

Please remember to sign the Visitor's Register – Thank you.

**Facilities Meeting
Monday, November 6, 2017**

7:00 PM – ROOM 200 - TEAO

AGENDA

- I. Public Comment**
- II. Approval of Minutes- October 10, 2017**
- III. Construction Report**
 - a. Change Order**
- IV. Discussion and Update Items**
 - a. Gift to Hillside - Hillside PTO**
 - b. Eagle Scout Project Proposal at DES**
 - c. Infrastructure Report**
 - d. Roof Survey Proposals**
 - e. Capital Sources & Uses**
 - f. Other**
- V. Future Facilities Committee Meetings**
 - Tuesday, December 5, 2017 at 7:00 p.m.**
- VI. Adjournment**

2017 Committee Goals

1. Monitor student enrollment, township reports, District programs and existing school facilities.
2. Review and update the District Infrastructure Report.
3. Use Goals #1 and #2 to ensure District facilities meet the needs of students, staff and Administration.
4. Develop, review, and prioritize the facilities projects for summer 2017.
5. Monitor, review and determine impact of District-wide parking and traffic study for CHS, TEMS, VFMS and VFES.
6. Monitor, review and determine impact of District-wide Security Engineering Study.
7. Monitor, review and determine impact of Air Conditioning Study at Elementary and Middle Schools.
8. Work in conjunction with the Finance Committee to maintain funding of the capital improvement plan.

Facilities Committee Meeting Minutes

October 10, 2017

Room 200 – Tredyffrin/Easttown Administration Office

7:00 p.m.

Attending all or part of the meeting:

Board Committee Members:	Michele Burger, Chair, Kevin Buraks, Todd Kantorczyk, Edward Sweeney
Other Board Members:	Dr. Roberta Hotinski, Rev. Scott Dorsey, Virginia Lastner, Douglas Carlson
T/E School District Representatives:	Dr. Richard Gusick, Art McDonnell, David Francella, Colm Kelly, Jeanne Pocalyko
Other:	Dan Jalboot and Mort Isaacson from Daley + Jalboot Matt Heckendorn, Mitch Shiles and David Farabaugh from Heckendorn Shiles Architects (HSA)
Community Members:	Heather McConnell, Peg Layden, Doug Anestad, Cindy Verguldi, Christine Wright, Heather Ward, Bruce Alperin, Ray Clarke

Public Comment:

- Cindy Verguldi commented on TEMS property and Teamer Field.

Approval of the Minutes:

- The Committee approved the minutes from the September 12, 2017.

Construction Report:

- Mr. Isaacson reviewed a change order credit for the Teamer Field Turf project in the amount of \$16,500. To date, 2017 projects had a total amount of change orders of \$107,425.25 or 2.812%. Mr. McDonnell reviewed a 2016 change order credit for a flooring project at CHS in the amount of \$11,332.80. The Committee recommended both change orders be placed on the consent agenda at the next Board meeting.

Gifts to Valley Forge Elementary School – VFES PTO:

- Heather McConnell from the VFES PTO presented the Committee with a potential gift of four bottle filler water fountains with the value of \$5,500. These new units are more efficient

and could replace the existing fountains. The Committee accepted the gift and thanked Mrs. McConnell for the generous donation.

Infrastructure Report:

- Chairperson Michele Burger introduced Matt Heckendorn, Mitch Shiles and David Farabaugh from Heckendorn Shiles Architects (HSA) the District's new architectural firm.
- Mr. Heckendorn reviewed the 2017 Infrastructure Report, which includes projects at five schools. The Committee discussed the rationale behind the spending of capital funds on these types of projects. Comments included the need to properly maintain the buildings, potential for higher expenses if projects are delayed, the economies of scale that can be achieved by packaging and bidding projects together, the cost of annual projects and its correlation to the District's annual depreciation expense, and the impact of increasing enrollment.
- The Committee directed HSA to return next month with estimated construction costs for all potential projects on the infrastructure report. The Committee also authorized the Administration to work with the contracted professional to examine the feasibility of additional parking at CHS and constructing an additional entrance to VFES off Walker Road based on a schematic by DJA.

Capital Funding:

- Mr. McDonnell informed the Committee of the capital funding discussion at a recent Finance Committee meeting. There will be further discussion at this month's meeting around the transfer of available funds from the General Fund for 2016-17.

Traffic Study:

- Mrs. Burger provided an update on the Committee's questions to be shared with Traffic Planning and Design. Mr. McDonnell will work with the consultant to get answers prior to his attendance at a future Committee meeting.

Public Comment

- Doug Anestad commented on the Infrastructure Report.
- Ray Clarke commented on the Infrastructure Report.
- Cindy Verguldi commented on the Infrastructure Report.
- Christine Wright commented on the Infrastructure Report.

Future Meeting Dates:

- Monday, November 6, 2017 at 7:00 PM at the TEAO.

Adjournment:

- The meeting adjourned at approximately 9:21 p.m.

**Facilities Committee Meeting
Construction Report
November 6, 2017**

2017 Construction Projects:

1. Project #1491 –Replacements & Upgrades at Tredyffrin/Easttown Administration Office
 - Issued for Bid May 12, 2017
 - Bids Received May 26, 2017
 - Committee Review June 7, 2017
 - Board Approved June 12, 2017
 - Scheduled Construction Start: September 1, 2017
 - Scheduled Completion: November 17, 2017

2. Project #1503 –Renovations, Replacements & Upgrades at Valley Forge Middle School
 - Issued for Bid October 26, 2017
 - Bids Received November 21, 2017
 - Committee Review December 5, 2017
 - Board Approve January 22, 2018
 - Scheduled Boiler Room Start (2nd Shift): May 21, 2018
 - Scheduled Overall Construction Start: June 18, 2018
 - Scheduled Completion: August 17, 2018
 - Scheduled Boiler Room Completion (2nd Shift After 8-17-18): September 14, 2018



CO	Item	Accepted	Pending	Under Review
2017 Projects Summary				
	Change Order Totals Under Review			\$0.00
	Change Order Totals Pending		\$0.00	
	Change Order Totals Accepted	\$107,425.25		
	Change Orders Accepted, Pending and Under Review	\$107,425.25		
	Base Bid and Accepted Alternates	\$3,819,725.00		
	Construction total to date Percentage of Construction	\$3,927,150.25		2.812%
1484 Beaumont ES, Valley Forge ES & Valley Forge MS - Replacements & Upgrades				
	Change Order Totals Under Review			\$0.00
	Change Order Totals Pending		\$0.00	
	Change Order Totals Accepted	\$0.00		
	Change Orders Accepted, Pending and Under Review	\$0.00		
	Base Bid and Accepted Alternates	\$906,099.00		
	Construction total to date Percentage of Construction	\$906,099.00		0.000%
1485 Valley Forge MS - Locker Replacements				
	Change Order Totals Under Review			\$0.00
	Change Order Totals Pending		\$0.00	
	Change Order Totals Accepted	\$0.00		
	Change Orders Accepted, Pending and Under Review	\$0.00		
	Base Bid and Accepted Alternates	\$83,800.00		
	Construction total to date Percentage of Construction	\$83,800.00		0.000%
1486 Devon & Valley Forge MS - Site Paving & Paving Replacements				
GC-1	Added paving & manhole risers at Devon ES	\$6,500.00		
	Change Order Totals Under Review			\$0.00
	Change Order Totals Pending		\$0.00	
	Change Order Totals Accepted	\$6,500.00		
	Change Orders Accepted, Pending and Under Review	\$6,500.00		
	Base Bid and Accepted Alternates	\$167,930.00		
	Construction total to date Percentage of Construction	\$174,430.00		3.871%
1487 New Eagle ES - Renovations, Replacements & Upgrades				
GC-1	Repairs to high wall at Music Entry	\$2,302.00		
GC-2	Slab cut and repair in Room 108 for piping	\$850.00		
GC-3	Repair to floor framing at Stage Small Group Room	\$600.00		
GC-4	Slab leveling at Gang Toilet Rooms	\$3,500.00		
MC-1	Insulate heating pipes	\$1,592.00		
	Change Order Totals Under Review			\$0.00
	Change Order Totals Pending		\$0.00	
	Change Order Totals Accepted	\$8,844.00		
	Change Orders Accepted, Pending and Under Review	\$8,844.00		
	Base Bid and Accepted Alternates	\$608,756.00		
	Construction total to date Percentage of Construction	\$617,600.00		1.453%
1488 New Eagle ES, Hillside ES & Valley Forge MS - Provide Doors & Door Hardware				
	Change Order Totals Under Review			\$0.00
	Change Order Totals Pending		\$0.00	
	Change Order Totals Accepted	\$0.00		
	Change Orders Accepted, Pending and Under Review	\$0.00		
	Base Bid and Accepted Alternates	\$141,000.00		
	Construction total to date Percentage of Construction	\$141,000.00		0.000%

