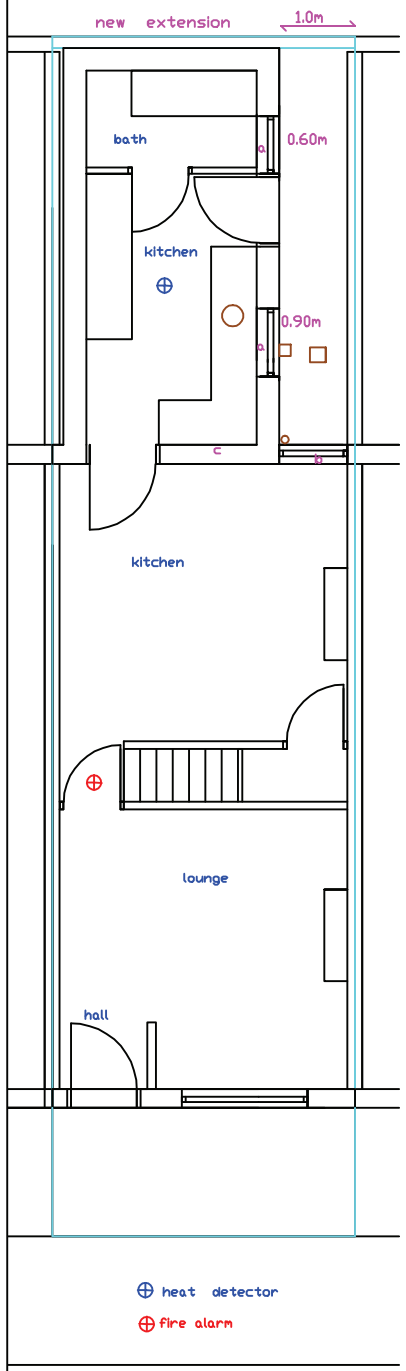
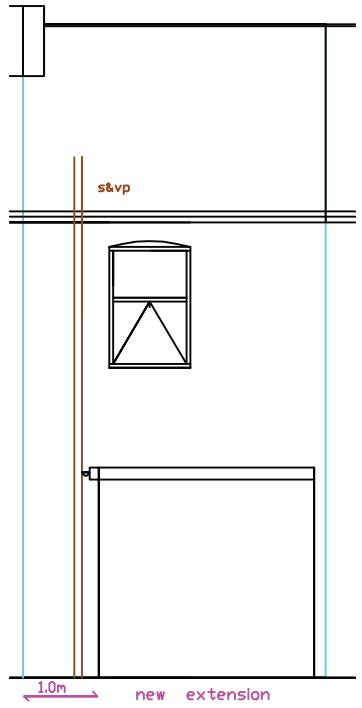
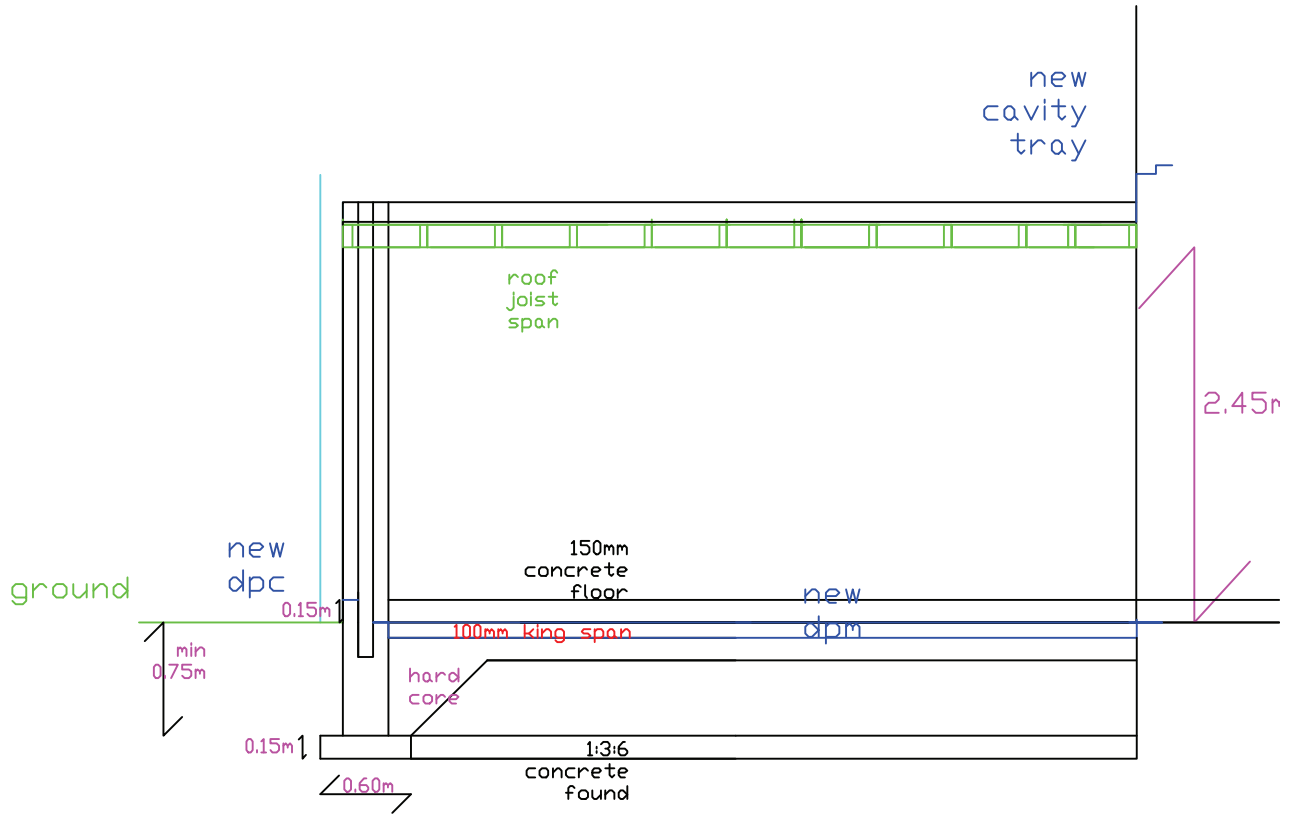


