

DESIGN-BUILD ENERGY SERVICES AGREEMENT

THIS DESIGN-BUILD ENERGY SERVICES AGREEMENT (this “Agreement”) is made and effective _____ (the “Effective Date”), by and between **Cambrian School District** (“Owner”), with an address at 4115 Jacksol Drive, San Jose, CA 95124, and **CENTRICA BUSINESS SOLUTIONS SERVICES, INC.**(“Centrica Business Solutions”), with an address at 3 Rosell Drive, Ballston Lake, New York 12019. Owner and Centrica Business Solutions Services, Inc. are sometimes referred to herein, individually, as a “Party”, and, collectively, as the “Parties”.

RECITALS

- A. Owner is a School District incorporated under the laws of the State of California, and is a Public Agency within the meaning of the California Government Code 4217.10 et seq. (“4217 Code”)
- B. Owner owns and operates certain facilities described on the attached Schedule 1 (the “Facilities”), and desires to procure long-term energy and water cost savings and reduce related expenses in the operation of such Facilities.
- C. Centrica Business Solutions is a New York business corporation and is duly authorized to do business in the State of California, and is a Qualified Provider within the meaning of the 4217 Code, engaged in the business of and having experience and capabilities in providing energy efficiency services, including Energy Conservation Measures (“ECMs”), as defined in the 4217 Code.
- D. Pursuant to Centrica Business Solutions' Proposal, Centrica Business Solutions conducted an investment grade audit and delivered to Owner a detailed engineering and economic proposal (the “IGA Proposal”) that specifically identifies the ECMs that are recommended to be installed and/or implemented at the Facilities.
- E. The Owner Governing Board has determined, in its lawful discretion, prior to approval or ratification of this Agreement, that this Agreement meets all criteria required pursuant to California Government Code 4217.10 et seq.
- F. Pursuant to the IGA Proposal, Owner now desires to enter into this Agreement with Centrica Business Solutions as a Design-Build Energy Services Agreement for the installation and implementation of the ECMs at the Facilities (the “Project”).

NOW, THEREFORE, the Parties agree as follows:

ARTICLE I
PRELIMINARY MATTERS

1.1 INCORPORATION. The Recitals set forth above are hereby incorporated into the body of this Agreement and made a binding part hereof.

1.2 THE IGA PROPOSAL. The IGA Proposal is attached hereto as Exhibit A. Owner acknowledges that it has approved and accepted the IGA Proposal, which identifies all ECMs to be performed under this Agreement.

1.3 CONTRACT DOCUMENTS. The entire agreement of the Parties with respect to the Project is contained in the “Contract Documents”, which consist of: 1) this Agreement ii) any Change Orders or other amendments to this Agreement, and iii) the following Exhibits and Schedules:

- Exhibit A: The IGA Proposal
- Exhibit B; Certificate of Substantial Completion

- Schedule 1: Facilities
- Schedule 2: Scope of ECM Work
- Schedule 3: ECM Work Schedule
- Schedule4: ECM Work Schedule of Values
- Schedule 5: Lighting Line-by-Line
- Schedule 6: Irrigation Detailed SOW
- Schedule 7: Plumbing Detailed SOW

The provisions of this Agreement shall control in the event of any conflict between its terms and those contained in any of the Exhibits or Schedules

ARTICLE II
SCOPE AND TERM

2.1 SCOPE OF THE PROJECT. The Project shall consist of the “Construction & Installation of ECM’s”, in which the Equipment (as hereinafter defined) will be designed, constructed and/or installed into the Facilities and the ECMs shall be otherwise implemented (the “ECM Work”). The full scope of the ECM Work are set forth and detailed, respectively, on the “Scope of ECM Work” attached as Schedule 2. Centrica Business Solutions shall be responsible for the professional and technical accuracy of the ECM Work, whether performed by Centrica Business Solutions or by subcontractors or others on its behalf.

2.2 TERM. The term of this Agreement (the “Term”) shall commence on the Effective Date, and, unless sooner terminated in accordance with the terms hereof, shall continue for a period of two (2) years, but subject to the termination rights provided in Sections 7.2.1.

ARTICLE III

THE ECM WORK

3.1 CONSTRUCTION AND INSTALLATION OF THE ECM WORK. Subject to the other provisions of this Agreement, Centrica Business Solutions will act as a turn-key design-builder assuming total responsibility for the design, procurement of labor and materials for the improvements to the Facilities, and the installation and start-up of the energy efficiency equipment (the “Equipment”), as set forth in and in accordance with the Scope of ECM Work.

3.1.1 CONSTRUCTION SCHEDULE. The Construction and Installation Phase will commence upon either the issuance by Owner of a written notice to proceed or the written agreement of the Parties fixing such commencement date. The performance of the ECM Work shall be carried out and proceed in accordance with the preliminary schedule (the “ECM Work Schedule”) attached as Schedule 3. The ECM Work Schedule may be amended from time to time by the Parties due to changes in the ECM Work or other events affecting the completion of the ECM Work.

3.1.2 STATUTORY COMPLIANCE. In the performance of the ECM Work, including the installation of the Equipment, Centrica Business Solutions shall, and shall require all of its contractors, subcontractors, and all subcontractors under them to, as applicable, comply with the requirements of all applicable statutes and regulations. Without limiting the foregoing, Centrica Business Solutions shall otherwise give all notices and comply with all laws and ordinances legally enacted at the date of execution of the Agreement that govern the proper performance of the ECM Work.

3.1.3 CALIFORNIA CONTRACTORS’ LICENSE. At all times during performance of Construction Services, Contractor shall be duly licensed and in good standing by the California Contractors State License Board under License #947569.

3.1.4 CONTRACTOR/SUBCONTRACTOR REGISTRATION. Pursuant to Labor Code Section 1771.1, “A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Labor Code Section 1725.5.” Contractor’s public works contractor registration number, issued by the Department of Industrial Relations is 1000002103.

3.1.5 PERMITS AND APPROVALS. Centrica Business Solutions shall be responsible for obtaining all necessary permits and approvals for the ECM Work, including the installation of the Equipment, and shall pay any and all permit fees. Owner shall use its best efforts to assist Centrica Business Solutions in obtaining all such necessary permits and approvals. The Equipment and the operation of the Equipment by Centrica Business Solutions shall conform to all federal, state and local code requirements in effect at the time of installation. Before Centrica Business Solutions commences any portion of the ECM Work that requires a permit or license, Centrica Business Solutions shall furnish copies of each such permit or license to Owner.

3.1.6 PERFORMANCE. Owner and Centrica Business Solutions shall coordinate the activities associated with the installation of the Equipment by Centrica Business Solutions with any ECM Work or installations of Owner, its employees and agents. Centrica Business Solutions shall not commit or permit any act that will materially interfere with the performance of business activities conducted by Owner or its employees without the prior written approval of Owner, which shall not be unreasonably withheld, and provided that the ECM Work Schedule shall be modified if Owner requires Centrica Business Solutions to delay or re-sequence the ECM Work in order to accommodate Owner's operations. Centrica Business Solutions shall perform all of the ECM Work in such a manner so as not to harm the structural integrity of the Facilities or their operating systems. Centrica Business Solutions shall repair and restore to its original condition any area of damage caused by Centrica Business Solutions' performance under this Agreement. Owner reserves the right to review the ECM Work and to direct Centrica Business Solutions to take corrective action if, in the reasonable opinion of Owner, the structural integrity of the Facilities or its systems is or will be harmed. All costs associated with such corrective action to damage caused by Centrica Business Solutions' performance of the ECM Work shall be borne by Centrica Business Solutions. In addition, Centrica Business Solutions shall be responsible for the professional and technical accuracy of all ECM Work performed, whether by its own forces or by its subcontractors or others on its behalf. Centrica Business Solutions is responsible for general broom cleaning, and shall, to the fullest extent practicable, at all times keep the Facilities clean and free of debris, rubbish and dust. At the completion of the ECM Work, Centrica Business Solutions shall remove from the worksite all construction equipment, tools, surplus materials, waste materials and debris.

3.2 DESIGN AND CONSTRUCTION DOCUMENTS. Drawings, specifications, and other documents, including those in electronic form, furnished or utilized by Centrica Business Solutions are instruments of service (the "Instruments of Service"). Centrica Business Solutions shall retain all common law, statutory and other reserved rights, including copyrights in the Instruments of Service. Drawings, specifications, and other documents and materials and electronic data are furnished for use solely with respect to the Project.

3.2.1 Centrica Business Solutions grants to Owner a non-exclusive license to reproduce and use the Instruments of Service solely in connection with the Project, provided that Owner shall comply with all obligations, including prompt payment of sums when due. Owner shall not assign or transfer any license herein to another party without prior written agreement of Centrica Business Solutions. Any unauthorized reproduction or use of the Instruments of Service by Owner or others shall be at Owner's sole risk and expense without liability to Centrica Business Solutions, and its design professionals. Termination of this Agreement due to the default of Owner shall terminate this license. If this Agreement is terminated for any reason other than the default of Owner, Owner shall have a non-exclusive license to use the Instruments of Service for the completion, use and maintenance of the Project. Submission or distribution of Centrica Business Solutions' documents to meet official regulatory requirements or for similar purposes in connection with the Project is not to be construed as publication in derogation of the rights reserved here.

3.2.2 Centrica Business Solutions shall pay all royalties and license fees that may be due on the inclusion of any patented or copyrighted materials, methods or systems selected by Centrica Business Solutions and incorporated in the ECM Work. Centrica Business Solutions shall defend, indemnify and hold Owner harmless from all suits or claims for infringement of any patent rights or copyrights arising out of such selection. Owner agrees to defend, indemnify and hold Centrica Business Solutions harmless from all suits or claims of infringement of any patent rights or copyrights arising out of any patented or copyrighted materials, methods or systems specified by Owner.

3.3 WARRANTIES.

3.3.1 Centrica Business Solutions warrants that all materials and equipment furnished under the Construction and Installation Phase of this Agreement will be new unless otherwise specified, of good quality, in conformance with the Scope of ECM Work and all documents associated therewith, and free from defective workmanship and materials. Warranties with respect to the ECM Work, or applicable portion of the ECM Work, as the case may be, shall commence on the date of Substantial Completion thereof (as hereinafter defined). Centrica Business Solutions agrees to correct all ECM Work that is defective in workmanship or materials within a period of one (1) year from the date of Substantial Completion, or such longer periods of time as may be set forth with respect to specific warranties required hereunder.

3.3.2 Centrica Business Solutions shall collect, deliver, and, to the extent permissible, assign all manufacturers' warranties and Equipment manuals to Owner. There are no warranties that extend beyond the description on the face of any such warranty.

3.3.3 EXCEPT AS SET FORTH IN SECTIONS 3.3.1 AND 3.3.2, ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. In addition, the warranties under this Section 3.3 shall be void and do not extend to any ECM Work that has been abused, altered, or misused, or that has been repaired by Owner or third parties without the supervisions or prior written approval of Centrica Business Solutions

3.4 SAFETY OF PERSONS AND PROPERTY. Centrica Business Solutions shall endeavor to avoid injury, loss or damage to persons or property by taking reasonable steps to protect: a) its employees and other persons at the worksite, and b) and materials, supplies and equipment stored at the worksite for use in performance of the ECM Work. Centrica Business Solutions shall also oversee the safety precautions and programs of its subcontractors and suppliers at the worksite. Centrica Business Solutions' safety program shall include all actions and programs necessary for compliance with California or federally statutorily mandated workplace safety programs, including without limitation, compliance with the California Drug Free Workplace Act of 1990 (California Government Code 8350 et seq.).

3.5 HAZARDOUS MATERIALS.

3.5.1 A “Hazardous Material” is any substance or material identified now or in the future as hazardous under any federal, state or local law or regulation, or any other substance or material that may be considered hazardous or otherwise subject to statutory or regulatory requirements governing handling, disposal and/or clean-up. Centrica Business Solutions shall not be obligated to commence or continue the ECM Work until all Hazardous material discovered at the Project site has been removed, rendered or determined to be harmless by Owner as certified by an independent testing laboratory approved by the appropriate government agency.

3.5.2 If after the commencement of the ECM Work, Hazardous Material is discovered at the Project site, Centrica Business Solutions shall be entitled to immediately stop ECM Work in the affected area. Centrica Business Solutions shall report the condition to Owner and, if required, the government agency with jurisdiction. Owner shall be responsible for retaining any independent testing laboratory to determine the nature of the materials encountered and whether it is a Hazardous Material requiring corrective measures and/or remedial action. Such measures shall be the sole responsibility of Owner, and shall be performed in a manner minimizing any adverse effects upon the ECM Work. Centrica Business Solutions shall resume ECM Work in the area affected by any Hazardous Material only upon written agreement between the Parties after the Hazardous Material has been removed or rendered harmless and only after approval, if necessary, of the governmental agency or agencies with jurisdiction.

3.5.3 Centrica Business Solutions shall not be required to perform any ECM Work relating to or in the area of Hazardous Material without written mutual agreement.

3.5.4 If Centrica Business Solutions incurs additional costs and/or is delayed due to the presence or remediation of Hazardous Material, Centrica Business Solutions shall be entitled to an equitable adjustment in compensation and/or the ECM Work Schedule.

3.5.5 To the extent not caused by the negligent acts or omissions of Centrica Business Solutions, or its subcontractors or suppliers, and their agents, officers, and employees of each of them, Owner shall defend, indemnify and hold harmless Centrica Business Solutions, its subcontractors, suppliers, and their agents, officers and employees, from and against any and all claims, damages, penalties, losses, expenses, and other liabilities, including attorney’s fees, arising out of or relating to the performance of the ECM Work in any area affected by Hazardous Material.

3.5.6 During the performance of the ECM Work, Centrica Business Solutions shall be responsible for the proper handling of all materials brought by it to the worksite.

3.5.7 The terms of this Section 3.5 shall survive the completion of the ECM Work and the termination of this Agreement.

3.6 SYSTEMS START-UP AND TRAINING.

3.6.1 Upon Substantial Completion of the ECM Work, with the assistance of Owner's personnel, Centrica Business Solutions shall direct the checkout of Equipment and start-up operations, and adjusting and balancing of Equipment and for readiness. Centrica Business Solutions shall also secure required certificates of inspection, testing or approval and deliver them to Owner.

3.6.2 Centrica Business Solutions shall conduct training specific to the lighting and irrigation controls for facility team and teaching faculty.

3.7 SUBSTANTIAL COMPLETION/FINAL COMPLETION

3.7.1 "Substantial Completion" means that stage in the progress of the ECM Work when the ECM Work, or designated portion thereof, is sufficiently complete in accordance with this Agreement so that Owner can use or occupy the Facilities and utilize the ECM Work or designated portion thereof for its intended use. Upon Substantial Completion, the Parties shall execute a Certificate of Substantial Completion fixing the date of Substantial Completion and listing all unfinished items of ECM Work, in substantially the form attached hereto as Exhibit B.

3.7.2 "Final Completion" means the point when all of the ECM Work is fully and finally complete in accordance with the requirements of this Agreement, and Owner has accepted the ECM Work, which acceptance shall not be unreasonably delayed or conditioned by Owner

ARTICLE IV **OWNER'S RESPONSIBILITIES**

4.1 GENERAL RESPONSIBILITIES.

4.1.1 Upon request of Centrica Business Solutions, Owner shall provide all available information in a timely manner regarding requirements for the Project, including all existing reports or studies regarding the physical characteristics of the site (such as surveys, site evaluations and existing conditions reports), legal descriptions, plans and drawings, building controls, systems, apparatus, equipment and machinery.

4.1.2 Owner shall promptly notify Centrica Business Solutions of all known unusual or materially change operating conditions that affect any Facilities, or any condition that may affect the ECM Work.

4.1.3 Owner shall appoint an authorized representative to facilitate Centrica Business Solutions' performance of the ECM Work. The representative shall:

- a) be fully acquainted with the ECM Work;
- b) shall have authority to bind Owner in all matters requiring Owner's approval,

authorization or written notice. If Owner changes its representative or the representative's authority as listed above, Owner shall notify Centrica Business Solutions in advance.

4.2 RESPONSIBILITIES DURING CONSTRUCTION & INSTALLATION PHASE.

4.2.1 Owner shall review the ECM Work Schedule as set forth in Section 3.1.1, timely approve any milestone dates set forth, and timely respond to its obligations thereunder.

4.2.2 Owner shall provide sufficient space at the site for the performance of the EPC Work. Owner shall provide access to the site and Facilities for Centrica Business Solutions to perform any function related to this Agreement during regular business hours, and at such other reasonable times as may be requested by Centrica Business Solutions. Owner shall not unreasonably restrict Centrica Business Solutions' access to the site or Facilities to make emergency repairs or corrections as Centrica Business Solutions may determine are needed.

4.2.3 Owner shall provide inspection and testing services during construction as required by law or as mutually agreed.

4.2.4 Contractor shall have no responsibility for compliance with the California Environmental Quality Act, other than as may be expressly included in the Scope of Work in order to comply with mitigation measures designated by Owner.

4.2.5 Contractor and the Owner acknowledge that under California Government Code 4215, the Owner assumes the responsibility for the timely removal, relocation, or protection of existing main or trunkline utility facilities located on the Site which are not identified in the Drawings, Specifications or other Contract Documents. Prior to commencing any underground work on this Project, Contractor shall: take all reasonable steps to confirm the location of such utility facilities sufficient to assure itself that no conditions exist at or about the Site which would require revision to the Scope of Work, Contract Price, dates for Substantial or Final Completion, or any other material provision of this Agreement; and, contact Underground Service Alert of Northern California ("USA") and arrange to have the project area marked by USA for underground utilities. In addition, Contractor shall review the Owner's as-built drawings, survey's and other site documents produced and/or made available to Contractor to locate and verify all underground utilities or other underground obstacles or site conditions. In the event that underground utilities or other underground obstacles or site conditions are discovered by Contractor that were not reflected in the results of the USA underground service inspection or in the Owner's as-built drawings, survey's and other site documents produced to Contractor, such matters shall be deemed unforeseen circumstances and Contractor shall be entitled to a reasonable extension of time and a reasonable increase in the Contract Price based upon the time and increased costs and expenses incurred by Contractor as a result of such inaccuracies. Contractor and the Owner agree that the provisions of California Government Code 4215 requiring that the utilities be identified in the invitation for bids shall not apply to this Agreement insofar as Contractor has the responsibility for design of the Project as well as construction of the Project. Rather, Contractor and the Owner agree

that the scope of Contractor's responsibilities relating to design of the Project includes review of Owner-provided existing condition information and interface with Underground Service Alert.

4.2.6 If Owner becomes aware of any error, omission or failure to meet the requirements of this Agreement or any fault or defect in the ECM Work, Owner shall give prompt written notice to Centrica Business Solutions

ARTICLE V **COMPENSATION AND PAYMENT**

5.1 COMPENSATION FOR THE ECM WORK.

5.1.1 For the performance of the ECM Work, and all obligations in connection therewith under this Agreement, Owner agrees to pay Centrica Business Solutions Services, Inc. the following sum (the "ECM Work Price"): three million, eight hundred thirty thousand, seven hundred and eight dollars (**\$3,830,708**). A detailed "ECM Work Schedule of Values", setting forth the breakdown of the total ECM Work Price, is attached hereto as Schedule4.

5.1.2 Based upon itemized applications for payment submitted to Owner by Centrica Business Solutions during the Construction and Installation Phase, Owner shall make payment to Centrica Business Solutions of the ECM Work Price as follows:

- a) The period covered by each application for payment shall be one calendar month ending on the last day of the month. Provided an application for payment is received by Owner not later than the 5th day of a month, Owner shall make payment pursuant to such application to Centrica Business Solutions not later than the 20th day of the same month. If an application for payment is received by Owner after the application date fixed above, payment shall be made by Owner not later than twenty (20) days after receipt of the application for payment.
- b) Each application for payment shall provide such detail and back-up information or data as Owner may reasonably require, and shall be based upon the ECM Work completed and materials stored on site and/or at locations approved by Owner in its reasonable discretion for the period ending on the last day of the applicable month. The ECM Work Schedule of Values shall be used in establishing percentages of completion in payment applications.
- c) Final payment, constituting the entire unpaid balance of the ECM Work Price, shall be made by Owner to Centrica Business Solutions within fifteen (15) days of the date of Final Completion.

- d) Payments due and unpaid shall bear interest from the date due at the legal rate prevailing from time to time at the place where the Project is located.

ARTICLE VI **CHANGES**

6.1 CHANGE ORDERS. Changes in the ECM Work that are within the general scope of this Agreement, and that are not minor changes in the ECM Work, shall be accomplished without invalidating this Agreement by a written instrument executed by both Parties in accordance with this Article VII (a “Change Order”). Centrica Business Solutions may request or Owner may order changes in the ECM Work within the general scope of this Agreement consisting of adjustment to the ECM Work Price, or the ECM Work Schedule. All such changes in the ECM Work shall be authorized by applicable Change Order.

6.1.1 Owner and Centrica Business Solutions shall negotiate in good faith an appropriate adjustment, as applicable, to the ECM Work Price and/or the ECM Work Schedule, and shall conclude these negotiations as expeditiously as possible. Acceptance of the Change Order and any adjustment in the ECM Work Price, and/or ECM Work Schedule shall not be unreasonably withheld. An increase or decrease in the ECM Work Price resulting from a change in the scope of the ECM Work shall be determined by one or more of the following methods:

- a) unit prices set forth in this Agreement or as subsequently agreed;
- b) a mutually accepted, itemized lump sum; or
- c) if an increase or decrease cannot be agreed upon as set forth in this Section 7.1, the adjustment in the ECM Work Price shall be determined by the reasonable expense and savings of the performance of the ECM Work resulting from the change. If there is a net increase in the ECM Work Price, then a reasonable adjustment shall be made for Centrica Business Solutions' overhead and profit. In the case of a net decrease in cost, the amount of the decrease in the ECM Work Price shall not include reduction for overhead and profit.

