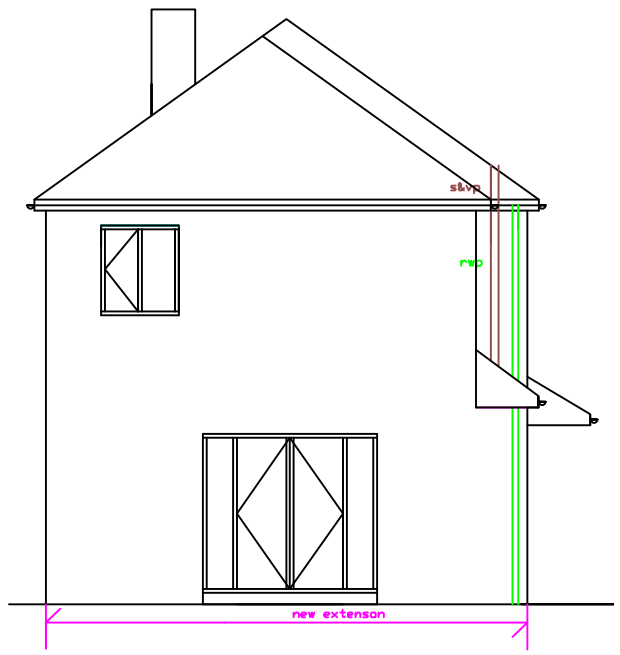
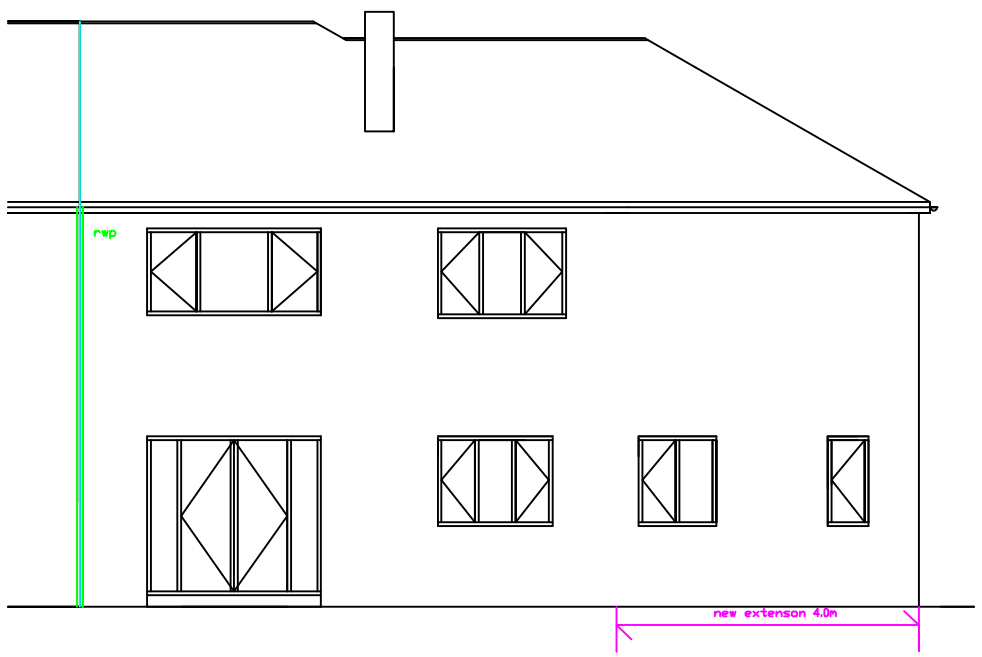
