THESE MINUTES ARE SUBJECT TO APPROVAL BY THE PUBLIC BUILDING AND SITE COMMISSION.

Minutes of the Regular Meeting of the Public Building and Site Commission held on Thursday, April 23, 2015 at Reed Intermediate School. Chairman Robert Mitchell called the meeting to order at 7:00 p.m.

Present: Robert Mitchell, James Juliano, Peter Samoskevich, Joseph Borst, Thomas Hanlon, Roger Letso, Rick Matschke. **Absent**: Anthony D'Angelo, Thomas Catalina

Also Present: Clerk of the Works William Knight, Geralyn Hoerauf and Mark DuPre from Diversified Project Management, Aaron Kruger from Consigli, Julia McFadden from Svigals and Partners, Gino Faiella, Director of Facilities and Keith Alexander, Chair of the Board of Education.

Approval of Minutes from April 2, 2015.

Mr. Borst moved to approve the minutes as presented. Second by Mr. Samoskevich. All in favor.

Sandy Hook Elementary School

Mr. Kruger of Consigli gave an update on the status of construction.

- Retaining wall work and Dickinson Drive road construction continues.
- Culvert over wetlands is in place.
- All site inspections have been satisfactory.
- Foundations at A-wing and B-wing are complete; and footings and foundation walls are underway at both C-wing and D-wing.
- The basement level steel has been installed at B-wing.
- Underground utilities are complete at A-wing and in progress at B-wing and C-wing.
- Ground is being prepared for slab to be poured at A-wing.
- The basement slab was poured last week.
- Door frames for basement are on order.

Mr. Knight stated everything is going well with Consigli, management is good. Mr. Matschke said the site is flowing nicely and is very neat and organized.

Mr. Kruger noted several change requests:

- CR007 on hold right now.
- CR008 Due to hidden site conditions, over-excavation of unsuitable soils in the area of retaining wall #4 was required. The geotechnical engineer identified the unsuitables and removed them. Additional scope required in the amount of \$16,282.37.

- CR010 Elevator beam and Pit Ladder Credit: This scope was included in the contract prices of two subcontractors. Final scope is included with the elevator package resulting in a credit of \$1,651.00.
- CR021 Detail in stage area between the gym and cafeteria; structure required for installation of the stage partition in the amount of \$1,286.25.
- CR012 Additional time needed to check/correct drawings for steel. There was a dimensional discrepancy between the paper drawings and the CAD drawings. The steel company had to redo their model however no re-build was necessary. Changes in the steel shop drawings and detailing to clarify dimensions in the amount of \$14,905.96.

Mr. Mitchell asked that CR012 be considered a shared cost and have Svigals come back to the next meeting and make recommendation on sharing the cost.

Mr. Hanlon made a motion to accept the 4 change orders (CR008, CR010, CR012, CR021) with the condition that a shared suggestion be provided for CR021. Seconded by Mr. Borst. All in favor.

Ms. Hoerauf highlighted her report:

- Road widening at Riverside Road will start first week of May.
- Pole relocations along Riverside Road have been resolved without requiring easements from neighboring property owners. All poles will be located within the Town's right-of-way.
- A Neighborhood Meeting was held on April 21st with individual property owners in the area to review plans for widening Riverside Road.
- Continue to work with Parks & Recreation to get their requirements for the pump station.
- Town continues work on the easement on Crestwood Drive.

Mr. Kruger reported potential Change Orders:

- CR004 Phase 3 Revisions to Site Electrical
- CR006 Retaining Wall Coordination
- CR014 Treadwell Park Irrigation Infrastructure
- CR017 Wood Ceiling Detailing at Walkway
- CR018 Finish Clarifications
- CR020 Radiant Floor Heating (Pre-K and K Wing)

Ms. McFadden presented her outline of the SHS Artwork Development Plan. In June/July preliminary designs will be presented to PBSC; Mr. Mitchell suggested this be a joint meeting with the BOE.

Mr. Mitchell sends in a 3 month projection of how money is going to be spent to the Bureau of School Facilities who then goes to the bonding commission to release funds. Mr. Mitchell presented a 2015-2016 Cash Flow Analysis report which will be given to the bonding commission in order to release the funds in a timely manner.

Sandy Hook School Invoices

Mr. Borst moved to recommend approval of Svigals +Partners invoice #1360-20 in the amount of \$221,198.07. Second by Mr. Matschke. All in favor.

Mr. Borst moved to recommend approval of Consigli invoice #18 in the amount of \$981,935.75. Second by Mr. Samoskevich. All in favor.

Mr. Borst moved to recommend approval of Langan invoice #0051373 in the amount of \$5,350.00. Second by Mr. Matschke. All in favor.

Mr.Borst moved to recommend approval of the IMTL invoices #2134-H in the amount of \$1,870.00 and #2134-l in the amount of \$1,360.00. Second by Mr. Matschke. All in favor.

Mr. Borst moved to recommend approval of IMTL invoices #2135-A in the amount of \$2,925.00. #2135-B in the amount of \$1,857.50, and #2135-C in the amount of \$1,821.25. Second by Mr. Hanlon. All in favor.

Mr. Borst moved to recommend approval of Pierz invoice in the amount of \$18,500.00 pending resolution with Bob Tait. Second by Mr. Hanlon. All in favor.

Ms. Hoerauf referred to the additional services report by Langan which is attached to her report. It was originally estimated they would need 46 days for their work, they have expended all of that time but still have 18 days of inspection left. Total additional cost is \$23,300.00.

Mr. Borst moved to recommend approval of Langan invoice contingent upon the not-to-exceed fee of \$23,300.00. Second by Mr. Letso. All in favor.

Mr. Matschke moved to recommend approval of DPM invoice #2015053 in the amount of \$15,623.35. Second by Mr. Borst. All in favor.

Gino Faiella stated that looking farther out he would like an assessment of what furniture will be brought back from Chalk Hill to the new school. Ms. McFadden said meetings will be scheduled in mid-May and mid-June to review the list.

Community Center

Ms. Hoerauf said that the project as it had developed through the end of March is no more. Due to public input, the advisory committee and town officials decided to reassess the project. Consultants and Project Manager are on hold. A new advisory committee was appointed by the Board of Selectmen which includes different representatives of the community and they will be looking at the scope of the project and what should be included in a community center. Ms. Hoerauf will continue to be a

resource for the committee. The committee has been given a six month timetable and there will be a referendum on the project in November.

