

Agenda

- I. ***Mission – To create and foster a learning community that prepares children to be flexible, lifelong learners, and responsible global citizens.***

Vision – To empower and inspire future leaders who will positively impact our world.

2025/26 Goals

Student Growth and Success – To promote and foster high expectations for student growth, active learning and academic excellence for all learners.

Community – To foster a strong sense of community through collaboration and communication.

II. **Preliminary Business / Motions**

- A. Call to Order
- B. Pledge of Allegiance
- C. Correspondence - *Correspondence may be submitted via email no later than 4:00 PM on the day of the meeting to mdegennaro@woodbridgeps.org*
- D. Public Comment - *The Board welcomes public participation. We ask that speakers please limit their comments to three minutes. Please be aware that the Board will not respond to any comments made during the public comment period, except to clarify issues, but we will take into consideration your comments, and when appropriate, district administration will follow-up with you at a later point in time. Public Comment may be submitted electronically to mdegennaro@woodbridgeps.org*

III. **Consent Agenda**

- A. Approval of Minutes from the February 26 Regular Meeting
- B. Budget Narrative Report
- C. Budget Summary Report
- D. Budget Detail Report
- E. Combining Financial Statements
- F. Accept Policies for 30-Day Review
 - 1. 1000 - Concept and Roles in Community Relations
 - 2. 1100 - School/Community Relations
 - 3. 1110 - Communications among the WBOE, Administration, Parents and Staff at BRS
 - 4. 1110.1 - Parent Involvement
 - 5. 1111 - Use of Education Television Channel
 - 6. 1112 - News Media Relationships (Public Press, Radio & TV)

7. 1120 - Public Participation at WBOE Meetings
8. 1210 - School/Community Associations
9. 1212 - School Volunteers and Student Interns
10. 1220 - Citizens' Advisory Committees
11. 1250 - Visits to Schools
12. 1251 - Loitering or Causing Disturbances
13. 1311.1 - Political Activities of School Employees

IV. Reports

- A. Board Member Appreciation
- B. Superintendent's Report
 1. BRS Update
- C. Facilities Committee Report
- D. BRS Infrastructure Building Committee
 1. Approved Revised Ed-Specs
 2. Appoint Communications Consultant
- E. Finance Committee
- F. Policy Committee
- G. CABA Liaison Report
- H. Upcoming Meeting Presentation(s): IT / PBL

V. New Business

- A. Healthy Food Certification

VI. Other

- A. Public Comment - *The Board welcomes public participation. We ask that speakers please limit their comments to three minutes. Please be aware that the Board will not respond to any comments made during the public comment period, except to clarify issues, but we will take into consideration your comments, and when appropriate, district administration will follow-up with you at a later point in time.*
- B. Executive Session, in accordance with State Statute

VII. Adjournment



Marsha DeGennaro <mdegennaro@woodbridgeps.org>

[External Email] Public comment/correspondence to the WBOE

1 message

Sheila McCreven <sheila.mccreven@gmail.com>

Mon, Mar 16, 2026 at 3:46 PM

To: Marsha DeGennaro <mdegennaro@woodbridgeps.org>

Cc: Christopher Montini <cmontini@woodbridgeps.org>

Dear Marsha,

Please consider the attached letter and Scope Document as correspondence/public comment for the WBOE at tonight's meeting.

Should it be determined that the Scope Document contains information that should remain confidential, please mark it accordingly and distribute in a manner that is non-public. I think the letter and table should be fine as a public-facing document.

Many thanks, as always.

S.

2 attachments



Beecher_prior_work_with_table.pdf

148K



Beecher_TBC_Scope_2014-03-11.pdf

3099K

To: Woodbridge Board of Education

From: Sheila McCreven

Date: March 16, 2026

Subject: Clarification of Prior Capital Work at Beecher Road School included in the 2015–2016 Renovation Project

Dear WBOE members,

As the Board prepares to consider the scope of the proposed Beecher Road School capital project, it is important that the record accurately reflect the work completed during the 2015–2016 renovation project. The attached scope document from that project details extensive upgrades to major building systems across several wings of the school.

Ensuring that this work is clearly recognized in the current planning documents will help support a more accurate assessment of remaining needs and priorities.

Summary of Key Work Completed in the 2015–2016 Renovation

The 2015–2016 renovation addressed major building systems including HVAC infrastructure, lighting and electrical systems, building controls, portions of the building envelope, renewable energy systems, and plumbing upgrades.

Mechanical Systems and Introduction of Air Conditioning

Prior to the 2015–2016 renovation, Beecher Road School did not have comprehensive air conditioning serving classroom spaces. The renovation introduced central air-conditioning capability for the building through installation of a central chilled-water system including a 100-ton air-cooled chiller, pumps, and chilled water distribution piping. Classroom ventilation systems were replaced in the A, B, and C wings, and major air-handling equipment was upgraded. These improvements introduced mechanical cooling capability throughout the building.

Other Major Systems Upgraded

Additional work completed during the renovation included installation of a digital building automation system, lighting retrofits with occupancy sensors, replacement of electrical transformers, curtain wall replacement in portions of the A, B, and C wings, roof replacement in designated roof areas (commonly described as the north building section), plumbing fixture upgrades, and installation of renewable energy systems including rooftop solar panels and a micro-turbine system.

Importance for Current Project Planning

As the Board evaluates the scope of the proposed capital project, it may be helpful to ensure that planning documents clearly distinguish between systems already replaced or modernized during the 2015–2016 renovation and systems that remain in need of replacement. Accurately reflecting prior capital investments will support more informed decision-making.

See attached Project Scope document for details.

Appendix A – Summary of Prior Work vs. Current Scope Considerations

System / Building Component	Work Completed in 2015–2016 Renovation	Implication for Current Planning
Air Conditioning / Cooling	Central chilled-water system installed; building gained mechanical air-conditioning capability	Planning documents should acknowledge that central cooling infrastructure was installed during the renovation
Classroom Ventilation	Unit ventilators replaced in A, B, and C wings	These systems were modernized during the renovation
Mechanical Plant	New 100-ton chiller, pumps, and distribution piping installed	Major cooling infrastructure already upgraded
Pool Mechanical System	Oil-fired system removed; new high-efficiency gas boiler installed	Pool mechanical system already converted and modernized
Building Automation	Digital building automation (DDC) system installed for HVAC and building systems	Central control infrastructure already implemented
Lighting Systems	Lighting fixtures replaced and occupancy sensors installed	Energy efficiency lighting improvements already completed
Electrical Infrastructure	Transformers replaced in several building locations	Portions of electrical infrastructure already upgraded
Curtain Wall / Windows	Curtain wall systems replaced in portions of A, B, and C wings (24 openings)	Some building envelope systems already modernized
Roof	Roof replacement completed in designated areas (inc. A, B and C wings)	Roof work partially completed during renovation
Renewable Energy Systems	Solar photovoltaic array, micro-turbine, and small wind turbine installed	Energy infrastructure already added to building systems
Plumbing Fixtures	Toilets, urinals, faucets, and sinks replaced with water-efficient fixtures	Water-efficiency upgrades already implemented
Security Systems	(see documents for details)	Upgraded and enhanced

EXHIBIT A: SCOPE OF WORK

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EXHIBIT A: SCOPE OF WORK

This document details the scope of work for the measures listed in the table below.

ECM #	ECM Description
1	Lighting and Sensors Retrofit
2	Mechanical Upgrades (Fuel Switching Savings)
3	Building Control Upgrades (Full)
4	Demand Control Ventilations (CO2)
5	Building Envelope Improvement
6	Electric DHW Controls
7	Plug Load Controls
8	Walk-in & Freezer Controllers
9	Transformer Replacement
10	Water Retrofit
11	Swimming Pool Cover
12	Micro-Turbines
13	Multizone to VAV Conversion
14	UVs Replacement
15	Curtain Wall Replacement
16	Roof Replacement
17	Mechanical (Boilers, chillers, uvs, ahus, rtus)
18	Electrical Upgrades
19	Ceiling Work, relocate ductwork, sprinklers and lights
20	Wall Penetrations (included above)
21	Fire stopping (included above)
22	Temporary Protection
23	Solar PV Panels
24	Wind Turbines
25	ADD - Casework ABC & K Wing
26	Security Features & Painting
27	Window Film
28	Security Doors
29	Canopy
30	Security Access
31	Magnetic Doors
32	Wall Painting

Energy Systems Group (ESG) will furnish and install the materials and labor at Owner's facilities in accordance with the applicable engineering specifications and as identified and detailed in Exhibit A in accordance with a schedule approved by Owner.

Energy Systems Group shall be responsible for:

- Items as specified in the agreement including necessary piping and wiring of systems.
- Restoration of any facilities as changed by the system to at least substantially the same appearance and functional integrity as existed before the system was installed.

- All costs associated with labor, material, equipment, tools and supplies.
- Piping insulation as required by the addition of new piping for this project.
- Electrical work for the work as stated.
- System start-up.
- Final adjustments and operational checks.
- Project management.
- Progress meetings on intervals as agreed upon.
- Mechanical, Electrical and Energy Systems Group engineering.
- Demolition as necessary.
- Training on new equipment.
- As-Built Drawings – only for temperature controls scope
- Permits and fees
- Rigging
- Startup and Commissioning

Energy Systems Group shall not be responsible for:

- Asbestos Abatement, unless specifically included
- Anything not specifically stated herein

ASSUMPTIONS AND EXCLUSIONS

The following general assumptions and exclusions apply to all measures except where explicitly included in the scope of work.

- In the case of conflict between this scope of work and the drawings dated 11-10-2012 the written scope of work will govern.
- Full Access, escorts and parking to be provided by owner
- Project schedule includes major work activities during the summers of 2014 and 2015, assuming a contract date of March 3rd, 2014. The final completion date is scheduled for December 9, 2015.
- ESG has included specific abatement for the curtain walls (ECM 15) and roof replacement (ECM 16). Any abatement scope not specifically outlined is excluded from ESG's scope. Hazmat includes, but not limited to, mold, lead, asbestos, etc.;
- Any scope not explicitly outlined is excluded;
- Any existing infrastructure we propose to reuse is assumed to be in good working condition and hence not included in the proposed scope of work. For example:
 - Existing electrical system that is reused is adequate for new equipment and otherwise assumed to be in good condition and suitable for interconnection;
 - ESG has not included in the scope or cost replacement of defective electrical wiring or bringing any existing wiring up to current code, unless explicitly included in the scope;
 - Existing controls, valves, dampers, safeties and wiring, if reused, are assumed to be functional;

- Unless specifically noted and included in scope, such as for the micro turbine (ECM 12) or the air-cooled chiller (ECM 2), we have assumed that existing structure and load bearing capability are adequate. Any structural evaluation or strengthening not specifically identified in scope has been excluded;
- ESG's engineering scope excludes any tasks toward LEED Certification;
- Temporary lighting, heating and cooling is excluded unless at the contractor's discretion.

ECM #1 - LIGHTING AND SENSORS RETROFIT

Provide all applicable equipment, materials and labor to implement the lighting retrofit project in accordance with an in-depth lighting audit, as detailed in the line by line scope – **Exhibit A-1** attached hereto and incorporated herein by reference. Coordinate all lighting retrofit activities with the customer to minimize classroom and school activity disruptions.

1. Provide for the disposal/recycling of all replaced fixtures and lamps.
2. Lighting Retrofit Scope: Please refer to the attached lighting room-by-room audit (**Exhibit A-1**) for details of the proposed fixtures throughout the school.
3. Lighting Control scopes includes dual technology sensors use a combination of passive infrared and micro-phonics to determine the occupancy conditions in the room. This technology allows the sensors to determine occupancy in the room based on both motion and sound variations.
4. Installation will comply with IES standards
5. Provide a certificate showing the lamps and ballasts have been disposed of properly.
6. Provide 2% of attic stock for lamps and ballasts.
7. M&V requirements for the Lighting sub
8. EPACT data collection

ECM #2 MECHANICAL UPGRADES

The mechanical scopes to furnish the necessary supervision, labor, equipment and materials based on AKF Mechanical drawings¹ (M-100 to M-602) dated 11/20/2012. The scope of work of the mechanical upgrades is presented below.

A. New chilled water plant:

Install new central chilled water plant, and pumps

- Furnish and install (1) 200-ton air cooled chiller
- Furnish and install two primary chilled water pumps.
- Furnish and install support steel and enclosure for the new chiller.
- Insulate existing water piping (as necessary).
- Provide ATC services to connect the new chiller to new BMS (included in ECM #3).
- Provide new electrical circuits and modify existing wiring for the new and relocated equipment.
- New distribution (secondary) pumps and VFDs
- Existing hot water distribution piping will be used to serve both hot water and chilled water (dual temp system)

¹ Not all design details shown on the above referenced drawings are reflective of the written scope of work described in this document. For example, in drawing M-400 the micro turbine is shown on the north end, whereas the proposal is to locate the unit on the south side close to the swimming pool. The drawings will be modified as needed in the next phase of the project.

B. Replace Pool Side Oil Boilers with a Gas Boiler

- Demolish existing oil boilers
- Demolish associated oil tanks, oil pumps and piping
- Furnish and install one (1) condensing gas boiler (Aerco or equal), 143 kBtu/h input capacity
- Modify existing flue or provide new flue for the condensing boiler
- Furnish and install gas train vent piping
- Reuse existing infrastructure such as electrical, HW piping, pumps, & etc.
- Reuse, as applicable, existing concrete pad
- Furnish and install gas connection from utility termination point on the South side of school to boiler
- Provide start up for the installed system
- Provide one-time training to school staff

C. Replace existing RTUs, AHUs, H&Vs, FCU's and VAV Boxes (per AKF Mechanical drawings M-100 to M-602):

- Remove existing RTUs, AHUs and H&Vs
- Install new RTUs, AHUs ERVs, FCU's and VAV Boxes
- Re-insulate existing piping
- Provide DDC on new units (included in ECM #3)
- Re-use existing Hot Water Piping
- Install new piping for the FCU's from the hallway mains.
- Provide Test and Balance services on air and water side for the new equipment.

D. Replace existing unit ventilators (per AKF Mechanical drawings M-100 to M-602)¹:

- Replace Unit Ventilators in A, B, C and K Wing
- Hot water distribution piping to be reused
- Use existing hot water distribution piping for chilled water
- Remove and reinsulate distribution piping, with vapor barrier
- Provide Test and Balance services for the new equipment.
- Reuse existing electrical infrastructure for UV

E. Temporary protection

Provide the following items to temporarily protect the building systems and maintain conditions acceptable for building occupancy and normal use in portions of building that are being used for routine school business. Protection to include:

- Floors, walls and ceiling;
- Safety;
- Indoor air quality (IAQ) provisions for acceptable air quality in occupied space;
- Progressive and final cleaning;
- Dumpsters

F. Boiler Plant Remaining Work

ESG recently installed new boilers at the school. Remaining work in the main boiler room will be completed as reflected in AKF Drawings dated 11-20-2012.

Exclusions

- Exclude - repair of existing damage to floors, walls and ceiling;
- Exclude IAQ impact from factors not directly associated with construction;
- Exclude Temporary lighting, heating and cooling except at contractor's discretion.

ECM #3 - BUILDING CONTROL UPGRADES (FULL)

A complete Honeywell Webs DDC system per AKF Mechanical drawings (M-100 to M-602)¹ dated 11/20/2012 which includes:

1. New DDC for new boilers, chiller, hot & chilled water systems as specified.
2. New DDC for new AHU's, RTU's and ERV's.
3. New DDC for U.V.'s & FCU's.
4. New DDC for VAV boxes
5. Summer/Winter isolation valves for heating only equipment (unit heaters/cabinet heaters).
6. New DDC for exhaust fans (toilet and general).
7. Kitchen Hood Controllers
 - a) An automated DDC control system will control the hood exhaust fan, and will include the input/output processor, and keypad. Variable frequency drives will be mounted on the utility cabinet. A temperature sensor will be mounted in the exhaust duct and the optic sensor will be mounted inside the hood.
 1. Install a variable speed drive in a NEMA approved enclosure for the kitchen hood exhaust fan
 2. Provide a motion sensor and an optical sensor at the kitchen exhaust hood to determine use
 3. Provide variable speed drive control points for start/stop, speed and alarm
 4. Provide control logic and software to accomplish sequences and incorporate into DDC system
 5. Commission control components and sequences, and calibrate control loops
8. Swimming Pool
 - a. The DDC control system will monitor the pool cover and indicate when the pool cover is extended and the pool is not in use
 - b. The DDC system shall duty cycle the Natatorium Dehumidification System during these times to maintain unoccupied temperature and humidity levels.
9. ATC wiring for control points including manufacturer controls that require field wiring such as boiler limit controls, Micro Turbine, Chiller, Smoke Detectors, Occupancy Sensors, Boiler & ERV Controls.
10. Energy saving sequences to be programmed and implemented for new and existing DDC Controls.
11. Programming, commissioning and check out for a complete operational system as specified.
12. Re-commission each building system to confirm / implement the proper day / night schedules as well as the proper VFD and demand control sequences for each piece of equipment identified within
13. We have assumed the existing valves and dampers can be reused, unless specifically included in scope
14. Custom graphic screens for all new equipment & controls.

15. Training & one year warranty as specified.

Exclude:

- a. Submission of color graphics & arch' drawings locating end devices per sec.230900, p.5
- b. Uninterruptable Power Supply (UPS) per sec.230900, p.13.
- c. Monitoring of HOA status per sec.230900, p. 15.
- d. KW Meter Monitoring per sec.230900, p.21.
- e. Nema 4X enclosures for pressure transmitters per sec.230900, p.46.
- f. Leak Detection with gold plated probes per sec 230900, p.47.
- g. Airflow Measuring Stations, Printer, Fire/Smoke Dampers & Smoke Detectors.
- h. Demolition & removal of existing controls, air compressor, etc.

Sequence of Operation: - shall follow AKF's design document "230993 - Sequence of Operations 11.21.12"

Following sequence of operation shall be utilized where applicable:

1. Provide Day / Night Control (60 degree F).
 - Time of Day Scheduling.
 - Occupancy Scheduling.
2. Provide Hot Water Reset Control for the Hydronic System.
 - Monitor Outdoor Air Temperature.
 - Automatic and Override capability of Hot water Supply Temperature Setpoint.
 - Hot water Supply Temperature Indication.
 - Hot water Return Temperature Indication.
3. Provide Pump Control and Status feedback on each Hot Water Circulator Pumps.
 - On / Off Control Capability.
 - Lead / Lag Control.
 - Warm Weather Shutdown.
 - Alarm Feedback.
4. Unit Ventilators:
 - Unit Ventilator Controls: Re-commission existing Direct Digital Controls for ASHRAE Cycle 2 automatic control.
5. Roof Top Units:
 - 16 point unitary controller for temperature control and scheduling
 - Remote diagnostics for troubleshooting
6. Provide Day / Night Control for each zone.
 - Time of Day Scheduling.
 - Occupancy Scheduling.
 - Automatic Operation and Override capability of Day / Night control.
7. Provide Boiler Control.
 - On / Off Control Capability.
 - Lead / Lag Control.

- Warm Weather Shutdown.
 - Boiler Run Time Optimization
 - For the schools getting new boilers, new boilers shall be the primary boilers.
8. Provide Exhaust Fan Control.
 - On / Off Control Capability for large exhaust fans
 - Scheduling.
 - Status and alarm
 9. Swimming Pool Cover.
 - Position of pool cover as dictated by end switches.
 - Status and alarms
 10. Kitchen Hood Controllers.
 - Status and alarms.

ECM #4 – DEMAND CONTROL VENTILATIONS (CO2) – INCLUDED (IN ECM #3 BUILDING CONTROL UPGRADES)

1. ESG will furnish and install CO2 sensors in the Auditorium for interoperation with the air-handling unit via DDC control to limit the amount of entering outside air based on space demand.
2. The CO2 sensor will read the levels of CO2 in the space and ensure that only the required air is supplied to meet minimum outdoor air requirements.
 - i. Sequence of operation to include:
 - a) 1 Ventilation to handle the non-occupant related ventilation as determined via CO2 concentration
 - b) Pre Occupancy Purge
 - c) Post Occupancy flush
 - d) Outdoor air damper positioning during occupied periods
 - e) Trending indoor and outdoor CO2 on BMS system
 - f) The outside air damper shall have a minimum position of 20% (adjustable) when unit is enabled to limit CO2 levels

Provide the above sequence of operations for each unit.

ECM #5 BUILDING ENVELOPE IMPROVEMENTS

1. Weather-strip 92 standard doors
2. Weather-strip 1 garage doors
3. Seal the 1950's & 60's roof/wall intersection 1,083 linear feet
4. Seal the 1970's roof/wall intersection 1,295 linear feet
5. Install 1,295 square feet of (1) one inch thermax in the "I-beam" along the exterior wall of the 1970's section of the structure
6. Seal the 1990's roof/wall intersection 976 linear feet
7. Install 2,440 square feet of (1) one inch Thermax to close off the seams, joints and connections of the 1990's roof/wall intersection.
8. Caulk 4,000 linear feet of seams, joints and connections on the wood ceilings as directed by the blower door

9. Insulate the wall between the pool and the pool ramp with thermax (1) one inch thick 256 square feet
10. Seal the roof/wall intersection between the pool and the ramp to the pool 128 linear feet

Please refer to **Exhibit A-2** for the areas in schools receiving envelope upgrades.

ECM #6 - ELECTRIC DHW CONTROLS

ESG will install hot water controllers that will turn off the hot water heaters when the buildings are scheduled to be unoccupied. The programmable timers are capable of override and time adjustment depending upon the use of the area.

1. Turn off power to the hot water heater.
2. Install new timer (24 Hr Electronic Timer or Mechanical Timer 120V control with battery backup) control into existing circuit and mount to unit securely to wall where the existing power supply is located.
3. Program the on off period across the seven-day week.
4. Re-energize the unit and test for proper operation.

Note: The scope of work presented for ECM 6 is tied to the ultimate location of the micro turbine (MT). The scope will be modified in line with changes to the location of MT and the utilization of waste heat from the MT.

The DHW replacement scope shown on the AKF Mechanical drawings¹ (M-100 to M-602) dated 11/20/2012, is no longer included in this project, due to the relocation of the MT to the South side (pool area).

ECM #7 - PLUG LOAD CONTROLS

ESG will install remote control devices which control power to electric appliances, equipment and fixtures securely over the Internet

1. CORIS OMs (or approved equal) will be installed printers/copiers and overhead projectors
Note: Coris OMs will not be installed on computer circuits.
2. Will enable them to be turned off automatically during un-occupied hours
3. We will provide installation and training, product support and alarm monitoring for the duration of the project.

ECM #8 - WALK IN FREEZER AND COOLER CONTROLLERS

1. Install a controller refrigeration sensor as manufactured by Intellidyne, to reduce the compressor cycles of the kitchen walk-in coolers and freezer. The installation of this ECM will have no negative impact on system operation and freezing of food products.
2. Furnish and install Intellidyne, or equal, Controllers on one (1) walk-in coolers and one (1) walk-in freezer
3. Provide all electrical work as required for a complete system.
4. Start-up, test and commission.

ECM # 9 - TRANSFORMER REPLACEMENT

ESG will replace the existing standard-efficiency transformers with high efficiency transformers. Transformers are electrical equipment designed to convert (step up or step down) one alternating current (AC) voltage to another. The proposed transformers will be Power Smiths High Efficiency K-Star Harmonic Mitigating units with aluminum windings. They are Energy-Star rated and meet the new TP1 Law requiring replacement of transformers of 600 volts or under.

Location	Qty.	kVA	Primary	Secondary
Electrical / Boiler Room	1	150	480 Delta	208/120
Electrical / Boiler Room	1	112.5	480 Delta	208/120
Kitchen Basement	1	150	480 Delta	208/120
Janitor's Closet	1	30	480 Delta	208/120
Custodian Office Closet	1	45	480 Delta	208/120
Custodian Office Closet	1	15	480 Delta	208/120
Gym Storage	1	45	480 Delta	208/120

Per Transformer Unit:

- Shut off the main electric power to the transformer to be replaced
- Disconnect and remove the existing transformer
- Install replacement unit
- Turn power back on
- Inspect unit operation by performing electrical and harmonics testing
- Dispose old transformers off properly.
- Reuse existing pad or support for transformer units as applicable

ECM # 10 - WATER RETROFIT

ESG recommends the replacement of high-flow plumbing fixtures (faucets, urinals, toilets and showerheads) with low-flow fixtures. The spreadsheet below specifies the scope of work for the water conservation measures.

Below is a summary of the scope.

1. Remove existing floor mount, flushometer toilets and replace with new 1.28 gallon per flush toilets and new flush valve.
2. Remove existing wall mount, flushometer toilets and replace with new 1.28 gallon per flush toilets and new flush valve.
3. Install ½ -gallon per minute moderators on existing standard and infra-red lavatory faucets.
4. Retrofit existing urinal valves with ½ -gallon per flush retrofit kits.

5. ADA Sinks - Replace kitchen type sinks with faucets in a new counter top
6. Include pre and post M&V measurements

ROOM BY ROOM SURVEY INFORMATION									
ID	Room	Existing Fixture Description	Existing Qty	Existing Usage	Units	Measure Description	Qty Upgraded	New gal / unit	Gallons Saved per Unit
1	Restroom	Closet Floor Elongated Sloan	49	3.5	per flush	New floor mounted elongated bowl and new 1.28 gpf valve	49	1.3	2.2
2	Restroom	Closet Wall Elongated Sloan	9	3.5	per flush	New wall mounted elongated bowl with new 1.28 gpf valve	9	1.3	2.2
3	Restroom	Closet Floor Elongated Sloan	6	1.6	per flush	New wall mounted elongated bowl with new 1.28 gpf valve	6	1.3	0.3
4	Restroom	Lavatory Sink 4" Standard	43	2.2	per minute	Retrofit with 0.5 gpm vandal proof spray moderator	43	0.5	1.7
5	Restroom	Lavatory Sink 4" IR	17	2.2	per minute	Retrofit with 0.5 gpm vandal proof spray moderator	17	0.5	1.7
6	Restroom	Lavatory Sink Gang Foot Pedal	3	0.5	per minute	Don't Do	0	0.5	0.0
7	Restroom	Urinal Wall Round Sloan	8	1.5	per flush	Retrofit existing valve with .5 gpf kit	8	0.5	1.0
8	Restroom	Shower Brass Standard	23	2.0	per minute	Don't Do	0	2.0	0.0
9	Restroom	Shower Brass Standard	3	2.5	per minute	Don't Do	0	2.5	0.0

ECM# 11 - SWIMMING POOL COVER

Furnish and install a Pool cover for the swimming pool

1. Install one swimming pool blanket and motorized reel
2. Provide power and safety controls to operate the reel assembly
3. Install signs warning people not to use pool when cover is on
4. Train staff on advantages of pool cover and the mechanics of use
5. The DDC control system will monitor the pool cover and indicate when the pool cover is extended and the pool is not in use.
6. The DDC system shall duty cycle the Natatorium Dehumidification System during these times to maintain unoccupied temperature and humidity levels.

Customer Responsibilities:

1. Back stroke flags/pennants MUST be removed prior to on/off of blankets.
2. Lane lines should be removed prior to on/off of blankets.
3. Remove pool ladder from blanket path.

ECM#12 - MICRO-TURBINE

Micro Turbine (MT) - Capstone 65 kW (nominal) micro-turbine system

1. New MT for dual purpose to operate as a back-up generator
2. MT to be located by the South Side by the Pool Mechanical Room
3. Provide as needed appropriate structural support for the MT
4. Furnish and install gas connection from utility termination point on the South side to the MT
5. Provide piping connection to pool water heating for heat recovery off the turbine
6. Provide start up for the installed system
7. Provide one-time training to school staff

NOTE: Emergency Circuits - Scope details are pending for interconnecting the MT to existing emergency circuits. ESG has included an allowance in the construction cost for the interconnection.

ECM # 13 - MULTI-ZONE TO VAV CONVERSION – INCLUDED IN MECHANICAL ECM (as per AKF Mechanical drawings (M-100 to M-602)¹ dated 11/20/2012)

Please refer to AKF Mechanical drawings (M-100 to M-602)¹ dated 11/20/2012 for detailed description.

This ECM was originally intended for the S-Wing, but has been revised for FCUs with Energy Recovery Ventilator (ERV) units.

ECM # 14 - UVS REPLACEMENT - INCLUDED IN MECHANICAL ECM (as per AKF Mechanical drawings (M-100 to M-602)¹ dated 11/20/2012). - Included in Mechanical ECM #2-D above.

Please refer to AKF Mechanical drawings (M-100 to M-602)¹ dated 11/20/2012 for detailed description.

ECM #15 - CURTAIN WALL REPLACEMENT

ESG will provide a turn-key installation of the Window Wall System. Exhibit A-3 attached hereto and incorporated herein by reference for locations

1. Remove existing curtain wall system
2. Provide and install new thermal windows and FRP insulated doors within A, B and C wings of Beecher Road School as described herein. There are 24 openings that shall receive complete new window walls with associated doors and two openings that will receive new doors and have old glazing gaskets removed and new gaskets installed. The products are as follows:
 - 2 x 4 ½" Thermal Storefront Framing
 - 3 ½" Winco Series 3600 AW-50 Thermal Sliding Windows
 - Laminated Glass ¼" clear tempered Low E x Argon glass x ¼" 2.25" Insulated Panels (R-10.55) at bottom of window openings
 - Special-Lite SL-17 Fiberglass Reinforced Panel (FRP) Pebble grain flush doors
 - Von Duprin Exit Hardware at door pairs (active leafs only), Sargent Locksets at single doors
 - Heavy Duty Continuous Hinges, LCN Door Closers, Aluminum Thresholds, Door Bottom Sweeps
 - Furnish and install 9 new pieces of glass in place of existing air conditioners
3. Installation includes perimeter caulking, painting of exterior exposed steel columns between window jambs, 1" x 3" paintable trim closer along window and cabinet top
4. Cutting of insulated panel to receive louver protrusion where required, pressure treated blocking, and on site storage containers
5. Port-a-let, field measuring, and final shop drawing design

ECM #16 - ROOF REPLACEMENT- Exhibit A-4 attached hereto and incorporated herein by reference for locations.

Remove the existing roofing system down to the structural deck and dispose of all dirt and debris. Replace the existing roof with a new membrane roofing system and also increase the insulation additional thickness to improve its overall insulating value.

1. Protect existing grounds and conditions
2. Remove and dispose existing BUR with gravel, fiberglass insulation and base flashings
3. Over existing gypsum deck, mechanically fasten one layer of fiberglass base sheet
4. Install one layer of 2" poly-iso roof insulation set in adhesive
5. Install ¼" tapered poly- iso roof insulation set in adhesive
6. Install fully adhered 60 mil PVC Energy Star roof system.
7. Install new PVC flashings at roof drains, curbs and all roof penetrations
8. Install fully adhered PVC base flashings with termination bar and re-dress existing counter flashing
9. Tie- onto existing EDPM roof s at expansion joints
10. At perimeter edge install 2 x 6 PT wood nailer over existing, PVC base flashings and pre-fabricated Kynar Aluminum AnchorGard fascia system
11. All work to be performed in strict accordance with manufactures printed specifications and details.
12. Upon completion provide Owner with 20 year Manufacture's Labor and Material warranty
13. *Add new drains and drain lines, which will be required, due the inadequate number of existing roof drains.*
14. *Remove and replace deteriorated / defective PT 2 x 6 wood nailers – assumed to be 1,000 LF*
15. *Remove and replace defect gypsum decking - Assumed to be 3,500 SF*

NOTE: For Items 14 and 15 above, ESG has included an allowance to cover the cost associated for the **indicated scope.**

ECM # 17 – MECHANICAL (BOILERS, CHILLER, UVs, AHUS AND RTUS) - INCLUDED IN MECHANICAL ECM #2 (AKF Mechanical drawings (M-100 to M-602)¹ dated 11/20/2012

ECM # 18 – ELECTRICAL - INCLUDED IN MECHANICAL ECM #2 (AKF Mechanical drawings (M-100 to M-602)¹ dated 11/20/2012

ECM#19 – CEILING WORK

Please refer to **Exhibit A-5** for areas of the school included for this upgrade.

1. Remove existing tiles
2. Properly dispose of the removed tiles
3. Furnish and install new ceiling tiles to match existing general quality and look using Armstrong Cortega #769 Square Lay-In tile.
4. Clean up area and restore to original condition

ECM #20 – WALL PENETRATIONS - INCLUDED IN MECHANICAL ECM #2 (AKF Mechanical drawings (M-100 to M-602)¹ dated 11/20/2012

ECM #21 – FIRE STOPPING - INCLUDED IN MECHANICAL ECM #2 (AKF Mechanical drawings (M-100 to M-602)¹ dated 11/20/2012

ECM #22 – TEMPORARY PROTECTION - INCLUDED IN MECHANICAL ECM #2 (AKF Mechanical drawings (M-100 to M-602)¹ dated 11/20/2012

ECM # 23 - SOLAR PV PANELS

Provide and install racking system on roofs of B and A wings, including slip sheets as required by manufacturer; arrange for pre- and post-construction inspections with roof warranty-holder.

Major Components

- 360 x REC 260 Watt (DC) Photovoltaic (PV) Modules
 - 3 x Advanced Energy REFUSol 23.2kW inverters
 - Daetwyler EcoTop racking system
 - Draker web-based system performance monitoring package
1. Mobilization / job site setup
 2. Roofing (Pre and post inspection)
 3. Roofing (Safety/ penetration/flashings and slip-sheets)
 4. Demobilization / job site teardown
 5. Provide and install PV modules.
 6. Provide and install inverters; string PV arrays and wire homeruns to inverters.
 7. All AC electrical work/equipment to point of interconnection (POI); terminate AC circuit on breaker in service panel in building
 8. Provide and install fused, lockable DC disconnecting means to provide isolation (lock-out/tag-out) of inverters and over-current protection
 9. Label all components per NEC.
 10. All conduit/raceway and wire (per spec), equipment and labor required to perform this scope of work, including storage and other general conditions as needed.
 11. Provide PE stamped drawings to include: plan and mounting details; electrical one-line and equipment schedule; electrical (voltage/wire sizing) and structural (wind up-lift) calculations; equipment data sheets and installation guides; provide other project-related documentation (AHAs, safety manuals, QC plans, etc.) as required
 12. Provide energy production modeling (PV System) and information on estimates on available utility or other incentive
 13. Process of interconnection agreement with service provider.
 14. Generate and submit signed as-built documentation according to owner's requirement.
 15. Commission and energize systems in conjunction with owner and/or owner's agent
 16. Provide safety training for facilities staff, including owner's manuals

17. Provide system performance monitoring hardware/software/equipment and install/program for access to energy production data via the internet; equipment includes revenue grade energy meters, weather station and monitoring system data logger
18. Meteorological Station, which will collect weather data (insolation, air temp, wind speed) and analyze this data in conjunction with energy production (via the meter).
19. Tie-in and set-up two LCD monitors. The monitors will display the graphics from the web portal, which rotates between current and historical energy production as well as environmental benefits (equivalent trees planted, etc.)

Please refer to **Exhibit A-6** for proposed location of the PV array on the roof.

ECM #24 - WIND TURBINE

Provide and install (1) – 4kW Wind Turbine system of 4 kW total capacity; vertical for very small power production. This system will be used for curriculum and educational purposes. Woodbridge is a low wind area. There will be a two (2) dashboard placed in the science classrooms and public area for educational purposes only.

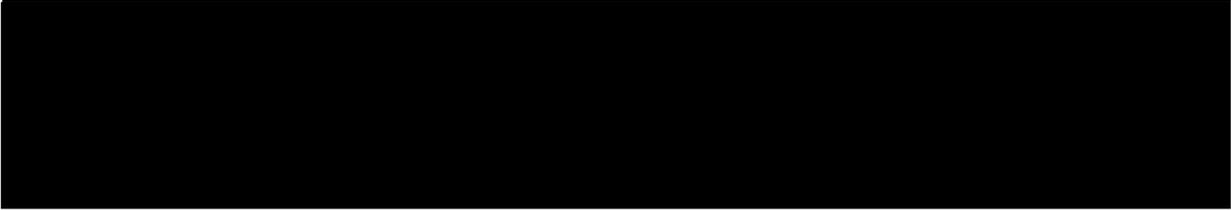
1. Provide and install the (1) - BWE 4kW (Beach Wind Energy) Wind Turbine and its associated concrete base and anchors and underground conduit and wiring to a location to be determined up to 300' distance from Turbine Unit itself.
2. Height at which the WT would be mounted -25' to top of turbine
3. Add meter and associate programming for tie it into the gateway. The web portal will have graphics which show both sources but will aggregate total energy production. Users will be able to download reports for each source as they will be separately metered.
4. Provide 1 time training to cover the monitoring system and how that can be used to track performance.

ECM #25 - CASEWORK ABC & K WING - Exhibit A-7 attached hereto and incorporated herein by reference for locations.

Provide and install 32 units on each side of the new unit ventilators in A, B and C wing.