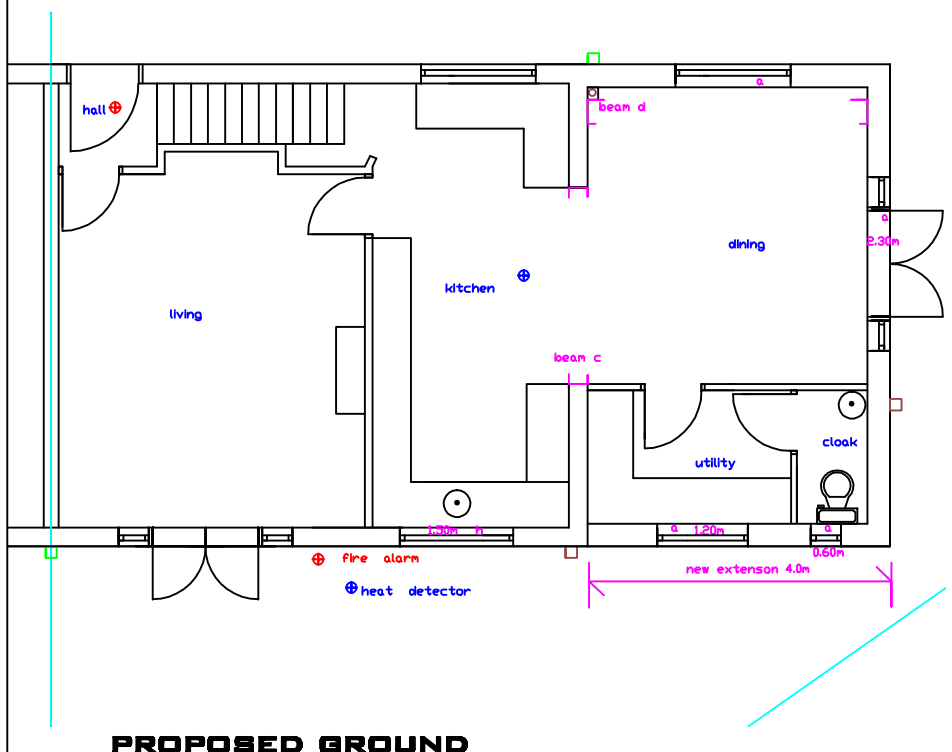


