

Project Minutes

Project: New Stoneham High School Project No.: 20033
 Prepared by: Sarah Traniello Meeting Date: 11/20/2023
 Re: School Building Committee Meeting Time: 7:00pm
 Location: Central Middle School Media Center & Remote Participation Meeting No: 75
 Distribution: Attendees (MF)

Attendees:

PRESENT	NAME	AFFILIATION	VOTING MEMBER
✓	Marie Christie	Co-Chair, School Building Committee	Voting Member
✓	David Bois	Co-Chair, School Building Committee; Community Member with Architecture Experience	Voting Member
✓	Nicole Nial	School Committee Member	Voting Member
✓	Raymie Parker	Select Board Member	Voting Member
✓	Douglas Gove	Community Member with Engineering Experience	Voting Member
✓	Stephen O'Neill	Vice-Chair, Community Member with Engineering Experience	Voting Member
✓	Josephine Thomson	Community Member	Voting Member
Remote	Jeanne Craigie	Town Moderator	Voting Member
✓	Lisa Gallagher	Community Member; School Secretary; Past member, Middle School Building Committee	Voting Member
✓	Sharon Iovanni	Community Member	Voting Member
✓	Cory Mashburn	Community Member, Finance and Advisory Board	Voting Member
✓	Paul Ryder	Community Member with Construction Experience	Voting Member
✓	David Pignone	Select Board, Athletic Director, Member knowledgeable in educational mission & function of facility	Voting Member
✓	Kevin Yianacopolus	Local Official responsible for Building Maintenance	Voting Member
✓	Dennis Sheehan	Town Administrator	Non-Voting Member
Remote	Leia DiLorenzo-Secor	Town Budget Director	Non-Voting Member
✓	David Ljungberg	Superintendent of Schools, Secretary of School Building Committee	Non-Voting Member
Remote	Bryan Lombardi	Stoneham High School Principal	Non-Voting Member
✓	Brian McNeil	Town Facilities Director	Non-Voting Member
	April Lanni	Town Procurement Officer / MCPPO Certified	Non-Voting Member
✓	Brooke Trivas	Perkins&Will	
✓	Stephen Messinger	Perkins&Will	
	Patrick Cunningham	Perkins&Will	
Remote	Brad Pineau	Perkins&Will	
✓	Lizzy Dame	Perkins&Will	
✓	Katie Janson	Perkins&Will	
	Kalvin Cho	Consigli Construction	
	Andrew MacNeil	Consigli Construction	
✓	Todd McCabe	Consigli Construction	
✓	Robert Smith	SMMA	
	John Cutler	SMMA	
Remote	Sarah Traniello	SMMA	
✓	Julie Leduc	SMMA	

Item #	Action	Discussion
75.1	Record	Call to Order, 7:00 PM, meeting opened.
75.2	Record	This meeting will be held via video conference and in person and will be posted on the Town's website.
75.3	Record	<p>Approval of Minutes</p> <p>A motion was made by S.Iovanni and seconded by R.Parker to approve the 10/16/23 School Building Committee meeting minutes.</p> <p>All in favor, motion passed.</p>
75.4	Record	<p>Environmental Educational Branding Visioning Update and Discussion</p> <p>B.Trivas introduced Katie Janson of Perkins&Will and her expertise and experience working on the Billerica project and working with this Working Group on Stoneham High School. R.Parker explained how the Working Group worked with K.Janson and the Perkins&Will team during the Visioning Sessions as the Environmental Educational Branding started to take shape. K.Janson explained her process of the design bringing everything together from the Visioning Sessions and incorporating everything that was provided during these sessions was incorporated into the imagery created and what it is to achieve for the students and communicate to all that will be in the school daily.</p> <p>K.Janson walked the School Committee and School Building Committee through the design process, inspiration taken from Greek Mythology, Odysseus with relation to the Spartan and the meander creation, the Fells and the natural elements of the trees, waterfalls, leaves and choice of wording in small lettering making up the fractal elements that will appear on the walls of the major circulation spaces within the new Stoneham High School, the Athletic Spaces and the Auditorium, Spartan Place spaces. In many of these areas the main theme of the Spartan blue would be running through the artwork but there would be punches of other accent colors on walls guiding through color and fractal imagery.</p> <ul style="list-style-type: none"> • Stoneham community member Allison in attendance sitting with members of the School Committee loved the fractal imagery and the “pockets of calm” and being able to have multiple layers built into the imagery that every student can take something away and learn from while it may not be the same thing at the same time it reaches every one as an individual student. Melanie Fiore specifically mentioned she loved the wow factor of the tree in the stairwell and the water and the “pockets of calm” liking the meander and its appearing everywhere it appeared however had difficulty seeing where the SHS appeared within the meander to make it be the focal point. <i>K.Janson explained that in the Visioning sessions it was mentioned that the elements of discovery and this was purposefully left to be something that was subtly present within the Greek motif but if one looked closer and uncovered it there would be that discovery of the SHS hidden within the meander that would continue to be that element that was the thread connecting all of the imagery.</i> • K.Janson advised that it can be made as literal or abstract as the Committees prefers and asked if anyone has an opinion on it. <i>D.Bois advised that he liked the fact that the SHS is not so overt that one has to figure it out. D.Bois appreciates the work and efforts that have been put forth by the Designers and the Visioning Working Group to bring these design ideas to the Committees.</i>

