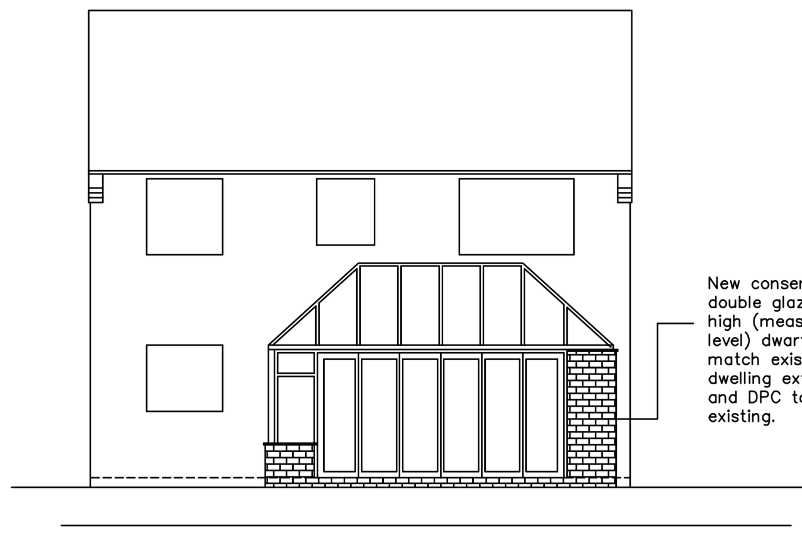
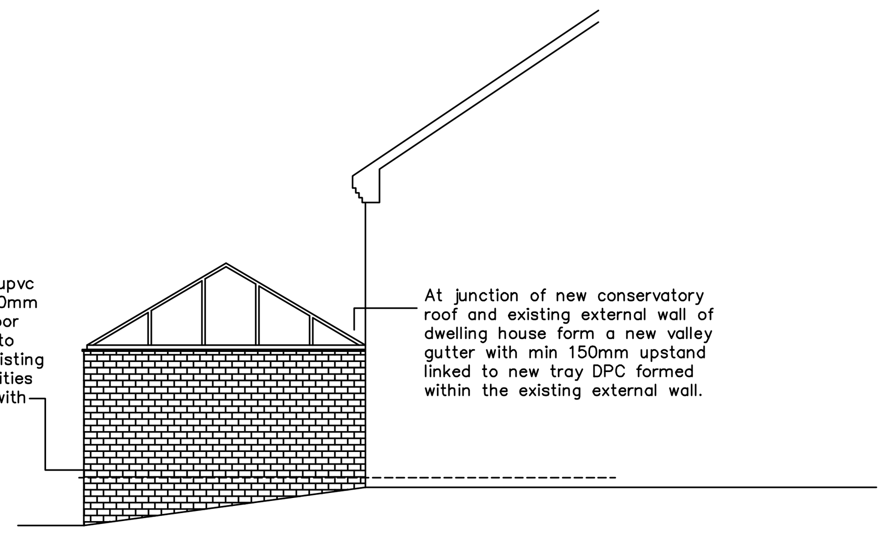
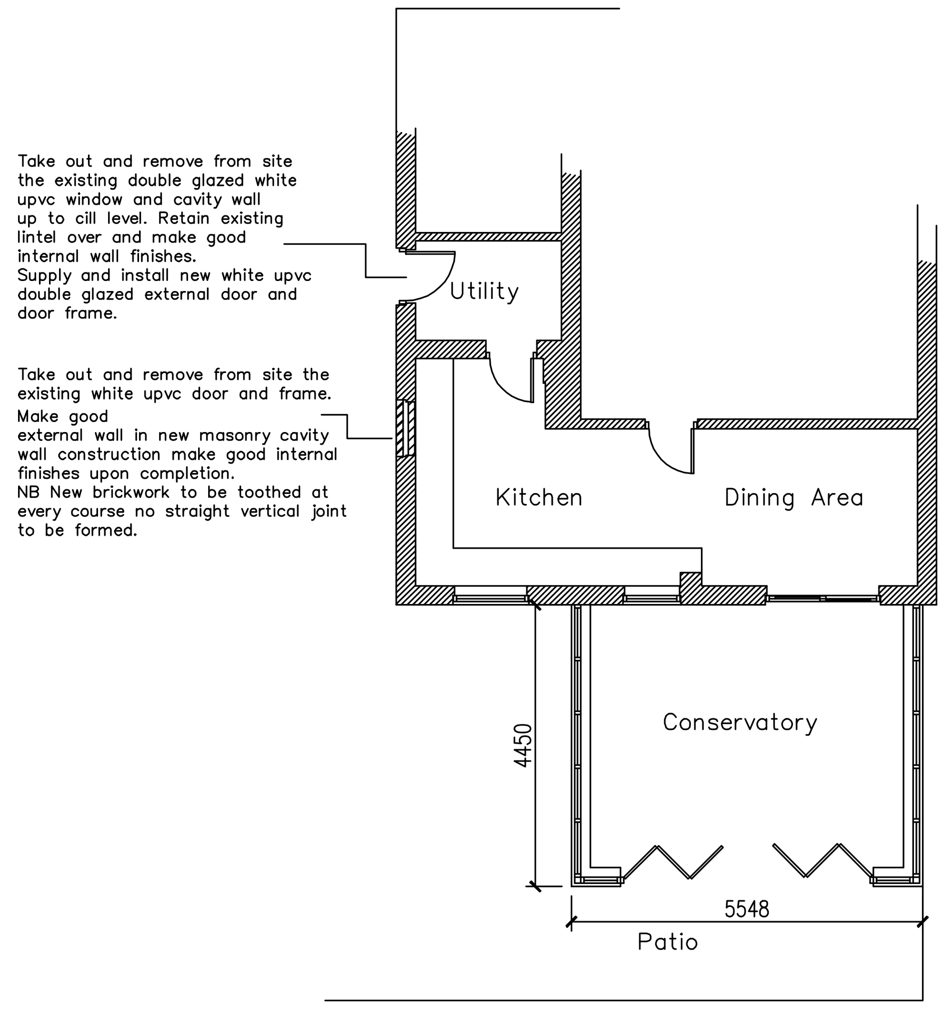
Proposed Side Elevation



