

BAYPORT-BLUE POINT UNION FREE SCHOOL DISTRICT

PROPOSED BOND SCOPE ACCEPTED AS OF SEPTEMBER 21, 2015

PREPARED BY:

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BBS PROJECT NO. 14-221

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Bayport-Blue Point
High School

Bayport-Blue Point High School

Recommended Items

		Accepted 9-21-15	B List
<u>ARCHITECTURAL</u>			
1	Renovate the library District Request (DR).	\$673,200	
2	Renovate existing main entry to create a security vestibule. (DR) - Lockable interior doors: replace interior storefront with new high security storefront system. New doors to have security lever locksets and panic devices from interior. - Coordinate with items shown in engineering section.	\$55,000	
3	Renovate science labs (DR) - 103, & 105, 106, 107, 231, 232, prep room at 231. Reuse perimeter casework at rooms 103, 105, 106, 107 as possible. Minimize work to ceilings at 103, 105, 106, 107 (cut & patch as required).	\$1,310,000	
4	The District has expressed the desire to renovate a space to support an engineering and architectural design and production lab. A Tech Ed space. (DR). *The cost includes the renovation of the entire area of rooms 131 and 133 inclusive of support spaces between (4,389 SF).	\$853,000	
5	Replace 958 corridor lockers. (DR) - 958 nine inch lockers = 718 twelve inch lockers.	\$245,400	
6	Restore PE lockers (DR) - Cost indicated is for localized door replacement and painting in the boys locker room.	\$24,600	
7	The thin set terrazzo in the gym addition lobby & corridor is delaminating from the sub slab and needs to be replaced. (DR) - Cost includes: full removal, installation of moisture barrier system, and new thinset terrazzo flooring system.	\$144,700	
10	Perform masonry reconstruction work in areas that require same. Coordinate with locations where water is penetrating through to interior. - Cost for masonry reconstruction includes: - Removal of deteriorated caulking and repointing of mortar joints at original building cast stone spandrel panels, sill joints, upper and lower belt courses, door surrounds and old main entry stairs. - Removal of caulk from edge of original building lintels. - Repair to minor spalling of cast stone. - Replacement of brick with failed surface at north face of original building gym area. (current choral room). - Replacement of brick with failed surface at east face of gym hallway and miscellaneous spot pointing in this area. - A general pointing allowance of \$50,000 is also included.	\$182,500	
11	Remove thin brick facing from Administration wing & provide wall facing system similar to what was done to the classroom wing. (DR) - New facing to include a more water resistant joint system. - Cost includes new fascia, gutters and leaders.	\$609,513	

Bayport-Blue Point High School

Recommended Items

		Accepted 9-21-15	B List
<u>ARCHITECTURAL - CONTINUED</u>			
12	Provide a full corridor width connection between the auditorium addition and the original building (DR). - Cost includes creating an additional connection via the existing dressing room area. Remaining area to be renovated for smaller dressing rooms.	\$211,400	
13	Recapture room 327 as a classroom.	\$115,800	
<u>ARCHITECTURAL MISCELLANEOUS REPAIRS</u>			
16	Repair leaks in masonry wall at low roof to wall interface in the area of the new gym. (DR) - Cost is for opening up the full length of the north and south sections of this wall and replacing the thruwall and counter flashing.	\$37,800	
17	Water is coming in under exterior doors at gym hallway. (center 2 pairs) Determine cause and repair. (DR) - Remove and replace section of sidewalk back pitched towards the building (from corner near boiler room to intersection with main walk to the north). - Leave a planting strip against the building to facilitate drainage. - Reset saddle at these doors in a full bed of sealant.	\$9,500	
19	Remove and replace basement and two upper corridor VAT flooring (original building). Replace rubber floor at main floor ramp. (DR)	\$80,100	
21	Replace ceilings at old building, classrooms & corridor. Assume lighting addressed via EPC. (DR) - Cost is for replacement with sag resistant tile in existing grid. (no change to lighting)		\$170,000
22	Review damage at interior of exterior wall (room 330). (DR) - Additional rooms that may require attention; 206, 208, 232, 235, 330, 337, 338, 340 (field verification required). - Rooms 210, 107, 108 and 109 have been added to this list. *Confirm interior plaster is not asbestos containing. - Cost included here is for repairs to plaster walls in the original building and for gypsum board repairs and replacement of damaged sill sections in the 1950's wing.	\$17,000	
23	Replace approximately 30 interior doors due to physical condition. Reuse new lever handle locksets recently installed. (DR)	\$61,100	
24	Replace 4 kitchen serving area doors with fire rated doors in existing frames. (Recommended upgrade) *Cost also includes magnetic hold opens.	\$16,300	
26	A few windows have yet to be replaced. (DR) - Replace 10 windows at art room and custodial area that face the south parking lot.	\$28,400	

