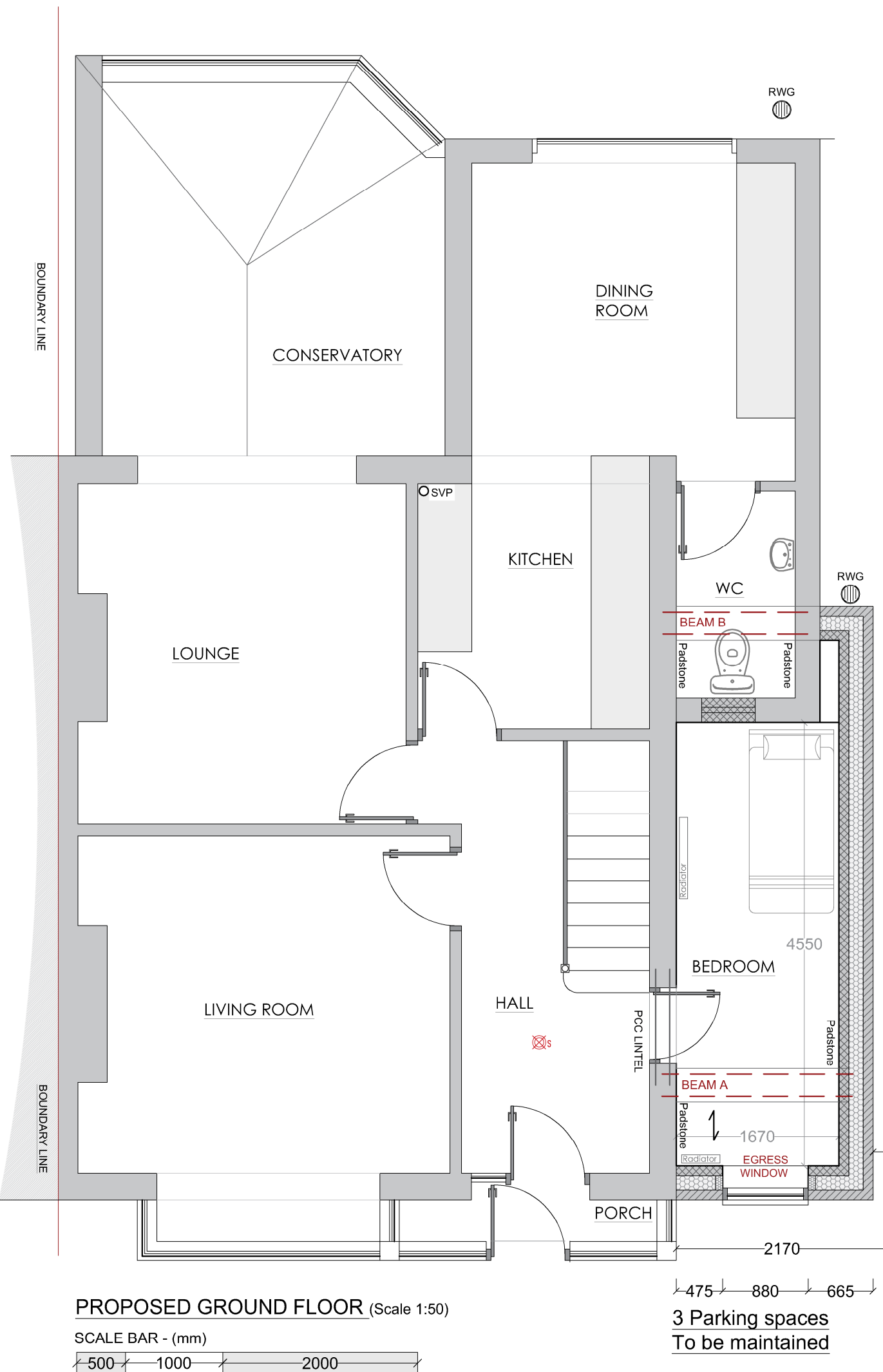




New Minimum Thermal Elements
Wall Insulation - 0.18W/m²K
Roof Insulation - 0.15W/m²K
Floor Insulation - 0.15W/m²K
Windows & Doors - 1.4W/m²K
GARAGE DOES NOT NEED TO BE INSULATED
See Specifications & Details L1B - CONSERVATION OF FUEL AND POWER IN EXISTING DWELLINGS

VAULTED ROOFS - MINIMUM PITCH 15°

TIMBER SIZES: 47 x 170 C16 @ 400 Centres
Timbers to be doubled up around any valleys
U-VALUE: 0.18W/m²K Minimum
BETWEEN: Kooltherm Pitched Roof Board (120mm)
UNDER: K118 Kooltherm K7 Insulated Plasterboard** (25.5mm)
ROOF TILES: To be suitable for final roof pitch
MEMBRANE: Suitable Breathable membrane - Kingspan Nivent