Mr. Borst moved to recommend approval of Quisenberry invoice #7824 in the amount of \$29,225.00. Second by Mr. Matschke. All in favor.

Mr. Borst moved to recommend approval of Caldwell Walsh invoice #2727-02 in the amount of \$1,000.00. Second by Mr. Letso. All in favor.

The Jantris Marketing invoice #15-184 in the amount of \$770.00 was rejected.

Review of Town Initiated Projects

Mr. Mitchell reported that there was nothing for PBSC to review.

Review Status of NHS "Roof" Leaks

Mr. Knight said that the roof is still leaking and will be looked at in June when school is not in session.

Review of Time Frame for NHS Auditorium Renovations Project

Mr. Mitchell presented a Project Timeline for auditorium renovations. The goal is to have full occupancy and use of the auditorium by December 2016. The referendum for approval of the project will be in July 2015. Advertising for the architect, review of RFP's, and the interview process if necessary can be done now. Signing of the contracts cannot take place until after the referendum. Mr. Mitchell will make the recommendation to engage DPM to First Selectman Pat Llodra.

Unfinished Business

None.

The next meeting is scheduled for May 28, 2015.

Adjournment. The meeting adjourned at 9:07 p.m. by motion of Mr. Borst, seconded by Mr. Letso with all in favor.

Respectfully submitted,

Ann M. LoBosco, Clerk







Sandy Hook Elementary School

Newtown, CT

Monthly Report to the Public Building and Site Commission April 23, 2015





Sandy Hook Elementary School Newtown, CT

Monthly Report – April 23, 2015

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Sandy Hook Elementary School Newtown, CT

Monthly Report - April 20, 2015

1) Executive Summary

Phase 3 Sitework construction is ongoing and is on schedule. Retaining wall work and Dickinson Drive road construction continues, with the culvert over wetlands in place. Wetlands mitigation work has begun with invasive plant removals. All site inspections have been satisfactory.

Phase 4 Building Construction continues on schedule. Foundations at A-wing and B-wing are complete; and footings and foundation walls are underway at both C- and D-wings. Structural steel delivery has begun and the basement level of steel has been installed at B-wing. Underground utilities are complete at A-wing and in progress at B- and C-wings.

The project continues on schedule. Change Requests have increased the overall construction cost but are within the contingency amount budgeted and continue to be closely monitored by the project team.

2) Opportunities

Subsequent to a final site visit by the utility companies, it has been determined that no additional easements will be required of adjacent property owners to complete the pole relocation work along Riverside Rd. The new pole locations have been staked and work orders are in process with Frontier Communications. It is anticipated that pole relocation and the widening of Riverside Rd will commence in early May. The project team will continue to work closely with the neighborhood to mitigate the impact of the road widening work on local travel.

The Crestwood Drive utility easement needed for gas line installation continues through the court process. Gas main installation is anticipated for late summer.

The Parks & recreation Department has selected a vendor and pump equipment for the Treadwell Park irrigation booster pump station and is working with Consigli on the infrastructure requirements. The project team will continue to work to the Parks and Rec schedule on their equipment installation.

The project team also continues to work with the resident at 12 Crestwood Drive on their claim for damages during the DDC work. Consigli has engaged an independent drywall contractor to provide a second quote for the cost of repairs. The Town Attorney is working with the team to ensure an equitable resolution for all parties.





3) Activities this period (Mar. 24 – Apr. 20)

a) Construction Phase

i. Construction Phase Progress – Phase 3

Retaining wall #4 is still awaiting installation of capstones. The installation of retaining walls along the new road and adjacent to the culvert is ongoing. Creation of a temporary parking area for subcontractor vehicles is still underway.

Invasive species removal work has been completed at wetlands areas to be restored. Replacement soil mix has been tested and is awaiting approval before wetlands mitigation work can proceed.

Site electrical work is ongoing. Temporary power has been provided at the webcam location and the web camera has been installed. Access to the live feed is restricted to a limited list of project, Town and public safety personnel.

ii. Construction Phase Progress - Phase 4

MEP coordination continues; coordination of the A-wing work is complete. A submittal schedule has been developed and submittals and shop drawings are being reviewed and approved according to the schedule.

A-wing (gym and cafeteria) foundations are complete and have been back-filled. Underground utilities for the kitchen and custodial spaces are complete and the ground is being prepared for slab to be poured.

B-wing (two-story classroom wing) foundations are complete. The basement level has been completed and all under-slab utilities placed. The basement slab has been poured. Structural steel at the basement level began on April 20th.

C-wing (two-story classroom wing) foundations are ongoing, with footings complete and walls in the process of being formed and poured.

D-wing (preschool and kindergarten wing) excavation has begun.

iii. Change Requests

The following Change Requests have been reviewed and approved by the architect and the clerk-of-the-works:





CR007 -- Bulletin #1, Fire Marshal Plan Review Changes: Upon final review of the building entrance/egress doors at the cafeteria and gymnasium, entrance, the FM required a change in door size and egress capacity that resulted in a change to the layout of the vestibule and surrounding construction, in the amount of \$7,843.52.

CR008 -- Retaining Wall #4 Over Excavation: Due to hidden site conditions, over-excavation of unsuitable soils in the area of retaining wall #4 was required. The conditions were reviewed by the geotechnical engineer and additional scope required of the site contractor in the amount of \$16,282.37

CR010 -- Elevator Beam and Pit Ladder Credit: This scope was included in the contract prices of two subcontractors. Final scope is included with the elevator package resulting in a credit of \$1,651.00.

CR012 -- RFI 26 & 29, SKA-001R: Building Geometry - Steel Detailing: Changes in the steel shop drawings and detailing to clarify dimensions due to the curved front façade of the building, in the amount of \$14,905.96.

CR021 -- RFI 63 Revisions: Folding Partition Structural Steel: Structure required for installation of the stage partition in the amount of \$1,286.25.

iv. Owner-Supplied Vendors

Langan Engineers and IMTL continue to provide testing services regarding soil conditions at footings and foundations, as scheduled by the CM. Titan Engineering provided inspections services to certify retaining wall installation according to the retaining wall design criteria.

Multivista has installed the project webcam and it is up and running and accessible to limited project, Town and public safety personnel. Photo documentation services should begin in late April.

v. Neighborhood Relations

Pole relocations along Riverside Rd have been resolved without requiring easements from neighboring property owners. Once the snow melted and the road widening work was actually staked-out, the utility companies determined that no further negotiations are necessary and the poles will all be located within the Town's right-of-way.





