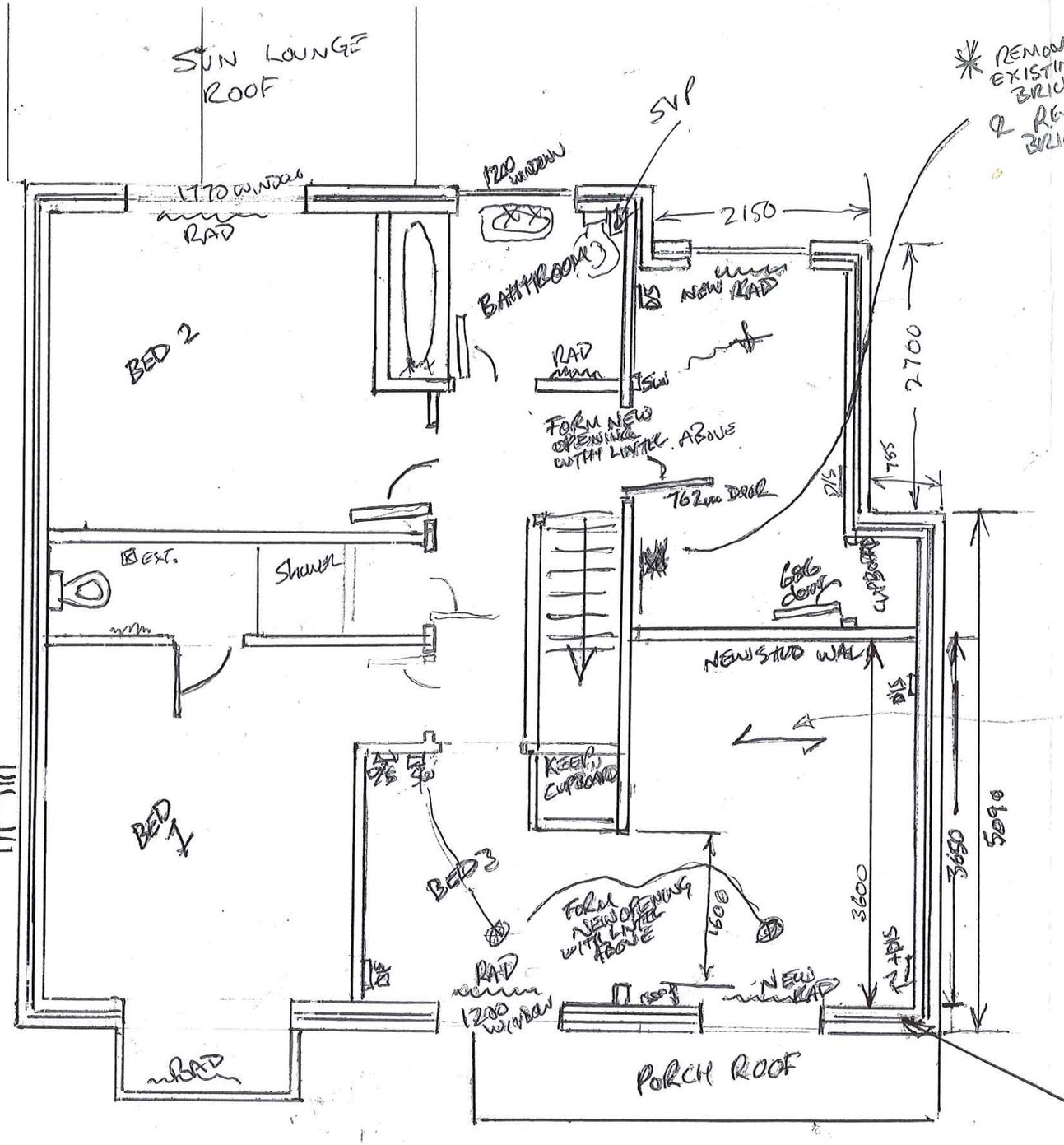


PROPOSED 1ST FLOOR

SIZES IN MILLIMETRES

Footing/Foundation

On existing it is 225mm deep, 600mm wide concrete strip foundations at a depth of 750mm below dpc.

Roof Construction

PRE-FABRICATED TRUSSED RAFTERS AT 600 m/m max centres with Pitch to Match existing. current Garage & utility roof tiles to be retained & used on face elevation
25 x 50 mm treated battens on Breathable roof membrane.
300mm overall of Quilt insulation to be continuous with cavity insulation
Steel restraint Straps to gable + down walls

Cavity Wall

100 mm Brick work, re-use some from existing gable & mix with as close a match as possible
50 mm insulated cavity to Match low level walls being built off. DRITHERM 'Hi-Cavity' 32 or Similar
internal of new blockwork to have insulated plasterboard to provide extra 50mm min from cavity
100 mm BLOCK WORK, INTERFUSE lightweight ultra block or equ
CAVITY TIES SPACED AT 750mm horizontally, 450mm vertically and 225 at openings
CAVITY TIES TO BE STAINLESS STEEL FINISH

Lintels

CATNIC CG 90 or equivalent with min 150mm bearing on each end, insulated between steel.

SIZES IN MM.