1. The millwork is new laboratory grade plastic laminated covered cabinetry – uppers, lowers, and countertop
2. Replace existing sink units in classrooms; 28 locations.
3. Mill work to replace 7-foot unit ventilators being replaced in the K wing as shown in **Exhibit A-7**

ECM #26 – SECURITY FEATURE AND PAINTING (SCOPE OF WORK IS INCLUDED IN ECM #27 THROUGH 32 BELOW)



ECM #32 - WALL PAINTING - Exhibit A-8 attached hereto and incorporated herein by reference for locations for painting classrooms area A, B, C, D and Corridors

1. The classrooms and corridors will be properly prepared for painting (2) coats of an acrylic epoxy paint
2. Classroom ceilings will receive (1) coat of acrylic flat paint
3. The steel beams will receive (2) coats of DTM metal protective paint (as accent color).
4. Doors, frames and window frames will receive (2) coats of Sherwin Williams, or equal, Trim Enamel.
5. Frames between the hall and classroom will be painted both sides if the classroom is being painted. If the classroom or other type room does not receive new paint, the room side of the frame will not be painted.
6. No doors in Area A will be painted. They are laminated.
7. Owner is responsible for removal of educational materials and items affixed to walls or ceilings prior to ESG beginning work in each area.
8. One classroom will be painted and lighting upgraded prior to starting work up as a mock up for approval by the owner.

EXHIBIT A-1

Project Name: **Becher Road School, Per D. 012110**
 Site Name: **Becher Road School**
 Building Identifier: **41 Becher Road, Westfield, CT**

Line Item	Category	Area Description	Usage	PRE-INSTALLATION				POST-INSTALLATION								
				Pre Flat No.	Pre Flat Description	Pre Watts/Flat	Pre kW/Space	Measured Foot-Candles	Field Cost	Post Flat No.	Post Flat Description	Post Technology Description	Post Watts/Flat	Post kW/Space	Prop Cost	
0		FIRST FL	FIRST FL													
1	Becher Road School	FIRST FL	Office - Misc	Office	10	31 F03017B UTUVE	141	1.02	72.79	Switch	10	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	33	0.33	Switch
3	Becher Road School	FIRST FL	Office - Principal	Office	4	31 F03017B UTUVE	141	0.45		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	39	0.16	Wall Sensor
4	Becher Road School	FIRST FL	Office - Asst Principal	Office	4	31 F03017B UTUVE	141	0.45		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	39	0.16	Wall Sensor
5	Becher Road School	FIRST FL	Teacher	Teacher	1	31 F03017B UTUVE	78	0.27	34.0	Switch	1	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	43	0.26	Switch
6	Becher Road School	FIRST FL	Mail Room	Office	3	31 F03017B UTUVE	141	0.30		Switch	3	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	33	0.09	Switch
7	Becher Road School	FIRST FL	Conference	Conference	6	12113W CF Flu Is	40	0.24	22.0	Switch	6	12113W CF Flu Is	17W Incandescent	17	0.27	Switch
8	Becher Road School	FIRST FL	Library	Library	13	31 F03017B UTUVE	69	0.27	32.21	Switch	13	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	26	0.18	Switch
9	Becher Road School	FIRST FL	Nurse	Nurse	2	31 F03017B UTUVE	69	0.18		Switch	2	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	26	0.07	Switch
10	Becher Road School	FIRST FL	Lab	Lab	1	LED	4	0.05		Breaker	1	NOI 1000 LDR	EXIT Light Emergency Evac. CR LED	4	0.04	Breaker
11	Becher Road School	FIRST FL	Gen. - Variable	Teacher	3	12113W CF Flu Is	40	0.23		Switch	3	12113W CF Flu Is	17W Incandescent	17	0.07	Switch
12	Becher Road School	FIRST FL	Classroom - Young	Classroom	4	31 F03017B UTUVE	141	0.44		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	39	0.16	Wall Sensor
13	Becher Road School	FIRST FL	Classroom - Math	Classroom	10	31 F03017B UTUVE	78	0.27		Switch	10	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	43	0.26	Wall Sensor
14	Becher Road School	FIRST FL	Junior Class	Classroom	1	12113W CF Flu Is	40	0.24		Switch	1	12113W CF Flu Is	17W Incandescent	17	0.21	Switch
15	Becher Road School	FIRST FL - A	Storage - Book Room	Storage	2	31 F03017B UTUVE	62	0.12		Switch	2	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	43	0.08	Switch
16	Becher Road School	FIRST FL - A	STORAGE - A WARE	STORAGE - A WARE	1	12113W CF Flu Is	40	0.24		Switch	1	12113W CF Flu Is	17W Incandescent	17	0.21	Switch
17	Becher Road School	FIRST FL - A	Library - Writer	Library	1	12113W CF Flu Is	40	0.24	24.3	Switch	1	12113W CF Flu Is	17W Incandescent	17	0.21	Switch
18	Becher Road School	FIRST FL - A	Library - Misc	Library	1	12113W CF Flu Is	40	0.24	24.3	Switch	1	12113W CF Flu Is	17W Incandescent	17	0.21	Switch
19	Becher Road School	FIRST FL - A	Classroom A1	Classroom	6	31 F03017B UTUVE	151	0.16	55.50	Switch	6	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	107	0.47	Overhead Control Ceiling Wall Mount Sensor
20	Becher Road School	FIRST FL - A	Classroom A1	Classroom	4	31 F03017B UTUVE	78	0.27		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	53	0.21	Overhead Control Ceiling Wall Mount Sensor
21	Becher Road School	FIRST FL - A	Classroom A2	Classroom	6	31 F03017B UTUVE	151	0.16	55.50	Switch	6	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	107	0.47	Overhead Control Ceiling Wall Mount Sensor
22	Becher Road School	FIRST FL - A	Classroom A2	Classroom	4	31 F03017B UTUVE	78	0.27		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	53	0.21	Overhead Control Ceiling Wall Mount Sensor
23	Becher Road School	FIRST FL - A	Library	Library	1	12113W CF Flu Is	41	0.23	4.5	Switch	1	12113W CF Flu Is	17W Incandescent	14	0.21	Switch
24	Becher Road School	FIRST FL - A	Library	Library	1	12113W CF Flu Is	41	0.23		Switch	1	12113W CF Flu Is	17W Incandescent	14	0.21	Switch
25	Becher Road School	FIRST FL - A	Library	Library	1	12113W CF Flu Is	41	0.23		Switch	1	12113W CF Flu Is	17W Incandescent	14	0.21	Switch
26	Becher Road School	FIRST FL - A	Library	Library	1	12113W CF Flu Is	41	0.23		Switch	1	12113W CF Flu Is	17W Incandescent	14	0.21	Switch
27	Becher Road School	FIRST FL - A	Classroom A3	Classroom	6	31 F03017B UTUVE	151	0.16		Switch	6	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	107	0.47	Overhead Control Ceiling Wall Mount Sensor
28	Becher Road School	FIRST FL - A	Classroom A3	Classroom	4	31 F03017B UTUVE	78	0.27		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	53	0.21	Overhead Control Ceiling Wall Mount Sensor
29	Becher Road School	FIRST FL - A	Classroom A4	Classroom	6	31 F03017B UTUVE	151	0.16	55.46	Switch	6	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	107	0.47	Overhead Control Ceiling Wall Mount Sensor
30	Becher Road School	FIRST FL - A	Classroom A4	Classroom	4	31 F03017B UTUVE	78	0.27		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	53	0.21	Overhead Control Ceiling Wall Mount Sensor
31	Becher Road School	FIRST FL - A	Classroom A4	Classroom	6	31 F03017B UTUVE	151	0.16		Switch	6	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	107	0.47	Overhead Control Ceiling Wall Mount Sensor
32	Becher Road School	FIRST FL - A	Classroom A5	Classroom	4	31 F03017B UTUVE	78	0.27		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	53	0.21	Overhead Control Ceiling Wall Mount Sensor
33	Becher Road School	FIRST FL - A	Classroom A5	Classroom	6	31 F03017B UTUVE	151	0.16	55.46	Switch	6	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	107	0.47	Overhead Control Ceiling Wall Mount Sensor
34	Becher Road School	FIRST FL - A	Classroom A5	Classroom	4	31 F03017B UTUVE	78	0.27		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	53	0.21	Overhead Control Ceiling Wall Mount Sensor
35	Becher Road School	FIRST FL - A	Library	Library	1	12113W CF Flu Is	41	0.23		Switch	1	12113W CF Flu Is	17W Incandescent	14	0.21	Switch
36	Becher Road School	FIRST FL - A	Library	Library	1	12113W CF Flu Is	41	0.23		Switch	1	12113W CF Flu Is	17W Incandescent	14	0.21	Switch
37	Becher Road School	FIRST FL - A	Library - A Work Front	Library	14	31 F03017B UTUVE	69	0.16	32.28	Switch	14	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	26	0.56	Switch
38	Becher Road School	FIRST FL - A	Lab	Lab	1	LED	4	0.05		Breaker	1	NOI 1000 LDR	EXIT Light Emergency Evac. CR LED	4	0.04	Breaker
39	Becher Road School	FIRST FL - A	Classroom - Speech	Classroom	4	31 F03017B UTUVE	69	0.16	24.0	Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	107	0.21	Wall Sensor
40	Becher Road School	FIRST FL - A	Classroom - Speech	Classroom	2	31 F03017B UTUVE	72	0.14		Switch	2	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	53	0.07	Switch
41	Becher Road School	FIRST FL - A	Classroom A7	Classroom	7	31 F03017B UTUVE	153	0.17	41.0	Switch	7	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	107	0.43	Overhead Control Ceiling Wall Mount Sensor
42	Becher Road School	FIRST FL - A	Classroom A7	Classroom	4	31 F03017B UTUVE	78	0.27		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	53	0.21	Overhead Control Ceiling Wall Mount Sensor
43	Becher Road School	FIRST FL - A	Storage	Storage	1	31 F03017B UTUVE	69	0.16	31.0	Switch	1	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	33	0.07	Switch
44	Becher Road School	FIRST FL - A	Classroom A8	Classroom	6	31 F03017B UTUVE	153	0.17		Switch	6	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	107	0.43	Overhead Control Ceiling Wall Mount Sensor
45	Becher Road School	FIRST FL - A	Classroom A8	Classroom	4	31 F03017B UTUVE	78	0.27		Switch	4	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, Instant Start Ballast, M.O. 0.92, 85	53	0.21	Overhead Control Ceiling Wall Mount Sensor
46	Becher Road School	FIRST FL - A	Library	Library	1	31 F03017B UTUVE	69	0.16		Switch	1	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	33	0.07	Switch
47	Becher Road School	FIRST FL - A	Library	Library	1	31 F03017B UTUVE	69	0.16		Switch	1	31 F03017B UTUVE	Fluorescent (1) 2' x 4' 18 lamp, 11W Energy Star, Instant Start Ballast, M.O. 0.92, 85	33	0.07	Switch

EXHIBIT A-1

Line Item	Area Description-Building/Room	Usage	Group ID	PRE-INSTALLATION				POST-INSTALLATION							
				Pre Fixt. No.	Pre Fixt. Description	Pre Watts/Total	Pre AW/Space	Maximized Fixtures	Exhibit Count	Post Fixt. No.	Post Fixt. Description	Post Technology Description	Post Watts/Total	Post AW/Space	Prep Cost
Kingpin describing the line	Upper description of the location for location for the site map	Designation for the usage group	Designation for the usage group	No. of fixtures for the group	No. of fixtures for the group	Value from Table of Standard Fixtures/Wattage	Value from Table of Standard Fixtures/Wattage	Value from Table of Standard Fixtures/Wattage	Value from Table of Standard Fixtures/Wattage						
149	Booster Road School	MECHANICAL	Mechanical	1	21.4 TR 31.80"	81	0.92		Switch	1	21.4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
150	Booster Road School	Mechanical	Mechanical	3	21.4 TR 31.80"	81	0.92		Switch	3	21.4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Wall Sensor
151	Booster Road School	Mechanical	Mechanical	3	21.4 TR 31.80"	81	0.92		Switch	3	21.4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
152	Booster Road School	Mechanical	Mechanical	6	21.4 TR 31.80"	81	0.92		Switch	6	21.4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
153	Booster Road School	Mechanical	Mechanical	3	21.4 TR 31.80"	81	0.92		Switch	3	21.4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
154	Booster Road School	Mechanical	Mechanical	8	21.4 TR 31.80"	81	0.92		Switch	8	21.4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
155	Booster Road School	Mechanical	Mechanical	2	LED	4	0.98		Breaker	2	NO UPGRADE	EXIT Light Emergency Dials, CW LE	4	0.28	Breaker
156	Booster Road School	Mechanical	Mechanical	1	LED	4	0.98		Breaker	1	NEW LED EXISTING W/ BATTERY BACK UP	EXIT Light Emergency Dials, CW LE	4	0.28	Breaker
157	Booster Road School	Mechanical	Mechanical	13	M 4 TR 31.80"	78	1.04	68.0	Switch	13	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
158	Booster Road School	Mechanical	Mechanical	2	M 4 TR 31.80"	78	1.04		Switch	2	NEW LED EXISTING W/ BATTERY BACK UP	EXIT Light Emergency Dials, CW LE	4	0.28	Switch
159	Booster Road School	Mechanical	Mechanical	4	M 4 TR 31.80"	78	1.04		Switch	4	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
160	Booster Road School	Mechanical	Mechanical	4	M 4 TR 31.80"	78	1.04		Switch	4	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
161	Booster Road School	Mechanical	Mechanical	4	M 4 TR 31.80"	78	1.04		Switch	4	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
162	Booster Road School	Mechanical	Mechanical	4	M 4 TR 31.80"	78	1.04		Switch	4	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
163	Booster Road School	Mechanical	Mechanical	2	M 4 TR 31.80"	78	1.04	74.0	Switch	2	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Wall Sensor
164	Booster Road School	Mechanical	Mechanical	1	M 4 TR 31.80"	78	1.04		Switch	1	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
165	Booster Road School	Mechanical	Mechanical	2	60W INCANDESCENT	60	0.13		Switch	2	11W LED A19	11W LED Screw in Ballast (11)	11	0.25	Switch
166	Booster Road School	Mechanical	Mechanical	2	M 4 TR 31.80"	78	1.04		Switch	2	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
167	Booster Road School	Mechanical	Mechanical	4	60W INCANDESCENT	60	0.24		Switch	4	11W LED A19	11W LED Screw in Ballast (11)	11	0.24	Switch
168	Booster Road School	Mechanical	Mechanical	3	LED	4	0.98		Breaker	3	NO UPGRADE	EXIT Light Emergency Dials, CW LE	4	0.28	Breaker
169	Booster Road School	Mechanical	Mechanical	1	LED	4	0.98		Breaker	1	NO UPGRADE	EXIT Light Emergency Dials, CW LE	4	0.28	Breaker
170	Booster Road School	Mechanical	Mechanical	56	M 4 TR 31.80"	81	4.92	21	Exhibit	56	NEW LED EXISTING W/ BATTERY BACK UP	EXIT Light Emergency Dials, CW LE	4	0.28	Exhibit
171	Booster Road School	Mechanical	Mechanical	41	M 4 TR 31.80"	81	1.93		Switch	48	NEW 17W R Fluorescent (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	Fluorescent (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.52	Exhibit
172	Booster Road School	Mechanical	Mechanical	8	M 4 TR 31.80"	81	0.45		Switch	8	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
173	Booster Road School	Mechanical	Mechanical	4	LED	4	0.98		Breaker	4	NO UPGRADE	EXIT Light Emergency Dials, CW LE	4	0.28	Breaker
174	Booster Road School	Mechanical	Mechanical	2	M 4 TR 31.80"	81	0.92		Switch	2	NEW 17W R Fluorescent (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	Fluorescent (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.52	Switch
175	Booster Road School	Mechanical	Mechanical	28	M 4 TR 31.80"	78	1.55	50.5437	Switch	28	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Overhead Control Ceiling w/ Motor Sensor
176	Booster Road School	Mechanical	Mechanical	23	M 4 TR 31.80"	78	1.58		Switch	23	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Overhead Control Ceiling w/ Motor Sensor
177	Booster Road School	Mechanical	Mechanical	25	M 4 TR 31.80"	78	1.58		Switch	25	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Overhead Control Ceiling w/ Motor Sensor
178	Booster Road School	Mechanical	Mechanical	2	M 4 TR 31.80"	78	1.04		Switch	2	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
179	Booster Road School	Mechanical	Mechanical	4	LED	4	0.98		Breaker	4	NO UPGRADE	EXIT Light Emergency Dials, CW LE	4	0.28	Breaker
180	Booster Road School	Mechanical	Mechanical	8	M 4 TR 31.80"	78	0.87		Switch	8	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.52	Overhead Control Ceiling w/ Motor Sensor
181	Booster Road School	Mechanical	Mechanical	2	M 4 TR 31.80"	78	1.04		Switch	2	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
182	Booster Road School	Mechanical	Mechanical	24	M 4 TR 31.80"	81	1.87		Switch	24	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
183	Booster Road School	Mechanical	Mechanical	2	LED	4	0.98		Breaker	2	NO UPGRADE	EXIT Light Emergency Dials, CW LE	4	0.28	Breaker
184	Booster Road School	Mechanical	Mechanical	1	M 4 TR 31.80"	81	0.92		Switch	1	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
185	Booster Road School	Mechanical	Mechanical	1	M 4 TR 31.80"	81	0.92		Switch	1	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
186	Booster Road School	Mechanical	Mechanical	2	M 4 TR 31.80"	81	0.92		Switch	2	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
187	Booster Road School	Mechanical	Mechanical	6	M 4 TR 31.80"	81	0.84		Switch	6	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
188	Booster Road School	Mechanical	Mechanical	1	M 4 TR 31.80"	81	0.92		Switch	1	M 4 TR 31.80"	Fluorescent (11'48") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.50	Switch
189	Booster Road School	Mechanical	Mechanical	6	M 4 TR 31.80"	81	0.92	55.62	Switch	6	NEW 17W R FLUORESCENT INDUCTIVE BALLAST (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	Fluorescent (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.64	Overhead Control Ceiling w/ Motor Sensor
190	Booster Road School	Mechanical	Mechanical	4	M 4 TR 31.80"	78	0.92		Switch	4	NEW 17W R FLUORESCENT INDUCTIVE BALLAST (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	Fluorescent (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.64	Overhead Control Ceiling w/ Motor Sensor
191	Booster Road School	Mechanical	Mechanical	6	M 4 TR 31.80"	81	0.92		Switch	6	NEW 17W R FLUORESCENT INDUCTIVE BALLAST (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	Fluorescent (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.64	Overhead Control Ceiling w/ Motor Sensor
192	Booster Road School	Mechanical	Mechanical	4	M 4 TR 31.80"	78	0.92		Switch	4	NEW 17W R FLUORESCENT INDUCTIVE BALLAST (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	Fluorescent (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.64	Overhead Control Ceiling w/ Motor Sensor
193	Booster Road School	Mechanical	Mechanical	1	M 4 TR 31.80"	81	0.92	4.4	Switch	1	NEW 17W LED 5' x 6' Panel Fixture	17W LED Panel Fixture	14	0.16	Switch
194	Booster Road School	Mechanical	Mechanical	3	M 4 TR 31.80"	81	0.75		Switch	3	NEW 17W LED 5' x 6' Panel Fixture	17W LED Panel Fixture	14	0.16	Switch
195	Booster Road School	Mechanical	Mechanical	1	M 4 TR 31.80"	81	0.75		Switch	1	NEW 17W LED 5' x 6' Panel Fixture	17W LED Panel Fixture	14	0.16	Switch
196	Booster Road School	Mechanical	Mechanical	1	M 4 TR 31.80"	81	0.75		Switch	1	NEW 17W LED 5' x 6' Panel Fixture	17W LED Panel Fixture	14	0.16	Switch
197	Booster Road School	Mechanical	Mechanical	6	M 4 TR 31.80"	81	0.92	44.57	Switch	6	NEW 17W R FLUORESCENT INDUCTIVE BALLAST (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	Fluorescent (14'00") 1.8 lamp, Instant Start Ballast, E10/EP-0145	42	0.64	Overhead Control Ceiling w/ Motor Sensor

EXHIBIT A-1

Line Item	Item Description	Area Description - Sub Item	Usage Group ID	PRE-INSTALLATION				POST-INSTALLATION						
				Pre Est. No.	Pre Est. Description	Pre Wt./Vol.	Pre AW/Space	Measured Foot	Exist. Coat	Post Est. No.	Post Est. Description	Post Technology Description	Post Wt./Vol.	Post AW/Space
198	Booster Road School	CLASS FL-C	Classroom C3	4	3.4 TB ELEC	78	0.31	Switch	4	NEW 1X4 LED PENDANT INDULGENT VOLT (LITTEONTRC, 42-20483525)	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	53	0.20	Overhead Center Ceiling W/ Mount Sensor
199	Booster Road School	CLASS FL-C	Classroom C4	4	3.4 TB ELEC	143	0.31	Switch	6	NEW 1X4 LED PENDANT INDULGENT VOLT (LITTEONTRC, 42-20483525)	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	147	0.50	Overhead Center Ceiling W/ Mount Sensor
200	Booster Road School	CLASS FL-C	Classroom C4	4	3.4 TB ELEC	78	0.31	Switch	4	NEW 1X4 LED PENDANT INDULGENT VOLT (LITTEONTRC, 42-20483525)	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	53	0.21	Overhead Center Ceiling W/ Mount Sensor
201	Booster Road School	CLASS FL-C	Classroom C5	4	3.4 TB ELEC	143	0.31	Switch	6	NEW 1X4 LED PENDANT INDULGENT VOLT (LITTEONTRC, 42-20483525)	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	147	0.51	Overhead Center Ceiling W/ Mount Sensor
202	Booster Road School	CLASS FL-C	Classroom C5	4	3.4 TB ELEC	78	0.31	Switch	4	NEW 1X4 LED PENDANT INDULGENT VOLT (LITTEONTRC, 42-20483525)	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	53	0.21	Overhead Center Ceiling W/ Mount Sensor
203	Booster Road School	CLASS FL-C	Classroom C6	4	3.4 TB ELEC	143	0.31	Switch	6	NEW 1X4 LED PENDANT INDULGENT VOLT (LITTEONTRC, 42-20483525)	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	147	0.51	Overhead Center Ceiling W/ Mount Sensor
204	Booster Road School	CLASS FL-C	Classroom C6	4	3.4 TB ELEC	78	0.31	Switch	4	NEW 1X4 LED PENDANT INDULGENT VOLT (LITTEONTRC, 42-20483525)	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	53	0.21	Overhead Center Ceiling W/ Mount Sensor
205	Booster Road School	CLASS FL-C	Restroom	1	(2) 178 CF Flu In	31	0.23	Switch	1	NEW 1X4 LED Surface Down Fixture	1X4 Incandescent LED	11	0.23	Switch
206	Booster Road School	CLASS FL-C	Restroom - C/Wing	1	2.4 TB ELEC	59	0.23	Switch	15	NEW 1X4 LED SURFACE DOWN FIXTURE	1X4 Incandescent LED	11	0.23	Switch
207	Booster Road School	CLASS FL-C	Restroom - C/Wing	1	2.4 TB ELEC	59	0.23	Switch	15	NEW 1X4 LED SURFACE DOWN FIXTURE	1X4 Incandescent LED	11	0.23	Switch
208	Booster Road School	CLASS FL-C	Restroom - C/Wing	1	2.4 TB ELEC	59	0.23	Switch	15	NEW 1X4 LED SURFACE DOWN FIXTURE	1X4 Incandescent LED	11	0.23	Switch
209	Booster Road School	CLASS FL-C	Exit	3	LED	4	0.23	Breaker	3	NO UPGRADE	EXIT Light Emergency Code, 4X LED	4	0.23	Breaker
210	Booster Road School	CLASS FL-C	Exit - C/Wing	4	2.4 TB ELEC	59	0.23	Switch	4	NEW 1X4 LED SURFACE DOWN FIXTURE	EXIT Light Emergency Code, 4X LED	4	0.23	Switch
211	Booster Road School	CLASS FL-C	Exit	2	LED	4	0.23	Breaker	2	NO UPGRADE	EXIT Light Emergency Code, 4X LED	4	0.23	Breaker
212	Booster Road School	CLASS FL-C	Classroom - Storage	9	NEW UPGRADE	65	0.23	Switch	9	1X4 LED PAR	1X4 LED PAR	14	0.18	Switch
213	Booster Road School	CLASS FL-C	Classroom - Computer Lab	18	3.4 TB ELEC	78	0.31	Switch	18	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	63	1.13	Overhead Center Ceiling W/ Mount Sensor
214	Booster Road School	CLASS FL-C	Exit	2	LED	4	0.23	Breaker	2	NO UPGRADE	EXIT Light Emergency Code, 4X LED	4	0.23	Breaker
215	Booster Road School	CLASS FL-C	Office	5	3.4 TB ELEC	78	0.31	Switch	5	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	43	0.23	Wall Sensor
216	Booster Road School	CLASS FL-C	Office - Outside Lab	1	3.4 TB ELEC	78	0.31	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	43	0.23	Wall Sensor
217	Booster Road School	CLASS FL-C	Storage	3	NEW UPGRADE	144	0.43	Switch	3	NEW 1X4 LED SURFACE DOWN FIXTURE	1X4 Incandescent LED	11	0.23	Switch
218	Booster Road School	CLASS FL-C	Storage - Storage	2	2.4 TB ELEC	59	0.23	Switch	2	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	26	0.52	Switch
219	Booster Road School	CLASS FL-C	Storage - North to South	14	2.4 TB ELEC	59	0.23	Switch	14	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	26	0.52	Switch
220	Booster Road School	CLASS FL-C	Exit	2	LED	4	0.23	Breaker	2	NO UPGRADE	EXIT Light Emergency Code, 4X LED	4	0.23	Breaker
221	Booster Road School	CLASS FL-C	CLASS FL-D WING	9	3.4 TB ELEC	78	0.31	Switch	9	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	43	0.23	Overhead Center Ceiling W/ Mount Sensor
222	Booster Road School	CLASS FL-C	Classroom E1	4	3.4 TB ELEC	78	0.31	Switch	4	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	43	0.23	Overhead Center Ceiling W/ Mount Sensor
223	Booster Road School	CLASS FL-C	Classroom E1	4	3.4 TB ELEC	78	0.31	Switch	4	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	43	0.23	Overhead Center Ceiling W/ Mount Sensor
224	Booster Road School	CLASS FL-C	Restroom	1	(2) 178 CF Flu In	31	0.23	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	1X4 Incandescent LED	11	0.23	Switch
225	Booster Road School	CLASS FL-C	Restroom	1	(2) 178 CF Flu In	31	0.23	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	1X4 Incandescent LED	11	0.23	Switch
226	Booster Road School	CLASS FL-C	Classroom D2	6	3.4 TB ELEC	78	0.31	Switch	6	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	24	0.23	Overhead Center Ceiling W/ Mount Sensor
227	Booster Road School	CLASS FL-C	Classroom D2	2	2.4 TB ELEC	59	0.23	Switch	2	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	24	0.23	Overhead Center Ceiling W/ Mount Sensor
228	Booster Road School	CLASS FL-C	Restroom	1	(2) 178 CF Flu In	31	0.23	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	1X4 Incandescent LED	11	0.23	Switch
229	Booster Road School	CLASS FL-C	Classroom D3	6	3.4 TB ELEC	78	0.31	Switch	6	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	24	0.23	Overhead Center Ceiling W/ Mount Sensor
230	Booster Road School	CLASS FL-C	Classroom D3	1	2.4 TB ELEC	59	0.23	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	24	0.23	Overhead Center Ceiling W/ Mount Sensor
231	Booster Road School	CLASS FL-C	Restroom	1	(2) 178 CF Flu In	31	0.23	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	1X4 Incandescent LED	11	0.23	Switch
232	Booster Road School	CLASS FL-C	Classroom D4	9	3.4 TB ELEC	78	0.31	Switch	9	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Overhead Center Ceiling W/ Mount Sensor
233	Booster Road School	CLASS FL-C	Classroom D4	4	2.4 TB ELEC	59	0.23	Switch	4	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Overhead Center Ceiling W/ Mount Sensor
234	Booster Road School	CLASS FL-C	Restroom	1	(2) 178 CF Flu In	31	0.23	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	1X4 Incandescent LED	11	0.23	Switch
235	Booster Road School	CLASS FL-C	Senior Center	2	2.4 TB ELEC	59	0.23	Switch	2	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Wall Sensor
236	Booster Road School	CLASS FL-C	Storage	1	2.4 TB ELEC	59	0.23	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Wall Sensor
237	Booster Road School	CLASS FL-C	Restroom - D/Wing of East	4	3.4 TB ELEC	78	0.31	Switch	4	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Switch
238	Booster Road School	CLASS FL-C	Restroom - D/Wing of East	1	2.4 TB ELEC	59	0.23	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Switch
239	Booster Road School	CLASS FL-C	Exit	2	LED	4	0.23	Breaker	2	NO UPGRADE	EXIT Light Emergency Code, 4X LED	4	0.23	Breaker
240	Booster Road School	CLASS FL-C	Classroom D5	15	3.4 TB ELEC	78	1.56	Switch	15	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	65	1.64	Overhead Center Ceiling W/ Mount Sensor
241	Booster Road School	CLASS FL-C	Office	2	3.4 TB ELEC	78	0.31	Switch	2	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Wall Sensor
242	Booster Road School	CLASS FL-C	Classroom E5	15	3.4 TB ELEC	78	1.56	Switch	15	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	65	1.64	Overhead Center Ceiling W/ Mount Sensor
243	Booster Road School	CLASS FL-C	Restroom	1	(2) 178 CF Flu In	31	0.23	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	1X4 Incandescent LED	11	0.23	Switch
244	Booster Road School	CLASS FL-C	Office D7	6	3.4 TB ELEC	78	0.31	Switch	6	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	24	0.23	Wall Sensor
245	Booster Road School	CLASS FL-C	Office	2	2.4 TB ELEC	59	0.23	Switch	2	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Switch
246	Booster Road School	CLASS FL-C	Office	2	2.4 TB ELEC	59	0.23	Switch	2	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Switch
247	Booster Road School	CLASS FL-C	Storage	2	2.4 TB ELEC	59	0.23	Switch	2	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Switch
248	Booster Road School	CLASS FL-C	Senior Center	1	2.4 TB ELEC	59	0.23	Switch	1	NEW 1X4 LED SURFACE DOWN FIXTURE	Fluorescent (1) 48", 1.8 Amp, Instant Start, Ballast, MLO/EP-541 G5	44	0.23	Switch

EXHIBIT A-1

Line Item	Item Description	Area Description - Building Room	Voltage	Pre-Inst. No.	Pre-Inst. Description	PRE-INSTALLATION		Measured Post-Carden	Exist. Cost	Post-Inst. No.	Post-Inst. Description	POST-INSTALLATION				
						Pre Watts/Flat	Pre AW/Space					Post Technology Description	Post Watts/Flat	Post AW/Space	Prop. Cost	
Range	Identifying	Change Description of the location for number for the plug	Category name for the plug	No. of fixtures before the plug	Pre-Inst. Features Description	Value from Table of Standard Fixture Ratings	Pre Watts/Flat (Pre-Inst. No.)	Pre-Inst. Control Device	Proposed Level of replacement	Proposed Technology Level of replacement	Value from Table of Standard Fixture Ratings	Post-Inst. Control Device	Post-Inst. Control Device			
249	Reacher Road School	PLST FL - D	Restroom - Washes	Restroom	3	NL 4 E18E18AG	71	0.219	Switch	3	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	42	0.126	Switch	
250	Reacher Road School	PLST FL - D	Restroom - Washes	Restroom	1	NL 4 E18E18AG	66	0.206	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.272	Switch	
251	Reacher Road School	PLST FL - D	Hallway - B.W. W	Hallway	4	NL 4 E18E18 U F174	99	0.242	Switch	4	NL 4 E18E18 F174 NORMAL/REPL	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	16	0.112	Switch	
252	Reacher Road School	PLST FL - 5	OFFICE - Principal	Office	3	NL 4 E18E18 U F174	99	0.117	Switch	3	NL 4 E18E18 F174 LOW REFL	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	33	0.209	Wall Sensor	
253	Reacher Road School	PLST FL - 5	Classroom - Math	Classroom	6	NL 4 E18E18 U F174	78	0.456	65.0	Switch	6	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.373	Wall Sensor
254	Reacher Road School	PLST FL - 5	Restroom - Washes	Restroom	3	NL 4 E18E18AG	71	0.114	Switch	3	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	42	0.208	Wall Sensor	
255	Reacher Road School	PLST FL - 5	Classroom S1	Classroom	14	NL 4 E18E18 U F174	78	1.082	Switch	14	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.885	Overhead Ceiling Ceiling W/ Mount Sensor	
256	Reacher Road School	PLST FL - 5	Storage	Storage	2	NL 4 E18E18 U F174	99	0.114	Switch	2	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.208	Switch	
257	Reacher Road School	PLST FL - 5	Classroom S2	Classroom	14	NL 4 E18E18 U F174	78	1.092	52.0	Switch	14	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.882	Overhead Ceiling Ceiling W/ Mount Sensor
258	Reacher Road School	PLST FL - 5	Classroom S3	Classroom	8	(2) 18W CF Fluor	40	0.332	Switch	8	NEW 17W P Fluorescent (2) 18W Compact Fluorescent (1) 27W	17W Compact LED	17	0.138	Switch	
259	Reacher Road School	PLST FL - 5	Storage	Storage	1	NL 4 E18E18 U F174	99	0.257	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
260	Reacher Road School	PLST FL - 5	Classroom - Language Arts	Classroom	8	NL 4 E18E18 U F174	78	0.82	Switch	8	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.824	Wall Sensor	
261	Reacher Road School	PLST FL - 5	Classroom - Language Arts	Classroom	6	NL 4 E18E18 U F174	78	0.82	Switch	6	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.824	Wall Sensor	
262	Reacher Road School	PLST FL - 5	Classroom S1	Classroom	14	NL 4 E18E18 U F174	78	1.092	Switch	14	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.882	Overhead Ceiling Ceiling W/ Mount Sensor	
263	Reacher Road School	PLST FL - 5	Classroom S2	Classroom	14	NL 4 E18E18 U F174	78	1.092	Switch	14	NEW 17W P Fluorescent (2) 18W Compact Fluorescent (1) 27W	17W Compact LED	17	0.138	Switch	
264	Reacher Road School	PLST FL - 5	Storage	Storage	1	NL 4 E18E18 U F174	99	0.257	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
265	Reacher Road School	PLST FL - 5	Storage	Storage	1	NL 4 E18E18 U F174	99	0.257	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
266	Reacher Road School	PLST FL - 5	Storage	Storage	1	NL 4 E18E18 U F174	99	0.256	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
267	Reacher Road School	PLST FL - 5	Restroom - Boys	Restroom	2	NL 4 E18E18 U F174	99	0.114	Switch	2	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
268	Reacher Road School	PLST FL - 5	Classroom - Common Area	Classroom	6	18W Compact Fluorescent	166	0.299	Switch	6	17W LED Ballast	17W LED Screw in lamp (1)	17	0.100	Switch	
270	Reacher Road School	PLST FL - 5	Classroom - Common Area	Classroom	12	18W Compact Fluorescent	292	3.34	Switch	12	20W LED PAR38 Nac. Dimmable	20W LED Screw in lamp (1)	21	0.278	Overhead Ceiling Ceiling W/ Mount Sensor	
271	Reacher Road School	PLST FL - 5	Locker - Teachers	Locker	6	NL 4 E18E18 U F174	78	0.456	Switch	6	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.623	Overhead Ceiling Ceiling W/ Mount Sensor	
272	Reacher Road School	PLST FL - 5	Locker - Teachers	Locker	1	NL 4 E18E18 U F174	40	0.34	Switch	1	NEW 17W P Fluorescent (2) 18W Compact Fluorescent (1) 27W	17W Compact LED	17	0.138	Switch	
273	Reacher Road School	PLST FL - 5	Restroom - Washes	Restroom	6	NL 4 E18E18 U F174	78	0.456	Switch	6	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.373	Switch	
274	Reacher Road School	PLST FL - 5	Restroom - Girls	Restroom	2	NL 4 E18E18 U F174	99	0.114	Switch	2	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
275	Reacher Road School	PLST FL - 5	Classroom S1	Classroom	14	NL 4 E18E18 U F174	78	1.092	Switch	14	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.882	Overhead Ceiling Ceiling W/ Mount Sensor	
276	Reacher Road School	PLST FL - 5	Storage	Storage	1	NL 4 E18E18 U F174	99	0.257	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
277	Reacher Road School	PLST FL - 5	Classroom S5	Classroom	14	NL 4 E18E18 U F174	78	1.092	Switch	14	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.882	Overhead Ceiling Ceiling W/ Mount Sensor	
278	Reacher Road School	PLST FL - 5	Classroom S6	Classroom	8	(2) 18W CF Fluor	40	0.332	Switch	8	NEW 17W P Fluorescent (2) 18W Compact Fluorescent (1) 27W	17W Compact LED	17	0.138	Switch	
279	Reacher Road School	PLST FL - 5	Storage	Storage	1	NL 4 E18E18 U F174	99	0.257	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
280	Reacher Road School	PLST FL - 5	Classroom - Computer Lab	Classroom	9	NL 4 E18E18 U F174	78	0.902	Switch	9	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.85	Overhead Ceiling Ceiling W/ Mount Sensor	
281	Reacher Road School	PLST FL - 5	Classroom S7	Classroom	14	NL 4 E18E18 U F174	78	1.092	Switch	14	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.882	Overhead Ceiling Ceiling W/ Mount Sensor	
282	Reacher Road School	PLST FL - 5	Classroom S8	Classroom	8	(2) 18W CF Fluor	40	0.332	Switch	8	NEW 17W P Fluorescent (2) 18W Compact Fluorescent (1) 27W	17W Compact LED	17	0.138	Switch	
283	Reacher Road School	PLST FL - 5	Storage	Storage	1	NL 4 E18E18 U F174	99	0.256	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
284	Reacher Road School	PLST FL - 5	Classroom S4	Classroom	14	NL 4 E18E18 U F174	78	1.092	Switch	14	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.882	Overhead Ceiling Ceiling W/ Mount Sensor	
285	Reacher Road School	PLST FL - 5	Storage	Storage	1	NL 4 E18E18 U F174	99	0.257	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
286	Reacher Road School	PLST FL - 5	Restroom - Boys	Restroom	2	NL 4 E18E18 U F174	78	0.114	Switch	2	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	42	0.208	Switch	
287	Reacher Road School	PLST FL - 5	Office - Booth	Office	3	NL 4 E18E18 U F174	99	0.117	Switch	3	NL 4 E18E18 F174 LOW REFL	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	33	0.209	Wall Sensor	
288	Reacher Road School	PLST FL - 5	Restroom - Girls	Restroom	1	NL 4 E18E18 U F174	78	0.272	Switch	1	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	42	0.208	Switch	
289	Reacher Road School	PLST FL - 5	Restroom - Girls	Restroom	1	NL 4 E18E18 U F174	99	0.114	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
290	Reacher Road School	PLST FL - 5	Restroom - Girls	Restroom	1	(1) F20 T8 U F174	55	0.156	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
291	Reacher Road School	PLST FL - 5	Classroom S9	Classroom	14	NL 4 E18E18 U F174	78	1.092	Switch	14	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.882	Overhead Ceiling Ceiling W/ Mount Sensor	
292	Reacher Road School	PLST FL - 5	Storage	Storage	1	NL 4 E18E18 U F174	99	0.257	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
293	Reacher Road School	PLST FL - 5	Classroom S12	Classroom	14	NL 4 E18E18 U F174	78	1.092	Switch	14	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.882	Overhead Ceiling Ceiling W/ Mount Sensor	
294	Reacher Road School	PLST FL - 5	Classroom S12	Classroom	8	(2) 18W CF Fluor	40	0.332	Switch	8	NEW 17W P Fluorescent (2) 18W Compact Fluorescent (1) 27W	17W Compact LED	17	0.138	Switch	
295	Reacher Road School	PLST FL - 5	Storage	Storage	1	NL 4 E18E18 U F174	99	0.256	Switch	1	NL 4 E18E18 F174 LOW	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	32	0.202	Switch	
296	Reacher Road School	PLST FL - 5	Office - Copy	Office	9	NL 4 E18E18 U F174	78	0.75	Switch	9	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.567	Wall Sensor - Dual Tech	
297	Reacher Road School	PLST FL - 5	Office - Reception, Parth	Office	3	NL 4 E18E18 U F174	99	0.117	Switch	3	NL 4 E18E18 F174 LOW REFL	Fluorescent (1) 4' x 4' long, 150 Energy Saver, Instant Start Ballast, 150/200/245	33	0.209	Switch	
298	Reacher Road School	PLST FL - 5	Classroom S11	Classroom	14	NL 4 E18E18 U F174	78	1.092	Switch	14	NL 4 E18E18 LOW	Fluorescent (1) 4' x 4' long, Instant Start Ballast, 150/200/245	63	0.882	Overhead Ceiling Ceiling W/ Mount Sensor	
299	Reacher Road School	PLST FL - 5	Classroom S11	Classroom	8	(2) 18W CF Fluor	40	0.332	Switch	8	NEW 17W P Fluorescent (2) 18W Compact Fluorescent (1) 27W	17W Compact LED	17	0.138	Switch	

