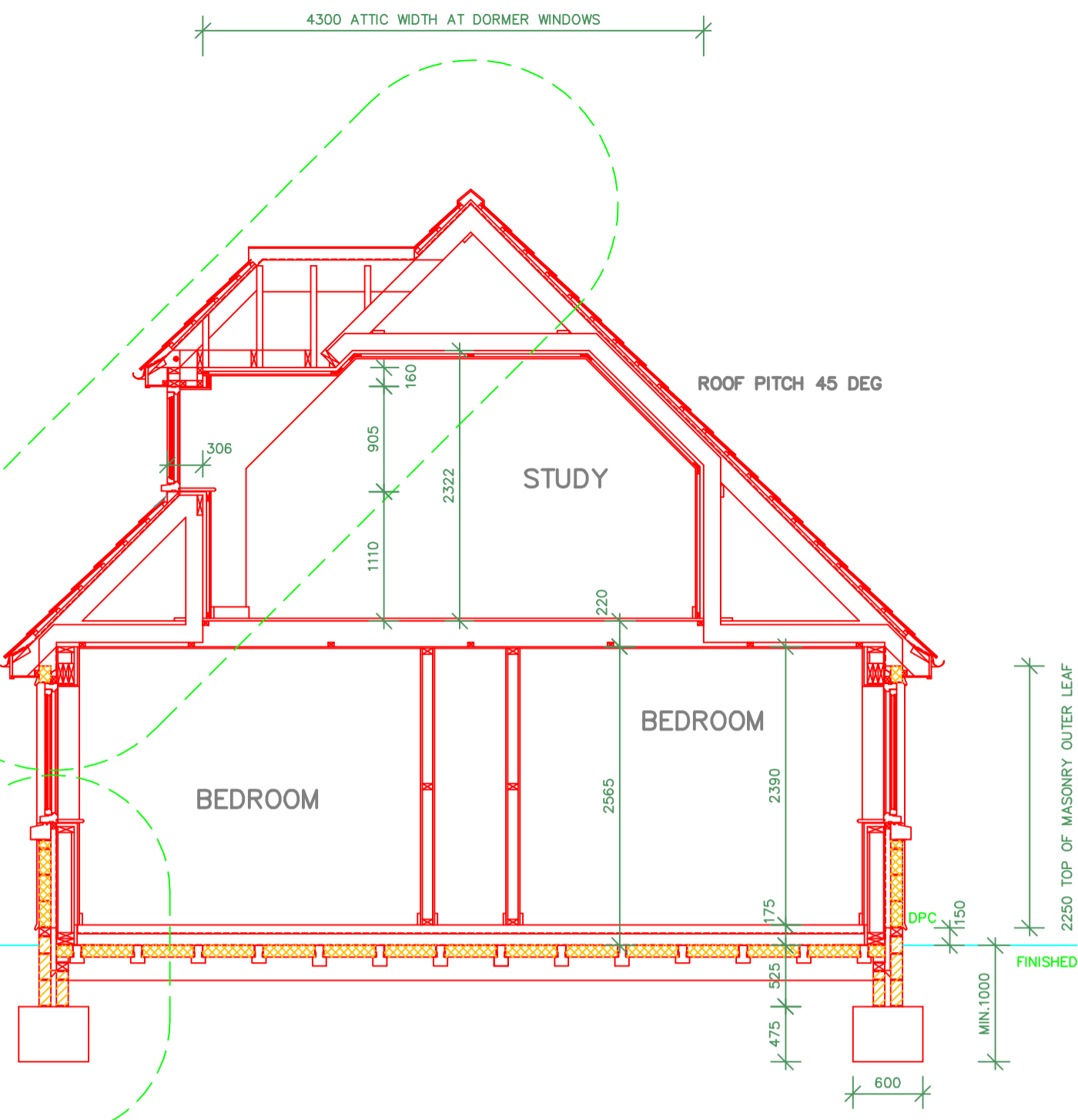
DETAIL 2.3



DETAIL 2.2

DETAIL 2.1

SECTION 2
SCALE 1/50



DORMER EAVES CONSTRUCTION COMPRISING:
 RAFTER FEET LINED THROUGH AND PLUMB CUT FOR FASCIA AND FOOT CUT FOR SOFFIT.
 175MM DEEP X 20MM THICK SWISH BUILDING PRODUCTS LTD, OR EQUAL APPROVED, ROSEWOOD CELLULAR PVC FASCIAS FIXED TO RAFTER FEET USING ROSEWOOD PLASTIC CAPPED STAINLESS STEEL NAIL FIXINGS COMPLETE WITH EXTERNAL CORNER TRIMS AS REQUIRED.
 38 X 38MM TREATED SW SOFFIT BATTEN SPIKED TO SIDE CHEEK FRAMEWORK, SIDE CHEEK UNDERLAY AND LEAD COVER FLASHING TO BE SANDWICHED BEHIND SOFFIT BATTEN AND SOFFIT BATTEN FIXINGS TO PASS THROUGH UNDERLAY AND COVER FLASHING.
 9MM THICK SWISH BUILDING PRODUCTS LTD, OR EQUAL APPROVED, ROSEWOOD CELLULAR 'GEE PEE' SOFFIT LININGS SET INTO GROOVE IN FASCIA AND PINNED UP TO SOFFIT BATTENS USING ROSEWOOD PLASTIC CAPPED STAINLESS STEEL NAIL FIXINGS COMPLETE WITH JOINTING TRIMS AS REQUIRED.
