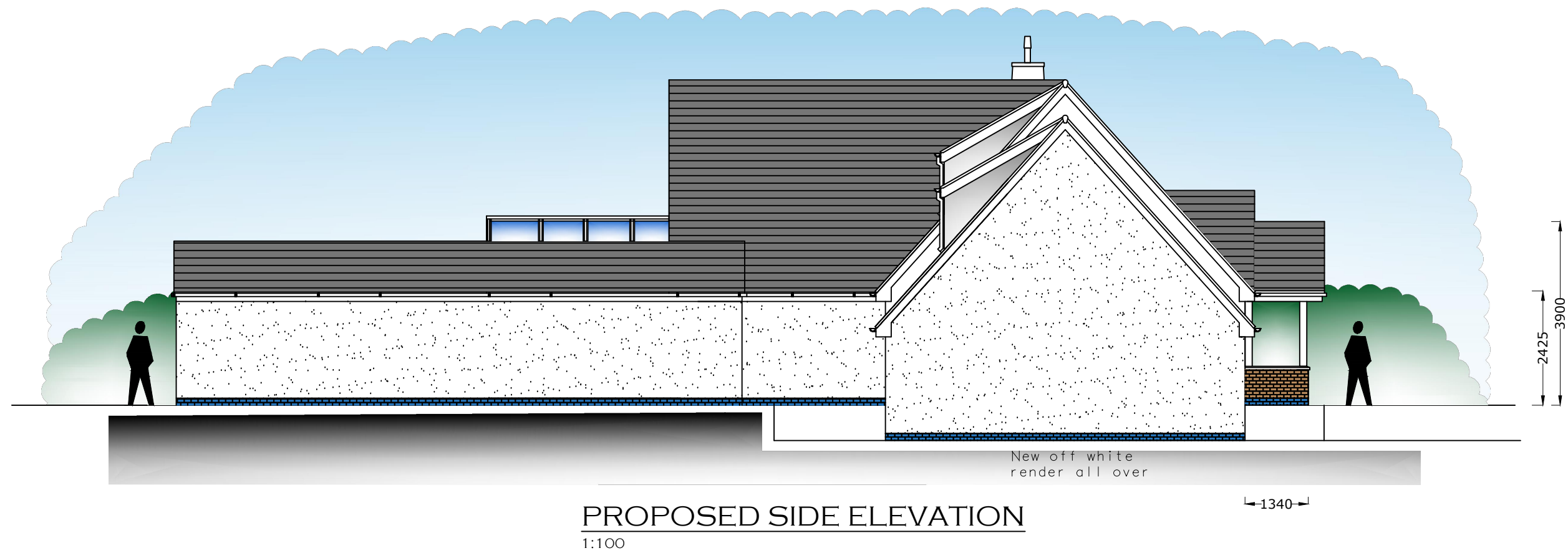
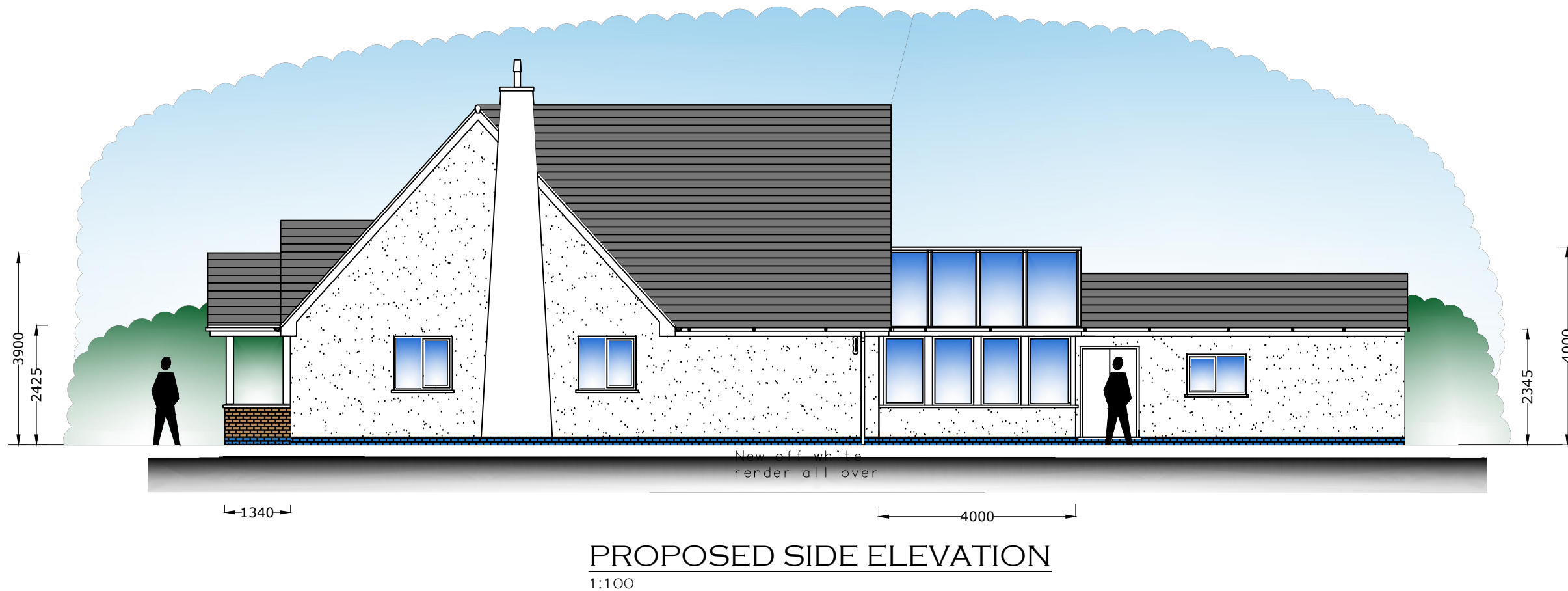