EXHIBIT A-1

Line Item	Area Description - Building Room	Usage Group ID	Pre-Fit No.	Pre-Fit Description	PRE-INSTALLATION			POST-INSTALLATION			Post Watts/Fit	Post A/W Space	Prep Cost	
					Pre-Fit Description	Pre Watts/Fit	Pre A/W Space	Measured Post-Castles	Field Cost	Post-Fit No.				Post-Fit Description
320	Teacher Road School	WNS	1	2L F32TUURE	59	0.09		Switch	1	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	23	0.02	Switch
321	Teacher Road School	WNS	14	2L F32TUURE	79	1.09		Switch	14	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	43	0.48	Overhead/Cover Ceiling W/ Mount Sensor
322	Teacher Road School	WNS	1	2L F32TUURE	59	0.09		Switch	1	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	23	0.02	Switch
323	Teacher Road School	WNS	2	2L F32TUURE	71	0.14		Switch	2	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	41	0.04	Overhead/Cover Ceiling W/ Mount Sensor
324	Teacher Road School	WNS	4	2L F32TUURE	59	0.37		Switch	4	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	45	0.17	Overhead/Cover Ceiling W/ Mount Sensor
325	Teacher Road School	WNS	1	2L F32TUURE	59	0.09		Switch	1	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	23	0.02	Switch
326	Teacher Road School	WNS	4	2L F32TUURE	59	0.34		Switch	4	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	26	0.15	Switch
327	Teacher Road School	WNS	1	2L F32TUURE	59	0.09		Switch	1	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	16	0.02	Switch
328	Teacher Road School	WNS	11	2L F32TUURE	59	0.69		Switch	11	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	14	0.26	Switch
329	Teacher Road School	WNS	4	2L F32TUURE	59	0.34		Switch	4	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	16	0.15	Switch
330	Teacher Road School	WNS	1	LED	4	0.02		Breaker	1	NO UPGRADE	ENTL Light Fixtures Only, CW LED	4	0.01	Breaker
331	Teacher Road School	WNS	15	2L F32TUURE	59	0.94		Switch	15	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	16	0.15	Switch
332	Teacher Road School	WNS	3	2L F32TUURE	59	0.17		Switch	3	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	16	0.07	Switch
333	Teacher Road School	WNS	3	LED	4	0.02		Breaker	3	NO UPGRADE	ENTL Light Fixtures Only, CW LED	4	0.01	Breaker
334	Teacher Road School	WNS	15	2L F32TUURE	59	0.88		Switch	15	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	14	0.22	Switch
335	Teacher Road School	WNS	7	2L F32TUURE	59	0.18		Switch	7	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	16	0.05	Switch
336	Teacher Road School	WNS	3	LED	4	0.02		Breaker	3	NO UPGRADE	ENTL Light Fixtures Only, CW LED	4	0.01	Breaker
337	Teacher Road School	WNS	2	12-18" CF Fluoro	40	0.08		Switch	2	NEW 17W 4' Fluorescent, Instant Start, Ballast, E10, E17, E85	17	0.03	Switch	
338	Teacher Road School	WNS	3	2L F32TUURE	71	0.21		Switch	3	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	42	0.12	Switch
339	Teacher Road School	WNS	1	2L F32TUURE	56	0.06		Switch	1	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	13	0.02	Switch
340	Teacher Road School	WNS	7	2L F32TUURE	59	0.41		Switch	7	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	16	0.18	Overhead/Cover Ceiling W/ Mount Sensor
341	Teacher Road School	WNS	15	2L F32TUURE	59	1.47	5.0	Switch	15	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	65	0.27	Overhead/Cover Ceiling W/ Mount Sensor
342	Teacher Road School	WNS	1	2L F32TUURE	55	0.09		Switch	1	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	42	0.04	Switch
343	Teacher Road School	WNS	3	2L F32TUURE	59	0.18		Switch	3	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	42	0.12	Switch
344	Teacher Road School	WNS	7	2L F32TUURE	59	0.41		Switch	7	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	24	0.18	Switch
345	Teacher Road School	WNS	1	LED	4	0.02		Breaker	1	NO UPGRADE	ENTL Light Fixtures Only, CW LED	4	0.01	Breaker
346	Teacher Road School	WNS	1	2L F32TUURE	56	0.06		Switch	1	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	23	0.02	Switch
347	Teacher Road School	WNS	1	2L F32TUURE	56	0.06		Switch	1	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	23	0.02	Switch
348	Teacher Road School	WNS	12	2L F32TUURE	59	1.17		Switch	12	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	65	0.28	Overhead/Cover Ceiling W/ Mount Sensor
349	Teacher Road School	WNS	1	2L F32TUURE	59	0.06		Switch	1	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	42	0.03	Overhead/Cover Ceiling W/ Mount Sensor
350	Teacher Road School	WNS	12	2L F32TUURE	160	1.93	3432.0	Switch	12	NO UPGRADE	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	155	2.23	Ball in Socket
351	Teacher Road School	WNS	12	2L F32TUURE	160	1.92	2127	Switch	12	NO UPGRADE	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	155	2.22	Ball in Socket
352	Teacher Road School	WNS	8	2L F32TUURE	160	1.28		Breaker	8	REMOVE	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	8	0.20	Breaker
353	Teacher Road School	WNS	3	LED	4	0.02		Breaker	3	NO UPGRADE	ENTL Light Fixtures Only, CW LED	4	0.01	Breaker
354	Teacher Road School	WNS	2	2L F32TUURE	59	0.15		Switch	2	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	43	0.08	Switch
355	Teacher Road School	WNS	4	2L F32TUURE	59	0.28		Switch	4	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	43	0.10	Switch
356	Teacher Road School	WNS	2	2L F32TUURE	59	0.15		Switch	2	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	43	0.08	Switch
357	Teacher Road School	WNS	1	2L F32TUURE	71	0.07		Switch	1	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	42	0.04	Switch
358	Teacher Road School	WNS	2	2L F32TUURE	59	0.15		Switch	2	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	42	0.08	Switch
359	Teacher Road School	WNS	9	2L F32TUURE	59	0.58	3.0	Switch	9	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	42	0.20	Overhead/Cover Ceiling W/ Mount Sensor
360	Teacher Road School	WNS	1	2L F32TUURE	59	0.02		Switch	1	2L F32TUURE NORMAL/EFF	Fluorescent, (1)2' x 4' lamp, 11W Energy Star, Instant Start, Ballast, E10, E17, E85	16	0.02	Switch
361	Teacher Road School	WNS	3	LED	4	0.02		Breaker	3	NO UPGRADE	ENTL Light Fixtures Only, CW LED	4	0.01	Breaker
362	Teacher Road School	WNS	1	60W INCANDESCENT	48	0.06		Switch	1	11W LED	11W LED, Instant Start, Ballast, E10, E17, E85	11	0.01	Switch
363	Teacher Road School	WNS	5	2L F32TUURE	59	0.26		Switch	5	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	42	0.13	Switch
364	Teacher Road School	WNS	3	2L F32TUURE	59	0.15		Switch	3	2L F32TUURE LOW	Fluorescent, (1)2' x 4' lamp, Instant Start, Ballast, E10, E17, E85	42	0.12	Switch
365	Teacher Road School	WNS	1	LED	4	0.02		Breaker	1	NO UPGRADE	ENTL Light Fixtures Only, CW LED	4	0.01	Breaker
366	Teacher Road School	WNS	14	200W HPS BALLAST	465	4.71	24	Breaker	14	NEW 200W Electronic Ballast	200W Electronic Ballast	216	1.21	Breaker

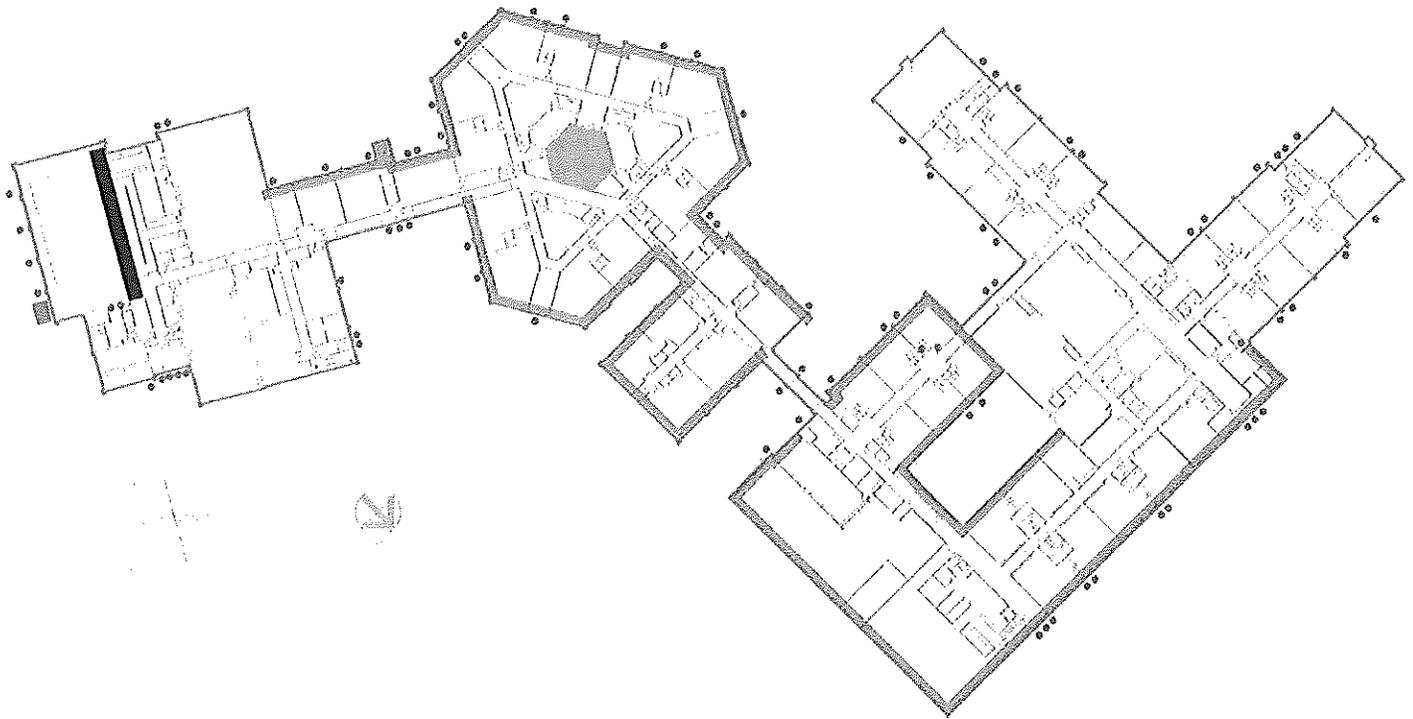
EXHIBIT A-1

Item	Item Description	Area Description - Building/Rm	Usage Group ID	PRE-INSTALLATION				POST-INSTALLATION							
				Pre-Fit No.	Pre-Fit Description	Pre Watts/Fit	Pre AW/Space	Measured Post-Carrier	Exist. Cont. Status	Post-Fit No.	Post-Fit Description	Post Technology Description	Post Watts/Fit	Post AW/Space	Prep Cost
Item	Item	Usage Description of the location that matches the usage group	Discipline name for the usage group	No. of fixtures before the retrofit	Pre-Fit Fixture Description	(Watts/Fit) (1000 Watts/1000 ft²) (Pre Watts/1000 ft²) (Pre Watts/1000 ft²) (Pre Watts/1000 ft²)	(Pre Watts/1000 ft²) (Pre Watts/1000 ft²) (Pre Watts/1000 ft²) (Pre Watts/1000 ft²)	Post-Fit No.	Post-Fit Description	Proposed Technology Description	Value from Table of Standard Fixture Watts	Post-Fit Watts/Fit (Post-Fit No.)	Post-Fit AW/Space (Post-Fit No.)	Pre-Fit Cost (Post-Fit No.)	
350	Reacher Road School	PLST FL - 3	ENVO	3	LED	4	0.23	Breaker	3	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.21	Breaker	
351	Reacher Road School	PLST FL - 5	ENVO	4	4x4 E835NAG	77	0.28	Switch	4	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.16	Switch	
352	Reacher Road School	PLST FL - 5	ENVO	3	7x7 T8 LED	93	0.30	Switch	4	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.21	Switch	
353	Reacher Road School	PLST FL - 5	ENVO	1	LED	4	0.20	Breaker	1	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
354	Reacher Road School	PLST FL - 5	ENVO	4	7x7 T8 LED	93	0.28	Switch	4	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.16	Switch	
355	Reacher Road School	PLST FL - 5	ENVO	1	LED	4	0.20	Breaker	1	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
356	Reacher Road School	PLST FL - 5	ENVO	7	7x7 T8 LED	93	0.34	Switch	7	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.21	Switch	
357	Reacher Road School	PLST FL - 5	ENVO	7	7x7 T8 LED	93	0.34	Switch	7	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.21	Switch	
358	Reacher Road School	PLST FL - 5	ENVO	6	7x7 T8 LED	93	0.31	Switch	6	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.20	Switch	
359	Reacher Road School	PLST FL - 5	ENVO	2	N.P2-T8 U-TUBE	59	0.25	Switch	1	N.T. LED FITE LOW	Floorwork, 10'48" x 14' long, 15W Energy Star, InstantStart Ballast, ELO, E835-0145	13	0.25	Switch	
360	Reacher Road School	PLST FL - 5	ENVO	2	LED	4	0.20	Breaker	2	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
361	Reacher Road School	PLST FL - 5	ENVO	2	7x7 T8 LED	93	0.31	Switch	2	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.28	Switch	
362	Reacher Road School	PLST FL - 5	ENVO	3	N.T. LED	93	0.31	Switch	3	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.25	Switch	
363	Reacher Road School	PLST FL - 5	ENVO	2	7x7 T8 LED	93	0.31	Switch	2	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.28	Switch	
364	Reacher Road School	PLST FL - 5	ENVO	1	7x7 T8 LED	93	0.31	Switch	1	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.25	Switch	
365	Reacher Road School	PLST FL - 5	ENVO	1	10W INCANDESCENT	106	0.43	Switch	1	10W LED A19	10W LED Screw in base (11)	11	0.21	Switch	
366	Reacher Road School	PLST FL - 5	ENVO	1	7x7 T8 LED	93	0.31	Switch	1	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.20	Switch	
367	Reacher Road School	PLST FL - 5	ENVO	3	7x7 T8 LED	93	0.31	Switch	3	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.25	Switch	
368	Reacher Road School	PLST FL - 5	ENVO	5	7x7 T8 LED	93	0.38	Switch	5	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.21	Switch	
369	Reacher Road School	PLST FL - 5	ENVO	13	4x4 T8 LED	99	1.24	Switch	13	N.T. LED NORMAL IN A19	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.24	Switch	
370	Reacher Road School	PLST FL - 5	ENVO	4	LED	4	0.20	Breaker	4	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
371	Reacher Road School	PLST FL - 5	ENVO	3	6x6 T8 LED	93	0.26	Switch	3	N.T. LED NORMAL IN A19	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.14	Switch	
372	Reacher Road School	PLST FL - 5	ENVO	2	7x7 T8 LED	93	0.31	Switch	2	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.28	Switch	
373	Reacher Road School	PLST FL - 5	ENVO	3	4x4 E835NAG	144	0.48	Switch	3	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.12	Switch	
374	Reacher Road School	PLST FL - 5	ENVO	14	4x4 E835NAG	144	0.55	99.0	14	N.T. LED NORMAL IN A19	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.17	Switch	
375	Reacher Road School	PLST FL - 5	ENVO	1	LED	4	0.20	Breaker	1	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
376	Reacher Road School	PLST FL - 5	ENVO	2	4x4 E835NAG	144	0.28	Switch	2	N.T. LED NORMAL IN A19	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.26	Switch	
377	Reacher Road School	PLST FL - 5	ENVO	3	N.P2-T8 U-TUBE	59	0.17	Switch	3	N.T. LED FITE NORMAL IN A19	Floorwork, 10'48" x 14' long, 15W Energy Star, InstantStart Ballast, ELO, E835-0145	13	0.27	Switch	
378	Reacher Road School	PLST FL - 5	ENVO	1	LED	4	0.20	Breaker	1	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
379	Reacher Road School	PLST FL - 5	ENVO	4	7x7 T8 LED	93	0.28	Switch	4	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.16	Switch	
380	Reacher Road School	PLST FL - 5	ENVO	8	7x7 T8 LED	93	0.42	Switch	8	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.36	Switch	
381	Reacher Road School	PLST FL - 5	ENVO	1	4x4 E835NAG	144	0.16	Switch	1	N.T. LED NORMAL IN A19	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.28	Switch	
382	Reacher Road School	PLST FL - 5	ENVO	1	4x4 E835NAG	144	0.14	50.0	Switch	1	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.24	Switch
383	Reacher Road School	PLST FL - 5	ENVO	1	7x7 T8 LED	93	0.31	Switch	1	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.28	Switch	
384	Reacher Road School	PLST FL - 5	ENVO	1	7x7 T8 LED	93	0.31	Switch	1	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.21	Switch	
385	Reacher Road School	PLST FL - 5	ENVO	10	7x7 T8 LED	93	0.52	Switch	10	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.42	Switch	
386	Reacher Road School	PLST FL - 5	ENVO	11	7x7 T8 LED	93	0.37	Switch	11	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.47	Switch	
387	Reacher Road School	PLST FL - 5	ENVO	2	LED	4	0.20	Breaker	2	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
388	Reacher Road School	PLST FL - 5	ENVO	7	7x7 T8 LED	93	0.18	Switch	7	N.T. LED LOW	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.24	Switch	
389	Reacher Road School	PLST FL - 5	ENVO	1	4x4 T8 LED	99	0.08	50.0	Switch	1	N.T. LED NORMAL IN A19	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.28	Switch
390	Reacher Road School	PLST FL - 5	ENVO	20	4x4 T8 LED	99	1.66	\$49.95	Switch	20	N.T. LED NORMAL IN A19	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	1.31	Switch
391	Reacher Road School	PLST FL - 5	ENVO	20	4x4 T8 LED	99	1.99	Switch	20	N.T. LED NORMAL IN A19	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	1.33	Switch	
392	Reacher Road School	PLST FL - 5	ENVO	30	10W INCANDESCENT	110	3.50	Switch	30	10W LED A19	10W LED Screw in base (11)	11	0.33	Switch	
393	Reacher Road School	PLST FL - 5	ENVO	2	LED	4	0.20	Breaker	2	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
394	Reacher Road School	PLST FL - 5	ENVO	8	4x4 T8 LED	99	0.81	29.0	Switch	8	N.T. LED NORMAL IN A19	Floorwork, 10'48" x 14' long, Island Star Ballast, ELO, E835-0145	41	0.81	Switch
395	Reacher Road School	PLST FL - 5	ENVO	1	LED	4	0.20	Breaker	1	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
396	Reacher Road School	PLST FL - 5	ENVO	7	N.P2-T8 U-TUBE	59	0.41	25.0	Switch	7	N.T. LED FITE NORMAL IN A19	Floorwork, 10'48" x 14' long, 15W Energy Star, InstantStart Ballast, ELO, E835-0145	13	0.41	Switch
397	Reacher Road School	PLST FL - 5	ENVO	2	LED	4	0.20	Breaker	2	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
398	Reacher Road School	PLST FL - 5	ENVO	16	N.P2-T8 U-TUBE	59	0.54	Switch	16	N.T. LED FITE NORMAL IN A19	Floorwork, 10'48" x 14' long, 15W Energy Star, InstantStart Ballast, ELO, E835-0145	13	0.43	Switch	
399	Reacher Road School	PLST FL - 5	ENVO	4	LED	4	0.20	Breaker	4	NO UPGRADE	ENTH Light Fixtures, 40 LED	4	0.20	Breaker	
399	Reacher Road School	PLST FL - 5	ENVO	1	4x4 E835NAG	66	0.26	Switch	1	N.T. LED FITE LOW	Floorwork, 10'48" x 14' long, 15W Energy Star, InstantStart Ballast, ELO, E835-0145	13	0.26	Switch	

EXHIBIT A-1

Line Item	Area Description - Building/Room	Usage Group ID	Pre-Inst. No.	Pre-Inst. Description	Pre-Inst. Qty	Pre-Inst. Unit Cost	Pre-Inst. Total Cost	Pre-Inst. Material Cost	Pre-Inst. Labor Cost	Pre-Inst. Notes	PRE-INSTALLATION		POST-INSTALLATION			
											Measured Post-Castles	Field Cost	Post-Inst. No.	Post-Inst. Description	Post-Inst. Qty	Post-Inst. Unit Cost
400	Teacher Road School	CLASS FL - LED	1	60W INCANDESCENT	44	0.56	24.64		Scrub	1	11W LED A19	11W LED Screw in lamp (1)	11	0.51	5.61	Scrub
401	Teacher Road School	CLASS FL - LED	1	100W INCANDESCENT	100	0.10	10.00		Scrub	1	11W LED A19	11W LED Screw in lamp (1)	11	0.21	2.31	Scrub
402	Teacher Road School	CLASS FL - LED	1	120W INCANDESCENT	56	0.56	31.36		Scrub	1	2x4 LED FLTR LOW	Fluorescent (1) 4' x 4' 1/4 lamp, 1/4 Energy Star, Instant Start Ballast, 2.0/0.2/0.45	23	0.75	17.25	Scrub
403	Teacher Road School	ATTIC - HVAC	1	ATTIC - HVAC												
404	Teacher Road School	ATTIC - HVAC	1	24" DE VENT	79	0.07	5.53		Scrub	1	2x4 LED LOW	Fluorescent (1) 4' x 4' 1/4 lamp, Instant Start Ballast, 2.0/0.2/0.45	42	0.54	22.78	Scrub
405	Teacher Road School	ATTIC - HVAC	8	24" DE VENT	33	0.54	17.82		Scrub	8	11W LED A19	11W LED Screw in lamp (1)	11	0.56	6.16	Scrub
406	Teacher Road School	BOARD OF EDUCATION	1	BOARD OF EDUCATION												
407	Teacher Road School	BOARD OF EDUCATION	6	OFFICE - Open	6	0.88	5.28	0.77	Scrub	6	2x4 LED 2x8W/4'x4'x1"	Fluorescent (1) 4' x 4' 1/4 lamp, Instant Start Ballast, 2.0/0.2/0.45	45	0.28	12.60	Scrub
408	Teacher Road School	BOARD OF EDUCATION	1	OFFICE	1	0.08	0.08		Scrub	1	2x4 LED 2x8W/4'x4'x1"	Fluorescent (1) 4' x 4' 1/4 lamp, Instant Start Ballast, 2.0/0.2/0.45	48	0.28	12.60	Wall Sensor
409	Teacher Road School	BOARD OF EDUCATION	1	LABORATORY	1	0.56	0.56		Scrub	1	2x4 LED FLTR LOW	Fluorescent (1) 4' x 4' 1/4 lamp, 1/4 Energy Star, Instant Start Ballast, 2.0/0.2/0.45	31	0.75	23.25	Scrub
410	Teacher Road School	BOARD OF EDUCATION	2	OFFICE - Mail	2	0.15	0.30	1.70	Scrub	2	2x4 LED 2x8W/4'x4'x1"	Fluorescent (1) 4' x 4' 1/4 lamp, Instant Start Ballast, 2.0/0.2/0.45	48	0.06	2.52	Scrub
411	Teacher Road School	BOARD OF EDUCATION	8	OFFICE - Individual	8	0.42	3.36		Scrub	8	2x4 LED LOW	Fluorescent (1) 4' x 4' 1/4 lamp, Instant Start Ballast, 2.0/0.2/0.45	43	0.52	21.86	Overhead Control Ceiling Wall Sensor
412	Teacher Road School	BOARD OF EDUCATION	4	CONFERENCE ROOM	4	0.32	1.28		Scrub	4	2x4 LED 2x8W/4'x4'x1"	Fluorescent (1) 4' x 4' 1/4 lamp, Instant Start Ballast, 2.0/0.2/0.45	43	0.12	4.92	Overhead Control Ceiling Wall Sensor
413	Teacher Road School	BOARD OF EDUCATION	1	STORAGE - Files	1	0.08	0.08		Scrub	1	2x4 LED LOW	Fluorescent (1) 4' x 4' 1/4 lamp, Instant Start Ballast, 2.0/0.2/0.45	42	0.54	22.78	Scrub
414	Teacher Road School	BOARD OF EDUCATION	2	OFFICE - Executive, Operations	2	0.16	0.32		Scrub	2	2x4 LED 2x8W/4'x4'x1"	Fluorescent (1) 4' x 4' 1/4 lamp, Instant Start Ballast, 2.0/0.2/0.45	49	0.76	31.24	Scrub
415	Teacher Road School	BOARD OF EDUCATION	2	KITCHEN	2	0.16	0.32	1.70	Scrub	2	2x4 LED 2x8W/4'x4'x1"	Fluorescent (1) 4' x 4' 1/4 lamp, Instant Start Ballast, 2.0/0.2/0.45	49	0.76	31.24	Wall Sensor
416	Teacher Road School	BOARD OF EDUCATION	6	TEACHER - SQA Assembly	6	0.34	2.04		Scrub	6	2x4 LED FLTR 2x8W/4'x4'x1"	Fluorescent (1) 4' x 4' 1/4 lamp, 1/4 Energy Star, Instant Start Ballast, 2.0/0.2/0.45	24	0.18	7.20	Scrub
417	Teacher Road School	BOARD OF EDUCATION	3	DATA	3	0.12	0.36		Breaker	3	NO UPGRADE	NO UPGRADE	4	0.12	0.48	Breaker
418	Teacher Road School	PERIMETER	PERIMETER	PERIMETER												
419	Teacher Road School	PERIMETER	PERIMETER	PERIMETER	6	0.20	1.20		Breaker	6	NO UPGRADE	Compact Fluorescent, 4' x 4' 1/4 lamp, (1) 2' x 4' lamp	31	0.20	6.00	Breaker
420	Teacher Road School	PERIMETER	PERIMETER	PERIMETER	9	1.08	9.72		Breaker	9	17W LED PARM WELL RATED NEW 2x4 LED PARM WELL RATED PHOTOCELL	17W LED Screw in lamp (1)	15	0.17	2.55	Breaker
421	Teacher Road School	PERIMETER	PERIMETER	PERIMETER	3	0.56	1.68		Breaker	1	16W EXTERIOR LED	16W EXTERIOR LED	15	0.14	2.10	Breaker
422	Teacher Road School	PERIMETER	PERIMETER	PERIMETER	4	0.52	2.08		Breaker	4	NEW 2x4 LED FLOODLIGHT PHOTOCELL	12W EXTERIOR LED	72	0.28	20.16	Breaker
423	Teacher Road School	PERIMETER	PERIMETER	PERIMETER	6	0.23	1.38		Breaker	6	17W LED PARM WELL RATED NEW 2x4 LED PARM WELL RATED PHOTOCELL	17W LED Screw in lamp (1)	12	0.14	1.68	Breaker
424	Teacher Road School	PERIMETER	PERIMETER	PERIMETER	5	0.34	1.70		Breaker	5	WALLPACK PHOTOCELL NEW 2x4 LED FLOOD TYPE	16W EXTERIOR LED	78	0.14	10.92	Breaker
425	Teacher Road School	PERIMETER	PERIMETER	PERIMETER	2	0.26	0.52		Breaker	2	WALLPACK PHOTOCELL NEW 2x4 LED FLOOD TYPE	16W EXTERIOR LED	81	0.14	11.34	Breaker
426	Teacher Road School	PERIMETER	PERIMETER	PERIMETER	1	0.34	0.34		Breaker	1	NO UPGRADE	Compact Fluorescent, 4' x 4' 1/4 lamp, (1) 2' x 4' lamp	34	0.14	4.76	Breaker
427	Teacher Road School	PERIMETER	PERIMETER	PERIMETER	22	4.15	91.30		Breaker	22	NEW 47W LED POST TOP NEW 2x4 LED PARM WELL RATED PHOTOCELL	32W EXTERIOR LED	61	1.15	70.15	Breaker
428	Teacher Road School	PERIMETER	PERIMETER	PERIMETER	6	1.14	6.84		Breaker	6	NO UPGRADE	Compact Fluorescent, 4' x 4' 1/4 lamp, (1) 2' x 4' lamp	41	0.52	21.32	Breaker
				TOTAL	2,150		178,809						2,149		104,864	

Building Envelope



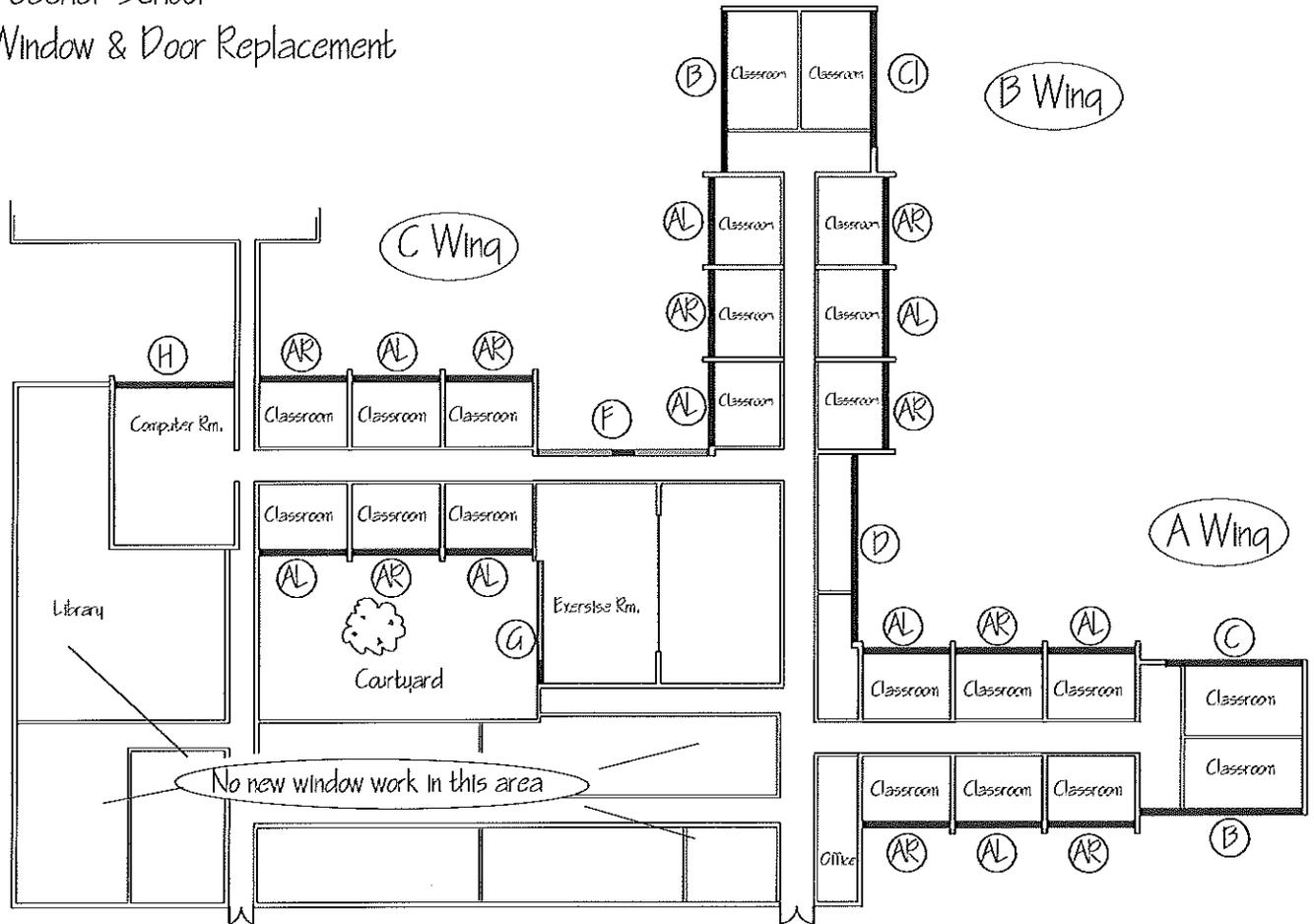
ESG ENERGY SYSTEMS GROUP

- | | | |
|------------------|------------------------------------|---|
| ■ GARAGE DOOR | ■ THERMAX "I-BEAM" | ■ INSULATE & SEAL ROOF WALL BETWEEN POOL & RAMP |
| ■ SEAL ROOF WALL | ■ BLOWER DOOR DIRECTED AIR SEALING | ■ WEATHERSTRIP DOORS |

