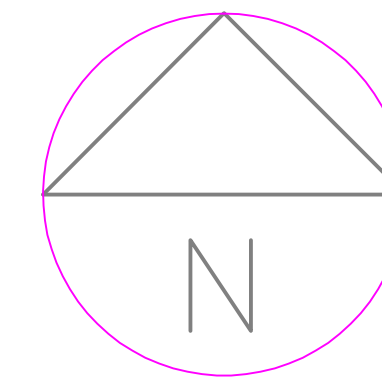


All dimensions must be checked on site and not scaled from this drawing.

Revisions

A 25 OCT 12
 PITCHED ROOF RAFTERS INCREASED TO 150 X 50MM GRADE C16 TREATED SW WITH RAFTERS NOTCHED AND FITTED TO BACK OF WALLPLATES TO AVOID ROOF SPREAD. VALLEY AND HIP RAFTERS AND RIDGEBOARD AMENDED TO SUIT.



FLAT ROOF STRUCTURE COMPRISING:

125 X 50MM GRADE C16 TREATED SW FLAT ROOF JOISTS AT MAX. 400MM CTS WITH JOISTS REDUCED TO 97MM DEEP FROM WALLPLATE OUT TO EAVES FASCIA AND JOISTS SPIKED TO WALLPLATE AND JOIST/TRIMMER BEAM CONNECTIONS USING GALV STEEL JOIST HANGERS FULLY NAILED.

FORM ROOF WINDOW APERTURE WITH 125 X 50MM GRADE C16 TREATED SW TRIMMERS WITH ALL TRIMMER/TRIMMER AND TRIMMER/TRIMMED JOIST CONNECTIONS FORMED USING GALV STEEL JOIST HANGERS FULLY NAILED.

ROOF WINDOW TO UTILITY FLAT ROOF TO BE VELUX, OR EQUAL APPROVED, TYPE GGL C27 550 X 670MM CENTRE PIVOT ROOF WINDOW INSTALLED AT 15 DEG PITCH, FACTORY GLAZED WITH CLEAR SEALED DOUBLE GLASS UNIT USING LOW-E TOUGHENED GLASS TO PROVIDE A COMPONENT U VALUE NOT EXCEEDING 1.6 W/SW m² K. FLAT ROOF WINDOW COMPLETE WITH TRICKLE VENTILATION FLAP AND TYPE ECX INSULATED UPSTAND KERB.

ROOF WINDOW AND INSULATED UPSTAND KERB TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS FIXING DETAILS INCLUDING FLAT ROOF MEMBRANE UPSTANDS TO KERB AND ROOF WINDOW FLASHINGS.

125 X 50MM GRADE C16 TREATED SW FLAT ROOF JOIST WALLPLATES FIXED TO EXTG EXTERNAL WALL MASONRY USING EXPANDING BOLT FIXINGS AT MAX. 750MM CTS.

FLAT ROOF JOISTS CUT AND FITTED TO WALLPLATE AND FORM CONNECTION WITH SIMPSON STRONG-TIE, OR EQUAL APPROVED, TYPE L550 GALV STEEL SKEWABLE ANGLE FULLY NAILED.

BACK GUTTER COMPRISING:

50 X 50MM TREATED SW GUTTER SUPPORT BEARER DRILLED, PLUGGED AND SCREWED TO EXTERNAL WALL MASONRY.

100 X 50MM GRADE C16 TREATED SW GUTTER BEARERS CUT AND FITTED TO SIDE OF EACH ROW OF RAFTERS AND NOTCHED OVER SUPPORT BEARER AND SPIKED.

MULTIFOL INSULATION DRESSED TO TOPS OF RAFTERS AND GUTTER BEARERS AND OVERLAP WITH 25MM THICK TREATED SW GUTTER BOARDS CUT AND FITTED TOGETHER AND SPIKED TO RAFTERS AND GUTTER BEARERS THROUGH INSULATION.

50 X 50MM X 45 DEG TREATED SW ARRIS SPIKED TO GUTTER BOARD AT GUTTER/WALL ANGLE.

ROOF UNDERLAY DRESSED TO ROOF WINDOW AND DRESSED AROUND GUTTER AND DRESSED TO GUTTER UPSTAND.

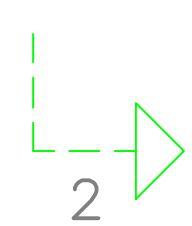
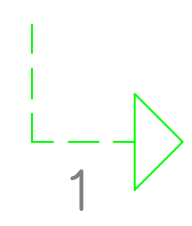
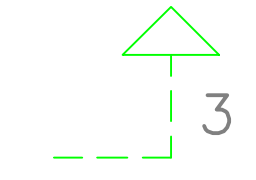
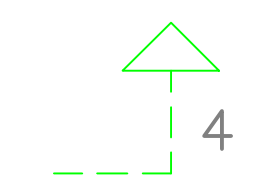
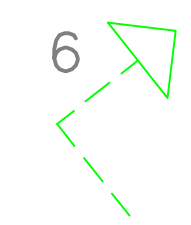
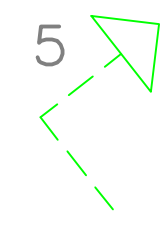
CODE 5 LEAD GUTTER LINING IN MAX. 1.5M LENGTHS WITH SINGLE WELT OVERLAPS AT JOINTS. LEADWORK DRESSED TO ROOF WINDOW AND DRESSED AROUND GUTTER AND VERTICALLY TO GUTTER UPSTAND IN ONE ORTH, CODE 4 LEAD COVER FLASHING TO GUTTER LEADWORK UPSTAND BENEATH WALL CAVITY TRAYS AS BEFORE DESCRIBED. ROOF WINDOW FLASHINGS DRESSED TO OVERLAP GUTTER LINING.

