

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, March 22, 2016 at the Reed Intermediate School. Vice Chair Thomas Catalina called the meeting to order at 7:00 p.m.

PRESENT: Thomas Catalina, Roger Letso, Thomas Hanlon, Rick Matschke, Joe Borst, Peter Samoskevich, Anthony D'Angelo

ABSENT: Robert Mitchell, Jim Juliano

ALSO PRESENT: Clerk of the Works William Knight, Geralyn Hoerauf from STV/Diversified Project Management, Aaron Krueger from Consigli, Michelle Hiscavich, NHS Music Department Chair, Keith Alexander, Newtown Board of Education

APPROVAL OF MINUTES OF March 1, 2016.

Mr. Samoskevich moved to approve the minutes of the March 1, 2016. Second by Mr. Hanlon. All in favor.

PUBLIC PARTICIPATION: None.

EDMOND TOWN HALL BOILER REPLACEMENT

Status

Mr. Catalina reported that funds were appropriated for the project, contracts can now be signed, and work will be started.

ETH Boiler Replacement Invoices

Mr. D'Angelo moved to recommend approval of Kaestle Boos invoice #5 in the amount of \$6,935.00.00. Second by Mr. Hanlon. Motion passed.

NHS AUDITORIUM RENOVATIONS PROJECT

Status

Ms. Hoerauf reported that the project team has been challenged this month with the direction to comply with the original CIP intent of providing a renovated auditorium space that resolves accessibility and safety issues, while also providing the means by which new lighting and AV equipment could be included in the project budget. The most current compromise is to leave the stage at its existing elevation relative to the perimeter corridors and provide ADA access through the auditorium and onto the stage. The team must still determine a means to provide access to the stage for handicapped individuals, but the end-users agree that this alternative is preferable as it reduces construction costs and will provide the opportunity to invest in needed theatrical equipment.

All duct work will be replaced. Two of the three air handlers above the stage will be refurbished; the third will be replaced with a new unit and put on the roof. This will help with acoustics as well as air flow. The control booth will be replaced to allow more space for students. Improvement to the catwalk is first on the list as an addition to the scope as the project progresses and money becomes available. The space will be easy to upgrade as needed in the future.

Mr. Catalina made a MOTION TO ACCEPT THE NEWTOWN HIGH SCHOOL AUDITORIUM RENOVATION PHASE 1 – DEMOLITION PHASE CONSTRUCTION DOCUMENTS FOR SUBMISSION TO THE STATE OF CONNECTICUT OFFICE OF SCHOOL CONSTRUCTION GRANTS. Second by Mr. D'Angelo. Motion passed.

Resolved that: The Construction Documents for the Newtown High School Auditorium Renovation, dated February 1, 2016, for State of Connecticut Project Number 097-JSLJ, Phase 1 of 2, as prepared by Smith Edwards McCoy Architects be accepted by the Public Building and Site Commission, acting as the School Building Committee for submission to the State of Connecticut Office of School Construction Grants, for the purpose of allowing this phase of the project to be released for procurement.

The construction documents encompass 5 drawings and the associated specifications, labeled Phase 1 of 2, all dated February 1, 2016.

Mr. Catalina made a MOTION TO ACCEPT THE NEWTOWN HIGH SCHOOL AUDITORIUM RENOVATION PHASE 1 – DEMOLITION PHASE COST ESTIMATE FOR SUBMISSION TO THE STATE OF CONNECTICUT OFFICE OF SCHOOL CONSTRUCTION GRANTS. Second by Mr. D'Angelo. Motion passed.

Resolved that: The Cost Estimate for the Newtown High School Auditorium Renovation, dated March 14, 2016, for State of Connecticut Project Number 097-JSLJ, Phase 1 of 2, as prepared by Newfield Construction Inc., be accepted by the Public Building and Site Commission, acting as the School Building Committee for submission to the State of Connecticut Office of School Construction Grants for their review and approval.

NHS Auditorium Invoices

Mr. Borst moved to recommend approval of Smith Edwards McCoy invoice #4 in the amount of \$52,642.34. Second by Mr. Hanlon. Motion passed.

SANDY HOOK ELEMENTARY SCHOOL

Status

Mr. Krueger reported:

- Precast curbing has been installed and stone veneer is being added to site walls at the building entrance and along Dickinson Drive. Grading continues in the area of the ballfields. Site utility work is ongoing.

- A coordination meeting has been held with the playground equipment provider and installers in preparation for delivery in April.
- A-wing: Kitchen equipment installation is complete. Polished concrete floor finish is complete. All above ceiling work in this wing has been completed and inspected and ceiling tile installation is underway.
- B-wing: Painting is complete on both levels. All carpet and resilient flooring has been installed. Lighting controls have been installed and inspected by BVH; temporary lighting has been removed.
- C-wing: Millwork installation is complete in the classrooms. Ceiling tile and lighting installation is complete. Flooring installation is complete. Lighting control installation is underway.
- D-wing: Drywall installation and taping are ongoing in the corridors. Ceiling grids are being installed in the classrooms. Painting is underway.
- Lobby curtain wall installation is complete including colored glass. Framing at stair walls and vestibules has begun. Railings have been installed at the 2nd story corridor bridge.
- On the exterior, wood siding installation has begun. The main courtyard work on the amphitheater and other site improvements is ongoing; sidewalks have been installed in the side courtyards.

Review Change Order Log

Mr. Kruger reviewed change requests:

- **CR124** – Fire Extinguisher, Kitchen: Required fire extinguishers for the Kitchen were omitted from the contract documents. This addition resulted in a change of \$642.23.
- **CR129** – Reduction in Attic Stock – Ceiling Tile: In consultation with the Director of Facilities, the decision was made to reduce the amount of acoustical ceiling attic stock from 10% of each type to one (1) carton of each type. This resulted in a credit of \$8,735.00.
- **CR131** – Slab Infill at Curtain Walls: At the second level treehouses the current slab edge location results in a small gap between the back of the curtain wall mullion and the slab. These must be filled to make the floor continuous for finish floor installation. Bent plate slab edge extensions were provided at the four curtain walls flanking each side of the treehouses. This revision resulted in a change in the amount of \$2,405.20.

Mr. Matschke made a motion to approve the following change order requests – CR124, CR129, and CR131 totaling a credit of \$5,687.57. Second by Mr. Letso. Motion passed.

Sandy Hook School Invoices:

Mr. Borst moved to recommend approval of Consigli invoice #29 in the amount of \$2,068,551.90. Second by Mr. Letso. Motion passed.

Mr. Borst moved to recommend approval of Svigals invoice #1360-31 in the amount of \$44,776.50. Second by Mr. Hanlon. Motion passed.

Ms. Hoerauf reported that at last month's meeting the Library Furniture Quote was approved, but since then the library staff and the Superintendent have requested that some shelving in the library be replaced with "browsing bins". Browsing bins enable books to be stored with their front covers facing out enabling younger students easy access. This change increases the previously approved contract by \$24,862.00.

Ms. Hoerauf asked the Commission for approval of the Furniture, Fixtures and Equipment contracts from 6 vendors (which includes the above mentioned revision to library shelving) totaling \$609,668.88.

Mr. D'Angelo made a motion to approve the FF&E contracts in the amount of \$609,668.88 contingent upon approval of the Finance Director. Second by Mr. Matschke. Motion passed.

STATUS OF NHS "ROOF" LEAKS & REPAIR OPTIONS: None.

COMMUNITY CENTER STATUS: The referendum will be held on Tuesday, April 5th at the Newtown Middle School, with voting from 6:00 a.m. to 8:00 p.m.

REVIEW OF TOWN INITIATED PROJECTS: None.

UNFINISHED BUSINESS: None.

A Special meeting of the PBSC will be held at 7pm on Tuesday, March 29 to review and act on contract awards for the balance of the Phase 5 – FF&E and Technology packages. The next Regular meeting is scheduled for April 26, 2016.

ADJOURNMENT

Mr. Samoskevich made a motion to adjourn the meeting at 9:18 p.m. Second by Mr. Letso. Meeting adjourned.

Respectfully submitted,

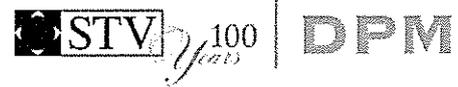
Ann M. LoBosco, Clerk



Sandy Hook Elementary School

Newtown, CT

**Monthly Report
to the Public Building and Site Commission
March 22, 2016**



**Sandy Hook Elementary School
Newtown, CT**

Monthly Report – March 22, 2016

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**Sandy Hook Elementary School
Newtown, CT**

Monthly Report – March 22, 2016

1) Executive Summary

Building and site construction continue on schedule for substantial completion at the end of May. Construction on the exterior envelope is ongoing with wood siding installation underway; all other exterior work is complete. Interior wall construction including drywall is substantially complete with work remaining only in the admin areas and library. Painting and ceiling grid installation is complete in A-, B-wings and C-wings and ceiling tile installation has begun. Flooring is complete in the cafeteria and kitchen and installation continues in the rest of the building. Drywall installation is nearing completion in D-wing. Site improvements will continue through the winter, including grading, retaining walls and the construction of concrete entrance bridges.

The project continues on schedule for a May 27, 2016 completion. 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 **1.64%** of the original GMP contract amount.

2) Opportunities

Procurement of furniture and technology, and procurement of the playground equipment are the final phases of the Project. The project team continues to work with the Town Purchasing Department obtaining competitive pricing for furniture and technology packages; selected product will be procured under State contract.

Due to the State's continuing budget crisis, the Governor's office has proposed the cancellation of the final \$2.3 million in bond appropriation for the Sandy Hook School project. The OPM and the Governor's Office have reassured the Town that they will abide by their original commitment to fully fund the rebuilding of Sandy Hook School. The local State Congressional team is monitoring the situation on the Town's behalf and the Town is confident that the State will continue to fulfill its promise.



3) **Activities this period (Feb 17 – Mar 16)**

a) **Design Phase**

i. **Furniture, Fixtures and Equipment and Technology – Phase 5**

The project team has received quotes based on State Contract pricing for 90% of the furniture for the project. The balance of the specifications has been released for bids with competitive pricing due on March 21. Quotes received to date total within 5% of the cost estimate for FF&E.

BVH is currently coordinating quotes for the portions of the technology packages that can be purchased through State Contract. The balance of the Technology specification has also been issued for bidding with bids due March 21. Recommended contract awards for both furniture and technology will be presented to the PBSC at the March 22 and April meetings for review and approval.

b) **Construction Phase**

i. **Construction Phase Progress – Phase 3**

Site work has been ongoing throughout the winter due to favorable weather conditions. All precast curbing has been installed and stone veneer is being added to site walls at the building entrance and along Dickinson Drive. Grading continues in the area of the ballfields. Site utility work is ongoing.

A coordination meeting has been held with the playground equipment provider and installers in preparation for delivery in April.

ii. **Construction Phase Progress – Phase 4**

A-wing (gym and cafeteria): Kitchen equipment installation is complete and equipment start-up has been scheduled. Polished concrete floor finish is complete through the cafeteria and back hallways, and into the main corridor. All above ceiling work in this wing has been completed and inspected and ceiling tile installation is underway.

B-wing (two-story classroom wing): Painting is complete in classrooms and corridors on both levels. All carpet and resilient flooring has been installed. Lighting controls have been installed and inspected by BVH; temporary lighting has been removed.

C-wing (two-story classroom wing): Millwork installation is complete in the classrooms. Ceiling tile and lighting installation is



complete. Ceiling grid has been completed in the classrooms and corridors. Lighting control installation is underway. All carpet and resilient flooring has been installed.

D-wing (preschool and kindergarten wing): Drywall installation and taping are ongoing in the corridors. Ceiling grids are being installed in the classrooms. Painting continues in classrooms and corridor.

Data cabling installation is ongoing through-out the building.

Lobby curtain wall installation is complete including colored glass. Framing at stair walls and vestibules has begun. Interior glass storefront walls are being installed at corridor conference rooms. Railings have been installed at the 2nd story corridor bridge.

On the exterior, wood siding installation has begun. The main courtyard work on the amphitheater and other site improvements is ongoing; sidewalks have been installed in the side courtyards.

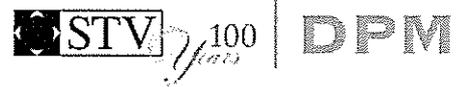
iii. Change Requests and Contingency Transfer

The following Change Requests have been reviewed and approved by the project team. The total for change requests this month is a credit of \$5,687.57:

CR124 – RFI 457 – Fire Extinguisher, Kitchen: Required fire extinguishers for the Kitchen were omitted from the contract documents. This addition resulted in a change of \$ 642.23

CR129 – Reduction in Attic Stock – Ceiling Tile: In consultation with the Director of Facilities, the decision was made to reduce the amount of acoustical ceiling attic stock from 10% of each type to one (1) carton of each type. This decision resulted in a credit in the amount of \$ 8,735.00.

CR131 – RFI 452 – Slab Infill at Curtain Walls: Field Condition: At the second level treehouses the current slab edge location results in a small gap between the back of the curtain wall mullion and the slab. These must be filled to make the floor continuous for finish floor installation. Bent plate slab edge extensions were provided at the four (4) curtain walls flanking each side of the tree houses. This revision resulted in a change in the amount of \$ 2,405.20.



iv. Owner-Supplied Vendors

Testing services and inspections continue on an as-needed basis. Final reports have been received from Langan Engineering and from Titan Engineering on the retaining wall installation. Future reports are due from MHA as the Special Inspections Coordinator.

v. Neighborhood Relations

No communications with adjacent property owners have been required this period as Riverside Road improvements are on-hold until later in the spring.

c) Other Activities

i. Project Website

The project website has been updated for February 2016:
<http://www.sandyhook2016.com/construction.html>

ii. Other Informational or Coordination Meetings

LEED coordination is ongoing on construction phase documentation and building commissioning coordination meetings are also scheduled on a regular basis.

Periodic meetings are held with District technology staff to coordinate data and cabling requirements.

iii. Additional Services Request

No additional services requests are pending this period.

iv. Donation Coordination

The project team continues to work with the Sandy Hook School Foundation on the donation of the turtle aquarium. A purchase order has been issued for the aquarium tank.

The project team continues to work with the Newtown Girls Basketball Team on the delivery of the outdoor basketball hoops. The hoops have been ordered by the Threes for Sandy Hook Foundation and delivery to the site is expected in April.

4) Programmed activities next period (Mar 17 – Apr 19)

a) Procurement Phase

i. Furniture, Fixtures and Equipment and Technology – Phase 5

Bids for both FF&E and Technology packages are due March 21. Bids will be evaluated against the specifications and the cost estimate and, combined with the State Contract awards, will be



presented to the PBSC at the March 22 and April meetings for review and approval. It is anticipated that FF&E and Technology will be available for delivery during June and July.

b) Construction Phase

i. Construction Phase Progress – Phase 3

Sitework activities will continue as scheduled on the attached 4-Week Look-Ahead. Remaining retaining walls will be completed. Stone veneer at entrance site walls will be completed. Paving activities will begin as soon as asphalt plants open for the season. Light pole delivery is expected over the next month.

ii. Construction Phase Progress – Phase 4

A-wing wood flooring in the gym and stage platform will be installed. Cafeteria wall tile will be installed and ceiling baffles will be hung. Preliminary punchlist will begin.

B-wing interior doors and hardware will be installed. Ceiling work will be completed including installation of acoustical ceiling tiles.

C-wing interior doors and hardware will be installed. Ceiling work will be completed including installation of acoustical ceiling tiles.

D-wing ceiling grid installation will be completed in corridors. Corridor flooring will be completed. Classroom millwork will be installed. Bathroom tile and classroom carpeting will be completed.

Above ceiling work will be completed at Music and Art rooms and ceiling installation will begin. Painting will continue at Administrative areas and in the Library. Interior storefront glass walls will be completed.

iii. Potential Change Requests

Future Change Requests are anticipated and a complete Change Request Log is attached to this report. Change Requests categorized as “Potential” are currently being reviewed and negotiated; the stated values are still subject to change. Change Requests listed as “Not issued” are anticipated based on RFIs and other revised construction documents. These change requests will be presented once values have been established.



c) Other Activities

iv. Project Website

The website is updated twice-monthly as construction progresses and new photographs are posted.

v. Other Coordination Meetings

Periodic LEED update meetings and commissioning coordination 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. Future, anticipated Change Requests are totaled with the Project Contingency for comparison purposes.

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 February, 2016.

Budget line items not finalized by executed contracts remain as projections only and are subject to adjustment as other line item costs become known.