Item #	Action	Discussion
		<ul style="list-style-type: none">• N.Nial advised that she would like to see another version of the meander because it has been a sticking point since point in the design where the meander resembled “SIS” instead of “SHS”. N.Nial asked if there is another way that “SHS” could be communicated so that it does not still look so much like the original. Melanie Fiore of the School Committee echoed this request as this would be something important to have developed further as it will be appearing everywhere including perhaps on student uniforms also. In addition, if Stoneham High School had any sale of merchandise like hats, it would need to be clear as part of the school’s branding.• A member of the community, also an educator, asked about the Odyssey being a part of high school curriculum to make the connection and also asked the Designer has identified “ONE” within Stoneham and advise that the word “AM” is also a part of the word that also references the student as an individual. <i>K.Janson advised that Perkins&Will will look to study that potential.</i>• Additional feedback was that we should look beyond just one department area for “heroes” where it has been placed as there are “heroes” and “heroines” of all these areas to inspire the students of today as they are being raised in this school to be the next generation of heroes and heroines.• D. Pignone commended the Designers for their efforts during the Visioning Sessions and pulling all of the information from those sessions forth to bring these designs to the Committees showing that all of those who participated have been heard. D.Pignone raised the concern of the sports banners being hung on the west wall of the gym above the track. The banners are 8’ banners and there is the concern that their size and hanging position could be a height where students may be able to reach up and pull at them from the walking track. <i>K.Janson advised that on one of the slides it shows the color blocks where the banners would be located above the tracks and B.Pineau measured to place them in that location. B.Trivas advised that a separate meeting will be held to review this in more detail with D.Pignone so those details are confirmed banners will not be reachable in passing underneath on the walking track. B.Trivas confirmed also that the banners would be on walls of one direction i.e. East/West walls and the text would be on the opposite i.e. North/South.</i>• C.Mashburn asked if there has been any discussion about continuation of the messaging, logos to the fields outside like to the scoreboards with the names, logos or something. <i>D.Pignone is going to discuss later on.</i>• R.Parker addressed Allison and the feedback Allison mentioned earlier about each individual student finding their place within this new high school as a place for every student where all can find their peace to learn and be their best. R.Parker advised that it is one of the exciting things about the branding design that it presents opportunities for all students on so many levels and that is exciting because it is quietly speaking from the walls as they are reading it and the student is learning from it and becoming a part of their peace.• S.Iovanni discussed wayfinding and its being part of the colors and the areas of the school are identified. Within the phrasing are inspirational bits to carry with each and the fractals can hold language of inspirational passages that can motivate similarly. S.Iovanni is very happy with the resulting products of the visioning and design efforts of the working group and Perkins&Will as there is the demonstration to the students