November 1, 2017

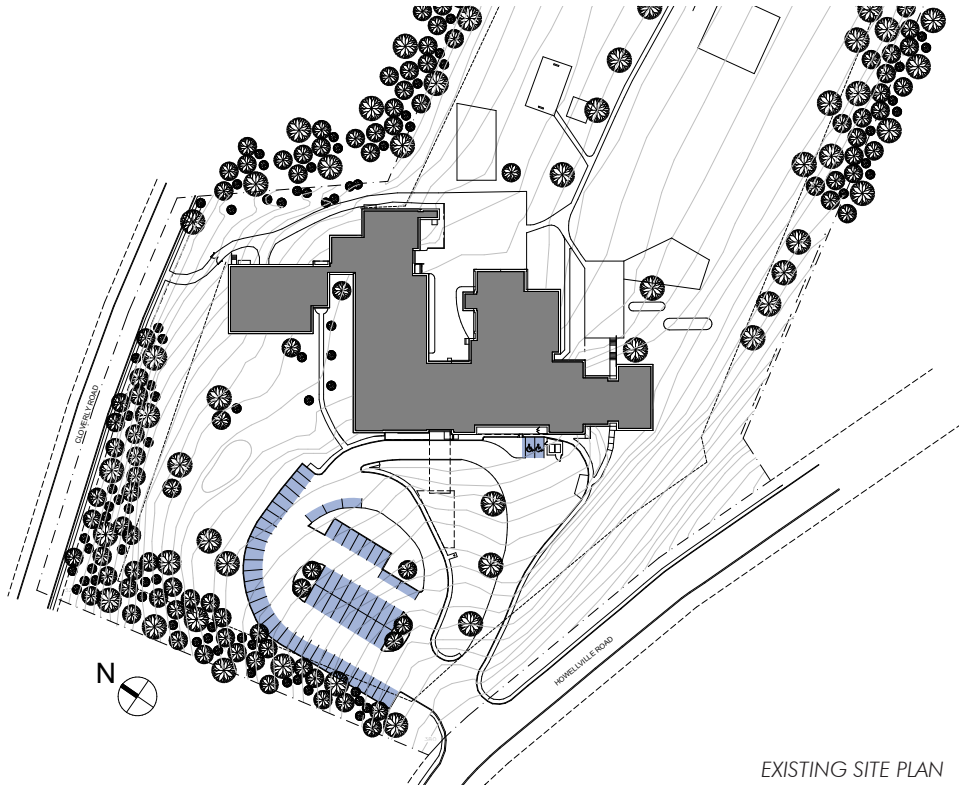
2017 PROJECTS SUMMARY

Tredyffrin/Easttown School District

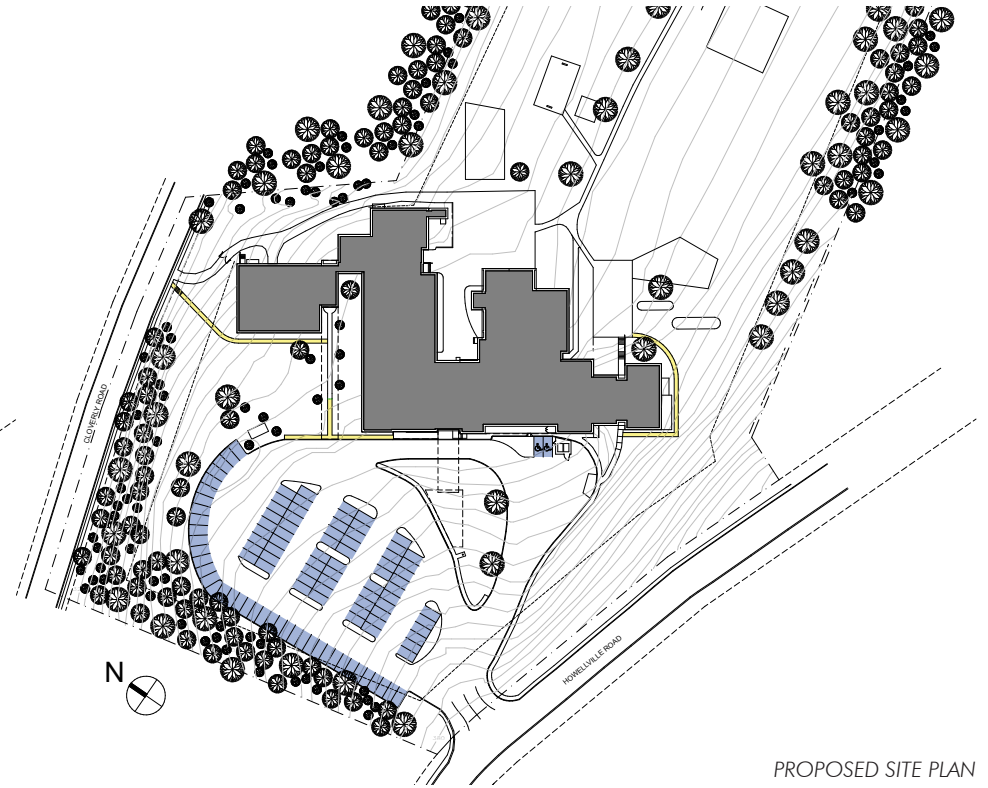
CO	Item	Accepted	Pending	Under Review
1489 T/E MS -Renovations, Replacements & Upgrades				
GC-1	Relocate Sewage Ejector & Paving Modifications			TBD
GC-2	Added slab cutting at Kitchen and Dishwash Room			TBD
GC-3	Slab cutting and repair at drain line improvements in Kitchen	\$9,844.00		
PC-1	Relocate sewage ejector	\$3,138.22		
PC-2	Drain line improvements in Kitchen	\$26,887.91		
PC-3	Reroute domestic water in Dishwash Room	\$3,813.11		
PC-4	Added floor drain for Kitchen steam table	\$7,390.82		
PC-5	New Kitchen plumbing vent	\$7,755.07		
PC-6	Drain line rock removal	\$18,876.12		
EC-1	Remote enclosed breaker for Emergency Panel	\$950.00		
EC-2	Repair of cut conduits and wire below slab	\$29,926.00		
	Change Order Totals Under Review			\$0.00
	Change Order Totals Pending		\$0.00	
	Change Order Totals Accepted	\$108,581.25		
	Change Orders Accepted, Pending and Under Review	\$108,581.25		
	Base Bid and Accepted Alternates	\$557,160.00		
	Construction total to date Percentage of Construction	\$665,741.25		19.488%
1490 Conestoga HS & Hillside ES -Renovations, Replacements & Upgrades				
	Change Order Totals Under Review			\$0.00
	Change Order Totals Pending		\$0.00	
	Change Order Totals Accepted	\$0.00		
	Change Orders Accepted, Pending and Under Review	\$0.00		
	Base Bid and Accepted Alternates	\$502,630.00		
	Construction total to date Percentage of Construction	\$502,630.00		0.000%
1491 T/E Administration Office -Renovations & Upgrades				
	Change Order Totals Under Review			\$0.00
	Change Order Totals Pending		\$0.00	
	Change Order Totals Accepted	\$0.00		
	Change Orders Accepted, Pending and Under Review	\$0.00		
	Base Bid and Accepted Alternates	\$407,900.00		
	Construction total to date Percentage of Construction	\$407,900.00		0.000%
1492 Teamer Field - Turf Replacement				
GC-1	Credit for reduced E-layer repair	(\$16,500.00)	\$0.00	TBD
	Change Order Totals Under Review			\$0.00
	Change Order Totals Pending		\$0.00	
	Change Order Totals Accepted	(\$16,500.00)		
	Change Orders Accepted, Pending and Under Review	(\$16,500.00)		
	Base Bid and Accepted Alternates	\$444,450.00		
	Construction total to date Percentage of Construction	\$427,950.00		-3.712%

	DRAFT	2003	2013	2013-14 47%	2014-15 51%	2015-16 55%	2016-17 59%	2017 63%	2018 67%	2019-20 71%	2020-21 74%	2021-22 77%	2022-23 81%
Summary													
Beaumont Elementary School									\$0				
Devon Elementary School									\$0				
Hillside Elementary School									\$761,772				
New Eagle Elementary School									\$0				
Valley Forge Elementary School									\$593,703				
Tredyffrin / Easttown Middle School									\$181,566				
Valley Forge Middle School									\$115,566				
Conestoga High School									\$1,003,240				
Network Operations Center									\$0				
Maintenance									\$0				
West Valley - District Administration									\$0				
TESD - District-Wide									\$0				
Summary Total									\$2,655,847				
Work Summary													
Total Work Proposed Under ADA (A)									\$0				
Total Work Proposed Under Building Codes (C)									\$0				
Total Work Proposed as District Projects (DP)									\$0				
Total Work Proposed as 5 Year Maintenance (M1)									\$0				
Total Work Proposed as 10 Year Maintenance (M2)									\$1,438,045				
Total Work Proposed as District Wide Roof Replacement (RF)									\$0				
Total Work Proposed as Infrastructure Capital Improvement (T)									\$761,772				
Total Work Proposed as Use Related Recommendation (U)									\$456,030				
									\$2,655,847				
Package Summary													
Package 1 - HILLTOP SITE PLAN EXPANSION									\$761,772				
Package 2 - RENOVATIONS, REPLACEMENTS & UPGRADES									\$1,281,397				
Package 3 - ROOF TOP EQUIPMENT & REPLACEMENT									\$612,678				
									\$2,655,847				

			2003	2013	2013-14 47%	2014-15 51%	2015-16 55%	2016-17 59%	2017 63%	2018 67%	2019-20 71%	2020-21 74%	2021-22 77%	2022-23 81%	
Summary															
Package 1 - HILLTOP SITE PLAN EXPANSION															
1	HES-001	T	New Parking Lot, Sidewalks and Canopy								\$761,772				
Package 2 - RENOVATIONS, REPLACEMENTS & UPGRADES															
2	VFES-001	M2	Replace 2 pairs of cafeteria doors with new taller doors								\$28,037				
2	VFES-002	M2	Replace Closets/Casework in classrooms 115-123.								\$247,005				
2	VFES-003	M2	Renovate 1 set of Ganged Student restrooms								\$147,487				
2	VFES-004	M2	Renovate 1 set of Staff restrooms								\$55,608				
2	CHS-001	M2	Replace VCT flooring in north wing second floor corridor								\$37,485				
2	CHS-002	M2	Renovate 1 set of Ganged Student restrooms								\$165,890				
2	CHS-003	M2	Renovate 1 set of Staff restrooms								\$143,855				
2	CHS-004	U	Renovate rooms 211-215 into typical core classroom space.								\$456,030				
Package 3 - ROOF TOP EQUIPMENT & REPLACEMENT															
3	VFES-004	M2	New rooftop unit for copy room								\$115,566				
3	TEMS-001	M2	Roof Top Equipment Replacement								\$181,566				
3	VFMS-001	M2	Roof Top Equipment								\$115,566				
3	CHS-005	M2	RTU Ductwork Insulation Replacement								\$199,980				





EXISTING SITE PLAN



PROPOSED SITE PLAN

Parking Lot Expansion

- Existing Parking area does not provide adequate spaces for current needs.
- Limited count of existing parking (+/- 65 spaces) will be an impediment to anticipated Elementary School redistricting plans.
- Expanding Parking area (+/- 100 spaces) is anticipated to incorporate improvements inclusive of Storm water Management Improvements and Pedestrian access.