 UNDERLAY SUPPORTS BEHIND FASCIAS FORMED WITH 150MM WIDE X 6MM THICK EXTERIOR GRADE WBP PLYWOOD PINNED TO 38 X 25MM TREATED SW SPRCKET BATTENS CUT AND FITTED TO BACK OF FASCIAS AND PINNED TO SIDES OF RAFTERS.
 UNDERLAY DRIP FORMED WITH 300MM WIDE POLYETHYLENE DPC WITH TOP EDGE STAPLED TO PLYWOOD UNDERLAY SUPPORT AND DPC DRESSED OVER FASCIA TO FORM DRIP INTO EAVES GUTTER. ROOF MEMBRANE UNDERLAY LAPPED MIN. 150MM ONTO DRIP DPC.
 BROWN PVC RAINWATER GOODS TO SELECTED PATTERN.

DORMER WINDOW FRONT WALL LINTEL PANEL COMPRISING:
 PANEL LINTEL OVER DORMER WINDOW HEADS FORMED WITH 100 X 50MM GRADE C16 TREATED SW FRAMING WITH SOLE PLATE, HEAD PLATE AND VERTICAL STUDS AT 400MM CTS.
 9.5MM THICK WBP SHEATING QUALITY PLYWOOD LINING TO EXTERNAL FACE OF FRAMED LINTEL PINNED TO ALL FRAMEWORK MEMBERS USING RING SHANK NAIL FIXINGS AT MAXIMUM 150MM CTS.