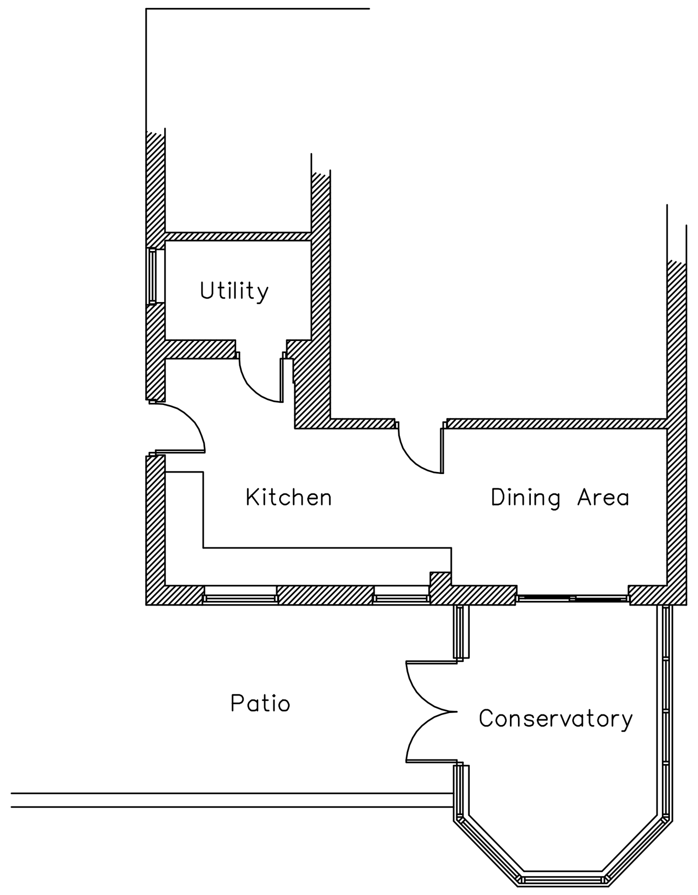
Proposed Rear Elevation



Proposed Side Elevation (Part)



