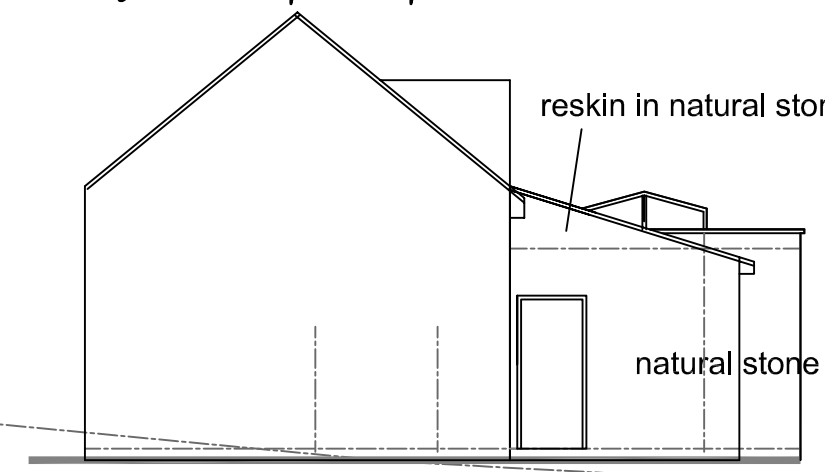
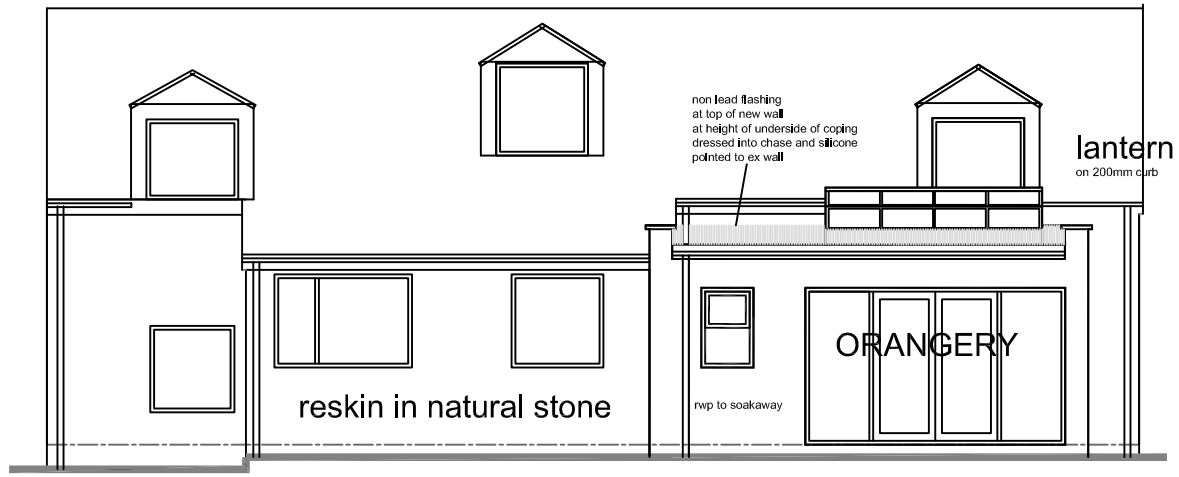
property as proposed

