

TO: Select Board
School Committee
Building Commission

FROM: Charles A. Simmons, Director of Public Buildings

SUBJECT: John R. Pierce School Proprietary Items

DATE: DATE

After careful consultation with the Design Team and Town Staff, the following is a list of items proposed to be proprietary for inclusion in the referenced project. All of the items are recommended so as to be consistent with materials or systems currently in use in the Town of Brookline. Inclusion of these items as proprietary is in the public interest for ease and cost of maintenance, operations and/or replacements. In addition to the items below, there will likely be security and IT additions that will come out in the next round of security and IT programming meetings.

You are asked to vote the following proprietary items:

Door Hardware:

- Mortise Locksets – Schlage
- Cylindrical Locksets – Arrow
- Closures – LCN
- Exit Devices – Von Duprin
- Cylinder Cores – Modeco small format IC Mark 4 System

Speakers:

- Valcom IP

Fire Alarm:

- Fire Alarm Panel – Notifier
- Box NAPCO Starlink

Security:

- Keycard System – AMAG Technologies
- DOOR Entry Intercom System – Aiphone

Civil/Site:

- Water Valve Boxes – East Jordan Iron Works model 8555 Slip Type 2 Piece Valve Box Set: 36B Bottom, 26T top with shifting flange, black coated water cover New England Standard
- Manhole Frame – East Jordan Iron Works model 2248Z Frame LA248-5
- Manhole Cover – East Jordan Iron Works model 2248C Cover Town of Brookline Standard
- Frame – East Jordan Iron Works model 7278Z Type C Frame
- Catch Basin Grate – East Jordan Iron Works model 7278M2 Grate L27DG3 STD
- Catch Basin Cascade Frames and Grates - East Jordan Iron Works 24x24x8 HVY FR Cascade L GR 8”

- Pre-formed Reflectorized Thermo Plastic Traffic Markings – PreMark with ViziGrip by Ennis Flint
- Stamped Colorized Brick Pattern – TrafficPatternsXD, offset brick pattern, brick red color by Ennis Flint
- Tape Inlay – 3M “Stamark” 380I E (inlay) by 3M

Traffic and Transportation-

- Red Brick For Crosswalks – IMPRINT by Felix A, Marino
- Delineator Posts – 36” EAC City Posts by Pexco
- Rectangular Rapid Flashing Beacon - Tapco RRFB-XL2 System
- School Zone Flasher – School Zone Signal by Ocean State Signal
- Speed Display Board – RU2 Fast-275 Radar Speed Sign with all options including Red/Blue Flashing Bars
- Traffic signal Vehicle/Bicycle Detection – Vantage Next by Iteris
- APS Pedestrian Button - iNS iNavigator (3-Wire)
- Pavement Marking Symbols – Pre Mark with Vizi Grip by Ennis Flint (Preformed Thermoplastic)

Building Automated Controls-

- Johnson Control’s Metasys Automated Temperature Controls

September 7, 2022

Mr. Tony Guigli
Project Manager
Building Department
333 Washington Street
Brookline, MA 02445

Re: John R. Pierce School Project
Proprietary Items List

Dear Mr. Guigli,

LeftField has reviewed the Proprietary Items List proposed for inclusion in the John R. Pierce School Project and recommends approval of these items based on discussions with the Design Team, Brookline Building Department, School Department and other Town and School Staff. LeftField agrees that the inclusion of the proprietary items is in the public interest due to ease and cost of maintenance and operations.

LeftField therefore recommends that the Town of Brookline approve the list of proprietary items provided via memo dated DATE from Director of Public Buildings, Charles A. Simmons.

Should you have any questions regarding this recommendation of approval, please contact me.

Sincerely,



Jennifer Carlson, LeftField, LLC

Cc: Jim Rogers, LeftField, LLC
Lynn Stapleton, AIA, LEED AP B D + C, LeftField, LLC
Andrew Deschenes, LeftField, LLC
Adele Sands, LeftField, LLC



TOWN of BROOKLINE

Massachusetts

BUILDING DEPARTMENT

Charles A. Simmons
Director of Public Buildings

TO: Select Board
School Committee
Building Commission

FROM: Charles A. Simmons, Director of Public Buildings *CAS*
SUBJECT: Driscoll School Proprietary Items
DATE: December 1, 2020

After careful consultation with the Design Team and Town Staff, the following is a list of items proposed to be proprietary for inclusion in the referenced project. All of the items are recommended so as to be consistent with materials or systems currently in use in the Town of Brookline. Inclusion of these items as proprietary is in the public interest for ease and cost of maintenance, operations and/or replacements. In addition to the items below, there will likely be security and IT additions that will come out in the next round of security and IT programming meetings.