Bayport-Blue Point High School

Recommended Items

	<u>Accepted</u> 9-21-15	<u>B List</u>
<u>ARCHITECTURAL MISCELLANEOUS REPAIRS - CONTINUED</u>		
28		\$11,600
Replace kitchen ceiling tile with washable tile in accordance with Health Department requirements. - Existing lighting & grid to be reused - tile replacement only!		
29		\$2,600
The main lobby art gallery storefront, and the main office hallway glazing is not safety glazing. Replace with safety laminated glass. *The gallery doors are glazed with tempered glass.		
31	\$31,500	
The EIFS facing above the masonry at the rear of the stage is being damaged by what appears to be lacrosse balls. Cost includes resurfacing this area with a more heavy duty version of the same system. (hard coat system).		
32	\$3,200	
At the south corridor exit where the auditorium addition abuts the original building, it appears that the soffit was never installed. Install soffit to match existing construction.		
33	\$4,500	
Add 2 handrails to the main entry stairs of the original building.		
34		\$9,500
Install additional volleyball sleeves in gymnasium. - 2 sets at old gym. - 2 sets at new gym.		
35		\$140,000
Remove and replace cement asbestos siding at the maintenance barn and apply pigmented water repellent coating to the exposed concrete block.		
ARCHITECTURAL TOTAL		
	\$4,714,513	\$333,700
<u>HVAC</u>		
1		\$15,000
Repair or replace non-functional cafeteria air handling unit. Issue reported to possibly be a problematic electric feed to the unit.		
2	\$50,000	
Repair or replace five non-functional rooftop exhaust fans (controller located in boiler room). Cost shown is for replacement.		
3	\$10,000	
Provide additional ventilation for chemical storage area to properly ventilate the space.		
4	\$25,000	
Repair or replace the Guardian gas detection system. Panel currently shows trouble, with an alarm indication.		
5	\$10,000	
Provide ventilation for the fueled power equipment storage room. Room is located adjacent to the north boiler room.		
9	\$50,000	
Repair leaking sections on south boiler room Smith cast iron boiler.		
11	\$20,000	
Provide additional locker room ventilation as requested by building staff. Cost assumes two new exhaust fans. District Request (DR).		
12	\$20,000	
Replace deteriorated rooftop ductwork insulation. This is for the library and new addition areas, including a new Venture Clad system.		

Bayport-Blue Point High School

Recommended Items

	<u>Accepted</u> 9-21-15	<u>B List</u>
<u>HVAC - CONTINUED</u>		
13 Provide air conditioning and dehumidification for the weight room via a gas fired rooftop unit, with humidity control.	\$150,000	
14 Clean air ducts in District Office, classrooms, gym & auditorium.		\$60,000
HVAC TOTAL	\$335,000	\$75,000
<u>PLUMBING</u>		
2 Provide emergency shower and eyewash station(s) in the building, except for the science room areas which currently have them. This would include the nurses office and custodial areas.	\$12,500	
4 Provide isolation valves for summer operation on the hot water storage tank to allow for the tank to be turned off during low use periods.	\$10,000	
8 Install floor drains at two science room shower/eyewash stations.	\$4,000	
PLUMBING TOTAL	\$26,500	\$0
<u>ELECTRICAL</u>		
4 Provide additional PA speakers in several areas throughout the building including hallways, the gymnasium, the auditorium, the dance studio and the weight room, per building request. (DR)	\$40,000	
5 Provide an assistive listening system in the auditorium to comply with the American's with Disabilities Act requirements.	\$20,000	
6 Provide area of rescue signage and communication systems, in compliance with ADA requirements.	\$30,000	
7 Extend the smoke detector coverage to the attic area of the old building. This is a carry over from the District's current Five Year Plan.	\$15,000	
8 Create a security vestibule at the front entrance. Cost shown includes CCTV cameras, electric door strikes, a video intercom system, and card access points.	\$11,500	
9 Provide magnetic hold open devices on all student bathrooms (12) to provide for better supervision of the spaces as per building request. *Coordinate with work currently being done by the District. (DR)		\$30,000
13 Upgrade the auditorium sound system which was reported to be inadequate per discussions with building staff. (DR)	\$60,000	
14 Provide additional 20 amp receptacles in the hallway areas for proper coverage of all areas per discussions with building staff. Hallways currently have 15 amp breakers which constantly trip.	\$40,000	
15 Install a permanent sound system for both the old and new gymnasium areas to replace the reported inadequate portable system. (DR)	\$90,000	

Bayport-Blue Point High School Recommended Items

		<u>Accepted</u> <u>9-21-15</u>	<u>B List</u>
<u>ELECTRICAL - CONTINUED</u>			
16	Provide a hard wired sound system for the cafeteria area, which is also used for BOE meetings, as discussed. (DR)	\$30,000	
17	Replace the older copper data cabling between the main wire closet and the eight secondary closets with fiber optic cabling to improve system performance. (DR)	\$76,500	
18	Create a fiber optic ring wide area network to connect all District school buildings and provide redundancy in the event of a failure. Currently Academy is connected to the High School, the Middle School is connected directly to the High School and Blue Point and Sylvan have a ring configuration with the High School. Coordinate with Town cabling requirements. (DR)	\$127,500	
ELECTRICAL TOTAL		\$540,500	\$30,000
<u>SITE</u>			
1	Install synthetic turf fields at main football field and at field hockey/lacrosse field. (DR) - Main football field and "D" zones (\$1,761,480) - Field hockey/lacrosse (\$1,510,120) - Protective netting around inside edge of track (10' high). Add alternate (\$60,400)	\$3,252,000	
2	Provide access to administrative wing toilets from the outside. Add locking hardware to interior side of corridor doors. For use during off hour field activities.	\$25,000	
3	Provide a storage unit for salt & sand. - Include 3 bin areas with roof to protect from weather. - 30 cubic yards of salt/sand. - 10 cubic yards of clay. - 10 cubic yards of topsoil.		\$75,500
4	Provide first base line netting for protection of neighbors from foul balls. (DR) - Cost includes 300 LF of 30' high netting.		\$61,100
5	Install baseball field drainage system & repair field. - Cost includes field subdrains and under drainage, new clay, grading and new sod at infield.		\$161,700
6	Aerate, topdress and overseed remaining fields. - Excludes area involved with turf proposal.		\$182,500
7	Repair/replace areas of damaged pavement. Seal coat and restripe. - Cost includes \$151,000 for north lot and \$131,000 for south lot.	\$282,000	
8	Replace damaged areas of sidewalk and curbing.	\$64,200	
9	Provide 300 seat bleacher on visitors side of football field.		\$195,100

Bayport-Blue Point High School Recommended Items

SITE - CONTINUED

- 10 Provide elevated press box on visitors side of football field with view out both sides to face football and field hockey/lacrosse fields.
- 11 Replace stone driveway at west side of admin with asphalt (emergency vehicle access).
 - Cost includes heavy duty pavement.

