

GREENWICH PUBLIC SCHOOLS

EDUCATIONAL SPECIFICATIONS

January 16, 2025

Revised March 8, 2025

Riverside School

90 Hendrie Avenue
Riverside, CT 06878

PREPARED FOR:

Greenwich Board of Education
290 Greenwich Ave.
Greenwich, CT 06830

ARCHITECT:



271 Fairfield Avenue
Bridgeport, Connecticut 06604
www.antinozzi.com

EDUCATIONAL SPECIFICATIONS:



CONSTRUCTION
SOLUTIONS GROUP

Construction Solutions Group, LLC
34 Sequassen Street, Suite 201
Hartford, CT 06106
www.csgroup-llc.com

Project Overview

In August of 2024, Riverside School in Greenwich created a Feasibility Study Committee to meet and discuss the existing conditions at Riverside School, which was built in 1932 and had not had additional renovations done to the school since 1997. The building is presently inappropriately sized for the present-day needs of the school. The purpose of this non-voting advisory committee was to work with the Design Team, providing feedback in the development of these Educational Specifications and the supporting Conceptual Plans and Estimate, all of which will be presented to the Board of Education for review. The Board of Education needs to determine the impact of the existing conditions on the educational program currently in place with consideration for future enrollment and program needs.

Members of the Feasibility Committee included:

Dr. Toni Jones, Superintendent of Schools, Greenwich Public Schools
Ben Branyan, Chief Financial & Admin. Officer, Greenwich Public Schools
Sophie Koven, BOE, Greenwich Public Schools
Jason Martin, Principal, Riverside School
Mary Dolan Collette, Assistant Principal, Riverside School
Dan Watson, Facilities Director, Greenwich Public Schools
Lucia Jansen, Greenwich Board of Estimate & Taxation
Pam Kelly, Kindergarten Teacher, Riverside School
Kiesha Neitzell, 5th Grade Teacher, Riverside School
Alex Popp, 5th Grade Teacher, Riverside School
Jessica Punchatz, Music Teacher, Riverside School
Jessica Rosa, Student Support and Special Education, Riverside School
Lynn Sterner, Literacy Specialist, Riverside School
Jessica Wahlers, Teacher, Riverside School
Betsy McIntyre, PTA
Virginia Lockhart, PTA
Carey Bisbee, PTA
Fran DiFiore, Construction Solutions Group (Design Team – Educational Specifications)
Jim Giuliano, Construction Solutions Group (Design Team – Educational Specifications)
Rick Koczera, Construction Cost Estimates, LLC (Design Team – Cost Estimator)
Paul Lisi, AIA, Antinozzi Associates (Design Team – Architect)
Patti McKeon, NCIDQ, Antinozzi Associates (Design Team – Interior Designer)
Lisa Yates, Antinozzi Associates (Design Team – Architect)

These Educational Specifications were developed in collaboration with Superintendent Dr. Toni Jones, Principal Jason Martín, Assistant Principal Mary Dolan Collette, and Riverside School staff. The following individuals participated in specific program meetings to provide input for these educational specifications:

| | |
|---|---|
| Ann Donohue – Professional Assistant | Mary Victor – Speech and Language |
| Rocio Gonzalez Montes – Prof. Assistant | Christina Fazio – Special Education |
| Krista Larson – Professional Assistant | Jessica Rosa – Special Education |
| Laura Stasio – Professional Assistant | Valerie Saltz – Social Worker |
| Pat Morahan – Professional Assistant | Dana Ciafone – ALP - ELA |
| Kathryn Flynn – Nurse | Carrie Hancock – ALP – Math & Science |
| Sarra Roth – Art | Nicola Mann – Grade 3 |
| Jessica Punchatz – Music | Megan D’Andrea – Grade 3 |
| Frank Severo – Head Custodian | Freer Goodbody – Grade 3 |
| Michelle Mertz - IT | Zamara Lopez – Spanish |
| Ellen Gramlich – Media Assistant | Mary Anstey – Kindergarten |
| Flonnula Browning – Media Specialist | Pam Kelly – Kindergarten |
| Lisa Muscat – Grade 4 | Angela Romeo – Food Services |
| Michelle Crawford – Grade 4 | Zachary Lederman – Grade 5 |
| Bill Ronk– Grade 4 | Alex Popp – Grade 5 |
| Kristen Legio – Grade 4 | Catherine Deazle-Gunthrope – Math Interventionist |
| Dannielle DiAngelo – Admin. Assistant | Lynne Sterner – Reading Interventionist |
| Tina Yusi – Admin Assistant 2 | |
| Stacy Mozer – Grade 1 | |
| Ciara Cullen – Grade 1 | |
| Madeline Hand – Grade 1 | |
| Kim Sturman – Grade 1 | |
| Christina Fioiavinti – Grade 2 | |
| Jen Prieto – Grade 2 | |
| Jen Groeger – Grade 2 | |

Rationale for the Project

The Greenwich Project Stake Holders met in August of 2024 to discuss a process of moving forward to look at plans to renovate and expand Riverside School. This group made the decision along with Superintendent Dr. Jones to utilize a process in the planning and development of schools. The first stage, specific to this project, involves the development of Educational Specifications that build from the general planning informed by the Master Plan. Lessons learned in the development of the current Old Greenwich School project may benefit the planning process for Riverside. Additionally, New Lebanon School, completed in 2019, serves as a good model for the district's learning goals.

In September 2024, a Feasibility Study Committee was established to meet and discuss all the goals of the school and what they would like to see in the newly renovated building. The six meetings held between October 1 and December 3 provided the Feasibility Committee the opportunity to share the priorities that were given to them by different constituents in the school community as well as general discussions that occurred during these meetings. The Project Team was given the opportunity to interview teachers and key staff on October 28.

After presenting initial findings to the Committee and incorporating Committee feedback, the Educational Specifications were developed as a roadmap for the project, starting with ideal parameters and goals for the school. The Educational Specifications are complemented by a conceptual design and associated cost estimate which tempers the initial “blue sky” feedback with a realistic approach, aiming for a viable design in terms of construction feasibility and cost while still meeting major priorities and learning goals.

The Committee identified inadequacies and areas in need of improvement which are summarized below. These items have been prioritized in the development of the conceptual plans, scope and estimate which accompanies the Educational Specifications.

- Security and accessibility improvements are needed to bring the school in line with current standards. This is a high priority item.
- The existing Riverside facility is cramped, indicating an issue with capacity, also observed in previous studies. Projected enrollment for this study remains relatively high at 442 students.
- The cafeteria is small given the overall size of the school and enrollment, with a serving line and queuing arrangement that increases overall serving time well beyond lunch hours.
- Core classrooms fall below general standards, with many classrooms sized at or below 700 square feet, particularly on the second floor.
- The current facility lacks ample dedicated spaces of appropriate size and configuration for specialized instruction.
- Space is needed for high-quality hands-on learning outside of regular classroom spaces.
- Traffic flow should be improved, and parking maintained or expanded.

The Committee established that there are many aspects of the physical facility of the school building that need renovation to provide for the physical and safety needs of the students and

staff. However, it was agreed that the existing school, a two-story brick Georgian structure dating to 1932 with complementary additions from the 1950s and mid-1990s, is historic, and that required modernization should preserve its character. The intent of this committee is to transform Riverside School into a physically safe and comfortable environment where students can grow academically, socially and emotionally.

The overall scope of the project is defined by these Educational Specifications, the accompanying Space Program, and the complementary conceptual layout and cost estimate.

It is recommended that the facilities' base infrastructure be updated, including electrical, HVAC, and plumbing systems. A sprinkler system should be installed throughout for safety, as a Code compliance pathway for new work, and as required by Connecticut Statute if State funds are used for construction. Modest additions planned to accommodate the enrollment shall be in keeping with the existing architecture.

The interior of the building will be reconfigured as needed to provide adequate classroom sizes, along with specialized instruction spaces and student support areas arranged to support the school's learning goals. The existing front entrance will be upgraded for security and the adjacent administrative wing will be expanded. Interior work will retain "the bones" of the existing building to the greatest extent feasible by retaining the current locations major elements such as corridors, plumbing stacks and major spaces like the gymnasium. The exterior of the building and the school grounds will be restored and upgraded without significant changes to the overall appearance of historic portions of the facility.

Long Range Educational Plan

Modernizing Riverside School will enable the district to achieve long-range goals, such as:

- Ensure that the school can accommodate a 473-student enrollment capacity.
- Ensure a safe and secure environment for students and faculty to be able to focus on teaching and learning.
- Create a secure entryway, camera system and PA system with adequate functions for students with special needs.
- Provide new plumbing, heating, and cooling central systems to improve indoor air quality and allow the school to function year-round.
- Allow for space for all staff and educators to meet and collaborate.
- Improve the educational spaces with access to daylight, technology in existing classrooms, media and other classroom settings.
- Update the educational media center / learning commons with appropriate infrastructure for 21st century learning.
- Provide new electrical systems infrastructure to allow for technology in all instructional spaces.
- Install a new roof structure for the long term (20-year minimum), weather tight envelope as well the potential for PV, wind, and other energy conservation measures.

- Create spaces that facilitate and encourage cross-discipline learning. Provide faculty and staff with the physical space to implement programs to engage, prepare and inspire our students as well as support the Vision of the Greenwich Graduate.
- Integrate Equity, Social and Emotional Learning and Mastery across all curricular areas.
- Improve educational spaces to better support the implementation of new curriculum and a vibrant MTSS (Multi-Tiered System of Support) program in reading and math.
- Offer students the opportunity to explore vibrant and varied unified arts offerings: art, music, Spanish.

Mission and Vision

It is the Mission of the Greenwich Public Schools to educate all students to the highest levels of academic achievement, to enable them to reach and expand their potential and to prepare them to become productive, responsible, ethical, creative, and compassionate members of society.

The Board of Education approved a new Greenwich Public Schools Strategic Plan in the spring of 2023 and will continue the plan through 2027.

The Strategic Plan is organized in support of seven Goals:

- Mastery of Reading
- Mastery of Mathematics
- Mastery of Science
- Enhanced Graduation Rate
- Increase in Family and Community Engagement
- Increase in Student Sense of Belonging
- Increase in Positive Working Environment for Teachers and Staff

Riverside is committed to their school improvement plan which aligns with the mission of the district, driving outstanding leadership, scholarship, and a supportive environment for students, staff, and families.

Since 1933, Riverside School has served the children of the Riverside community, a neighborhood of Greenwich, Connecticut. The Vision of Riverside School has not wavered from developing high performing students in a safe and nurturing environment.

Riverside is one of the largest elementary schools within Greenwich Public Schools, and one of the highest performing. Teachers, students, and families are proud of the rich tradition of excellence, be it in mathematics, reading, science, or the arts. Riverside is committed to the development of the whole child, supporting each individual to reach their potential while fostering a collective vision of collaboration, kindness, academic excellence, and support for the social and emotional well-being of children.

Learning / Educational Activities

Academic Goals

Math

The Greenwich Public Schools Mathematics Program, *Big Ideas*, is aligned with the Connecticut Core Standards for Mathematics and is committed to providing all students with a high-quality, comprehensive and challenging program. The program provides consistent opportunities for students to develop the knowledge, skills and capacities necessary to be outstanding critical thinkers who learn to appreciate mathematics in the world around us. The guiding principle that drives the mathematics program is that every student will access a high-quality, comprehensive, and challenging program so that opportunities for acceleration are available to all.

Literacy

The goal for all Riverside learners is to become highly proficient in reading, writing, speaking, and listening so that they may grow into young people who are articulate and literate in every sense of the word.

Through the Science of Reading, all GPS students will successfully master literacy as they study other writers and thinkers, contemporary and historical, in order to develop their own abilities to read, write, speak, and think critically and globally.

Social Studies

Our mission is to instill a capacity for communication, empathy, and citizenship through critical thinking, reflection, and appreciation of diverse viewpoints. We aim to foster life-long learners, thinkers, collaborators and communicators. Through the program, all GPS students will successfully master Social Studies learning standards and will be able to effectively study and critically think about how people process and document human experience. The Social Studies Curriculum is aligned to the Connecticut Elementary and Secondary Social Studies Frameworks.

Physical Education

The goal of the Wellness and Physical Education Program in Greenwich Public Schools is to develop physically literate individuals who have the knowledge, skills and confidence to enjoy a lifetime of healthful physical activity.

Music

The purpose of music education is to prepare students for a lifetime of active, satisfying involvement with music in a variety of forms. Contemporary life is filled with musical encounters. Music education should empower students to create, refine and notate their own original music; read, interpret and perform music literature created by themselves and others; and respond with understanding to others' musical works and performances (CSDE- Learning Targets).

Art

The Arts at Riverside continue to drive the enjoyment of school and learning. It allows children to connect more deeply and open their eyes to new sights around them through color, texture, and design. Through Arts education, students are exposed to various forms of expression and mediums, from clay, painting, drawing, and fabric collages. Participation in the Arts, especially during the early years of life, has proven to support developing compassionate and creative contributing members of society.

Outdoor Learning Space

Including an outdoor learning space at Riverside will allow students the opportunity to continue learning in a space filled with fresh air and natural light. Creating this physical space outside of the school helps the students experience, explore and interact with the environment and each other in different ways than inside a classroom

Wellness

The social and emotional wellness of the students is important to consider in the renovation or design of the building. Areas of respite where students can go to be stress free should be established. Students should have the opportunity to be able to meet in small groups with staff and interact. These spaces can allow the students to release anxieties and express emotions in a worry-free environment. Students can then interact with other students in a controlled environment conducive to learning.

Instructional Design

The foundation of Riverside is to support students in their academic and social and emotional growth. At Riverside, students engage in an enriching curriculum that represents all content areas including literacy, mathematics, social studies, art, music, and physical education.

It is also the belief of Greenwich Public Schools that parents, teachers and children are partners in the learning process and serve as the foundation of the educational journey. Adequate space for the instructional program is integral to its success.

Enrollment Data and Proposed Project Capacity

The present enrollment at Riverside School is 442, and serves as our enrollment projection for Riverside School.

Project Scope Details & Building Systems

| <div>1.1</div> <div>BUILDING AREA</div> | <div>Existing and proposed building areas are as shown below. Refer to the Building Space Program for more information.</div> <table><tr><th>GSF*</th><th>NSF**</th><th>DESCRIPTION</th></tr><tr><td>42,505</td><td>40,660</td><td>EXISTING FIRST FLOOR</td></tr><tr><td>6,012</td><td>5,742</td><td>FIRST FLOOR ADDITION (CAF)</td></tr><tr><td>16,540</td><td>15,632</td><td>EXISTING SECOND FLOOR, OCCUPIED</td></tr><tr><td>1,642</td><td>1,418</td><td>EXISTING SECOND FLOOR ABOVE GYM***</td></tr><tr><td>6,012</td><td>5,742</td><td>SECOND FLOOR ADDITION</td></tr><tr><td>60,687</td><td>57,710</td><td>TOTAL EXISTING</td></tr><tr><td>12,024</td><td>11,484</td><td>TOTAL PROPOSED ADDITION</td></tr><tr><td>72,711</td><td>69,194</td><td>GRAND TOTAL</td></tr></table> <div><div>*GSF = Gross area measured outside walls, used for cost estimating</div><div>**NSF = Net area measured inside exterior walls, used for programming and State Grant Eligibility</div><div>*** Existing Area above Gym is disconnected from remainder of second floor and will not be accessible by elevator.</div></div> | GSF* | NSF** | DESCRIPTION | 42,505 | 40,660 | EXISTING FIRST FLOOR | 6,012 | 5,742 | FIRST FLOOR ADDITION (CAF) | 16,540 | 15,632 | EXISTING SECOND FLOOR, OCCUPIED | 1,642 | 1,418 | EXISTING SECOND FLOOR ABOVE GYM*** | 6,012 | 5,742 | SECOND FLOOR ADDITION | 60,687 | 57,710 | TOTAL EXISTING | 12,024 | 11,484 | TOTAL PROPOSED ADDITION | 72,711 | 69,194 | GRAND TOTAL |
|---|--|------------------------------------|-------|-------------|--------|--------|----------------------|-------|-------|----------------------------|--------|--------|---------------------------------|-------|-------|------------------------------------|-------|-------|-----------------------|--------|--------|----------------|--------|--------|-------------------------|--------|--------|-------------|
| GSF* | NSF** | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42,505 | 40,660 | EXISTING FIRST FLOOR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6,012 | 5,742 | FIRST FLOOR ADDITION (CAF) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16,540 | 15,632 | EXISTING SECOND FLOOR, OCCUPIED | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,642 | 1,418 | EXISTING SECOND FLOOR ABOVE GYM*** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6,012 | 5,742 | SECOND FLOOR ADDITION | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60,687 | 57,710 | TOTAL EXISTING | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12,024 | 11,484 | TOTAL PROPOSED ADDITION | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72,711 | 69,194 | GRAND TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>1.2</div> <div>Zoning</div> | <div><div>The site encompasses approximately 11.2 acres, bounded by Amtrak/Metro North rail to the south, Hendrie Avenue to the north and east, and Coventry Lane to the west.</div><div>Riverside School is located in Zone R-12, “Single Family Residence 12,000 square feet.” Per Greenwich Municipal Code §6-93(a)(2), “Streets, parks, playgrounds, public school grounds and Town buildings and uses” are permitted as a principal use in Zone R-12.</div><div>The proposed design appears to conform with requirements for open spaces and bulk requirements. It should be noted that the maximum permitted height to the highest point of the roof in Zone R-12 is 35 feet. The existing school’s cupola is 70-75 feet above grade, and the highest sloped roof peak is roughly 50 feet above grade; these are existing “grandfathered” conditions. While it is certainly possible to construct a two-story addition with pitched rooflines that do not exceed 35 feet above grade, it may be desirable to exceed this height to aesthetically complement the character of the existing building. It is anticipated that the project will be subject to review and approval by Planning & Zoning and the Architectural Review Board.</div></div> | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--|--|
| 1.3 Acoustics | <p>Per Connecticut State Building Code, for new construction the building must comply with ANSI A117.1 Section 808, "Enhanced Acoustics for Classrooms." Reverberation time will be limited in accordance with this standard, and wall partitions shall have STC ratings as needed to keep classroom ambient sound levels from sources outside the classroom to 35 dBA and 55 dBC. All wall partitions separating spaces shall extend to the deck above. All spaces are considered to have acoustic separation. Acoustical finishes and treatments will be used as needed throughout the school's interior.</p> |
| 2.1 HAZARDOUS MATERIALS ABATEMENT | <p>Hazardous material investigation is outside the scope of this study. It is assumed that hazardous materials such as encapsulated asbestos exist within portions of the building constructed in 1932 and in the 1950s additions for the Gymnasium and Media Center. An allowance should be carried for hazardous materials abatement.</p> |
| 2.2 SELECTIVE DEMOLITION & RENOVATED SPACES | <p>All discontinued and abandoned systems, including but not limited to HVAC, plumbing, and all types of high- and low-voltage wiring, shall be completely removed from renovated areas. All holes and previous penetrations shall be sealed. Wall partitions shall be extended to deck if needed for room separation. All areas of staining or indication of previous water damage shall be investigated and repaired. Cutting and patching shall be performed as required to maintain continuity of interior and exterior building elements and finishes.</p> |
| 3 CONCRETE | <p>New foundations consist of 16" thick reinforced concrete walls with 8" brick shelves below masonry walls. Apply 2" rigid foundation insulation at perimeter, 2'-0" horizontally & vertically. Underpinning and/or soil improvement measures may be required for work adjacent to the existing building, especially at the new elevator pit. Geotechnical investigation is outside the scope of this study.</p> <p>Interior slabs-on-grade at additions consist of 5-inch-thick concrete with topically applied penetrating colloidal silica concrete treatment, reinforced with WWF 6x6-W1.4xW1.4 placed over absorptive "blotter" layer over Class A vapor barrier, sawcut control joints each direction at approximately 20 feet.</p> <p>Trenching of existing slabs shall be kept to a minimum by use of existing tunnels and should be avoided at corridors with terrazzo finish. Assume repair of 15% of existing slabs.</p> <p>Provide (2) 4-feet by 4-feet radon collection pits below new concrete slabs.</p> |

| | |
|-------------------------------------|--|
| | Seal slab pipe penetrations and joints, typical. |
| 4 MASONRY | <p>Brick Veneer Cavity wall systems will be used at new exterior walls and shall consist of: Brick veneer w/ lateral reinforcing at 16-inches, horizontally & vertically; air space; 3-inch rigid cavity insulation; fluid-applied air infiltration barrier; 8-inch reinforced CMU back-up (painted). Provide Cast Stone sills and heads at punched openings.</p> <p>New interior walls in corridors, elevator, cafeteria and service areas shall be 8-inch CMU, painted.</p> <p>Existing steel lintels are delaminating due to rust; assume removal, inspection and repair/replacement at 50% of existing windows, including removal and replacement of 5 brick courses and stone keys at window heads. All lintels shall be scraped and repainted. Repoint and repair 10% of existing exterior brick masonry. All existing brick, stone and cast stone shall be cleaned.</p> |
| 5 METALS | <p>Assume 11 lbs/square foot for structural frames at additions. Provide new steel framing at existing low-slope roofs to support new rooftop equipment. Provide 1-1/2-inch-deep x 20 gage galvanized roof deck at new areas.</p> <p>New interior stair shall consist of miscellaneous steel channels, angles and tubular steel 2-inch concrete filled metal pans and risers; 1-1/2-inch square posts/top & bottom rails; 3/4-inch square pickets or 1-inch heavy-gauge steel mesh; 1-1/2-inch round steel handrails, both sides.</p> <p>Galvanized steel lintels shall be provided at new exterior wall openings.</p> |
| 6 WOOD & PLASTIC | <p>Fire-rated preservative-treated wood blocking will be used for roofing installation based on roof system requirements.</p> <p>Interior restoration areas, including the front entrance and select areas of existing wood casework shall be restored and reconfigured with standing and running trim, painted and/or stained to match existing.</p> <p>Custom wood veneer and plastic laminate casework with solid surfacing tops will be used at front office reception area and at media center circulation desk.</p> |
| 7 BUILDING ENVELOPE | <p>New portions of the building will be insulated in conformance with current Codes and Connecticut High-Performance Building Standards and shall be protected by a continuous layer of air and vapor barriers tied into the roof membrane and associated flashings. Existing portions of the building envelope will be upgraded as feasible; we anticipate the addition of insulation to the roof, but not at the existing masonry walls.</p> |

| | |
|-----------------------------|--|
| | <p>Low-slope roofing shall be replaced; new system will consist of: styrene-butadiene-styrene (SBS)-modified bituminous membrane roofing; 1/2" high density polyisocyanurate cover board (80 psi min. compressive strength); 6" rigid polyisocyanurate board insulation (R-36); self-adhering vapor barrier; and 5/8" Type X fiberglass faced exterior gypsum roof sheathing. Roof surface shall slope at 1/4-inch per foot minimum, with tapered insulation to be used at existing areas. Roof copings shall be prefinished .040 aluminum.</p> <p>Asphalt shingles roof system at existing high-slope roofing shall be replaced with architectural fiberglass shingles. Vapor barrier, 4-inch polyisocyanurate insulation and ice & water shield/roofing felt assembly shall be installed on top of existing roof decks, with height differences to be accommodated (without changing eaves and fascia) through rehabilitation and reconfiguration existing "Yankee" gutter system. Roof leaders will be replaced with heavy gage stainless steel tied into perimeter drain with cast iron boots. A new steep-slope roof system shall match except 6 inches of insulation over metal deck will be required.</p> <p>Roof systems require a minimum 20-year non-prorated, no dollar limit full roof system warranty.</p> |
| 8 OPENINGS | <p>Assumptions at new additions: Provide (8) 6-ft w x 8-ft h punched fixed storefront windows at cafeteria. Provide 2-ft square punched storefront windows at Kitchen (4) and at Stair (4). Provide (9) 6-ft square punched storefront at second floor classrooms. Provide exterior FRP double doors at Cafeteria and Stair. Provide overhead door and FRP single door at Receiving.</p> <p>It is recommended that all exterior windows be replaced, ideally with fixed glass storefront to maximize the efficiency of the new HVAC system, but double-hung windows may be considered if equipped with sensors to indicate open windows for the BMS system. New windows shall match the appearance of existing with a heavy horizontal mullion and simulated divided lites. Consider fixed, thermally broken aluminum frame storefront assemblies with 1-inch insulating glass. EFCO Corporation 2" x 4-1/2" Series 403 T, Thermal Storefront Framing system. Windows within 7 ft of ground shall be entry resistant (School Guard Glass SG4 or equivalent).</p> <p>It has been suggested that elimination of window replacement may be used as a cost-saving measure; note that this would diminish energy savings and that the existing windows at ground level are not entry-resistant.</p> <p>Most existing exterior doors are FRP and in good to fair condition. Assume card readers at five exterior entrance locations, and video intercoms at the front door and receiving entrances.</p> <p>Interior doors have large glass lites; these doors should be replaced for security, hardware compatibility, and for better matching with new doors.</p> |

| | |
|---------------------------|---|
| | Existing wood trim shall be left in place and refinished where feasible. Provide new single- and double-leaf wood flush doors, accessible hardware (typical function at classrooms = storeroom function) with painted HM frames in locations without wood trim and frames. Flush wood doors in areas other than service and toilet room areas will have a 3-inch-wide glass lite centered in the door with a security shade. |
| 9 FINISHES | <p>All ceilings will be replaced, and all exposed drywall and plaster will be painted/repainted. All flooring will be replaced, except existing terrazzo, the existing wood gym and stage flooring, and tile. Existing wood flooring will be refinished, and existing terrazzo will be polished. The tile wainscot in corridors will be disturbed by reconfiguration of doorways and services; it will be patched as required and covered with thinset wall tile.</p> <p>Finishes are further defined in the programmatic requirements for each space.</p> |
| 10 SPECIALTIES | <p>Toilet partitions will be graffiti resistant HDPE; partitions at existing multi-stall toilet rooms are relatively new and may remain. All new toilet rooms and all single-user toilet rooms shall receive new toilet accessories including mirrors, dispensers for soap, paper towels and toilet paper, and grab bars.</p> <p>Classroom spaces shall typically include two marker boards, a tack board, along with a tack strip/map rail assembly; refer to program requirements for individual spaces for more information. Existing display cases and tack boards throughout the building's common spaces shall be refurbished, with wood trim refinished and tackable surfaces replaced.</p> <p>Cubbies shall be fully-welded metal type with rounded corners; consider 30 cubbies within each classroom. It is possible that for second floor classrooms serving grades 3-5, metal lockers with doors will be placed in corridors instead of open cubbies within classrooms.</p> <p>New interior panel signs will be provided throughout the school for room identification.</p> |
| 11 EQUIPMENT | <p>Existing gymnasium equipment shall be removed and replaced; refer to programmatic requirements for Physical Education for equipment to be provided. Bleacher seating shall be manual type with seating for 100.</p> <p>The existing stage area shall be refurbished. New stage equipment will include:</p> <ul style="list-style-type: none"> - Flame retardant manual stage curtains and valance, draw-curtain tracks, and curtain rigging. - Stage rigging supporting fly system for 2-3 hoists with limited slip & counterweight mechanisms, two static electric arrays with LEDs, and |

| | |
|---------------------------------------|---|
| | <p>one static front-stage lighting rig with LED stage lighting. Lighting board.</p> <ul style="list-style-type: none"> - Passive speaker arrays fed into backstage power unit with 4 wireless receivers and handheld microphones. - Digital/programmable sound board with inputs for body mics for theatrical productions. - Projector and projector screen. The projector is mounted behind the screen if space permits. <p>Food service equipment shall be provided in the new Kitchen to allow for preparation and cooking of meals, including a double servery line, cooking equipment under an NFPA-compliant commercial hood, a dishwashing line, preparation and food storage spaces.</p> <p>Refer to site section (31-32) for playground equipment.</p> |
| 12 FURNISHINGS (FIXED) | <p>Plastic laminate casework with solid surfacing tops shall be provided in typical classrooms and as noted in program requirements for individual spaces. In some existing classrooms the existing wood casework may be refurbished, upgraded for ADA compliance and retained in lieu of new casework; note that we expect the cost of renovating existing casework to be similar to that for providing new.</p> <p>New roller shades shall be provided at all exterior window openings except at the high translucent windows in the Gymnasium. Shades shall be manual with 3% open fire-retardant shade cloth.</p> <p>This section pertains to fixed furnishing provided as part of construction. It is anticipated that loose furniture will be provided throughout, carried under the project's soft costs.</p> <p>Refer to site section (31-32) for exterior furnishings.</p> |
| 14 ELEVATOR | <p>New elevator: 3500 lb. capacity MRL traction elevator, stretcher compliant, single-sided, 2-stops. A new emergency two-way communication system is required on the second floor since it will now be ADA compliant.</p> <p>Provide platform lift at existing stage: 4-ft height.</p> |
| 21 SPRINKLERS | <p>The building will be equipped throughout with a sprinkler system in conformance with NFPA 13, 20 & 24. A fire pump with generator backup will be provided if existing water pressure is insufficient. A new 6-inch water service for domestic water and fire suppression is required to be brought in from the street.</p> <p>Note that any new unseparated building addition triggers Life Safety Code requirements for sprinklers throughout the facility. Additionally, because</p> |

| | |
|------------------------|--|
| | <p>sprinklers are such an important fire safety upgrade, adding them greatly simplifies Code requirements for other new work in the existing building.</p> <p>Sprinkler requirements per CT General Statutes: <i>§29-315. (Formerly Sec. 29-44c). Fire extinguishing system required for certain buildings. (2) When any building is (A) to be built as an educational occupancy, (B) eligible for a school building project grant pursuant to chapter 173, and (C) put out to bid on or after July 1, 2004, such building shall have an automatic fire extinguishing system approved by the State Fire Marshal on each floor. As used in this subsection, “educational occupancy” has the same meaning as provided in the Fire Safety Code.</i></p> |
| 22 PLUMBING | <p>Plumbing fixtures shall be low flow, energy efficient, and ADA compliant. Plumbing fixtures and valves in existing toilet rooms to remain shall be replaced. Each drinking fountain location will include at least one bottle filler. Grease waste from the kitchen shall be piped to a direct-buried grease interceptor outside the building. Waste leaving the grease interceptor shall be tied back into the sanitary pipe leaving the building. All floor drains shall be self-priming.</p> <p>The existing natural gas meter and feed will be relocated to the north to accommodate the cafeteria addition.</p> |
| 23 HVAC | <p>Connecticut High-Performance Building Standards, similar to LEED, will be followed. The design of the building envelope, HVAC, and lighting systems shall be reviewed with Eversource during design to allow the project to take advantage of potential rebates related to energy efficiency.</p> <p>A Building Management System (BMS) shall be installed to control the mechanical and selected electrical systems. BMS shall be by the Temperature Control vendor approved by the Owner. The system shall provide temperature control and monitoring for all HVAC systems in the building, shall be programmable for occupied and unoccupied periods, and shall use carbon dioxide sensing to control outside air volume. The BMS shall communicate directly to the district’s central system, with off-site alarming capability. Distech by Niagara, as sold by CTC, is the GPS standard, and sole sourcing is desired.</p> <p>The existing circa-2006 boilers, pumps, and ancillary systems shall be replaced with equipment sized to serve supplemental fin tube radiation at perimeter windows. Since insulation cannot easily be added to the existing building’s masonry walls, perimeter radiant heat in existing spaces is recommended.</p> <p>Existing water-sourced vertical heat pumps in the classrooms are served by an 80-ton cooling tower installed circa 2018; this system appears to be functional but is not complemented by adequate functional ventilation.</p> |

| | |
|--|---|
| | <p>DOAS units should be added at low-sloped roofs and within the existing attic to provide adequate ventilation.</p> <p>The vertical heat pumps may have some useful life remaining but are inconveniently placed and not conducive to reconfiguration of classrooms. We therefore recommend replacing them with a VRF system.</p> <p>The following parameters have been used for cost estimating purposes:</p> <ul style="list-style-type: none"> - RTU-Gym = 15 Tons - RTU-Cafeteria = 12.5 Tons - RTU-Media = 8 Tons - DOAS-1 (1st floor) = 8,000 cfm – DX Cooling, Energy recovery, either gas fired heat or hot water coil - DOAS-2 (2nd Floor) = 7,000 cfm - DX Cooling, Energy recovery, either gas fired heat or hot water coil <p>If the Cooling tower and water source heat pumps are removed in favor of VRF as recommended, consider:</p> <ul style="list-style-type: none"> - Four rooftop VRF condensing units at 22 Tons each. - Each classroom would get a ceiling mounted VRF unit. |
| <p>26 ELECTRICAL</p> | <p>The existing transformer and electrical service will be replaced with a 2000A 480V service to accommodate the new DOAS units and relocated to accommodate the cafeteria addition.</p> <p>The building electrical service shall be capable of meeting the needs of the building and site. Provide a backup generator if a fire pump is required. If a backup generator is not required nor provided, battery backup will be provided for emergency systems via inverters. If a generator is not provided, include an automatic transfer switch to allow key systems, such as heating for freeze protection, to function during an extended power outage with the use of a temporary generator (consider a 200KW natural gas generator).</p> <p>Lighting shall be high-efficiency LED, designed to promote an optimal learning environment, with ample low-glare illumination. Lighting shall use motion sensors and automatic dimming for daylight harvesting.</p> <p>The building appears to have an existing lightning protection system which should be expanded to cover the entire building.</p> <p>The building's electrical and structural systems can be designed to accommodate potential future rooftop photovoltaic (PV) solar panels, but this is unlikely. Since the rooflines are predominantly pitched, they would need to be used as a substrate for an effective PV system, so the panels would be highly visible, impacting the historic character of the building.</p> |

| | |
|--|--|
| 27.1 TECHNOLOGY | <p>Since technology systems evolve rapidly, systems installed as part of the technology component will be released after the main building to ensure access to the latest products. All technology will be reviewed with the Office of the Superintendent Cabinet level staff to determine if new should be provided or existing retained, depending on remaining useful life. Interactive displays will be provided as described in the programmatic requirements for individual spaces. A wide-area network (WAN) will be installed, and the building will be networked to the network policy server (NPS). Wireless Access Points (WAPs) will be installed throughout the entire school. The new School may serve as a WAP for the community.</p> <p>Ethernet shall be CAT6 or better, providing 1 GB to desktop and 10GB trunks to all interconnections to all the data closets. Drops in the ceiling for wireless APs should be installed for support of the wireless infrastructure. All assembly areas such as the Gym, MPR, and LMC shall have a minimum of three ceiling/wall mounted drops for wireless APs.</p> |
| 27.2 PUBLIC ADDRESS SYSTEM | <p>The building's public address system will be replaced. The new system will be comprehensive, and the infrastructure installed with the building. It will be completed as part of the technology component of the project and will incorporate internal building communications as well as external communications. Concurrently, the systems for the phones, clocks, and data/voice/video will be developed.</p> |
| 27.3 PHONE SYSTEM | <p>The VOIP system phone system will be expanded, and phones will be installed throughout the facility. All support and instructional spaces will be included.</p> |
| 27.4 CLOCKS | <p>A new wireless battery-operated clock system should replace the existing system, which is dated. All support and instructional spaces will be included.</p> |
| 28.1 ELECTRONIC SAFETY & SECURITY | <p>An electronic security system will be upgraded into a new functional space for the head end and will include expansion of the existing camera coverage and state-of-the-art entry security. The school will be designed to prevent access to most school instructional areas when community events take place during non-school hours. The project will be coordinated with District leadership security goals under the Direction of GPS Security Director Brent Reeves.</p> <p>The school must also comply with school safety infrastructure criteria as determined by the Connecticut School Building Projects Advisory Council. Per Connecticut General Statutes:</p> <p>§ 10-292r. School safety infrastructure criteria. (a) The School Building</p> |

| | |
|---|---|
| | <p><i>Projects Advisory Council, established pursuant to section 10-292q, shall periodically review and update, as necessary, school safety infrastructure criteria for school building projects awarded grants pursuant to this chapter and the school security infrastructure competitive grant program, pursuant to section 84 of public act 13-3*. <u>Such school safety infrastructure criteria shall conform to industry standards for school building safety infrastructure and shall address areas including, but not be limited to, (1) entryways to school buildings and classrooms, such as, reinforcement of entryways, ballistic glass, solid core doors, double door access, computer-controlled electronic locks, remote locks on all entrance and exits and buzzer systems, (2) the use of cameras throughout the school building and at all entrances and exits, including the use of closed-circuit television monitoring, (3) penetration resistant vestibules, and (4) other security infrastructure improvements and devices as they become industry standards.</u></i></p> |
| 28.2 FIRE ALARM SYSTEM | <p>The existing alarm system is older and has been modified to accommodate speakers. A new addressable, speaker-type fire alarm system is recommended, tied into the sprinkler system.</p> |
| 31-32 SITE | <p>The overall project design minimizes disturbance to the existing site and its mature plantings, but sitework is still required:</p> <ul style="list-style-type: none"> - Trenching and restoration will be required to bring utilities to the building. The sprinkler system will require a new water line from the street. Existing gas and electrical utilities will be relocated to enter the building north of the current location, allowing for placement of the new cafeteria addition. - Fill will be required near the southwest corner of the building to reduce slopes leading to the field area. - One of the ballfields will be relocated slightly to the west, requiring a new infield. The other ballfield should be restored due to the presence of standing water after rain events. It is recommended that drainage in the field area be analyzed further for potential improvements. The site is not in a wetland area, and it is anticipated that the addition of fill may help. - Rainwater detention is recommended under the parking area. - Vehicular paving shall be replaced and reconfigured as noted in the site plan. Provide new curbs. New concrete sidewalks will be provided in construction areas at new additions. - Two vehicular gates shall be added: one between the parking area and the drop-off loop, and one at the service drive to protect access to the adjacent playground. |

| | |
|--|---|
| | <ul style="list-style-type: none"> - There are three play areas with playground equipment on the site, all of which are relatively new. - Provide new full-cutoff site lighting within areas of site disturbance as required. - Provide new site furnishings (consider 6 benches, 4 trash receptacles and 2 bike racks). <p>All site improvements must be reviewed for compliance with Town of Greenwich Standards. All plantings must be reviewed with and approved by the Town of Greenwich P&R tree warden.</p> |
|--|---|

Interior Building Environment

The school design shall renovate and reconfigure the building's historically significant main entrance to function as the primary entry for all visitors. The entrance shall incorporate a vestibule with locking at the inner and outer doors, adjacent to the secure lobby of the administrative suite. The entry sequence shall include checkpoints at the outer vestibule door, at the connection between the vestibule and the secure lobby, and then from the lobby into the building. Doorways in corridors shall be positioned to maximize lock-off capability of academic areas for after-hours events in the building's more public areas.