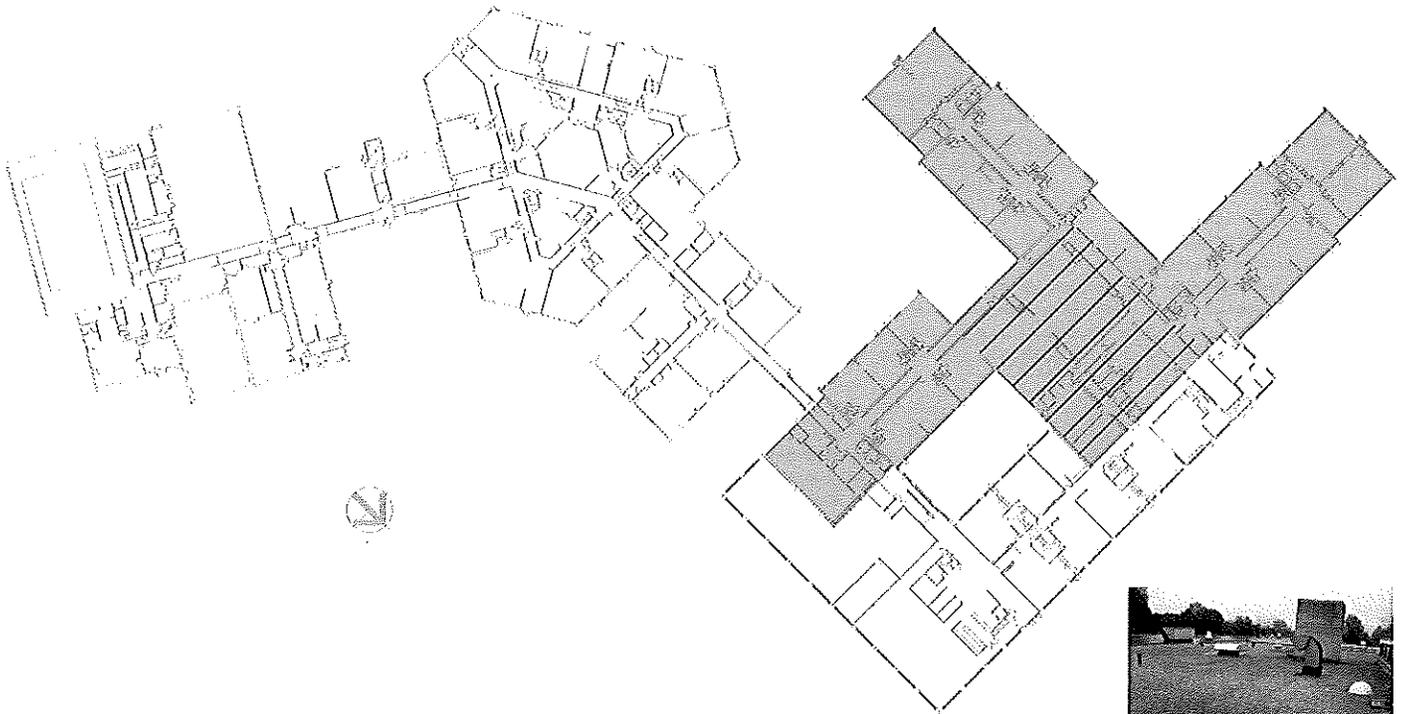
EXHIBIT A-2

A-32

A & A Window Products
 Beecher School
 Window & Door Replacement



Roof



ESG ENERGY SYSTEMS GROUP

ENERGY STAR ROOF SYSTEM - PVC
ADDITIONAL ROOF DRAIN
PHOTOVOLTIAIC

New Ceiling Works

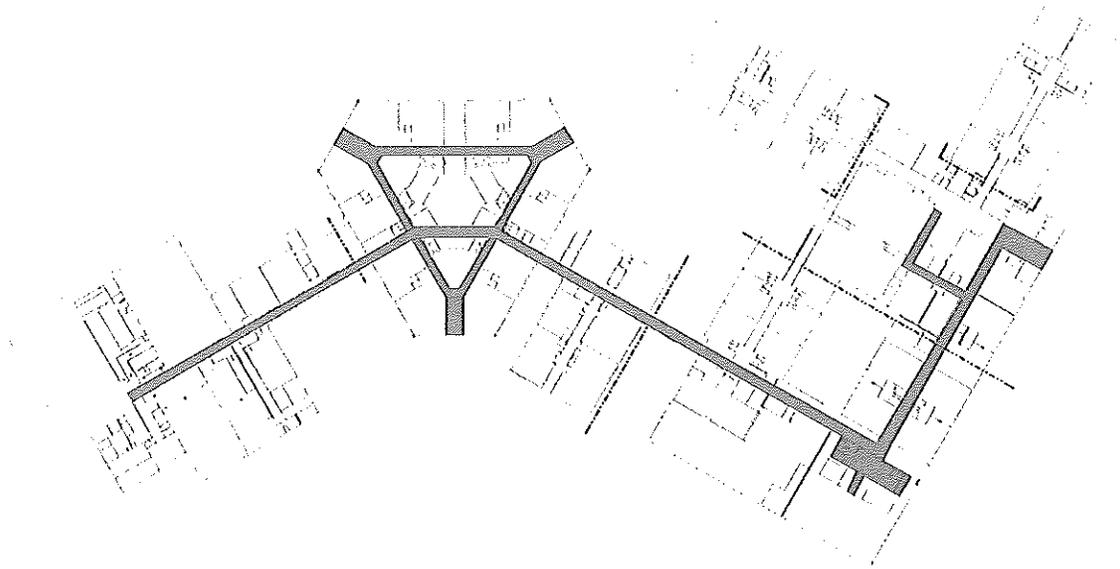
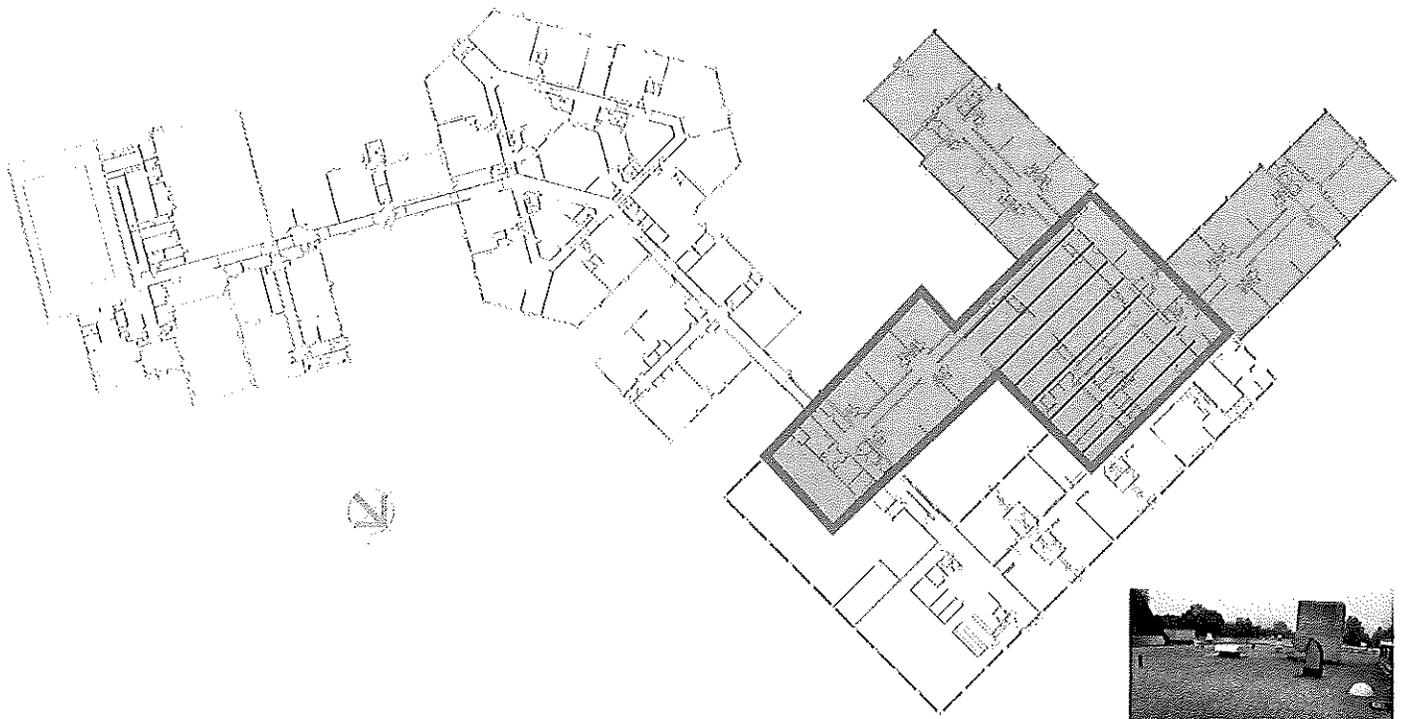


EXHIBIT A-5



■ NEW TILES ONLY

FV LOCATION



ESG ENERGY SYSTEMS GROUP

 PHOTOVOLTIAIC

Proposed Caseworks & Sinks

TO MATCH EXISTING CASEWORKS

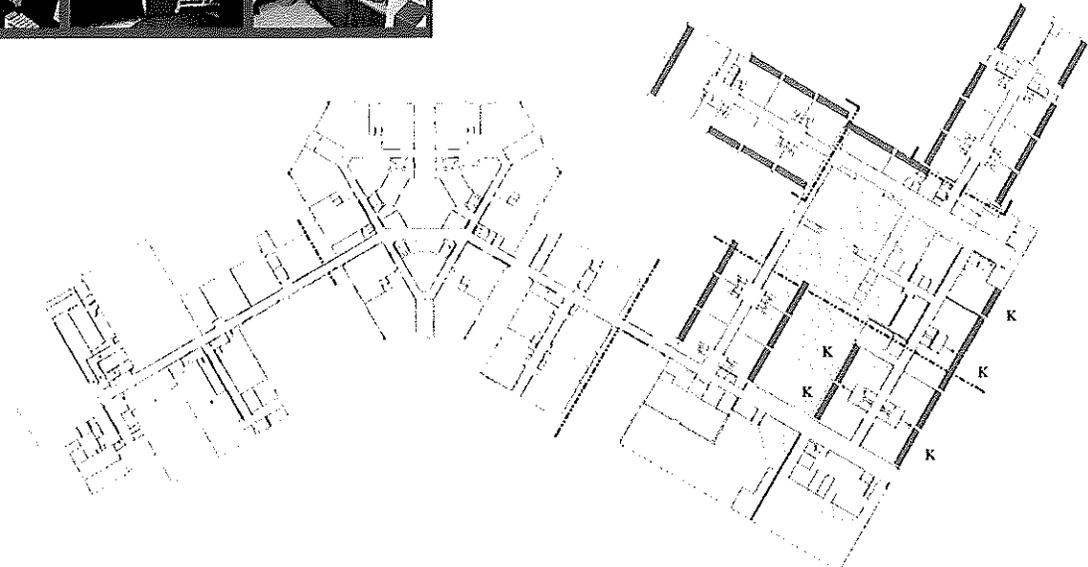
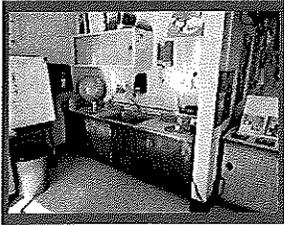
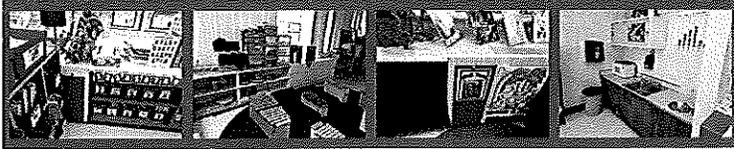


EXHIBIT A-7

Note: K wing mill work to replace 7-foot unit ventilators being removed

■ NEW CASEWORK & SINKS



Proposed Painting

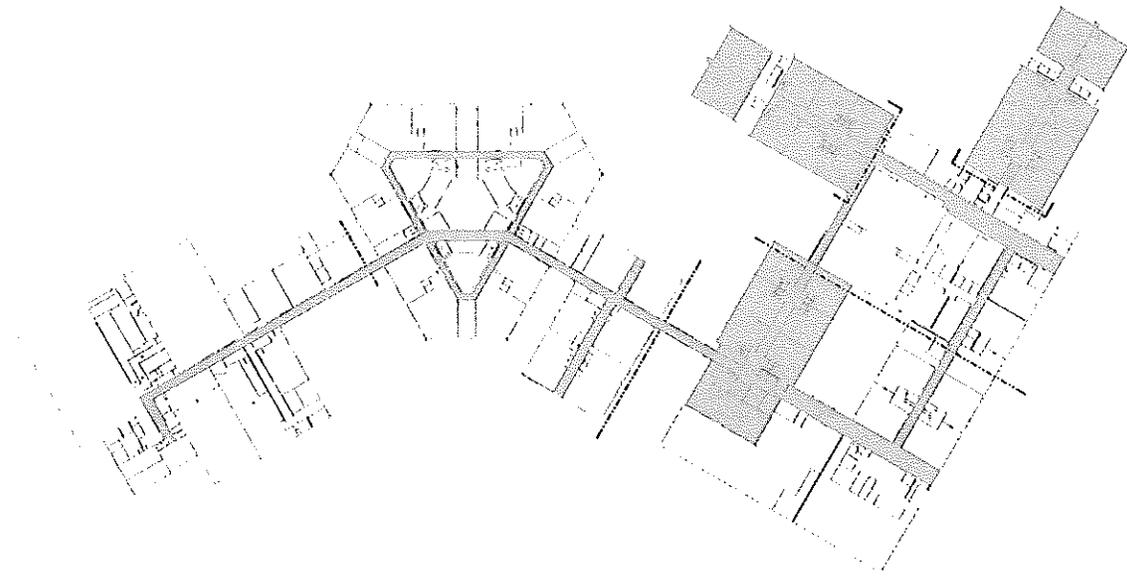
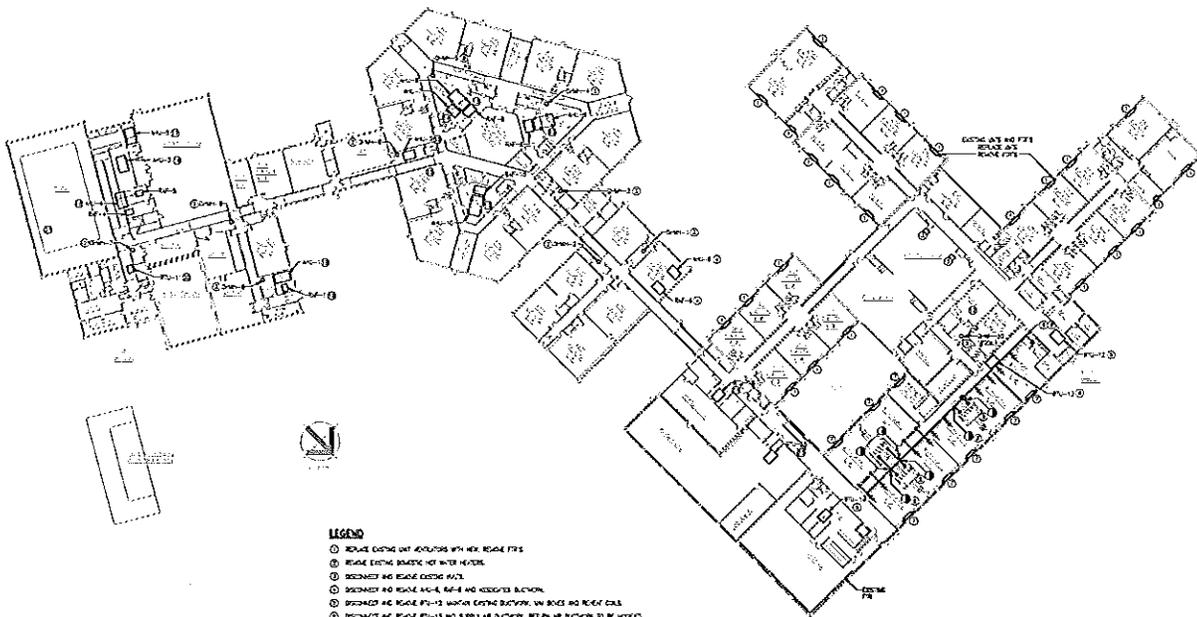


EXHIBIT A-8

ESG ENERGY SYSTEMS GROUP

■ NEW PAINT



LEGEND

- ① REMOVE EXISTING UNIT AND/OR PIPING WITH NEW REMOVE FITS
- ② REMOVE EXISTING CONDENSATE HOT WATER HEATER
- ③ DISCONNECT AND REMOVE EXISTING PIPING
- ④ DISCONNECT AND REMOVE #10-12 AND ASSOCIATED DUCTWORK
- ⑤ DISCONNECT AND REMOVE #10-12 WATER EXISTING DUCTWORK, VAN BOXES AND ROOF TOP COILS
- ⑥ DISCONNECT AND REMOVE #10-12 GAS SUPPLY AIR DUCTWORK, RETURN AIR DUCTWORK TO BE REUSED
- ⑦ DISCONNECT AND REMOVE EXISTING #12'S AND REMOVE EXISTING FITS, CAP PIPING
- ⑧ RECONNECT TRAYS EXISTING FROM EXISTING EXHAUST
- ⑨ DISCONNECT AND REMOVE EXISTING UNIT #10-14 EXISTING DUCTWORK TO REMAIN
- ⑩ DISCONNECT AND REMOVE EXISTING UNIT #10-15 EXISTING DUCTWORK TO REMAIN
- ⑪ DISCONNECT AND REMOVE EXISTING UNIT #10-16 EXISTING DUCTWORK TO REMAIN
- ⑫ REMOVE EXISTING CONDENSATE PIPING, PIPES AND OTHER APPURTENANCES
- ⑬ DISCONNECT AND REMOVE EXISTING UNIT #10-18, #10-19, #10-20, #10-21, #10-22, #10-23 AND ASSOCIATED DUCTWORK
- ⑭ DISCONNECT AND REMOVE EXISTING UNIT #10-24 AND ASSOCIATED DUCTWORK
- ⑮ DISCONNECT AND REMOVE EXISTING UNIT #10-25 AND ASSOCIATED DUCTWORK
- ⑯ DISCONNECT AND REMOVE EXISTING UNIT #10-26, #10-27, #10-28, #10-29, #10-30, #10-31, #10-32, #10-33, #10-34, #10-35, #10-36, #10-37, #10-38, #10-39, #10-40, #10-41, #10-42, #10-43, #10-44, #10-45, #10-46, #10-47, #10-48, #10-49, #10-50, #10-51, #10-52, #10-53, #10-54, #10-55, #10-56, #10-57, #10-58, #10-59, #10-60, #10-61, #10-62, #10-63, #10-64, #10-65, #10-66, #10-67, #10-68, #10-69, #10-70, #10-71, #10-72, #10-73, #10-74, #10-75, #10-76, #10-77, #10-78, #10-79, #10-80, #10-81, #10-82, #10-83, #10-84, #10-85, #10-86, #10-87, #10-88, #10-89, #10-90, #10-91, #10-92, #10-93, #10-94, #10-95, #10-96, #10-97, #10-98, #10-99, #10-100
- ⑰ DISCONNECT AND REMOVE EXISTING UNIT #10-100 AND ASSOCIATED DUCTWORK
- ⑱ DISCONNECT AND REMOVE EXISTING UNIT #10-101 AND ASSOCIATED DUCTWORK
- ⑲ DISCONNECT AND REMOVE EXISTING UNIT #10-102 AND ASSOCIATED DUCTWORK
- ⑳ DISCONNECT AND REMOVE EXISTING UNIT #10-103 AND ASSOCIATED DUCTWORK
- ㉑ DISCONNECT AND REMOVE EXISTING UNIT #10-104 AND ASSOCIATED DUCTWORK
- ㉒ DISCONNECT AND REMOVE EXISTING UNIT #10-105 AND ASSOCIATED DUCTWORK
- ㉓ DISCONNECT AND REMOVE EXISTING UNIT #10-106 AND ASSOCIATED DUCTWORK
- ㉔ DISCONNECT AND REMOVE EXISTING UNIT #10-107 AND ASSOCIATED DUCTWORK
- ㉕ DISCONNECT AND REMOVE EXISTING UNIT #10-108 AND ASSOCIATED DUCTWORK
- ㉖ DISCONNECT AND REMOVE EXISTING UNIT #10-109 AND ASSOCIATED DUCTWORK
- ㉗ DISCONNECT AND REMOVE EXISTING UNIT #10-110 AND ASSOCIATED DUCTWORK
- ㉘ DISCONNECT AND REMOVE EXISTING UNIT #10-111 AND ASSOCIATED DUCTWORK
- ㉙ DISCONNECT AND REMOVE EXISTING UNIT #10-112 AND ASSOCIATED DUCTWORK
- ㉚ DISCONNECT AND REMOVE EXISTING UNIT #10-113 AND ASSOCIATED DUCTWORK
- ㉛ DISCONNECT AND REMOVE EXISTING UNIT #10-114 AND ASSOCIATED DUCTWORK
- ㉜ DISCONNECT AND REMOVE EXISTING UNIT #10-115 AND ASSOCIATED DUCTWORK
- ㉝ DISCONNECT AND REMOVE EXISTING UNIT #10-116 AND ASSOCIATED DUCTWORK
- ㉞ DISCONNECT AND REMOVE EXISTING UNIT #10-117 AND ASSOCIATED DUCTWORK
- ㉟ DISCONNECT AND REMOVE EXISTING UNIT #10-118 AND ASSOCIATED DUCTWORK
- ㊱ DISCONNECT AND REMOVE EXISTING UNIT #10-119 AND ASSOCIATED DUCTWORK
- ㊲ DISCONNECT AND REMOVE EXISTING UNIT #10-120 AND ASSOCIATED DUCTWORK
- ㊳ DISCONNECT AND REMOVE EXISTING UNIT #10-121 AND ASSOCIATED DUCTWORK
- ㊴ DISCONNECT AND REMOVE EXISTING UNIT #10-122 AND ASSOCIATED DUCTWORK
- ㊵ DISCONNECT AND REMOVE EXISTING UNIT #10-123 AND ASSOCIATED DUCTWORK
- ㊶ DISCONNECT AND REMOVE EXISTING UNIT #10-124 AND ASSOCIATED DUCTWORK
- ㊷ DISCONNECT AND REMOVE EXISTING UNIT #10-125 AND ASSOCIATED DUCTWORK
- ㊸ DISCONNECT AND REMOVE EXISTING UNIT #10-126 AND ASSOCIATED DUCTWORK
- ㊹ DISCONNECT AND REMOVE EXISTING UNIT #10-127 AND ASSOCIATED DUCTWORK
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- ㊻ DISCONNECT AND REMOVE EXISTING UNIT #10-129 AND ASSOCIATED DUCTWORK
- ㊼ DISCONNECT AND REMOVE EXISTING UNIT #10-130 AND ASSOCIATED DUCTWORK
- ㊽ DISCONNECT AND REMOVE EXISTING UNIT #10-131 AND ASSOCIATED DUCTWORK
- ㊾ DISCONNECT AND REMOVE EXISTING UNIT #10-132 AND ASSOCIATED DUCTWORK
- ㊿ DISCONNECT AND REMOVE EXISTING UNIT #10-133 AND ASSOCIATED DUCTWORK
- 1 REMOVE EXISTING CONDENSATE PIPING AND OTHER APPURTENANCES

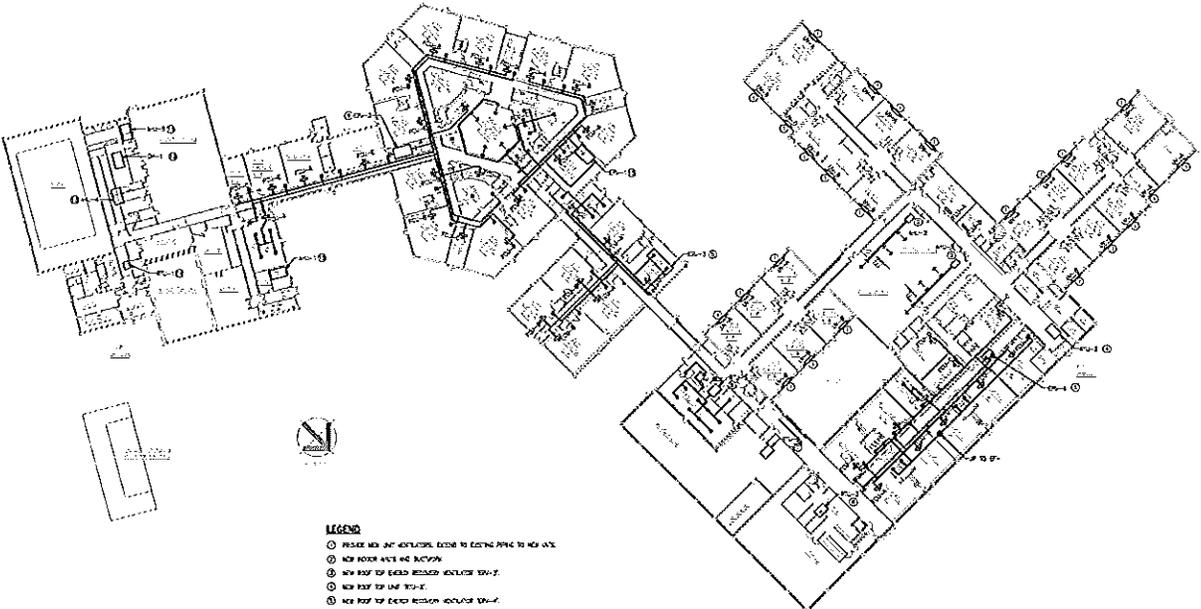
No.	Date	Description

PROJECT
**Beecher Road School
 Woodbridge, CT**

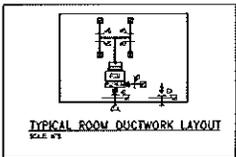
DRAWING TITLE
MECHANICAL DEVOLUTION PLAN

Drawn By		
Checked By		
Date	11/28/2013	
Scale	1/8" = 1'-0"	
Project No.	2013-001	

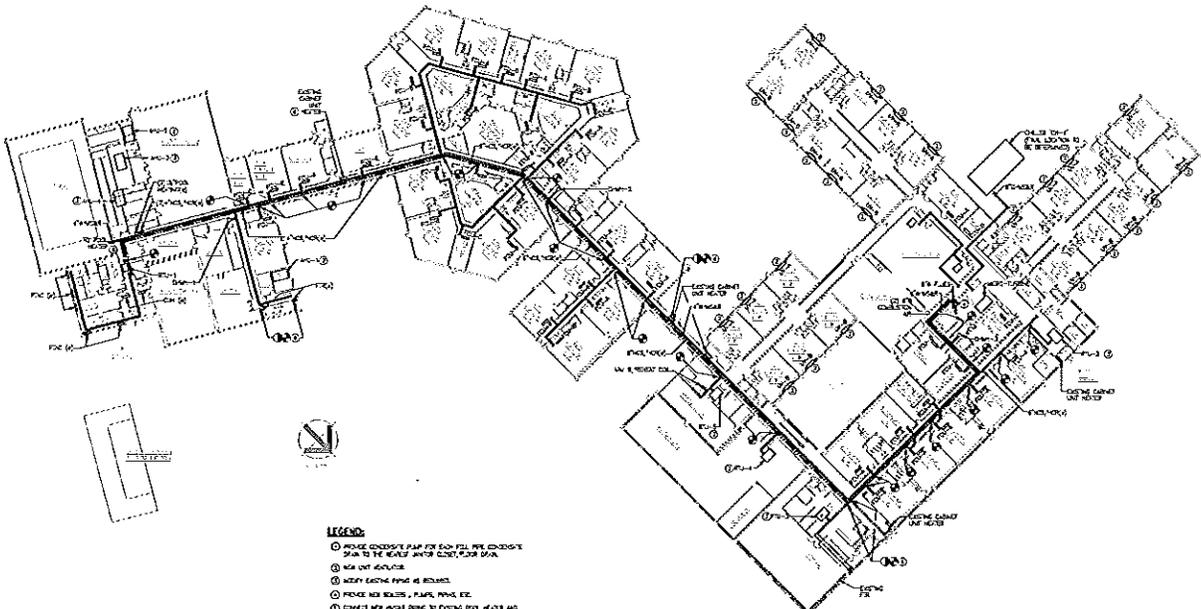
M-200



- LEGEND**
- ① PRESSURE BOX AND CONNECTIONS EXPOSE TO EXISTING PIPING TO NEW AIRS
 - ② NEW FLOOR OVER EXISTING ROOFING
 - ③ NEW ROOF FOR EXISTING ROOFING EXCEPT 2ND-FLOOR
 - ④ NEW ROOF FOR 1ST FLOOR
 - ⑤ NEW ROOF FOR EXISTING ROOFING EXCEPT 2ND-FLOOR
 - ⑥ NEW ROOF FOR 1ST FLOOR, CONNECT TO EXISTING ROOFING, INTERIOR PLUMBING HOSE HEAT SYSTEM
 - ⑦ NEW ROOF FOR 1ST FLOOR, CONNECT TO EXISTING ROOFING
 - ⑧ NEW ROOF FOR 1ST FLOOR, CONNECT TO EXISTING ROOFING, REUSE EXISTING AIR PROVIDE AIR BESS
 - ⑨ NEW ROOF FOR EXISTING ROOFING EXCEPT 2ND-FLOOR
 - ⑩ NEW AIR HANDLING UNIT 2ND-FLOOR, MECH. ROOMS AS REQUIRED
 - ⑪ NEW AIR HANDLING UNIT 1ST-FLOOR, MECH. ROOMS AS REQUIRED
 - ⑫ NEW AIR HANDLING UNIT 2ND-FLOOR, MECH. ROOMS AS REQUIRED
 - ⑬ NEW ROOF FOR 1ST FLOOR, MECH. ROOMS AS REQUIRED
 - ⑭ NEW ROOF FOR EXISTING ROOFING EXCEPT 2ND-FLOOR



NO.	DATE	DESCRIPTION
PROJECT		
Beecher Road School Woodbridge, CT		
DRAWING TITLE		
MECHANICAL DUCTWORK PLAN		
Drawn By	JD	Drawing No.
Checked By	MS	M-300
Date	11/24/2013	
Scale	1/8" = 1'-0"	
Project No.	13-004-004	



- LEGEND:**
- ① PROVIDE CONDENSATE PUMP FOR EACH UNIT. PUMP CONDENSATE DRAIN TO THE ROOF OR OTHER COLLECTOR DRAIN.
 - ② NEW UNIT RELOCATE.
 - ③ REMOVE EXISTING PIPING AS SHOWN.
 - ④ PROVIDE NEW RADIATORS, PUMPS, PIPING, ETC.
 - ⑤ CONNECT NEW PIPING TO EXISTING FLOOR HEATS AND DRAIN.
 - ⑥ THE CONTRACTOR SHALL RELOCATE PIPING FROM EXISTING HOT WATER RISERS AND CONDENSATE TO NEW HOT WATER PIPING FOR ALL THE WATER HEATING, COOLING UNIT HEATING, STEAM HEATING COILS AND WATER COILS IN PUMPS, UNIT HEATERS, ETC.
 - ⑦ PROVIDE EXHAUSTOR COMPARTMENT WITH SLEEVES FOR NEW HOT WATER PIPING.

No.	Date	Description

PROJECT: Beecher Road School
 Woodbridge, CT

DRAWING TITLE: MECHANICAL PIPING PLAN

Drawn by:	AK	Checked by:	AK	Scale:	1/8" = 1'-0"
Date:	11/28/2013	Project No.:	M-400		

MINUTES OF THE REGULAR WOODBRIDGE BOARD OF EDUCATION MEETING

Thursday, February 26, 2026

BRS South Assembly Room

CALL TO ORDER: Chair Lawrence, called the meeting to order (5:38 PM).

BOARD MEMBERS PRESENT: Steven Lawrence, Chair; Lynn Piascyk, Vice Chair; Sarah Beth Del Prete, Secretary (5:56 PM); Jackie Cappiello (5:41 PM remote); Megan Conaster; Jeff Hughes (6:15 PM); Saurabh Vilekar (5:41 PM); and Erin Williamson.

STAFF: Christopher Montini, Superintendent; Analisa Sherman, Principal; Matthew Madruga, Cheryl Tafel, Assistant Principals; Carrie Borcharding, Special Services Director; Donna Coonan, Director of Business Services/ Operations and Marsha DeGennaro, Clerk of the Board.

CORRESPONDENCE – an email was received regarding inclusion of Three Kings Day in the student calendar.

PUBLIC COMMENT – None

MOTION #1 – CONSENT AGENDA Move that we approve the consent agenda as presented. (Piascyk/Conaster **Unanimous**)

Ms. Cappiello (remote) and Mr. Sabuar (in person) arrived (5:41 PM).

Superintendent Report – Superintendent Montini provided an update on the budget process as the BOS have made a recommendation to reduce the WBOE 2026/27 budget to a 3.76% increase. It is anticipated that based on this recommendation, the purchase/lease of laptops for staff will be delayed for one year. Also, based on review of recent data, medical insurance rates continue to be favorable and it is hoped the rate increase will be in the range of 10% instead of the 15% currently budgeted. Enrollment remains steady with one additional student from last month and the same number of students as in February 2025. Currently, we have had four snow days, which places the last day of school as June 17. Jeanne Ciarleglio has been appointed as the Director of the 2026 SEP program. The brochure will be published on February 27 with registration commencing on either March 1st or 2nd.

STEAM Presentation – Ms. Bucko provided an overview of the STEAM program which incorporates Science (understanding the natural world), Technology (using tools, materials, digital resources), Engineering (design process), Arts (design principles, aesthetics, creative thinking) and Math (applying measurement, logic, data analysis). This combination fosters curiosity and innovation in preparing students for academic success and development of real life problem solving skills. STEAM is not a cookie-cutter approach. It is integrated learning by combining two or more disciplines together to complete an activity. It is also standards based through the connection of Science NGSS (*Next Generation of Science Standards*) and Engineering. Through project-based learning activities, with limited material and time constraints, students learn to solve real life problems through creative, resourceful thinking and authentic assessment to attain innovative solutions. STEAM empowers students to analyze information, evaluate options and make informed decisions. Students are stimulated to explore and develop collaboration, experimentation skills that are essential for applying their practical knowledge to navigate today's complex challenges and provide a foundation for their future opportunities.

Sarah Beth Del Prete arrived (5:56 PM). *It is noted for the record Ms. Del Prete was remote and in attendance from the beginning of the meeting prior to her in-person arrival.*

Jeff Hughes arrived (6:15 PM)

BRS Update – Ms. Sherman noted several in-house field trips including Mad Science (sponsored by the PTO), Energy Conservation with Brian Dwyer with Grade 2 students, and Meteorologist Steve Glazier with Grade 3 students who built a forecast for the evening news. Kindergarten students celebrated the 100th day with string beans, fruit loop necklaces and decorated ice cream cones with 100 sprinkles. February also included the celebration of Black History. The top classes from the PTO Read-a-Thon were Robbins (Grade 5), Ramia (Grade 2) and Thompson (Grade 3).

BIUBC Committee – Mr. Hughes noted this committee met on January 21 and February 12 and will be meeting following this meeting to make a recommendation on space utilization and planning.

Curriculum Committee – No Report

Finance Committee – Mr. Lawrence noted with seven months expended there is a current projected surplus of \$85,000 with minimal changes occurring from last month.

CABE Liaison Report – Ms. Del Prete noted she is unable to attend *CABE Day on the Hill* on March 11 and extended an invitation for other Board members to attend. Also noted was an upcoming webinar on March 19 *Best Practices for Financial Oversight*.

Upcoming Meeting Presentations – Policy, March 2 at 4:00 PM, Facilities, March 5 at 7:30 AM and Finance, March 9 at 4:30 PM all in the Superintendent’s Conference Room. The regular WBOE meeting is March 16 at Town Hall at 7:00 PM.

NEW BUSINESS – None

PUBLIC COMMENT – None

Executive Session – The Board entered Executive Session in accordance with State statute to discuss the Superintendent mid-year evaluation process.

MOTION #2 – EXECUTIVE SESSION Move that we enter Executive Session to discuss the Superintendent mid-year evaluation process and invite the Superintendent to join the Executive Session (6:30 PM). (Piascyk/Del Prete **Unanimous**)

BOARD MEMBERS PRESENT: Steven Lawrence, Chair; Lynn Piascyk, Vice Chair; Sarah Beth Del Prete, Secretary; Megan Conaster; Jeff Hughes; Saurabh Vilekar; and Erin Williamson.

STAFF: Christopher Montini, Superintendent.

The Board reviewed the mid-year evaluation process with the Superintendent.

RETURN TO PUBLIC SESSION (7:02 PM)

MOTION TO ADJOURN: 7:03 PM (Piascyk/Williamson **Unanimous**)

Recorded by Marsha DeGennaro, Clerk of the Board.

Woodbridge Public School's 2025-2026 Budget Narrative

February 28, 2026

The attached financial reports represent eight months (67%) of the fiscal year.

100 Series Salaries - Salaries represent 61% of the budget. There were no material changes in the assumptions surrounding our salaries this month and our estimated surplus in this category remains at \$273K.

200 Series Benefits – Benefits are 21% of our budget and are based on the elections of last year's staff. The estimated deficit in this category increased by approximately \$10K. This is because January's FICA expense was not posted timely causing last month to look a little better than it actually was. As we have not had any unemployment claims yet this year we have begun to show \$5K of surplus in the Other Employee Benefits line.

300 Series Purchased Professional Services- This category represents 3% of our budget and includes legal, audit and other expenses that are generated on a month-by-month basis. The overall deficit in this category decreased about \$4K to \$16K as we found that there were two purchase orders created for the same month of legal expenses and we were able to take one down.