6.2 MINOR CHANGES IN THE ECM WORK. Centrica Business Solutions may make minor changes in the design and construction of the ECM Work consistent with the intent of this Agreement that do not involve an adjustment in the ECM Work Price or the ECM Work Schedule, so long as such changes do not materially and adversely affect the ECM Work, the quality of the materials or equipment specified herein, the performance of any materials, equipment or systems specified herein, or the quality of the workmanship required by this Agreement.

6.3 UNKNOWN CONDITIONS. If in the performance of the ECM Work Services Centrica Business Solutions finds latent, concealed or other conditions that materially differ from the conditions Centrica Business Solutions reasonably anticipated, or if the physical conditions are

different from those normally encountered and generally recognized as inherent in the kind of ECM Work provided for in this Agreement, then the ECM Work Price shall be equitably adjusted, and, as applicable, the ECM Work Schedule shall be appropriately modified, by a Change Order within a reasonable time after the conditions are first observed. Centrica Business Solutions shall provide Owner with written notice of its discovery of any of the foregoing conditions as soon as practicable after such discovery.

6.4 EMERGENCIES. In any emergency affecting the safety of persons or property, Centrica Business Solutions shall act, at its discretion, to prevent threatened damage, injury or loss. Any change in the ECM Work Price, or ECM Work Schedule on account of such emergency ECM Work shall be determined as provided in this Article VII.

6.5 CHANGES IN LAW. In the event any changes in laws or regulations affecting the performance of the ECM Work are enacted after the date of this Agreement, the ECM Work Price, and/or the ECM Work Schedule shall be equitably adjusted by Change Order.

6.6 MATERIAL CHANGES.

6.6.1 Definition. A “Material Change” is any change in or to the Facilities, whether structural, operational or otherwise in nature that reasonably can be expected, in the judgment of Owner and Centrica Business Solutions to decrease annual energy savings in accordance with the provisions and procedures set forth in the proposed energy savings after adjustments for climatic variations. Actions by Owner that may result in a Material Change include, but are not limited to the following;

- a) The manner of use of the Facilities by Owner;
- b) The hours of operation for the Facilities or for any Equipment or energy using systems operating at the Facilities;
- c) Permanent changes in the comfort and service parameters set forth in Scope of ECM Work (Schedule 2);
- d) Occupancy of the Facilities;
- e) The structure of the Facilities;
- f) The types and quantities of equipment used at the Facilities;
- g) The modification, renovation or construction at the Facilities (other than the ECM Work);
- h) Owners’ failure to provide maintenance of and repairs to the Equipment; or
- i) Any other conditions other than climate affecting energy use at the Facilities.

6.6.2 Reported Material Changes. Owner shall use best efforts to deliver to Centrica Business Solutions a written notice describing all actual or proposed Material Changes at least thirty (30) days prior to the implementation of such Material Change, or as soon as is practicable after an emergency or other unplanned event. After Centrica Business Solutions' review of the notice, the Parties shall meet as soon as practicable to agree upon adjustments to the proposed energy savings, which adjustments shall be set forth in a Change Order.

ARTICLE VII **TERMINATION**

7.1 TERMINATION BY OWNER FOR CAUSE. Upon thirty (30) days' advance written notice to Centrica Business Solutions, Owner may terminate this Agreement for Cause (as hereinafter defined) if after giving Centrica Business Solutions written notice of such Cause, Centrica Business Solutions fails to cure the same within thirty (30) days following receipt of such notice or, if such cure cannot reasonably be effected within thirty (30) days, such cure is undertaken within such time period and is thereafter continued diligently until completion.

7.1.1 For purposes of this Agreement, "Cause" shall mean the occurrence of any of the following:

- a) Any material failure on the part of Centrica Business Solutions to perform or comply with the terms and conditions of this Agreement; or
- b) The commencement by or on behalf of Centrica Business Solutions of any voluntary or involuntary case or matter relating to or associated with the U.S. Bankruptcy Code, or for liquidation, reorganization, or an arrangement pursuant to any other U.S. or state bankruptcy Laws, or Centrica Business Solutions being adjudicated a debtor or declared bankrupt or insolvent under the U.S. Bankruptcy Code, or any other U.S. Federal or state laws relating to bankruptcy, insolvency, winding-up, or adjustment of debts, or Centrica Business Solutions making a general assignment for the benefit of creditors, or admitting in writing its inability to pay its debts generally as they become due, and/or if a custodian, receiver, trustee or liquidator of Centrica Business Solutions, all or substantially all of the assets or business of Centrica Business Solutions or of Centrica Business Solutions' interest in this Agreement, is appointed in any proceeding.

7.1.2 If termination occurs during the Construction and Installation Phase, Owner shall be responsible for paying for all ECM Work performed by Centrica Business Solutions through the effective date of termination, and Owner may deduct from the amount due to Centrica Business Solutions the reasonable cost to Owner of any necessary remediation required with respect to the matters resulting in such termination. In the event that Centrica Business Solutions is terminated by Owner under this provision and it is later determined that such termination was improper, Centrica Business Solutions shall be entitled to the remedies set forth in Section 8.3 below.

7.2 TERMINATION BY CENTRICA BUSINESS SOLUTIONS SERVICES, INC.

7.2.1 Upon ten (10) days' advance written notice to Owner, Centrica Business Solutions may, in addition to any other rights or remedies, terminate this Agreement for any of the following reasons:

- a) If the ECM Work has been stopped for at least thirty-day period under court order or order of other governmental authorities having jurisdiction, or as a result of the declaration of a national emergency or other governmental act during which, through no fault of Centrica Business Solutions, materials, supplies, tools, and construction equipment and machinery for the ECM Work are not available;
- b) If Owner has failed to pay any compensation due to Centrica Business Solutions in accordance with this Agreement for a period of thirty (30) days or more;
- c) If the ECM Work has been suspended for any reason by Owner for a continuous period exceeding sixty (60) days;
- d) If Owner has materially hindered or delayed Centrica Business Solutions in the performance of any of its obligations, or Owner has otherwise has materially breached any covenant, agreement, warranty or representation set forth in this Agreement, and if after giving Owner written notice of thereof Owner fails to cure the same within thirty (30) days following receipt of such notice or, if such cure cannot reasonably be effected within thirty (30) days, such cure is undertaken within such time period and is thereafter continued diligently until completion.

7.2.2 Upon such termination, Centrica Business Solutions shall be entitled to recover from Owner as provided in Section 7.3.

Upon the payment of amounts due under this Section 7.2, neither Party shall have any further liability to the other except for those obligations expressly specified in this Agreement to survive its termination.

7.3 TERMINATION BY OWNER WITHOUT CAUSE.

7.3.1 If Owner terminates this Agreement other than pursuant to Section 7.1, Centrica Business Solutions shall be entitled to recover from Owner as follows:

- a) If termination occurs during the Construction and Installation Phase, Owner shall be responsible for paying for all ECM Work performed by Centrica Business Solutions through the effective date of termination;

- b) Owner shall pay for all demobilization costs incurred by Centrica Business Solutions, and purchase or rental costs incurred by Centrica Business Solutions, for any equipment acquired by the Centrica Business Solutions in connection with the ECM Work;

7.3.2 In addition to the foregoing, Owner shall further assume and become liable for obligations, commitments, and unsettled claims that Centrica Business Solutions has previously undertaken or incurred in good faith on behalf of Owner in connection with the Project hereof.

ARTICLE VIII **INDEMNIFICATION/INSURANCE/BONDING/WAIVERS**

8.1 INDEMNIFICATION.

8.1.1 Centrica Business Solutions shall indemnify and hold Owner and its employees harmless from and against all third party claims, losses, or damages arising from the performance of the ECM Work provided that the same are attributable to bodily injury, death and/or damage to property, but only to the extent caused by the negligent, reckless or wrongful acts or omissions acts or omissions of Centrica Business Solutions or anyone for whose acts Centrica Business Solutions is liable. In no event shall this indemnification apply to liability to the extent caused by the negligence or willful misconduct of the party to be indemnified or held harmless. This indemnification shall not be limited to damages, compensation or benefits payable under insurance policies, any worker's compensation act, or other employee benefit acts.

8.1.2 Owner shall indemnify and hold Centrica Business Solutions and its employees and subcontractors and agents harmless from and against all third party claims for bodily injury, death, and/or damage to property (excluding damage for which Owner assumes the risk of loss or damage to the ECM Work itself) that may arise in connection with the Project but only to the extent caused by the negligent, reckless or wrongful acts or omissions acts or omissions of Owner or anyone for whose acts Owner is liable. In no event shall this indemnification apply to liability to the extent caused by the negligence or willful misconduct of the party to be indemnified or held harmless. This indemnification shall not be limited to damages, compensation or benefits payable under insurance policies, any worker's compensation act, or other employee benefit acts.

8.2 CENTRICA BUSINESS SOLUTIONS SERVICES, INC.'S INSURANCE. At all times during the Term, Centrica Business Solutions shall provide and maintain the insurance set

forth in this Section 8.2. All insurers shall be authorized and licensed to provide insurance in the State of California, and shall be rated as A- or better by A.M. Best

8.2.1 Workers' Compensation. Centrica Business Solutions shall obtain and maintain Worker's Compensation insurance with statutory limits and Employers' Liability insurance in the amount of \$1,000,000.

8.2.2 Commercial General Liability. Centrica Business Solutions shall obtain and maintain Commercial General Liability Insurance written on an occurrence basis, with the following limits:

Each Occurrence Limit:	\$1,000,000
General Aggregate Limit:	\$2,000,000
Products/Completed Operations Aggregate Limit:	\$2,000,000
Personal and Advertising Injury Limit:	\$1,000,000
Medical Pay:	\$5,000

8.2.3 Automobile Liability. Centrica Business Solutions shall obtain and maintain Business Automobile Liability Insurance covering owned, non-owned, and hired automobiles, with the following limits:

Combined Single Limit Bodily Injury and Property Damage:	\$1,000,000 Each Occurrence
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8.2.4 Professional Liability. Centrica Business Solutions shall obtain and maintain professional liability or errors & omissions insurance for claims arising from the negligent performance of any professional Services under this Agreement, which shall be General Office Coverage, with the following limits:

Per claim:	\$1,000,000
Aggregate:	\$2,000,000

8.2.5 Excess Umbrella. All liability insurance may be arranged under a single policy for the full limits required or by a combination of primary, excess, and/or umbrella liability policies.

8.2.6 Policy Terms. Owner shall be named as an additional insured on all coverage obtained to the extent of the negligence of Centrica Business Solutions under all liability

policies except Professional Liability and Workers' Compensation, on a primary and non-contributory with respect to any liability coverage maintained by Owner. Centrica will not cancel coverage without at least thirty (30) days' prior written notice has been given to Owner. Upon request, a certificates of insurance showing such coverage will be provided to Owner.

8.3 OWNER'S INSURANCE.

8.3.1 Liability Insurance. Owner shall obtain and maintain its own liability insurance for protection against claims arising out of the performance of this Agreement.

8.3.2 Property Insurance.

- a) Owner shall obtain and maintain Builder's Risk or equivalent property insurance in a form reasonably acceptable to Centrica Business Solutions upon the entire Project, including the Equipment and the Facilities and all other existing structures in which any of the ECM Work is to be performed, as well as all Project structures that are fully or partially owned or occupied by Owner or its affiliates, for the full cost of replacement at the time of any loss. This insurance shall include as insureds Owner, Centrica Business Solutions, Centrica Business Solutions' subcontractors, and all other subcontractors and suppliers, as their interests may appear. This insurance shall insure against loss from the perils of fire and extended coverage, and shall include "all risk" coverage including at a minimum coverage for theft, vandalism, malicious mischief, inland transit, collapse, temporary buildings, debris removal, flood, earthquake, wind, testing, and damage resulting from defective design, workmanship, or material. Owner shall increase limits of coverage, if necessary, to reflect estimated replacement cost. Owner shall be responsible for all premiums and any co-insurance penalties, exclusions, sublimits, or deductibles.
- b) On or before the Substantial Completion Date, Owner shall procure and thereafter maintain at all times during the Term, at its sole cost and expense a policy or policies of property damage insurance on all fixtures and improvements and betterments to the Facilities, including the Equipment, against any peril generally included within the classification "all risks", including, but not limited to, risks covered by fire, extended coverage, vandalism and malicious mischief, in amounts at least equal to the full replacement cost thereof (without deduction for depreciation). Such coverage shall include boiler and machinery and equipment breakdown insurance. Centrica Business Solutions shall be included as an insured or loss payee on all such policies, as its interests may appear.

8.3.3 Policies. Upon Centrica Business Solutions' request, Owner shall provide Centrica Business Solutions with a copy of all policies including all endorsements thereto. Centrica

Business Solutions shall be given thirty (30) days' prior written notice of cancellation, non-renewal, or any endorsements restricting or reducing coverage.

8.3.4 Loss Adjustment. Any insured loss shall be adjusted with Owner and Centrica Business Solutions and made payable to Owner as trustee for the insureds, as their interests may appear, subject to any applicable mortgage clause.

8.4 WAIVER OF CLAIMS AND SUBROGATION.

8.4.1 Property Damage. Owner and Centrica Business Solutions waive all claims and other rights they may have against each other for loss of and/or damage to (i) the Project, including the Equipment and Facilities, (ii) all materials, machinery, equipment, and other items used in accomplishing the ECM Work and/or to be incorporated into the Project, while the same are in transit, at the Project site, during erection, and otherwise, and (c) all property owned by or in the custody of Owner and its affiliates, however such loss or damage shall occur, except the rights each Party has to the proceeds of such insurance held by Owner as trustee in accordance with Section 8.3.4.

8.4.2 Waiver of Subrogation. Owner and Centrica Business Solutions shall have their respective insurers waive all rights of subrogation they may have against one another for claims arising thereunder. If the policies of insurance referred to in this Article VIII require an endorsement to provide for continued coverage where there is a waiver of subrogation, the Parties will cause them to be so endorsed.

8.4.3 Damages Waiver. Owner and Centrica Business Solutions waive all claims against the other for all special, indirect, consequential, remote, punitive, exemplary, or similar damages that may arise out of or relate to this Agreement. This waiver includes, but is not limited to, Owner's loss of use of the Facilities, all rental expenses incurred, loss of services of employees, or loss of reputation, and Centrica Business Solutions' loss of business, loss of financing, principal office overhead and profits, loss of profits not related to this Project, or loss of reputation. The provisions of this Section 8.4.3 shall survive the termination of this Agreement.

8.4.4 Limitation of Liability. The Parties have discussed the risk and rewards associated with the ECP Work. The Parties agree that Centrica Business Solutions shall procure and maintain insurance policies with such coverages and amounts and for such periods of time as required by this Agreement. In light of the foregoing, Owner agrees that Centrica Business Solutions' liability under this Agreement, regardless of the form of action, shall in no event exceed the amount of the compensation actually received by Centrica Business Solutions pursuant to Section 5.1 of this Agreement. The provisions of this Section 8.4.4 shall survive the termination of this Agreement.

8.5 BONDING.

8.5.1 Performance and Payment Bonds are required of Centrica Business Solutions as a condition to the commencement and performance of the ECM Work. All Bonds must be

acceptable to Owner, and its reasonable discretion, and shall: i) be issued by good and sufficient sureties licensed in the State of California, ii) The Surety on any bond required under the Contract Documents shall be an Admitted Surety Insurer as that term is defined in California Code of Civil Procedure 995.120.

ARTICLE IX **CASUALTY AND CONDEMNATION**

9.1 CASUALTY.

9.1.1 After the Substantial Completion Date, Owner assumes and shall bear the risk of damage, loss, theft, or destruction, partial or complete, of the Equipment and the Facilities (a “Casualty Loss”), however arising, except to the extent that the same may be caused by the negligent or willful acts or omissions of Centrica Business Solutions that not covered by insurance to be procured pursuant to this Agreement. If Owner fails to repair or replace any Casualty Loss within a reasonable time, and in no event more than one hundred twenty (120) days from its occurrence (except to the extent that the same is the responsibility of Centrica Business Solutions in accordance with the foregoing), Centrica Business Solutions may, at its option: (i) terminate this Agreement by delivery of a written notice to Owner, and such termination shall be deemed a termination without Cause and will be subject to the provisions of Section 7.3 hereof, or (ii) require Owner to amend this Agreement in a manner that equitably accounts for the loss of such Equipment and/or Facilities.

9.1.2 In the event of a Casualty Loss caused by the negligent or willful acts or omissions of Centrica Business Solutions that is not covered by insurance to be procured pursuant to this Agreement, Owner may require Centrica Business Solutions to promptly repair or replace the damaged or destroyed Equipment and/or Facilities, and in the event of Centrica Business Solutions' failure to do so, Owner may, at its option: (i) repair or replace such items and recover the reasonable cost thereof from Centrica Business Solutions, or (ii) terminate this Agreement for Cause pursuant to Section 7.1 hereof.

9.2 CONDEMNATION.

9.2.1 In the event of the condemnation resulting in a taking of substantially all of the Facilities, this Agreement shall terminate upon the effective date of such taking, and such termination shall be deemed a termination without Cause in accordance with Section 7.3 hereof, provided, however, that the proceeds of such condemnation shall belong to Owner.

9.2.2 In the event of a condemnation resulting in a taking of less than substantially all of the Facilities, the Parties shall amend this Agreement in a manner that equitably accounts for such taking.

ARTICLE X **COMPLIANCE OBLIGATIONS**

10.1 STATUTORY AND REGULATORY COMPLIANCE. Centrica Business Solutions will comply with all applicable provisions of federal, state and local law when performing the ECM Work. Where required by law, all drawings, plans, reports, and other documents delivered to Owner as part of the ECM Work must bear the stamp or seal of architects or engineers licensed by the State of California.

10.2 FAILURE TO COMPLY. If Centrica Business Solutions performs and ECM Work knowing or having reason to know that such Work or Services are contrary to applicable laws, rules and/or regulations, Centrica Business Solutions shall be responsible for payment of all reasonable costs and expenses arising therefrom.

ARTICLE XI **GENERAL PROVISIONS**

11.1 NOTICE. All notices required under this Agreement shall be in writing and shall be given either by: (i) personal delivery; or (ii) a nationally-recognized overnight delivery service that provides proof of delivery and addressed to the other Party at such Party's address specified below. Such address may be changed by a Party giving notice thereof in accordance with this provision.

To Owner: Cambrian School District
4115 Jackson Drive
San Jose, CA 95124
Attn: John Pappalardo

To: Centrica Business Solutions Services, Inc.
3 Rosell Drive, Ballston Lake
New York 12019
Attn: Christopher Covell

11.2 INDEPENDENT CAPACITY. The Parties agree that Centrica Business Solutions is an independent contractor, and that Centrica Business Solutions and its employees and agents, shall act in an independent capacity in the performance of this Agreement, and shall not be construed as officers, employees, or agents of Owner. In addition, this Agreement shall not be construed as creating any partnership or joint venture between the Parties.

11.3 FORCE MAJEURE. If causes beyond a Party's reasonable control delay, impair or prevent the performance of any of such Party's obligations hereunder, expressly excepting, however, the payment of money, the time for such performance shall be extended for a reasonable period of time commensurate with the time and nature of the cause. Such causes shall include, but not be limited to: changes ordered in the ECM Work, acts or omissions of the other Party or others beyond the control of the Party whose performance is required, adverse weather conditions not reasonably anticipated, fire, unusual transportation delays, general labor disputes impacting the ECM Work, acts of governmental agencies, or unavoidable accidents or circumstances, Hazardous Materials or differing site conditions.

11.4 FURTHER DOCUMENTS. The Parties agree to execute and deliver all further documents and perform all further acts that may be reasonably necessary to effectuate the provisions of this Agreement.

11.5 GOVERNING LAW. This Agreement shall be governed by and interpreted in accordance with the laws of the State of California. The titles of the various Sections of this Agreement and elsewhere in the Contract Documents are used for convenience of reference only and are not intended to, and shall in no way, enlarge or diminish the rights or obligations of the Owner or Contractor and shall have no effect upon the construction or interpretation of the Contract Documents. The Contract Documents shall be construed as a whole in accordance with their fair meaning and not strictly for or against the Owner or Contractor.

11.6 SEVERABILITY. The partial or complete invalidity of any one or more provisions of this Agreement shall not affect the validity or continuing force and effect of any other provision.

11.7 NO WAIVER OF PERFORMANCE. The failure of either Party to insist, in any one or more instances, on the performance of any of the terms, covenants or conditions of this Agreement, or to exercise any of its rights hereunder, shall not be construed as a waiver or relinquishment of such term, covenant, condition or right with respect to further performance.

11.8 INTERPRETATION. The Parties agree that the following shall govern the interpretation of this Agreement:

11.8.1 Headings and captions are for convenience of reference only and shall not affect the construction or interpretation of this Agreement.

11.8.2 The grouping of the articles in this Agreement and of specifications under the various headings is solely for the purpose of convenient organization and in no event shall the grouping of provisions, the use of paragraphs or the use of headings be construed to limit or alter the meaning of any provisions.

11.8.3 The terms “herein,” “hereof” and “hereunder,” and words of similar import, refer to this Agreement as a whole and not to any particular Section, Subsection or Schedule or Exhibit.

11.8.4 The Parties have participated jointly in the negotiation and drafting of this Agreement, and no presumption or burden of proof shall arise favoring or disfavoring either Party by virtue of the authorship of any of the provisions hereof.

11.9 CENTRICA BUSINESS SOLUTIONS SERVICES, INC. PROPERTY. All property used by Centrica Business Solutions in connection with the ECM Work, including equipment, tools, drawings, designs, documentation, schematics, test equipment, software, and associated media remain the exclusive property of Centrica Business Solutions. Owner agrees not to use such property for any purpose at any time. Owner agrees to allow Centrica Business Solutions personnel to retrieve and to remove all such materials remaining after the ECM Work has been

completed or at the end of the Term. Owner acknowledges that any Centrica Business Solutions software included in the ECM Work is proprietary and will be delivered only after execution of and pursuant to a Centrica Business Solutions standard licensing agreement.