A Neighborhood Meeting has been scheduled for April 21st at the Multipurpose Building, to review the current plans for widening Riverside Rd. Residents will be made aware of the schedule and sequencing of the work as soon as the utility companies provide confirmation of dates for pole relocation work. Consigli is working with individual property owners on the relocation of fences, walks and curb-cuts. Work is expected to start in late April.

Consigli arranged for Eversource to redirect the Dickinson Drive light fixtures and minimize light spread to neighboring properties, until the poles are removed during the rebuilding of the road.

b) Other Activities

i. Project Website

The project website has been updated for March 2015 http://www.sandyhook2016.com/construction.html

ii. Other Informational or Coordination Meetings

A Partnering Event was held on April 7th at Edmond Town Hall to introduce all subcontractors to the project. The design and construction team hosted a program at which the project design history was presented and the subcontractor firms were invited to participate in team-building activities.

LEED coordination meetings are held monthly with the design and construction team. It is currently estimated that the project would earn 63 of 100 points, qualifying the project for a Gold rating.

iii. Additional Services Request

Langan Engineering is requesting additional services fees to complete the required Owner's inspection work as listed in the Statement of Special Inspections filed with the Town Building Department. Their proposal, along with an explanation for the additional inspection visits is attached to the report.

iv. Donation Coordination

No new action on possible donations during this period.

4) Programmed activities next period (Apr. 21 – May 22)

a) Construction Phase

i. Construction Phase Progress – Phase 3
 Sitework activities will continue as scheduled on the attached 4-Week Look-Ahead.





Construction of Retaining Wall #4 will be completed; construction of Retaining Walls #3 and #2A at the culvert will continue. Drive installation and the trades' parking lot work will be completed.

Site electrical work will continue. The new domestic water line will be completed, followed by testing and flushing of the line by Aquarion.

ii. Construction Phase Progress - Phase 4

Mobilization and the submittal process will continue.

A-wing floor slab will be poured and structural steel placement will begin.

B-wing foundations will be completed. Basement level steel will be completed and the first floor deck slab will be poured. Underslab utilities will be installed at the rear portion of B-wing and the slab-on-grade will be poured. The remaining foundations will be backfilled.

C-wing foundation walls will be completed and back-filled. Underslab utilities will be installed and slab-on-grade completed. Structural steel should begin mid-May.

D-wing excavation will be completed and footings and foundations begun.

iii. Potential Change Requests

Future Change Requests are anticipated:

CR004 Phase 3 Revisions to Site Electrical

CR006 Retaining Wall Coordination

CR014 Treadwell Park Irrigation Infrastructure

CR017 Wood Ceiling Detailing at Walkway

CR018 Finish Clarifications

CR020 Radiant Floor Heating – Pre-K and K Wing

b) Other Activities

i. Project Website

The website will continue to be updated monthly as construction progresses and new photographs are posted. Beginning in May, photos from the Multivista documentation will be used on the web site and for project reporting.





ii. Other Coordination Meetings

Monthly LEED update meetings will be scheduled with the project team to coordinate the necessary construction phase documentation required by the LEED certification process.

5) Project Budget and Cash Flow Analysis

A current detailed Project Budget is attached. The current budget is based on the approved GMP for Phase 3 - Site Improvements and the approved GMP for Phase 4 - Building Construction, approved Change Requests, contracted and requested consultant fees, and projected Owner costs to complete the project.

A current Cash Flow Analysis is attached. Grant disbursements and recorded project expenses have been reconciled with actual expenditures made in the interest of the project by the Town's Purchasing Department as of March, 2015.

Budget line items not finalized by executed contracts remain as projections only and are subject to adjustment as other line item costs become known. The team continues to be committed to producing the project within the \$50 million state grant.

6) Quality and Safety

No site safety issues reported this period. Safety procedures have been reviewed with Consigli and their subs and all emergency response procedures have been coordinated with first responders.

Consigli holds regularly scheduled Safety Incentive activities onsite for subcontractors and safety training for all onsite personnel.

7) Approvals Anticipated by PB&SC

- a) At the April 23rd Meeting:
 - i. Change Requests CR007, CR008, CR010, CR012 and CR021
 - ii. Requisition #18 from Consigli Construction for March 2015
 - iii. Langan Engineering Additional Services Request dated April 17, 2015, in the estimated amount of \$23,300
 - iv. Monthly invoices from consultants

8) Attachments

- a) Construction Schedule
 - a. Four-Week Look-Ahead dated April 13, 2015
- b) SandyHook2016.com Construction Page for March 2015
- c) Project Budget dated April 20, 2015
- d) Project Cash Flow Analysis dated April 20, 2015





- e) Langan Engineering Additional Services Proposal dated April 17, 2015
- f) Consigli Construction CR007 dated April, 2015
- g) Consigli Construction CR008 dated April, 2015
- h) Consigli Construction CR010 dated April, 2015
- i) Consigli Construction CR012 dated April, 2015
- j) Consigli Construction CR021 dated April, 2015

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	Critical submittals: Steel					_		-	\vdash	_	_			_		-	-	-	-	_			

The New Sandy Hook School

SVIGALS + PARTNERS

Home

About

Community

Construction Design

Team

Kids Build!

FAQ

Construction

The school construction project is comprised of six phases of documentation and work;

Phase 1 - Abatement

Phase 2 - Demolition

Phase 3 - Site Work

Phase 4 - Building

Phase 5 - Fixtures, Furnishings & Equipment (FFE)

Phase 6 - Playgrounds

Abatement and Demolition Phases were undertaken and completed in October-November 2013. Site
Work began in October 2014; and activities for the Building Phase will begin in February-March 2015. The project will be completed and ready for use in 2016, for the 2016-2017 school year.

