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Our Ref: 338/MDP(TimperleySalon)
Your Ref: 135855/FO/2022

Melissa Timperley Hair Salon
67 Tib Street
Manchester
M4 1LS

17 July 2023

Dear Melissa

Re: Planning application ref: 135855/FO/2022
Revised positioning of plant acoustic update

Further to your emails related to refusal of the above consent. I note that the reason for refusal was the visual impact.

As discussed the condensers can be installed anywhere on the building façade. Based on the revised preferred location I have remodelled the potential noise impacts and provide them below as amendments to the original report 338/MDP(TimperleySalon).

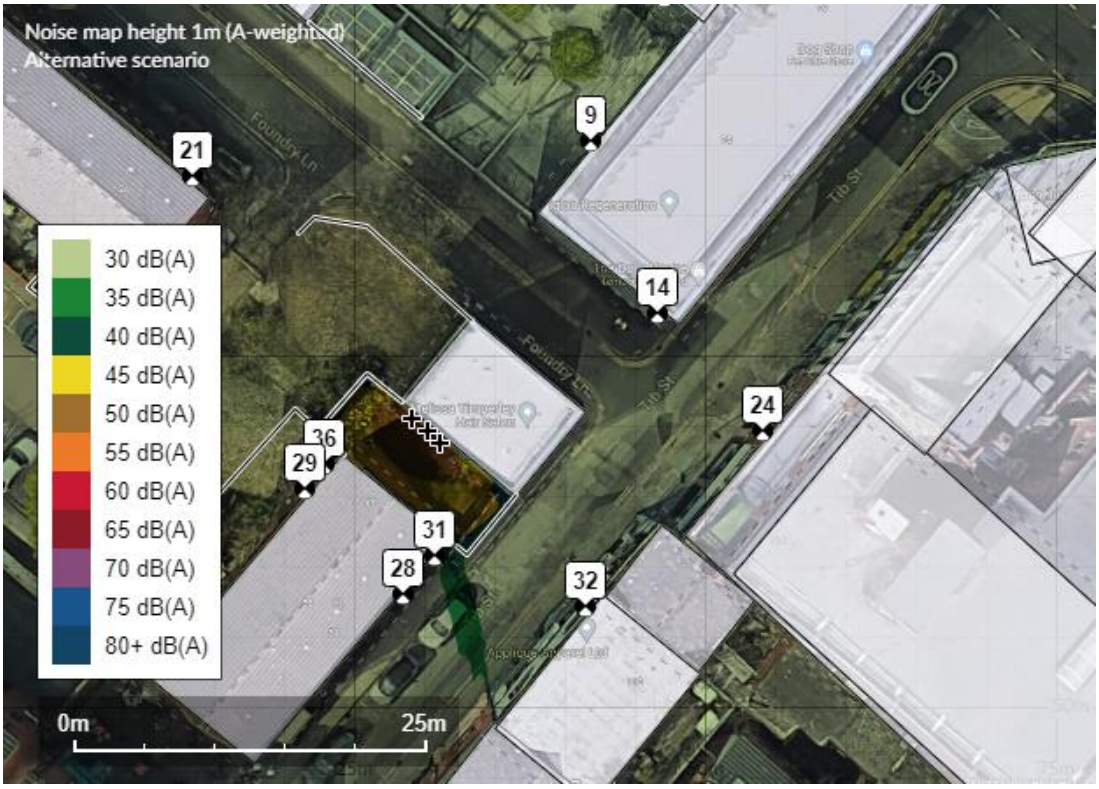
The amendments are based on:

- installing the plant within the rectangular area between your building and the one immediately south,
- locating the plant at 1m above ground level
- locating the plant adjacent to the application building with no line of sight with existing dwellings and no line of sight with public areas.