Item #	Action	Discussion
		<p>that will occupy this school, staff members and community members attending classes and programs within this new building for generations to come that we care as a community about their present and future. S.Iovanni asked that if there is anything that is not working as you see it now, please address it because there will eventually need to be a vote on the final design presented in order to move forward with its implementation. In order to get to that stage, it is essential to have your input incorporated so that it does not fall short of expectations before it is voted upon.</p> <ul style="list-style-type: none"><li data-bbox="448 583 1468 877">• D.Bois asked if all of these interior graphics are within the budget? D.Bois advised that aside from the budget for the branding itself, is the implementation of these designs within the budget? D.Bois advised that if this is going to come down to a change order it would be preferred to know now before moving forward so that it is defined in advance and if it is going to be a change order then it is recommended that the exterior graphics be incorporated in that change order as well. <i>J.Leduc advised that Consigli is currently holding \$200,000 in an allowance for interior graphics. B.Trivas advised that the defined locations in the Contract Documents that Consigli based its allowance on remain the same. Consigli will need to get pricing to confirm the graphics as designed are within that \$200,000 allowance.</i><li data-bbox="448 890 1468 1094">• D.Bois advised that pricing should be obtained cohesively and doing it all at once for the interior and exterior graphics. <i>B.Trivas replied that the pricing would be obtained for the whole package, broken out separately, and then brought to the Committee to review and approve. B.Trivas advised that the decision regarding the fins would need to be moved upon with a definitive decision to get it underway. The remainder of the design package can be priced by Consigli as well and Perkins&Will will continue to work on the exterior design based on the Committee's direction.</i><li data-bbox="448 1106 1468 1346">• Regarding the fins, K.Janson advised that the design shown was stenciled white powder coated white letters with STONEHAM written with one letter on each fin. <i>D. Bois advised that it would be preferred to have a metal letter with some dimension placed on the fin, powder-coated white, instead of stencil painted white across the fins. K.Janson confirmed with D.Bois it is preferred that from each vantage point that the letters appear on each side of the fins and B.Trivas advised that the metal letters would be mechanically fastened to each other through the piercing on the individual fins. B.Trivas confirmed that D.Bois is adding something.</i><li data-bbox="448 1358 1468 1591">• S.Iovanni asked what the timeline is for the fins. If the Committee is considering a change to the meander pattern that is going to be the background to the letters on the fins the timeline is needed to know how much time will be needed to make this decision, whether it is a month or 3 days. Does the SSBC or its working group have a month to come back with an answer regarding the design as the holidays are fast approaching? <i>T.McCabe advised that he and Andrew MacNeil will look into the lead times with respect to the fins and advised that 4 weeks with the holidays intermingled is enough time for research to be done.</i><li data-bbox="448 1604 1468 1661">• D.Bois advised that the fins are not life safety related items and can be installed when available. <i>T.McCabe advised that the fins are not critical path items.</i><li data-bbox="448 1673 1468 1730">• J.Leduc advised that A.MacNeil reviewed the interior graphics and advised the shop drawings would be 4-5 months to manufacture all of this so that it installed and ready