6) Quality and Safety

No significant 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 March 22nd Meeting:

- i. Award of State Contract Purchase Orders for FF&E
- ii. Change Request for Library Furniture scope, as submitted by the Superintendent.



b) At the April 25th Meeting:

- i. Award of State Contract Purchase Orders for Technology
- ii. Award balance of FF&E and Technology contracts based on bid process and consultant recommendations

8) Attachments

a) Construction Schedule

- a. Four-Week Look-Ahead dated March 15, 2016
- b) **SandyHook2016.com Construction Page** for February 2016
- c) **Project Budget** dated March 16, 2016
- d) **Cash Flow Analysis**, dated March 16, 2016
- e) **Consigli Construction Change Request Log** dated March 15, 2016
- f) **Consigli Construction CR124** dated March 1, 2016
- g) **Consigli Construction CR129** dated March 4, 2016
- h) **Consigli Construction CR131** dated March 8, 2016
- i) **FFE State Contract Quote Tabulation** dated March 10, 2016
- j) **Change Request, Library Furniture PO**

Construction

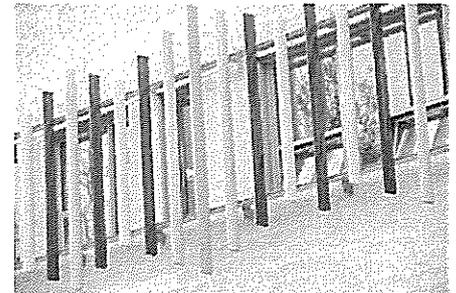
The school construction project is comprised of six phases of documentation and work:

- Phase 1 - Abatement
- Phase 2 - Demolition
- Phase 3 - Site Work
- Phase 4 - Building
- Phase 5 - Fixtures, Furnishings & Equipment (FFE)
- Phase 6 - Playgrounds

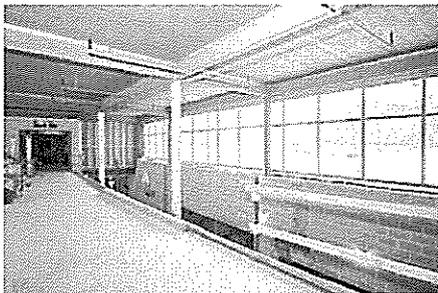
Abatement and Demolition Phases were undertaken and completed in October-November 2013. Site Work began in October 2014; and activities for the Building Phase will begin in February-March 2015. The project will be completed and ready for use in 2016, for the 2016-2017 school year.

February 2016 Forecast

- Begin flooring installation in Wing B
- Begin toilet room finishes in Wing B
- Install ceiling finishes in Wing C
- First coat paint Wing C
- Begin casework installation in Wing C
- Begin flooring installation in Wing C
- Complete drywall taping in Wing D
- Complete drywall soffits in Wing D
- Install the lobby curtain wall framing
- Continue installation of concrete site walls



Exterior Sunshades



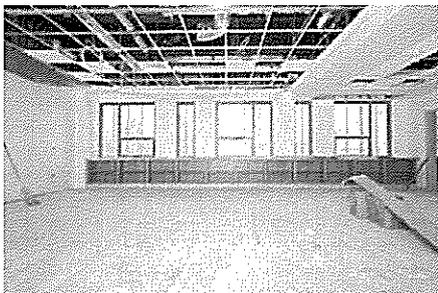
2nd Floor Lobby



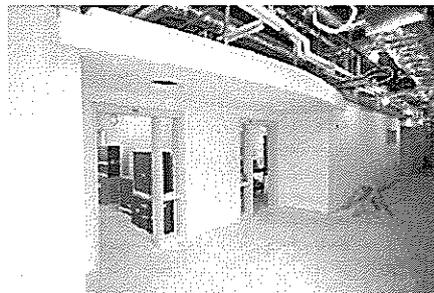
Bus Loop



Entry Bridge Walls



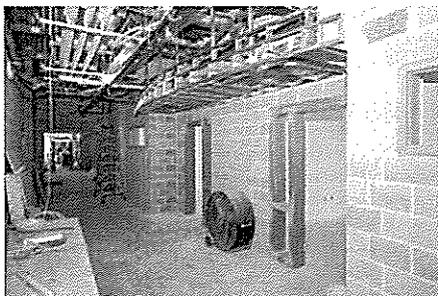
B Wing Classroom



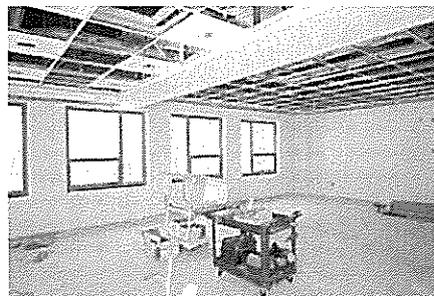
B Wing Corridor



B Wing Corridor



C Wing Corridor



C Wing Classroom

ITEM DESCRIPTION	FIRM NAME	CONFIRMED CONTRACT VALUE	PROPOSED ADDITIONAL COSTS	CURRENT TOTAL BUDGET	NOTES
Pre-Project Costs				\$ 54,465	
Appraisals	Andrews & Galvin 9/5/2013	\$ 2,600			
	Arnold Grant Assoc. 11/14/2013	\$ 2,800			
	Beecher Appraisals 6/30/2013	\$ 650			
	Kloss Appraisal Services	\$ 2,500			
Site Surveys	Brautigam Land Surveyors PC	\$ 26,589			
Site Signage	East Coast Sign	\$ 3,237			
Tank Removal	Moran Environmental	\$ 16,089			
Professional Fees				\$ 5,453,322	
Owners Project Manager	STV DPM	\$ 734,294			
OPM Reimbursables	STV DPM	\$ 14,404	\$ 10,596		
Architect	Svigals + Partners	\$ 3,136,547			
Architect Add Services	Svigals + Partners	\$ 398,336			
Architect Reimbursables	Svigals + Partners	\$ 72,541	\$ 39,959		
Commissioning Agents	OLA & SES	\$ 171,500			
Haz Mat Consultant	RW Bartley	\$ 80,052			
Environmental Engineers	TRC	\$ 126,311			
Legal	Town Attorney	\$ 128,439			
Clerk of the Works	Bill Knight	\$ 101,072	\$ 23,928		
Local Review for State Approval	Pierz Associates	\$ 18,500			
Special Inspections & Testing	Michael Horton Assoc Inc	\$ 13,183	\$ 317		
	IMTL	\$ 83,295	\$ 16,705		Estimate for Owner's testing
	Langan Engineering	\$ 88,950	\$ 9,050		
	Titan Engineering	\$ 5,676	\$ 1,774		
CM - Preconstruction	Consigli Construction Co Inc	\$ 177,894			
Construction				\$ 42,384,867	
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	Riccio Landscaping	\$ 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	\$ 32,986,238			thru CO 11
Phase 4 - Building Construction	Miles Unlimited Drywall	\$ 7,500			
Phase 6 - Playground Equipment	M.E. O'Brien	\$ 423,922			
Utility Connection Costs	Eversource		\$ -		
	Aquarion Water	\$ 23,334			
Builders Risk Insurance	The Hartford	\$ 49,895			
Construction Photo Documentation	MultiVista	\$ 66,500			
Technology			\$ 463,865	\$ 463,865	
Furniture, Fixtures, Equipment			\$ 115,900	\$ 727,831	
	State Contract - Creative Library Concepts	\$ 92,808	\$ 611,931		library shelving add
	State Contract - Insalco	\$ 107,086			
	State Contract - Red Thread	\$ 164,969			
	State Contract - Robert Lord	\$ 72,278			
	State Contract - Virco	\$ 60,358			
	State Contract - WB Mason	\$ 114,432			
Integrated Art Design			\$ 30,326	\$ 30,326	
Subtotal				\$ 49,114,676	
Contingency				\$ 885,324	1.80%
	Phase 4 - Submitted Change Requests		\$ (5,688)		
	Phase 4 - Potential Change Requests		\$ 55,413		
Total Project Budget				\$ 50,000,000	

Sandy Hook Elementary School
March 16, 2016



CASH FLOW ANALYSIS
Sandy Hook School

	Jan	Feb	Mar	April	May	June	July	August	Sept	Oct	Nov	Dec
Expenses:												
Site Costs												
Appraisals				2,200.00	2,500.00							
Site Survey	417.50			9,747.11		7,737.45	665.20		689.00	1,104.00		306.00
Legal		1,248.00	10,898.40									
Site Signage												
Tank Removal												
Professional Fees												
Owners Rep - DPM	15,732.39	15,544.00	15,712.48	15,623.35	15,715.35	15,544.00	15,544.00	15,544.00	15,544.00	15,544.00	15,603.23	15,893.00
Architect - Svgrts	64,145.00	36,147.43	96,424.56	221,196.07	43,636.94	60,297.32	59,327.77	73,298.23	57,202.02	56,014.70	29,782.09	39,316.29
Haz Mat Consultant - RW Bartley			336.00			220.50						
Environmental Engineers -TRC						788.86						
Clerk of the Works	4,096.00	4,736.00	5,120.00	7,680.00	4,896.00	4,736.00	4,736.00	4,864.00	4,480.00	6,752.00	4,768.00	4,640.00
Local Review for State Approval				18,500.00								
Special Inspections & Testing	7,418.76	5,646.25	62,643.61	15,183.75	24,381.69	20,364.00	31,535.63	12,989.00	8,644.75	9,086.73	790.00	7,206.38
CM - Preconstruction - Consigli		2,359.00	28.00									
Construction												
Abatement - Bestech	975.00											
Demolition - Total												
Building	875.00	436,918.20	285,663.67	1,440,301.58	1,395,602.68	1,797,751.66	2,656,595.00	2,086,963.38	3,498,094.21	2,100,196.97	2,432,808.00	2,434,796.08
Utility Connection Costs												
Security - Demo Phase												
Permits												
Builders Risk Insurance	49,053.00											
Multivista Photo Documentation					20,988.83	2,844.00	2,594.67	2,594.67	2,594.67	2,594.67	2,594.67	2,594.67
Voice/Data												
Academic Technology												
Furniture Fixtures & Equipment												
Furnishings												
Custodial Equipment												
Specialty												
Integrated Art/Graphics Design												
Other												
Actual EXPENSE Total:	\$ 143,612.65	\$ 602,598.88	\$ 476,826.72	\$ 1,730,433.86	\$ 1,507,621.49	\$ 1,910,848.79	\$ 2,770,002.27	\$ 2,196,253.30	\$ 3,587,248.65	\$ 2,191,293.07	\$ 2,486,345.99	\$ 2,504,752.42
Cumulative EXPENSE Total:	\$ 6,056,371.89	\$ 6,658,970.77	\$ 7,035,797.49	\$ 8,766,231.35	\$ 10,273,852.84	\$ 12,184,701.63	\$ 14,954,703.90	\$ 17,150,957.20	\$ 20,738,205.85	\$ 22,929,498.92	\$ 25,415,844.91	\$ 27,920,597.33
Monthly Bond Commission ESTIMA	\$ 595,195.00	\$ 752,491.00	\$ 1,035,892.00	\$ 1,324,437.00	\$ 1,610,884.00	\$ 1,897,330.00	\$ 2,271,886.00	\$ 2,648,332.00	\$ 3,024,778.00	\$ 3,401,224.00	\$ 3,778,670.00	\$ 4,156,116.00
Actual Reimbursement Received:	2,900,000.00		1,000,000.00		2,000,000.00	5,000,000.00						
Cumulative Actual INCOME Total:	\$ 9,400,000.00	\$ 9,400,000.00	\$ 10,400,000.00	\$ 10,400,000.00	\$ 12,400,000.00	\$ 12,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00

Sandy Hook Elementary School
March 16, 2016



CASH FLOW ANALYSIS
Sandy Hook School

	Jan	Feb	Mar	April	May	June	Line Item Total	Total Expended
Expenses:								
Site Costs								
Appraisals							\$ 5,400.00	\$ 181,665.64
Site Survey							\$ 27,638.75	
Legal		36.00					\$ 129,309.70	
Site Signage							\$ 3,237.00	
Tank Removal							\$ 16,089.19	
Professional Fees								\$ 4,674,404.23
Owners Rep - DPM	15,544.00	15,544.00	15,544.00				\$ 598,617.47	
Architect - Swigals	49,940.93	44,640.57	44,776.50				\$ 3,351,827.61	
Haz Mat Consultant - RW Barfloy							\$ 80,051.73	
Environmental Engineers -TRC							\$ 126,310.87	
Clerk of the Works	3,968.00	2,304.00					\$ 103,120.00	
Local Review for State Approval							\$ 18,500.00	
Special Inspections & Testing		874.00					\$ 209,054.55	
CM - Preconstruction - Consigli							\$ 177,922.00	
Construction								\$ 30,278,315.54
Abatement - Bestech							\$ 1,123,616.00	
Demolition - Total							\$ 949,016.03	
Building	2,460,160.26	2,634,004.77	2,068,551.90				\$ 28,081,373.22	
Utility Connection Costs							\$ 23,523.29	
Security - Demo Phase							\$ 50,734.00	
Permits							\$ -	
Builders Risk Insurance							\$ 49,855.00	
Multivista Photo Documentation	2,594.67	2,594.67	2,594.67				\$ 47,184.86	
Voice/Data							\$ -	
Academic Technology							\$ -	
Furniture Fixtures & Equipment								\$ -
Furnishings							\$ -	
Custodial Equipment							\$ -	
Specialty								\$ -
Integrated Art/Graphics Design							\$ -	
Other							\$ -	
Actual EXPENSE Total:	\$ 2,532,207.86	\$ 2,599,798.01	\$ 2,131,467.07	\$ -	\$ -	\$ -	\$ 5,912,759.24	\$ 35,134,385.41
Cumulative EXPENSE Total:	\$ 30,452,805.19	\$ 33,052,603.20	\$ 35,184,070.27	\$ 35,184,070.27	\$ 35,184,070.27	\$ 35,184,070.27	\$ 35,184,070.27	\$ 35,184,070.27
Monthly Bond Commission ESTIMA	\$ 2,945,908.00	\$ 3,076,090.00	\$ 2,387,187.00	\$ 2,709,667.00	\$ 2,453,798.00	\$ 2,961,644.00	\$ 2,961,644.00	\$ 53,693,764.00
Actual Reimbursement Received:								
Cumulative Actual INCOME Total:	\$ 17,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00	\$ 17,400,000.00



1279 Sandy Hook School

Number	Date	Description	Amount	CO
CHANGE REQUESTS				
Not issued				
'CR999	03/31/15	Additional Bond Costs	17,877.00	
CR043	07/07/15	RFI 193 Hanger Material Finish	0.00	
CR057	08/12/15	Bulletin 23 - Aquarium (Tracking Only)	10,527.57	
CR067	09/08/15	RFI 283 Magnetic Hold Opens	0.00	
CR086	10/06/15	RFI 296 - Protective Covers on Temp/CO2 Sensors	0.00	
CR121	02/02/16	RFI 443 - Lobby Bridge 2nd Floor Opening Head Detail	0.00	
CR126	03/01/16	Bulletin 35 - Site signage	0.00	
CR127	03/01/16	Bulletin 36 & RFI 486	0.00	
CR128	03/01/16	Ballistic Wall Panel Framing	0.00	
CR132	03/15/16	Wetland Drainage	0.00	
Not issued Total			28,404.57	
Potential				
CR050	07/17/15	Bulletin 34 - Decorative Concrete at the Entry Bridge (estimated)	6,816.91	
CR081	10/06/15	RFI 252 - Folding Partition Clarifications	2,884.94	
CR087	10/06/15	RFI 303 - Toilet Room 200B Clarifications (Price pending)	764.33	
CR090	10/13/15	RFI 333 - Toilet Room Wall Tile/Fire Alarm Coordination (Price pending)	0.00	
CR091	10/20/15	RFI 295 Music Room Ceiling Clarifications	0.00	
CR093	11/03/15	Bulletin 25 - Phase 3 - Play Area Modifications (Price Pending)	8,924.45	
CR101	11/24/15	RFI 325.1 Gable Fixture Mounting Surface (detail modified)	2,887.55	
CR104	12/01/15	RFI 320 - Additional Plantings at the Culvert (Hold to Spring)	6,002.14	
CR116	01/26/16	RFI 395.2 & RFI 470 - Platform Lighting and Acoustical Panels (price pending)	2,987.49	
CR125	03/01/16	RFI 449.1 Main Entry Bridge Headwall (estimated)	1,922.85	
CR130	03/08/16	RFI 462 Fire Wall Firestopping Detail (estimated)	4,345.45	
Potential Total			37,536.11	
Submitted				
CR124	03/01/16	RFI 457 - Fire extinguishers in the kitchen	642.23	
CR129	03/04/16	Reduce acoustical ceiling attic stock	-8,735.00	
CR131	03/08/16	RFI 452 & 452.1 Slab infill at treehouse curtain walls	2,405.20	
Submitted Total			-5,687.57	
Verbal okay				
CR080	10/06/15	RFI 273 - Delete wing walls at the lobby roof	-1,667.38	11
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
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
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
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
Verbal okay Total			36,671.91	
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



Change Request Log by Status

Consigli Construction Co., Inc.

