

EXTERNAL WALLS
NATURAL RANDOLPH COURSED STONE TO MATCH EXISTING, APPROX. 150mm ON BED, FLUSH POINTED, AS WORK PROCEEDS.

SECURELY BRIDGE NEW WALLS TO EXISTING WITH CANCIC STRONGHOLD WALL STARTER TIE OR 300mm AND FERNAL CONTINUOUS CAVITY WITH LEAD MINIMISED OVERLAP WITH POLYURETHANE COMPRESSIBLE JOINT SEALED WITH POLYURETHANE SEALANT.

VERIFY EXISTING WALLS AND FOOTINGS ARE SUITABLE FOR ADDITIONAL LOADS BEFORE WORK COMMENCES WITH BUILDING CONTROL OFFICERS. CHECK LEVEL OF EXISTING WALL FOOTINGS TO GO BELOW BOTTOM OF FOOTINGS WITHOUT THE APPROVAL OF BUILDING CONTROL.

100mm OVERALL CAVITY WITH A 50mm MINIMUM CLEAR CAVITY CAVITY WALL TO HAVE THIS SUITABLE FOR CAVITY UP TO 140mm. AT 750mm HORIZONTAL CENTRES AND 450mm VERTICAL CENTRES REDUCED TO 300mm AT CORNERS AND ABOVE AND BELOW CAVITY. NON-ROTTING, NON-HYDROSCOPIC, NON OZONE DEPLETING INSULATION.

100mm LIGHTWEIGHT CONCRETE BLOCKWORK (MIN. STRENGTH 7.0N/mm²) FINISHED WITH 12.5mm FOLIO BACKED PLASTER, BASE COAT AND SKIM SKIPPING BOARDS TO BE CALK SEALED TO WALL AND FLOOR.

HORIZONTAL OPS TO BE USED IN BOTH LEAVES MIN. 150mm ABOVE EXTERNAL FINISHED GROUND LEVEL.

DPC CARRY TRAYS USED OVER AIR BRICKS AND ANY OTHER LOCATIONS WHERE THE CAVITY IS CROSSED.

BLOCKWORK BELOW GROUND FLOOR LEVEL TO HAVE MIN. STRENGTH 7N/mm²

OUTER LEAF TAKEN DOWN 150mm BELOW FINISHED GROUND LEVEL, 100mm CAVITY AND 100mm CONCRETE BLOCK INNER LEAF, DOWN TO FOUNDATION BLOCK/RETAINING WALL. WALL GEN 1 CONCRETE FOOTING TAKEN DOWN MINIMUM 600mm BELOW GROUND LEVEL OR TO FIRM BOTTOM IF LOWER TO THE APPROVAL OF THE BUILDING CONTROL OFFICERS.

EXTERNAL OPENINGS
CANIC COURSE FULLY INSULATED PRESSED STEEL UPTEL GS 80/100

ALL EXTERNAL OPENINGS TO HAVE DPC CLOAK OVER INCORPORATING STOP ENDS AND HEADPOSTS IN VERTICAL JOINTS.

TO PREVENT THERMAL BRIDGING AROUND EXTERNAL OPENINGS USE TANKING OR SIMILAR CLOSERS (BY TD) OR SIMILAR TO AAMB REVEALS, CUTLS AND DOOR STEPS.

LIFT AIR INSULATION AROUND DOOR AND WINDOW OPENINGS BY PROVIDING SEALS, DRAUGHT STRIPPING ETC..

GLAZING TO ALL WINDOWS, GLAZED PANELS IN DOORS AND SIGHTLIGHTS TO DOOR FRAMESETS TO BE 24mm DOUBLE GLAZED SEALED UNITS WITH LOW AN OUTER PANE OF 4mm AND AN INNER PANE OF 4mm CLEAR FLOAT GLASS TO GIVE A U VALUE OF 1.7 W/m²K. UPVC OR ALUMINIUM FRAME INSTALLED TO MANUFACTURERS AIRTIGHT FOR VENTILATION REQUIREMENTS SEE "ROOM VENTILATION" SPEC.