April 2015 Forecast

- · Continue installation of Wing B foundations
- · Excavate and begin installation of Wing C
- · Complete under slab utilities in Wing A and place slab on grade
- · Continue installation of site retaining walls
- · Continue installation of site drainage and utilities

March 2015

Progress

- · Excavated foundations for Wing A and the Wing B basement
- Installed Wing A foundations and Wing B basement footings
- . Began under slab utilities within the building
- · Installed the box culvert at the new entry
- · Began installation of the retaining walls along the new entry driveway



Basement Foundations





Cafeteria Foundations



Box Culvert



View Looking Southeast

Photography by Tim Lee of Tim Lee Photography

February 2015

January 2015

December 2014

November 2014

October 2014

DIVERSIFIED PROJECT MANAGEMENT

				PROPOSED			
The second secon			CONFIRMED	ADDITIONAL	CU	RRENT TOTAL	
ITEM DESCRIPTION	FIRM NAME	CO	VTRACT VALUE	COSTS		BUDGET	NOTES
Pre-Project Costs					\$	52,726	
Appraisals	Andrews & Galvin 9/5/2013	\$	2,600				
	Arnold Grant Assoc. 11/14/2013	\$	2,800				
Site Surveys	Brautigam Land Surveyors PC	\$	23,814	\$ 4,186			Easement surveys
Site Signage	East Coast Sign	\$	3,237				
Tank Removal	Moran Environmental	\$	16,089			107	
rofessional Fees	-				\$	5,377,109	
Owners Project Manager	DPM	\$	734,294				
OPM Reimbursables	DPM	\$	13,926	\$ 11,074			
Architect	Svigals + Partners	\$	2,753,858				1
Architect Add Services	Svigals + Partners	\$	914,396				
Architect Reimbursables	Svigals + Partners	\$	53,134	\$ 31,866			
Haz Mat Consultant	RW Bartley	\$	79,495	\$ 300			Testing services for excavated
Environmental Engineers	TRC	\$	125,522	\$ 400			well vaults
Legal	Town Attorney	\$	98,118	\$ 21,882			Ongoing legal review
Clerk of the Works	Bill Knight	\$	125,000				
Local Review for State Approval	Pierz Associates	\$	18,500				
Special Inspections & Testing	Michael Horton Assoc Inc	\$	12,000				
	IMTL	\$	15,458	\$ 84,542			Estimate for Owner's testing
	Langan Engineering	\$	74,700	\$ 23,300			
	Titan Engineering	\$	7,450				
CM - Preconstruction	Consigli Construction Co Inc	\$	177,894				
Construction					\$	41,984,159	
Phase 1&2 - Abatement	Bestech	\$	1,122,841				
Phase 1&2 - Demolition	Bestech	\$	763,055				1
Phase 1&2 - CM	Consigli Construction Co Inc	\$	90,612				
Phase 1&2 - Fence	Frankson Fence Co	\$	82,738				
Phase 1&2 - Seeding		\$	19,750				
Phase 1&2 - Security	Consigli Construction Co Inc	\$	50,734				
Phase 3 - Site Abatement	Bestech	\$	975				Removal services, well vault
Phase 3 - Site Construction	Consigli Construction Co Inc	\$	6,601,611	\$ 24,126			CRs 7, 8 to date
Phase 4 - Building Construction	Consigli Construction Co Inc	\$	32,155,274	\$ 14,541			CRs 10, 12 & 21 to date
Phase 4 - Potential Change Requests				\$ 288,097			
Phase 6 - Playground Equipment	Consigli Construction Co Inc	\$	545,075				
Utility Connection Costs	Yankee Gas			\$ 85,000			1
	Aquarion Water	\$	23,334				
Builders Risk Insurance	The Hartford	\$	49,895				
Construction Photo Documentation	MultiVista	\$	66,500				
rechnology	budgeted at \$1050 per 500 students			\$ 530,000	\$	530,000	1
Furniture, Fixtures, Equipment	budgeted at \$1280 per 500 students			\$ 640,000	\$	640,000]
Integrated Art Design	Svigals + Partners			\$ 25,000	\$	85,000	
66.	Unassigned Art Budget			\$ 60,000			
					\$	40 500 004	£ 40 300 430
Subtotal				3 7744		48,668,994	\$ 48,309,178
Contingency				2.73%	>	1,331,006	3.50% \$ 1,690,821.
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Total Project Budget					\$	50,000,000	<u> </u>



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Technical Excellence Practical Experience Client Responsiveness

17 April 2015

Robert Tait, Finance Director Town of Newtown 3 Primrose Street Newtown, CT 06470

RE:

Langan Additional Services #4
Construction Observation Services

Proposed Sandy Hook Elementary School ("The Project")

Newtown, Connecticut

Langan Project No.: 140098000

Dear Bob:

The purpose of this additional services request is to extend our current geotechnical observation services since the associated construction work took longer than originally estimated by the contractor. We (Langan) are approaching the total allowance for construction-related observation and administration work outlined in our base Construction Observation Proposal (Langan Additional Services #3 revised 4 November 2014).

BACKGROUND

As a follow-up to our initial pre-construction geotechnical investigation work, Langan was also retained by the Town of Newtown to observe geotechnical-related items during construction in accordance with the project Statement of Special Inspections. Specifically, Langan is/was responsible for oversight of Deep Dynamic Compaction (DDC), preparation of building foundation subgrades, and preparation of retaining wall foundation subgrades.

<u>Deep Dynamic Compaction</u> – The soils below the proposed building location were inadequate to support the structural loads without improvement. Therefore, a ground improvement program was required. Deep dynamic compaction (DDC) was selected by the project team and the town because the cost to implement the program was several orders of magnitude cheaper than the next viable alternatives such as removal and replacement. However, because of the nature of the work, more oversight is needed to observe how the soils respond to the DDC work, recommend revisions to the program, document the work, and perform post-DDC borings to confirm the level of improvement that was obtained.

<u>Foundation Subgrades</u> – As required in the project Statement of Special Inspections, Langan has been on-site to observe the foundation subgrades to verify that the soil subgrades are suitable for the construction of the proposed building and consistent with the findings of our pre-construction investigation and post-DDC improvement work.

Retaining Walls – We have been on-site to observe the subgrades of the proposed retaining walls to confirm that the soils encountered are sufficient to support the proposed loads and consistent with the findings of our pre-construction investigation. This is also a requirement in the retaining wall design drawings prepared by others.

<u>Schedule</u> - Our original proposal for construction observation includes daily rates and was based upon the estimated construction duration schedule provided by Consigli (revised 9 April

Langan Additional Services #4
Construction Observation Services
Proposed Sandy Hook Elementary School ("The Project")
Newtown, Connecticut

Langan Project No.: 140098000

2014). To date, Langan has worked closely with Diversified Project Management and Consigli to use our field time efficiently on-site, however, the actual time for some of this work has taken longer by the contractor than originally estimated, see below.

Item	Original Estimated Days*	Actual Days	Days Remaining
DDC and Post- Treatment Borings	11	23	0
Excavate Foundations	10	12	10
Retaining Walls	25	9	8
Culvert Placement	0	2	0
Subtotal	46	46	18

^{*}Based on Consigli's Revised 9 April Schedule

Based on the work performed to date, we estimate that an additional 18 days will be required to complete our work for the foundations and retaining walls.

