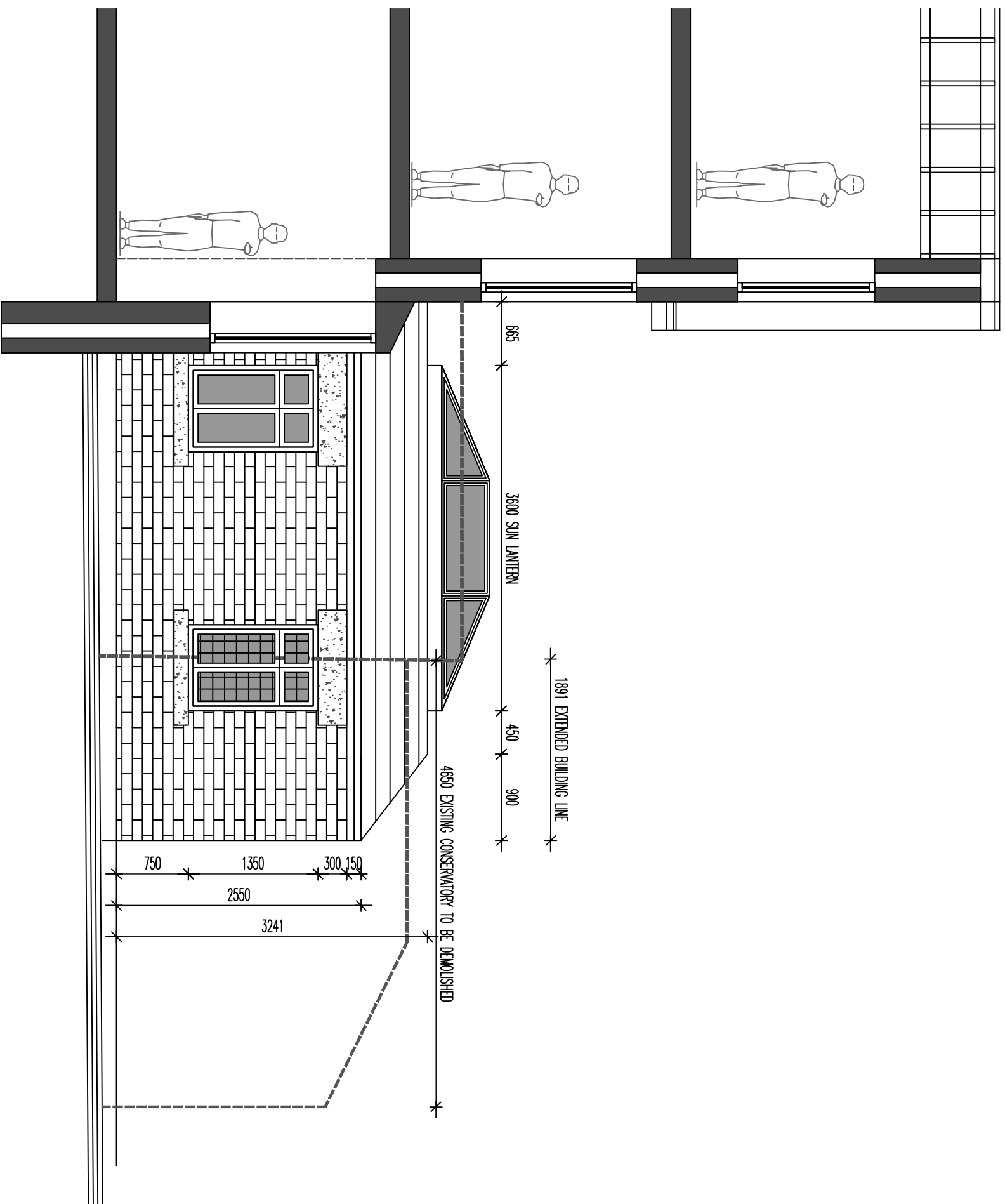


PROPOSED REAR SIDE ELEVATION 1:50



THE PROPOSED EXTENSION IS TO BE CONSTRUCTED FROM A STRIP FOOTING OF 600x300 AT A MIN DEPTH OF 600-900mm BELOW GROUND. FOUNDATION WALLS ARE TO BE CAVITY CONSTRUCTION WITH 7N BLOCKWORK (IF HEMELITE IS USED ETC IT CAN ACT AS A FOUNDATION BLOCK) AND WEAK MIX CONCRETE FILL TO UP TO 225mm BELOW DPC LINE IN THE CAVITY.
FLOOR BASE TO BE GROUND BEARING CONSTRUCTION WITH 150 COMPACTED HARDCORE BASE (SULPHATE FREE), 25mm SAND BLINDING, 1200 G DPM, 100mm XTRATHERM XT/UF INSULATION, 500q ISOLATING MEMBRANE AND 100mm RC SLAB OVER AND FINISHED TO CLIENTS REQUIREMENTS. 25mm PERIMETER INSULATION TO ALL EXTERIOR PERIMETERS TO PREVENT COLD BRIDGE. TAPE AND SEAL ALL DPM/DPC TO PREVENT AIR LEAKAGE AND FOR RADON PURPOSES. ALLOW FOR UNDERFLOOR HEATING TO EXTENSION AREA WITH ZONED CONTROLS

ROOF CONSTRUCTION IS A FLAT TOP MANSARD TRUSS STRUCTURE WITH BLUE/GREY NATURAL SLATE TO MATCH WITH MATCHING HPS. FLAT ROOF ELEMENT TO BE A SEALED EPDM MEMBRANE - HERTALAN OR SIMILAR APPROVED WITH MIN 1x80 FALL TO EDGES. ROOF STRUCTURE TO BE FLAT TOP MANSARD TRUSSES TO FRAME SUN LANTERN. SUN LANTERN TO BE WHITE POWDER COATED