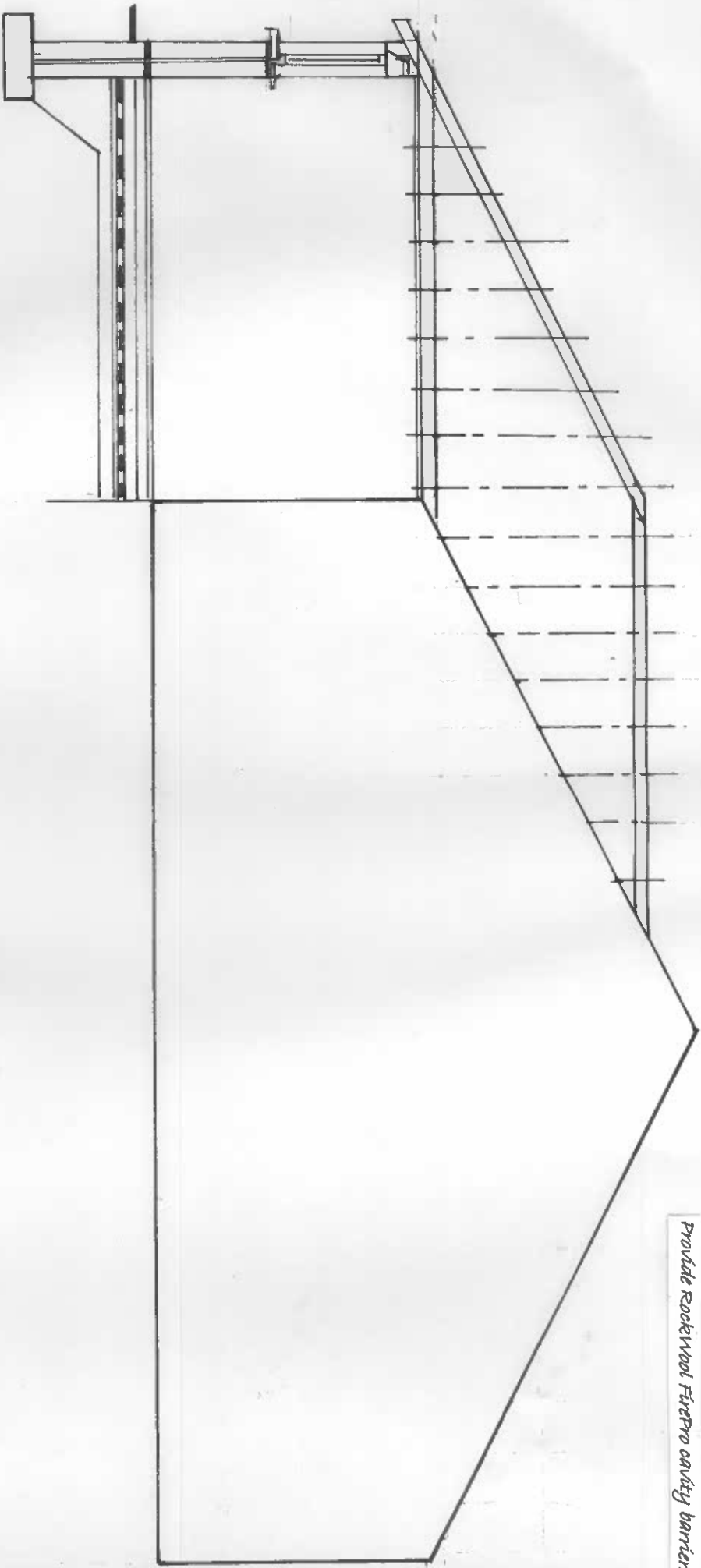


Scale 1.50



Manly Messer or sim cone tile with a min headlap of 75mm max gauge of 335mm. All tiles to be mechanically fitted at perimeter and over main body of roof. 36 x 25mm treated battens secured with 75mm x 10g round wire nails on a breathable roofing membrane [Tyvek] 100mm x 50mm rafters @ 400mm centres 100mm x 50mm ceiling joists @ 400mm centres Kingspan Kooltherm K18 insulated plasterboard to underside of trusses with a 3mm skim

Provide Rockwool FirePro cavity barriers @ roof level

Section Thro

Concrete foundations taken down to a suitable depth, but to a minimum of 600mm below ground level, below invert level of all drains in close proximity. Foundations to be 600 x 250mm with engineering bricks to within 150mm d.p.o. Lean mix concrete fill up to 225mm below d.p.o.

337.5mm cavity walls, 100mm dense concrete blockwork outer skin/102.5mm facing brickwork outer skin, 100mm cavity, with 50mm Kingspan Kooltherm K18 cavity insulation bats in accordance with manufacturer's instructions. 50mm clear cavity to be maintained throughout the cavity. 100mm Celcon Solar lightweight aerated concrete blockwork inner skin. 37.5mm Kingspan Kooltherm K17 insulated plasterboard applied to inner face of blockwork on dabs to achieve a U value target of 0.18 W/M²/K. 150mm lateral restraint straps.

750mm Anhydrite floor screed pump applied self-leveling screed on 125mm Kingspan Kooltherm K3 floor insulation to achieve a U value of 0.13 W/M²/K turned up under D.P.C. at wall abutments on 150mm concrete floor slab (1:3:6) mix 1200 Visqueen DPM and radon protection. All joints lapped folded and taped on 50mm sand blinding on 150mm consolidated hardcore.

All new timbers to be Canadian pine or similar G5 SS grade.

All new cavity work to be secured to existing by means of metal fixings (FRFix) incorporating a vertical d.p.o.

EXTENSION TO THE REAR AND SIDE
FOR MR G. FISHER & LON Y CELYN
NELSON, CF 46 & HT
DRAWING 5 OF 6 FEB 2023
DETAILS OTHER THAN THOSE INDICATED ON
PLANS TO COMPLY WITH CURRENT BUILDING
REGS AND ALLIED LEGISLATION