-  Parking Spaces
-  Proposed Pedestrian Pathway

Special Considerations

- Schedule to complete Zoning/Use Approvals and Land Development Approvals is compressed, but should be attainable, pending further definition of the project and meeting with Township.
- Avoidance of NPDES permitting is likely a requirement to achieve construction.





Classroom Casework

Cafeteria Door Replacement

- Cafeteria serves as a multi-function space. In order to accommodate certain functions, cafeteria tables must be removed from the cafeteria.
- Due to existing door height, cafeteria tables cannot be transferred from cafeteria into corridor without 'tipping' the tables.
- Door replacement will allow safe and time-efficient set up of the cafeteria for multiple functions.

Storage Closet/Casework Replacement at Classrooms (115-123)

- General storage in the 1957 and 1958 classrooms typically consists of wood laminate base cabinets and full height closet systems, as well as laminate countertops with sinks. The storage systems are original to the building, in generally poor condition, and should be replaced, in order to address deterioration and delamination.
- Provide new open cubby casework with hinged door storage compartments above, and provide solid surface countertops to better address anticipated wear and tear.
- New sinks and associated plumbing shall also be replaced.
- Recent Renovation's in New Eagle Elementary shall serve as basis-of-design.



Staff Restrooms

Refurbish Ganged Restrooms in 1958 Wing

- Toilet fixtures, toilet partitions, and overall finishes in the gang bathrooms in the 1957 portion of the building should be replaced based on age, wear.
- Existing restrooms are proposed to upgrade existing fixtures, accessories, and deteriorated interior finishes (in particular flooring and toilet compartment partitions).
- Recent Renovation's to Restrooms in New Eagle Elementary shall serve as basis-of-design.
- Refurbish 1 set of ganged student restrooms above classroom 110

Refurbish Staff Restrooms adjacent to Media Center

- Toilet fixtures, and overall finishes in the staff bathrooms should be replaced based on age and wear.
- Existing restrooms are proposed to upgrade existing fixtures, accessories, and deteriorated interior finishes.
- Recent Renovation's to Restrooms in New Eagle Elementary shall serve as basis-of-design.
- Refurbish 1 set of Staff restrooms below classroom 114.

Add Rooftop Unit for Copy Room

- Existing conditions do not provide fresh/outdoor air to the Copy Room.
- Based on intensity of usage, of copying operations, provision of a new Rooftop Unit with provision of fresh/outdoor air to the Copy Room is recommended.

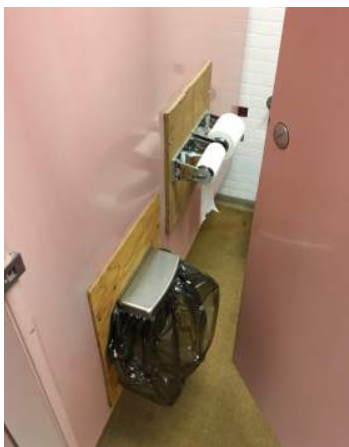




Student Restroom



Student Restroom



Staff Restroom

VCT Flooring Replacement

- On the second floor areas of tile have moved leaving open seams. Corridor tile on the second floor should be scheduled for replacement.
- Flooring at entry lobby, extending to Classroom 258 is proposed for replacement. Entry lobby may receive special treatment (logo, design, etc.).
- Adjacent second floor corridors, whose VCT has been previously replaced, will serve as the basis-of-design.

Refurbish Ganged Restrooms

- Toilet fixtures, toilet partitions, and overall finishes in the gang bathrooms should be replaced based on age and wear.
- Existing restrooms are proposed to upgrade existing fixtures, accessories, and deteriorated interior finishes (in particular flooring and toilet compartment partitions).
- Evaluation of ceiling hung compartment partitions should be considered.
- Recent Renovation's to Restrooms in New Eagle Elementary shall serve as basis-of-design.
- Refurbish 1 set of ganged student restrooms below classroom 210

Refurbish Staff Restrooms

- Toilet fixtures, toilet partitions, and overall finishes in the staff bathrooms should be replaced based on age and wear.
- Existing restrooms are proposed to upgrade existing fixtures, accessories, and deteriorated interior finishes (in particular flooring and toilet compartment partitions).
- Recent Renovation's to Restrooms in New Eagle Elementary shall serve as basis-of-design.
- Refurbish 1 set of Staff restrooms across from classroom 119.

Proposed Interior Renovations (rooms 211-215)

- In order to meet enrollment/student population requirements, this area is being evaluated in order to increase room accommodations for typical classrooms.
- This renovation would transform two Typical Classrooms and one Work Room/Storage Space into three Typical Classrooms.
- This Renovation would yield one additional Typical Classroom.

Proposed Interior Renovations (rooms 227-229)

- In order to meet enrollment/student population requirements, this area is being evaluated in order to increase room accommodations for typical workrooms displaced by Classroom Renovations.
- This renovation would transform two Storage Spaces into a more effective and efficient Work Room/Storage Space.

Rooftop Insulated Ductwork Replacement

- Due to deterioration of insulation on existing rooftop ductwork. It is proposed to have the existing ductwork replaced with new insulated ductwork.

Proposed 2019 Project Interior Renovations (rooms 136-134)

- In order to meet enrollment/student population requirements, this area is being evaluated in order to increase typical classroom accommodations.
- This renovation would transform one Science Lab, one Workroom and one (smaller) Computer Classroom into two Typical Classrooms.
- This Renovation would yield two standard sized Typical Classrooms.

Proposed 2019 Project Interior Renovations (rooms 205)

- In order to meet enrollment/student population requirements, this area is being evaluated in order to increase typical classrooms accommodations.
- This renovation would transform one Computer lab, and accessory offices into two Typical Classrooms.
- This Renovation would yield two standard sized Typical Classrooms.



November 2, 2017

**Summary of 2018 Projects
 Tredyffrin Easttown School District**

Project Bid Groups	Estimated Cost
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Site/Parking Improvements (Bid Package 1):	\$ 761,772
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HES

HES-001 - Construct new parking areas and drives, reconfigure entry/circulation drive, construct additional pathways/stairs. Construct new retaining wall. Modifications to stormwater management system. Construct new cover over existing walkway for new drop off location entry by the science wing. Curbs, and lot painting. Install new lighting. Plant new trees and shrubs. New rails at stairs.

Renovations and Upgrades (Bid Package 2):	\$ 1,281,397
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VFES

Replace 2 pairs of cafeteria doors with new taller doors.
 Remove existing doors, frames, and lintels. Provide new lintels. Adjust existing exit signs. Provide new taller doors and frames.

Replace Closets/Casework in classrooms 115-123.
 Remove existing casework and sinks. Install new open cubby casework with hinged door storage compartments above. Provide new sink and water fountain. Adjust soffits and flooring as necessary.

Renovate 1 set of Ganged Student restrooms above classroom 110.
 Remove existing flooring, floor drains, fixtures, ACT ceiling, lighting, exhaust fans, toilet partitions, all accessories. Install new fixtures, ACT ceiling, lighting, exhaust fans, tile flooring, wall tile, toilet partitions, floor drains, all accessories.

Renovate 1 set of Staff restrooms below classroom 114.
 Remove existing flooring, floor drains, fixtures, ACT ceiling, lighting, exhaust fans, toilet partitions, all accessories. Install new fixtures, ACT ceiling, lighting, exhaust fans, tile flooring, wall tile, toilet partitions, floor drains, all accessories.

CHS

Replace VCT flooring in north wing second floor corridor and bus lobby. Remove existing VCT flooring and base. Prep floor and install new VCT flooring and base in similar layout as adjacent hallways. Install new VCT flooring in bus lobby with a circular design and possible logo.

Renovate 1 set of Ganged Student restrooms below classroom 210. Remove existing flooring, floor drains, fixtures, GWB ceiling, lighting, exhaust fans, toilet partitions, all accessories. Install new fixtures, ACT ceiling, lighting, exhaust fans, tile flooring, wall tile, toilet partitions, floor drains, all accessories.

Renovate 1 set of Staff restrooms across from classroom 119. Remove existing flooring, floor drains, fixtures, GWB ceiling, lighting, exhaust fans, toilet partitions, all accessories. Install new fixtures, ACT ceiling, lighting, exhaust fans, tile flooring, wall tile, toilet partitions, floor drains, all accessories.

Renovate rooms 211-215 into typical core classroom space. Remove existing partitions, ceiling, lighting, electrical poles, flooring. Install new partitions, flooring, lighting. Relocate classroom entry door. Adjust lockers. Renovate rooms 227 and 229 into a new workroom and storage. Remove portion of existing partition. Remove flooring, ceiling, lighting. Install new partition for equipment closet. Install new flooring, ceiling, and casework for the workroom. Add new RTU for new workroom space

Roof Top Units (Bid Package 3): **\$ 612,678**

VFES Provide 1 new rooftop unit for copy room below classroom 114
 TEMS Replace 1 rooftop unit (RTU6)
 VFMS Provide 1 new rooftop unit for copy room next to music room 106A
 CHS AHU1, AHU23, AHU27 rooftop insulated ductwork replacement

Total **\$2,655,847**

November 1, 2017

Mr. Arthur McDonnell
 Tredyffrin/Easttown School District
 West Valley Business Center
 940 West Valley Road, Suite 1700
 Wayne, PA 19087

**Re: TESD 2018 Projects - Fee Proposal
 Infrastructure Implementation - Year Twelve**

Dear Art:

The following is a fee proposal for the projects outlined in the attached Bid Package Review. We will design, prepare construction documents, coordinate the bidding process, and provide construction administration services for the following bid packages, based on the following fees. The fees below include the engineering services of Schiller & Hersh Associates for mechanical, plumbing and electrical systems, A.W. Lookup Corporation for structural design, Pennoni Associates for Site Civil Engineering.