SOLID WOODEN DOORS ARE TO ACHIEVE A "U" VALUE OF 3.0 W/m²K.

ROOFLIGHTS
FELIX OR SIMILAR DOUBLE GLAZED ROOFLIGHT, TYPICAL FRAME 1200 X 1200mm. FLASHINGS PROVIDED AND LEAK WATER TIGHT ALL AS MANUFACTURERS INSTRUCTIONS, DOUBLE RATHERS EACH SIDE. ROOFLIGHT, TO ACHIEVE A U VALUE OF 1.8 W/m²K.

ROOM VENTILATION
KITCHEN TO BE FITTED WITH MECHANICAL EXHAUST FAN WITH CONTROLLABLE RATE OF 60L/SEC/MIN. IF DUCTED COOKER HOOD FITTED THEN EXTRACTION MAY BE REDUCED TO 30L/SEC. PROVIDE ADDITIONAL BACKGROUND SOUNDING WITH CONTROLLABLE AIR PER FIXED INTO THE WINDOW FRAME HEAD. COOKER HOODS TO BE FITTED 750mm ABOVE THE HOOD SURFACE.

ALL MECHANICAL EXTRACTION FANS TO BE DUCTED THROUGH WALL WITH CAVITY TRAY OVER 400mm FROM THE CEILING.

HABITABLE ROOMS TO HAVE OPENING LIGHTS IN FLOOR AREA WITH SOME PART OPENING AT 1750mm MIN. ABOVE FLOOR LEVEL.

BACKGROUND VENTILATION TO BE 800mm² OF VENTS FIXED INTO THE WINDOW.

VALLEYS
FORM VALLEY GUTTER WITH 200 X 125mm EXTERNAL QUALITY PLYWOOD BOARD WITH 4mm LEAD MINIMISED OVERLAP WITH POLYURETHANE COMPRESSIBLE JOINT SEALED WITH 150mm, AT JOINTS