FEES

The following breakdown below provides our fee estimate based upon the additional days to complete our scope of work. Consistent with our original proposal for construction observation services, our field time will be directly influenced by the progress and schedule of the contractors performing the work; as such we have provided unit rates and allowances below.

1. Special Observation Services

Excavate	Foundations

Assume 10 days @ \$ 1,100/day \$ 11,000 Walls

Assume 8 days @ \$ 1,100/day \$ 8,800 Summary Report \$ 2,000

2. Senior Engineering Oversight

Assume 3 Weeks @ \$ 500/week <u>\$ 1,500</u>

Total = \$23,300

The actual invoice will be based on the actual time spent performing the work. We will bill you monthly on a time spent basis in accordance with the attached General Terms and Conditions. Invoices are payable within 30 days.



Langan Additional Services #4
Construction Observation Services
Proposed Sandy Hook Elementary School ("The Project")
Newtown, Connecticut

CLOSING

Langan Project No.: 140098000

We look forward to continuing working with you on this project. If the revision to our original scope and fees is acceptable to you, please sign the authorization section and return one copy for our records to authorize this work. If you have any questions, please do not hesitate to call.

Sincerely, Langan CT, Inc.

Robert B. Condon, P.E. Senior Project Manager

Christopher P. Cardany, P.E., LEED-AP Senior Associate/Vice President

Enclosure(s): Langan Construction Observation Services Proposal (4 November 2014)

General Terms and Conditions

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Langan Additional Services #4
Construction Observation Services
Proposed Sandy Hook Elementary School ("The Project")
Newtown, Connecticut
Langan Project No.: 140098000

AUTHORIZATION

Receipt of this Proposal, including the General Terms and Conditions annexed hereto, is hereby acknowledged and all of the terms and conditions contained therein are accepted.

Robert Tait, Finance Director Town of Newtown 3 Primrose Street Newtown, CT 06470

Re: Langan Additional Services #4

Construction Observation Services

Proposed Sandy Hook Elementary School ("The Project")

Newtown, Connecticut

Langan Project No.: 140098000

Company: _		("Client")
By/Title:		
	(Authorized representative)	
Signature: _		
Date:		

Langan CT, Inc. will be the contracting entity for this proposed work. All of the work will be performed by Langan Engineering and Environmental Services, Inc., which will contract to Langan CT, Inc.

GENERAL TERMS AND CONDITIONS

A. SCOPE OF SERVICES AND ADDITIONAL SERVICES

A. SCOPE OF SERVICES AND ADDITIONAL SERVICES

All services provided by "Langan Engineering, Environmental, Surveying and
Landscape Architecture, D.P.C.", or "Langan Engineering and Environmental
Services, Inc.", or "Langan International, LLC", or "Treadwell & Rollo, a Langan
Company", or "Langan Treadwell Rollo", or "Langan Engineering and
Environmental Services, Inc., PC", or "Langan CT, Inc." (collectively
"LANGAN"), regardless of commencement date, will be covered by this
Appropriate (which includes the LANGAN) represent and these Covered Towns and Agreement (which includes the LANGAN proposal and these General Terms and Conditions). Unless modified in writing by the parties, the duties of LANGAN shall not be construed to exceed those Services specifically set forth in the proposal. However, if requested by the CLIENT and agreed to by LANGAN in writing, LANGAN will perform additional services ("Additional Services"), and such Additional Services shall be governed by these provisions. Unless otherwise agreed in writing, the CLIENT shall pay LANGAN for the performance of any Additional Services an amount based upon LANGAN's then-current hourly rates. For avoidance of doubt, email will constitute written notice.

B. STANDARD OF CARE

LANGAN's services will be performed in accordance with this Agreement and in a manner consistent with the generally accepted standard of care and skill ordinarily exercised by professionals performing similar services under similar circumstances at the place and time the services are being performed (the "Standard of Care"). LANGAN will exercise reasonable professional care in its efforts to comply with codes, regulations, laws, rules, ordinances, and such other requirements in effect as of the date of execution of this Agreement. The CLIENT agrees that no other representation, warranty or guarantee, expressed or implied is provided by LANGAN or is presumed given by LANGAN under this Agreement or in any report, opinion, or any other document prepared by LANGAN or otherwise.

C. CLIENT RESPONSIBILITIES

In addition to other responsibilities described herein, the CLIENT shall: (i) provide all information and criteria as to the CLIENT's requirements, objectives, and expectations for the project, including all numerical criteria that are to be met and all standards of development, design, or construction and all other information reasonably necessary for completion of the Services; (ii) provide prompt, complete disclosure of known or potential hazardous conditions or health and safety risks; (iii) provide to LANGAN all previous studies, plans, or other documents pertaining to the project and all new data reasonably necessary in LANGAN's opinion, such as site survey and engineering data, environmental impact assessments or statements, zoning or other land-use regulations, upon all of which LANGAN may rely; (iv) review all documents or oral reports presented by LANGAN and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of LANGAN; (v) furnish approvals and permits from governmental authorities having jurisdiction over the project and approvals and consents from other parties as may be necessary for completion of LANGAN's services; (vi) give prompt written notice to LANGAN whenever the CLIENT becomes aware of any development that affects the scope and timing of LANGAN's services or any defect or noncompliance in any aspect of the project; and (vii) bear all costs incident to the responsibilities of the CLIENT. LANGAN will have the right to reasonable reliance upon the accuracy and completeness of all information furnished by the CLIENT.

D. INVOICING AND SERVICE CHARGES

LANGAN will submit monthly invoices to the CLIENT and a final bill upon completion of Services. The CLIENT shall notify LANGAN within two weeks of receipt of invoice of any dispute with the invoice. The CLIENT and LANGAN will promptly resolve any disputed items. Payment on undisputed invoice amounts is due upon receipt of invoice by the CLIENT and is past-due thirty (30) days from the date of the invoice. Any unpaid balances shall accrue late charges of 1.5% per month, or the highest rate allowed by law, whichever is lower, and the CLIENT agrees to pay all fees and expenses incurred by LANGAN in any collection action. In the event of a suspension of services or termination of the Agreement by LANGAN in accordance with Section P of these General Terms and Conditions, LANGAN will have no liability for any delay or damage of any kind actually or allegedly caused by such suspension of services or termination. CLIENT shall not withhold amounts from LANGAN'S compensation to impose a penalty or damages on LANGAN, or to offset sums requested by or paid to contractors for the cost of changes in their work unless LANGAN agrees or has been found liable for the amounts.