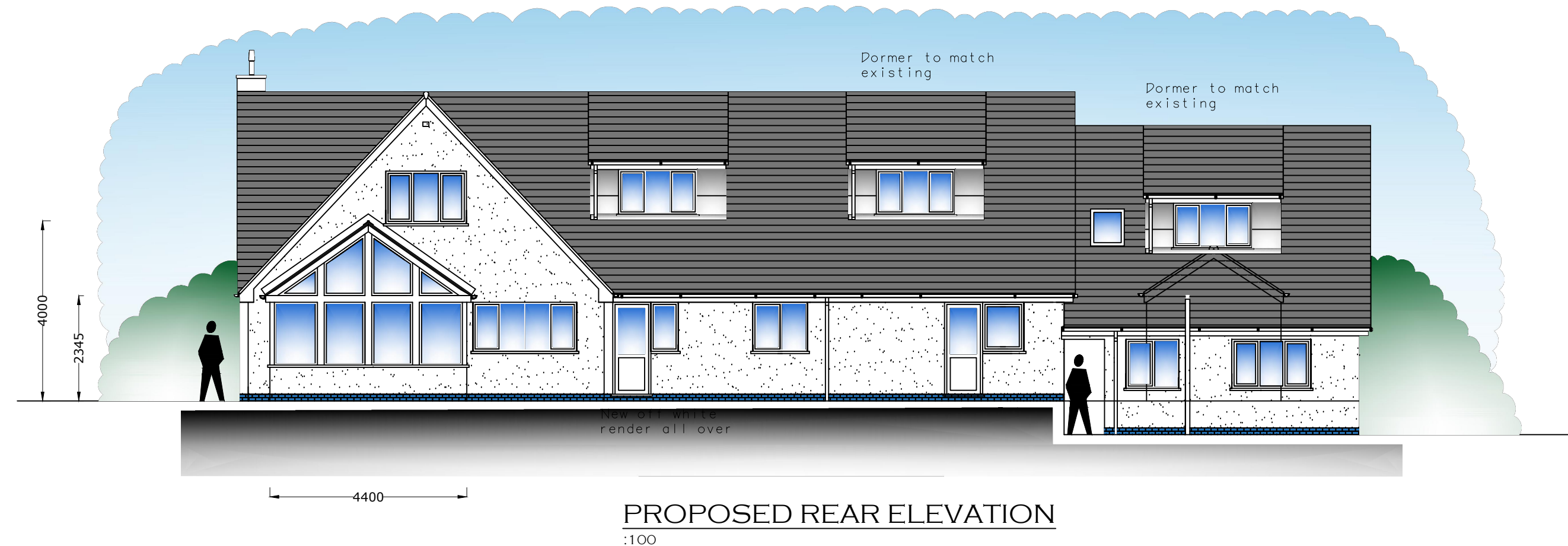
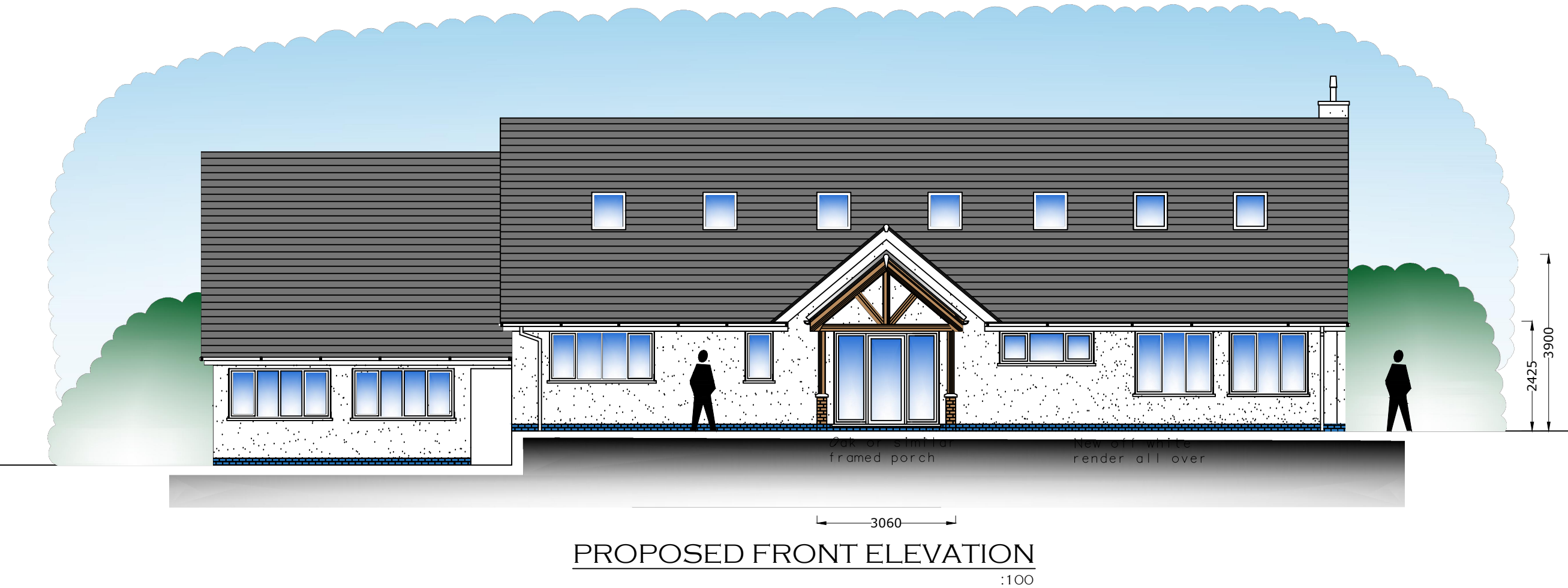