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

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

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

The development of this educational specification points to a new four-section classroom model. Spaces beyond the classrooms are also diagrammed and summarized in the attached matrix for all educational spaces. “Ideal” area sizes were developed first; as the plan developed, more realistic “proposed” areas, tailored to the existing building and project scope, were incorporated. The attached Space Program matrix at the end of this document includes ideal, existing and proposed areas. The following is a general description of each space:

Academic Core Programs ideally approximately 26,250 sf (25,086 sf proposed)

4 – Four Kindergarten classrooms, each ideally approximately 1100 sf (proposed sizes vary)

Common to all Kindergarten classrooms:

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

20 - Academic Core Classrooms, each ideally approximately 850 sf (proposed sizes vary)

Common to all 1st – 5th Grade Classrooms:

- 1 teaching station per classroom: Teacher's desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 24 students in classrooms serving Grades 1, 2 and 3; space for 26 students in classrooms serving Grades 4 and 5.
- Countertop cabinets with a sink
- Bookcases on wheels
- Worktables for small group instruction
- Storage cubbies for student coats and materials
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic white boards and tack boards
- Luxury vinyl tile/rubber high density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse with auxiliary HDMI input

1 – Multi-Purpose Classroom, ideally approximately 1,200 sf (852 sf proposed)

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

1 – Math Intervention Classroom, ideally approximately 400 sf (308 sf proposed)

- 1 teaching station, Teacher's desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 5-10 students at a time
- Flexible seating
- Movable shelving for manipulatives
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic white boards and tack boards
- Luxury vinyl tile/rubber high density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- White boards and tack boards
- Wireless keyboard/mouse with auxiliary HDMI input

1 – Reading Intervention Classroom, ideally approximately 400 sf (315 sf proposed)

- 1 teaching station, Teacher's desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 5-10 students at a time
- Flexible seating
- Rolling bookshelves for reading libraries
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP) in each classroom
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic white boards and tack boards
- Luxury vinyl tile/rubber high density flooring and base and scrubbable painted walls with acoustic ceilings
- One (1) teacher computer, 22-inch display
- White boards and tack boards
- Wireless keyboard/mouse with auxiliary HDMI input

1 – FLES and Native Spanish Classroom, ideally approximately 800 sf (714 sf proposed)

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

1 – ESOL Classroom, ideally approximately 500 sf (419 sf proposed)

- Teacher's desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Portable sound voice system for ESOL teacher
- Flexible seating
- Space for 10-15 students
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP)
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic white boards and tack boards
- Luxury vinyl tile/rubber high density flooring and base and scrubbable painted walls with acoustic ceilings
- Parabolic LED lighting with variable light level switching or addressable

1 – ALP ELA Classroom, ideally approximately 800 sf (713 sf proposed)

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

1 – ALP Math & Science Classroom, ideally approximately 800 sf (746 sf proposed)

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

Special Education 4,050 sf (3,040 sf proposed)

3 – Special Education Resource Rooms, each ideally approximately 500 sf (proposed sizes vary)

- Comfortable chairs/desks/tables to accommodate 10-15 students (flexible/adaptable/easily movable workstations)
- Teacher desk/chair
- Bookshelves
- Built-in counters with shelving below
- Secured storage for materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP)
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Wall/ceiling mounted speakers
- Luxury vinyl enhanced tile or flooring that allows for easy movement of furniture
- Magnetic whiteboards (wall-to-wall) on front or side walls
- Bulletin boards lining the back wall
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse

1 – Speech and Language Room, ideally approximately 350 sf (244 sf proposed)

- Teacher's desk, chair, 4 drawer file cabinet, lockable storage/wardrobe cabinet, lockable
- Space for 5-10 students
- Cabinets for secured storage and project display/storage for learning materials
- Integrated modern technology with one-to-one devices, Wireless Access Point (WAP)
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic white boards and tack boards
- Luxury vinyl tile/rubber high density flooring and base and scrubbable painted walls with acoustic ceilings
- Parabolic LED lighting with variable light level switching or addressable.

1 - OT/PT Room – ideally approximately 800 sf (423 sf proposed)

- parabolic LED lighting with variable light level switching
- Luxury vinyl enhanced tile flooring
- Shelving for materials and supplies
- platform swing
- crash pads

1 – Sensory Room – ideally approximately 800 sf (430 sf proposed)

- Soft seating
- Flooring -padded or carpeted
- Bean bag chairs
- Bulletin board
- Lockable storage wardrobe
- Mobile sensory cart
- One (1) computer
- Table and counter space
- Bubble Tubes
- Tactile Wall Murals/Panels

1 – School Social Worker Office – ideally approximately 350 sf (308 sf proposed)

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

1 – School Psychologist Office – ideally approximately 250 sf (188 sf proposed)

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

Physical Education – ideally approximately 5,950 sf (5,559 sf proposed)

1 - Gymnasium – ideally approximately 5,500 sf (3,893 sf proposed)

- All-purpose wood floor system with essential markings
- Removable protective matting
- One high school competition main basketball court (50'x84') Two cross- courts as well)
- Basketball backboards to be adjustable and swing out/up for non-use.
- Set up for Volleyball with necessary inserts and markings
- Bleacher seating
- Ceiling mounted air destratification fans
- Sound system
- Ropes, nets and basketball hoops
- Padding on walls and floor for physical education programs
- Suspension equipment and/or storage rooms for pads
- Room dividing curtain/mesh to bisect the space for dual activities
- High output LED lighting for efficiency and color correction for multipurpose activities.
- Acoustic wall panels
- 1 Electronic scoreboard
- 1 Digital messaging board

1- P.E Office, ideally approximately 150 sf (158 sf proposed)

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

1 – PE Equipment Storage Room, ideally approximately 300 sf (266 sf proposed)

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

Food Services – ideally approximately 4,500 sf (4,542 sf proposed)

1 – Student Cafeteria – ideally approximately 2,500 sf (2,892 sf proposed)

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

- The room should accommodate risers with handicapped accessibility
- Space to seat approximately 160 students per lunch wave in 3 waves
- Lighting and sound systems to support the instructional use of the space
- State-of-the-art public technology including a Smart TV
- Acoustical treatment of wall and ceiling to support the use of the space
- Resilient tile flooring durable and washable, with slip resistant finish
- Provide windows with abundant natural light and create relationships to exterior
- Provide exterior dining
- Scrubbable painted or masonry walls for durability and high lay-in ceilings, durable and washable
- High out-put LED lighting for efficiency and color correction for dining and multipurpose activities
- Portable (fold in half on wheels) cafeteria round tables
- Convenience power for cleaning equipment and staff/visitor laptops
- Numerous WAP for LAN and internet use by staff, students, and visitors
- Several Monitors throughout space
- 4 Hand washing stations
- 2 microwave ovens for student use

1 - Staff Dining Area, ideally approximately 500 sf (420 sf proposed)

- Tables and chairs for up to fifteen (15) staff members
- Cabinets and countertop with sink
- Microwave oven
- Refrigerator
- Dedicated electrical circuits for refrigerator and microwave
- Interactive LED Panel (at least 75")
- Wall/ceiling mounted speakers
- Vinyl enhanced tile or flooring that allows for easy cleanup
- Magnetic whiteboards
- Bulletin boards

1 – Kitchen and Servery – ideally approximately 1,500sf ft (1,230 sf proposed)

Kitchen Equipment and Fixtures

Preparation Area

- One (1) double sink preparation table with one (1) standard faucet and one (1) pre-rinse faucet.

Cooking Equipment

- One (1) warmer.
- One (1) convection oven.
- One (1) convection steamer.
- One (1) 4-burner range.

Refrigeration and Freezer Units

- One (1) two-section freezer.
- One (1) three-section reach-in refrigerators.

Washing and Cleaning Stations

- One (1) employee hand wash sink.
- Three (3)-compartment sink assembly with drainboards (27" x 27" x 16") deep per compartment) and a pre-rinse spray assembly at one compartment.
- Dishwasher/tray station (evaluate the use of reusable trays).

Waste Management

- Recycling center for paper, liquids, etc.
- Exterior in-line grease trap for compliance with the FOG (Fats, Oils, and Grease) Program and ease of maintenance.

Utility and Safety Systems

- Utility Distribution System with quick disconnect devices for all services.
- Water conservation methods.
- High-efficiency Energy Star-certified equipment and lighting.
- Exhaust hoods with Demand Control Ventilation Package.
- Systems for temperature maintenance, water filtration, and sanitation to ensure food safety.
- Connection to an emergency generator for power failure backup.
- Integration with the building management system for temperature failure notifications.

Food Service and Servery Design

Food Stations:

- Hot and cold food stations (steam table).
- Deli station with a cold food well.
- Express stations for self-serve foods and dry display snacks.

Customer Flow and Convenience

- Strategically located cashier stations at the server exit.
- Mobile condiment stations at the server exit.

Staff and Administrative Spaces

Manager's Office:

- Approximately 100 sq. ft. office space with:
- Desk and chair.
- One (1) lockable teacher storage wardrobe.
- One (1) lockable four-drawer filing cabinet.

Other Facilities:

- Staff bathroom.
- Magnetic whiteboard.
- One (1) computer.

Arts and Music Programs – ideally approximately 5,000 sf (3,095 sf proposed)

Music spaces need to be designed for maximum sound attenuation

Coordinate chairs and music stands for performances across entire music department

1 – Orchestra Room, ideally approximately 1,200 sf (442 sf proposed)

- Fifty (50) performer chairs, possibly existing
- Fifty (50) music stands, possibly existing
- Three (3) Chair move and storage carts
- Three (3) Chair Move and Store Carts
- Built-in counters/cabinets with storage above and below
- Teacher's desk, chair, 4 drawer file cabinet, lockable, storage/wardrobe cabinet
- Incorporate new music technologies, WAP
- Electrical convenience power
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic white boards (one staff-lined) and tack boards
- One (1) teacher computer
- One (1) teacher desk
- Sink
- Appropriate sound management materials on walls and floor
- Resilient tile floor
- Acoustic ceilings and parabolic LED lighting with variable light level switching

1 – Band Room, ideally approximately 1,200 sf (438 sf proposed)

- Fifty (50) performer chairs, possibly existing
- Fifty (50) music stands, possibly existing
- Three (3) Chair move and storage carts
- Three (3) Chair Move and Store Carts
- Built-in counters/cabinets with storage above and below
- Teacher's desk, chair, 4 drawer file cabinet, lockable, storage/wardrobe cabinet
- Incorporate new music technologies, WAP
- Electrical convenience power
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic white boards (one staff-lined) and tack boards
- One (1) teacher computer
- One (1) teacher desk
- Sink
- Appropriate sound management materials on walls and floor
- Resilient tile floor
- Acoustic ceilings and parabolic LED lighting with variable light level switching

1 – Core Music / Chorus Room, ideally approximately 1,200 sf (1,084 sf proposed)

- Choral risers and associated move/storage carts
- Built-in counters/cabinets with storage above and below
- Teacher's desk, chair, 4 drawer file cabinet, lockable, storage/wardrobe cabinet
- Secure storage for music and technology
- Incorporate new music technologies, WAP
- Electrical convenience power
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Magnetic white boards (one staff-lined) and tack boards
- One (1) teacher computer
- One (1) teacher desk
- Appropriate sound management materials on walls and floor
- Resilient tile floor
- Acoustic ceilings and parabolic LED lighting with variable light level switching
- Built-in shelving to accommodate instruments

1 – Art Room/Kiln, ideally approximately 1,200 sf (1,131 sf proposed)

- Must have ample natural light
- Seven tables; Twenty-eight (28) chairs
- Teacher desk/chair
- 4 drawer file cabinet, lockable, storage/wardrobe cabinet
- Vertical storage with shelves and doors
- Built-in counter space with storage above and below
- Document Camera (current may be re-used if adequate at the time of replacement)
- Wall/ceiling mounted speakers
- Vinyl enhanced tile or flooring that allows for easy cleanup
- Walls should be functional workspaces and for displaying student work Multiple magnetic whiteboards (wall-to-wall) on front and side walls
- Bulletin boards lining the back wall
- One (1) teacher computer, 22-inch display
- Wireless keyboard/mouse
- Aux HDMI input
- Include ample storage space within the room
- 2- free standing deep utility sinks with sediment traps dispersed through the classroom
- Electrical convenience power throughout perimeter.
- Uninterrupted flat countertop space with bottom storage cabinets and open shelving including deep and wide drawer shelving with suspension hardware
- Touchscreen, Smartboard, or Overhead projection racks with screen, most current school technology on the teaching wall
- Integrated modern technology, WAP
- Large Kiln (current may be re-used if adequate at the time of replacement)
- Sturdy Rack style shelving for student projects
- Dedicated ventilation
- Electrical disconnect for Kiln
- Luxury vinyl enhanced tile or flooring
- Shelving should be wide and sturdy to support various art supplies

1 – Art Storage Closet, ideally approximately 200 sf (included in proposed Art Room)

- Built-in shelving to accommodate materials

Library/Media Center, ideally approximately 3,950 sf (3,016 sf proposed, including all spaces listed in this section)

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

1 – Media center/Stacks/Circulation, ideally approximately 2,500 sf

- The Circulation Center will be in the center of the Media Center and adjacent to the workroom and media specialist office
- Minimum of three WAP and some supplemental data jacks located throughout for student access to LAN and internet
- Flexible book shelving that can be reconfigured for a collection of 10,000 -15,000 volumes with open sight lines possible for optimum adult supervision
- Monitors throughout space.
- Rolling bookshelves for a limited collection of books
- Areas with comfortable seating
- Printer
- Bulletin Boards to display student work and promotional materials
- Two (2) staff computers for the circulation desk area
- Desk and chair
- 1 – 4-drawer lockable file cabinets
- Base and wall cabinet storage
- Bulletin board
- Lockable storage wardrobe
- Network copier and fax machine
- Luxury vinyl enhanced tile or flooring
- Cabinets with various shelving

1- Library Media Specialist Office, ideally approximately 150 sf

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

1- Storage, ideally approximately 200 sf

- Cabinets with various shelving
- Lockable Cabinets

1 – Innovation (Maker Space) ideally approximately 800 sf

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

1- Teacher Workroom, ideally approximately 300 sf

- Counters with cabinets below and shelving above,
- Luxury vinyl enhanced tile or flooring
- Whiteboard
- Copier
- Worktable
- Credenza

Administration and Office Support, ideally approximately 2,450 sf (2,300 sf proposed)

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

1 – Main Office: Reception, Secretarial Area, Storage area, ideally approximately 1,000 sf (944 sf + 175 sf Copy Room and 245 sf Supplemental Storage proposed)

- Two (2) Secretarial workstations behind main counter
- One (1) station for Head Monitor
- Security “panic” button with dedicated phone line
- Security workstation with access to security monitors and check-in; may require separate panic button depending on location
- Lockable storage wardrobes

- Two (2) lockable four-drawer filing cabinets
- Fire-rated student file storage
- Base and wall cabinet storage
- Network copier and fax machine
- Bulletin boards
- Luxury vinyl enhanced tile or flooring
- One (1) computer per secretary/clerk
- Electronic security system
- Reception area to have 6 comfortable chairs for visitors
- Bulletin boards
- Luxury vinyl enhanced tile or flooring

1 – Principal's Office, ideally approximately 200 sf (included in proposed Main Office)

- Desk and chair
- Table
- Seating for six (6)
- Lockable storage/wardrobe
- Lockable lateral files
- One (1) large wall unit bookcase
- Interactive LED Panel (32-50" display)
- Luxury vinyl enhanced tile
- Magnetic whiteboard
- Bulletin board
- One (1) computer
- Aux ports for plugging into display

1 – Assistant Principal's Office, ideally approximately 150 sf (included in proposed Main Office)

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

1 – Large Conference room, ideally approximately 300 sf (330 sf proposed)

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

1 – Health Suite including Nurse's Office, ideally approximately 800 sf (606 sf proposed)

- One (1) desk with chair
- One (1) computer
- Built-in counters with shelving below around perimeter of the room
- Multiple file cabinets (two (2) four-drawer; two (2) two-drawer
- two (2) double cabinets (full size)
- One (1) double cabinet (half-size)
- One (1) Double-locked medicine cabinet
- One (1) locking wall cabinet
- Large closet with shelving and doors
- Refrigerator
- Sink with hot and cold water, soap, and towel dispenser
- Microwave
- Scale
- 3 chairs
- Exam room
- Toilet
- Two (2) cots
- Privacy curtains
- One (1) wheelchair
- Eye-wash station
- Vinyl enhanced tile
- One (1) large bulletin board
- Centrally located adjacent to main office and counseling

Building Services and Core Area, ideally approximately 5,245 sf (5,662 sf proposed)

1 – Deliveries and Receiving, ideally approximately 300 sf (910 sf proposed)

1 – Custodial Office, ideally approximately 100 sf (included in proposed Deliveries and Receiving)

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

1 – Facilities Office, ideally approximately 100 sf (included in proposed Deliveries and Receiving)

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

1 – General Building Storage, ideally approximately 800 sf (988 sf proposed)

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

1 – Men's Public Toilet, ideally approximately 150 sf (185 sf proposed)

1 – Women's Public Toilet, ideally approximately 150 sf (181 sf proposed)

3 – Boy's Toilet Rooms, ideally approximately 200 sf

3 – Girl's Toilet Rooms, ideally approximately 200 sf

4- Staff Toilet Rooms, ideally approximately 75 sf

1 – All-inclusive Toilet Room, ideally approximately 75 sf

3 – Custodial Closets, ideally approximately 40 sf

1 – Mechanical and Water Service Room, ideally approximately 600 sf (663 sf proposed)

1 – Fire Sprinkler Room, ideally approximately 300 sf

1 – Main Electrical Room, ideally approximately 300 sf (313 sf proposed)

2 – Electrical Closets, ideally approximately 150 sf (388 sf proposed)

1 – MDF Rooms, ideally approximately 300 sf (284 sf proposed)

1 – IDF Rooms, ideally approximately 150 sf (71 sf proposed)

Site Development

The existing site layout separates bus traffic from parent drop-off and pick-up traffic. This layout is generally safe and effective but could be more efficient and intuitive to use. The bus queue is longer than needed, and the parent queue is shorter than optimal. Reconfiguration of the site will work to accommodate additions and improve the layout and efficiency of queueing without major disruption to historically significant site elements, such as mature trees and plantings. Additionally, new driveway arrangements shall accommodate a flush loading area for deliveries near the kitchen and back-of-house area.

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

The existing site features two natural grass ball fields. The field nearest the school will be shifted slightly to accommodate the proposed site design. The field further to the west will be refurbished as needed due to construction and to correct what appears to be slight ponding after heavy rains.

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

Sustainability

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

Community Uses

The school facility will be utilized by the community for a variety of purposes. There is presently a highly active PTA that provides many activities outside of the school day throughout the year. These activities take place in the evenings and on weekends and require the use of the gymnasium as well as other parts of the building. Also, additional community groups will continue to use the building for various community events.

Program Diagrams and Program Matrix

Refer to following pages.

SPACE PROGRAM MATRIX

Summary: Proposed Building Program

Projected Enrollment: 472

Riverside School

| Academic Core Programs | | | | | | | | |
|-----------------------------------|------|----------------------|--------------------------|-------------------|--------------------|-------------------|---------------|---|
| Spaces | Qty. | Ideal Room Area (SF) | Ideal Area Subtotal (SF) | Existing Quantity | Existing Area (SF) | Proposed Quantity | Proposed Area | Notes: |
| Kindergarten Classrooms | 4 | 1,100 | 4,400 | 3 | 2,992 | 4 | 3,754 | Restrooms (existing has restrooms - one is very small) |
| 1st Grade Classrooms | 4 | 850 | 3,400 | 5 | 4,381 | 4 | 3,515 | 3 existing classrooms have restrooms) |
| 2nd Grade Classrooms | 4 | 850 | 3,400 | 4 | 3,366 | 4 | 3,531 | 1 existing classroom has a restroom |
| 3rd Grade Classrooms | 4 | 850 | 3,400 | 3 | 2,143 | 4 | 3,354 | |
| 4th Grade Classrooms | 4 | 850 | 3,400 | 4 | 2,840 | 4 | 3,402 | |
| 5th Grade Classrooms | 4 | 850 | 3,400 | 4 | 2,862 | 4 | 3,463 | |
| Multi-Purpose Classroom | 1 | 1,200 | 1,200 | - | | 1 | 852 | |
| Math Intervention Classroom | 1 | 400 | 400 | - | | 1 | 308 | Existing is in three locations, all shared (with Reading, Band, OT) |
| Reading Intervention Classroom | 1 | 400 | 350 | 1 | 557 | 1 | 315 | Existing is shared w/ Math Intervention |
| FLES and Native Spanish Classroom | 1 | 800 | 800 | - | | 1 | 714 | Existing is shared w/ ESOL |
| ESOL Classroom | 1 | 500 | 500 | 1 | 666 | 1 | 419 | Existing is shared w/ Spanish |
| ALP ELA Classroom | 1 | 800 | 800 | 1 | 723 | 1 | 713 | |
| ALP Math & Science Classroom | 1 | 800 | 800 | 1 | 912 | 1 | 746 | |
| | | | | | | | | |
| Subtotal | 31 | | 26,250 | 27 | 21,442 | 31 | 25,086 | |

| Special Education and Student Support | | | | | | | | |
|---------------------------------------|----------|----------------------|--------------------------|-------------------|--------------------|-------------------|---------------|--|
| Spaces | Qty. | Ideal Room Area (SF) | Ideal Area Subtotal (SF) | Existing Quantity | Existing Area (SF) | Proposed Quantity | Proposed Area | Notes: |
| Special Education Resource Rooms | 3 | 500 | 1,500 | 3 | 1,053 | 3 | 1,447 | |
| Speech and Language Room | 1 | 350 | 350 | 1 | 205 | 1 | 244 | |
| OT/PT Room | 1 | 800 | 800 | 1 | 540 | 1 | 423 | Existing OT is shared w/ Math Intervention |
| Sensory Room | 1 | 800 | 800 | - | | 1 | 430 | |
| School Social Worker Office | 1 | 350 | 350 | 1 | 206 | 1 | 308 | |
| School Psychologist Office | 1 | 250 | 250 | 1 | 185 | 1 | 188 | |
| | | | | | | | | |
| Subtotal | 8 | | 4,050 | 7 | 2,189 | 8 | 3,040 | |

| Physical Education Programs | | | | | | | | |
|-----------------------------|----------|----------------------|--------------------------|-------------------|--------------------|-------------------|---------------|--|
| Spaces | Qty. | Ideal Room Area (SF) | Ideal Area Subtotal (SF) | Existing Quantity | Existing Area (SF) | Proposed Quantity | Proposed Area | Notes: |
| Gymnasium | 1 | 5,500 | 5,500 | 1 | 3,893 | 1 | 3,893 | |
| Stage | | | included | 1 | 1,242 | 1 | 1,242 | |
| Physical Education Office | 1 | 150 | 150 | 1 | 158 | 1 | 158 | Existing also has a 55 sf toilet room w/shower |
| PE Equipment Storage Room | 1 | 300 | 300 | 1 | 100 | 1 | 266 | |
| | | | | | | | | |
| Subtotal | 3 | | 5,950 | 4 | 5,393 | 4 | 5,559 | |

| Food Services | | | | | | | | |
|-------------------------------|-----------|----------------------|--------------------------|-------------------|--------------------|-------------------|---------------|--------|
| Spaces | Qty. | Ideal Room Area (SF) | Ideal Area Subtotal (SF) | Existing Quantity | Existing Area (SF) | Proposed Quantity | Proposed Area | Notes: |
| Student Dining Area/Cafeteria | 1 | 2,500 | 2,500 | 1 | 1,730 | 1 | 2,892 | |
| Staff Dining Area | 1 | 500 | 500 | 1 | 440 | 1 | 420 | |
| Kitchen | 1 | 1,500 | 1,500 | 1 | 647 | 1 | 1,230 | |
| Servery | 1 | Included | | 1 | | 1 | included | |
| Preparation Area | 1 | Included | | 1 | | 1 | included | |
| Cold Storage | 1 | Included | | | | 1 | included | |
| Dry Storage | 1 | Included | | 1 | | 1 | included | |
| Dishwashing Room | 1 | Included | | | | 1 | included | |
| Food Services Office | 1 | Included | | | | 1 | included | |
| Staff Toilet Room | 1 | Included | | | | 1 | included | |
| | | | | | | | | |
| Subtotal | 10 | | 4,500 | 6 | 2,817 | 10 | 4,542 | |

| Arts and Music Programs | | | | | | | | |
|-------------------------|----------|----------------------|--------------------------|-------------------|--------------------|-------------------|---------------|---|
| Spaces | Qty. | Ideal Room Area (SF) | Ideal Area Subtotal (SF) | Existing Quantity | Existing Area (SF) | Proposed Quantity | Proposed Area | Notes: |
| Orchestra Room | 1 | 1,200 | 1,200 | 1 | 512 | 1 | 442 | Proposed is adjacent to Band and Gym. |
| Band Room | 1 | 1,200 | 1,200 | 1 | 289 | 1 | 438 | Existing is shared w/ Math Intervention |
| Core Music / Chorus | 1 | 1,200 | 1,200 | 1 | 1,223 | 1 | 1,084 | Existing space is called Music and includes two storage closets |
| Art Room | 1 | 1,200 | 1,200 | 1 | 999 | 1 | 1,131 | |
| Art Storage | 1 | 200 | 200 | 2 | 114 | included | | |
| | | | | | | | | |
| Subtotal | 3 | | 5,000 | | 3,137 | 4 | 3,095 | |

| Library / Media Center | | | | | | | | |
|---------------------------------|------|----------------------|--------------------------|-------------------|--------------------|-------------------|---------------|--------|
| Spaces | Qty. | Ideal Room Area (SF) | Ideal Area Subtotal (SF) | Existing Quantity | Existing Area (SF) | Proposed Quantity | Proposed Area | Notes: |
| Media center/Stacks/Circulation | 1 | 2,500 | 2,500 | 1 | 2,332 | 1 | 3,016 | |
| Library/Media Specialist Office | 1 | 150 | 150 | - | | included | | |
| Workroom / Storage | 1 | 200 | 200 | - | | included | | |
| Innovation Maker Space | 1 | 800 | 800 | 1 | 396 | included | | |
| Teacher Workroom | 1 | 300 | 300 | 1 | 289 | included | | |
| Pantry | | | | 1 | 71 | | | |
| | | | | | | | | |
| Subtotal | 5 | | 3,950 | 4 | 3,088 | 1 | 3,016 | |

| Administrative & Support Spaces | | | | | | | | |
|---|------|----------------------|--------------------------|-------------------|--------------------|-------------------|---------------|---|
| Spaces | Qty. | Ideal Room Area (SF) | Ideal Area Subtotal (SF) | Existing Quantity | Existing Area (SF) | Proposed Quantity | Proposed Area | Notes: |
| Main Office: Reception, Secretarial Area, Storage | 1 | 1,000 | 1,000 | 1 | 379 | 1 | 944 | |
| Principal's Office | 1 | 200 | 200 | 1 | 120 | included | | Existing includes 20 sf toilet room. |
| Assistant Principal's Office | 1 | 150 | 150 | 1 | 127 | included | | |
| Large Conference Room | 1 | 300 | 300 | 1 | 193 | 1 | 330 | Existing is in attic space by former locker room, now storage |
| Health Suite | 1 | 800 | 800 | 1 | 240 | 1 | 606 | |
| Copy Room | | | | 1 | 442 | 1 | 175 | |
| Supplemental Storage | | | | | | 1 | 245 | |
| | | | | | | | | |
| Subtotal | 5 | | 2,450 | 6 | 1,501 | 5 | 2,300 | |

| Building Services and Core Area | | | | | | | | |
|---------------------------------|-----------|----------------------|--------------------------|-------------------|--------------------|-------------------|---------------|---|
| Spaces | Qty. | Ideal Room Area (SF) | Ideal Area Subtotal (SF) | Existing Quantity | Existing Area (SF) | Proposed Quantity | Proposed Area | Notes: |
| Deliveries and Receiving | 1 | 300 | 300 | - | | 1 | 910 | |
| Custodial Office | 1 | 100 | 100 | 1 | 244 | included | | |
| Facilities Office | 1 | 100 | 100 | - | | included | | Existing is with Custodial Office |
| General Building Storage | 1 | 800 | 800 | | 1,202 | 1 | 988 | Existing is one large space and 3 small closets |
| Men's Public Toilet Room | 1 | 150 | 150 | - | | 1 | 185 | |
| Women's Public Toilet Room | 1 | 150 | 150 | 1 | 181 | 1 | 181 | verify existing is not a Girls Room |
| Boy's Toilet Rooms | 3 | 200 | 600 | 2 | 532 | 2 | 562 | |
| Girl's Toilet Rooms | 3 | 200 | 600 | 2 | 468 | 2 | 574 | one of the existing |
| Staff Toilet Rooms | 4 | 75 | 300 | | | 4 | 301 | |
| All Inclusive Toilet Room | 1 | 75 | 75 | - | | 1 | 100 | Include in proposed cafeteria |
| Custodial Closets | 3 | 40 | 120 | 3 | 77 | 4 | 142 | No existing custodial closets on second floor. More need to be incorporated within existing area of proposed plans. |
| Mechanical & Water Service Room | 1 | 600 | 600 | 1 | 441 | 2 | 663 | |
| Fire Sprinkler Room | 1 | 300 | 300 | - | | included | | |
| Main Electrical Room | 1 | 300 | 300 | 1 | 219 | 5 | 313 | Existing used as a hallway - includes 34 sf fire alarm closet. |
| Electrical Closets | 2 | 150 | 300 | - | | 2 | 388 | |
| MDF Room | 1 | 300 | 300 | 1 | 34 | 1 | 284 | |
| IDF Room | 1 | 150 | 150 | - | | 1 | 71 | |
| | | | | | | | | |
| Subtotal | 27 | | 5,245 | 12 | 3,398 | 28 | 5,662 | |

| Circulation (Corridors, Stairs, Elevator) & Interior Walls | | | | | | | | |
|--|------|----------------------|--------------------------|-------------------|--------------------|-------------------|---------------|---|
| Spaces | Qty. | Ideal Room Area (SF) | Ideal Area Subtotal (SF) | Existing Quantity | Existing Area (SF) | Proposed Quantity | Proposed Area | Notes: |
| Circulation (Corridors, Stairs, Elevator) | | 0.267 | 15,324 | | 11,471 | | 13,544 | No existing elevator. Factor is based on existing building. |
| Interior Partitions & Chases | | 0.076 | 4,374 | | 3,274 | | 3,350 | |
| | | | | | | | | |
| Subtotal | | | 19,697 | - | 14,745 | | 16,894 | |

| Total Building Area | Ideal Area (SF) | Existing Area (SF) | Proposed Area (SF) |
|--|-----------------|--------------------|--------------------|
| Total Program Areas | 52,150 | 39,567 | 46,638 |
| Total Building Services and Core Area | 5,245 | 3,398 | 5,662 |
| Total Circulation (Corridors, Stairs, Elevator) & Interior Walls | 19,697 | 14,745 | 16,894 |
| Grand Total | 77,092 | 57,710 | 69,194 |

| | | | |
|---|---------|--------|--------|
| Maximum Eligible Area for New Building: | 59,661 | | |
| Maximum Eligible Area including all pre-1959 areas: | 70,217 | | |
| Potential Eligible Addition Size: | 12,507 | | |
| Addition Size: | 19,382 | - | 11,484 |
| Delta: | (6,875) | 12,507 | 1,023 |