11.10 BINDING EFFECT. This Agreement and the Contract Documents shall inure to the benefit of, and be forever binding upon, the Parties and their respective successors, legal representatives and permitted assigns.

11.11 AMENDMENT. This Agreement may be amended, modified or supplemented only by written agreement signed by the Parties.

11.12 ASSIGNMENT. Centrica Business Solutions acknowledges that Owner is induced to enter into this Agreement by, among other things, the qualifications of Centrica Business Solutions. Accordingly, Centrica Business Solutions agrees that this Agreement shall not be assigned in whole or in part to another person or entity, without the prior written approval of Owner.

11.13 ENTIRE AGREEMENT. This Agreement, including all Schedules and Exhibits hereto, constitutes the entire agreement and understanding of the Parties and supersedes all prior agreements and understandings between the Parties with respect to the subject matter hereof. Each Party acknowledges that no Party has made any promises, representations, warranties, covenants or understandings other than those expressly set forth herein.

11.14 EXECUTION. This Agreement may be executed in several counterparts, each of which, when executed, shall be deemed to be an original, but all of which together shall constitute one and the same instrument. The transmission of the signature of a Party by facsimile, email or other electronic means shall be deemed an original thereof by the Party receiving such signature.

11.15 SUCCESSORS AND ASSIGNS. Except as otherwise expressly provided in the Contract Documents, all terms, conditions and covenants of the Contract Documents shall be binding upon, and shall inure to the benefit of the Owner and Contractor and their respective heirs, representatives, successors-in-interest and assigns.

11.16 NO WAIVER OF PERFORMANCE. The failure of either Party to insist, in any one or more instances, on the performance of any of the terms, covenants or conditions of this Agreement, or to exercise any of its rights hereunder, shall not be construed as a waiver or relinquishment of such term, covenant, condition or right with respect to further performance..

11.17 GENDER AND NUMBER. Whenever the context of the Contract Documents so require, the neuter gender includes the feminine and masculine, the masculine gender includes the feminine and neuter, the singular number includes the plural and the plural number includes the singular.

11.18 INDEPENDENT CONTRACTOR STATUS. Contractor is an independent contractor to the Owner and not an agent or employee of the Owner.

11.19 PROVISIONS REQUIRED BY LAW DEEMED INSERTED. Each and every provision of law and clause required by law to be inserted in the Contract Documents is deemed to be inserted herein and the Contract Documents shall be read and enforced as though such

provision or clause are included herein, and if through mistake, or otherwise, any such provision or clause is not inserted or if not correctly inserted, then upon application of either party, the Contract Documents shall forthwith be physically amended to make such insertion or correction.

[Signature Page Immediately Follows]

IN WITNESS WHEREOF, the Parties have executed this Agreement by their duly authorized representatives as of the Effective Date.

CENTRICA BUSINESS SOLUTIONS SERVICES, INC.

By: _____
Name: Trevor Nelson
Title: General Manager, West Business Unit

CAMBRIAN SCHOOL DISTRICT

By: _____
Name: John Pappalardo
Title: Chief Financial Officer

Exhibit A

Cambrian School District:
Energy and Water Optimization
Project:
Investment Grade Audit 100%



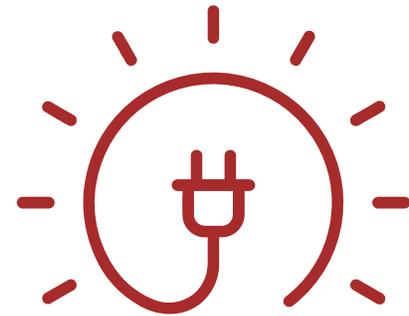
October 19, 2023



centrica
Business Solutions

Agenda

- Executive Summary
- Project Snapshot
- Energy Conservation Measures (ECM)
- Project Financials
- Schedule / Milestones



Executive Summary

- Upgrade all lighting at the District, both interior and exterior, incorporating Title24 Energy Code compliant controls, LED technology, and new look fixtures
 - More energy efficient, less cost to operate
 - Visible upgrade will improve aesthetics to students and employees
 - Higher quality lighting system that will improve student and faculty experience in the facilities
- Install District-wide irrigation controls for better management of exterior water use
- Install touch-free plumbing fixtures to comply with current and future water conservation mandates, and reduce the spread of germs





100% Snapshot

Investment Grade Analysis

Project Financials	
Proposed Project Investment	\$3,830,708
Year 1 Utility Cost Savings	\$137,613
Year 1 Maintenance Cost Savings	\$101,919
Annual Greenhouse Gas Emissions (tons)	405
Equivalent Number Passenger Vehicles per Year	82
Equivalent Reduction in Gallons of Gas Consumed per Year	18,625
Simple Payback	15.1 years

ECM (Energy Conservation Measure) #1 – Interior/Exterior LED Lighting & Controls



Lighting costs include fixture update without hazardous material displacement.

Affected Sites

- Bagby Elementary
- Ida Price School
- Fammatre School
- Farnham School
- Sartorette School
- District Office

ECM Description

Replace / retrofit incandescent, fluorescent, and HID lighting with LED. Install occupancy controls where required to meet CA Title 24 energy standards.

Special scope items include RGB (multi-color spectrum) lighting in elementary school special need classrooms and RGB theatrical lighting in the multipurpose rooms.

Location	Electricity Savings (kWh)	Electricity Cost Savings	Annual Maint Savings	Total Savings	ECM Cost	Simple Payback	Greenhouse Gases Reduced (tons/yr)
Bagby Elem School	105,175	\$25,202	\$800	\$26,002	\$511,486	19.7	82
Ida Price Middle School	124,702	\$33,653	\$1,568	\$35,221	\$446,677	12.7	97
Fammatre School	67,424	\$18,194	\$599	\$18,793	\$249,786	13.3	53
Sartorette School	64,511	\$16,847	\$414	\$17,261	\$322,488	18.7	50
Farnham School	72,206	\$18,856	\$574	\$19,430	\$226,651	11.7	56
District Office	84,396	\$24,861	\$1,296	\$26,157	\$233,619	8.9	66
Totals	518,413	\$137,613	\$5,251	\$142,864	\$1,990,707	13.9	405

Savings Over Rated Life of Lighting Equipment

Rated life: 120,000 hours

Annual hours of use (conservative estimate):
1,825 hours

Annual savings: \$142,864

Usable life of equipment: 65 years

Savings Over Rated Life:

\$9,286,160

Savings over rated life (5% energy inflation rate):

\$65,259,992

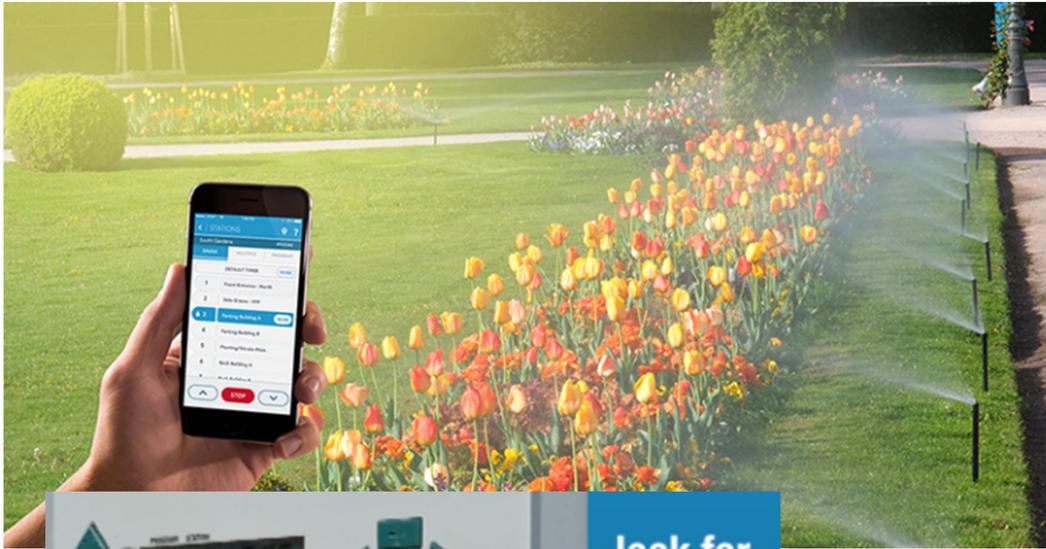


ECM #1 (cont.) – Interior/Exterior LED Lighting & Controls

- Vastly improved exterior illumination
- improved safety and security
- Dark Sky compliant



ECM #3 – WeatherTrak Smart Irrigation System



Affected Sites

- Bagby Elem School
- Sartorette School
- Farnham School
- Ida Price School
- Fammatre School
- Steindorf Steam School
- District Office

ECM Description

WeatherTrak irrigation controllers reduce water waste outdoors while keeping landscapes healthy. Weather-based irrigation controllers (WBICS) are one option to achieve water-efficient irrigation scheduling.

By using local weather data and landscape conditions to tailor water schedules, weather-based irrigation controllers determine when and how much to water.

ECM Description	Annual Maint. Savings ¹	ECM Cost	Simple Payback
Weathertrak System	\$96,668	\$1,381,382	14.3

Note 1: Annual Maintenance Savings for the WeatherTrak Irrigation system based on an estimated 22 hours per week for Groundskeepers and Irrigation Specialists to maintain system and review timers/valves/etc.

ECM #4 – Hands-Free WC Operation



SLOAN.



Affected Sites

- Bagby Elementary
- Ida Price School
- Fammatre School
- Steindorf Steam School
- Sartorette School
- Farnham School
- District Office

ECM Description

Replace faucets and flushometers for all restrooms in each facility with high efficiency touchless systems to minimize transmission of germs. Each restroom will contain one non-sensored standard operated faucet to ensure successful operation under any conditions.

ECM Description	Annual Water Savings (Gals)	Annual Savings	ECM Cost	Simple Payback
Touchless Fixtures	742,448	\$14,387	\$458,619	31.9

Project Financials

ECM #	ECM Description	Electricity Savings (kWh)	Electricity Cost Savings	Annual Maint Savings	Total Savings	ECM Cost	Simple Payback	Greenhouse Gases Reduced (tons/yr)
1	Int/Ext Lighting Retrofit & Control	434,017	\$112,752	\$3,955	\$116,707	\$1,757,088	15.1	339
1A	Int/Ext Lighting Retrofit & Control (DO)	84,396	\$24,861	\$1,296	\$26,157	\$233,619	8.9	66
3	WeatherSmart Irrigation System ¹	-	-	\$82,858	\$82,858	\$1,226,938	14.8	-
3A	WeatherSmart Irrigation System (DO)	-	-	\$13,810	\$13,810	\$154,444	11.2	-
4	Hand's Free WC Operation	-	-	-	\$13,558	\$403,343	29.7	-
4A	Hand's Free WC Operation (DO)	-	-	-	\$829	\$55,276	66.7	-
Totals		518,413	\$137,613	\$101,919	\$253,919	\$3,830,708	15.1	405

Notes:

- 1) Annual Maintenance Savings for the WeatherSmart system based on estimated 22 hours total time spent per week for groundskeepers and Irrigation Specialists to maintain system and review timers/valves/etc.

Next Steps



Thank you

Brooklyn Stewart

Sr. Account Executive

M: (916) 860-9032

E: Brooklyn.stewart@centrica.com



Exhibit B

CERTIFICATE OF SUBSTANTIAL COMPLETION

PROJECT: (*****NAME & ADDRESS*****)

CONTRACTOR: (*****NAME & ADDRESS*****)

County Bid Number:

Contract For: (***** NAME OF PROJECT*****)

Contract Date:

DATE OF ISSUANCE:

PROJECT OR DESIGNATED PORTION SHALL INCLUDE:

The Work performed under this Contract has been reviewed and found to be substantially complete. The Date of Substantial Completion of the Project or portion thereof designated above is hereby established as:

(*****DATE OF SUBSTANTIAL COMPLETION*****)

which is also the date of commencement of applicable warranties required by the Contract Documents, except as stated below.

DEFINITION OF DATE OF SUBSTANTIAL COMPLETION

The Date of Substantial Completion of the Work or designated portion thereof is the Date certified by the Engineer when construction is sufficiently complete, in accordance with the Contract Documents, so the Owner can occupy or utilize the Work or designated portion thereof for the use for which it is intended, as expressed in the Contract Documents.

A list of items to be completed or corrected, prepared by the Engineer/Architect, is attached hereto. The failure to include any items on such list does not alter the responsibility of the Contractor to complete all work in accordance with the contract documents. The date of commencement of warranties for items on the attached list will be the date of final payment unless otherwise agreed to in writing.

(Company Name) _____
ENGINEER/ARCHITECT By (Signature) _____ DATE _____
Printed Name _____

The Contractor will complete or correct the Work on the list of items attached hereto within 30 days from the above Date of Substantial Completion.

(Company Name) _____
CONTRACTOR BY (Signature) _____ DATE _____
Printed Name _____

The Owner accepts the Work or designated portion thereof as substantially complete and will assume full possession thereof at **11:59 PM** on (*****DATE OF ACCEPTANCE*****)

Saratoga County _____
OWNER BY (Signature) _____ DATE _____
Joseph C. Ritchey _____
Printed Name _____

CERTIFICATE OF SUBSTANTIAL COMPLETION

PROJECT: _____

List of Items to be Completed:

1.

Schedule 1

SCHEDULE 1

FACILITIES

School	Address	Meter SAID
BAGBY ELEM SCHOOL	1840 HARRIS AVE, SAN JOSE	1241345200
IDA PRICE SCHOOL	2650 NEW JERSEY AVE, SAN JOSE	1241345412
FAMMATRE SCHOOL	2800 NEW JERSEY AVE, SAN JOSE	1241345745
STEINDORF STEAM SCHOOL	3001 ROSS AVE, SAN JOSE	1248984312
SARTORETTE SCHOOL	3850 WOODFORD DR, SAN JOSE	1241345549
FARNHAM SCHOOL	15711 WOODARD RD, SAN JOSE	1241345183
DISTRICT OFFICE	4115 JACKSOL DR, SAN JOSE	1241345585

Schedule 2

SCHEDULE 2
SCOPE OF ECM WORK

Scope of Work Overview

Contractor will provide implementation services for the ECMs described generally below for the Cambrian School District and is incorporated herein:

ECM #	ECM Name
1	Lighting Upgrades
2	WeatherSmart Irrigation System
3	Hand's Free Operation

ECM # 1 – Lighting Upgrades

This ECM will be completed in the following facilities:

- Bagby Elem School
- Ida Price Middle School
- Fammatre School
- Sartorette School
- Farnham School
- District Office

Brief Summary of this measure:

- Replace / retrofit existing interior incandescent, fluorescent, and High Intensity Discharge (HID) lighting in all facilities with LED. Install occupancy controls where required to meet CA Title 24 energy standards, including Bluetooth occupancy controls with dimming in classrooms, offices, and multipurpose rooms.
- Special scope items include RGB (multi-color spectrum) lighting in elementary school special need classrooms and RGB theatrical lighting in the multipurpose rooms.
- Replace all existing exterior high pressure sodium (HPS), metal halide (MH), and fluorescent fixtures with LED. Install Title 24 compliant controls for any fixtures greater than 40 watts and below 24' (very few fixtures qualify for this which will save the school on exterior controls).
- Additional building mounted exterior lighting added to underlit areas, which includes Bagby multi-use building mount west exterior and between buildings D&E; Sartorette south front and south rear areas.

Detailed Line-by-Line summary is included in Schedule 5.

ECM # 3 – WeatherTrak Smart Irrigation System

This ECM will be completed in the following facilities:

- Bagby Elem School
- Ida Price Middle School
- Fammatre School
- Sartorette School
- Farnham School
- Steindorf Steam School
- District Office

Brief Summary of this measure:

- WeatherTrak irrigation smart controllers will be installed at all six schools and the District Office to achieve water-efficient irrigation scheduling.
- The WeatherTrak system includes flowsensors and master control valves to allow for remote monitoring and operation.
- This measure also includes a repair allowance to repair or replace damaged or defective irrigation components that were found non-operational during the site audit.
- This ECM includes \$100,000 of owner managed contingency.

Detailed building breakout summary is included in Schedule 6.

ECM # 4 – Plumbing Fixture Upgrade

This ECM will be completed in the following facilities:

- Bagby Elem School
- Ida Price Middle School
- Fammatre School
- Sartorette School
- Farnham School
- Steindorf Steam School
- District Office

Brief Summary of this measure:

- Replace existing non-sensor inefficient faucets and flushometers (toilets & urinals) for all restrooms in each of the six schools and the District Office with high efficiency touchless systems to minimize transmission of germs.
- Each restroom will contain one non-sensored standard push-button operated faucet to ensure successful operation regardless of operability of the sensed units.

Detailed building breakout summary is included in Schedule 7.

Schedule 3

SCHEDULE 3
ESTIMATED ECM WORK SCHEDULE

Estimated time frame for the Scope of Work is as follows (with the numbered ECMs running in parallel):

Milestone	Duration (Work Days)	Start	Finish	Duration (Calendar Days)
Total Project Construction	151 days	11/14/2023	6/12/2024	211 days
Mobilization	21 days	11/14/2023	12/13/2023	29 days
1. Lighting Upgrades	151 days	11/14/2023	6/12/2024	211 days
Design & Submittal	10 days	11/14/2023	11/28/2023	14 days
Material Order/Delivery	30 days	11/28/2023	1/9/2024	42 days
Installation	90 days	1/9/2024	5/14/2024	126 days
Closeout	21 days	5/14/2024	6/12/2024	29 days
2. Plumbing Upgrades	121 days	11/14/2023	5/1/2024	169 days
Design & Submittal	10 days	11/14/2023	11/28/2023	14 days
Material Order/Delivery	20 days	11/28/2023	12/26/2023	28 days
Installation	76 days	12/26/2023	4/10/2024	106 days
Closeout	15 days	4/10/2024	5/1/2024	21 days
3. Irrigation Upgrades	104 days	11/14/2023	4/7/2024	146 days
Design & Submittal	10 days	11/14/2023	11/28/2023	14 days
Material Order/Delivery	20 days	11/28/2023	12/26/2023	28 days
Installation	60 days	12/26/2023	3/19/2024	84 days
Closeout	14 days	3/19/2024	4/7/2024	20 days

Contractor will submit a detailed schedule describing the scope of work, area included, and time frame following the kick-off meeting.

