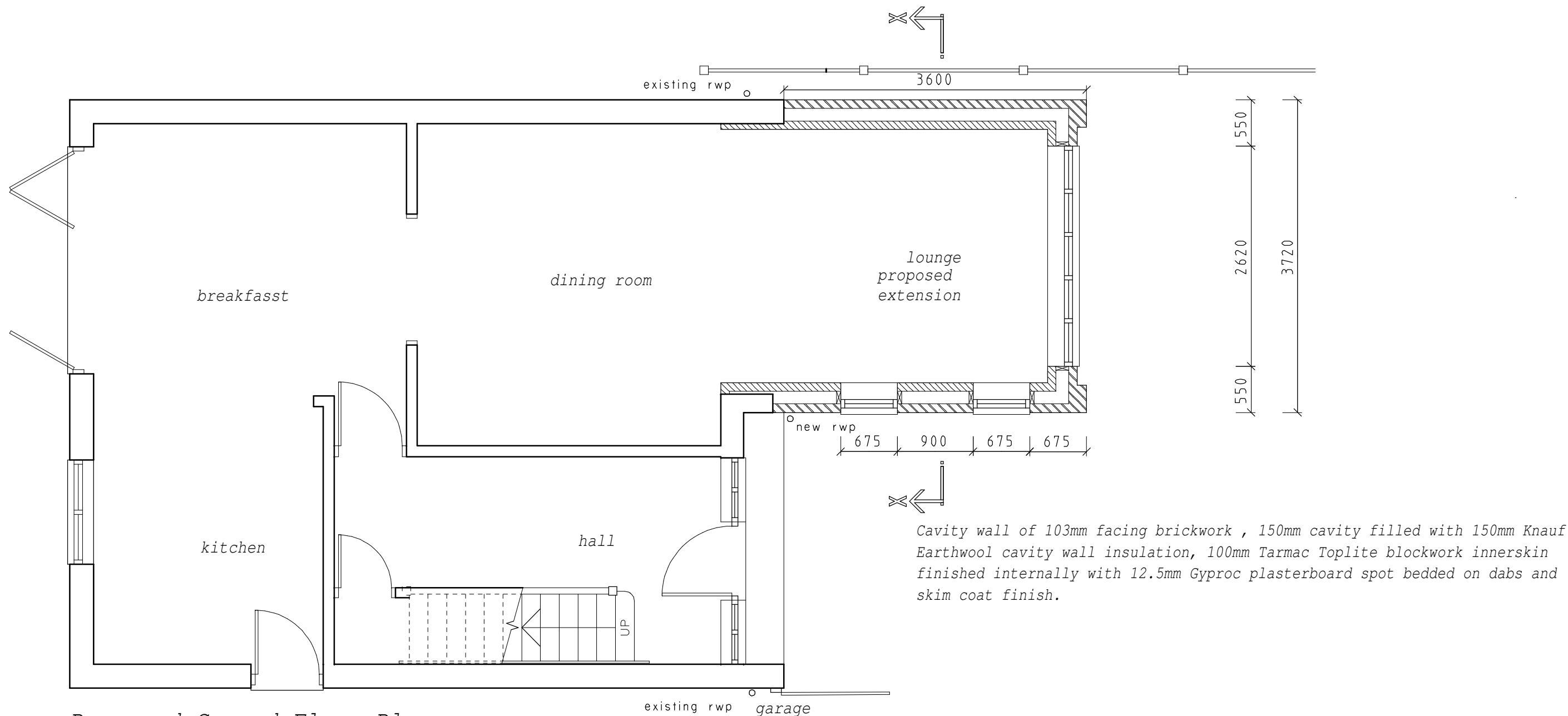
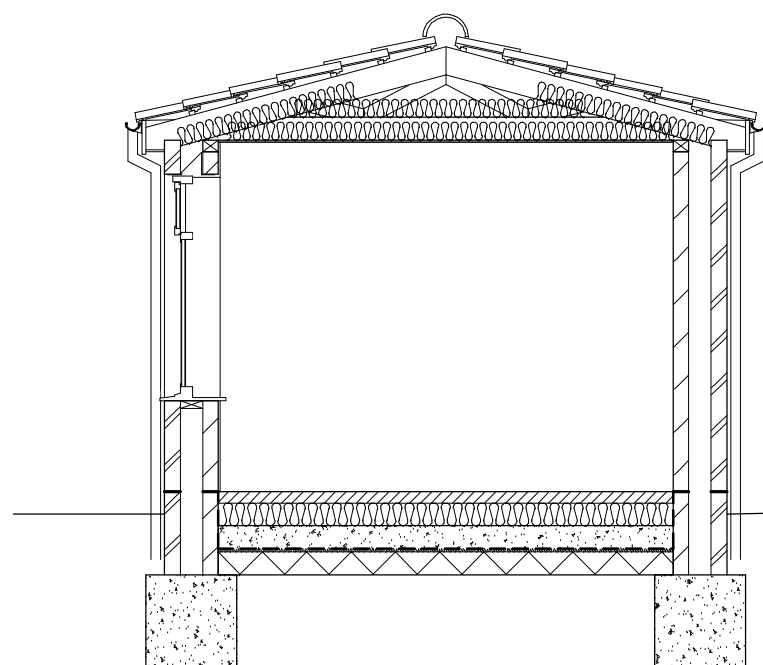




Proposed Ground Floor Plan



Section X - X

30 degree pitched roof with matching concrete interlocking roof tiles (100mm headlap) on 38 x 50mm tanalised battens over Tytek breathable underslators felt over 147 x 47mm rafters and ceiling joists @ 400mm c/cs.

400mm roof insulation (200mm between joists and 200mm laid at right angle to joists)

External walls to be restrained by 30 x 5mm galvanized m.s. straps fixed @ 1.8m max c/cs. across 3 No. rafters and ceiling joists. Ensure roof insulation abuts tightly with cavity wall and warm roof insulation to prevent cold bridging and seal with spray foam sealer.

100 x 75mm s.w. wall plates mortar bedded and strapped to inner skin with 30 x 5mm galvanised straps @ 1.8m c/cs. Code 5 dressed lead flashing where new roof abuts house with 150mm minimum upstand.

Catnic Cougar insulated galvanised combined steel lintels over Double Glazed 'A+' rated windows and external doors fitted with Soft coating Low E, Argon gas filled sealed double glazing units

U-Value 1.4W/m²K) using toughened safety glass Knauf polyfoam Combi-Closer insulated cavity wall closer/vertical d.p.c. where cavities closed around door and window openings.

Solid ground floor of 75mm thick Lafarge Agillia screed over 500 gauge slip membrane over 150mm thick Kingspan ThermaFloor TF70 rigid urethane insulation with taped joints laid over 100mm thick concrete floor over 1200 gauge Visqueen d.p.m. (lapping with d.p.c.) laid over 25mm sand blinding over 150mm thick Type 1 well consolidated hardcore/stone

bit felt dpc 150mm above external ground level and two courses of blue bricks Semi engineering brickwork below dpc with lean mix concrete cavity fill to within 150mm of dpc over 600mm wide mass concrete trench fill to within 450mm of dpc. Footings taken down 1.0m minimum to suitable load bearing sub soil.

Project: Proposed Single Storey Lounge Extension at 12, Manor Crescent, Stapleton, LE9 8JQ for Mr. & Mrs. M. Burke	Scale: 1:50 @ A3
	Date: Feb 2026
Drg. Title: Proposed Ground Floor Plan & Section	Drg. No. Rev. WL/MB/0226/02/A