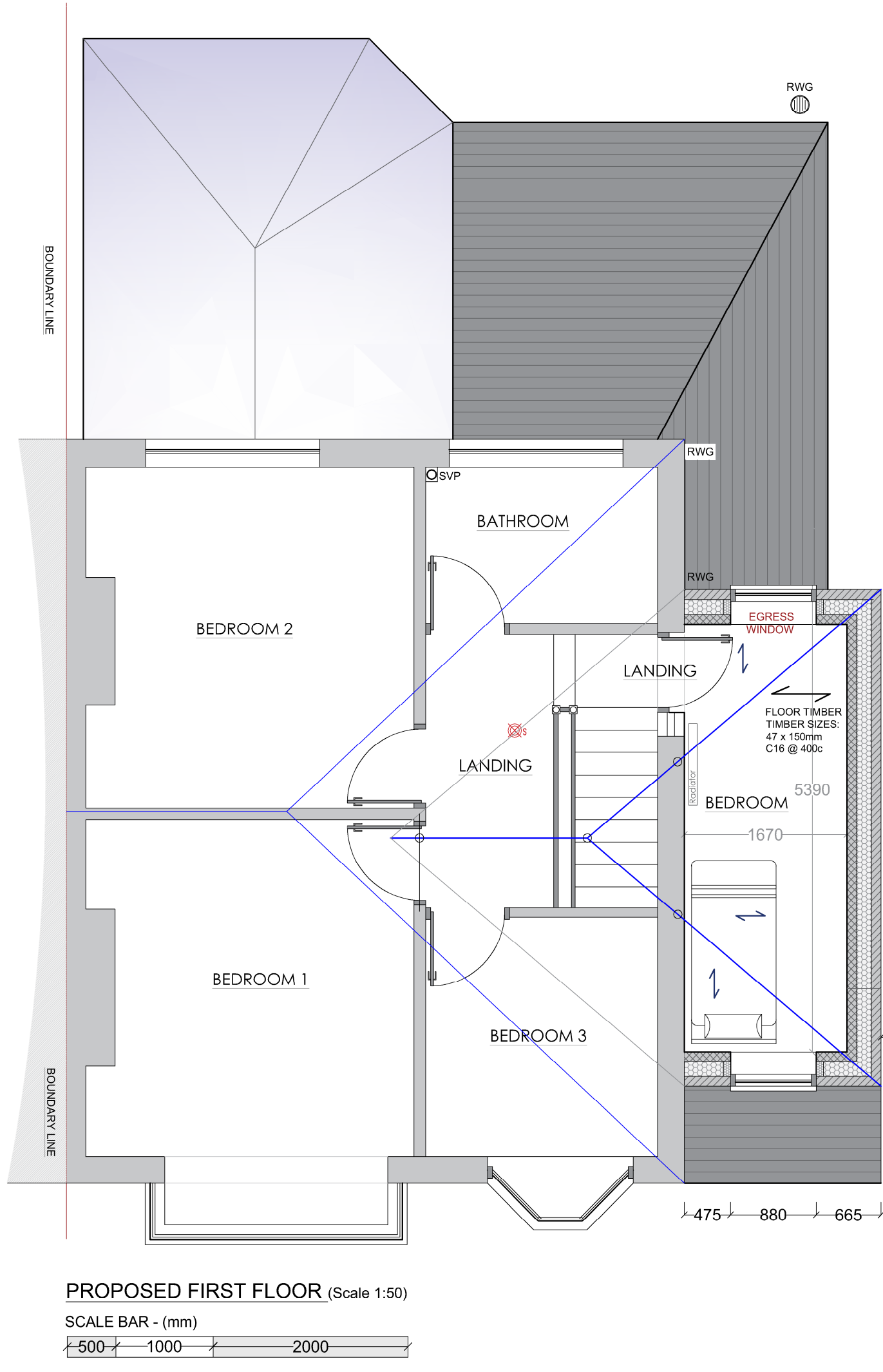
- Smoke Detector & Sounder
- Heat Detector & Sounder
- New Steelwork / Trimmers
- Extract fan
- External Lighting

New sockets and spot lights to owners design - Part M
Lines of drainage could not be fully determined. New drainage runs to be agreed onsite with Building control prior to covering up

30 Minutes Structural Protection Minimum

Final room layouts: Kitchens, Bathrooms, WCs to be decided by owners

New and altered structural elements such as steelwork and bearings must be designed by a qualified structural engineer and complete calculations are to be provided justifying adequacy. Existing foundations to be assessed by BCO for suitability



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MAIN ROOF - TRADITIONAL ROOF

TIMBER SIZES:
HIPS 9 x 3 C24
Ridge 9 x 3 C24
RAFTERS 6 x 2 C16 @ 400c
CEILING JOISTS 6 x 2 C16 @ 400c
(Span gable to gable) with laddering using hangers to fast ceiling joists to provide triangulation and restraint against spread on roof rafters.

