

GROUND FLOOR PLAN
Scale 1:100

LOCATION OF
SITE NOTICE

UNDERFLOOR HEATING FLOOR CONSTRUCTION: TOTAL AREA - 197M²
 FROM FLOOR SCREED TO POLYMER SPECIFICATION ON SEPARATION LAYER ON POLYMER UNDERFLOOR HEATING SYSTEM FIXED TO 125mm XTRATHERM XT7 HYP T&G WITH A 40mm UPSTAND OF XTRATHERM XT7 HYP FIBRE STRIP TO BE PLACED AROUND THE PERIMETER EDGE OF THE WALL. FLOOR JOINTS ON 150mm POWER FLOATED CONCRETE SLAB ON POLYMER SPECIFICATION RADON PROOF MEMBRANE ON 50mm COARSE SAND ON 150mm WELL COMPACTED HARDCORE WITH RADON SUMP & VENTILATED OUTLET IN CENTRAL LOCATION TARGET U-VALUE = 0.18W/m²K

ROOF CONSTRUCTION
 NEW NATURAL SLATE FINISH TO MATCH EXISTING LAD TO MANUFACTURERS RECOMMENDATIONS ON TREATED S.W. BATTENS ON SELECTED BREATHABLE ROOF FELT ON TREATED S.W. RAFTERS 200mm EARTHWOOL LAD IN BETWEEN EACH TREATED S.W. CEILING JOIST WITH 200mm EARTHWOOL LAPPED OVER IN OPPOSITE DIRECTION WITH AIRTIGHT MEMBRANE FITTED WITH GYPROCK PLASTERBOARD TAPED & BONDED WITH 50mm FINISH ALLOW FOR PROPRIETARY GLIDEVALE PREMIER EAVES VENTILATION SYSTEM TO ALL EAVES DETAILS INCLUDING OVERLAP OF MINERAL FIBRE INSULATION AT WALLS & LEVEL TARGET U-VALUE = 0.17W/m²K

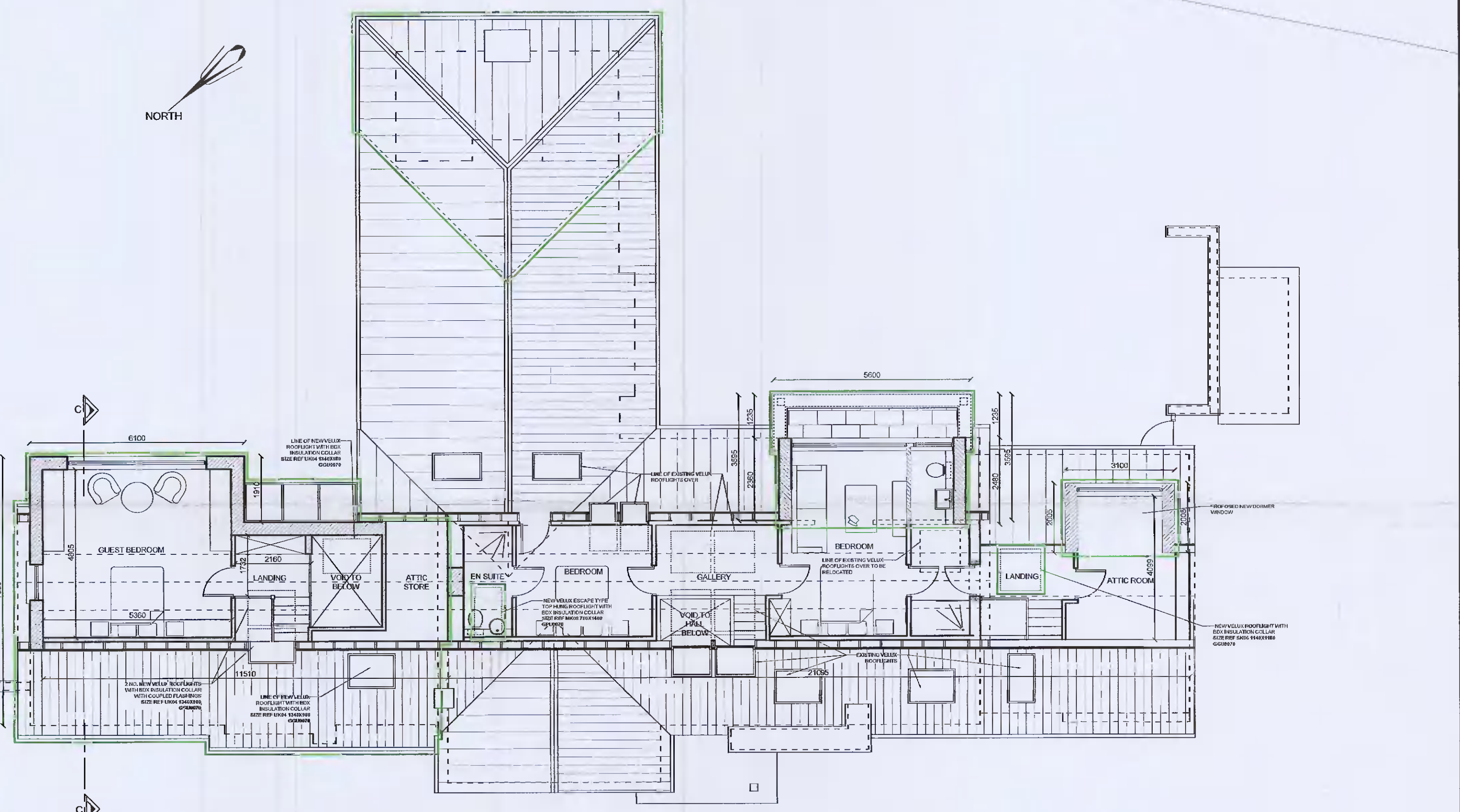
NEW ROOF CONSTRUCTION (SLOPED)
 NEW NATURAL SLATE FINISH TO MATCH EXISTING LAD TO MANUFACTURERS RECOMMENDATIONS ON TREATED S.W. BATTENS ON RINGSPAN INVERT BREATHABLE ROOF FELT ON TREATED S.W. RAFTERS WITH A 50mm CLEAR VENTILATION AIR GAP TIGHTLY FIT NEW 125mm XTRATHERM XT7 PR BETWEEN RAFTERS WITH 50mm XTRATHERM XT7 MF FOR BACKED INSULATED BOARD TAPED & SEALED TO FORM VAPOUR BARRIER WITH 50mm FINISH THROUGHOUT ALLOW FOR PROPRIETARY GLIDEVALE PREMIER EAVES VENTILATION SYSTEM TO ALL EAVES DETAILS INCLUDING OVERLAP OF MINERAL FIBRE INSULATION AT CAVITY EXPOSURE LEVEL TARGET U-VALUE = 0.17W/m²K