400 Series Purchased Property Services - Utility budgets are 4% of the total budget. We've had another very cold month and more snow removal. Both our electric and heating lines are ahead of where they were last year at this time. We have therefore estimated additional utility expense for the year and now anticipate this category being \$69K over budget.

500 Series Other Purchased Services - This category is 9% of our budget and includes student transportation, tuition, interns, liability insurance and items that do not fall within the professional services/property services categories. The overall estimated deficit of \$85K increased by about \$7K this month due to an increase in our estimated telephone expense and liability insurance.

600 Series Materials and Supplies – These supplies account for 2% of our budget. With the exception of custodial/maintenance supplies, this category is direct support for classroom instruction. We anticipate utilizing all of these funds.

700 Series Furniture and Equipment - This category represents 6/10 of one percent of the budget and we currently project to utilize all budgeted funds.

800 Series Dues and Fees – This budget category is small but important as it links staff to professional organizations that help keep them up-to-date in their respective academic fields.

900 Series Misc. Expenses - The primary expense in this category is the Ezra Nurse, a non-public health expense we are required by law to maintain.

**WOODBRIIDGE BOARD OF EDUCATION
MONTH SUMMARY REPORT
FOR THE MONTH ENDED 2-28-2026**

OBJECT	DESCRIPTION	ADOPTED BUDGET	EXPENDED TO DATE	ENCUMBERED TO DATE	TOTAL AVAILABLE	ESTIMATED ADDITIONAL	(OVER) UNDER YEAR END
100	TOTAL SALARIES	11,288,309	5,904,893	5,066,695	316,721	43,468	273,253
200	TOTAL BENEFITS	3,707,798	2,689,606	-	1,018,192	1,059,309	(41,117)
300	TOTAL PROFESS. SERVICES	533,224	227,890	23,851	281,483	297,243	(15,760)
400	TOTAL PROPERTY SERVICES	671,312	470,241	48,858	152,213	221,347	(69,134)
500	OTHER SERVICES	1,797,314	1,210,688	613,036	(26,409)	58,736	(85,145)
600	SUPPLIES & MATERIALS	386,993	211,996	19,623	155,374	155,374	-
700	TOTAL PROPERTY SERVICES	108,800	81,484	905	26,411	26,411	-
800	TOTAL DUES, FEES, MISC.	32,105	23,028	3,389	5,688	6,278	(590)
TOTAL ADOPTED BUDGET		18,525,855	10,819,825	5,776,356	1,929,674	1,868,166	61,508

OBJECT	DESCRIPTION	ADOPTED BUDGET	EXPENDED TO DATE	ENCUMBERED TO DATE	TOTAL AVAILABLE	ESTIMATED ADDITIONAL	(OVER) UNDER YEAR END
390	SPED SERVICES/CONSULTING	216,380	81,795	18,704	115,882	92,382	23,500
510	TRANSPORTATION	329,662	214,838	157,381	(42,558)	-	(42,558)
560	TUITION SPECIAL ED	373,480	254,036	220,545	(101,101)	-	(101,101)
SPECIAL EDUCATION CARVEOUT		919,522	550,669	396,630	(27,777)	92,382	(120,158)

SUMMARY	
Special Ed Surplus / (Deficit)	(120,158)
Under / (Over) Spending in OTHER programs	181,666
Total Surplus / (Deficit) Projected	61,508

WOODBRIAGE BOARD OF EDUCATION
MONTHLY DETAIL BY OBJECT
FOR THE MONTH ENDED February 28, 2026

Object Code	Descriptions	Adopted Budget	Expended to Date	Encumbered to Date	Available Balance	Estimated Additional	Projected Year-End Balance
110	Administrators	1,029,488	670,818	357,155	1,515		1,515
120	Teachers - Regular	6,117,471	3,005,616	2,859,441	252,415	75,675	176,740
120	Teachers - Special Education	1,181,574	636,209	580,160	(34,795)	(40,788)	5,993
1201	Psychologist	212,415	87,909	87,909	36,597		36,597
1203	Counselor	127,308	82,777	91,018	(46,487)		(46,487)
Sub-Total Certified Salaries		8,668,256	4,483,328	3,975,682	209,246	34,888	174,358
1303	Custodians	480,915	310,139	178,528	(7,751)	(7,751)	-
140	Nurses	191,188	100,659	84,472	6,057	6,057	-
150	Secretaries, Clerical	450,466	269,176	166,046	15,244	4,500	10,744
160	Paraprofessionals	364,785	119,642	103,020	142,123		142,123
1601	Special Education Paraprofess.	857,412	454,158	428,276	(25,023)	(10,725)	(14,298)
170/10	Salaries OT / PT	93,940	72,803	79,463	(58,325)		(58,325)
190	IT Manager and Asst.	83,596	55,406	31,830	(3,641)		(3,641)
190	Salaries, Miscellaneous	97,751	39,581	19,378	38,792	16,500	22,292
Sub-Total Non-Certified Salaries		2,620,053	1,421,565	1,091,013	107,476	8,581	98,895
TOTAL SALARIES		11,288,309	5,904,893	5,066,695	316,721	43,468	273,253
220	FICA	337,719	175,242	-	162,477	145,232	17,245
230	CMERS	457,843	217,334		240,509	224,478	16,031
270	Medical Insurance	2,866,923	2,273,093		593,830	676,605	(82,775)
280	Life Insurance	34,463	23,179		11,284	7,902	3,382
2902	Other Employee Benefits	10,850	758		10,092	5,092	5,000
TOTAL BENEFITS		3,707,798	2,689,606	0	1,018,192	1,059,309	(41,117)
320	Professional Development	37,325	6,467	1,170	29,688	29,688	-
330	Legal Fees	55,000	45,283	3,978	5,740	15,000	(9,260)
340	Software Support	30,250	18,377		11,873	11,873	-
350	Substitutes	149,435	73,517		75,918	75,918	-
390/01	Consultant Services	216,380	81,795	18,704	115,882	92,382	23,500
3902	Financial Audit	29,400			29,400	29,400	-
390	Other Prof/Tech. Services	15,434	2,451		12,983	42,983	(30,000)
TOTAL PROFESSIONAL SERVICES		533,224	227,890	23,851	281,483	297,243	(15,760)
410/01	Utilities - Electric and Water	165,500	121,979		43,521	60,000	(16,479)
420	Heating	105,000	93,655		11,345	44,000	(32,655)
430	Repairs and Maintenance	84,000	27,347	19,240	37,413	37,413	-
450	Leases and Rentals	110,123	81,687		28,436	28,436	-
4501	Building Improvements	10,500			10,500	10,500	-
490	Other Purchased Services	27,620	14,366	5,116	8,138	8,138	-
4901	Service Contracts	168,569	131,207	24,501	12,860	32,860	(20,000)
TOTAL PROPERTY SERVICES		671,312	470,241	48,858	152,213	221,347	(69,134)
510	Pupil Transportation-Regular	524,118	329,397	148,705	46,016	8,000	38,016
510	Pupil Transportation-Spec. Educ.	329,662	214,838	157,381	(42,558)		(42,558)
520	Insurance-General Liability	155,209	149,962	18,180	(12,933)	2,813	(15,746)
5201	Worker's Compensation	284,804	204,673	68,224	11,907		11,907
530	Telephone Services	18,531	17,294		1,237	12,000	(10,763)
535	Internet	25,120	20,750		4,370	3,708	662

**WOODBRIAGE BOARD OF EDUCATION
MONTHLY DETAIL BY OBJECT
FOR THE MONTH ENDED February 28, 2026**

Object Code	Descriptions	Adopted Budget	Expended to Date	Encumbered to Date	Available Balance	Estimated Additional	Projected Year-End Balance
537	Postage	6,840	903		5,937	2,500	3,437
540	Advertising	1,000			1,000		1,000
550	Interns	57,000	16,500		40,500	16,500	24,000
560	Tuition - Wintergreen	6,000			6,000		6,000
560	Tuition - Out of District	373,480	254,036	220,545	(101,101)		(101,101)
590	Other Purchased Services	15,550	2,335		13,215	13,215	-
TOTAL OTHER PURCH SERVICES		1,797,314	1,210,688	613,036	(26,409)	58,736	(85,145)
610	Instructional Supplies	151,925	82,501	5,992	63,432	63,432	-
620	Computer Software	85,288	49,782		35,506	35,506	-
625	Supplies Nurses	5,370	4,047		1,323	1,323	-
630	Supplies Custodial	56,050	36,440	6,480	13,129	13,129	-
635	Supplies Office	13,000	4,481	363	8,156	8,156	-
640	Books and Audio Visual	18,000	11,903	2,374	3,723	3,723	-
645	Subscriptions	30,960	5,728	4,275	20,957	20,957	-
650	Testing	22,700	16,495	139	6,066	6,066	-
690	Misc. Supplies - DW Security	3,700	618	-	3,082	3,082	-
TOTAL SUPPLIES & MATERIALS		386,993	211,996	19,623	155,374	155,374	0
732	Computer Hardware	89,800	78,342	905	10,553	10,553	-
735	Equipment - Teaching	8,000	-	-	8,000	8,000	-
740	Equipment - Building	5,000	1,415	-	3,585	3,585	-
745	Furniture	6,000	1,728	-	4,272	4,272	-
TOTAL PROPERTY		108,800	81,484	905	26,411	26,411	-
810	Dues and Fees	22,605	19,806	3,389	(590)		(590)
900	Other Fees	9,500	3,222		6,278	6,278	-
TOTAL DUES AND FEES		32,105	23,028	3,389	5,688	6,278	(590)
TOTAL ADOPTED BUDGET		18,525,855	10,819,825	5,776,356	1,929,674	1,868,166	61,508

**WOODBRIIDGE BOARD OF EDUCATION
SPECIAL REVENUE PROGRAMS
FINANCIAL REPORT FOR THE MONTH ENDED 2-28-2026**

	Café	Extended Day	Field Trips	Expendable Trust	Activity Fund
Revenues:					
Charges for services	\$168,338	\$223,737	\$13,777	\$100,190	
Intergovernmental	\$46,766				
Donations				\$90	
Other income				\$375	
Additions					\$704
Total Revenues:	\$215,104	\$223,737	\$13,777	\$100,655	\$704
Expenditures:					
Wages, FICA, MERF	\$115,833	\$165,468		\$76,100	
Medical Insurance					
Cost of food sold	\$113,482				
Equipment					
Repairs	\$6,901				
Other Expenses	\$5,138	\$25,791	\$18,751	\$3,820	\$1,882
Total Expenditures:	\$241,354	\$191,259	\$18,751	\$79,921	\$1,882
Year to Date Net Income / (Loss):	-\$26,250	\$32,478	-\$4,974	\$20,734	-\$1,178
BOE Year to Date Cost of Health Insurance	\$24,429				
	Café	Extended Day	Field Trips	Expendable Trust	Activity Fund
Assets:					
Cash	\$159,433	\$60,318	\$364	\$77,607	\$12,721
Prepaid Expenses					
Accounts Receivable	\$4,911	\$250	\$67	\$3,329	
Intergovernment Receivable	\$25,804	\$5,076			
Inventory	\$7,885				
Due From Other Funds				\$126	
Total Assets:	\$198,032	\$65,644	\$431	\$81,063	\$12,721
Liabilities:					
Amounts Held As Agent					
Accounts Payable	\$3,459				\$500
Deferred Revenue	\$31,934	\$5,484			
Wages Payable	\$9,392	\$16,651			
Due to Other Funds		\$126			
Total Liabilities:	\$44,785	\$22,261	\$0	\$0	\$500
Fund Balance:					
Prior Year Ending Fund Balance	179,498	10,905	5,405	60,329	13,399
Year to Date Income / (Loss)	(\$26,250)	\$32,478	(\$4,974)	\$20,734	(\$1,178)
Current Fund Balance	\$153,248	\$43,383	\$431	\$81,063	\$12,221
	\$0	\$0	\$0	\$0	\$0
	Café	Extended Day	Field Trips	Expendable Trust	Activity Fund
Current Fund Balance	\$153,248	\$43,383	N/A	N/A	N/A
Baseline - Minimum Fund Balance (30 days)	\$21,788	\$37,731	N/A	N/A	N/A
Operating Reserve Fund Balance (90 days)	\$65,364	\$113,194	N/A	N/A	N/A
# of Days Expenses in Fund Balance	211	34	N/A	N/A	N/A
Fund Balance Excess	\$87,883	-\$69,811	N/A	N/A	N/A

Community Relations

Concept and Roles in Community Relations

~~The Board of Education recognizes that high performing elementary schools encourage and promote parent and community engagement activities to improve student performance.~~

~~Community, is defined broadly as the State of Connecticut and specifically, the Town of Woodbridge and the businesses and individuals affected directly or indirectly that have reason to care about local education. We believe that our community includes students, parents, faculty, staff, town officials, media, senior citizens, and taxpayers, law enforcement and other community agencies, churches and synagogues, all of whom help to determine the quantity of educational resources available and the quality of the educational output.~~

~~The goal of establishing and maintaining good community relations is a reflection of our understanding that schools depend on community good will and public financing devoted to providing the best learning environment possible for our children. It is imperative that members of the community, particularly those who serve on other Town boards and school personnel participate in planning, policy development, implementing programs and evaluating results. Hence, a principle goal of the Board is the promotion of open communication and good relations with the community.~~

~~School community relations, then, are not merely reporting and interpreting activities; but involve members of the community and school personnel fulfilling their respective roles in view of the best interests of the school, its vision and mission.~~

~~Policy adopted: March 19, 2012—~~

WOODBRIAGE PUBLIC SCHOOLS
Woodbridge, Connecticut



Adopt this policy

Community Relations

Concept, Goals and Roles in Community Relations

The Woodbridge Board of Education recognizes that the community, defined broadly as the state and specifically as the area served by the school system, determines the quality of local education. It is imperative that members of the community and the school personnel cooperate in planning, developing policy, implementing programs and evaluating results.

School-community relations are not merely reporting and interpreting. Rather, they are part of a public enterprise in which community members and school personnel play their respective roles in the best interests of the school district.

The Board of Education establishes the following goals for the community relations program:

1. To increase public understanding of the school system.
2. To increase community confidence and interest in the school system.
3. To promote effective dissemination of information concerning school activities.
4. To solicit community opinions about the school system.
5. To encourage the sharing of resources among civic and community organizations for the benefit of the school system.

Policy adopted:

Existing policy, number 1100 adopted 3/19/12, appropriate as written, except for addition of legal reference. A sample follows for comparison and consideration.

1100

Community Relations

School-Community Relations

Purpose

The Woodbridge Board of Education recognizes its responsibility in developing a comprehensive two-way program of school community relations to:

- ~~1. Stimulate productive relationships among teachers, parents and community members to benefit students and to foster the highest possible levels of student achievement.~~
- ~~2. Make maximum use of learning resources within the community.~~
- ~~3. Provide information and activities to build understanding of the purposes and content of the programs in the district.~~
- ~~4. Promote open communication and good relations with other Town Boards and the taxpayers of Woodbridge.~~

~~Legal Reference: Connecticut General Statutes
1-13 Making of reproductions
1-14 "Certified copy" defined. Evidence.
1-16 Reproductions
1-17 Reproductions to serve purposes of originals
1-2-12 Copies of public record, fees.
1-225 Meetings of agencies to be public. Recording of votes. Schedule and agenda of meetings to be filed. Notice of special meetings. Executive Sessions.
10-220 Duties of Boards of Education.~~

Policy adopted: ~~March 19, 2012~~ _____

WOODBRIIDGE PUBLIC SCHOOLS
Woodbridge, Connecticut

Adopt this policy



Community Relations

Communications with the Public

Within the bounds of its legal and ethical responsibilities, the Board of Education (Board) will endeavor to inform the community about the operations of the school system by establishing two-way communication with the community and involving citizens in the work of the schools.

To facilitate productive communication:

- Individual Board members who receive significant written communications from students, parents and other citizens, staff members, and organizations will give the communication to the Superintendent for dissemination to the entire Board.
- The Superintendent will send copies of any communication to the Board as a whole to each Board member.
- The Board will not recognize anonymous written communications to any individual Board member or to the Board as a whole.
- Individual Board members may acknowledge written or oral communications requesting Board action or stating a point of view. However, no individual Board member can commit the Board to any course of action or position.
- Individual Board members can express a personal opinion to a citizen but must clearly identify the opinion as their own and not necessarily that of the entire Board.

Legal Reference: Connecticut General Statutes
 1-13 Making of reproductions
 1-14 “Certified copy” defined. Evidence
 1-16 Reproductions
 1-17 Reproductions to serve purposes of originals
 1-212 Copies of public records, fees.
 1-225 Meetings of government agencies to be public. Recording of votes. Schedule and agenda of meetings to be filed. Notice of special meetings. Executive sessions.
 10-220 Duties of boards of education.

Policy adopted:



Community Relations

Communications with the Public

Guidelines for Use of the School Notification System

Messages are to be recorded by the school Principal, whenever possible

- ▶ A goal will be to bring the school parents closer to the administrator of each school
- ▶ If parents call for clarification, calls will be handled at the school level whenever possible.
- ▶ Calls for clarification will be reviewed to determine if future messages need a different format, content or tone.

Messages are to be reviewed by the school Superintendent or designee

- ▶ Messages are to be reviewed for clarity, inclusion of all necessary information, content (complete but not unduly alarming or inflammatory), and tone of voice (to be consistent with message, and to give the public confidence)
- ▶ Messages are to be sent between 5 pm and 9 pm, or as close as possible to those normal family activity hours.
- ▶ When schools are to be closed such as for a snow emergency, messages may be sent the evening before (if known) or as early as 6:00 a.m. to alert parents. Calls shall not be made at odd hours, during early morning sleeping hours, etc.
- ▶ Telephone messages will be coordinated with email messages to ensure consistency of message. If possible, the same wording will be used in both messages, to avoid the impression of inconsistency or confusion.
- ▶ Two or three lesser notices may be combined into a single message if that can be done without creating confusion. For example, if a school closing will affect the scheduling of athletic events, the rescheduling of events may be covered in the telephone call announcing the school closing.

Examples of appropriate use of phone messages:

- ▶ Snow day or emergency that causes cancellation of school or early dismissal
- ▶ Explanation of an emergency, such as a school closure due to a bomb threat
- ▶ Timing of academic progress reports and issuance of student report cards
- ▶ Important one-time school activities, such as school play or graduation ceremony
- ▶ Notice of important district-wide or state-wide test dates, such as CAPT, CMT or SBAC testing

Examples of inappropriate use:

- ▶ Less important notices that many members of the public may regard as inconsequential, such as notice of a bake sale, hiring or retirement of a staff member, or change in parking regulations
- ▶ Less important notices may be grouped together in a newsletter or news email.

Regulation approved:

cps 3/14

Community Relations

Communications among the Board of Education, the Administration, the Parents and the Staff at Beecher Road School

In the best interest of promoting and encouraging effective and efficient communications with the Woodbridge Board of Education, a Woodbridge community parent/guardian representative and a WEA representative could be invited, as advisory, non-voting members to standing committees of the Woodbridge Board of Education. Special and advisory committees are formed by the Woodbridge Board of Education according to Policy 9133. Public notification informing staff and the parent/guardian community of opportunities to contribute will be made in accordance with Policy 1120. Additional members may be added at the discretion of the Board.

The Board welcomes public attendance and participation at meetings. Communications inviting meeting participation will be publicly noticed in accordance with FOIA.

Special and advisory committee input will inform the Board.

The final decision for all policies and practices within the school remains with the Board of Education.

(cf. 1220 - Citizens' Ad Hoc Committees)

(cf. 1312 - Public Complaints)

(cf. 3541.5 - Transportation Complaints)

(cf. 5142 - Safe Schools)

(cf. 7551 - Naming of Major Facilities)

(cf. 9131 - Committee of the Whole)

(cf. 9132 - Standing Committees)

(cf. 9132.2 - Policy Committee)

(cf. 9132.3 - Curriculum Committee)

(cf. 9132.4 - Finance Committee)

(cf. 9132.5 - Facilities Committee)

(cf. 9133 - Special Committees/Advisory Committees)

(cf. 9325 - Meeting Conduct)

Legal Reference: Connecticut General Statutes

1-200 - 1-241 Public records and meeting

10-220 Duties of boards of education

Community Relations

Parent/Family Involvement

~~Parent, family and community are important educators of children. The Woodbridge Board of Education recognizes that parent involvement is vital to student achievement. A child's education is a responsibility shared by the school and family during the entire period the child spends in school. A comprehensive parent involvement plan for Beecher Road School may include:~~

- ~~1. Promotion and support for responsible parenting.~~
- ~~2. A school setting that welcomes parents and seeks their support and assistance.~~
- ~~3. Recognition that parents play an integral role in assisting student learning.~~
- ~~4. Regular communications between home and school that are reciprocal and meaningful.~~
- ~~5. Inclusion of parents in the decision making process as it affects children and families.~~
- ~~6. Provision of community resources to enhance school programs, family practices and student learning.~~

~~It is the policy of the Board that Beecher Road School, in its mission of education, will involve parents, families, advocates for children, and the community in the education of children and shall have an active organization for fostering parent and community involvement. The words "parent" or "family", as used in this policy, denote any form of extended family or acceptable adult who is advocating for a student.~~

~~Parents and families are assured access to their school, their child's classroom and/or school sponsored activities for the purposes of observing class procedures, teaching materials and class conduct so long as this observation is not disruptive to the normal classroom procedures or learning activity. Procedures for visiting schools shall be provided in parent handbooks or other communications from the schools.~~

~~School personnel will be available to students, parents and others at mutually convenient times.~~

~~Legal Reference: Connecticut General Statutes~~

~~[10-221\(f\)](#) Boards of Education to prescribe rule(s), policies, and procedures as amended by PA 97-290 and by P.A. 10-111, An Act Concerning Education Reform in Connecticut.~~

Policy adopted: ~~March 19, 2012~~

Sample to consider. (State statute requires boards of education to adopt and implement policies and procedures to encourage parent-teacher communication.)



Community Relations

Communications with the Public

Parent Involvement

Considerable experience and related evidence indicates that meaningful involvement of parents, guardians, and other care-givers in the schooling of children improves the quality of education significantly. The Board of Education believes that closer connections of parents and others responsible for the home care of the children with our schools can result in ~~academic performance, behavior and attendance~~ **enhanced academic performance, improved behavior, and reduced absenteeism.**

Therefore, all parents, guardians, and care-givers of students enrolled in our school district are encouraged to take an active role in the education of their children.

Further, the Board of Education believes that the professional staff must take whatever steps are necessary to facilitate a broad variety of opportunities for parents to connect frequently with the schools in which their children are enrolled, and with the overall system. These steps should include the following:

- ~~• Parenting skills should be promoted and supported.~~
- Communication between home and school should be regular, two-way and meaningful. ~~(Such communication may include monthly newsletters, electronic communications, required regular contact with all parents, two required flexible parent-teacher conferences for each school year and drop in hours for parents, home visits and use of technology, including but not limited to, homework hotlines.~~
- Parents should play an integral role in assisting student learning.
- Parents should be welcome in every school and their support and assistance sought.
- Parent input should be sought regarding decisions that affect children and families.
- Community resources should be made available to strengthen school programs, family practices and student learning.
- ~~The Two required parent-teacher conferences will be offered per school year. beginning July 1, 2021 and each school year thereafter, can be fulfilled by the District offering parents the option of attending any parent-teacher conference by the use of telephonic, video, or other conferencing platforms.~~
- ~~An additional parent-teacher conference, in addition to the two required conferences shall be conducted during periods when the District provides remote learning for more than three consecutive weeks and one additional parent-teacher conference every six months thereafter for the duration of such period of remote learning.~~
- School personnel will be available to students, parents and others at mutually convenient times.

~~The District will request from the parent/guardian of each student the name and contact information of an emergency contact person who may be contacted if the student's parent/guardian cannot be reached to schedule a parent-teacher conference required when the District is providing remote learning for a period of three consecutive weeks or more.~~

Community Relations

Communications with the Public

Parent Involvement (continued)

~~In situations in which the teacher is unable to contact a student's parent/guardian after three attempts to schedule the required parent-teacher conference during a period of remote learning provided by the District for three consecutive weeks or more, such teacher is directed to report such inability to the principal, school counselor, or other school administrator designated by the Board of Education. Such principal, counselor, or administrator is to contact the student's emergency contact to determine the student and family's health and safety.~~

~~The Board shall utilize the document developed by the State Department of Education (by 12/1/21) that provides information concerning educational, safety, mental health and food insecurity resources and programs available to students and their families.~~

~~The Superintendent will report annually to the Board of Education on parent involvement activities.~~

Legal Reference: Connecticut General Statutes
 10-221(g)(1)-(3) Boards of Education to prescribe rule(s), policies, and procedures

Policy adopted:

Existing policy number 1111 adopted 3/19/12, appropriate as written, if still current practice.

1111

Community Relations

Use of Education Television Channel

Authority

All matters regarding the use and implementation of programming for the Education Channel for educational programming will rest with the Superintendent of Schools or ~~their his/her~~ designee(s).

Policy adopted: ~~March 19, 2012~~

Community Relations

News Media Relationships

~~The Board of Education shall cooperate with the news media in providing the public with pertinent facts concerning the schools. The Superintendent shall serve as the basic source of information regarding the school system.~~

~~The Board of Education encourages the attendance of the news media at all open Board meetings.~~

~~The Woodbridge Board of Education supports the recognition efforts of local and regional publications and media in reporting the accomplishments, achievements, awards and honors of students. Local cable access, TV, newspaper and school newsletters from time to time seek opportunities to take pictures or write of school activities and student accomplishments. It is the policy of the Woodbridge School District to make this information routinely available, under most conditions, unless parents have requested in writing, in advance, that they do not wish to have information concerning the school activities of their child published.~~

~~The Board permits the interviewing, videotaping or photographing of students during the school day only when such activities, in the judgment of the Principal or Superintendent, do not disrupt the educational program, tend to cause undue confusion, or involve a controversial issue of a political nature. Publicity efforts as noted would take place under the guidance of school staff and with the restriction that the names or other identifying information of the involved students will not be provided without the prior written approval of the parent(s) or legal guardian of the student.~~

~~Individual interviews of students on camera or for publications will not be permitted without the prior written approval of the student's parent or guardian.~~

~~The Woodbridge School District will comply with parents' written requests in support of the interests and wishes of parents.~~

~~Legal Reference: Connecticut General Statutes~~

~~[§ 226](#) Recording, broadcasting or photographing meetings~~

~~**Policy adopted: March 19, 2012**~~

Adopt this policy



Community Relations

News Media Relationships

Schools are public institutions serving the educational needs of the community. Therefore, it is important that information be disseminated concerning programs, activities, and significant school events. The Board recognizes the important role the media serves in reporting information about the District's program, services and activities. Therefore, the District will make reasonable efforts to provide media access to students.

The Superintendent shall serve as the basic source of information regarding the school system.

To ensure that publicity is coordinated with a common effort and purpose, the following shall be followed with news media:

1. Media representatives shall be required to report to the administration for prior approval before accessing students involved in instructional programs and activities not attended by the general public.
2. School administrators are authorized to grant permission and set parameters for media access to students in their respective schools.
3. The media may interview and photograph students involved in instructional programs and school activities including athletic events if authorized by the Principal provided that their presence will not be unduly disruptive.
4. If, in the judgment of the administration, the presence of any photographer, broadcaster, or news journalist causes such disruption that orderly conduct of the activity becomes unfeasible, access by these individuals may be limited to the extent necessary to remove disruption.
5. News media personnel who intend to photograph, broadcast, or record for broadcast student activities shall provide appropriate identification to the school administrator, if requested, prior to access.
6. Only news media personnel employed by a newspaper, radio or television broadcasting company, or personnel of a recognized student news medium assigned to cover the activity shall be permitted to photograph, broadcast, or record for broadcast, such activity.
7. **Individual interviews of students, photographs, videography or articles referring to students will not be permitted without the prior written approval of the student's parent or guardian.**
8. ~~Media representatives wishing to photograph or identify particular students, must obtain parental or guardian approval as well as school administrator permission.~~
9. ~~In the case of photographs, videotapes, and/or articles referring to students involved in athletic events parental or guardian permission may be provided on an annual basis.~~
10. ~~Parents who do not want their student interviewed, photographed or videotaped by the media shall inform the school Principal accordingly. Parents who do not want their student interviewed, photographed or videotaped by the media shall inform the school Principal accordingly. Parents who do not want their student interviewed or photographed by the media should direct their child accordingly.~~

Legal Reference: Connecticut General Statutes
1-225 Recording, broadcasting or photographing meetings

Policy adopted:

Existing policy number 1120 adopted 3/19/12, appropriate as written.

Community Relations

Public Participation at Board of Education Meetings

The regular and special meetings of the Board of Education are open to the public and representatives of the press except that a part of any meeting may be designated an executive session as provided by law.

The Board of Education welcomes participation of interested organizations and individuals. Advance announcement of all regular, and all special meetings of the Board of Education is made through the posting of the agenda through district website.

Legal Reference: Connecticut General Statutes

[1-225](#) Meetings of government agencies to be public.

[1-226](#) Broadcasting or photographing meetings.

[19a-342](#) Smoking in public meetings in rooms of public building prohibited.

[1-227](#) Mailing of notice of meetings to persons filing written request. Fees.

[1-230](#) Regular meetings to be held pursuant to regulation, ordinance or resolution.

[1-232](#) Conduct of meetings.

[1-206](#) Denial of access to public records or meetings.

[10-238](#) Petition for hearing by board of education.

Policy adopted: ~~March 19, 2012~~

Community Relations

School-Community Associations

The Board of Education looks upon school-community organizations such as the Parent-Teacher Organization as integral parts of the school community which can aid substantially in promoting a quality educational program.

The Board of Education encourages active support with school-community organizations by teachers and other employees.

Policy adopted: ~~March 19, 2012~~

Community Relations

School Volunteers and Student Interns

The Woodbridge Board of Education (the "Board") recognizes the importance of school volunteers at all levels of schooling. Volunteers can enhance collaboration between the school and community, broaden the school's educational environment and ultimately enrich students' school experience. The Board further acknowledges that it may, from time to time, be asked to provide learning experiences for student interns within the school environments, which ~~experiences~~ are not part of the teacher preparation program, as defined in section 10-10a of the Connecticut General Statutes. In recognition of the benefit of having volunteers, interns and other such non-employees providing services within the schools, the Board supports the involvement of these individuals in accordance with suitable regulations and safeguards to be developed by the Administration.

Volunteers, interns and other such non-employees working within the schools ("volunteers") must work under the supervision of Woodbridge School District ("District") staff. Volunteers are held to the same standards of conduct as school staff and must observe all Board policies, including applicable policies on the confidentiality of student information.

Volunteers, depending upon their level of involvement, may be required to submit to state and federal criminal record checks and a record check of the Department of Children and Families ("DCF") Child Abuse and Neglect Registry. No person who is required to register as a sex offender under state or federal law, or whose name is currently listed on the DCF registry, may volunteer in the District.

All volunteers must comply with all school health and safety protocols in place at the time, including but not limited to any health screening protocols.

~~Employees of the District may serve as a volunteer during the school day, approved by the Superintendent or his/her designee based on the specific situation.~~

Persons interested in volunteering their services should contact the school Principal ~~or designee~~.

Legal Reference: Connecticut General Statutes

[10-4g](#) Parental and community involvement in schools; model program; school-based teams.

[10-220](#) Duties of boards of education.

[10-235](#) Indemnification of teachers, board members, employees and certain volunteers and students in damages suits; expenses of litigation.

[54-250 et seq.](#) Registration of sexual offenders.

Policy adopted: ~~October 16, 2023~~

WOODBRIIDGE PUBLIC SCHOOLS
Woodbridge, Connecticut

Existing regulation, number 1212 adopted 10/16/23, appropriate as written

Community Relations

School Volunteers and Student Interns

The Board of Education recognizes the importance of school volunteers at all levels of schooling. Volunteers can enhance collaboration between the school and community, broaden the school's educational environment, and ultimately enrich learners' experiences. In recognition of these important aspects of learning, the Board supports the involvement of these individuals in accordance with suitable regulations and safeguards developed by the Administration.

It is important to delineate between a visitor to the school and a volunteer. Visitors and volunteers both contribute in valuable ways to the community feel of a school building. A visitor is defined as an individual who will be spending a short period of time within the building and is under the direct supervision of a Woodbridge employee at all times, often for the purpose of attending a meeting, conference, or special event.

Volunteers for the Woodbridge District will be classified into two groups.

Group I

Volunteers will be classified in Group I when they assist staff members with school activities in the direct presence of a Woodbridge School District employee. Volunteers in Group 1 may assist with activities including, but is not limited to: reading to a classroom, participating and assisting in a special class event, assisting in a school-wide event, or serving as a room parent. Group I volunteers remain under the direct supervision of a Woodbridge employee at all times. At this time, Group I volunteers do not need to complete the volunteer background checks outlined below.

Group II

The following procedure has been established for screening Group II volunteers and interns ("volunteers") within the Woodbridge School District (the "District"). For the purpose of this regulation, a Group II volunteer is an individual who will remain working directly with students at Beecher Road School for a longer period of time or over a duration of more than a day, and may not always be under the direct supervision of a Woodbridge District employee. Examples might include, but are not limited to, volunteers in the Library Media Center, volunteers in the cafeteria to support ongoing initiatives, volunteers in specific classrooms or departments that volunteer throughout the year for many shorter periods of time, volunteers who are chaperoning a field trip when students will be divided into small groups supervised solely by the volunteer chaperone, chaperoning an overnight field trip, or working directly with students on-site without the direct presence of a Woodbridge Public School employee.

Student interns are classified as volunteers and are individuals currently enrolled in post-secondary programs for which an authorized internship is required or for which the student maybe granted credit as part of an approved course of study, including student volunteers for specific program credit from Amity High School. As with all volunteers, all student interns must be approved in advance by the building administrator and must be under the direction and direct supervision of a Board employee.

Prior Approval Required

All school volunteers, Group I and Group II, including student interns working in the schools, must be approved in advance by the building Principal or other administrative designee. The school district, acting

through the appropriate building administrator or his/her designee, reserves the right to discontinue or disallow the services of any volunteer at any time at the discretion of the administration.

Sign-in Procedure. All individuals seeking to volunteer in the Woodbridge School District must regularly sign-in with the Main Office and will be provided with identification badges, which shall be displayed during each visit.

Group II volunteers must fill out and sign the Volunteer Registration form prior to beginning volunteering and complete federal and state criminal record checks and a record check of the Department of Children and Families (DCF) Child Abuse and Neglect Registry background check. All results of background checks must be completed prior to any volunteer service occurring. The form and process must be completed annually.

Persons Not Allowed to Serve as Volunteers. No person who is a "registered sex offender," or is on the Department of Children and Families (DCF) Child Abuse and Neglect Registry may serve as a volunteer. No person whose name is listed on the Department of Children and Families (DCF) Child Abuse and Neglect Registry or who is registered as a sex offender under state or federal law may volunteer in any District school. Failure to provide complete or accurate information on this "School Volunteer Security Check" form will disqualify an individual from volunteering in any District school.

Employees of the Woodbridge School District may serve as a volunteer in any capacity during the day, approved by the Superintendent or his/her designee based on the specific situation.

Role. Volunteers serve only in an auxiliary capacity under the direction and supervision of a staff member; they are not a substitute for a member of the school staff. Volunteers do not have access to confidential student school records and volunteers may not make any curricular or disciplinary actions.

Volunteers are held to the same standards of conduct as school staff and must adhere to all Board of Education policies. The following protocols are in place for all volunteers: (For specific guidelines for visitors to the school, refer to the BOE Policy #[1250](#) and the Beecher Road School handbook available on the District website.) Volunteers shall:

- Be interviewed and approved by a member of the administration.
- Complete fingerprints and background check prior to volunteering in the building. (Group II)
- Adhere to all safety protocols including signing in and out at the Main Office.
- Adhere to all established guidelines as set forth by the Woodbridge Public School District.
- Uphold the rights of all students and staff and adhere to confidentiality while in the building and in public.
- Report to the building administration.

All volunteers must adhere to the above guidelines or there will be cause for immediate removal from the school property as well as a limitation to future visits to the school.

Any questions of the above protocols must be directed to the building administration.

Selection, Placement, and Supervision. Volunteer selection and placement shall be decided on by administration and made on the basis of the volunteer's qualifications and availability and the school's needs.

When a criminal record check of a volunteer reveals a criminal conviction, whether disclosed or undisclosed on the volunteer's consent form, the Superintendent will make a case-by-case determination as to whether to allow the individual to volunteer in the District. Prior to any such decision by the Superintendent or designee, the Superintendent or designee shall inform the volunteer and shall provide an opportunity for the volunteer to respond. Notwithstanding the foregoing, the falsification or omission of any information on a volunteer consent form, including, but not limited to, information concerning criminal convictions or pending criminal charges, may be grounds for the Superintendent or designee to prohibit the individual from becoming a volunteer.

Dismissal. A request to volunteer or to continue volunteering will be denied if the volunteer behaves in any manner that demonstrates he or she is not a good role model or is otherwise detrimental to the school environment. Examples of such behavior include: swearing, failing to be dependable, failing to follow the supervisor's instructions, committing any criminal act on school grounds or at a school activity, touching a student in a rude or overly forceful manner, failing to dress in an appropriate manner, or violating any school rule.

