JMG CONSULTANTS, INC.
Seismic Design Specialists
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5/26/2023

Mr. Bryson Allen
nVent/Caddy
31700 Solon Road
Solon OH, 44139

RE: ID #6221 – Lathers Clip Testing for NYC Building Compliance

Mr. Allen,

On Friday, May 12, 2023, I was witness to a laboratory testing for the purpose of determining the efficacy of the nVent/ Caddy product type Lathers Channel to Rod/Wire Clip with regard to meeting the requirements as set forth by the NYC Building Code. The code reference is as follows:

SECTION 3 – DESIGN (of RS 5-16, 1968)

3.2 The hangers shall be spaced at 4'–6" or less on centers. Each hanger shall be capable of carrying all loads suspended therefrom plus an additional 200 pounds located at midspan. The midspan deflection as attested in accordance with the test method described in Section 6 of this standard or as calculated shall not exceed 1/360 of the span. The connections of the carrying channel to the hangers shall be adequate for the load supported by the carrying channel plus 200 pounds.

Using the standard 4'-0" o.c. spacing at 5 lbs/sf, we get a loading of 80 lbs/hanger (16 sf x 5 lbs/sf). Adding the addition 200 pounds loading, as per code, a tested loading of 280 lbs/hanger would be required. As attested to during the lab procedure, the Lathers Channels were taken to and successfully able to support a maximum load recorded at 604 lbs.

While an additional three (3) products were tested during the procedure, the major objective was to determine whether or not the 4B15LS Lathers Channel was capable of withstanding a loading of 280 pounds in order to satisfy the NYC Design requirement as put forth by RS 5-16, 1968. As the data attested to, this requirement was satisfied.

If you have any questions, please do not hesitate to contact me.

Sincerely,

JMG CONSULTANTS, INC.

Jay M. Guerin

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President

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