

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 Tuesday, August 23, 2016 at the Reed Intermediate School. Chairman Robert Mitchell called the meeting to order at 7:05 p.m.

PRESENT: Robert Mitchell, Thomas Catalina, Thomas Hanlon, Anthony D'Angelo

ABSENT: Rick Matschke, Peter Samoskevich, Roger Letso, Jim Juliano, Phil Clark

ALSO PRESENT: Chairman Emeritus Joe Borst, Clerk of the Works William Knight, Geralyn Hoerauf from STV/Diversified Project Management, Aaron Krueger from Consigli, Julia McFadden from Svigals & Partners, Chuck Boos from Kaestle Boos, Kent McCoy from Smith Edwards McCoy Architects, Michele Hiscavich, NHS Music Department Chair, Tom DiMauro from Newfield Construction and one member of the press

APPROVAL OF MINUTES OF July 26, 2016.

Mr. Mitchell moved to approve the minutes of the July 26, 2016. Second by Mr. Catalina. All in favor.

PUBLIC PARTICIPATION: None.

EDMOND TOWN HALL BOILER REPLACEMENT

Status

Mr. Boos reported that the project is going well and is on schedule. Mr. Knight and Mr. Catalina were there today; it is going to be a clean and well organized boiler room. Mr. Catalina meets with the Edmond Town Hall Manager each day and things are going very smoothly.

ETH Boiler Replacement Invoices

Mr. Catalina moved to recommend approval of Kaestle Boos invoices #1505101-5, #003, #1505101-6, and #1505101-7 in the amounts of \$907.50, \$1,033.00, \$312.50 and \$7,442.50 respectively. Second by Mr. Hanlon. Motion passed.

Mr. Catalina moved to recommend approval of Brooks Environmental Consulting invoice #160003-2 in the amount of \$4,800.00. Second by Mr. Hanlon. Motion passed.

Mr. Catalina moved to recommend approval of West State invoice #3 in the amount of \$109,630.00. Second by Mr. Hanlon. Motion passed.

NHS AUDITORIUM RENOVATIONS PROJECT

Status

Mr. Mitchell reviewed the revised Construction Documents and all the redlines were picked up.

Mr. McCoy reported:

- Revised Construction Documents including scope modifications to defer all theater equipment, rigging, audio visual, and stage lighting to a future project phase, were delivered to PBSC on August 18th.
- A constructability review has been conducted by Newfield.
- The construction documents package is under review by Pierz Associates for code compliance.
- The construction documents will be forwarded to the building official and fire marshal for review and approval.
- A Pre-bid Conformance Review meeting the Office of Construction Grants and State approval process will proceed.
- Auditorium seating samples have been delivered to the BOE offices for test seating; a presentation of proposed finishes and color selection is still to be scheduled with the Owner's team.
- Construction is projected to begin in November and a projected project timeline is attached.

Mr. DiMauro reported that an estimated contingency of \$80,000.00 is in the budget which is very minimal. Concerns were raised at last month's meeting with respect to making sure construction in Phase 1 allows for potential changes/additions in Phase 2. Safety improvements were added back into catwalk in Phase 1. Rigging galleries and rigging support are not in these documents; however, the steel can be shown as an alternate to be added in Phase 2.

A request for additional services from Smith Edwards McCoy was tabled at last month's meeting until construction documents were 100% complete.

Mr. D'Angelo moved to recommend approval of Smith Edwards McCoy Architects request for additional services in the amount of \$25,300.00 now that documents are complete. Second by Mr. Catalina. Motion passed.

Mr. Mitchell motioned to accept the Newtown High School Auditorium Construction Documents. Second by Mr. Hanlon. Motion passed.

RESOLVED THAT: The Construction Documents for the Town of Newtown, High School Auditorium Renovations, dated June 28, 2016 for the State of Connecticut Project Number 097-CPPP, as prepared by Smith Edwards McCoy Architects be accepted by the Public Building and Site Commission for submission to the State of Connecticut Office of School Construction Grants, for their review and approval, for the purpose of allowing this phase of the project to be released for bidding. The Construction Documents encompass 28 drawings as enumerated on sheet A0.01,

dated June 28, 2016, and the associated Construction Document Specifications dated June 28, 2016.

Mr. Mitchell motioned to accept the Newtown High School Construction Cost Estimate for submission to the State of Connecticut Office of Construction Grants. Second by Mr. Catalina. Motion passed.

RESOLVED THAT: The 100% Construction Documents Cost Estimate for the Town of Newtown, Newtown High School Auditorium Renovations, dated June 29, 2016 for the State of Connecticut Project Number 097-CPPP, as prepared by Smith Edwards McCoy Architects and Newfield Construction Co., Inc., pages 1 through 12 be accepted by the Public Building and Site Construction for submission to the State of Connecticut Office of School Construction Grants for their review and approval.

NHS Auditorium Invoices

Mr. Catalina moved to recommend approval of Newfield invoice #1 in the amount of \$34,500.00. Second by Mr. D'Angelo. Motion passed.

Mr. Hanlon moved to recommend approval of DPM invoice #90007544 in the amount of \$6,440.00. Second by Mr. Catalina. Motion passed.

Mr. Mitchell signed the EDO forms required for plan and estimate submission to the State.

SANDY HOOK ELEMENTARY SCHOOL

Status

Mr. Krueger reported:

- Punchlist items are almost complete; flooring is one of the last ones.
- Security training will be going on tomorrow.
- The District has fully occupied the building and construction is substantially complete. The school will be open on August 24th for Staff Development Days.
- Change requests have increased the overall construction cost but are within the contingency amount. To date, contingency draws total approximately 1.98% of the original GMP contract amount.
- The most significant work yet to be completed is the installation of tile at the cistern. The materials did arrive on Friday. The exterior will be prepared next week so that tile installation can proceed.
- A request from residents on Crestwood and the Town Engineer for additional drainage work and improvements to the landscape are under review.
- Community Open Houses will be going through August 23rd and the project continues to be well received by the community.
- Furniture installation is virtually complete.
- Technology is in and working except for 1 additional request.

Review Change Order Log

Mr. Krueger reviewed change requests:

- **CR149** – Grading Revisions – To better accommodate future development of parking area islands, the two areas were regraded and some plantings eliminated. This resulted in a change of \$2,471.47.
- **CR164** – Whiteboard and Tackboard Relocations – In 16 classrooms, the white board is located above/behind teacher’s desk. To create a more usable Teaching Wall the locations of the white boards and bulletin boards will be switched so that all boards are behind the teacher desk. This resulted in a change of \$5,939.89.
- **CR165** – Repaint Accent Wall Room 101F – Due to a drawing coordination issue, the projection wall in the Administrative Conference Room was specified as blue but needs to be white. This resulted in a change of \$454.10.

Mr. D’Angelo made a motion to approve the following change order requests – CR149, CR164, and CR165 totaling \$8,858.46. Second by Mr. Catalina. Motion passed.

Ms. Hoerauf asked for approval of 2 change requests: Additional Technology quote for bid package #39 by The Ergonomic Group in the amount of \$3,605.00; Additional FFE quote for replacement of classroom chairs in the amount of \$6,919.56. There will be a \$6,310.44 credit provided for the return of the smaller chairs.

Mr. Catalina moved to recommend approval of the Additional Technology quote and Additional FFE quote totaling \$8,858.46. Second by Mr. D’Angelo. Motion passed.

Sandy Hook School Invoices:

Mr. Catalina moved to recommend approval of Svigals invoice #01360.00-36 in the amount of \$69,121.70. Second by Mr. Hanlon. Motion passed.

Mr. Hanlon moved to recommend approval of DPM invoice #90007541 in the amount of \$15,544.00. Second by Mr. Catalina. Motion passed.

Mr. D’Angelo moved to recommend approval of Consigli’s invoice #35 in the amount of \$535,022.54. Second by Mr. Catalina. Motion passed.

STATUS OF NHS “ROOF” LEAKS & REPAIR OPTIONS: Mr. Mitchell met with the Town Attorney and Bob Tait and given the project will be under \$50,000.00, they are able to proceed with engaging a firm to provide a design with construction cost, followed by full A/E documentation for bidding. KBA will be requested to submit a proposal.

COMMUNITY CENTER:

Status

The Advisory Committee had a conference call with the Sports Facility Advisors to review operational performance and will finalize the numbers and proceed.