(cf. - [1250](#) Visitors to Schools)

Legal Reference: Connecticut General Statutes

[10-4g](#) Parental and community involvement in schools; model program; school-based teams.

[10-220](#) Duties of boards of education.

[10-235](#) Indemnification of teachers, board members, employees and certain volunteers and students in damages suits; expenses of litigation.

[54-250](#) et seq. Registration of sexual offenders.

Regulation approved: October 16, 2023

WOODBRIIDGE PUBLIC SCHOOLS
Woodbridge, Connecticut

Community Relations

Citizens' Ad Hoc Committees

In order to maximize community input, the Board recognizes the need for appropriate ad hoc citizens advisory committees. The Board will consider the recommendations of these committees when making decisions.

~~The Board of Education supports the concept of ad hoc committees, both for the Board of Education directly and for the staff.~~

When the Board of Education establishes a committee, the Board shall provide guidelines for membership and delineate its responsibilities and authority.

~~The involvement of the members of the public in assisting the Board of Education and the staff in reaching for the best possible decisions is a well-established principle in public school education except in those situations where insufficient time will prevent the committee from functioning properly.~~

(cf. [1312](#) -Public Complaints)

(cf. 6144 -Controversial Issues)

(cf. 6161 -Equipment, Books, Materials: Provision/Selections)

Legal Reference: Academic Freedom Policy (adopted by Connecticut State Board of Education, 9/9/81)

Policy adopted: ~~March 19, 2012~~

**WOODBRIIDGE SCHOOL DISTRICT
Woodbridge, Connecticut**

Community Relations

Visits to the Schools

The Board of Education welcomes and strongly encourages members of the community and other interested persons to visit the schools.

The Superintendent is authorized to establish such regulations to:

1. Encourage visitors to observe our schools;
2. Provide for appropriate hospitality for visitors;
3. Channel expressions of approval as well as constructive criticism to the Board of Education;
4. Ensure that such visits will enhance the effect of the educational program rather than hinder it; and
5. Require all visitors to register in the office of the Principal upon their arrival at the school; **and**
6. **Ensure student safety.**

Board of Education members who visit schools of their own volition have no more authority than any other citizen.

Legal Reference: Connecticut General Statutes

[53a-185](#) Loitering in or about school grounds: Class C misdemeanor

Policy adopted: ~~March 19, 2012~~

Community Relations

Loitering or Causing Disturbance

Any person is guilty of loitering on school grounds, when ~~he/she~~ **they loiter** or remains in or about a school building or grounds, **including but not limited to playgrounds, fields and walking paths when closed to the public and/or when in use by the school or on school days from 7:30 AM – 6:00 PM, and/or when** not having any reason or relationship involving custody of or responsibility for a student or any other license or privilege to be there. For this reason it is required that all visitors register in the office of the Principal. Staff members should be alert to the presence of unauthorized visitors and report their presence to the Principal promptly.

Legal Reference: Connecticut General Statutes

[53a-185](#) Loitering in or about school grounds; Class C misdemeanor.

Policy adopted: ~~March 19, 2012~~

Community Relations

Staff Participation in Community Activities

The Board of Education encourages staff members to become active participants in the activities of the community in which they live so long as these activities do not interfere with their responsibilities as school district employees. This involvement provides a community with better understanding of educational programs and gains support of better education for every student. Such activity, however, is not required for initial or continued employment or advancement.

Political Activities of School Employees

School employees are encouraged to assume full responsibilities as citizens of a democracy.

Performance of Civic Duties by Employees

Employees should be expected to perform their civic duties commensurate with democratic ideals. These duties may include:

1. Voting and taking an interest in the social, political, and economic issues of the day.
2. Exercising democratic rights and responsibilities, which are shared in common with other citizens. These rights and privileges may include:
 - a. Electioneering for candidates.
 - b. Accepting positions in political campaigns.
 - c. Holding an office in a political party organization.
 - d. Serving as a delegate to political party conventions.

Individual Responsibility in Participating in Political Functions

Employees engaging in political activities shall:

1. Realize their obligation is to their work as educators;
2. Help others understand that employee opinions and actions are expressed as individuals and not as representatives of the educational institution.
3. Engage in no political activities on school premises during school hours.

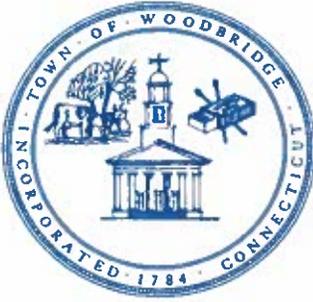
Legal Reference: Connecticut General Statutes

[7-421](#) Political activities of classified municipal employees

[7-421b](#) Limitation on restriction of political rights of municipal employees

[10-156e](#) Employees of boards of education permitted to serve as elected officials; exception

Policy adopted: ~~March 19, 2012~~



March 16, 2026

WHEREAS, an excellent public school system is vital to the quality of life in this community and fundamental to preserving a strong democratic society now and in the future; and public schools are being held to higher standards of accountability than ever before at both the state and federal levels; and

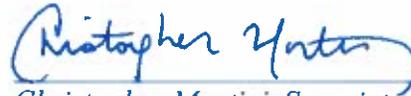
The Members of the Woodbridge Board of Education represent an invaluable resource in this community as local decision-makers, responding to the challenges of assuring our school meets these higher standards; and these School Board Members must formulate policies to assure that all children learn to their fullest potential; and

These Board Members continually strive for improvement and progress with an understanding of the need for commitment to the highest standards of student achievement; and are working diligently to assure that our young people are educated and prepared for the future; and

The men and women elected to these positions deserve recognition and thanks for their countless hours of volunteer service to public education and the children of our community;

NOW THEREFORE, the Woodbridge Board of Selectmen and the Woodbridge School District thank all members of the Woodbridge Board of Education for their tireless and devoted service to our children, our schools and our community and urge all residents of our community to join us in expressing appreciation to these exemplary public servants, and hereby, designate March 16, 2026 as School Board Member Day.


Mica Cardozo, First Selectman


Christopher Montini, Superintendent

Beecher Infrastructure Upgrade

Joint Meeting with the BIUBC & BOE

REFRESHER POINTS FROM SEPTEMBER TRI-BOARD PRESENTATION

PLANNED UPDATES FOR PRE-K EXPANSION

BEECHER ROAD SCHOOL SOUTH ASSEMBLY ROOM | THURSDAY, FEBRUARY 26, 2026 | 7:00 PM

ANTINOZZI
ASSOCIATES
ARCHITECTURE
+ INTERIORS



CONSTRUCTION SOLUTIONS GROUP





HOW WE GOT HERE

Educational Specifications



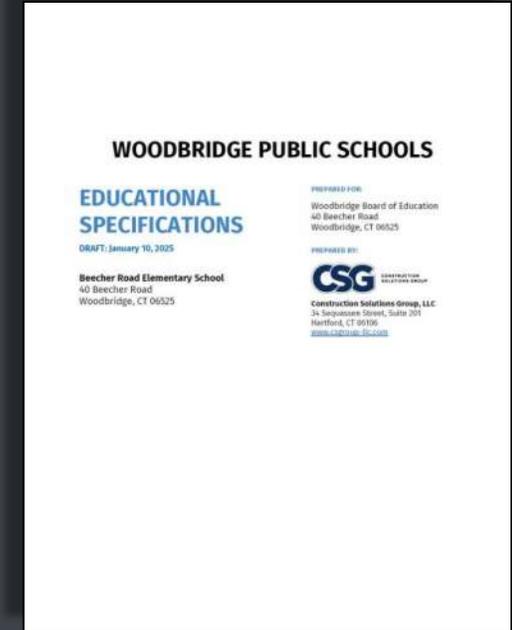
ANTINOZZI ASSOCIATES
ARCHITECTURE
+ INTERIORS

The Ultimate Guideline for Design

- Stakeholder goals are documented and help define the District's **vision** for BRS
- Work product as result of **EARLY** program input informs the rest of the study process
- Review and approval by BOE required as part of State grant application submission
- Draft released January 2025 ... **finalized with selection of Design Option:**

➤ Updates to

ENROLLMENT & SIZE



STAKEHOLDER
INPUT

DISTRICT
PEDAGOGIES

PROGRAMMATIC
OBJECTIVES

DESIGN EXECUTION



HOW WE GOT HERE

Educational Specifications: Program (2025)



ANTINOZZI ASSOCIATES ARCHITECTURE + INTERIORS

Total Building Area	Renovate-as-New	All other options	Existing
Total Program Areas (SF)	97,825	88,150	98,540
Total Building Services and Core Area (SF)	8,550	8,000	7,631
Total Circulation (SF)	27,639	23,987	27,843
Grand Total	134,014	120,137	134,014
	Reno-as-New	All other options	
Maximum Eligible Area for State Reimbursement (based on 960 students):	120,137	120,137	

The background image displays several overlapping spreadsheets detailing room specifications. Key sections include:

- Library / Media Center:** Lists spaces like Media centers/Blocks/Circulation, Library/Media Specialist Office, and Innovation Maker Space.
- Food Services:** Includes Student Dining Area, Staff Dining Lounge, Kitchen, and Servery.
- Administrative & Support Spaces:** Lists Main Office, Reception, and various support offices.
- Arts and Music Programs:** Includes Band Room, Chorus Room, Music Storage, and Art Rooms.
- Special Education and Student Support:** Lists Special Education Resource Rooms, Testing Office, and Language Room.
- Physical Education Programs:** Includes Gymnasium, Auxiliary Gymnasium, and PE Equipment Storage Room.
- Classrooms:** Lists Pre-K through 6th Grade Classrooms, MAG Classrooms, and Common MAG Area.



HOW WE GOT HERE

Meeting State Space Standard Parameters



Existing Building Area:

- Approximately 147,677 SF Total
- Pool, Community Space = ~11,767 SF
- BOE/Central Office = ~1,828 SF

Remainder = BRS Program:

134,082 SF

State Maximum Eligible Area:

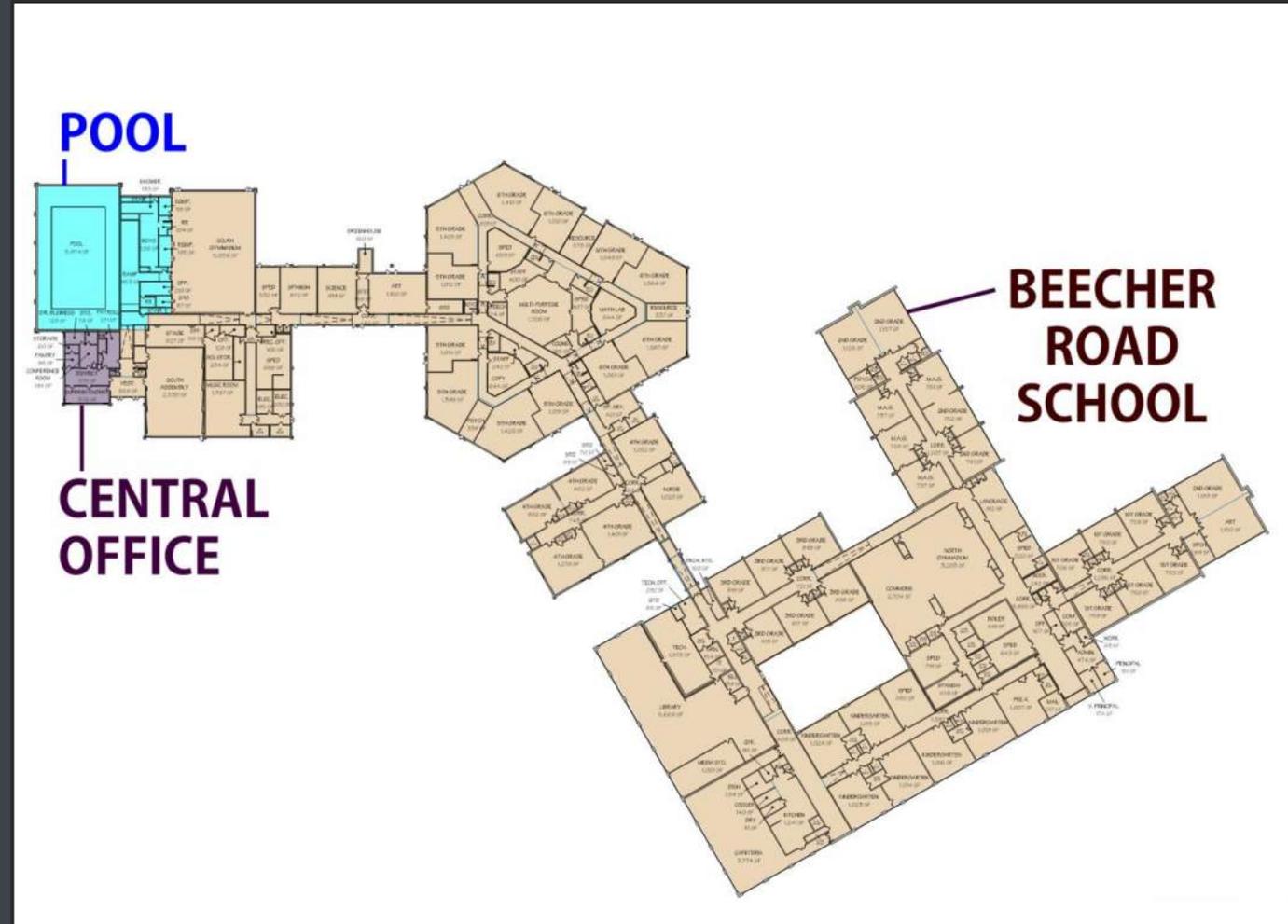
960 PreK-6 students = 120,037 SF

More Pre-K students = area increase

Woodbridge FY2025

Reimbursement Rates*:

General Construction: 32.14%
 New Construction: 24.17%



* Assumes CT DAS OGA Grant Application submitted by June 30, 2026



SELECTED CONCEPTUAL OPTIONS



A1

Renovate-As-New

Work with many existing floor levels & long distances between spaces

Meets layout challenges with Space Standard Waiver to Maintain Existing Larger Size



ANTINOZZI ASSOCIATES
ARCHITECTURE
+ INTERIORS

KEY POINTS

“Right-Size” Spaces

Distribute space to reduce travel

Phasing is key

Target summer areas

Separate pool and locker space



**FIELD/
TENNIS**

**SCHOOL:
RENOVATE-AS-NEW**

PARKING

**COMMUNITY USE:
POOL, GYM & ASSEMBLY**

**BOE CENTRAL OFFICE:
RENOVATED & NEW**

PARKING

**WIDER
ACCESS**

**NEW CONNECTOR,
PARKING & LOADING**

OPTION A1: RENOVATE-AS-NEW





DEPARTMENT LEGEND

- ACADEMIC CORE: PRE-K - 5TH GRADE
- ACADEMIC CORE: OTHER CLASSROOMS
- SPECIAL EDUCATION & STUDENT SUPPORT
- PHYSICAL EDUCATION PROGRAMS
- FOOD SERVICES
- ARTS AND HUMANITIES PROGRAMS
- LIBRARY / MEDIA CENTER
- ADMINISTRATIVE & SUPPORT SPACES
- BUILDING SERVICES & CORE AREA
- CIRCULATION

- CENTRAL OFFICE SPACES
- TOWN POOL & REC.

OPTION A1: RENOVATE-AS-NEW





D3

New Building
(Outside Existing
Building Footprint)

More efficient

Meets Space
Standard

Faster, Less
Disruption to School



**ANTINOZZI
ASSOCIATES**
ARCHITECTURE
+ INTERIORS

KEY POINTS

Existing Building
footprint becomes
Open Space

Compact footprint
tailored exactly to
current needs

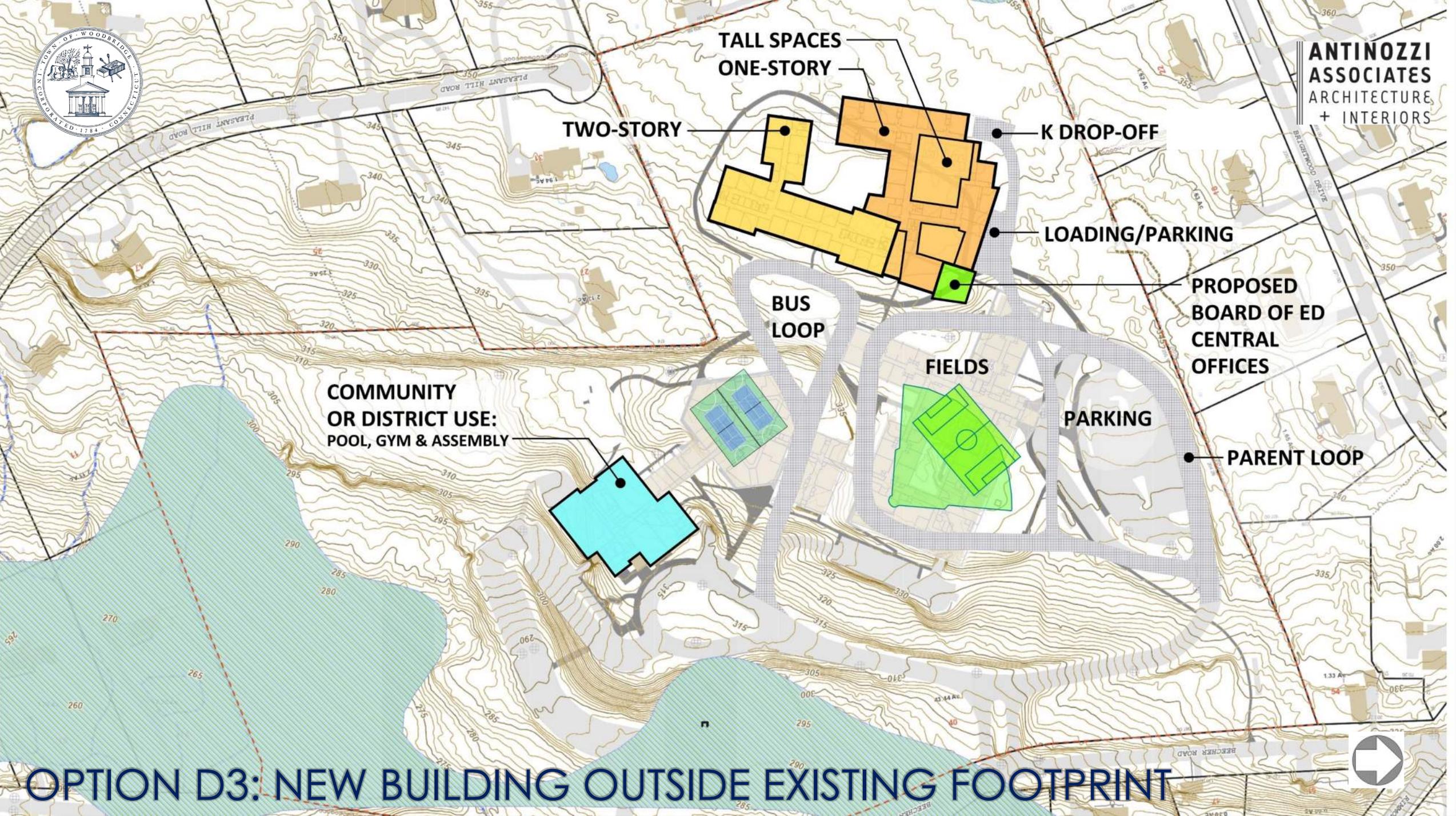
Simplified Phasing:
School moves to
new building
before demolition
& sitework

Clean separation
from Pool





ANTINOZZI ASSOCIATES
ARCHITECTURE
+ INTERIORS



TALL SPACES ONE-STORY

TWO-STORY

K DROP-OFF

LOADING/PARKING

BUS LOOP

FIELDS

PROPOSED BOARD OF ED CENTRAL OFFICES

PARKING

**COMMUNITY OR DISTRICT USE:
POOL, GYM & ASSEMBLY**

PARENT LOOP

OPTION D3: NEW BUILDING OUTSIDE EXISTING FOOTPRINT





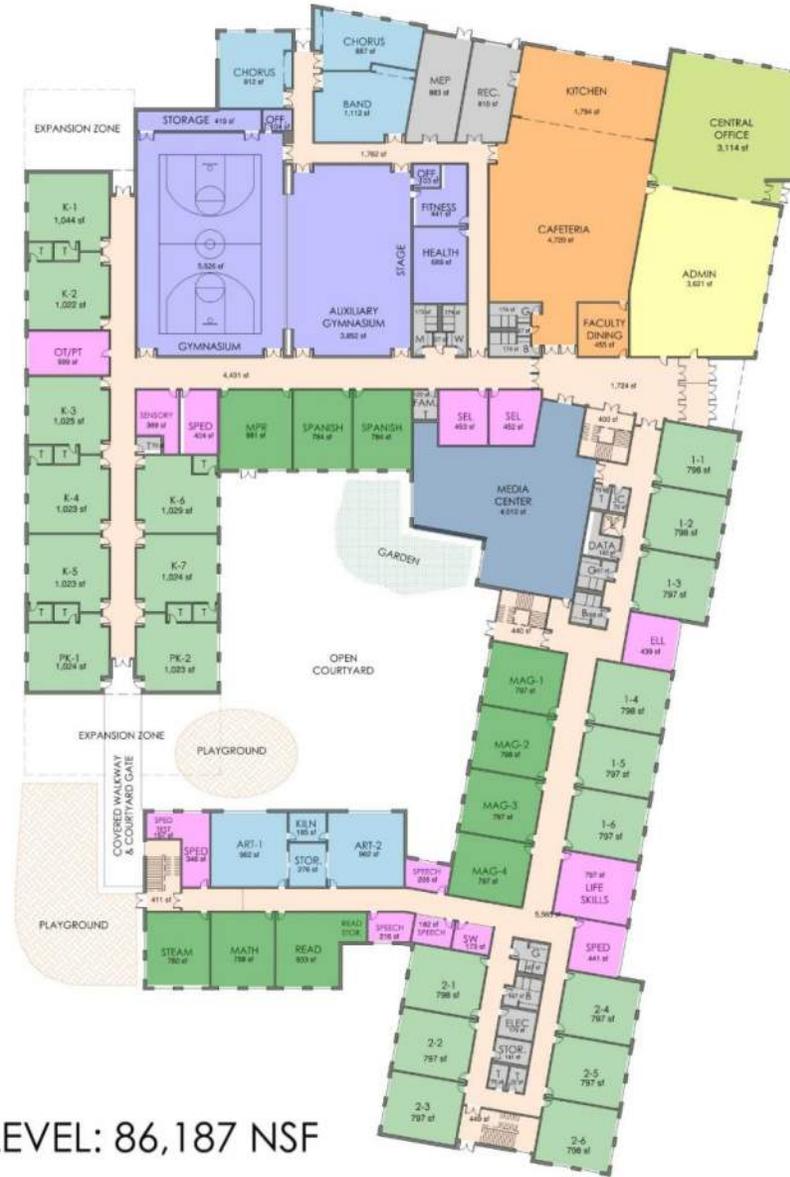
TOTAL AREA: 120,137 NSF
 MEETS SPACE STANDARD
 (NOT INCLUDING CENTRAL OFFICE)

DEPARTMENT LEGEND

- ACADEMIC CORE: PRE-K - 5TH GRADE
- ACADEMIC CORE: OTHER CLASSROOMS
- SPECIAL EDUCATION & STUDENT SUPPORT
- PHYSICAL EDUCATION PROGRAMS
- FOOD SERVICES
- ARTS AND HUMANITIES PROGRAMS
- LIBRARY / MEDIA CENTER
- ADMINISTRATIVE & SUPPORT SPACES
- BUILDING SERVICES & CORE AREA
- CIRCULATION
- CENTRAL OFFICE SPACES



UPPER LEVEL: 33,950 NSF



MAIN LEVEL: 86,187 NSF

OPTION D3: NEW BUILDING OUTSIDE EXISTING FOOTPRINT





EXPANDED TOTAL AREA: ~126,177 NSF
 6,040 NSF INCREASE FROM 120,137 NSF
 (NOT INCLUDING CENTRAL OFFICE)

DEPARTMENT LEGEND

- ACADEMIC CORE: PRE-K - 5TH GRADE
- ACADEMIC CORE: OTHER CLASSROOMS
- SPECIAL EDUCATION & STUDENT SUPPORT
- PHYSICAL EDUCATION PROGRAMS
- FOOD SERVICES
- ARTS AND HUMANITIES PROGRAMS
- LIBRARY / MEDIA CENTER
- ADMINISTRATIVE & SUPPORT SPACES
- BUILDING SERVICES & CORE AREA
- CIRCULATION
- CENTRAL OFFICE SPACES



UPPER LEVEL: 33,950 NSF



**FOUR ADDITIONAL
 PRE-K CLASSROOMS:
 6,040 NSF**

MAIN LEVEL: 92,227 NSF



OPTION D3: EXPANSION FOR PRE-KINDERGARTEN - PRELIMINARY

FINAL GRANT APPLICATION FOR A SCHOOL BUILDING PROJECT

DISTRICT NAME:	FACILITY NAME AND ADDRESS:	STATE PROJECT NUMBER:

Date project accepted as complete by applicant _____ (Final application must be filed within one year of this date.)

FINAL PROJECT FINANCING

General Fund/Bonding:

General fund - Progress payments _____

General fund - Other _____

Current Bonds/Notes* (*Complete Bonds issued schedule on page 2): _____

Future Bonds/Notes _____

Sub-Total General Fund/Bonding _____

Other Funding:

Rebates _____

Insurance Proceeds _____

Federal/Other State Grants _____

Other Financing _____

Describe: _____

Sub-Total Other Funding _____

TOTAL FINAL PROJECT FINANCING _____**

FINAL PROJECT COSTS:

ELIGIBLE COSTS

Architectural Design _____

Site Acquisition _____

Facility Purchase _____

Other professional fees _____

Construction (Fully eligible) _____

Bonus area - School Readiness _____

Bonus area - Full day K/Class size reduction _____

Equipment/Furnishings _____

Eligible Costs Sub-Total _____

LIMITED ELIGIBLE COSTS

Outdoor Athletic Facilities and Tennis Courts _____

Natorium _____

Eligible auditorium seating area (from item a6) _____

Eligible gymnasium seating area costs _____

Limited Eligible Costs Sub-Total _____

ELIGIBLE AUDITORIUM SEATING AREA COSTS COMPUTATION:

a1 Total square footage of auditorium _____

a2 Square footage of seating area _____

a3 Total construction cost of auditorium (excluding seats and installation) _____

a4 Construction cost of seating area ((Item a2 / Item a1) x Item a3) _____

a5 Costs of seats and installation (not included in Item a4) _____

a6 ELIGIBLE AUDITORIUM SEATING AREA COSTS (Item a4 + Item a5) _____

Auditorium seating capacity

INELIGIBLE COSTS

Ineligible site acquisition costs _____

Ineligible facility purchase costs _____

Ineligible construction costs _____

Ineligible bonus area-School Readiness _____

Ineligible bonus area-Full day K/Class size _____

Unauthorized cost increase _____

Other ineligible costs _____

Describe: _____

Ineligible Costs Sub-Total _____

TOTAL FINAL PROJECT COSTS _____**

** NOTE: "TOTAL FINAL PROJECT FINANCING" MUST AGREE WITH "TOTAL FINAL PROJECT COSTS".



Grants

R

COST ESTIMATES & STATE GRANT REIMBURSEMENT



COST ESTIMATES

Cost Analysis Detail: TO BE UPDATED FOR EXPANSION



Beecher Road School Multiple Options Study

\$ 105,834,204

D3

DATE: 8/11/2025



Trade Summary

TRADE DIRECT COSTS		Option A1		Option B1		Option D3		Option D4	
			\$/SF		\$/SF		\$/SF		\$/SF
26 00 00	Electrical	\$ 11,360,642	\$76.35	\$ 12,408,518	\$74.52	\$ 8,665,342	\$69.57	\$ 9,145,862	\$73.04
33 00 00	Sitework	\$ 6,156,970	\$41.38	\$ 8,278,554	\$49.72	\$ 11,195,910	\$89.88	\$ 9,884,083	\$78.93
TOTAL DIRECT COST		\$ 69,816,411	\$ 469.21	\$ 75,422,359	\$ 452.97	\$ 67,967,562	\$ 545.65	\$ 70,584,366	\$ 563.69
INDIRECT COSTS									
Design & Estimating Contingency	10.00%	\$ 6,981,641		10.00%	\$ 7,542,236	10.00%	\$ 6,796,756	10.00%	\$ 7,058,437
Construction Contingency	5.00%	\$ 3,490,821		3.50%	\$ 2,639,783	3.00%	\$ 2,039,027	3.50%	\$ 2,470,453
Escalation - Assumes 4.5% Annual to Midpoint	11.25%	\$ 9,032,498		11.25%	\$ 9,630,493	9.90%	\$ 7,603,531	12.60%	\$ 10,094,270
General Conditions - \$130K per month	28.00	\$ 3,640,000		28.00	\$ 3,640,000	24.00	\$ 3,120,000	32.00	\$ 4,160,000
Preconstruction - In Soft Costs		\$ -		\$ -		\$ -		\$ -	
GL Insurance	0.70%	\$ 625,250		0.70%	\$ 666,644	0.70%	\$ 590,848	0.70%	\$ 631,453
State Education Fund - Excluded	0.026%	\$ 18,152		0.026%	\$ 19,610	0.026%	\$ 17,672	0.026%	\$ 18,352
CM P&P Bond	0.75%	\$ 669,910		0.75%	\$ 714,262	0.75%	\$ 633,052	0.75%	\$ 676,556
CM Fee	2.00%	\$ 1,786,427		2.00%	\$ 1,904,697	2.00%	\$ 1,688,138	2.00%	\$ 1,804,151
TOTAL CONSTRUCTION COST		\$ 96,061,110	\$ 645.58	\$ 102,180,083	\$ 613.67	\$ 91,456,584	\$ 726.19	\$ 97,498,037	\$ 778.62
TOTAL WITH SOFT COSTS @ 17%		\$ 112,391,499	\$ 755.33	\$ 119,550,697	\$ 717.99	\$ 105,834,204	\$ 849.64	\$ 114,072,704	\$ 910.99



COST ESTIMATES

Cost Analysis Summary : TO BE UPDATED FOR EXPANSION



ITEM	DESCRIPTION	APPLIES TO OPTION				
		AI	BI	D3	D4	
CONCEPTUAL ESTIMATE SUMMARY - REFER TO PACs DOCUMENTS FOR DETAIL						
CONCEPTUAL ESTIMATE SUMMARY	Construction Cost Only	School: Construction Cost Subtotal	\$96,061,110	\$102,180,083	\$90,456,584	\$97,498,037
		<i>School: Construction Cost per Square Foot</i>	\$645.58	\$613.67	\$726.19	\$778.62
		Community Spaces: Construction Cost Subtotal	\$376,944	\$720,153	\$708,282	\$982,737
		<i>Community Spaces: Construction Cost per GSF</i>	\$32.59	\$19.36	\$17.50	\$13.86
		Central Office: Construction Cost Subtotal	\$1,902,003	\$1,866,566	\$1,977,610	\$2,219,798
		<i>Central Office: Construction Cost per GSF</i>	\$612.76	\$551.91	\$602.93	\$672.67
		TOTAL CONSTRUCTION COST	\$98,340,057	\$104,766,802	\$93,142,476	\$100,700,572
	<i>Total Construction Cost per GSF</i>	\$601.58	\$612.57	\$564.37	\$504.98	
	Total Project Cost (Construction Cost plus estimated 17% Owner's Soft Costs)	School: Project Cost Subtotal	\$112,391,499	\$119,550,697	\$105,834,204	\$114,072,704
		<i>School: Project Cost per GSF</i>	\$755.33	\$717.99	\$849.64	\$910.99
		Community Spaces: Project Cost Subtotal	\$441,025	\$842,579	\$828,690	\$1,149,803
		<i>Community Spaces: Project Cost per GSF</i>	\$38.12	\$22.65	\$20.47	\$16.22
		Central Office: Project Cost Subtotal	\$2,225,343	\$2,183,882	\$2,313,803	\$2,597,163
		<i>Central Office: Project Cost per GSF</i>	\$716.93	\$645.74	\$705.43	\$787.02
TOTAL PROJECT COST		\$115,057,867	\$122,577,158	\$108,976,697	\$117,819,670	
<i>Total Project Cost per GSF</i>	\$703.85	\$716.71	\$660.32	\$590.82		

Three Project Costs:

School
(Reimbursable)

Community Spaces
(Non-Reimbursable)

Central Office
(50% Reimbursable)





STATE GRANT REIMBURSEMENT

Enrollment and Impact on Building Size: **UPDATE FOR PRE-K**



HIGHEST PROJECTED ENROLLMENT OVER NEXT 8 YEARS: 960 based on 2033-34 projection

Population	Pre-K to K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
751 – 1500 students	116 SF / student	148 SF / student	148 SF / student				

SPACE STANDARD COMPUTATION

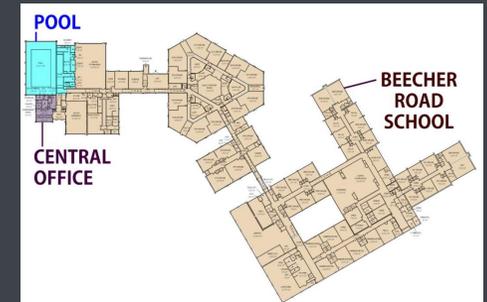
Total Area per Pupil (Grades PreK - 6 th)	876
Number of Grades Housed	7
Average Area per Pupil (SF)	125.14
Maximum Eligible Building Area (For 960 Student Enrollment)	120,037 SF

Existing Building Area:

Approximately 147,677 SF Total
 Pool & Lockers = 11,767 SF
 Central Office = 1,828 SF

Woodbridge FY2026 Reimbursement:

General Construction = 32.14%
 New Construction = 24.17%



Remaining Beecher Road School = 134,082 SF: 14,045 SF over Space Standard



STATE GRANT REIMBURSEMENT

Priority Project Types and Incentives



Renovation Status (RNV)

- Offers 10% Additional Reimbursement with few ineligible costs
- Requires entire facility update
- Low average SF cost
- May require Space Waiver

Extension / Alteration (EA)

- Offers 10% Additional Reimbursement except for ineligible costs (replacements, repairs, refurbishment)
- Ability to designate specific areas of work

New Construction (N)

- **Offers same rate of reimbursement as RNV if demonstrated to cost less than renovation**
- High average SF cost
- Offset by construction efficiency

UPDATING TO CAPTURE Additional Grant Incentives

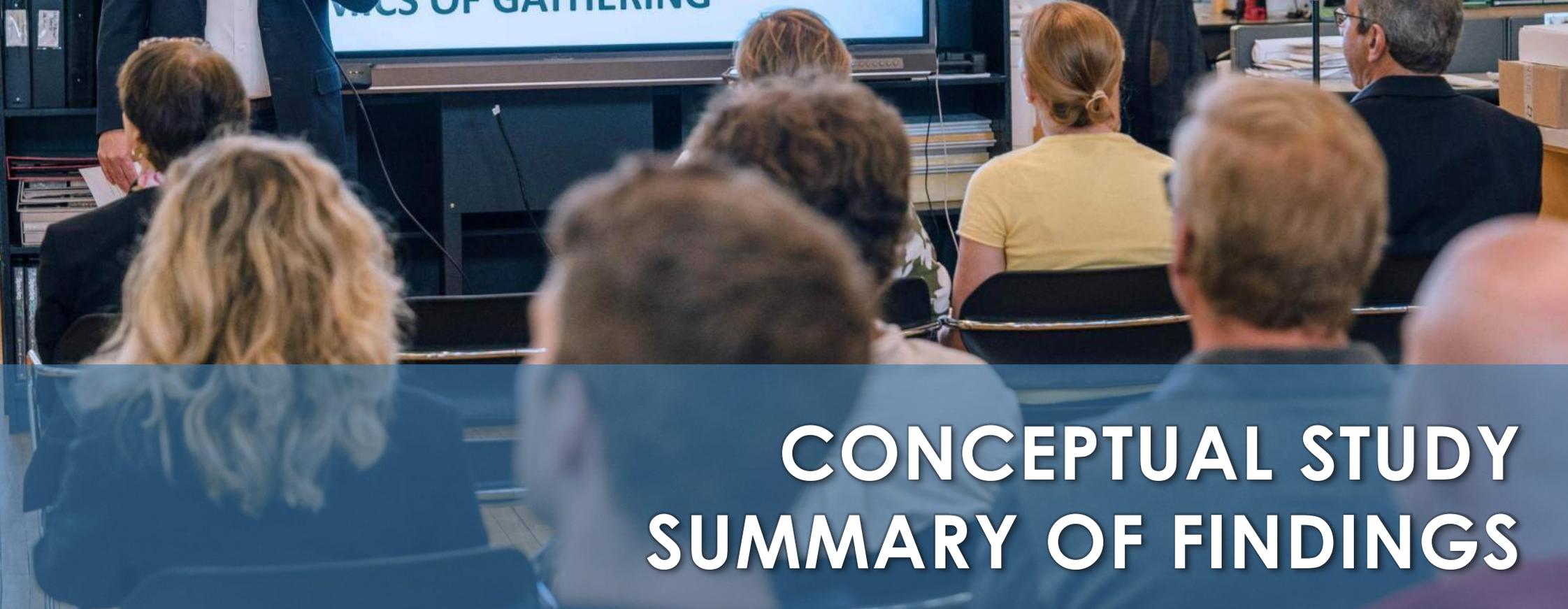
- ~~Sec. 10-286 (10)(c)(1): Maximum SF per pupil limit increases 25% for schools constructed prior to 1959~~
- Sec. 10-286 (10)(c)(2): Maximum SF per pupil limit increased by 1% for HVAC project (ADDS ~600 NSF)

House Bill No. 7288 (passed 6/30/25):

- Applies 15% reimbursement increase to entire new or expansion project that includes Early Childhood Care & Education space
- Establishes 15% reimbursement bonus for new, renovation, or expansion project with designated space for Spec. Ed. (applicable to that space only)



A man in a dark suit and glasses is speaking into a microphone, standing in front of the screen.