Date: 03/15/16

1279 Sandy Hook School

Number	Date	Description	Amount	CO
CHANGE REQUESTS (continued)				
Approved (continued)				
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 (SO 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
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
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



1279 Sandy Hook School

Number	Date	Description	Amount	CO
CHANGE REQUESTS (continued)				
Approved (continued)				
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
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
CR092	11/03/15	Window Sill Extensions - Additional Caulking	4,436.07	9
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
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
Approved Total			779,152.70	

CHANGE REQUESTS TOTAL 876,077.72

Original Contract Amount:	38,899,411.00
Approved Contract Changes:	779,152.70
Revised Contract Amount:	39,678,563.70



CONSIGLI

Est. 1905

Change Request

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

Number: CR124
Date: 3/1/16
Job: 1279 Sandy Hook School
Phone:

Description: RFI 457 - Fire extinguishers in the kitchen

Source: RFI # 457

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

Provide a Type K and a Type ABC fire extinguisher in the kitchen per the response to RFI 457. No fire extinguishers were originally scheduled for this location.

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
General Trades				\$591.18		\$591.18
					Subtotal:	\$591.18
			CM Mark-Up	\$591.18		\$43.27
			Permit (Education Fee only)	\$634.45		\$0.16
			General Liability Insurance	\$634.61		\$7.62
					Total:	\$642.23

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

3/15/16



CONSIGLI

Est. 1965

Change Request

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

Number: CR129
Date: 3/4/16
Job: 1279 Sandy Hook School
Phone:

Description: Reduce acoustical ceiling attic stock

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

Reduce the amount of acoustical ceiling attic stock from 10% of each type to one (1) carton of each type. This reduction was reviewed with the school facilities manager and is acceptable for their needs.

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
Acoustical ceilings subcontractor				\$-8,735.00		\$-8,735.00
					Subtotal:	\$-8,735.00
					Total:	\$-8,735.00

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: CR131
Date: 3/8/16
Job: 1279 Sandy Hook School
Phone:

Description: RFI 452 & 452.1 Slab infill at treehouse curtain walls

Source: RFI # 452

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

Provide bent plate slab edge extensions at the four (4) curtain walls flanking each side of the treehouses per the response to RFI 452 and the confirming detail per RFI 452.1. The current slab edge location results in a small gap at the 2nd floor level between the back of the curtain wall mullion and the slab. These must be filled to make the floor continuous at these locations.

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

Description	Labor	Material	Equipment	Subcontract	Other	Price
Structural steel - 15006-37				\$2,214.00		\$2,214.00
					Subtotal:	\$2,214.00
			CM Mark-Up	\$2,214.00		\$162.06
			Permit (Education Fee only)	\$2,376.06		\$0.62
			General Liability Insurance	\$2,376.68		\$28.52
					Total:	\$2,405.20

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

3/15/16

Construction Contingency Log
1279 Sandy Hook School

Date: 03/15/16

Number	Date	Description	Amount
Not issued			
CT998	06/09/15	General Conditions Forecast Tracking - BT002	36,508.00
CT999	06/09/15	Additional Bond Costs - Construction Contingency	1,888.00
		Not issued Total	38,396.00
Potential			
CT008	09/22/15	Dehumidification	0.00
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
CT025	02/23/16	Ceiling Layout - RFI 471 & 477	8,000.00
CT026	02/23/16	Waterproof Lobby Roof Electrical	3,500.00
CT027	03/03/16	RFI 386 Cafeteria Window Returns	2,900.00
CT028	03/07/16	RFI 419 Gable Sill Detail	2,200.00
CT029	03/07/16	Projector Blocking	5,300.00
CT030	03/11/16	Premium Time Work	4,000.00
		Potential Total	46,643.79
Submitted			
CT006	08/11/15	Sunshade Bracket Fabrication	21,896.00
		Submitted Total	21,896.00
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	876.00
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:	125,864.33
		Original Contingency Amount:	686,095.00
		Approved Contingency Items:	125,864.33
		Remaining Contingency Amount:	560,230.67
		Pending Contingency Items:	106,935.79

CONTINGENCY TOTAL

453,294.88

FURNITURE BUDGET CALCULATION SHEET

CODE	ITEM	QTY	MANUFACTURER	BID Unit Cost	BID Total Budget Cost	STATE CONTRACT Dealer Cost	Comments
Creative Library Concepts - TMC							
LB-01	NOT USING		N/A				"A" (omitted)
LB-02	Library, Double Sided w/ OPAC Station	3	Creative Library				"B"
LB-03	Library, Double Sided 108"W	9	Creative Library				"C"
LB-04	Library, Double Sided Big Book Storage 72"L	8	Creative Library				"D"
LB-05	Library, Perimeter Shelving 36"W	7	Creative Library				"E"
LB-06	Library, Perimeter Shelving 24"W	2	Creative Library				"F"
LB-07	Library, Computer Carrels	1	Creative Library				"H"
LB-08	Library, Double Sided 96"W	4	Creative Library				"I"
LB-09	Library, Single Sided 216"W	1	Creative Library				"J"
LB-10	NOT USING		N/A				"G" (omitted)
TOTAL:					\$66,517.00	\$88,840.00	
INSALCO							
AC-02	Sand & Water Table	4	Community Playthings	\$506.00	\$2,024.00	\$2,430.68	
AC-04	Play Table & Chair set	7	Community Playthings	\$456.50	\$3,195.50	\$3,138.66	
AC-14a	Music Stands	48	Wenger	\$50.00	\$2,400.00	\$2,926.08	
AC-14b	Music Stand Cart	2	Wenger	\$323.00	\$646.00	\$1,074.42	
BC-04	Low Bookcase, Long	12	Community Playthings	\$696.00	\$8,352.00	\$8,920.32	
C-01	Student Chair, 12"H Woodcrest	88	Community Playthings	\$112.00	\$9,856.00	\$10,590.80	
C-02	Student Chair, 16"H Woodcrest	34	Community Playthings	\$175.00	\$5,950.00	\$5,776.94	
C-08	Adult Chair, 18"H Woodcrest	4	Community Playthings	\$191.50	\$766.00	\$821.24	
C-12a	Student Music Chair	48	Wenger	\$60.00	\$2,880.00	\$3,413.76	
C-12b	Student Music Chair Cart	2	Wenger	\$335.00	\$670.00	\$802.64	
C-14a	Task Chair, Inertia mesh back w/o arms (blue)	49	Allseating	\$350.00	\$17,150.00	\$18,723.10	Midback
C-14b	Task Chair, Inertia mesh back w/o arms (orange)	3	Allseating	\$350.00	\$1,050.00	\$902.55	Midback
C-15a	Task Chair, Inertia mesh back w/ arms (blue)	12	Allseating	\$375.00	\$4,500.00	\$4,346.10	Highback
C-15b	Task Chair, Inertia mesh back w/ arms - vinyl	5	Allseating	\$375.00	\$1,875.00	\$1,793.00	Highback, Vinyl "Plum"
C-15c	Task Chair, inertia mesh back w/ arms (orange)	4	Allseating	\$375.00	\$1,500.00	\$1,432.20	Highback
C-16	Task Chair, Inertia Upl. back w/ arms	2	Allseating	\$481.00	\$962.00	\$876.70	Highback
C-19a	Guest Chair, Inertia w/o arms (blue)	11	Allseating	\$220.00	\$2,420.00	\$2,480.50	
C-19b	Guest Chair, Inertia w/o arms (orange)	22	Allseating	\$220.00	\$4,840.00	\$4,961.00	
S-05	Storage Shelf, 24"W x 12"D (Pre-K Toilets)	3	Community Playthings	\$363.00	\$1,089.00	\$1,168.14	
T-01	Kidney Half Circle, Student Table, 64"W	37	Community Playthings	\$324.50	\$12,006.50	\$12,878.96	
T-02	Round Student Table, 36" Dia	25	Community Playthings	\$242.00	\$6,050.00	\$6,489.75	
T-03	Rectangular Student Table, 30"D x 60"W	31	Community Playthings	\$286.00	\$8,866.00	\$9,510.18	
T-04	Square Student Table, 30"W	1	Community Playthings	\$250.00	\$250.00	\$212.39	
T-09	Trapezoid Table, 26"D x 60"W	5	Community Playthings	\$300.00	\$1,500.00	\$1,415.95	
TOTAL:					\$100,798.00	\$107,086.06	
RED THREAD							
AC-09	Mobile Screen	9	Steelcase	\$375.00	\$3,375.00	\$3,533.40	
AC-11	Podium (Library 109)(Platform 154)	2	Paragon	\$1,200.00	\$2,400.00	\$2,108.00	
BC-05	Tall Bookcase, 68"H Woodgrain Laminate	4	Kimball	\$1,109.40	\$4,437.60	\$3,608.40	
BC-06	Bookcase, 2 High (125C)	2	GLOBAL	\$400.00	\$800.00	\$221.10	
BC-07	Bookcase, 3 High	7	GLOBAL	\$450.00	\$3,150.00	\$900.90	
C-11	Student Industrial Stool	48	KI	\$100.00	\$4,800.00	\$5,040.00	
C-20	Side Chair, Move, plastic w/o arms	23	Steelcase	\$150.00	\$3,450.00	\$3,444.48	
C-23a	Large Ottoman, Campfire (Pumpkin)	6	Steelcase	\$250.00	\$1,500.00	\$1,608.80	
C-23b	Large Ottoman, Campfire (Pumpkin)	11	Steelcase	\$250.00	\$2,750.00	\$2,945.80	
C-29	Bench Seating, Aight 36"W (Faculty)	2	Steelcase	\$472.00	\$944.00	\$1,020.34	
C-30	Dining Chair, Smile	30	Izzy's Fixtures Furniture	\$177.00	\$5,310.00	\$4,513.50	

FURNITURE BUDGET CALCULATION SHEET

CODE	ITEM	QTY	MANUFACTURER	BID Unit Cost	BID Total Budget Cost	STATE CONTRACT Dealer Cost	Comments
C-31a	Assembly Chair, Fetch	300	Izzy+	\$110.00	\$33,000.00	\$26,926.00	Included in Bid Package #22
C31b	Assembly Chair, Cart	6	Izzy+	\$400.00	\$3,200.00	\$2,733.60	Included in Bid Package #22
D-01	Student Desk, 19"D x 25"W	309	Vanorum Stoller - 8/20/15	\$120.00	\$37,080.00	\$38,414.88	
D-06	Office Desk, U-Shaped (Asst. princ.)	1	Kimball	\$4,000.00	\$4,000.00	\$7,304.87	
D-07	Office Desk, U-Shaped (Principal)	1	Kimball	\$7,500.00	\$7,500.00	\$8,923.88	
F-01	Lateral File, 2 High, 36"W (Classrooms)	27	GLOBAL	\$363.00	\$9,801.00	\$12,370.05	
F-02	Lateral File, 3 High, 42"W (Offices)	9	GLOBAL	\$520.00	\$4,680.00	\$6,281.55	
F-04	Freestanding Pedestal, Kimball	2	Kimball	\$300.00	\$600.00	\$824.18	
F-05	Lateral File Group, (3) 3 High, 42"W w/ Common Top	1	GLOBAL	\$1,800.00	\$1,800.00	\$2,425.50	
T-13	Side Table, Bloom Pull-Up	4	Kimball	\$350.00	\$1,400.00	\$1,387.68	
T-14	Round Work Table, 42" Dia. (101D & 125A)	2	Kimball	\$600.00	\$1,200.00	\$1,065.26	
T-17	Square Work Table, 36"W (153A-215)	3	Izzy+	\$380.00	\$1,140.00	\$971.55	
T-19	Rectangular Work Table, 36"D x 72"W	7	Izzy+	\$500.00	\$3,500.00	\$2,648.94	
T-20	Cafeteria Table, Convertible Bench	32	Amtab	\$650.00	\$27,200.00	\$23,748.16	
TOTAL:					\$169,017.60	\$164,968.82	
Robert H. LORD							
AC-03	Play Kitchen Set	7	Jonticraft	\$923.00	\$6,461.00	\$5,712.00	
AC-05	Art Easel	2	Jont-Craft	\$180.00	\$360.00	\$315.02	
BC-01	Low Bookcase,	76	Jonticraft	\$276.00	\$20,976.00	\$18,566.04	
BC-02	Tall Bookcase,	26	Jonticraft	\$397.00	\$10,322.00	\$9,125.22	
BC-03	Flush Back Book Stand	24	Jonticraft	\$210.00	\$5,040.00	\$4,404.48	
C-07	Student Stool, 15"H Hokki	49	V/S	\$100.00	\$4,900.00	\$4,361.49	
C-13	Adult Stool, 16"-20"H Rondo	2	V/S	\$117.00	\$234.00	\$340.56	
S-01	Bench Locker	7	Jonticraft	\$272.00	\$1,904.00	\$1,681.47	
S-02	Corner Cubbie, Low	46	Jonticraft	\$145.00	\$6,670.00	\$8,066.56	
S-03	Cubbie Filler Custom	4	Jonticraft	\$300.00	\$1,200.00	\$850.00	
S-04	Mail Sorter	23	Jonticraft	\$287.00	\$6,601.00	\$6,148.59	
S-07	Storage, 17"D x 48"W x 30"H (Conf. Rms)	3	V/S	\$450.00	\$1,350.00	\$1,204.86	
T-07	Art Table, 42"D x 60"W	6	Diversified Woodcrafts	\$675.00	\$4,050.00	\$4,990.50	Included in Bid Package #16
T-08	Science Table, 36"D x 54"W	6	Diversified Woodcrafts	\$575.00	\$3,450.00	\$4,180.50	Included in Bid Package #16
T-01a	Puzzle Student Table	37	V/S	alt add	\$3,720.00	\$2,331.00	Pending Confirmation from Kathy
TOTAL:					\$77,238.00	\$72,278.29	
VIRCO							
C-03	Student Chair, 13"H Zuma Cantilever	296	Virco	\$67.00	\$19,832.00	\$17,295.00	
C-04	Student Chair, 15"H Zuma Cantilever	174	Virco	\$69.30	\$12,058.20	\$10,662.72	
C-05	Student Chair, 15"H Zuma Rocker	160	Virco	\$83.22	\$13,315.20	\$13,315.20	
C-09	Adult Chair, 18"H Zuma Cantilever	20	Virco	\$76.50	\$1,530.00	\$1,339.60	
C-10	Adult Chair, 16"-20"H Zuma Task	14	Virco	\$120.00	\$1,680.00	\$1,985.48	
D-02	Student Desk, ADA 20"D x 34"W	17	Virco	\$150.00	\$2,550.00	\$2,189.60	
T-05	Computer Table, 24"D x 60"W	4	Virco	\$300.00	\$1,200.00	\$1,240.40	
T-06	Computer Table, 24"D x 72"W	27	Virco	\$350.00	\$9,450.00	\$8,939.70	
T-10	Computer Table, 30"D x 60"W (Comp)	10	Virco	\$340.00	\$3,400.00	\$2,661.90	
T-12	Computer Table, 30"D x 84"W (Comp)	2	Virco	\$400.00	\$800.00	\$728.00	
TOTAL:					\$65,815.40	\$60,357.80	
W. B. MASON							
C-17	Guest Chair, Timberlane w/ arm	4	National	\$467.00	\$1,868.00	\$1,901.12	
C-18a	Guest Chair, Timberlane w/o arms (beige)	6	National	\$413.00	\$2,478.00	\$2,691.00	
C-18b	Guest Chair, Timberlane w/o arms (blue)	6	National	\$413.00	\$3,304.00	\$3,065.20	
C-22	Medium Ottoman, Whimsy	5	National	\$428.00	\$2,140.00	\$1,367.70	
C-27	Bench Seating, Fringe 2 Seat	1	National	\$1,316.00	\$1,316.00	\$831.29	
C-28	Bench Seating, Fringe 3 Seat	3	National	\$1,680.00	\$5,070.00	\$3,110.79	
D-03	Teachers Desk, L-Shaped	32	National	\$1,330.00	\$42,560.00	\$39,699.68	
D-04	Teachers Desk, Straight	17	National	\$830.00	\$14,110.00	\$13,854.11	
D-05	Office Desk, L-Shaped (admin)	2	National	\$1,800.00	\$3,600.00	\$3,791.94	
D-08	Office Desk, U-Shaped (Nurse)	1	National	\$3,000.00	\$3,000.00	\$2,394.70	
D-09	Office Desk, U-Shaped (125A)	1	National	\$3,500.00	\$3,500.00	\$2,452.48	
D-10	Office Desk, U-Shaped (125B)	1	National	\$4,000.00	\$4,000.00	\$3,678.23	

FURNITURE BUDGET CALCULATION SHEET

CODE	ITEM	QTY	MANUFACTURER	BID Unit Cost	BID Total Budget Cost	STATE CONTRACT Dealer Cost	Comments
D-11	Office Desk, Straight Desk (125C)	2	National	\$1,000.00	\$2,000.00	\$3,132.34	
D-12	Office Desk, L-Shaped (125C & 149A)	1	National	\$2,000.00	\$2,000.00	\$1,951.89	
D-13	Office Desk, L-Shaped (108A)	1	National	\$1,500.00	\$1,500.00	\$1,953.21	
D-14	Office Desk, L-Shaped (112)	1	National	\$1,800.00	\$1,800.00	\$2,622.18	
D-15	Computer Table, 24"D x 128"W w/ ovrhds	1	National	\$1,200.00	\$1,200.00	\$2,721.54	
D-16	Office Desk, U-Shaped (155B & E)	2	National	\$2,000.00	\$4,000.00	\$3,621.76	
D-17	Computer Table, 24"D x 36"W (Math)	1	National	\$800.00	\$800.00	\$378.81	
F-03	Mobile Pedestal, Waveworks	33	National	\$330.00	\$10,890.00	\$11,017.71	
T-15	Conference Table, 48"W x 96"L	2	National	\$1,800.00	\$3,600.00	\$3,187.46	
T-16	Conference Table, 48"W x 144"L	1	National	\$2,500.00	\$2,500.00	\$2,562.76	
T-18	Square Work Table, 42"W (125B, 155E&B)	3	National	\$400.00	\$1,200.00	\$2,344.08	
TOTAL:					\$118,436.00	\$114,431.98	
Furniture Total (excluding Bid Items & wall hooks):					\$597,822.00	\$607,962.95	
							<i>609,668.88</i>
							Actual State Contract Furniture Budget: \$607,962.95 <i>\$ 609,668.88</i>
							Estimated Bid Furniture Budget: \$31,696.00
							Hooks: \$500.00
Total Furniture Budget Including State & Bid Furniture:							\$640,158.95
Original Budget Submitted to OSF:							\$630,018.00 <small>includes 600 1/2" Queen's 517</small>

Change Request FFE Procurement
Library Shelving Specifications/Quantities
March 16, 2016

Subsequent to approvals provided by the District and school administration on all furniture layouts and selections, the Sandy Hook School library staff requested that the location and types of shelving be reexamined. The project team held a meeting at the Superintendent's request with library staff at their present location to review their book storage needs. At this meeting the staff demonstrated the difficulty that younger students have in browsing books shelved in traditional shelving units. The staff has requested that a portion of the traditional, fixed shelving be replaced with "Browsing Bins".