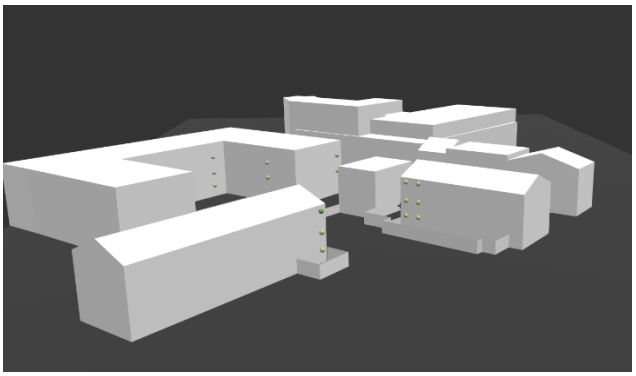
As a result of the changes, the following update modifications are required to the report:

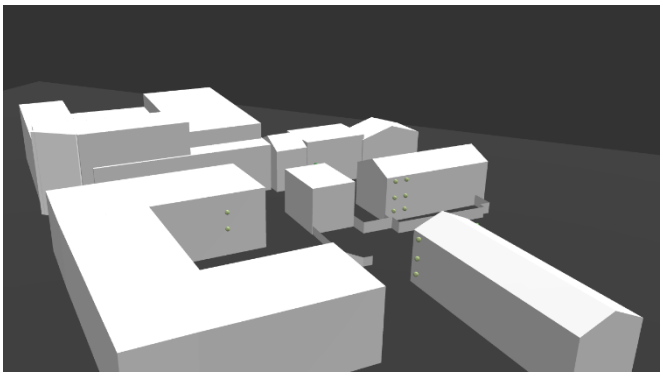
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Modelled output plant noise only replace Plot 1 with the image below:



Replace Plot 2 3D Plots with the images below:





Replace the Table of results as follows:

Receiver Name	Height (m)	Total dB(A)	Previous total dB(A)	Change in level (dB)
24 Foundry Lane NE	2.1	21	34	-13
24 Foundry Lane NE	4.5	23	34	-11
24 Foundry Lane NE	7.4	27	34	-7
65 Tib Street	2.1	36	34	+2
65 Tib Street	4.5	35	37	-2
65 Tib Street	7.4	35	37	-2
65 Tib Street 2	2.1	29	33	-4
65 Tib Street 2	4.5	29	36	-7
65 Tib Street 2	7.4	29	36	-7

73 Tib St Igloo S X	4.5	14	20	-6
73 Tib St Igloo S X	7.4	15	20	-5
73 Tib St Igloo W X	4.5	9	32	-23
73 Tib St Igloo W X	7.2	10	32	-22
Ringley S	2.1	9	29	-20
Ringley S	4.5	9	29	-20
Ringley S	7.4	10	31	-21
Work Screen Print	4.5	32	24	+8
116 Tib St	4.5	24	14	+10
65 Tib St front	7.4	31	NA	-
65 Tib St front 2	2.1	25	NA	-
65 Tib St front 2	4.5	26	NA	-
65 Tib St front 2	7.4	28	NA	-

Replace BS4142:2014 assessment with the one provided below:

BS4142:2014 assessment for Plant Noise

Results	Daytime	Relevant BS4142 Clause	Comments
Calculated Specific Level	36	7.3	Based on the operation of 3 plants in the revised location
Acoustic feature correction	+5	9.2	Daytime Barely audible tone (+2 dB), intermittency (+3 dB)
Rating level	42	9.2	
Background sound level	47	8.1.1 8.1.3 8.3	Based on Hann Tucker report
Excess of rating over background sound level	-6 dB	11	**LOW impact (worst case operation)**

Consequential amendments and conclusion

The net results of the change in location of the plant are:

1. Exposure of the front elevation of 65 Tib Street to potential noise.
2. Installation of plant within a confined space subject to reflections (included in the revised model)
3. Reduction in the sound level for the worst affected property (65 Tib Street), but a change to the affected room, now worst affected is ground floor.
4. There is a general significant reduction for most other receptors ranging from 2 dB – 23 dB improvement.

The overall conclusion remains the same. The reduced incident sound level for the most affected receptor is now 1 dB lower than previously calculated. The new location is there preferable to the previous location in acoustic terms and is now screened from view as there are no overlooking windows likely to see the units.

If you require more advice or assistance please contact me.

Yours sincerely

Tony Higgins
Director