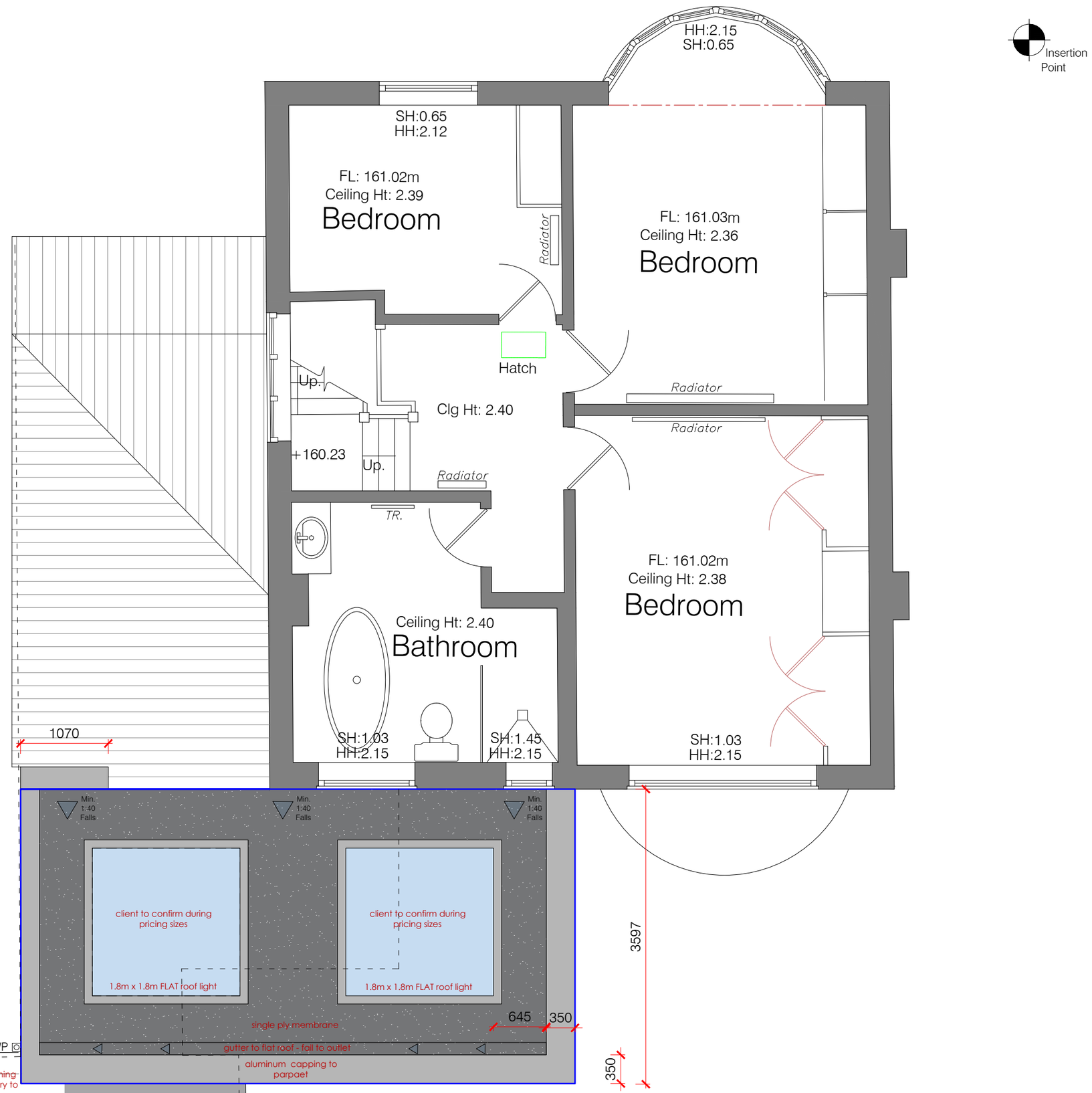
Scale 1:50

0 1 2 3 4 5



NEW ROOF AREAS TOTAL
- 24.25m2

WARM FLAT ROOF

(imposed load max 1.0 kN/m² - dead load max 0.75 kN/m²)
To achieve U value 0.18 W/m²K
Flat roof to be single ply membrane roofing providing aa fire rating for surface spread of flame with a current BBA or WIMLAS Certificate and laid to specialist specification.

Single ply membrane to be fixed to 22mm exterior quality plywood over 150mm Celotex XR4000 insulation.

Insulation bonded to vcl on 22mm external quality plywood decking or similar approved on sw firings to minimum 1 in 40 fall unless otherwise stated on

NOM. EASI-JOIST WS254 x 97 x 47 flat roof joists at 600mm ctrs to as Structural Engineer's details and calculations.

or install mid span steel trimmer as shown and use standard joists to TRADA and SE recommendations and layout

Underside of joists to have 15mm foil backed plasterboard and skim.

Provide cavity tray to existing house where new roof abuts existing house.

Provide restraint to flat roof by fixing of 30 x 5 x 1000mm ms galvanised lateral restraint straps at maximum 2000mm centres fixed to steel as required by S.E and anchored to wall.

THIS IS A GENERAL GUIDE BASED ON NORMAL LOADING CONDITIONS FOUND ENGINEER'S DETAILS/CALCULATIONS ARE REQUIRED. TBC BY BUILDING CONTROL OFFICER PRIOR TO PROCUREMENT.

S.G ARCHITECTURAL DESIGN

Tel: 07817034426. sgarchitecturaldesign@gmail.com.

www.sgarchitecturaldesign.com

Hill Rise, 202 Crich Common, Fritchley, Belper, Derbyshire, DE56 2FL

01 B - PROPOSED FIRST FLOOR PLAN

SG PROJECT NO.	PAPER SIZE	DRAWN BY
501	A2	SG
REVISION	SCALE(S)	
PLANNING / BREGS	1:50	

Drawing measurements shall not be obtained by scaling. Verify all dimensions prior to construction. Immediately report any discrepancies on this document to SG ARCHITECTURAL DESIGN.

REV.	DESCRIPTION	DATE	BY	CHK'D

NORTH