

**ELECTRICAL LEGEND**

- LIGHT FITTING
- ⤵ LIGHT SWITCH
- Ⓢ SMOKE DETECTOR
- Ⓢ CARBON MONOXIDE DETECTOR
- Ⓢ HEAT DETECTOR TO BE INSTALLED TO REQUIREMENTS OF BS 5446: Part 6: 2003
- ⚡ 13 AMP TWIN SWITCHED SKT
- ▬▬▬ RADIATOR WITH TRV

All fixed light fittings and lamps should be low energy type eg tubular fluorescent & compact fluorescent fittings with luminous efficacy of at least 40 lumens/circuit watt

ALL ELEMENTS OF STRUCTURE TO ACHIEVE SHORT DURATION FIRE RESISTANCE ie WALL AND CEILING LININGS TO BE CLAD 12.5mm PLASTERBOARD (STAGGERED JOINTS) WITH 3mm SKIM COAT OF PLASTER TO GIVE HALF HOUR FIRE RESISTANCE AND CLASS O SURFACE SPREAD OF FLAME

**U-VALUES**  
 Heating is mains gas  
 Floor - 0.15 w/m2K  
 Walls - 0.17 w/m2K  
 Glazed Units - 1.4 w/m2K

Dryline block walls with timber battens and 12.5mm t/e plasterboard taped and filled ready to receive decoration

Existing Ideal Logic Combi-boiler 35kW - Purpose Provided ventilation not required for this Model boiler enclosure/utility formed with timber framing clad 12.5mm plasterboard both sides

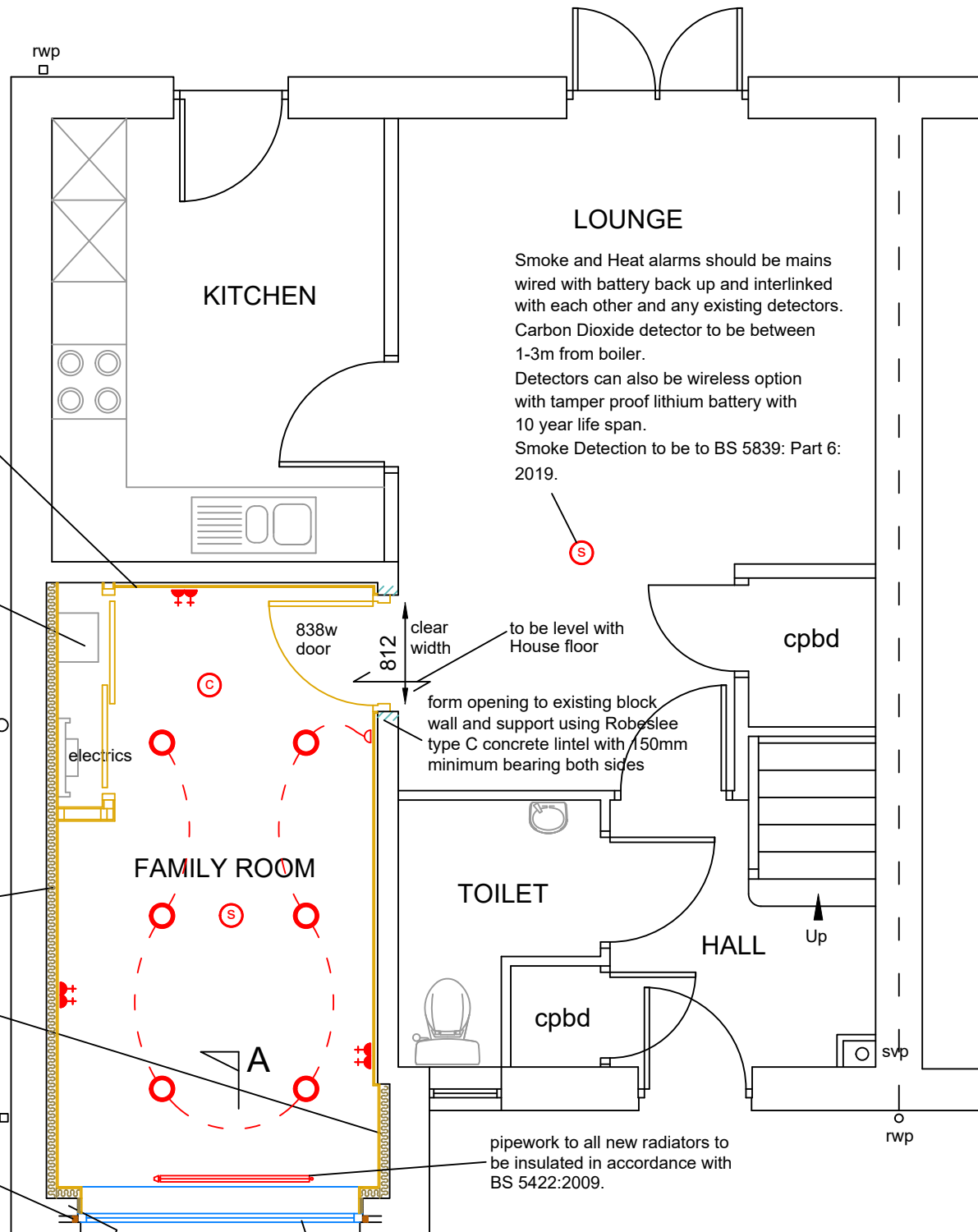
electrical sockets/switches on boundary wall to be in fire rated metal back boxes fitted with intumescent fire rated proprietary fire seal gasket to BS 476 requirements

line existing brick & blockwork cavity walls with 92.5mm thick Kingspan K118 insulation board to achieve 0.17 w/m2/K

Thermabate cavity closer with integrated dpc to window surround to prevent Thermal bridging

Builder to check existing masonry cavity has weepers with minimum opening area of 300mm2 installed to base to drain the cavity and also to facilitate ventilation (fit weepers if not present). Centre spacings to be 1200mm or less.

Existing Garage FAI's to be suitably sealed to prevent moisture from precipitation penetrating to inner surface of proposed Family Room



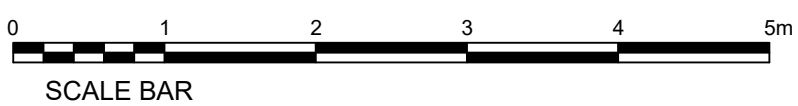
**LOUNGE**  
 Smoke and Heat alarms should be mains wired with battery back up and interlinked with each other and any existing detectors. Carbon Dioxide detector to be between 1-3m from boiler. Detectors can also be wireless option with tamper proof lithium battery with 10 year life span. Smoke Detection to be to BS 5839: Part 6: 2019.

838w door  
 812 clear width  
 to be level with House floor  
 form opening to existing block wall and support using Robeslee type C concrete lintel with 150mm minimum bearing both sides

pipework to all new radiators to be insulated in accordance with BS 5422:2009.

New white UPVC window to match existing style & construction. 2 no. trickle ventilators within window head with min. opening area of 6000mm2 each (1.75m min. above floor). Window to be fire escape type. Windows to be manufactured and installed to resist forced entry. The glazing to be in accordance with BS 6262: Part 4: 2005. U-value to be 1.4.

**GROUND FLOOR PLAN AS PROPOSED**



Project Mr Jack Morrissey 78 Bowhill Road Chapelhall Airdrie ML6 8WL	DrawingTitle Proposed Ground Floor Plan	Drawn By DH	
		Scale 1:50 @A3	
		Date February'24	
		Drawing No. JM/24/2	Rev