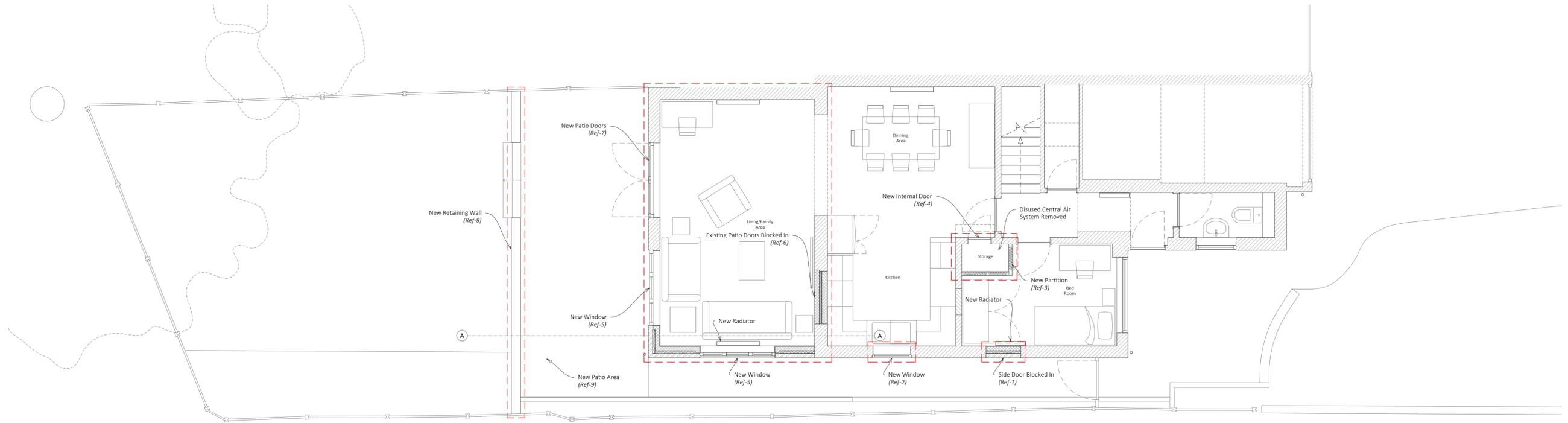


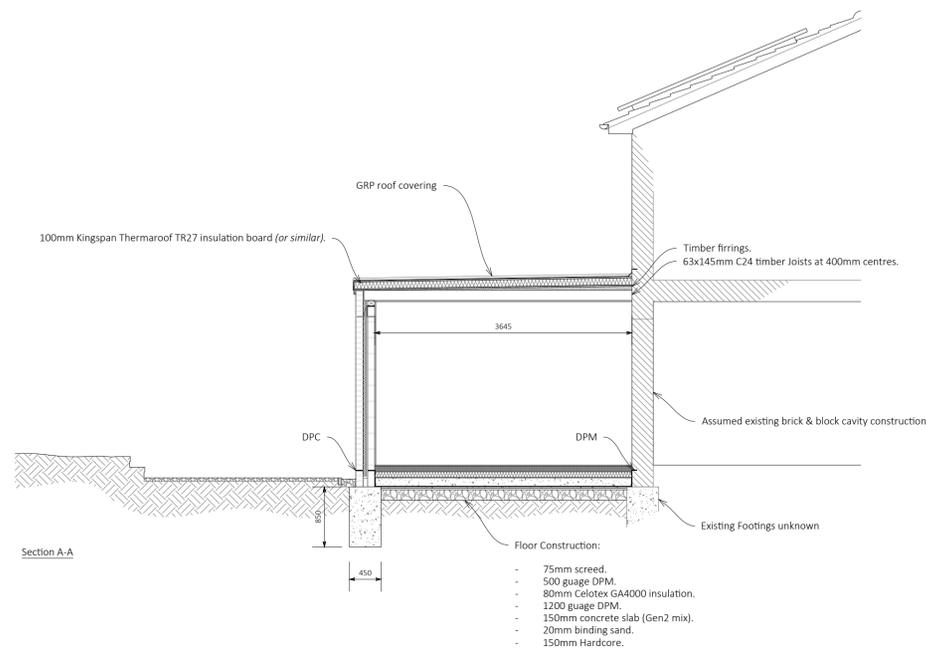
Please Note:
 Do not scale directly from these drawings.
 All dimension should be checked on site by the contractor prior to the commencement of any works.
 Any discrepancy should be reported to CWL immediately.
 Contractors should carry out their own assessment before commencing any works.
 All works are to be carried out in accordance with relevant Approved Documents & British/Scottish Standard where applicable.
 CWL does not take any responsibility for information provided by third parties.