DORMER WINDOW SIDE CHEEK INSULATION AND INTERNAL LINING COMPRISING:
 150MM THICK CELOTEX LTD, OR EQUAL APPROVED, XRH150 INSULATION BOARD CUT AND FRICION FITTED BETWEEN DORMER SIDE CHEEK FRAMING WITH INSIDE OF INSULATION BOARD FINISHED FLUSH WITH INSIDE OF DORMER SIDE CHEEK FRAMING. INSULATION BOARD CUT AND FITTED AT ALL ABUTMENTS.
 30MM THICK CELOTEX LTD, OR EQUAL APPROVED, TB4030 INSULATION BOARD FITTED TO INSIDE OF DORMER SIDE CHEEK FRAMING WITH INSULATION BOARD PINNED TO FRAMING. ALL JOINTS AND ANGLES IN INSULATION BOARD TO BE SEALED AND TAPED USING ALUMINIUM FOIL SELF-ADHESIVE TAPE TO PROVIDE VAPOUR RESISTANT PERFORMANCE.
 INSULATION BOARD OVERLAP WITH 50 X 25MM TREATED SW BATTENS INSTALLED AT PERIMETER OF SIDE CHEEKS AND TO LINE OF EACH VERTICAL STUD WITH BATTENS SPIKED THROUGH INSULATION BOARD TO SIDE CHEEK FRAMING. BATTENS PROVIDE CAVITY FOR ELECTRICAL SERVICES.
 DORMER SIDE CHEEK LINING FORMED WITH 12.5MM THICK GYPROC TAPERED EDGE WALLBOARD WITH BOARDS FIXED TO TIMBER BATTENS BEFORE DESCRIBED USING GALV PLASTERBOARD NAILS AT 150MM CTS TO ALL BOARD EDGES AND INTERMEDIATE SUPPORTS. ALL BOARD JOINTS AND WALL/CEILING ANGLES TO BE FILLED AND TAPED USING GYPROC JOINT TAPE AND BOARDS FINISHED WITH 3MM THICK SKIM COAT OF THISTLE MULTI-FINISH PLASTER.
 'U' VALUE OF SIDE CHEEK CONSTRUCTION 0.13W/eq m K.

EAVES CONSTRUCTION COMPRISING:
 RAFTER FEET LINED THROUGH AND PLUMB CUT FOR FASCIA AND FOOT CUT FOR SOFFIT.
 200MM DEEP X 20MM THICK SWISH BUILDING PRODUCTS LTD, OR EQUAL APPROVED, 'STANDARD JUMBO' ROSEWOOD CELLULAR PVC FASCIAS FIXED TO RAFTER FEET USING ROSEWOOD PLASTIC CAPPED STAINLESS STEEL NAIL FIXINGS COMPLETE WITH JOINTING AND EXTERNAL CORNER TRIMS AS REQUIRED.
 50 X 38MM TREATED SW SOFFIT BATTENS DRILLED, PLUGGED AND SCREWED TO EXTERNAL WALL MASONRY OUTER LEAF.
 9MM THICK SWISH BUILDING PRODUCTS LTD, OR EQUAL APPROVED, ROSEWOOD CELLULAR 'GEE PEE' SOFFIT LININGS SET INTO GROOVE IN FASCIA AND PINNED UP TO SOFFIT BEARERS AND SOFFIT BATTEN NOGGINNS USING ROSEWOOD PLASTIC CAPPED STAINLESS STEEL NAIL FIXINGS COMPLETE WITH JOINTING TRIMS AS REQUIRED.
 UNDERLAY SUPPORTS BEHIND FASCIAS FORMED WITH 150MM WIDE X 6MM THICK EXTERIOR GRADE WBP PLYWOOD PINNED TO 38 X 25MM TREATED SW SPRCKET BATTENS CUT AND FITTED TO BACK OF FASCIAS AND PINNED TO SIDES OF RAFTERS.
 UNDERLAY DRIP FORMED WITH 300MM WIDE POLYETHYLENE DPC WITH TOP EDGE STAPLED TO PLYWOOD UNDERLAY SUPPORT AND DPC DRESSED OVER FASCIA TO FORM DRIP INTO EAVES GUTTER. ROOF MEMBRANE UNDERLAY LAPPED MIN. 150MM ONTO DRIP DPC.
 BROWN PVC RAINWATER GOODS TO SELECTED PATTERN.

DORMER WINDOW INTERNAL HEAD FRAMING COMPRISING:
 50 X 50MM TREATED SW FRAMING WITH HEAD PLATE, REVEAL PLATE AND VERTICAL/HORIZONTAL STUDS AT MAXIMUM 400MM CTS WITH ALL FRAMING MEMBERS CUT, FITTED AND SPIKED TOGETHER.
 FRAMING LINED WITH 12.5MM THICK GYPROC TAPERED EDGE WALLBOARD FIXED USING GALV PLASTERBOARD NAILS AT 150MM CTS TO ALL BOARD EDGES AND INTERMEDIATE SUPPORTS.
 ALL BOARD JOINTS AND ANGLES TO BE FILLED AND TAPED USING GYPROC JOINT TAPE AND BOARDS FINISHED WITH 3MM THICK SKIM COAT OF THISTLE MULTI-FINISH PLASTER.

