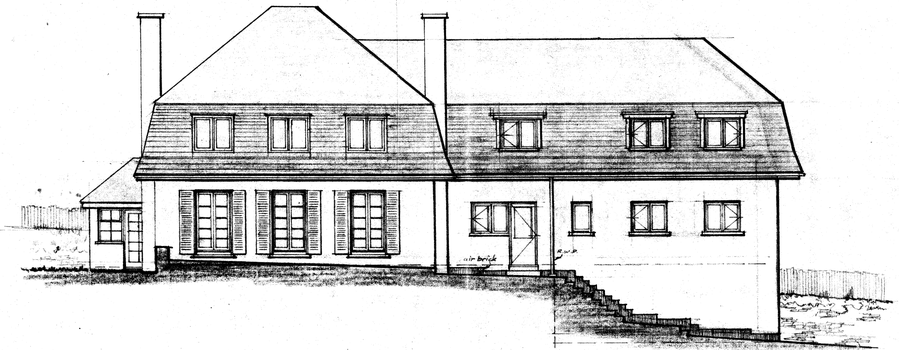
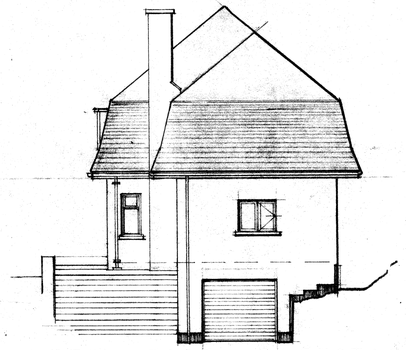
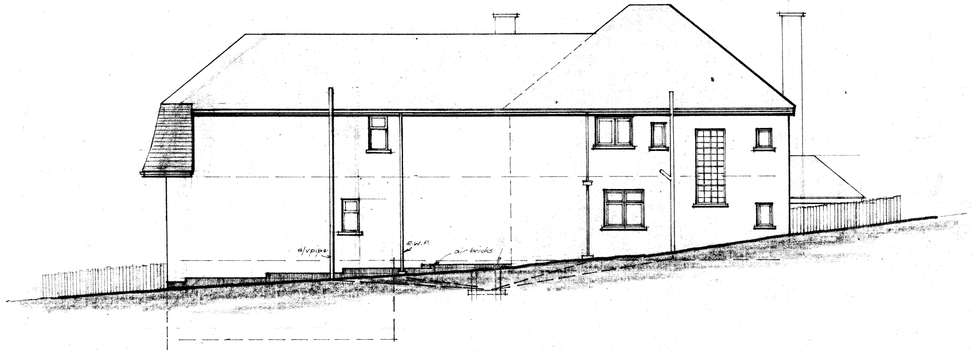


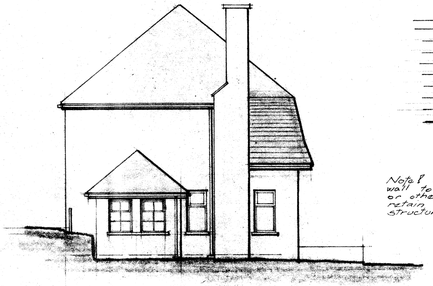
SOUTH EAST ELEVATION.



NORTH EAST ELEVATION.



NORTH WEST ELEVATION.



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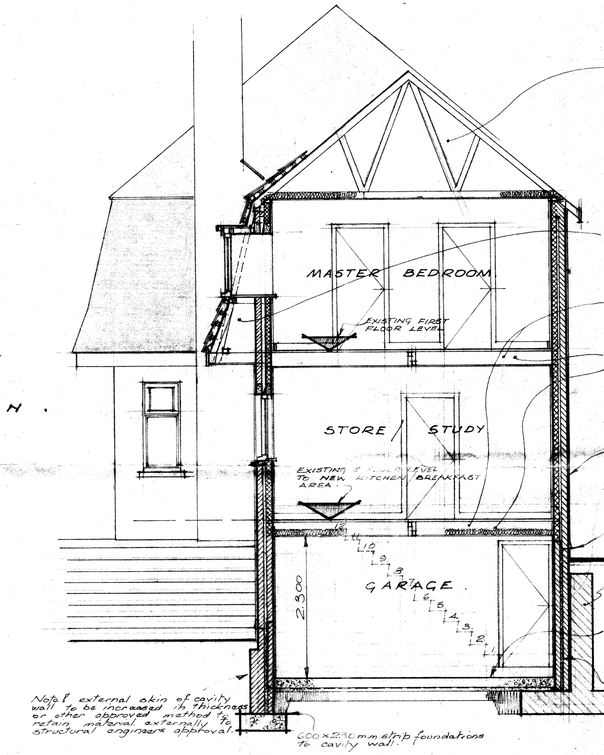

grey/green slates laid with diminishing courses to match existing roof on 50x25mm tile battens on roofing felt on special 'deadning roof' purlins at 1200mm c/c securely tied to 100x75mm wall plates strapped or bolted down to inner skin of cavity wall with 9.5mm thick plasterboard to bottom flg of truss as ceiling to bedroom and with 75mm thick fibre glass quilt insulation laid on top of plasterboard and between trusses.

mansard cheek to be constructed with grey/green slates on battens and felt as noted above, laid on 100x50mm rafters, birds mouthed over and securely tied to 100x75mm wall plate bolted or strapped down to top of cavity wall. rafters also securely spiked to main rafter of truss & bevel heads of rafters to mansard cheek to be fixed to extended floor joists and with 100x38mm spiked & glued to sides of rafters & extended floor joists — fascia to be 4x25mm thick and fixed level with fascia of existing roof.

Note: every 4th floor joist to have 30x5mm iron band under joists fixed to floor joist and with split at upper ends or other approved means for building in and securely fixing to the inner skin of cavity wall — providing lateral support to wall.

225x50mm floor joists at 400mm c/c with 50x40mm herring bone strutting mid-span and 19mm thick t&g flooring grade chipboard over and two layers of 9.5mm thick plaster board & skim on underside.

wall to be in cavity brick/blockwork with 100mm external brick/blockwork skin, 50mm cavity and 100mm thick insulation block inner skin finished externally to cavity wall to be finished to match existing and finished internally in sand and cement rendered with rear wall whether — 100mm thick quilt glass fibre insulation to be provided between joists above plasta-board in floor to store/study.

cavity tray lapped with bitothene damp proof tanking to cavity wall

retaining wall to be designed by structural engineer.

floor to garage to be 150mm thick concrete laid to fall approx 100mm towards garage door on 500g P.V.C. damp proof membrane on 50mm thick sand blinding on well consolidated hardcore.
— note: bituthene or other approved tanking lapped with d.p. membrane and taken up wall and lapped with d.p.c. in outer skin of cavity wall as shown here. cavity to be filled in sand & cement.

SECTION A-A.

Proposed Alterations & Extensions to 'ALWAYS', Abbey Road, Ballasalla.

MR & MRS J. MILLIGAN.

L. Phillips & Associates tel 83.2998.
Yanda Cottage,
Fleshwick Road, Surby, Port Erin.

Scale 1:100.

Date February.

306.85.1.