Bid Pkg	Work Description	Estimated Construction Cost	Fee:
#1	SITE PLAN EXPANSION Hillside Elementary	\$761,772	\$100,700
#2	RENOVATIONS, REPLACEMENTS & UPGRADES Valley Forge Elementary Conestoga High	\$1,281,397	\$165,010
#3	ROOF TOP EQUIPMENT & REPLACEMENT Valley Forge Elementary TE Middle Valley Forge Middle Conestoga High	\$612,678	\$78,630
	TOTALS OF PROPOSED FEES	\$2,655,847	\$344,340

The above fees will be not to exceed amounts, and will be invoiced hourly using the rates from our yearly services agreement with the School District. If there is time and monies saved on any of the projects above, this will be returned to the District.

The conditions and services will be as per the standard form of agreement between Heckendorn Shiles Architects and the Tredyffrin Easttown School District.

Attached you will find a detailed description of the projects listed in this proposal letter. Please let me know if you have any questions or concerns.

November 1, 2017

Sincerely,
HECKENDORN SHILES ARCHITECTS

Matthew A. Heckendorn, AIA, LEED AP
Principal



Authorized:

Arthur McDonnell
Tredyffrin Easttown School District

Date



ARMM ASSOCIATES, INC.

725 Kenilworth Avenue • Cherry Hill, NJ 08002-2841
(800)257-5261 • (856)665-8484 • Fax (856)665-5255

October 26, 2017

Colm Kelly, Maintenance Supervisor – kellyc@tesd.net
Tredyffrin Easttown School District
920 Old Lancaster Road
Berwyn, PA 19312

**Re: Roof Design Proposal - Revised
Beaumont Elementary – Roof Areas C, D, K, K1, K2, K3, and L
T/E Middle School – Roof Areas O and P**

Dear Gentlemen:

Thank you very much for allowing ARMM to provide a Phase II Re-Roof Design proposal for the above referenced schools.

On November 21, 2000, ARMM Associates provided a Phase I Roof Audit of all the school district buildings. The excerpts from that report show the total size of Roof Areas O and P on the T/E Middle School is 3,725 square feet and the total size of the designated areas on the Beaumont School is 15,108 square feet, along with the decking at the Beaumont Elementary School canopy.

Our survey in 2000 revealed the shingle roofs on the Beaumont School areas listed above were installed before 1995. ARMM's specifications for the Beaumont School roof replacement will focus on the desired roof material (metal or a return to shingle).

The 2-ply granular-surface SBS modified bitumen roofing systems on the areas on the T/E Middle School were installed in 1999.

Cost estimates for roof replacement at this time are \$189,533 for Beaumont and \$95,000 for T/E Middle School. Total estimated construction cost for both projects is between \$285,000 to \$300,000.

It should be noted in a review of the entirety of all facilities, ARMM Associates dealt with the original design litigation almost 30 years ago. The majority of the buildings were re-roofed from the time period between 1992 and 2009.

ARMM's Phase II Re-Roof Design would include the following:

1. Review of client's original plans and specifications:

For analysis of how the original roof was constructed, and how new material and processes can be employed on the structure.

2. Field Investigation:

Competent field examiner acquires field measurements and investigates present conditions.

3. Design Formulation:

Design selection of materials that would be proper for each application. This would include discussion of metal roofing system versus shingle application for the Beaumont School.

4. Drafting:

Production of all drafting work for detailing of roof conditions and overall roof plans.

5. Specifications:

Production of the work specifications that the contractor will follow to perform the work. General conditions and bidding documents are included.

6. Final Review of Design:

Final review of design is done internally to eliminate possible errors and to do internal estimating.

7. Typing and Reproduction:

A series of specifications are made for bidding contractors.

8. Expenses:

Expenses include travel and field examinations.

Professional Fee

ARMM's fee to prepare plans and specifications for both projects is **\$18,000.00**.

Auxiliary Services

The following Construction Administration services are outside of the professional design services and are billed separately. These services would be billed for each service on a singular project basis.

1. Bidders' Tour: A representative of ARMM Associates would conduct a Bidders' Tour where a selection of contractors would review the project site in preparation for their bids. Owner's representatives will be able to interface with the contractors and answer questions in reference to the application.
Bidders' Tour.....\$1,200.00
2. Bid Evaluation and Contracts: ARMM Associates would review the submitted bids and make a recommendation in reference to the lowest responsible bidder.
Bid Evaluation\$1,000.00
3. Pre-Construction Conference: A representative of ARMM Associates will conduct a pre-construction conference with the Owner's representatives and the contractor to discuss application procedures, clean up and sanitary requirements, as well as provide a final review of technical specifications.
Preconstruction Conference.....\$1,400.00

- 4. Pre-Final Inspection: A representative of ARMM Associates will provide a detailed list of items remaining on the project.
Pre-Final Inspection no charge with full-time monitoring
- 5. Final Inspection: A representative of ARMM Associates will review the items from the Pre-Final Inspection punch-list. ARMM will coordinate with the general contractor to secure all final closeout documents. These documents will include (but are not limited to) roof warranties, general conditions, and changes within the work, rectified on construction documents, and any documentation required by the Owner.
Final Inspection \$1,600.00

Full-Time Construction Monitoring

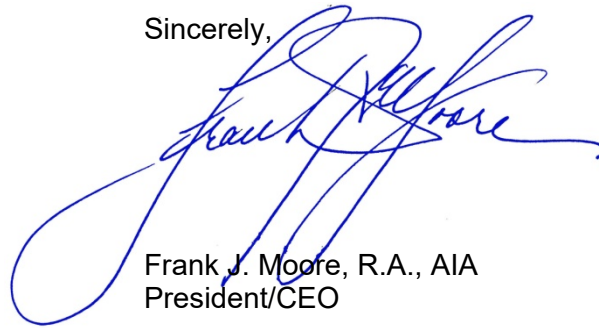
ARMM strongly recommends the use of a construction monitor during the construction process. This service documents the progress of the construction process with written reports and photographs taken during the course of the project. The cost for this service is broken down on a weekly basis and is \$4,200.00 per week (40-hours per week, 8 hours per day, Monday through Friday). Alternatively, ARMM can provide periodic inspections during the course of construction at a frequency determined by the District. Periodic inspections would be billed on an hourly basis at the rate of \$175.00 per hour.

Conclusion

If you wish to proceed with the design process for these two schools, a standard Purchase Order will allow us to begin, or sign the Authorization Line below and return to me attention.

If you have any questions or require additional information, please do not hesitate to call.

Sincerely,



Frank J. Moore, R.A., AIA
President/CEO

FJM/ec

Authorization to Proceed:

_____ for Tredyffrin/Easttown School District

_____ Date



ARMM ASSOCIATES, INC.

725 Kenilworth Avenue • Cherry Hill, NJ 08002-2841
(800)257-5261 • (856)665-8484 • Fax (856)665-5255

October 26, 2017

Colm Kelly, Maintenance Supervisor – kellyc@tesd.net
Tredyffrin Easttown School District
920 Old Lancaster Road
Berwyn, PA 19312

Re: Roof Survey Proposal - Revised

Dear Gentlemen:

Thank you very much for allowing ARMM to provide a Roof Survey for the buildings in the Tredyffrin/Easttown School District.

According to ARMM's 2010 roof survey summary (copy enclosed), the roofs total 652,844 square feet. It is our understanding the district personnel has done an excellent job in maintaining the existing roofing systems.

The proposed survey would provide the District with an updated document of the roof inventory and will also provide estimated costs for any required re-roofing moving forward. More specifically, the updated Roof Survey would provide the following:

1. Infrared Scan

A majority of the buildings still have roofing systems that are still covered under existing warranties. Approximately 50% of the roofs are within 5 to 6 years of reaching the end of the warranty periods. An infrared survey will identify any anomalies which would become the basis for the manufacturer to implement repairs. I would urge the District to have the infrared survey performed and have it be the basis of a repair program for the roofing systems, prior to the expiration of the warranties.

2. Field Measurements

While the majority of the roofs have been already measured by ARMM, any additions to buildings that were added after our 2010 survey will be added to the inventory listing.

3. Roof Sampling

ARMM has composite listings for the majority of the roofs on the buildings. Roof composite information for roof areas that were not identified in our 2010 survey can be added for the updated roof survey.

4. Visual Assessment

A visual assessment of all roof areas to document current field conditions of the existing roofing systems.

5. Cost Estimates

For each roof unit area, estimated costs will be calculated for roof replacement. For areas needing replacement within the next five years, ARMM will prepare a prioritized list of necessary replacements with estimated construction costs.

6. Maintenance Program

During our roof survey, ARMM will compile a list of recommended maintenance and/or repair items for submission to the roof manufacturer holding the warranty, or to roofing contractors for areas no longer under warranty. The maintenance and repair listing can be developed into a Roof Maintenance Remedial Specification for bidding. A separate fee can be quoted for the Remedial Specification, if the Board desires.

7. Presentation

Following completion of the roof survey, a presentation will be held for the Board/District as an informative meeting to discuss long-term programs and budget.