SITE TOTAL

<u>Accepted</u> <u>9-21-15</u>	<u>B List</u>
	\$235,600
	\$73,000
\$3,623,200	\$984,500

COST ESTIMATES TOTAL - BAYPORT-BLUE POINT HIGH SCHOOL

	<u>Accepted</u> 9-21-15	<u>B List</u>
ARCHITECTURAL	\$4,714,513	\$333,700
HVAC	\$335,000	\$75,000
PLUMBING	\$26,500	\$0
ELECTRICAL	\$540,500	\$30,000
SITE	\$3,623,200	\$984,500
BUILDING SUB-TOTAL	\$9,239,713	\$1,423,200
ENVIRONMENTAL CONTINGENCY	\$125,000	\$0
TOTAL BUILDING COSTS	\$9,364,713	\$1,423,200

*Only the total in the "Recommended" column is included in the overall totals page.

James Wilson Young
Middle School

James Wilson Young Middle School

Recommended Items

		Accepted 9-21-15	B List
<u>ARCHITECTURAL</u>			
1	Renovate the Auditorium. District Request (DR) - Walls are brick - Replace seating and flooring - Provide center aisle - Refinish acoustical reflectors - Replace house lighting - Replace curtains and upgrade rigging - Replace stage flooring - Resurface the projection booth & modify opening to improve function for controls. *Coordinate with electrical items for this area. *\$56,000 is in the B-List to replace the existing ceiling reflectors with different configuration.	\$603,000	\$56,000
2	Main Office was a classroom & is not visible from the lobby. - Open up visual connection to lobby. (DR) - Also open up the wall to the lobby and extend the main office about 10' into the lobby. *Mechanical review required for entire area.		\$75,000
5	Music Rooms - renovate in place. (DR) Investigate means to improve practice room conditions. - This will require alternative storage locations for string instruments. - Evaluate current use of storage facilities around stage & within and around music classrooms.	\$530,000	
6	Review condition of corridor Faculty/Staff toilets. ("outdated"). (DR) - 3 mens rooms, 3 womens rooms - The cost indicated is for steam cleaning and automated scrubbing of floor and wall surfaces, replacement of wall base tile and painting of CMU above base. Includes (\$5,000) allowance for accessories.		\$35,300
8	Replace all corridor lockers. (DR) - It appears that two original banks of lockers remain on the second floor (260 lockers) and the (108) 9" lockers that line the rear hallway (1st & 2nd floor) appear to be original as well, albeit unused. 108 @ 9"wide = 81 @ 12" wide. ● Cost to replace 260+81 = 341 lockers=\$107,300 *Cost is for remaining original lockers only.	\$107,300	
9	Boys Locker room can use an update (girls is new 2008). (DR) ● Cost includes \$50,000 for toilet room restoration, \$31,500 for restoration of 2 showers and adjustments to maintain a storage area, and \$14,400 for 26 new 3 tier lockers. *Coordinate with plumbing item. (P-1)	\$108,900	

James Wilson Young Middle School

Recommended Items

		Accepted 9-21-15	B List
<u>ARCHITECTURAL - CONTINUED</u>			
10	The Cafeteria windows are more art than window. They do not function well as a connection the outside. (DR) <ul style="list-style-type: none"> ● Cost includes openings with heavy commercial aluminum window wall installed. Size & location to be determined. - B-List cost includes removal of existing ceiling, painting of exposed conditions, provision of new lighting and acoustical treatments. 	\$60,000	\$102,000
11	At the Faculty Room, remove serving line from old kitchen and recapture the space. (DR)		\$44,100
12	Both shop spaces have been previously designated for full renovation. (DR). <ul style="list-style-type: none"> - Cost includes full spatial renovation to "STEAM" lab: <ul style="list-style-type: none"> ● Dust collection and ventilation (A/C) ● Fixtures and furnishings, Educational technology ● Shop equipment and 3D printer 	\$1,310,000	
13	Fully renovate MS science rooms. 6 classrooms and two prep room spaces. (DR). <ul style="list-style-type: none"> - Cost includes replacement of flooring, ceiling & lighting, prep & painting of walls & provision of new casework at each room. 	\$1,182,537	
14	At classrooms with dividing walls resurface chalkboard areas with markerboard. (DR)		\$22,700
15	The Library is slated for full renovation. (DR) <ul style="list-style-type: none"> - Cost indicated is based on current Schematic Design plans (provided by others). - Cost includes full spatial renovation and expansion to include the space of the adjacent classroom over main entrance. 	\$976,400	
16	Renovate the Nurses Office. (Update) (DR) <ul style="list-style-type: none"> - Modify toilet as required for proper ADA compliance. 	\$101,000	
17	Renovate one Home and Careers classroom. (DR) <ul style="list-style-type: none"> - One room for general Home & Careers use. - B-List item - second room for Life Skills program. 	\$246,650	\$246,650
18	The original Gymnasium has a spray on acoustical material at the roof structure and deck. (DR) <ul style="list-style-type: none"> - Recommend adding a tectum tile ceiling below the structure. - Relocate lighting, registers, speakers, detection devices, provide additional detection above ceiling area. 	\$118,300	
19	Provide security vestibule at main entrance. (DR) <ul style="list-style-type: none"> - Lockable interior doors: replace interior storefront with new high security storefront system. New doors to have security lever locksets and panic devices from interior. - Coordinate with recently added main entry store front. (District to resolve leak issue with new storefront via current Contractor). - Coordinate with items shown in engineering section. 	\$63,000	