REVIEW OF TOWN/BOE INITIATED PROJECTS: Mr. Mitchell will no longer be attending the CIP meetings as a representative of PBSC for the BOE because it is outside the scope of the PBSC, unless directly requested by the BoS.

UNFINISHED BUSINESS: None.

The next regular meeting is scheduled for September 27, 2016.

ADJOURNMENT

Mr. Catalina made a motion to adjourn the meeting at 8:11 p.m. Second by Mr. D'Angelo. Meeting adjourned.

Respectfully submitted,

Ann M. LoBosco, Clerk

Newtown High School Auditorium Renovation Project
Project Status Update
August 23, 2016



Newtown High School Auditorium Renovation

- Revised Construction Documents including scope modifications to defer all theater equipment, rigging, audio visual equipment, and stage lighting and controls to a future project phase, were delivered electronically to the PBSC August 15th and in hard copy on August 18th
- A constructability review has been conducted by Newfield and comments forwarded to SEMA for incorporation into the construction documents
- The construction documents package is currently under review by Pierz Associates for code compliance
- Once the Pierz Associates report is available, the construction documents and third-party review report will be forwarded to the building official and fire marshal for review and approval
- After the above approvals have been received, the project team will schedule a Prebid Conformance Review meeting with the Office of School Construction Grants and the State approval process will proceed

- Auditorium seating samples have been delivered to the BoE offices for test seating, including seating similar to that installed at the Middle School auditorium. Cost estimates of the seating choices will be evaluated against the budget and a selection will be made in collaboration with school staff
- A presentation of proposed finishes and color selections is still to be scheduled with the Owner's team

- Construction commencement is currently projected for November after State review period, PBSC authorization to bid, subcontractor bidding, contract award and preconstruction mobilization
- A projected project timeline is attached

- *The construction documents require review and approval by the PBSC at the regular meeting on August 23rd. If approved, the package will be forwarded to the BoE for review and acceptance at their Sept. 6th meeting. Both approvals are required prior to review by the State OSCG*



TOWN OF NEWTOWN
PUBLIC BUILDING AND SITE COMMISSION
NEWTOWN HIGH SCHOOL AUDITORIUM RENOVATION
PROJECT TIMELINE
 August 23, 2016

DATE	Milestone Activity	COMMENTS
May 19	Grant Application Submitted	
June 13	100% CDs Cost Estimate Submitted by Newfield	
June 24	Project Scope Redefined	Owner's Team Meeting: Superintendent, District Staff, HS Staff, PBSC Chair, OPM
June 29	Cost Estimate & ICW Submitted to OSCG	Grant Application completed
Aug. 9 – Aug. 23	Review by Pierz Associates for code compliance	ICC Checklist needed for OSCG PCR
Aug. 12	Repackaged CDs due from SEMA Team Final construction documents available for distribution to PBSC	One phase; all theater equipment deferred to later project (2017)
Aug 16 – Aug 26	Local AHJ review and sign-off	
Aug. 23 PBSC Mtg	Review and approve Phase 1 documents for submission to OSCG	Sign ED042
Sept. 6 BoE Mtg	Review and approve Phase 1 documents for submission to OSCG	Sign ED042
Sept. 7 – Sept. 10	Schedule Prebid Conformance Review Meeting at OSCG	
Sept. 13 – Sept. 14	OSCG reviews and issues approval to bid	
Sept. 15 – Oct. 10	Construction Bid Period	
Oct. 10 – Oct. 18	Evaluate bids and conduct scope reviews	
Oct. 18	Distribute contract award recommendation to PBSC for review	
Oct. 25 PBSC Mtg	Approve contract award and GMP	
Oct. 26 – Nov. 4	Execute contract(s) & mobilize	
Nov. 7	Construction begins	
May 15 2017	Substantial Completion	Temporary Certificate of Occupancy



MEMORANDUM

To: Smith Edwards McCoy Architects
Kent McCoy
From: Mark Reber
Date: August 3, 2016
Project: Newtown High School
Auditorium
cc:
JH # 15-0825
Subject: Acoustic Improvements

Kent,

The following summarizes planned improvements to the natural acoustics of the auditorium:

The primary factors contributing to the less-than-ideal natural acoustics in the existing auditorium are:

1. A lack of desirable reverberation due to the relatively low geometric volume of the audience chamber, and the further application of sound absorptive panels on the side walls. Also, reverberation varies considerably depending on the degree of occupancy due to the non-upholstered seats.
2. Poor projection of natural sound from the stage and front of the auditorium to the center and rear seating areas. Poor sound distribution results from the shaping and orientation of the wall and ceiling surfaces particularly in the critical area just forward of the proscenium wall. These surfaces favor reinforcement of direct sound to the side and upper portions of the auditorium only, rather than an even distribution. The relatively large distance between the stage and rear seating areas is also a factor contributing to weak sound.

The planned renovation incorporates the following features to address the above factors:

1. The ceiling is removed in the rear of the audience chamber to increase the overall geometric volume and related reverberation, and to compensate for added sound absorption due to new upholstered seating. Sound absorptive panels on the side walls are also removed.
2. Replacement of seating with upholstered type will minimize variation in reverberation due to degree of occupancy.
3. The position, orientation, and shaping of new wall and ceiling surfaces in the front of the auditorium will improve reinforcement and projection of natural sound from the stage and front of the auditorium.

Certain characteristics inherent to the auditorium will remain, such as the relatively long physical distance between the stage and rear seating areas, and thus some types of programming will require amplification. Nevertheless, the renovations will make significant improvements to the

reverberant characteristics of the room, and the projection and reinforcement of direct sound from the stage and front portions of the auditorium to the seating areas.

We trust this information will be useful. If you have any questions, don't hesitate to contact us.

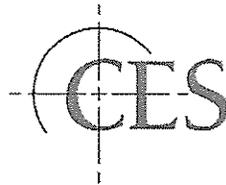
A handwritten signature in black ink that reads "Mark Reber". The signature is written in a cursive, flowing style.

Mark Reber, Principal

Mechanical, Electrical and
Fire Protection Systems
Basis of Design Narrative

Newtown High School
Auditorium Renovations
12 Berkshire Road
Newtown, CT 06482

August 16, 2016



Prepared by:

Consulting Engineering Services, Inc.

811 Middle Street, Middletown, Connecticut, 06457

CES PN 2015342.00

OVERVIEW:

The following describes the proposed mechanical, electrical and fire protection systems, which shall serve the proposed new addition and alterations to the Auditorium within Newtown High School in Newtown, CT

Mechanical, Electrical, Plumbing, and Fire Protection systems shall be in accordance the current Building Code of the State of Connecticut.

APPLICABLE CODES AND STANDARDS:

- 2003 International Building Code (IBC) with 2005 Connecticut Supplement
- 2009 Amendment to the Connecticut State Building Code
- 2003 International Mechanical Code
- 2003 International Fire Code
- 2009 International Energy Conservation Code
- NFPA 70 National Electrical Code 2014 Edition
- 2003 NFPA 101 Life Safety Code
- 2005 Connecticut Fire Safety Code
- 2009 Amendment to the Connecticut State Fire Safety Code
- 2010 Connecticut State Fire Prevention Code

FIRE PROTECTION SPRINKLER SYSTEM

The sprinkler system in the Auditorium area will be modified for the new renovations. The existing mains shall remain and new branch piping will be provided for the new layout as necessary.

- Sprinklers shall be concealed, fully recessed in finished areas with ceilings.
- Quick response sprinkler heads shall be used in light hazard locations. Sprinklers, unless noted otherwise, shall have a ½" orifice and a 165°F temperature rating.
- Piping for the sprinkler system shall be steel pipe, ASTM A 53; Schedule 40 seamless carbon steel with threaded fittings. Sprinkler piping shall be installed above ceilings and concealed within chases where applicable.
- Grooved fittings shall be allowed also. Grooved fittings shall be ANSI A21.10 ductile iron; ASTM A47 grade malleable iron. Couplings shall be ASTM A 536 ductile iron or malleable iron housing, EPDM gasket with nuts, bolts, locking pin, locking toggle or lugs to secure roll grooved pipe and fittings.

MECHANICAL SYSTEMS

1. Auditorium Seating Area

- The Auditorium Seating Area will be served by two (2) packaged rooftop units (RTU-1 & RTU-2). Each unit shall be 20,000 CFM with a Hot Water Heating and Direct Expansion (DX) Cooling. RTU's shall be rated at 54 Tons Cooling and 540,000 BTU Heating. Units shall have multiple compressors and first compressor shall be variable speed for modulation.

