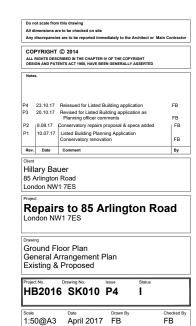


- 18mm ply gutter linings to valley & parapet laid to falls. Finish lcopal high performance 3 layer bitumen felt to all gutters with code 4 lead flashings to abutments.
- Existing 22.5 deg main roof existing concrete tiles removed & new/reclaimed natural slates laid on counterbattens on Tyvek breathable membrane150mm Celotex insulation between & 50mm under existing rafters. New dark square grey conc. ridge tiles to hips.
- Existing slate wall hanging to be replaced with new slate cladding on new tiling battens, quilt insulated & tyvek breathable membrane. S/Steel hook fixings each slate.
- A New timber traditional sash window complete including sash boxes & weights. Glazing bars & single glazing to match originals.
- Acoustic wall lining independent frame on party walls. 2 x soundblock & acoustic quilt on resilient bars to specialist performance spec,
- Gutters, hoppers & down pipes All in black Cast Iron.
- Conservatory glass roof New Patent
  Glazed system to match existing. U value 1.1
  w/m2 degC Toughened solar control glass.
  New Lead verges & flashings to match
  existing.
- New aluminium/timber composite framed glazed Patio Doors with 180 deg hinges & fixed side screens with toughened solar control glazing to replace existing sliding glazed doors. U value 1.1 w/m2 degC
- Underfloor heating system applied over existing tiled floor. Nu-Heat LoPro10 system with new ceramic tiled floor laid - overall build-up 40mm max.



## FRANCIS BIRCH ARCHITECT

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