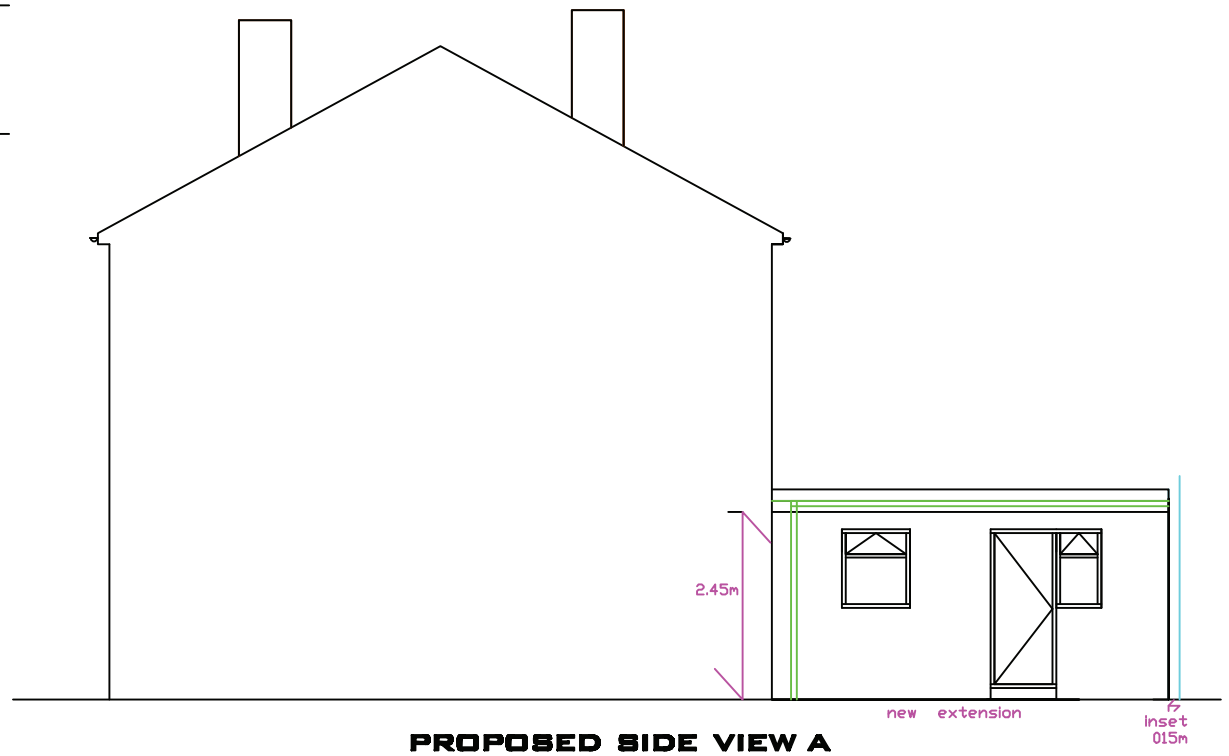
PROPOSED GROUND FLOOR
1:100



PROPOSED REAR VIEW
1:100



PROPOSED SECTION
THROUGH 1:50



PROPOSED SIDE VIEW A
1:100

Foundations and Ground works Extension , (check existing for foundations for suitability and on existing retaining wall) All foundations to 1:3:6 mix concrete 600mm wide by 150mm thick a minimum 900 mm below the lowest ground level ground level. Drainge to A1,A2,Any drains within 1.0m of foundations then the foundations are to go down to the invert level of the drains .300mm wide solid concrete blocks all bed in cement mortar 1.3 mixes up to ground level any drains passing under the new build are to be exposed and concreted over a minimum of 150mm thick as required, any drains passing through the foundation block works to have R C lintels over bed a minimum of 150 mm as required. **New Construction** face brick work 100mm cavity with internal block work to match the existing, cavity with full fill Dritherm equivalent with walls as required as required.100mm celcon solar block,dab and dot board finish . Stainless steel triangular butterfly wall ties at 700mm horizontal centre and at 450mm vertical centre and double (220 mm) up at openings .DPC to run horizontal to the ground a minimum 150mm high.

All above bed in cement mortar 1:3 mix. Structural openings Type a.2 ,Type up to 3.90m long Catnic lintels Cg90 /100 from Openings from 2.10 m to 4.80m wide Cu90 / 100 opening b ,250mm cavty brock work with cn 50 over openng c, block off wndow extend insulated cavities a required .All steel and lintols bed a minimum 150 mm onto brick/block. on and including 150mm deep pad stones All steel beams encased in Plasterboard for half hour fire protection .Close insulated cavities in existing opening , with insulated DPC All bed Cement mortar 1:3 mix, proof membrane to lap DPC 100mm block work celcon min strength 7kg .any block