CONCEPTUAL STUDY SUMMARY OF FINDINGS



CONCEPTUAL STUDY SUMMARY

Beecher Road School: Scorecard



BRS SCORECARD		APPLIES TO OPTION					Remarks
		A1	B1	D3	D4	REPAIR	
RANK		4	3	1	2	5	
		[Score each 0-x]	[Score each 0-x]	[Score each 0-x]	[Score each 0-x]	[Score each 0-x]	
X 1	EDUCATIONAL FUNCTIONALITY						
3	IA Meets basic educational program requirements	3	3	3	3	1	
3	IB Provides Central Gathering Space	0	0	3	3	0	
3	IC Separation from Pool Building	1	3	3	3	0	
3	ID Travel Distances	1	3	3	3	1	
3	IE Ramps	1	2	3	3	0	
3	IF ADA Accessibility	2	3	3	3	0	
3	IG Outdoor Space	3	3	2	2	3	
3	IH Security (Access Points to Building)	2	2	3	3	2	
3	II Modern educational spaces appropriate for future learning (Having the resources and tools)	2	2	3	3	1	
3	IJ Specialized Program Spaces	1	1	3	3	0	
30	SUBTOTAL	16	22	29	29	8	
		[Score each 0-x]	[Score each 0-x]	[Score each 0-x]	[Score each 0-x]	[Score each 0-x]	
X 2	BUILDING MAINTENANCE						
3	2A Energy efficiency of building envelope	2	2	3	3	1	
3	2B Limits maintenance of toilet facilities	3	3	3	3	1	Existing building has ~55 single toilet rooms
3	2C Limits extent of roof to be maintained	1	2	3	3	1	
3	2D Condition of exterior envelope	3	3	3	3	1	
3	2E Deferred maintenance addressed	3	3	3	3	1	
15	SUBTOTAL	12	13	15	15	5	
		[Score each 0-x]	[Score each 0-x]	[Score each 0-x]	[Score each 0-x]	[Score each 0-x]	
X 3	COST & SCHEDULE						
16	3A Low Construction Cost	2	0	3	1	16	
6	3B Low Lifecycle/Operational Cost	4	5	6	6	2	
6	3C Limits disruption to Student Life	1	1	5	1	3	
6	3D Desired/required upgrades incorporated	5	6	6	6	1	
34	SUBTOTAL	12	12	20	14	22	
4	OVERALL FEASIBILITY	40	47	64	58	35	
79	% of total possible	50.63%	59.49%	81.01%	73.42%	44.30%	



CONCEPTUAL STUDY SUMMARY

Beecher Road School: Scorecard with Cost Analysis



BRS SCORECARD	APPLIES TO OPTION					Remarks
	AI	BI	D3	D4	REPAIR	
RANK	4	3	1	2	5	
COST ANALYSIS	AI	BI	D3	D4	REPAIR	Remarks
Total Project Cost for Each Option	\$115,057,867	\$122,577,158	\$108,976,697	\$117,819,670	\$30-\$60M	REPAIR Option range considers building upkeep over the next 20 years and ADA compliance.
Reimbursement - School (w space waiver for AI & BI)	-\$36,122,628	-\$38,423,594	-\$34,015,113	-\$27,571,373	Unknown	REPAIR Option Reimbursement is limited and does not apply to maintenance and repair
Reimbursement - Central Office	-\$357,613	-\$350,950	-\$279,623	-\$313,867	Unknown	
Allowance for previous grant penalty	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	0	
Potential Town Share after Reimbursement	\$80,077,627	\$85,302,614	\$76,181,961	\$91,434,430	\$30-\$60M	
32.14%	<i>Reimbursement Rate for Renovate-as-New or New Construction if less expensive (applies to Option D3 - School Only)</i>					
24.17%	<i>Reimbursement Rate for New Construction</i>					
16.07%	<i>Central Office Reimbursed at half the rate for schools, Renovate-as-New (Options AI, BI)</i>					
12.09%	<i>Central Office Reimbursed at half the rate for schools, New Construction (Options D3, D4)</i>					
Potential Bonus Reimbursement	AI	BI	D3	D4	REPAIR	
Early Childhood Care & Education	N/A	N/A	\$15,875,131	\$17,110,906	N/A	
Special Education	\$1,176,214	\$1,049,246	\$977,850	\$1,053,969	N/A	
15.00%	<i>June 30, 2025 Legislation: House Bill No. 7288 applies 15% reimbursement rate increase to the entire (school) project for new or expansion elementary school construction projects that include space for EARLY CHILDHOOD CARE & EDUCATION.</i>					
15.00%	<i>June 30, 2025 Legislation: House Bill No. 7288 establishes 15% reimbursement rate bonus for new or renovation or expansion school construction projects that include a designated space for SPECIAL EDUCATION, applicable to that space only.</i>					

UPDATE D3 TO REFLECT **EXPANSION** & INTEGRATION OF ALL **BONUS REIMBURSEMENT**



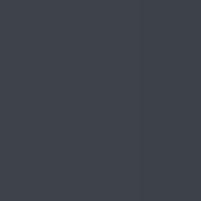
NEXT STEPS

Formal Recommendation of Selected Option



ANTINOZZI
ASSOCIATES
ARCHITECTURE
+ INTERIORS

PLACEHOLDER TEXT FOR MOTION





NEXT STEPS

Requirements for June 30 Grant Application



ANTINOZZI
ASSOCIATES
ARCHITECTURE
+ INTERIORS

Sample of the Three Required Resolutions by June 30, 2026

1. RESOLVED, that the Board of Selectpersons (BOS) authorize the Woodbridge Board of Education (BOE) to apply to the Commissioner of Administrative Services and to accept or reject a grant for the **new construction school project** at Beecher Road School, **pending a referendum on [date]**
2. RESOLVED, that the Beecher Road School Infrastructure Upgrade Building Committee is hereby established as the building committee with regard to the **new construction school project** at Beecher Road School, **pending a referendum on [date]**
3. RESOLVED, that the Board of Selectpersons hereby authorizes at least the preparation of schematic drawings and outline specifications for the **new construction school project** at Beecher Road School, **pending a referendum on [date]**

Notes:

- a. Resolution 3 authorization is contingent upon BOE-approved Ed. Specs.
- b. Grant Application requires approved or Town-Clerk verified minutes indicating approval of resolutions.

Beecher Infrastructure Upgrade

Joint Meeting with the BIUBC & BOE

THANK YOU – QUESTIONS?

ANTINOZZI
ASSOCIATES
ARCHITECTURE
+ INTERIORS



CONSTRUCTION SOLUTIONS GROUP



WOODBRIIDGE PUBLIC SCHOOLS

EDUCATIONAL SPECIFICATIONS

Approved January 15, 2025

Rev. 1 – March 4, 2026

Beecher Road Elementary School

40 Beecher Road
Woodbridge, CT 06525

PREPARED FOR:

Woodbridge Board of Education
40 Beecher Road
Woodbridge, CT 06525

PREPARED BY:



Construction Solutions Group, LLC

34 Sequassen Street, Suite 201
Hartford, CT 06106

www.csgroup-llc.com

Project Overview

The Beecher Road School facility improvement and expansion project aims to address the current and future needs of the school, which will eventually serve a student population of 1,039 students from Pre-Kindergarten through 6th grade. With the community's strong sense of pride in Beecher as a unified school, the project seeks to modernize and expand the existing campus while maintaining the school's integral role in the Woodbridge community.

A major goal of the project is to create educational spaces that support modern pedagogy and learning environments while ensuring that the school's infrastructure is equipped to accommodate future growth. Accessibility, health and wellness standards, and compliance with safety regulations will also be prioritized.

These Educational Specifications were developed in collaboration with the Superintendent, Vonda Tencza, Director of Special Services, Carrie Borcharding, Facilities Manager, Vito Esparo, Director of Business and Operations, Donna Coonan, Director of Security, Vinny Lynch, Director of Food Services, Jessica Hill, Principal, Analisa Sherman, Assistant Principal, James Sapia, Assistant Principal, Cheryl Tafel and Beecher Road School staff. The following individuals participated in specific program meetings to provide input for these educational specifications:

Allie Grabowski – Kindergarten

Christina Thompson – Grade 1

Amanda Esparo – Grade 2

Aimee Meacham – Grade 3

Danielle Marcellino – Grade 4

Cheri Guerra – Grade 5

Meghan Saunders – Grade 6

BJ Ahearn – MAG

Jen Nickle – Language Arts

Maureen Krawec – Math Specialist

Natasha Knoblauch – ELL

Tiffany Bucko – STEAM

Arianne Buzzard – Health

Stephanie Goldberg – Spanish

Ken Caldwell – Band

Lucille Gomes – Art

Jaqui Taylor – Social Worker

Kayla Widmeyer – Psychologist

Dara DiCapua – OT

Lana Moore – Speech

Jen Naylor – Special Education

Beth Greene – Special Education

Anthony Taddei – Physical Education

Ken Caldwell – Music

Larissa Crocco – Library/Media

Jeannie Charleglio – Technology

Anthony Billings – IT

Robin Froehle – School Nurse Supervisor

Jeffrey Jimenez – Accounts Payable

Marsha Degennaro – Administrative Assistant to Superintendent

Rationale for the Project

The need to renovate as new or possibly build a new Beecher Road School in Woodbridge is compelling due to a combination of site conditions, infrastructure limitations, outdated systems, and growing enrollment, all of which present significant challenges to providing a safe, efficient, and modern learning environment for the community's students Pre-K through 6. Below, is an outline of the key factors that support the case for major structural changes to Beecher School.

Enrollment Growth and Capacity Limitations: Woodbridge is experiencing steady population growth, and the predicted student population at Beecher Road School—1039 students (PK-6)—is more than twice the size of an average elementary school in Connecticut. The continued growth of the school-age population will place additional strain on the school's infrastructure, especially given that the existing facility is already at or near capacity. The need for expansion and the creation of appropriate educational spaces is a major goal of this project. A new or additional space to this school could accommodate current enrollment numbers and provide flexibility for future growth, ensuring that the district can meet the educational needs of the community for years to come.

Building Infrastructure Deficiencies: The existing school's infrastructure is aging and has several deficiencies that must be addressed. Key areas of concern include:

- **Building Envelope:** The building's roof, windows, and doors are outdated, and the walls may not meet current standards. Some windows contain asbestos, which presents environmental and safety risks.
- **Building Systems:** The existing systems—particularly technology infrastructure—are not sufficient to support modern educational practices. There are also ongoing concerns with the building's safety and security features, including hardened entrances, surveillance systems, and lockdown procedures, which are crucial for the safety of students and staff.
- **Accessibility:** The current ramps are "grandfathered" in but may not comply with current accessibility requirements, limiting access for individuals with disabilities.

Health and Wellness: A new school would provide an opportunity to address health and wellness concerns that are inherent in older buildings. Current issues such as air quality and inadequate healthcare facilities would be resolved in a new building designed with statutory compliance to modern building system requirements. This would ensure a healthier environment for students and staff, reducing the potential for long-term health issues related to poor indoor air quality or insufficient facilities.

Safety and Security Concerns: The current school faces significant security vulnerabilities, and while improvements are part of the project scope, the existing structure poses challenges in terms of implementing modern safety protocols. A new school would allow for the integration of state-of-the-art safety features from the ground up, such as hardened entrances, improved access controls, better surveillance systems, and more effective lockdown procedures. This would ensure the safety and security of students, staff, and visitors in a way that may be difficult or costly to achieve in the current building.

Educational Programming Needs: The educational needs of the district have evolved, and the current building does not adequately support modern pedagogical practices. The school's design does not align well with the district's educational specifications, and there are concerns regarding the size and layout of classrooms, as well as the overall relationship between instructional spaces. In particular, the PK-K area does not have in-classroom toilet facilities, which is a basic necessity for early childhood education. A renovated facility would provide the opportunity to design spaces that align with contemporary educational methods, offering flexible classrooms, specialized spaces for STEAM (Science, Technology, Engineering, Arts, and Mathematics), and areas that promote collaboration and hands-on learning.

Design Flexibility and Future Expansion: The existing school is a large, interconnected complex that presents management and security challenges. There is an opportunity to explore design options that provide better separation of spaces. These options could allow for greater flexibility in meeting the future needs of the school population, including potential expansion opportunities. The school could be designed with future growth in mind, ensuring that the district remains able to accommodate a growing student body without the need for constant piecemeal renovations.

Building a new school or renovating as new, Beecher Road School will address a range of pressing concerns, from outdated infrastructure and safety issues to the growing demand for educational spaces. By constructing a modern, efficient, and well-designed facility, the district can provide a safe, secure, and conducive learning environment for its students while accommodating future growth. This investment will not only serve current generations of students but also lay the foundation for the long-term success of Woodbridge's educational system.

Long Range Educational Plan

Mission and Vision, Beliefs

Mission Statement

Beecher Road School is a caring, creative community that models and inspires the joy of lifelong learning, embraces diversity, and celebrates the unique qualities of each person.

Vision Statement

To provide a dynamic educational environment that challenges and empowers students to persevere as innovators and collaborators in preparation for their role as responsible global citizens.

We believe that

- All students can learn and it is the responsibility of our school system to provide the supports needed to reach high standards and success.
- Academic skills must meet the expectations of the CT Core Standards. The skills

and attributes needed for success in the 21st century include critical thinking, collaboration, creativity, curiosity, problem solving, and citizenship.

- Meeting academic, artistic, behavioral, social, emotional, and physical needs is essential in educating the whole child.
- We have a responsibility to prepare our students for a rapidly changing world that includes the integration and use of technology.
- Our educational community will continue to grow and improve when all our staff members are expected and supported to learn.
- Our district has a responsibility to inform and engage the community as partners in education.
- Fiscal responsibility is a foundational tenet of our school system.

The Strategic Plan supports the Mission, Vision and Beliefs. There are three priorities:

- Contemporary Learners
- Building Diverse and Healthy Alliances
- Academic Framework

Learning / Educational Activities

Academic Goals

The Beecher Road School core curriculum is aligned with the Connecticut Core Standards across all applicable content areas. The Board of Education and the professional staff continually review curriculum to assure the content matches the needs of your children.

Mathematics

Mathematics philosophy in the Woodbridge School District builds on the belief that children begin school with mathematical intuition and with the ability to think mathematically. School provides a mathematical environment into which come ideas from the broader world and from children's own experiences. Children's relationships with mathematics outside of school are shaped by their experiences with mathematics in school. Through their experiences at Beecher Road School, children will develop an understanding of the world as a mathematical environment.

We affirm:

- Students' experiences in school will promote a positive disposition toward mathematics.
- Students' math programs will recognize and build upon the intuition and awareness with which they begin school.
- Students will have opportunities and will be encouraged to construct their own mathematical understandings.
- Students will use appropriate math tools strategically.
- Students will make use of problems and persevere in solving them.
- Students will reason abstractly and quantitatively.

- Students will construct viable arguments and critique the reasoning of others.
- Students will apply the mathematics they know to solve problems arising in everyday life, society, and the workplace.
- Students will attend to detail and evaluate the reasonableness of their results.

Language Arts

Language arts at Beecher Road School supports and nurtures each child's right to reach their individual potential and to experience the joy of accomplishment. Adhering to the Common Core State Standards (CCSS), the Woodbridge School District has set a goal of preparing every student to be a highly successful and independent reader, writer, critical thinker, and problem solver by the end of sixth grade.

The English Language Arts (ELA) Common Core State Standards provide a consistent, clear understanding of what students are expected to learn. The standards are designed to be rigorous and relevant to the real world, reflecting the knowledge and skills that our young people need for success in college and careers in a global economy.

Literacy is the foundation of learning in all disciplines at Beecher Road School. Our program provides balanced literacy and communication through the developmental process of reading, writing, listening, speaking, as well as acquiring language.

STEAM

BRS students' science experiences offer hands-on/minds-on explorations of natural phenomena while encouraging further questions. Whenever possible, science exploration is embedded in the context of the natural environment. It includes not only facts, but also methods of inquiry. These enable each student to ask thoughtful questions, predict, experiment, use technology, solve problems, evaluate and apply information, and make informed decisions. The science curriculum is always evolving in response to changes in our understanding of scientific phenomena. It encourages every student to approach the world outside the classroom with an open mind by nurturing scientific curiosity, flexible thinking, and a sensitivity to living things and their environments. Finally, it illustrates that scientific investigation is an on-going process that can be applied to all aspects of life. Consequently, it prepares students both for the present and for the future, as today's learning inspires tomorrow's investigation.

Social Studies

Social Studies instruction is aligned with the College, Career, and Civic Life (C3) Framework for Social Studies State Standards. Social Studies is often integrated with other content areas; namely Language Arts. In the upper grades, students engage in departmentalized instruction, allowing for a more comprehensive study of social studies content.

In addition to these core content areas, students at Beecher Road School engage in a

study of the visual and performing Arts, Physical Education, Health and Library and Technology. Instrumental music is offered to interested students beginning in grade 4. Instruction is aligned to applicable standards, while also allowing students the opportunity to explore and grow.

Our vision for the Woodbridge School district is to provide a dynamic educational environment that challenges and empowers students to persevere as innovators and collaborators in preparation for their role as responsible global citizens.

Enrollment Data and Proposed Project Capacity

A 10-year enrollment projection was conducted by Peter M. Prowda, PhD, an independent consultant hired by Woodbridge Public Schools. For purposes of grant applications, the State of Connecticut reviews the enrollment data for the 8 years starting with the year of the application submittal. According to the study the school will enroll students in grades Pre-K – 6th grade and enrollment per the updated enrollment projections will be the highest in the year 2032-33. The projected enrollment for the 2032-33 year for Beecher Road School is 1039.

Below you will see Appendix A. which is a section of Dr. Prowda’s report that indicates the actual enrollment projection for Woodbridge to 2023.

Appendix A. Beecher Road School Enrollment by Grade Projected to 2033											
October of Year	Birth Year¹	Births	K²	1	2	3	4	5	6	PreK	Total
2013	2008	47	119	98	104	93	121	118	96	19	768
2014	2009	46	111	109	108	103	97	128	120	20	796
2015	2010	53	102	106	109	109	102	97	126	20	771
2016	2011	61	97	116	109	118	107	107	97	23	774
2017	2012	58	100	109	125	119	127	110	110	30	830
2018	2013	55	108	114	114	121	124	133	109	20	843
2019	2014	57	101	122	118	119	125	129	134	20	868
2020	2015	61	99	92	104	124	123	124	131	19	816
2021	2016	65	115	118	103	110	133	124	125	18	846
2022	2017	70	105	116	117	111	120	134	126	18	847
2023	2018	59	121	115	131	124	118	120	135	20	884
Projected											
2024	2019	60	105	131	121	139	133	120	121	19	889
2025	2020+	39	79	112	138	128	148	135	121	24	885
2026	2021*	76	121	88	116	144	133	151	137	24	914
2027	2022*	72	115	135	92	121	150	135	153	25	926
2028	2023*	77	128	128	140	96	126	153	137	25	933
2029	2024*	75	122	143	133	147	100	128	155	25	953
2030	2025*	75	120	136	149	139	153	102	129	25	953
2031	2026*	75	122	133	142	156	145	156	103	25	982
2032	2027*	75	122	136	138	149	163	148	158	25	1039
2033	2028*	75	120	136	141	144	155	166	150	25	1037

+ Based on January August births. * Based on October to August births.

¹ 2008 to 2022 births were from the State Department of Public Health. Births in 2022 are provisional. Births in 2023 were based on in-state births through June. Births in 2024 to 2028 were based on the 2017 Connecticut State Data Center projections of women of child-bearing ages in Woodbridge and my estimate of the average of 2020 and 2021 fertility rates in communities like Woodbridge.

² Based on observed birth to kindergarten growth, the proportion of children enrolling when first eligible, a 50% in retentions starting in 2026 and a 50 percent increase in on-time enrollment plus 1-6 children in kindergarten such that total Open Choice enrollment remains at 18 students.

Building Systems

<p>Security</p>	<p>An electronic security system will be installed in the school, including cameras and state of the art entry security. The school will be designed to prevent access to most school instructional areas when community events take place during non-school hours. The project will be coordinated with District and Town leadership security goals in keeping with the All-Hazards School Security and Safety Plan for Beecher Road Elementary.</p> <p>The school must also comply with school safety infrastructure criteria as determined by the Connecticut School Building Projects Advisory Council. Per Connecticut General Statutes:</p> <p>§ 10-292r. School safety infrastructure criteria. (a) <i>The School Building Projects Advisory Council, established pursuant to section 10-292q, shall periodically review and update, as necessary, school safety infrastructure criteria for school building projects awarded grants pursuant to this chapter and the school security infrastructure competitive grant program, pursuant to section 84 of public act 13-3*. <u>Such school safety infrastructure criteria shall conform to industry standards for school building safety infrastructure and shall address areas including, but not be limited to, (1) entryways to school buildings and classrooms, such as, reinforcement of entryways, ballistic glass, solid core doors, double door access, computer-controlled electronic locks, remote locks on all entrance and exits and buzzer systems, (2) the use of cameras throughout the school building and at all entrances and exits, including the use of closed-circuit television monitoring, (3) penetration resistant vestibules, and (4) other security infrastructure improvements and devices as they become industry standards.</u></i></p>
<p>Technology</p>	<p>Since technology systems evolve rapidly, systems installed as part of the technology component will be released after the main building to ensure access to the latest products. A wide-area network (WAN) will be installed, and the building will be networked to the network policy server (NPS). Wireless Access Points (WAPs) will be installed throughout the entire school. The new School may serve as a WAP for the community.</p> <p>Ethernet shall be CAT6 or better, providing 1 GB to desktop and 10GB trunks to all interconnections to all the data closets. Drops in the</p>

	ceiling for wireless APs should be installed for support of the wireless infrastructure. All assembly areas such as the Gym, MPR, and LMC shall have a minimum of three ceiling/wall mounted drops for wireless APs.
Public Address	The building's public address system will be comprehensive, and the infrastructure installed with the building. It will be completed as part of the technology component of the project and will incorporate internal building communications as well as external communications. Concurrently, the systems for the phones, clocks, and data/voice/video will be developed.
Phone System	A comprehensive phone system will be integrated with the technology component of the project, and phones will be installed throughout the facility. All support and instructional spaces will be included.
Clocks	Clocks, like the phone system, will be integrated into the technology component of the project. All support and instructional spaces will be included.
Building Envelope	New portions of the building will be insulated in conformance with current Codes and Connecticut High-Performance Building Standards and shall be protected by a continuous layer of air and vapor barriers tied into the roof membrane and associated flashings. Any existing portions of the building envelope will be upgraded as feasible. All windows will be replaced.
HVAC	Connecticut High-Performance Building Standards, similar to LEED, will be followed. A new heating, air conditioning, and ventilation system will be installed throughout the building. Heating design shall be 70 degrees, and cooling design shall be 75 degrees. A Building Management System (BMS) shall be installed to control the mechanical and selected electrical systems. BMS shall be by the Temperature Control vendor approved by the Owner. The system shall provide temperature control and monitoring for all HVAC systems in the building, shall be programmable for occupied and unoccupied

	<p>periods, and shall use carbon dioxide sensing to control outside air volume. The BMS shall communicate directly to the district’s central system, with off-site alarming capability.</p>
<p>Automatic Fire Suppression & Fire Alarm</p>	<p>The building will be equipped throughout with a sprinkler system in conformance with NFPA 13, 20 & 24. A fire pump with generator backup will be provided if existing water pressure is insufficient. A new addressable, speaker-type fire alarm system will be provided in compliance with Code and ADA requirements, tied into the sprinkler system.</p>
<p>Plumbing</p>	<p>Plumbing fixtures shall be low flow, energy efficient, and ADA compliant. Each drinking fountain location will include at least one bottle filler. Grease waste from the kitchen shall be piped to a direct-buried grease interceptor outside the building. Waste leaving the grease interceptor shall be tied back into the sanitary pipe leaving the building. All floor drains shall be self-priming.</p>
<p>Electrical</p>	<p>The building electrical service shall be capable of meeting the needs of the building and site. Provide a backup generator if a fire pump is required. If a backup generator is not required nor provided, battery backup will be provided for emergency systems via inverters. If a generator is not provided, include an automatic transfer switch to allow key systems, such as heating for freeze protection, to function during an extended power outage with the use of a temporary generator.</p> <p>The building’s electrical and structural systems will be designed to accommodate rooftop photovoltaic solar panels. Roof load designs will allow for a ballasted panel system to reduce rooftop penetrations.</p> <p>Lighting shall be high-efficiency LED, designed to promote an optimal learning environment, with ample low-glare illumination. Lighting shall use motion sensors and automatic dimming for daylight harvesting.</p>
<p>Acoustics</p>	<p>Per Connecticut State Building Code, for new construction the building must comply with ANSI A117.1 Section 808, “Enhanced Acoustics for Classrooms.” Reverberation time will be limited in accordance with</p>

	<p>this standard, and wall partitions shall have STC ratings as needed to keep classroom ambient sound levels from sources outside the classroom to 35 dBA and 55 dBC. All wall partitions separating spaces shall extend to the deck above. All spaces are considered to have acoustic separation. Acoustical finishes and treatments will be used as needed throughout the school’s interior.</p>
<p>Renovated Spaces</p>	<p>All discontinued and abandoned systems, including but not limited to HVAC, plumbing, and all types of high- and low-voltage wiring, shall be completely removed from renovated areas. All holes and previous penetrations shall be sealed. Wall partitions shall be extended to deck if needed for room separation. All areas of staining or indication of previous water damage shall be investigated and repaired.</p>

Interior Building Environment

The school design shall incorporate a secure, obvious and inviting main entrance to function as the primary entry for all visitors. This entrance shall incorporate a vestibule with locking at the inner and outer doors, adjacent to the secure lobby of the administrative wing. The entry sequence shall include checkpoints at the outer vestibule door, at the connection between the vestibule and the secure lobby, and then from the lobby into the building. Civic spaces, such as the Gymnasium and Cafeteria, will be close to the main entrance. Doorways in corridors shall be positioned to maximize lock-off capability of academic areas for after-hours events in the building’s more public areas.

All spaces will be optimized for 21st-century learning, with ample power and technology receptacles, and interactive displays on teaching walls, in conference rooms and in larger office spaces. Permanent casework, including upper and lower cabinets with solid surfacing countertops, will be incorporated into classroom spaces to provide active storage. Furniture will be selected for flexibility and mobility. Furniture systems shall be easy to configure into multiple arrangements to accommodate group learning, traditional rows for testing, seminar style, or a hybrid.

Classroom placement will prioritize access to natural light, as well as regular, consistent shape and size to allow for future flexibility. All windows below head-height will receive roller shades, with sun-filtering fabric of sufficient thickness to obscure views or black-out shades. Door locking and hardware will conform to District standards. All classrooms must lock easily and quickly, and shall be equipped with vision panels with shades or security shutters. Building exits not required to function as entrances will receive exit-only hardware; entrances will receive card readers. Larger areas will be designed for lockdown, either with magnetic hold-opens releasing doors on lockdown or through other electronic means. The building will be fully accessible, with ADA compliance throughout.

Finishes will be selected for ease of maintenance, durability, and aesthetics. No-wax flooring will be used; all finishes will be reviewed with maintenance staff. Concrete masonry construction is favored for corridors; if this is not feasible, durable wainscoting must be provided. All drywall in areas used by students shall be impact-resistant high abuse type. Toilet rooms shall have tile on floors and wet walls and epoxy paint on non-tiled walls.

The development of this educational specification points to a new seven-section classroom model with two Pre-K sections. Spaces beyond the classrooms are also diagrammed and summarized in the attached matrix for all educational spaces. The following is a general description of each space:

Academic Core Programs approximately 53,300 sq. ft.

6 – Six Pre-K classrooms, each approximately 1050 sq. ft.

Common to all Pre-K classrooms:

- 1 teaching station per classroom: Teacher’s desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Student bathroom facilities
- Space for 20 students in each classroom
- Countertop cabinets with a sink
- Flexible seating
- Carrels
- Dividers
- Carpeted area for small group instruction
- Sensory materials in small area of classroom
- Bookcases on wheels
- Activity tables
- Changing table
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- 24 2’X2’ cubbies along one wall for student belongings
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse with auxiliary HDMI input

7 – Seven Kindergarten classrooms, each approximately 1050 sq. ft.

Common to all Kindergarten classrooms:

- 1 teaching station per classroom: Teacher’s desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Student bathroom facilities
- Space for 24 students in each classroom
- Countertop cabinets with a sink
- Flexible seating
- Worktable for small group instruction
- Bookcases on wheels
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- 24 2’X2’ cubbies along one wall for student belongings
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse with auxiliary HDMI input

38– Thirty-Eight Academic Core Classrooms, each approx. 800 sq. ft.: Common to all 1st – 6th Grade Classrooms:

- 1 teaching station per classroom: Teacher’s desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 24 students in each classroom
- Countertop cabinets with a sink
- Bookcases on wheels
- Worktable for small group instruction
- Storage cubbies for student coats and materials
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse with auxiliary HDMI input

4 – Four MAG Classrooms, each approx. 800 sq. ft.:

- Lockable storage/wardrobe cabinet, lockable
- Teacher carts for laptops
- Space for 24 students in each classroom
- Countertop cabinets with a sink
- Bookcases on wheels
- Flexible seating
- Sound curtain
- Worktable for small group instruction
- Storage cubbies for student coats and materials
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse with auxiliary HDMI input

1 – STEAM Classroom – 800 sq. ft.

- Movable furniture
- Cabinets for secured storage and project display/storage for learning materials
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- Lab tables
- 3D Printer
- One (1) teacher computer
- 22-inch display
- Wireless keyboard/mouse
- Aux HDMI input
- Parabolic LED lighting with variable light level switching or addressable

1 – Multi-Purpose Classroom, approximately 1,000 sq. ft.

- Cabinets for secured storage and project display/storage for learning materials
- Movable Furniture
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP)

- in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic white boards and tack boards
- Luxury vinyl tile/rubber high density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse with auxiliary HDMI input

1 – One Math Intervention Classroom, approximately 800 sq. ft.

- 1 teaching station, Teacher’s desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 16 students
- Horseshoe tables
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Whiteboards and tack boards
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse
- Aux HDMI input

1 – One Reading Intervention Classrooms, approximately 950 sq. ft. each

- 1 teaching station, Teacher’s desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 10 students
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Whiteboards and tack boards
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse
- Aux HDMI input

1 – Reading Storage Closet, 100 sq. ft.

- Built-in shelving to accommodate books

2 – Two Spanish Classrooms, each approx. 800 sq. ft.

- 1 teaching station per classroom: Teacher’s desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 24 students in each classroom
- Countertop cabinets with a sink
- Bookcases on wheels
- Worktable for small group instruction
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse with auxiliary HDMI input

1 – ELL Classroom, approximately 500 sq. ft.

- Teacher’s desk, chair, 4-drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 15-20 students
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP)
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- Parabolic LED lighting with variable light level switching or addressable.

Special Education 7,400 sq. ft.

7 – Seven Special Education Resource Rooms, each approx. 450 sq. ft

- Comfortable chairs/desks/tables to accommodate (15) fifteen (flexible/adaptable/easily movable workstations)
- Teacher desk/chair
- Bookshelves
- Open shelving & storage cabinets
- Secured storage for materials
- Interactive LED Panel (at least 75")
- Wall/ceiling-mounted speakers
- Luxury vinyl-enhanced tile or flooring that allows for easy movement of furniture
- Magnetic whiteboards (wall-to-wall) on the front or side walls
- Bulletin boards lining the back wall
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse

1 – Special Education Testing Office - 150 sq. ft.

- Desk and chair
- Student table
- 1 – 4-drawer lockable file cabinets
- Fire-rated student records file storage
- Base and wall cabinet storage
- Bulletin board
- Lockable storage wardrobe
- Network copier and fax machine
- One (1) computer
- Table and counter space
- Luxury vinyl-enhanced tile or flooring

3 – Three Speech and Language Rooms - 200 sq. ft. each

- Teacher's desk, chair, 4-drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 5-8 students
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP)
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards

- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- Parabolic LED lighting with variable light level switching or addressable.

2- SEL Classrooms approximately 500 sq. ft. each

- Teacher's desk, chair, 4-drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Sinks
- Padded areas
- Space for 10-12 students
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- Parabolic LED lighting with variable light level switching or addressable.
- One (1) teacher computer, 22-inch display
- 3 Study Carrels

1- Life Skills Classroom approximately 800 sq. ft.

- Teacher's desk, chair, 4-drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Sinks
- Hoyer lifts
- Bathroom
- Small office space within classroom
- Changing facility
- Space for 10-12 students
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- Parabolic LED lighting with variable light level switching or addressable.
- One (1) teacher computer, 22-inch display

1 - OT/PT Room – 600 sq. ft.

- parabolic LED lighting with variable light level switching
- Luxury vinyl-enhanced tile flooring
- Shelving for materials and supplies
- platform swing
- crash pads
- Therapy balls
- Trampoline
- Peg board wall
- Sensory tent
- Multiple weight-bearing ceiling attachments for equipment

1 – Sensory Room - 400 sq. ft.

- Soft seating
- swing
- Crash pads
- Flooring -padded or carpeted
- Bean bag chairs
- Bulletin board
- Lockable storage wardrobe
- Mobile sensory cart
- sink
- One (1) computer
- Table and counter space
- Bubble Tubes
- Adjustable lighting
- Tactile Wall Murals/Panels
- Multiple weight-bearing ceiling attachments for equipment
- Interactive Smartboard

2 – Two School Social Worker Offices - 175 sq. ft. each

- Desk and chair
- 1 – 4-drawer lockable file cabinets
- Fire-rated student records file storage
- Base and wall cabinet storage
- Student table

- Sink
- Bulletin board
- Lockable storage wardrobe
- Network copier and fax machine
- One (1) computer
- Table and counter space
- Luxury vinyl enhanced tile or flooring

2 – Two Psychologist Offices - 175 sq. ft. each

- Desk and chair
- 1 – 4-drawer lockable file cabinets
- Fire-rated student records file storage
- Base and wall cabinet storage
- Student table
- Bulletin board
- Lockable storage wardrobe
- Network copier and fax machine
- One (1) computer
- Table and counter space
- Luxury vinyl-enhanced tile or flooring

Physical Education Approximately – 11,700 sq. ft.

1 – Gymnasium - 5,500 sq. ft.

- All-purpose wood floor system with essential markings
- Removable protective matting
- One main basketball court (45'x74') Two cross-courts as well
- Basketball backboards to be adjustable and swing out/up for non-use.
- Set up for Volleyball with necessary inserts and markings
- Bleacher seating- limited
- Ceiling-mounted air destratification fans
- Sound system
- Ropes, nets and basketball hoops
- Padding on walls and floor for physical education programs
- Suspension equipment and/or storage rooms for pads
- Room dividing curtain/mesh to bisect the space for dual activities
- High output LED lighting for efficiency and color correction for multipurpose activities.
- Acoustic wall panels
- 1 Electronic scoreboard

- 1 Digital messaging board

1 – Auxiliary Gymnasium - 4,000 sq. ft.

- All-purpose wood floor system with essential markings
- Removable protective matting
- One main basketball court
- Set up for Volleyball with necessary inserts and markings
- Ceiling-mounted air destratification fans
- Ropes, nets and basketball hoops
- Padding on walls and floor for physical education programs
- Suspension equipment and/or storage rooms for pads
- Room dividing curtain/mesh to bisect the space for dual activities
- High output LED lighting for efficiency and color correction for multipurpose activities.
- Acoustic wall panels

2- P.E Offices, approximately 100 sq. ft. each

- Teacher’s desk, chair, 4-drawer file cabinet, lockable storage/wardrobe cabinet,
- Luxury vinyl-enhanced tile or flooring
- One (1) teacher computer with a 22-inch display
- Wireless keyboard/mouse
- Aux HDMI input

2 – PE Equipment Storage Rooms of approximately 300 sq. ft. each

- Sealed concrete floor
- Minimum 10-foot ceiling to maximize storage

1– Health Classroom, approx. 800 sq. ft.

- 1 teaching station per classroom: Teacher’s desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 24 students in classroom
- Countertop cabinets with a sink
- Bookcases on wheels
- Worktable for small group instruction
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current

- school technology on the teaching wall
- Magnetic whiteboards and tack boards
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse with auxiliary HDMI input

1– Health Fitness Center, approx. 600 sq. ft.