James Wilson Young Middle School

Recommended Items

	Accepted 9-21-15	B List
<u>ARCHITECTURAL - CONTINUED</u>		
20		\$241,600
		Replace VAT floors that have not yet been replaced. (DR) - Cost includes replacement in the following rooms: 140, 141, 142, 144, 146, 148, 210, 214, 216, 249, 252, 254, 255, 256, 257, 258. - The tile appears to be down well and is not failing.
21	\$743,600	
		Replace entire original window system. (DR)
22	\$163,600	
		Replace all exterior wood spandrel panels. (DR)
23		\$459,300
		Combine the space of four adjacent classrooms to create an environment for 21st Century Learning. Cost includes the installation of one set of cross corridor smoke doors to allow smoke zone exiting. Consider if this should be located where the existing folding walls are to allow subdivision at times if desired. (DR)
<u>ARCHITECTURAL MISCELLANEOUS REPAIRS</u>		
24	\$15,100	
		Replace wire glass at stairwell doors with safety laminate glass. (DR)
25	\$10,700	
		Replace 1 pair of exterior doors at cafeteria exit. - Cost is for FRP doors and hardware.
26	\$70,500	
		Replace original gym bleachers - 4 sets of 5 row, 20' long each. (DR)
27	\$650	
		Reset slate capstones on brick screenwall near transformer.
28		\$73,000
		Replace Cafeteria floor. (DR) - Repair crack at center of room. - Cost indicated is for resilient flooring.
ARCHITECTURAL TOTAL		
	\$6,411,237	\$1,355,650
<u>HVAC</u>		
1		\$60,000
		Repair or replace six inoperable rooftop exhaust fans. Cost shown is for replacement.
2	\$25,000	
		Repair or replace the Guardian gas detection system. Panel currently shows trouble with an alarm indication.
3	\$3,000	
		Repair the roof leak adjacent to one of the chimney stacks as reported by building personnel.
4	\$250,000	
		Refurbish the unit ventilators and pneumatic controls to eliminate reported overheating and under heating conditions.
6	\$20,000	
		Replace the leaking rooftop ductwork insulation above the new gym with a new Venture Clad system.
10		\$47,000
		Clean the ducts in the gym, auditorium, library and offices. This is also a carry over from the District's current Five Year Plan.

**James Wilson Young Middle School
Recommended Items**

	<u>Accepted</u> 9-21-15	<u>B List</u>
<u>HVAC - CONTINUED</u>		
11 HVAC engineering designs - auditorium, main office and library. The control systems in these areas are difficult to regulate.	\$50,000	
HVAC TOTAL	\$348,000	\$107,000
<u>PLUMBING</u>		
1 Repair two showers in the boys locker room and leave the rear of the shower room as storage. Currently the shower room and bathroom are closed off and non-usable. *Coordinate with architectural item.	\$10,000	
2 Provide emergency shower and eyewash station(s) in the building, with the exception of the science lab areas which have already been completed. This would include the nurse's office and custodial areas.	\$12,500	
4 Replace the older Bock oil fired domestic water heater, which is nearing the end of its life expectancy.		\$55,000
PLUMBING TOTAL	\$22,500	\$55,000
<u>ELECTRICAL</u>		
2 Provide area of rescue signage and communication system, in compliance with ADA requirements.	\$15,000	\$15,000
3 Upgrade the PA system to eliminate dead areas and feedback, as was reported by the building staff.	\$25,000	\$25,000
4 Create a security vestibule at the front entrance. Cost shown includes CCTV cameras, electric door strikes, a video intercom system, and card access points. *Coordinate with architectural item.	\$11,500	\$11,500
9 Upgrade the auditorium house lighting. New lighting is projected to be LED to reduce maintenance and operational savings, and will be added to the new lighting recently installed under the Energy Performance Contract. *Coordinate with architectural item.	\$47,000	\$47,000
10 Update the auditorium theatrical dimming system and lighting, as per discussions with building personnel. *Coordinate with architectural item. (DR)	\$195,000	\$195,000
11 Replace the auditorium sound system as discussed. *Coordinate with architectural item. (DR)	\$60,000	\$60,000
12 Replace the original 75 kw Delco AC diesel generator which is leaking and is nearing the end of its life expectancy. Cost show is for replacement in kind.	\$160,000	\$160,000
ELECTRICAL TOTAL	\$513,500	\$513,500

James Wilson Young Middle School Recommended Items

	Accepted 9-21-15	B List
SITE		
1 Provide minimum of 20 additional parking spaces. (DR) - Cost includes provision of 20 spaces along west side of building at existing utility driveway. (\$93,200) *Add 55 parking spaces in the rear of the building (\$465,000) \$173,200 added to address modifications to Sylvan entrance and drop off aisle.	\$731,400	
2 Provide rubberized running track. (DR) - Relocate football field and bleachers as necessary to fit track. - Track \$960,000; balance to relocate fields.	\$1,586,400	
3 Add five tennis courts. (DR)	\$497,800	
4 Renovate courtyard - Cost includes replacement of concrete patio blocks with permeable pavers in combination with crushed stone. Cost also includes a \$50,000 allowance for plantings and site furnishings. - Cost allows for reconfiguration of paving.		\$264,300
5 Replace damaged concrete sidewalks and curbing.	\$76,800	
6 Repair/repave damaged areas of asphalt paving, sealcoat and restripe entire lot. - Cost includes entire Middle School lot, oval loop and entry drives.	\$193,800	
8 Add drainage if required at center island. - Heavy puddling was noted along south side of loop. Cost includes 4 pools, 10' diameter x 11' deep.	\$20,200	
9 Add sidewalk to exit in fence along west side of building. (DR)	\$3,600	
SITE TOTAL	\$3,110,000	\$264,300

