

Enclosure Construction Details

The enclosure is constructed of internal and external 9mm exterior grade plywood sheets and the cavity will be filled with 50mm Rockwool insulation at 100kg/cubic M.

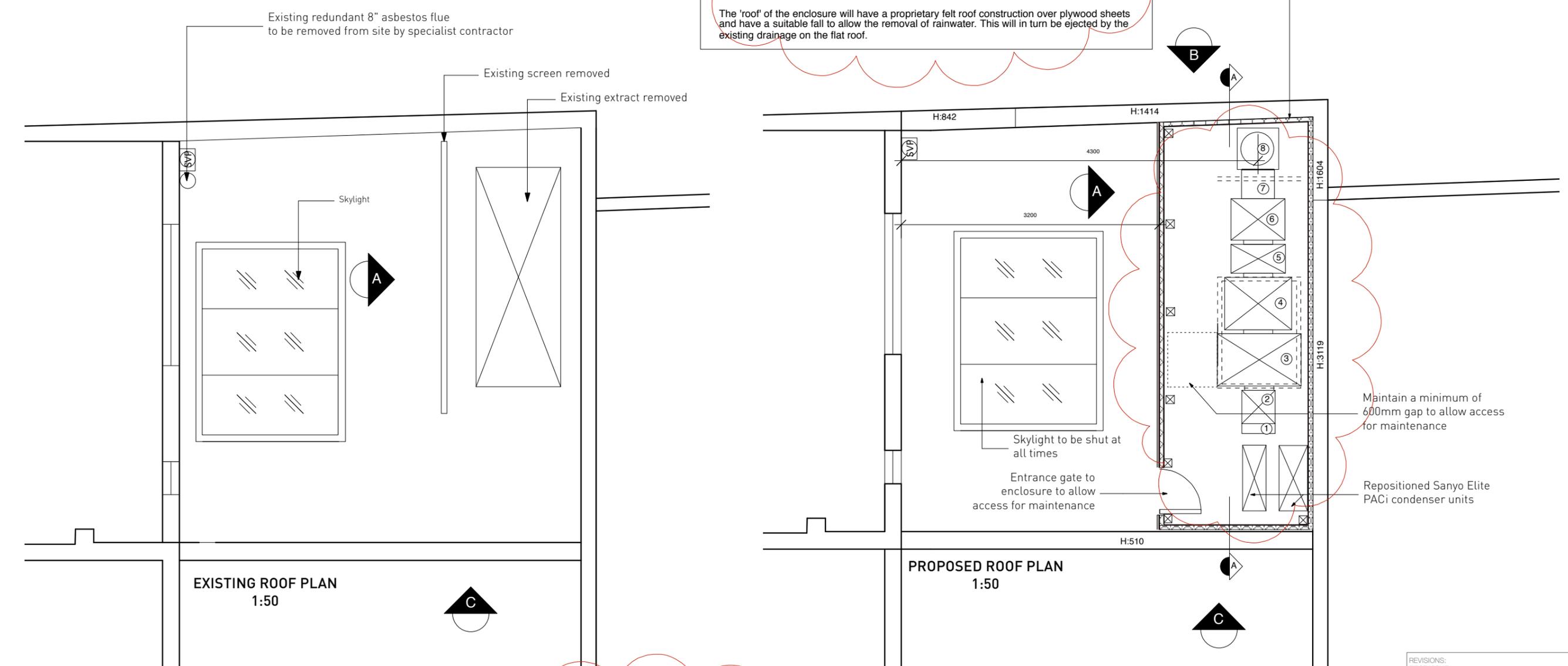
The plywood is to be painted charcoal grey on the exterior face with 40 x 20mm timber slats mounted in a horizontal configuration. These will be stained a suitable colour TBC.

The enclosure is accessed through a purpose built door which will be built in an identical construction and have suitable seals on all sides to maintain the acoustic performance.

Internally the enclosure will have a suitable softwood timber framework to support all aspects.

Note that all materials in the enclosure and the construction will provide min 1 hour fire protection.

The 'roof' of the enclosure will have a proprietary felt roof construction over plywood sheets and have a suitable fall to allow the removal of rainwater. This will in turn be ejected by the existing drainage on the flat roof.



Schedule of kitchen extract equipment

- 1 Existing air duct rising from kitchen
- 2 Connecting duct 400 x 400
- 3 Electrostatic Precipitator ESP 3000E from Purified Air
- 4 UV-C Odour Control Technology UVC 3000 from Purified Air
- 5 Flacktwoods 56 JM axial fan Motor ref: 50JM DX 511466
- 6 Flacktwoods axial fan Silencer ref: SB271401
- 7 Connecting duct 400 x 400
- 8 Elbow directing trickle feed through to exit
- 9 Metal platform table to support equipment
- 10 'Big foot' legs to support elbow

NOTE: Existing ON 100 odour neutraliser equipment to remain positioned in the kitchen

REVISIONS:	
FIRST ISSUE	25.07.11
A - Amended enclosure & equipment position	11.10.11
B - Added new equipment & increased enclosure	18.05.12



TITLE		EXISTING AND PROPOSED PLANS
CLIENT		GREENLEAF INVESTOR
PROJECT		48 RED LION STREET, WC1
DRAWING NO.	100	REVISION
		B
JOB NO.	1075	DATE
		19.05.11
DRAWN BY:	SE	SCALE
		1: 50 @A3

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