You are asked to vote the following proprietary items:

Door Hardware:

- Mortise Locksets – Schlage/Alegion
- Cylindrical Locksets – Schlage/Alegion
- Closures – LCN
- Exit Devices – Von Duprin
- Cylinder Cores – Modeco small format IC x 4 System

Speakers:

- Valcom IP

Fire Alarm:

- Fire Alarm Communication – Notifier
- NAPCO Starlink

Security:

- Keycard System – AMAG Technologies
- DOOR Entry Intercom System – Airphone

333 Washington Street, Brookline, Massachusetts 02445
Tel: (617) 730-2420 Fax: (617) 739-7542
Email – csimmons@brooklinema.gov

Civil/Site:

- Water Valve Boxes – East Jordan Iron Works model 8555 Slip Type 2 Piece Valve Box Set: 36B Bottom, 26T top with shifting flange, black coated water cover New England Standard
- Manhole Frame – East Jordan Iron Works model 2248Z Frame LA248-5
- Manhole Cover – East Jordan Iron Works model 2248C Cover Town of Brookline Standard
- Frame – East Jordan Iron Works model 7278Z Type C Frame
- Catch Basin Grate – East Jordan Iron Works model 7278M2 Grate L27DG3 STD
- Catch Basin Cascade Frames and Grates - East Jordan Iron Works 24x24x8 HVY FR Cascade L GR 8”
- Pre-formed Reflectorized Thermo Plastic Traffic Markings – PreMark with ViziGrip by Ennis Flint
- Stamped Colorized Brick Pattern – TrafficPatternsXD, offset brick pattern, brick red color by Ennis Flint
- Tape Inlay – 3M “Stamark” 380I E (inlay) by 3M

Geothermal Wells-

- High-Performance Geo Xchange (HPGX) (aka RYGAN) closed-loop geothermal wells

Traffic and Transportation-

- Red Brick For Crosswalk at Washington and Salisbury – IMPRINT by Felix A, Marino
- Delineator Posts – 36” EAC City Posts by Pexco
- Rectangular Rapid Flashing Beacon - Tapco RRFB-XL2 System
- School Zone Flasher – School Zone Signal by Ocean State Signal
- Speed Display Board – RU2 Fast-275 Radar Speed Sign with all options including Red/Blue Flashing Bars
- Traffic signal Vehicle/Bicycle Detection – Vantage Next by Iteris
- APS Pedestrian Button - iNS iNavigator (3-Wire)
- Pavement Marking Symbols – Pre Mark with Vizi Grip by Ennis Flint (Preformed Thermoplastic)

Building Automated Controls-

- Johnson Control’s Metasys Automated Temperature Controls

Charging Stations-

- ChargePoint EV Pedestals Level 2 Dual port w/18’ cord and cell modem Communications.



TOWN of BROOKLINE

Massachusetts

BUILDING DEPARTMENT

Charles A. Simmons
Director of Public Buildings

TO: Building Commission, School Committee and Select board
FROM: Charles A. Simmons, Director of Public Buildings
SUBJECT: Driscoll Proprietary list - supplement
DATE : December 10, 2020

I would like to offer the following in regards to the following proprietary items and their justification for a proprietary vote.

Door Hardware

The Town has voted for these same proprietary door hardware items for many years on various school or Town Projects.

Locksets – Schlage/Alegion

The Town has a Master Key Plan. It is based on Schlage for interior doors. By having a standard lock, all the Town's master keys and submaster keys would be able to work at this school. If this did not happen, staff would need to carry another set of keys. If this was extended to all buildings, there would be a situation where staff would need to carry hundreds of keys. Schlage is a common lock/cylinder. There are multiple sources to purchase this make of cylinder.

Cylinder Cores – Medeco, small format

The justification for Medeco equipment is similar to the locksets. The Town has a Master Key Plan. It is based on Medeco for exterior doors. Medeco is a high security keyway system. Blanks need to be signed off individually. By having a standard lock, all the Town's master keys and submaster keys would be able to work at this school. If this did not happen, staff would need to carry another set of keys. If this was extended to all buildings, there would be a situation where staff would need to carry hundreds of keys. Medeco is a common high security lock/cylinder

Closers - LCN

A majority of the door closures used in the Town are LCN. By having one company, there are many benefits. Staff is very familiar with repairs (which we do ourselves) and door closures, especially in the schools, do require high maintenance, the parts would be interchangeable. There are many LCN dealers that can supply the product. It is a very common product.