ALUMINIUM FRAME WITH TRIPLE GLAZING. PITCH OF LANTERN TO BE SET AT 22.5deg. ALL STRUCTURAL INFILL TIMBER TO BE MIN 150x50 C16 GRADE AT 450c/c's. PITCH AND FLAT ROOF AREA TO BE INSULATED WITH 300mm MIN ROCKWOOL INSULATION AND 100mm SUPERQUILT TO THE OPENING FRAME. 2000q DPM, 19mm EXTERNAL GRADE PLY DECK AND FINISHED WITH BONDED HERTALAN EPDM MEMBRANE OR SIMILAR APPROVED. DRAWINGS TO BE FORWARDED TO TRUSS MANUFACTURER FOR ROOF STRUCTURE

WALL CONSTRUCTION TO BE 350 O/A WITH 150mm OUTER COURSED GRITSTONE TO MATCH EXISTING SIDE ELEVATION. 100 CAVITY WITH 60mm XTRATHERM PARTIAL FILL INSULATION. 100mm INNER BLOCK TO BE 7N HEMELITE OR EQUIVALENT WITH INTERNAL DRY LINED PLASTERBOARD AND SKIM. TAPE AND SEALED. ALLOW FOR ALL RELEVANT CAVITY CLOSERS AND CAJING LINTOLS OR STEELS RELEVANT TO OPENINGS. BI-FOLD DOOR TO BE WHITE POWDER COATED ALUMINIUM WITH TRIPLE GLAZING AND INTEGRATED BLINDS. WINDOWS ARE TO BE WHITE UPVC DOUBLE GLAZED UNITS WITH TWO SIDE WINDOWS TO INCORPORATE STAINED GLASS PANELS TO MATCH EXISTING HOUSE WITHIN DOUBLE GLAZED UNITS (NB: STAINED GLASS UNITS ARE OBSCURED GLASS)

PROPOSED 09

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12 WHITE KNOWLE ROAD, BUXTON