Browsing bins enable books to be stored with their front covers facing the patron, instead of the spine ends. Younger students prefer to choose books based on the covers and these bins allow them to remove books from the shelf more easily. Staff has requested that we provide 32 bins, two shelves high and 36" wide instead of the 10 single height book bins originally specified.

The new layout of the browsing bins also requires elimination of 6 double-sided fixed shelving units 72"w and 32"h and the addition of 2 double-sided fixed shelving units 108"w and 48"h. See attached library furniture layout for the new shelving configuration.

Attached is the change request from the superintendent, along with a revised quote from the library furniture vendor. This change increases the previously approved contract amount by \$24,862, primarily due to the custom design of the browsing bins but also due to an increase in book storage capacity. The increased cost is reflected in the current overall project budget dated March 16, 2016.

Hoerauf, GERALYN C.

From: Erardi, Joe <erardij@newtown.k12.ct.us>
Sent: Wednesday, March 16, 2016 7:05 PM
To: Hoerauf, GERALYN C.
Subject: Change Order

Geralyn:

Based on a review of the library furniture plans with the current library staff at Sandy Hook School. The District requests that the following revisions be made to the location plans and specifications for library shelving:

Eliminate 5 double-sided book bins 36" w X 48" d X 32" h

Eliminate 6 double-sided fixed shelving units 72" x X 24" d X 32" h

Add 8 double-sided browsing bins 72" w X 34" d X 32" h

Add 2 double-sided fixed shelving units 108" w X 24" d X 48" h

These changes will better fit the storage needs of the library and facilitate use of the library by our students. The revisions have been approved by staff, and the new layout and specifications will follow best practices for elementary school libraries.

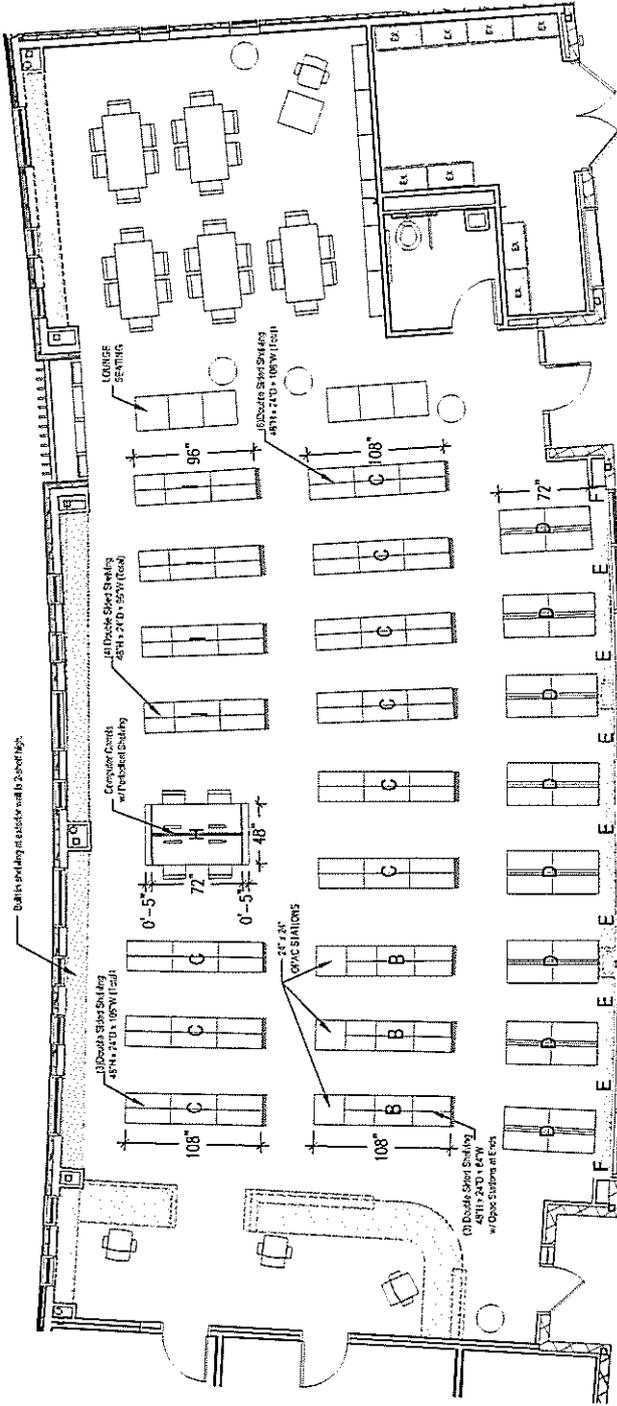
We understand that the PBSC has already authorized the procurement of library furnishings and request that an appropriate change order be approved at your earliest convenience.

Thank you

Joe Erardi

Dr. Joseph V. Erardi, Jr.

Library Shelving Specification



A - OMITTED FROM PROJECT

B - (QTY. 3) Double sided shelving unit w/ 24" x 24" OPAC station counter. Overall dimensions 48"H x 24"D x 108"W. Stationary. Adjustable metal shelves (4 Shelves High). Plastic laminate canopy, matching vinyl edge & one plain end panel & one decorative end panel.

C - (QTY. 9) Double sided shelving unit. 48"H x 24"D x 108"W. Stationary. Adjustable metal shelves (3 shelves High). Plastic laminate canopy, matching vinyl edge & one plain end panel & one decorative end panel.

D - (QTY. 8) Double sided Picture Book browsing bin System, 2 shelves high, 34"D x 72"W, (32" high) (2) Stained wood panels w/ no cut outs.

E - (QTY. 7) Perimeter Shelving. MAX 31.5"H x 12"D x 36"W. Stationary. Adjustable metal shelves (2 shelves). To be installed underneath solid surface sill by others.

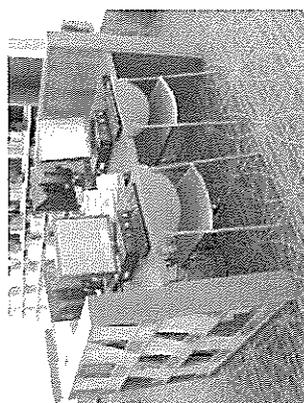
F - (QTY. 2) Perimeter Shelving. MAX 31.5"H x 12"D x 24"W. Stationary. Adjustable metal shelves (2 shelves). To be installed underneath solid surface sill by others.

G - OMITTED FROM PROJECT

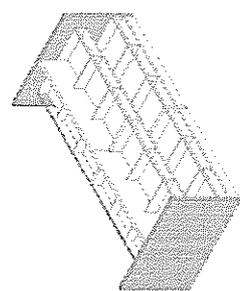
H - (QTY. 1) Double Sided Computer Carrels (4 stations). 2 Workstations, 72"W x 24"D w/ 48"W Periodical Shelving at Ends. Include one grommet per station & a 72"W x 10"H center divider.

I - (QTY. 4) Typical double sided shelving unit. 48"H x 24"D x 96"W. Stationary. Adjustable metal shelves (3 Shelves High). Plastic laminate canopy, matching vinyl edge & one plain end panel & one decorative end panel.

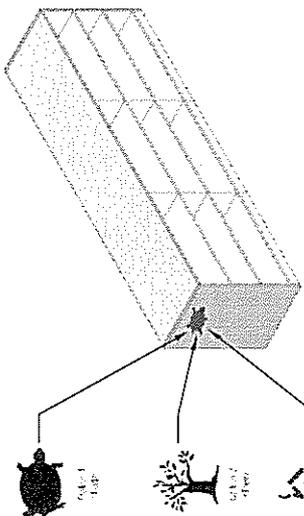
J - (QTY. 1) Single Sided shelving Unit made up of 6-36"W shelves, 32"H x 12"D x 216"W. Stationary. Adjustable metal shelves (2 shelves high). Plastic Laminate canopy, matching vinyl edge with plain end panels.



(H) : Computer Carrels
Double Sided, 72"W w/ Periodical Shelving at ends
2 Grommets at each work surface.



(D) : Browsing Bins
Double Sided, 2 Shelf High, 72"W



(C) : Shelving Unit
Double Sided, 3 Shelf High, 108"W
w/ Motif Cut Out at 1 end Panel

* Always Approve 21,750 Volume (Does not include Shelving (B-), (C) & (D) shelving in the room with Periodicals & Reference at 80% Capacity

DRAWING TITLE: MEDIA CENTER - LIBRARY SHELVING SPECIFICATIONS	SCALE: 1/8"=1'	DATE: 03/08/16	JOB NO: 1360.00
	DRAWING NO: OPT.B	PAGE NO: N/A	
CLIENT: SVIGALS + PARTNERS ARCHITECTURE + ART 84 Orange Street • New Haven, CT 06510 Tel: 203.786-5110 • www.svigals.com	DRAWING TYPE: MEDIA CENTER - LIBRARY SHELVING SPECIFICATIONS	PROJECT: SANDY HOOK ELEMENTARY SCHOOL	



490 US Highway 33 West
 Millstone Township, NJ 08535
 (908) 276-9200
 www.creativelibraryconcepts.com

Proposal

ADDRESS
 Sandy Hook Elementary School

SHIP TO
 Sandy Hook Elementary School

PROPOSAL # 1401 DATE 03/16/2016

SALES REP
 Charlie Cohen

ITEMS	QTY	RATE	AMOUNT
X-CASEGOODS-1	3		
<p>Custom Cut-Out End Panel 3054 with OPAC (1) End Panel Dimensions: 25 in. W x 49.5 in. H x 1.25 in. Thick,Material: Premium Particle Board and Maple Veneer, Edge Material: .125 in. Maple Edgebanding 20 - All 4 Edges InScribed Design: In The Stacks Series (Tier B) Spring, InScribed Design Finish: Pionite SP414 Tutti Frutti' Panel Finish: Light Oak 23 OPAC Station to Attach to End Panel Dimensions: 24"W x 24"D x 26"H,Material: 1.125 in. Premium Particle Board Table Surface: TMC Standard Laminate SL,Laminate: Pionite, SB005 French Blue Edge Material: .125" maple edgebanding 20,Edge Finish: Light Oak 23 Misc: (2) Angle brackets to support OPAC countertop,(1) 3" Dia grommet (grey plastic) Shelving Plain End Panel Dimensions: 25 in. W x 49.5 in. H x 1.25 in. Thick Material: Premium Particle Board and Maple Veneer Edge Material: .125 in. Maple Edgebanding 20 - All 4 Edges Panel Finish: Light Oak 23 Shelving Canopy Top w/ Laminate 30115(1) Dimensions: 25 in. D x 108.1875 in. L x 1.25 in. Thick Material: 1.125 in. Premium Particle Board w/ TMC Standard Laminate: Pionite, SB005 French Blue,Back Surface: Polybac Backer Edge Material: .125" Maple edgebanding 20- 2 long sides Edge Finish: Light Oak 23 (6) Adjustable Shelves w/Slide Wire Dividers per Dimensions: Ranges= (1) 108 in. W (2) 30 in. W x 24 in. D x 48 in. H (1) 24 in. W x 24 in. D x 48 in. H Color: (CUSTOM) TMC Champagne C-PP13 Tag: B</p>			

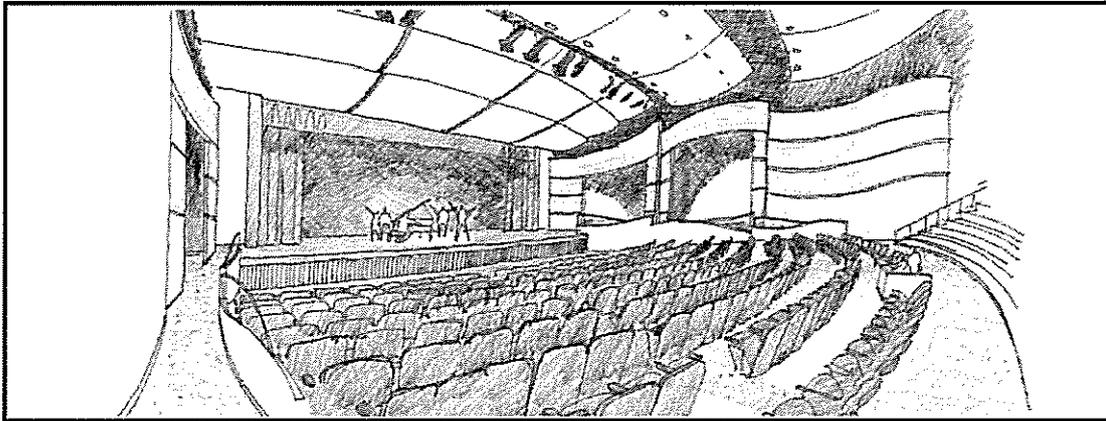
ITEMS	QTY	RATE	AMOUNT
X-CASEGOODS-2 Metal Fixed Shelving Units - Double-Faced (4) Adjustable Shelves w/ Slide Wire Dividers per Dimensions: Ranges = (1) 108 in. W (3) 36 in. W x 24 in. D x 48 in. H Color: (Custom) TMC Champagne C-PP13 Plain End Panels (1) Dimensions: 25 in. W x 49.5 in. H x 1.25 in. Thick Material: Premium Particle Board and and Maple Veneer Edge Material: .125 in Maple Edgebanding 20 - All 4 Edges Finish: Light Oak 23 Cut-out End Panels (1) Dimensions: 25 in. W x 49.5 in. H x 1.25 in. Thick Material: Premium Particle Board and and Maple Veneer Edge Material: .125 in Maple Edgebanding 20 - All 4 Edges InScribed Design: In the Stacks Series (tier B) Spring InScribed Design Finish: Pionite SP414 Tutti Frutti Panel Finish: Light Oak 23 Laminate Canopy Top (1) Dimensions: 108.1875 in. L x 25 in. W x 1.25 in. Thick Material: 1.125 in. Premium Particle Board w/ TMC Standard Laminate SL Laminate: Pionite, SB005 French Blue Back Surface: Polybac Backer Edge Material: .125" maple edgebanding 20- 2 long edges Edge Color: Light Oak 23 Tag: C	9		
X-CASEGOODS-3 Metal Fixed Shelving units - Double-Faced (2) Picture Book Browser Shelves Ranges = 72 in W (2) 36 in W x 32 in D x 32 in H Color: (Custom) Champagne Custom Plain End Panels (2) Dimensions: 33 in. W x 32 in. H x 1.25 in. Thick Material: Premium Particle Board and and Maple Veneer Edge Material: .125 in Maple Edgebanding 20 - All 4 Edges Finish: Light Oak 23 Tag: D	8		
X-CASEGOODS-4 Metal Fixed Shelving Units - Single-Faced (1) Adjustable Shelf w/ Slide Wire Dividers per Dimensions: 36 in. W x 12 in. D x 31 in. H Tag: E	7		
X-CASEGOODS-5 Metal Fixed Shelving Units - Single-Faced (1) Adjustable Shelf w/ Slide Wire Dividers per Dimensions: 24 in. W x 12 in. D x 31 in. H Color: (Custom) TMC Champagne C-PP13 Tag: F	1		

