

METROPOLITAN AREA BUILDING & CONSTRUCTION DEPARTMENT (MABCD)

BOARD OF APPEALS OF REFRIGERATION, AIR CONDITIONING, WARM AIR HEATING and BOILERS

Minutes

February 6th, 2020

Present: Randy Holm, Phil Sewell, Roger Loewenstein, Luke Parthemer, Ron Love, Frank Rash, Joe Samia

Absent: None

Staff: Stoney Nethercot, w/MABCD

Guest: Jesse Kealy, Doug Wegerer, Bryan Ward

The meeting was called to order by Chairman Randy Holm at 9:06 a.m.

Board Member Luke Parthemer made a motion to approve the January 9th, 2020 minutes, Board Member Ron Love seconded the motion. Motion carried (7 – 0).

Public Agenda:

Doug Wegerer and Bryan Ward, PE Mechanical Engineers from LK Architecture, were present to request a variance from section 403.2 of the 2018 International Mechanical Code (IMC). The request was to utilize Bipolar Ionization along with ASHRAE 62.1 Indoor Air Quality (IAQ) procedure to meet requirements for the Catholic Charities Adult Daycare Services located at 2235 W. 37th North. The request was to reduce the minimum ventilation rates found in ASHRAE 62.1 – 2016 Tabl 6.2.2.1 by implementing bipolar ionization to reduce particulates, control odors, and kill mold, bacteria, viruses and pathogens in each space. The board watched a video on the Bi-Polar Filterless Cold Plasma Air Purifier, reviewed manuals, client testimonies/reviews, and a spreadsheet showing calculations of version 1.5 running through ASHRAE 62.1-2016. This generated much discussion on the maintenance, location, CO2 monitors, and the combination of mechanical/natural ventilation that would be in conjunction with the Bi-Polar units. Board member Phil Sewell made a motion to accept the variance as it meets the procedure laid out in the exception 403.2 of the 2018 IMC. Board member Ron Love seconded the motion. Motioned carried 7-0. During discussion after the motion it was decided that a variance was not necessary as the proposed solution meets existing code 403.2 exceptions for an engineered solution. Phil Sewell suspended his motion for a variance due to the boards discussion among members and the two presenting engineers it became obvious that the engineered solution was within allowed exceptions in our existing code.

At 10:39 AM Chairman Randy Holmes made a motion to table Old Business due to the time and add it to the March 5th, 2020 meeting.

Board member Phil Sewell motioned to adjourn the meeting, Board Member Roger Loewenstein seconded the motion, and the motion carried (7-0)

Respectfully Submitted,
Stoney Nethercot
Chief Mechanical Inspector
Secretary, Board of Mechanical Appeals.