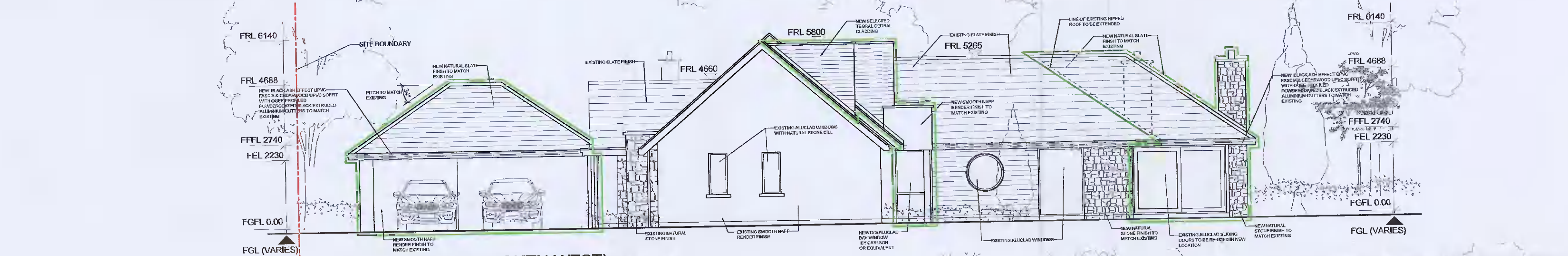
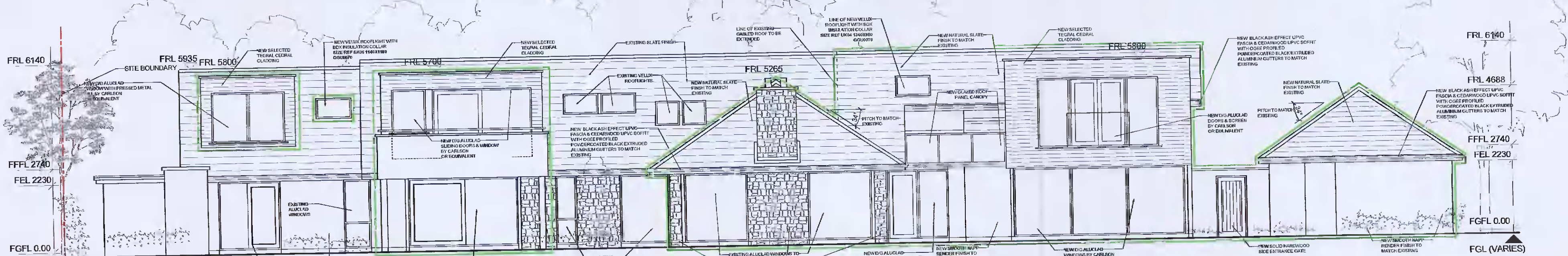


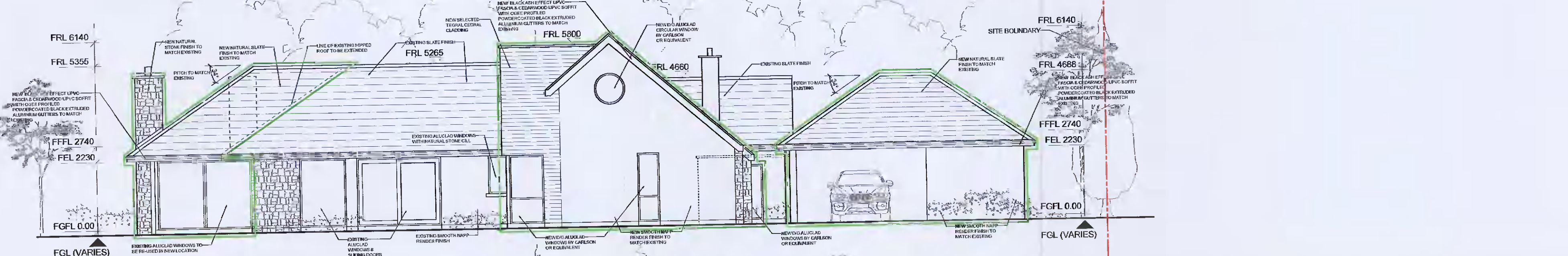
**FRONT ELEVATION (NORTH WEST)**  
Scale 1:100