NEW FLAT ROOF CONSTRUCTION
 PAINTED FIBREGLASS FINISH LAD TO MANUFACTURERS RECOMMENDATIONS ON 18mm OSB1 YWOOD DECK ON TREATED S.W. FINISHING PIECES LAD TO FALL ON BREATHABLE ROOF FELT ON TREATED S.W. RAFTERS WITH 150mm XTRATHERM XT7 MF BETWEEN JOISTS WITH 125mm XTRATHERM XT7 MF FOR BACKED INSULATED BOARD TO THE UNDERSIDE OF JOISTS TAPED & SEALED TO FORM VAPOUR BARRIER WITH 50mm FINISH THROUGHOUT ALLOW FOR CONTINUOUS GLIDEVALE VENT BEHIND NEW FASCIA & ALSO NEW GLIDEVALE P/250 PROPRIETARY PARAPET VENT TO PARAPETS TO ALLOW FOR CROSS VENTILATION TO DETAIL TARGET U-VALUE = 0.17W/m²K

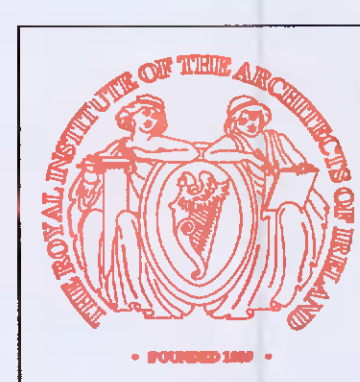
WALL CONSTRUCTION
 VARIES ACCORDING TO STRUCTURAL ENGINEERS SPEC 50mm XTRATHERM XT7 TLF MF INSULATED PLASTER BOARD FIXED TO XTRATHERM SPECIFICATIONS DIRECTLY TAPED SEALED AND BONDED TO 100mm CONCRETE BLOCK INNER LEAF WITH 40mm XTRATHERM XT7 TLF MF WITH 40mm CAVITY 100mm CONCRETE BLOCK WITH SELECTED SMOOTH RENNER FINISH ALLOW FOR 50mm XT7 MF FRG BETWEEN INTERMEDIATE JOIST LEVEL & EXTERNAL BLOCK WALL INNER LEAF TARGET U-VALUE = 0.16W/m²K

- LEGEND:**
- Existing Walls
 - New Concrete Block Construction
 - Existing Walls to be Demolished
 - Break out New Opn
 - 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



FIRST FLOOR PLAN
Scale 1:100



EMMET DUGGAN ARCHITECTS LTD
 BEECH LODGE DESIGN STUDIO, BEECH ROAD, ARKLOW, CO. WICKLOW.
 Alterations and Additions to existing dwelling at
 PROJECT: Hazelberry, Hazelhatch, Cellbridge, Co. Kildare
 CLIENT: Mr. Brendan McAtamney & Ms. Caroline Dowling Scale: 1:100
 DRAWING: Planning Application GROUND FLOOR & FIRST FLOOR PLANS
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