FORM DORMER WINDOW APERTURE THROUGH ATTIC SPACE TRUSSED RAFTER ON CENTRE LINE OF DORMER WINDOW WITH RAFTER CHORD TRIMMED WITH 172MM DEEP TRIMMERS WITH ALL TRIMMER/DOUBLE TRUSS AND TRIMMER/TRIMMED RAFTER CHORD CONNECTIONS FORMED USING SIMPSON STRONG-TIE, OR EQUAL APPROVED, TYPE SDE380/30 GALV STEEL ADJUSTABLE WIDTH FACE FIX HANGERS FULLY NAILED.

FIRST FLOOR STRUCTURE COMPRISING:
 50 X 38MM TREATED SW DECKING SUPPORT NOGGINNS FIXED BETWEEN ATTIC TRUSS FLOOR JOIST CHORDS AT PERIMETERS OF FLOOR AND FIXED USING SIMPSON STRONG-TIE, OR EQUAL APPROVED GALV STEEL 'Z' CLIPS TYPE 238N FULLY NAILED.
 22MM THICK FLOORING GRADE MOISTURE RESISTANT GRADE TONGUED AND GROOVED CHIPBOARD FLOOR DECKING WITH BOARD JOINTS GLUED, BOARDS CRAMPED TOGETHER AND BOARDS FIXED USING COUNTERSUNK SCREW FIXINGS AT 300MM CTS TO ALL FLOOR JOIST CHORDS AND NOGGINNS SUPPORTS.

GROUND FLOOR CEILING LINING COMPRISING:
 50 X 38MM TREATED SW CEILING SUPPORT NOGGINNS FIXED BETWEEN ATTIC TRUSS FLOOR JOIST CHORDS AT PERIMETERS OF CEILING AND ROWS AT 1200MM CTS.
 12.5MM THICK GYPROC TAPERED EDGE WALLBOARD CEILING LINING WITH BOARDS INSTALLED WITH LONG EDGES AT RIGHT-ANGLES TO ATTIC FLOOR JOISTS AND BOARDS FIXED USING GALV PLASTERBOARD NAILS AT 150MM CTS TO ALL BOARD EDGES AND INTERMEDIATE SUPPORTS.
 ALL BOARD JOINTS AND WALL/CEILING AND CEILING/CEILING ANGLES TO BE FILLED AND TAPED USING GYPROC JOINT TAPE AND BOARDS FINISHED WITH 3MM THICK SKIM COAT OF THISTLE MULTI-FINISH PLASTER.
 100MM THICK ROCKWOOL LTD, OR EQUAL APPROVED, ROCKWOOL ROLLBATT INSULATION LAID BETWEEN ATTIC FLOOR JOISTS OVER GROUND FLOOR CEILING AREA TO PROVIDE SOUND INSULATION.

**LINTELS OVER HEADS OF OPENINGS IN CAVITY EXTERNAL WALLS FORMED WITH IG LTD, OR EQUAL APPROVED, TYPE LV/50 GALV STEEL LINTELS TO SUIT CLEAR OPENING WIDTHS AND WITH MIN. 150MM END BEARINGS. 75 X 38MM TREATED SW BATTEN BACK SUPPORT TO LINTEL SPIKED TO TIMBER FRAMED INNER LEAF. TOP EDGE OF LINTEL TO RECEIVE GALV STEEL RESTRAINING CLIPS FIXED TO TIMBER FRAMED INNER LEAF USING 3.3 X 50MM GALV NAILS WITH CLIPS INSTALLED AT MAXIMUM 500MM CTS.
 LINTELS OVERLAID WITH CAVITY TRAYS LTD, OR EQUAL APPROVED, PREFORMED TYPE 'C' CAVITRAY TO PROFILE AS DETAILED AND WITH INNER VERTICAL LEG OF CAVITRAY DRESSED AGAINST CAVITY FACE OF TIMBER FRAMED INNER LEAF.**