42,965 Existing less circulation & interior walls
0.267 Circulation factor
0.076 Interior wall factor

| GSF* | NSF** | DESCRIPTION |
|--------|--------|------------------------------------|
| 42,505 | 40,660 | EXISTING FIRST FLOOR |
| 6,012 | 5,742 | FIRST FLOOR ADDITION (CAF) |
| 16,540 | 15,632 | EXISTING SECOND FLOOR, OCCUPIED |
| 1,642 | 1,418 | EXISTING SECOND FLOOR ABOVE GYM*** |
| 6,012 | 5,742 | SECOND FLOOR ADDITION |
| 60,687 | 57,710 | TOTAL EXISTING |
| 12,024 | 11,484 | TOTAL PROPOSED ADDITION |
| 72,711 | 69,194 | GRAND TOTAL |

*GSF = Gross area measured outside walls, used for cost estimating

**NSF = Net area measured inside exterior walls, used for programming and State Grant Eligibility

*** Existing Area above Gym is disconnected from remainder of second floor and will not be accessible by elevator.



Riverside School

Greenwich Public Schools

Conceptual Estimate

March 14, 2025

R3 - Pre-K not included

**ESTIMATE SUMMARY
BASIS OF ESTIMATE
ESTIMATE DETAIL
BUDGET CONTROL REPORT / ESTIMATE REVISIONS**



**CONSTRUCTION
COST ESTIMATES LLC**

Riverside School
Greenwich Public Schools
Conceptual Estimate

14-Mar-25



| CSI | | Riverside School | |
|---|---------------------------------|----------------------|------------------|
| Div | CSI Description | 72,711 GSF | \$ / GSF |
| 01 | PROJECT REQUIREMENTS | \$ 1,986,970 | \$ 27.33 |
| 02 | SELECTIVE & BUILDING DEMOLITION | \$ 573,180 | \$ 7.88 |
| 02 | HAZARDOUS MATERIAL ABATEMENT | \$ 303,435 | \$ 4.17 |
| 03 | CONCRETE | \$ 464,448 | \$ 6.39 |
| 04 | MASONRY | \$ 1,068,232 | \$ 14.69 |
| 05 | STRUCTURAL STEEL | \$ 515,973 | \$ 7.10 |
| 05 | MISCELLANEOUS METALS | \$ 253,391 | \$ 3.48 |
| 06 | ROUGH CARPENTRY | \$ 116,891 | \$ 1.61 |
| 06 | FINISH CARPENTRY | \$ 182,203 | \$ 2.51 |
| 07 | THERMAL AND MOISTURE PROTECTION | \$ 174,208 | \$ 2.40 |
| 07 | ROOFING | \$ 1,849,616 | \$ 25.44 |
| 08 | DOORS, FRAME & HARDWARE | \$ 333,395 | \$ 4.59 |
| 08 | WINDOWS & GLAZING | \$ 1,471,182 | \$ 20.23 |
| 09 | DRYWALL | \$ 269,940 | \$ 3.71 |
| 09 | CEILINGS | \$ 424,982 | \$ 5.84 |
| 09 | TILE | \$ 213,065 | \$ 2.93 |
| 09 | FLOORING | \$ 498,649 | \$ 6.86 |
| 09 | PAINTING | \$ 454,660 | \$ 6.25 |
| 10 | SPECIALITES | \$ 213,014 | \$ 2.93 |
| 11 | EQUIPMENT | \$ 963,060 | \$ 13.25 |
| 12 | FURNISHINGS | \$ 1,063,254 | \$ 14.62 |
| 14 | VERTICAL TRANSPORTATION | \$ 150,000 | \$ 2.06 |
| 21 | FIRE SURPPRESSION | \$ 532,515 | \$ 7.32 |
| 22 | PLUMBING | \$ 933,055 | \$ 12.83 |
| 23 | HVAC AND CONTROLS | \$ 5,027,509 | \$ 69.14 |
| 26 | ELECTRICAL | \$ 4,889,824 | \$ 67.25 |
| 31 | SITE PREPARATION & EARTHWORK | \$ 809,589 | \$ 11.13 |
| 32 | SITE IMPROVEMENTS | \$ 955,311 | \$ 13.14 |
| 33 | UTILITIES | \$ 406,580 | \$ 5.59 |
| TOTAL DIRECT TRADE COSTS | | \$ 27,098,131 | \$ 372.68 |
| Design & Estimating Contingency 10.00% | | \$ 2,709,813 | \$ 37.27 |
| State Code Ed Fund (Bldg Permit Fee Waived) 0.03% | | \$ 7,750 | \$ 0.11 |
| General Conditions Staffing LS | | \$ 1,644,102 | \$ 22.61 |
| Professional & GL Insurance 0.85% | | \$ 314,878 | \$ 4.33 |
| Construction Contingency 3.00% | | \$ 943,794 | \$ 12.98 |
| CM Fee 2.50% | | \$ 817,962 | \$ 11.25 |
| Payment & Performance Bond 0.75% | | \$ 277,834 | \$ 3.82 |
| Escalation 6% APR (Nov 2026 Start) 9.95% | | \$ 3,130,250 | \$ 43.05 |
| Preconstruction LS | | \$ 100,000 | \$ 1.38 |
| TOTAL MARKUPS AND GC STAFFING | | \$ 9,946,383 | \$ 136.79 |
| TOTAL CONSTRUCTION COST | | \$ 37,044,513 | \$ 509.48 |
| SOFT COSTS | | 17% | 6,374,538 |
| Environmental Consultant (Phase I & II) | | in above | |
| Architect Fees | | in above | |
| Project Management | | in above | |
| Commissioning | | in above | |
| Testing and Inspection | | in above | |
| Moving/Temporary Relocation for Phased Constuction in Occupied Building | | in above | |
| Builders Risk Insurance | | in above | |
| City/Town Legal Services | | in above | |
| Bond Council Fees | | in above | |
| Town Building Permit Fees | | Cost Waived | |
| Printing and Mailing | | in above | |
| Traffic Study (STC Approval) | | in above | |
| Pre Construction Fees | | in Construction Cost | |
| Furniture, Fixtures and Equipment | | in above | |
| Owner Contingency | | in above | |
| Plan Approval Fees | | in above | |
| Advertising / Legal Notices | | in above | |
| Bid Document Reproduction | | in above | |
| Threshold Peer Review | | in above | |
| Land Acquisition (Over Appraised) | | Not Applicable | |
| Environmental Monitoring | | in above | |
| State Permit Fees | | in Construction Cost | |
| Misc. Utility Charges (Eversource) | | in above | |
| TOTAL SOFT COST | | \$ 6,374,538 | \$ 87.67 |
| TOTAL PROJECT COST | | \$ 43,419,052 | \$ 597.15 |

PROJECT BUDGET \$48,000,000
BUDGET DELTA (\$4,580,948)