Ground Level General Arrangement



South West Elevation - Rear



Section A-A

External wall construction:

- Cavity wall construction to give 0.28W/m2 deg C or better
- Matching external brickwork.
- 65mm Cavity
- 41mm Celotex CG5000 insulation.
- Plaster faced 100mm Thermalite turbo blockwork.

Foundation construction:

- 450mm in width concrete filled trench. Trench depth of 1000mm below ground level. Concrete to 850mm below ground level (Gen2 mix).
- Cavity walls below ground level to be backfilled with lean mix concrete to finished ground level.

Floor Construction:

- 75mm screed.
- 500 gauge DPM.
- 80mm Celotex GA4000 insulation.
- 1200 gauge DPM.
- 150mm concrete slab (Gen2 mix).
- 20mm binding sand.
- 150mm Hardcore.

Internal wall construction:

- 12mm FE Plasterboard (each side).
- 75x50mm CLS studwork.
- 75mm mineral wool insulation.
- Twist ties to be spaced at 900mm horizontal and 450mm vertical centres. With 450mm and 300mm centers around openings respectively.

Roof construction:

- Waterproof membrane(s) (GRP/Inc Preformed edge trim).
- Exterior grade 18mm Ply (WBP).
- 100mm Kingspan Thermaroof TR27 insulation board (or similar).
- Exterior grade 18mm Ply (WBP).
- Timber firings.
- 63x145mm C24 timber Joists at 400mm centres.
- Fixed via suitable galvanised hangers/straps/dpc protected timber wall plate to external walls.
- Timber noggins fixed at 600mm centres.
- 12.5mm plasterboard (plus plaster skim).

Windows & Doors:

- All new windows to be of a matching style to the existing.
- Windows to achieve 1.8W/m2 or better.
- Doors to achieve 1.8W/m2 or better.

Electrical Installation:

- All electrical works to be carried out in compliance with Part P.
- All electrical works to be designed, carried and tested out by a registered electrician.

Ref:

- 01 - Existing door and framework to be removed. Opening to be closed with:
 - Plaster faced 100mm Thermalite turbo blockwork.
 - 41mm Celotex CG5000 insulation.
 - Matching brickwork (tooth in).
- 02 - Opening to be made in existing structure to accommodate:
 - Catnic lintel CG50/100 - 150mm min bearing - Fitted to manufacturers guidance.
 - New matching PVC window installed - Fitted to manufacturers guidance.
 - Insulated cavity closers.
- 03 - Existing ductwork to be removed. New internal partition to be constructed from:
 - 12mm FE Plasterboard (each side).
 - 75x50mm CLS studwork.
 - 75mm mineral wool insulation.
- 04 - Opening to be created in existing wall to accommodate:
 - New matching 526mm reduced height door and frame.
 - 65x100mm Concrete lintel.
 - Insulated cavity closers.
- 05 - Opening in new structure to accommodate:
 - Catnic lintel CG50/100 - 200mm min bearing - Fitted to manufacturers guidance.
 - New matching PVC window installed - Fitted to manufacturers guidance.
 - Insulated cavity closers.
- 06 - Existing door and framework to be removed. Opening to be closed with:
 - Plaster faced 100mm thermalite turbo blockwork (both Sides).
 - 41mm Celotex CG5000 insulation.
- 07 - Existing PVC window to be removed and replaced with:
 - New matching PVC Patio Doors - Fitted to manufacturers guidance.
 - Insulated cavity closers.
- 08 - New retaining wall to be constructed from fixed timber sleeper.
- 09 - New patio area to be graveled.

Revision:
 A - Initial Drawing - 09/01/2017



Project Details: Colchester

Drawing No: 929-1/S3/01/A
 Drawing Title: Construction
 Scale: 1:50 @ISO A1
 Date: 09/01/2017
 Checked: SS