- Sink
- Standard fitness room equipment
- Racks of weights
- Pull up bars
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- Mirrored walls
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse with auxiliary HDMI input

Food Services – 6,800 sq. ft.

1 – Student Cafeteria approximately – 4,500 sq. ft.

Typical acoustical treatments for the walls to dampen sound are needed. The cafeteria should be constructed adjacent to the kitchen. Multiple student traffic flows should be considered in the placement of the food serving line. The placement of student restrooms in the vicinity of the cafeteria should be considered in the design to provide student convenience.

- The room should accommodate risers with handicapped accessibility
- Space to seat approximately 180 students per lunch wave in 3 waves
- Lighting and sound systems to support the instructional use of the space
- State-of-the-art public technology including a Smart TV
- Acoustical treatment of wall and ceiling to support the use of the space
- Resilient tile flooring durable and washable, with a slip-resistant finish
- Provide windows with abundant natural light and create relationships to exterior
- Provide exterior dining
- Scrubbable painted or masonry walls for durability and high lay-in ceilings, durable

- and washable
- High out-put LED lighting for efficiency and color correction for dining and multipurpose activities
- Portable (fold in half on wheels) cafeteria round tables
- Convenience power for cleaning equipment and staff/visitor laptops
- Numerous WAP for LAN and internet use by staff, students, and visitors
- Several Monitors throughout space
- 4 Hand washing stations
- 2 microwave ovens for student use

1 - Staff Dining Area, approximately – 550 sq. ft.

- Tables and chairs for up to fifteen (30) staff members
- Cabinets and countertop with sink
- Microwave oven
- Refrigerator
- Dedicated electrical circuits for refrigerator and microwave
- Interactive LED Panel (at least 75")
- Wall/ceiling-mounted speakers
- Vinyl-enhanced tile or flooring that allows for easy cleanup
- Magnetic whiteboards
- Bulletin boards

1 – Kitchen Serving/Cold Storage - 1,800sq. ft

- Two (2) - Double sink preparation tables each with one (1) standard faucet and one (1) pre-rinse faucet
- Two (2) – Warmers
- Two (2) - Double Deck Convection Ovens
- One (1) - Combi-Oven
- One (1) - Convection Steamer
- One (1) - Pasta Kettle – 30 gallons
- One (1) - 12- Burner Range
- Walk-in freezer
- Three (3) compartment sink assembly with drain boards for pot and pan washing; each compartment shall measure 27" x 27" x 16" deep; a pre-rinse spray assembly required at one (1) sink compartment
- Dishwasher/Tray station
- Recycling center for paper, liquids etc.
- Hot & Cold Food Station
- Express Stations for self-serve foods and dry display snacks
- Cashier stations strategically located at the exit from the Servedy
- Mobile condiment stations to be located at the exit of the Servedy

- Grease-trap to be located outside of the building for ease of maintenance
- Utility Distribution System with quick disconnect devices for all services
- Walk-in refrigerators and freezers will require backup generator power; audio/visual temperature alarm; refrigeration control alarm; temperature alarms to be wired to the “Building Monitoring System
- Water conservation methods
- Provide High-Efficiency Energy Star Label Equipment & Lighting
- Exhaust hoods: Demand Control Ventilation Package
- Temperature maintenance, water filtration and sanitation to promote food safety
- Exterior in-line grease trap to conform to FOG Program
- Linked to the building management system for notification of temperature failure
- Connected to the emergency generator in case of power failure
- Office space (Approx. 100 sq. ft) for manager
- Desk and chair
- Staff toilet
- One (1) lockable teacher storage wardrobe
- One (1) lockable four-drawer filing cabinet
- Magnetic whiteboard
- One (1) computer

Arts and Music Programs - 5,400 sq. ft.

All the following spaces need to be designed for maximum sound attenuation

1 – Band Room – 1,000 sq. ft.

- Seventy-five (75) performer chairs
- Seventy-five (75) music stands
- Wenger flip forms for thirty (30) students
- Five (5) Chair Move and Store Carts
- Built-in counters/cabinets with storage above and below
- Teacher’s desk, chair, 4-drawer file cabinet, lockable, storage/wardrobe cabinet
- Incorporate new music technologies, WAP
- Electrical convenience power
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- One (1) teacher computer
- One (1) teacher desk
- Sink
- Instrument closed storage
- Appropriate sound management materials on walls and floor
- Resilient tile floor,
- Acoustic ceilings and parabolic LED lighting with variable light level switching

2 – Chorus Rooms – 800 sq. ft. each

- Sixty (60) performer chairs
- Wenger flip forms for thirty (30) students
- Three (3) Chair Move and Store Carts
- Built-in counters/cabinets with storage above and below
- Teacher's desk, chair, 4-drawer file cabinet, lockable, storage/wardrobe cabinet
- Incorporate new music technologies, WAP
- Electrical convenience power
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- One (1) teacher computer
- One (1) teacher desk
- Electronic piano
- Sink
- Music closed storage for instruments
- Appropriate sound management materials on walls and floor
- Resilient tile floor,
- Acoustic ceilings and parabolic LED lighting with variable light level switching

2 – Music Storage Closets, 150 sq. ft. each

- Built-in shelving to accommodate instruments

2 - Art Rooms approximately 1,000 sq. ft. each

- Must have ample natural light
- Six tables; Twenty-four (24) chairs
- Teacher desk/chair
- 4-drawer file cabinet, lockable, storage/wardrobe cabinet
- Vertical storage with shelves and doors
- Light table
- Spray booth
- Built-in counter space with storage above and below
- Document Camera
- Wall/ceiling-mounted speakers
- Vinyl-enhanced tile or flooring that allows for easy cleanup
- Walls should be functional workspaces and for showcasing student work Multiple magnetic whiteboards (wall-to-wall) on front and side walls
- Bulletin boards lining the back wall
- One (1) teacher computer, 22-inch display

- Wireless keyboard/mouse
- Aux HDMI input
- Include ample storage space within the room
- 2- free standing deep utility sinks with sediment traps dispersed throughout the classroom
- Electrical convenience power throughout the perimeter.
- Uninterrupted flat countertop space with bottom storage cabinets and open shelving including deep and wide drawer shelving with suspension hardware
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Integrated modern technology, WAP
- Dedicated ventilation
- Electrical disconnect for Kiln
- Luxury vinyl-enhanced tile or flooring
- Shelving should be wide and sturdy to support various art supplies

1 – Kiln Room, 200 sq. ft.

- Large Kiln
- Sturdy rack style shelving for student projects
- Electrical disconnect for Kiln
- Luxury vinyl enhanced tile or flooring

2 – Art Storage, 150 sq. ft. each

- Shelving should be wide and sturdy to support various art supplies

Library/Media Center of approximately 4,150 sq. ft.

The Library/Media Center will be designed to become the learning hub of the school. It will continue to be where teachers encourage students to develop a passion for reading. This will also serve as a place where student-centered activities happen with the integration of technology. This area will include a Makerspace that will be welcoming and encourage students to be creative problem-solvers, take risks and think critically. Students will have the opportunity to engage in hands-on activities using various materials as well as the latest technology. The Library/Media Specialist will collaborate with the classroom teachers on various projects and use this space to show students how to locate and evaluate important information.

1 – Media center/Stacks/Circulation – 2,000 sq. ft.

- The Circulation Center will be located in the center of the Media Center and adjacent to the workroom and media specialist office
- Minimum of three WAP and some supplemental data jacks located throughout for

- student access to LAN and internet
- Flexible book shelving that can be reconfigured for a collection of approx. 60,000 volumes with open sight lines possible for optimum adult supervision
- Monitors throughout space.
- Rolling bookshelves for a limited collection of books
- Areas with comfortable seating
- Printer
- Bulletin Boards to display student work and promotional materials
- Two (2) staff computers for the circulation desk area
- Desk and chair
- 1 – 4-drawer lockable file cabinets
- Base and wall cabinet storage
- Bulletin board
- Lockable storage wardrobe
- Network copier and fax machine
- Luxury vinyl-enhanced tile or flooring
- Cabinets with various shelving

1 – Library/Media Specialist Office– 150 sq. ft.

- 1 teaching station per classroom: Teacher’s desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Table
- Seating for six (6)
- Lockable lateral files
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50” display)
- Luxury vinyl-enhanced tile
- Magnetic whiteboard
- Bulletin board
- One (1) computer, 22-inch display
- Aux ports for plugging into a display

1 – Workroom Storage, 200 sq. ft.

- Built-in shelving to accommodate storage

1 – IT Specialist – Work Room/Chrome Book Repair - 300 sq. ft.

- Cabinets and shelving for supplies
- Counter space for repair work
- Two (2) chairs
- Multiple outlets above countertop

1 – Innovation Maker Space, approximately 500 sq. ft.

- Cabinets for secured storage and project display/storage for learning materials
- Movable Furniture for 15 students
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Luxury vinyl tile/rubber high density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- White boards and tack boards
- Wireless keyboard/mouse with auxiliary HDMI input

1 – Tech Classroom, approximately 500 sq. ft.

- Cabinets for secured storage and project display/storage for learning materials
- Built in perimeter furniture for 24 students to support computers
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Luxury vinyl tile/rubber high density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- White boards and tack boards
- Wireless keyboard/mouse with auxiliary HDMI input

1 – One Flex Classroom, approx. 500 sq. ft.:

- 1 teaching station per classroom: Teacher’s desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Movable Furniture
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic whiteboards and tack boards
- Luxury vinyl tile/rubber high-density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse with auxiliary HDMI input

Administrative and Support Spaces 3,600 sq. ft.

Main administrative offices will be located at the front, adjacent to the main entry and connected by a security vestibule, allowing visually controlled access to the building through the administration reception waiting area. A dedicated 911 phone shall be located in the main office for the purpose of informing office staff if 911 is called from any facility phone. All exit/entry doors have electronic hardware that will activate on notification from striking of a panic button. Glazing will be minimal and secure.

1 – Main Office: Secretarial area approximately 1,000 sq. ft.

- Three (3) Secretarial work stations behind the main counter
- Lockable storage wardrobes
- Two (2) lockable four-drawer filing cabinets
- Fire-rated student file storage
- Base and wall cabinet storage
- Network copier and fax machine
- Kitchenette
- Bulletin boards
- Luxury vinyl-enhanced tile or flooring
- One (1) computer per secretary/clerk
- Electronic security system

1 - Reception area (included)

- Reception area to have 6 comfortable chairs for visitors
- Bulletin boards
- Luxury vinyl-enhanced tile or flooring
- Electronic security system

1 – Principal's Office– 200 sq. ft.

- Desk and chair
- Table
- Seating for six (6)
- Lockable storage/wardrobe
- Lockable lateral files
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50" display)
- Security "panic" button with a dedicated phone line
- Luxury vinyl-enhanced tile
- Magnetic whiteboard
- Bulletin board

- One (1) computer
- Aux ports for plugging into a display

2 – Assistant Principal’s Offices - 150 sq. ft. each

- Table
- Desk and Chair
- Seating for six (6)
- Lockable storage/wardrobe
- Lockable lateral files
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50” display)
- Security “panic” button with a dedicated phone line
- Luxury vinyl-enhanced tile or flooring
- Magnetic whiteboard
- Bulletin board
- One (1) computer
- Aux ports for plugging into display

1 – Director of Student Services Office – 150 sq. ft.

- Desk and chair
- Table
- Seating for six (6)
- Lockable storage/wardrobe
- Lockable lateral files
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50” display)
- Security “panic” button with a dedicated phone line
- Luxury vinyl-enhanced tile
- Magnetic whiteboard
- Bulletin board
- One (1) computer
- Aux ports for plugging into a display

2 – Conference rooms – 250 sq. ft. each

- Conference table
- Seating for fifteen (15)
- Credenza
- Interactive LED Panel (32-50” display)
- Aux ports for plugging into the display
- Magnetic whiteboard

- Luxury vinyl-enhanced tile or flooring
- Bulletin board

1 – Health Suite includes Nurse’s Office, approximately 800 sq. ft.

- Three (3) desks with chairs
- Three (3) computers
- Built-in counters with shelving below around the perimeter of the room
- Multiple file cabinets Four (4) four-drawer; two (2) two-drawer
- two (2) double cabinets (full size)
- Two (2) double cabinets (half-size)
- Three (3) Double-locked medicine cabinets
- Two (2) locking wall cabinets
- Large closet with shelving and doors
- Refrigerator
- Ice maker
- Two (2) Sinks with hot and cold water, soap, and towel dispenser
- Microwave
- Scale
- 3 chairs
- Exam room
- Bathroom
- Five (5) cots
- Privacy curtains
- Three (3) wheelchairs
- Eye-wash station
- Vinyl-enhanced tile
- One (1) large bulletin board
- Centrally located adjacent to the main office

1 - Security Office - 150 sq. ft.

- Desk and chair
- 1 – 4-drawer lockable file cabinets
- Fire-rated student records file storage
- Base and wall cabinet storage
- Bulletin board
- Lockable storage wardrobe
- Network copier and fax machine
- One (1) computer
- Table and counter space
- Luxury vinyl-enhanced tile or flooring

1 – Staff Workroom – 500 sq. ft.

- Conference table and chairs
- Credenza,
- Interactive LED Panel (32-50" display)
- Aux ports for plugging into the display
- Magnetic whiteboard
- Luxury vinyl-enhanced tile or flooring
- Bulletin board
- Network Copier
- Table and counter space

Central Office Spaces 2,700 sq. ft.

1 – Central Office: Secretarial area approximately 1,000 sq. ft.

- One (1) Secretarial work station behind the main counter
- Lockable storage wardrobes
- Eight (8) lockable four-drawer filing cabinets
- Fire-rated student file storage
- Base and wall cabinet storage
- Network copier and fax machine
- Bulletin boards
- Luxury vinyl-enhanced tile or flooring
- One (1) computer per secretary/clerk
- Electronic security system

1 - Reception area (included)

- Reception area to have 6 comfortable chairs for visitors
- Bulletin boards
- Luxury vinyl-enhanced tile or flooring
- Electronic security system

1 – Superintendent’s Office– 400 sq. ft.

- Desk and chair
- Table
- Seating for six (6)
- Lockable storage/wardrobe
- Lockable lateral files
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50" display)
- Security “panic” button with a dedicated phone line
- Luxury vinyl-enhanced tile

- Magnetic whiteboard
- Bulletin board
- One (1) computer
- Aux ports for plugging into a display

1 – Director of Business and Operations - 250 sq. ft.

- Table and chairs
- Desk and Chair
- Lockable storage/wardrobe
- Two (2) lockable file cabinets
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50" display)
- Luxury vinyl-enhanced tile or flooring
- Magnetic whiteboard
- Bulletin board
- One (1) computer
- Aux ports for plugging into display

1 – District Conference rooms – 300 sq. ft.

- Conference table
- Seating for fifteen (15)
- Credenza
- Interactive LED Panel (32-50" display)
- Aux ports for plugging into the display
- Magnetic whiteboard
- Luxury vinyl-enhanced tile or flooring
- Bulletin board

1 – Director of Food Services - 200 sq. ft.

- Table
- Desk and Chair
- Lockable storage/wardrobe
- Lockable lateral files
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50" display)
- Luxury vinyl-enhanced tile or flooring
- Magnetic whiteboard
- Bulletin board
- One (1) computer
- Aux ports for plugging into display

2 – Accounts Payable Offices - 150 sq. ft. each

- Desk and Chair
- Lockable storage/wardrobe
- Lockable lateral files
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50" display)
- Luxury vinyl-enhanced tile or flooring
- Magnetic whiteboard
- Bulletin board
- One (1) computer
- Aux ports for plugging into display

1 – Director of Security Office - 250 sq. ft.

- Table
- Desk and Chair
- Lockable storage/wardrobe
- Lockable lateral files
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50" display)
- Security "panic" button with a dedicated phone line
- Luxury vinyl-enhanced tile or flooring
- Magnetic whiteboard
- Bulletin board
- One (1) computer
- Aux ports for plugging into display

Building Services and Core Area – 8,000 sq. ft.

1 – Facilities Office – 100 sq. ft.

- Desk and chair
- Lockable storage/wardrobe
- Lockable lateral files
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50" display)
- Luxury vinyl-enhanced tile
- Magnetic whiteboard
- Bulletin board
- One (1) computer
- Aux ports for plugging into the display

2 – General Building Storage – approximately 800 sq. ft. each

- Steel storage shelves
- Lockable tool cabinets
- Wall-mounted tool hanging system

2 – Men’s Public Toilets – 150 sq. ft.

2 – Women’s Public Toilet – 150 sq. ft.

6 – Boy’s Toilet Rooms – 200 sq. ft.

6 – Girl’s Toilet Rooms – 200 sq. ft.

6 – Staff Toilet Rooms – 75 sq. ft.

4 – All-inclusive Toilet Room – 75 sq. ft.

1 – Custodial Office – 200 sq. ft.

- Two (2) desk/chair
- Workstation table
- Luxury vinyl-enhanced tile
- Magnetic whiteboard
- Bulletin board
- One (1) computer
- Aux ports for plugging into the display

5 – Custodial Closets – 40 sq. ft.

1 – Mechanical and Water Service Room – 600 sq. ft.

1 – Fire Sprinkler Room – 300 sq. ft.

1 – Main Electrical Room – 300 sq. ft.

2 – Electrical Closets – 150 sq. ft.

1 – MDF Rooms – 200 sq. ft.

1 – IDF Rooms – 150 sq. ft.

1 – Delivery and receiving 300 sq. ft.

Site Development

The design of the school should include concrete sidewalks be constructed around the perimeter of the building. Concrete curbs should be used adjacent to those sidewalks. An entry plaza will be constructed at the main entrance consisting of scored concrete or pavers, trees, benches, a flagpole and an electronic marquee for school notifications. Full-cutoff site lighting will be provided throughout the parking lots and along pedestrian ways around and into the building.

Two outdoor play areas will be incorporated into the site: one for students aged 5-12, and another, fully fenced, for students aged 2-5. These areas shall be furnished with age-appropriate play equipment in keeping with all applicable safety standards. Adequate fall zones and safety surfacing shall be provided.

Sustainability

All State-funded schools with renovation budgets in excess of \$2 million dollars or new construction budgets in excess of \$5 million dollars must comply with Connecticut High Performance School Standards, a checklist-based system with mandatory and optional requirements, similar to LEED Silver. This process ensures that an integrated design process is followed from design through construction, including building commissioning of HVAC and key envelope components of the building. Many other sustainable practices are included and tracked, including minimum energy performance, energy modeling, air quality, ventilation, acoustics, recycled materials, limiting volatile organic compounds, green cleaning, and more. Long term sustainable energy, such as solar panels, will be considered in the design to lower annual operating costs and contribute to a cleaner environment.

WELL Building Standard is a performance-based system used for schools, “monitoring features of the built environment that impact human health and well-being, through air, water, nourishment, light, fitness, comfort and mind.” This system takes a holistic approach to health in the built environment. While WELL Building Certification may or may not be pursued, the new design will incorporate concepts from this Standard.

Community Uses

The school facility will be utilized by the community for a variety of purposes. There will be community use of the gymnasium and classrooms for Parks & Recreation programs during the school year and during the summer months. Notably, the entire building and site is used by the public throughout the year.

Bonuses

The project will be seeking the following bonuses:

- Public Act No. 25-174 Section 142 (e) (1) Expansion of early childhood – 15%
- Public Act No. 25-174 Section 142 (e) (2) Creation of in-district special education services
- November Special Session Public Act No. 25-1 Section 46 (l) Reimbursement increase for local and regional boards of education complying with housing growth plans

Program Diagrams and Program Matrix

SPACE PROGRAM MATRIX			
Summary: Proposed Building Program			Projected Enrollment: 1036
Beecher Elementary School			
Academic Core Programs			
Spaces	Proposed Qty.	Proposed Room Area (SF)	Proposed Area Subtotal (SF)
Pre-K Classrooms	6	1,050	6,300
Kindergarten Classrooms	7	1,050	7,350
1st Grade Classrooms	6	850	5,100
2nd Grade Classrooms	6	800	4,800
3rd Grade Classrooms	6	800	4,800
4th Grade Classrooms	6	800	4,800
5th Grade Classrooms	7	800	5,600
6th Grade Classrooms	7	800	5,600
MAG Classrooms (Grades1-4)	4	800	3,200

STEAM Room	1	800	800
Multi-Purpose Room	1	1,000	1,000
Math Intervention Classroom	1	800	800
Reading Intervention Classroom	1	950	950
Reading Storage Closet	1	100	100
Spanish Classrooms	2	800	1,600
ELL Room	1	500	500
Subtotal	57		53,300
Special Education and Student Support			
Spaces	Proposed Qty.	Proposed Room Area (SF)	Proposed Area Subtotal (SF)
Special Education Resource Rooms	7	450	3,150
Special Education Testing Office	1	150	150
Speech and Language Room	3	200	600
SEL Classroom	2	500	1,000
Life Skills Room	1	800	800
OT/PT Room	1	600	600
Sensory Room	1	400	400
School Psychologist Office	2	175	350
Social Worker Offices	2	175	350
Subtotal	20		7,400

Physical Education Programs			
Spaces	Proposed Qty.	Proposed Room Area (SF)	Proposed Area Subtotal (SF)
Gymnasium	1	5,500	5,500
Auxiliary Gymnasium	1	4,000	4,000
Existing Commons			-
Physical Education Office	2	100	200
PE Equipment Storage Room	2	300	600
Health Classroom	1	800	800
Health Fitness Center	1	600	600
Subtotal	8		11,700
Food Services			
Spaces	Proposed Qty.	Proposed Room Area (SF)	Proposed Area Subtotal (SF)
Student Dining Area	1	4,500	4,500
Staff Dining Lounge includes lactation room	1	500	500
Kitchen	1	1,800	1,800
Servery	1	Included	
Preparation Area	1	Included	
Cold Storage	1	Included	
Dry Storage	1	Included	
Dishwashing Room	1	Included	
Food Services Office	1	Included	
Staff Toilet Room	1	Included	
Subtotal	10		6,800

Arts and Music Programs			
Spaces	Proposed Qty.	Proposed Room Area (SF)	Proposed Area Subtotal (SF)
Band Room	1	1,000	1,000
Chorus Room	2	800	1,600
Music Storage	2	150	300
Art Room	2	1,000	2,000
Kiln Room	1	200	200
Art Storage	2	150	300
Subtotal	9		5,400
Library / Media Center			
Spaces	Proposed Qty.	Proposed Room Area (SF)	Proposed Area Subtotal (SF)
Media center/Stacks/Circulation	1	2,000	2,000
Library/Media Specialist Office	1	150	150
Workroom / Storage	1	200	200
IT-Specialist - Work Room/ Chrome Book Repair	1	300	300
Innovation Maker Space	1	500	500
Tech Classroom	1	500	500
Flex classrooms	1	500	500
Green Room (Included above)			
Subtotal	7		4,150

Administrative & Support Spaces			
Spaces	Proposed Qty.	Proposed Room Area (SF)	Proposed Area Subtotal (SF)
Main Office: Reception, Secretarial Area, Storage	1	1,000	1,000
Principal's Office	1	200	200
Assistant Principal's Office	2	150	300
Director of Special Services Office	1	150	150
Conference Room	2	250	500
Health Suite	1	800	800
Security Office	1	150	150
Staff Workroom	1	500	500
Subtotal	10		3,600
Central Office Spaces Separate from BRS - Not included in Ideal Area			
Spaces	Proposed Qty.	Proposed Room Area (SF)	Proposed Area Subtotal (SF)
Central Office: Reception, Secretarial Area, Storage	1	1,000	1,000
Superintendent's Office	1	400	400
Director of Business and Operations	1	250	250
District Conference Room	1	300	300
Director of Food Services	1	200	200
Accounts Payable Office; Payroll Office	2	150	300
Director of Security Office	1	250	250
Circulation	1	444	444
Subtotal	8		3,144

Building Services and Core Area			
Spaces	Proposed Qty.	Proposed Room Area (SF)	Proposed Area Subtotal (SF)
Facilities Office	1	100	100
General Building Storage	2	800	1,600
Men's Public Toilet Room	2	150	300
Women's Public Toilet Room	2	150	300
Boy's Toilet Rooms	6	200	1,200
Girl's Toilet Rooms	6	200	1,200
Staff Toilet Rooms	6	75	450
All Inclusive Toilet Room	4	75	300
Custodial Office	1	200	200
Custodial Closets	5	40	200
Mechanical & Water Service Room	1	600	600
Fire Sprinkler Room	1	300	300
Main Electrical Room	1	300	300
Electrical Closets	2	150	300
MDF Room	1	200	200
IDF Room	1	150	150
Deliveries and Receiving	1	300	300
Subtotal	43		8,000

Circulation Corridors, Stairs, Elevator & Interior Walls			
Spaces	Proposed Qty.	Proposed Room Area (SF)	Proposed Area Subtotal (SF)
Circulation (Corridors, Stairs, Elevator)		0.235	23,582
Interior Partitions & Chases		0.070	7,011
Subtotal			30,594
Total Building Area			
Total Program Areas (SF)		92,350	
Total Building Services and Core Area (SF)		8,000	
Total Circulation (SF)		30,594	
	Grand Total	130,944	

MINUTES OF THE WBOE POLICY COMMITTEE
Superintendent's Conference Room
March 2, 2026

CALL TO ORDER: Ms. Williamson called the meeting to order at 4:10 PM.

IN ATTENDANCE: Erin Williamson, Chair (in person); Lynn Piascyk (in person), Megan Conaster (in person), Board of Education Members; Mary Vincitorio, WEA and Christopher Montini, Superintendent.

PUBLIC COMMENT: None

The Committee reviewed the following policies:

- ◆ 1000 - Concept and Roles in Community Relations – delete our policy entirely and use CABE sample policy. Submit for 30-day review.
- ◆ 1100 - School/Community Relations – delete our policy entirely and use CABE sample policy. Submit for 30-day review.
- ◆ 1110 - Communications among the WBOE, Administration, Parents and Staff at BRS. Strike last paragraph as it is a duplication. Submit for 30-day review.
- ◆ 1110.1 - Parent Involvement delete our policy entirely and use CABE sample policy with modifications. In 1st paragraph, last sentence strike “*enhanced...*” and replace with *strong academic performance, behavior and attendance*. Delete 1st bullet. In 2nd bullet, strike “(*Such...*)”. In 7th bullet 1st sentence, delete “*the*”, add “*will be offered*” after “*conferences*” and delete everything following “*beginning*”. Delete 8th bullet. Add bullet *School personnel will be available to students, parents and others at mutually convenient times*. Delete all remaining language up to Legal References. Submit for 30-day review.
- ◆ 1111 - Use of Education Television Channel – change *his/her* to *their* and submit for 30-day review.
- ◆ 1112 - News Media Relationships (Public Press, Radio & TV) – delete our policy entirely and use CABE sample policy with modifications. Add 2nd paragraph “*The Superintendent shall serve as the basic source of information regarding the school system*”. Delete paragraphs 7, 8 and 9. Add 7 paragraph “*Individual interviews of students, photographs, videography or articles referring to students will not be permitted without the prior written approval of the student’s parent or guardian.*” Submit for 30-day review.
- ◆ 1120 - Public Participation at WBOE Meetings – no changes and submit for 30-day review.
- ◆ 1210 - School/Community Associations – no changes and submit for 30-day review.
- ◆ 1212 - School Volunteers and Student Interns – delete paragraph 5, add “*or designee*” after *Principal* in paragraph 6. Submit for 30-day review.
- ◆ 1220 - Citizens' Advisory Committees – replace first paragraph with *In order to maximize community input, the Board recognizes the need for appropriate ad hoc citizens advisory committees. The Board will consider the recommendations of these committees when making decisions*. Delete last paragraph. Submit for 30-day review.
- ◆ 1250 - Visits to Schools – replace (.) in #5 with (;) and add #6 *Ensure student safety*. Submit for 30-day review.
- ◆ 1251 - Loitering or Causing Disturbances – 1st sentence change “*he/she*” to “*they*” delete “*s*” from *loiters* and *remains*. After “*grounds*” in 2nd sentence add “*including but not limited to playgrounds, fields and walking paths when closed to the public and/or when in use by the school or on school days from 7:30 AM – 6:00 PM, and/or when*”. Submit for 30-day review.
- ◆ 1311.1 - Political Activities of School Employees - no changes. Submit for 30-day review.

PUBLIC COMMENT: None

Meeting Adjourned: 5:20 PM



STATE OF CONNECTICUT
DEPARTMENT OF EDUCATION



TO: Sponsors of the National School Lunch Program

FROM: Shannon K. Yearwood, Bureau Chief *Shannon K. Yearwood*
Bureau of Child Nutrition Programs

DATE: January 30, 2026

SUBJECT: Operational Memorandum No. 03-26
Requirements for Submitting the Healthy Food Certification (HFC) Statement
for School Year 2026-27

The Healthy Food Certification (HFC) statute ([C.G.S. Section 10-215f](#)) requires that every year, local boards of education or governing authorities (BOE) for public schools participating in the National School Lunch Program (NSLP) must determine and certify whether all food items sold to students separately from reimbursable meals will or will not meet the [Connecticut Nutrition Standards](#) (CNS). These standards also apply to all foods offered in reimbursable snacks for the Afterschool Snack Program (ASP).

“Public schools” include all public schools, regional educational service centers, the Connecticut Technical Education and Career System (CTECS), charter schools, interdistrict magnet schools, and endowed academies.

This memo provides the required BOE motion language and step-by-step instructions for submitting the HFC application for school year (SY) 2026-27. Please review this Operational Memorandum carefully to ensure accurate and timely submission of the HFC Statement.

HFC Eligibility Requirements for BOEs opting to implement HFC

To be eligible for HFC during SY 2026-27 (July 1, 2026, through June 30, 2027), the BOE must conduct the HFC votes by **July 1, 2026**. All votes must use the **exact motion language** provided in attachment 1.

All BOEs **must** vote on whether to participate in the healthy food option of HFC.

- If the BOE votes “yes” to the healthy food option, a vote on whether to allow food exemptions is **required**. The BOE may choose to vote on whether to allow beverage exemptions.
- If the BOE votes “no” to the healthy food option, a vote on whether to allow food exemptions is **not** required. The BOE may choose to vote on whether to allow beverage exemptions.

Beverage exemptions are defined by a separate statute (C.G.S. Section 10-221q) and are not part of the annual HFC Statement. If the BOE does not vote to allow beverage exemptions, only [allowable beverages](#) can be sold to students on school premises at all times.

Refer to attachment 1 for the required motion language and a summary chart of the required votes.

HFC Application Process for SY 2026-27

All public school sponsors of the NSLP must complete the steps below to meet the HFC application deadline of **July 1, 2026**, for school year 2026-27.

1. Schedule the required HFC votes at a BOE meeting **well before** July 1, 2026, to allow sufficient time for the BOE to approve the **draft** minutes before they are submitted to the CSDE. The HFC Statement must include the **final** BOE-approved minutes. If the district chooses to allow beverage exemptions, the CSDE recommends that the BOE conducts the vote on beverage exemptions at the same time as the HFC votes.
2. Conduct the BOE votes and prepare the BOE minutes. The final BOE-approved minutes must: 1) include the required language in attachment 1; and 2) indicate the results of each vote. Do not submit the final BOE-approved minutes until requested by the CSDE (refer to step 3).
3. **May 2026:** Complete the online HFC application module in the CSDE's Connecticut Online Application and Claiming System for Child Nutrition Programs (CNP System). Upload the final BOE-approved minutes indicating the results of the HFC votes. The CSDE will notify sponsors when the HFC application module and instructions are available.

For more information, visit the "[Annual HFC Application](#)" section of the CSDE's HFC webpage. Training on the HFC application process is available in the CSDE's video, [Completing the Application Process for Healthy Food Certification](#).

For HFC compliance resources, visit the "[Guidance and Resources](#)" section of the CSDE's HFC webpage. Training on the HFC requirements is available in the CSDE's training program, [Complying with Healthy Food Certification](#).

For questions or additional information, please contact Susan Fiore at 860-807-2075 or susan.fiore@ct.gov or Teri Dandeneau at 860-807-2079 or teri.dandeneau@ct.gov.

SKY:sff

Attachments: (1)

Important: This is a numbered Connecticut State Department of Education (CSDE) operational memorandum that contains important program information. Please read carefully and retain for future reference. All CSDE operational memoranda are posted on the CSDE's [Operational Memoranda for School Nutrition Programs](#) webpage.

Attachment 1

Required Motion Language for the Healthy Food Certification (HFC) Statement

School Year 2026-27

This attachment accompanies the Connecticut State Department of Education's (CSDE) Operational Memorandum No. 03-26: *Requirements for Submitting the Healthy Food Certification (HFC) Statement for School Year 2026-27* and provides the required motion language for:

- the board of education or governing authority's (BOE) votes; and
- the final BOE-approved minutes.

The HFC Statement and final BOE minutes are due to the CSDE by July 1, 2026.

Use the **exact motion language** on pages 2-3 to conduct the required HFC votes and the optional vote for beverage exemptions (if applicable).

Summary of BOE Votes

Step 1: HFC Participation

All BOEs of public schools that participate in the National School Lunch Program (NSLP) must use the language in this attachment to conduct the required vote on participation in the healthy food option of HFC.

Step 2: Food and Beverage Exemptions

Conduct the votes on food and beverage exemptions using the required language in this attachment.

- If BOE votes "yes" to HFC, complete either one of the two requirements below.
 1. Conduct the required vote for food exemptions and the optional vote for beverage exemptions using the required language in this attachment.
 2. Conduct one vote for combined food and beverage exemptions using the required language in this attachment.
- If BOE votes "no" to HFC, conduct the optional vote for beverage exemptions using the required language in this attachment.

Required Motion Language for the Healthy Food Certification (HFC) Statement

Required Language for BOE Votes and Minutes for HFC

The required motion language for each BOE vote is below. All BOEs must use this exact language for each vote to be eligible for participation in HFC.

Vote 1: Required vote for participation in healthy food option of HFC

Pursuant to C.G.S. Section 10-215f, the *(insert name of board of education or governing authority)* certifies that all food items offered for sale to students in the schools under its jurisdiction, and not exempted from the Connecticut Nutrition Standards published by the Connecticut State Department of Education, will comply with the Connecticut Nutrition Standards during the period of July 1, 2026, through June 30, 2027. This certification shall include all food offered for sale to students separately from reimbursable meals at all times and from all sources, including but not limited to school stores, vending machines, school cafeterias, culinary programs, and any fundraising activities on school premises sponsored by the school or non-school organizations and groups.

Vote 2: Required vote for food exemptions for BOEs voting “yes” to the healthy food option of HFC

The motion and BOE-approved meeting minutes must reflect a “yes” or “no” vote to allow food exemptions.

The *(insert name of board of education or governing authority)* will allow the sale to students of food items that do not meet the Connecticut Nutrition Standards provided that the following conditions are met: 1) the sale is in connection with an event occurring after the end of the regular school day or on the weekend; 2) the sale is at the location of the event; and 3) the food items are not sold from a vending machine or school store. An “event” is an occurrence that involves more than just a regularly scheduled practice, meeting, or extracurricular activity. For example, soccer games, school plays, and interscholastic debates are events but soccer practices, play rehearsals, and debate team meetings are not. The “regular school day” is the period from midnight before to 30 minutes after the end of the official school day. “Location” means where the event is being held and must be the same place as the food sales.

Note: If the BOE votes “no” to participation in the healthy food option, a vote on whether to allow food exemptions is **not** required.

Required Motion Language for the Healthy Food Certification (HFC) Statement

Required Language for BOE Vote and Minutes on Beverages

The state beverage requirements (C.G.S. Section 10-221q) apply to all public schools, regardless of whether the district participates in the NSLP or certifies for the healthy food option of HFC.

Vote 3: Optional vote for beverage exemptions for all BOEs

The (*insert name of board of education or governing authority*) will allow the sale to students of beverages not listed in Section 10-221q of the Connecticut General Statutes provided that the following conditions are met: 1) the sale is in connection with an event occurring after the end of the regular school day or on the weekend; 2) the sale is at the location of the event; and 3) the beverages are not sold from a vending machine or school store. An “event” is an occurrence that involves more than just a regularly scheduled practice, meeting, or extracurricular activity. The “school day” is the period from midnight before to 30 minutes after the end of the official school day. “Location” means where the event is being held and must be the same place as the beverage sales.

Required Language for Option to Combine Food and Beverage Exemptions

BOEs that vote “yes” to participate in the healthy food option may choose to combine the two separate food and beverage exemptions into one motion. This combined option replaces votes 2 and 3 above.

Required motion language for combined food and beverage exemptions:

The (*insert name of board of education or governing authority*) will allow the sale to students of food items that do not meet the Connecticut Nutrition Standards and beverages not listed in Section 10-221q of the Connecticut General Statutes provided that the following conditions are met: 1) the sale is in connection with an event occurring after the end of the regular school day or on the weekend; 2) the sale is at the location of the event; and 3) the food and beverage items are not sold from a vending machine or school store. An “event” is an occurrence that involves more than just a regularly scheduled practice, meeting, or extracurricular activity. For example, soccer games, school plays, and interscholastic debates are events but soccer practices, play rehearsals, and debate team meetings are not. The “regular school day” is the period from midnight before to 30 minutes after the end of the official school day. “Location” means where the event is being held and must be the same place as the food and beverage sales.