GUTTER LEADWORK AT ENDS OF BACK GUTTER TO BE DRESSED TO FORM CHUTES TO DISCHARGE RAINWATER OVER ROOF SLOPES.

BACK GUTTER SUPPORT FRAMEWORK AND GUTTER BOARDS AS DESCRIBED AND DETAILED TO BE CONTINUOUS ALONG REAR WALL OF EXTG HOUSE.

FORM UPPER CENTRE SECTION TO BACK GUTTER OVERLAYING BACK GUTTER AS DETAILED WITH 50 X 25MM TREATED SW BATTENS SPIKED TO GUTTER BOARDING AND 25MM THICK TREATED SW GUTTER UPPER GUTTER BOARDS CUT, FITTED AND SPIKED TO BATTENS TO FORM GUTTER 50MM HIGHER THAN LOWER GUTTER.

TREATED SW ARRIS AND GUTTER LEAD LINING AS BEFORE DESCRIBED AND LOWER AND UPPER LEADWORK AT GUTTER STEPS TO BE OVERLAPPED AND NEATLY DRESSED.



NEW PITCHED ROOF/EXTG GARAGE ROOF INTERSECTION COMPRISING:

FINNFOREST BUILDING SYSTEMS, OR EQUAL APPROVED 300 X 27MM KERTO-O ENGINEERED TIMBER RIDGEBOARD CUT AND FITTED TO EXTG HIP RAFTER AND SPIKED WITH ADDITIONAL TREATED SW BLOCKING AS REQUIRED.

225 X 25MM TREATED SW VALLEY LAYBOARD SPIKED TO TOPS OF EXTG GARAGE RAFTERS.

150 X 50MM GRADE C16 TREATED SW VALLEY JACK RAFTERS AND EXTENDED HIP RAFTERS AT MAXIMUM 400MM CTS WITH RAFTERS CUT AND FITTED TO EXTG HIP RAFTER, CUT AND FITTED TO VALLEY LAYBOARD AND RIDGEBOARD AND SPIKED.

100 X 50MM GRADE C16 TREATED SW CEILING COLLARS CUT AND FITTED TO SIDES OF EACH ROW OF RAFTERS AND FORM CEILING COLLAR/RAFTER BOLTED CONNECTIONS USING 10x M12 BOLT WITH NUTS AND WASHERS AS REQUIRED AND GALV STEEL DOUBLE SIDED DOG-TOOTH TIMBER CONNECTORS BETWEEN TIMBERS.

ALL LOOSE ROOF STRUCTURE TIMBERS TO BE CUT, FITTED AND SPIKED/BOLTED TOGETHER AS DESCRIBED.

ROOF STRUCTURE COMPRISING:

FINNFOREST BUILDING SYSTEMS, OR EQUAL APPROVED, 300 X 27MM KERTO-O ENGINEERED TIMBER RIDGEBOARD.

200 X 38MM GRADE C16 TREATED SW VALLEY AND HIP RAFTERS CUT AND FITTED OVER WALLPLATES AND CUT AND FITTED TO RIDGEBOARDS AND SPIKED.

150 X 50MM GRADE C16 TREATED SW COMMON RAFTERS, HIP JACK RAFTERS AND VALLEY JACK RAFTERS AT MAXIMUM 400MM CTS NOTCHED OVER WALLPLATES AND CUT AND FITTED TO VALLEY RAFTERS, HIP RAFTERS AND RIDGEBOARDS AND SPIKED.

100 X 50MM GRADE C16 TREATED SW CEILING COLLARS CUT AND FITTED TO SIDES OF EACH ROW OF RAFTERS AND FORM CEILING COLLAR/RAFTER BOLTED CONNECTIONS USING 10x M12 BOLT WITH NUTS AND WASHERS AS REQUIRED AND GALV STEEL DOUBLE SIDED DOG-TOOTH TIMBER CONNECTORS BETWEEN TIMBERS.

ALL LOOSE ROOF STRUCTURE TIMBERS TO BE CUT, FITTED AND SPIKED/BOLTED TOGETHER AS DESCRIBED.

FOUNDATION PLAN

Client
 MR + MRS LEAVER.

Project
 PROPOSED ALTERATIONS
 + EXTENSION,
 34 LANSDOWN CRESCENT,
 DERRY HILL,
 CALNE,
 WILTSHIRE.
 SN11 9NT

Drawing Title
 WORKING DRAWING.
 ROOF STRUCTURE PLAN.

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| Scale 1/50 | Date AUG 2012 | Drawn by |
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| Project Number 2012-12 | Drawing Number 07A |
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