Schedule 4

**SCHEDULE 4
ECM WORK SCHEDULE OF VALUES**

Task Description		Price	Total % Complete	Prior % Complete	Current Invoice Period Approx Addl %	Current Invoice Amount	Prior Invoiced Amount	Total Earned to Date
Mobilization		\$ 373,071	0%	0%	0%			
Lighting Upgrades			0%	0%	0%			
Design & Submittal		\$ 86,710	0%	0%	0%			
Material Order/Delivery		\$ 1,107,596	0%	0%	0%			
Installation		\$ 519,570	0%	0%	0%			
Closeout		\$ 77,760	0%	0%	0%			
Lighting Upgrades TOTAL		\$ 1,791,636	0%	0%	0%			
Plumbing Upgrades			0%	0%	0%			
Design & Submittal		\$ 19,983	0%	0%	0%			
Material Order/Delivery		\$ 255,158	0%	0%	0%			
Installation		\$ 119,701	0%	0%	0%			
Closeout		\$ 17,915	0%	0%	0%			
Plumbing Upgrades TOTAL		\$ 412,757	0%	0%	0%			
Irrigation Upgrades			0%	0%	0%			
Design & Submittal		\$ 55,818	0%	0%	0%			
Material Order/Delivery		\$ 712,934	0%	0%	0%			
Installation		\$ 334,440	0%	0%	0%			
Owner's Contingency		\$ 100,000	0%	0%	0%			
Closeout		\$ 50,052	0%	0%	0%			
Irrigation Upgrades TOTAL		\$ 1,253,244	0%	0%	0%			
TOTALS		\$ 3,830,708				\$ -	\$ -	\$ -

Schedule 5

Customer	Cambrian School District
Address	4115 Jacksol Drive, San Jose, CA
Contractor	

					Pre-Install (Baseline)			Post-Install (Proposed)						
Action #	Map Location #	Floor #	Building Name	Location Description	# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
1	PM-EXT	Exterior	Price Middle	LED Area Lights	14	LED Area Light 100W Luminaire	100	14	No Fixture Action	No Action	-	-	No Action	100
2	PM-EXT	Exterior	Price Middle	LED Area Lights	1	250w Metal Halide	295	1	LED Area Light, 100W	Install new LED area light	PMF 15L 100W14200L DMV 40K PC	-	Factory Installed Fixture Sensor	100
3	PM-EXT	Exterior	Price Middle	Metal Halide Floods	1	400w Metal Halide	458	1	LED Flood Light, 100W	Install new large LED flood	ESXF3 ALO SWW2 YS DDB	-	No Action	100
4	PM-EXT	Exterior	Price Middle	Solar Carport Vaportights	5	LED 4' Vapor Tight 45W Luminaire	45	5	No Fixture Action	No Action	-	-	No Action	45
5	PM-EXT	Exterior	Price Middle	CFL Wall Packs	34	Compact Fluorescent, (1) 42W lamp	45	34	LED Wallpack, 22W	Install new small LED wallpack	TWX1 ALO 40K MVOLT PE DDBXD	-	Factory Installed Fixture Sensor	22
6	PM-EXT	Exterior	Price Middle	CFL Floods, 1 head	1	Compact Fluorescent, (2) 13W lamp	30	1	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SWW2 KY DDB	-	No Action	37
7	PM-EXT	Exterior	Price Middle	CFL Floods, 2 heads	6	Compact Fluorescent, (2) 13W lamp	30	6	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SWW2 KY DDB	-	No Action	37
8	PM-EXT	Exterior	Price Middle	CFL Canopies	57	Compact Fluorescent, (2) 42W lamp	90	57	LED Canopy, 40W	Install new LED canopy fixture with 14" beauty plate	CPY-10L-40W5400L-DMV-40K	CNYBCP DDB	Field Installed Photocell	40
9	PM-EXT	Exterior	Price Middle	PAR Floods, 2 heads	4	Incandescent, (1) 65W lamp	65	2	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SWW2 KY DDB	-	No Action	37
10	PM-EXT	Exterior	Price Middle	Existing LED Floods	2	LED Flood Light 20W Luminaire	20	2	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SWW2 KY DDB	-	No Action	37
11	PM-EXT	Exterior	Price Middle	LED Wall Packs	13	LED Wall Pack 50W Luminaire	50	13	No Fixture Action	No Action	-	-	No Action	50
12	PM-EXT	Exterior	Price Middle	LED Floods	3	LED Flood Light 20W Luminaire	20	3	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SWW2 KY DDB	-	No Action	37
13	PM-EXT	Exterior	Price Middle	LED Wall Packs	13	LED Wall Pack 50W Luminaire	50	13	No Fixture Action	No Action	-	-	No Action	50
14	PM-EXT	Exterior	Price Middle	Metal Halide Canopies	5	250w Metal Halide	295	5	LED Canopy, 40W	Install new LED canopy fixture with 14" beauty plate	CPY-10L-40W5400L-DMV-40K	CNYBCP DDB	Field Installed Photocell	40
15	PM-EXT	Exterior	Price Middle	Community Center Wall Packs	20	Compact Fluorescent, (1) 42W lamp	45	20	LED Wallpack, 20W	Install new round LED wallpack	OUTEYMW15W1200LD120BK40K	-	Factory Installed Fixture Sensor	20
16	PM-EXT	Exterior	Price Middle	Community Center Cans	8	Compact Fluorescent, (1) 32W lamp	34	8	Other, 15W	Install new 10" LED can retrofit kit	RET-V100FCR-1-15-40K-F1060-SGC	-	No Action	15
17	PM-EXT	Exterior	Price Middle	Metal Halide Halfround Wall Packs	6	100w Metal Halide	128	6	LED Wallpack, 29W	Install new halfround LED wallpack	WSQ LED P2 40K SR3 120 PE DDBXD	-	Factory Installed Fixture Sensor	29
18	PM-1	Building 3	Price Middle	Reception	10	2x4 Troffer (3-lamp T8)	85	10	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
19	PM-1	Building 3	Price Middle	Reception	2	12' Direct/Indirect (6-lamp T8)	170	2	LED Strip 8', 97W	Install new LED 12' LED Direct/Indirect Fixture	(1) 45P SF 48L UR12WD24W MDV 40K SI HC302WH + (1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	No Action	97
20	PM-1	Building 3	Price Middle	Reception Exit Signs	2	EXIT Incandescent, (1) 5W lamp	5	2	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
21	PM-2	Building 3	Price Middle	Reception Closet	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
22	PM-3	Building 3	Price Middle	Office	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
23	PM-3	Building 3	Price Middle	Office Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
24	PM-4	Building 3	Price Middle	Health	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
25	PM-5	Building 3	Price Middle	Hallway	6	2x4 Troffer (3-lamp T8)	85	6	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
26	PM-5	Building 3	Price Middle	Hallway Exit Signs	2	EXIT Incandescent, (1) 5W lamp	5	2	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
27	PM-6	Building 3	Price Middle	AP Office	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
28	PM-7	Building 3	Price Middle	Principal Office	4	2x4 Troffer (3-lamp T8)	85	4	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
29	PM-8	Building 3	Price Middle	AP Office	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
30	PM-9	Building 3	Price Middle	Conference Room	4	2x4 Troffer (3-lamp T8)	85	4	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
31	PM-10	Building 3	Price Middle	Bathroom	1	2x4 Troffer (3-lamp T8)	85	1	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
32	PM-11	Building 3	Price Middle	Bathroom	1	2x4 Troffer (3-lamp T8)	85	1	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
33	PM-12	Building 3	Price Middle	Mechanical	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
34	PM-13	Building 3	Price Middle	Private Office	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 30W	Install new LED 4' wrap fixture	EWPF48LY30WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
35	PM-14	Building 3	Price Middle	Work Room	5	2x4 Troffer (3-lamp T8)	85	5	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
36	PM-14	Building 3	Price Middle	Work Room Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
37	PM-15	Building 3	Price Middle	Classroom 7	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
38	PM-16	Building 3	Price Middle	Classroom 6	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
39	PM-17	Building 3	Price Middle	Storage	1	Recessed Can Hi-Hat Fixture w/(2) PL 32w CF Quad Lamps	62	1	Drum, 15W	Install new 11" LED surface mount fixture	IRCR11L18W1400L30KWH	-	Wall Switch Sensor	15
40	PM-18	Building 3	Price Middle	Storage	1	Recessed Can Hi-Hat Fixture w/(2) PL 32w CF Quad Lamps	62	1	Drum, 15W	Install new 11" LED surface mount fixture	IRCR11L18W1400L30KWH	-	Wall Switch Sensor	15
41	PM-19	Building 3	Price Middle	Electrical	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
42	PM-20	Building 3	Price Middle	Classroom 5	15	LED 2x2 Troffer 30W Luminaire	30	15	No Fixture Action	No Action	-	-	No Action	30
43	PM-21	Building 3	Price Middle	Classroom 4	20	LED 2x4 Troffer 45W Luminaire	45	20	No Fixture Action	No Action	-	-	No Action	45
44	PM-22	Building 3	Price Middle	Storage 4A	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	Wall Switch Sensor	12
45	PM-23	Building 3	Price Middle	Homemaking	20	LED 2x2 Troffer 30W Luminaire	30	20	No Fixture Action	No Action	-	-	No Action	30
46	PM-24	Building 3	Price Middle	Storage 4B	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	Wall Switch Sensor	12
47	PM-25	Building 4	Price Middle	Classroom 9	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
48	PM-26	Building 4	Price Middle	Classroom 10	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
49	PM-27	Building 4	Price Middle	Classroom 11	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
50	PM-28	Building 4	Price Middle	Classroom 12	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
51	PM-29	Building 4	Price Middle	Classroom 13	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
52	PM-30	Building 4	Price Middle	Classroom 14	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
53	PM-31	Building 4	Price Middle	Classroom 15	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
54	PM-32	Building 4	Price Middle	Classroom 16	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
55	PM-33	Building 5	Price Middle	Classroom 17	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
56	PM-34	Building 5	Price Middle	Classroom 18	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
57	PM-35	Building 5	Price Middle	Girls Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
58	PM-36	Building 5	Price Middle	Girls Bathroom Closet	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	Wall Switch Sensor	12
59	PM-37	Building 5	Price Middle	Boys Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
60	PM-38	Building 5	Price Middle	Video Production	4	4' Surface Mount Wrap (4-lamp T8)	59	4	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
61	PM-39	Building 5	Price Middle	Classroom 19	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
62	PM-40	Building 5	Price Middle	Classroom 20	20	LED 2x4 Troffer 45W Luminaire	45	20	No Fixture Action	No Action	-	-	No Action	45
63	PM-41	Building 5	Price Middle	Classroom 21	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45

					Pre-Install (Baseline)			Post-Install (Proposed)						
Action #	Map Location #	Floor #	Building Name	Location Description	# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
64	PM-42	Building 5	Price Middle	Classroom 22	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
65	PM-43	Building 5	Price Middle	Classroom 23	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
66	PM-44	Building 5	Price Middle	Classroom 24	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
67	PM-45	Building 5	Price Middle	Girls Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
68	PM-46	Building 5	Price Middle	Boys Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
69	PM-47	Building 5	Price Middle	Bathroom Closet	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W100L30KWH	-	Wall Switch Sensor	12
70	PM-48	Building 7	Price Middle	Classroom 25	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
71	PM-49	Building 7	Price Middle	Classroom 26	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
72	PM-50	Building 7	Price Middle	Classroom 27	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
73	PM-51	Building 7	Price Middle	Classroom 28	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
74	PM-52	Building 7	Price Middle	Classroom 29	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
75	PM-53	Building 7	Price Middle	Classroom 30	19	LED 2x2 Troffer 30W Luminaire	30	19	No Fixture Action	No Action	-	-	No Action	30
76	PM-54	Building 8	Price Middle	Classroom 31	19	LED 2x4 Troffer 45W Luminaire	45	19	No Fixture Action	No Action	-	-	No Action	45
77	PM-55	Building 8	Price Middle	Classroom 32	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
78	PM-56	Science Building 1&2	Price Middle	Science Classroom S1	32	2x4 Troffer (4-lamp T8)	112	32	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
79	PM-57	Science Building 1&2	Price Middle	Prep	8	4' Surface Mount Wrap (4-lamp T8)	59	8	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	Wired Relay Switch	20
80	PM-58	Science Building 1&2	Price Middle	Science Classroom S2	32	2x4 Troffer (4-lamp T8)	112	32	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
81	PM-59	Science Building 3	Price Middle	Science Classroom S3	32	2x4 Troffer (4-lamp T8)	112	32	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
82	PM-60	Science Building 3	Price Middle	Prep	4	4' Surface Mount Wrap (4-lamp T8)	59	4	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	Wired Relay Switch	20
83	PM-61	Science Building 4	Price Middle	Storage	2	1x4 Troffer (2-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
84	PM-62	Science Building 4	Price Middle	Bathroom	1	1x4 Troffer (2-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
85	PM-63	Science Building 4	Price Middle	Janitor	1	1x4 Troffer (2-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
86	PM-64	Science Building 4	Price Middle	Girls Bathroom	2	1x4 Troffer (2-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
87	PM-65	Science Building 4	Price Middle	Science Classroom S4	23	2x4 Troffer (3-lamp T8)	85	23	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
88	PM-65	Science Building 4	Price Middle	Science Classroom S4 Exit Signs	2	EXIT Incandescent, (1) 5W lamp	5	2	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
89	PM-66	Science Building 4	Price Middle	Prep	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
90	PM-67	Portables 1-5	Price Middle	Portable 1	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
91	PM-68	Portables 1-5	Price Middle	Portable 2	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
92	PM-69	Portables 1-5	Price Middle	Portable 3	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
93	PM-70	Portables 1-5	Price Middle	Portable 4	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
94	PM-71	Portables 1-5	Price Middle	Portable 5	16	LED 2x2 Troffer 30W Luminaire	30	16	No Fixture Action	No Action	-	-	No Action	30
95	PM-72	Building 6	Price Middle	Library	21	2x4 Troffer (3-lamp T8)	85	21	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
96	PM-72	Building 6	Price Middle	Library	4	12' Direct/Indirect (6-lamp T8)	170	4	LED Strip 8', 97W	Install new LED 12' LED Direct/Indirect Fixture	(1) 45P SF 48L UR12WD24W MDV 40K SI HC302WH + (1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	97
97	PM-72	Building 6	Price Middle	Library	8	12' Direct/Indirect (6-lamp T8)	170	4	LED Strip 8', 194.5W	Install new LED 24' LED Direct/Indirect Fixture	(2) 45P SF 48L UR12WD24W MDV 40K SI HC302WH + (2) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	195

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
98	PM-72	Building 6	Price Middle	Library	1	Compact Fluorescent, (1) 32W lamp	34	1	Other, 15W	Install new 6" LED can retrofit kit	RET-V60FCR-1-15-40K-F1060-SGC	-	Power Pack	15
99	PM-72	Building 6	Price Middle	Library Exit Signs	3	EXIT Incandescent, (1) 5W lamp	5	3	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
100	PM-73	Building 6	Price Middle	Work Room	2	2x4 Troffer (3-lamp T8)	85	2	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	-	Bluetooth Fixture Controller (Pre-Installed)	28
101	PM-74	Building 6	Price Middle	Computer Lab	3	Compact Fluorescent, (1) 32W lamp	34	3	Other, 15W	Install new 6" LED can retrofit kit	RET-V60FCR-1-15-40K-F1060-SGC	-	Power Pack	15
102	PM-74	Building 6	Price Middle	Computer Lab	4	12' Direct/Indirect (6-lamp T8)	170	4	LED Strip 8', 97W	Install new LED 12' LED Direct/Indirect Fixture	(1) 45P SF 48L UR12WD24W MDV 40K SI HC302WH + (1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	97
103	PM-74	Building 6	Price Middle	Computer Lab	4	8' Direct/Indirect (4-lamp T8)	112	4	LED Strip 8', 65W	Install new LED 8' Direct/Indirect Fixture	(1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	65
104	PM-74	Building 6	Price Middle	Computer Lab Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
105	PM-75	Building 6	Price Middle	Counselor	4	2x4 Troffer (3-lamp T8)	85	4	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
106	PM-76	Building 6	Price Middle	Electrical	2	2x4 Troffer (2-lamp T8)	59	2	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
107	PM-77	Building 6	Price Middle	Closet	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	No Action	12
108	PM-78	Building 6	Price Middle	Furnace Closet	1	Incandescent, (1) 60W lamp	60	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	No Action	12
109	PM-79	Building 6	Price Middle	Mechanical	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPPFR48LY20WDMV40K	-	Wall Switch Sensor	20
110	PM-80	Building 2	Price Middle	Vocational Tech + Art Room	63	LED 2x2 Troffer 30W Luminaire	30	63	No Fixture Action	No Action	-	-	No Action	30
111	PM-81	Building 2	Price Middle	Project Storage	3	LED 2x2 Troffer 30W Luminaire	30	3	No Fixture Action	No Action	-	-	No Action	30
112	PM-82	Building 2	Price Middle	Office 2A	2	LED 2x2 Troffer 30W Luminaire	30	2	No Fixture Action	No Action	-	-	No Action	30
113	PM-83	Building 2	Price Middle	Special Tools 2B	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPPFR48LY20WDMV40K	-	Wall Switch Sensor	20
114	PM-84	Building 2	Price Middle	Project Storage 2C	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPPFR48LY20WDMV40K	-	Wired Relay Switch	20
115	PM-85	Building 2	Price Middle	Project Storage 2D	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPPFR48LY20WDMV40K	-	Wired Relay Switch	20
116	PM-86	Building 2	Price Middle	Special Tools 2A	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPPFR48LY20WDMV40K	-	Wall Switch Sensor	20
117	PM-87	Building 1	Price Middle	Multiuse Room	40	Compact Fluorescent, (2) 32W lamp	68	40	Drum, 20W	Install new 14" LED surface mount fixture	JFSQ 14IN 18LM 40K 90CRI MVOLT ZT WH	CUSTOM BACKPLATE	Bluetooth Fixture Controller (Pre-Installed)	20
118	PM-87	Building 1	Price Middle	Multi Use Room Theatrical Lights	6	Incandescent, (1) 60W lamp	60	6	No Fixture Action	No Action	-	-	No Action	60
119	PM-87	Building 1	Price Middle	Multi Use Room Exit Signs	4	EXIT Incandescent, (1) 5W lamp	5	4	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
120	PM-88	Building 1	Price Middle	Stairs	1	Compact Fluorescent, (2) 32W lamp	68	1	1 Placeholder(s), 20W	Relamp fixture with A19 LED	-	-	Wall Switch Sensor	20
121	PM-89	Building 1	Price Middle	Platform A6	16	2x4 Troffer (2-lamp T8)	59	16	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
122	PM-89	Building 1	Price Middle	Platform A6	9	Incandescent, (1) 60W lamp	60	9	LED Flood Light, 15W	Install new RGB flood fixture	HUE RGB Flood 915005731501	-	Philips Hue Dimming Switch	15
123	PM-89	Building 1	Price Middle	General Back Stage Area Exit Signs	4	EXIT Incandescent, (1) 5W lamp	5	4	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
124	PM-90	Building 1	Price Middle	Girls Bathroom/Hall	2	Compact Fluorescent, (1) 32W lamp	34	2	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	Wall Switch Sensor	12
125	PM-91	Building 1	Price Middle	Music Storage A3	1	2x4 Troffer (4-lamp T8)	112	1	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(2) 23.5" x 23.5" Lens	Wall Switch Sensor	28
126	PM-92	Building 1	Price Middle	Music Library & Instrument A4	1	2x4 Troffer (4-lamp T8)	112	1	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(2) 23.5" x 23.5" Lens	Wall Switch Sensor	28
127	PM-93	Building 1	Price Middle	Ensemble A5	4	2x4 Troffer (4-lamp T8)	112	4	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
128	PM-94	Building 1	Price Middle	Boys Bathroom/Hall	2	Compact Fluorescent, (1) 32W lamp	34	2	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	Wall Switch Sensor	12
129	PM-95	Building 1	Price Middle	Hallway	2	Compact Fluorescent, (2) 32W lamp	68	2	1 Placeholder(s), 20W	Relamp fixture with A19 LED	-	-	Wall Switch Sensor	20
130	PM-95	Building 1	Price Middle	Hallway Exit Signs	2	EXIT Incandescent, (1) 5W lamp	5	2	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
131	PM-96	Building 1	Price Middle	Custodian	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22