Professional Fees

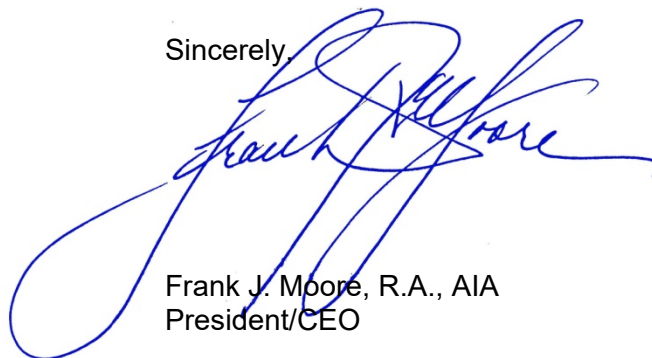
ARMM's fee to perform a roof survey and Infrared survey for the District as described above is **\$43,000.00**, or \$0.065 per square foot.

Procedural Advancement

If you wish to proceed with the roof survey, a standard Purchase Order will allow us to begin, or sign the Authorization Line below and return to me attention.

If you have any questions or require additional information, please do not hesitate to call.

Sincerely,



Frank J. Moore, R.A., AIA
President/CEO

Authorization to Proceed:

_____ for Tredyffrin/Easttown School District

_____ Date

Capital Sources & Uses (10 -Yr Plan)

	A	B	C	D	E	F	G	H	I
	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	Total Projected
	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projects
Sources									
1 General Fund Transfer to Capital Project	10,444,168	10,444,168	10,444,168	5,353,507	(2,253,001)	(10,179,897)	(17,967,314)	(23,179,438)	
2 Proceeds from Bond Issue	12,711,171	5,428,545	546,970	0	0	0	0	0	
3 Assigned Athletic Fund Balance	0	678,500	0	0	0	0	0	0	
4 Total Sources	23,155,339	16,551,213	10,991,138	5,353,507	(2,253,001)	(10,179,897)	(17,967,314)	(23,179,438)	
Uses									
5 Capital Improvement	429,497	458,730	1,772,388	714,452	1,867,066	518,711	1,621,756		7,382,600
6 Deferred Maintenance	3,392,968	3,615,995	3,129,900	4,473,720	3,944,913	5,182,717	2,896,926		26,637,139
7 Roofing	0	0	0	0	0	0	0		0
8 Regulatory/Safety	0	30,000	0	672,914	452,721	221,430	13,600		1,390,665
9 CCTV Security System	0	0	0	866,259	722,491	976,130	0		2,564,880
10 Vehicle Replacement	0	50,000	0	0	0	0	0		50,000
11 Teamer Field Turf	0	499,450	0	0	0	0	0		499,450
12 NEES Classroom Addition	0	0	0	0	0	0	0		0
13 Maintenance/Storage Building	2,590,073	0	0	0	0	0	0		2,590,073
14 Retrofit Lighting Projects	0	100,000	0	0	0	0	0		100,000
15 Prof Fees, District Costs, Contingencies	870,088	805,900	735,343	879,163	939,705	888,429	679,842		5,798,470
16 Total Uses	7,282,626	5,560,075	5,637,631	7,606,508	7,926,896	7,787,417	5,212,124	0	47,013,277
17 Balance of Sources over Uses	15,872,713	10,991,138	5,353,507	(2,253,001)	(10,179,897)	(17,967,314)	(23,179,438)	(23,179,438)	

Source: September 27 2017 Infrastructure Report

TREDYFFRIN/EASTTOWN SCHOOL DISTRICT
CAPITAL PROJECT SUMMARY

November 6, 2017

	A	B	C	D	C+D=E	B-E=F	A-E=G
Capital Projects	Pre-Bid 17-18	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining	Pre-Bid Remaining
1 Site Paving Repairs & Replacements at DES, VFMS	174,000	216,380	195,449	17,931	213,380	3,000	(39,380)
2 Replacements & Upgrades, TEAO	475,000	500,600	50,959	439,641	490,600	10,000	(15,600)
3 Locker Replacements, VFMS	65,000	102,300	61,136	38,164	99,300	3,000	(34,300)
4 Replacements & Upgrades, BES, VFES, VFMS	938,000	1,027,299	748,135	310,933	1,059,068	(31,769)	(121,068)
5 Renovations, Replacements & Upgrades, CHS, HES	917,247	631,830	513,086	108,744	621,830	10,000	295,417
6 Doors & Hardware, NEES	162,588	163,000	9,242	151,758	161,000	2,000	1,588
7 Renovations, Replacements & Upgrades, NEES	874,810	732,131	569,071	153,060	722,131	10,000	152,679
8 Replacements & Upgrades, TEMS	840,000	732,110	540,931	174,882	715,813	16,297	124,187
9 Turf Replacement at Teamer Field	640,000	499,450	405,139	92,311	497,450	2,000	142,550
Total All Capital Projects	5,086,645	4,605,100	3,093,148	1,487,425	4,580,572	24,528	506,073

Site Paving Repairs & Replacements, DES, VFMS

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - John McPhillips & Sons	167,930.00	166,250.70	1,679.30	167,930.00	0.00
2 Architect Fees	29,450.00	26,924.50	2,525.50	29,450.00	0.00
3 Project Construction Total	197,380.00	193,175.20	4,204.80	197,380.00	0.00
4 Feasibility Study	3,000.00	2,273.40	726.60	3,000.00	0.00
5 Architect Fees-Coordination Bids	0.00	0.00	0.00	0.00	0.00
6 Printing and Postage	0.00	0.00	0.00	0.00	0.00
7 Site Surveys, Testing	4,000.00	0.00	4,000.00	4,000.00	0.00
8 Permits & Approval	2,000.00	0.00	2,000.00	2,000.00	0.00
9 Legal	0.00	0.00	0.00	0.00	0.00
10 Technology	0.00	0.00	0.00	0.00	0.00
11 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
12 Total Non-Contract Purchase	9,000.00	2,273.40	6,726.60	9,000.00	0.00
13 Custodial Support	1,000.00	0.00	1,000.00	1,000.00	0.00
14 Maintenance Support	1,000.00	0.00	1,000.00	1,000.00	0.00
15 Security Support	1,000.00	0.00	1,000.00	1,000.00	0.00
16 Asbestos Removal (Incl. Supplies)	1,000.00	0.00	1,000.00	1,000.00	0.00
17 Project Supervision	1,000.00	0.00	1,000.00	1,000.00	0.00
18 Networking/Telephone/Security Wire	1,000.00	0.00	1,000.00	1,000.00	0.00
19 District Miscellaneous	1,000.00	0.00	1,000.00	1,000.00	0.00
20 Total District Charges	7,000.00	0.00	7,000.00	7,000.00	0.00
21 Project Contingency	3,000.00	0.00	0.00	0.00	3,000.00
22 Total Project:	216,380.00	195,448.60	17,931.40	213,380.00	3,000.00

Replacements & Upgrades, TEAO

	A Budget	B Expenditures	C Encumbrance	B+C=D Project Total	A-D=E Balance Remaining
1 General Contractor - Walter Brucker & Company	72,900.00	13,230.00	59,670.00	72,900.00	0.00
2 Mechanical	0.00	0.00	0.00	0.00	0.00
3 Plumbing - Trefz Mechanical	0.00	0.00	0.00	0.00	0.00
4 Electrical - G.A. Vieri	335,000.00	0.00	335,000.00	335,000.00	0.00
5 Architect and Engineering Fees	39,700.00	33,878.00	5,822.00	39,700.00	0.00
6 Project Construction Total	447,600.00	47,108.00	400,492.00	447,600.00	0.00
7 Feasibility Study	1,000.00	553.99	446.01	1,000.00	0.00
8 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys, Testing	2,000.00	0.00	2,000.00	2,000.00	0.00
11 Professional Fees	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	3,500.00	3,297.28	202.72	3,500.00	0.00
13 Legal	1,500.00	0.00	1,500.00	1,500.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	8,000.00	3,851.27	4,148.73	8,000.00	0.00
17 Custodial Support	3,000.00	0.00	3,000.00	3,000.00	0.00
18 Maintenance Support	9,000.00	0.00	9,000.00	9,000.00	0.00
19 Security Support	10,000.00	0.00	10,000.00	10,000.00	0.00
20 Asbestos Removal (Incl. Supplies)	5,000.00	0.00	5,000.00	5,000.00	0.00
21 Project Supervision	1,000.00	0.00	1,000.00	1,000.00	0.00
22 Networking/Telephone/Security Wire	2,000.00	0.00	2,000.00	2,000.00	0.00
23 District Miscellaneous	5,000.00	0.00	5,000.00	5,000.00	0.00
24 Total District Expenditures	35,000.00	0.00	35,000.00	35,000.00	0.00
25 Project Contingency	10,000.00	0.00	0.00	0.00	10,000.00
26 Total Project:	500,600.00	50,959.27	439,640.73	490,600.00	10,000.00

Locker Replacements, VFMS

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - W.B. Mason	83,800.00	53,649.00	30,151.00	83,800.00	0.00
2 Mechanical	0.00	0.00	0.00	0.00	0.00
3 Plumbing	0.00	0.00	0.00	0.00	0.00
4 Electrical	0.00	0.00	0.00	0.00	0.00
5 Architect Fees - D&J	7,300.00	7,300.00	0.00	7,300.00	0.00
6 Project Construction Total	91,100.00	60,949.00	30,151.00	91,100.00	0.00
7 Feasibility Study	1,000.00	186.71	813.29	1,000.00	0.00
8 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys	500.00	0.00	500.00	500.00	0.00
11 Geotechnical Engineer	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	200.00	0.00	200.00	200.00	0.00
13 Legal	0.00	0.00	0.00	0.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	1,700.00	186.71	1,513.29	1,700.00	0.00
17 Custodial Support	1,000.00	0.00	1,000.00	1,000.00	0.00
18 Maintenance Support	1,000.00	0.00	1,000.00	1,000.00	0.00
19 Security Support	1,000.00	0.00	1,000.00	1,000.00	0.00
20 Asbestos Removal (Incl. Supplies)	1,000.00	0.00	1,000.00	1,000.00	0.00
21 Project Supervision	1,000.00	0.00	1,000.00	1,000.00	0.00
22 Networking/Telephone/Security Wire	500.00	0.00	500.00	500.00	0.00
23 District Miscellaneous	1,000.00	0.00	1,000.00	1,000.00	0.00
24 Total District Expenditures	6,500.00	0.00	6,500.00	6,500.00	0.00
25 Project Contingency	3,000.00	0.00	0.00	0.00	3,000.00
26 Total Project:	102,300.00	61,135.71	38,164.29	99,300.00	3,000.00