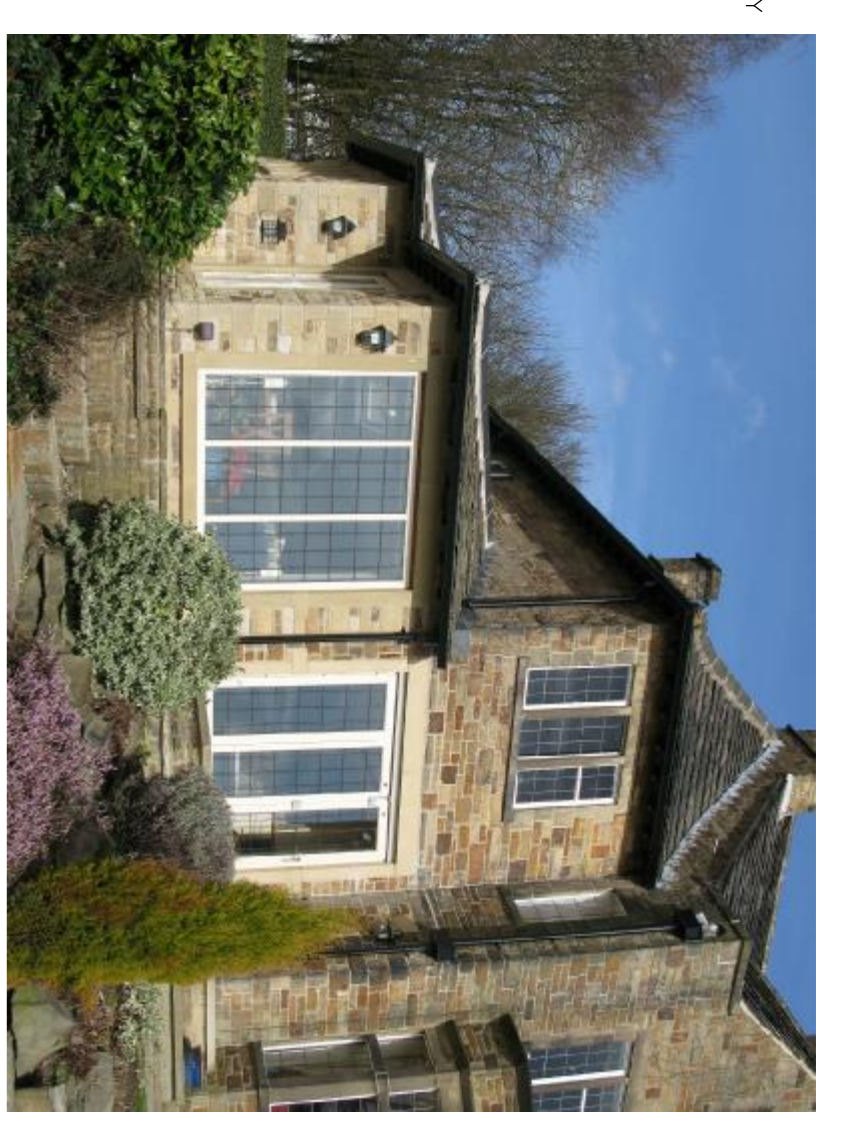
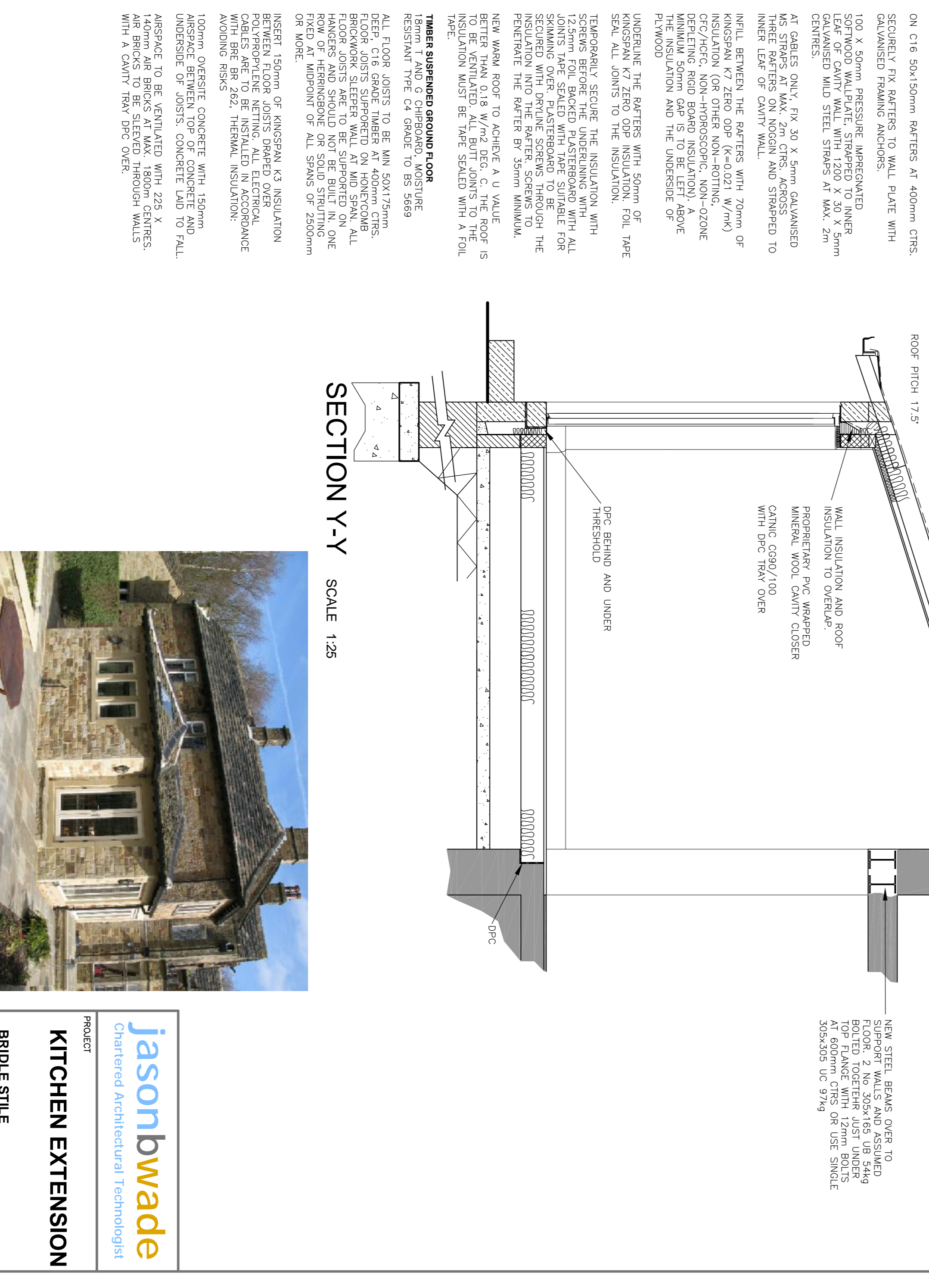
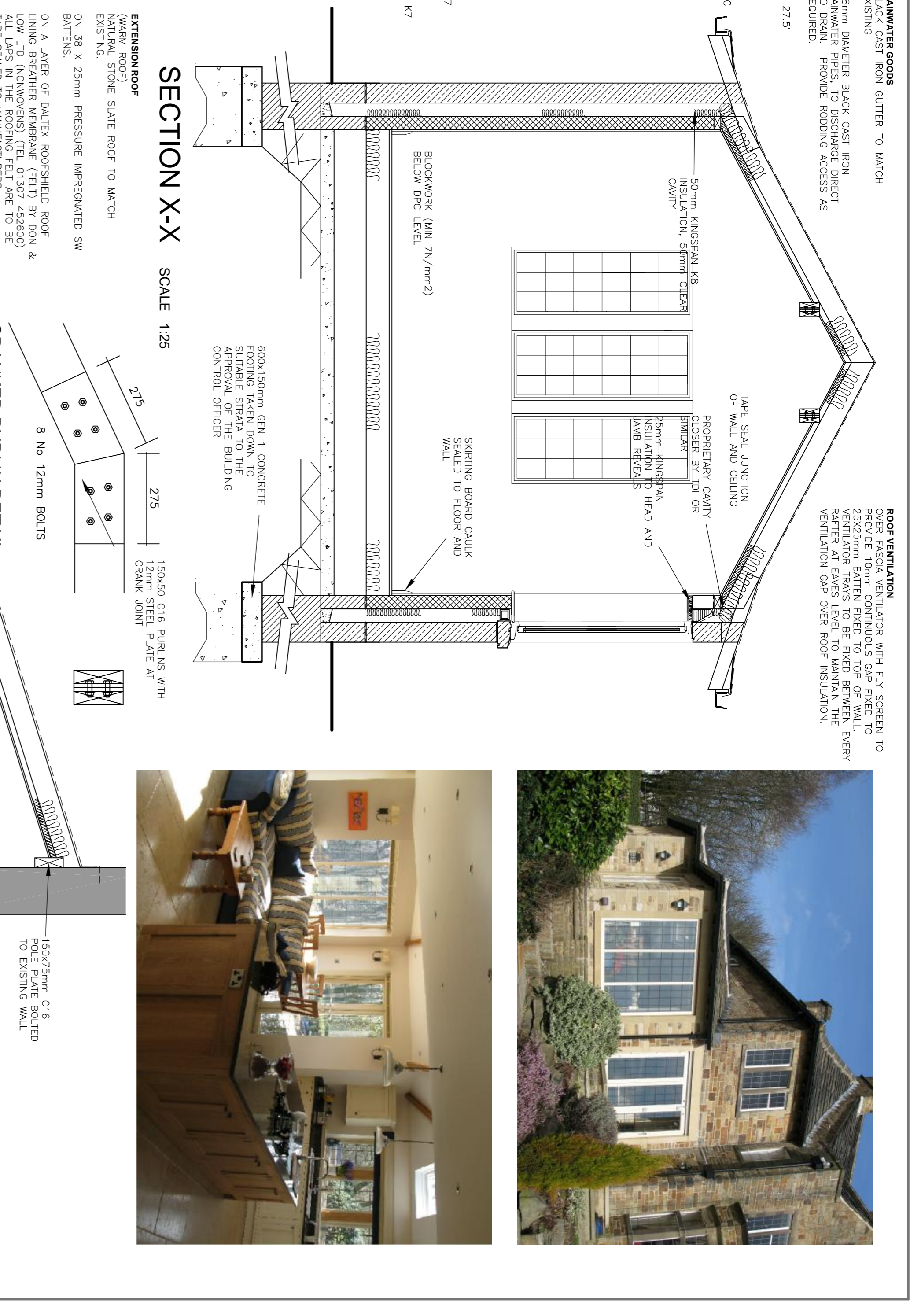
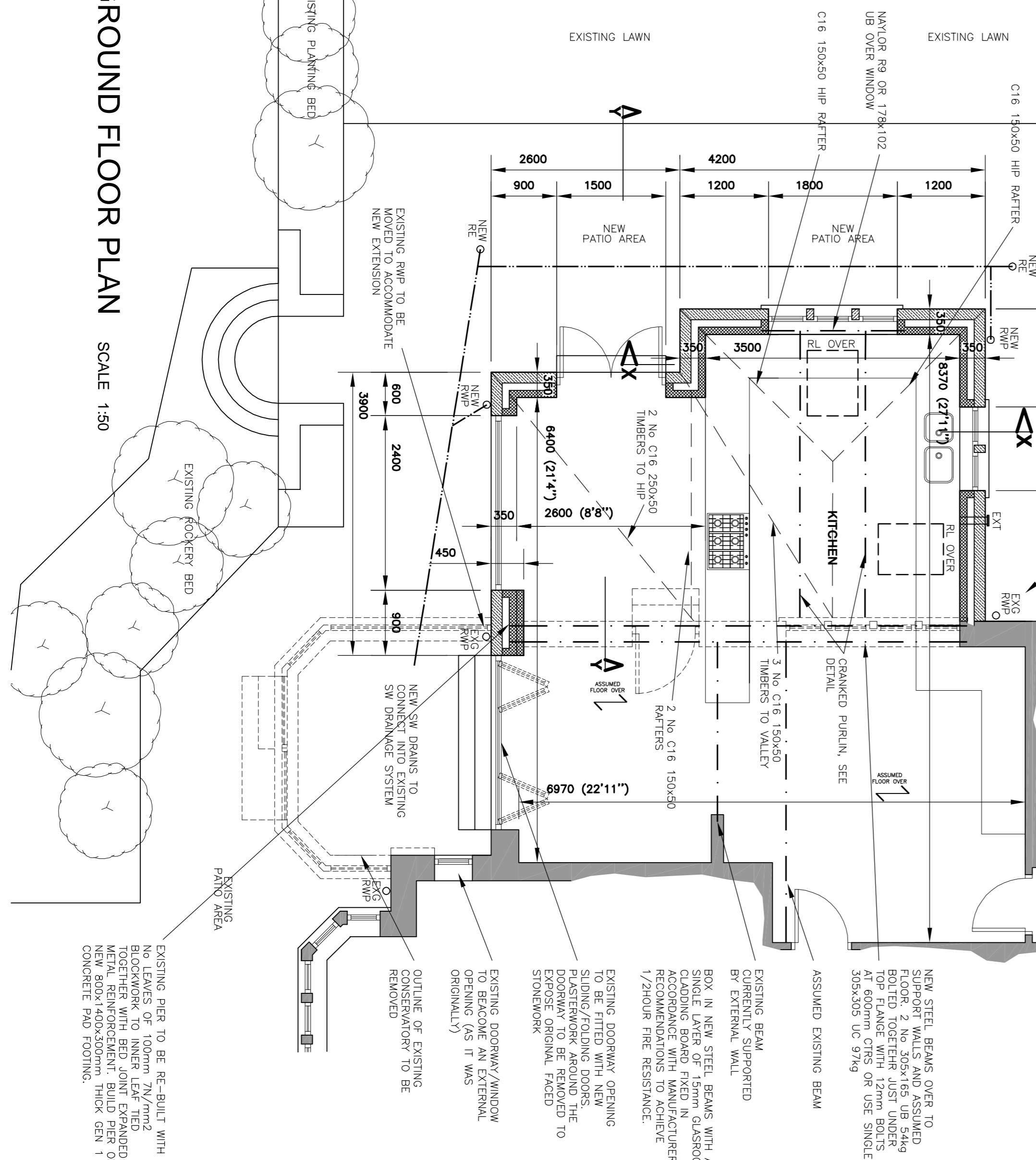