wall to have 450mm wide foundations .Base floor with 150mm floor concrete with 100mm king span tw board with 25mm PIR to slab edge , 1200 gauge DPM (wrapped arround the insulation) on sand blinding on 150mm clean broken hardcore horizontal DPC 150mm above ground level. **Check for methane gas provide alderburgh over site methane gas barrier if required** . any under floor timber floors with 100mm vented air ducts as required 225mm x 150mm air bricks as required .. Cavity tray to extension where it abuts the existing wall Lateral restrain straps to walls ,code 4 lead to any up stands as required. main roof Check existing lintels and foundations for suitability.

Roof Construction,Main roof , 100mm x 75 mm wall plate strapped to block work with 1.80 m galvanised straps at 2.00m centres .200mm x50 mm flat roof joists @450mm centres 130mm king span warm roof 20mm wpb plywood, vapour barriers 1;80 firrings roof liad to falls with 130mm king span warm roof with eithr 3 layer fet roof or GRP roofing systme with fireresistant finish as required as required

Joinery provide all neccessary skirtings , architraves etc,and modify existing kitchen units and work tops as required any stud walls, 75mm x 50mm with plasterboard either side with 75mm mineral wool infill . floor to be level with existing .

Foundation block to be as wide as cavity and block

Stain less steel wall ties as required to 100mm cavity , required

Full fill dritherm 100mm as required to cavity,

Date Rev

DO NOT SCALE OF THIS DRAWING TAKE ALL DIMENSIONS ON SITE (builders Note) Do not start any works untill all the approvals have been obtained. Any discrepancy to be reported tp Plans Drawn as soon as possible.

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drawing title:
PROPOSED REAR SINGLE EXTENSION

project:
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project no. **RS11** drg. no. **02** rev.