					Pre-Install (Baseline)			Post-Install (Proposed)						
Action #	Map Location #	Floor #	Building Name	Location Description	# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
132	PM-97	Building 1	Price Middle	Mechanical A8	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
133	PM-98	Building 1	Price Middle	Kitchen/Serving	17	4' Surface Mount Wrap (4-lamp T8)	59	17	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
134	PM-99	Building 1	Price Middle	Pantry	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
135	PM-100	Building 1	Price Middle	Office A12	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
136	PM-101	Building 1	Price Middle	Storage A13	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
137	PM-102	Building 1	Price Middle	Refrigerator	3	Compact Fluorescent, (1) 32W lamp	34	3	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W100L30KWH	-	No Action	12
138	PM-103	Building 1	Price Middle	Freezer	2	Compact Fluorescent, (1) 32W lamp	34	2	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W100L30KWH	-	No Action	12
139	PM-104	Building 1	Price Middle	Food Prep	3	4' Surface Mount Wrap (4-lamp T8)	112	3	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
140	PM-105	Building 1	Price Middle	Lounge A16	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
141	PM-106	Building 1	Price Middle	Office A20	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
142	PM-107	Building 1	Price Middle	Bathroom A19	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
143	PM-108	Building 1	Price Middle	Boys Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
144	PM-109	Building 1	Price Middle	Girls Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
145	PM-110	Building 1	Price Middle	Corridor A26	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
146	PM-111	Building 1	Price Middle	Bathroom A29	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip 8', 72W	Install new LED 4' strip fixture	SER FR 96L K72W G120 40K G120 WH	-	Wall Switch Sensor	72
147	PM-112	Building 1	Price Middle	Bathroom A28	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip 8', 72W	Install new LED 4' strip fixture	SER FR 96L K72W G120 40K G120 WH	-	Wall Switch Sensor	72
148	PM-113	Building 1	Price Middle	Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
149	PM-114	Building 1	Price Middle	Staff Lounge A21	9	4' Surface Mount Wrap (4-lamp T8)	112	9	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
150	PM-115	Building 1	Price Middle	Work Room A22	3	4' Surface Mount Wrap (4-lamp T8)	112	3	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
151	PM-116	Building 1	Price Middle	Work Room A25	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
152	PM-117	Community Center	Price Middle	Entry	20	4' Strip (1-lamp T8)	32	20	LED Strip Retrokit 4', 15W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	1Bar 1 Driver-15W - 4 ft	-	Wired Relay Switch	15
153	PM-117	Community Center	Price Middle	Entry	8	Compact Fluorescent, (4) 23W biax lamp	100	8	Decorative, 42W	New LED decorative pendant	52069LEDD-GRY/ACR	-	Wired Relay Switch	42
154	PM-117	Community Center	Price Middle	Entry	4	Compact Fluorescent, (1) 32W lamp	34	4	Other, 15W	Install new 6" LED can retrofit kit	RET-V60FCR-1-15-40K-F1060-SGC	-	Wired Relay Switch	15
155	PM-117	Community Center	Price Middle	Entry	1	EXIT Incandescent, (2) 5W lamp	10	1	No Fixture Action	No Action	-	-	No Action	10
156	PM-118	Community Center	Price Middle	Women's Restroom	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Troffer 2x2, 24W	Install new 1x4 flat panel fixture with surface mount frame	BFP 14L 50M5500L DMV MCT4	SHBFP1X4	No Action	24
157	PM-118	Community Center	Price Middle	Women's Restroom	1	Compact Fluorescent, (1) 32W lamp	34	1	Other, 15W	Install new 6" LED can retrofit kit	RET-V60FCR-1-15-40K-F1060-SGC	-	No Action	15
158	PM-118A	Community Center	Price Middle	Storage Closet	2	4' Strip (2-lamp T8)	59	2	LED Strip Retrokit 4', 22W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
159	PM-119	Community Center	Price Middle	Men's Restroom	4	4' Surface Mount Wrap (4-lamp T8)	59	4	LED Troffer 2x2, 24W	Install new 1x4 flat panel fixture with surface mount frame	BFP 14L 50M5500L DMV MCT4	SHBFP1X4	No Action	24
160	PM-120	Community Center	Price Middle	Hallway	6	4' Surface Mount Wrap (4-lamp T8)	59	6	LED Troffer 2x2, 24W	Install new 1x4 flat panel fixture with surface mount frame	BFP 14L 50M5500L DMV MCT4	SHBFP1X4	Wired Relay Switch	24
161	PM-120	Community Center	Price Middle	Hallway	4	4' Surface Mount Wrap (4-lamp T8)	59	4	LED Troffer 2x2, 24W	Install new 1x4 flat panel fixture with surface mount frame	BFP 14L 50M5500L DMV MCT4	SHBFP1X4	Tied to Action Above	24
162	PM-121	Community Center	Price Middle	Desk	3	8' Direct/Indirect (4-lamp T8)	112	3	LED Strip 8', 65W	Install new LED 8' Direct/Indirect Fixture	(1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Wired Relay Switch	65
163	PM-122	Community Center	Price Middle	Storage	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
164	PM-123	Community Center	Price Middle	Janitor	4	4' Surface Mount Wrap (4-lamp T8)	59	4	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
165	PM-124	Community Center	Price Middle	Boy's Locker Room	28	4' Surface Mount Wrap (4-lamp T8)	59	28	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
166	PM-124	Community Center	Price Middle	Boy's Locker Room	10	4' Surface Mount Wrap (4-lamp T8)	59	10	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	BBU-08W	Tied to Action Above	22
167	PM-124	Community Center	Price Middle	Boy's Locker Room	1	2x2 Troffer (2-lamp T8)	59	1	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	BBU-08W	Tied to Action Above	30
168	PM-125	Community Center	Price Middle	Office	3	2x4 Troffer (3-lamp T8)	85	3	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
169	PM-126	Community Center	Price Middle	Restroom	4	4' Surface Mount Wrap (4-lamp T8)	59	4	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
170	PM-127	Community Center	Price Middle	Storage	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
171	PM-128	Community Center	Price Middle	Storage	9	4' Strip (2-lamp T8)	59	9	LED Strip Retrofit 4', 22W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
172	PM-129	Community Center	Price Middle	Girl's Locker Room	34	4' Surface Mount Wrap (4-lamp T8)	59	34	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
173	PM-129	Community Center	Price Middle	Girl's Locker Room	12	4' Surface Mount Wrap (4-lamp T8)	59	12	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	BBU-08W	Tied to Action Above	22
174	PM-129	Community Center	Price Middle	Girl's Locker Room	1	2x2 Troffer (2-lamp T8)	59	1	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	BBU-08W	Tied to Action Above	30
175	PM-130	Community Center	Price Middle	Office	3	2x4 Troffer (3-lamp T8)	85	3	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
176	PM-131	Community Center	Price Middle	Storage	4	2x4 Troffer (3-lamp T8)	85	4	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
177	PM-132	Community Center	Price Middle	Restroom	5	4' Surface Mount Wrap (4-lamp T8)	59	5	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
178	PM-133	Community Center	Price Middle	Gym	28	LED High Bay 150W Luminaire	150	28	No Fixture Action	No Action	-	-	No Action	150
179	PM-134	Community Center	Price Middle	Classroom	24	2x4 Troffer (3-lamp T8)	85	24	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
180	PM-134	Community Center	Price Middle	Classroom	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
181	PM-135	Community Center	Price Middle	Classroom	24	2x4 Troffer (3-lamp T8)	85	24	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
182	PM-135	Community Center	Price Middle	Classroom	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
183	PM-136	Community Center	Price Middle	Storage	8	4' Surface Mount Wrap (4-lamp T8)	59	8	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
184	PM-137	Community Center	Price Middle	Stage	9	4' Surface Mount Wrap (4-lamp T8)	59	9	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
185	PM-137	Community Center	Price Middle	Stage	8	Incandescent, (1) 60W lamp	60	8	Other, 15W	Install new 6" LED can retrofit kit	RET-V6OFCR-1-15-40K-F1060-SGC	-	No Action	15
186	PM-137	Community Center	Price Middle	Stage	19	Incandescent, (1) 60W lamp	60	19	1 Placeholder(s), 14W	Relamp existing theatrical light with RGB lamp	-	-	Philips Hue Dimming Switch	14
187	PM-138	Community Center	Price Middle	Storage	6	4' Surface Mount Wrap (4-lamp T8)	59	6	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
188	PM-139	Community Center	Price Middle	Band	28	2x4 Troffer (3-lamp T8)	85	28	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
189	PM-139	Community Center	Price Middle	Band	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	BBU-08W	Bluetooth Fixture Controller (Pre-Installed)	30
190	PM-140	Community Center	Price Middle	Small Band Closet	1	2x4 Troffer (3-lamp T8)	85	1	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	-	No Action	28
191	PM-141	Community Center	Price Middle	Small Band Closet	1	2x4 Troffer (3-lamp T8)	85	1	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	-	No Action	28
192	PM-142	Community Center	Price Middle	Small Band Closet	1	2x4 Troffer (3-lamp T8)	85	1	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	-	No Action	28
193	PM-143	Community Center	Price Middle	Band Storage	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
194	PM-144	Community Center	Price Middle	Small Band Closet	1	2x4 Troffer (3-lamp T8)	85	1	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	-	No Action	28
195	PM-145	Community Center	Price Middle	Small Band Closet	1	2x4 Troffer (3-lamp T8)	85	1	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	-	No Action	28
196	PM-146	Community Center	Price Middle	Small Band Closet	1	2x4 Troffer (3-lamp T8)	85	1	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	-	No Action	28
197	PM-147	Community Center	Price Middle	Band Storage	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
198	PM-148	Community Center	Price Middle	Dance Room	14	400w Metal Halide	458	14	LED High Bay, 75W	Install new LED high bay fixture	SVRH815L75W14000LDMV50K	LL-EHB-PDT	Bluetooth Fixture Controller (Pre-Installed)	75
199	PM-148	Community Center	Price Middle	Dance Room	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Troffer 2x2, 24W	Install new 1x4 flat panel fixture with surface mount frame	BFP 14L 50M5500L DMV MCT4	SHBFP1X4	Tied to Action Above	24

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
200	PM-148	Community Center	Price Middle	Dance Room	2	EXIT Incandescent, (1) 5W lamp	5	2	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
201	PM-149	Community Center	Price Middle	Electrical Room	2	4' Strip (2-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
202	DO-EXT	Exterior	District Office	LED Wall Packs	10	LED Wall Pack 50W Luminaire	50	10	No Fixture Action	No Action	-	-	No Action	50
203	DO-EXT	Exterior	District Office	CFL Wall Packs	27	Compact Fluorescent, (1) 42W lamp	45	27	LED Wallpack, 22W	Install new small LED wallpack	TWX1 ALO 40K MVOLT PE DDBXD	-	Factory Installed Fixture Sensor	22
204	DO-EXT	Exterior	District Office	LED Wall Packs	6	LED Wall Pack 50W Luminaire	50	6	LED Wallpack, 22W	Install new small LED wallpack	TWX1 ALO 40K MVOLT PE DDBXD	-	Factory Installed Fixture Sensor	22
205	DO-EXT	Exterior	District Office	LED Bugeye Flood	1	LED Flood Light 20W Luminaire	20	1	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SWW2 KY DDB	-	No Action	37
206	DO-EXT	Exterior	District Office	LED Vapor Tights	4	LED 4' Vapor Tight 45W Luminaire	45	4	No Fixture Action	No Action	-	-	No Action	45
207	DO-EXT	Exterior	District Office	CFL Canopies	23	Compact Fluorescent, (2) 42W lamp	90	23	LED Canopy, 40W	Install new LED canopy fixture with 14" beauty plate	CPY-10L-40W5400L-DMV-40K	CNYBCP DDB	Field Installed Photocell	40
208	DO-EXT	Exterior	District Office	PAR Floods, 2 heads	2	Incandescent, (1) 65W lamp	65	1	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SWW2 KY DDB	-	No Action	37
209	DO-EXT	Exterior	District Office	Metal Halide Wall Packs	11	250w Metal Halide	295	11	LED Wallpack, 65W	Install new large LED wallpack	DC150L-65M10000L-DMV-MCT-PC	-	Factory Installed Fixture Sensor	65
210	DO-EXT	Exterior	District Office	CFL Floods, 1 head	1	Compact Fluorescent, (1) 32W lamp	34	1	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SWW2 KY DDB	-	No Action	37
211	DO-EXT	Exterior	District Office	CFL Floods, 2 heads	2	Compact Fluorescent, (1) 32W lamp	34	2	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SWW2 KY DDB	-	No Action	37
212	DO-EXT	Exterior	District Office	Metal Halide Floods	1	400w Metal Halide	458	1	LED Flood Light, 100W	Install new large LED flood	ESXF3 ALO SWW2 YS DDB	-	No Action	100
213	DO-EXT	Exterior	District Office	Metal Halide Barn Lights	1	400w Metal Halide	458	0	Remove	Remove	-	-	No Action	0
214	DO-1	Main Offices	District Office	Admin Conference Room	7	4' Surface Mount Wrap (4-lamp T8)	112	7	LED Strip Retrofit 4', 34W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-34W - 4 ft	-	Bluetooth Fixture Controller (Pre-Installed)	34
215	DO-2	Main Offices	District Office	Superintendent's Office Restroom	1	LED Drum 10W Luminaire	10	1	No Fixture Action	No Action	-	-	Wall Switch Sensor	10
216	DO-2	Main Offices	District Office	Superintendent's Office	4	4' Surface Mount Wrap (4-lamp T8)	112	4	LED Strip Retrofit 4', 34W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-34W - 4 ft	-	Bluetooth Fixture Controller (Pre-Installed)	34
217	DO-3	Main Offices	District Office	Open Office	5	4' Surface Mount Wrap (4-lamp T8)	112	5	LED Strip Retrofit 4', 34W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-34W - 4 ft	-	Bluetooth Fixture Controller (Pre-Installed)	34
218	DO-4	Main Offices	District Office	Electrical Closet	1	8' Strip (4-lamp T8)	112	1	LED Strip Retrofit 4', 34W	Retrofit existing 8' strip fixtures with 4-bar LED kit.	4Bar 1 Driver-34W - 4 ft	-	Wired Relay Switch	34
219	DO-5	Main Offices	District Office	Private Office	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrofit 4', 34W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-34W - 4 ft	-	Bluetooth Fixture Controller (Pre-Installed)	34
220	DO-6	Main Offices	District Office	Private Office	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrofit 4', 34W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-34W - 4 ft	-	Bluetooth Fixture Controller (Pre-Installed)	34
221	DO-7	Main Offices	District Office	Hallway	4	2x4 Troffer (2-lamp T8)	59	4	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Wired Relay Switch	30
222	DO-8	Main Offices	District Office	Private Office	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Strip Retrofit 4', 34W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-34W - 4 ft	-	Bluetooth Fixture Controller (Pre-Installed)	34
223	DO-9	Main Offices	District Office	Break Room	6	4' Surface Mount Wrap (4-lamp T8)	112	6	LED Strip Retrofit 4', 34W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-34W - 4 ft	-	Wired Relay Switch	34
224	DO-10	Main Offices	District Office	Restroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wall Switch Sensor	20
225	DO-11	Main Offices	District Office	Restroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wall Switch Sensor	20
226	DO-12	Main Offices	District Office	Main Entrance	17	4' Surface Mount Wrap (4-lamp T8)	112	17	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 2 ft	-	Bluetooth Fixture Controller (Pre-Installed)	22
227	DO-13	Main Offices	District Office	IT Room	6	4' Surface Mount Wrap (4-lamp T8)	112	6	LED Strip Retrofit 4', 34W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-34W - 4 ft	-	Wired Relay Switch	34
228	DO-14	Main Offices	District Office	Restroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
229	DO-15	Main Offices	District Office	Hallway	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
230	DO-16	Main Offices	District Office	Closet	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Tied to Action Above	22
231	DO-17	Main Offices	District Office	Closet	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
232	DO-18	Main Offices	District Office	Library	3	2x4 Troffer (4-lamp T8)	112	3	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
233	DO-19	Main Offices	District Office	Back Kitchen	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22

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					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
234	DO-20	Main Offices	District Office	Shared Office	4	2x4 Troffer (4-lamp T8)	112	4	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
235	DO-21	Main Offices	District Office	Large Private Office	6	2x4 Troffer (4-lamp T8)	112	6	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
236	DO-22	Main Offices	District Office	IT Department	2	2x4 Troffer (4-lamp T8)	112	2	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
237	DO-23	Main Offices	District Office	IT Department	2	2x4 Troffer (4-lamp T8)	112	2	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
238	DO-24	Main Offices	District Office	IT Department	1	2x4 Troffer (4-lamp T8)	112	1	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
239	DO-25	Main Offices	District Office	IT Department	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrokit 4', 34W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-34W - 4 ft	-	Wired Relay Switch	34
240	DO-26	Main Offices	District Office	IT Department	1	2x4 Troffer (4-lamp T8)	112	1	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
241	DO-27	Main Offices	District Office	IT Department	1	2x4 Troffer (4-lamp T8)	112	1	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
242	DO-28	Main Offices	District Office	Open Office	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
243	DO-29	Main Offices	District Office	Kitchen	2	2x2 Troffer (4-lamp T8)	57	2	LED 2x2 Retrokit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
244	DO-30	Main Offices	District Office	Open Office	18	2x4 Troffer (4-lamp T8)	112	18	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
245	DO-31	Main Offices	District Office	Conference Room	4	2x4 Troffer (4-lamp T8)	112	4	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
246	DO-32	Main Offices	District Office	Conference Room	8	2x4 Troffer (4-lamp T8)	112	8	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
247	DO-33	Main Offices	District Office	Private Office	2	2x4 Troffer (4-lamp T8)	112	2	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
248	DO-34	Main Offices	District Office	Closet	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
249	DO-35	Main Offices	District Office	Closet	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
250	DO-36	Main Offices	District Office	Hallway	3	2x2 Troffer (2-lamp T8)	30	3	LED 2x2 Retrokit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	No Action	30
251	DO-37	Building 2	District Office	Daycare Room 1	12	2x4 Troffer (2-lamp T8)	59	12	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
252	DO-38	Building 2	District Office	Daycare 1 Backroom	9	2x4 Troffer (2-lamp T8)	59	9	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
253	DO-39	Building 2	District Office	Daycare 1 Office	3	2x4 Troffer (2-lamp T8)	59	3	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
254	DO-40	Building 2	District Office	Daycare 1 Kitchen	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wall Switch Sensor	20
255	DO-41	Building 2	District Office	Daycare 1 Pantry	1	Compact Fluorescent, (2) 42W lamp	90	1	Drum, 15W	Install new 11" LED surface mount fixture	IRCR11L18W1400L30KWH	-	Wall Switch Sensor	15
256	DO-42	Building 2	District Office	Daycare 2	28	2x4 Troffer (2-lamp T8)	59	28	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
257	DO-42	Building 2	District Office	Daycare 2	10	Incandescent, (1) 60W lamp	60	10	Other, 15W	Install new 6" LED can retrofit kit	RET-V6OFCR-1-15-40K-F1060-SGC	-	No Action	15
258	DO-42	Building 2	District Office	Daycare 2	2	Incandescent, (1) 60W lamp	60	2	No Fixture Action	No Action	-	-	No Action	60
259	DO-43	Building 2	District Office	Daycare 3	24	2x4 Troffer (2-lamp T8)	59	24	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
260	DO-44	Building 2	District Office	Daycare 3 Restroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
261	DO-45	Building 2	District Office	Electrical Room	1	4' Strip (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
262	DO-46	Building 2	District Office	Storage	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
263	DO-47	Building 2	District Office	Restroom	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
264	DO-48	Building 2	District Office	Daycare 4	40	2x4 Troffer (2-lamp T8)	59	40	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
265	DO-49	Building 3	District Office	Classroom 405	13	LED 2x4 Troffer 45W Luminaire	45	13	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
266	DO-50	Building 3	District Office	Classroom 401	13	LED 2x4 Troffer 45W Luminaire	45	13	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
267	DO-51	Building 3	District Office	Accessible Bathroom	2	LED Drum 10W Luminaire	10	2	No Fixture Action	No Action	-	-	No Action	10

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					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
268	DO-52	Building 3	District Office	Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
269	DO-52	Building 3	District Office	Bathroom Bugeyes	1	EXIT Incandescent, (2) 5W lamp	10	1	No Fixture Action	No Action	-	-	No Action	10
270	DO-53	Building 3	District Office	Classroom 406	14	LED 2x4 Troffer 45W Luminaire	45	14	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
271	DO-54	Building 3	District Office	Classroom 402	14	LED 2x4 Troffer 45W Luminaire	45	14	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
272	DO-55	Building 3	District Office	Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
273	DO-56	Building 3	District Office	Classroom 403	16	2x4 Troffer (2-lamp T8)	59	16	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
274	DO-56	Building 3	District Office	Classroom 403 Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
275	DO-57	Building 3	District Office	Classroom 404	16	2x4 Troffer (2-lamp T8)	59	16	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
276	DO-57	Building 3	District Office	Classroom 404 Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
277	DO-58	Building 3	District Office	Boys Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
278	DO-59	Building 3	District Office	Janitor/Storage	1	8' Strip (4-lamp T8)	112	1	LED Strip Retrofit 4', 34W	Retrofit existing 8' strip fixtures with 4-bar LED kit.	4Bar 1 Driver-34W - 4 ft	-	Wall Switch Sensor	34
279	DO-60	Building 3	District Office	Mechanical	1	4' Strip (2-lamp T8)	75	1	LED Strip Retrofit 4', 22W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
280	DO-61	Building 3	District Office	Girls Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
281	DO-62	Building 4	District Office	Back Hallway	6	2x2 Troffer (3-lamp T8)	45	6	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
282	DO-62	Building 4	District Office	Back Hallway	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
283	DO-63	Building 4	District Office	After School Room	4	2x2 Troffer (3-lamp T8)	45	4	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
284	DO-63	Building 4	District Office	After School Room	7	2x4 Troffer (3-lamp T8)	85	7	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
285	DO-63	Building 4	District Office	After School Room	5	Compact Fluorescent, (2) 32W lamp	68	5	Other, 15W	Install new 6" LED can retrofit kit	RET-V6OFCR-1-15-40K-F1060-SGC	-	Power Pack	15
286	DO-63	Building 4	District Office	After School Room	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
287	DO-63A	Building 4	District Office	Mechanical Room	1	4' Strip (2-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
288	DO-64	Building 4	District Office	Restroom 1	1	2x2 Troffer (3-lamp T8)	45	1	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	No Action	30
289	DO-65	Building 4	District Office	Restroom 2	1	2x2 Troffer (3-lamp T8)	45	1	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	No Action	30
290	DO-66	Building 4	District Office	Hallway	1	2x2 Troffer (3-lamp T8)	45	1	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Wall Switch Sensor	30
291	DO-66	Building 4	District Office	Hallway	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
292	DO-67	Building 4	District Office	Reception	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
293	DO-67	Building 4	District Office	Reception	6	Compact Fluorescent, (2) 32W lamp	68	6	Other, 15W	Install new 6" LED can retrofit kit	RET-V6OFCR-1-15-40K-F1060-SGC	-	Power Pack	15
294	DO-67	Building 4	District Office	Reception	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
295	DO-68	Building 4	District Office	Teacher Work Area/Copy Room	4	2x2 Troffer (3-lamp T8)	45	4	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
296	DO-69	Building 4	District Office	Office	1	2x4 Troffer (3-lamp T8)	85	1	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
297	DO-70	Building 4	District Office	Office	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
298	DO-71	Building 4	District Office	Conference Room	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
299	DO-72	Building 4	District Office	Library	1	2x4 Troffer (3-lamp T8)	85	1	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
300	DO-73	Building 4	District Office	Kindergarten	3	2x2 Troffer (3-lamp T8)	45	3	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
301	DO-74	Building 4	District Office	Kindergarten	6	2x4 Troffer (3-lamp T8)	85	6	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Power Pack	30