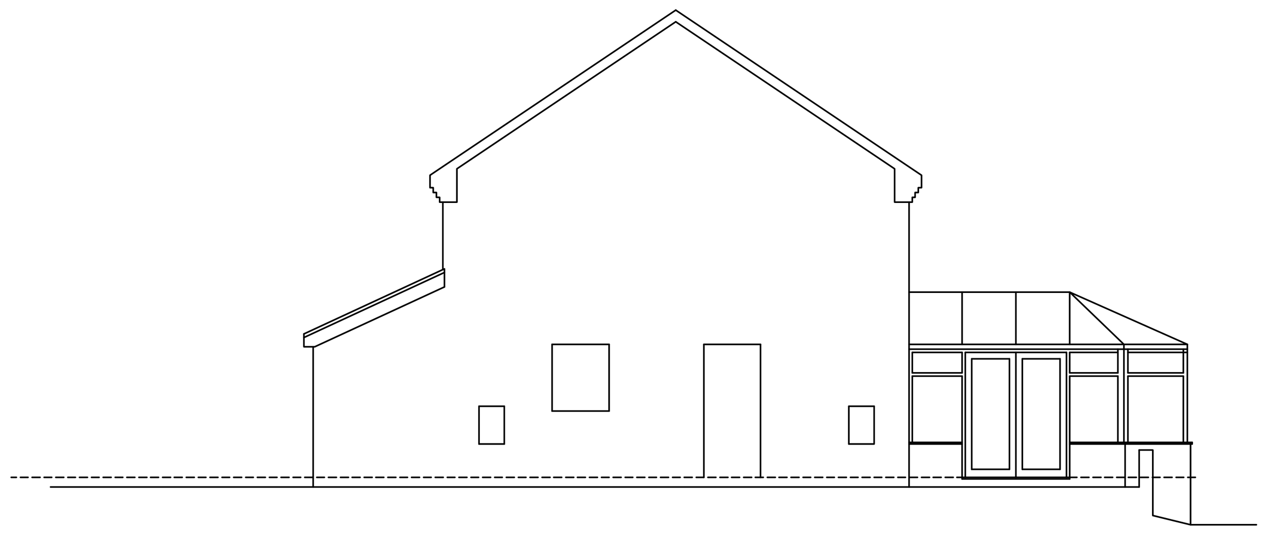
Proposed Plan



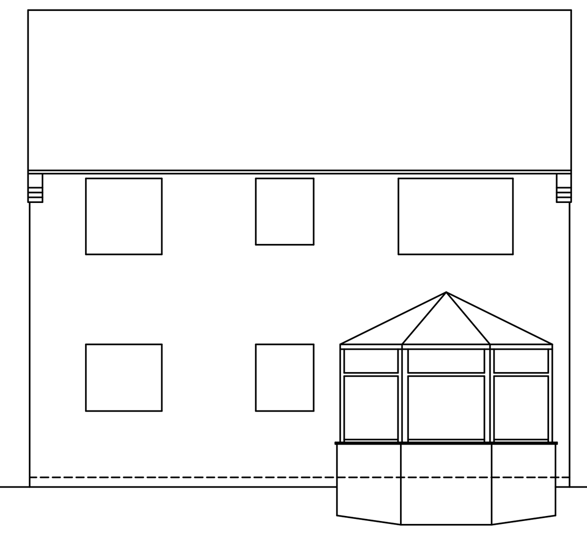
Existing Plan

Proposed Site Plan 1:200@A1

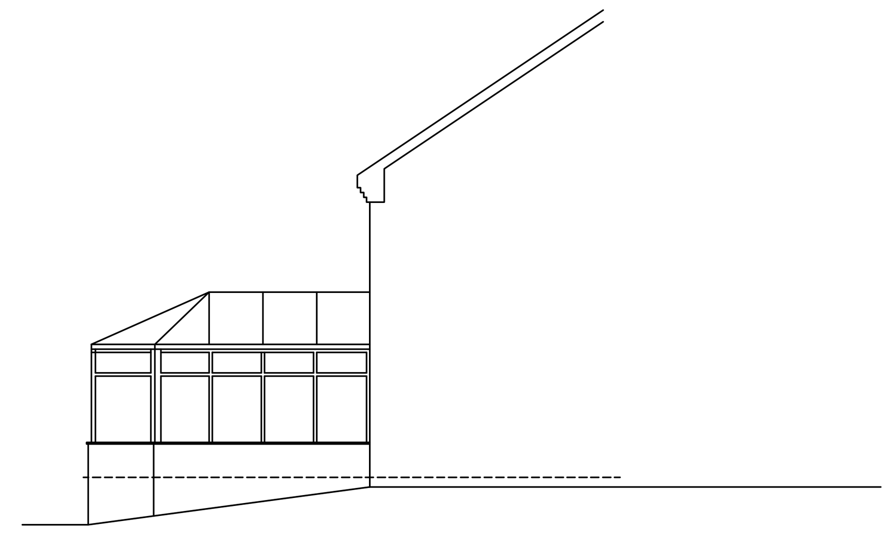
Location Plan 1:1250@A1



Existing Side Elevation



Existing Rear Elevation



Existing Side Elevation (Part)

PART A STRUCTURAL SAFETY

°FOUNDATIONS
Foundations to simple concrete strip footings min depth 750mm below adj ground level 300mm thick by 600mm wide .All foundations - excavations and concrete to be inspected and to satisfaction of Building Control Officer

°SOLID GROUND FLOOR

To be 65mm thick screed over 85mm Celotex FF4000 insulation on 150mm thick reinforced concrete cast insitu floor slab on 2000 gauge visqeen DPM with tapped and sealed joints lapped into new and existing DPC's on 50mm thick sand bed over 175mm thick clean compacted hardcore all to satisfaction of Building Control.

°WALLS

°External walls to be as follows
102.5 external facing brickwork
100 cavity with Knauf Earthwool DriTherm Cavity Slab (glass) insulation.
100 blockwork inner leaf
12.5mm thick plasterboard on dabs with tape joints and skim finish.
U value 0.3 W/m2

°Strengths
Brickwork to be greater than > 15N/mm2
Blockwork to be greater than > 7.5 N/mm2
°Ties
Ties to be Ancon SS ties for building in complete with retaining clip for insulation.
Ties to be incorporated at the rate of not less than 7/m2
Ties to be provided to each blockwork bed joint at reveals to openings (225 vertical centres)
°Cavity fill
Concrete cavity fill to all cavities from foundation level up to external ground level.

All new brickwork and blockwork to be tied into existing, block bonded 3 in 6.

Cavities to be maintaned to external walls

°DPC's
Dpc to walls to be provided 150 minimum above external ground level.