ITEMS	QTY	RATE	AMOUNT
X-CASEGOODS-6 Metal Fixed Shelving Units - Single-Faced (1) Adjustable Shelf w/ Slide Wire Dividers per Dimensions: 24 in. W x 12 in. D x 31 in. H Tag: G	1		
X-CASEGOODS-7 Custom Table with Center Dividers and Attached Panel Ends for Storage Table Surface Dimensions: 72"L x 48"W x 26"H Material: 1.125 in. Premium Particle Board Table Surface: TMC Standard Laminate SL Laminate: Pionite, SB005 French Blue Edge Material: Maple Edgebanding 20 Edge Color: Light Oak 23 Misc: (4) 3" Grommets; One for each workstation (1) Center Divider Panel Dimensions: 72"L x 10"H Intermediate Dividers: XX Material: 3/8"th TMC Standard Acrylic; Metal Clamps Cut-Out: None XX Note: No Posts included. Panel End Dimensions: 48"W x 48"H x 4"Thick Panels to store periodicals [3] Storage sections with Book Stop Edge Book Stop Edge Material: Solid Maple .5 in. x 1.75 in. Top Edge: Eased; Bottom Edge: Eased Panel Finish: Light Oak 23; Edge Finishes: Light Oak 23, Misc: 1/8" plexiglass inserts for storage sections Tag: H	1		
X-CASEGOODS-8 Metal Fixed Shelving Units - Double-Faced (4) Adjustable Shelves w/ Slide Wire Dividers per Dimensions: Ranges = (1) 96in. W, (2) 36 in W x 24 in D x 48 in H,(1) 24"W x 24"D x 48"H Color: (Custom) TMC Champagne C-PP13 Plain End Panels (1) Dimensions: 25 in. W x 49.5 in. H x 1.25 in. Thick Material: Premium Particle Board and and Maple Veneer Edge Material: .125 in Maple Edgebanding 20 - All 4 Edges Finish: Light Oak 23 Cut-out End Panels (1) Dimensions: 25 in. W x 49.5 in. H x 1.25 in. Thick Material: Premium Particle Board and and Maple Veneer Edge Material: .125 in Maple Edgebanding 20 - All 4 Edges InScribed Design: In the Stacks Series (Tier B) Spring InScribed Design Finish:Pionite SP414 Tutti Frutti Panel Finish: Light Oak 23 Laminate Canopy Top (1) Dimensions: 96.1875 in. L x 25 in. W x 1.25 in. Thick Material: 1.125 in. Premium Particle Board w/ TMC; Laminate: Pionite SB005 French Blue Back Surface: Polybac Backer; Edge Material: .25 in. Vinyl T Mold 2 Long Sides Edge Color: Light Oak Tag: I	4		

ITEMS	QTY	RATE	AMOUNT
X-CASEGOODS-9	1		
Metal Fixed Shelving Units - Single-Faced (1) Adjustable Shelf w/ Slide Wire Dividers per Dimensions: Ranges = (1) 216"W, (6) 36 W x 12" D x 32"H Color: (Custom) TMC Champagne C-PP13 Plain End Panels (2) Dimensions: 13.5 in. W x 33.5 in. H x 1.25 in. Thick Material: Premium Particle Board and and Maple Veneer Edge Material: .125 in Maple Edgebanding 20 - All 4 Edges Finish: Light Oak 23 Laminate Canopy Top (1) Dimensions: 216.375 in. L x 13.5 in. W x 1.25 in. Thick Material: 1.125 in. Premium Particle Board w/ TMC Laminate: Pionite SB005 French Blue Back Surface: Polybac Backer Edge Material: .25 in. Vinyl T-Mold - 2 Long Sides Edge Color: Light Oak 23 Note: Split (3) @ 72.125" L Tag: J			
Powder Coat Set Up	1		
TMC Champagne List Price \$130,196			
TOTAL		92,808.00	92,808.00
Includes freight and installation			
	TOTAL		\$92,808.00

Accepted By Lynn Brotman

Accepted Date 3-16-16



Newtown High School Auditorium

Newtown, CT

**Monthly Report
to the Public Building and Site Commission
March 22, 2016**

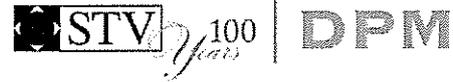


**Newtown High School Auditorium
Newtown, CT**

Monthly Report – March 22, 2015

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e)	Phase I Demolition Documents, dated February 1, 2016	



**Newtown High School Auditorium
Newtown, CT**

Monthly Report – March 22, 2016

1) Executive Summary

The project team is well into the Design Development phase of the project and has collaborated with the high school staff to provide a revised project scope that responds to the ADA and safety requirements of the renovation project. Working with the end-users, the project team has developed a reasonable compromise of architectural improvements and theatrical equipment acquisition that complies with the \$3.6 million budget. Some aspects of the renovation have been modified in order to procure needed sound and lighting equipment and to replace unsafe rigging equipment. As the project progresses through Design Development and into the Construction Documents Phase, the team will continue to explore methods to minimize construction costs in order to maximize equipment replacement.

The project team including the construction manager, is committed to a renovation construction start date immediately after the academic school year is completed and also remains committed to a substantial completion date of December 31, 2016.

2) Opportunities

The project team has been challenged this month with the direction to comply with the original CIP intent of providing a renovated auditorium space that resolves accessibility and safety issues, while also providing the means by which new lighting and AV equipment could be included in the project budget. The architects have held numerous meetings with their consultants and with the high school staff to identify program requirements and priorities and propose alternative design solutions that will reduce construction costs.

The most current compromise is to leave the stage at its existing elevation relative to the perimeter corridors and provide ADA access through the auditorium and onto the stage. In this solution, the team must still determine a means to provide access to the stage for handicapped individuals, but the end-users agree that this alternative is preferable as it reduces construction costs and will provide the opportunity to invest in needed theatrical equipment.

The project team will continue to devise similar creative solutions as a means of cost control.



3) **Activities this period (Feb 17 – Mar 16)**

a) **Preconstruction Phases**

i. **Design Development**

The Design Team continues to refine the extent of architectural renovations, balancing projected construction costs with the cost of new equipment required to enhance the theater experience. The project team has held a series of meetings with high school fine arts staff to evaluate alternative solutions to the accessibility issues and to further define the detail of various equipment packages.

The current architectural scope includes the restructuring of the auditorium floor to achieve level access for ADA compliance from the perimeter corridors, along auditorium side aisles and from the parterre cross-aisle, all the way to the stage. The elevation of the stage floor would remain as existing so that no renovation work is needed at the rear outside doors and so the height of stage space is maximized. The design team is working with the end-users to determine whether access to the backstage areas will be by ramp or new lift, for handicapped students/staff.

Design Development scope also includes replacing the existing control booth with a larger room, with ADA accessibility. All existing auditorium finishes are to be replaced and the acoustical qualities of the space improved with new acoustical materials at the ceiling and rear walls.

The MEP engineers have proposed relocating one backstage HVAC unit to the roof to allow for new rigging installation. All duct work from the three HVAC units will be replaced and the two remaining units refurbished. Thermal comfort will be enhanced both backstage and in the auditorium area.

Theatrical lighting, sound and rigging packages are under development in collaboration with the design consultants and the end-users.

ii. **Demolition Phase Construction Documents**

Phase 1 - Demolition Phase construction documents are complete and the final construction Phase 1 Cost Estimate has been submitted by the construction manager. Both documents were provided to the Board of Education for their review and approval for their March 15th meeting.



Concurrently, the independent third-party code reviewer is reviewing the documents and his report is due the week of March 14th. The architects have also scheduled a review with the building official and fire marshal, as required prior to submission to the State OSCG.

b) Other Activities

i. Other Informational or Coordination Meetings

The design team and theater consultant will continue to hold meetings with the end users on an as-needed basis to confirm program requirements and discuss value management ideas during the design phases. Review meetings have also been held with the high school principal and the superintendent.

ii. Additional Services Request

No additional services identified this period.

4) Programmed activities next period (Mar 17 – Apr 19)

a) Preconstruction Phases

i. Design Development

The design team will finalize design components and develop details for all recently approved scope. The project team will continue to work closely with the construction manager and estimators to ensure that the project develops within the \$3.6 million budget, while responding to end-user programmatic requirements for safety and accessibility. Construction Document development will begin concurrently with the finalization of Design Development in order to keep the project on schedule for construction start in late June.

ii. Demolition Phase Documents

Based on the March 15th approval of this phase by the Board of Education, the Phase 1 documents will be presented for approval to the PBSC at the March 22nd regular meeting. Final approval will also be obtained from the building official and fire marshal, based on the code reviewer's report. The Phase 1 documents will be submitted to the State Office of School Construction Grants for pre-bid conformance review on March 29th.

b) Other Activities

i. Other Coordination Meetings

Project team meetings will be held as needed to ensure that the project develops on budget and according to programmatic requirements.



5) Project Budget and Cash Flow Analysis

A current Project Budget is attached. The current budget is based on contracts approved to date (consultant fees), estimated owner costs to complete the project, and the Design Development cost estimate prepared by Newfield Construction Inc. The project budget has been developed to respond to the \$3,600,000 total appropriated for this project and has been reviewed by high school and district staff.

The Phase 1 - Demolition portion of the overall budget will be submitted to the State OSCG, as required.

6) Quality and Safety

Quality and response to project requirements will be maintained by the project team through-out the preconstruction phases.

7) Approvals Anticipated by PB&SC

a) At the March 22nd Meeting:

- i. Approval of the Phase 1 – Demolition Construction Documents and Cost Estimate for submission to the State Office of School Construction Grants
- ii. Approval of Design Development scope and acceptance of the Design Development Cost Estimate

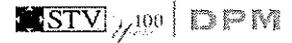
b) At the April 26th Meeting:

- i. Authorization to bid the Phase 1 – Demolition Construction Documents – pending prior approval by the State Office of School Construction Grants.

8) Attachments

- a) **Project Budget**, dated March 16, 2016
- b) **Budget and Cost Estimate Notes**, dated March 16, 2016
- c) **Newfield Design Development Cost Estimate**, dated March 14, 2016
- d) **Phase I Demolition Cost Estimate**, dated March 14, 2016
- e) **Phase I Demolition Documents**, dated February 1, 2016

Town of Newtown, CT
Newtown High School Auditorium Renovation
Project Detail Budget
 March 16, 2016



ITEM DESCRIPTION	BUDGET	CURRENT TOTAL BUDGET	Notes
Eligible Costs		\$ 2,879,150	
Consultants	\$ 507,950		
Architect/Engineers	\$ 335,000		
Haz Mat Testing	\$ 5,000		
Owners Project Manager Fee	\$ 100,000		
Clerk of the Works	\$ 15,600		
Legal Fees	\$ 2,500		
Local Review for State Approval	\$ 3,850		
CM Preconstruction Fee	\$ 46,000		
Fees	\$ 14,000		
Special Inspections & Testing	\$ 10,000		
Builders Risk Insurance	\$ 4,000		
Construction	\$ 2,357,200		
Demolition	\$ 248,500		
Renovation	\$ 1,791,100		
Fixed Auditorium Seating	\$ 317,600		
InEligible Costs		\$ 720,332	
Equipment	\$ 490,000		
AV Infrastructure	\$ 150,000		
AV/Sound Equipment	\$ 100,000		
Rigging	\$ 100,000		
Lighting Controls	\$ 20,000		
Curtains	\$ 27,000		
Stage Lighting	\$ 93,000		
Project Contingency	\$ 230,332		
Total Project Budget		\$ 3,599,482	Renovation includes restructuring auditorium to provide ADA access to seating areas and stage; replace and enlarge control booth; new lift at stage; relocate stage left HVAC equip to roof; all new house lighting & HVAC distribution

- Reduced CM estimating contingency to 7.5% (Design Development Phase)
- Eliminated Escalation Factor
- Reduced Project Contingency to 8%
- Owner purchases all equipment outside of CM contract to reduce mark-ups

Future Additions to Scope, not included above:

- Improvements to catwalk (\$ 47,000)
- Wireless Mics package (\$ 90,000)
- Presentation Projector (\$ 25,000)
- New choral risers (\$ 36,000)
- Add to AV Equipmt (reduced by 25%) (\$ 50,000)
- Add to Lighting (reduced by 25%) (\$ 32,000)
- Proscenium barndoor panels (\$ 35,000)
- Purchase new dimmer racks

**Newtown High School Auditorium Renovation Project
Design Development Budget Notes**

March 16, 2016

The construction budget includes:

- Restructuring of the auditorium floor to achieve level access for ADA compliance from the perimeter corridors along side aisles and a parterre cross-aisle, and to the stage from the auditorium side.
- The elevation of the stage would stay as existing so that no work is needed at the rear outside doors and the height of stage space is maximized.
- For accessibility to the stage, either a ramp would be provided backstage or a new lift would be installed.
- The existing HVAC unit above stage left would be replaced with a new unit located on the adjacent roof; the other two units on stage right remain and mechanical parts are refurbished. All distribution ductwork for all units would be replaced and relocated.
- The current sound booth would be removed and a new, larger sound booth provided, with internal lift for accessibility.
- Auditorium acoustic will be improved with the reconfiguration of acoustical treatments at walls and ceiling.
- New house lighting will be provided at ceiling and floor (aisles).
- All new finishes including new seats, will be provided in the auditorium

The theater equipment scope includes:

- AV Infrastructure (budgeted at \$150,000)
- AV/Sound Equipment (\$100,000)
- Rigging (\$100,000)
- Lighting Controls (\$20,000)
- Curtains (\$27,000)
- Stage Lighting (\$93,000)
- All of these line items require further detail and the consultants will provide alternatives and priorities for your final decision.

The current budget does not include:

- Improvements to Catwalk and the addition of a spiral stair as second means of egress. This has been estimated at \$ 47,000 and, as per Bob Mitchell direction, will be the first item added back into the scope as future cost estimates allow
- Wireless Mics package estimated at \$ 90,000
- Presentation Projector estimated at \$ 25,000; the full theater – quality projector is estimated to cost \$90,000
- New choral risers or stage platforms estimated at \$ 36,000
- AV Equipment budget was reduced by 25% (\$ 50,000) at the suggestion of the consultants; a detailed list of sound equipment will be provided to determine whether this reduction is accurate
- Lighting Equipment budget was reduced by 25% (\$ 32,000) at the suggestion of the consultants; a detailed list of sound equipment will be provided to determine whether this reduction is accurate

- Proscenium barndoor panels estimated at \$ 35,000; the current thought is that the reduction in proscenium opening can be temporarily achieved with curtains
- Existing dimmer racks and sound board will be reused

In order to achieve the current budget projection, certain internal contingencies have been reduced (as is typical as design of a project progresses) and all “plug-and-play” theater equipment will be removed from the construction manager’s scope and procured directly by the Town, as a means of saving on the contractor mark-ups.

As the Design Development Phase and the Construction Documents Phase progress, the Newfield Construction will continue to review and adjust the cost estimate with the input of the design team. All scope decisions will be brought back to you and your staff for validation prior to the presentation to the PBSC. Please understand that there will be decisions to be made as to priorities and value through-out the project and the project team will do everything possible to provide you with the information to make decisions on scope. We are all working towards the same goal of achieving a renovated auditorium and an enhanced theater venue – all within the mandated \$3.6 million budget.



NEWTOWN HIGH SCHOOL
AUDITORIUM

STATE PROJECT NO. [REDACTED]

Design Development Estimate

Plans by: SMITH EDWARDS McCOY ARCHITECTS

Dated : 2/19/16



NEWTOWN HIGH SCHOOL
AUDITORIUM
Design Development Estimate
March 14, 2016

		Design Development Estimate
General Requirements		\$ 40,200
Existing Conditions		\$ 104,096
Concrete		\$ 98,743
Masonry		\$ 12,120
Metals		\$ 60,625
Wood & Plastics		\$ 61,590
Thermal & Moisture Protection		\$ 12,500
Doors & Windows		\$ 18,530
Finishes		\$ 503,374
Specialties		\$ 1,500
Equipment		\$ 582,000
Furnishings		\$ -
Special Construction		NA
Hoisting		\$ 12,500
Mechanical		\$ 185,963
Electrical		\$ 241,355
Earthwork / Exterior Improvements / Utilities / Geo Foam		\$ 27,500
Total		\$ 1,962,597
ESTIMATE CONTINGENCY	10.00%	\$ 196,260
ESCALATION 4.0% / YR	2.00%	\$ 43,177
GENERAL REQUIREMENTS		\$ 285,640
CM CONTINGENCY	4.00%	\$ 99,507
CM FEE	3.50%	\$ 90,551
STATE PERMIT FEE	0.026%	\$ 696
PRECON FEE		\$ -
		<i>\$46,000 PreCon fee carried in Owners Budget</i>
TOTAL CONSTRUCTION COST		\$ 2,678,428
Project Funding		\$ 2,740,000
Variance		\$ (61,572)

Estimate Based on the Following:

Plans :	Dated
Schematic Design Package by: Smith Edwards McCoy	November 24, 2015
AD1.1, AD2.1, AD3.1, A1.1, A1.2, A2.1, A3.1, A4.1	
A1.1, A2.1, A3.2 - V.E.	January 18, 2016
Email dated 2/9/16 From Gerilyn Hoerauf	February 9, 2016
Design Development Package by: Smith Edwards McCoy	February 19, 2016
Specifications:	Dated
Schematic Design Report by: Smith Edwards McCoy	November 24, 2015
Design Development Report by: Smith Edwards McCoy	February 19, 2016
Specifications:	Dated
Schematic Design Report by: nextstage design	October 30, 2015
SK-01,SK-02,SK-03,SK-04,SK-05	
First Floor	14,400 SF
Total	14,400 SF

ADD Alternate 1: Replace / Relocate Left AHU from Mezz to Roof	\$271,400
ADD Alternate 2: Replace / Relocate 3 AHU from Mezz to Roof	\$555,400
**ADD Alternate 3: Add Rigging for Drapes	\$150,000
ADD Alternate 4: Add Theatrical Lighting	\$125,000
ADD Alternate 5: Continuation of Catwalk w/ Spiral Stair	\$47,100
ADD Alternate 6: Add Wireless Microphone System	\$90,000
ADD Alternate 7: Add Theatre Grade Projector	\$85,000
ADD Alternate 7: Add Presentation Grade Projector	\$28,000

** Alternate No. 1 must be selected to use this Alternate

State Project No.