E. RIGHT OF ENTRY

The CLIENT shall provide for right of entry in order for LANGAN to perform its services. While LANGAN will take all reasonable precautions to minimize any damage to the property, the CLIENT acknowledges and agrees that in the normal course of work some damage may occur, the correction of which is not part of this Agreement unless specifically provided in the proposal.

F. JOBSITE SAFETY AND CONTROL OF WORK

LANGAN will take reasonable precautions to safeguard its own employees and those for whom LANGAN is legally responsible. Except as otherwise expressly agreed to in writing by LANGAN, LANGAN will have no responsibility for the safety program at the Project or the safety of any entity or person other than LANGAN and its employees. Neither the professional activities of LANGAN nor the presence of LANGAN's employees and subcontractors at the Project site will be construed to confer upon LANGAN any responsibility for any activities on site performed by personnel other than LANGAN's employees and subcontractors. The CLIENT agrees that LANGAN will have no power, authority, right or obligation to supervise, direct, stop the work of or control the activities of any other contractors or subcontractors or construction manager, their agents, servants or employees.

G. EXISTING CONDITIONS AND SUBSURFACE RISKS

Special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions. Even a comprehensive sampling and testing program implemented in accordance with a professional Standard of Care may fail to detect certain conditions. The environmental geologic, geotechnical, geochemical, and hydrogeologic conditions that LANGAN interprets to exist between sampling points will differ from those that actually exist. The CLIENT recognizes that actual conditions will vary from those encountered at the locations where borings, sampling, surveys, observations or explorations are made by LANGAN and that the data, interpretation, and recommendations of LANGAN are based solely on the information available to it. Furthermore, the CLIENT recognizes that passage of time, natural occurrences, and/or direct or indirect human intervention at or near the site may substantially alter discovered conditions. LANGAN shall not be responsible for interpretations by others of the information it develops or provides to the CLIENT.

LANGAN will take reasonable precautions to avoid damage or injury to subterranean structures or utilities in the performance of its services. The CLIENT agrees to defend, indemnify, and hold LANGAN harmless for any damage to subterranean structures or utilities and for any impact this damage may cause where the subterranean structures or utilities are not called to LANGAN's attention or are not correctly shown on the plans furnished by CLIENT or third parties.

H. HAZARDOUS MATERIALS

Unless otherwise expressly agreed to in writing, the parties acknowledge that LANGAN'S scope of services does not include any services related to a hazardous environmental condition (such as asbestos, PCBs, petroleum, mold, waste, radioactive materials or any other hazardous substance). The discovery of any such condition shall be considered a changed condition and LANGAN may suspend its services until the CLIENT has resolved the condition.

I. INDEMNIFICATION

Subject to the provisions of Section J of these General Terms and Conditions, LANGAN agrees to indemnify, hold harmless and, except for professional liability claims, defend the CLIENT and CLIENT's parent companies, subsidiaries, affiliates, partners, officers, directors, shareholders, employees and agents for any and all damage obligations, liabilities, judgments, and losses for personal injury and/or property damage including reasonable attorney's fees and other expenses and disbursements, asserted by any third parties to the extent determined to have been caused by the negligent acts, errors or omissions or willful misconduct of LANGAN in the performance of its services under this Agreement. LANGAN will not be responsible for any loss, damage, or liability arising from any acts by the CLIENT or any of its agents, employees, staff, or other consultants, subconsultants, contractors or subcontractors. In no event shall the indemnification obligation extend beyond the date when the institution of legal or equitable proceedings for professional negligence would be barred by an applicable statute of repose or statute of limitations.

To the fullest extent permitted by law, the CLIENT agrees to indemnify and hold harmless LANGAN and LANGAN's parent companies, subsidiaries, affiliates, partners, officers, directors, shareholders, employees and agents for any and all, damage obligations, liabilities, judgments and losses, including reasonable attorneys fees and all other expenses and disbursements, to which LANGAN may be subject, arising from or relating to (i) any unknown site condition or subterranean structures of which LANGAN does not have actual knowledge; (ii) any errors, omissions or inconsistencies in any data documents, records or information provided by the CLIENT on which LANGAN reasonably relied; (iii) any breach of contract, tort, error, omission, wrong, fault, or failure to comply with law by the CLIENT or third party over whom LANGAN has no control; (iv) the transport, treatment, removal or disposal of all Samples; and (v) the CLIENT's unauthorized use or copyright violation of plans, reports, documents and related materials prepared by LANGAN.

In the event any part of this indemnification is determined to be void as a matter of law, then the clause shall automatically be reformed to be consistent with the law and apply the parties' intent to the maximum extent permissible by law.

J. LIMITATION OF LIABILITY

To the fullest extent permitted by law, the total liability, in the aggregate, of LANGAN and its officers, directors, partners, employees, agents, and subconsultants, to CLIENT, and anyone claiming by, through, or under CLIENT, and to any third parties granted reliance, for any claims, losses, costs, or damages whatsoever arising out of, resulting from or in any way relating to this Project or Agreement, from any cause or causes, including but not limited to tort (including negligence and professional errors and omissions), strict liability, breach of contract, or breach of warranty, shall not exceed the total compensation received by LANGAN or \$100,000, whichever is greater. The CLIENT may negotiate a higher limitation of liability for an additional fee, which is necessary to compensate for the greater risk assumed by LANGAN.

To the extent damages are covered by property insurance, LANGAN and the CLIENT waive all rights against each other and against the contractors, consultants, agents and employees of the other for damages, except such rights as they may have to the proceeds of such insurance. LANGAN and the CLIENT, as appropriate, shall require of the contractors, subcontractors, consultants, subconsultants, agents and employees of any of them similar waivers in favor of the other parties enumerated herein.

K. WAIVER OF CONSEQUENTIAL DAMAGES

LANGAN and the CLIENT waive all consequential or special damages, including, but not limited to, loss of use, profits, revenue, business opportunity, or production, for claims, disputes, or other matters arising out of or relating to the services provided by LANGAN regardless of whether such claim or dispute is based upon breach of contract, willful misconduct or negligent act or omission of either of them or their employees, agents, subconsultants, or other legal theory. This mutual waiver shall survive termination or completion of this Agreement.