Replacements & Upgrades, BES, VFES, VFMS

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor	0.00	0.00	0.00	0.00	0.00
2 Mechanical - Myco Mechanical	574,000.00	303,174.90	270,825.10	574,000.00	0.00
3 Plumbing	0.00	0.00	0.00	0.00	0.00
4 Electrical - MJF Electric	332,099.00	368,868.00	0.00	368,868.00	(36,769.00)
5 Architect and Engineering Fees - D&J	72,000.00	68,721.00	3,279.00	72,000.00	0.00
6 Project Construction Total	978,099.00	740,763.90	274,104.10	1,014,868.00	(36,769.00)
7 Feasibility Study	1,000.00	265.37	734.63	1,000.00	0.00
8 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys	1,000.00	0.00	1,000.00	1,000.00	0.00
11 Geotechnical Engineer	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	7,200.00	7,105.65	94.35	7,200.00	0.00
13 Legal	1,000.00	0.00	1,000.00	1,000.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	10,200.00	7,371.02	2,828.98	10,200.00	0.00
17 Custodial Support	3,000.00	0.00	3,000.00	3,000.00	0.00
18 Maintenance Support	12,000.00	0.00	12,000.00	12,000.00	0.00
19 Security Support	10,000.00	0.00	10,000.00	10,000.00	0.00
20 Asbestos Removal (Incl. Supplies)	5,000.00	0.00	5,000.00	5,000.00	0.00
21 Project Supervision	1,000.00	0.00	1,000.00	1,000.00	0.00
22 Networking/Telephone/Security Wire	1,000.00	0.00	1,000.00	1,000.00	0.00
23 District Miscellaneous	2,000.00	0.00	2,000.00	2,000.00	0.00
24 Total District Charges	34,000.00	0.00	34,000.00	34,000.00	0.00
25 Project Contingency	5,000.00	0.00	0.00	0.00	5,000.00
26 Total Project:	1,027,299.00	748,134.92	310,933.08	1,059,068.00	(31,769.00)

Renovations, Replacements & Upgrades, CHS, HES

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - Donald E Reisinger	410,030.00	408,530.00	1,500.00	410,030.00	0.00
2 Mechanical - Myco Mechanical	92,600.00	46,132.38	46,467.62	92,600.00	0.00
3 Plumbing	0.00	0.00	0.00	0.00	0.00
4 Electrical	0.00	0.00	0.00	0.00	0.00
5 Architect and Engineering Fees - D&J	66,600.00	57,049.00	9,551.00	66,600.00	0.00
6 Project Construction Total	569,230.00	511,711.38	57,518.62	569,230.00	0.00
7 Feasibility Study	1,000.00	346.20	653.80	1,000.00	0.00
8 Furniture Fixtures and Equipment	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys	500.00	0.00	500.00	500.00	0.00
11 Geotechnical Engineer	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	1,100.00	1,028.26	71.74	1,100.00	0.00
13 Legal	1,000.00	0.00	1,000.00	1,000.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	3,600.00	1,374.46	2,225.54	3,600.00	0.00
17 Custodial Support	15,000.00	0.00	15,000.00	15,000.00	0.00
18 Maintenance Support	4,000.00	0.00	4,000.00	4,000.00	0.00
19 Security Support	10,000.00	0.00	10,000.00	10,000.00	0.00
20 Asbestos Removal (Incl. Supplies)	10,000.00	0.00	10,000.00	10,000.00	0.00
21 Project Supervision	1,000.00	0.00	1,000.00	1,000.00	0.00
22 Networking/Telephone/Security Wire	4,000.00	0.00	4,000.00	4,000.00	0.00
23 District Miscellaneous	5,000.00	0.00	5,000.00	5,000.00	0.00
24 Total District Charges	49,000.00	0.00	49,000.00	49,000.00	0.00
25 Project Contingency	10,000.00	0.00	0.00	0.00	10,000.00
26 Total Project:	631,830.00	513,085.84	108,744.16	621,830.00	10,000.00

Doors & Hardware, NEES

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - Unified Door & Hardware	141,000.00	0.00	141,000.00	141,000.00	0.00
2 Mechanical Contractor	0.00	0.00	0.00	0.00	0.00
3 Plumbing	0.00	0.00	0.00	0.00	0.00
4 Electrical	0.00	0.00	0.00	0.00	0.00
5 Architect Fees	9,000.00	9,000.00	0.00	9,000.00	0.00
6 Project Construction Total	150,000.00	9,000.00	141,000.00	150,000.00	0.00
7 Feasibility Study	1,000.00	242.10	757.90	1,000.00	0.00
8 Architect Fees - Furniture	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys, Testing (Borings)	1,000.00	0.00	1,000.00	1,000.00	0.00
11 Geotechnical Engineer	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	2,000.00	0.00	2,000.00	2,000.00	0.00
13 Legal	1,000.00	0.00	1,000.00	1,000.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	5,000.00	242.10	4,757.90	5,000.00	0.00
17 Custodial Support	1,000.00	0.00	1,000.00	1,000.00	0.00
18 Maintenance Support	2,000.00	0.00	2,000.00	2,000.00	0.00
19 Security Support	1,000.00	0.00	1,000.00	1,000.00	0.00
20 Asbestos Removal (Incl. Supplies)	0.00	0.00	0.00	0.00	0.00
21 Project Supervision	1,000.00	0.00	1,000.00	1,000.00	0.00
22 Networking/Telephone/Security Wire	0.00	0.00	0.00	0.00	0.00
23 District Miscellaneous	1,000.00	0.00	1,000.00	1,000.00	0.00
24 Total District Charges	6,000.00	0.00	6,000.00	6,000.00	0.00
25 Project Contingency	2,000.00	0.00	0.00	0.00	2,000.00
26 Total Project:	163,000.00	9,242.10	151,757.90	161,000.00	2,000.00

Renovations, Replacements & Upgrades, NEES

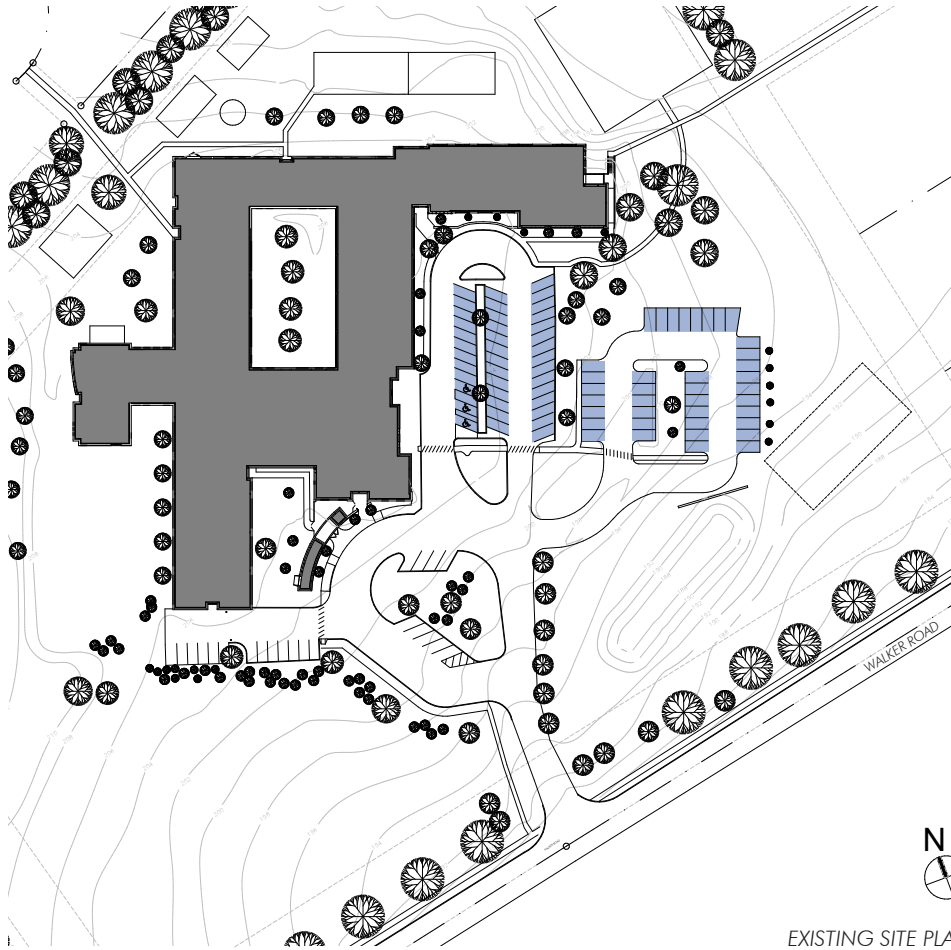
	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - L.J. Paoella	349,256.00	318,132.20	31,123.80	349,256.00	0.00
2 Mechanical Contractor - Rogers Mechanical	71,700.00	68,115.00	3,585.00	71,700.00	0.00
3 Plumbing - Rogers Mechanical	54,000.00	51,300.00	2,700.00	54,000.00	0.00
4 Electrical - MJF Electric	133,800.00	67,046.00	66,754.00	133,800.00	0.00
5 Architect Fees	64,200.00	49,972.00	14,228.00	64,200.00	0.00
6 Project Construction Total	672,956.00	554,565.20	118,390.80	672,956.00	0.00
7 Feasibility Study	1,000.00	436.64	563.36	1,000.00	0.00
8 Architect Fees-Coordination Bids	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys, Testing	1,000.00	0.00	1,000.00	1,000.00	0.00
11 Geotechnical Engineer	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	3,500.00	3,311.52	188.48	3,500.00	0.00
13 Legal	1,000.00	0.00	1,000.00	1,000.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	6,500.00	3,748.16	2,751.84	6,500.00	0.00
17 Custodial Support	10,000.00	0.00	10,000.00	10,000.00	0.00
18 Maintenance Support	8,000.00	0.00	8,000.00	8,000.00	0.00
19 Security Support	11,675.00	10,757.81	917.19	11,675.00	0.00
20 Asbestos Removal (Incl. Supplies)	5,000.00	0.00	5,000.00	5,000.00	0.00
21 Project Supervision	1,000.00	0.00	1,000.00	1,000.00	0.00
22 Networking/Telephone/Security Wire	2,000.00	0.00	2,000.00	2,000.00	0.00
23 District Miscellaneous	5,000.00	0.00	5,000.00	5,000.00	0.00
24 Total District Charges	42,675.00	10,757.81	31,917.19	42,675.00	0.00
25 Project Contingency	10,000.00	0.00	0.00	0.00	10,000.00
26 Total Project:	732,131.00	569,071.17	153,059.83	722,131.00	10,000.00