RTU shall have both supply and return fans. All fans shall be plug fans and unit shall have multiple fans for redundancy. RTU casing shall be double wall. Rooftop Unit shall be model IntelliPak by Trane or approved equal. The unit will also incorporate demand control ventilation which will modulate the amount of outside air to the space based on occupancy and CO₂.

2. Auditorium Stage Area

- The Auditorium Stage Area will be served by one (1) packaged rooftop units (RTU-3). This unit shall be 4,500 CFM with a Hot Water Heating and Direct Expansion (DX) Cooling. RTU's shall be rated at 12.5 Tons Cooling and 150,000 BTU Heating. Units shall have multiple compressors and first compressor shall be variable speed for modulation. RTU shall have both supply and return fans. All fans shall be plug fans and unit shall have multiple fans for redundancy. RTU casing shall be double wall. Rooftop Unit shall be model IntelliPak by Trane or approved equal. The unit will also incorporate demand control ventilation which will modulate the amount of outside air to the space based on occupancy and CO₂.

3. Heating Piping

- a. The hot water piping serving the new RTUs shall be copper. The piping will tie into the existing hot water distribution system within the Auditorium Area. The existing boilers and pumps in the main Heating Plant shall remain.

4. Motors

- All motors (fan and pump) 3 HP and larger shall be high efficiency and provided with VFD.

5. Controls

- All new RTUs shall be tied into existing base building controls.
- Controls contractor shall provide new front end graphics
- Controls contractor shall provide all programming for new operation.
- The system shall monitor occupancy sensing devices to control the amount of outside air being brought in to each classroom to assist in energy conservation.

Code Compliance

- All systems will be designed to code compliance for percentage of outside (fresh) air and will exceed requirements stated in ASHRAE 90.1, 2007, International Mechanical Code, 2009 International Energy Code as well as ASHRAE 62.1.

Materials and Methods

1. Include the following basic materials and methods of construction:

- All ductwork and accessories shall meet SMACNA standards. After installation of duct is complete third party shall clean all ductwork.
- Provide all HVAC equipment with extra set of filters.

- Seismic restraints shall be designed and installed as required per State of Connecticut Building Code and Fire Safety Code which requires the seal of a licensed professional engineer. Abovementioned professional engineer will be required to verify installation is correct and complete per seismic code. This includes piping, ductwork, equipment, and equipment bases.
- Provide glass fiber insulation for all hydronic piping and ductwork. Insulation shall be installed to meet the Energy Code.
- Provide firestopping around mechanical penetrations in accordance with fire stopping requirements. System shall be capable of maintaining against flame and gases. System shall be UL listed and comply with ASTM E814.
- Provide mechanical identification for mechanical systems. Identification shall comply with ANSI A13.1.
- All pipe connections shall be installed to allow for freedom of movement of the piping during expansion and contraction without springing. Swing joints, expansion loops and expansion joints with proper anchors and guides shall be provided where shown.
- Provide vibration isolation for hydronic piping, ductwork, and equipment.
- Hydronic piping 2 1/2"φ and under shall be Type L copper. Piping 3" and over shall be ASTM A 53; Schedule 10 black steel pipe with welded, flanged or grooved joints.
- All equipment served by hydronic piping shall have isolation valves on the supply and return lines. Isolation valves shall also be provided at branch take-offs.

ELECTRICAL SYSTEMS

Auditorium Power Distribution System

New Power feed for the Auditorium is from an existing 1000A, 208/120V, 3phase, 65KAIC circuit breaker located in the existing 4000A, 208/120V, 3phase Square "D" switchboard. The switchboard is located in the Main Electrical Room on the lower level.

Routing of the feeders from the main switchboard to the 1000A, 208/120V, 3Ph, distribution panel located in the auditorium area are to be run above the accessible ceiling in the existing corridor on the lower level.

1. Include the following:

- 3 parallel sets of 4#500Kcmil, #2/0Gnd, (3)4" conduits. Re-use existing set of 4#500Kcmil, #2/0Gnd, 4"C as one of the parallel sets.
- 1000A, 208/120V, 3Ph, 65,000AIC Distribution Panel for Auditorium lighting and control.
- 4#2/0, #6Gnd, 2"C from existing 150A, 208/120V, 3Ph circuit breaker in existing main switchboard to isolation transformer disconnect switch.
- 4#2, #8Gnd, 1 1/2"C from Existing 100A, 208/120V, 3Ph circuit breaker in existing main switchboard to 100A, 208/120V panelboard.
- All conductors shall be copper.

The addition shall be provided with panelboards, transformers and feeders as follows. Unless otherwise noted panels will be located within instrument storage:

- 45kva isolation transformer and associated disconnects to be located in storage room for audio/visual panelboard and equipment.
- 100A, 208/120V, 3phase, 4wire main circuit breaker panelboard for miscellaneous receptacles and equipment loads.

Branch circuits shall be installed in EMT conduit. Type MC cable shall be limited to concealed spaces above finished ceilings or drywall type partitions after first device. EMT conduit shall be used to the first device in a branch circuit and shall be used in all masonry or CMU partitions.

- Circuits for all HVAC equipment as required. 120V Wiring to control panels, control transformers, etc shall be provided by the electrician while low voltage control wire shall be included in division 23.
- Circuits for shop equipment as required.
- General convenience receptacles within Shop and Storage areas.

Fire Alarm System

The addition shall be equipped with fire alarm initiating and notification devices as required by code and circuited to existing addressable fire alarm control panel for the building. Voice evacuation shall be provided throughout the addition. Manual pull stations shall be installed in the egress paths at exterior doors in the addition. Audible and visual signaling devices shall be installed in addition as required. Existing fire alarm audible and visual signal devices and voice evacuation panel within the Auditorium / Stage area will be relocated and supplemented to accommodate the new renovated configuration.

The system shall include the following equipment:

- Speaker/strobe units with voice evacuation amplifiers, expansion cards to connect into existing addressable system.
- Monitoring modules for sprinkler tamper and flow switches in the new addition.
- Signal to BMS system for fan shut-down, and damper actuation on alarm condition.
- All fire alarm system wiring shall be plenum rated fire alarm MC cable where concealed and EMT conduit with type THHN wire where exposed.
- Smoke damper (smoke detector) connection to the fire alarm system where ductwork passes through smoke rated walls

Lighting Systems

1. Emergency lighting shall be accomplished using emergency generator and emergency power distribution system to illuminate the means of egress pathways as required.

2. Exit signs will be self-contained, universal mounted, LED illuminated, low energy usage fixtures.
3. Typical illumination levels include:
 - a. 15fc - Storage room, and stage area (general illumination).
 - b. 50fc – Shop Area
4. The following fixtures will be provided:
 - LED 1x4' acrylic wrap around fixtures in storage room or spaces without finished ceilings.
 - Ceiling mounted occupancy sensors shall be provided in shop area and all remaining areas.
 - Emergency powered luminaires shall be provided in all egress paths and at exterior of egress doorways and in assembly and other areas where required by code.
 - All egress doors leading directly to the exterior of the building shall have 2-array, 2-driver fixtures mounted above.
 - 8" diameter recessed LED downlight fixture in auditorium for house lights.
 - Illuminated low level exit signs and handicapped accessible exit signage shall be provided where required by code.