FOUNDATIONS.
NEW FOOTINGS TO BE 450 TRENCH FILL FOUNDATIONS, MINIMUM BASE DEPTH OF 1000 BELOW NATURAL GROUND LEVEL- STEP UP MAX 500, OR TO BELOW INVERT OF ADJACENT DRAINS, OR TO THE BOTTOM OF EXISTING HOUSE FOUNDATIONS WHICHEVER IS THE LOWER. EXACT DEPTH TO BE AGREED ON SITE WITH BUILDING CONTROL INSPECTOR TAKING INTO ACCOUNT GROUND CONDITIONS, DRAIN DEPTHS, AND TREE POSITIONS. CONCRETE TO BE GEN 1 BS 5328 PT2.

EXTERNAL WALLS (U-VALUE <0.28 W/M²K)
WALLS TO BE FACING BRICKS TO MATCH EXISTING TO CLIENTS APPROVAL. 100 TARMAC TOPLITE STANDARD BLOCKS OR SIMILAR WHERE SHOWN, DRYLINE WALLS WHERE NEEDED WITH 12.5 'GYPROC' PLASTERBOARD ON DABS WITH TAPED JOINTS AND SKIM COAT. POLYMER DPC TO BS 743 MINIMUM 150 ABOVE GROUND LEVEL. NEW WALL TO BE TOOTHED INTO EXISTING. MORTAR TO BE 1:3 BELOW DPC AND 1:4 MIX ABOVE.