Item #	Action	Discussion
		<p>when the school opens. <i>S.Iovanni asked if a decision was made in January would that timeline work? J.Leduc and A.MacNeil advised that it would be tight but doable.</i></p> <ul style="list-style-type: none"> • S.Iovanni wanted to clarify that the SSBC and its working group want to make the best and most informed decision possible so it is good to know the hardstop deadline. <i>J.Leduc advised that we have some time but we do not have 6 months.</i> • The branding direction got thumbs up from the School Committee. <ul style="list-style-type: none"> ○ Megan advised that the pops of color were loved as it was feared there would be a lot of grey, text and graphics around the gym were great, only concern was related to the SHS being seen within the meander was a bit difficult and would love to see it as powerful on the outside as it is on the inside.
75.5	Record	<p>District Office Space Discussion</p> <p>D.Sheehan advised the District and SSBC performed due diligence regarding the District Offices within the New Stoneham High School to learn if there was sufficient space available within the 3-stories for the District Offices to potentially occupy. In doing so Perkin&Will and Consigli were asked to study within the 3-stories and what it would take to make it possible for District Offices to be in the unoccupied space. The space turned out to be about 1,600 sf and Perkins&Will did the work that was needed to see if it could potentially be used for the District Office space. In performing this due diligence where it has been explored about 17 different ways, it was learned that the structural needs to make this happen presented challenges in the construction schedule that T.McCabe of Consigli and S.Messinger can speak in more detail.</p> <ul style="list-style-type: none"> • T.McCabe discussed the exploration of the space above the second floor in the BioMedical classroom wing classroom corner that S.Messinger of Perkins&Will and their structural engineer developed concept documents with not fully defined scope but enough to start looking at evaluation the impact of construction. Keeping in mind that implementation of the fit-out of this space would occur while the building continues to be built around it. It becomes not just a new building but an alteration within a new building. The desire is to continue moving forward with the construction as scheduled and planned since it is not defined yet if this infill will occur. • In order to do an infill, a new floor within this space needs to be created with structural support sufficient to handle the loads as it puts additional load on the existing structure and concrete structure. After going through all of the steps to see if this could happen in the schedule, at least conceptually, the existing steel that it would impact, that has already been installed, there would be a 5-month impact to the construction schedule. Consigli would be building its rough construction and its finish construction around the area while holding off on doing anything on 3 floors in this corner of the building. The design needs to be finished, drawings need to be priced out, structural steel fabrication drawings need to be created, approved by the structural engineer, then structural steel needs to be fabricated, then the installation can happen. • Some of the installation would mean taking things apart within the newly constructed space like the concrete slabs would need to be cut up on the first floor, structural steel elements would need to be altered and this is where you start to feel the 5-months of impact through structural steel. More urgently, in this area, there would

Item #	Action	Discussion
		<p>also need to be modifications to the façade in this area to add windows because there are none presently and the masonry subcontractor is completing that area of the façade currently within the next couple of weeks. It would be necessary to know within a few weeks how the façade would be modified to account for 7 or so new windows.</p> <ul style="list-style-type: none"> Due to time constraints, this would need to be known well in advance of knowing what the cost of this work would be. The project being pulled out of sequence, on overtime, with a lot more hand rigging opposed to cranes and lifts because its being in a space that is already constructed, the cost of performing this work would cost 2-3 times more than it would normally cost because of how it is being integrated into the space. <p>D.Bois summarized that in the best interest of the construction schedule for the new high school it would be advantageous to not pursue the District Offices in the high school further. There are too many cost disadvantages to the project with respect to budget, design, construction schedule and most of all it puts the school in jeopardy of not opening on time in the Fall of 2024.</p> <p>D.Bois and D.Sheehan advised there are other options the District can investigate further for the District Offices that will not compromise the high school project and D.Sheehan will continue to work with the School Committee to help make this happen.</p>
75.6	Record	<p>FFE Budget Update</p> <p>B.Trivas advised that there are updates in the works with respect to the FFE budget and what is being purchased. There are some edits being made to the FFE list of what is being purchased and not purchased based on what Stoneham staff need and decisions. It is currently over budget but efforts are still being made to bring it more inline so that the average is manageable and not excessive. Meeting with the Interiors Working Group on December 13 and budget would be refined for the next meeting of the SSBC on December 18, 2023. Procurement will occur shortly thereafter for issuance of Purchase Orders to happen.</p>
75.7	Record	<p>Approval of Invoices and Commitments</p> <ul style="list-style-type: none"> Warrant No. 48 J.Leduc reviewed Warrant No. 48, attached. Sustainable Energy Advantage, District's PPA Consultant, Invoice No. 6183 In the amount of \$ 802.50; Perkins & Will Architects Invoice No. 0204577 for Construction Administration Services in the amount of \$ 123,025.00; Perkins & Will Architects Invoice No. 0204577 related to Designer Amendment 26 in the amount of \$ 33,000.00; Perkins & Will Architects Invoice No. 0204577 related to Designer Amendment 27 in the amount of \$ 14,300.00; Perkins & Will Architects Invoice No. 0204577 related to Designer Amendment 28 in the amount of \$ 52,500.00; SMMA Invoice No. 60226 in the amount of \$ 99,500.00; Consigli Construction Co's Requisition No. 16 in the amount of \$ 7,486,459.87. D. Gove representing the Finance Working Group presented the recommendation for approval of Warrant No. 48 as presented in the full amount of \$7,809,587.37. A motion was made by C.Mashburn and seconded by L.Gallagher to approve Warrant No. 48. All in favor, motion passed. <p>Change Order No. 22</p>

