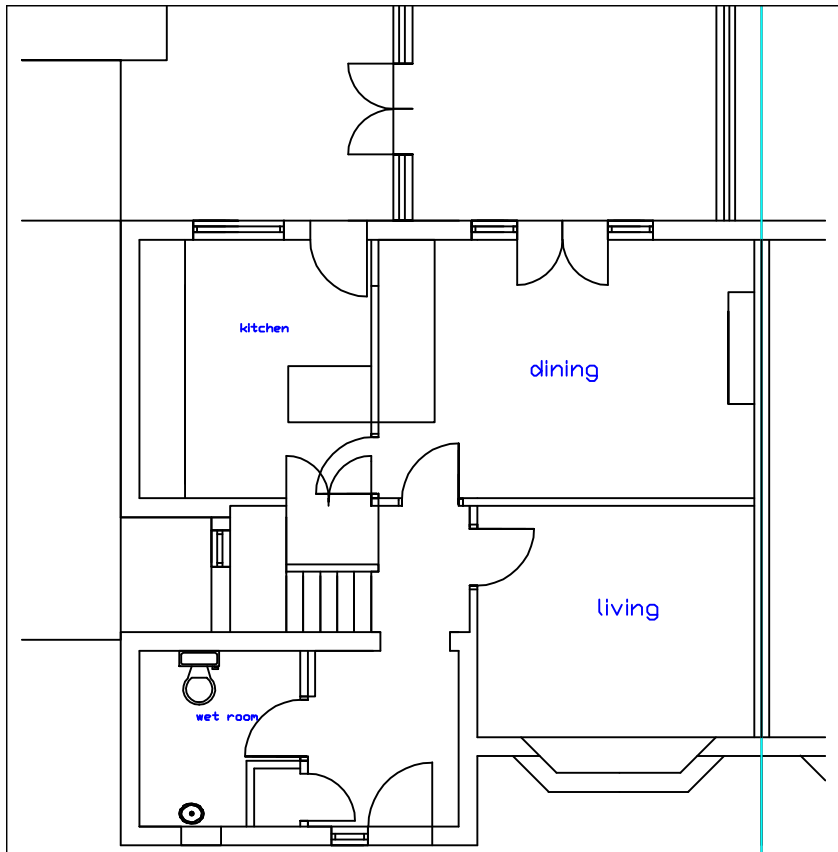
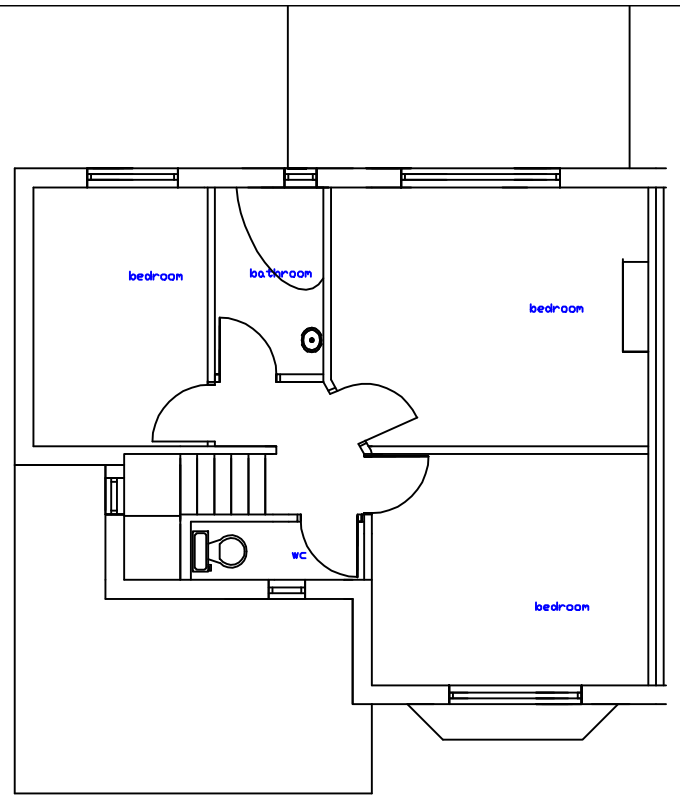
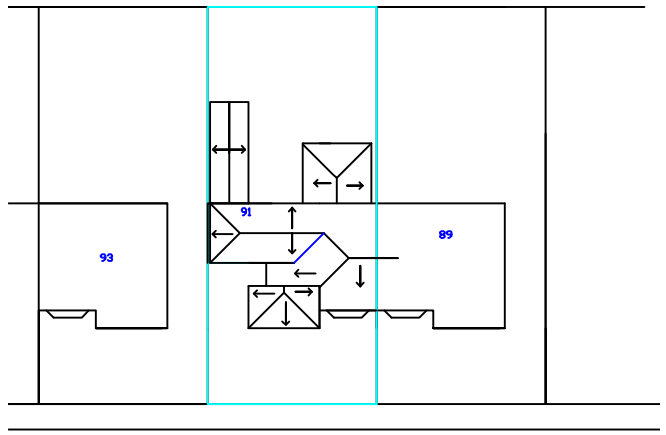


