

Ref 13 102 Sandwich Rd v3.2 S **Proposed** South elevation
SCALE 1:100 ENLARGED FROM 1:1250

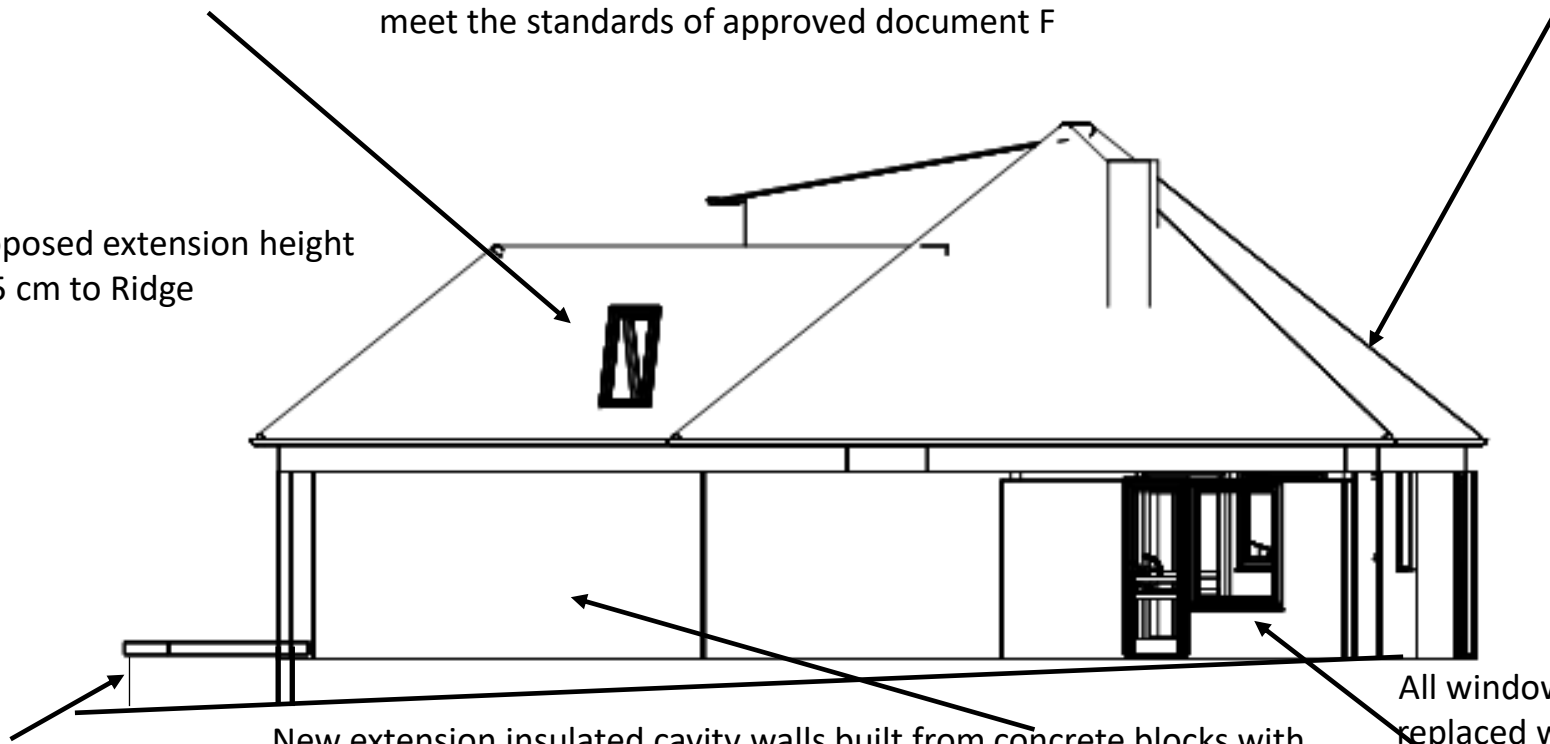
The new extension roof will be insulated and tiled to the same as the proposed existing roof but will have skylights to maximise natural light.

Due to measure being taken to eliminate infiltration into the fabric of the building, additional insulation and replacement of windows & doors, professionally designed MVHR will be installed to meet the standards of approved document F

Existing roof on all sides to be air-tighted down over the eaves & onto the walls & insulated with PIR insulation board to Part L and the tiles replaced with Anthracite coloured concrete tiles.

Proposed extension height 425 cm to Ridge

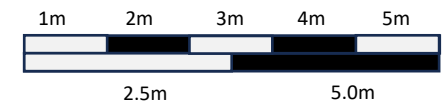
Proposed ridge height 540 cm with warm roof insulation



All windows & doors to be replaced with triple glazed units

New extension insulated cavity walls built from concrete blocks with additional 10mm EWI, finished with a synthetic render.
 Wall U Value 0.14 W/m²K, Roof U value 0.14 W/m²K, Floor U value 0.18 W/m²K.

Replacement concrete deck, 600mm high allowing level access from the new extension. Deck to be balustraded 110cm above FFL



Paper Size A4

1468 cm with Extension & EWI