Riverside School Basis of Estimate

March 14, 2025

| # | Conceptual Estimate |
|----|--|
| 1 | Pricing is based on the 2025-03-03-Riverside-Drawings-NO PRE-K, Riverside Draft Space Program 2020-12-4 and Scope of work for Riverside Ed Specs - Greenwich 2025-03-08 prepared by Antinozzi Associates Architecture + Interiors |
| 2 | The cost estimate is based on the measurement of quantities wherever possible. |
| 3 | Where actual measurements are not used, parametric measurements are used in conjunction with previous but similar project benchmarks. |
| 4 | Construction Cost Estimates LLC uses a wide range of standard measurement and quantifying methods that are common practice in the construction industry today. |
| 5 | The construction costs shown in this estimate represent the fair market value and are not intended to be a prediction of the lowest bid. |
| 6 | The costs include: labor, material, equipment and the subcontractors overhead and profit. (Subcontractor's Mark Up) |
| 7 | The cost of labor is based on local Prevailing wage rates for all trades. |
| 8 | The construction rates used are based in today's dollar and an escalation allowance is included in the Estimate summary. |
| 9 | Our pricing assumes competitive bidding on all elements of the construction work, assuming a minimum of three competitive bidders for all general contractors, subcontractors, materials and vendors. |
| 10 | Estimate has included all costs to perform Occupied Renovation |
| 11 | This estimate includes multiple overlapping phases. Approximately 5-10 Classroom will rotate offline as construction moves through the building. |
| 12 | Proposal is based on construction being performed on regular hours, except what is required for noisy work and Building system tie-ins. |
| 13 | A Design & Pricing Contingency is used as a budgetary tool that allows for scope and detail not defined during the design stage . As the design becomes more defined as the project passes through the design stages, the Design & Pricing Contingency decreases as more scope and detail is now being shown in the documents and is therefore reflected in the cost estimate as actual trade cost. The Design & Pricing Contingency is reduced to zero at 100% Bid Documents. |
| 14 | The estimate is calculated using rates that are today's dollar and reflect the cost of the project as if it was to bid on the date of issue. Due to construction projects having long design phases and long construction schedules, its is imperative to project the construction cost further ahead into the future to the point at which it is bid out. It is common practice to escalate the cost estimate to the mid point of construction to accommodate for economic inflation. The escalation percentage accounts for this increase. |
| 15 | A Construction Contingency is carried for unforeseen project conditions and field changes . It is typically in the range of 3% to 7.5% dependent on the scope of the project. |
| 16 | CT Sales Tax are excluded - Project is Exempt |
| 17 | Unsuitable soils remediation is not included - Assumes existing soils are approved for re-use |
| 18 | Hazardous, Contaminated or Polluted soils - Assumes a clean site |
| 19 | Temp Water, Power and Fuel Consumption is assumed to be by the Owner |
| 20 | Soft Costs Included - Allowance of 17% of Construction Costs |
| | |
| | |
| | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|--------|--------|-------------|-----------|--------------------|----------|---|
| 01 | PROJECT REQUIREMENTS | 72,711 | SF | | | \$ 1,986,970 | \$ 27.33 | |
| | Phasing and Logistics - Temporary Construction / Services | 1 | LS | \$1,500.00 | | \$ 1,500,000 | | |
| | Allowance for Phasing/Temporary Classrooms (Portable CRs, Interior Swing Space Fitout, Temporary Partitions and Systems) | | | | | | | |
| | Construction Project Requirements | | | | | | | |
| | Temporary Office Facilities | | | | | | | |
| | CM Office Trailer - Rental | 24 | MOs | 1200.00 | | \$ 28,822 | | |
| | CM Office Trailer - Setup/Remove | 2 | EA | \$1,500.00 | | \$ 3,000 | | |
| | CM Temp Office in building - Fitout/Restore | | SF | \$50.00 | | N/A | | |
| | CM Office Furniture & Equipment | 1 | LS | \$1,000.00 | | \$ 1,000 | | |
| | CM Office Copier | 24 | MOs | \$350.00 | | \$ 8,406 | | |
| | CM Office Supplies | 24 | MOs | \$250.00 | | \$ 6,005 | | |
| | CM Office - Cleaning | 24 | MOs | \$100.00 | | \$ 2,402 | | |
| | Temporary Trailer Power - Consumption | 24 | MOs | \$850.00 | | \$ 20,416 | | |
| | Temporary Trailer Electrical Service | 1 | LS | \$3,000.00 | | \$ 3,000 | | |
| | Temporary Drinking Water | 24 | MOs | \$100.00 | | \$ 2,402 | | |
| | IT Monthly Cost | 24 | MOs | \$500.00 | | \$ 12,009 | | |
| | IT One-Time Cost - Licensing | | | | | | | |
| | Procure | 24 | MOs | \$850.00 | | \$ 20,416 | | |
| | Building Connected | 24 | MOs | \$250.00 | | \$ 6,005 | | |
| | Onscreen Take-off License | 1 | LS | \$4,500.00 | | \$ 4,500 | | |
| | P6 scheduling License | 1 | LS | \$3,400.00 | | \$ 3,400 | | |
| | Miscellaneous Project Requirements | | | | | | | |
| | Permits | | \$\$ | 3.10% | | See Summary | | |
| | Inspections & Testing by Governing Authorities | | LS | \$0.00 | | By Owner | | |
| | Cutting, Coring and Patching | | GSF | \$0.10 | | in Trade Costs | | |
| | Reprographics | 24 | MOs | \$100.00 | | \$ 2,402 | | |
| | Postage & Courier Services | 24 | MOs | \$100.00 | | \$ 2,402 | | |
| | Project Photos | 24 | MOs | \$150.00 | | \$ 3,603 | | |
| | Mockups | | LS | \$25,000.00 | | in Trades | | |
| | Travel Expense (Project Exec., Project Manager) | | MOs | \$125.00 | | Not Required | | |
| | Relocation | | LS | \$0.00 | | Not Required | | |
| | Superintendent Per Diem (based on 7 day week) | | WEEK | \$6,000.00 | | Not Required | | |
| | Professional Services | | | | | | | |
| | Land Surveyor | 1 | LS | \$10,000.00 | | in Sitework | | |
| | Testing Agency | | LS | \$50,000.00 | | By Owner | | |
| | Third-Party Commissioning | | LS | \$75,000.00 | | By Owner | | |
| | Design Services | | \$\$ | 10% | | in Soft Costs | | |
| | Indoor Air Quality (IAQ) Plan (Occupied Renovations) | 1 | LS | \$5,000.00 | | \$ 5,000 | | |
| | Indoor Air Quality (IAQ) Monitoring (Occupied Renovations) | 24 | MOs | \$500.00 | | \$ 12,009 | | |
| | 3rd Party Review of Owner's Abatement Report | | LS | \$2,500.00 | | By Owner | | |
| | Security Services | | MDs | \$1,000.00 | | see site logistics | | |
| | Legal / Professional Services | | LS | \$5,000.00 | | By Owner | | |
| | Temporary Utilities & Services | | | | | | | |
| | Temp Water Service Distribution/Meter | 1 | LS | \$1,000.00 | | By Owner | | |
| | Temp Water Consumption | 24 | MOs | \$100.00 | | By Owner | | |
| | Temp Sewer Service and Distribution | | LS | \$2,500.00 | | Not Applicable | | |
| | Temp Electrical Service Distribution | 1 | LS | \$2,500.00 | | \$ 2,500 | | |
| | Temp Electricity Consumed | 24 | MOs | \$1,500.00 | | By Owner | | |
| | Emergency Diesel Generator - Rental | | MOs | \$15,000.00 | | Not Applicable | | |
| | Emergency Diesel Generator Fuel Consumed | | MOs | \$1,000.00 | | Not Applicable | | |
| | Indoor Air Quality/Infectious Controls - based on two interior renovation phases | | | | | | | |
| | Negative Air Machine - Furnish, Power, Relocate and vent as needed | 4 | EA | \$1,500.00 | | \$ 6,000 | | |
| | Negative Air Machine - Maintenance | 12 | MOS | \$250.00 | | \$ 3,000 | | |
| | HEPA Units | 4 | EA | \$1,500.00 | | \$ 6,000 | | |
| | HEPA Filters assume 4 changes per unit | 20 | EA | \$200.00 | | \$ 4,000 | | |
| | Tacky Mats - location, remove and replace as needed | 4 | LOC | \$300.00 | | \$ 1,200 | | |
| | Interim Life Safety/NFPA 241 - Signage and route maps | 1 | LS | \$1,000.00 | | \$ 1,000 | | |
| | Indoor Air Quality/Infectious Controls - based on two interior renovation phases | 72,711 | GSF | 0.29 | \$ 21,200 | | | |
| | Weather / Winter Conditions | | | | | | | |
| | Snow & Ice Management | 3 | STORMS | \$1,500.00 | | \$ 4,500 | | |
| | Winter Conditions | | | | | | | |
| | Temporary Heat - Setup/Removal | 3 | MOs | \$10,000.00 | | \$ 30,000 | | |
| | Temporary Heat - Rental | | MOs | \$1,650.00 | | in above | | |
| | Temporary Heat - Maintenance | | MOs | \$1,500.00 | | in above | | |
| | Temporary Heat - Fuel | | MOs | \$4,500.00 | | in above | | |
| | Temporary Cooling - Dehumidification | 1 | MOs | \$3,500.00 | | \$ 3,500 | | Install Addns Milwrk/Finishes, 3 units x 1 mo |
| | Tarp In Staging (staging trades) | | SF | \$3.00 | | Not Required | | |
| | Temporary Construction Facilities | | | | | | | |
| | Temporary Storage - Rental | | MOs | \$250.00 | | In Trades | | |
| | Temporary Storage - Setup/Remove | | LS | \$3,000.00 | | In Trades | | |
| | Temp Toilets Rental, Service and Disposal | 24 | MOs | \$750.00 | | \$ 18,014 | | 6 ea |
| | Cleaning of Toilet Rooms in Existing Building | | MDs | \$520.00 | | Not Applicable | | |
| | Hoisting & Scaffolding | | | | | | | |
| | Scaffolding | | SF | \$25.00 | | In Trades | | |
| | Scaffolding Rental | | MOs | \$1,000.00 | | In Trades | | |
| | Entrance/Egress Protection | | EA | \$2,000.00 | | In Trades | | |
| | Scaffolding Scrim/Debris Netting | | SF | \$8.00 | | In Trades | | |
| | Bump Planks | | Wks | \$2,000.00 | | In Trades | | |
| | Plywood Protection at Base of Scaffolding | | SF | \$5.00 | | In Trades | | |
| | Tower Crane - Erect/Dismantle | | LS | \$0.00 | | In Trades | | |
| | Tower Crane - Trucking | | LS | \$0.00 | | In Trades | | |
| | Tower Crane - Foundation | | LS | \$0.00 | | In Trades | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|-------|-----------|------------|----------|-------------------------|------|--|
| | Tower Crane - Rental | | MOs | \$0.00 | | In Trades | | |
| | Hydraulic Crane | | DAY | \$0.00 | | In Trades | | |
| | Prep for Crane | | LS | \$0.00 | | In Trades | | |
| | Man/Material Hoist - Erect/Dismantle | | LS | \$0.00 | | In Trades | | |
| | Man/Material Hoist - Rental | | MOs | \$0.00 | | In Trades | | |
| | Man/Material Hoist - Operator - Straight Time | | WKs | \$4,600.00 | | In Trades | | |
| | Man/Material Hoist - Operator - OT | | WKs | \$6,000.00 | | In Trades | | |
| | Man/Material Hoist - Load/Off Load Platforms/Ramps | | EA | \$0.00 | | In Trades | | |
| | Lull Rental | | WKs | \$2,500.00 | | In Trades | | |
| | Lull Operation | | MDs | \$760.00 | | In Trades | | |
| | Aerial Lift | | LS | \$0.00 | | In Trades | | |
| | Temporary Safety | | | | | | | |
| | Carpenter Support - Safety | 130 | MDs | 600.00 | | \$ 78,000 | | 25% time |
| | PPE - Hardhats, Vests, Gloves, Glasses, Etc. | 24 | MOs | \$150.00 | | \$ 3,603 | | |
| | Fire Extinguishers & Stands | 5 | EA | \$150.00 | | \$ 750 | | |
| | Safety and First Aid Kit | 1 | MOs | \$250.00 | | \$ 250 | | |
| | Temporary Stairs and Rails | | story | \$5,000.00 | | N/A | | |
| | Temporary Stair Rail Extensions - materials | | LF | \$35.00 | | N/A | | |
| | Temporary Ramps | | SF | \$50.00 | | N/A | | |
| | Temporary Window Rails | | LF | \$35.00 | | N/A | | |
| | Floor/Roof Opening Protection - Guardrails - materials | 1 | LS | \$1,500.00 | | \$ 1,500 | | |
| | Floor/Roof Opening Protection - Coverings - materials | 1 | LS | \$1,000.00 | | \$ 1,000 | | |
| | Roof Tie-off Davits | | EA | \$500.00 | | in above | | |
| | Roof Edge Protection / Maintenance | | LF | \$150.00 | | in above | | |
| | Guardrail / Cable Maintenance | | LF | \$150.00 | | in above | | |
| | Covered Walkway / OH Protection | | SF | \$25.00 | | in above | | |
| | Barricades/Warning Signs and Lights | | LS | \$0.00 | | in above | | |
| | Trip Hazard Protection | | LF | \$50.00 | | in above | | |
| | Misc Safety Protection | | LS | \$3,000.00 | | in above | | |
| | Safety Materials | 1 | LS | \$1,500.00 | | \$ 1,500 | | |
| | Safety Signage | | EA | \$75.00 | | in above | | |
| | Fire Watch | | MDs | \$760.00 | | Not Required | | |
| | Temporary Protection | | | | | | | |
| | Carpenter Support - Temp Protection | | MDs | \$600.00 | | in safety section above | | |
| | Temp Protection - materials | | LS | \$5,000.00 | | in safety section above | | |
| | Temporary Weather Protection | | | | | in safety section above | | |
| | Temporary Partitions - Exterior | | SF | \$20.00 | | in safety section above | | |
| | Temporary Door / Hardware | | EA | \$1,500.00 | | in safety section above | | |
| | Window Protection | | EA | \$25.00 | | in safety section above | | |
| | Temporary Windows | | EA | \$150.00 | | in safety section above | | |
| | Door Protection | | EA | \$50.00 | | in safety section above | | |
| | Temporary Roof | | SF | \$10.00 | | in safety section above | | |
| | Existing Roof Protection | | SF | \$5.00 | | in safety section above | | |
| | Exterior Closure | | SF | \$15.00 | | in safety section above | | |
| | Temporary Protection of Finishes/Occupancy | | | | | in safety section above | | |
| | Protect Elevator Interiors | | EA | \$150.00 | | in safety section above | | |
| | Floor Protection - (Resinous) limited areas | | SF | \$3.00 | | in safety section above | | |
| | Floor Protection - (LVT) | | SF | \$3.00 | | in safety section above | | |
| | Wall Protection - (Type) | | SF | \$3.00 | | in safety section above | | |
| | Partitions (1-Sided Finished GWB) | | SF | \$8.00 | | in safety section above | | |
| | Stair Protection | | EA | \$500.00 | | in safety section above | | |
| | Temporary Site Protection | | | | | | | |
| | Tree and Shrub Protection | 10 | EA | \$150.00 | | \$ 1,500 | | |
| | Protect Site Walks | 1,000 | SF | \$3.00 | | \$ 3,000 | | |
| | Prep Temporary Dumpster Locations | 300 | SF | \$10.00 | | \$ 3,000 | | |
| | Protect Miscellaneous Site Finishes | 1 | LS | \$3,500.00 | | \$ 3,500 | | |
| | Paving / Lawn Protection | 1 | LS | \$2,500.00 | | \$ 2,500 | | |
| | Site Logistics | | | | | | | |
| | Construction Fencing - Setup/Rental | 1,500 | LF | \$18.00 | | in Sitework | | |
| | Construction Fencing - Relocations/Maint. | 24 | MOs | \$275.00 | | in Sitework | | |
| | Construction Fence Scrim - Standard 6'H | 1,500 | LF | \$6.00 | | in Sitework | | |
| | Construction Fence Scrim - Custom | 0 | LF | \$10.00 | | in Sitework | | |
| | Construction Entrance/Washdown Pad | | SF | \$1,500.00 | | in Sitework | | |
| | Temporary Access Roads - Create/Restore | | SF | \$8.00 | | in Sitework | | |
| | Temporary Access Roads - Maintenance | | MOs | \$1,000.00 | | in Sitework | | |
| | Jersey Barriers - Setup/Rental | | LF | \$0.00 | | Not Applicable | | |
| | Jersey Barriers - Relocations/Maintenance | | MOs | \$1,000.00 | | Not Applicable | | |
| | Temporary Pedestrian Walkways | 1,000 | SF | \$5.00 | | \$ 5,000 | | Front and rear entry during construction |
| | Street Sweeping | | MOs | \$0.00 | | in Sitework | | |
| | Dust Control | | MOs | \$0.00 | | in Sitework | | |
| | Vehicle and Equipment Protection | | LS | \$0.00 | | Not Applicable | | |
| | Project Identification Signage | 1 | LS | \$2,500.00 | | \$ 2,500 | | |
| | Temporary Pest Control | 1 | LS | \$1,500.00 | | \$ 1,500 | | |
| | Police Details | 4 | MDs/ALW | \$1,200.00 | | \$ 4,800 | | |
| | Site Security Services - patrolled | | LS | \$0.00 | | Not Required | | |
| | Site Security Services - internet cameras | 1 | LS | \$5,000.00 | | \$ 5,000 | | |
| | Sidewalk Permits/Rental Fees - first 500 SF | | \$/sf/mos | \$3.00 | | Not Required | | |
| | Sidewalk Permits/Rental Fees - additional SF above 500 SF | | \$/sf/mos | \$1.50 | | Not Required | | |
| | Street Rental Fees | | SPC/DY | \$25.00 | | Not Required | | |
| | Parking Meter Bagging Fees | | meter/dy | \$20.00 | | Not Required | | |
| | Parking Costs | | LS | \$0.00 | | Not Required | | |
| | Site Restoration | | SF | \$0.50 | | in Sitework | | |
| | Equipment/Expensed Tools | | EA | \$2,500.00 | | in Sitework | | |
| | Clean Up & Debris Management | | | | | | | |
| | General Labor | 130 | MDs | \$440.00 | | \$ 57,200 | | 25% time |
| | Clean Up During Job | | | | | in above | | |
| | Clean Up Materials | 24 | Mos | \$100.00 | | \$ 2,402 | | |
| | Dumpsters (Excluding Demolition) | 36 | EA | \$750.00 | | \$ 27,021 | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|--|--|--|--|--|---|---|
| | Trash Chutes Final Cleaning Final Cleaning - Glass Final Cleaning - Metal Panels Waste Management Plan Progress Cleaning - Labor Progress Cleaning - Material | 72,711 | VLF SF SF SF LS MDs EA | \$100.00 \$0.75 \$0.35 \$0.35 \$500.00 \$520.00 \$500.00 | | Not Required \$ 54,533 in trades in trades Not Required in general labor above in general labor above | | |
| 02 | SELECTIVE & BUILDING DEMOLITION | 72,711 | SF | | | \$ 573,180 | \$ 7.88 | |
| | BUILDING ELEMENTS DEMOLITION Main Building Building Cleanout Demo Former Showers and Tile in the Attic Spaces above the Gym Sawcut Conc. Flr (excl Terrazzo) for new UG San. + Exc & BF Demo Partitions per new layout - 498 LF Clean Select. Demo - Flooring (excl corr. terrazzo & GANG Toilets ETR) Clean Selective Demo - Ceilings (including devices mounted to ceiling) Clean Selective Demo - Doors, Frames, Hardware Clean Selective - Furnishings, interior trim, accessories MEP Make Safe MEP Make Safe & Demo Window Removal - at additions Window Removal - at Replaced Existing Windows Exterior wall removal for additions Shoring at Exterior Walls - demo at additions and roofing connections Dumpsters Brick Soldier Course Header at Refurbished Window Lintels BUILDING ELEMENTS DEMOLITION | 60,687 3 10 6,638 48,544 60,687 60,687 60,687 4 6 3 4 1 56 86,110 | GSF CD CD SFW SF FLR GSF GSF GSF CD CD CD CD LS EA SF | \$1.25 \$6,950.00 \$6,950.00 \$5.00 \$1.50 \$1.25 \$0.50 \$1.00 \$3,690.00 \$3,690.00 \$6,950.00 \$6,950.00 \$12,000.00 \$650.00 \$6.66 | | \$ 75,859 \$ 20,850 \$ 69,500 \$ 33,192 \$ 72,816 \$ 75,859 \$ 30,344 \$ 60,687 \$ 14,760 \$ 22,140 \$ 20,850 in Windows \$ 27,800 \$ 12,000 \$ 36,525 in Masonry | | GSF - Existing Area Demo CD - 5 L + 1 Super + Equip + PPE Demo CD - 5 L + 1 Super + Equip + PPE 05 Crew days 10 Crew days 11 Crew days 04 Crew days 09 Crew days Mech CD - 3 A +2J + Equipmnt + PPE Mech CD - 3 A +2J + Equipmnt + PPE Demo CD - 5 L + 1 Super + Equip + PPE Demo CD - 5 L + 1 Super + Equip + PPE |
| 02 | HAZARDOUS MATERIAL ABATEMENT | 72,711 | SF | | | \$ 303,435 | \$ 4.17 | |
| | HAZARDOUS MATERIALS ABATEMENT ALLOWANCE It is assumed that hazardous materials such as encapsulated asbestos exist within portions of the building constructed in 1932 and in the 1950s additions for the Gymnasium and Media Center. This allowance is included for Hazmat abatement encountered during the renovation and/or specified to be removed in the pending Hazmat reports. | 60,687 | SF/ALW | \$5.00 | | \$ 303,435 | | |
| 03 | CONCRETE | 72,711 | SF | | | \$ 464,448 | \$ 6.39 | |
| | FOOTINGS AND FOUNDATIONS Continuous Footings (3'0"W x 1') Kitchen, Caf , 4th Grd Add'n Excavation Formwork Concrete 4500 psi (Material and Placement) Reinforcing Backfill with controlled material Footing Step Pump Subtotal Continuous Footings (3'0"W x 1') Kitchen, Caf , 4th Grd Add'n CUYD Column Footing 5x5x1.25' Kitchen, Caf , 4th Grd Add'n Excavation Formwork Concrete (Material and Placement) Reinforcing Backfill with imported material Pump Subtotal Column Footing 5x5x1.25' Kitchen, Caf , 4th Grd Add'n CUYD Piers (24"x24"x6") avg Kitchen, Caf , 4th Grd Add'n Formwork Concrete 4500 psi (Material and Placement) Reinforcing Pump Subtotal Piers (24"x24"x6") avg Kitchen, Caf , 4th Grd Add'n EACH CUYD Foundation walls 5' ht avg x 1.33' tk Kitchen, Caf , 4th Grd Add'n Excavation Formwork Concrete Reinforcing Pump Backfill with controlled material Subtotal Foundation walls 5' ht avg x 1.33' tk Kitchen, Caf , 4th Grd Add'n CUYD Misc Footings and Foundations Scope 2" Rigid Insulation at interior foundation walls, down 2' vertical Foundation Damp proofing Only Elevator Pit Foundation Slab Elevator Pit Foundation Walls | 225 674 41 2,059 183 3 2 337 41 87 550 28 2,101 59 2 22 28 1,056 22 1,613 2 22 22 22 183 3,290 89 11,515 3 183 329 89 658 1,645 4 7 | CY SF CY LBS CY EA EA LF CY CY CY CY LBS CY EA EA CY EA EA CY CY EA EA CY CY SF SF CY CY | \$18.00 \$12.00 \$305.00 \$2.00 \$40.00 \$750.00 \$2,000.00 \$92.05 \$753.12 \$36.00 \$12.00 \$305.00 \$2.00 \$35.00 \$1,800.00 \$1,042.91 \$819.16 \$12.00 \$305.00 \$2.00 \$1,800.00 \$1,184.55 \$1,184.55 \$1,211.47 \$18.00 \$8.00 \$305.00 \$2.00 \$1,800.00 \$35.00 \$249.05 \$919.24 \$3.50 \$5.00 \$1,000.00 \$1,000.00 | \$ 31,020 \$ 22,944 \$ 26,060 \$ 81,936 | in Sitework \$ 8,088 \$ 12,563 \$ 4,119 in Sitework \$ 2,250 \$ 4,000 in Sitework \$ 6,600 \$ 8,543 \$ 4,201 in Sitework \$ 3,600 in Sitework \$ 12,672 \$ 6,561 \$ 3,227 \$ 3,600 in Sitework | No Pre-K 3.00 width ft 1.0 hgt ft 50.00 lbs per cy No Pre-K 5.0 width ft 5.0 depth ft 1.25 hgt ft 75.00 lbs per cy No Pre-K 2.0 width ft 2.0 width ft 6.0 hgt ft 75.00 lbs per cy No Pre-K 5.0 hgt ft 1.3 width ft 07.00 lbs per sfw No Pre-K No Pre-K | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|--------|-----------|------------|------------|--------------|--------------------|--|
| | Provide (2) 4-feet by 4-feet radon collection pits below new concrete | 2 | EA | \$2,000.00 | | \$ 4,000 | | |
| | Misc Footings and Foundations Scope | 72,711 | SF | \$0.36 | \$ 25,861 | | | |
| | SPECIAL FOUNDATIONS / UNDERPINNING | | | | | | | |
| | Underpinning Allowance - assume 25% of LF along EX Bldg Connection | 6 | CY | \$3,000.00 | | \$ 18,667 | | Reduced 63LF - Deletion of Pre-K |
| | Underpinning at New Elevator | 9 | CY | \$3,000.00 | | \$ 27,778 | | Assume Underpinning 3'ht x 2'w, Incl E&B |
| | SLAB ON GRADE - Kitchen / Cafeteria | | | | | | | Assume Underpinning 5'ht x 2'w, Incl E&B |
| | 5" Slab on Grade | 5,722 | SF | <<info>> | | | | |
| | Compacted structural fill 8" and Blotter Layer | 141 | CY | \$60.00 | | | | in Site Earthwork |
| | Stego Wrap Class A Vapor Barrier - 15 Mil | 6,294 | SF | \$1.50 | | \$ 7,868 | | |
| | Insulation- 2' along perimeter | 664 | SF | \$3.50 | | \$ 2,324 | | |
| | Concrete 3500 psi | 97 | CY | \$175.00 | | \$ 17,012 | | |
| | Place, Finish, Sawcut and Colloidal Silica Concrete Sealer | 5,722 | SF | \$6.50 | | \$ 37,193 | | |
| | Edge Form | 50 | LF | \$25.00 | | \$ 1,250 | | |
| | WWF 6x6-W1.4xW1.4 Mesh | 6,294 | SF | \$0.75 | | \$ 4,721 | | |
| | Pump | 1 | EA | \$2,000.00 | | \$ 2,000 | | |
| | Subtotal 5" Slab on Grade: | 5,722 | SF | \$12.65 | \$ 72,368 | | | |
| | | 97 | CY | \$744.45 | | | | |
| | SLAB ON GRADE - Pre-K | | | | | | | |
| | 5" Slab on Grade | 0 | SF | <<info>> | | | | Pre-K Deleted |
| | Compacted structural fill 8" and Blotter Layer | 0 | CY | \$60.00 | | | | Pre-K Deleted |
| | Stego Wrap Class A Vapor Barrier - 15 Mil | 0 | SF | \$1.50 | | | | Pre-K Deleted |
| | Insulation- 2' along perimeter | 0 | SF | \$3.50 | | | | Pre-K Deleted |
| | Concrete 3500 psi | 0 | CY | \$175.00 | | | | Pre-K Deleted |
| | Place, Finish, Sawcut and Colloidal Silica Concrete Sealer | 0 | SF | \$6.50 | | | | Pre-K Deleted |
| | Edge Form | 0 | LF | \$25.00 | | | | Pre-K Deleted |
| | WWF 6x6-W1.4xW1.4 Mesh | 0 | SF | \$0.75 | | | | Pre-K Deleted |
| | Pump | 0 | EA | \$2,000.00 | | | | Pre-K Deleted |
| | Subtotal 5" Slab on Grade: | 0 | SF | #DIV/0! | \$ - | | | |
| | | 0 | CY | #DIV/0! | | | | |
| | SLABS ON METAL DECK | | | | | | | |
| | Second Floor Addition - Concrete Fill on Metal Deck, Mesh, Sawcut | 6,012 | SF | \$11.75 | | \$ 70,641 | | |
| | Kitchen/Café Attic Floor - Concrete Fill on Metal Deck, Mesh, Sawcut | 4,523 | SF | \$11.75 | | \$ 53,145 | | |
| | MISCELLANEOUS FLATWORK | | | | | | | |
| | Concr flr In-fill for new underground Sanitary in Existing flrs - Per Layout | 531 | SF | \$50.00 | | \$ 26,550 | | |
| | WWF 6x6-W1.4xW1.4 Mesh | 531 | EA | \$0.75 | | \$ 398 | | |
| | Rebar Dowels (drilled and epoxied) | 354 | EA | \$20.00 | | \$ 7,080 | | |
| | MOISTURE PROTECTION | | | | | | | |
| | Moisture Mitigation Allowance | | | | | | In Flooring | |
| 04 | MASONRY | 72,711 | SF | | | \$ 1,068,232 | \$ 14.69 | |
| | UNIT MASONRY | | | | | | | |
| | Interior Masonry | | | | | | | |
| | 8" CMU - New int. walls at corridors, elevator, cafeteria, service areas | 5,898 | SF | 20.00 | | \$ 117,960 | | No Pre-K |
| | Masonry Reinforcing | 5,898 | SF | 2.00 | | \$ 11,796 | | No Pre-K |
| | Masonry clips | 442 | EA | 15.00 | | \$ 6,637 | | No Pre-K |
| | Install new HM Frames in Masonry Partitions | 13 | EA | 250.00 | | \$ 3,250 | | No Pre-K |
| | Interior Masonry | 5,898 | | \$23.68 | \$ 139,643 | | | |
| | Exterior Masonry Wall at Additions | | | | | | | |
| | 4" Brick Veneer (Qty not including Cast Stone Quoins & Base Course) | 5,779 | SF | \$45.00 | | \$ 260,055 | | No Pre-K |
| | 8" CMU Back-up | 6,249 | SF | \$20.00 | | \$ 124,980 | | No Pre-K |
| | CMU Reinforcing and Grouting | 6,249 | SF | \$2.50 | | \$ 15,623 | | No Pre-K |
| | Cast Stone Quoins - 24" and 30" wide at corners | 28 | SF | \$75.00 | | \$ 2,100 | | No Pre-K |
| | Cast Stone Base Course 24" | 442 | SF | \$75.00 | | \$ 33,150 | | No Pre-K |
| | Cast Stone Sill @ Windows | 252 | LF | \$125.00 | | \$ 31,500 | | No Pre-K |
| | Key Stone @ New Brick Soldier Course Headers | 43 | EA | \$200.00 | | \$ 8,600 | | No Pre-K |
| | 30" ht Parapet Walls (at New flat roof areas) | | | | | | | |
| | 4" Brick Veneer | 111 | SF | \$45.00 | | \$ 4,995 | | No Pre-K |
| | 8" CMU Back-up | 111 | SF | \$20.00 | | \$ 2,220 | | No Pre-K |
| | Cast Stone Parapet Wall Cap | 45 | SF | \$100.00 | | \$ 4,500 | | |
| | 30" ht Parapet Walls (at Existing flat roof areas) | | | | | | | |
| | 4" Brick Veneer | 1,309 | SF | \$45.00 | | | Existing to Remain | |
| | 8" CMU Back-up | 1,309 | SF | \$20.00 | | | Existing to Remain | |
| | Copper Parapet Wall Cap | 524 | SF | \$100.00 | | | in Roofing | |
| | Exterior Masonry Wall at Additions | 19,042 | SF | \$25.61 | \$ 487,723 | | | |
| | MASONRY RESTORATION AND REPAIRS | 31,276 | SFW | <<info>> | | | | |
| | Masonry Cleaning and Repointing | | | | | | | |
| | Repoint and repair 10% of existing exterior brick masonry | 3,128 | SF | \$15.00 | | \$ 46,915 | | Add due to No Pre-K |
| | Clean All existing brick, stone and cast stone | 31,276 | SF | 1.75 | | \$ 54,734 | | Add due to No Pre-K |
| | Masonry Cleaning and Repointing | 31,276 | SF | 3.25 | \$ 101,649 | | | |
| | Steel Lintel Repair/Replace'mt - 50% of All Exist'g Windows | 417 | LF HEADER | | | | | Exist'g steel lintels are delaminating due to rust |
| | Lifts/Access | 74 | EA | <<info>> | | | | Add due to No Pre-K |
| | Shore Veneer | 110 | DAY | \$500.00 | | \$ 55,125 | | Add due to No Pre-K |
| | Remove 5 Brick Courses | 465 | SF | \$55.28 | | \$ 25,725 | | Add due to No Pre-K |
| | Scrape Lintel | 465 | SF | \$50.00 | | \$ 23,269 | | Add due to No Pre-K |
| | Replace Steel Lintel | 417 | LF | \$35.00 | | \$ 14,586 | | Add due to No Pre-K |
| | Seal and Repaint Lintel | 74 | EA | \$1,500.00 | | \$ 110,250 | | Add due to No Pre-K |
| | New Brick Veneer | 417 | LF | \$50.00 | | \$ 20,838 | | Add due to No Pre-K |
| | Keystone | 465 | SF | \$100.00 | | \$ 46,537 | | Add due to No Pre-K |
| | | 74 | EA | \$200.00 | | \$ 14,700 | | Add due to No Pre-K |
| | Steel Lintel Repair/Replace'mt - 50% of All Exist'g Windows | 465 | SF | \$668.35 | \$ 311,030 | | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|--------|--------|-------------|---|------------|---------|--|
| | Full Inspection is Required Prior to Construction | 74 | EA | \$4,231.70 | | | | |
| | | 417 | LF | \$746.32 | | | | |
| | Scrape and Repaint BALANCE of Existing Steel Lintels | 417 | LF HD | <<info>> | | | | |
| | Lifts/Access | 74 | EA | <<info>> | | | | |
| | Seal and Repaint Lintel | 15 | DAY | \$500.00 | | \$ 7,350 | | All lintels shall be scraped and repainted Add due to No Pre-K Add due to No Pre-K |
| | | 417 | LF | \$50.00 | | \$ 20,838 | | |
| | Scrape and Repaint BALANCE of Existing Steel Lintels | 465 | SF | \$60.57 | \$ 28,188 | | | |
| | | 74 | EA | \$383.51 | | | | |
| | | 417 | LF | \$67.64 | | | | |
| | MASONRY RESTORATION AND REPAIRS | 31,276 | SF | \$14.10 | \$ 440,867 | | | |
| 05 | STRUCTURAL STEEL | 72,711 | SF | | | \$ 515,973 | \$ 7.10 | |
| | FLOOR CONSTRUCTION | | | | | | | |
| | Second Floor Framing | 6,012 | SF | <<info>> | | N/A | | |
| | Columns and Beams (Fab & Deliver) | 30 | TNS | \$2,800.00 | | \$ 84,168 | | 10.00 lbs steel design per SF Structure |
| | Bracing and Brace Frames (Fab & Deliver) | 2 | TNS | \$2,800.00 | | \$ 4,208 | | 5.0% |
| | Connections (Fab & Deliver) | 2 | TNS | \$2,800.00 | | \$ 4,208 | | 5.0% |
| | Erection | 33 | TNS | \$2,500.00 | | \$ 82,665 | | |
| | Second Floor Framing | 6,012 | SF | \$29.15 | \$ 175,249 | | | |
| | | | LBS/SF | \$11.00 | | | | |
| | | 33 | TNS | \$5,299.98 | w/o Metal Deck | | | |
| | Metal Deck - 5" Composite Metal Decking | 6,012 | SF | \$6.00 | | \$ 36,072 | | |
| | Second Floor Framing | 6,012 | SF | \$5.15 | \$ 211,321 | | | |
| | | 33 | TNS | \$6,390.88 | w/ Metal Deck | | | |
| | Kitchen and Cafeteria Attic Floor Framing | 4,523 | SF | <<info>> | | | | |
| | Columns and Beams (Fab & Deliver) | 23 | TNS | \$2,800.00 | | \$ 63,322 | | 10.00 lbs steel design per SF Structure |
| | Bracing and Brace Frames (Fab & Deliver) | 1 | TNS | \$2,800.00 | | \$ 3,166 | | 5.0% |
| | Connections (Fab & Deliver) | 1 | TNS | \$2,800.00 | | \$ 3,166 | | 5.0% |
| | Erection | 25 | TNS | \$2,500.00 | | \$ 62,191 | | |
| | Kitchen and Cafeteria Attic Floor Framing | 4,523 | SF | \$29.15 | \$ 131,845 | | | |
| | | | LBS/SF | \$11.00 | | | | |
| | | 25 | TNS | \$5,299.98 | w/o Metal Deck | | | |
| | Metal Deck - 5" Composite Metal Decking | 4,523 | SF | \$6.00 | | \$ 27,138 | | |
| | Kitchen and Cafeteria Attic Floor Framing | 4,523 | SF | \$5.15 | \$ 158,983 | | | |
| | | 25 | TNS | \$6,390.89 | w/ Metal Deck | | | |
| | ROOF CONSTRUCTION | | | | | | | |
| | Kitchen, Cafeteria, Pre-K Flat Roof Framing | 1,235 | SF | <<info>> | | | | No Pre-K |
| | Columns and Beams (Fab & Deliver) | 6.18 | TNS | \$2,800.00 | | \$ 17,290 | | 10.00 lbs steel design per SF Structure |
| | Bracing and Brace Frames (Fab & Deliver) | 0.31 | TNS | \$2,800.00 | | \$ 865 | | 5.0% |
| | Connections (Fab & Deliver) | 0.31 | TNS | \$2,800.00 | | \$ 865 | | 5.0% |
| | Erection | 6.79 | TNS | \$2,500.00 | | \$ 16,981 | | |
| | Kitchen, Cafeteria, Pre-K Flat Roof Framing | 1,235 | SF | \$29.15 | \$ 36,001 | | | |
| | | | LBS/SF | \$11.00 | | | | |
| | | 6.79 | TNS | \$5,300.11 | w/o Metal Deck | | | |
| | Metal Roof Deck - 1/2" 18 gauge type B metal roof deck | 1,235 | SF | \$6.00 | | \$ 7,410 | | |
| | Kitchen, Cafeteria, Pre-K Flat Roof Framing | 1,235 | SF | \$5.15 | \$ 43,411 | | | |
| | | 7 | TNS | \$6,391.02 | w/ Metal Deck | | | |
| | Sloped Roof Gable and Ridge Beam Framing | 5,533 | SF | <<info>> | | | | |
| | Columns and Beams (Fab & Deliver) | 5.53 | TNS | \$2,800.00 | | \$ 15,492 | | 02.00 lbs steel design per SF Structure |
| | Bracing and Brace Frames (Fab & Deliver) | 0.28 | TNS | \$2,800.00 | | \$ 775 | | 5.0% |
| | Connections (Fab & Deliver) | 0.28 | TNS | \$2,800.00 | | \$ 775 | | 5.0% |
| | Erection | 6.09 | TNS | \$2,500.00 | | \$ 15,216 | | |
| | Sloped Roof Gable and Ridge Beam Framing | 5,533 | SF | \$5.83 | \$ 32,258 | | | |
| | | | LBS/SF | \$2.20 | | | | |
| | | 6.09 | TNS | \$5,300.10 | w/o Metal Deck In Sheathing in Rough Carpentry | | | |
| | Roof Sheathing | | | | | | | |
| | Sloped Roof Gable and Ridge Beam Framing | 5,533 | SF | \$5.83 | \$ 32,258 | | | |
| | | 6 | TNS | \$5,300.10 | w/ Metal Deck | | | |
| | Fireproofing | | | | | | | |
| | SOFP Structural Columns and Beams | 1 | ALLW | \$50,000.00 | | \$ 50,000 | | |
| | Intumescent Fireproofing | 1 | ALLW | \$20,000.00 | | \$ 20,000 | | |