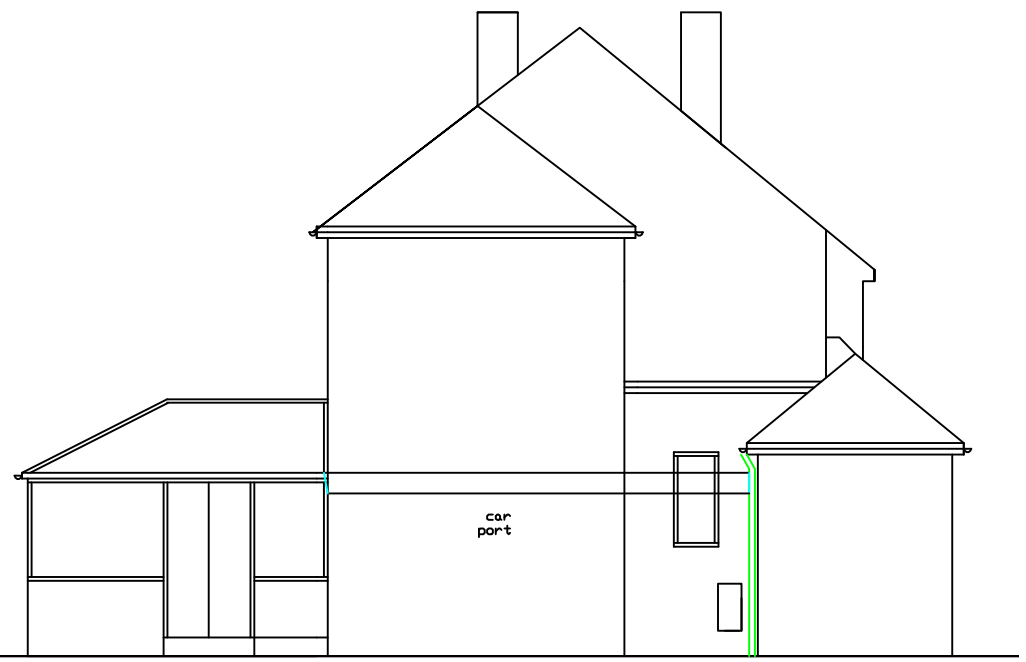
EXISTING GROUND FLOOR
1:100



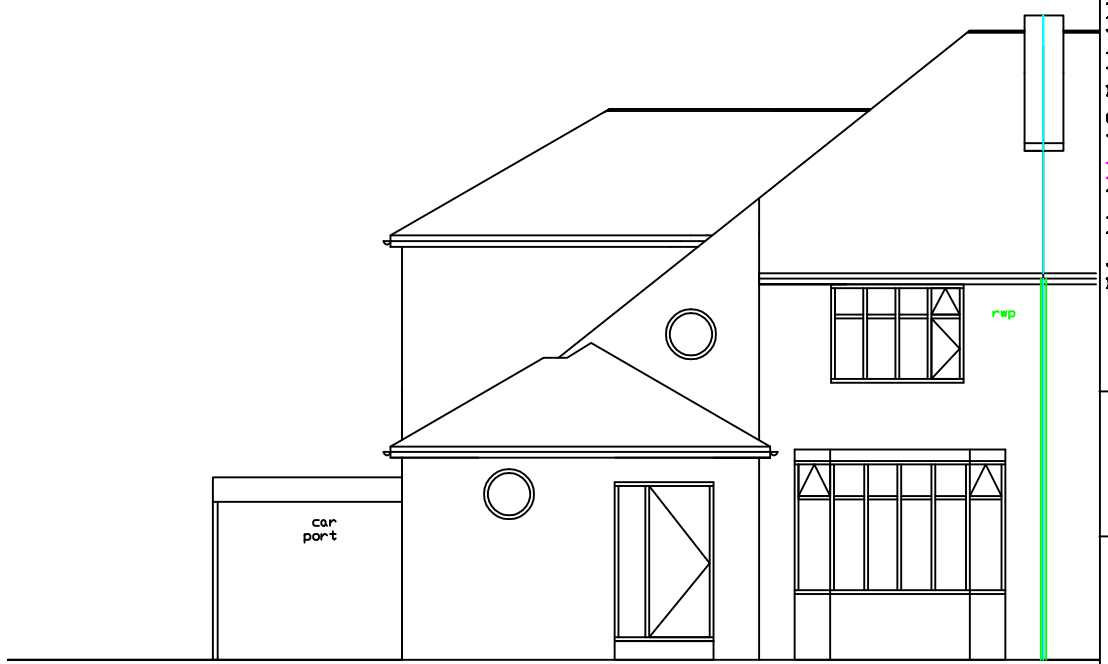
EXISTING FIRST FLOOR
1:100



PROPOSED ROOF BLOCK PLAN
1:500



EXISTING SIDE VIEW A
1:100



EXISTING FRONT VIEW
1:100

Foundations and Ground works, drop rear garage and car port and remove from site ,check to see if we need a gas membrane foundations to 1:3:6 mix concrete 600mm wide by 150mm thick a minimum 900 mm below the lowest ground level ground level. 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. Drainage and foundations to A1 A2 as required
Ground floor, 150mm base concrete 1:3:6on ,100mm King span TW boaord with 25mm PIR to slab returns with 1200gauge DPM over and under on sand blinding on 150mm clean hardcore horizontal DPC extend any under floor timber floors 100mm insulated vent and air brick ,Construction Face brickwork/block work to match the existing, 102 mm to as agreed with 100 mm cavity with full fill Dri therm or equivalent .100mm celcon solar block Stainless steel triangular butterfly wall ties at 700mm horizontal centre and at 450mm vertical centre and double (220 mm) up at openings .Min 550mm returns , 665mm to any corners 100mm internal block wall with 450mm wide foundations to any block work wall , provide cavity tray to existing house DPC to run horizontal to the ground a minimum 150mm high. All above bed in cement mortar 1:3 mix. Structural openings Type .a 4No. plus one in existing. Type up to 3.90m long Catnic(opening Cn 50 in existing)lintelsCG90/100 from Openings from 2.10 m to 4.80m wide CU90 /100bed a minimum 150 mm onto brick/block. on and including 150mm deep pad stones .Opening b (new wall) c form opening in existing wall , structural beam required , provide steel beam to support the existing wall plate and roof structure .