NEWFIELD

NEWTOWN HIGH SCHOOL
AUDITORIUM
Design Development Estimate

State Project No.

March 14, 2016

15,250

Description	Quantity	Unit	Unit Price	Cost	Division Total
General Requirements					
GENERAL CONDITIONS	1	Est.	\$ 40,200	\$ 40,200	\$ 40,200
TEMPORARY HEAT / WINTER CONDITIONS		NA	\$ -	\$ -	
Existing Conditions					
SELECTIVE DEMOLITION	1	Est.	\$ 104,096	\$ 104,096	\$ 104,096
Concrete					
CONCRETE	1	Est.	\$ 98,743	\$ 98,743	\$ 98,743
Masonry					
MASONRY	1	Est.	\$ 12,120	\$ 12,120	\$ 12,120
Steel					
STRUCTURAL STEEL	1	Est.	\$ 60,625	\$ 60,625	\$ 60,625
MISCELLANEOUS METALS		In Above		\$ -	
Carpentry					
ROUGH CARPENTRY	1	Est.	\$ 5,765	\$ 5,765	\$ 61,590
ROOF BLOCKING	1	Est.	\$ 1,700	\$ 1,700	
FINISH CARPENTRY	1	Est.	\$ 18,875	\$ 18,875	
MILLWORK	1	Ea	\$ 35,250	\$ 35,250	
Thermal & Moisture Protection					
ROOFING	1	Est.	\$ 6,000	\$ 6,000	\$ 12,500
FIRESTOPPING	1	Est.	\$ 3,000	\$ 3,000	
JOINT SEALANTS	1	Est.	\$ 3,500	\$ 3,500	
Doors & Windows					
DOORS/FRAMES/HARDWARE	1	Est.	\$ 13,850	\$ 13,850	\$ 18,530
WINDOWS / INTERIOR GLAZING	1	Est.	\$ 4,680	\$ 4,680	
Finishes					
DRYWALL	1	Est.	\$ 273,634	\$ 273,634	\$ 503,374
ACOUSTICAL TREATMENT	1	Est.	\$ 175,000	\$ 175,000	
ACOUSTICAL CEILINGS	1	Est.	\$ 2,700	\$ 2,700	
FLOORING	1	Est.	\$ 5,950	\$ 5,950	
PAINTING	1	Est.	\$ 46,090	\$ 46,090	
Specialties					
VISUAL DISPLAY UNITS		NA	\$ -	\$ -	\$ 1,500
SIGNAGE	1	Est.	\$ 1,500	\$ 1,500	
DISPLAY CASES	1	Est.	\$ -	\$ -	
Equipment					
Theater Equipment / A/V	1	Allowance	\$ 582,000	\$ 582,000	\$ 582,000
Furnishings					
FIXED AUDIENCE SEATING		In Theater	\$ -	\$ -	\$ -
Special Construction					
Special Construction		NA		\$ -	\$ -
Hoisting					
ELEVATOR	1	NA	\$ 12,500	\$ 12,500	\$ 12,500
Mechanical					
FIRE PROTECTION	1	Est.	\$ 53,000	\$ 53,000	\$ 185,963
PLUMBING		NA	\$ -	\$ -	
HVAC	1	Est.	\$ 132,963	\$ 132,963	
Electrical					
ELECTRIC	1	Est.	\$ 241,355	\$ 241,355	\$ 241,355

NEWFIELD

NEWTOWN HIGH SCHOOL

State Project No.

AUDITORIUM

Design Development Estimate

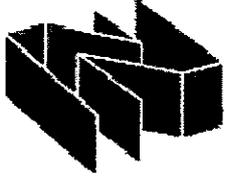
March 14, 2016

15,250

Sitework				\$ 27,500
EARTHWORK (GeoFoam Stage)	0	CY	\$ 130	\$ -
EARTHWORK (GeoFoam Ramps)	0	CY	\$ 130	\$ -
EARTHWORK (Structural Fill at Main Seating Floor)	500	CY	\$ 35	\$ 17,500
EXTERIOR IMPROVEMENTS		NA		\$ -
UTILITIES		NA		\$ -
Exterior - STAGING / LAYDOWN AREA w/ CL Fence	1	Est.	\$ 10,000	\$ 10,000
TOTAL				\$ 1,982,597
				\$ 1,962,597
ESTIMATE CONTINGENCY	10.00%			\$ 196,260
ESCALATION 4.0% / YR	2.00%			\$ 43,177
GENERAL REQUIREMENTS				\$ 285,640
CM CONTINGENCY	4.00%			\$ 99,507
CM FEE	3.50%			\$ 90,551
STATE PERMIT FEE	0.00026			\$ 696
PRECON FEE			In Owners Soft Costs \$46,000	\$ -
TOTAL				\$ 2,678,428
TOTAL CONSTRUCTION COST				\$ 2,678,428
Project Funding				\$ 2,740,000
Variance				\$ (61,572)

Estimate Based on the Following:		
Plans :		
Schematic Design Package by: Smith Edwards McCoy	Dated	November 24, 2015
AD1.1, AD2.1, AD3.1, A1.1, A1.2, A2.1, A3.1, A4.1		
Design Development Package by: Smith Edwards McCoy	Dated	February 19, 2016
Specifications:		
Schematic Design Report by: Smith Edwards McCoy	Dated	November 24, 2015
Design Development Report by: Smith Edwards McCoy	Dated	February 19, 2016
Specifications:		
Schematic Design Report by: nextstage design	Dated	October 30, 2015
SK-01,SK-02,SK-03,SK-04,SK-06		
First Floor	14,400	SF
Mezzanine	850	SF
Total	15,250	
ADD Alternate 1: Replace / Relocate Left AHU from Mezz to Roof	\$271,400	
ADD Alternate 2: Replace / Relocate 3 AHU from Mezz to Roof	\$555,400	
**ADD Alternate 3: Add Rigging for Drapes	\$150,000	
ADD Alternate 4: Add Theatrical Lighting	\$125,000	
ADD Alternate 5: Continuation of Catwalk w/ Spiral Stair	\$47,100	
ADD Alternate 6: Add Wireless Microphone System	\$90,000	
ADD Alternate 7: Add Theatre Grade Projector	\$85,000	
ADD Alternate 7: Add Presentation Grade Projector	\$28,000	
** Alternate No. 1 must be selected to use this Alternate		

\$1,351,900



Newfield

NEWTOWN HIGH SCHOOL
AUDITORIUM

STATE PROJECT NO. [REDACTED]

Design Development Phase I Estimate - DEMOLITION

Plans by: SMITH EDWARDS McCOY ARCHITECTS

Dated : 2/19/16



NEWTOWN HIGH SCHOOL
AUDITORIUM
Design Development Phase I Estimate - DEMOLITION
March 14, 2016

		Design Development Estimate
General Requirements		\$ 8,625
Existing Conditions DEMOLITION		\$ 104,096
Concrete		\$ -
Masonry		\$ -
Metals		\$ -
Wood & Plastics		\$ -
Thermal & Moisture Protection		\$ 3,000
Doors & Windows		\$ -
Finishes		\$ -
Specialties		\$ -
Equipment		\$ -
Furnishings		\$ -
Special Construction		NA
Hoisting		\$ -
Mechanical		\$ 17,229
Electrical		\$ 22,625
Earthwork / Exterior Improvements / Utilities / Geo Foam		\$ 10,000
Total		\$ 165,575
ESTIMATE CONTINGENCY	10.00%	\$ 16,557
ESCALATION 4.0% / YR	2.00%	\$ 3,643
GENERAL REQUIREMENTS		\$ 45,000
CM CONTINGENCY	4.00%	\$ 9,231
CM FEE	3.50%	\$ 8,400
STATE PERMIT FEE	0.026%	\$ 65
PRECON FEE	\$46,000 PreCon fee carried in Owners Budget	\$ -
TOTAL CONSTRUCTION COST		\$ 248,471
Project Funding		\$ 2,740,000
Variance		\$ (2,491,529)

Estimate Based on the Following:		
Plans :		
Schematic Design Package by: Smith Edwards McCoy		<i>Dated</i> November 24, 2015
AD1.1, AD2.1, AD3.1, A1.1, A1.2, A2.1, A3.1, A4.1		
A1.1, A2.1, A3.2 - V.E.		January 18, 2016
Email dated 2/9/16 From GERALYN HOERAUF		February 9, 2016
Design Development Package by: Smith Edwards McCoy		February 19, 2016
Specifications:		
Schematic Design Report by: Smith Edwards McCoy		<i>Dated</i> November 24, 2015
Design Development Report by: Smith Edwards McCoy		February 19, 2016
Specifications:		
Schematic Design Report by: nextstage design		<i>Dated</i> October 30, 2015
SK-01, SK-02, SK-03, SK-04, SK-05		
First Floor	14,400	SF
Total	14,400	SF
Alternate 1:		NA
Alternate 2:		NA

State Project No.

NEWFIELD

NEWTOWN HIGH SCHOOL

State Project No.

AUDITORIUM

Design Development Phase I Estimate - DEMOLITION

March 14, 2016

15,250

Description	Quantity	Unit	Unit Price	Cost	Division Total
General Requirements					
GENERAL CONDITIONS	1	Est.	\$ 8,625	\$ 8,625	\$ 8,625
TEMPORARY HEAT / WINTER CONDITIONS		NA	\$ -	\$ -	
Existing Conditions					
SELECTIVE DEMOLITION	1	Est.	\$ 104,096	\$ 104,096	\$ 104,096
Concrete					
CONCRETE	1	Est.	\$ -	\$ -	\$ -
Masonry					
MASONRY	1	Est.	\$ -	\$ -	\$ -
Steel					
STRUCTURAL STEEL	1	Est.	\$ -	\$ -	\$ -
MISCELLANEOUS METALS		In Above			
Carpentry					
ROUGH CARPENTRY	1	Est.	\$ -	\$ -	\$ -
ROOF BLOCKING	1	Est.	\$ -	\$ -	\$ -
FINISH CARPENTRY	1	Est.	\$ -	\$ -	\$ -
MILLWORK	1	Ea	\$ -	\$ -	\$ -
Thermal & Moisture Protection					
ROOFING	1	Est.	\$ -	\$ -	\$ 3,000
FIRESTOPPING	1	Est.	\$ 3,000	\$ 3,000	
JOINT SEALANTS	1	Est.	\$ -	\$ -	
Doors & Windows					
DOORS/FRAMES/HARDWARE	1	Est.	\$ -	\$ -	\$ -
WINDOWS / INTERIOR GLAZING	1	Est.	\$ -	\$ -	\$ -
Finishes					
DRYWALL	1	Est.	\$ -	\$ -	\$ -
ACOUSTICAL TREATMENT	1	Est.	\$ -	\$ -	\$ -
ACOUSTICAL CEILINGS	1	Est.	\$ -	\$ -	\$ -
FLOORING	1	Est.	\$ -	\$ -	\$ -
PAINTING	1	Est.	\$ -	\$ -	\$ -
Specialties					
VISUAL DISPLAY UNITS		NA	\$ -	\$ -	\$ -
SIGNAGE	1	Est.	\$ -	\$ -	\$ -
DISPLAY CASES	1	Est.	\$ -	\$ -	\$ -
Equipment					
Theater Equipment / A / V	1	Allowance	\$ -	\$ -	\$ -
Furnishings					
FIXED AUDIENCE SEATING		In Theater	\$ -	\$ -	\$ -
Special Construction					
Special Construction		NA		\$ -	\$ -
Hoisting					
ELEVATOR	1	NA	\$ -	\$ -	\$ -
Mechanical					
FIRE PROTECTION	1	Est.	\$ 3,500	\$ 3,500	\$ 17,229
PLUMBING		NA	\$ -	\$ -	
HVAC	1	Est.	\$ 13,729	\$ 13,729	
Electrical					
ELECTRIC	1	Est.	\$ 22,625	\$ 22,625	\$ 22,625

NEWFIELD

NEWTOWN HIGH SCHOOL

State Project No.

AUDITORIUM

Design Development Phase I Estimate - DEMOLITION

March 14, 2016

15,250

Sitework					\$	10,000
EARTHWORK (GeoFoam Stage)	0	CY	\$ 130	\$	-	
EARTHWORK (GeoFoam Ramps)	0	CY	\$ 130	\$	-	
EARTHWORK (Structural Fill at Main Seating Floor)		CY	\$ 35	\$	-	
EXTERIOR IMPROVEMENTS		NA		\$	-	
UTILITIES		NA		\$	-	
Exterior - STAGING / LAYDOWN AREA w/ CL Fence	1	Est.	\$ 10,000	\$	10,000	
TOTAL				\$	165,575	\$ 165,575
ESTIMATE CONTINGENCY	10.00%			\$	16,557	
ESCALATION 4.0% / YR	2.00%			\$	3,643	
GENERAL REQUIREMENTS				\$	45,000	
CM CONTINGENCY	4.00%			\$	9,231	
CM FEE	3.50%			\$	8,400	
STATE PERMIT FEE	0.00026			\$	65	
PRECON FEE		In Owners Soft Costs \$46,000		\$	-	
TOTAL				\$	248,471	
TOTAL CONSTRUCTION COST				\$	248,471	
Project Funding				\$	2,740,000	
Variance				\$	(2,491,529)	

Estimate Based on the Following:		
Plans :		
Schematic Design Package by: Smith Edwards McCoy		<i>Dated</i> November 24, 2015
AD1.1, AD2.1, AD3.1, A1.1, A1.2, A2.1, A3.1, A4.1		
Design Development Package by: Smith Edwards McCoy		<i>Dated</i> February 19, 2016
Specifications:		
Schematic Design Report by: Smith Edwards McCoy		<i>Dated</i> November 24, 2015
Design Development Package by: Smith Edwards McCoy		<i>Dated</i> February 19, 2016
Specifications:		
Schematic Design Report by: nextslage design		<i>Dated</i> October 30, 2015
SK-01,SK-02,SK-03,SK-04,SK-06		
First Floor	14,400	SF
Mezzanine	850	SF
Total	15,250	



SMITHEDWARDSM^{CO}COY
A R C H I T E C T S

**Newtown High School – Selective Demolition Specification
Phase 1 of 2**

12 Berkshire Road, Newtown, Connecticut 06482
OSCG Project No. 097-JSLJ

February 01, 2016- Construction Documents Submittal

PHASE 1 OF 2

INTRODUCTORY INFORMATION

PROJECT MANUAL COVER
PROJECT DIRECTORY
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DIVISION 01 - GENERAL REQUIREMENTS

010000	SUMMARY
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012900	PAYMENT PROCEDURES
013100	PROJECT MANAGEMENT AND COORDINATION
013300	SUBMITTAL PROCEDURES
014000	QUALITY REQUIREMENTS
015000	TEMPORARY FACILITIES AND CONTROLS
016000	PRODUCT REQUIREMENTS
017300	EXECUTION
017419	CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL
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DIVISION 02 - EXISTING CONDITIONS

024119 SELECTIVE DEMOLITION

DIVISION 03 – CONCRETE-NIPS

DIVISION 04 - MASONRY-NIPS

DIVISION 05 - METALS-NIPS

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES-NIPS

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DIVISION 13 - SPECIAL CONSTRUCTION-NIPS

DIVISION 14 - CONVEYING EQUIPMENT-NIPS

DIVISION 21 - FIRE SUPPRESSION-NIPS

DIVISION 22 – PLUMBING-NIPS

DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING-NIPS

NEWTOWN HIGH SCHOOL
SDE PROJECT # 097-JSLJ
SELECTIVE DEMOLITION SPECIFICATION

SMITHEDWARDSMcCOY ARCHITECTS
FEBRUARY 01, 2016

DIVISION 26 – ELECTRICAL-NIPS

DIVISION 31 - EARTHWORK-NIPS

DIVISION 32 - EXTERIOR SITE IMPROVEMENTS-NIPS

DIVISION 33 - UTILITIES-NIPS

DIVISION 34 – TRANSPORTATION--NIPS

*NIPS= NOT IN PROJECT SCOPE

SECTION 010000 - SUMMARY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes:

- 1. Project information.
- 2. Work covered by Contract Documents.
- 3. Access to site.
- 4. Work restrictions.

