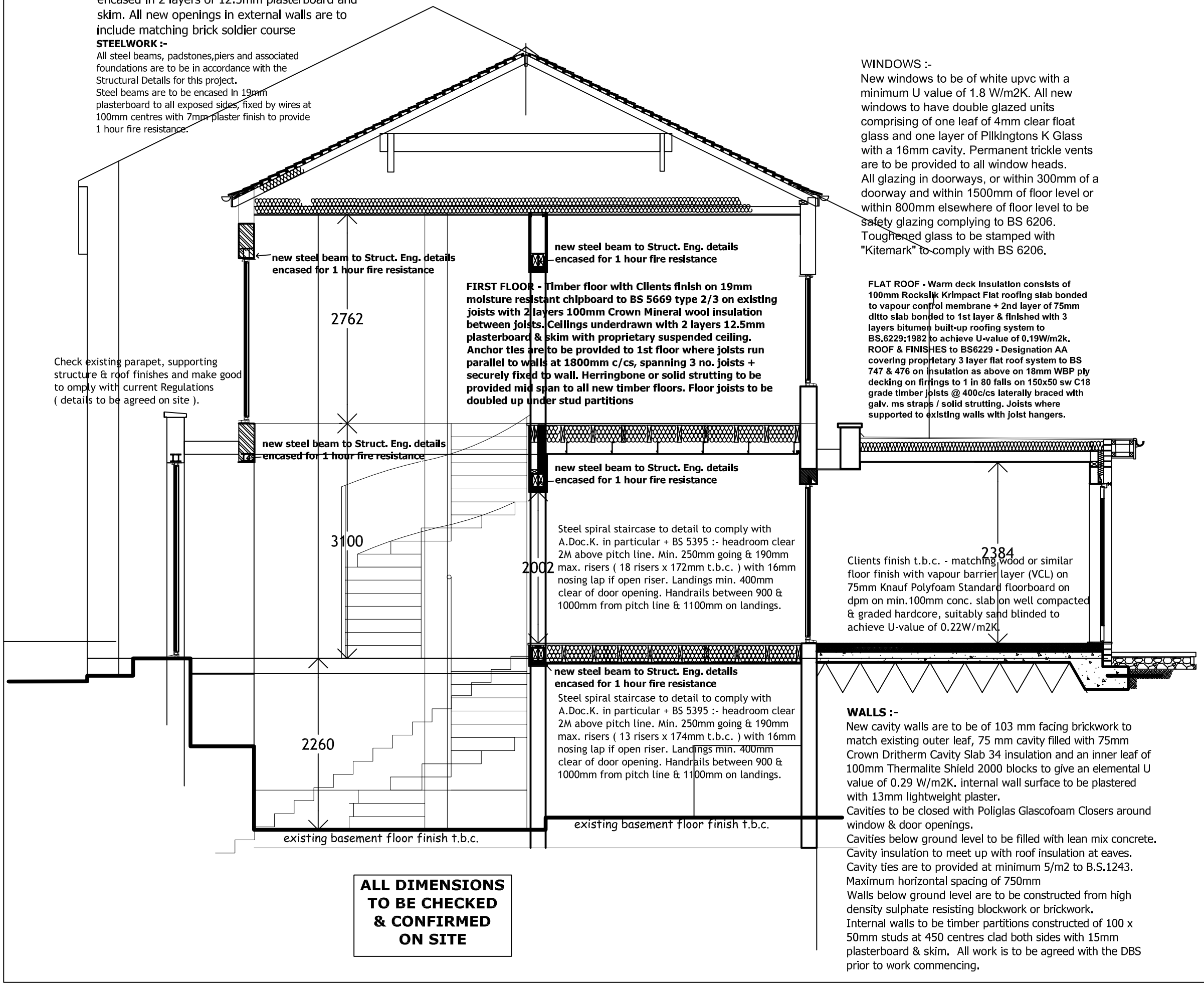
LINTELS :-
Lintels over new openings are to be galvanized steel Catnic Lintels by Corus UK Ltd. Lintels to have minimum 150mm end bearing and are to be encased in 2 layers of 12.5mm plasterboard and skim. All new openings in external walls are to include matching brick soldier course

STEELWORK :-
All steel beams, padstones,piers and associated foundations are to be in accordance with the Structural Details for this project.
Steel beams are to be encased in 19mm plasterboard to all exposed sides, fixed by wires at 100mm centres with 7mm plaster finish to provide 1 hour fire resistance.



FLAT ROOF - Warm deck Insulation consists of 100mm Rocksilk Krimpact Flat roofing slab bonded to vapour control membrane + 2nd layer of 75mm ditto slab bonded to 1st layer & finished with 3 layers bitumen built-up roofing system to BS.6229:1982 to achieve U-value of 0.19W/m2k. ROOF & FINISHES to BS6229 - Designation AA covering proprietary 3 layer flat roof system to BS 747 & 476 on insulation as above on 18mm WBP ply decking on firrings to 1 in 80 falls on 150x50 sw C18 grade timber joists @ 400c/cs laterally braced with galv. ms straps / solid strutting. Joists where supported to existing walls with joist hangers.

WINDOWS :-
New windows to be of white upvc with a minimum U value of 1.8 W/m2K. All new windows to have double glazed units comprising of one leaf of 4mm clear float glass and one layer of Pilkingtons K Glass with a 16mm cavity. Permanent trickle vents are to be provided to all window heads.
All glazing in doorways, or within 300mm of a doorway and within 1500mm of floor level or within 800mm elsewhere of floor level to be safety glazing complying to BS 6206.
Toughened glass to be stamped with "Kitemark" to comply with BS 6206.

WALLS :-
New cavity walls are to be of 103 mm facing brickwork to match existing outer leaf, 75 mm cavity filled with 75mm Crown Dritherm Cavity Slab 34 insulation and an inner leaf of 100mm Thermalite Shield 2000 blocks to give an elemental U value of 0.29 W/m2K. internal wall surface to be plastered with 13mm lightweight plaster.
Cavities to be closed with Poliglas Glascofoam Closers around window & door openings.
Cavities below ground level to be filled with lean mix concrete.
Cavity insulation to meet up with roof insulation at eaves.
Cavity ties are to provided at minimum 5/m2 to B.S.1243.
Maximum horizontal spacing of 750mm
Walls below ground level are to be constructed from high density sulphate resisting blockwork or brickwork.
Internal walls to be timber partitions constructed of 100 x 50mm studs at 450 centres clad both sides with 15mm plasterboard & skim. All work is to be agreed with the DBS prior to work commencing.

ALL DIMENSIONS TO BE CHECKED & CONFIRMED ON SITE

This document is confidential to Malcolm MagInn (and its contents)and as such should be treated with the utmost care and consideration, and in no circumstances should it be disclosed, distributed, published or copied (whether in whole or in part) without the prior written consent of Malcolm MagInn.
NOTES:
All dimensions to be checked on site and any discrepancies reported prior to the commencement of work.
Do not scale from this drawing.
If in doubt, ask.

B- minor alts. 28.02.14 M.M.
A .Victorian balcony. 08.09.09. M.M

Rev.	Notes	Date	By

2M DESIGN
Malcolm MagInn, Architect, 9, Marigold Close, Macclesfield, SK11 8RG. tel. 01625 431912
mob. 07831 852346

Job Title
PROPOSED COFFEE BAR AT 9, BARLOW MOOR RD., DIDSBURY, M20 6TN

Drawing Title
PROPOSED CROSS SECTION

Scale	1:50 @ A3	Sheet	A3
Date	22.11.13	Drawn by	mm

Drg No **2013.210.50** **B**