Materials and Methods

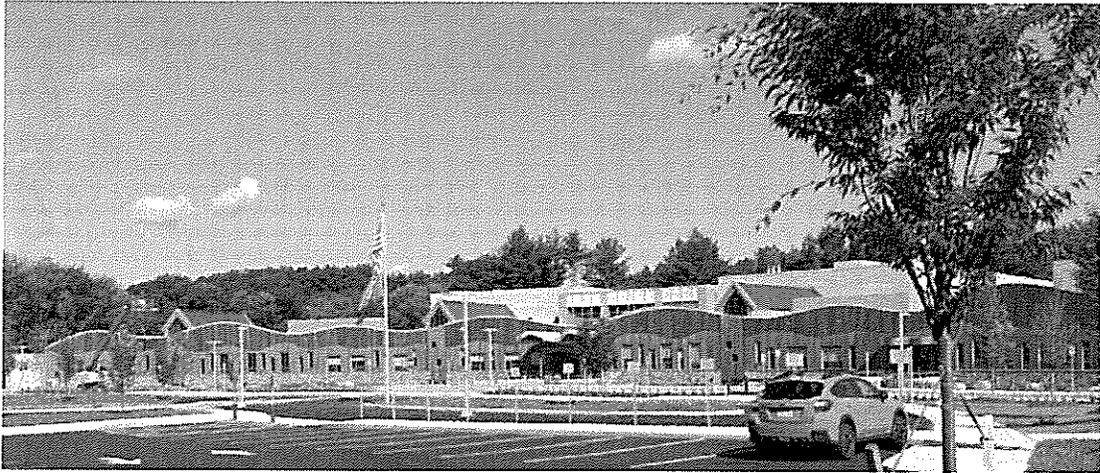
1. Include the following basic materials and methods of construction:
 - Wiring shall be THHN/THWN copper, installed in EMT conduit for general circuits.
 - Type MC cable shall be used above accessible ceilings and within partitions.
 - Devices shall be specification grade, NEMA 5-20R etc.
 - Devices for the A/V system shall be hospital grade with isolated ground.
 - Disconnect switches shall be fusible heavy-duty type. NEMA 1, or 3R as required for locations installed.
 - Circuit breakers shall be fixed element, thermal magnetic type.
 - Panelboards shall have copper bussing, with hinged, lockable, door-in-door trim.
 - Branch circuit breakers shall be bolt-on type.
 - All conduits, circuits and devices shall be labeled.
 - Conduits below slabs shall be schedule 40 PVC, with rigid steel conduit sweeps.

Energy Conservation

1. All new equipment specified shall be designed per the latest International Energy Conservation Code.
2. Through the use of the building management system (BMS), occupied/ unoccupied cycles shall be established to avoid unnecessary energy consumption.

Code Compliance

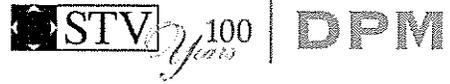
1. All electrical systems will be designed in accordance with the State of Connecticut Building Code, the State of Connecticut Fire Code, Americans with Disabilities Act and the National Electrical Code (2014 edition), 504 and UFAS.



Sandy Hook Elementary School

Newtown, CT

**Monthly Report
to the Public Building and Site Commission
August 23, 2016**

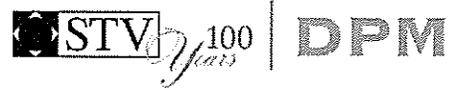


Sandy Hook Elementary School
Newtown, CT

Monthly Report – August 23, 2016

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	b) Change Request Log 8/17/2016	
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	e) Updated FFE & Technology Budget Tabulation 8/17/2016	
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	g) Additional FFE Quote/PO for approval – 2nd Grade Chairs	



**Sandy Hook Elementary School
Newtown, CT**

Monthly Report – August 23, 2016

1) Executive Summary

The District has fully occupied the building and construction work is substantially complete. Punch list resolution is ongoing. There is no pending work that would prevent the school from opening on August 24th for Staff Development Days.

“Day 2” requests for additional work have been received and are evaluated on an individual basis against the remaining budget.

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. To date, contingency draws total approximately **1.98%** of the original GMP contract amount. To date there remains \$980,000 in owner’s contingency (2% of the project cost).

Opportunities

The most significant work yet to be completed is the installation of tile at the cistern. Tile selection was delayed until March and with delivery by commercial shipping from overseas, the materials have yet to arrive at a US port. The exterior of the cistern will be prepared next week so that tile installation can proceed immediately upon receipt

In response to a request from residents on Crestwood and a site visit by the Town Engineer, the need for additional drainage work and improvements to the landscaping are under review by the project team.

The District and the Town scheduled additional Community Open Houses at the site through August 22nd. The project has been well received by the community and continues to receive positive press coverage.



2) **Activities this period (May 19 – June 21)**

a) **Construction Phase**

i. **Change Requests and Contingency Transfer**

The following Change Requests have been reviewed and approved by the project team. The total for change requests this month is \$8,858.46:

CR149 – Grading Revisions: To better accommodate future development of parking area islands, the two areas were regraded and some plantings eliminated. This revision resulted in a change in the amount of \$ 2,471.47

CR164 – Whiteboard and Tackboard Relocations: In 16 classrooms, the white board is located above/behind the teacher’s desk. To create a more usable Teaching Wall the locations of the bulletin boards and white boards will be switched so that all bulletin boards are behind the teacher desk. This revision resulted in a change in the amount of \$ 5,939.89

CR165 – Repaint Accent Wall Room 101F: Due to a drawing coordination issue, the projection wall in the Administrative Conference Room was specified as blue but needs to be white. This revision resulted in a change of \$ 454.10

ii. **Owner-Supplied Vendors**

A portion of the playground safety surface in the Pre K/K playground required replacement as the depth of the subsurface was not sufficient for the potential fall-hgt of the play component. This was punch list work completed under the original contract

iii. **Neighborhood Relations**

As a response to issues raised by residents on Crestwood Drive, the project team is evaluating minor drainage revisions at the south property line. The project team and the Town are also considering additional seeding and maintenance in the right-of-way along Crestwood.

b) **FFE and Technology Installation Phase**

i. **FF&E**

Work is complete with two remaining punch list items to be resolved: ganging mechanism at the cafeteria tables and the replacement of a damaged storage unit for the Teacher Desk in Rm 149.



After installation of all classroom furniture it was determined that the student chairs specified for the 2nd grade classrooms were too small (seat hgt of 13" vs. 15"). Svigals has arranged for all 108 chairs to be replaced prior to the start of school, with the additional cost limited to the difference in the price of the two chair sizes.

ii. Technology

Work is complete on all classroom AV systems and on the network equipment installation. The phone system is complete, however wall-mount equipment specified was incorrect and replacement pieces are required to complete the installation of handsets.

The security system has been tested and evaluated as complete by DVS with minor punch list work outstanding.

3) Project Budget

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. The budget has been reconciled with Town records for expenditures through August 4, 2016.

4) Approvals Anticipated by PB&SC

a) At the August 23rd Meeting:

- i. Construction Change Requests in the amount of \$8,858.46
- ii. Additional Technology quote for bid package #39 by The Ergonomic Group in the amount of \$3,605.00
- iii. Additional FFE quote for replacement classroom chairs in the amount of \$6,919.56 (pending credit of \$6,310.44 for the return)

5) Attachments

- a) Project Budget dated August 18, 2016
- b) Consigli Construction Change Request Log dated August 17, 2016
- c) Consigli Construction CR149 dated May 17, 2016
- d) Consigli Construction CR164 dated August 16, 2016
- e) Consigli Construction CR165 dated August 17, 2016
- f) Construction Contingency Log, dated August 17, 2016
- g) Updated FFE and Technology Budget Tabulation, dated August 17, 2016
- h) Technology Quote from The Ergonomic Group dated August 12, 2016
- i) Furniture Quote from Virco, Inc. dated August 10, 2016