| 05 | MISCELLANEOUS METALS | 72,711 | SF | | | \$ 253,391 | \$ 3.48 | |
| | COLD-FORMED METAL FRAMING | | | | | | | |
| | SLOPED ROOF Framing - Kitchen, Cafeteria, 4th Grade Addition | 5,533 | SF | \$15.00 | | \$ 82,995 | | |
| | METAL FABRICATIONS | | | | | | | |
| | MISC METALS | | | | | | | |
| | Equipment Dunnage 3 RTU, 2 DOAS | 5 | EA | \$7,500.00 | | \$ 37,500 | | |
| | Equipment Dunnage 4 COND, 1 HOOD | 5 | EA | \$2,500.00 | | \$ 12,500 | | |
| | Galvanized Steel Lintels at Openings/Doors L5x3x5/16 = 8.7 lbs/ft x 15 | 90 | LF | \$104.40 | | \$ 9,396 | | |
| | Roof Screens on tube steel frame - 4 locations - 15LF/location | 600 | SF | \$125.00 | | \$ 75,000 | | |
| | Modify Stair Existing Hand Railings | 80 | LF | \$75.00 | | \$ 6,000 | | |
| | New Fire Stair at Addition | 2 | LVL | \$15,000.00 | | \$ 30,000 | | |
| | METAL FABRICATIONS | 72,711 | SF | \$1.83 | \$ 132,896 | | | |
| 06 | ROUGH CARPENTRY | 72,711 | SF | | | \$ 116,891 | \$ 1.61 | |
| | ROUGH CARPENTRY | | | | | | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|--------|------|------------|------------|--------------------|----------|---|
| | Interior Wood Blocking | 69,981 | GSF | 1.25 | | \$ 87,476 | | No Pre-K |
| | Composite vented engineered wood roof decking at Addn Sloped Roof | 5,883 | SF | 5.00 | | \$ 29,415 | | Kitchen, Cafeteria, Classroom Addition |
| 06 | FINISH CARPENTRY | 72,711 | SF | | | \$ 182,203 | | |
| | FINISH CARPENTRY AND ARCHITECTURAL WOODWORK | | | | | | | |
| | Select Existing Standing Trim, Running Trim, Wood Casework | 37,966 | ALLW | 3.00 | | \$ 113,898 | | Entrance, Classrooms, Multi, Media, Admin |
| | Interior restoration areas, including the front entrance and select areas of existing wood casework shall be restored and reconfigured with standing and running trim, painted and/or stained to match existing | | | | | | | |
| | Exterior Wood Trim | | | | | | | No Pre-K |
| | NEW Exterior Wood Window Trim - 3 piece | 604 | LF | 40.00 | | \$ 24,160 | | 3 Piece |
| | NEW Exterior Running Trim - 6 piece + Fascia + Soffit | 304 | LF | 80.00 | | \$ 24,320 | | Gable Ends and Roof Perimeter @ Entries |
| | NEW Exterior Paneling and Trim | 793 | SF | 25.00 | | \$ 19,825 | | Allow - WD paneling at New Addn Entries, typ |
| | EXISTING Exterior Wood Trim and Paneling | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 07 | THERMAL AND MOISTURE PROTECTION | 72,711 | SF | | | \$ 174,208 | \$ 2.40 | |
| | THERMAL AND MOISTURE PROTECTION | | | | | | | |
| | 3" Rigid Insulation at Exterior Masonry Partitions | 6,813 | SF | \$5.25 | | \$ 35,768 | | No Pre-K |
| | Fluid Applied Air and Vapor Barrier at Masonry Exterior Walls | 6,813 | SF | \$7.00 | | \$ 47,691 | | No Pre-K |
| | THERMAL AND MOISTURE PROTECTION | 72,711 | SF | \$1.15 | \$ 83,459 | | | |
| | LOUVERS | | | | | | | |
| | Gable End Louvers at Existing and Addition 30 SF x 4 EA | 120 | SF | \$100.00 | | \$ 12,000 | | |
| | JOINT SEALERS AND EXTERIOR WALL SEALERS | | | | | | | |
| | Caulking and Fire Sealing of All holes and previous penetrations | 5 | CD | \$3,843.00 | | \$ 19,215 | | Carp CD - 2L + 2J +1S + Equip/Lifts + PPE |
| | Materials | 10 | PAIL | \$500.00 | | \$ 5,000 | | 2 Gallon Pail |
| | Interior Caulking | 72,711 | GSF | \$0.50 | | \$ 36,356 | | No Pre-K |
| | Exterior Caulking of dissimilar materials | 72,711 | GSF | \$0.25 | | \$ 18,178 | | No Pre-K |
| | JOINT SEALERS AND EXTERIOR WALL SEALERS | 72,711 | SF | \$0.82 | \$ 59,533 | | | |
| 07 | ROOFING | 72,711 | SF | | | \$ 1,849,616 | \$ 25.44 | |
| | ROOFING | | | | | | | |
| | ROOF DEMOLITION, TEMPORARY PROTECTION, DUMPSTERS | | | | | | | |
| | Flat Roofing | 9,775 | SF | \$2.50 | | \$ 24,438 | | |
| | Sloped Roofing | 36,893 | SF | \$3.00 | | \$ 110,679 | | |
| | Roof Demo | 46,668 | SF | \$2.90 | \$ 135,117 | | | |
| | RE-ROOF Styrenebutadiene-styrene (SBS)-modified bituminous memb. rfg | 9,775 | SF | <<Info>> | | | | |
| | SBS Roofing Membrane | 9,775 | SF | \$8.00 | | \$ 78,200 | | |
| | SBS Membrane up Parapet Wall and at Roof Walls | 1,310 | SF | \$8.00 | | \$ 10,480 | | 2.50 ft high |
| | 1/2" High Density Protection Broad | 9,775 | SF | \$1.00 | | \$ 9,775 | | |
| | (3) Layers 2" tk Poly-Iso Rigid Insulation R30 | 9,775 | SF | \$12.00 | | \$ 117,300 | | |
| | Tapered Rigid Insulation Premium | 9,775 | SF | \$1.50 | | \$ 14,663 | | |
| | Vapor Barrier | 9,775 | SF | \$1.50 | | \$ 14,663 | | |
| | 5/8-inch Type X exterior gypsum roof sheathing | 9,775 | SF | \$2.50 | | \$ 24,438 | | |
| | Wood Blocking at perimeter roof edge, roof walls and mep penetrations | 1,337 | LF | \$20.00 | | \$ 26,740 | | |
| | Flashing at perimeter roof edge, roof walls and mep penetrations | 1,337 | LF | \$25.00 | | \$ 33,425 | | |
| | Replace Prefinished Aluminum .053 Coping at parapet wall | 524 | LF | \$52.50 | | \$ 27,510 | | |
| | Roof tapering & flashing detail @ Roof Drains, and penetration flash'g | 10 | LOC | \$250.00 | | \$ 2,444 | | |
| | Roof Expansion Joint Assemblies | 60 | LF | \$150.00 | | \$ 9,000 | | |
| | Roof hatch | | | | | ETR | | |
| | Roof Access Ladder | | | | | ETR | | |
| | Walkway Pads - at Mech Equipmt and roof hatch | 489 | SF | \$7.00 | | \$ 3,421 | | 5% |
| | Re-Roof Built up Roofing | 9,775 | SF | \$38.06 | \$ 372,058 | | | |
| | NEW Styrenebutadiene-styrene (SBS)-modified bituminous membrane roofing | 1,221 | SF | <<Info>> | | | | |
| | SBS Roofing Membrane | 1,221 | SF | \$8.00 | | \$ 9,768 | | No Pre-K |
| | SBS Membrane up Parapet Wall and at Roof Walls | 520 | SF | \$8.00 | | \$ 4,160 | | No Pre-K |
| | 1/2" High Density Protection Broad | 1,221 | SF | \$1.50 | | \$ 1,832 | | 2.50 ft high |
| | (3) Layers 2" tk Poly-Iso Rigid Insulation R30 | 1,221 | SF | \$12.00 | | \$ 14,652 | | No Pre-K |
| | Tapered Rigid Insulation Premium | 1,221 | SF | \$1.50 | | \$ 1,832 | | No Pre-K |
| | Vapor Barrier | 1,221 | SF | \$1.50 | | \$ 1,832 | | No Pre-K |
| | 5/8-inch Type X exterior gypsum roof sheathing | 1,221 | SF | \$2.50 | | \$ 3,053 | | No Pre-K |
| | Wood Blocking at perimeter roof edge, roof walls and mep penetrations | 586 | LF | \$20.00 | | \$ 11,720 | | No Pre-K |
| | Flashing at perimeter roof edge, roof walls and mep penetrations | 586 | LF | \$25.00 | | \$ 14,650 | | No Pre-K |
| | Prefinished Aluminum .053 Coping at perimeter roof edge | | | | | | | |
| | Roof tapering & flashing detail @ Roof Drains, and penetration flash'g | 2 | LOC | \$250.00 | | \$ 500 | | in Cast Stone Cap |
| | Roof Expansion Joint Assemblies | | | | | Not Applicable | | |
| | Roof hatch | | | | | Not Applicable | | |
| | Roof Access Ladder | | | | | Not Applicable | | |
| | Walkway Pads - at Mech Equipmt and roof hatch | 61 | SF | \$7.00 | | \$ 427 | | 5% |
| | New Built up Roofing | 1,221 | SF | \$52.76 | \$64,425 | | | |
| | RE-ROOF SHINGLES - 30 Year Architectural Asphalt Shingle | | | | | | | |
| | 30 Year Architectural Asphalt Shingle | 36,503 | SF | <<Info>> | | | | |
| | Asphalt Shingles | 36,503 | SF | \$6.00 | | \$ 219,018 | | |
| | Rosin Paper Slip Sheet | 36,503 | SF | \$0.20 | | \$ 7,301 | | |
| | Composite vented engineered wood roof decking | 36,503 | SF | \$5.00 | | Existing to Remain | | |
| | 4-inches rigid insulation | 36,503 | SF | \$9.00 | | \$ 328,527 | | |
| | Self-adhering vapor barrier | 36,503 | SF | \$2.50 | | \$ 91,258 | | |
| | Fully Adhered Seal-Sealing, High Temp Waterproofing membrane | 10,290 | SF | \$4.50 | | \$ 46,305 | | |
| | Flashing | 3,430 | LF | \$25.00 | | \$ 85,750 | | Ice and Water Shield, at 3' rfg edge, valleys |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|--------|--------|------------|--------------|--------------------|----------|----------|
| | Gutters - Stainless Steel lining of gutter system | 879 | LF | \$70.00 | | \$ 61,530 | | |
| | Rehabilitation and reconfiguration existing "Yankee" gutter system | 879 | LF/ALW | \$100.00 | | \$ 87,900 | | |
| | Downspouts - Stainless Steel | 392 | LF | \$55.00 | | \$ 21,560 | | |
| | Re-Roof Asphalt Shingle Roofing | 36,503 | SF | \$26.00 | \$ 949,149 | | | |
| | NEW METAL ROOFING | | | | | | | |
| | Standing Seam Metal Roofing | 5,883 | SF | <<Info>> | | | | |
| | Standing Seam Metal Roofing | 5,883 | SF | \$15.50 | | \$ 91,187 | | |
| | Rosin Paper Slip Sheet | 5,883 | SF | \$0.20 | | \$ 1,177 | | |
| | Composite vented engineered wood roof decking | 5,883 | SF | \$5.00 | | \$ 29,415 | | |
| | 6-inches rigid insulation (R-36) | 5,883 | SF | \$14.06 | | \$ 82,730 | | |
| | Self-adhering vapor barrier | 5,883 | SF | \$2.50 | | \$ 14,708 | | |
| | Fully Adhered Seal-Sealing, High Temp Waterproofing membrane | 540 | SF | \$4.50 | | \$ 2,430 | | |
| | Flashing | 180 | LF | \$25.00 | | \$ 4,500 | | |
| | 5/8-inch Type X exterior gypsum roof sheathing | 5,883 | LF | \$3.50 | | \$ 20,591 | | |
| | Gutters - Stainless Steel lining of gutter system | 109 | LF | \$70.00 | | \$ 7,630 | | |
| | New "Yankee" gutter system | 109 | LF | \$200.00 | | \$ 21,800 | | |
| | Downspouts - Stainless Steel | 140 | LF | \$55.00 | | \$ 7,700 | | |
| | Standing Seam Metal Roofing | 5,883 | SF | \$48.25 | \$ 283,868 | | | |
| | COPPER ROOFING | | | | | | | |
| | Replace Copper Rfg at Dormers (Demo, New Rfg, Flashg, Trim, Rfg Walls) | 450 | SF | \$100.00 | | \$ 45,000 | | |
| | Replace Copper Rfg at Chimney Caps | | | | | Existing to Remain | | |
| | Replace Copper Rfg at Cupula | | | | | Existing to Remain | | |
| | COPPER ROOFING | 540 | SF | \$83.33 | \$ 45,000 | | | |
| | ROOFING | 72,711 | GSF | \$25.44 | \$ 1,849,616 | | | |
| 08 | DOORS, FRAME & HARDWARE | 72,711 | SF | | | \$ 333,395 | \$ 4.59 | |
| | EXTERIOR DOORS | | | | | | | |
| | SOLID DOORS | | | | | | | |
| | NEW FRP Pair Door Exit - Cafeteria / Kitchen / Stair | 6 | EA | \$3,900.00 | | \$ 23,400 | | |
| | Panic Hardware Premium | 6 | EA | \$350.00 | | \$ 2,100 | | |
| | Door Glazing | 6 | SF | \$55.00 | | \$ 330 | | |
| | Existing Exterior Door to Remain - Pair | 12 | EA | | | Existing to Remain | | |
| | Existing Exterior Door to Remain - Single | 2 | EA | | | Existing to Remain | | |
| | Electronic Strike | 5 | EA | \$495.00 | | \$ 2,475 | | |
| | Card Reader Material | 5 | EA | \$2,500.00 | | \$ 12,500 | | |
| | Card Reader Installation | 5 | EA | \$910.00 | | \$ 4,550 | | |
| | Overhead Door at Receiving | 1 | EA | \$9,000.00 | | \$ 9,000 | | |
| | EXTERIOR DOORS | 72,711 | GSF | \$0.75 | \$ 54,355 | | | |
| | INTERIOR DOORS | | | | | | | |
| | SOLID DOORS | | | | | | | |
| | New Doors on New Frames | | | | | | | |
| | Wood Door, Single, HM Frame, HDWE | 29 | EA | \$2,220.00 | | \$ 64,380 | | No Pre-K |
| | Wood Door, Pair, HM Frame, HDWE | 9 | EA | \$3,170.00 | | \$ 28,530 | | |
| | HM Door, Single, HM Frame, HDWE | 2 | EA | \$3,120.00 | | \$ 6,240 | | |
| | Paint New Frame | 49 | EA | | | In Painting | | No Pre-K |
| | New Doors on Existing Frames | | | | | | | |
| | Wood Door, Single, EX Frame, HDWE | 61 | EA | \$2,070.00 | | \$ 126,270 | | |
| | Wood Door, Pair, EX Frame, HDWE | 8 | EA | \$2,970.00 | | \$ 23,760 | | |
| | HM Door, Single, HM Frame, HDWE | 1 | EA | \$2,920.00 | | \$ 2,920 | | |
| | Refinish Wood Trim | 78 | EA | | | In Painting | | |
| | Premium for Rated doors | 12 | EA | \$200.00 | | \$ 2,400 | | |
| | HM Borrowed Lites | 8 | EA/ALW | \$500.00 | | \$ 4,000 | | |
| | Interior Door Glazing - Classrooms | 42 | EA | \$55.00 | | \$ 2,310 | | |
| | Interior Door Glazing - Other Spaces with Wood Doors (excl corridors) | 236 | SF | \$55.00 | | \$ 12,980 | | |
| | Security Shades - Classrooms | 42 | EA | \$50.00 | | \$ 2,100 | | No Pre-K |
| | Acoustical Door Seals with sweep bottom - classroom doors | 42 | EA | \$75.00 | | \$ 3,150 | | No Pre-K |
| | INTERIOR DOORS | 72,711 | GSF | \$3.84 | \$ 279,040 | | | |
| 08 | WINDOWS & GLAZING | 72,711 | SF | | | \$ 1,471,182 | \$ 20.23 | |
| | EXTERIOR WINDOWS | | | | | | | |
| | EXTERIOR ALUMINUM STOREFRONT WINDOW SYSTEMS - REPLACE EXISTING | | | | | | | |
| | Remove Existing Windows | 5,659 | SF | \$5.00 | | \$ 28,295 | | |
| | Replace Windows - 3.5 x 6 + 3.5 x 2 half round transom | 56 | SF | \$125.00 | | \$ 7,000 | | 2 EA |
| | Replace Windows - 2-9 x 7-3 | 101 | SF | \$105.00 | | \$ 10,605 | | 5 EA |
| | Replace Windows - 3 x 8 | 144 | SF | \$105.00 | | \$ 15,120 | | 6 EA |
| | Replace Windows - 3-9 x 7-3 | 138 | SF | \$105.00 | | \$ 14,490 | | 5 EA |
| | Replace Windows - 4 x 2.5 Transom Window | 21 | SF | \$125.00 | | \$ 2,625 | | 2 EA |
| | Replace Windows - 4 x 5 | 120 | SF | \$105.00 | | \$ 12,600 | | 6 EA |
| | Replace Windows - 5 x 7-3 | 293 | SF | \$105.00 | | \$ 30,765 | | 8 EA |
| | Replace Windows - 5 x 8 | 240 | SF | \$105.00 | | \$ 25,200 | | 6 EA |
| | Replace Windows - 6 x 2.5 Transom Window | 32 | SF | \$125.00 | | \$ 4,000 | | 2 EA |
| | Replace Windows - 6 x 3 Transom Window | 100 | SF | \$125.00 | | \$ 12,500 | | 5 EA |
| | Replace Windows - 6 x 4 Transom Window | 24 | SF | \$125.00 | | \$ 3,000 | | 1 EA |
| | Replace Windows - 6 x 8 | 4,320 | SF | \$105.00 | | \$ 453,600 | | 90 EA |
| | Replace Half Round Attic Window 7 x 5H | 70 | SF | \$125.00 | | \$ 8,750 | | 2 EA |
| | REPLACE West Gym Windows w Translucent Kalwall Units - 6x8 | - | SF | \$115.00 | | in Kalwall below | | 6 EA |
| | East Gym Windows Existing to Remain | 576 | SF | | | Existing to Remain | | 12 EA |
| | School Guard Premium at windows 8' H from grade | 3,159 | SF | \$65.00 | | \$ 205,335 | | |
| | Joint sealants @ Windows/Storefront | 5,659 | SF | \$1.00 | | \$ 5,659 | | |
| | REPLACE EXTERIOR WINDOWS | 5,659 | SF | \$148.36 | \$ 839,544 | | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|--------|------|-------------|------------------------------|----------------|-------------|--|
| | EXTERIOR ALUMINUM STOREFRONT WINDOW SYSTEMS - NEW | | | | | | | No Pre-K |
| | NEW Windows - 6 x 8 | 288 | SF | \$105.00 | | \$ 30,240 | | 6 EA |
| | NEW Windows - 2x2 | 16 | SF | \$105.00 | | \$ 1,680 | | 4 EA |
| | NEW Windows - 6 x 6 | 324 | SF | \$105.00 | | \$ 34,020 | | 9 EA |
| | School Guard Premium at windows 8' H from grade | 340 | SF | \$65.00 | | \$ 22,100 | | No Pre-K |
| | Joint sealants @ Windows/Storefront | 628 | SF | \$1.00 | | \$ 628 | | No Pre-K |
| | NEW EXTERIOR WINDOWS | 628 | SF | \$141.19 | \$ 88,668 | | | |
| | EXTERIOR ALUMINUM STOREFRONT DOORS | | | | | | | No Pre-K |
| | Alumin. Pair Door - Interior Storefront Doors (Ballistic) | 7 | EA | \$16,996.00 | | \$ 118,972 | | 1PK, 2North Ent, 4Gym Vest, 1East |
| | Alumin. Pair Door - Exterior Storefront Door (School Guard) | 1 | EA | \$9,730.00 | | \$ 9,730 | | 1PK, 1East Main Ent |
| | Man Trap fail secure override system at East Main Entry | 1 | EA | \$25,000.00 | | \$ 25,000 | | |
| | EXTERIOR ALUMINUM STOREFRONT DOORS | 9 | EA | \$17,078.00 | \$ 153,702 | | | |
| | EXTERIOR ALUMINUM STOREFRONT SYSTEMS | | | | | | | No Pre-K |
| | Aluminum Storefront System (Ballistic rated) inside vestibule partition | 990 | SF | 323.00 | | \$ 319,770 | | 2North, 2East, 3Gym, no PK |
| | Aluminum Storefront System (School Guard) outside vestibule partition | 231 | SF | 150.00 | | \$ 34,650 | | 1East Vestibule sec entry, No Pre-K |
| | EXTERIOR ALUMINUM STOREFRONT SYSTEMS | 1,221 | SF | \$290.27 | \$ 354,420 | | | |
| | METAL FRAMED SKYLIGHTS | | | | | Not Applicable | | |
| | TRANSULSCENT PANEL - GYM CLEARSTORY | | | | | | | |
| | Demo Gym Clearstory Windows | 288 | SF | \$5.00 | | \$ 1,440 | | |
| | REPLACE West Gym Windows w Translucent Kalwall Units - 6x8 | 288 | SF | \$115.00 | | \$ 33,120 | | 6 EA |
| | Joint sealants @ Windows/Storefront | 288 | SF | \$1.00 | | \$ 288 | | |
| | TRANSULSCENT PANEL - GYM CLEARSTORY | 288 | SF | \$121.00 | \$ 34,848 | | | |
| 09 | DRYWALL | 72,711 | SF | | | \$ 269,940 | \$ 3.71 | |
| | PARTITIONS | | | | | | | |
| | Interior Partitions | | | | | | | No Pre-K |
| | 1.5" Gypbd [20ga Fur +Lyr IR] 13.33'ht Furring | 11,421 | SF | \$9.50 | None - See Painted CMU Part. | | | Infill Framing/GWB at Rem. Windows at Addn |
| | 4 7/8" GWB [Lyr IR+20gaMS+20ga MS+Insl+Lyr IR] 8.33'ht wind. infills | 744 | SF | \$21.00 | | \$ 15,624 | | |
| | 4 7/8" Gypbd [Lyr IR+20gaMS+Lyr IR] 4.33'ht low wall | 163 | SF | \$15.00 | | \$ 2,445 | | No Pre-K |
| | 4 7/8" Gypbd [Lyr IR+Lyr GWB+20gaMS+Insl+Lyr IR] 13.33'ht | 10,260 | SF | \$17.50 | | \$ 179,550 | | No Pre-K |
| | Infill with MS/GWB partition at Deleted Interior Doors | 273 | SF | \$17.50 | | \$ 4,778 | | No Pre-K |
| | Acoustical Joint Sealants at New Partitions | 897 | LF | \$5.00 | | \$ 4,485 | | |
| | EXISTING Partitions - Patching | | | | | | | |
| | DW Patching - Labor | 10 | CD | \$2,482.00 | | \$ 24,820 | | |
| | DW Patching - Material and Lifts | 1 | LS | \$2,500.00 | | \$ 2,500 | | |
| | GWB Soffits Allowance = 5% of all ACT Ceilings | 2,383 | SF | \$15.00 | | \$ 35,738 | | |
| | Interior Partitions | 72,711 | GSF | \$3.71 | \$ 269,940 | | | |
| | Exterior Gypbd Partitions | | | | None - See Painted CMU Part. | | | |
| 09 | CEILINGS | 72,711 | SF | | | \$ 424,982 | \$ 5.84 | |
| | CEILING FINISHES | | | | | | | |
| | Admin - Faculty Dining | 419 | SF | \$6.50 | | \$ 2,724 | | 2x2 ACT |
| | Admin - Main Office | 927 | SF | \$6.50 | | \$ 6,026 | | 2x2 ACT |
| | Admin - Nurse | 545 | SF | \$6.50 | | \$ 3,543 | | 2x2 ACT |
| | Admin - Office | 324 | SF | \$6.50 | | \$ 2,106 | | 2x2 ACT |
| | Admin - PE Office | 118 | SF | \$6.50 | | \$ 767 | | 2x2 ACT |
| | | 2,333 | | | | | | |
| | Cafeteria | 2,877 | SF | \$2.50 | | | in Painting | Open Ceiling Ptd Black |
| | ACT Clouds (or similar acoustical treatment) 1/3 of total area | 949 | SF | \$6.50 | | \$ 6,171 | | 2x2 ACT |
| | Corridor - no PK | 11,204 | SF | \$6.50 | | \$ 72,826 | | 2x2 ACT |
| | CR - 1st Grade | 3,360 | SF | \$6.50 | | \$ 21,840 | | 2x2 ACT |
| | CR - 2nd Grade | 3,469 | SF | \$6.50 | | \$ 22,549 | | 2x2 ACT |
| | CR - 3rd Grade | 3,288 | SF | \$6.50 | | \$ 21,372 | | 2x2 ACT |
| | CR - 4th Grade | 3,354 | SF | \$6.50 | | \$ 21,801 | | 2x2 ACT |
| | CR - 5th Grade | 3,454 | SF | \$6.50 | | \$ 22,451 | | 2x2 ACT |
| | CR - Kindergarten | 3,396 | SF | \$6.50 | | \$ 22,074 | | 2x2 ACT |
| | CR - Pre-K | - | SF | \$6.50 | | \$ - | | 2x2 ACT |
| | | 20,321 | | | | | | |
| | CR Special - ALP ELA | 702 | SF | \$6.50 | | \$ 4,563 | | 2x2 ACT |
| | CR Special - Applied Math & Science | 735 | SF | \$6.50 | | \$ 4,778 | | 2x2 ACT |
| | CR Special - Art | 1,102 | SF | \$6.50 | | \$ 7,163 | | 2x2 ACT |
| | CR Special - Band | 714 | SF | \$6.50 | | \$ 4,641 | | 2x2 ACT |
| | 4 ft by 4 ft inverted pyramidal panels - Premium | 357 | SF | \$10.00 | | \$ 3,570 | | |
| | CR Special - Choral | 842 | SF | \$6.50 | | \$ 5,473 | | 2x2 ACT |
| | 4 ft by 4 ft inverted pyramidal panels - Premium | 421 | SF | \$10.00 | | \$ 4,210 | | |
| | CR Special - ESOL | 420 | SF | \$6.50 | | \$ 2,730 | | 2x2 ACT |
| | CR Special - FLES / Spanish | 674 | SF | \$6.50 | | \$ 4,381 | | 2x2 ACT |
| | CR Special - Math | 280 | SF | \$6.50 | | \$ 1,820 | | 2x2 ACT |
| | CR Special - Orchestra | 493 | SF | \$6.50 | | \$ 3,205 | | 2x2 ACT |
| | CR Special - OT/PT | 434 | SF | \$6.50 | | \$ 2,821 | | 2x2 ACT |
| | CR Special - Psych | 186 | SF | \$6.50 | | \$ 1,209 | | 2x2 ACT |
| | CR Special - Reading INT. | 314 | SF | \$6.50 | | \$ 2,041 | | 2x2 ACT |
| | CR Special - Sensory | 443 | SF | \$6.50 | | \$ 2,880 | | 2x2 ACT |
| | CR Special - Social Work | 301 | SF | \$6.50 | | \$ 1,957 | | 2x2 ACT |
| | CR Special - SPED Resource | 1,399 | SF | \$6.50 | | \$ 9,094 | | 2x2 ACT |
| | CR Special - Speech | 237 | SF | \$6.50 | | \$ 1,541 | | 2x2 ACT |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|--------------|--------|------------|-----------------------------|--------------|---------|-------------------------------------|
| | | 9,276 | | | | | | |
| | Elevator | 101 | SF | \$6.50 | | \$ 657 | | 2x2 ACT |
| | Gym | 3,940 | SF | \$2.50 | | in Painting | | Open Ceiling Ptd Black |
| | Gym Stage | 1,249 | SF | \$2.50 | | in Painting | | Open Ceiling Ptd Black |
| | | 5,189 | | | | | | |
| | Kitchen | 825 | SF | \$7.75 | | \$ 6,394 | | Kitchen zone washable 2x4 ACT |
| | Kitchen Servery | 396 | SF | \$7.75 | | \$ 3,069 | | Kitchen zone washable 2x4 ACT |
| | | 1,221 | | | | | | |
| | Media Center | 3,047 | SF | \$2.50 | | in Painting | | Open Ceiling Ptd Black |
| | ACT Clouds 1/3 of total area | 1,006 | SF | \$6.50 | | \$ 6,536 | | 2x2 ACT |
| | MEP - Electrical Room | 700 | SF | \$6.50 | | \$ 4,550 | | 2x2 ACT |
| | MEP - Intermediate Distribution Frame | 72 | SF | \$6.50 | | \$ 468 | | 2x2 ACT |
| | MEP - JC | 117 | SF | \$0.00 | Exposed Structure NO Finish | | | |
| | MEP - Main Distribution Frame | 285 | SF | \$6.50 | | \$ 1,853 | | 2x2 ACT |
| | MEP - Mech / Building Storage | 992 | SF | \$0.00 | Exposed Structure NO Finish | | | |
| | MEP - Mech / Water | 676 | SF | \$0.00 | Exposed Structure NO Finish | | | |
| | MEP - Receiving / Facilities | 900 | SF | \$0.00 | Exposed Structure NO Finish | | | |
| | | 3,742 | | | | | | |
| | Multipurpose | 853 | SF | \$2.50 | | in Painting | | Open Ceiling Ptd Black |
| | Stairs 1 | 323 | SF | \$2.50 | | in Painting | | Open Ceiling Ptd White |
| | Stairs 2 | 75 | SF | \$2.50 | | in Painting | | Open Ceiling Ptd White |
| | Stair 3 | 274 | SF | \$2.50 | | in Painting | | Open Ceiling Ptd White |
| | Stair 4 | 276 | SF | \$2.50 | | in Painting | | Open Ceiling Ptd White |
| | Stairs - New West Stair at Addition | 607 | SF | \$6.50 | | \$ 3,946 | | 2x2 ACT |
| | | 1,555 | | | | | | |
| | Storage - Band | 51 | SF | \$6.50 | | \$ 332 | | 2x2 ACT |
| | Storage - Gym | 290 | SF | \$6.50 | | \$ 1,885 | | 2x2 ACT |
| | Storage - Orchestra | 56 | SF | \$6.50 | | \$ 364 | | 2x2 ACT |
| | Storage - PE Office | 39 | SF | \$6.50 | | \$ 254 | | 2x2 ACT |
| | Storage - Storage/Copy | 173 | SF | \$6.50 | | \$ 1,125 | | 2x2 ACT |
| | | 609 | | | | | | |
| | Toilet Rm - Single with Shower EXISTING | 69 | SF | | ACT Existing to Remain | | | |
| | Toilet Rm - 1st EXISTING | 84 | SF | | ACT Existing to Remain | | | |
| | Toilet Rm - Boys EXISTING | 545 | SF | | ACT Existing to Remain | | | |
| | Toilet Rm - Girls EXISTING | 535 | SF | | ACT Existing to Remain | | | |
| | Toilet Rm - K EXISTING | 262 | SF | | ACT Existing to Remain | | | |
| | Toilet Rm - Mens | 203 | SF | \$6.50 | | \$ 1,320 | | 2x2 ACT |
| | Toilet Rm - Pre-K | - | SF | \$6.50 | | \$ - | | 2x2 ACT |
| | Toilet Rm - Single | 229 | SF | \$6.50 | | \$ 1,489 | | 2x2 ACT |
| | Toilet Rm - Single Gym | 106 | SF | \$6.50 | | \$ 689 | | 2x2 ACT |
| | Toilet Rm - Single Nurse | 51 | SF | \$6.50 | | \$ 332 | | 2x2 ACT |
| | Toilet Rm - Womens | 169 | SF | \$6.50 | | \$ 1,099 | | 2x2 ACT |
| | | 2,253 | | | | | | |
| | Vestibule - East Vestibule Main Entry | 85 | SF | \$6.50 | | \$ 553 | | 2x2 ACT |
| | Vestibule - East Vestibule Main Secure Entry | 190 | SF | \$6.50 | | \$ 1,235 | | 2x2 ACT |
| | Vestibule - North 1 | 66 | SF | \$6.50 | | \$ 429 | | 2x2 ACT |
| | Vestibule - North 2 | 61 | SF | \$6.50 | | \$ 397 | | 2x2 ACT |
| | Vestibule - Gym North | 244 | SF | \$6.50 | | \$ 1,586 | | 2x2 ACT |
| | Vestibule - Gym North 1 | 55 | SF | \$6.50 | | \$ 358 | | 2x2 ACT |
| | Vestibule - Gym South 1 | 69 | SF | \$6.50 | | \$ 449 | | 2x2 ACT |
| | Vestibule - Gym South 2 | 210 | SF | \$6.50 | | \$ 1,365 | | 2x2 ACT |
| | Vestibule - North East Vestibule | 207 | SF | \$6.50 | | \$ 1,346 | | 2x2 ACT |
| | Vestibule - Pre-K | - | SF | \$6.50 | | \$ - | | 2x2 ACT |
| | Vestibule - South East Vestibule | 198 | SF | \$6.50 | | \$ 1,287 | | 2x2 ACT |
| | | 1,385 | | | | | | |
| | CEILING FINISHES | 72,711 | GSF | \$4.67 | \$ 339,694 | | | |
| | ACOUSTICAL WALL AND CEILING PANELS | | | | | | | |
| | Platform Exposed Ceiling Deck - 2" Selectsound acoustical Board | 312 | SF/ALW | 25.00 | | \$ 7,806 | | Assume 25% Area |
| | Gym Wall Panels | 709 | SF/ALW | 55.00 | | \$ 38,981 | | 270' perimeter x 63" / 2 |
| | Media Center Wall Panels | | | | | Not Required | | |
| | Cafeteria Wall Panels | 300 | SF/ALW | 55.00 | | \$ 16,500 | | |
| | Music - Wall Panels | 200 | sf | 55.00 | | \$ 11,000 | | |
| | Band - Wall Panels | 200 | sf | 55.00 | | \$ 11,000 | | |
| | ACOUSTICAL WALL AND CEILING PANELS | 72,711 | GSF | \$1.17 | \$ 85,288 | | | |
| 09 | TILE | 72,711 | SF | | | \$ 213,065 | \$ 2.93 | |
| | WALL TILE | | | | | | | |
| | New Toilet Rooms and at Drinking Fountains - no PK | 793 | SF | \$19.00 | | \$ 15,067 | | 9'Ht Ceramic Wall Tile on Wet Walls |
| | Install NEW Ceramic Wall Tile over EXISTING corridor wainscot | 7,198 | SF | \$19.00 | | \$ 136,762 | | 5'Ht |
| | New Ceramic Tile Wainscot at NEW Corridor Partitions in Addn - no PK | 1,470 | SF | \$19.00 | | \$ 27,930 | | 5'Ht |
| | New Ceramic Tile Wainscot at NEW Corridor Partitions in Existing Building | 540 | SF | \$19.00 | | \$ 10,260 | | 5'Ht |
| | Patch Corridor Ceramic Wall Tile Wainscot at reconfigured doors (infills) | 195 | SF | \$19.00 | | \$ 3,705 | | |
| | Patch Corridor Ceramic Wall Tile Wainscot at new doors in existing corridor | 12 | LOC | \$410.00 | | \$ 4,920 | | |
| | WALL TILE | 72,711 | GSF | \$2.73 | \$ 198,644 | | | |
| | FLOOR TILE | | | | | | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|--------|------|------------|--------------------------------------|--------------------|---------|--|
| | Ceramic Floor Tile at Existing Toilet Rooms | | | | | Existing to Remain | | |
| | New Toilet Room Ceramic Floor Tile - no PK | 759 | SF | \$19.00 | | \$ 14,421 | | |
| | Kitchen and Servery - Epoxy Flooring w integral base | | | | | in Flooring | | |
| | FLOOR TILE | 72,711 | GSF | \$0.20 | \$ 14,421 | | | |
| 09 | FLOORING | 72,711 | SF | | | \$ 498,649 | \$ 6.86 | |
| | FLOOR FINISHES | | | | | | | |
| | Admin - Faculty Dining | 419 | SF | \$6.50 | | \$ 2,724 | | Luxury vinyl tile; 4-inch resilient base. |
| | Admin - Main Office | 927 | SF | \$6.50 | | \$ 6,026 | | Luxury vinyl tile; 4-inch resilient base. |
| | Admin - Nurse | 545 | SF | \$12.00 | | \$ 6,540 | | Vinyl sheet flooring; 4-inch resilient base. |
| | Admin - Office | 324 | SF | \$7.00 | | \$ 2,268 | | Carpet Tile; 4-inch resilient base. |
| | Admin - PE Office | 118 | SF | \$6.50 | | \$ 767 | | Luxury vinyl tile; 4-inch resilient base. |
| | | 2,333 | | | | | | |
| | Cafeteria | 2,877 | SF | \$6.50 | | \$ 18,701 | | Luxury vinyl tile; 4-inch resilient base. |
| | Corridor | 11,544 | SF | | Existing Terrazzo Flooring to Remain | | | Polishing in Final Cleaning Cost |
| | Corridor - Terrazzo Floor Patching Allowance | 250 | SF | \$100.00 | | \$ 25,000 | | |
| | CR - 1st Grade | 3,360 | SF | \$6.50 | | \$ 21,840 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR - 2nd Grade | 3,469 | SF | \$6.50 | | \$ 22,549 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR - 3rd Grade | 3,288 | SF | \$6.50 | | \$ 21,372 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR - 4th Grade | 3,354 | SF | \$6.50 | | \$ 21,801 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR - 5th Grade | 3,454 | SF | \$6.50 | | \$ 22,451 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR - Kindergarten | 3,396 | SF | \$6.50 | | \$ 22,074 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR - Pre-K | - | SF | \$6.50 | | \$ - | | Luxury vinyl tile; 4-inch resilient base. |
| | | 20,321 | | | | | | |
| | CR Special - ALP ELA | 702 | SF | \$6.50 | | \$ 4,563 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - Applied Math & Science | 735 | SF | \$12.00 | | \$ 8,820 | | Vinyl sheet flooring; 4-inch resilient base. |
| | CR Special - Art | 1,102 | SF | \$9.00 | | \$ 9,918 | | Dur-a-flex Epoxy Flooring w integral base |
| | CR Special - Band | 714 | SF | \$13.00 | | \$ 9,282 | | Acoustical vinyl sheet flooring |
| | CR Special - Choral | 842 | SF | \$13.00 | | \$ 10,946 | | Acoustical vinyl sheet flooring |
| | CR Special - ESOL | 420 | SF | \$6.50 | | \$ 2,730 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - FLES / Spanish | 674 | SF | \$6.50 | | \$ 4,381 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - Math | 280 | SF | \$6.50 | | \$ 1,820 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - Orchestra | 493 | SF | \$6.50 | | \$ 3,205 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - OT/PT | 434 | SF | \$6.50 | | \$ 2,821 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - Psych | 186 | SF | \$6.50 | | \$ 1,209 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - Reading INT. | 314 | SF | \$6.50 | | \$ 2,041 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - Sensory | 443 | SF | \$6.50 | | \$ 2,880 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - Social Work | 301 | SF | \$6.50 | | \$ 1,957 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - SPED Resource | 1,399 | SF | \$6.50 | | \$ 9,094 | | Luxury vinyl tile; 4-inch resilient base. |
| | CR Special - Speech | 237 | SF | \$6.50 | | \$ 1,541 | | Luxury vinyl tile; 4-inch resilient base. |
| | | 9,276 | | | | | | |
| | Elevator | 101 | SF | \$6.50 | | \$ 657 | | Luxury vinyl tile; 4-inch resilient base. |
| | Gym | 3,940 | SF | \$3.00 | | \$ 11,820 | | Refinish Flooring |
| | Gym Stage | 1,249 | SF | \$2.50 | | \$ 3,123 | | Refinish Flooring |
| | | 5,189 | | | | | | |
| | Kitchen | 825 | SF | \$9.00 | | \$ 7,425 | | Dur-a-flex Epoxy Flooring w integral base |
| | Kitchen Servery | 396 | SF | \$9.00 | | \$ 3,564 | | Dur-a-flex Epoxy Flooring w integral base |
| | | 1,221 | | | | | | |
| | Media Center - LVT | 1,524 | SF | \$6.50 | | \$ 9,903 | | 50% Area Luxury vinyl tile; 4-inch res base. |
| | Media Center - Carpet Tile | 1,524 | SF | \$7.00 | | \$ 10,665 | | 50% area Carpet Tile; 4-inch resilient base. |
| | MEP - Electrical Room | 700 | SF | \$6.50 | | \$ 4,550 | | Luxury vinyl tile; 4-inch resilient base. |
| | MEP - Intermediate Distribution Frame | 72 | SF | \$6.50 | | \$ 468 | | Luxury vinyl tile; 4-inch resilient base. |
| | MEP - JC | 117 | SF | \$2.00 | | \$ 234 | | Sealed Concrete Floor |
| | MEP - Main Distribution Frame | 285 | SF | \$6.50 | | \$ 1,853 | | Luxury vinyl tile; 4-inch resilient base. |
| | MEP - Mech / Building Storage | 992 | SF | \$2.00 | | \$ 1,984 | | Sealed Concrete Floor |
| | MEP - Mech / Water | 676 | SF | \$2.00 | | \$ 1,352 | | Sealed Concrete Floor |
| | MEP - Receiving / Facilities | 900 | SF | \$2.00 | | \$ 1,800 | | Sealed Concrete Floor |
| | | 3,742 | | | | | | |
| | Multipurpose | 853 | SF | \$6.50 | | \$ 5,545 | | Luxury vinyl tile; 4-inch resilient base. |
| | Stairs 1 | 323 | SF | \$15.50 | | \$ 5,007 | | Replace Rubber Stair Treads and Risers |
| | Stairs 2 | 75 | SF | \$15.50 | | \$ 1,163 | | Replace Rubber Stair Treads and Risers |
| | Stair 3 | 274 | SF | \$15.50 | | \$ 4,247 | | Replace Rubber Stair Treads and Risers |
| | Stair 4 | 276 | SF | \$15.50 | | \$ 4,278 | | Replace Rubber Stair Treads and Risers |
| | Stairs - West Stair at Addition | 607 | SF | \$15.00 | | \$ 9,105 | | New Rubber RST & R LVT Landings |
| | | 1,555 | | | | | | |
| | Storage - Band | 51 | SF | \$6.50 | | \$ 332 | | Luxury vinyl tile; 4-inch resilient base. |
| | Storage - Gym | 290 | SF | \$6.50 | | \$ 1,885 | | Luxury vinyl tile; 4-inch resilient base. |
| | Storage - Orchestra | 56 | SF | \$6.50 | | \$ 364 | | Luxury vinyl tile; 4-inch resilient base. |
| | Storage - PE Office | 39 | SF | \$6.50 | | \$ 254 | | Luxury vinyl tile; 4-inch resilient base. |
| | Storage - Storage/Copy | 173 | SF | \$6.50 | | \$ 1,125 | | Luxury vinyl tile; 4-inch resilient base. |
| | | 609 | | | | | | |
| | Toilet Rm - Single with Shower EXISTING | 69 | SF | | | Existing to Remain | | |
| | Toilet Rm - 1st EXISTING | 84 | SF | | | Existing to Remain | | |
| | Toilet Rm - Boys EXISTING | 545 | SF | | | Existing to Remain | | |
| | Toilet Rm - Girls EXISTING | 535 | SF | | | Existing to Remain | | |