Item #	Action	Discussion
		<p>S.Messinger reviewed Change Order No. 22 in the amount of \$ 22,253.29, attached.</p> <p>S.Messinger reviewed and summarized the description of Allowance Transfer: AT-036 Exterior Scoreboards (PR-077); Hold Transfer: HT-004 Oil Tank Replacement @21 Emerald Court; Change Requests: CR-070 Area D Scene Shop Door Details (PR-029) for \$7,912.79; CR-127 AV Paging Speaker Clarifications (PR-079) for \$6,336.07; CR-132 Drainage North of Main Entry Credit (PR-028) for -\$10,000.00; CR-142 Arch Updates per Coordination (PR-081) for \$5,770.69; CR-149 Exterior Framing Adjustments (ASI-046) for \$4,362.62; CR-154 Lighting & AV Screen Clarifications (PR-091) for \$1,527.06; CR-160 PV Conduit to Main MEP Room (PR-097) for \$2,763.44; CR-161 F18 Light Fixture Color (RFI-376) for \$ 886.02; CR-172 Masonry Upper Corner Detail (RFI-401) for \$ 2,694.60; Contingency Transfers: CT-036 Premium Time (August 2023); CT-047 Metal Panel (Unprocured Scope); CT-052 Folding Grille @Servery (ASI-051); CT-054 Aluminum Door Hardware - Unprocured Scope; CT-055 Temporary Site Lighting; CT-058 Extreme Paperless Drywall; CT-059 Expansion Joints.</p> <p>J.Leduc advised that the Finance Subcommittee met immediately prior to the School Building Committee Meeting and reviewed this Change Order.</p> <ul style="list-style-type: none"> • D.Gove representing the Finance Subcommittee presented the Finance Subcommittee’s recommendation for approval of Change Order No. 22 as presented in the amount of \$22,253.29. • A motion made by C.Mashburn and seconded by J.Thomson to approve Change Order No. 22. All in favor, motion passed. <ul style="list-style-type: none"> • Change Order No. 23 S.Messinger reviewed Change Order No. 23 in the amount of \$0.00, attached. S.Messinger reviewed and summarized the description of Reconciled Buyouts RB-034 for Permanent Fencing related to OAL #42 and RB-035 for Synthetic Turf related to OAL #41. <p>J.Leduc advised that the Finance Subcommittee met immediately prior to the School Building Committee Meeting and reviewed this Change Order.</p> <ul style="list-style-type: none"> • D.Gove representing the Finance Subcommittee presented the Finance Subcommittee’s recommendation for approval of Change Order No. 23 as presented in the amount of \$0. • A motion made by C.Mashburn and seconded by R.Parker to approve Change Order No. 23. All in favor, motion passed.
75.8	Record	<p>Budget and Schedule Update</p> <ul style="list-style-type: none"> • Budget Update <ul style="list-style-type: none"> ○ The project is 28% complete. Tracking potential risk of \$1,142,707 in Pending Change Orders that still have not been vetted yet. Remaining contingency to date is \$7,897,563, hard and soft cost contingency. ○ J.Leduc defined the difference between Owner’s Contingency and the Construction Contingency that Consigli is working with and how it is handled with each and every contingency transfer accounted for and reviewed for approval as part of change orders similar to what S.Messinger reviewed under Change Order No. 22. ○ Clarification about Construction Contingency was provided about whether the CM gets to keep Construction Contingency if not all of it is spent during the life