Replacements & Upgrades, TEMS

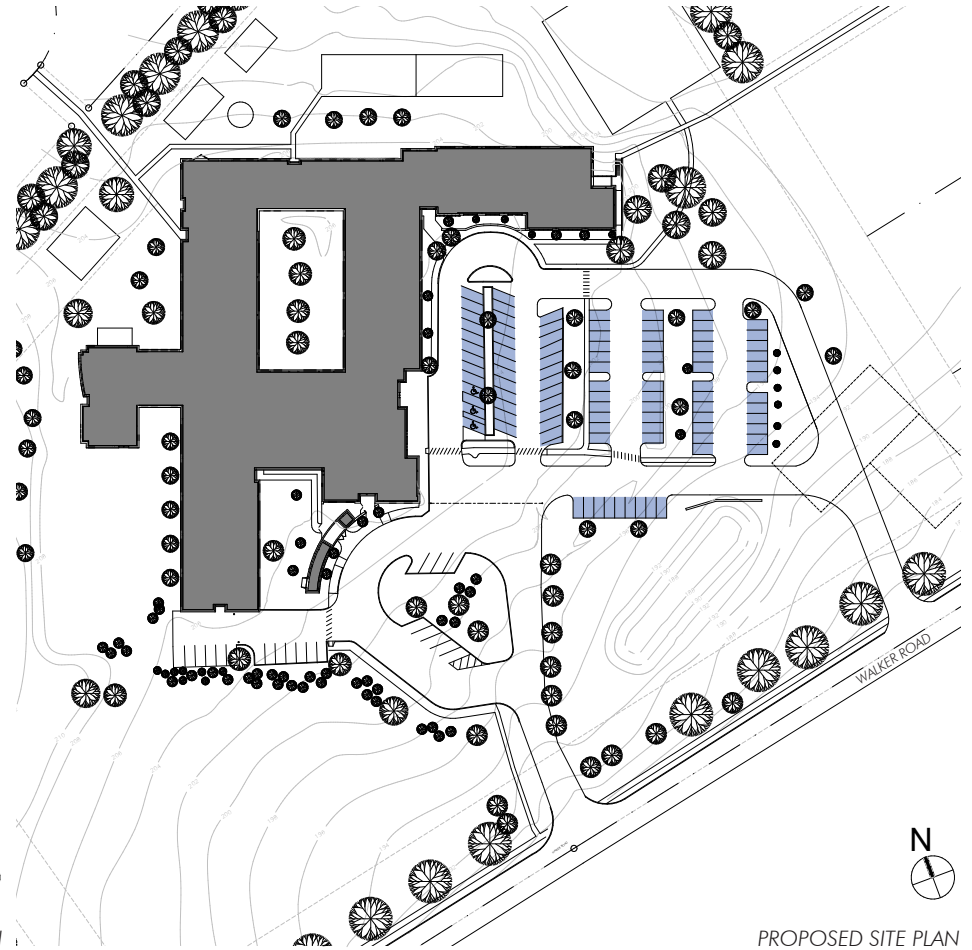
	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - L.J. Paolella	235,960.00	152,352.90	83,607.10	235,960.00	0.00
2 Mechanical Contractor - Myco Mechanical	230,000.00	214,985.00	15,015.00	230,000.00	0.00
3 Plumbing	0.00	0.00	0.00	0.00	0.00
4 Electrical - A.N. Lynch Co	91,200.00	114,903.45	0.00	114,903.45	(23,703.45)
5 Architect Fees	68,950.00	54,055.00	14,895.00	68,950.00	0.00
6 Project Construction Total	626,110.00	536,296.35	113,517.10	649,813.45	(23,703.45)
7 Feasibility Study	1,000.00	874.41	125.59	1,000.00	0.00
8 Architect Fees-Coordination Bids	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys, Testing	1,000.00	0.00	1,000.00	1,000.00	0.00
11 Geotechnical Engineer	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	4,000.00	3,760.27	239.73	4,000.00	0.00
13 Legal	1,000.00	0.00	1,000.00	1,000.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	7,000.00	4,634.68	2,365.32	7,000.00	0.00
17 Custodial Support	10,000.00	0.00	10,000.00	10,000.00	0.00
18 Maintenance Support	20,000.00	0.00	20,000.00	20,000.00	0.00
19 Security Support	10,000.00	0.00	10,000.00	10,000.00	0.00
20 Asbestos Removal (Incl. Supplies)	10,000.00	0.00	10,000.00	10,000.00	0.00
21 Project Supervision	1,000.00	0.00	1,000.00	1,000.00	0.00
22 Networking/Telephone/Security Wire	3,000.00	0.00	3,000.00	3,000.00	0.00
23 District Miscellaneous	5,000.00	0.00	5,000.00	5,000.00	0.00
24 Total District Charges	59,000.00	0.00	59,000.00	59,000.00	0.00
25 Project Contingency	40,000.00	0.00	0.00	0.00	40,000.00
26 Total Project:	732,110.00	540,931.03	174,882.42	715,813.45	16,296.55

Turf Replacement at Teamer Field

	A	B	C	B+C=D	A-D=E
	Budget	Expenditures	Encumbrance	Project Total	Balance Remaining
1 General Contractor - Athletic Fields	444,450.00	366,030.00	78,420.00	444,450.00	0.00
2 Mechanical Contractor	0.00	0.00	0.00	0.00	0.00
3 Plumbing	0.00	0.00	0.00	0.00	0.00
4 Electrical	0.00	0.00	0.00	0.00	0.00
5 Architect Fees	38,500.00	38,500.00	0.00	38,500.00	0.00
6 Project Construction Total	482,950.00	404,530.00	78,420.00	482,950.00	0.00
7 Feasibility Study	1,000.00	609.09	390.91	1,000.00	0.00
8 Architect Fees-Coordination Bids	0.00	0.00	0.00	0.00	0.00
9 Printing and Postage	0.00	0.00	0.00	0.00	0.00
10 Site Surveys, Testing	1,000.00	0.00	1,000.00	1,000.00	0.00
11 Geotechnical Engineer	0.00	0.00	0.00	0.00	0.00
12 Permits & Approval	1,000.00	0.00	1,000.00	1,000.00	0.00
13 Legal	500.00	0.00	500.00	500.00	0.00
14 Technology	0.00	0.00	0.00	0.00	0.00
15 Furniture & Equipment	0.00	0.00	0.00	0.00	0.00
16 Total Non-Contract Purchase	3,500.00	609.09	2,890.91	3,500.00	0.00
17 Custodial Support	1,000.00	0.00	1,000.00	1,000.00	0.00
18 Maintenance Support	4,000.00	0.00	4,000.00	4,000.00	0.00
19 Security Support	2,000.00	0.00	2,000.00	2,000.00	0.00
20 Asbestos Removal (Incl. Supplies)	1,000.00	0.00	1,000.00	1,000.00	0.00
21 Project Supervision	1,000.00	0.00	1,000.00	1,000.00	0.00
22 Networking/Telephone/Security Wire	1,000.00	0.00	1,000.00	1,000.00	0.00
23 District Miscellaneous	1,000.00	0.00	1,000.00	1,000.00	0.00
24 Total District Charges	11,000.00	0.00	11,000.00	11,000.00	0.00
25 Project Contingency	2,000.00	0.00	0.00	0.00	2,000.00
26 Total Project:	499,450.00	405,139.09	92,310.91	497,450.00	2,000.00