- B. Related Section:

- 1. Division 01 Section "Temporary Facilities and Controls" for limitations and procedures governing temporary use of Owner's facilities.

1.3 PROJECT INFORMATION

- A. Project Identification: Newtown High School Auditorium.

- 1. Project Location: 12 Berkshire Road, Newtown, CT 06482.

- B. Owner: The Town of Newtown, Board of Selectmen.

- C. Owner's Representative: STV/DPM Program Management, 280 Trumbull Street, 4th floor Hartford, CT 06103

- D. Architect: Smith Edwards McCoy Architects, 100 Allyn Street, Suite 400, Hartford, CT 06103.

- E. Construction Manager: Newfield Construction, 225 Newfield Avenue, Hartford, CT 06106.

- 1. Construction Manager has been engaged for this Project to serve as an advisor to Owner and to provide assistance in administering the Contract for Construction between Owner and each Contractor, according to a separate contract between Owner and Construction Manager.
- 2. Construction Manager for this Project is Project's constructor. In Divisions 01 through 49 Sections, the terms "Construction Manager" and "Contractor" are synonymous.

1.4 WORK COVERED BY CONTRACT DOCUMENTS

- A. The Work of the Project is defined by the Contract Documents and consists of the following:
 - 1. The selective demolition of specific building features including the existing auditorium seating, floor finishes, carpeting, vinyl wall coverings, acoustical panels and ceiling systems as noted on the demolition drawings.
- B. Type of Contract
 - 1. Project will be constructed under a single prime contract.
 - 2. Project will be constructed under coordinated, concurrent multiple contracts. See Division 01 Section "Multiple Contract Summary" for a description of work included under each of the multiple contracts and for the responsibilities of the Project coordinator. Contracts for this Project include the following:
 - a. **To Be Determined.**

1.5 ACCESS TO SITE

- A. General: Contractor shall have full use of Project site for construction operations during construction period. Contractor's use of Project site is limited only by Owner's right to perform work or to retain other contractors on portions of Project.
- B. General: Contractor shall have limited use of Project site for construction operations as indicated on Drawings by the Contract limits and as indicated by requirements of this Section.
- C. Use of Site: Limit use of Project site to areas within the Contract limits indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.
 - 1. Driveways, Walkways and Entrances: Keep driveways and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
 - a. Schedule deliveries to minimize use of driveways and entrances by construction operations.
- D. Condition of Existing Building: Maintain portions of existing building affected by construction operations in a weathertight condition throughout construction period. Repair damage caused by construction operations.
- E. Protect existing building features indicated to "remain". Protect existing terrazzo floors, windows, ornamental features and decorative plaster details.

1.6 WORK RESTRICTIONS

- A. Work Restrictions, General: Comply with restrictions on construction operations.
 - 1. Comply with limitations on use of public streets and other requirements of authorities having jurisdiction.

- B. On-Site Work Hours: Limit work in the existing building to normal business working hours of 7:00 a.m. to 4:00 p.m., Monday through Friday, except as otherwise indicated.
 - 1. Weekend Hours: TBD.
 - 2. Early Morning Hours: None.
 - 3. Hours for Utility Shutdowns: TBD.
 - 4. Hours for Core Drilling: Permitted during normal working hours.
- C. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:
 - 1. Notify Construction Manager not less than two days in advance of proposed utility interruptions.
 - 2. Obtain Construction Manager's written permission before proceeding with utility interruptions.
- D. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to Owner occupancy with Owner.
 - 1. Notify Construction Manager not less than two days in advance of proposed disruptive operations.
 - 2. Obtain Construction Manager's written permission before proceeding with disruptive operations.
- E. Nonsmoking Building: Smoking is not permitted within the building or on the project site.
- F. Controlled Substances: Use of tobacco products and other controlled substances within the existing building on the Project site is not permitted.
- G. Employee Identification: Provide identification tags for Contractor personnel working on the Project site. Require personnel to utilize identification tags at all times.
- H. Employee Screening: Comply with Owner's requirements regarding background screening of Contractor personnel working on the Project site.
 - 1. Maintain list of approved screened personnel with Owner's Representative.

1.7 SPECIFICATION AND DRAWING CONVENTIONS

- A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
 - 1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
 - 2. Specification requirements are to be performed by Contractor unless specifically stated otherwise.

- B. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.
- C. Drawing Coordination: Requirements for materials and products identified on the Drawings are described in detail in the Specifications. One or more of the following are used on the Drawings to identify materials and products:
 - 1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
 - 2. Abbreviations: Materials and products are identified by abbreviations published as part of the U.S. National CAD Standard and scheduled on Drawings.
 - 3. Keynoting: Materials and products are identified by reference keynotes referencing Specification Section numbers found in this Project Manual.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 011000

SECTION 024119 - SELECTIVE DEMOLITION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Demolition and removal of selected portions of building including the existing auditorium seating, floor finishes, carpet, vinyl wall covering, acoustical panels and ceiling systems and specific doors.
 - 2. Salvage of existing items to be reused or recycled.
- B. Related Sections include the following:
 - 1. Division 01 Section "Summary" for use of premises and Owner-occupancy requirements.
 - 2. Division 01 Section "Temporary Facilities and Controls" for temporary construction and environmental-protection measures for selective demolition operations.
 - 3. Division 01 Section "Cutting and Patching" for cutting and patching procedures.
 - 4. Division 01 Section "Construction Waste Management and Disposal" for disposal of demolished materials.

1.3 DEFINITIONS

- A. Remove: Detach items from existing construction and legally dispose of them off-site, unless indicated to be removed and salvaged or removed and reinstalled.
- B. Remove and Salvage: Detach items from existing construction and deliver them to Owner.
- C. Remove and Reinstall: Detach items from existing construction, prepare them for reuse, and reinstall them where indicated.
- D. Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.

1.4 MATERIALS OWNERSHIP

- A. Historic items, relics, and similar objects including, but not limited to, cornerstones and their contents, commemorative plaques and tablets, antiques and other items of interest or value to Owner that may be encountered during selective demolition remain Owner's property.

Carefully remove and salvage each item or object in a manner to prevent damage and deliver promptly to Owner.

1.5 SUBMITTALS

- A. Qualification Data: For demolition firm, professional engineer and refrigerant recovery technician.
- B. Schedule of Selective Demolition Activities: Indicate the following:
 - 1. Detailed sequence of selective demolition and removal work, with starting and ending dates for each activity. Ensure Owner's on-site operations are uninterrupted.
 - 2. Interruption of utility services. Indicate how long utility services will be interrupted.
 - 3. Coordination for shutoff, capping, and continuation of utility services.
 - 4. Use of elevator and stairs.
 - 5. Locations of proposed dust- and noise-control temporary partitions and means of egress.
 - 6. Coordination of Owner's continuing occupancy of portions of existing building and of Owner's partial occupancy of completed Work.
 - 7. Means of protection for items to remain and items in path of waste removal from building.
- C. Inventory: After selective demolition is complete, submit a list of items that have been removed and salvaged.
- D. Predemolition Photographs: Show existing conditions of adjoining construction and site improvements, including finish surfaces, that might be misconstrued as damage caused by selective demolition operations. Comply with Division 01 Section "Photographic Documentation." Submit before Work begins.
- E. Landfill Records: Indicate receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.
 - 1. Comply with submittal requirements in Division 01 Section "Construction Waste Management and Disposal."

1.6 QUALITY ASSURANCE

- A. Demolition Firm Qualifications: An experienced firm that has specialized in demolition work similar in material and extent to that indicated for this Project.
- B. Refrigerant Recovery Technician Qualifications: Certified by an EPA-approved certification program.
- C. Regulatory Requirements: Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
- D. Standards: Comply with ANSI A10.6 and NFPA 241.

- E. Predemolition Conference: Conduct conference at Project site to comply with requirements in Division 01 Section "Project Management and Coordination." Review methods and procedures related to selective demolition including, but not limited to, the following:
 - 1. Inspect and discuss condition of construction to be selectively demolished.
 - 2. Review structural load limitations of existing structure.
 - 3. Review and finalize selective demolition schedule and verify availability of materials, demolition personnel, equipment, and facilities needed to make progress and avoid delays.
 - 4. Review requirements of work performed by other trades that rely on substrates exposed by selective demolition operations.
 - 5. Review areas where existing construction is to remain and requires protection.

1.7 PROJECT CONDITIONS

- A. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.
 - 1. Comply with requirements specified in Division 01 Section "Summary."
- B. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.
 - 1. Before selective demolition, Owner will remove the following items:
 - a. Stage curtains, travelers and associated components.
 - b. Theatrical lighting and control equipment.
 - c. Projection and Sound equipment.
- C. Notify Architect of discrepancies between existing conditions and Drawings before proceeding with selective demolition.
- D. Storage or sale of removed items or materials on-site is not permitted.
- E. Utility Service: Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.
 - 1. Maintain fire-protection facilities in service during selective demolition operations.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that utilities have been disconnected and capped.
- B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
- C. Inventory and record the condition of items to be removed and reinstalled and items to be removed and salvaged.
- D. When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Architect.
- E. Engage a professional engineer to survey condition of building to determine whether removing any element might result in structural deficiency or unplanned collapse of any portion of structure or adjacent structures during selective demolition operations.
- F. Survey of Existing Conditions: Record existing conditions by use of preconstruction photographs.
 - 1. Comply with requirements specified in Division 01 Section "Photographic Documentation."
 - 2. Before selective demolition or removal of existing building elements that will be reproduced or duplicated in final Work, make permanent record of measurements, materials, and construction details required to make exact reproduction.
- G. Perform surveys as the Work progresses to detect hazards resulting from selective demolition activities.

3.2 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

- A. Existing Services/Systems: Maintain services/systems indicated to remain and protect them against damage during selective demolition operations.
 - 1. Comply with requirements for existing services/systems interruptions specified in Division 01 Section "Summary."
- B. Service/System Requirements: Locate, identify, disconnect, and seal or cap off indicated utility services and mechanical/electrical systems serving areas to be selectively demolished.
 - 1. Owner will arrange to shut off indicated services/systems when requested by Contractor.
 - 2. Arrange to shut off indicated utilities with utility companies.

3. If services/systems are required to be removed, relocated, or abandoned, before proceeding with selective demolition provide temporary services/systems that bypass area of selective demolition and that maintain continuity of services/systems to other parts of building.
4. Cut off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing.
 - a. Where entire wall is to be removed, existing services/systems may be removed with removal of the wall.

3.3 PREPARATION

- A. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
 1. Comply with requirements for access and protection specified in Division 01 Section "Temporary Facilities and Controls."
- B. Temporary Facilities: Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
 1. Provide protection to ensure safe passage of people around selective demolition area and to and from occupied portions of building.
 2. Provide temporary weather protection, during interval between selective demolition of existing construction on exterior surfaces and new construction, to prevent water leakage and damage to structure and interior areas.
 3. Protect walls, ceilings, floors, and other existing finish work that are to remain or that are exposed during selective demolition operations.
 4. Cover and protect furniture, furnishings, and equipment that have not been removed.
 5. Comply with requirements for temporary enclosures, dust control, heating, and cooling specified in Division 01 Section "Temporary Facilities and Controls."
- C. Temporary Shoring: Provide and maintain shoring, bracing, and structural supports as required to preserve stability and prevent movement, settlement, or collapse of construction and finishes to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished.
 1. Strengthen or add new supports when required during progress of selective demolition.

3.4 SELECTIVE DEMOLITION, GENERAL

- A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:
 1. Proceed with selective demolition systematically, from higher to lower level. Complete selective demolition operations above each floor or tier before disturbing supporting members on the next lower level.

2. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chopping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.
3. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
4. Do not use cutting torches until work area is cleared of flammable materials. At concealed spaces, such as duct and pipe interiors, verify condition and contents of hidden space before starting flame-cutting operations. Maintain fire watch and portable fire-suppression devices during flame-cutting operations.
5. Maintain adequate ventilation when using cutting torches.
6. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.
7. Remove structural framing members and lower to ground by method suitable to avoid free fall and to prevent ground impact or dust generation.
8. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
9. Dispose of demolished items and materials promptly. Comply with requirements in Division 01 Section "Construction Waste Management and Disposal."

B. Removed and Salvaged Items:

1. Clean salvaged items.
2. Pack or crate items after cleaning. Identify contents of containers.
3. Store items in a secure area until delivery to Owner.
4. Transport items to Owner's storage area designated by Owner.
5. Protect items from damage during transport and storage.

C. Removed and Reinstalled Items:

1. Clean and repair items to functional condition adequate for intended reuse. Paint equipment to match new equipment.
2. Pack or crate items after cleaning and repairing. Identify contents of containers.
3. Protect items from damage during transport and storage.
4. Reinstall items in locations indicated. Comply with installation requirements for new materials and equipment. Provide connections, supports, and miscellaneous materials necessary to make item functional for use indicated.

- D. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by Architect, items may be removed to a suitable, protected storage location during selective demolition and reinstalled in their original locations after selective demolition operations are complete.

3.5 SELECTIVE DEMOLITION PROCEDURES FOR SPECIFIC MATERIALS

- A. Concrete: Demolish in small sections. Cut concrete to a depth of at least 3/4 inch (19 mm) at junctures with construction to remain, using power-driven saw. Dislodge concrete from reinforcement at perimeter of areas being demolished, cut reinforcement, and then remove

remainder of concrete indicated for selective demolition. Neatly trim openings to dimensions indicated.

- B. Masonry: Demolish in small sections. Cut masonry at junctures with construction to remain, using power-driven saw, then remove masonry between saw cuts.
- C. Air-Conditioning Equipment: Remove equipment without releasing refrigerants.

3.6 DISPOSAL OF DEMOLISHED MATERIALS

- A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.
 - 1. Do not allow demolished materials to accumulate on-site.
 - 2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
 - 3. Remove debris from elevated portions of building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
 - 4. Comply with requirements specified in Division 01 Section "Construction Waste Management and Disposal."
- B. Burning: Do not burn demolished materials.
- C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

3.7 CLEANING

- A. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

END OF SECTION 024119

RENOVATIONS TO THE NEWTOWN HIGH SCHOOL AUDITORIUM

12 BERKSHIRE ROAD, SANDY HOOK, CONNECTICUT 06482

PHASE 1 - SELECTIVE DEMOLITION PACKAGE
FEBRUARY 1, 2016

PROGRAM MANAGER
STV / DPM
280 TRUMBULL STREET, 14TH FLOOR
HARTFORD, CT 06103-3509
t. 860.882.5600

ARCHITECT
SMITH EDWARDS MCCOY ARCHITECTS
100 ALLYN STREET, 4TH FL
HARTFORD, CT 06103
t. 860.560.6000

OWNER
BOARD OF EDUCATION
TOWN OF NEWTOWN
3 PRIMROSE STREET
NEWTOWN, CT 06470

MECHANICAL ENGINEER
CONSULTING ENGINEERING SERVICES
811 MIDDLE STREET
MIDDLETOWN, CT 06457
t. 860.632.1682

STRUCTURAL ENGINEER
MACCHI ENGINEERS
44 GILLET STREET, FL. 1
HARTFORD, CT 06105
t. 860.549.6190

SMITH DWIGINS & COY
 ARCHITECTS
 1000 ...

CONTRACT NO. ...
 PROJECT NO. ...