COST ESTIMATES TOTAL - JAMES WILSON YOUNG MIDDLE SCHOOL

	<u>Accepted</u> <u>9-21-15</u>	<u>B List</u>
ARCHITECTURAL	\$6,411,237	\$1,355,650
HVAC	\$348,000	\$107,000
PLUMBING	\$22,500	\$55,000
ELECTRICAL	\$513,500	\$513,500
SITE	\$3,110,000	\$264,300
BUILDING SUB-TOTAL	\$10,405,237	\$2,295,450
ENVIRONMENTAL CONTINGENCY	\$125,000	TBD
TOTAL BUILDING COSTS	\$10,530,237	\$2,295,450

*Only the total in the "Recommended" column is included in the overall totals page.

Academy Street
Elementary School

Academy Street Elementary School

Recommended Items

		Accepted 9-21-15	B List
<u>ARCHITECTURAL</u>			
1	Library is currently 2 classrooms with connecting door. - Cost is for full renovation in place without expansion.	\$350,100	
2	Provide main entrance security vestibule (DR) - Replace inner storefront with new high security storefront system. New doors to have security lever locksets and panic devices from interior. - Coordinate with items shown in engineering section.	\$35,000	
3	Renovate 2 sets of boys & girls toilet rooms (original tile). - Cost indicated is for steam cleaning and painting above wainscot.		\$17,700
<u>ARCHITECTURAL MISCELLANEOUS REPAIRS</u>			
5	Remove and replace gym floor. (DR)	\$132,200	
6	Windows previously replaced. Require repairs/replacement of damaged balances/upgrade. (DR) - Cost includes \$4,000 for evaluation report	\$50,400	
7	Evaluate potential repair or replacement of classroom closet doors. (DR). Remove existing doors and closet interiors and to install new casework into existing openings.	\$190,000	
8	Remove hold open closers at gym corridor doors (code). Provide magnetic holders. (2 pairs of doors).	\$9,500	
9	Replace wire glass at main office with safety laminated glass.	\$3,200	
10	Replace door and frame at second exit from boiler room. - Cost is for an FRP door with an aluminum frame.	\$6,300	
12	Replace 15 interior doors due to deterioration. Reuse new locksets recently purchased. (DR)	\$30,500	
14	Provide portable chairlift for ADA access to stage. Cost accepted at Sylvan. Both buildings to share one lift.		\$34,000
15	Increase chimney height. - Cost indicated is for a 10' extension of the chimney and new stainless steel cap.	\$80,600	
ARCHITECTURAL TOTAL		\$887,800	\$51,700
<u>HVAC</u>			
1	Reinstall return air grilles on front of stage to restore to proper operation. Original grilles were removed and covered over with padding, cutting off the return air path and creating a positive pressure issue in the gymnasium.	\$25,000	
2	Repair or replace the Guardian gas detection system. Panel currently shows trouble with an alarm indication.	\$25,000	

Academy Street Elementary School

Recommended Items

		Accepted 9-21-15	B List
<u>HVAC - CONTINUED</u>			
3	Repair or replace problematic exhaust fans (15) as reported by the building personnel. Cost shown is for replacement.	\$150,000	
4	Rebalance office area HVAC and hard duct returns as discussed. Supply air flow is not properly balanced, and the return uses the ceiling as a return air plenum and draws from the entire school as the walls in the office area do not go to the underside of the deck.	\$40,000	
5	Repair or replace non-functional basement dehumidification units. Cost shown is for replacement.	\$5,000	
6	Remove old Microtech control system and tie to new DDC system as discussed. System is problematic and difficult to service and should be tied to the new system which controls the rest of the building. (DR)	\$50,000	
7	Clean return air ductwork. This item is a carry over from the District's current Five Year Plan.		\$40,000
8	Replace the 30 year old Rockmills steel boiler, which is nearing the end of its life expectancy.	\$325,000	
HVAC TOTAL		\$620,000	\$40,000
<u>PLUMBING</u>			
1	Provide emergency shower and eyewash station(s) in the building in the nurses office and custodial area.	\$12,500	
2	Add a hallway drinking fountain adjacent to the gymnasium area per building request. (DR)	\$3,000	
4	Replace the AO Smith oil fired domestic water heater, which is nearing the end of its life expectancy.	\$32,500	
PLUMBING TOTAL		\$48,000	\$0
<u>ELECTRICAL</u>			
1	Properly ground all gymnasium lighting as required by the National Electric Code (NEC).	\$15,000	
3	Add battery backup to the PA system.	\$5,000	
4	Provide additional exterior lighting in back lot and rear of building as reported by the building staff. (DR)	\$15,000	
5	Create a security vestibule at the front entrance. Cost shown includes CCTV cameras, electric door strikes, a video intercom system and card access points. *Coordinate with architectural item.	\$11,500	
9	Provide an additional 20 amp electrical circuit for the main office area, which trips the circuit breaker regularly.	\$2,500	

Academy Street Elementary School Recommended Items

ELECTRICAL - CONTINUED

- 10 Fire alarm replacement, fire alarm strobes.

ELECTRICAL TOTAL

SITE

- 1 Parking is limited. (DR)
- Cost indicated is for paving 42 additional spaces where cars already park on the lawn along the rear drive.
- 2 Repair/replace areas of deteriorated pavement
- Repair, crackfill, sealcoat and restripe main loop from entrance around to diagonal parking section. (\$35,900).
- Resurfacing main loop along east side from start of diagonal parking to exit. (Mill and Cap.) (\$121,200).
- Repair, crackfill, sealcoat and restripe rear lot, drive and asphalt play area (\$30,900).
- 3 Replace areas of deteriorated sidewalk.
- 5 Aerate, topdress & overseed fields.
- The committee discussed that the District should repair the existing irrigation system and take care of the fields as a regular maintenance item.
- 7 Resurface tennis courts & clean out/restore drainage pools. (DR)
- 8 Construct a landscaped plaza in front of classroom wing (north end).