LINTELS
INSULATED WALL LINTELS, IG OR CATNIC OR SIMILAR WITH MINIMUM 150 END BEARINGS. ALL SIZED TO SUIT LENGTH AND MANUFACTURERS DETAILS. ENCASE STEEL LINTELS IN PLASTERBOARD AND SKIM. EXISTING LINTELS TO BE ASSESSED AND REPLACED IF NECESSARY, IN AGREEMENT WITH BUILDING INSPECTOR.

GROUND FLOOR (U-VALUE <0.22W/M²K)
FINISH TO CLIENTS SPECIFICATION. 65 SCREED ON 100 CONCRETE SLAB (GEN 1 MIX) ON 500 GAUGE POLYTHENE VAPOUR CONTROL LAYER (VCL) ON 75 CELOTEX ON 1200 GAUGE DPM TURNED UP AT PERIMETER WITH 25 POLYSTYRENE UPSTANDS. 150 MINIMUM WELL COMPACTED CLEAN INERT HARD CORE. DPM TO JOIN DPC. REINFORCE SLAB WITH MESH ABOVE ANY DRAINS. AIR BRICKS AND TELESCOPIC DUCTS TO MAINTAIN AIR VENTS TO EXISTING FLOORS AS APPLICABLE. BUILDER TO CHECK FLOOR LEVELS MATCH EXISTING. DISCUSS WITH OWNER UNDERFLOOR HEATING OPTIONS.

INTERNAL WALLS
PARTITIONS TO CONSIST OF 50 x 75 SW STUDS INCLUDING FOOT AND HEADER PLATES WITH NOGGINS, WITH MIN. 25 THICK MINERAL FIBRE INSULATION (10KG/M³) WITHIN 12.5 PLASTERBOARD AND SKIM COAT TO EITHER SIDE. GYPROC MOISTURE RESISTANT PLASTERBOARD (GREEN FACED) TO ALL 'WET' AREAS.

LOFT STUD DWARF WALLS
75 x 100 SW STUDS INCLUDING FOOT AND HEADER PLATES WITH NOGGINS, WITH MIN. 100 THICK CELOTEX INSULATION WITHIN AND 12.5 FOIL BACKED PLASTERBOARD AND SKIM COAT TO INNER SIDE.

ROOF (U-VALUE <0.18M²K WHERE SLOPING)
47 x 170 SW C24 RAFTERS, RAFTERS DOUBLED UP AND BOLTED TOGETHER EITHER SIDE OF ROOFLIGHTS. INSULATE SLOPING CEILINGS WITH 120 CELOTEX BETWEEN RAFTERS (MIN 50 AIRGAP TO TOP MAINTAINED) AND 50 UNDER. WALL AND ROOF INSULATION TO BE CONTINUOUS. 12.5 FOIL BACKED (DUPLX) PLASTERBOARD AND SKIM COAT.

DORMER CHEEKS (U-VALUE <0.18W/M²K)
50 x 120 SW STUDS INCLUDING FOOT AND HEADER PLATES WITH NOGGINS, 12 PLYWOOD SHEATHING TO OUTER FACE, 25 CELOTEX AND 12.5 PLASTERBOARD AND SKIM COAT TO INSIDE. INSULATE INTERNALLY WITH 120 CELOTEX. EXTERNALLY APPLY TYVEC BREATHABLE FELT 12 EXTERIOR PLY, BATTENS AND CEDRAL CLADDING TO MANUFACTURERS DETAILS. CODE 4 LEAD FLASHING TO LSA DETAILING.

LEADWORK
CODE 4 LEAD FLASHING WITH MINIMUM 150 LAP TO ROOF AND 75 UP WALL TO LSA DETAILING.

LOFT FLOOR
47 X 195 C24 FLOOR JOISTS @ 400 CENTRES. 200 ROCKWOOL FLEXI MINERAL WOOL BETWEEN JOISTS. 2/3RD HEIGHT NOGGINS AT MID SPANS. 22 T&G CHIPBOARD TO TOP. 12.5 GYPROC FIRELINE BOARD AND SKIM UNDER.

STEELWORK
AS PER STRUCTURAL SPECIFICATION. 30 MINUTES FIRE PROTECTION WITH GYPROC FIRELINE BOARD AND SKIM.

