



38 Front Street FL 3, Worcester, MA 01608

Office: 508.797.0333

August 22, 2019

Ms. Katie Crockett, AIA
Lamoureux Pagano Associates Architects
108 Grove Street, Suite 300
Worcester, MA 01605

RE: Beal Elementary School
Shrewsbury, MA

Dear Ms. Crockett,

Our office has determined that the video surveillance cameras at Beal Elementary School be specified as a proprietary item. The video surveillance cameras shall be manufactured by Axis.

The Town currently utilizes Axis cameras as its standard. It would be in the best interest of the Town to expand the system for ease of use and familiarity as well as maintenance and training.

If you have any questions or concerns regarding this matter, please contact our office at your earliest convenience.

Cordially,

Azim Rawji, P.E.
Principal



August 7, 2019

Ms. Katie Crockett
Lamoureux • Pagano Assoc., Arch.
108 Grove Street
Worcester, MA 01605

Re: Proprietary HVAC Control Letter for the Beal Elementary School in Shrewsbury, MA

Dear Ms. Crockett:

As requested, the following letter briefly describes some of the technical reasons for the school to elect to make a proprietary vote to utilize Johnson Control FX line of equipment for the HVAC system controls at the new Beal Elementary school.

In conversations with Keith Baldinger – Public Buildings Division Manager for the Town of Shrewsbury, we understand the Town is in the process of migrating all the town building HVAC controls over to a Johnson Control Facility Explorer® based system with centralized front-end. The benefits to the town for proprietary specifying this type of system of the new Beal Elementary school are as follows:

1. The Johnson Controls Facility Explorer® (FX) line would readily integrate into the town's current control migration plan.
2. The Johnson Control (FX) controllers utilize standard BACnet protocol for open communication with various third-party BAS products.
3. Unlike the Johnson Controls Metasys® line which is supported via limited regional Jonson Controls corporate field offices, the Johnson Controls Facility Explorer® (FX) line is supported by several Authorized Building Controls Specialists (ABCS) throughout the region. This allows for competitive bidding while maintaining consistent product quality.
4. The Johnson Control FX line can be programmed and serviced via several ABCS control companies in the region in lieu of just the local regional office as would be the case with the Metasys® line.

Sincerely,
Seaman Engineering Corporation

Kevin R. Seaman (e-signature)

Kevin R. Seaman, P.E. LEED® AP
President