LINSURANCE

LANGAN agrees to maintain workers' compensation insurance as required by law and general liability, automobile and professional liability insurance with minimum limits of \$1,000,000. Certificates of insurance will be issued to the CLIENT upon written request. The CLIENT agrees that it will require the construction manager, general contractor or, if the CLIENT has not retained a construction manager or general contractor, the contractor(s) responsible for performing the work reflected by or relating to LANGAN's services on the Project, to name LANGAN as an additional insured on its Commercial General Liability Insurance.

M. FORCE MAJEURE

LANGAN will not be responsible or liable for any delays in performance or failure of performance related to any force majeure event, including but not limited to fire, flood, explosion, the elements, or other catastrophe, acts of God, war, not, civil disturbances, terrorist act, strike, lock-out, refusal of employees to work, labor disputes, inability to obtain materials or services, or delays caused by the CLIENT, its agents, contractors, subcontractors, consultants, subconsultants or employees, or any governmental regulation or agency, or for any other reason beyond the control of LANGAN.

N. OPINION OF COST

Consistent with the Standard of Care in Section B of these General Terms and Conditions, any opinions rendered by LANGAN as to costs, including, but not limited to, opinions as to the costs of construction, remediation and materials, shall be made on the basis of its experience and shall represent its judgment as an experienced and qualified professional familiar with the industry. LANGAN cannot and does not guarantee that proposals, bids, or actual costs will not vary from its opinions of cost. LANGAN's services required to bring costs within any limitation established by the CLIENT will be paid for as Additional Services.

O. PROJECT DELIVERABLES

All reports, opinions, notes, drawings, specifications, data, calculations, and other documents prepared by LANGAN and all electronic media prepared by LANGAN are considered its project Deliverables to which LANGAN retains all rights. The CLIENT acknowledges that electronic media are susceptible to unauthorized modification, deterioration, and incompatibility; and therefore, the CLIENT cannot rely upon the electronic media version of LANGAN's Deliverables. All Deliverables provided by LANGAN to the CLIENT as part of the Services are provided for the sole and exclusive use of the CLIENT with respect to the Project. Reliance upon or reuse of the Deliverables by third parties without LANGAN's prior written authorization is strictly prohibited. If the CLIENT distributes, reuses, or modifies LANGAN's Deliverables without the prior written authorization of LANGAN, or participation, the CLIENT agrees, to the fullest extent permitted by law, to release LANGAN, its officers, directors, employees and subconsultants from all claims and causes of action arising from such distribution, modification or use, and shall indemnify and hold LANGAN harmless from all costs and expenses, including the cost of defense, related to claims and causes of action arising therefrom or related thereto.

LANGAN will not sign any documents that certify the existence of conditions whose existence LANGAN cannot ascertain, or execute certificates or consents that would require knowledge, services or responsibilities beyond the scope of this Agreement.

P. TERMINATION

Except as otherwise provided in this Agreement, this Agreement may be terminated by either party upon not less than seven (7) calendar days' written notice should the other party fail substantially to perform in accordance with the terms and conditions of this Agreement through no fault of the party initiating the termination. If the defaulting party fails to cure its default within the seven (7) calendar day notice period or fails to commence action to cure its default if the cure cannot reasonably be completed within the seven (7) days, the non-defaulting party may terminate the Agreement. Failure of the CLIENT to make payments to LANGAN in accordance with this Agreement shall be considered substantial non-performance and grounds for termination or suspension of services at LANGAN's option after such seven (7) day notice period or anytime thereafter. In the event of termination, LANGAN will be compensated for all services performed and reimbursable expenses incurred prior to such termination and all termination expenses.

Q. DISPOSAL OF SAMPLES

All samples, contaminated or otherwise ("Samples"), collected by LANGAN while performing services under this agreement remain the property and responsibility of the CLIENT. LANGAN may dispose of Samples in its possession after ninety (90) calendar days unless otherwise required by law or other arrangements are mutually agreed to in writing by the parties. At all times, any and all rights, title and responsibility for Samples shall remain with the CLIENT. Under no circumstances shall these rights, title and responsibility be transferred to LANGAN, and nothing contained in this Agreement shall be construed as requiring LANGAN to assume the status of an owner, operator, generator, storer, transporter or person who arranges for disposal, under any federal or state law or regulation.

R. RIGHT TO REFERENCE PROJECT

The CLIENT agrees that LANGAN has the authority to use its name as the CLIENT and a general description of the Project as a reference for other prospective clients.

S. SUCCESSORS AND ASSIGNS

This Agreement shall be binding upon the parties hereto and their respective successors and assigns. The CLIENT may not assign or transfer this Agreement without the prior written consent of LANGAN. The parties agree that this Agreement is not intended to give any benefits, rights, actions or remedies to any person or entity not a party to this Agreement, as a third-party beneficiary or otherwise under any theory of law.

T. DISPUTE RESOLUTION

LANGAN and the CLIENT agree that any disputes arising under this Agreement and the performance thereof shall be subject to non-binding mediation as a prerequisite to further legal proceedings, which proceeding must be brought in a court of competent jurisdiction in the state in which the office of LANGAN that issued the Proposal is located. LANGAN and CLIENT waive any right to a trial by tury.

All actions by CLIENT against LANGAN, and by LANGAN against CLIENT whether for breach of contract, tort or otherwise, shall be brought within the period specified by applicable law, but in no event more than five (5) years following substantial completion of LANGAN'S services. CLIENT and LANGAN waive all claims and causes of action not commenced in accordance with this paragraph.

If the CLIENT asserts a claim against LANGAN relating to allegations of professional negligence in performance of LANGAN'S services under this Agreement, LANGAN will be entitled to reimbursement of any costs incurred by LANGAN in the defense of the professional negligence claim, including any expenses incurred as part of LANGAN'S professional liability insurance deductible, to the extent LANGAN is successful in its negligence defense.

U. GOVERNING LAW

This Agreement shall be governed by and construed in accordance with the laws of the state in which the office of LANGAN that issued the Proposal is located.

V. ENTIRE AGREEMENT

This Agreement (consisting of these General Terms and Conditions, the accompanying Proposal and LANGAN's Fee Schedule, if applicable) constitutes the entire agreement between the parties, supersede any and all prior agreements or representations of the parties to this agreement and conflicting terms on documents created by the CLIENT, and may not be modified, amended, or varied except by a document in writing signed by the parties hereto.