Page 11 of 24



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|--------|------|-------------|------------|-------------------------|------|--|
| | Trash Can | 1 | EA | \$100.00 | \$ 100 | | | |
| | Sanitary Napkin Dispenser | | | | N/R | | | |
| | Baby Changing Table | | | | N/R | | | |
| | Install Toilet accessories | 8 | EA | \$130.00 | \$ 1,040 | | | |
| | TOILET & BATH ACCESSORIES - SINGLE | 72,711 | GSF | \$0.02 | \$ 1,623 | | | |
| | TOILET & BATH ACCESSORIES - JANITORS CLOSET | 2 | RMS | <<info>> | \$ 610 | \$ 1,220 | | |
| | Mop Holder & Hook Strip w/ Shelf | 2 | EA | \$175.00 | \$ 350 | | | |
| | Install Toilet accessories | 2 | EA | \$130.00 | \$ 260 | | | |
| | TOILET & BATH ACCESSORIES - JANITORS CLOSET | 72,711 | GSF | \$0.01 | \$ 610 | | | |
| | FIRE EXTINGUISHER CABINETS | | | | | | | |
| | Fire Extinguisher, Cabinet, Fire Blanket - Science | 1 | EA | \$618.00 | \$ 618 | | | |
| | Fire Extinguisher, Cabinet, Fire Blanket - Art | 1 | EA | \$618.00 | \$ 618 | | | |
| | Fire Extinguisher, Cabinet, Fire Blanket - Janitorial Spaces | 2 | EA | \$618.00 | \$ 1,236 | | | |
| | Fire Extinguisher, Cabinet, Fire Blanket - Corridors 1st & 2nd Floor | 2 | EA | \$618.00 | \$ 1,236 | | | |
| | Fire Extinguisher, Cabinet, Fire Blanket - Type K in Kitchen | 1 | EA | \$500.00 | \$ 500 | | | |
| | MARKER BOARDS, TACK BOARDS AND DISPLAY CASES | | | | | | | |
| | Classrooms | | | | | | | |
| | Tack board surfaces | | | | | in Furnishings | | |
| | Marker board surfaces | | | | | in Furnishings | | |
| | Tack Strips and Map Rail | | | | | in Furnishings | | |
| | Installation | | | | | in Furnishings | | |
| | Corridors | | | | | | | |
| | Non Illuminated Bulletin Boards | 10 | EA | \$960.00 | \$ 9,600 | | | assumed scope |
| | Installation | 10 | EA | \$75.00 | \$ 750 | | | assumed scope |
| | Admin Office | | | | | | | |
| | Magnetic White Marker Board 6'Wx4'H - Admin Conference | 1 | EA | \$600.00 | \$ 600 | | | assumed scope |
| | Tackboard Board 4'Wx4'H - Admin Conference | 1 | EA | \$528.00 | \$ 528 | | | assumed scope |
| | Magnetic White Marker Board 6'Wx4'H Office Conference | 1 | EA | \$600.00 | \$ 600 | | | assumed scope |
| | Installation | 3 | EA | \$75.00 | \$ 225 | | | assumed scope |
| | Refurbish existing tackboards, display cases - trim and tack surfaces | 3 | CD | \$2,968.00 | \$ 8,904 | | | assumed scope |
| | Materials | 1 | LS | \$2,000.00 | \$ 2,000 | | | Carp - 2L + 2J + 1S + Equipmt/Lifts + PPE |
| | MARKER BOARDS, TACK BOARDS AND DISPLAY CASES | 72,711 | GSF | \$0.32 | \$ 23,207 | | | |
| | IDENTIFYING DEVICES | | | | | | | |
| | Room Signs including braille | 118 | RMS | \$75.00 | \$ 8,850 | | | No Pre-K |
| | Directional Signage | 24 | EA | \$100.00 | \$ 2,400 | | | No Pre-K |
| | COS warning signage | 1 | EA | \$50.00 | \$ 50 | | | |
| | Building Plaques and Special Signage | 1 | ALW | \$2,500.00 | \$ 2,500 | | | |
| | RIVERSIDE SCHOOL - Building Entry Sign - Refurbish Building Sign | 1 | ALW | \$5,000.00 | \$ 5,000 | | | |
| | RIVERSIDE SCHOOL - Building Entry Sign - New Site Sign | 1 | ALW | \$15,000.00 | \$ 15,000 | | | |
| | IDENTIFYING DEVICES | 72,711 | GSF | \$0.46 | \$ 33,800 | | | |
| | LOCKERS | | | | | | | |
| | Metal lockers, 12" W x 15" D x 60" H, Double Tier - Students | 143 | EA | \$375.00 | \$ 53,438 | | | Does not include PK (60), K (60), 1st (30) |
| | Accessible Lockers - 2% | 3 | EA | \$375.00 | \$ 1,069 | | | |
| | Metal lockers, 12" W x 15" D x 60" H, 2 Tier Height - Kitchen | 8 | EA | \$375.00 | \$ 3,000 | | | assumed scope |
| | Metal lockers, 12" W x 15" D x 60" H, 2 Tier Height - Staff | 10 | EA | \$375.00 | \$ 3,750 | | | assumed scope |
| | Cubbies | | | | | in Furnishings | | |
| | LOCKERS | 10 | EA | \$6,125.70 | \$ 61,257 | | | |
| | FOLDING PARTITIONS | | | | | Not Applicable | | |
| | OTHER INTERIOR SPECIALTIES | | | | | | | |
| | Misc. Metal Allowance | 72,711 | GSF | \$1.00 | \$ 72,711 | | | |
| | US Flag & Wall Mount - 1 per classroom - F&I | 42 | EA | \$125.00 | \$ 5,250 | | | No Pre-K |
| | Exterior Flag Pole, 2 flag capacity, crank operation | | | | | In Site Improvements | | |
| | | 72,711 | GSF | \$1.07 | \$ 77,961 | | | |
| 11 | EQUIPMENT | 72,711 | SF | | \$ 963,060 | \$ 13.25 | | |
| | COMMERCIAL EQUIPMENT | | | | | | | |
| | LAUNDRY EQUIPMENT | | | | | | | |
| | ADA Residential Washer | 1 | EA | \$2,500.00 | | Deleted, not in Ed Spec | | |
| | ADA Residential Dryer | 1 | EA | \$2,500.00 | | Deleted, not in Ed Spec | | |
| | RESIDENTIAL EQUIPMENT | | | | | | | |
| | Microwave and Refrigerator at Kitchenettes | 1 | SET | \$2,000.00 | \$ 2,000 | | | Main Office assumed scope |
| | Nurses Office - Full Size Refrigerator | 1 | EA | \$2,200.00 | \$ 2,200 | | | assumed scope |
| | COMMERCIAL EQUIPMENT | 72,711 | GSF | \$0.06 | \$ 4,200 | | | |
| | MEDICAL EQUIPMENT | | | | | | | |
| | Recessed Defibrillator | 5 | EA | \$500.00 | \$ 2,500 | | | assumed scope |
| | Examination Table | 1 | EA | \$2,500.00 | \$ 2,500 | | | assumed scope |
| | Nurses Office - Lockable Storage Closet | 1 | EA | \$850.00 | \$ 850 | | | assumed scope |
| | Nurses Office - Medical Storage | 1 | EA | \$500.00 | \$ 500 | | | assumed scope |
| | NEW AUDITORIUM & STAGE EQUIPMENT | | | | | | | |
| | Flame retardant man. stage curtains/valance, draw-curtain tracks & rigging. | 1 | LS | \$80,000.00 | \$ 80,000 | | | |
| | Stage rigging supporting fly syst for 2-3 hoists w limited slip & counter wt mechs | | | | | in above | | |
| | Two static electric arrays with LEDs | | | | | in Electrical | | |
| | One static front-stage lighting rig with two movers and LED stage lighting | | | | | in Electrical | | |
| | Lighting board with 2 universes. | | | | | in Electrical | | |
| | Passive speaker arrays fed into backstage power unit | | | | | in Electrical | | |
| | 4 wireless receivers and handheld microphones. | | | | | in Electrical | | |
| | Digital/programmable sound board with inputs for body mics for theatrical productions | | | | | in Electrical | | |
| | Projector and projector screen | | | | | in Electrical | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|-------|--------|-------------|------------|---------------|------|--|
| | MEDIA CENTER EQUIPMENT | | | | | in FFE | | |
| | ART ROOM EQUIPMENT | | | | | | | |
| | Electric kiln and wire mesh drying rack | 1 | EA | \$3,500.00 | | \$ 3,500 | | assumed scope |
| | AUDIO-VISUAL EQUIPMENT | | | | | in Electrical | | |
| | Interactive Monitors | | | | | | | |
| | INSTRUMENTAL EQUIPMENT | | | | | | | |
| | Wenger music instrument and sheet music storage | 1 | LS | \$20,000.00 | | \$ 20,000 | | |
| | OTHER EQUIPMENT | | | | | | | |
| | FOOD SERVICE EQUIPMENT - Sample Budget for Prep & Cooking Kitchens | | | | | | | |
| | Food Preparation - Food Service Equipment | | | | | | | |
| | Mop Sink Cabinet with Service Faucet | 1 | EA | \$5,800 | | \$ 5,800 | | |
| | One (1) two-section freezer. | 1 | LS | \$69,900 | | \$ 69,900 | | |
| | One (1) three-section reach-in refrigerators | | | | | in above | | |
| | Cooler Remote Condensing Unit | | | | | in above | | |
| | Cooler Evaporator Coil | | | | | in above | | |
| | Freezer Remote Condensing Unit | | | | | in above | | |
| | Freezer Evaporator Coil | | | | | in above | | |
| | Mobile Shelving Unit, Four-Tier | 9 | EA | \$550 | | \$ 4,950 | | |
| | Dunnage Rack, Mobile | 2 | EA | \$325 | | \$ 650 | | |
| | Storage Shelving, Five-Tier | 7 | EA | \$310 | | \$ 2,170 | | |
| | Mobile Shelving Unit, Four-Tier | 5 | EA | \$550 | | \$ 2,750 | | |
| | Water Filter Assembly | 1 | EA | \$1,400 | | \$ 1,400 | | |
| | SINGLE Convection ovens | 1 | EA | \$52,500 | | \$ 52,500 | | |
| | Pan Rack, Mobile | 6 | EA | \$600 | | \$ 3,600 | | |
| | 4-burner range / Braiser | 1 | EA | \$32,800 | | \$ 32,800 | | |
| | Steamer | 1 | EA | \$28,600 | | \$ 28,600 | | |
| | Hood and fire system | 1 | EA | \$36,600 | | \$ 36,600 | | |
| | Utility distribution system | 1 | EA | \$42,500 | | \$ 42,500 | | |
| | Wall Shelf | 1 | EA | \$950 | | \$ 950 | | |
| | Prep Table with Sinks | 1 | EA | \$8,800 | | \$ 8,800 | | |
| | Cook's Work Table | 1 | EA | \$10,200 | | \$ 10,200 | | |
| | Food Processor | 1 | EA | \$1,800 | | \$ 1,800 | | |
| | Accessible Prep Station with Sink | 1 | EA | \$6,400 | | \$ 6,400 | | |
| | Mobile Work Table | 2 | EA | \$1,450 | | \$ 2,900 | | |
| | Drop Cord | 4 | EA | \$500 | | \$ 2,000 | | |
| | Slicer | 1 | EA | \$14,500 | | \$ 14,500 | | |
| | Mobile Equipment Stand | 1 | EA | \$1,000 | | \$ 1,000 | | |
| | Mobile Hot Food Holding Cabinet | 2 | EA | \$7,100 | | \$ 14,200 | | |
| | Mobile Work Table | 2 | EA | \$1,450 | | \$ 2,900 | | |
| | Refrigerator, Pass-Thru | 1 | EA | \$22,800 | | \$ 22,800 | | |
| | Accessible Hand Sink | 1 | EA | \$1,520 | | \$ 1,520 | | |
| | Utility Cart | 3 | EA | \$900 | | \$ 2,700 | | |
| | Serving Counter | 1 | EA | \$21,200 | | \$ 21,200 | | |
| | Convertible Glass Food Protector with Warmer | 1 | EA | \$6,800 | | \$ 6,800 | | |
| | Two-Tier Self-Serve Glass Food Protector Case | 1 | EA | \$5,800 | | \$ 5,800 | | |
| | Heated Black Glass Surface, Drop-In | 1 | EA | \$2,800 | | \$ 2,800 | | |
| | Heated Shelf, Two-Tier | 1 | EA | \$3,800 | | \$ 3,800 | | |
| | Cold Pan, Drop-In | 1 | EA | \$3,800 | | \$ 3,800 | | |
| | Refrigerated Self-Service Air Screen Display Case | 2 | EA | \$14,250 | | \$ 28,500 | | |
| | Cold Pan, Drop-In | 1 | EA | \$3,800 | | \$ 3,800 | | |
| | Serving Counter | 1 | EA | \$21,200 | | \$ 21,200 | | |
| | Two-Tier Self-Serve Glass Food Protector Case | 1 | EA | \$8,200 | | \$ 8,200 | | |
| | Full-Service Glass Food Protector Case | 1 | EA | \$5,800 | | \$ 5,800 | | |
| | Hot/Cold Food Wells | 2 | EA | \$12,400 | | \$ 24,800 | | |
| | Milk Cooler | 1 | EA | \$2,300 | | \$ 2,300 | | |
| | Mobile Cashier Stand | 2 | EA | \$9,060 | | \$ 18,120 | | |
| | Mobile cold food counter | 1 | EA | \$18,500 | | \$ 18,500 | | |
| | Mobile Condiment Counter | 2 | EA | \$7,250 | | \$ 14,500 | | |
| | Traffic Stanchion (set of three) | 2 | EA | \$175 | | \$ 350 | | |
| | Hand Sink | 2 | EA | \$1,350 | | \$ 2,700 | | |
| | Three-Compartment Sink | 1 | EA | \$12,500 | | \$ 12,500 | | |
| | Wall Shelf | 1 | EA | \$950 | | \$ 950 | | |
| | Roll-Down Shutter | 1 | EA | \$4,500 | | \$ 4,500 | | |
| | Soiled Ware Table | 1 | EA | \$14,500 | | \$ 14,500 | | |
| | Hose Reel Assembly | 1 | EA | \$1,450 | | \$ 1,450 | | |
| | Water Filter | 1 | EA | \$980 | | \$ 980 | | |
| | Rack Conveyor Dishwasher | 1 | EA | \$45,600 | | \$ 45,600 | | |
| | Stainless Steel Exhaust Duct | 1 | EA | \$4,200 | | \$ 4,200 | | |
| | Clean Ware Table | 1 | EA | \$9,500 | | \$ 9,500 | | |
| | Installation | 17 | CRWDY | \$ 2,968.00 | | \$ 50,800 | | |
| | FOOD SERVICE EQUIPMENT - Sample Budget for Prep & Cooking Kitchens | 1,890 | SF KIT | \$ 378.22 | \$ 714,840 | | | Carp CD 2L+2J+1S + Equipmt/Lifts + PPE |
| | LOADING DOCK EQUIPMENT | 1 | ALLW | \$2,500.00 | | \$ 2,500 | | assumed scope |
| | ATHLETIC EQUIPMENT | | | | | | | |
| | Retractable Main Court BB Goals | 2 | EA | \$5,500.00 | | \$ 11,000 | | |
| | Retractable Side Court BB Goals | 4 | EA | \$3,500.00 | | \$ 14,000 | | |
| | Support Framing for BB Goals | 6 | EA | \$1,500.00 | | \$ 9,000 | | |
| | Gym wall pads 6'H | 1,398 | SF | \$15.00 | | \$ 20,970 | | |
| | Roll Down Divider Gym Curtain | 56 | LF | \$200.00 | | \$ 11,200 | | |
| | Scoreboard | 1 | EA | \$12,000.00 | | \$ 12,000 | | |
| | Volleyball net with insert stanchions | 8 | EA | \$725.00 | | | | Deleted, not in Ed Spec |
| | Volleyball Referees Platform | 1 | EA | \$1,650.00 | | | | Deleted, not in Ed Spec |
| | Retractable Bleachers, stl framed, plastic, int access. 5Tier, 28LF, 3EA | 100 | EA | \$250.00 | | \$ 25,000 | | |
| | Chinning Bar and Horizontal Bar | 4 | EA | \$750.00 | | \$ 3,000 | | |
| | Cargo Net | 1 | LS | \$1,500.00 | | \$ 1,500 | | |
| | Rope Climbing | 1 | LS | \$1,500.00 | | \$ 1,500 | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|--------|------|-------------|----------------|--------------|----------|-----------------------------|
| | ATHLETIC EQUIPMENT | 72,711 | GSF | \$1.50 | \$ 109,170 | | | |
| | MISC EQUIPMENT | | | | | | | |
| | Industrial Shelves | 25 | EA | \$300.00 | | \$ 7,500 | | assumed scope |
| | Music Platform | 1 | ALW | \$15,000.00 | | \$ 15,000 | | assumed scope |
| | Trash Receptacles | 6 | EA | \$750.00 | | | | in Site Improvements |
| | Steel Bollards | 8 | EA | \$1,200.00 | | | | in Site Improvements |
| | Site Benches | 6 | EA | \$3,000.00 | | | | in Site Improvements |
| 12 | FURNISHINGS | 72,711 | SF | | | \$ 1,063,254 | \$ 14.62 | |
| | FIXED FURNISHINGS | | | | | | | |
| | CASEWORK | | | | | | | |
| | PK & K | | | | | | | |
| | Base Cab with Solid Surface Countertops | 4 | EA | <<info>> | \$ 29,492 | \$ 117,968 | | No Pre-K |
| | Wall Cabinet Units 4'H | 12 | LF | \$415.00 | \$ 4,980 | | | |
| | Solid Surface ADA Countertop | 16 | LF | \$250.00 | \$ 4,000 | | | |
| | Solid Surface Backsplash - 12" | 4 | LF | \$200.00 | \$ 800 | | | |
| | Cubbies | 16 | SF | \$50.00 | \$ 800 | | | |
| | Storage/Wardrobe Units 4'Wx7'H | 30 | EA | \$500.00 | \$ 15,000 | | | |
| | Drinking fountain / bottle fill unit | 1 | EA | \$1,800.00 | \$ 1,800 | | | |
| | Interactive Display Board 80" | 1 | EA | | in Plumbing | | | |
| | Paper Towel Dispenser | 1 | EA | \$95.00 | by Vendor | | | |
| | Soap Dispenser | 1 | EA | \$95.00 | by Vendor | | | |
| | Tackboard with Map Rail 6x4 | 1 | EA | \$672.00 | \$ 672 | | | |
| | White Board with Map Rail 6x4 | 2 | EA | \$720.00 | \$ 1,440 | | | |
| | Tack Strip 18 LF | 1 | EA | \$91.67 | \$ 92 | | | |
| | PK & K | 72,711 | GSF | \$0.41 | \$ 29,492 | | | |
| | 1st Grade | | | | | | | |
| | Base Cab with Solid Surface Countertops | 4 | EA | <<info>> | \$ 29,584 | \$ 118,335 | | |
| | Wall Cabinet Units 4'H | 12 | LF | \$415.00 | \$ 4,980 | | | |
| | Solid Surface ADA Countertop | 16 | LF | \$250.00 | \$ 4,000 | | | |
| | Solid Surface Backsplash - 12" | 4 | LF | \$200.00 | \$ 800 | | | |
| | Cubbies | 16 | SF | \$50.00 | \$ 800 | | | |
| | Storage/Wardrobe Units 4'Wx7'H | 30 | EA | \$500.00 | \$ 15,000 | | | |
| | Drinking fountain / bottle fill unit | 1 | EA | \$1,800.00 | \$ 1,800 | | | |
| | Interactive Display Board 80" | | | | in Plumbing | | | |
| | Paper Towel Dispenser | 1 | EA | \$95.00 | by Vendor | | | |
| | Soap Dispenser | 1 | EA | \$95.00 | by Vendor | | | |
| | Tackboard with Map Rail 6x4 | 1 | EA | \$672.00 | \$ 672 | | | |
| | White Board with Map Rail 6x4 | 2 | EA | \$720.00 | \$ 1,440 | | | |
| | Tack Strip 18 LF | 1 | EA | \$91.67 | \$ 92 | | | |
| | 1st Grade | 72,711 | GSF | \$0.41 | \$ 29,584 | | | |
| | Grades 2nd through 5th | | | | | | | |
| | Base Cab with Solid Surface Countertops | 16 | EA | <<info>> | \$ 14,584 | \$ 233,339 | | |
| | Wall Cabinet Units 4'H | 12 | LF | \$415.00 | \$ 4,980 | | | |
| | Solid Surface ADA Countertop | 16 | LF | \$250.00 | \$ 4,000 | | | |
| | Solid Surface Backsplash - 12" | 4 | LF | \$200.00 | \$ 800 | | | |
| | Cubbies | 16 | SF | \$50.00 | \$ 800 | | | |
| | Storage/Wardrobe Units 4'Wx7'H | 1 | EA | \$1,800.00 | \$ 1,800 | | | |
| | Drinking fountain / bottle fill unit | | | | Not Applicable | | | |
| | Interactive Display Board 80" | | | | in Electric | | | |
| | Paper Towel Dispenser | 1 | EA | \$95.00 | by Vendor | | | |
| | Soap Dispenser | 1 | EA | \$95.00 | by Vendor | | | |
| | Tackboard with Map Rail 6x4 | 1 | EA | \$672.00 | \$ 672 | | | |
| | White Board with Map Rail 6x4 | 2 | EA | \$720.00 | \$ 1,440 | | | |
| | Tack Strip 18 LF | 1 | EA | \$91.67 | \$ 92 | | | |
| | Grades 2nd through 5th | 72,711 | GSF | \$0.20 | \$ 14,584 | | | |
| | Special Classrooms | | | | | | | Special Classrooms |
| | Base Cab with Solid Surface Countertops | 17 | EA | <<info>> | \$ 14,584 | \$ 247,922 | | CR Special - ALP ELA |
| | Wall Cabinet Units 4'H | 12 | LF | \$415.00 | \$ 4,980 | | | CR Special - Art |
| | Solid Surface ADA Countertop | 16 | LF | \$250.00 | \$ 4,000 | | | CR Special - Band |
| | Solid Surface Backsplash - 12" | 4 | LF | \$200.00 | \$ 800 | | | CR Special - Choral |
| | Cubbies | 16 | SF | \$50.00 | \$ 800 | | | CR Special - ESOL |
| | Storage/Wardrobe Units 4'Wx7'H | 1 | EA | \$1,800.00 | \$ 1,800 | | | CR Special - FLES / Spanish |
| | Drinking fountain / bottle fill unit | | | | Not Applicable | | | CR Special - Math |
| | Interactive Display Board 80" | | | | in Electric | | | CR Special - Orchestra |
| | Paper Towel Dispenser | 1 | EA | \$95.00 | by Vendor | | | CR Special - OT/PT |
| | Soap Dispenser | 1 | EA | \$95.00 | by Vendor | | | CR Special - Psych |
| | Tackboard with Map Rail 6x4 | 1 | EA | \$672.00 | \$ 672 | | | CR Special - Reading INT. |
| | White Board with Map Rail 6x4 | 2 | EA | \$720.00 | \$ 1,440 | | | CR Special - Sensory |
| | Tack Strip 18 LF | 1 | EA | \$91.67 | \$ 92 | | | CR Special - Social Work |
| | Special Classrooms | 72,711 | GSF | \$0.20 | \$ 14,584 | | | CR Special - SPED Resource |
| | STEM CLASSROOM | | | | | | | CR Special - Speech |
| | Base Cab with Epoxy Resin Countertops | 1 | EA | <<info>> | \$ 64,900 | \$ 64,900 | | |
| | Base Cab with Solid Surface Countertops | 15 | LF | \$465.00 | \$ 6,975 | | | |
| | Epoxy Resin Backsplash - Full Height | 3 | LF | \$415.00 | \$ 1,245 | | | |
| | Epoxy Resin ADA Countertop | 66 | SF | \$75.00 | \$ 4,950 | | | |
| | Eyewash Fixture | 11 | LF | \$200.00 | \$ 2,200 | | | |
| | Fume Hood 4'-2"W | 1 | EA | | Not Applicable | | | |
| | Goggle Cabinet 2'-6"W x 2'-6"H | 1 | EA | \$8,340.00 | \$ 8,340 | | | |
| | Instruction Desk - Accessible | 2 | EA | \$1,500.00 | \$ 3,000 | | | |
| | Science Room Lab Tables | 7 | LF | \$500.00 | \$ 3,500 | | | |
| | Interactive Display Board 80" | 6 | EA | \$3,000.00 | \$ 18,000 | | | |
| | LED Monitor 54" | 1 | EA | | in Electrical | | | |
| | Refrigerator - Science | 1 | EA | \$5,000.00 | \$ 5,000 | | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|--------|------|-------------|------------|----------------|-------------|---|
| | Solid Surface ADA Countertop | 4 | LF | \$200.00 | \$ 800 | | | |
| | Storage/Wardrobe Units 9'H | 3 | LF | \$450.00 | \$ 1,350 | | | |
| | Tackboard Backsplash - Full Height | 12 | SF | \$25.00 | \$ 300 | | | |
| | Tile Backsplash - Full Height at Eyewash | 24 | SF | \$20.00 | \$ 480 | | | |
| | Wall Cabinet Units 2'H | 9 | LF | \$210.00 | \$ 1,890 | | | |
| | Wall Cabinet Units 4'H | 9 | LF | \$250.00 | \$ 2,250 | | | |
| | Wall Cabinet Units with glass doors 4'H | 6 | LF | \$450.00 | \$ 2,700 | | | |
| | White Board with Map Rail 9x6 | 2 | EA | \$960.00 | \$ 1,920 | | | |
| | STEM CLASSROOM | 72,711 | GSF | \$0.89 | \$ 64,900 | | | |
| | Misc Casework | | | | | | | |
| | Faculty Lounge - 36" Wardrobe Unit | 2 | EA | \$1,350.00 | \$ 2,700 | | | |
| | Faculty Lounge - Plam Base Cab and Countertop | 10 | LF | \$415.00 | \$ 4,150 | | | |
| | Faculty Lounge - Plam Base Wall Cabinet | 12 | LF | \$210.00 | \$ 2,520 | | | |
| | Main Office Reception Desk | 12 | LF | \$850.00 | \$ 10,200 | | | |
| | Main Office Reception Desk Pass Through Window | 12 | LF | \$150.00 | \$ 1,800 | | | |
| | Main Office Work Room Plam Base Cab and Counters 2'W | 16 | LF | \$275.00 | \$ 4,400 | | | |
| | Main Office Work Room Plam Wall Cab | 16 | LF | \$210.00 | \$ 3,360 | | | |
| | Media Center Desk | 15 | LF | \$1,500.00 | \$ 22,500 | | | |
| | Nurse/Exam - Plam Wall Cabinet | 20 | LF | \$210.00 | \$ 4,200 | | | |
| | Nurse/Exam Plam Base Cab and Countertop | 15 | LF | \$275.00 | \$ 4,125 | | | |
| | PE Office 3'W Wardrobe Units | 1 | EA | \$1,050.00 | \$ 1,050 | | | |
| | PE Office Plam Base Cab and Countertop | 6 | LF | \$275.00 | \$ 1,650 | | | |
| | PE Office Plam Wall Cabinet | 7 | LF | \$210.00 | \$ 1,470 | | | |
| | New Solid Surface Window Sills in addition | 118 | LF | \$125.00 | \$ 14,750 | | | |
| | New Solid Surface Window Sills in renovated areas | 834 | LF | \$125.00 | \$ 104,250 | | | |
| | Misc Casework | 72,711 | GSF | \$2.52 | \$ 183,125 | | | |
| | CASEWORK | 72,711 | GSF | \$13.28 | \$ 965,589 | | | |
| | WINDOW TREATMENTS | | | | | | | |
| | Mecho roller shades, manual, 3% light transmission shade cloth - Addn | 612 | SF | \$15.00 | \$ 9,180 | | | No Pre-K |
| | Mecho roller shades, manual, 3% light transmission shade cloth - Renov | 5,899 | SF | \$15.00 | \$ 88,485 | | | |
| | WINDOW TREATMENTS | 72,711 | GSF | \$1.34 | \$ 97,665 | | | |
| | ENTRANCE MATS | | | | | | In Finishes | |
| 13 | SPECIAL CONSTRUCTION | 72,711 | SF | | | Not Applicable | | |
| | SPECIAL CONSTRUCTION | | | | | Not Applicable | | |
| 14 | VERTICAL TRANSPORTATION | 72,711 | SF | | | \$ 150,000 | \$ 2.06 | |
| | ELEVATORS AND LIFTS | | | | | | | |
| | New elevator: 3500 lb. capacity MRL traction elevator, stretcher compliant | 2 | STP | \$65,000.00 | \$ 130,000 | | | |
| | New Wheel Chair Platform Lift at Stage | 1 | LS | \$20,000.00 | \$ 20,000 | | | |
| 21 | FIRE SURPPRESSION | 72,711 | SF | | | \$ 532,515 | \$ 7.32 | \$5.65/SF based on coverage area incl attic |
| | STANDPIPE AND FP MAIN SYSTEMS | | | | | | | |
| | Control Valve Assemblies | | | | | | | |
| | Flr Cntrl Valve Assemb., Pres. Reducer, BFPs, Valves | 2 | EA | \$10,000.00 | \$ 20,000 | | | |
| | Alarm Valves | 4 | EA | \$1,500.00 | \$ 6,000 | | | |
| | Fire Department Connections | 2 | EA | \$850.00 | \$ 1,700 | | | |
| | Inspector's test connections and drains | 1 | LS | \$850.00 | \$ 850 | | | |
| | FP Mains and Risers | | | | | | | |
| | 2" FP Mains | 637 | LF | \$46.00 | \$ 29,284 | | | |
| | 4" FP Mains | 1,485 | LF | \$92.00 | \$ 136,657 | | | |
| | Fire pump - (500 gpm vertical in-line electric fire pump) | 500 | GPM | \$140.00 | \$ 70,000 | | | |
| | STANDPIPE AND FP MAIN SYSTEMS | 72,711 | GSF | \$3.64 | \$ 264,490 | | | |
| | FIRE PROTECTION | | | | | | | |
| | Sprinklers, Branch Piping | 94,311 | SF | <<info>> | | | | |
| | Sprinkler Heads | | | | | | | |
| | FP Heads | 857 | EA | \$95.00 | \$ 81,450 | | | |
| | 15% Additional FP Heads per layout | 129 | EA | \$95.00 | \$ 12,218 | | | |
| | Branch Piping 1 1/2" | 4,930 | LF | \$28.75 | \$ 141,734 | | | |
| | Piping Seismic Restraints | 94,311 | SF | \$0.20 | \$ 18,862 | | | |
| | FIRE PROTECTION | 72,711 | GSF | \$3.50 | \$ 254,265 | | | |
| | GENERAL CONSTRUCTION ITEMS | | | | | | | |
| | Coordination and Project Management | 35 | MD | \$760.00 | | | | |
| | FP Permit and Fees | | | | | | | |
| | Hydraulic Calculations | 1 | LS | \$5,000.00 | \$ 5,000 | | | |
| | Coring and fire stopping | 4 | CD | \$ 2,190.00 | \$ 8,760 | | | |
| | GENERAL CONSTRUCTION ITEMS | 72,711 | GSF | \$0.19 | \$ 13,760 | | | |
| 22 | PLUMBING | 72,711 | SF | | | \$ 933,055 | \$ 12.83 | |
| | PLUMBING FIXTURES | 48 | EA | <<info>> | | | | |
| | REPLACED FIXTURES | | | | | | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|---------|------|-------------|------------|--------------------|------|---------------------------------|
| | Art Sink EX - Replace | 2 | EA | \$1,200.00 | | \$ 2,400 | | |
| | Mop basin EX - Replace | 3 | EA | \$1,200.00 | | \$ 3,600 | | |
| | Lav Wall Hung EX - Replace | 27 | EA | \$1,500.00 | | \$ 40,500 | | |
| | Shower EX - Replace | 1 | EA | \$2,500.00 | | \$ 2,500 | | |
| | Water Closet - Wall Hung - HC EX - Replace | 12 | EA | \$1,900.00 | | \$ 22,800 | | |
| | Water Closet - Wall Hung - Standard EX - Replace | 20 | EA | \$1,700.00 | | \$ 34,000 | | |
| | Sink EX - Replace | 14 | EA | \$1,200.00 | | \$ 16,800 | | |
| | Urinals EX Replace | 14 | EA | \$1,100.00 | | \$ 15,400 | | |
| | NEW FIXTURES | | | | | | | |
| | WC | 1 | EA | \$1,700.00 | | \$ 1,700 | | |
| | WC handicap | 5 | EA | \$1,900.00 | | \$ 9,500 | | No Pre-K |
| | Lavatory-Standard-Wall Hung | 6 | EA | \$1,500.00 | | \$ 9,000 | | No Pre-K |
| | Foot Pedestal Sink - Art | 1 | EA | \$1,000.00 | | \$ 1,000 | | |
| | Science Room Sink | 1 | EA | \$2,000.00 | | \$ 2,000 | | |
| | Eyewash Station | 1 | EA | \$2,500.00 | | \$ 2,500 | | Kitchen Only |
| | Counter Sink | 22 | EA | \$1,200.00 | | \$ 26,400 | | No Pre-K |
| | Janitor Mop Basin Sinks | 3 | EA | \$1,200.00 | | \$ 3,600 | | |
| | Wall hydrants - one per 100' perimeter | 0 | EA | \$500.00 | | Existing to Remain | | |
| | Electric Water Cooler-Bottle Fill | 4 | EA | \$2,500.00 | | \$ 10,000 | | No Pre-K |
| | Electric Water Cooler-EWC- two tier | 2 | EA | \$3,500.00 | | \$ 7,000 | | |
| | Urinals | 2 | EA | \$1,100.00 | | \$ 2,200 | | |
| | Branch Domestic Water Piping to fixtures | | | | | | | |
| | CW Piping and Connection to fixtures | 960 | LF | \$20.00 | | \$ 19,200 | | |
| | HW Piping S&R and Connection to fixtures | 1,360 | LF | \$20.00 | | \$ 27,200 | | |
| | CW & HW Pipe Insulation | 2,320 | LF | \$8.00 | | \$ 18,560 | | |
| | Valves and Fittings | 64,960 | \$\$ | 10% | | \$ 6,496 | | |
| | PLUMBING FIXTURES | 72,711 | GSF | \$3.91 | \$ 284,356 | | | |
| | DOMESTIC WATER DISTRIBUTION | | | | | | | |
| | CW Domestic water pipe distribution system | | | | | | | |
| | Cold Water Mains average 2"/2.5" | 1,184 | LF | \$57.50 | | \$ 68,080 | | |
| | Pipe Insulation | 1,184 | LF | \$10.00 | | \$ 11,840 | | |
| | Valves and Fittings | 79,920 | \$\$ | 10% | | \$ 7,992 | | |
| | Dedicate 110 degree HW Domestic water pipe distribution system to Plmb Fixt. | | | | | | | |
| | Hot Water Mains average 2"/2.5" S&R | 2,434 | LF | \$57.50 | | \$ 139,955 | | |
| | Expansion tanks | 2 | EA | \$3,000.00 | | \$ 6,000 | | |
| | Central master thermostatic mixing valves | 2 | EA | \$7,500.00 | | \$ 15,000 | | |
| | Valves and Fittings | 160,955 | \$\$ | 10% | | \$ 16,096 | | |
| | Dedicated 140 degree HW to kitchen | | | | | | | |
| | HW Supply Domestic water piping (avg 1") | 50 | LF | \$23.00 | | \$ 1,150 | | |
| | HW Return Domestic water piping (avg 1") | 50 | LF | \$23.00 | | \$ 1,150 | | |
| | Valves and Fittings | 2,300 | \$\$ | 10% | | \$ 230 | | |
| | Booster Water Heater (to 180 degrees for dishwasher) 16 Gal -F&I | 1 | LS | \$6,000.00 | | \$ 6,000 | | |
| | Make-up Water system for HVAC systems and misc equipment | 72,711 | GSF | \$0.25 | | \$ 18,178 | | |
| | Water Hammer Arrestors | 72,711 | GSF | \$0.15 | | \$ 10,907 | | |
| | DOMESTIC WATER DISTRIBUTION | 72,711 | GSF | \$4.16 | \$ 302,577 | | | |
| | DOMESTIC WATER EQUIPMENT | | | | | | | |
| | 250 MBH Gas fired Water Heater -100 Gal | 1 | EA | \$24,062.50 | | \$ 24,063 | | |
| | HW Recirculation Pumps | 1 | EA | \$5,000.00 | | \$ 5,000 | | |
| | Installation | 4 | CD | \$2,280.00 | | \$ 9,120 | | |
| | Rigging | 2 | EA | \$2,500.00 | | \$ 5,000 | | |
| | Piping and Connections | 50 | LF | \$35.00 | | \$ 1,750 | | |
| | Venting - through roof | 1 | LS | \$7,500.00 | | \$ 7,500 | | |
| | Pipe Insulation | 50 | LF | \$10.00 | | \$ 500 | | |
| | Valves and Fittings | 52,933 | \$\$ | 10% | | \$ 5,293 | | |
| | DOMESTIC WATER EQUIPMENT | 72,711 | GSF | \$0.80 | \$ 58,226 | | | |
| | SANITARY WASTE | | | | | | | |
| | Sanitary Above Grade 4" Average | 153 | LF | \$72.00 | | \$ 11,016 | | |
| | Sanitary Underslab-6" Average | 167 | LF | \$108.00 | | \$ 18,036 | | No Pre-K |
| | Sanitary-3" Vent | 80 | LF | \$54.00 | | \$ 4,320 | | |
| | Branch Sanitary Piping from fixtures - 3" average | 960 | LF | \$54.00 | | \$ 51,840 | | |
| | Elevator Sump Pump | 1 | EA | \$2,500.00 | | \$ 2,500 | | |
| | Premium for Art room Plaster Traps | 3 | EA | \$500.00 | | \$ 1,500 | | |
| | Floor Drains in Bathrooms | 7 | EA | \$300.00 | | \$ 2,100 | | No Pre-K |
| | Piping & Connection | 140 | LF | \$45.00 | | \$ 6,300 | | |
| | Trap Primers | 7 | EA | \$290.00 | | \$ 2,030 | | |
| | Backflow preventors | 72,711 | GSF | \$0.05 | | \$ 3,636 | | |
| | Kitchen Grease Trap Interceptor | 1 | EA | \$15,000.00 | | \$ 15,000 | | |
| | SANITARY WASTE | 72,711 | GSF | \$1.63 | \$ 118,278 | | | |
| | RAIN WATER DRAINAGE | | | | | | | |
| | 4" ST at addition | 215 | LF | \$72.00 | | \$ 15,480 | | Kitchen/Café/Classroom Addition |
| | 4" ST allowance for overflow drains at existing | 40 | LF | \$72.00 | | \$ 2,880 | | No Pre-K |
| | Insulation | 255 | LF | \$15.00 | | \$ 3,825 | | No Pre-K |
| | Piping & Connection | 22,185 | LF | 10% | | \$ 2,219 | | |
| | New Drains at Addition | | | | | | | |
| | DN 4" | 2 | EA | \$950.00 | | \$ 1,900 | | |
| | RD 1 (3") Roof Drain | 4 | EA | \$534.00 | | \$ 2,136 | | No Pre-K |
| | OD 1 (3") Overflow Roof Drain | 4 | EA | \$534.00 | | \$ 2,136 | | No Pre-K |
| | Replace Drains at Existing | | | | | | | |
| | DN 4" | 3 | EA | \$950.00 | | \$ 2,850 | | |
| | RD 1 (3") Roof Drain | 7 | EA | \$534.00 | | \$ 3,738 | | |
| | OD 1 (3") Overflow Roof Drain added drain | 7 | EA | \$534.00 | | \$ 3,738 | | |
| | RAIN WATER DRAINAGE | 72,711 | GSF | \$0.56 | \$ 40,902 | | | |
| | OTHER PLUMBING SYSTEMS - GAS PIPING | | | | | | | |
| | Relocate Existing Exterior Gas Meter and Piping | 5 | CD | \$2,190.00 | | \$ 10,950 | | Plumbing CD - 1 L + 2J + PPE |
| | Natural Gas Piping - HVAC Units, Water Heaters | 1,000 | LF | \$30.00 | | \$ 30,000 | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|---------|------|-------------|--------------|--------------|----------|----------|
| | Valves and Fittings | 30,000 | \$\$ | 10% | | \$ 3,000 | | |
| | OTHER PLUMBING SYSTEMS - GAS PIPING | 72,711 | GSF | \$0.45 | \$ 33,000 | | | |
| | OTHER PLUMBING SYSTEMS | | | | | | | |
| | Kitchen - Sink, Equip, & Misc. Plumbing Connections, Branch pipe & Isolator | 15 | CD | \$2,280.00 | | \$ 34,200 | | |
| | Coring and fire stopping | 4 | CD | \$2,280.00 | | \$ 9,120 | | |
| | Vibration Isolation | 72,711 | GSF | \$0.10 | | \$ 7,271 | | |
| | Passive Radon Mitigation System | 2 | LOC | \$3,500.00 | | \$ 7,000 | | |
| | Plumbing - Temporary Construction / Phasing / Logistics Costs | 905,879 | \$\$ | 3% | | \$ 27,176 | | |
| | OTHER PLUMBING SYSTEMS | 72,711 | GSF | \$1.17 | \$ 84,767 | | | |
| 23 | HVAC AND CONTROLS | 72,711 | SF | | | \$ 5,027,509 | \$ 69.14 | |
| | HEAT GENERATING SYSTEMS | | | | | | | |
| | (3) Gas Fired Boilers | 1,974 | MBH | \$16.00 | | \$ 31,584 | | |
| | Rigging | 2 | EA | \$2,500.00 | | \$ 5,000 | | |
| | Installation | 4 | CD | \$2,280.00 | | \$ 9,120 | | |
| | Air separator | 2 | EA | \$2,000.00 | | \$ 4,000 | | |
| | Glycol Feed system | 2 | EA | \$5,000.00 | | \$ 10,000 | | |
| | Expansion Tanks | 2 | EA | \$3,500.00 | | \$ 7,000 | | |
| | Balancing Valves, Isolation valves, thermostats, pressure gauges | 66,704 | \$\$ | 10% | | \$ 6,670 | | |
| | HHW Main Circulation Pumps - 1/2 HP | 2 | EA | \$1,000.00 | | \$ 2,000 | | |
| | Integrated VFD and DP Sensors | 4 | EA | \$3,500.00 | | \$ 14,000 | | |
| | Rigging | 2 | EA | \$1,500.00 | | \$ 3,000 | | |
| | Install Pumps & VFDs | 6 | CD | \$2,280.00 | | \$ 13,680 | | |
| | HHW Secondary Circulation Pumps - 5 HP | 2 | EA | \$10,000.00 | | \$ 20,000 | | |
| | Integrated VFD and DP Sensors | 4 | EA | \$3,500.00 | | \$ 14,000 | | |
| | Rigging | 2 | EA | \$1,500.00 | | \$ 3,000 | | |
| | Install Pumps & VFDs | 6 | CD | \$2,280.00 | | \$ 13,680 | | |
| | Valves and Fittings | 156,734 | \$\$ | 10% | | \$ 15,673 | | |
| | HHW Piping Mains - Supply & Return | 3,272 | LF | <<Info>> | | | | |
| | 2" Hot Water Supply and Return | 3,272 | LF | \$90.00 | | \$ 294,480 | | |
| | Pipe Insulation | 3,272 | LF | \$15.00 | | \$ 49,080 | | |
| | Valves and Fittings | 343,559 | \$\$ | 10% | | \$ 34,356 | | |
| | Condensate Pump | 1 | EA | \$1,500.00 | | \$ 1,500 | | |
| | Boiler Exhaust Ductwork - Black Iron | 750 | LBS | \$22.00 | | \$ 16,500 | | |
| | Rigid board insulation w/fire wrap | 682 | SF | \$18.00 | | \$ 12,273 | | |
| | Boiler Combustion Air - Galvanized | 600 | LBS | \$15.00 | | \$ 9,000 | | |
| | Rigid board insulation w/vapor barrier | 545 | SF | \$12.00 | | \$ 6,545 | | |
| | D3020 HEAT GENERATING SYSTEMS | 72,711 | GSF | \$8.20 | \$ 596,141 | | | |
| | CEILING RADIATION PANELS | | | | | | | |
| | 2" Radiant Ceiling Panels | 1,237 | LF | \$85.00 | | Not Required | | |
| | Piping to panels 3/4" S&R | 3,240 | LF | \$33.75 | | Not Required | | |
| | Pipe Insulation | 3,240 | LF | \$8.00 | | Not Required | | |
| | Valves and Fittings | 0 | \$\$ | 10% | | Not Required | | |
| | CEILING RADIATION PANELS | 72,711 | SF | \$0.00 | \$ - | | | |
| | COOLING GENERATING SYSTEMS | | | | | | | |
| | Variable refrigerant Flow System [VRF] | | | | | | | |
| | Ceiling mtd cassette units and branch controllers, calculated qty below | 55 | EA | <<Info>> | | | | |
| | VRF - 0.6 Ton | 9 | EA | \$1,320.00 | | \$ 11,880 | | |
| | VRF - 0.75 Ton | 1 | EA | \$1,650.00 | | \$ 1,650 | | |
| | VRF - 1.0 Ton | 2 | EA | \$2,200.00 | | \$ 4,400 | | |
| | VRF - 1.5 Ton | 10 | EA | \$3,300.00 | | \$ 33,000 | | |
| | VRF - 2.0 Ton - No Pre-K | 5 | EA | \$4,400.00 | | \$ 22,000 | | |
| | VRF - 2.5 Ton | 17 | EA | \$4,400.00 | | \$ 74,800 | | |
| | VRF - 4.0 Ton ducted unit at Media | 1 | EA | \$9,200.00 | | \$ 9,200 | | |
| | VRF - CU 4 each | 80 | TNS | \$2,000.00 | | \$ 159,300 | | |
| | VRF Branch Controllers | 10 | ALW | \$5,000.00 | | \$ 50,000 | | |
| | Refrigerant Piping | 5,500 | LF | \$33.75 | | \$ 185,625 | | |
| | Pipe Insulation | 5,500 | LF | \$5.00 | | \$ 27,500 | | |
| | Valves & accessories | 185,625 | \$\$ | 10% | | \$ 18,563 | | |
| | Ductless Split Syst - MDF - 2 Ton Unit | 1 | EA | \$10,000.00 | | \$ 10,000 | | |
| | Ductless Split Systems - IDF - 1 Ton Unit | 2 | EA | \$7,500.00 | | \$ 15,000 | | |
| | COOLING GENERATING SYSTEMS | 72,711 | GSF | \$8.57 | \$ 622,918 | | | |
| | DISTRIBUTION SYSTEMS | | | | | | | |
| | Supply and Return Ductwork | 61,804 | LBS | \$20.00 | | \$ 1,236,087 | | |
| | Supply and Return Ductwork Insulation | 83,436 | SF | \$8.00 | | \$ 667,487 | | |
| | Supply and Return Diffusers and Registers | 72,711 | GSF | \$1.06 | | \$ 77,074 | | |
| | Toilet Room Exhaust Fans - Connect to DOAS units | 72,711 | GSF | \$0.10 | | \$ 7,271 | | |
| | General Exhaust Fans - Electrical Room | 1,500 | CFM | \$1.00 | | \$ 1,500 | | |
| | General Exhaust Fans - Mechanical Room | 1,000 | CFM | \$1.00 | | \$ 1,000 | | |
| | Kitchen Grease Hood and Dish Washer Exhaust Fan | 3,000 | CFM | \$3.00 | | \$ 9,000 | | |
| | Stratification Fans 8' diameter - Gym | 4 | EA | \$4,112.00 | | \$ 16,448 | | |
| | Sound Attenuation / Duct Silencers | 10 | ALW | \$1,500.00 | | \$ 15,000 | | |
| | Fire Dampers, Misc. Dampers and Accessories | 72,711 | GSF | \$0.20 | | \$ 14,542 | | |
| | DISTRIBUTION SYSTEMS | 72,711 | GSF | \$28.13 | \$ 2,045,409 | | | |
| | TERMINAL & PACKAGE UNITS | | | | | | | |
| | RTU - Gym/Platform | | | | | | | |
| | RTUs | 5,786 | CFM | \$22.00 | | \$ 127,292 | | |
| | VFDs | 2 | EA | \$3,000.00 | | \$ 6,000 | | |
| | Compressor Unit | 15 | TON | \$1,500.00 | | \$ 22,500 | | |
| | Rigging | 2 | EA | \$1,500.00 | | \$ 3,000 | | |
| | Installation | 3 | CD | \$3,690.00 | | \$ 11,070 | | |
| | Piping - Supply & Return (average 1.5") | 100 | LF | \$33.00 | | \$ 3,300 | | |
| | Pipe Insulation | 100 | LF | \$15.00 | | \$ 1,500 | | |
| | Valves and Fittings | 3,300 | \$\$ | 10% | | \$ 330 | | |