WINDOWS (U-VALUE <1.6 W/M²K)
UPVC DOUBLE GLAZED UNITS. 16 ARGON FILLED GAP BETWEEN GLASS AND A SOFT 'IE' 'PILKINGTON K' COATING TO INNER PANE. TESTED TO BS 5713. TOTAL OPENING LIGHTS TO BE A MINIMUM OF 1/20TH OF ROOM FLOOR AREA FOR HABITABLE AREAS. TRICKLE VENTS TO ALL WINDOWS AND DOORS A MINIMUM OF 1700 OFF FLOOR. VENTILATION TO BE 5000mm² FOR HABITABLE ROOMS. EXACT SIZES TO BE MEASURED ON SITE. TOUGHENED GLASS TO BS6206 TO ALL DOORS AND GLAZING TO SIDE WITHIN 300, AND TO ANY GLAZING UNDER 800. DOORS WITH MORE THAN 50% GLAZING TO HAVE U VALUE OF 2.2W/M²K OR BETTER, OTHERS TO BE 3.0W/M²K OR BETTER. WINDOWS TO BEDROOMS TO BE MEANS OF ESCAPE (MOE) COMPLIANT- MIN. CLEAR OPENING OF .33M2 WITH NO DIMENSION LESS THAN 450. MAX 1100 OF FLOOR.

INTERNAL DOORS
DOORS AS MARKED.

RAINWATER DRAINS
100 GUTTERS TO 63 DOWNPIPE ONTO ROOF VIA SHOES. BRACKETS AT 1500 MAX VERTICAL CENTRES AND 1000 MAX HORIZONTAL CENTRES. CONTRACTOR TO ASCERTAIN ALL LEVEL, INVERTS AND DIRECTIONS BEFORE WORK COMMENCES ON DRAINS. 100 GUTTER TO 63 DOWNPIPE. BRACKETS AT 1500 MAX VERTICAL CENTRES AND 1000 MAX HORIZONTAL CENTRES.

PLUMBING.
EXTEND EXISTING HOT AND COLD WET SYSTEM TO ALL NEW FITTINGS. ALL WORK TO BS 5572. SINK WASTE - MAX 3000 FOR 40 DIA PIPE - 4000 FOR 50 DIA PIPE. WASHBASIN - MAX 1700 FOR 32 DIA PIPE - 3000 FOR 40 DIA PIPE. SLOPE BETWEEN 18 TO 90MM/M. 75 DEEP SEAL TRAPS. UPVC PIPES TO BS EN 1329. ALLOW FOR NEW CONNECTIONS INTO NEW SVP. SVP TO TERMINATE WITH FLOPLAST AX1 10 AAV..

VENTILATION
MECHANICAL EXTRACT FAN TO SHOWER ROOM NOT LESS THAN 15L/S. 10 AIR GAP UNDER DOORS. EXTRACT FAN TO BE DUCTED THROUGH WALL. MECHANICAL EXTRACT FAN TO KITCHEN NOT LESS THAN 30L/S IF IN COOKER HOOD OR 60L/S ELSEWHERE.

CONTINUITY OF INSULATION & AIRTIGHTNESS
BUILDING FABRIC CONSTRUCTED IN LINE WITH TSO ROBUST DETAILS CATALOGUE 'LIMITING THERMAL BRIDGING AND AIR LEAKAGE: ROBUST CONSTRUCTION DETAILS FOR DWELLINGS AND SIMILAR BUILDINGS 2002'

HEATING
EXTEND HOT WET SYSTEM TO ALL NEW FITTINGS. TRV'S TO ALL RADIATORS. ALLOW FOR ONE RADIATOR EACH TO THE NEW ROOMS. AS PER CLIENTS SPECIFICATION AND AGREEMENT. TO BE UNDERTAKEN BY GAS SAFE REGISTERED INSTALLER. DISCUSS WITH OWNER UNDERFLOOR HEATING OPTIONS.

ELECTRICS
EXTEND THE EXISTING POWER AND LIGHT SYSTEM INTO EXTENSION. CLIENT TO SUPPLY SPEC. ALLOW FOR ALL FITTINGS TO ONLY TAKE ENERGY SAVING LIGHT LAMPS GREATER THAN 40 LUMENS PER CIRCUIT WATT (TABLE 4 AD L1). ALL TO CURRENT I.E.E & N.I.C.E.I.C REGULATIONS. ALL ELECTRICAL WORK REQUIRED TO MEET THE REQUIREMENTS OF PART P (ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A PERSON COMPETENT TO DO SO. PRIOR TO COMPLETION THE COUNCIL SHOULD BE SATISFIED THAT PART P HAS BEEN COMPLIED WITH. THIS MAY REQUIRE AN APPROPRIATE BS7671 ELECTRICAL INSTALLATION CERTIFICATE TO BE ISSUED FOR THE WORK BY A PERSON COMPETENT TO DO SO. ALLOW FOR THE NO. SOCKETS AS AGREED WITH CLIENT. ELECTRICS TO CLIENTS SPECIFICATION.