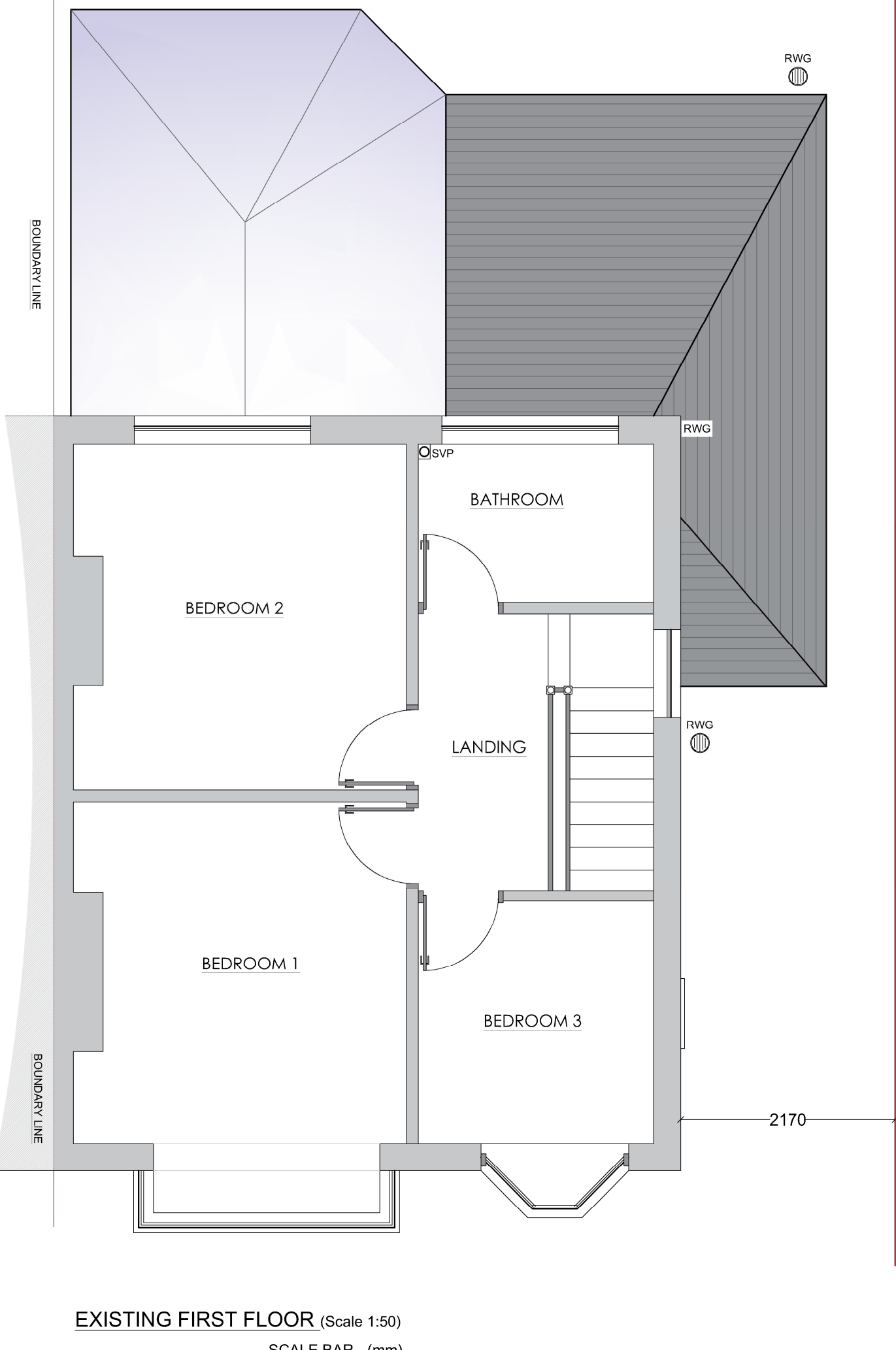
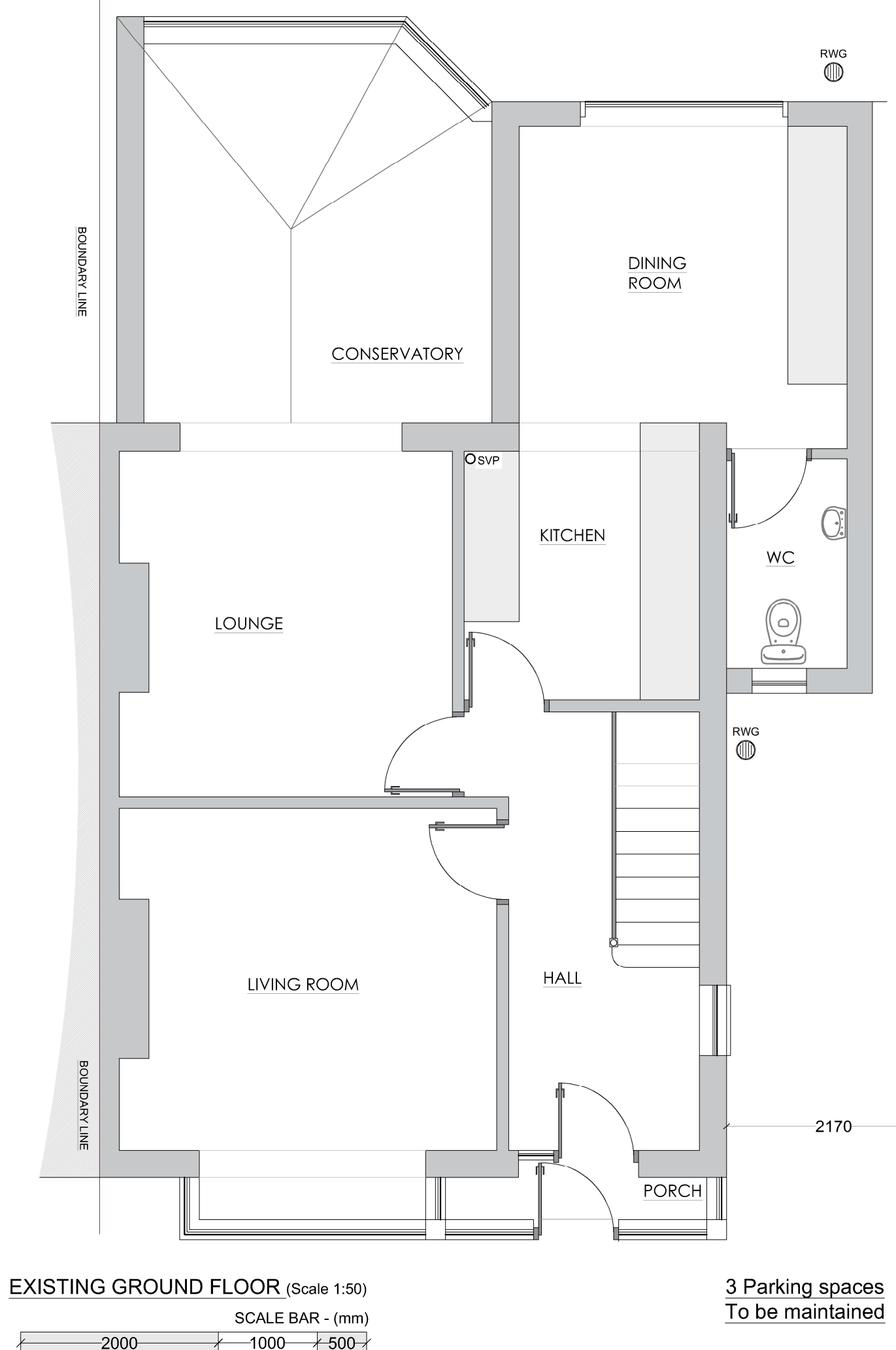
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ALL WORKS TO BE UNDERTAKEN TO LATEST BUILDING REGULATIONS, BRITISH STANDARDS AND MANUFACTURERS RECOMMENDATIONS
TOWN AND COUNTRY PLANNING ACT 1990 - Advice to be taken from the Local Authority by Client, full planning permission should be applied for and obtained by the owners Prior to work commencing
BUILDING REGULATIONS APPROVAL - is required for this project. The contractor must provide the appointed Building control body with all statutory notices for inspections and must liaise with the statutory undertakers and comply with their requirements.
PARTY WALL ACT - Prior to commencing work the builder/owners shall ensure that neighbors have been given notice under the Party Wall Act 1996.
CDM REGULATIONS 2015 - The contractor/builder shall be fully aware of the latest Construction (Design and Management) Regulations 2015. The contractor shall notify the Health and Safety Executive where required.
GENERAL - All dimensions given whether figured or scaled are to be checked and verified on site by the contractor prior to commencement of work. Figured dimensions are to take preference over scaled dimensions.

PURPOSE	Planning and Building Regulations Only	SITE ADDRESS	54 Pilch Ln E Liverpool L36 4NP
WORK	Double storey side extension to dwelling house	Number	1
DRAWING	Existing and Proposed plans & elevations	REVISION	A
		SCALE 1 - A3	1:50 Floor Plans
		SCALE 2 - A3	1:100 Elevations