ITEM DESCRIPTION	FIRM NAME	CONFIRMED CONTRACT VALUE	PROPOSED ADDITIONAL COSTS	CURRENT TOTAL BUDGET	NOTES
Pre-Project Costs				\$ 54,865	
Appraisals	Andrews & Galvin 9/5/2013	\$ 2,600			
	Arnold Grant Assoc. 11/14/2013	\$ 2,800			
	Kloss Appraisal Services	\$ 2,500			
Site Surveys	Brautigam Land Surveyors PC	\$ 27,639			
Site Signage	East Coast Sign	\$ 3,237			
Tank Removal	Moran Environmental	\$ 16,089			
Professional Fees				\$ 5,474,962	
Owners Project Manager	DPM	\$ 734,294			
OPM Reimbursables	DPM	\$ 16,528	\$ 8,472		
Architect	Svigals + Partners	\$ 3,076,867			
Architect Add Services	Svigals + Partners	\$ 467,816			
Architect Reimbursables	Svigals + Partners	\$ 109,135	\$ 6,231		
Commissioning Agents	OLA & SES	\$ 171,500			
Haz Mat Consultant	RW Bartley	\$ 80,818			
Environmental Engineers	TRC	\$ 126,311			
Legal	Town Attorney	\$ 129,301			
Clerk of the Works	Bill Knight	\$ 132,527			
Local Review for State Approval	Pierz Associates	\$ 18,500			
Special Inspections & Testing	Michael Horton Assoc Inc	\$ 13,500			
	IMTL	\$ 99,815			
	Langan Engineering	\$ 98,000			
	Titan Engineering	\$ 7,426			
CM - Preconstruction	Consigli Construction Co Inc	\$ 177,922			
Construction				\$ 42,321,361	
Phase 1&2 - Abatement	Bestech	\$ 1,122,841			
Phase 1&2 - Demolition	Bestech	\$ 763,055			
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			
Phase 3 - Site Construction	Consigli Construction Co Inc	\$ 6,696,773			
Phase 4 - Building Construction	Consigli Construction Co Inc	\$ 32,889,849			thru CO 16
Phase 6 - Playground Equipment	M.E. O'Brien, Playground Medic	\$ 424,922			
Utility Costs	Eversource	\$ 36,403			
	Aquarion Water	\$ 24,662			
	Charter & ATT	\$ 1,255			
Builders Risk Insurance	The Hartford	\$ 49,895			
Construction Photo Documentation	MultiVista	\$ 66,500			
School Sign	Unlimited Signs	\$ 397			
FFE & Technology		\$ 1,159,099	\$ 3,605	\$ 1,162,704	
Integrated Art Design		\$ 5,582		\$ 5,582	
Subtotal				\$ 49,019,474	
Contingency				\$ 980,526	2.00% remaining
Phase 4 - Submitted Change Requests				\$ 8,858	
Phase 4 - Potential Change Requests				\$ 40,006	
Total Project Budget				\$ 50,000,000	



1279 Sandy Hook School

Number	Date	Description	Amount	CO
CHANGE REQUESTS				
Not issued				
'CR999	03/31/15	Additional Bond Costs	20,325.00	
CR086	10/06/15	RFI 296 - Protective Covers on Temp/CO2 Sensors	0.00	
CR126	03/01/16	Bulletin 35 - Site signage	0.00	
Not issued Total			20,325.00	
Potential				
CR087	10/06/15	RFI 303 - Toilet Room 200B Clarifications (Price pending)	764.33	
CR130	03/08/16	RFI 462 Fire Wall Firestopping Detail (Price pending)	4,345.45	
CR136	04/05/16	RFI 512 - Music Room Acoustical Wall Panel Layout (price pending)	0.00	
CR150	05/24/16	Bulletin 45 - Front Canopy Coping Details	13,267.63	
CR153	06/08/16	RFI 564 Room 139 Oven-Cooktop Power (ESTIMATED)	1,303.63	
CR162	08/05/16	Bulletin 48 - Lobby Bridge Railing Extension (Estimate)	34,636.45	
CR163	08/05/16	Bulletin 51 - Stairs S01 and S02 Guardrail and Gate Extension (Estimate)	3,250.38	
CR166	08/17/16	Delete Concrete Crosswalks	0.00	
Potential Total			57,567.87	
Submitted				
CR149	05/17/16	Island Tree and Grading Revisions	2,471.47	
CR164	08/16/16	Markerboard and Tackboard Locations	5,932.89	
CR165	08/17/16	Delete the accent wall in Conference Room 101F	454.10	
Submitted Total			8,858.46	
Approved				
CR001	11/10/14	Water Main to the Senior Center	15,767.45	1
CR002	03/20/15	Bulletins #3 and #4_Sitework Only	32,767.71	1
CR003	12/08/14	Preconstruction Survey - 11 Washington St.	536.51	1
CR004	02/03/15	Bulletin #3 & #4_Site Electrical	53,391.27	3
CR005	02/03/15	RFI 14 - Basement Footing Revisions	14,817.52	1
CR007	02/17/15	Bulletin #1 - Steel and Sitework	6,486.52	2
CR008	02/20/15	Retaining Wall #4 Over Excavation	16,282.37	2
CR009	02/23/15	ASI #3R - EW-2 Revisions	27,698.87	4
CR010	03/03/15	Elevator Beam and Pit Ladder Credit	-1,651.00	2
CR011	03/17/15	Bulletin #2 - SKS-4 Thermal Isolation Pads	9,511.09	2
CR012	03/24/15	Building Geometry - Steel Detailing - RFI 26 & 29, SKA-001R	14,905.96	2
CR014	03/24/15	RFI 18 - Treadwell Park Irrigation Infrastructure	25,487.83	2
CR015	03/24/15	RFI 50 - A wing foundation wall elevation	3,404.65	4
CR017	03/24/15	ASI 002 - Wood Ceiling Details	20,160.65	4
CR018	06/16/15	ASI 004 - Acoustical Panel Revisions	15,495.85	3
CR019	03/31/15	Bulletin #5 - Rainwater Storage Tank Removal & Ext Wall Insulation	-9,127.14	7
CR020	04/20/15	Radiant Floor Heating - PreK & K Wing	143,233.41	2
CR021	04/20/15	RFI 63 Revisions - Folding Partition Structural Steel	1,286.25	2
CR022	04/28/15	Bulletin #6 - Elevator power revisions (S0 change)	0.00	3
CR023	04/28/15	Bulletin #9R - Music Room Revisions	68,611.08	4
CR025	04/28/15	Bulletin 29 - Walk in cooler & freezer quarry tile	7,131.96	9
CR026	05/19/15	Bulletin #2R - Detail 8/A4.00	21,886.40	4
CR027	05/20/15	RFI 94 - Acoustical Ceiling at Platform 154 Ramps	2,330.24	3
CR028	06/18/15	RFI 126 - Relieving Angle Clarification	49,738.81	3
CR029	06/02/15	Bulletin #10 - Treehouse Modifications	13,006.99	3
CR031	06/02/15	RFI 132 - Gym Veneer Framing at the Platform	4,563.69	3
CR032	06/16/15	Ballistic Entrance Manufacturer Change	5,318.33	4
CR033	06/16/15	Roofing Work - GMP Adjustment for PVC Roof Alternate	-10,000.00	3
CR034	06/16/15	RFI 103 - Exterior railing material thickness	6,795.20	4
CR035	06/23/15	Bulletin 17 - Additional Roof Access Ladders	18,533.31	4
CR036	06/23/15	Derrick 13 & 14 - Additional Steel Hangers	4,758.26	4



Change Request Log by Status

Consigli Construction Co., Inc.