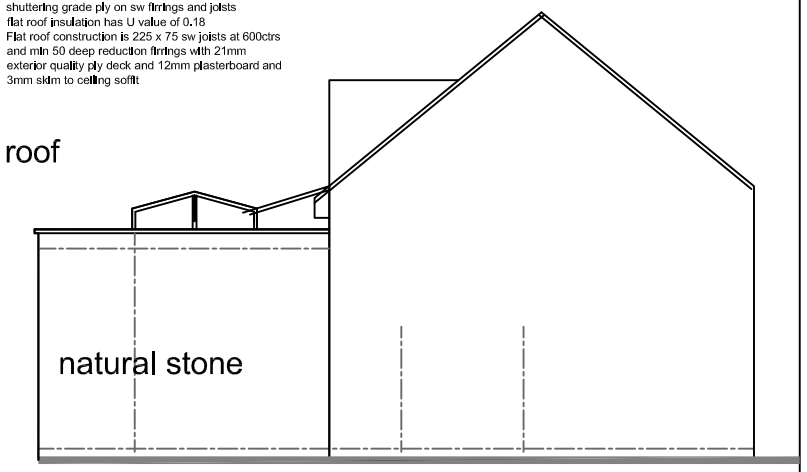


side (SW) elevation



rear (SE) elevation

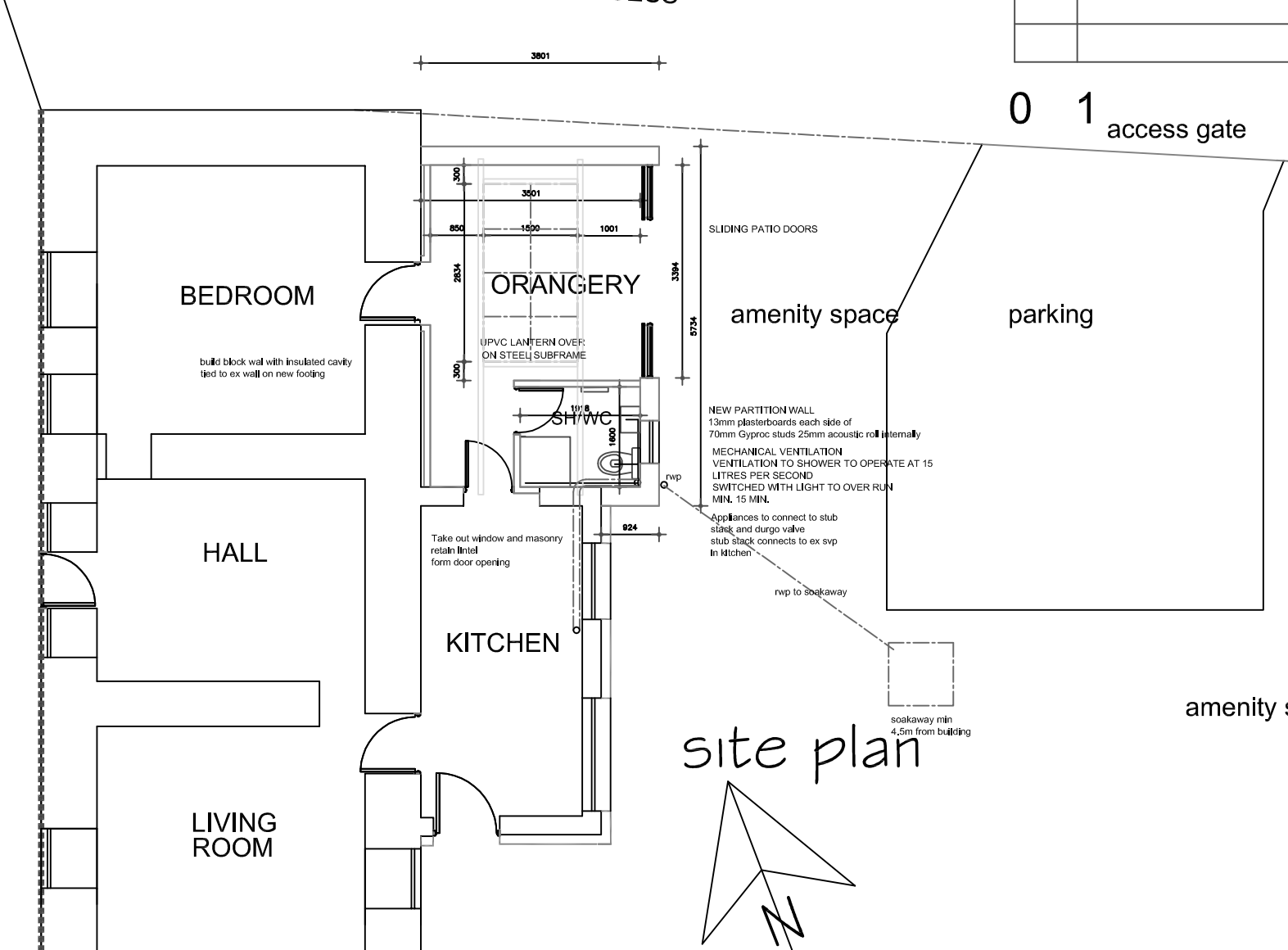
Flat roof system to orangery roof
Polyroof 185 system for warm roof (no ventilation requirement) all laid in accordance with manufacturers recommendations to BS 5250:2002.
Comprising Polyroof 185 on 19mm structural ply on Kingspan TR26 on 100gVisqueen on 12mm shuttering grade ply on sw firrings and joists
flat roof insulation has U value of 0.18
Flat roof construction is 225 x 75 sw joists at 600ctrs and min 50 deep reduction firrings with 21mm exterior quality ply deck and 12mm plasterboard and 3mm skim to ceiling soffit