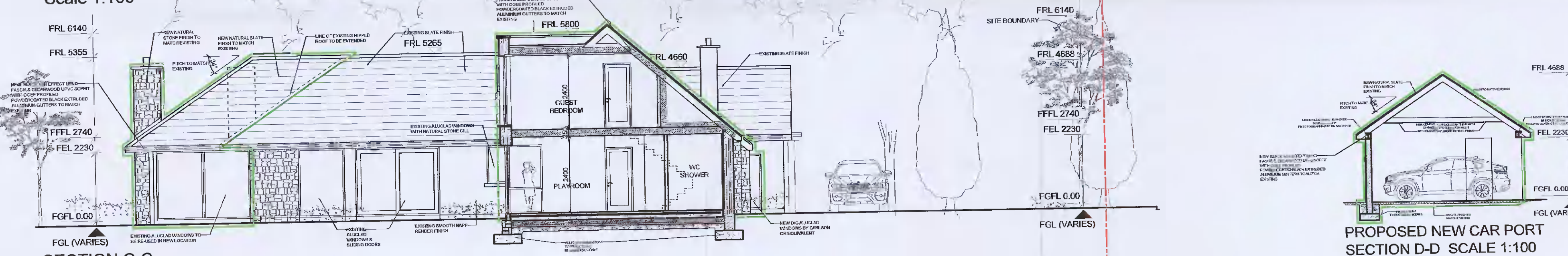
**SIDE ELEVATION (SOUTH WEST)**  
Scale 1:100



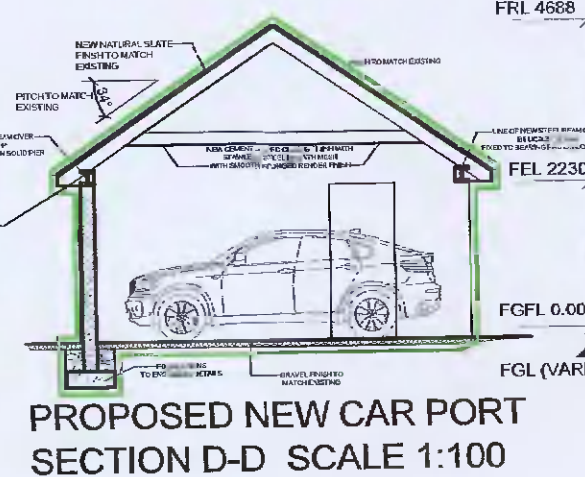
**REAR ELEVATION (SOUTH EAST)**  
Scale 1:100