Block wall to study and utility with 450mm wide foundations as required All steel beams encased in Plasterboard for half hour fire protection . Close insulated cavities in existing with insulated DPC . All bed Cement mortar 1:3 mix, proof membrane to lap DPC. upgrade any external walls in existing kitchen with insulated plaster board to the inside wall face .

Roof Construction, 100mm x 75 mm wall plate strapped to block work with 1.80 m galvanised straps at 2.00m centres 150mm x 50 mm ceiling/ rafters 350mm x 75mm hip. 100mm x 75 mm dragom tie , 200mm x 50mm ridfge board (extend walls up in two places to support the new roof structures as requird. with insulation of 300mm in two layers in the roof void with insulsted loft hatch as required regs. cavity tray to existing wall abutment as required, roof with interlocking marley modern tiles interlocking on 50mm x 25mm battens with tyvak supro at min 22 degree pitch , min 100mm headline over lap , 150mm lead upstands and cavity tray .12.5mm plaster board and skim as required. Plaster board at 10kg/m2.Any Stud partitions to be 75mm x 50 mm with 75 mineral wool infill, Strap joists to walls as required Lateral restrain straps to walls .
Floor 200mm x 50 mm floor joists at 400mm centeres with 150mm mineral wool infil with mid span herring bone struts, 22mm floor grade chipboard floor, all skirtings archiravaes and door, s as required
Work tops and unit changes to be specified by the client.
Drainage. Any B.I. Gullies and connect to the existing system, B.I Gullies to be rod able. Cavity tray to extension where it about the existing wall all , Drainage system any new drainage to be 100mm hep sleeve with flexible joints lay to self cleansing falls 1:40 and back filled with 5 mm pea gravel maintan seperate drainage system,.

DO NOT SCALE OF THIS DRAWING
TAKE ALL DIMENSIONS ON SITE
Please do not start any works untill all approvales have been obtained.

MANCHESTER CITY COUNCIL
PLANNING AND
BUILDING CONTROL
APPLICATION

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drawing title:
PROPOSED SIDE
DOUBLE AND SINGLE
REAR STOREY
EXTENSION,S

date:
APR. 2013

project no.
DD91

drg. no. rev.
01