side (NE) elevation

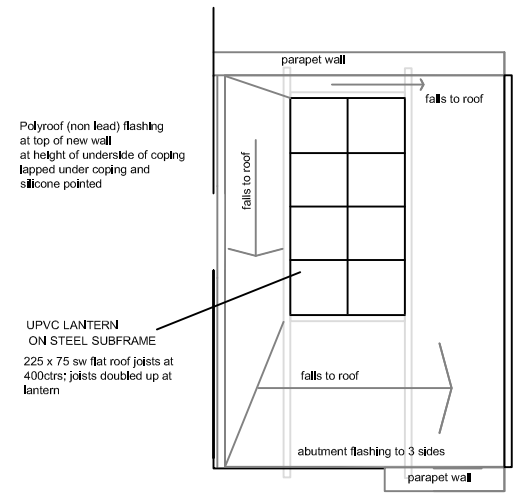
Scale 1 to 100 @A3

0 1 5 10



site plan

NOTE the installation of the roof, flashings and junction with the lantern to be undertaken by Polyroof



roof plan

NEW WINDOWS WITH CILLS WITHIN 800mm OF THE FLOOR AND GLAZED DOORS TOGETHER WITH ADJACENT SIDE LIGHTS WITH CILLS WITHIN 1500mm OF FLOOR TO BE FITTED WITH SAFETY GLASS TO BS6206 PERMANENTLY MARKED.
ABOVE GROUND DRAINAGE TO BS 5572.
ELECTRICAL SWITCHES AND SOCKETS TO BE LOCATED TO BE ACCESSIBLE TO THE DISABLED. LIGHT SWITCHES TO BE MOUNTED MAX 1200MM ABOVE FLOOR LEVEL, SOCKETS TO BE MOUNTED 450MM ABOVE FLOOR LEVEL.
ALTERATIONS TO ELECTRICAL SYSTEM TO BE CERTIFICATED AS BEING IN ACCORDANCE WITH CURRENT APPROVED ELECTRICAL STANDARDS BY A REGISTERED COMPETENT PERSON ON COMPLETION.
ENERGY EFFICIENT LIGHT FITTINGS TO BE PROVIDED TO MIN. 1 IN 4 FITTINGS.

GROUND FLOOR STRUCTURES
Insitu concrete slab to ground floor
150mm thick with steel reinforcement as agreed with DBS on site slab to have 50mm concrete screed topping
100mm Dow floormate slab insulation
under slab slab insulation on 1200g Visqueen dpm on 25mm sand blinding on min 100 layer well compacted hardcore Floor dpm lapped to wall dpc.
Provide dpc at minimum 150mm above finished ground level. Dpc and 'thermabate' insulation to reveals.Below dpc walls to be constructed in dense block inner leaf, facing brick outer leaf to 75 below finished ground level and dense blockwork to foundation level. Weak mix concrete as cavity fill to finished ground level.Include for scaffolding.
FOUNDATION
Provide 25 N/mm2 deep mass filled concrete strip foundation. Size 750 x 600mm wide.
NEW MASONRY WALLS
SUBSTRUCTURE
Foundation walls built up to and above minimum 150mm of finished ground or paving level:include damp proof course.
FOUNDATION
Provide 25 N/mm2 concrete strip foundation. Size 225 x 750mm wide.
Radon protection measures to include tray dpcs where barrier crosses cavity.

External wall
outer skin coursed stone to colour match to existing, cavity 100mm, Inner skin block type A 100mm Tarmac Toplite thermal block with 100mm Rockwool thermally insulating cavity batts, with composite plasterboard comprising 9mm plasterboard and 25mm rigid foam backing and 2mm skim finish adhered to inner face of block. Stainless steel wall ties at 450mm vertical and 750mm horizontal centres. Cavities to be continuous.Bond new work/courses into existing. DPC and 'Thermabate' insulation to reveals.
Lintols by Birtley
non lead flashings to flat roof abutments
Tray dpcs to be provided above the roof abutment flashings if required by DBS
Flat roof eaves vent to be the equivalent of a 25mm wide strip
Flat roof to be insulated to provide a U value of 0.18 W//m2K

Do not scale, work only to figured dimensions.
All work to be carried out in accordance with the Building Regulations and to the satisfaction of the District Building Surveyor. This drawing prepared for Local Authority Building/ Planning Approvals only. Contractor MUST cost fully from a full site survey.

J MURRAY
4 BROOKSIDE CLOSE, HACKENTHORPE
SHEFFIELD S12 4LE 0114 247 0602

TITLE
rear orangery
1 Elmhirst Cottages
Smithy Hill Thurgoland
CLIENT S Cherryholme

plans as proposed

DATE 18/3/2013 SCALE 1:100

DRAWING No.
c/13/01

REVISION a|b