Date: 08/17/16

1279 Sandy Hook School

Number	Date	Description	Amount	CO
CHANGE REQUESTS (continued)				
Approved (continued)				
CR038	06/23/15	RFI 145 & 146 - Light Fixture Revision, AW04	12,714.77	5
CR040	06/30/15	Bulletin 14 - Sound System Revisions (rough-in only)	2,670.28	7
CR041	06/30/15	Dickinson Power Infrastructure	4,721.22	4
CR042	07/07/15	RFI 60 - Electrical Room 125 wall revisions	-588.30	4
CR044	07/14/15	Bulletin 15 Wall Fire Safing	3,695.67	5
CR045	07/10/15	RFI 192 Sunshade Support Steel at 12 ft Windows	9,169.97	4
CR046	07/17/15	RFI 206 Brick Support Steel at the Gable Roofs	2,758.27	5
CR047	07/17/15	RFI 197 Parapet Insulation at the Gym North Wall	4,916.61	4
CR048	07/09/15	Bulletin 13 - Corridor C200 Ceiling Modification	10,399.24	5
CR049	07/17/15	RFI 195 Fire Barrier Clarification at the Classroom Wing	1,837.58	9
CR050	07/17/15	Bulletin 34 - Decorative Concrete at the Entry Bridge	7,365.72	13
CR051	07/17/15	RFI 202 Spray Foam at Posts in lieu of Isolation Pads	9,443.19	7
CR052	08/11/15	RFI 224 Posts Below Curtain Wall	2,736.54	5
CR053	08/11/15	Bulletin 16 & Bulletin 18 - Minor HVAC Revisions	-3,126.90	7
CR054	08/11/15	Bulletin 20 - Kitchen Rough-in Clarifications	2,014.11	6
CR056	08/12/15	RFI 229 - Roof Deck Support at Column Line 8	739.81	5
CR058	08/18/15	RFI 250 - Extend slab edge at roof	1,416.61	6
CR059	08/18/15	RFI 251 Canopy Beam Penetration	948.39	6
CR060	08/18/15	RFI 247 - Structural Support for Interior Gable Windows	4,005.42	7
CR061	08/18/15	Bulletin 19 - Workroom Modifications	6,035.96	7
CR062	08/25/15	Bulletin 21 - Misc Interior Finish Updates	0.00	10
CR063	08/25/15	RFI 147 - Corridor ceiling height revision	5,105.70	6
CR064	09/01/15	RFI 264 - Grout 2nd Floor Corridor Walls	4,258.53	6
CR065	09/08/15	Bulletin 24 - Radio Communications Infrastructure	5,102.32	8
CR066	09/08/15	RFI 249 - Gym Wall Coordination	864.74	8
CR068	09/14/15	Lower Tube Steel at Admin Area Interior Window (pre-approval received)	2,189.02	7
CR069	09/14/15	Millwork Core Material	-3,326.00	6
CR070	09/15/15	RFI 271 - Weathervane Support Steel	3,082.01	7
CR071	09/15/15	RFI 272 - Delete AW04 Fixture in C100E	-2,557.00	7
CR072	09/15/15	Credit Back CR011 - Bulletin #2, SKS-4	-9,511.09	6
CR073	09/15/15	Bulletin #17R2 - Reduction to 1 Additional Roof Hatch	-7,660.00	8
CR074	09/15/15	Bulletin 22R - Millwork/Furniture Coordination	22,710.01	8
CR075	09/15/15	RFI 292 - Fire Barrier Within Interior Soffit At Wall Type EW-2 (pre-approval received)	2,947.66	7
CR076	09/22/15	RFI 305 Add Tube Lintel - C Line Between 20 and 20.2 (pre-approval received)	6,256.36	7
CR078	09/29/15	RFI 153 Fire Protection Seismic Bracing Credit	-3,500.00	7
CR079	09/29/15	RFI 281 - Site Wall 2A & 2B Revisions	-43,579.00	9
CR080	10/06/15	RFI 273 - Delete wing walls at the lobby roof	-1,667.38	11
CR083	10/06/15	RFI 290 - Flooring Attic Stock - Carpet & Resilient	6,281.33	9
CR084	10/06/15	RFI 268, RFI 292, Bulletin 30 - Lobby Ceiling Lighting and Electrical	9,951.22	10
CR088	10/06/15	RFI 312 - Added lintel at Administration 101 (pre-approval received)	4,442.12	7
CR089	10/06/15	RFI 313 - 2nd Floor Column Enclosure	1,696.07	9
CR090	10/13/15	RFI 333 - Toilet Room Wall Tile/Fire Alarm Coordination	-2,251.04	13
CR092	11/03/15	Window Sill Extensions - Additional Caulking	4,436.07	9
CR093	11/03/15	Bulletin 25 - Phase 3 - Play Area Modifications	8,924.45	13
CR094	11/03/15	Bulletin 26 - 2nd Floor Lobby Curtain Wall Glass Film	13,872.38	10
CR095	11/03/15	Bulletin 27 - Delete Kindergarten Appliances	-8,160.00	9
CR097	11/03/15	RFI 317 - C Wing Treehouse Steel Location	3,891.34	9
CR098	11/03/15	RFI 338 - Membrane Flashing at the Wood Frame (EW-2)	11,830.47	10
CR099	11/17/15	RFI 352 - Roof Access Stair at Door 201C	6,055.38	9
CR101	11/24/15	RFI 325.1 Gable Fixture Mounting Surface (detail modified)	2,887.55	13



1279 Sandy Hook School

Number	Date	Description	Amount	CO
CHANGE REQUESTS (continued)				
Approved (continued)				
CR102	11/24/15	RFI 371 & Bulletin 30 - Revised Circulation Desk Lights	139.06	11
CR103	12/01/15	Bulletin 31 - Cistern Tile Revisions	16,751.68	11
CR105	12/01/15	Bulletin 28 - Ductwork Revisions - D Wing	5,439.47	9
CR106	12/08/15	RFI 348 - Spray Foam at the Gable/Building Interface	936.99	9
CR107	12/08/15	Treehouse Column Cap Nuts	1,846.81	9
CR108	12/09/15	Cafeteria - Cable operated volume dampers	5,249.05	9
CR109	12/22/15	RFI 375 - Revised Corridor Elevations	2,242.20	10
CR110	12/22/15	Bulletin 33 - Operators, hardware power and ballistic walls	66,316.53	10
CR111	12/22/15	RFI 365 - Grab Bar Revisions	1,180.72	10
CR112	12/22/15	RFI 405 - Cabinet Unit Heater in Vestibule 100	198.81	10
CR113	01/12/16	RFI 156 - Delete Climbing Wall Pads	-576.00	10
CR114	01/12/16	RFI 363 - Ballistic Pad at Vestibule 113	466.05	11
CR115	01/26/16	Exterior Basketball Hoop - Install Hoops Provided by Others	-973.00	11
CR116	01/26/16	RFI 395.2 Acoustical Panel Modifications at the Platform	609.43	13
CR117	01/26/16	RFI 454 - Faucet for the kettle (Item #22)	945.13	11
CR118	01/26/16	RFI 439 - Front Wing Wall Foundation Modification	13,085.21	11
CR120	02/02/16	RFI 437 - Paint the Platform Exposed Structure & Mechanicals	3,213.18	11
CR121	02/02/16	RFI 443 - Lobby Bridge 2nd Floor Opening Head Detail	1,166.44	15
CR122	02/23/16	Canopy and Entry Light Fixture Custom Color Trim Ring	2,295.48	11
CR123	02/23/16	RFI 466 - Exterior Classroom Number Signage	2,416.50	11
CR124	03/01/16	RFI 457 - Fire extinguishers in the kitchen	642.23	12
CR125	03/01/16	RFI 449.1 Main Entry Bridge Headwall	1,379.67	13
CR127	03/01/16	Bulletin 36 - Classroom 206 Return Duct Opening	2,771.31	13
CR129	03/04/16	Reduce acoustical ceiling attic stock	-8,735.00	12
CR131	03/08/16	RFI 452 & 452.1 Slab infill at treehouse curtain walls	2,405.20	12
CR134	03/29/16	RFI 507 - Spray foam at Vestibule 151 and Treehouses	1,001.28	13
CR135	04/05/16	RFI 271.1 REVISED Weathervane Mounts	884.30	13
CR137	04/05/16	RFI 514 - Nurse's Lock Box Credit	-469.00	14
CR139	04/05/16	RFI 529 - Fire Lane Curb Transitions	3,036.37	13
CR140	04/19/16	Bulletin 40 - Hooks in the gym storage	2,012.15	13
CR141	04/26/16	Planting Revisions	-1,833.50	16
CR142	05/03/16	RFI 538 - Kitchen Wall Coverings	8,834.21	14
CR143	05/10/16	Bulletin 41 - OT/PT Swing Structure - Rooms 117 & 145	3,529.13	16
CR144	05/10/16	RFI 546 Plenum Returns	7,309.85	14
CR146	05/10/16	Bulletin 44 Climbing Wall Revisions	6,279.79	15
CR147	05/10/16	RFI 513 - Additional Door Signage	533.27	14
CR148	05/17/16	RFI 545 Treehouse Cove Light	3,912.32	16
CR151	06/08/16	RFI 568 Exterior Gale Horns	2,475.96	16
CR152	06/08/16	RFI 567 Elevator Machine Room Door - 60 Minute Rating	434.54	15
CR154	06/08/16	RFI 523 Kitchen Floor Transitions	707.89	15
CR155	06/08/16	RFI 562 Trim at Lintels Spanning Corridor Openings	2,916.09	15
CR156	06/08/16	RFI 543 AX10 Mounting Tenon	5,674.78	16
CR157	06/08/16	RFI 565 Stairwell Signage	784.22	15
CR158	06/15/16	RFI 563 Lobby Art Panel Infill	4,879.58	15
CR159	06/21/16	Bulletin 46 & 49R Twistlock Receptacles in Data Closets (Preliminary Price)	8,488.82	16
CR161	06/21/16	Bulletin 43 - Vestibule 124 Canopy Lighting	2,947.30	16
Approved Total			897,329.92	
CHANGE REQUESTS TOTAL			984,081.25	



CONSIGLI

Change Request Log by Status

Consigli Construction Co., Inc.