SITE TOTAL

	<u>Accepted</u> 9-21-15	<u>B List</u>
	\$36,000	
ELECTRICAL TOTAL	\$85,000	\$0
	\$115,800	
	\$188,000	
	\$6,300	
		\$163,600
	\$56,700	
		\$140,000
SITE TOTAL	\$366,800	\$303,600

COST ESTIMATES TOTAL - ACADEMY STREET ELEMENTARY SCHOOL

	<u>Accepted</u> <u>9-21-15</u>	<u>B List</u>
ARCHITECTURAL	\$887,800	\$51,700
HVAC	\$620,000	\$40,000
PLUMBING	\$48,000	\$0
ELECTRICAL	\$85,000	\$0
SITE	\$366,800	\$303,600
BUILDING SUB-TOTAL	\$2,007,600	\$395,300
ENVIRONMENTAL CONTINGENCY	\$65,000	TBD
TOTAL BUILDING COSTS	\$2,072,600	\$395,300

*Only the total in the "Recommended" column is included in the overall totals page.

Sylvan Avenue
Elementary School

Sylvan Avenue Elementary School Recommended Items

		Accepted 9-21-15	B List
<u>ARCHITECTURAL</u>			
1	Convert the girls locker room to the building copy/work room.	\$89,400	
2	Redesign & expand library. (DR)	\$412,700	
3	Replace sink cabinets in classrooms (201, 202, 203, 204, 207, 209, 210, 211). (Allowance of \$9,450 per room.) (DR)		\$75,600
4	Evaluate means to "freshen" toilet rooms in primary classrooms. (DR). Cost provided is for vapor steam cleaning, automated scrubbing of the tile areas and repainting the area of masonry and ceiling.		\$20,400
5	Modify main entry to provide a security vestibule. (DR) - Lockable interior doors: Replace interior storefront to deck. Doors to have lever lockset and panic hardware. - Coordinate with items shown in engineering & site sections.	\$50,000	
6	Replace remaining original curtain wall. (DR) - Classroom wing including south stair enclosure (include screens). - Room 100, check infiltration at prior installation.	\$1,856,000	
7	Renovate main student toilets on second floor. (DR) - Cost indicated is for steam cleaning, automated scrubbing of floor and wall tile areas and painting of wall surfaces above the tile.		\$4,500
8	Cafeteria flooring (DR) - Cost indicated is to repair crack and replace center aisle.		\$6,700
<u>ARCHITECTURAL MISCELLANEOUS REPAIRS</u>			
9	Replace main office glass, library wire glass and certain display cabinet glazing with safety laminated glass.	\$3,800	
11	Replace exterior door & frame at gym storage room. - Cost is for a FRP door and aluminum frame.		\$7,600
13	Replace kitchen doors to cafeteria and corridor with fire rated doors in existing frame. (3) (recommended upgrade).	\$5,700	
14	Reverse swing of boiler room door (SED).	\$950	
16	Replace remaining asbestos floor tile (classrooms). (DR) - Tile is currently down well (not falling). - 6 classrooms (203, 204, 207, 209, 210, 211).		\$90,600
18	Replace vinyl wall covering at gymnasium folding partition. (DR)	\$40,500	
19	Fully sand and refinish gym floor (DR).	\$22,000	
20	Provide wheelchair access to stage (portable lift?) (ADA Compliance) - The committee determined 1 lift could be shared by Academy & Sylvan. Cost is included at this building only.	\$34,000	
ARCHITECTURAL TOTAL		\$2,515,050	\$205,400

Sylvan Avenue Elementary School Recommended Items

		Accepted 9-21-15	B List
<u>HVAC</u>			
3	Repair or replace noisy gymnasium heating units, as they are not run due to the noise issue. Cost shown is for replacement.		\$100,000
4	Provide a kiln hood over the art room kiln to supplement the general exhaust fan in the kiln room. Coordinate with Architectural Item 21.	\$10,000	
5	Repair or replace four problematic rooftop exhaust fans. Cost shown is for replacement.	\$40,000	
6	Repair or replace the Guardian gas detection system. Panel currently shows trouble, with an alarm indication.	\$25,000	
7	Repair roof leaks around front roof and stage exhaust units as reported by the building staff.	\$5,000	
8	Repair or replace one leaking and one noisy hot water circulator pump, located in the boiler room area.	\$6,500	
9	Provide split type A/C units for the front wing to replace removed units. Window units were removed as part of the Energy Performance	\$125,000	
10	Clean air ducts in the cafeteria, gym and office areas.		\$25,000
11	Replace the second floor unit ventilators and provide DDC controls. The first floor units were replaced as part of the Energy Performance Contract.	\$455,000	
12	Replace the computer room A/C unit with a quieter split type unit.		\$30,000
HVAC TOTAL		\$666,500	\$155,000
<u>PLUMBING</u>			
1	Provide emergency shower and eyewash station(s) in the building, in the nurses office and custodial area.	\$12,500	
2	Provide a mixing valve or separate water heater for the kitchen area to provide 140 degree water to the kitchen as required by Suffolk County Department of Health regulations. Cost shown is amended to reflect a new mixing valve only.	\$15,000	
PLUMBING TOTAL		\$27,500	\$0
<u>ELECTRICAL</u>			
1	Properly ground all gymnasium lighting as required by the National Electric Code (NEC).	\$15,000	
2	Upgrade the PA system for adequate sound in the gymnasium area as discussed. (DR)	\$15,000	
3	Provide area of rescue signage and communication system as required by ADA regulations.	\$15,000	