Item #	Action	Discussion
		<p>of the project. The answer is that the CM does not get to keep the Construction Contingency as it is returned back to the project and for that reason it is reviewed and vetted each and every month.</p> <ul style="list-style-type: none"> ○ D.Bois advised that we are currently at 28% and we are looking at the building being turned over in June/July 2024 and the school opens in September 2024. The project budget has the demolition of the existing building, playfields, etc. and it can be seen that Area D currently does not have walls up and most would be a bit nervous. From a tracking perspective where will the project be when the school building is turned over? <i>T.McCabe advised that there were specific metrics requested for updates relating to the project was the percent complete compared to the overall GMP budget established a year and a half ago at \$175M. Of that \$140M represents the school construction. The remaining \$35M is for the demolition and abatement of the existing high school structure, fields and Spartan Stadium. 80% of the represents the school construction number. A.McNeil and T.McNeil ran the metrics and the construction is 40-45% complete in comparison to the school building budget which is just under half of the \$140M of what the school structure represents through Requisition 16 (October 2023). From now until the end of the summer, Consigli needs to perform an average of \$8M in work performance per month. September's requisition was a little over \$8M and October's requisition was a little under \$8M but Consigli is going to be watching their monthly spend as it should be averaging \$8M in order to stay on track for the end of summer turnover.</i> ● Schedule Update <ul style="list-style-type: none"> ○ T. McCabe advised that Area D is still looking like a skeleton, no façade on Area C and no infill walls. The majority of that is coming in later as curtainwall, the glass façade that was shown in the Branding presentation. There is significant amount of work that needs to happen on the side and back side of the structure. Construction is about a month to 5 weeks behind on Area D which puts completion into the month of August which is not where the team wants to be. The team is looking at having a schedule summit working with our subcontractors try and pull that in as Consigli owns a recovery schedule to pull that end date in so that it aligns better with the Contract milestones. The schedule summit with the subcontractors will encompass the classroom building that includes the gymnasium as well as the schedule is about 3 weeks behind there. Middle of July for the classroom building and middle to late August for Area D which is the auditorium and Spartan Place. Schedule summit will occur at the end of next week and Consigli should be able to provide an updated schedule if the next SSBC meeting is on December 18th. If the next SSBC meeting is December 11th then it might be challenging but the Consigli team will do their best to get it all together as it may not come together in one swath. Consigli's Site Superintendent Justin Bolla will be overseeing the schedule for the Classroom Area and Consigli will be bringing on another Site Superintendent for Area D to oversee the schedule for that Area. Between these 2 superintendents focus on their Area and schedule push, it will help bring the schedules into alignment where needed. ○ D.Gove asked if it would be feasible to start the school year without Area D being finished? <i>T.McCabe advised that it is possible. If the strategy to accelerate the</i>

Item #	Action	Discussion
		<p><i>schedule for the Classroom Area and Area D does not work as planned this will be the backup plan that will follow. It would need to become a phased turnover and Consigli would need to break the auditorium from Spartan Place. Spartan Place is the cafeteria and that would need to be turned over with the classroom area and gymnasium in the school while the auditorium continues to have work performed within. It can be done and Consigli would need to work with the Stoneham Building Department to determine where that break could be. Work would need to be done with the school as well to phase the turnover with the programming as well. Hypothetically, the auditorium would be turned over in October in lieu of September and what programming would need to be moved out of that space and how would we separate out the building in order to allow the students to use the space.</i></p> <ul style="list-style-type: none"><li data-bbox="500 730 1458 961">○ <i>D.Bois asked T. McCabe if the auditorium would be turned over in October as described in his previous statement. T.McCabe advised that his stating it would be turned over in October was a "hypothetical" based on an example of a phased turnover. The plan at this time is to turn the building over in late August 2024 not impacting school. If Consigli is not successful in pulling in the end date of the schedule as planned in the recovery schedule sessions, Consigli would look at separating the space to accommodate the potential of a phased turnover, as a worst case scenario.</i><li data-bbox="500 972 1458 1224">○ <i>D.Bois asked T.McCabe to clarify if the original schedule of the turnover of the school building will be turned over in August. T.McCabe advised that the original schedule had the school building turned over at the end of June 2024. Currently, the schedule is that the Classroom Area (Areas ABC) of the school building would be turned over in July and the Auditorium, Area D, is into mid-to-late August 2024. D.Bois confirmed that it would be turned over just in time for school start and T.McCabe advised that obviously that would want to be improved because there is FF&E and training that needs to happen so time needs to be allowed for that as well.</i><li data-bbox="500 1234 1458 1402">○ <i>S.Iovanni asked what is driving the delay at this point? T.McCabe advised that one factor is the coordination of the fire protection, plumbing, HVAC and electrical systems within the space, some structural steel delays within the auditorium, and coordination with the structural slab and the heating within the slab and spray fireproofing which has been overcome for the majority of it where the exterior framing has started</i><li data-bbox="500 1413 1458 1623">○ <i>M.Christie asked T.McCabe if the school is not ready for school opening is it more difficult to get a Certificate of Occupancy to make it available? T.McCabe advised that Consigli would need to make sure that there was proper coordination in place with the head ends of the systems in place for fire protection, plumbing, HVAC, and electrical and those meetings would occur with the engineers and the building officials to establish what is needed. There are more steps involved but not necessarily more difficult.</i><li data-bbox="500 1633 1458 1776">○ <i>M.Christie asked further that it is not just Stoneham's Building Inspector but also the Commissioning Agent as well who will need to commission different pieces of equipment? T.McCabe advised that Consigli will be working with the Commissioning Agent and the engineers and designers for overall building commissioning and systems startup. Instead of doing 1 startup there would need</i>