TOWN of BROOKLINE

Massachusetts

BUILDING DEPARTMENT

Charles A. Simmons
Director of Public Buildings

Exit Devices – Von Duprin

The justification for Von Duprin equipment is similar to closers. 99% of the door exit devices used in the Town are Von Duprin. By having one company, there are many benefits. Staff is very familiar with repairs (which we do ourselves) and door closures, especially in the schools, do require high maintenance, the parts would be interchangeable. There are many Von Duprin dealers that can supply the product. It is a very common product.

Security

Keycard System – AMAG

The Town uses a standard keycard security. If a different vendor were used, their keycard system would not be compatible with what the Town is using and staff would need to carry two sets of keycards. This is not practical and would be a security concern. AMAG can be sold and installed by multiple dealers.

Door Entry - Aiphone

This system is used primarily by the schools to control access to their building with a simple visual and audio system. Staff have all been trained and are very familiar and comfortable with the equipment.

These parts can be changed out easily if needed and we can replace broken parts with parts from other units that we already have.

Aiphones can be furnished and installed by multiple dealers in the area.

Building Automated Controls – Johnson Controls

Johnson Controls is the Town's primary vendor for BAC systems. This is the Energy Management System which controls the Town and Schools HVAC and other related equipment. If a different company's system were installed at the school, it would not be compatible with the rest of the EMS architecture. It would require its own server. It would be separate, stand alone system. This would create more costs for equipment and more time to separately program and monitor the system.

There are multiple vendors that can install and program the Johnson system. The Town buys replacement and new Johnson equipment from a federal contract. We also install the equipment ourselves.

Fire Alarm

Panel – Notifier

All buildings in Town have Notifier fire alarm panels. This was standardized many years ago so that fire personnel and on site building staff, if they went to different buildings, would be familiar with these panels and how they function. This would be essential in case of a fire emergency and time is of the essence. The operations of these panels are essentially the same building to building.

Notifier is owned by Honeywell. The equipment is competitively priced. There are multiple dealers that can supply the panels. There are multiple contractors that can install these panels. There are multiple Notifier approved programming companies that can set up and program the panels.

Communications – Star Link

The Town has recently disconnected the old hard wired master boxes which would send a signal through town owned, underground wires to the Fire Department if a fire alarm went off in a building. This system was deemed antiquated and the Fire Chief requested that all building owners in Brookline remove their master boxes and install an alternative communication system. The Town standardized with Star Link communicators. These devices are readily available from multiple dealers, are priced competitively and can be installed by multiple companies.



BROOKLINE INFORMATION TECHNOLOGY DEPARTMENT

To: Tony Guigli

From: Feng Yang and Zeray Assefa

Date: December 11, 2020

Re: Driscoll School Proprietary Items

Speakers: Valcom IP

Valcom Informacast is compatible with integral components of the Town of Brookline's existing PAVOIP system and is necessary to support the Public Schools of Brookline.

In summary, the three conditions are:

- Compatibility
- Maintainability
- Standardization



TOWN OF BROOKLINE
Massachusetts
DEPARTMENT OF PUBLIC WORKS

Erin Chute Gallentine
Commissioner

TO: Building Commission, School Committee and Select Board
FROM: Erin Chute Gallentine, Commissioner of Public Works
SUBJECT: Driscoll Proprietary list – DPW Civil/Site
DATE : December 15, 2020

I would like to offer the following in regards to the following proprietary items and their justification for a proprietary vote.

These items are proprietary for the following reasons: 1) The Water & Sewer Division have found them to be the best performing; 2) the Water & Sewer Division exclusively purchases and stocks these items; and 3) the Water & Sewer Division stocks replacement parts for future maintenance.

