

Mark Sengelmann

From: Scott <Scott@bennettengineering.net>
Sent: Monday, September 26, 2016 4:17 PM
To: Mark Sengelmann; Will
Cc: Patrick Cotter
Subject: RE: 415 Cumberland Ave Planning Board items

The packaged rooftop unit (RTU-1) has an ARI listed sound rating of 82dBa. We are specifying factory furnished Low Sound Power Level Options including EBM Papst Quiet Condenser Fans Modifications, EC Modulating Condenser Fan Motor with Head Pressure Controls and Acoustical Compressor Enclosure that will reduce the sound rating to 55dBA at the unit.

The multiple split system condensing units (CU-#) on the roof have ARI listed sound ratings that range from 53-58dBa. The ARI standard rating is measured at 3ft from the unit and reduces by 6dBa every time the distance doubles. The boundary line is approximately 6ft from the condensing units therefore the sound would be reduced to 47-52dBA.

Thanks,



From: Mark Sengelmann [mailto:mark@alphaarchitects.com]
Sent: Monday, September 26, 2016 3:42 PM
To: Will; Scott
Cc: Patrick Cotter
Subject: RE: 415 Cumberland Ave Planning Board items

Will/ Scott/Patrick,

Planning Board is tomorrow night. Can you get me documentation on the 2 types of HVAC max sound output today? Also can you make the attached lighting updates ASAP?

Mark

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