

Joe McGowan

From: Joe McGowan
Sent: 22 October 2018 16:38
To: Joe McGowan
Subject: FW: 55 Lancaster Grove - smaller LG condenser unit option

From: Paul Cotton <paul@noico.co.uk>
Sent: 25 September 2018 17:37
To: Joe McGowan <j.mcgowan@bbpartnership.co.uk>
Cc: Andy Hetherington <andy@noico.co.uk>; Martyn Ayling <martyn@noico.co.uk>
Subject: RE: 55 Lancaster Grove - smaller LG condenser unit option

Hi Joe.

Further to your enquiry, we have as requested reviewed the revised plant and confirm as follows:

- 1) In order to provide adequate attenuation, we are of the opinion that the height of the acoustic screen will need to increase from 1700mm to 2500mm.
- 2) The screen located between the plant and receiver will need to be situated no further than 600mm from the plant.

Please note: we are unsure what acoustic performance the proposed screen will provide but state that it needs to provide the following minimum transmission loss (TL):

Frequency (Hz):	63	125	250	500	1k	2k	4k	8k
TL (dB)	9	10	12	15	18	20	23	24

Kind regards,



Paul Cotton
For and on behalf of
Noico Ltd
Direct : 01256 741 566

Noico Ltd, Landmark House, Station Road, Hook, Hampshire, RG27 9HA - Tel : 01256 766 207

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From: Joe McGowan <j.mcgowan@bbpartnership.co.uk>
Sent: 21 September 2018 11:54
To: Paul Cotton <paul@noico.co.uk>
Subject: FW: 55 Lancaster Grove - smaller LG condenser unit option

Hi Paul

We just spoke regarding a condenser unit query which Andy was helping us with. See below email but essentially:

- we have planning permission for 3 Daikin RXYSCQ4 external condenser units which required a 1.7m high timber screen for acoustic attenuation (see attachment 'BB Partnership 55 Lancaster Grove Revised')
- The contractor is instead proposing to use the LG Multi V S HR units (see attached specifications). We would only need 2 of these.
- Would the consented 1.7m high timber screen suffice with regards to acoustic attenuation? We can make it slightly higher if necessary, we just need to achieve a target noise level of 25dB(A) at a distance of 15m from the condenser location.

Feel free to give me a call if anything is unclear though or if you need any further information

Kind regards,

Joe McGowan
(for and on behalf of BB Partnership Limited)

BB PARTNERSHIP LTD
CHARTERED ARCHITECTS

Studios 33-34,
10 Hornsey Street
London
N7 8EL

Tel: 020 7336 8555
Fax: 020 7336 8777

www.bbpartnership.co.uk

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