- Water Valve Boxes - East Jordan Iron Works model 8555 Slip Type 2 Piece Valve Box Set: 36B Bottom, 26T top with shifting flange, black coated water cover New England Standard
- Manhole Frame - East Jordan Iron Works model 2248Z Frame LA248-5
- Manhole Cover - East Jordan Iron Works model 2248C Cover Town of Brookline Standard
- Frame - East Jordan Iron Works model 7278Z Type C Frame
- Catch Basin Grate - East Jordan Iron Works model 7278M2 Grate L27DG3 STD
- Catch Basin Cascade Frames and Grates - East Jordan Iron Works 24x24x8 HVY FR Cascade L GR 8"
- Mechanical Joint Tapping Sleeves (Stainless Steel, Flange End), Mueller H-304SS
- Tapping Valves -Mechanical Joint x Flange End, Mueller T-2361-16
- Resilient Seat Gate Valves -Mechanical Joint x Mechanical Joint, Mueller A-2361-20
- Fire Hydrants -5 1/2 Foot Depth of Bury, Mueller Super Centurion 250 A-423, or 5 1/2 Foot Depth of Bury, American Darling 5-1/4" B-84-B-5

- Joint Restraint Systems, Star
- All water pipe 4" and larger shall be Cement Lined Ductile Iron Class 56.
- All service pipes 2" or less shall be Type "K" Copper.
- All service fittings 2" or less shall be Mueller 110 Compression Type.
- All Hydrants, Valves and Curb Stops shall be Open Right.
- All Fittings 4" and larger shall be Mechanical Joint, Cement Lined (Double Thickness), Ductile Iron, with Asphaltic Seal Coat inside and out and 250 PSI rated.



TOWN OF BROOKLINE
Massachusetts
DEPARTMENT OF PUBLIC WORKS

Erin Chute Gallentine
Commissioner

TO: Building Commission, School Committee and Select board
FROM: Erin Chute Gallentine, Commissioner of Public Works
SUBJECT: Driscoll Proprietary list - supplement
DATE : December 15, 2020

I would like to offer the following in regards to the following proprietary items and their justification for a proprietary vote.

Traffic & Transportation:

The Town has voted for these same proprietary items for many years on related work on the public way performed as part of School or Town Projects.

36" EAC City Posts by Pexco – Based on its demonstrated durability and longevity, it has become the adopted Town standard used for delineator posts in separated bike/LIT lanes. The Department of Public Works exclusively stocks replacement parts for this manufacturer for future maintenance and town staff are trained on their installation, maintenance, and removal.

Tapco RRFB-XL2 Solar Powered System – Based on its effectiveness and ability to meet ADA and Town desired operations including solar power and spot light, it has become the adopted Town standard used for RRFB installations townwide. The Department of Public Works exclusively stocks replacement parts for this manufacturer for future maintenance and Town staff are trained on their maintenance.

School Zone Signal System by Ocean State Signal - It has become the adopted Town standard used for School Zone Signal installations townwide. The Department of Public Works exclusively stocks replacement parts for this manufacturer for future maintenance and Town staff are trained on their maintenance.

RU2 Fast-275 Radar Speed Sign with all options including Red/Blue Flashing Bars - Based on its demonstrated effectiveness in speed reduction and other Town desired operations, it has become the adopted Town standard used for Radar Speed display boards townwide. The Department of Public Works exclusively stocks replacement parts for this manufacturer for future maintenance and Town staff are trained on their maintenance.

Vantage Next by Iteris - Based on its effectiveness, it has become the adopted Town standard used for traffic signal vehicle and bike detection townwide. The Department of Public Works exclusively stocks replacement parts for this manufacturer for future maintenance and Town staff are trained on their maintenance.

iNS iNavigator (3-wire) - Based on its effectiveness and ability to meet ADA and Town desired operations, it has become the adopted Town standard used for Accessible Pedestrian Push Buttons at all traffic signal locations townwide. The Department of Public Works exclusively stocks replacement parts for this manufacturer for future maintenance and Town staff are trained on their maintenance.

Pre Mark with Vizi Grip by Ennis Flint - Based on its demonstrated durability and longevity, it has become the adopted Town standard used for all preformed thermoplastic pavement marking symbols townwide.

IMPRINT by Felix A. Marino – Based on its demonstrated durability and longevity, it has become the adopted Town standard used for red brick crosswalks on arterial and high volume collector roadways townwide.

TrafficPatternsXD - Based on its demonstrated durability and longevity, it has become the adopted Town standard used for red brick and other designed crosswalks on collector and local roadways townwide.

3M “Starmark” 380I E(inlay) by 3M - Based on its demonstrated durability and longevity, it has become the adopted Town standard used for crosswalk markings townwide when installed in conjunction with new roadway surface treatments.

Chargepoint CT4021 6' Bollard Dual 18' Cord with cell modem communications and extended parts & on-site labor warrant - Based on its demonstrated durability and longevity, as well as its integrated online network management system, it has become the adopted Town standard used for all EV Charging Stations installed on public property that are owned, operated, and maintained by the Town.