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
302	DO-74	Building 4	District Office	Kindergarten	6	Compact Fluorescent, (2) 32W lamp	68	6	Other, 15W	Install new 6" LED can retrofit kit	RET-V6OFCR-1-15-40K-F1060-SGC	-	Wired Relay Switch	15
303	DO-75	Building 4	District Office	Laundry	1	2x4 Troffer (3-lamp T8)	85	1	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Wall Switch Sensor	30
304	DO-76	Building 5	District Office	Daycare	12	LED 2x4 Troffer 45W Luminaire	45	12	No Fixture Action	No Action	-	-	No Action	45
305	DO-77	Building 5	District Office	Daycare	15	LED 2x4 Troffer 45W Luminaire	45	15	No Fixture Action	No Action	-	-	No Action	45
306	DO-78	Building 5	District Office	Daycare	12	LED 2x4 Troffer 45W Luminaire	45	12	No Fixture Action	No Action	-	-	No Action	45
307	DO-79	Building 5	District Office	Daycare	12	LED 2x4 Troffer 45W Luminaire	45	12	No Fixture Action	No Action	-	-	No Action	45
308	DO-80	Building 5	District Office	Daycare	3	LED 2x4 Troffer 45W Luminaire	45	3	No Fixture Action	No Action	-	-	No Action	45
309	DO-81	Building 5	District Office	Daycare	1	LED 4' Wrap 45W Luminaire	45	1	No Fixture Action	No Action	-	-	No Action	45
310	DO-81	Building 5	District Office	Daycare	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
311	DO-82	Building 5	District Office	Restroom	1	LED 4' Wrap 45W Luminaire	45	1	No Fixture Action	No Action	-	-	No Action	45
312	DO-82	Building 5	District Office	Restroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
313	DO-83	Warehouse	District Office	Warehouse	20	8' Industrial Hood (4-lamp T8)	112	20	LED Strip 8', 72W	Install new LED 8' strip fixture	SER FR 96L K72W G120 40K DMV WH	-	Power Pack	72
314	DO-84	Warehouse	District Office	Warehouse Mezzanine	3	8' Industrial Hood (2-lamp T8)	59	3	LED Strip 8', 72W	Install new LED 8' strip fixture	SER FR 96L K72W G120 40K DMV WH	-	Power Pack	72
315	DO-85	Warehouse	District Office	Office 1	2	8' Surface Mount Wrap (4-lamp T8)	112	2	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPF96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
316	DO-86	Warehouse	District Office	Hallway	1	1x4 Troffer (2-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing 1x4 fixtures with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
317	DO-87	Warehouse	District Office	Restroom	1	4' Surface Mount Wrap (1-lamp T8)	32	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
318	DO-88	Warehouse	District Office	Restroom	1	4' Surface Mount Wrap (1-lamp T8)	32	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
319	DO-89	Warehouse	District Office	Office 2	2	8' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrofit 4', 34W	Retrofit existing 8' strip fixtures with 4-bar LED kit.	4Bar 1 Driver-34W - 4 ft	-	Bluetooth Fixture Controller (Pre-Installed)	34
320	DO-90	Warehouse	District Office	Office 3	2	8' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrofit 4', 34W	Retrofit existing 8' strip fixtures with 4-bar LED kit.	4Bar 1 Driver-34W - 4 ft	-	Bluetooth Fixture Controller (Pre-Installed)	34
321	DO-91	Building	District Office	Secondary Warehouse	6	8' Strip (4-lamp T8)	112	6	LED Strip 8', 72W	Install new LED 8' strip with line-voltage dimming	SER FR 96L K72W G120 40K G120 WH	-	Factory Installed Fixture Sensor	72
322	DO-91	Building	District Office	Secondary Warehouse BBU	4	8' Strip (4-lamp T8)	112	4	LED Strip 8', 72W	Install new LED 8' strip with line-voltage dimming	SER FR 96L K72W G120 40K G120 WH EM14	-	Tied to Action Above	72
323	DO-92	Building	District Office	Restroom	1	2x2 Troffer (2-lamp T8)	30	1	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 2 ft	-	Wall Switch Sensor	22
324	DO-93	Building	District Office	Storage	1	2x4 Troffer (3-lamp T8)	85	1	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	-	Wall Switch Sensor	28
325	DO-94	Building	District Office	Storage	2	2x4 Troffer (3-lamp T8)	85	2	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	-	Bluetooth Fixture Controller (Pre-Installed)	28
326	BE-EXT	Exterior	Bagby ES	CFL Wall Packs	21	Compact Fluorescent, (1) 42W lamp	45	21	LED Wallpack, 22W	Install new small LED wallpack	TWX1 ALO 40K MVOLT PE DDBXD	-	Factory Installed Fixture Sensor	22
327	BE-EXT	Exterior	Bagby ES	CFL Canopies	31	Compact Fluorescent, (2) 42W lamp	90	31	LED Canopy, 40W	Install new LED canopy fixture with 14" beauty plate	CPY-10L-40W5400L-DMV-40K	CNYBCP DDB	Field Installed Photocell	40
328	BE-EXT	Exterior	Bagby ES	CFL Floods, 1 head	12	Compact Fluorescent, (1) 32W lamp	34	12	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SSWW2 KY DDB	-	No Action	37
329	BE-EXT	Exterior	Bagby ES	High Pressure Sodium Area Light	4	400w High Pressure Sodium	465	4	LED Area Light, 100W	Install new LED area light	PMF 15L 100W14200L DMV 40K PC	-	Factory Installed Fixture Sensor	100
330	BE-EXT	Exterior	Bagby ES	1x1 CFL	9	Compact Fluorescent, (2) 42W lamp	90	9	LED Canopy, 40W	Install new LED canopy fixture with 14" beauty plate	CPY-10L-40W5400L-DMV-40K	CNYBCP DDB	Field Installed Photocell	40
331	BE-EXT	Exterior	Bagby ES	New Floods	0	Adding to this location	0	4	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SSWW2 KY DDB	-	No Action	37
332	BE-1	Building D	Bagby ES	Office/Lobby D1	2	8' Direct/Indirect (4-lamp T8)	112	2	LED Strip 8', 65W	Install new LED 8' Direct/Indirect Fixture	(1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	65
333	BE-1	Building D	Bagby ES	Office/Lobby D1	2	12' Direct/Indirect (6-lamp T8)	170	2	LED Strip 8', 97W	Install new LED 12' LED Direct/Indirect Fixture	(1) 45P SF 48L UR12WD24W MDV 40K SI HC302WH + (1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	97
334	BE-1	Building D	Bagby ES	Office/Lobby D1 Exit Signs	2	EXIT Incandescent, (1) 5W lamp	5	2	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
335	BE-2	Building D	Bagby ES	Health D5	3	2x4 Troffer (3-lamp T8)	85	3	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
336	BE-3	Building D	Bagby ES	Bathroom D6	1	2x4 Troffer (2-lamp T8)	59	1	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
337	BE-4	Building D	Bagby ES	Work Room D9	6	2x2 Troffer (3-lamp T8)	45	6	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
338	BE-4	Building D	Bagby ES	Work Room D9 Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
339	BE-5	Building D	Bagby ES	Bathroom D7	1	2x4 Troffer (3-lamp T8)	85	1	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
340	BE-6	Building D	Bagby ES	Office	2	8' Direct/Indirect (4-lamp T8)	112	2	LED Strip 8', 65W	Install new LED 8' Direct/Indirect Fixture	(1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	65
341	BE-7	Building D	Bagby ES	Office D3	2	8' Direct/Indirect (4-lamp T8)	112	2	LED Strip 8', 65W	Install new LED 8' Direct/Indirect Fixture	(1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	65
342	BE-8	Building D	Bagby ES	Work Room D4	2	2x2 Troffer (3-lamp T8)	45	2	LED 2x2 Retrofit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
343	BE-9	Building D	Bagby ES	Mechanical	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	Wall Switch Sensor	20
344	BE-10	Building D	Bagby ES	Closet	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	Wall Switch Sensor	20
345	BE-11	Building D	Bagby ES	Work Room D4	4	2x4 Troffer (3-lamp T8)	85	4	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
346	BE-11	Building D	Bagby ES	Work Room D4 Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
347	BE-12	Building D	Bagby ES	Kindergarten K1	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
348	BE-13	Building D	Bagby ES	Bathroom D12	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
349	BE-14	Building D	Bagby ES	Closet	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W100L30KWH	-	Wall Switch Sensor	12
350	BE-15	Building D	Bagby ES	Bathroom D11	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
351	BE-16	Building D	Bagby ES	Kindergarten K2	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
352	BE-16	Building D	Bagby ES	Kindergarten K2	3	Compact Fluorescent, (2) 42W lamp	90	3	Drum, 20W	Install new 14" LED surface mount fixture	JSFSQ 14IN 18LM 40K 90CRI MVOLT ZT WH	CNYBCP DDB	Power Pack	20
353	BE-17	Building E	Bagby ES	Classroom E11	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
354	BE-18	Building E	Bagby ES	Classroom E12	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
355	BE-19	Building E	Bagby ES	Classroom E13	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
356	BE-20	Building E	Bagby ES	Classroom E14	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
357	BE-21	Building E	Bagby ES	Classroom E15	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
358	BE-22	Building E	Bagby ES	Girls Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
359	BE-23	Building E	Bagby ES	Boys Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
360	BE-24	Building A	Bagby ES	Girls Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
361	BE-25	Building A	Bagby ES	Closet	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W100L30KWH	-	Wall Switch Sensor	12
362	BE-26	Building A	Bagby ES	Boys Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
363	BE-27	Building A	Bagby ES	Classroom A10	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
364	BE-28	Building A	Bagby ES	Classroom A9	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
365	BE-29	Building A	Bagby ES	Classroom A8	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
366	BE-30	Building A	Bagby ES	Classroom A7	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
367	BE-31	Building A	Bagby ES	Classroom A6	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
368	BE-32	Building A	Bagby ES	Boys Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	Wall Switch Sensor	20
369	BE-33	Building A	Bagby ES	Custodian	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
370	BE-34	Building B	Bagby ES	Classroom B5	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
371	BE-35	Building B	Bagby ES	Boiler	2	Compact Fluorescent, (2) 42W lamp	90	2	Drum, 20W	Install new 14" LED surface mount fixture	JSFSQ 14IN 18LM 40K 90CRI MVOLT ZT WH	CNYBCP DDB	Wall Switch Sensor	20
372	BE-36	Building B	Bagby ES	Girls Bathroom	2	Compact Fluorescent, (2) 42W lamp	90	2	Drum, 20W	Install new 14" LED surface mount fixture	JSFSQ 14IN 18LM 40K 90CRI MVOLT ZT WH	CNYBCP DDB	Wall Switch Sensor	20
373	BE-37	Building B	Bagby ES	Classroom B4	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
374	BE-38	Building B	Bagby ES	Classroom B3	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
375	BE-39	Building B	Bagby ES	Classroom B2	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
376	BE-40	Building B	Bagby ES	Classroom B1	8	2x4 Troffer (3-lamp T8)	85	8	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
377	BE-40	-	Bagby ES	Classroom RGB (Confirm in Field)	0	Adding to this location	0	4	LED Flood Light, 15W	Install new RGB flood fixture	HUE RGB Flood 915005731501	-	Philips Hue Dimming Switch	15
378	BE-41	Building B	Bagby ES	Mens Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wall Switch Sensor	20
379	BE-42	Building B	Bagby ES	Womens Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wall Switch Sensor	20
380	BE-43	Building B	Bagby ES	Storage	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wall Switch Sensor	20
381	BE-44	Building C	Bagby ES	Multiuse Room	20	2x4 Troffer (4-lamp T8)	112	20	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
382	BE-44	Building C	Bagby ES	Multiuse Theatrical Lights	4	Incandescent, (1) 60W lamp	60	4	1 Placeholder(s), 14W	Relamp existing theatrical light with RGB lamp	-	-	Philips Hue Dimming Switch	14
383	BE-44	Building C	Bagby ES	Multiuse Exit Signs	3	EXIT Incandescent, (1) 5W lamp	5	3	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
384	BE-45	Building C	Bagby ES	Platform	4	4' Surface Mount Wrap (4-lamp T8)	59	4	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
385	BE-45	Building C	Bagby ES	Platform Theatrical Lights	8	Incandescent, (1) 60W lamp	60	8	LED Flood Light, 15W	Install new RGB flood fixture	HUE RGB Flood 915005731501	-	Philips Hue Dimming Switch	15
386	BE-46	Building C	Bagby ES	Closet	1	Compact Fluorescent, (2) 42W lamp	90	1	LED Strip 8', 72W	Install new LED 2' strip fixture	SER FR 96L K72W G120 40K DMV WH	-	No Action	72
387	BE-47	Building C	Bagby ES	Stairs	1	Compact Fluorescent, (2) 42W lamp	90	1	LED Strip 8', 72W	Install new LED 2' strip fixture	SER FR 96L K72W G120 40K DMV WH	-	No Action	72
388	BE-47	Building C	Bagby ES	Stairs Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
389	BE-48	Building C	Bagby ES	Warming Kitchen	11	4' Surface Mount Wrap (4-lamp T8)	59	11	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
390	BE-49	Building C	Bagby ES	Locker Room	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W1000L30KWH	-	Wall Switch Sensor	12
391	BE-50	Building C	Bagby ES	Bathroom	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W1000L30KWH	-	Wall Switch Sensor	12
392	BE-51	Building C	Bagby ES	Garbage	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
393	BE-52A	Building C	Bagby ES	Food Storage	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W1000L30KWH	-	Wall Switch Sensor	12
394	BE-52	Building C	Bagby ES	Walk In Cooler	1	Compact Fluorescent, (1) 32W lamp	34	1	1 Placeholder(s), 20W	Relamp fixture with A19 LED	-	-	No Action	20
395	BE-53	Building C	Bagby ES	Mechanical	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W1000L30KWH	-	Wall Switch Sensor	12
396	BE-54	Building C	Bagby ES	Hall	1	4' Surface Mount Wrap (1-lamp T8)	32	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
397	BE-55	Building C	Bagby ES	Bathroom	1	4' Surface Mount Wrap (1-lamp T8)	32	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
398	BE-56	Building C	Bagby ES	Bathroom	1	4' Surface Mount Wrap (1-lamp T8)	32	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
399	BE-57	Building C	Bagby ES	Bathroom	1	4' Surface Mount Wrap (1-lamp T8)	32	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
400	BE-58	Building C	Bagby ES	Faculty Lounge	9	2x4 Troffer (3-lamp T8)	85	9	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Tied to Action Above	28
401	BE-59	Building C	Bagby ES	Work Room	1	2x4 Troffer (4-lamp T8)	112	1	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Wall Switch Sensor	28
402	BE-60	Building C	Bagby ES	Work Room	2	2x4 Troffer (4-lamp T8)	112	2	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Wired Relay Switch	28
403	BE-61	Building F	Bagby ES	Classroom F16	23	2x4 Troffer (2-lamp T8)	59	23	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
404	BE-62	Building F	Bagby ES	Classroom F17	24	2x4 Troffer (2-lamp T8)	59	24	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24
405	BE-63	Building F	Bagby ES	Classroom F18	23	2x4 Troffer (2-lamp T8)	59	23	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24
406	BE-64	Building F	Bagby ES	Classroom F19	32	2x4 Troffer (2-lamp T8)	59	32	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24
407	BE-65	Building F	Bagby ES	Work Room	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
408	BE-66	Building F	Bagby ES	Closet	1	4' Strip (2-lamp T8)	75	1	LED Strip Retrokit 4', 22W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
409	BE-67	Building F	Bagby ES	Girls Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
410	BE-67A	Building F	Bagby ES	Girls Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
411	BE-68	Building F	Bagby ES	Boys Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
412	BE-69	Building F	Bagby ES	Custodian	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W100L30KWH	-	Wall Switch Sensor	12
413	BE-70	Building F	Bagby ES	Storage	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wall Switch Sensor	20
414	BE-71	Building F	Bagby ES	Work Room	3	2x4 Troffer (2-lamp T8)	59	3	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Wall Switch Sensor	22
415	BE-71	Building F	Bagby ES	Work Room	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
416	BE-72	Building F	Bagby ES	Mens Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
417	BE-73	Building F	Bagby ES	Womens Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
418	BE-74	Building F	Bagby ES	Closet	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W100L30KWH	-	Wall Switch Sensor	12
419	BE-75	Building F	Bagby ES	Teachers Lounge	2	4x4 Surface Mount Fixture (4-lamp T8)	112	4	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Wired Relay Switch	22
420	BE-76	Building F	Bagby ES	Support	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W100L30KWH	-	Wall Switch Sensor	12
421	BE-77	Building F	Bagby ES	Classroom F20	23	2x4 Troffer (2-lamp T8)	59	23	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24
422	BE-78	Building F	Bagby ES	Library	36	2x4 Troffer (2-lamp T8)	59	36	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24
423	BE-78	Building F	Bagby ES	Library	0	Adding to this location	0	2	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24
424	BE-79	Building F	Bagby ES	Storage	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
425	BE-80	Building F	Bagby ES	Mechanical	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W100L30KWH	-	Wall Switch Sensor	12
426	BE-81	Building F	Bagby ES	Classroom F21	23	2x4 Troffer (2-lamp T8)	59	23	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24
427	BE-82	Building F	Bagby ES	Classroom F22	23	2x4 Troffer (2-lamp T8)	59	23	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24
428	BE-83	Building F	Bagby ES	Classroom F23	23	2x4 Troffer (2-lamp T8)	59	23	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24
429	BE-84	Building F	Bagby ES	Classroom F24	23	2x4 Troffer (2-lamp T8)	59	23	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Bluetooth Fixture Controller (Pre-Installed)	24
430	BE-85	Building F	Bagby ES	Work Room	14	2x4 Troffer (2-lamp T8)	59	14	LED Troffer 2x4, 24W	Install new 2x4 flat panel fixture in TBAR with seismic attachment	BFP 24L 50M5500L DMV MCT4	-	Wired Relay Switch	24
431	BE-86	Building F	Bagby ES	Storage	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
432	BE-87	Building F	Bagby ES	Mechanical	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W100L30KWH	-	Wall Switch Sensor	12
433	BE-88	Building F	Bagby ES	Classroom F26	23	2x4 Troffer (2-lamp T8)	59	23	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Wired Relay Switch	30
434	BE-89	Portables 2-6	Bagby ES	P-4	12	2x4 Troffer (4-lamp T12)	172	12	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
435	BE-90	Portables 2-6	Bagby ES	P-5	12	2x4 Troffer (4-lamp T12)	172	12	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
436	BE-91	Portables 2-6	Bagby ES	P-6	20	2x4 Troffer (4-lamp T8)	112	20	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
437	BE-92	Portables 2-6	Bagby ES	P-2 & P-3	24	2x4 Troffer (4-lamp T12)	172	24	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
438	SE-EXT	Exterior	Sartorette ES	CFL Wall Packs	30	Compact Fluorescent, (1) 42W lamp	45	30	LED Wallpack, 22W	Install new small LED wallpack	TWX1 ALO 40K MVOLT PE DDBXD	-	Factory Installed Fixture Sensor	22
439	SE-EXT	Exterior	Sartorette ES	CFL Floods, 1 head	5	Compact Fluorescent, (1) 32W lamp	34	5	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SSWW2 KY DDB	-	No Action	37
440	SE-EXT	Exterior	Sartorette ES	1x1 CFL	5	Compact Fluorescent, (2) 42W lamp	90	5	LED Canopy, 40W	Install new LED canopy fixture with 14" beauty plate	CPY-10L-40W5400L-DMV-40K	CNYBCP DDB	Field Installed Photocell	40
441	SE-EXT	Exterior	Sartorette ES	Metal Halide Floods	1	400w Metal Halide	458	1	LED Flood Light, 100W	Install new large LED flood	ESXF3 ALO SSWW2 YS DDB	-	No Action	100
442	SE-EXT	Exterior	Sartorette ES	LED Bugeyes	1	LED Bugeyes 5W Luminaire	5	1	No Fixture Action	No Action	-	-	No Action	5
443	SE-EXT	Exterior	Sartorette ES	Add Flood	0	Adding to this location	0	1	LED Flood Light, 100W	Install new large LED flood	ESXF3 ALO SSWW2 YS DDB	-	No Action	100
444	SE-1	Building D	Sartorette ES	Office/Lobby	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 65W	Install new LED 8' Direct/Indirect Fixture	(1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	65
445	SE-2	Building D	Sartorette ES	Hall	2	2x4 Troffer (2-lamp T8)	59	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
446	SE-3	Building D	Sartorette ES	Health	2	8' Direct/Indirect (4-lamp T8)	112	2	LED Strip 8', 65W	Install new LED 8' Direct/Indirect Fixture	(1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	65
447	SE-4	Building D	Sartorette ES	Health	1	2x4 Troffer (2-lamp T8)	59	1	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
448	SE-5	Building D	Sartorette ES	Principal	2	8' Direct/Indirect (4-lamp T8)	112	2	LED Strip 8', 65W	Install new LED 8' Direct/Indirect Fixture	(1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	65
449	SE-5	Building D	Sartorette ES	Principal	2	Compact Fluorescent, (1) 32W lamp	34	2	Other, 8W	Install new 5" LED can retrofit kit	5RLD G4 07LM 30K 90CRI 120 FRPC WWH M6	-	No Action	8
450	SE-6	Building D	Sartorette ES	Bathroom	1	2x4 Troffer (2-lamp T8)	59	1	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
451	SE-7	Building D	Sartorette ES	Conference Room	3	2x4 Troffer (3-lamp T8)	85	3	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
452	SE-8	Building D	Sartorette ES	Work Room	4	2x4 Troffer (3-lamp T8)	85	4	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
453	SE-8	Building D	Sartorette ES	Work Room Battery Backup	1	2x4 Troffer (3-lamp T8)	85	1	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
454	SE-9	Building D	Sartorette ES	Mechanical/Electrical	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPPFR48LY20WDMV40K	-	Wall Switch Sensor	20
455	SE-10	Building D	Sartorette ES	Kindergarten KA	8	8' Direct/Indirect (4-lamp T8)	112	8	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
456	SE-10	Building D	Sartorette ES	Kindergarten KA	4	8' Surface Mount Wrap (4-lamp T8)	112	4	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
457	SE-11	Building D	Sartorette ES	Bathroom D11	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPPFR48LY20WDMV40K	-	No Action	20
458	SE-12	Building D	Sartorette ES	Bathroom D10	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPPFR48LY20WDMV40K	-	No Action	20
459	SE-13	Building D	Sartorette ES	Kindergarten KB	8	8' Direct/Indirect (4-lamp T8)	112	8	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
460	SE-13	Building D	Sartorette ES	Kindergarten KB	4	8' Surface Mount Wrap (4-lamp T8)	112	4	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
461	SE-14	Building D	Sartorette ES	Classroom 1	3	8' Direct/Indirect (4-lamp T8)	112	3	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
462	SE-14	Building D	Sartorette ES	Classroom 1	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
463	SE-14	Building D	Sartorette ES	Classroom 1	3	8' Direct/Indirect (4-lamp T8)	112	3	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
464	SE-15	Building D	Sartorette ES	Classroom 2	3	8' Direct/Indirect (4-lamp T8)	112	3	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
465	SE-15	Building D	Sartorette ES	Classroom 2	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
466	SE-15	Building D	Sartorette ES	Classroom 2	3	8' Direct/Indirect (4-lamp T8)	112	3	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
467	SE-16	Building D	Sartorette ES	Classroom 3	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
468	SE-16	Building D	Sartorette ES	Classroom 3	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
469	SE-17	Building E	Sartorette ES	Boys Bathroom	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPPFR48LY20WDMV40K	-	No Action	20
470	SE-18	Building E	Sartorette ES	Custodian	1	Compact Fluorescent, (2) 32W lamp	68	1	Drum, 15W	Install new 11" LED surface mount fixture	IRCR11L18W1400L30KWH	-	Wall Switch Sensor	15
471	SE-19	Building E	Sartorette ES	Girls Bathroom	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPPFR96LY48WDMV40K	-	No Action	48

