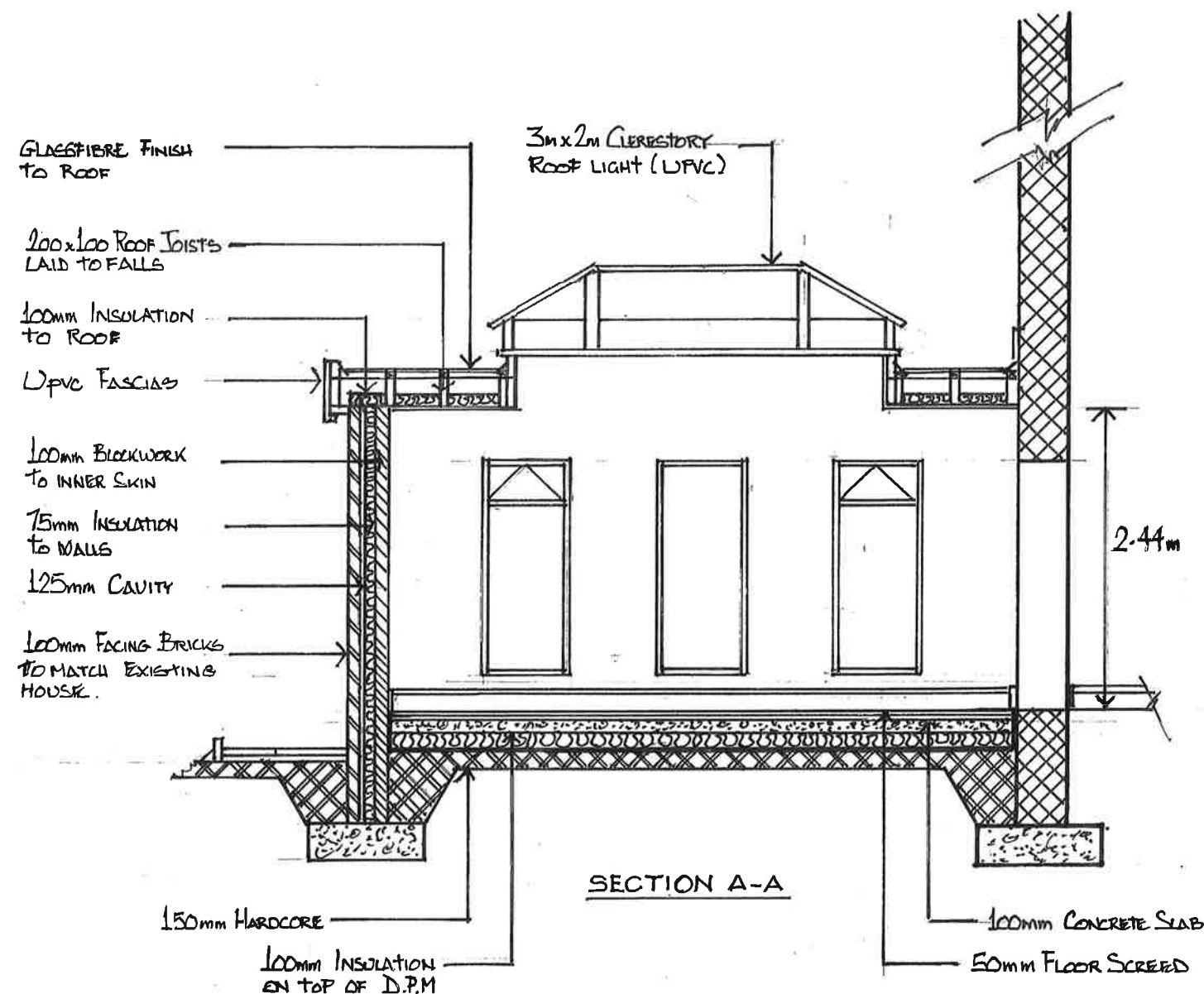


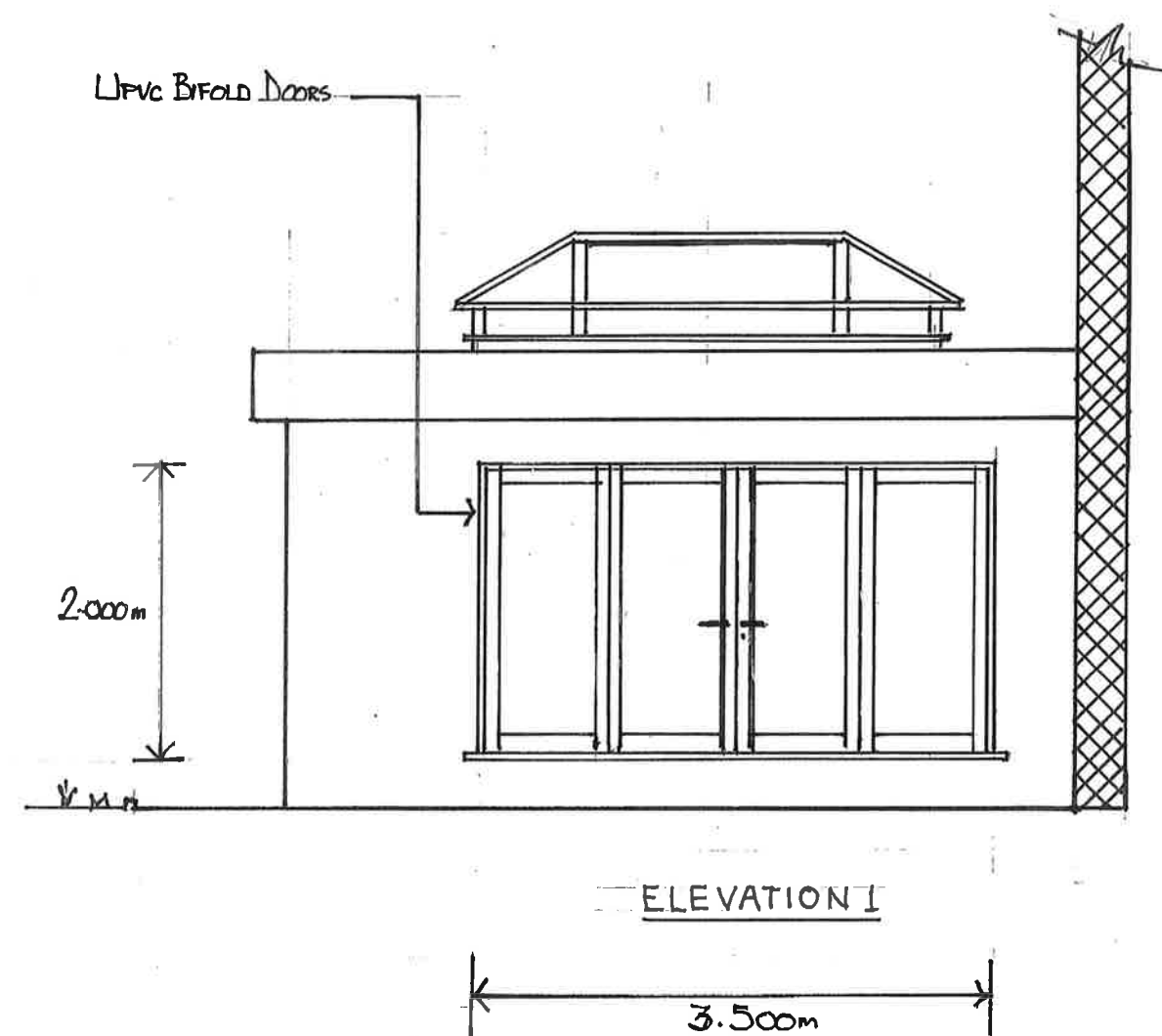


External Wall Construction

Wall to be overall 327mm comprising of 102mm face brickwork outer skin, to match existing building, 125mm overall cavity including 75mm Celotex Double R CW200, or similar, partial fill cavity insulation, installed strictly in accordance with manufacturers instructions and all relevant Codes of Practice etc. Inner skin to be 100mm dense blockwork finished internally with 13mm overall render and skim. Wall construction to achieve a min. U Value of 0.35 W/m K. Wall ties to be Catnic BB3 or similar approved to BS1243 including the necessary insulation retaining discs at 750mm centres horizontally and 450mm centres vertically, staggered. Additional ties are to be provided at intermediate courses around openings. Ties are to slope downwards towards the outer leaf. No ties are to be laid on the dpc and weepholes are to be provided at 150mm below dpc level at maximum 1200mm centres.

Foundations

Mass concrete strip foundations, minimum 600mm x 225mm, 21Kn design mix at a depth to match existing foundations. All sizes and depths to be to the approval of the Local Authority Building Control Officer.



Ground Floor Construction

50mm Sand cement screed to be laid on 100mm concrete floor slab poured on top of 100mm polyurethane floor insulation [separated with a layer of building paper]. Floor insulation is to be installed on top of a 1200 gauge Visqueen dpm laid on top of a minimum 150mm well consolidated hardcore blinded with sand. Floor construction to achieve a minimum U value of 0.25 W/m K.

Scale: As Shown	Drwg.No. 006	Project: Proposed Extension
Date: January 2021		Address: 47 Cloda Avenue Bryncoch, Neath SA10 7FH
Rev.	Date:	Client: Mr&Mrs L&G Williams
		Title: Extension Section and Elevation