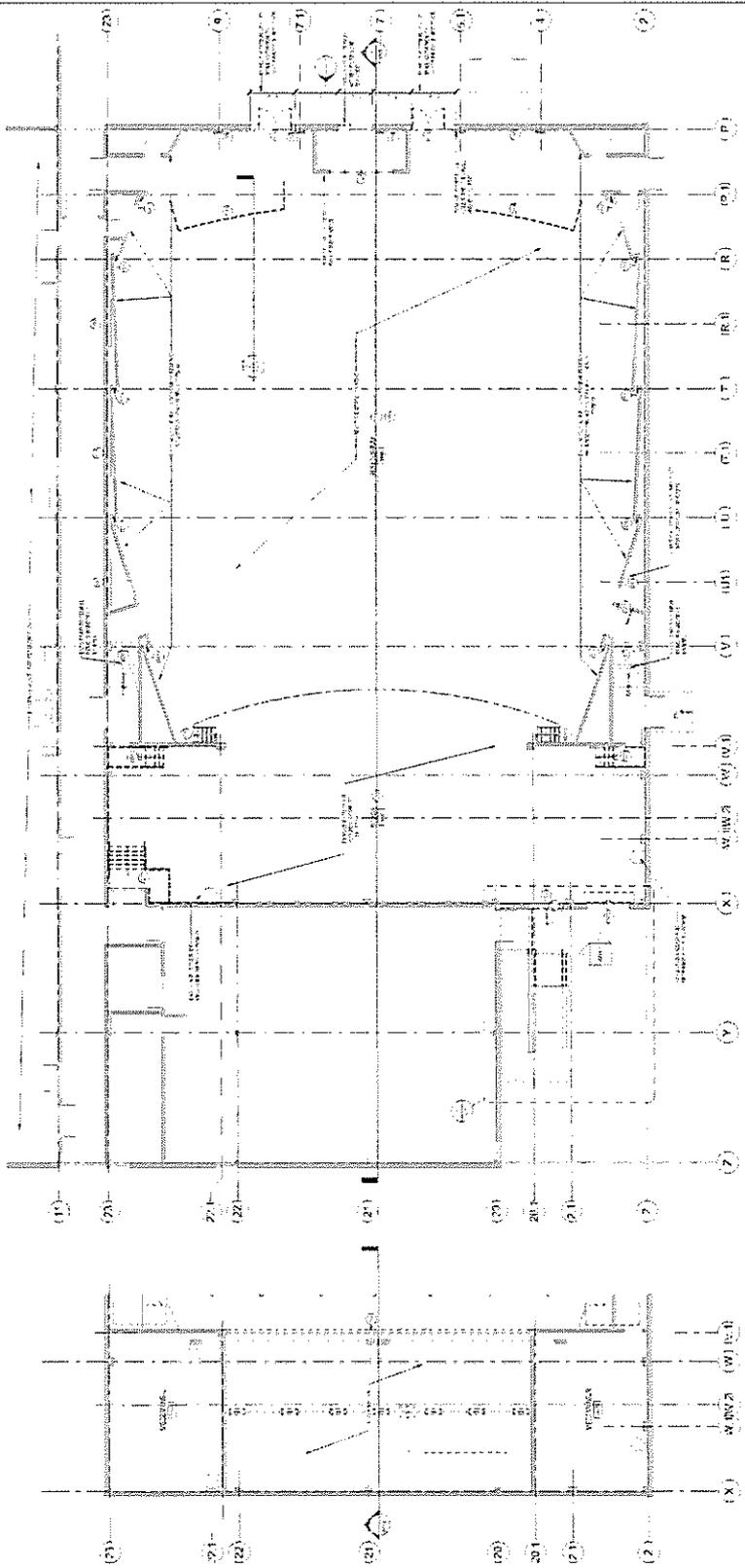
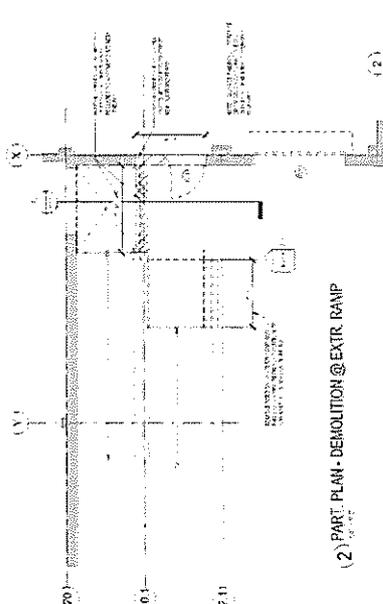
REVISIONS TO
 NEWBURN HIGH SCHOOL
 1st Phase Construction
 PHASE I
 SELECTION OF DEMOLITION
 PACKAGE

DEMOLITION PLAN -
 MAIN FLOOR

AD1.1

DEMOLITION LEGEND

SYMBOL	DESCRIPTION
(Symbol: Dashed line)	1. EXISTING STRUCTURE
(Symbol: Solid line)	2. NEW CONSTRUCTION
(Symbol: Dotted line)	3. DEMOLITION
(Symbol: Stippled area)	4. DEMOLITION AREA TO BE REMOVED
(Symbol: Shaded area)	5. DEMOLITION AREA TO BE PRESERVED
(Symbol: Circle with X)	6. EXISTING COLUMN
(Symbol: Circle with dot)	7. NEW COLUMN
(Symbol: Circle with cross)	8. EXISTING BEAM
(Symbol: Circle with triangle)	9. NEW BEAM
(Symbol: Circle with square)	10. EXISTING WALL
(Symbol: Circle with diamond)	11. NEW WALL
(Symbol: Circle with star)	12. EXISTING DOOR
(Symbol: Circle with circle)	13. NEW DOOR
(Symbol: Circle with plus)	14. EXISTING WINDOW
(Symbol: Circle with asterisk)	15. NEW WINDOW
(Symbol: Circle with hash)	16. EXISTING STAIR
(Symbol: Circle with percent)	17. NEW STAIR
(Symbol: Circle with ampersand)	18. EXISTING ELEVATOR
(Symbol: Circle with dollar)	19. NEW ELEVATOR
(Symbol: Circle with euro)	20. EXISTING MECHANICAL
(Symbol: Circle with yen)	21. NEW MECHANICAL
(Symbol: Circle with pound)	22. EXISTING ELECTRICAL
(Symbol: Circle with ruble)	23. NEW ELECTRICAL
(Symbol: Circle with rouble)	24. EXISTING PIPING
(Symbol: Circle with real)	25. NEW PIPING
(Symbol: Circle with dollar sign)	26. EXISTING ROOF
(Symbol: Circle with percent sign)	27. NEW ROOF
(Symbol: Circle with ampersand sign)	28. EXISTING FLOOR
(Symbol: Circle with dollar sign)	29. NEW FLOOR
(Symbol: Circle with percent sign)	30. EXISTING CEILING
(Symbol: Circle with ampersand sign)	31. NEW CEILING
(Symbol: Circle with dollar sign)	32. EXISTING INTERIOR FINISH
(Symbol: Circle with percent sign)	33. NEW INTERIOR FINISH
(Symbol: Circle with ampersand sign)	34. EXISTING EXTERIOR FINISH
(Symbol: Circle with dollar sign)	35. NEW EXTERIOR FINISH
(Symbol: Circle with percent sign)	36. EXISTING LANDSCAPE
(Symbol: Circle with ampersand sign)	37. NEW LANDSCAPE
(Symbol: Circle with dollar sign)	38. EXISTING UTILITIES
(Symbol: Circle with percent sign)	39. NEW UTILITIES
(Symbol: Circle with ampersand sign)	40. EXISTING SITEWORK
(Symbol: Circle with dollar sign)	41. NEW SITEWORK



(1) DEMOLITION MAIN FLOOR PLAN

(2) PART PLAN @ MEZZANINE

STUDING AREA DO NOT USE

SMITH, JAWORSKI & COY
 ARCHITECTS
 1000 ...

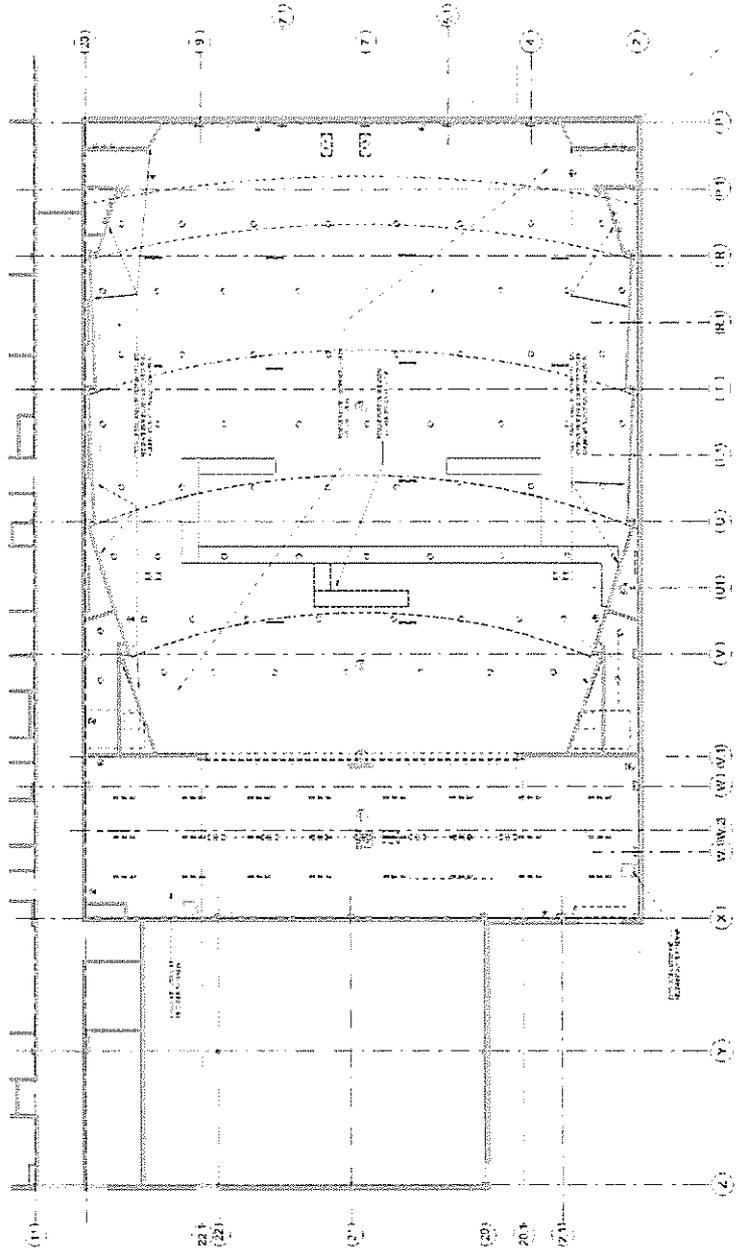
CONSTRUCTION NOTES
 1. ...
 2. ...
 3. ...

RELOCATIONS TO
 NEW CURTAIN WALL
 1" Recessed Head
 Sash Jamb Connected
 TO CASE 1
 SELECTION
 DEMOLITION
 PACKAGE
 REFLECTED CEILING
 PLAN

AD2.1

KEY
 ...
 DEMOLITION LEGEND

NO.	DESCRIPTION
1	...
2	...
3	...
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97	...
98	...
99	...
100	...



1) DEMOLITION MAIN FLOOR RCP

BUILDING AREA DO NOT USE

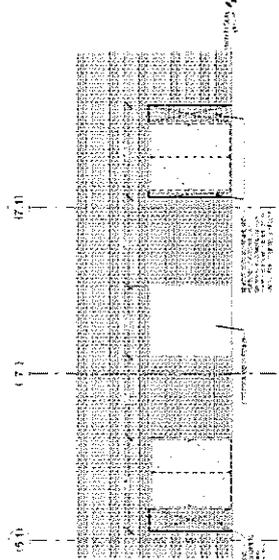
REVISIONS TO
DRAWING NO. AD3.1

REVISIONS TO
DRAWING NO. AD3.1
PHASE I
SELECTIVE DEMOLITION
PACKAGE

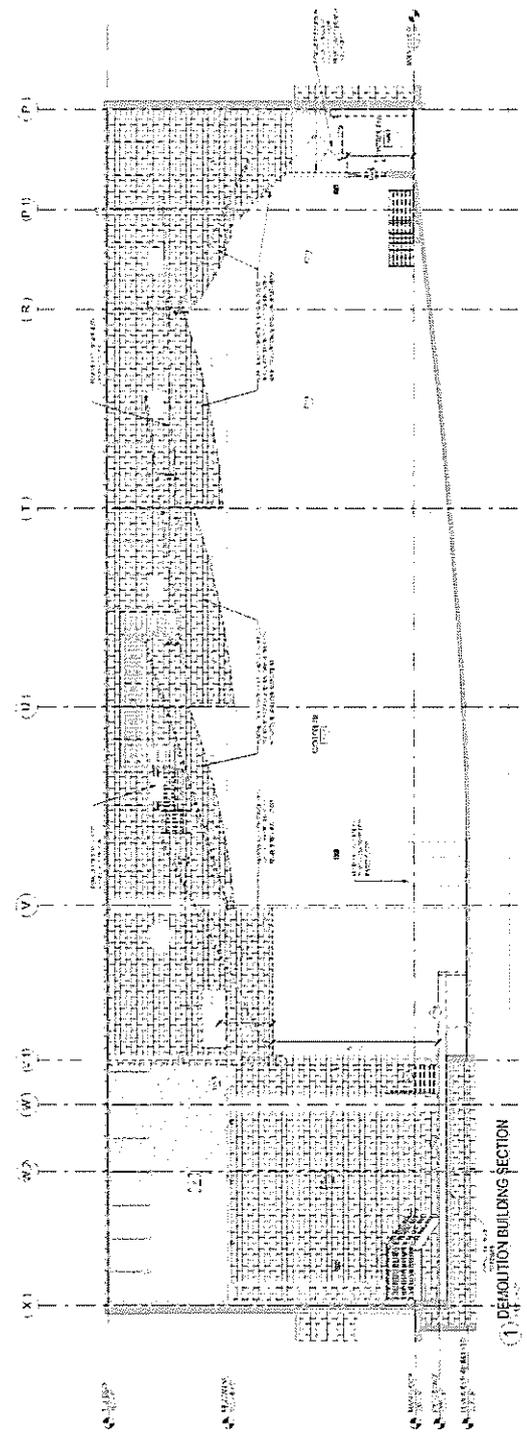
DEMOLITION
BUILDING SECTION

DEMOLITION LEGEND

NO.	DESCRIPTION
1	EXISTING CONCRETE
2	EXISTING BRICK
3	EXISTING MASONRY
4	EXISTING METAL
5	EXISTING WOOD
6	EXISTING GLASS
7	EXISTING ROOF
8	EXISTING FLOOR
9	EXISTING PARTITION
10	EXISTING MECHANICAL
11	EXISTING ELECTRICAL
12	EXISTING PIPING
13	EXISTING STRUCTURAL
14	EXISTING FOUNDATION
15	EXISTING CURB
16	EXISTING DRIVE
17	EXISTING SIDEWALK
18	EXISTING LANDSCAPE
19	EXISTING UTILITIES
20	EXISTING SIGNAGE
21	EXISTING FENCE
22	EXISTING LIGHTING
23	EXISTING PAINT
24	EXISTING FINISH
25	EXISTING TRIM
26	EXISTING DOORS
27	EXISTING WINDOWS
28	EXISTING STAIRS
29	EXISTING ELEVATORS
30	EXISTING MECHANICAL ROOMS
31	EXISTING ELECTRICAL ROOMS
32	EXISTING PIPING ROOMS
33	EXISTING STRUCTURAL ROOMS
34	EXISTING FOUNDATION ROOMS
35	EXISTING CURB ROOMS
36	EXISTING DRIVE ROOMS
37	EXISTING SIDEWALK ROOMS
38	EXISTING LANDSCAPE ROOMS
39	EXISTING UTILITIES ROOMS
40	EXISTING SIGNAGE ROOMS
41	EXISTING FENCE ROOMS
42	EXISTING LIGHTING ROOMS
43	EXISTING PAINT ROOMS
44	EXISTING FINISH ROOMS
45	EXISTING TRIM ROOMS
46	EXISTING DOORS ROOMS
47	EXISTING WINDOWS ROOMS
48	EXISTING STAIRS ROOMS
49	EXISTING ELEVATORS ROOMS
50	EXISTING MECHANICAL ROOMS



(2) ELEVATION @ LOBBY 1305



(1) DEMOLITION BUILDING SECTION

SMITH DWIGINS & COY
 ARCHITECTS
 1000 ...

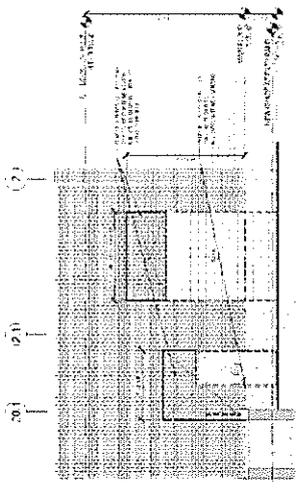
CONSTRUCTION NOTES
 1. EXISTING ...
 2. ...
 3. ...

RELATIONS TO
MECHANICAL SCHEDULE
EXTERIOR
 1" High ... Hose
 3/4" High ... Hose
PHASE 1
DEMOLITION
EXTERIOR
ELEVATIONS

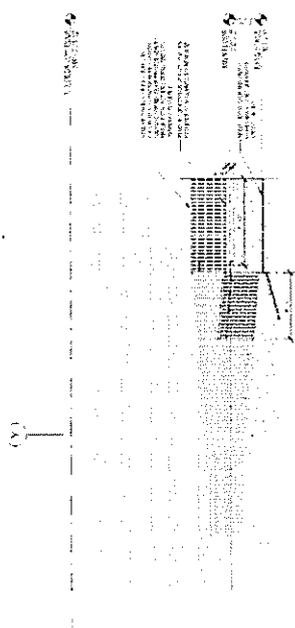
AD4.1

DEMOLITION LEGEND

NO.	DESCRIPTION
1	REMOVE EXISTING ...
2	REMOVE EXISTING ...
3	REMOVE EXISTING ...
4	REMOVE EXISTING ...
5	REMOVE EXISTING ...
6	REMOVE EXISTING ...
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42	REMOVE EXISTING ...
43	REMOVE EXISTING ...
44	REMOVE EXISTING ...
45	REMOVE EXISTING ...
46	REMOVE EXISTING ...
47	REMOVE EXISTING ...
48	REMOVE EXISTING ...
49	REMOVE EXISTING ...
50	REMOVE EXISTING ...



(2) DEMOLITION SOUTH ELEVATION
1/8" = 1'-0"



(1) DEMOLITION EAST ELEVATION
1/8" = 1'-0"

BUILDING AREA, DO NOT USE