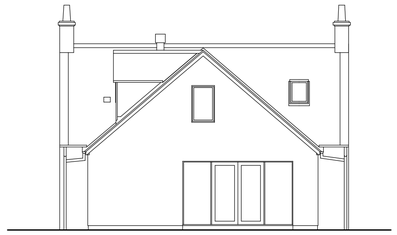
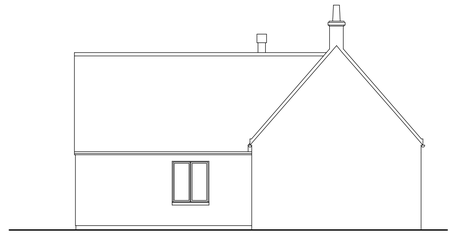
CROSS SECTION.

Raggle flashing in code 5 lead into wall and dress down to roof to form secret gutter.



WEST ELEVATION AS EXISTING.

NORTH ELEVATION AS EXISTING.



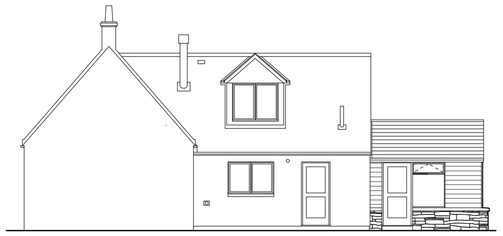
SOUTH ELEVATION AS EXISTING.

Natural slate finish to roof.

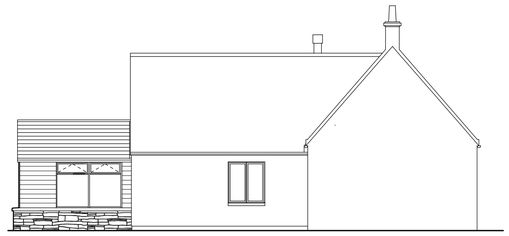
Wall finish stone cladding to sill level with CEDRAL weather board to eaves.

Windows and door brown double glazed pvcu.

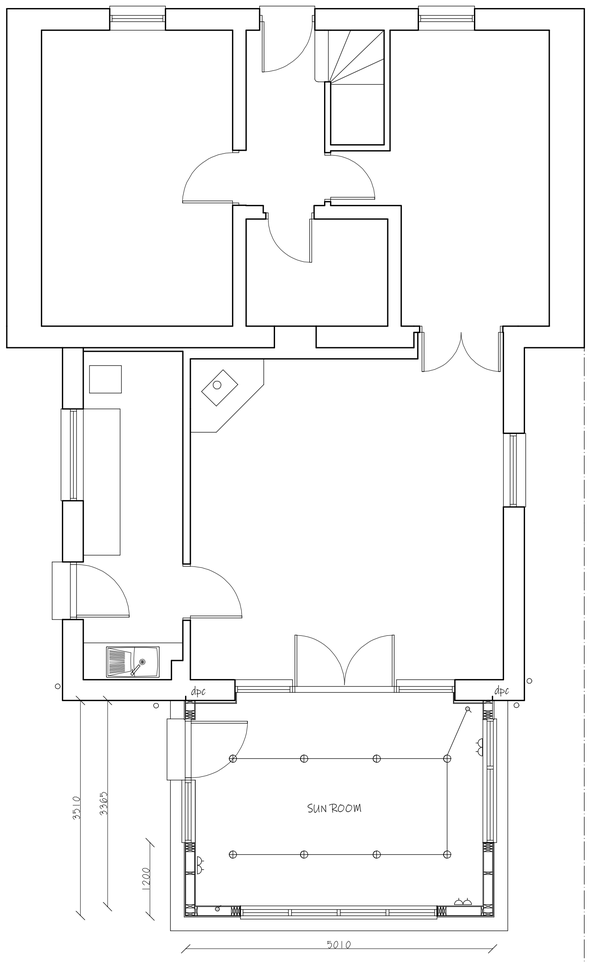
WEST ELEVATION AS PROPOSED.



NORTH ELEVATION AS PROPOSED.



SOUTH ELEVATION AS PROPOSED.



GROUND FLOOR PLAN AS PROPOSED.

ROOF.
Natural slate on Kingspan NILVENT breathable membrane on 22mm tan. sw. sarking board fixed to prefabricated roof trusses set at 600mm crs. Trusses tied down to timber frame at eaves with truss clips and with 1000x30x3mm twist straps every second rafter and last three trusses to be dwanged at max. 2m crs. with 30x5mm galv. ms. straps fixed to trusses and tied to inner leaf. NILVENT to be fitted in accordance with manufacturers instructions, BBA certs sheets 1 and 2. Joints overlapped and sealed with tape.
12mm pl.board on AIRTEC double insulation membrane to u/side of rafters. 160mm Kingspan TP10 insulation fitted between rafters.