Dpoc's to be provided to head jambs and cills of all openings in external walls.

PART N GLAZING SAFETY

GLAZING

Toughned glazing to be provided to the following locations
- Alll doors
- All glazing within 300 of any door
- All glazing within 800 of floor

All in accordance with the Building Regs

All double glazing to comprise the following
- Float glazing
- 16 mm air cavity
- Pilkington K glazing

All to give U value 1.7 W/m2 to meet bBuilding Regulations requirement of <2.2W/m2

PART P ELECTRICAL SAFETY

ELECTRICAL INSTALLATION

All electrical installation work to be carried out to comply with Part P
of the Building Regulations

All work to be carried out by a member of the Electrical Contractors Association.

All work to be carried out to comply with the latest/relevant IEE Regulations.

Copies of all test certificates to be submitted to the Building control Inspector on completion of the works.

Client to be provided with copies of all operations manuals and be instructed on operation of installation on completion of works.

PART L1B CONSERVATION OF FUEL AND POWER EXISTING DWELLINGS.

°HEATING
The existing heating system will not be extended into the proposed new conservatory extension. No new heating is to be provided within the extension.

Rev B Window to former kitchen entrance omitted – clerestory glazing to boundary elevation omitted – site redefined 15.05.2012 dlt
Rev A Alteration to the wall adj boundary 30.04.2012 kk

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CLIENT:	Mr & Mrs R McAdoo
PROJECT:	Proposed Single Storey Extension To The Rear of 5 Hawkwell Bank Ardsley Barnsley S71 5DX
TITLE:	Existing and Proposed Plans
SCALE:	1/100@A1	STATUS:
JOB NUMBER:	M07–02	REV: B
DATE:	April 2012	DRAWN BY: kk

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