DETAIL 2.2
SCALE 1/10

DORMER ROOF STRUCTURE COMPRISING:
 225 X 25MM TREATED SW RIDGEBOARD OVERLAP WITH 50 X 25MM TREATED SW EXTENSION BATTEN SPIKED TO TOP OF RIDGEBOARD.
 225 X 38MM GRADE C16 TREATED SW HIP RAFTERS CUT AND FITTED OVER SIDE CHEEK FRAMING AND CUT AND FITTED TO RIDGEBOARD AND SPIKED.
 225 X 25MM TREATED SW VALLEY LAYBOARDS CUT AND FITTED BETWEEN MAIN ROOF COUNTER BATTENS AND SPIKED.
 150 X 50MM GRADE C16 TREATED SW COMMON RAFTERS, HIP JACK RAFTERS AND VALLEY JACK RAFTERS AT MAXIMUM 450MM CTS. RAFTERS CUT AND FITTED OVER SIDE CHEEK AND FRONT WALL FRAMING, CUT AND FITTED TO HIP RAFTERS, CUT AND FITTED TO VALLEY LAYBOARDS AND CUT AND FITTED TO RIDGEBOARD AND SPIKED.
 150 X 50MM GRADE C16 TREATED SW CEILING JOISTS AT MAXIMUM 400MM CTS CUT AND FITTED TO SIDE OF EACH ROW OF COMMON RAFTER AND HIP JACK RAFTER AND SPIKED. CEILING JOIST TRIMMER/TRIMMED CEILING JOIST CONNECTIONS FORMED WITH GALV STEEL JOISTS HANGERS FULLY NAILED.
 CEILING JOIST/RAFTER BOLTED CONNECTIONS FORMED WITH 1/6 M12 BOLT COMPLETE WITH NUTS AND WASHERS AS REQUIRED AND WITH GALV STEEL DOUBLE SIDED DOG-TOOTH CONNECTORS BETWEEN TIMBERS.
 ALL LOOSE ROOF STRUCTURE TIMBER TO BE CUT, FITTED AND SPIKED TOGETHER AS DESCRIBED.

50 X 50MM X 45 DEG TREATED SW ARRIS SPIKED TO SIDE OF TRIMMER TO DORMER APERTURE TO PROVIDE FIXING FOR DORMER CEILING LININGS.

185 EAVES D/H

306

CEILING BINDER

250 EAVES D/H

DRIP TRIM AT BASE OF RENDER

Revisions

A	22 FEB 2013	WALLPLATE TO EXTERNAL WALL TIMBER FRAMED INNER LEAF LOWERED TO SUPERSEDED BEAM AND BLOCK FLOOR LEVEL AND WALLPLATE SIZE REDUCED TO 150 X 50MM. ROOF INSULATION BETWEEN ATTIC SPACE TRUSSED RAFTERS REPOSITIONED TO FOLLOW HEATED LIVING ACCOMMODATION. 30MM THICK CELOTEX LTD, OR EQUAL APPROVED, TB4030 INSULATION BOARD INNER LINING TO EXTERNAL WALL TIMBER FRAME INNER LEAF TO CONTINUE BENEATH INTERNAL WINDOW BOARDS. CAVITY CLOSER BATTEN TO WINDOW GILLS INCREASED TO 75 X 45MM TREATED SW. SELF-ADHESIVE AIRTIGHT TAPE ADDED TO ALL WINDOW AND EXTERNAL DOOR FRAME JAMB AND HEAD ADJUTMENTS WITH TIMBER FRAME REVEALS OF EXTERNAL WALL OPENINGS.
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Client
MR + MRS BIRD.

Project
PROPOSED REPLACEMENT BUNGALOW + GARAGE, 'MALVERN', OLD ROAD, STUDLEY, CALNE, WILTSHIRE. SN11 9NF

Drawing Title
WORKING DRAWING. SECTION 2. SHEET 2.

Scale	Date	Drawn by
AS INDICATED	JAN 2013	

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Project Number	Drawing Number
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