Date: 08/17/16

Original Contract Amount:	38,867,186.00
Approved Contract Changes:	897,329.92
Revised Contract Amount:	39,764,515.92



CONSIGLI

Est. 1905

Change Request

To: Robert D. Mitchell
Town of Newtown
Ph: (203)264-2206

Number: CR149
Date: 5/17/16
Job: 1279 Sandy Hook School
Phone:

Description: Island Tree and Grading Revisions

We offer the following specifications and pricing to make the changes as described below:

Revise the grading and tree layout at the two parking lot islands flanking the parent drop off loop per the revised landscape sketches dated 5/17/16. It was agreed per an email on 5/17/16 that the grading and tree layout revisions would be made as part of the project. This change request includes costs for grading the areas, providing additional fill as needed and for a reduction in the overall number of trees.

Note: Bond costs are excluded from this change request and will be reconciled upon completion of the project per State change order procedures.

Description	Labor	Material	Equipment	Subcontract	Other	Price
Landscaping				\$-1,160.00		\$-1,160.00
Sitework - RCO #21				\$3,435.00		\$3,435.00
					Subtotal:	\$2,275.00
			CM Mark-Up	\$2,275.00		\$166.53
			Permit (Education Fee only)	\$2,441.53		\$0.63
			General Liability Insurance	\$2,442.16		\$29.31
					Total:	\$2,471.47

SCHEDULE IMPACT

We have proceeded with this change to achieve schedule.

As directed, we will not proceed with this change until formal direction from OWNER is received.

Svigals + Partners
ARCHITECT
84 Orange Street
New Haven, CT 06510

Consigli Construction Co., Inc.
CONTRACTOR
100 Allyn Street, 4th Floor
Hartford, CT 06103

Town of Newtown
OWNER
3 Primrose Street
Newtown, CT 06470

(Signature)
Julia McFadden

(Signature)
Aaron Krueger

(Signature)
Robert D. Mitchell

By

By

By

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

100 Allyn Street, 4th Floor, Hartford, CT 06103 • phone: 860-741-9850 • fax: 860-741-9858 • web: www.consigli.com
Hartford CT • Portland ME • Milford MA



CONSIGLI
Est. 1905

Change Request

To: Robert D. Mitchell
Town of Newtown
Ph: (203)264-2206

Number: CR164
Date: 8/16/16
Job: 1279 Sandy Hook School
Phone:

Description: Markerboard and Tackboard Locations

We offer the following specifications and pricing to make the changes as described below:

Change the location of the markerboards and tackboards in the following rooms: 116, 119, 120, 123, 128, 131, 132, 141, 144, 204, 208, 209, 213, 216, 218, 221. The board locations will be swapped so that the markerboards are closer to the corridor side of the room, and the tackboards are closer to the exterior side of the room. This change is as requested by the school.

The costs included with this change request is based on work during normal working hours and does not include premium time, evenings or weekends.

Note: Bond costs are excluded from this change request and will be reconciled upon completion of the project per State change order procedures.

Description	Labor	Material	Equipment	Subcontract	Other	Price
Finish Carpentry				\$4,343.08		\$4,343.08
Drywall Patching				\$736.18		\$736.18
Painting				\$382.00		\$382.00
					Subtotal:	\$5,461.26
			CM Mark-Up	\$5,461.26		\$399.76
			Permit (Education Fee only)	\$5,861.02		\$1.52
			General Liability Insurance	\$5,862.54		\$70.35
					Total:	\$5,932.89

SCHEDULE IMPACT

We have proceeded with this change to achieve schedule.

As directed, we will not proceed with this change until formal direction from OWNER is received.

Svigals + Partners
ARCHITECT
84 Orange Street
New Haven, CT 06510

Consigli Construction Co., Inc.
CONTRACTOR
100 Allyn Street, 4th Floor
Hartford, CT 06103

Town of Newtown
OWNER
3 Primrose Street
Newtown, CT 06470

(Signature)
Julia McFadden

(Signature)
Aaron Krueger

(Signature)
Robert D. Mitchell

By

By

By

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

100 Allyn Street, 4th Floor, Hartford, CT 06103 • phone: 860-741-9850 • fax: 860-741-9858 • web: www.consigli.com
Hartford CT • Portland ME • Milford MA



CONSIGLI

Est. 1905

Change Request

To: Robert D. Mitchell
Town of Newtown
Ph: (203)264-2206

Number: CR165
Date: 8/17/16
Job: 1279 Sandy Hook School
Phone:

Description: Delete the accent wall in Conference Room 101F

We offer the following specifications and pricing to make the changes as described below:

Paint the accent wall in Conference Room 101F paint color PT-1 in lieu of the originally scheduled color PT-10. This will eliminate the accent wall in this room.

Note: Bond costs are excluded from this change request and will be reconciled upon completion of the project per State change order procedures.

Description	Labor	Material	Equipment	Subcontract	Other	Price
Painting				\$418.00		\$418.00
					Subtotal:	\$418.00
			CM Mark-Up	\$418.00		\$30.60
			Permit (Education Fee only)	\$448.60		\$0.12
			General Liability Insurance	\$448.72		\$5.38
					Total:	\$454.10

SCHEDULE IMPACT

We have proceeded with this change to achieve schedule.

As directed, we will not proceed with this change until formal direction from OWNER is received.

Svigals + Partners
ARCHITECT
84 Orange Street
New Haven, CT 06510

Consigli Construction Co., Inc.
CONTRACTOR
100 Allyn Street, 4th Floor
Hartford, CT 06103

Town of Newtown
OWNER
3 Primrose Street
Newtown, CT 06470

(Signature)
Julia McFadden

(Signature)
Aaron Krueger

(Signature)
Robert D. Mitchell

By

By

By

Date

Date

Date

Consigli Construction Co., Inc.

Construction Managers and General Contractors

100 Allyn Street, 4th Floor, Hartford, CT 06103 • phone: 860-741-9850 • fax: 860-741-9858 • web: www.consigli.com
Hartford CT • Portland ME • Milford MA

Construction Contingency Log
1279 Sandy Hook School

Date: 08/17/16

Number	Date	Description	Amount
Not issued			
CT998	06/09/15	General Conditions Forecast Tracking - BT002	100,579.00
CT999	06/09/15	Additional Bond Costs - Construction Contingency	4,800.00
		Not issued Total	105,379.00
Potential			
CT011	10/30/15	Oct 28 2015 Storm	4,043.79
CT014	12/17/15	RFI 387 Masonry Control Joints	6,000.00
CT022	02/02/16	Classroom Entry Soffit Light Framing	1,000.00
CT023	02/02/16	Additional Treehouse Roof Blocking	1,200.00
CT024	02/02/16	Out Of Sequence Frame Grouting	8,500.00
CT026	02/23/16	Waterproof Lobby Roof Electrical	3,500.00
CT028	03/07/16	RFI 419 Gable Sill Detail	2,200.00
CT029	03/07/16	Projector Blocking	6,500.00
CT031	03/24/16	Expedite Booster Pump	3,579.50
CT032	03/24/16	Gable Shade Power Location	3,000.00
CT035	04/12/16	RFI 520 Beam Penetrations	250.00
CT036	04/15/16	Roof Patching for Weathervane Mounts	1,500.00
CT039	05/03/16	Floor infills	1,600.00
CT041	05/10/16	Irrigation Booster Pump Underground Shut-off Valve	2,626.14
CT045	05/25/16	RFI 57 Base in Room 153A	300.00
CT046	06/08/16	RFI 518.1 Service Canopy Deck	750.00
CT047	06/08/16	RFI 434 Caulk Field Stone to Stampcrete	1,130.66
CT048	06/08/16	RFI 551 Administration Soffit	3,000.00
CT049	06/08/16	RFI 528 Conf Room 105 and 109 Soffits	2,700.00
CT050	06/08/16	Gable Light Cove Extension	1,100.00
CT051	06/09/16	Treehouse Soffit AVB	5,000.00
CT052	06/16/16	Weed Maintenance	3,680.00
CT055	07/05/16	Elevator Heat Detector	900.00
CT056	07/05/16	Toilet Room 157 Signs	600.00
CT057	07/14/16	Add analog phone jacks and relocate library data	830.00
CT058	07/20/16	Power connections for exterior network switches	1,200.00
CT059	07/20/16	Paint cafeteria soffit per Bulletin 21	500.00
CT060	08/16/16	RFI 365 Split Grab Bar Locations	750.00
CT061	08/16/16	RFI 527 Vestibule 124 AVB	1,500.00
		Potential Total	69,440.09
Submitted			
CT006	08/11/15	Sunshade Bracket Fabrication	21,896.00
CT025	02/23/16	Ceiling Layout - RFI 471 & 477	9,640.80
CT027	03/03/16	RFI 386 Cafeteria Window Returns	2,160.00
CT030	03/11/16	Premium Time Work	21,736.65
CT033	04/05/16	Change Lobby Spandrel to Tempered	7,362.00
CT034	04/12/16	Concrete Pads at Gym Entry	293.00
CT037	04/15/16	Gable and Lobby Sprinkler Layout Modifications	6,197.01
CT038	04/16/16	Concrete Foundations for Barrier Arm Gates	1,455.00
CT040	05/04/16	Field Office Relocation Labor	3,846.08
CT042	05/16/16	Floor wax material upgrade	1,876.00
CT043	05/18/16	Flue Firestopping Detail	2,347.50
CT044	05/18/16	RFI 560 Epoxy Paint Floors	6,755.00
CT053	06/27/16	Room 139 Wall Oven Filler	443.80
CT054	07/05/16	Install paper towel and soap in kitchen	345.81
CT062	08/16/16	Mail Sorter - Add filler piece at soffit	759.34
CT063	08/16/16	Millwork Cleanout Cover	251.75
		Submitted Total	87,365.74
Approved			
CT001	06/09/15	RFI 128 - Relocated steel to coordinate with a chase	9,435.00