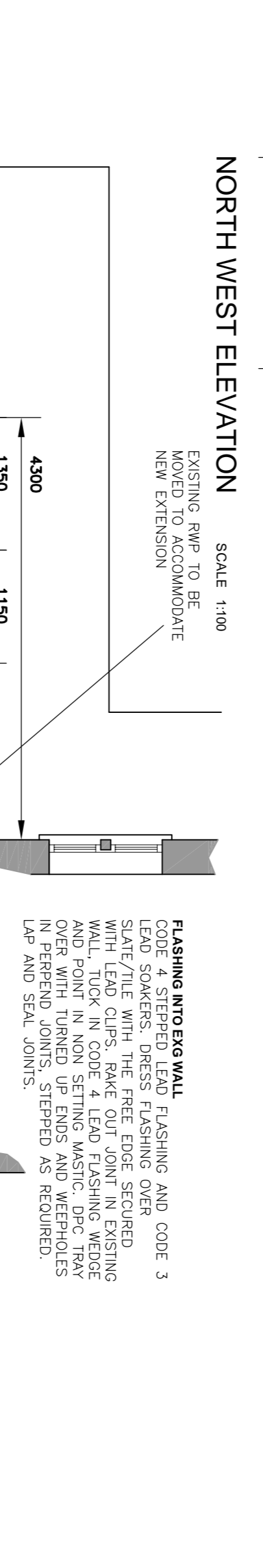
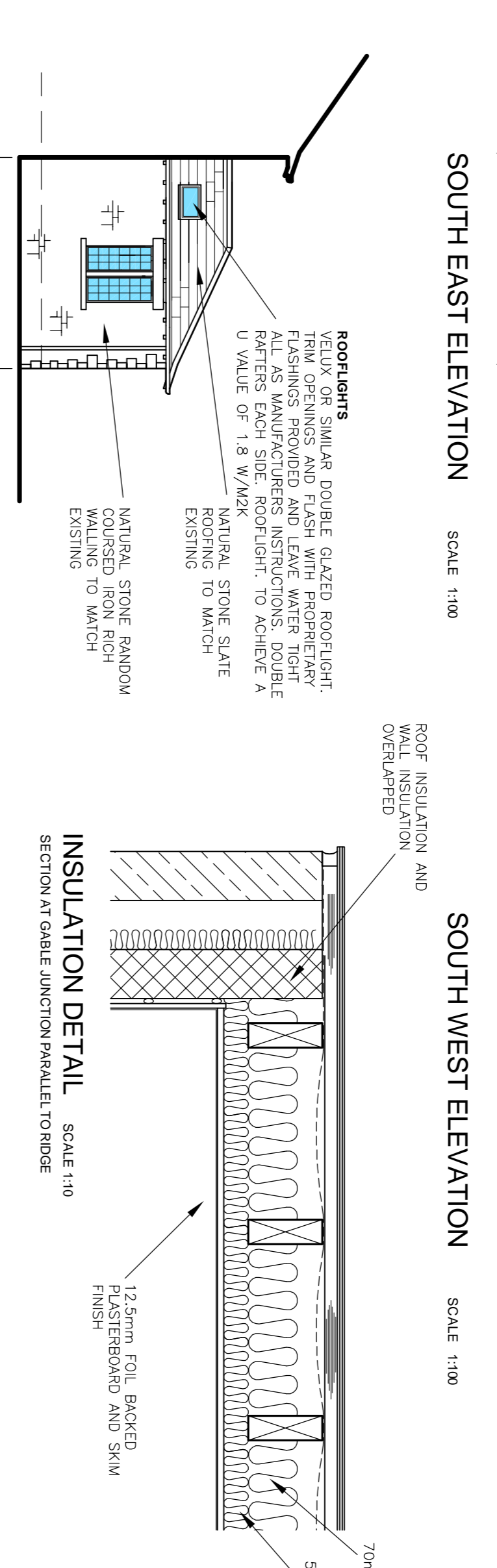
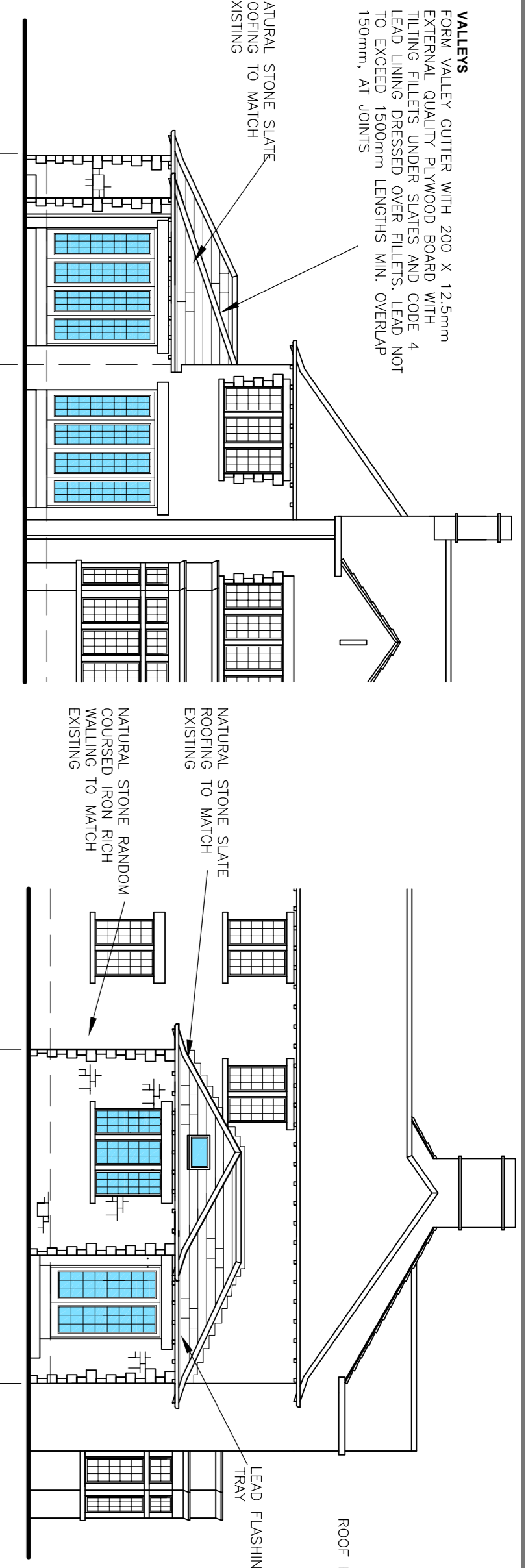
NATURAL STONE SLATE ROOFING TO MATCH EXISTING

NATURAL STONE RANDOLPH COURSED WALLING TO MATCH EXISTING

ROOF PITCH 27.5°

RAINWATER GOODS
EXISTING
68mm DIAMETER BLACK CAST IRON
TO DRAIN. PROVIDE ROOFING ACCESS AS REQUIRED.

ROOF VENTILATION
EXISTING
25x25mm BATTENS FIXED TO TOP OF WALL. VENTILATION TRAYS TO BE FIXED BETWEEN BATTENS TO PROVIDE OVER ROOF INSULATION.



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PROJECT
KITCHEN EXTENSION
BRIDLE STILE SHELF