Ann Machado - 409 Cumberland Ave - HVAC Permit

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 01/14/15

From: Craig Hill <chill@wright-ryan.com>
To: "amachado@portlandmaine.gov" <amachado@portlandmaine.gov>
Date: 1/13/2015 4:22 PM
Subject: 409 Cumberland Ave - HVAC Permit
CC: Aaron St.Pierre <aaron@ranormech.com>
Attachments: 409 - RTU Decibel Plan.pdf; 409 - RTU Decibel Plan 2.pdf; 409 - RTU Decibel Back Up.pdf

---

Good Afternoon Ann,

Thanks for taking the time to meet with me. As discussed, please see attached documents detailing our decibel ratings for our equipment and how they reduce towards the property line.

As discussed the greatest Decibel level we have for our roof top equipment is 66dba. This decibel level is at 5'-0" away from the unit itself. As you double the distance away from the unit, in each increment this decibel level decreases by 6.02 decibels. Therefore at 20'-0" away from the unit we are at 54 decibels which meets the code requirement. The only location on the building that this varies on is at the side nearest mechanic street. At this location we are +/- 16' to the edge of our building/property line so to meet code our the decibel level would be met approx.. 3'-4' into the sidewalk which is a public right of way adjacent to a street. Therefore no abutters are adjacent to the building.

If there are any issues please let me know otherwise I would appreciate your efforts to push this through approval.

Thanks,
Craig Hill
Project Manager
Wright-Ryan Construction, Inc.
10 Danforth St
Portland, Me 04101
Office - 207-773-3625
Cell - 207-650-8089
Fax - 207-773-5173