EXISTING SITE PLAN



PROPOSED SITE PLAN

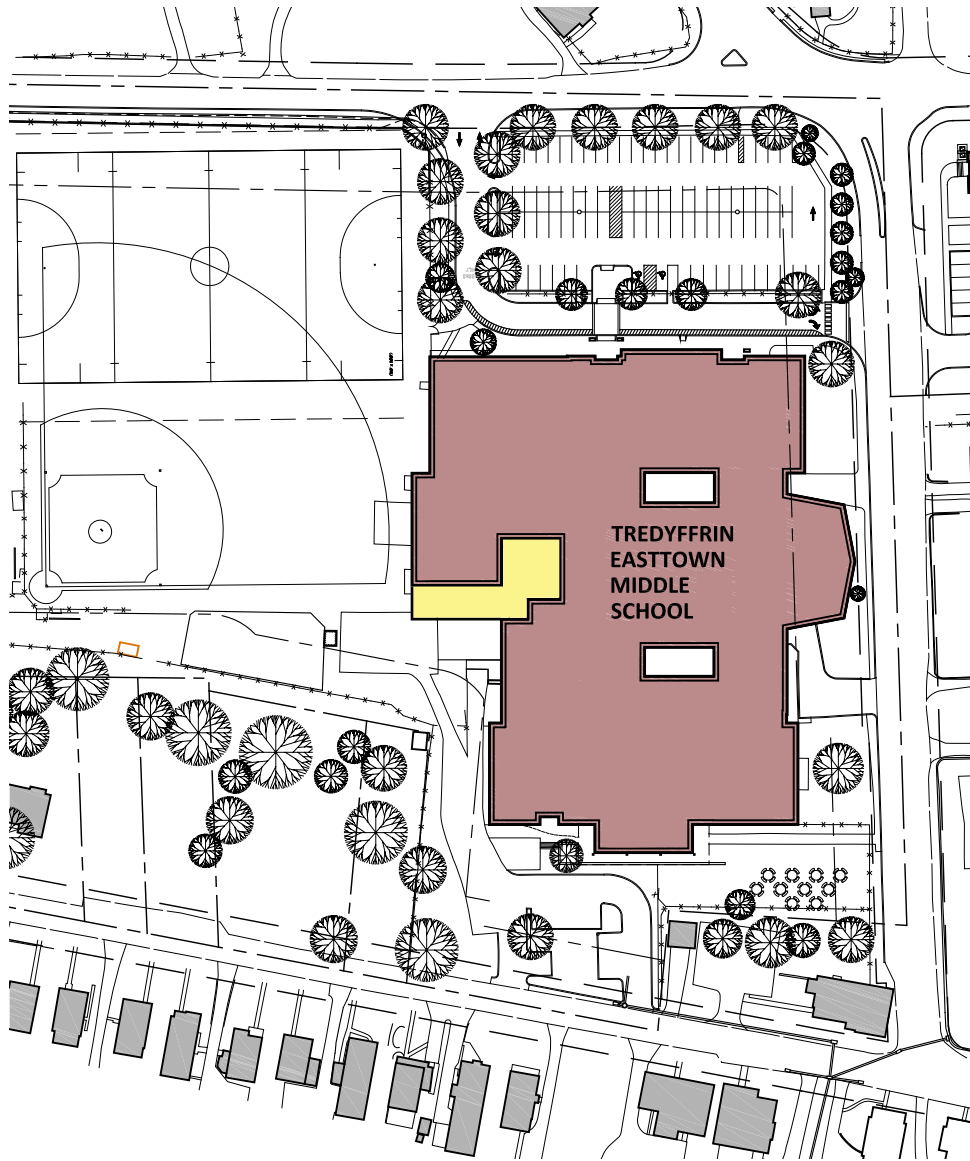
Proposed 2019 Project

New Entry/Circulation Drive

- Existing Drive does not provide adequate traffic circulation for current needs.
- Providing new entry/circulation drive and modify parking area to allow better circulation and additional parking spaces (+/- 17) is anticipated to incorporate improvements inclusive of Stormwater Management Improvements and Pedestrian access.

 Parking Spaces





Rooftop Unit Replacement

- As part of planned Infrastructure Study equipment lifecycle replacements, as well as the cost of maintaining R-22 Refrigerant, replacement of 1 Rooftop Units is anticipated.

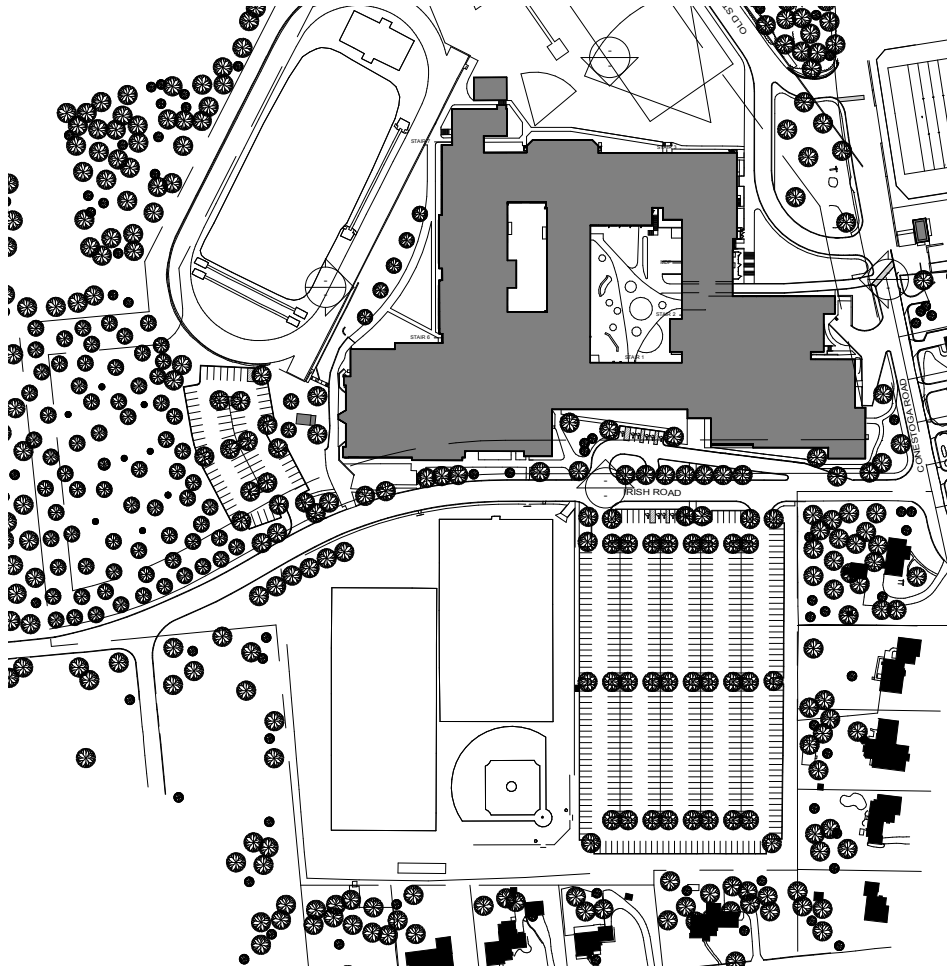
Preliminary Evaluation Recommendation

- A previously completed project installed the Sanitary Ejector serving the cafeteria outside of the building footprint, with sanitary flowing/exiting the building, to the pump, and subsequently entering/flowing under the building footprint.
- It is recommended that preliminary evaluation of a new site sanitary line that would keep the post-ejector flow outside of the building footprint be evaluated.

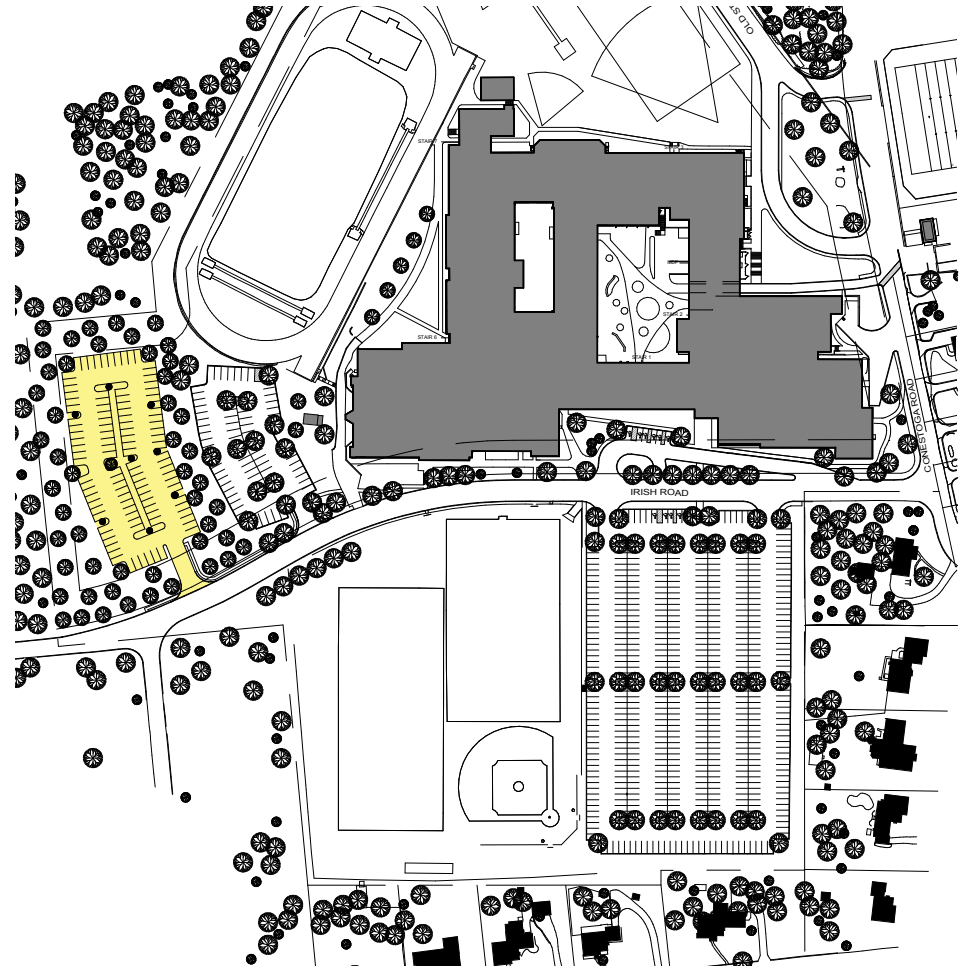
Preliminary Evaluation Recommendation

- Based on anticipated enrollment/student population requirements, it is likely that Typical Classroom quantities will require increase in the near-term future.
- It is recommended that preliminary evaluation of potential small-scale addition(s) be evaluated to assist longer-term planning.





EXISTING SITE PLAN



PROPOSED SITE PLAN

Preliminary Evaluation Recommendation

- Existing Parking areas do not provide adequate spaces for current needs.
- It is recommended that preliminary evaluation of potential additional parking areas be evaluated to assist longer-term planning.

 Proposed Parking Area