CT002	06/30/15	RFI 143 - Front wall downspout boots	7,818.47
CT003	07/07/15	Ceiling Type 7 Finish	645.00
CT004	07/17/15	Metal Strap at GFRC Sill	3,530.68
CT005	08/04/15	Framing Material Thickness at Sunshade Bottom Brackets	36,821.13
CT007	08/25/15	Cut/patch Sheathing at the Sunshade Brackets	4,753.50
CT009	09/29/15	Factory 1st coat seal wood siding	4,500.00
CT010	10/30/15	Expedite Masonry Veneer	19,800.00
CT012	10/30/15	Gym Curtain Wall Jamb Flashing	10,467.00
CT013	11/24/15	Added Roof Frames - A Wing	1,764.00
CT015	12/22/15	Lobby Sprinkler Revisions	3,020.55
CT016	01/12/16	Spandrel Glass Color	15,305.00
CT017	01/19/16	Deck penetration at Vestibule 151	1,512.00
CT018	01/19/16	Lobby sconce column penetrations	3,023.00
CT019	01/19/16	Infill at stairs and walk-in coolers	863.00
CT020	01/19/16	RFI 422 Door 108 & 137C lintels	868.00
CT021	01/19/16	RFI 416 Spray foam at treehouses	1,725.00

Approved Total:	125,851.33
Original Contingency Amount:	686,095.00
Approved Contingency Items:	125,851.33
Remaining Contingency Amount:	560,243.67
Pending Contingency Items:	262,184.83

CONTINGENCY TOTAL **298,058.84**



ITEM DESCRIPTION	FIRM NAME	INITIAL CONTRACT VALUE	CHANGE REQUESTS	PURCHASE ORDER	CURRENT CONTRACT TOTAL	Invoices	Date Approved
FFE - State Contract	Creative Library Concepts	\$ 67,946	\$ 24,862		\$ 610,478	6169	7/21/2016
	Insalco	\$ 107,086			65815	6090	7/1/2016
	Red Thread	\$ 164,969			66558	579472	
	Robert H Lord	\$ 70,016			66557	580668	7/13/2016
	Virco Inc	\$ 60,358			66556	32257	7/18/2016
	WB Mason	\$ 114,432	\$ 809		66554	32257a	7/18/2016
					66555	32257b	8/3/2016
						91692301	8/3/2016
FFE - Bid Award	WB Mason	\$ 130,755	\$ (5,658)		\$ 125,097		
Technology - State Contract							
	Apple Inc	\$ 33,650			\$ 183,068	4382992336 4383324043 4384088560 637746-637787 637744 637800 648301 638303-638341	5/12/2016
	Valley Communications	\$ 149,174			66605		
	Valley Communications	\$ 244			66604	638017	8/16/2016
Technology - Bid Award							
	The Ergonomic Group	\$ 177,577			\$ 240,455	898749 899350 899351 900688	6/22/2016 7/19/2016 7/16/2016
	P230328	\$ 9,781					
	P230440	\$ 1,005					
	P230511a	\$ 3,969					
	P231678	\$ 1,464					
	P232377	\$ 1,672					
	The Ergonomic Group	\$ 25,938			67327	900687 900989	
	The Ergonomic Group	\$ 13,605					
	WB Mason	\$ 5,444			67265	900988 900990	7/25/2016 7/25/2016
					66812		
Total Approved and Issued					\$ 1,159,099		
Pending					\$ 3,605		
Project Budget					\$ 1,170,000		

Phone wall mounts



Equipment for Educators™

QUOTATION #8129798

Shipping To: SANDY HOOK ELEMENTARY SCHOOL

Item #	Supplier/Model #	Description	Unit Price	Qty	Extension
1	Virco Inc #ZCANT15	Chair, Zuma® Series, Cantilever Legs, 15" H Seat, Nylon Glides - (94 ea Soft Plastic->Blueberry Frame->Chrome)	\$64.07	94	\$6,022.58
2	Virco Inc #ZCANT15	Chair, Zuma® Series, Cantilever Legs, 15" H Seat, Nylon Glides - (14 ea Soft Plastic->Blueberry Frame->Chrome)	\$64.07	14	\$896.98
					\$6,919.56

[Handwritten Signature]
 Aug 10, 2016

Town of Newtown
 3 Primrose Street
 Newtown, CT 06470-2394
 (203) 270-4221

DATE	PURCHASE ORDER NUMBER
8/10/2016	71535
AMOUNT	ACCOUNT CODE
\$6,919.56	1-155-17-900-5800-1038

PURCHASE ORDER

VIRCO, INC.
 PO BOX 5000
 CONWAY, AR 72032

SHIP TO:
 FINANCE
 NEWTOWN MUNICIPAL CENTER
 3 PRIMROSE STREET
 NEWTOWN, CT, 06470

Purchase Terms and Conditions

1. All invoices must be sent to the Ship To address.
2. Town of Newtown is tax exempt under Conn. Statutes
3. All vendors must have a W9 on file prior to payment
4. All invoices, inquiries, and packing slips must reference PO number
5. If actual price exceeds PO amount notifications and approval must be obtained prior to shipment.

Vendor Phone Vendor Fax Vendor Code T38080

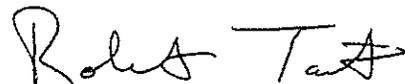
SHIP VIA	ATTENTION: tait	# Attachments 0
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ITEM	QUANTITY	DESCRIPTION	Unit Price	TOTAL PRICE
1	94.00 Each	100 chairs per quotation # 8129798; WORK IS TO BE PERFORMED UNDER STATE OF CONNECTICUT CONTRACT 14PSX03023	\$64.07	\$6,022.58
2	14.00 Each	14 chairs per quotation # 8129798; WORK IS TO BE PERFORMED UNDER STATE OF CONNECTICUT CONTRACT 14PSX03023	\$64.07	\$896.98
TOTAL				\$6,919.56

Special Instructions:

PURCHASE ORDER AUTHORIZATION

If checked, payment is with this order.



Finance Director

VENDOR COPY



2027 HARPERS WAY, TORRANCE, CA 90501
HIGHWAY 65, SOUTH, CONWAY, AR 72032

August 10, 2016

Sandy Hook Elementary School
School Construction Project
c/o Lynn Brotman Interior Design
12 Dickenson Drive
Sandy Hook, CT 06482

To Whom It May Concern:

Virco will be issuing a credit to the Sandy Hook Elementary School construction project in the full for the cost of (108) ZCANT13's; in the amount of \$6,310.44. This credit memo will be issued at the time when we receive the unused and returned (108) ZCANT13's.

Two separate invoices will be issued for:

- the new (108) ZCANT15's being ordered
- the shipping and handling, restocking and labor incurred for the return of the 108 ZCANT13 chairs.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Erika L. Emmelmann'.

Erika L. Emmelmann
Territory Sales Manager
Virco Inc.
1-800-448-4726 ext. 1526
Cell: 860-729-3351