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
472	SE-20	Building E	Sartorette ES	Classroom 4	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
473	SE-20	Building E	Sartorette ES	Classroom 4	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
474	SE-21	Building E	Sartorette ES	Classroom 5	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
475	SE-21	Building E	Sartorette ES	Classroom 5	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
476	SE-22	Building C	Sartorette ES	Work Room 16A	4	1x4 Troffer (2-lamp T8)	85	4	LED Strip Retrofit 4', 22W	Retrofit existing 1x4 fixtures with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
477	SE-23	Building C	Sartorette ES	Work Room 16B	3	1x4 Troffer (2-lamp T8)	85	3	LED Strip Retrofit 4', 22W	Retrofit existing 1x4 fixtures with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
478	SE-24	Building C	Sartorette ES	Electrical/MDF	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	Wall Switch Sensor	20
479	SE-25	Building C	Sartorette ES	Classroom 6	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
480	SE-25	Building C	Sartorette ES	Classroom 6	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
481	SE-26	Building C	Sartorette ES	Classroom 7	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
482	SE-26	Building C	Sartorette ES	Classroom 7	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
483	SE-27	Building C	Sartorette ES	Classroom 8	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
484	SE-27	Building C	Sartorette ES	Classroom 8	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
485	SE-28	Building C	Sartorette ES	Classroom 9	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
486	SE-28	Building C	Sartorette ES	Classroom 9	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
487	SE-29	Building C	Sartorette ES	Boys Bathroom	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
488	SE-30	Building C	Sartorette ES	Girls Bathroom	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
489	SE-31	Building C	Sartorette ES	Closet	1	Compact Fluorescent, (2) 32W lamp	68	1	Drum, 15W	Install new 11" LED surface mount fixture	IRCR11L18W1400L30KWH	-	Wall Switch Sensor	15
490	SE-32	Building B	Sartorette ES	Library 10	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
491	SE-32	Building B	Sartorette ES	Library 10	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
492	SE-33	Building B	Sartorette ES	Library 11	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
493	SE-33	Building B	Sartorette ES	Library 11	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
494	SE-34	Building B	Sartorette ES	Classroom 12	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
495	SE-34	Building B	Sartorette ES	Classroom 12	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
496	SE-35	Building B	Sartorette ES	Classroom 13	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
497	SE-35	Building B	Sartorette ES	Classroom 13	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
498	SE-36	Building B	Sartorette ES	Classroom 14	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
499	SE-36	Building B	Sartorette ES	Classroom 14	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
500	SE-37	Building B	Sartorette ES	Classroom 15	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 64W	Install new LED 8' strip fixture	MAX3 FR 96L Q80W DMV 40K WH	-	Bluetooth Fixture Controller (Pre-Installed)	64
501	SE-37	Building B	Sartorette ES	Classroom 15	3	8' Surface Mount Wrap (4-lamp T8)	112	3	LED Wrap, 48W	Install new LED 4' wrap fixture	EWPFR96LY48WDMV40K	-	Bluetooth Fixture Controller (Pre-Installed)	48
502	-	-	Fammatre ES	Classroom RGB (Confirm in Field)	0	Adding to this location	0	4	LED Flood Light, 15W	Install new RGB flood fixture	HUE RGB Flood 915005731501	-	Philips Hue Dimming Switch	15
503	SE-38	Portables 1-8	Sartorette ES	Portable 1	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
504	SE-39	Portables 1-8	Sartorette ES	Portable 2	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
505	SE-40	Portables 1-8	Sartorette ES	Portable 3	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30

					Pre-Install (Baseline)			Post-Install (Proposed)						
Action #	Map Location #	Floor #	Building Name	Location Description	# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
506	SE-41	Portables 1-8	Sartorette ES	Portable 4	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
507	SE-42	Portables 1-8	Sartorette ES	Portable 5	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
508	SE-43	Portables 1-8	Sartorette ES	Portable 7	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
509	SE-44	Portables 1-8	Sartorette ES	Portable 8	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
510	SE-45	Building A	Sartorette ES	Multiuse Room	12	4x6 Surface Mount Fixture (6-lamp T8)	170	36	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
511	SE-45	Building A	Sartorette ES	Multiuse Room Theatrical Lights	2	Incandescent, (1) 60W lamp	60	2	1 Placeholder(s), 14W	Relamp existing theatrical light with RGB lamp	-	-	Philips Hue Dimming Switch	14
512	SE-45	Building A	Sartorette ES	Multiuse Room Exit Signs	3	EXIT Incandescent, (1) 5W lamp	5	3	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
513	SE-46	Building A	Sartorette ES	Platform	4	4' Surface Mount Wrap (4-lamp T8)	59	4	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
514	SE-46	Building A	Sartorette ES	Platform Theatrical Lights	9	Incandescent, (1) 60W lamp	60	9	LED Flood Light, 15W	Install new RGB flood fixture	HUE RGB Flood 915005731501	-	Philips Hue Dimming Switch	15
515	SE-46	Building A	Sartorette ES	Platform Exit Signs	2	EXIT Incandescent, (1) 5W lamp	5	2	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
516	SE-47	Building A	Sartorette ES	Stair Hall	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
517	SE-47	Building A	Sartorette ES	Stair Hall Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
518	SE-48	Building A	Sartorette ES	Hall	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
519	SE-48	Building A	Sartorette ES	Hall Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
520	SE-49	Building A	Sartorette ES	Warming Kitchen	7	4' Surface Mount Wrap (4-lamp T8)	59	7	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
521	SE-49A	Building A	Sartorette ES	Warming Kitchen	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Tied to Action Above	22
522	SE-50	Building A	Sartorette ES	Heater Room	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	No Action	12
523	SE-51	Building A	Sartorette ES	Electrical	1	250w High Pressure Sodium	295	1	No Fixture Action	No Action	-	-	No Action	295
524	SE-52	Building A	Sartorette ES	Cook's Locker	11	4' Surface Mount Wrap (4-lamp T8)	59	11	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22
525	SE-52A	Building A	Sartorette ES	Cook's Bathroom	1	Compact Fluorescent, (2) 42W lamp	90	1	Drum, 20W	Install new 14" LED surface mount fixture	JFSQ 14IN 18LM 40K 90CRI MVOLT ZT WH	CNYBCP DDB	Wall Switch Sensor	20
526	SE-53	Building A	Sartorette ES	Walk in Cooler	1	Compact Fluorescent, (1) 32W lamp	34	1	1 Placeholder(s), 20W	Relamp fixture with A19 LED	-	-	No Action	20
527	SE-54	Building A	Sartorette ES	Custodian	2	4' Strip (2-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
528	SE-55	Building A	Sartorette ES	Hall	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
529	SE-56	Building A	Sartorette ES	Bathroom A15	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
530	SE-56A	Building A	Sartorette ES	Bathroom A16	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
531	SE-57	Building A	Sartorette ES	Bathroom A17	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
532	SE-58	Building A	Sartorette ES	Faculty Lounge	6	2x4 Troffer (2-lamp T8)	59	6	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Wired Relay Switch	22
533	SE-59	Building A	Sartorette ES	Work Room A19	2	2x4 Troffer (2-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Wired Relay Switch	22
534	SE-60	Building A	Sartorette ES	Work Room A9	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Wired Relay Switch	22
535	SE-61	Building A	Sartorette ES	Mechanical	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	Wall Switch Sensor	12
536	FME-EXT	Exterior	Fammatre ES	CFL Wall Packs	8	Compact Fluorescent, (1) 42W lamp	45	8	LED Wallpack, 22W	Install new small LED wallpack	TWX1 ALO 40K MVOLT PE DDBXD	-	Factory Installed Fixture Sensor	22
537	FME-EXT	Exterior	Fammatre ES	CFL Eyelid Wall Packs	8	Compact Fluorescent, (1) 42W lamp	45	8	LED Wallpack, 20W	Install new round LED wallpack	OUTEYMW15W1200LD120BK40K	-	Factory Installed Fixture Sensor	20
538	FME-EXT	Exterior	Fammatre ES	LED Wall Packs	5	LED Wall Pack 50W Luminaire	50	5	No Fixture Action	No Action	-	-	No Action	50
539	FME-EXT	Exterior	Fammatre ES	Metal Halide Wall Packs	1	250w Metal Halide	295	1	LED Wallpack, 65W	Install new large LED wallpack	DC150L-65M1000L-DMV-MCT-PC	-	Factory Installed Fixture Sensor	65

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
540	FME-EXT	Exterior	Fammatre ES	Metal Halide Wall Packs	1	250w Metal Halide	295	1	LED Flood Light, 100W	Install new large LED flood	ESXF3 ALO SWW2 YS DDB	-	No Action	100
541	FME-EXT	Exterior	Fammatre ES	CFL Canopies	43	Compact Fluorescent, (1) 42W lamp	45	43	LED Canopy, 40W	Install new LED canopy fixture with 14" beauty plate	CPY-10L-40W5400L-DMV-40K	CNYBCP DDB	Field Installed Photocell	40
542	FME-EXT	Exterior	Fammatre ES	Metal Halide Floods	1	400w Metal Halide	458	1	LED Flood Light, 100W	Install new large LED flood	ESXF3 ALO SWW2 YS DDB	-	No Action	100
543	FME-EXT	Exterior	Fammatre ES	PAR Floods, 1 head	2	Incandescent, (1) 65W lamp	65	2	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SWW2 KY DDB	-	No Action	37
544	FME-1	Building 2	Fammatre ES	Office/Lobby	4	8' Direct/Indirect (4-lamp T8)	112	2	LED Strip 8', 129.5W	Install new LED 16' Direct/Indirect Fixture	(2) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	130
545	FME-1	Building 2	Fammatre ES	Office/Lobby	1	12' Direct/Indirect (6-lamp T8)	170	1	LED Strip 8', 97W	Install new LED 12' LED Direct/Indirect Fixture	(1) 45P SF 48L UR12WD24W MDV 40K SI HC302WH + (1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	Bluetooth Fixture Controller (Pre-Installed)	97
546	FME-1	Building 2	Fammatre ES	Office/Lobby	3	2x4 Troffer (3-lamp T8)	85	3	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
547	FME-1	Building 2	Fammatre ES	Office/Lobby Exit Signs	2	EXIT Incandescent, (1) 5W lamp	5	2	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
548	FME-2	Building 2	Fammatre ES	Mechanical/Storage	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wall Switch Sensor	20
549	FME-3	Building 2	Fammatre ES	Work Room	4	2x4 Troffer (3-lamp T8)	85	4	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
550	FME-3	Building 2	Fammatre ES	Work Room Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
551	FME-4	Building 2	Fammatre ES	Bathroom 2H	1	2x4 Troffer (3-lamp T8)	85	1	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
552	FME-5	Building 2	Fammatre ES	Conference Room	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
553	FME-6	Building 2	Fammatre ES	Principal	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
554	FME-7	Building 2	Fammatre ES	Health	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
555	FME-8	Building 2	Fammatre ES	Bathroom 2G	1	2x4 Troffer (3-lamp T8)	85	1	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
556	FME-9	Building 2	Fammatre ES	Kindergarten KA	19	2x4 Troffer (2-lamp T8)	59	19	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
557	FME-9	Building 2	Fammatre ES	Kindergarten KA Exit Signs	2	EXIT Incandescent, (2) 5W lamp	10	0	Remove	Remove	-	-	No Action	0
558	FME-10	Building 2	Fammatre ES	Girls Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
559	FME-11	Building 2	Fammatre ES	Closet	1	Compact Fluorescent, (2) 32W lamp	68	1	Drum, 15W	Install new 11" LED surface mount fixture	IRCR11L18W1400L30KWH	-	Wall Switch Sensor	15
560	FME-12	Building 2	Fammatre ES	Closet	1	Compact Fluorescent, (2) 32W lamp	68	1	Drum, 15W	Install new 11" LED surface mount fixture	IRCR11L18W1400L30KWH	-	Wall Switch Sensor	15
561	FME-13	Building 2	Fammatre ES	Accessible Kinder	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
562	FME-14	Building 2	Fammatre ES	Kindergarten KB	19	2x4 Troffer (2-lamp T8)	59	19	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
563	FME-14	Building 2	Fammatre ES	Kindergarten KB Exit Signs	2	EXIT Incandescent, (2) 5W lamp	10	0	Remove	Remove	-	-	No Action	0
564	FME-15	Building 2	Fammatre ES	Speech	4	2x4 Troffer (2-lamp T8)	59	4	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Wall Switch Sensor	22
565	FME-16	Building 2	Fammatre ES	Classroom	4	2x4 Troffer (2-lamp T8)	59	4	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
566	FME-17	Building 2	Fammatre ES	Custodian	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
567	FME-18	Building 2	Fammatre ES	Electrical	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
568	FME-19	Building 2	Fammatre ES	Mechanical	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	Wall Switch Sensor	12
569	FME-20	Building 3	Fammatre ES	Classroom 1	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
570	FME-21	Building 3	Fammatre ES	Classroom 2	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
571	FME-22	Building 3	Fammatre ES	Classroom 3	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
572	FME-23	Building 3	Fammatre ES	Classroom 4	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrofit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
573	FME-24	Building 3	Fammatre ES	Girls Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
574	FME-25	Building 3	Fammatre ES	Boys Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
575	FME-26	Building 4	Fammatre ES	Classroom 5	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
576	FME-27	Building 4	Fammatre ES	Classroom 6	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
577	FME-28	Building 4	Fammatre ES	Classroom 7	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
578	FME-29	Building 4	Fammatre ES	Classroom 8	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
579	FME-30	Building 5	Fammatre ES	Classroom 9	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
580	FME-31	Building 5	Fammatre ES	Classroom 10	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
581	FME-32	Building 5	Fammatre ES	Classroom 11	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
582	FME-33	Building 5	Fammatre ES	Classroom 12	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
583	FME-34	Building 5	Fammatre ES	Classroom 13	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
584	FME-35	Building 6	Fammatre ES	Girls Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
585	FME-36	Building 6	Fammatre ES	Boys Bathroom	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
586	FME-37	Building 6	Fammatre ES	Closet	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W100L30KWH	-	Wall Switch Sensor	12
587	FME-38	Building 6	Fammatre ES	Library	19	2x4 Troffer (2-lamp T8)	59	19	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
588	FME-39	Building 6	Fammatre ES	Classroom 15	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
589	FME-40	Building 6	Fammatre ES	Classroom 16	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
590	FME-41	Building 6	Fammatre ES	Classroom 17	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
591	FME-42	Building 6	Fammatre ES	Classroom 18	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
592	FME-43	Building 6	Fammatre ES	Classroom 19	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
593	FME-43	Building 6	Fammatre ES	Classroom 19	15	2x4 Troffer (2-lamp T8)	59	15	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.5" x 23.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
594	-	-	Fammatre ES	Classroom - RGB (Confirm Room in Field)	0	Adding to this location	0	4	LED Flood Light, 15W	Install new RGB flood fixture	HUE RGB Flood 915005731501	-	Philips Hue Dimming Switch	15
595	FME-44	Building 1	Fammatre ES	Multiuse Room	28	LED Drum 10W Luminaire	10	28	LED Troffer 2x2, 24W	Install new 2x2 flat panel fixture with surface mount frame	BFP 22L 40M5500L DMV MCT4	SHBFP2x2	Bluetooth Fixture Controller (Pre-Installed)	24
596	FME-44	Building 1	Fammatre ES	Multiuse Room	28	4' Strip (1-lamp T8)	32	28	LED Strip Retrokit 4', 22W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Power Pack	22
597	FME-44	Building 1	Fammatre ES	Multiuse Theatrical Lights	2	Incandescent, (1) 60W lamp	60	2	1 Placeholder(s), 14W	Relamp existing theatrical light with RGB lamp	-	-	Philips Hue Dimming Switch	14
598	FME-44	Building 1	Fammatre ES	Multiuse Exit Signs	4	EXIT Incandescent, (1) 5W lamp	5	4	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
599	FME-45	Building 1	Fammatre ES	Platform	8	2x4 Troffer (3-lamp T8)	85	8	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Wired Relay Switch	30
600	FME-45	Building 1	Fammatre ES	Platform Theatrical Lights	8	Incandescent, (1) 60W lamp	60	8	LED Flood Light, 15W	Install new RGB flood fixture	HUE RGB Flood 915005731501	-	Philips Hue Dimming Switch	15
601	FME-46	Building 1	Fammatre ES	Hall 1C	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	Wall Switch Sensor	20
602	FME-47	Building 1	Fammatre ES	Hall 1E	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	Wall Switch Sensor	20
603	FME-48	Building 1	Fammatre ES	Kitchen	6	8' Surface Mount Wrap (4-lamp T8)	112	12	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
604	FME-49	Building 1	Fammatre ES	Scullery	1	8' Surface Mount Wrap (4-lamp T8)	112	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
605	FME-50	Building 1	Fammatre ES	Walk In Cooler	1	Compact Fluorescent, (1) 32W lamp	34	1	1 Placeholder(s), 20W	Relamp fixture with A19 LED	-	-	No Action	20
606	FME-51	Building 1	Fammatre ES	Alcove	1	Compact Fluorescent, (2) 32W lamp	68	1	Drum, 15W	Install new 11" LED surface mount fixture	IRCR11L18W1400L30KWH	-	Wall Switch Sensor	15
607	FME-52	Building 1	Fammatre ES	Bathroom	1	Compact Fluorescent, (2) 32W lamp	68	1	Drum, 15W	Install new 11" LED surface mount fixture	IRCR11L18W1400L30KWH	-	Wall Switch Sensor	15

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
608	FME-53	Building 1	Fammatre ES	Mechanical	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
609	FME-54	Building 1	Fammatre ES	Water Heater	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	Wall Switch Sensor	12
610	FME-55	Building 1	Fammatre ES	Storage	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRCR7L16W1000L30KWH	-	Wall Switch Sensor	12
611	FME-56	Building 1	Fammatre ES	Hall 1P	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
612	FME-57	Building 1	Fammatre ES	Bathroom 1O	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
613	FME-58	Building 1	Fammatre ES	Bathroom 1N	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
614	FME-59	Building 1	Fammatre ES	DA Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
615	FME-60	Building 1	Fammatre ES	Faculty Lounge	4	2x4 Troffer (3-lamp T8)	85	4	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(2) 23.5" x 23.5" Lens	Wired Relay Switch	28
616	FME-61	Building 1	Fammatre ES	Work Room 1Q	2	2x4 Troffer (3-lamp T8)	85	2	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(2) 23.5" x 23.5" Lens	Wired Relay Switch	28
617	FME-62	Building 1	Fammatre ES	Work Room 1J	2	2x4 Troffer (3-lamp T8)	85	2	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(2) 23.5" x 23.5" Lens	Wired Relay Switch	28
618	FME-63	Portables	Fammatre ES	Kindergarten Classroom 1	11	2x4 Troffer (3-lamp T8)	85	11	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
619	FME-64	Portables	Fammatre ES	Kindergarten Classroom 1	1	2x2 Troffer (2-lamp T8)	59	1	LED 2x2 Retrokit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
620	FME-65	Portables	Fammatre ES	Kindergarten Classroom 2	11	2x4 Troffer (3-lamp T8)	85	11	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
621	FME-66	Portables	Fammatre ES	Kindergarten Classroom 2	1	2x2 Troffer (2-lamp T8)	59	1	LED 2x2 Retrokit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
622	FME-67	Portables	Fammatre ES	Kindergarten Classroom 3	11	2x4 Troffer (3-lamp T8)	85	11	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
623	FME-68	Portables	Fammatre ES	Kindergarten Classroom 3	1	2x2 Troffer (2-lamp T8)	59	1	LED 2x2 Retrokit, 30W	Install 2x2 LED Troffer door retrofit kit	RKG 22L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
624	FME-69	Portables	Fammatre ES	DSA #55899	8	2x4 Troffer (4-lamp T8)	112	8	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
625	FME-70	Portables	Fammatre ES	DSA #55899	8	2x4 Troffer (4-lamp T8)	112	8	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
626	FME-71	Portables	Fammatre ES	DSA #67559	8	2x4 Troffer (4-lamp T8)	112	8	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
627	FME-72	Portables	Fammatre ES	DSA #67559	8	2x4 Troffer (4-lamp T8)	112	8	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
628	FME-73	Portables	Fammatre ES	DSA #67559	8	2x4 Troffer (4-lamp T8)	112	8	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
629	FME-74	Portables	Fammatre ES	DSA #80154	9	2x4 Troffer (2-lamp T8)	59	9	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
630	FME-74	Portables	Fammatre ES	DSA #80154 Exit Signs	1	EXIT Incandescent, (2) 5W lamp	10	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
631	FME-75	Portables	Fammatre ES	DSA #80154	1	2x4 Troffer (2-lamp T8)	59	1	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
632	FME-76	Portables	Fammatre ES	DSA #80154	9	2x4 Troffer (2-lamp T8)	59	9	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
633	FME-76	Portables	Fammatre ES	DSA #80154 Exit Signs	1	EXIT Incandescent, (2) 5W lamp	10	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
634	FME-77	Portables	Fammatre ES	DSA #80154	1	2x4 Troffer (2-lamp T8)	59	1	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
635	FRE-EXT	Exterior	Farnham ES	CFL Wall Packs	37	Compact Fluorescent, (1) 42W lamp	45	37	LED Wallpack, 22W	Install new small LED wallpack	TWX1 ALO 40K MVOLT PE DDBXD	-	Factory Installed Fixture Sensor	22
636	FRE-EXT	Exterior	Farnham ES	1x1 CFL	6	Compact Fluorescent, (2) 42W lamp	90	6	LED Canopy, 40W	Install new LED canopy fixture with 14" beauty plate	CPY-10L-40W5400L-DMV-40K	CNYBCP DDB	Factory Installed Fixture Sensor	40
637	FRE-EXT	Exterior	Farnham ES	Flood, 2 heads	2	Incandescent, (1) 65W lamp	65	2	LED Flood Light, 37W	Install new small LED flood	ESXF2 ALO SSWW2 KY DDB	-	No Action	37
638	FRE-EXT	Exterior	Farnham ES	CFL Canopies	6	Compact Fluorescent, (2) 42W lamp	90	6	LED Canopy, 40W	Install new LED canopy fixture with 14" beauty plate	CPY-10L-40W5400L-DMV-40K	CNYBCP DDB	Field Installed Photocell	40
639	FRE-1	Building D	Farnham ES	Office/Lobby	6	8' Direct/Indirect (4-lamp T8)	112	6	LED Strip 8', 65W	Install new LED 8' Direct/Indirect Fixture	(1) 45P SF 96L UR12WD48W MDV 40K SI HC302WH	-	No Action	65
640	FRE-1	Building D	Farnham ES	Office/Lobby Exit Signs	2	EXIT Light Emitting Diode, (1) 3W lamp, Single Sided	3	2	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
641	FRE-2	Building D	Farnham ES	Hallway	4	2x4 Troffer (2-lamp T8)	59	4	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30