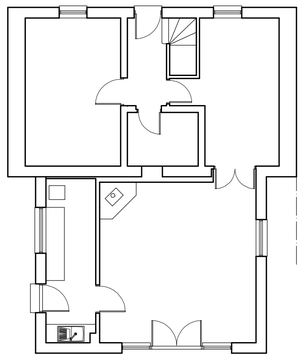
ROOF TRUSS CERTICATE.
A design certificate from the roof truss manufacturer is to be submitted to Building Standards prior to or at the time of the Completion Certificate submission.

EXTERNAL WALLS.
Block/timber frame cavity construction. Outer leaf 100mm common standard block with wet cast finish. 50mm cavity. 30mm stone cladding panels fixed to block walls below sill level. CEDRAL board finish to timber frame above sill level.
Inner leaf 145x45mm sw. frame at max. 600mm crs. with AIRTEC double insulation membrane on 9mm OS board to outer face. 140mm quilt insulation fitted between framing.
12mm pl.board to inner face on AIRTEC double insulation membrane with skim ct. plaster finish.

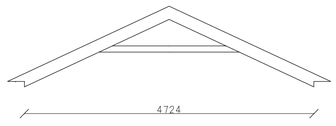
Brick and timber to be tied together at 600mm horiz. crs. and 450mm vert. crs. and at 300mm crs around openings. Cavity to be closed around openings, at corners at wallhead and at 8m. crs. (where applicable). Dpcs to be inserted at fire stops and at a minimum of 150mm above ground level. SS wall ties Ancon Staifix or similar.
Fit cavity vents at high and low level and above and below openings at 1200mm crs. Timber frame to be tied down to underbuilding at 1800mm crs. with 30x5mm galv. ms. tie straps 1200mm long. Cavity filled to ground level with lean concrete mix.
Underbuilding 100mm block, 50mm cavity, 140mm block.

LINTELS.
Internal lintels three 195x47mm C24 timber lintels, supported on double support studs.

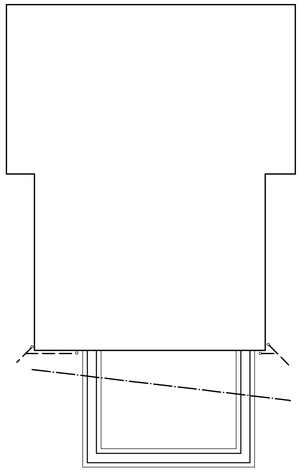
GROUND FLOOR.
Timber veneer flooring on 12mm OS board screw fixed to concrete on one layer of AIRTEC double insulation membrane on 150mm concrete floor slab with A393 mesh reinforcement on 100mm Kingspan TF70 rigid insulation on 1200g visqueen dpm on blinding on 150mm compacted bottoming. 25mm vertical strip of insulation fitted at perimeter.



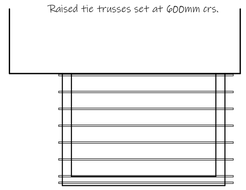
GROUND FLOOR PLAN AS EXISTING.



INDICATIVE ROOF TRUSS PROFILE



Raised tie trusses set at 600mm crs.



ROOF CARCASS PLAN.

FOUNDATIONS.
Excavate trenches and lay concrete strip foundation dimension as shown, Grade C35 concrete with 450mm ground cover or to level of existing founds which ever is greater. One layer A252 fabric reinforcing to bottom of foundation with 40mm cover.

Where drain passes below extension, drain to be lintelled over.
Surface water discharge connected to existing conduits.

SECURITY PVCU.
Doorsets and windows designed and constructed to comply with BS 7412: 2007 and the requirements of clause 10.2 of the BS for enhanced security. Use of laminated glass at glazing adjacent to doors.

ELECTRICALWORK.
Provide electrical fittings as shown on plan and legend below. Electricalwork to comply with the current edition of the IEE regulations and a schematic diagram placed at switchboard on completion all to BS7671 2018. Light switches located @0 to 1100mm above floor level, sockets min. 400mm above floor level and 350mm from corner.

- ceiling light fitting.
- Passive infra ray (PIR) low energy light.
- one way and two way light switches.
- LED light point
- 13 amp socket outlets.
- spur outlet.
- cooker control unit.
- mechanical extract fan.
- cable head and consumer unit position.
- SD / HD — heat and smoke detectors connected and interlinked to mains lighting circuit with battery back-up to comply with BS 5839 Part 6, 2019. Detector to be min. 300mm from light fitting or wall.

ARCHITECTURAL DESIGN SERVICES

Gellsburn, 30 Beach Road, Troon KA10 6SG.
Tel. 01292 371122/07712868805.
email jonmckeans55@yahoo.co.uk

This is a true copy of the plans referred to in the application dated .3.2024. signed J. McKean.

PROJECT. PROPOSED EXTENSION AT ALTBEG COTTAGE, NORTH CORRIEGILLS BRODICK.

DRAWING. FLOOR PLANS, SECTION AND ELEVATIONS EXISTING AND PROPOSED.

scale 1:100, 1:50. | date March 2024. | drawing 2060.1.

Any discrepancies or conflicts between the plans and on-site conditions in respect of the layout, specification or dimensions to be brought to the attention of Architectural Design Services prior to commencement of work.