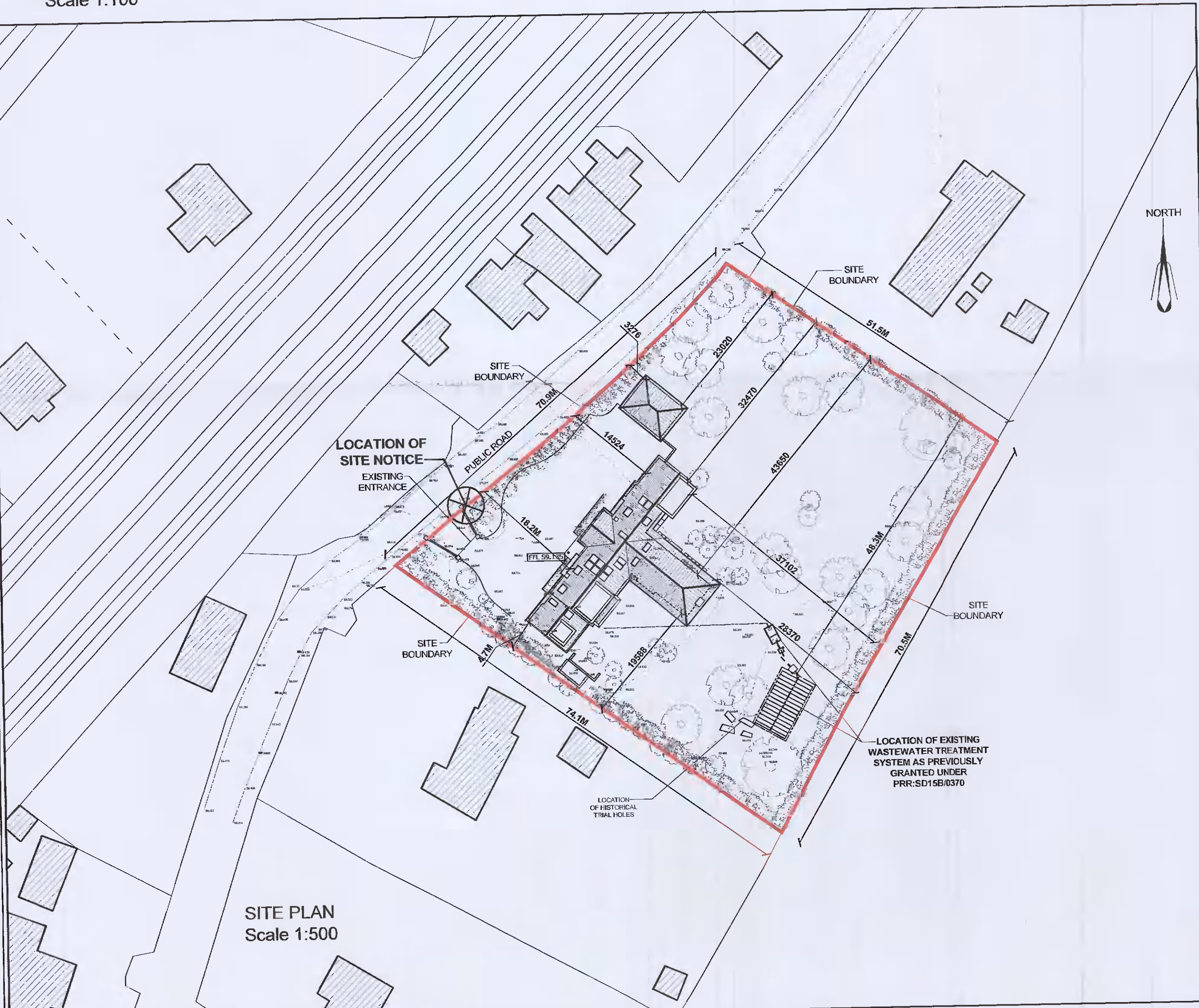
**SIDE ELEVATION (NORTH EAST)**  
Scale 1:100



**SECTION C-C**  
Scale 1:100



**PROPOSED NEW CAR PORT SECTION D-D SCALE 1:100**



**SITE PLAN**  
Scale 1:500

- LEGEND:**
- Existing Walls
  - New Concrete Block Construction
  - Existing Walls to be Demolished
  - Break out New Open
  - Foul Water (fw) Drain
  - Surface Water (sw) Drain
  - Outline of all New Extension Areas

**IMPORTANT NOTE:**  
THESE DRAWINGS HAVE BEEN PREPARED FOR PLANNING APPLICATION PURPOSES ONLY AND MAY NOT BE USED FOR ANY OTHER PURPOSE

**UNDERFLOOR HEATING FLOOR CONSTRUCTION: TOTAL AREA ~197M<sup>2</sup>**  
75MM FLOOR SCREED TO POLYMER SPECIFICATION ON SEPARATION LAYER ON POLYMER UNDERFLOOR HEATING SYSTEM FIXED TO 125mm XTRATHERM XT/HTF TRG, WITH A 40mm UPSTAND OF XTRATHERM XT/HTF PERIMETER STRIP TO BE PLACED AROUND THE PERIMETER EDGE OF THE WALL/FLOOR JUNCTION ON 150mm POWER FLOATED CONCRETE SLAB ON MONOLITHIC 'SLABLINE' RADON PROOF MEMBRANE ON 50mm COARSE SAND ON 150mm WELL COMPACTED HARDCORE WITH RADON SLIM & VENTILATED OUTLET IN CENTRAL LOCATION TARGET U-VALUE = 0.13W/m<sup>2</sup>K