					Pre-Install (Baseline)			Post-Install (Proposed)						
Action #	Map Location #	Floor #	Building Name	Location Description	# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
642	FRE-3	Building D	Farnham ES	Conference Room	2	2x4 Troffer (2-lamp T8)	59	2	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
643	FRE-4	Building D	Farnham ES	Principal	2	8' Direct/Indirect (4-lamp T8)	112	2	LED Strip 8', 65W	Install new LED 8' Direct/Indirect Fixture	(1) 45P 5F 96L UR12WD48W MDV 40K SI HC302WH	-	No Action	65
644	FRE-4	Building D	Farnham ES	Principal	2	Compact Fluorescent, (1) 42W lamp	45	2	Other, 8W	Install new 5" LED can retrofit kit	5RLD G4 07LM 30K 90CRI 120 FRPC WWH M6	-	No Action	8
645	FRE-5	Building D	Farnham ES	Health	3	2x4 Troffer (2-lamp T8)	59	3	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
646	FRE-6	Building D	Farnham ES	Bathroom	1	2x4 Troffer (2-lamp T8)	59	1	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Wall Switch Sensor	30
647	FRE-7	Building D	Farnham ES	Bathroom	1	2x4 Troffer (2-lamp T8)	59	1	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Wall Switch Sensor	30
648	FRE-8	Building D	Farnham ES	Closet	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
649	FRE-9	Building D	Farnham ES	Work Room	6	2x4 Troffer (2-lamp T8)	59	6	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	No Action	30
650	FRE-10	Building D	Farnham ES	Mechanical	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W100L30KWH	-	Wall Switch Sensor	12
651	FRE-10	Building D	Farnham ES	Mechanical	1	Incandescent, (1) 60W lamp	60	1	Drum, 15W	Install new 11" LED surface mount fixture	IRC11L18W140L30KWH	-	Wall Switch Sensor	15
652	FRE-11	Building D	Farnham ES	Kindergarten KA	9	4x4 Surface Mount Fixture (4-lamp T8)	112	18	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
653	FRE-11	Building D	Farnham ES	Kindergarten KA	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
654	FRE-12	Building D	Farnham ES	Kindergarten KB	9	4x4 Surface Mount Fixture (4-lamp T8)	112	18	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
655	FRE-12	Building D	Farnham ES	Kindergarten KB	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
656	FRE-13	Building D	Farnham ES	Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wired Relay Switch	20
657	FRE-14	Building D	Farnham ES	Bathroom	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wired Relay Switch	20
658	FRE-15	Building D	Farnham ES	Classroom 1	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
659	FRE-15	Building D	Farnham ES	Classroom 1	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
660	FRE-16	Building D	Farnham ES	Classroom 2	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
661	FRE-16	Building D	Farnham ES	Classroom 2	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
662	FRE-17	Building D	Farnham ES	Classroom 3	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
663	FRE-17	Building D	Farnham ES	Classroom 3	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
664	FRE-18	Building E	Farnham ES	Boys Bathroom	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	No Action	20
665	FRE-19	Building E	Farnham ES	Girls Bathroom	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPF48LY20WDMV40K	-	Wall Switch Sensor	20
666	FRE-20	Building E	Farnham ES	Custodian	1	Compact Fluorescent, (1) 42W lamp	45	1	Drum, 20W	Install new 14" LED surface mount fixture	JFSQ 14IN 18LM 40K 90CRI MVOLT ZT WH	CNYBCP DDB	Wall Switch Sensor	20
667	FRE-21	Building E	Farnham ES	Classroom 4	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
668	FRE-21	Building E	Farnham ES	Classroom 4	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
669	FRE-22	Building E	Farnham ES	Classroom 5	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
670	FRE-22	Building E	Farnham ES	Classroom 5	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
671	FRE-23	Building E	Farnham ES	Library	24	2x4 Troffer (2-lamp T8)	59	24	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
672	FRE-23	Building E	Farnham ES	Library Exit Signs	2	EXIT Light Emitting Diode, (1) 3W lamp, Single Sided	3	2	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
673	FRE-24	Building E	Farnham ES	Library Back Room	2	2x4 Troffer (2-lamp T8)	59	2	LED 2x4 Retrokit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
674	FRE-25	Building B	Farnham ES	Work Room C	4	1x4 Troffer (2-lamp T8)	59	4	LED Strip Retrokit 4', 22W	Retrofit existing 1x4 fixtures with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
675	FRE-26	Building B	Farnham ES	Work Room D	2	1x4 Troffer (2-lamp T8)	59	2	LED Strip Retrokit 4', 22W	Retrofit existing 1x4 fixtures with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22

Action #	Map Location #	Floor #	Building Name	Location Description	Pre-Install (Baseline)			Post-Install (Proposed)						
					# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
676	FRE-27	Building B	Farnham ES	Electrical/MDF	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	Wall Switch Sensor	20
677	FRE-28	Building B	Farnham ES	Classroom 6	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
678	FRE-28	Building B	Farnham ES	Classroom 6	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
679	FRE-29	Building B	Farnham ES	Classroom 7	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
680	FRE-29	Building B	Farnham ES	Classroom 7	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
681	FRE-30	Building B	Farnham ES	Classroom 8	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
682	FRE-30	Building B	Farnham ES	Classroom 8	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
683	FRE-31	Building B	Farnham ES	Classroom 9	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
684	FRE-31	Building B	Farnham ES	Classroom 9	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
685	FRE-32	Building B	Farnham ES	Boys Bathroom	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
686	FRE-33	Building B	Farnham ES	Girls Bathroom	3	4' Surface Mount Wrap (4-lamp T8)	59	3	LED Wrap, 20W	Install new LED 4' wrap fixture	EWPFR48LY20WDMV40K	-	No Action	20
687	FRE-34	Building B	Farnham ES	Closet	1	Compact Fluorescent, (2) 42W lamp	90	1	Drum, 15W	Install new 11" LED surface mount fixture	IRC11L18W140L30KWH	-	Wall Switch Sensor	15
688	FRE-35	Building C	Farnham ES	Classroom 10	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
689	FRE-35	Building C	Farnham ES	Classroom 10	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
690	FRE-36	Building C	Farnham ES	Classroom 11	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
691	FRE-36	Building C	Farnham ES	Classroom 11	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
692	FRE-37	Building C	Farnham ES	Classroom 12	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
693	FRE-37	Building C	Farnham ES	Classroom 12	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
694	FRE-38	Building C	Farnham ES	Classroom 13	6	4x4 Surface Mount Fixture (4-lamp T8)	112	12	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
695	FRE-38	Building C	Farnham ES	Classroom 13	6	2x4 Troffer (2-lamp T8)	59	6	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
696	FRE-39	Building C	Farnham ES	Classroom 14	7	4x4 Surface Mount Fixture (4-lamp T8)	112	14	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
697	FRE-39	Building C	Farnham ES	Classroom 14	1	2x4 Troffer (2-lamp T8)	59	1	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
698	FRE-40	Building C	Farnham ES	Classroom 15	12	2x4 Troffer (3-lamp T8)	85	12	LED Strip Retrokit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(1) 22.5" x 46.5" Lens	Bluetooth Fixture Controller (Pre-Installed)	28
699	-	Building C	Farnham ES	Classroom - RGB (Confirm Room in Field)	0	Adding to this location	0	4	LED Flood Light, 15W	Install new RGB flood fixture	HUE RGB Flood 915005731501	-	Philips Hue Dimming Switch	15
700	FRE-41	Building A	Farnham ES	Multiuse Room	12	4x6 Surface Mount Fixture (6-lamp T8)	170	36	LED Strip Retrokit 4', 22W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-22W - 4 ft	(2) 23.75" x 23.75" Lens	Bluetooth Fixture Controller (Pre-Installed)	22
701	FRE-41	Building A	Farnham ES	Multiuse Room Exit Signs	3	EXIT Incandescent, (1) 5W lamp	5	3	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
702	FRE-41	Building A	Farnham ES	Multiuse Room Theatrical Lights	2	Incandescent, (1) 60W lamp	60	2	1 Placeholder(s), 14W	Relamp existing theatrical light with RGB lamp	-	-	Philips Hue Dimming Switch	14
703	FRE-42	Building A	Farnham ES	Platform	4	4' Surface Mount Wrap (4-lamp T8)	59	4	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
704	FRE-42	Building A	Farnham ES	Platform Theatrical Lights	9	Incandescent, (1) 60W lamp	60	9	LED Flood Light, 15W	Install new RGB flood fixture	HUE RGB Flood 915005731501	-	Philips Hue Dimming Switch	15
705	FRE-43	Building A	Farnham ES	Stair Hall	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
706	FRE-43	Building A	Farnham ES	Stair Hall Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
707	FRE-44	Building A	Farnham ES	Closet	2	4' Surface Mount Wrap (4-lamp T8)	59	2	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
708	FRE-44	Building A	Farnham ES	Closet Exit Signs	1	EXIT Incandescent, (1) 5W lamp	5	1	Exit Sign, 1W	Replace existing exit sign with high-output exit/battery backup combo	CLPU 2 G W RC	-	No Action	1
709	FRE-45	Building A	Farnham ES	Warming Kitchen	7	4' Surface Mount Wrap (4-lamp T8)	59	7	LED Strip Retrokit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wired Relay Switch	22

					Pre-Install (Baseline)			Post-Install (Proposed)						
Action #	Map Location #	Floor #	Building Name	Location Description	# of Baseline Fixtures	Existing Fixture Description	Pre Watts Per Fixture	Proposed # of Fixtures	Proposed Fixture Code	Proposed Action Description	Fixture Part Code	Proposed Fixture Description	Control Strategy	Proposed Watts per Fixture
710	FRE-46	Building A	Farnham ES	Warming Kitchen	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
711	FRE-47	Building A	Farnham ES	Cook's Locker	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	No Action	22
712	FRE-47	Building A	Farnham ES	Cook's Bathroom	1	Compact Fluorescent, (2) 42W lamp	90	1	Drum, 20W	Install new 14" LED surface mount fixture	JFSQ 14IN 18LM 40K 90CRI MVOLT ZT WH	CNYBCP DDB	Wall Switch Sensor	20
713	FRE-48	Building A	Farnham ES	Walk In Cooler	1	Compact Fluorescent, (1) 32W lamp	34	1	1 Placeholder(s), 20W	Relamp fixture with A19 LED	-	-	No Action	20
714	FRE-49	Building A	Farnham ES	Heater Room	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W100L30KWH	-	Wall Switch Sensor	12
715	FRE-50	Building A	Farnham ES	Electrical	1	250w High Pressure Sodium	295	1	No Fixture Action	No Action	-	-	No Action	295
716	FRE-51	Building A	Farnham ES	Work Room 2	1	2x4 Troffer (3-lamp T8)	85	1	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	(2) 23.5" x 23.5" Lens	Wired Relay Switch	28
717	FRE-52	Building A	Farnham ES	Faculty Lounge	6	2x4 Troffer (3-lamp T8)	85	6	LED Strip Retrofit 4', 28W	Retrofit existing 2x4 fixtures with 2-bar LED kit and new lens.	2Bar 1 Driver-28W - 4 ft	-	Wired Relay Switch	28
718	FRE-53	Building A	Farnham ES	Hall	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
719	FRE-54	Building A	Farnham ES	Bathroom A15	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
720	FRE-55	Building A	Farnham ES	Bathroom A16	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
721	FRE-56	Building A	Farnham ES	Bathroom A17	1	4' Surface Mount Wrap (4-lamp T8)	59	1	LED Strip Retrofit 4', 22W	Retrofit existing wrap fixture with 2-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
722	FRE-57	Building A	Farnham ES	Work Room	2	2x4 Troffer (3-lamp T8)	85	2	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Wired Relay Switch	30
723	FRE-58	Building A	Farnham ES	Mechanical	1	Compact Fluorescent, (1) 32W lamp	34	1	Drum, 12W	Install new 7" LED surface mount fixture	IRC7L16W100L30KWH	-	Wall Switch Sensor	12
724	FRE-59	Building A	Farnham ES	Custodian	2	4' Strip (2-lamp T8)	59	2	LED Strip Retrofit 4', 22W	Retrofit existing 4' strip fixtures with 4-bar LED kit.	2Bar 1 Driver-22W - 4 ft	-	Wall Switch Sensor	22
725	FRE-60	Portables	Farnham ES	Portable 1	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
726	FRE-61	Portables	Farnham ES	Portable 2	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
727	FRE-62	Portables	Farnham ES	Portable 3	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
728	FRE-63	Portables	Farnham ES	Portable 4	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
729	FRE-64	Portables	Farnham ES	Portable 5	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
730	FRE-65	Portables	Farnham ES	Portable 6	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
731	FRE-66	Portables	Farnham ES	Portable 7	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
732	FRE-67	Portables	Farnham ES	Portable 8	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
733	FRE-68	Portables	Farnham ES	Portable 9	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
734	FRE-69	Portables	Farnham ES	Portable 10	12	2x4 Troffer (4-lamp T8)	112	12	LED 2x4 Retrofit, 30W	Install 2x4 LED Troffer door retrofit kit	RKG 24L 30W DMV 40K	-	Bluetooth Fixture Controller (Pre-Installed)	30
					4,588				4,769					

Schedule 6

Scope of Work (SOW) - Building Breakout

Measure Description	IRRIGATION										
	Install Weather-based Web-enabled Irrigation Smart Controller, Wall Mounted (12-zone), Include Addtl 10-year Service	Install Weather-based Web-enabled Irrigation Smart Controller, Wall Mounted (24-zone), Include Addtl 10-year Service	Install Weather-based Web-enabled Irrigation Smart Controller, Wall Mounted (12-zone), Include Addtl 10-year Service	Install Weather-based Web-enabled Irrigation Smart Controller, Wall Mounted (24-zone), Include Addtl 10-year Service	Install Weather-based Web-enabled Irrigation Smart Controller, Wall Mounted (36-zone), Include Addtl 10-year Service	Install 1.5" PVC Flow Sensor and Master Control Valve	Install 2" PVC Flow Sensor and Master Control Valve	Install 3" PVC Flow Sensor and Master Control Valve	Install FlowLink for flow sensor and master control valve	Misc. trenching from controller to flowlink	Misc. trenching from controller to flowlink
Fixture Code	WTOXR-C-12-CWM-AX	WTOXR-C-24-CWM-AX	WTPRO3-C-12-CWM-AX	WTPRO3-C-24-CWM-AX	WTPRO3-C-36-CWM-AX	Irr-Flow-P-1.5"	Irr-Flow-P-2"	Irr-Flow-P-3"	Irr-FlowLink	Irr-Trenching-Landscape	Irr-Boring/Trenching-Hardscape
Specification	WeatherTrak WTOXR-C-12-CWM-AX	WeatherTrak WTOXR-C-24-CWM-AX	WeatherTrak WTPRO3-C-12-CWM-AX	WeatherTrak WTPRO3-C-24-CWM-AX	WeatherTrak WTPRO3-C-36-CWM-AX	WeatherTrak WTFLOWHD-P-150, WT-MV-3100150	WeatherTrak WTFLOWHD-P-200, WT-MV3100200	WeatherTrak WTFLOWHD-P-300, WT-MV3100300	WeatherTrak FlowLink XT	n/a	n/a
Site/Bldg Name											
Bagby Elementary	1	0	4	1	0	1	2	0	0	0	1120
Fammatre Elementary	1	0	2	0	0	1	1	0	0	390	0
Price Middle School	0	1	1	0	1	0	0	1	1	240	0
Farnham Elementary	1	1	1	0	0	0	1	1	2	480	0
Sartorette Elementary	0	0	1	1	0	0	2	0	1	270	0
Steindorf STEAM Magnet School	0	0	0	0	1	0	1	0	1	160	0
District Office	1	0	1	0	0	0	3	0	0	0	290
TOTALS	4	2	10	2	2	2	10	2	5	1540	1410

Schedule 7

Scope of Work (SOW) - Building Breakout

PLUMBING FIXTURES

Measure Description	Install 1.1 /1.6 gpf HET Wall Hung Toilet	Install 1.1 /1.6 gpf HET Floor Mount Floor Discharge Toilet	Install 1.1 /1.6 gpf HET Floor Mount Floor Discharge ADA Toilet	Install 1.1 /1.6 gpf HET Juvenile Toilet	Install 0.8/1.0 gpf HET Dual Flush Floor Mount Floor Discharge Elongated Tank Toilet	Elongated Open Front Seat	Install 1.28 gpf HET Sensor Toilet Valve w/ 9" vBt	Install 1.28 gpf HET Sensor Toilet Valve w/ 13" vBt	Add trap primer to valve installation	Raise toilet vBt length to 9" to meet code requirements in exposed application	Raise urinal vBt length to 9" to meet code requirements in exposed application	Install 4" Deck Plate for Faucet	Install 0.125 gpf HEU Retrofit Pint Urinal (21" to 24" Footprint)	Install 0.125 gpf HEU Small Pint Urinal (16" to 20" Footprint)	Install 0.5 gpf HEU Sensor Urinal Valve w/ C13 vBt	Install 0.125 gpf HEU Sensor Urinal Valve w/ C9 vBt	Install 0.125 gpf HEU Sensor Urinal Valve w/ C13 vBt	Install 0.5 gpm Tamperproof PCA Spray Flow Control for Existing Faucet w/ Thread Adapter	Install 1.0 gpm Tamperproof PCA Laminar Flow Control for Existing Faucet w/ Thread Adapter	Install 1.5 gpm Tamperproof PCA Laminar Flow Control for Existing Faucet w/ Thread Adapter	Install New Single Hole Brass Valve Single Temp Push Button Metering Lavatory Faucet with 0.5 gpm Tamperproof Flow Control	Install New 4" Centerset Brass Valve Push Button Metering Lavatory Faucet with 0.5 gpm Tamperproof Flow Control	Install New Single Hole Battery-operated Sensor Faucet with Use Temp Control and 0.5 gpm Tamperproof Flow Control	Install New Widespread 3-hole Gooseneck General Purpose Faucet with 1.0 gpm Tamperproof Flow Restrictor	Install 1.5 gpm Low-Flow Pressure-Compensating Handheld Showerheads	Install Showerhead Repair Kit on Existing Wallmount Shower	Install 0.6 gpm straight pre-rinse sprayer
Fixture Code	WHTC	FMFDTC	FMFATC	JUNTC	DFTT	EO	STV9-1.28	STV13-1.28	TP	Ex-TO vBt Compliance	Ex-UR vBt Compliance	FA-PLATE4	RPFUC	SPFUC	SUV-C13-0.5	SUV-C9-0.125	SUV-C13-0.125	SFC-0.5	LFC-1.0	LFC-1.5	MF1ST-0.5-Lav	MF4-0.5-Lav	SF1-0.5-Lav	FWS3GN-1.0-Kit	HHSH-1.5	SH-KIT-1.8	PRS-Straight
Specification	Kohler K-84325	Kohler K-96053	Kohler K-96057	Kohler K-96059	Caroma Sydney Smart III 305-102	Bemis 19555SCT	Sloan GEM-2 111-1.28 SF5M	Sloan GEM-2 113-1.28 SF5M	Sloan Trap Primer VBF-72-A	1" Chrome 90 & Nipple-3L	3/4" Chrome 90 & Nipple-3L	American Standard 775P.400	Kohler K-4991-ET	Kohler K-5452-ET	Sloan GEM-2 186-0.5-SF5M w/C15 vbt	Sloan GEM-2 186-0.125-SF5M	Sloan GEM-2 186-0.125-SF5M w/C15 vbt	Neoperl 40.7059.733	Neoperl 40.2158.733	Neoperl 40.2156.733	American Standard 1340107	American Standard 1340227.002	American Standard 7755305.002	Chicago 786-HGN2AE36-317AB / Neoperl 40.2158.733	Delta 59434-15-BG	Sloan SH-1017-A	Bricor Pre-Rinse 0.6
Site/Bldg Name																											
Bagby Elementary	12	3	2	1	3	21	17	1	0	1	0	11	0	9	0	9	0	9	38	0	0	5	11	1	0	0	0
Fammatre Elementary	10	0	0	1	3	14	13	3	0	3	0	4	0	7	0	7	0	12	33	0	0	4	4	0	0	0	0
Price Middle School	34	0	0	0	6	40	30	5	0	5	0	19	0	16	0	16	0	9	9	41	0	10	19	0	1	10	1
Farnham Elementary	10	0	3	0	6	19	10	3	0	3	0	5	0	7	0	7	0	9	28	0	0	4	5	0	0	0	0
Sartorette Elementary	9	0	0	1	4	14	11	0	0	0	0	5	0	7	0	7	0	7	20	0	0	4	5	0	0	0	0
Steindorf STEAM Magnet School	0	0	0	0	0	0	26	0	11	0	0	0	0	0	9	0	9	0	2	1	20	0	0	0	0	0	0
District Office	9	0	0	0	4	13	11	16	0	7	4	1	1	0	3	2	1	26	18	0	2	0	3	0	0	0	1
TOTALS	84	3	5	3	26	121	118	28	11	19	4	45	1	46	3	57	1	74	147	61	2	27	47	1	1	10	2