FIRE DETECTION/ALARM
INSTALL SMOKE ALARMS, MAINS WIRED WITH BATTERY BACK UP & INTERLINKED TO BS 5446 PT 1:2000 AND POSITIONED IN ACCORDANCE WITH BS5839-6:2004. WITHIN 7500 OF EVERY HABITABLE ROOM AND 300 FROM ANY LIGHT FITTING AND WALL.

WOODWORK
SKIRTINGS, ARCHITRAVES, DOORS, SOFFITS ETC TO MATCH EXISTING & TO CLIENTS SATISFACTION.

DEMOLITION
ALLOW FOR REMOVING EXISTING.

GENERAL NOTES.
NO DIMENSIONS TO BE TAKEN FROM THIS DRAWING. ALL DIMENSIONS STATED ARE METRIC MILLIMETRES. ALL LEVELS, INVERTS AND DIMENSIONS TO BE CHECKED ON SITE BEFORE AND DURING WORK.
ALL WORK IS TO BE CARRIED OUT IN LINE WITH CURRENT BUILDING REGULATIONS, RELEVANT CODES OF PRACTICE, BRITISH & EUROPEAN STANDARDS AND MANUFACTURERS SPECIFICATIONS TO THE BUILDING INSPECTORS SATISFACTION, AND IN ACCORDANCE WITH PUBLIC AND PRIVATE UTILITIES REGULATIONS. NO WORK TO ENCRACH BOUNDARY LINES. IT IS THE CLIENTS RESPONSIBILITY TO ISSUE ANY 'PARTY WALL ACT 1996' NOTICE NECESSARY BEFORE ANY WORK COMMENCES ON THE BOUNDARY.
IT IS THE CLIENTS RESPONSIBILITY TO ENSURE ANY WORK SHOWN ON THIS PLAN DOES NOT CONTRAVENE ANY COVENANTS.
IT IS THE CLIENTS/ BUILDERS RESPONSIBILITY TO CHECK THE EXACT POSITION OF ALL SERVICES TO INCLUDE GAS, ELECTRICITY, WATER AND TELEPHONE, AND POSITION, OWNERSHIP AND DEPTHS OF FOUL AND RAINWATER DRAINAGE.
THE EXACT SPECIFICATION OF FINISHES, FITTINGS AND SERVICES TO BE INSTRUCTED BY THE CLIENT.
ANY DEVIATION FROM THESE PLANS SHOULD BE NOTIFIED TO THE BUILDING INSPECTOR AND AMLI DESIGN.
IT IS THE OWNERS/ CONTRACTORS RESPONSIBILITY TO NOTIFY THE BUILDING INSPECTOR WHEN THE WORK IS READY FOR THE RELEVANT INSPECTIONS AND FOR THE CLIENTS RECEIPT OF THE COMPLETION CERTIFICATE. IT IS ASSUMED NO PUBLIC SEWERS CROSS THE SITE.
THE CONTRACTOR IS ASSUMED TO HAVE VISITED SITE BEFORE TENDERING.
THIS DRAWING HAS BEEN PREPARED FOR LA PLANNING & BUILDING CONTROL CONSENT ONLY. USE IMPLIES THE CLIENT AGREES TO ALL TERMS AND CONDITIONS. UNTIL APPROVALS HAVE BEEN OBTAINED THESE DRAWINGS REMAIN PRELIMINARY. WORK SHOULD NOT COMMENCE OR MATERIALS ORDERED UNTIL APPROVAL IS OBTAINED. COPYRIGHT REMAINS WITH AMLI DESIGN.



PROJECT NAME
EXTENSIONS AND ALTERATIONS
8 STAPELTON LANE
KIRKBY MALLORY
LEICESTERSHIRE LE9 7QJ
FOR MR G. DUDEK

SCALE
1:100/1:50
A1

DWG NO.
8SL/2024
3

REV

DATE
JAN 2024

DRAWN
DRI

CHKD
GD
01/24