No Pre-K

45 LF per 1,000 GSF
average pipe diameter

Reuse Fin Tube Radiation at Perim. Windows

5.4
0.75
2
15
10
42.5
4
80
88.00

0.85 CFM per GSF

assumed scope

386 CFMs per Ton
5786 CFMs

Mech CD - 3 A +2J + Equip + PPE



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|-----------|------|-------------|------------|--------------|----------|--|
| | RTU - Gym/Platform | 5,786 | CFM | \$30.24 | \$ 174,992 | | | |
| | RTU - Cafeteria/Kitchen | 15 | TON | \$11,666.13 | | | | |
| | RTUs | 4,821 | CFM | \$22.00 | | \$ 106,062 | | 386 CFMs per Ton |
| | VFDs | 2 | EA | \$3,000.00 | | \$ 6,000 | | 4821 CFMs |
| | Compressor Unit | 12.5 | TON | \$1,500.00 | | \$ 18,750 | | |
| | Rigging | 2 | EA | \$1,500.00 | | \$ 3,000 | | |
| | Installation | 3 | CD | \$3,690.00 | | \$ 11,070 | | Mech CD - 3 A +2J + Equip + PPE |
| | Piping - Supply & Return (average 1.5") | 100 | LF | \$33.00 | | \$ 3,300 | | |
| | Pipe Insulation | 100 | LF | \$15.00 | | \$ 1,500 | | |
| | Valves and Fittings | 3,300 | \$\$ | 10% | | \$ 330 | | |
| | RTU - Cafeteria/Kitchen | 4,821 | CFM | \$31.12 | \$ 150,012 | | | |
| | RTU - Media | 12.5 | TON | \$12,000.96 | | | | |
| | RTUs | 3,086 | CFM | \$22.00 | | \$ 67,892 | | 386 CFMs per Ton |
| | VFDs | 2 | EA | \$3,000.00 | | \$ 6,000 | | 3086 CFMs |
| | Compressor Unit | 8 | TON | \$1,500.00 | | \$ 12,000 | | |
| | Rigging | 2 | EA | \$1,500.00 | | \$ 3,000 | | |
| | Installation | 3 | CD | \$3,690.00 | | \$ 11,070 | | Mech CD - 3 A +2J + Equip + PPE |
| | Piping - Supply & Return (average 1.5") | 100 | LF | \$33.00 | | \$ 3,300 | | |
| | Pipe Insulation | 100 | LF | \$15.00 | | \$ 1,500 | | |
| | Valves and Fittings | 3,300 | \$\$ | 10% | | \$ 330 | | |
| | RTU - Media | 3,086 | CFM | \$34.05 | \$ 105,092 | | | |
| | DOAS Unit 1 - First Floor | 8.0 | TON | \$13,136.50 | | | | |
| | DOAS Units | 6,000 | CFM | \$25.00 | | \$ 150,000 | | No Pre-K |
| | VFDs | 2 | EA | \$3,000.00 | | \$ 6,000 | | |
| | DX Evaporator coil, compressor, cond coil, and expansion valve in unit | 6 | TON | \$1,000.00 | | \$ 6,417 | | 0.0011 Tons per CFM |
| | Rigging | 2 | EA | \$1,500.00 | | \$ 3,000 | | |
| | Installation | 3 | CD | \$3,690.00 | | \$ 11,070 | | Mech CD - 3 A +2J + Equip + PPE |
| | Piping - Supply & Return (average 1.5") | 100 | LF | \$67.50 | | \$ 6,750 | | |
| | Pipe Insulation | 100 | LF | \$15.00 | | \$ 1,500 | | |
| | Valves and Fittings | 6,750 | \$\$ | 10% | | \$ 675 | | |
| | DOAS Unit 1 - First Floor | 6,000 | CFM | \$30.90 | \$ 185,412 | | | |
| | DOAS Unit 2 - Second Floor | | | | | | | |
| | DOAS Units | 7,000 | CFM | \$25.00 | | \$ 175,000 | | |
| | VFDs | 2 | EA | \$2,000.00 | | \$ 4,000 | | 0.0011 Tons per CFM |
| | DX Evaporator coil, compressor, cond coil, and expansion valve in unit | 7 | TON | \$1,000.00 | | \$ 7,487 | | |
| | Rigging | 2 | EA | \$1,500.00 | | \$ 3,000 | | |
| | Installation | 1 | CD | \$3,690.00 | | \$ 3,690 | | Mech CD - 3 A +2J + Equip + PPE |
| | Piping - Supply & Return (average 1.5") | 50 | LF | \$67.50 | | \$ 3,375 | | |
| | Pipe Insulation | 50 | LF | \$15.00 | | \$ 750 | | |
| | Valves and Fittings | 3,375 | \$\$ | 10% | | \$ 338 | | |
| | DOAS Unit 2 - Second Floor | 7,000 | CFM | \$28.23 | \$ 197,639 | | | No Pre-K |
| | CUHs & Ceiling mtd UHs - New Stairs, Mech/Water, Vest., Receiving | 13 | EA | \$1,100.00 | | \$ 14,300 | | \$1,100 average material cost per unit |
| | Piping - Supply & Return (average .75") | 650 | LF | \$33.75 | | \$ 21,938 | | |
| | Pipe Insulation | 650 | LF | \$8.00 | | \$ 5,200 | | |
| | Valves and Fittings | 21,938 | \$\$ | 10% | | \$ 2,194 | | |
| | CUHs & Ceiling mtd UHs - New Stairs, Mech/Water, Vest., Receiving | 50 | CFM | \$872.63 | \$ 43,631 | | | |
| | Condensate Piping | 72,711 | GSF | \$0.20 | | \$ 14,542 | | |
| | TERMINAL & PACKAGE UNITS | 72,711 | GSF | \$11.98 | \$ 871,321 | | | |
| | CONTROLS & INSTRUMENTATION | 72,711 | sf | \$9.00 | | \$ 654,399 | | |
| | SYSTEMS TESTING & BALANCING | 72,711 | sf | \$0.35 | | \$ 25,449 | | |
| | OTHER HVAC SYSTEMS | | | | | | | |
| | Core drilling | 72,711 | GSF | \$0.05 | | \$ 3,636 | | |
| | Fire Stopping | 72,711 | GSF | \$0.25 | | \$ 18,178 | | |
| | BIM Coordination | 72,711 | GSF | \$0.50 | | \$ 36,356 | | |
| | Commissioning Assistance | 72,711 | GSF | \$0.10 | | \$ 7,271 | | |
| | HVAC - Temporary Construction / Phasing / Logistics Costs | 4,881,076 | \$\$ | 3% | | \$ 146,432 | | |
| | | 72,711 | GSF | \$2.91 | \$ 211,872 | | | |
| 26 | ELECTRICAL | 72,711 | SF | | | \$ 4,889,824 | \$ 67.25 | |
| | MDP, TRANSFORMERS, MCC, DISTRIBUTION PANELS, EQUIP. | | | | | | | |
| | MAIN TRANSFORMERS | | | | | | | |
| | SECONDARY | | | | | | | |
| | Secondary Electrical Duct bank | | LF | <<info>> | | | | assumed distance |
| | 4" Conduits | | LF | \$32.00 | | | | |
| | Feeders 2,000A, 480/277V, 3-phase, 4-wire | | LF | \$375.00 | | | | |
| | Concrete Encasement | | CY | \$220.00 | | | | |
| | Trench Excavation | | LF | \$25.00 | | | | |
| | Export material - assume clean material | | CY | \$10.00 | | | | |
| | Backfill | | LF | \$15.00 | | | | |
| | Import bedding material / backfill / base | | CY | \$35.00 | | | | |
| | Warning Tape | | LF | \$0.50 | | | | |
| | Transformer | | | | | | | by Utility Co. |
| | Transformer Pad | | | | | | | by Utility Co. |
| | Main Electrical Room - MSB (equipment based on similar school projects, based on CES previous designs) | | | | | | | |
| | 2000A Distribution Section | 1 | EA | \$30,000.00 | | \$ 30,000 | | |
| | 2000A Main Switch Section | 1 | EA | \$36,666.67 | | \$ 36,667 | | |
| | 2000A Metering Section | 1 | EA | \$23,333.33 | | \$ 23,333 | | |
| | SPD-1 Surge protection device | 1 | EA | \$12,333.33 | | \$ 12,333 | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|--------|-------|-------------|--------------|------------------------|------|--|
| | Reduced Energy Let Thru control system | 1 | EA | \$10,333.33 | | \$ 10,333 | | reduce the energy released during an arc fault |
| | Ground Fault Protection of MSB Equipment | 1 | EA | \$5,000.00 | | \$ 5,000 | | |
| | Multi-Meter Energy Monitoring System | 1 | EA | \$6,500.00 | | \$ 6,500 | | |
| | MSB Circuit Breakers | 72,711 | GSF | \$0.33 | | \$ 23,971 | | |
| | Main Electrical Room, Equipment, Panels and Feeders | 72,711 | GSF | \$2.86 | | \$ 207,746 | | |
| | MDP, TRANSFORMERS, MCC, DISTRIBUTION PANELS, EQUIP. | 72,711 | GSF | \$4.89 | \$ 355,883 | | | |
| | DISTRIBUTION PANELS | 72,711 | GSF | \$6.04 | | \$ 439,462 | | |
| | DISTRIBUTION PANELS | 72,711 | GSF | \$6.04 | \$ 439,462 | | | |
| | EMERGENCY POWER | | | | | | | |
| | 200KW Emerg/Standby Natrual Gas Generator, sound attenuator enclos | 200 | KW | \$1,035.00 | | \$ 207,000 | | |
| | Emergency Panels, CBs, Feeders, and Surge Protection | 72,711 | GSF | \$0.66 | | \$ 47,941 | | |
| | EMERGENCY POWER | 72,711 | GSF | \$3.51 | \$ 254,941 | | | |
| | | 200 | KW | \$1,274.71 | | | | |
| | GROUNDING SYSTEMS | 72,711 | GSF | \$0.55 | | \$ 39,951 | | |
| | GROUNDING SYSTEMS | 72,711 | GSF | \$0.55 | \$ 39,951 | | | |
| | BRANCH POWER WIRING - RECEPACLE POWER | 72,711 | GSF | \$5.10 | | \$ 370,826 | | |
| | BRANCH POWER WIRING - RECEPACLE POWER | 72,711 | GSF | \$5.10 | \$ 370,826 | | | |
| | BRANCH POWER WIRING - EQUIPMENT POWER | 72,711 | GSF | | | | | |
| | Power to Sinks and Flush Valves (at new and existing fixtures) | 130 | EA | \$250.00 | | \$ 32,500 | | |
| | Fire Alarm and Sound Equipment Wiring | 3 | CD | \$2,780.00 | | \$ 8,340 | | |
| | Materials | 1 | LS | \$1,500.00 | | \$ 1,500 | | |
| | Office Equipment Wiring | 3 | CD | \$2,780.00 | | \$ 8,340 | | |
| | Materials | 1 | LS | \$1,500.00 | | \$ 1,500 | | |
| | Maintenance GFCI and weatherproof outlets located on the roof | 10 | EA | \$385.00 | | \$ 3,850 | | |
| | Exterior GFCI at 100' on center - at addition only (Renov, ETR) | 7 | EA | \$385.00 | | \$ 2,695 | | |
| | Emergency shut off systems in Boiler Room | | | | | Existing to Remain | | |
| | Platform / GYM Equipment Misc Duplex receptacles - surface mtd | 25 | EA | \$350.00 | | \$ 8,750 | | |
| | Mech Pwr. - RTU,DOAS,VRF,CU (incl cntrl panel pwr) | 30 | CD | \$3,380.00 | | \$ 101,400 | | |
| | Materials | 1 | LS | \$10,000.00 | | \$ 10,000 | | |
| | Kitchen Equipment Power | 10 | CD | \$2,780.00 | | \$ 27,800 | | |
| | Materials | 1 | LS | \$2,000.00 | | \$ 2,000 | | |
| | Gym Equipment Power | 5 | CD | \$2,780.00 | | \$ 13,900 | | |
| | Materials | 15 | EA | \$750.00 | | \$ 11,250 | | |
| | BRANCH POWER WIRING - EQUIPMENT POWER | 72,711 | GSF | \$3.22 | \$ 233,825 | | | |
| | BRANCH POWER WIRING - SOLAR INFRASTRUCTURE | | | | | Not Required | | |
| | LIGHTING, BRANCH WIRING, LIGHTING CONTROLS | | | | | | | |
| | Light Fixtures | 72,711 | GSF | \$10.00 | | \$ 727,110 | | Pricing based on Apex Lighting units .013 fixtures per SF |
| | Light Fixture Installation | 959 | EA | \$150.00 | | \$ 143,824 | | |
| | Lighting Branch Wiring - 10' per light fixture | 9,588 | LF | \$8.50 | | \$ 81,500 | | |
| | Lighting Controls - Daylighting | 72,711 | GSF | \$2.75 | | \$ 199,955 | | |
| | Central Lighting Controls - Corridors, stairwells | 72,711 | GSF | \$0.35 | | \$ 25,449 | | |
| | LIGHTING, BRANCH WIRING, LIGHTING CONTROLS | 72,711 | GSF | \$16.20 | \$ 1,177,838 | | | |
| | THEATRICAL LIGHTING, BRANCH WIRING, LIGHTING CONTROLS | | | | | | | |
| | Theatrical lighting system at the Gym/Platform | 1 | ALLOW | \$50,000.00 | | \$ 50,000 | | |
| | THEATRICAL LIGHTING, BRANCH WIRING, LIGHTING | 72,711 | GSF | \$0.69 | \$ 50,000 | | | |
| | FIRE ALARM SYSTEMS | | | | | | | |
| | Devices | 191 | EA | \$850.00 | | \$ 162,321 | | .0026 FA Devices per SF |
| | FA-Conduits, Raceways power & Wiring | 72,711 | SF | \$1.50 | | \$ 109,067 | | |
| | Main FA-Panel | 1 | EA | \$5,000.00 | | \$ 5,000 | | |
| | FIRE ALARM SYSTEMS | 72,711 | GSF | \$3.80 | \$ 276,388 | | | |
| | 191 Devices | 191 | | \$1,447.31 | | | | |
| | SECURITY SYSTEMS AND ACCESS CONTROLS | 72,711 | GSF | \$5.50 | | \$ 399,911 | | |
| | Blue Strobe | | | \$761.25 | | in above | | |
| | Card Readers | | | | | in Door Hardware above | | |
| | Computer and Monitors (2) 60" | | | \$1,015.00 | | in above | | |
| | Door Position Switch | | | | | in Door Hardware above | | |
| | Door Release Button | | | | | in Door Hardware above | | |
| | Door Station / Card Reader | | | | | in Door Hardware above | | |
| | Duress Button | | | \$507.50 | | in above | | |
| | Fixed Interior Dome Camera | | | \$3,045.00 | | in above | | |
| | Exterior Building Mounted Cameras | | | \$3,045.00 | | in above | | |
| | Internal Request to Exit Switch | | | \$253.75 | | in above | | |
| | Local Door Alarm | | | \$253.75 | | in above | | |
| | Lock Down Button | | | \$101.50 | | in above | | |
| | Motion Sensor | | | \$101.50 | | in above | | |
| | Spot Monitor | | | \$507.50 | | in above | | |
| | Video Master Station Intercom/DR | | | \$2,030.00 | | in above | | |
| | Call for Aid Buzzer/Light | | | \$425.00 | | in above | | |
| | Panel and Device cabling/wiring | | | \$1.45 | | in above | | |
| | SECURITY SYSTEMS AND ACCESS CONTROLS | 72,711 | GSF | \$5.50 | \$ 399,911 | | | |
| | TELECOMMUNICATIONS SYSTEMS | 72,711 | GSF | \$5.45 | | \$ 396,275 | | |
| | PUBLIC ADDRESS SYSTEMS | 72,711 | GSF | \$2.75 | | \$ 199,955 | | |
| | AUDIO / VIDEO SYSTEMS | | | | | | | |
| | Interactive Display Syst. - Admin, Cafeteria, CR, Special CR, Multi, Media | 48 | EA | \$8,500.00 | | \$ 408,000 | | assumed scope assumed scope |
| | Gym - Platform Audio/Visual Systems | 1 | LS | \$75,000.00 | | \$ 75,000 | | |
| | Café Audio/Visual Systems - Projector, PA, Wireless Mic Syst, Speakers | 1 | LS | \$25,000.00 | | \$ 25,000 | | |
| | Digital Messaging - 3 in common, one in admin office | 3 | EA | \$5,000.00 | | \$ 15,000 | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|-----------|------|--------------|------------|--------------------|----------|------------------------------------|
| | Video Conferencing System - Main Office Conference Room | 1 | LS | \$7,500.00 | | \$ 7,500 | | assumed scope |
| | Conduits, Raceways and Cabling | 72,711 | GSF | \$0.20 | | \$ 14,542 | | |
| | AUDIO / VIDEO SYSTEMS | 72,711 | GSF | \$7.50 | \$ 545,042 | | | |
| | LIGHTNING PROTECTION | 7,104 | GSF | \$1.00 | | \$ 7,104 | | Expand to new additions roofing |
| | BI-DIRECTIONAL SYSTEM | 72,711 | GSF | \$0.75 | | Not Required | | |
| | 2-WAY EMERGENCY COMMUNICATION SYSTEM | 72,711 | GSF | \$0.10 | | Existing to Remain | | |
| | PHASING AND LOGISTICS | | | | | | | |
| | Electrical - Temporary Construction / Phasing / Logistics Costs | 4,747,402 | \$\$ | 3% | | \$ 142,422 | | |
| 31 | SITE PREPARATION & EARTHWORK | 72,711 | SF | | | \$ 809,589 | \$ 11.13 | |
| | SITE PREPARATION | | | | | | | |
| | Temporary Site Security Fencing at Additions | | | | | | | |
| | Construction Fencing - Setup/Rental | 500 | LF | \$ 18.00 | | \$ 9,000 | | |
| | Construction Fencing - Relocations/Maint. | 24 | MO | \$ 275.00 | | \$ 6,605 | | |
| | Construction Fence Scrim - Standard 6'H | 500 | LF | \$ 6.00 | | \$ 3,000 | | |
| | 24' Double Drive Gate - North East Entrance | 2 | EA | \$ 2,500.00 | | \$ 5,000 | | |
| | Temporary Signage as Needed | 1 | LS | \$ 2,500.00 | | \$ 2,500 | | |
| | Temporary Site Security Fencing at Additions | 11.20 | AC | \$ 2,330.81 | \$ 26,105 | | | |
| | Surveying & Layout for Sitework | | | | | | | |
| | Initial Horizontal & Vertical Controls | 1 | LS | \$ 7,500.00 | | \$ 7,500 | | |
| | Surveying & Red-Line As-Built for Sitework | 1 | LS | \$ 2,500.00 | | \$ 2,500 | | |
| | CAD As-Built | 1 | LS | \$ 2,500.00 | | \$ 2,500 | | |
| | A-2 As-Built Survey | 1 | LS | \$ 5,000.00 | | \$ 5,000 | | |
| | Surveying & Layout for Sitework | 11.20 | AC | \$ 1,562.50 | \$ 17,500 | | | |
| | Construction Office, Staging & Laydown Area - 100x200 | | | | | | | |
| | Form Subgrade | 2,222 | SY | \$ 5.04 | | \$ 11,200 | | |
| | Geotextile Fabric | 22,000 | SF | \$ 0.28 | | \$ 6,160 | | |
| | 6" Crushed Stone | 444 | CY | \$ 39.20 | | \$ 17,422 | | |
| | Fine Grade & Maintain | 2,222 | SY | \$ 2.24 | | \$ 4,978 | | |
| | Strip & Load Crushed Stone | 444 | CY | \$ 4.48 | | \$ 1,991 | | |
| | Export Crushed Stone | 444 | CY | \$ 16.80 | | \$ 7,467 | | |
| | Relocate Laydown area and construction office trailers | 3 | CD | \$ 5,070.00 | | \$ 12,675 | | Site CD - 3 L + 2 OP + Equip + PPE |
| | Temporary Access Roads - Create/Restore | 3,600 | SF | \$ 5.00 | | \$ 18,000 | | |
| | Temporary Access Roads - Maintenance | 24 | MO | \$ 500.00 | | \$ 12,009 | | |
| | Construction Fencing - Setup/Rental | 600 | LF | \$ 18.00 | | \$ 10,800 | | |
| | Construction Fencing - Relocations/Maint. | 24 | MO | \$ 275.00 | | \$ 6,605 | | |
| | Construction Fence Scrim - Standard 6'H | 600 | LF | \$ 6.00 | | \$ 3,600 | | |
| | 24' Double Drive Gate - North East Entrance | 2 | EA | \$ 2,500.00 | | \$ 5,000 | | |
| | Temporary Signage as Needed | 1 | LS | \$ 2,500.00 | | \$ 2,500 | | |
| | Construction Office, Staging & Laydown Area - 100x200 | 11.20 | AC | \$ 10,750.63 | \$ 120,407 | | | |
| | Erosion Control | | | | | | | |
| | Construction Entrance | 1 | EA | \$ 3,360.00 | | \$ 3,360 | | |
| | Construction Entrance w/ Wash Rack and temp piping from bldg | 1 | LS | \$ 2,500.00 | | \$ 2,500 | | |
| | Staked Hay Bales - allowance | 100 | EA | \$ 19.04 | | \$ 1,904 | | |
| | Dust Control - Water Truck | 40 | HRS | \$ 140.00 | | \$ 5,600 | | |
| | Silt Fence w/ Wire Backing | 1,057 | LF | \$ 5.04 | | \$ 5,327 | | |
| | Sweeping (Truck) | 40 | HRS | \$ 224.00 | | \$ 8,960 | | |
| | Temporary Sediment Basin - allowance | 1 | EA | \$ 3,000.00 | | \$ 3,000 | | |
| | Removal of E&S Measures | 2 | CD | \$5,070.00 | | \$ 10,140 | | Site CD - 3 L + 2 OP + Equip + PPE |
| | Tree Protection | 10 | EA | \$500.00 | | \$ 5,000 | | |
| | Erosion Control | 11.20 | AC | \$ 4,088.51 | \$ 45,791 | | | |
| | SITE PREPARATION | 11.20 | AC | \$18,732.45 | \$ 209,803 | | | |
| | SITE & UTILITY DEMOLITION | | | | | | | |
| | Site Demolition | | | | | | | |
| | Clear & Grub | 11.20 | AC | \$ 2,500.00 | | \$ 28,000 | | |
| | Sawcut Asphalt | 150 | LF | \$ 10.00 | | \$ 1,500 | | |
| | Demo Playscape | 157 | CY | \$ 20.00 | | \$ 3,148 | | |
| | Load Playscape | 157 | CY | \$ 10.00 | | \$ 1,574 | | |
| | Strip & Load Asphalt 3"tk - at new pavement areas | 702 | CY | \$ 20.00 | | \$ 14,040 | | |
| | Export Asphalt | 702 | CY | \$ 10.00 | | \$ 7,020 | | |
| | Strip & Load Concrete Paving and Ramps | 104 | CY | \$ 40.00 | | \$ 4,173 | | |
| | Export Conc Paving | 104 | CY | \$ 10.00 | | \$ 1,043 | | |
| | Remove Site Improvements | 3 | CD | \$5,070.00 | | \$ 15,210 | | Site CD - 3 L + 2 OP + Equip + PPE |
| | Haul Site Improvements | 3 | LD | \$ 500.00 | | \$ 1,500 | | |
| | Misc Dumpsters | 10 | EA | \$ 650.00 | | \$ 6,500 | | |
| | SITE & UTILITY DEMOLITION | 11.20 | AC | \$7,473.94 | \$ 83,708 | | | |
| | SITE EARTHWORK | | | | | | | |
| | Topsoil | | | | | | | |
| | Strip & Load | 1,608 | CY | \$7.00 | | \$ 11,253 | | |
| | Haul Off Topsoil Spoils 25% | 402 | CY | \$10.00 | | \$ 4,019 | | |
| | Stockpile Topsoil | 1,206 | CY | \$7.00 | | \$ 8,439 | | |
| | Site Mass Cuts and Fills | | | | | | | |
| | General Grading | 5 | CD | \$5,070.00 | | \$ 25,350 | | Site CD - 3 L + 2 OP + Equip + PPE |
| | Cut to Stockpile | 0 | CY | \$7.00 | | None | | |
| | Stockpile | 0 | CY | <<info>> | | None | | |
| | Fill Required | 8,429 | CY | <<info>> | | | | |
| | South Classroom Addition +1' | 112 | CY | | | | | |
| | Baseball Field +1' | 1,132 | CY | | | | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|--------|------|--------------|-------------------------|--------------------|----------|------------------------------------|
| | Kitchen / Café Addition +2' | 630 | CY | | | | | |
| | Paved Play Area +5' | 1,960 | CY | | | | | |
| | West of Service Rear Drive +4' | 1,870 | CY | | | | | |
| | Softball +2' | 2,725 | CY | | | | | |
| | Import Fill | 8,429 | CY | \$ 45.00 | | \$ 379,305 | | |
| | Site Mass Cuts and Fills | 11.20 | AC | \$ 36,129.91 | \$ 404,655 | | | |
| | Building Excavation | | | | | | | |
| | Excavation, Backfill, Utility Trenching - at Additions | 15 | CD | \$5,070.00 | | \$ 76,050 | | No Pre-K |
| | 8" Crushed Stone Below Footings and SOG | 150 | CY | \$ 60.00 | | \$ 8,981 | | Site CD - 3 L + 2 OP + Equip + PPE |
| | Furnish Rigid Insulation 2" - 24" Horizontal and 24" Vertical | 484 | SF | \$ 4.40 | in Concrete Fnd and SOG | | | No Pre-K |
| | Prep Subgrade Slab | 670 | SY | \$ 1.50 | | \$ 1,005 | | No Pre-K |
| | Fine Grade Slab | 670 | SY | \$ 2.50 | | \$ 1,676 | | No Pre-K |
| | Under slab Drains | | | | | Not Required | | |
| | Building Excavation | 11.20 | AC | \$ 7,831.42 | \$ 87,712 | | | |
| | SITE EARTHWORK | 11.20 | AC | \$46,078.35 | \$ 516,077 | | | |
| | HAZARDOUS AND UNSUITABLE SOIL REMEDIATION | | | | | Assume None | | |
| 32 | SITE IMPROVEMENTS | 72,711 | SF | | | \$ 955,311 | \$ 13.14 | |
| | PARKING LOTS | | | | | | | |
| | CURBS & GUTTERS | | | | | | | |
| | New Cast-in-Place Concrete Curbs | 508 | LF | \$35.00 | | \$ 17,780 | | |
| | ASPHALT PAVED SURFACES | | | | \$ 17,780 | | | |
| | Asphalt Paving 3" on Existing Base - at South East Parking Lots | 38,355 | SF | <<info>> | | | | |
| | Form Existing Subgrade | 4,262 | SY | \$ 3.30 | | \$ 14,064 | | |
| | 10" Aggregate Base | | | | | Existing to Remain | | |
| | Fine Grade | 4,262 | SY | \$ 2.75 | | \$ 11,720 | | |
| | 1.5" Binder | 387 | TON | \$ 165.00 | | \$ 63,872 | | 0.13 foot thickness |
| | Tack Coat | 4,262 | SY | \$ 0.55 | | \$ 2,344 | | |
| | 1.5" Surface | 387 | TON | \$ 165.00 | | \$ 63,872 | | 0.13 foot thickness |
| | | 38,355 | SF | \$4.06 | \$ 155,870 | | | |
| | Asphalt Paving 4" on Existing Base - at East Parent Loop | 15,908 | SF | <<info>> | | | | |
| | Form Existing Subgrade | 1,768 | SY | \$ 3.30 | | \$ 5,833 | | |
| | 10" Aggregate Base | | | | | Existing to Remain | | |
| | Fine Grade | 1,768 | SY | \$ 2.75 | | \$ 4,861 | | |
| | 1.5" Binder | 214 | TON | \$ 165.00 | | \$ 35,322 | | 0.17 foot thickness |
| | Tack Coat | 1,768 | SY | \$ 0.55 | | \$ 972 | | |
| | 1.5" Surface | 214 | TON | \$ 165.00 | | \$ 35,322 | | 0.17 foot thickness |
| | | 15,908 | SF | \$5.17 | \$ 82,309 | | | |
| | Asphalt Paving 4" on New Base - at East Parent Loop expanded area | 6,117 | SF | <<info>> | | | | |
| | Form Existing Subgrade | 680 | SY | \$ 3.30 | | \$ 2,243 | | |
| | 10" Aggregate Base | 188 | CY | \$ 60.00 | | \$ 11,282 | | |
| | Fine Grade | 680 | SY | \$ 2.75 | | \$ 1,869 | | |
| | 1.5" Binder | 82 | TON | \$ 165.00 | | \$ 13,582 | | 0.17 foot thickness |
| | Tack Coat | 680 | SY | \$ 0.55 | | \$ 374 | | |
| | 1.5" Surface | 82 | TON | \$ 165.00 | | \$ 13,582 | | 0.17 foot thickness |
| | | 6,117 | SF | \$7.02 | \$ 42,932 | | | |
| | Asphalt Paving 3" on 10" Base - New Paved Play Area | 14,005 | SF | <<info>> | | | | |
| | Form Existing Subgrade | 1,556 | SY | \$ 3.30 | | \$ 5,135 | | |
| | 10" Aggregate Base | 431 | CY | \$ 60.00 | | \$ 25,831 | | |
| | Fine Grade | 1,556 | SY | \$ 2.75 | | \$ 4,279 | | |
| | 1.5" Binder | 141 | TON | \$ 165.00 | | \$ 23,322 | | 0.13 foot thickness |
| | Tack Coat | 1,556 | SY | \$ 0.55 | | \$ 856 | | |
| | 1.5" Surface | 141 | TON | \$ 165.00 | | \$ 23,322 | | 0.13 foot thickness |
| | | 14,005 | SF | \$5.91 | \$ 82,746 | | | |
| | Misc Parking Lot items - Line Striping/Stops | 11.20 | AC | \$600.00 | | \$ 6,720 | | |
| | Line Striping - Standard Parking Space | 112 | EA | \$25.00 | | in above | | |
| | Line Striping- HC Parking Space - Premium | 5 | EA | \$150.00 | | in above | | |
| | Line Striping-Loading Zone | 785 | SF | \$1.00 | | in above | | |
| | Line Striping-Directional Arrow | 12 | EA | \$150.00 | | in above | | |
| | Line Striping-HC Parking Space Hatching | 360 | SF | \$1.00 | | in above | | |
| | Stop Bar Pavement Marking | 2 | EA | \$100.00 | | in above | | |
| | | 11.20 | AC | \$600.00 | \$ 6,720 | | | |
| | CONCRETE PAVED SURFACES | | | | | | | |
| | Heavy Duty Concrete Paving / Pads (Dumpster & Loading areas) | 500 | SF | <<info>> | | | | assumed qty |
| | Compacted Subgrade | 56 | SY | \$1.00 | | \$ 56 | | |
| | 12" Compacted Process Aggregate Base | 19 | CY | \$45.00 | | \$ 833 | | |
| | 8" tk Concrete material | 14 | CY | \$175.00 | | \$ 2,388 | | |
| | Place and Finish | 500 | SF | \$5.00 | | \$ 2,500 | | |
| | Mesh and Reinforcing bars | 500 | SF | \$0.80 | | \$ 400 | | |
| | | 500 | SF | \$12.35 | \$ 6,177 | | | |
| | PARKING LOTS | 11.20 | AC | \$35,226.38 | \$ 394,535 | | | |
| | PEDESTRIAN PAVING | | | | | | | |
| | Concrete Paving - Walks | 2,923 | SF | <<info>> | | | | |
| | Compacted Subgrade | 325 | SY | \$1.00 | | \$ 325 | | |
| | 6" Compacted Process Aggregate Base | 54 | CY | \$45.00 | | \$ 2,436 | | |
| | 5" tk Concrete material | 50 | CY | \$175.00 | | \$ 8,753 | | |
| | Place and Finish | 2,923 | SF | \$5.00 | | \$ 14,615 | | |



| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|--|-----------|------|--------------|------------|--------------------|---------|------------------------------------|
| | Mesh and Reinforcing bars | 2,923 | SF | \$0.80 | | \$ 2,338 | | |
| | Tactile Warning Surfaces | 180 | SF | \$20.00 | | \$ 3,600 | | |
| | | 2,923 | SF | \$10.97 | \$ 32,067 | | | |
| | Restore Engraved Brick Paver Base at Entry, re-set Engraved Bricks | 643 | SF | <<info>> | | | | |
| | Remove Brick Pavers, Palletize, Excavate/Prep subgrade | 1 | CD | \$5,070.00 | | \$ 5,070 | | Site CD - 3 L + 2 OP + Equip + PPE |
| | New 6" Stone Base | 12 | CY | \$65.00 | | \$ 774 | | |
| | Mesh and Reinforcing bars | 643 | SF | \$0.80 | | \$ 514 | | |
| | Place and Finish 4" Concrete base | 643 | SF | \$5.00 | | \$ 3,215 | | |
| | Concrete Material | 9 | CY | \$175.00 | | \$ 1,513 | | |
| | Stone Dust | 643 | SF | \$1.00 | | \$ 643 | | |
| | Re-Set Brick Pavers | 643 | SF | \$10.00 | | \$ 6,430 | | |
| | | 643 | SF | \$28.24 | \$ 18,159 | | | |
| | SITE DEVELOPMENT | | | | | | | |
| | FENCING & GATES | | | | | | | |
| | Fence - Chainlink Metal 4' at paved play area fall protection at retn wall | 260 | LF | \$95.00 | | \$ 24,700 | | |
| | Fence - Chainlink Security Fence at 5-12 Play Area | | | | | Existing to Remain | | |
| | Fence - Dumpster Enclosure Fence 8'H | 40 | LF | \$150.00 | | \$ 6,000 | | |
| | Fence - Vehicle Gates (2) 8'W | 2 | EA | \$3,000.00 | | \$ 6,000 | | |
| | FENCING & GATES | 302 | LF | \$121.52 | \$ 36,700 | | | |
| | STAIRS, RETAINING WALLS AND RAMPS | | | | | | | |
| | Concrete Stairs at from paved play area to Softball Field | 12 | CY | \$1,500.00 | | \$ 17,500 | | |
| | Excavation and Backfill | 2 | CD | \$5,070.00 | | \$ 10,140 | | Site CD - 3 L + 2 OP + Equip + PPE |
| | Unilock Retaining Wall at Paved Play and Softball Field 1'-6' (3' avg) | 780 | SF | \$50.00 | | \$ 39,000 | | |
| | STAIRS, RETAINING WALLS AND RAMPS | 12 | CY | \$5,712.00 | \$ 66,640 | | | |
| | EXTERIOR FURNISHINGS | | | | | | | |
| | Benches | 6 | EA | \$2,500.00 | | \$ 15,000 | | |
| | Bike Racks | 2 | EA | \$850.00 | | \$ 1,700 | | |
| | Concrete filled bollards - at Site Elect, Service & points of entry | 8 | EA | \$1,000.00 | | \$ 8,000 | | |
| | Site Signage | 1 | LS | \$5,000.00 | | \$ 5,000 | | |
| | Flag Pole | 1 | EA | \$11,500.00 | | \$ 11,500 | | |
| | Trash Receptacles | 6 | EA | \$750.00 | | \$ 4,500 | | |
| | EXTERIOR FURNISHINGS | 11.20 | AC | \$4,080.36 | \$ 45,700 | | | |
| | PLAYGROUNDS AND EQUIPMENT | | | | | | | |
| | Playground area Safety Surfacing | 2,636 | SF | <<Info>> | | | | |
| | Playground - Poured in Place | 2,636 | SF | \$18.00 | | \$ 47,448 | | |
| | Playground Equipment Set grades 2-5 (adjacent to PK Addn) | 1 | LS | \$200,000.00 | | \$ 200,000 | | |
| | PLAYGROUNDS AND EQUIPMENT | 11.20 | AC | \$22,495.36 | \$ 251,948 | | | |
| | SITE DEVELOPMENT | 11.20 | AC | \$35,400.71 | \$ 396,488 | | | |
| | G205005 PLANTINGS | | | | | | | |
| | Trees | 6 | EA | \$1,800.00 | | \$ 10,800 | | |
| | Shrubs | 20 | EA | \$500.00 | | \$ 10,000 | | assumed scope |
| | G205005 PLANTINGS | 11.20 | AC | \$1,857.14 | \$ 20,800 | | | |
| | TOPSOIL, PLANTING BEDS, AND SEEDED LAWNS | | | | | | | |
| | Baseball and Softball Grass Field Play Area | | | | | | | |
| | Field | 82,766 | SF | <<info>> | | | | |
| | Subgrade Site | 9,196 | SY | \$0.25 | | \$ 2,299 | | |
| | Topsoil Required - 6" | 1,533 | CY | <<info>> | | | | |
| | Place Topsoil from Stockpile | 1,206 | CY | \$7.00 | | \$ 8,439 | | |
| | Place Imported Topsoil | 327 | CY | \$60.00 | | \$ 19,625 | | |
| | Seeded Lawns - Athletic field mix | 82,766 | SF | \$0.35 | | \$ 28,968 | | |
| | Baseball and Softball Grass Field Play Area | 82,766 | SF | \$ 0.72 | \$ 59,331 | | | |
| | Topsoil, Surface Prep and Seed- Lawn at Restoration Areas | | | | | | | |
| | Lawn Areas & Planting Beds | 34,505 | SF | <<info>> | | | | |
| | Seeded Lawns | 34,505 | SF | \$0.25 | | \$ 8,626 | | |
| | Stockpile Available from Stockpile | 0 | CY | <<info>> | | | | |
| | Supplement Topsoil - 3" at lawn restoration areas | 422 | CY | <<info>> | | | | |
| | Import and spread topsoil | 422 | CY | \$60.00 | | \$ 25,304 | | |
| | Lawn Area | 34,505.00 | SF | \$ 0.98 | \$ 33,930 | | | |
| | TOPSOIL, PLANTING BEDS, AND SEEDED LAWNS | 11.20 | AC | \$8,326.89 | \$ 93,261 | | | |
| | G205007 IRRIGATION SYSTEMS | | | | | | | |
| | Field Irrigation | 82,766 | SF | \$1.25 | | not required | | |
| | Lawn Irrigation | 0 | SF | \$1.25 | | not required | | |
| | G205007 IRRIGATION SYSTEMS | 11.20 | AC | \$0.00 | \$ - | | | |
| 33 | UTILITIES | 72,711 | SF | | | \$ 406,580 | \$ 5.59 | |
| | WATER SUPPLY | | | | | | | |
| | FIRE WATER DISTRIBUTION | | | | | | | |
| | 6" DIP CL-52 Fire Main from Street to Mech Water room | 275 | LF | <<info>> | | | | |
| | 6" DIP Water | 275 | LF | \$60.00 | | \$ 16,500 | | |
| | Valves, Fittings and Connections | 16,500 | SS | \$0.15 | | \$ 2,475 | | |
| | Trench Excavation | 153 | CY | \$35.00 | | \$ 5,347 | | |
| | Rock Excavation Premium assume 25% | | | | | None | | |
| | Hydrants - assumed quantity | 1 | EA | \$3,500.00 | | \$ 3,500 | | |
| | Water Meter Pit / Vault | 1 | EA | \$5,000.00 | | \$ 5,000 | | |
| | Backfill | | | | | | | |
| | Import bedding material / backfill / base | 70 | CY | \$50.00 | | \$ 3,501 | | |