Item #	Action	Discussion
		<p><i>to be a 2-part startup. An extra step or a couple of steps depending on the system(s) that is being evaluated and looking to start.</i></p> <ul style="list-style-type: none"> ○ T.McCabe and S.Iovanni confirmed that the project's long awaited long lead item is on schedule for arrival on February 14, 2024 and it was confirmed once again very recently that it will be shipped from Mexico, most likely.
75.9	Record	<p>2024 School Building Committee Meeting Schedule</p> <p>J.Leduc reviewed the schedule prepared by S.Traniello defining the Monday dates the SSBC meeting would fall on and if it should be a holiday, the next scheduled Monday was selected for the School Building Committee to hold their meeting. S.Traniello indicated the date the meeting fell on and indicated in beige and the selected date was in white. Upon review the dates were accepted as it was advised that the SSBC could not meet on a holiday per the Town By-law. S.Traniello will finalize the schedule and distribute to SSBC for their use and calendar invitations would be distributed with the Go-To-Meeting information within for record.</p>
75.10	Record	<p>Construction Update Photos</p> <p>Construction update provided by B.Smith as he reviewed the drone images and the monthly progress followed by additional photos showing the progress</p> <ul style="list-style-type: none"> • Drone Aerial – October 10, 2023 • Drone Aerial – November 8, 2023 • Drone Aerial – November 8, 2023 North and East Elevation • East Elevation – November 17, 2023 • Drone Aerial – November 8, 2023 South Elevation • November 17, 2023 – South Elevation • Drone Aerial – November 8, 2023 – West Elevation • West Elevation – November 17, 2023 - Exterior Masonry • Auditorium Wing – November 17, 2023 • Spartan Place – November 17, 2023 • Second Floor – November 17, 2023 <p>R.Parker asked how many staff are onsite on any given day? <i>R.Smith advised the average is between 115-120 staff per day.</i></p>
75.11	Record	<p>Move Services Update</p> <p>J.Leduc advised that J.Cutler held 2 Open Houses at Stoneham High School on November 8th and November 15th.</p> <ul style="list-style-type: none"> • The first was for the municipal offices and buildings and the second was for out of district areas to stop in and see what is available. • J.Cutler has thought of extending it one more time and also thought of sending them along in PDF format from the inventory prepared this summer and sharing them with others for them to take a look at and indicate their interest. • The times of 3 to 5pm after school gets out tends to be a challenging time in peoples schedules to get them to come over and take a look in person. • SMMA has reached out to Catholic Schools, Charter Schools and other schools that are known in the area to get their interest.