Sylvan Avenue Elementary School

Recommended Items

		<u>Accepted</u> 9-21-15	<u>B List</u>
<u>ELECTRICAL - CONTINUED</u>			
4	Replace the older type Simplex fire alarm control panel and bring entire system up to Code.	\$50,000	
5	Provide additional lighting in the parking lot area as reported by the building staff. (DR)	\$10,000	
8	Create a security vestibule at the front entrance. Cost includes CCTV cameras, electric door strikes, a video intercom system and card access points. *Coordinate with architectural item.	\$11,500	
10	Test, inspect and repair/replace as required all original cloth covered wiring. Wire jacket is brittle and cracking in some cases. If full replacement is required, cost would be \$600,000.	\$127,500	
12	Replace the non-functional Onan natural gas emergency generator. This building is reportedly used as an emergency shelter.		\$250,000
13	Replace and upgrade electrical distribution panels.		\$93,000
14	Repair gymnasium storage room light controls. The lights are controlled by an occupancy sensor, but do not shut off.	\$3,000	
ELECTRICAL TOTAL		\$247,000	\$343,000
<u>SITE</u>			
1	Provide an overhang at the main entrance. (DR) - Cost is for a 24' wide x 45' long canopy extending out from the main entry doors. Translucent fiberglass glazing for the roof. - Cost includes new concrete walks in this area.		\$380,000
2	Expand parking - Coordinate with Electrical Item 4. Include removal of central oval and provide additional walks & landscaping.	\$801,800	
3	Repair/replace damaged asphalt, seal coat, restripe (coordinate with expansion & reconfiguration).	\$81,800	
4	Crackfill, seal coat and restripe asphalt play areas.	\$29,000	
5	Replace asphalt play surface and walk at south end of classroom wing.	\$22,700	
6	Replace damaged concrete walks & curbs. - Cost includes: • Replace 120 LF of asphalt walk south of kindergarten asphalt play area (\$4,400). • Replace 260 LF of asphalt walk with concrete walk at bus pull off area. (\$21,400).	\$25,800	
9	Aerate, topdress & overseed fields.		\$151,000
SITE TOTAL		\$961,100	\$531,000

COST ESTIMATES TOTAL - SYLVAN AVENUE ELEMENTARY SCHOOL

	<u>Accepted</u> <u>9-21-15</u>	<u>B List</u>
ARCHITECTURAL	\$2,515,050	\$205,400
HVAC	\$666,500	\$155,000
PLUMBING	\$27,500	\$0
ELECTRICAL	\$247,000	\$343,000
SITE	\$961,100	\$531,000
BUILDING SUB-TOTAL	\$4,417,150	\$1,234,400
ENVIRONMENTAL CONTINGENCY	\$65,000	TBD
TOTAL BUILDING COSTS	\$4,482,150	\$1,234,400

*Only the total in the "Recommended" column is included in the overall totals page.

Blue Point Elementary School

Blue Point Elementary School Recommended Items

		<u>Accepted</u> 9-21-15	<u>B List</u>
<u>ARCHITECTURAL</u>			
1	Replace original slate roofing with new slate roofing. District Request (DR) - Roof replacement to include gutters & leaders in this area.	\$497,000	
2	Restore masonry at original building. (DR) - Some severe spalling seen at west side gables exposed at roof level. - Seal cracks in stone sills until such time as they can be replaced. Replacement should be coordinated with window project (\pm 15 stones included). - Repoint joints in all other sill stones. - At connector (north entrance) both north & south entry surrounds are having water penetration issues. Provide coping over each parapet, confirm roof drainage, clean and point any failed mortar. - Replace approximately 400 bricks at the south side of the gym, 100 at the west side and 100 at the north wall (surface failure). - At the upper spandrel above rooms 211, 212, 213, replace approximately 100 bricks and point. - Repair full height cracks at north and south corners of east face of cafeteria addition. - An additional pointing allowance of \$50,000 is also included. - Resurface western facing gable ends with corrugated metal panel (brick red in color).	\$248,000	
3	The windows at the east side of the original building are recommended for replacement. (DR)	\$327,200	
4	The windows at the west side of the 1954 section and in the 1963 sections of the building are recommended for window repairs. (DR)	\$22,100	
5	The windows in the gymnasium are recommended for replacement. (DR)	\$122,700	
6	Replace four corridor windows and one kitchen window in the 1968 section and four glass block openings in the 1954 classroom addition.	\$45,300	
7	Main office is very tight. (DR) - Cost indicated is for renovation of the office area inclusive of room 103.	\$138,500	
8	Provide security vestibule at main entry. (DR) - Replace inner vestibule doors in existing frame. Door to have security lever lockset and interior panic device. *Coordinate with items shown in engineering section.	\$15,000	