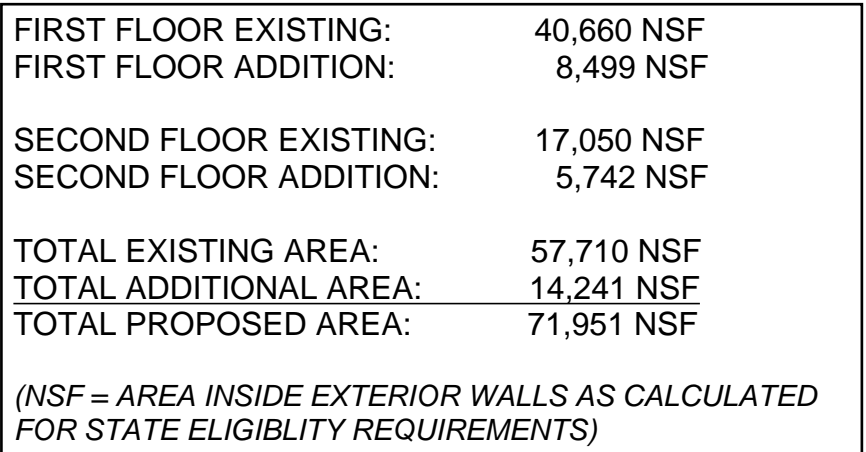












| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|--------|--------|-------------|------------|------------|------|----------------------|
| | Warning Tape | 275 | LF | \$0.50 | | \$ 138 | | |
| | FIRE WATER DISTRIBUTION | 275 | LF | \$ 132.59 | \$ 36,461 | | | |
| | SANITARY SEWER | | | | | | | |
| | SANITARY SEWER PIPING - ADDITIONS | | | | | | | |
| | Sanitary Service | 150 | LF | <<info>> | | | | Assumed qty |
| | 6" PVC SDR 35 Septic piping | 150 | LF | \$48.00 | | \$ 7,200 | | |
| | Fittings and Connections | 7,200 | \$\$ | 15% | | \$ 1,080 | | |
| | Trench Excavation | 150 | LF | \$35.00 | | \$ 5,250 | | |
| | Rock Excavation Premium assume 25% | | | | | None | | |
| | Backfill | 150 | LF | \$15.00 | | \$ 2,250 | | |
| | Import bedding material / backfill / base | 38 | CY | \$50.00 | | \$ 1,910 | | |
| | Manholes | 1 | EA | \$3,500.00 | | \$ 3,500 | | |
| | Grease Trap installation | 1 | EA | \$5,000.00 | | \$ 5,000 | | |
| | Sanitary Service | 150 | LF | \$ 174.60 | \$ 26,190 | | | |
| | STORM SEWER | | | | | | | |
| | STORM SEWER PIPING AT PLAY AREA AND FIELDS | | | | | | | |
| | Storm sewer piping | 500 | LF | <<info>> | | | | |
| | 8" HDPE Storm Drain AVG size | 500 | LF | \$30.00 | | \$ 15,000 | | |
| | Fittings and Connections | 15,000 | \$\$ | 10% | | \$ 1,500 | | |
| | Trench Excavation & Backfill | 500 | LF | \$36.00 | | \$ 18,000 | | |
| | Storm sewer piping | 500 | LF | \$ 69.00 | \$ 34,500 | | | |
| | Drainage Structures and Mise Drains | | | | | | | |
| | Catch Basins at play area paving | 2 | EA | \$3,500.00 | | \$ 7,000 | | |
| | Area & Yard Drains - in fields | 10 | EA/ALW | \$1,500.00 | | \$ 15,000 | | |
| | Excavation & Backfill | 128 | CY | \$35.00 | | \$ 4,480 | | |
| | Footing Drains at additions | 399 | LF | \$25.00 | | \$ 9,975 | | |
| | Water Quality Structure | | | | | | | Assume Note Required |
| | Storm Sewer with Structures | 500 | LF | \$ 141.91 | \$ 70,955 | | | |
| | Underground Retention System | | | | | | | |
| | East Parking Lot - Exc / Backfill / Export / (Stormtech MC-3500) | 7,000 | CUFT | \$15.00 | | \$ 105,000 | | including export |
| | South Parking Lot - Exc / Backfill / Export / (Stormtech MC-3500) | 3,000 | CUFT | \$15.00 | | \$ 45,000 | | including export |
| | Underground Retention System | 10,000 | CF | \$ 15.00 | \$ 150,000 | | | |
| | Bioretention Garden (3767 SF + 2440 SF) | 0 | SF | <<info>> | | | | Assume Not Required |
| | STORM SEWER | 11.20 | AC | \$19,728.13 | \$ 220,955 | | | |
| | FUEL DISTRIBUTION | | | | | | | |
| | GAS DISTRIBUTION PIPING | | | | | | | Existing to Remain |
| | ELECTRICAL DISTRIBUTION | | | | | | | |
| | Primary | | | | | | | |
| | Electrical Duct bank | 275 | LF | <<info>> | | | | |
| | 4" Conduits (2) | 275 | LF | \$16.00 | | \$ 4,400 | | |
| | Feeders 2000A | 275 | LF | \$875.00 | | | | by Utility Company |
| | Concrete Encasement | 67 | CY | \$200.00 | | \$ 13,444 | | |
| | Trench Excavation | 275 | LF | \$25.00 | | \$ 6,875 | | |
| | Backfill | 275 | LF | \$10.00 | | \$ 2,750 | | |
| | Import bedding material / backfill / base | 46 | CY | \$45.00 | | \$ 2,063 | | |
| | Transformer | | | | | | | by Utility Company |
| | Transformer Pad | | | | | | | by Utility Company |
| | Warning Tape | 275 | LF | \$0.50 | | \$ 138 | | |
| | Secondary | | | | | | | |
| | Electrical Duct bank | 50 | LF | | | | | |
| | 4" Conduits (4) | 50 | LF | \$32.00 | | \$ 1,600 | | |
| | Feeders 2000A | 50 | LF | \$875.00 | | \$ 43,750 | | |
| | Concrete Encasement | 12 | CY | \$220.00 | | \$ 2,689 | | |
| | Trench Excavation | 50 | LF | \$25.00 | | \$ 1,250 | | |
| | Export material - assume clean material | 58 | CY | \$10.00 | | \$ 579 | | |
| | Backfill | 50 | LF | \$18.00 | | \$ 900 | | |
| | Import bedding material / backfill / base | 8 | CY | \$45.00 | | \$ 375 | | |
| | Transformer Pad | 1 | LS | \$2,500.00 | | \$ 2,500 | | |
| | Warning Tape | 50 | LF | \$0.50 | | \$ 25 | | |
| | Generator UG cabling | | | | | | | |
| | Electrical Duct bank | 50 | LF | | | | | |
| | 4" Conduits (2) 4" | 50 | LF | \$16.00 | | \$ 800 | | |
| | Feeders (400A) | 50 | LF | \$262.50 | | \$ 13,125 | | |
| | Concrete Encasement | 5 | CY | \$220.00 | | | | not required |
| | Trench Excavation | 50 | LF | \$25.00 | | \$ 1,250 | | |
| | Backfill | 50 | LF | \$15.00 | | \$ 750 | | |
| | Import bedding material / backfill / base | 8 | CY | \$45.00 | | \$ 375 | | |
| | Transformer Pad | 1 | LS | \$2,500.00 | | \$ 2,500 | | |
| | Warning Tape | 50 | LF | \$0.50 | | \$ 25 | | |
| | ELECTRICAL DISTRIBUTION | 7.21 | AC | \$14,169.49 | \$ 102,162 | | | |
| | SITE LIGHTING | | | | | | | |
| | EXTERIOR LIGHTING FIXTURES & CONTROLS | | | | | | | |
| | Site Lighting - bases, poles, Single Luminares, installed | 6 | EA/ALW | \$1,500.00 | | \$ 9,000 | | |
| | Site Lighting conduit and wire (2) 2" | 350 | LF | \$18.75 | | \$ 6,563 | | |
| | Site Lighting Trenching & Backfill | 350 | LF | \$15.00 | | \$ 5,250 | | |
| | | 6 | EA | \$3,468.75 | \$ 20,813 | | | |
| | SITE COMMUNICATION AND SECURITY | | | | | | | |
| | (1) Telephone, (1) Fiber, (1) Coaxial, (1) Spare | 476 | LF | <<info>> | | | | Existing to Remain |
| | 4" Conduits (4) | 476 | LF | \$32.00 | | | | Existing to Remain |



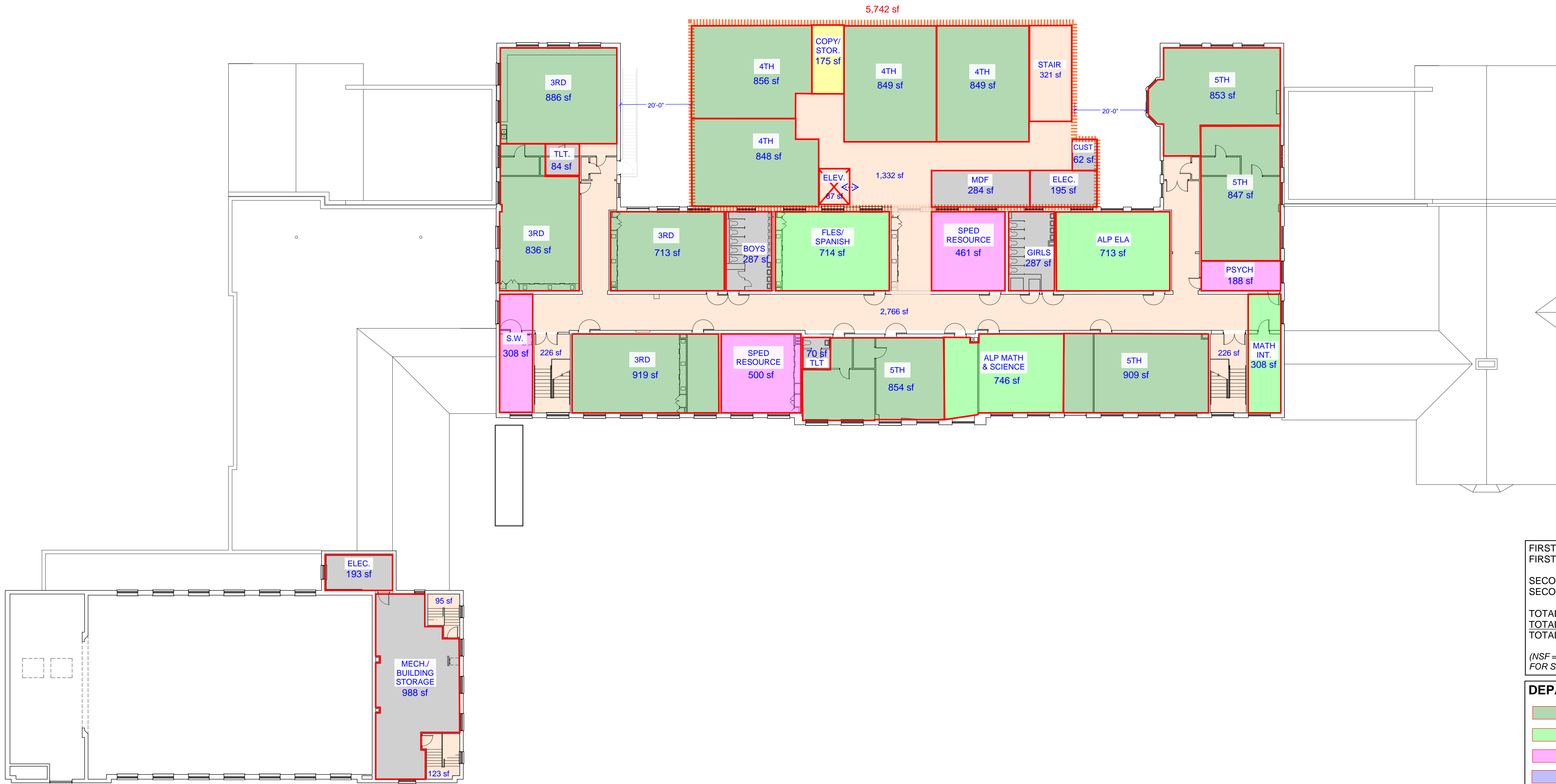
| CODE | DESCRIPTION | QTY | UNIT | UNIT PRICE | SUBTOTAL | TOTAL COST | / SF | COMMENTS |
|------|---|------------|--------|--------------|---------------|--------------------------------|------|----------|
| | Cabling | | | | | by Utility Co. not required | | |
| | Concrete Encasement | | | | | Existing to Remain | | |
| | Trench Excavation | 476 | LF | \$25.00 | | Existing to Remain | | |
| | Backfill | 476 | LF | \$10.00 | | Existing to Remain | | |
| | Import bedding material / backfill / base | 79 | CY | \$45.00 | | Existing to Remain | | |
| | Warning Tape | 476 | LF | \$0.50 | | Existing to Remain | | |
| | Security | 200 | LF/ALW | <<info>> | | Existing to Remain | | |
| | 2" Conduits (2) | 200 | LF | \$32.00 | | by Utility Co. not required | | |
| | Cabling | | | | | Existing to Remain | | |
| | Concrete Encasement | | | | | Existing to Remain | | |
| | Trench Excavation | 200 | LF | \$25.00 | | Existing to Remain | | |
| | Backfill | 200 | LF | \$10.00 | | Existing to Remain | | |
| | Import bedding material / backfill / base | 33 | CY | \$45.00 | | Existing to Remain | | |
| | Warning Tape | 200 | LF | \$0.50 | | Existing to Remain | | |
| | SITE COMMUNICATION AND SECURITY | 11.20 | AC | \$0.00 | \$ - | | | |
| | SITWORK TRADE ALLOWANCES | | | | | | | |
| | Utility Fees | 1 | LS | \$ 76,970.99 | | in Soft Costs | | |
| | | | | | | | | |
| | TOTAL DIRECT COSTS | | | | \$ 27,098,131 | \$ 372.68 | | |
| | | | | | | | | |
| | Design & Estimating Contingency | 10.00 % | | | \$ 2,709,813 | | | |
| | State Code Ed Fund (Bldg Permit Fee Waived) | 0.03 % | | | \$ 7,750 | | | |
| | General Conditions Staffing | LS | | | \$ 1,644,102 | | | No Pre-K |
| | Professional & GL Insurance | 0.85 % | | | \$ 314,878 | | | |
| | Construction Contingency | 3.00 % | | | \$ 943,794 | | | |
| | CM Fee | 2.50 % | | | \$ 817,962 | | | |
| | Payment & Performance Bond | 0.75 % | | | \$ 277,834 | | | |
| | Escalation 6% APR (Nov 2026 Start) | 9.95 % | | | \$ 3,130,250 | | | |
| | Preconstruction | LS | | | \$ 100,000 | | | |
| | | | | | | | | |
| | TOTAL CONSTRUCTION COST | | | | \$ 37,044,513 | | | |
| | | | | | | | | |
| | SOFT COSTS-BELOW THE LINE ITEM | 37,044,513 | \$\$ | 17% | | \$ 6,374,538 | | |
| | Environmental Consultant (Phase I & II) | 1.00 | LS | | | in above | | |
| | Architect Fees | 1.00 | LS | | | in above | | |
| | Project Management | 1.00 | LS | | | in above | | |
| | Commissioning | 1.00 | LS | | | in above | | |
| | Testing and Inspection | 1.00 | LS | | | in above | | |
| | Moving/Temporary Relocation for Phased Constuction in Occupied Building | 1.00 | LS | | | in above | | |
| | Builders Risk Insurance | 1.00 | LS | | | in above | | |
| | City/Town Legal Services | 1.00 | LS | | | in above | | |
| | Bond Council Fees | 1.00 | LS | | | in above | | |
| | Town Building Permit Fees | 1.00 | LS | | | Cost Waived | | |
| | Printing and Mailing | 1.00 | LS | | | in above | | |
| | Traffic Study (STC Approval) | 1.00 | LS | | | in above | | |
| | Pre Construction Fees | 1.00 | LS | | | in Construction Cost | | |
| | Furniture, Fixtures and Equipment | 1.00 | LS | | | in above | | |
| | Owner Contingency | 1.00 | LS | | | in above | | |
| | Plan Approval Fees | 1.00 | LS | | | in above | | |
| | Advertising / Legal Notices | 1.00 | LS | | | in above | | |
| | Bid Document Reproduction | 1.00 | LS | | | in above | | |
| | Threshold Peer Review | 1.00 | LS | | | in above | | |
| | Land Acquisition (Over Appraised) | 1.00 | LS | | | Not Applicable | | |
| | Environmental Monitoring | 1.00 | LS | | | in above | | |
| | State Permit Fees | 37,044,513 | \$\$ | | | in Construction Cost | | |
| | Misc. Utility Charges (Eversource) | 1.00 | LS | | | in above | | |
| | | | | | | \$ - | | |
| x | TOTAL CONSTRUCTION COST-WITH SOFT COSTS | | | | \$ 43,419,051 | \$ - | | |





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

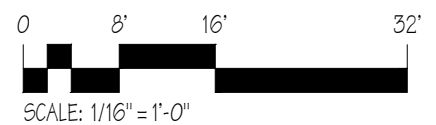
ANTINOZZI
ASSOCIATES
ARCHITECTURE
+ INTERIORS



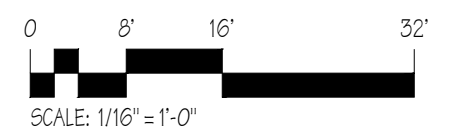
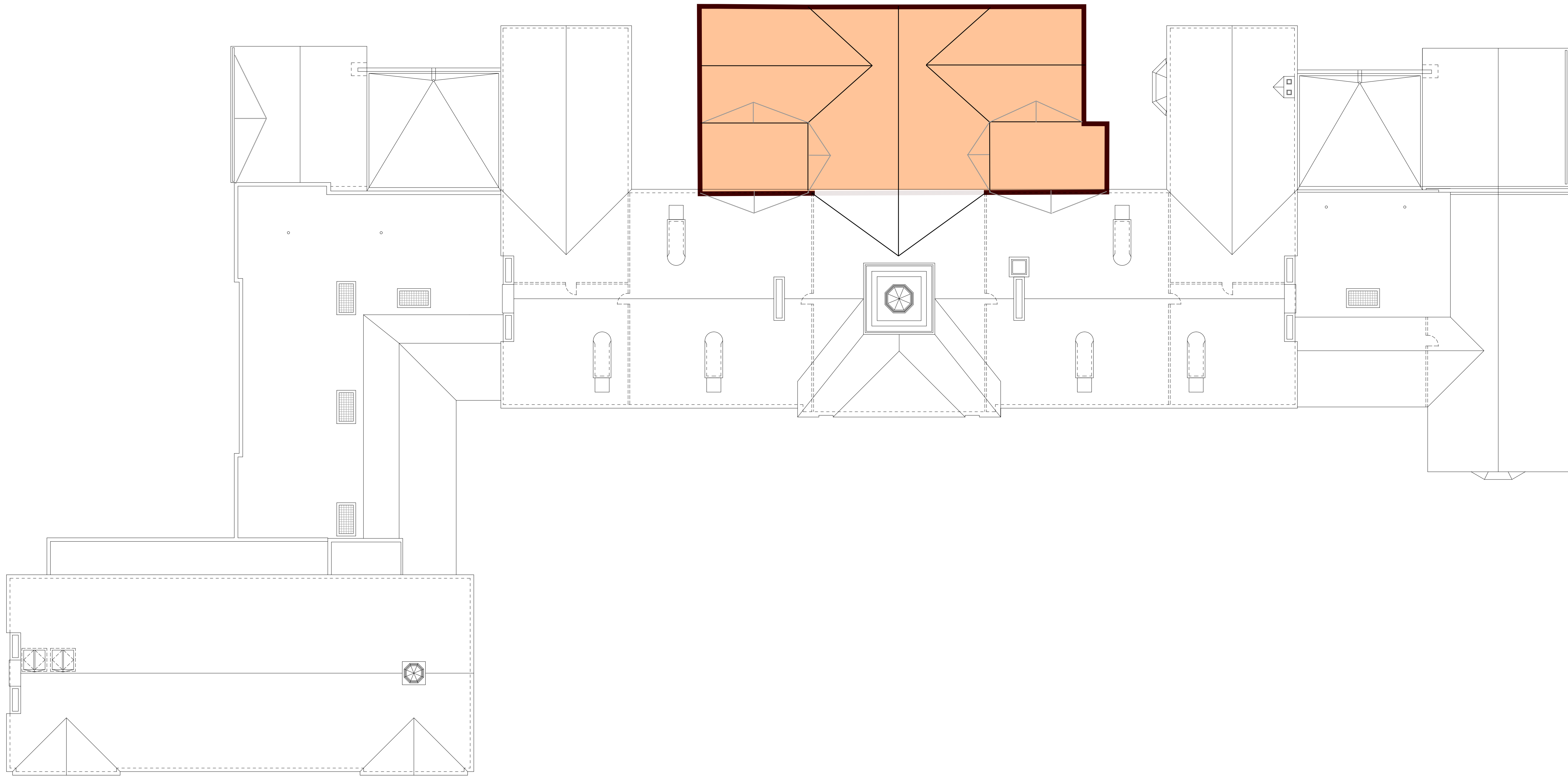
| | |
|------------------------|------------|
| FIRST FLOOR EXISTING: | 40,660 NSF |
| FIRST FLOOR ADDITION: | 8,499 NSF |
| SECOND FLOOR EXISTING: | 17,050 NSF |
| SECOND FLOOR ADDITION: | 5,742 NSF |
| TOTAL EXISTING AREA: | 57,710 NSF |
| TOTAL ADDITIONAL AREA: | 14,241 NSF |
| TOTAL PROPOSED AREA: | 71,951 NSF |

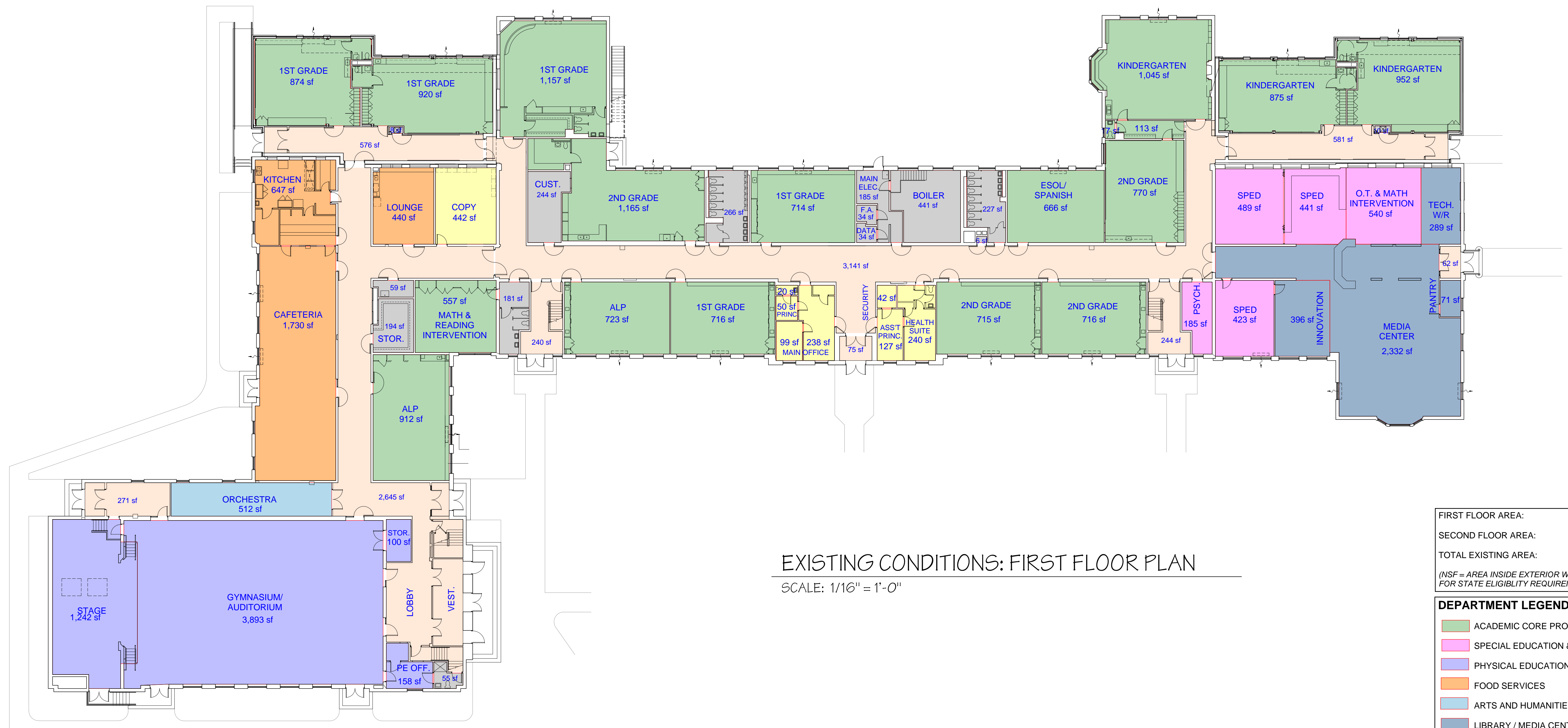
(NSF = AREA INSIDE EXTERIOR WALLS AS CALCULATED FOR STATE ELIGIBILITY REQUIREMENTS)

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



ANTINOZZI
ASSOCIATES
ARCHITECTURE
+ INTERIORS



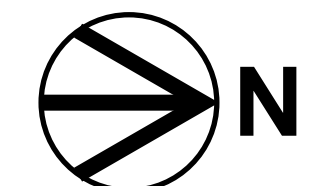


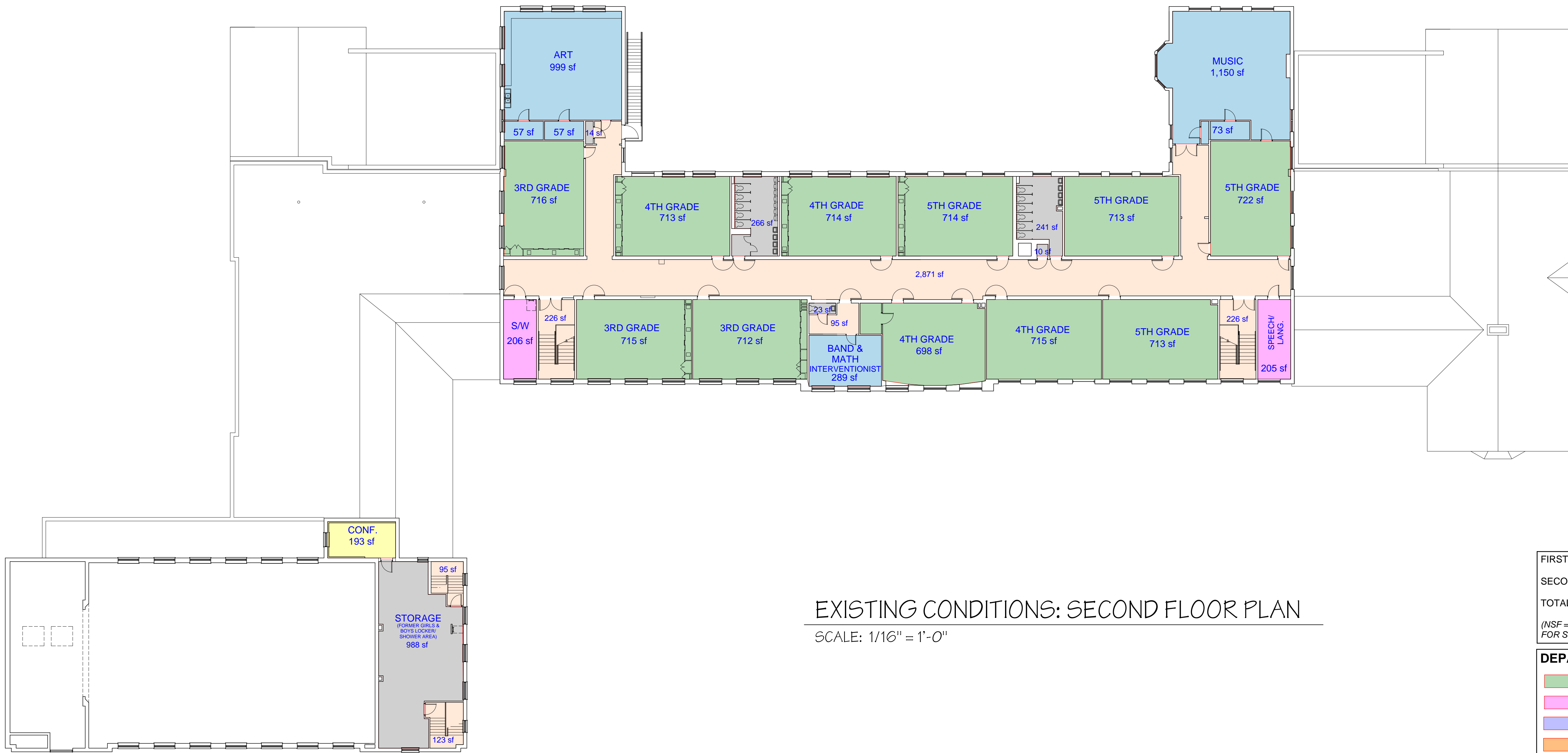
EXISTING CONDITIONS: FIRST FLOOR PLAN

SCALE: 1/16" = 1'-0"

| | |
|---|------------|
| FIRST FLOOR AREA: | 40,660 NSF |
| SECOND FLOOR AREA: | 17,050 NSF |
| TOTAL EXISTING AREA: | 57,710 NSF |
| (NSF = AREA INSIDE EXTERIOR WALLS AS CALCULATED FOR STATE ELIGIBILITY REQUIREMENTS) | |

| DEPARTMENT LEGEND | |
|--|-------------------------------------|
| | ACADEMIC CORE PROGRAMS |
| | SPECIAL EDUCATION & STUDENT SUPPORT |
| | PHYSICAL EDUCATION PROGRAMS |
| | FOOD SERVICES |
| | ARTS AND HUMANITIES PROGRAMS |
| | LIBRARY / MEDIA CENTER |
| | ADMINISTRATIVE & SUPPORT SPACES |
| | BUILDING SERVICES & CORE AREA |
| | CIRCULATION |



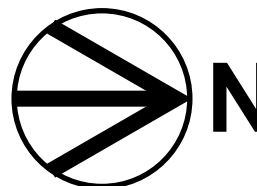
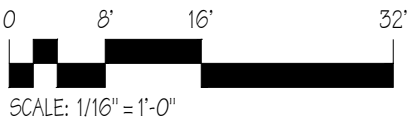


EXISTING CONDITIONS: SECOND FLOOR PLAN

SCALE: 1/16" = 1'-0"

| | |
|---|------------|
| FIRST FLOOR AREA: | 40,660 NSF |
| SECOND FLOOR AREA: | 17,050 NSF |
| TOTAL EXISTING AREA: | 57,710 NSF |
| (NSF = AREA INSIDE EXTERIOR WALLS AS CALCULATED FOR STATE ELIGIBILITY REQUIREMENTS) | |

| DEPARTMENT LEGEND | |
|--|-------------------------------------|
| | ACADEMIC CORE PROGRAMS |
| | SPECIAL EDUCATION & STUDENT SUPPORT |
| | PHYSICAL EDUCATION PROGRAMS |
| | FOOD SERVICES |
| | ARTS AND HUMANITIES PROGRAMS |
| | LIBRARY / MEDIA CENTER |
| | ADMINISTRATIVE & SUPPORT SPACES |
| | BUILDING SERVICES & CORE AREA |
| | CIRCULATION |





EXISTING CONDITIONS: ROOF PLAN

SCALE: 1/16" = 1'-0"