SVIGALS + PARTNERS

Sandy Hook School Artwork Development Plan

I. INSPIRATION / CONCEPT DEVELOPMENT - May

Kids Build - May 5

Nature-themed exercises – create inspiration material for us to extrapolate for:

Light Post Banners Etched Wood Panels

SBBAC - in late May

Exercises to gain some input to inform our development of themes for:

Weathervanes

Tile Mosaic Cistern Surround

Fiberglass Sculptured Panels

II. DESIGN - REVIEW/APPROVAL - June - July

Preliminary Designs

June 25 PBSC - presentation of preliminary designs

July 23 PBSC - Update presentation if desired

III. DOCUMENTATION - August

Finalize costs with all fabricators/contractors

IV. FABRICATION - September - November

Fiberglass Sculptured Panels

Clay models - September

Fiberglass fabrication at Skylight Studios - October-November

V. INSTALLATION - all preliminary dates to be confirmed with Consigli

October 2015

Weathervanes (Roofing install Aug-Oct)

November 2015

Wood Carvings (Siding install Oct-Nov)

February 2016

Admin Wall covering

Feb/March 2016 March 2016 Cistern Tile Surround Fiberglass panels

SCH00L	
K ELEMENTARY	Connecticut
SANDY HOO	Sandy Hook

446	CEDINICE	hol-15	Aug-15	Sep-15	0ct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16
FIRM	JCh Vice		9											
PROFESSIONAL SERVICES							000	420 400	400	000 000	632 400	C23 400	\$22 400	\$22,400
SVIGALS	CA Services	\$33,500	\$33,500	\$33,500	522,400	\$22,400	\$22,4UU	277,400	222,400	322,400	722,	7000	200	
SVIGALS	Phase 5 Design	\$40,000	\$40,000	\$62,000					1		†	†		T
SVIGALS	Phase 6 Design	\$10,000	\$10,000	\$12,000										
LONGIGIT	CM Construction	\$2,246,471	\$2,500,404	\$2,654,805	\$2,724,987	\$2,726,263	\$2,673,945	\$2,583,346	\$2,469,779	52,348,555	52,234,987	52,144,388	52,092,070	
CONSIGN	On-Site Services	\$198.668	\$221.124	\$234,779	\$240,985	\$241,098	\$236,471	\$228,459	\$218,416	\$207,695	\$197,652	\$189,640	\$185,013	548,230
CTV I DBM	OPM	\$15.700	\$15,700		\$15,700	\$15,700	\$15,700	\$15,700	\$15,700	\$15,700	\$15,700	\$15,700	\$15,700	\$15,700
SIATORIA														
											-	_		
TOWN EXPENSES											†			
Land Use		\$3,000	\$1,000	\$1,000	\$1,000					1			+	I
11tility Connections				\$85,000								1		
orman common fundament		¢2 000	000 C\$	\$2,000	\$2,000	\$2.000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	22,000	\$2,000
legai		72,000	200,170		65 200	00C 25	\$5 200	\$5,200	\$5.200	\$5,200	\$5,200	\$5,200	\$5,200	\$2,500
Clerk of the Works		32,2UU	72,400		007/56	20,400	2010							L
Special Inspections		\$55,000	\$15,000	\$15,000	\$15,000						000	2000	000	
Multivista		\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	53,000	23,000	000,66	
4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0								\$250,000				\$250,000	
Playground Equipment	Luase o									\$150,000			\$150,000	\$80,000
FF&E	Phase 5										\$150.000		\$150,000	
Technology	Phase 5						+							
					-	42 000 000	2000 200	¢7 050 105	67 086 ABS	42 754 SSD	\$2,630,939	\$2.382.328	\$2.875.383	\$170,830
Sub-Total		\$2,612,539	52,846,928	53,123,984	\$3,030,272	100,010,64	37/906/76	24,000,100	10000170	2000000	0000	621 430	696 361	
Contingency @3%		\$78,376	\$85,408	\$93,720	\$90,908	\$90,470	\$88,761	\$85,803	\$89,595	582,637	2/8/378	3/1/4/0	102,000	
TOTAL		\$2,690,915	\$2,932,336	\$3,217,704	\$3,121,180	\$3,106,131	\$3,047,477	\$2,945,908	\$3,076,090	\$2,837,187	\$2,709,867	\$2,453,798	\$2,961,644	1 \$170,830
										F				
							\$18,115,743						\$16,984,494	

SANDY HOOK ELEMENTARY SCHOOL Sandy Hook Connecticut

FIRM	Aug-16	Sep-16	Oct-16	TOTAL
PROFESSIONAL SERVICES		2		
SVIGALS	\$22,400	\$22,400	\$22,400	\$391,700
SVIGALS				\$142,000
SVIGALS				\$32,000
CONSIGI				\$29,400,000
CONSIGLI	\$48,230	\$48,230	\$48,230	\$2,792,920
STV DPM	\$15,700	\$15,700	\$6,800	\$242,300
TOWN EXPENSES				
Land Use				\$6,000
Utility Connections				\$82,000
Legal	\$2,000	\$2,000	\$2,000	\$32,000
Clerk of the Works	\$2,000	\$2,000		\$68,900
Special Inspections				\$100,000
Multivista				\$36,000
Playground Equipment				\$500,000
FF&E	\$150,000			\$530,000
Technology	\$150,000	\$190,000		\$640,000
Col. Total	6390 330	\$280 330	\$79.430	\$34,998,820
Contingency @3%				\$1,022,337
TOTAL	4390 330	\$280.330	\$79,430	\$36,021,157

NEWTOWN HIGH SCHOOL AUDITORIUM RENOVATIONS PROJECT TIMELINE

TASK	TIMEFRAME
Full Occupancy and Use of the Auditorium	December 1, 2016
Substantial Completion and School starts to move in	November 1, 2016
Start Major Construction Activities	June 2016
Order Long Lead Items and start low impact site specific work	March 2016
Award Construction Contract	January 2016
Negotiate and Award Construction Contract	December 1, 2015 to January 1, 2016
Receive Construction Bids	December 1, 2015
Release Bid Documents	November 1, 2015
Approvals from local, state and OSF	October 15, 2015
Construction Documents submitted to local, state and OSF	September 15, 2015
Construction Documents complete	September 15, 2015
Start Construction Documents	June 15, 2015
Design Approvals Received	June 1, 2015
Design Phase	March 15, 2015
A/E Contract Approval and Award	March 1, 2015
A/E Selected and contracts submitted to Town Attorney	February 1, 2015
A/E Interviews	January 15, 2015
A/E RFP received	January 1, 2015
A/E RFP Advertised	December 15, 2014