Blue Point Elementary School

Recommended Items

		<u>Accepted</u> 9-21-15	<u>B List</u>
<u>ARCHITECTURAL - CONTINUED</u>			
10	Perform reconstruction work at six classroom modular building. (DR) - The cost indicated is to repair in place: per items below • New roof (\$207,000) • New exterior wall surfacing (\$324,500) • New exterior doors 6 FRP doors (\$41,600) • Repair 30 windows (\$10,400) • Replace flooring and add a layer of 5/8" plywood sub floor (\$125,000) • Provide additional insulation in the crawl space. (\$27,000)	\$738,700	
11	The Principal requests a canopy at north entry for protection in inclement weather. (DR) - Coordinate with solution for modular and possible reconstruction of landing. - Cost is for a 12'x40' canopy straight out from the north side doors. - The cost has been adjusted to extend the canopy an additional 60' down the side of the building.		\$444,400
<u>ARCHITECTURAL MISCELLANEOUS REPAIRS</u>			
12	Provide safety railings at entrance aisles to seating area in auditorium/gym. (7 short sections & a piece at each location). (DR)	\$15,800	
13	Add center railing at main stair to gym.	\$3,200	
14	Currently water comes in under door way at north side parking lot entry (connector between modular & cafeteria building) (DR) - Concrete outside door does not positively drain away from the door and is higher than floor level. ($\pm 1/2"$). - Remove and replace exterior landing. - Correct railing at ramp at north side entry to prevent wheelchair run off per Code.	\$7,000	
16	Replace remaining VAT flooring in classrooms (202, 203, 204, 205, 207, 213 closet). (DR) - Confirm if corridor tile in older sections is 12x12 VAT (looks like 1980's version).		\$60,400
17	Provide handicapped accessibility to the stage via provision of a portable wheelchair lift.	\$34,000	
ARCHITECTURAL TOTAL		\$2,214,500	\$504,800
<u>HVAC</u>			
1	Replace three missing rooftop gravity exhaust turbine fans, one of which blew down in a storm, and the other two were removed as a precautionary measure.	\$30,000	
2	Provide mechanical fresh air into converted speech room 210, which was originally a book storage room.	\$25,000	

Blue Point Elementary School

Recommended Items

	<u>Accepted</u> 9-21-15	<u>B List</u>
<u>HVAC - CONTINUED</u>		
3	Repair or replace the Guardian gas detection system. Panel currently shows trouble with an alarm indication.	\$25,000
4	Investigate and repair as required exhaust/relief air system, located in the attic space. System does not appear to be properly connected.	\$50,000
5	Rebalance or provide supplemental heat in library book room, which does not get sufficient heat from the ducted system.	\$15,000
6	Replace the undersized Dunham Bush boiler room condensate receiver, which is nearing the end of its life expectancy.	\$80,000
7	Replace the older type unit ventilators in rooms 104 & 210 as per discussions with building personnel. District Request (DR)	\$65,000
9	Air duct cleaning in 1929 lunchroom and 2005 building.	\$21,000
10	Insulate supply ducts.	\$50,000
HVAC TOTAL		\$225,000
		\$136,000
<u>PLUMBING</u>		
1	Provide domestic hot water at sink in main office area, which currently has none.	\$10,000
2	Provide emergency shower & eyewash station(s) in the building in the nurses office and custodial area.	\$12,500
3	Replace the original problematic galvanized piping in the 1929 building, which is slowly closing up due to rust build-up.	\$445,000
PLUMBING TOTAL		\$457,500
		\$10,000
<u>ELECTRICAL</u>		
1	Upgrade the Simplex PA/intercom system to the gymnasium & cafeteria, as those areas do not work properly at times.	\$25,000
3	Create a security vestibule at the front entrance. Cost includes CCTV cameras, electric door strikes, a video intercom system and card access points. *Coordinate with architectural item.	\$11,500
6	Provide a permanent sound system in the cafeteria as per our discussions with building personnel. (DR)	\$45,000
7	Replace three original Federal Pacific electrical panels. This item is a carry over from the District's current Five Year Plan.	\$37,500
8	Eliminate the central battery emergency lights and install individual wall pacs for future cost savings and ease of maintenance.	\$7,500
ELECTRICAL TOTAL		\$119,000
		\$7,500

Blue Point Elementary School Recommended Items

		<u>Accepted</u> 9-21-15	<u>B List</u>
<u>SITE</u>			
1	Add 15-20 additional parking spaces for staff. (DR) - Reposition baseball field if possible to accommodate. (\$69,200 included to relocate field).	\$177,300	
2	Restore garage building (DR) - New roof, fascia & soffit & siding.		\$29,600
3	Repair/replace damaged pavement sealcoat & restripe main parking lot and drop off loop (DR). - Correct settlement at drain in north side of lot.	\$82,500	
4	Replace damaged concrete sidewalks & curbing. (DR). *Replace concrete walk from exterior landing to main approach walk. Provide ADA compliant railings.	\$55,300	
5	Replace asphalt drive from street to gate at south side of property.	\$22,700	
6	Crackfill sealcoat and repaint game lines at asphalt play surface.	\$31,500	
7	Aerate, topdress & overseed fields.		\$118,500
SITE TOTAL		\$369,300	\$148,100

COST ESTIMATES TOTAL - BLUE POINT ELEMENTARY SCHOOL

	<u>Accepted</u> <u>9-21-15</u>	<u>B List</u>
ARCHITECTURAL	\$2,214,500	\$504,800
HVAC	\$225,000	\$136,000
PLUMBING	\$457,500	\$10,000
ELECTRICAL	\$119,000	\$7,500
SITE	\$369,300	\$148,100
BUILDING SUB-TOTAL	\$3,385,300	\$806,400
ENVIRONMENTAL CONTINGENCY	\$65,000	TBD
TOTAL BUILDING COSTS	\$3,450,300	\$806,400

*Only the total in the "Recommended" column is included in the overall totals page.

Proposed Bond Scope Totals

Proposed Bond Scope Totals 9-21-15

	Accepted 9-21-15	B List
Bayport-Blue Point High School	\$9,364,713	\$1,423,200
James Wilson Young Middle School	\$10,530,237	\$2,295,450
Academy Street Elementary School	\$2,072,600	\$395,300
Sylvan Avenue Elementary School	\$4,482,150	\$1,234,400
Blue Point Elementary School	\$3,450,300	\$806,400
TOTAL FACILITIES STUDY COSTS	\$29,900,000	\$6,154,750