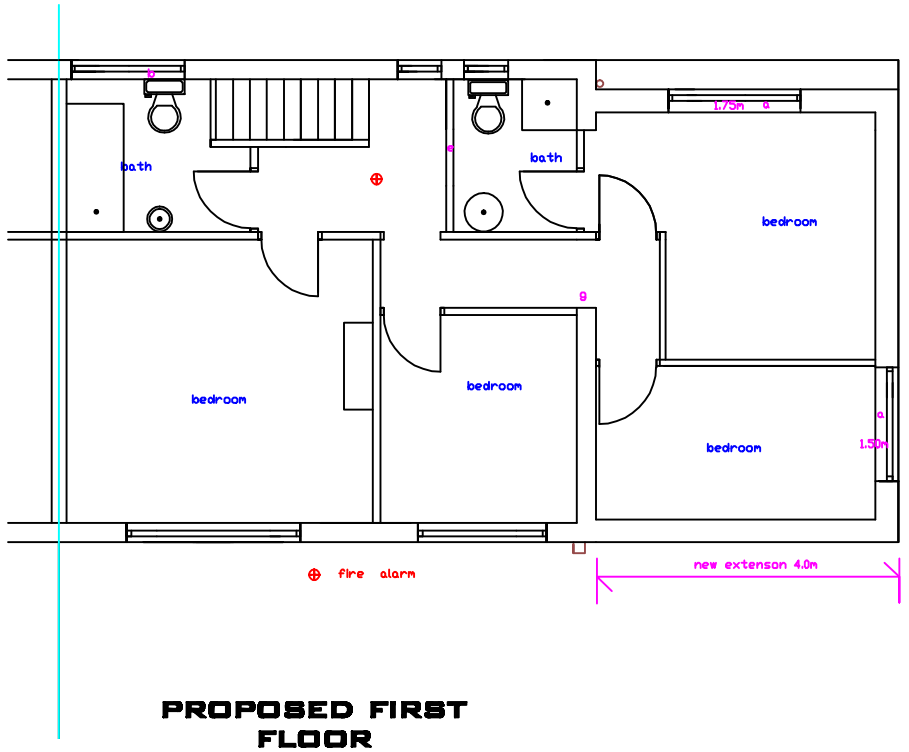
PROPOSED SIDE VIEW A
1:100



PROPOSED REAR VIEW
1:100



PROPOSED GROUND
FLOOR
1:100



PROPOSED FIRST
FLOOR
1:100

Foundations and Ground works Extension (check existing for foundations for suitabilty) All foundations to 1:3:6 mix concrete 600mm wide by 150mm thick a minimum 900 mm below the lowest ground level ground level. Foundation to be to A1 A2 ,Any drains within 1.0m of foundations then the foundations are to go down to the invert level of the drains .250mm 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 ,render finshed block and with internal block work to match the existing, with100 mm cavity with full fill Dritherm equivalent with plaster board finish to walls and ceilings as required.100mm celcon solar block,dab and dot board finish . Stainless steel triangular 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. flor 150mm floor. (level with existing) concrete on 1200 gauge DPM (dpm wrapped arround insulation) 25mm PIR to slab edgeon sand blinding on 150mm hard core Structural openings Type .6 a (plus two in existing Cn50 lntol over type h) Type up to 3.90m long Catnic lintels Cn90 / 100f rom Openings from 2.10 m to 4.80m wide Cu90 /100opening extend existinginsulated cavaities, as required , brick to match existing all .all bed a minimum 150 mm onto brick/block. on and including 150mm deep pad stones , opening c ,d ,double beam's over , any block work to have 450mm wide foundations as required. (all stuructural details to follow all double beams bolted together using m16 bolts at 1.0 centres with spacer bars) , f new opening in existing 250mm cavity wall take out walls down to floor using new (openng) d lintol, , re fit kitchen units as required All steel beams encased in Plasterboard for half hour fire protection beam over .Close all 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 .150mm thick 1:3:6 mix concrete base on 100mm king span tw board 25mm PIR to slab edge with 1200 gauge DPM on sand blinding on 150mm clean broken hardcore horizontal DPC 150mm above ground level.225mm deep weak mix cavity fill below ground level Check for methane gas provide over site methane gas barrier . minimum 2number 225mm x 150mm air brick as 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.
Joinery Roof Construction,Main roof ,s (all roof subject to structural report details) 100mm x 75 mm wall plate strapped to block work with 1.80 m galvanised straps at 2.00m centres etc ,200mm x 75 mm ridge . 350mm x 75mm hips , roof rafters 150mm x 50 mm @450mm centres, ceiling joists 175mm x 50mm @450mm centres) mid span urlins 225mm x 75mm , 100mm x 75mm dragon ties, with 225mm x 25 mm valley boards with drip feature and code 4 lead work and rool bars. (front are roof 150mm x 50 mm rafters, and ceiling joists 125mm x 50 mm @450mm centres)
all rafters fixed to wall plates and pole plates as required with all neccessary straping and bracing as required. at 0.6m centres ,
Marley modern interlocking at min 26 degree pitch on 25mm x 50mm battens with tyvak supro at min. , 100mm min head lap. Supply all internal joinery etc,Doors, frames architraves and skirting to match existing Any loft spaces to have 280mm mineral wool loft insulation in two cross layers with insulated loft hatch any new stud wall partitions 75mm x 50 mm mineral wool in fill , 10 kg m2 plaster board either side .new floor 200mm x 75mm floor joist at 400mm centres md span herring bone struts . (Structural details are not available)

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 TWO STOREY SIDE EXTENSION

project:
MANCHESTER CITY COUNCIL
PLANNING AND
BUILDING CONTROL
APPLICATIONS

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JUNE 2014	DRW
project no.	drg. no. / rev.
GR04	02 /