**ROOF CONSTRUCTION**  
NEW NATURAL SLATE FINISH TO MATCH EXISTING LAD TO MANUFACTURERS RECOMMENDATIONS ON TREATED S.W. BATTENS ON SELECTED BREATHABLE ROOF FELT ON 200mm EARTHWOOL LAD IN BETWEEN EACH TREATED S.W. CEILING JOIST WITH 200MM EARTHWOOL LAPPED OVER IN ON-SITE DIRECTION WITH AIRTIGHT MEMBRANE FITTED WITH CYPROLOC PLASTERBOARD TAPED & BONDED WITH SKIM FINISH ALLOW FOR PROPRIETARY GLEBEVALE PRIMER GAVES VENTILATION SYSTEM TO ALL LEAVES DETAILS INCLUDING OVERLAP OF MINERAL FIBRE INSULATION AT VALLEY/PLATE LEVEL TARGET U-VALUE = 0.14W/m<sup>2</sup>K

**NEW ROOF CONSTRUCTION (SLOPER)**  
NEW NATURAL SLATE FINISH TO MATCH EXISTING LAD TO MANUFACTURERS RECOMMENDATIONS ON TREATED S.W. BATTENS ON KINGSSPAN INVENT BREATHABLE ROOF FELT ON TREATED S.W. RAFTERS WITH A 60mm CLEAR VENTILATION AIR GAP TIGHTLY FIT NEW 125mm XTRATHERM XT/HTF BETWEEN RAFTERS WITH 62.5mm XTRATHERM XT/HTF POLYGLASS INSULATED BOARD TAPED & SEALED TO FORM VAPOUR BARRIER WITH SKIM FINISH THROUGHOUT ALLOW FOR PROPRIETARY GLEBEVALE PRIMER GAVES VENTILATION SYSTEM TO ALL LEAVES DETAILS INCLUDING OVERLAP OF MINERAL FIBRE INSULATION AT CAVITY CLOSER LEVEL TARGET U-VALUE = 0.16W/m<sup>2</sup>K

**NEW FLAT ROOF CONSTRUCTION**  
PARTIALLY RELEASE FINISH LAD TO MANUFACTURERS RECOMMENDATIONS ON 150mm OSB PLYWOOD CHECK ON TREATED S.W. FRAMING PIECES LAD TO FALL ON BREATHABLE ROOF FELT ON TREATED S.W. RAFTERS WITH A 60mm CLEAR VENTILATION AIR GAP WITH 100mm XTRATHERM XT/HTF BETWEEN JOISTS WITH 62.5mm XTRATHERM XT/HTF POLYGLASS INSULATED BOARD TAPED & SEALED TO FORM VAPOUR BARRIER WITH SKIM FINISH THROUGHOUT ALLOW FOR CONTINUOUS GLEBEVALE PRIMER GAVES VENTILATION SYSTEM TO ALL LEAVES DETAILS INCLUDING OVERLAP OF MINERAL FIBRE INSULATION AT VALLEY/PLATE LEVEL TARGET U-VALUE = 0.17W/m<sup>2</sup>K

**WALL CONSTRUCTION**  
WALLS TO ACCORDING TO STRUCTURAL ENGINEERS SITE 125mm XTRATHERM XT/HTF INSULATED PLASTER BOARD FIXED TO XTRATHERM SPECIFICATIONS DIRECTLY TAPED SEALED AND BONDED TO 100mm CONCRETE BLOCK INNER LEAF WITH 60mm XTRATHERM XT/HTF WITH 40mm CAVITY 100mm CONCRETE BLOCK WITH SELECTED SMOOTH RENDER FINISH ALLOW FOR 50mm XTRATHERM ROXID BETWEEN INTERMEDIATE JOIST LEVEL & EXTERNAL BLOCK WALL INNER LEAF TARGET U-VALUE = 0.18W/m<sup>2</sup>K

**EMMET DUGGAN ARCHITECTS LTD**  
BEECH LODGE DESIGN STUDIO, BEECH ROAD, ARKLOW, CO. WICKLOW.  
Alterations and Additions to existing dwelling at Hazelbery, Hazelhatch, Cellbridge, Co. Kildare

CLIENT: Mr. Brendan McAtamney & Ms. Caroline Dowling Scale: 1:100

DRAWING: Planning Application ELEVATIONS, SECTION C-C & SITE LAYOUT PLAN

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