Item #	Action	Discussion
		<ul style="list-style-type: none"> • The goal is to remove as much FFE from the school as possible and it works in tandem with the efforts that A.White has been undergoing with K.Martin with the District regarding FFE. K.Martin has been an enormous help in finding new homes for pieces of equipment for other locations within the District that can make good use of specific items that still have a useful life. • S.Iovanni asked about the bass relief and what will happen to the art piece. It is adhered to the building very well. <i>M.Christie advised that it is about learning opportunities that can be housed within the high school. Undecided on new home for this artwork – TBD.</i> • R.Parker advised that there could be an auctioning off of specific items out of the school before it is torn down. <i>D.Sheehan advised it would need to go before the School Committee.</i> • The high school has committed to the Fire Department coming into the existing high school to do some training. Consigli will take possession of the building before and then the Fire Department will perform their training exercises. Clarity is needed on the schedule.
75.12	Consigli	<p>Seed vs. Sod</p> <p>T.McCabe advised that the subject of seed vs. sod applies to all of the baseball field and the field hockey field. For softball, it is all of the outfield as the infield is all dirt. 100% of the softball field would be changed from seed to sod. 100% of the baseball field and field hockey field would be changed from seed to sod. The overall value was an \$215,000 add with the breakout between the 2 field areas for baseball and field hockey was \$155,000 add and the softball field was \$60,000 add to go from seed to sod. The advantages from a schedule standpoint relating to playing seasons and the advantage is in the growing season. When you do seed, you need 3 growing seasons, Spring-Fall-Spring. So the baseball field would be available in the Spring of 2027 with seed. However, if you did sod for the baseball field, the playoffs would be able to be squeezed in in 2025 but definitely available in the Spring of 2026.</p> <p>D.Pignone asked T.McCabe if the project owns a removable fence that will be onsite or will it be purchased? <i>T.McCabe advised that it would need to be checked if it is owned or not.</i></p> <p>D.Pignone advised that he would be disappointed if he learned that the temporary fence is not already owned.</p> <ul style="list-style-type: none"> • D.Pignone advised that field hockey will be playing in the stadium every day on turf and the field that is being discussed is for in the event overflow is needed due to the schedule being jammed up. Does the District see any savings by placing sod outside of the temporary fence and seed inside of the temporary fencing? D.Pignone advised that it is a big deal for a student at Stoneham High School to miss out on a season and a half of playing of four years as a result of it being grass vs. sod. Softball has been offsite for 2 seasons already and we are going to be in a stadium with turf and then looking out at a baseball field without grass. <p>D.Bois advised that the project may have some time to review the subject of the fields as the existing high school is not scheduled to come down for a while. The project has contingency money and the only thing that is contingent on the contingency money right now would be the demolition of the existing school with the abatement budget and anything else that might be found there.</p> <ul style="list-style-type: none"> • D.Bois is in agreement that it is not fair that the Stadium has everything and then softball is faced with having nothing after being out for so long. However, the

Item #	Action	Discussion
		<p>decision does not need to be made tonight as it is unknown where we are with contingency. T.McCabe advised that the seeded area would be 140,000 sf and the area outside of the fence would be 20,000 sf to 30,000 sf.</p> <p>T.McCabe advised regarding to moving up the date for paving for the pickleball and tennis courts that revisiting of the schedule to look at it more closely. Variables are not working to the advantage as the schedule stands currently due to the availability of asphalt plants being open, adequate temperature and a month between asphalt going down and coatings going on top of it.</p> <p>More information to come as pricing develops.</p>
75.13	Record	<p>Subcommittee Updates</p> <ul style="list-style-type: none"> • Green Building Initiatives Update <ul style="list-style-type: none"> ○ Nexamp contract was executed last month and work is underway as Nexamp were onsite last week. The Town's portion of the installation of the EV charging stations is about \$230k and Eversource will rebate about \$100k. The EV stations will be located near the PreK classrooms. Nothing has been installed yet. ○ The EV stations may be charging individuals using them
	Record	<ul style="list-style-type: none"> • Time Capsule Working Group <ul style="list-style-type: none"> ○ Site plan provided by S.Traniello to Working Group who identified 2 locations near the front entry to be the exterior locations for the time capsule to be located for the exterior location. J.Leduc and R.Smith are going to further advise about locations available within the interior of the school where the time capsule could be placed within a wall. Locations will need to be voted upon by the SSBC at a future date when it time capsule is ready to be located and situated. ○ L.Gallagher will be the point person to reach out to the Middle School for the moving up book and high school yearbook. ○ S.Iovanni submitted article to the newspaper and it is placed on the website for the community's access. ○ M.Christie has advised that she will connect with D.Pignone regarding obtaining the "S" and special pins that go with them for placing in the time capsule. ○ Photo Contest in partnership with the Stoneham Historical Society for the Time Capsule ○ J.Craigie to provide location on the journals. ○ November 30, 2023 is the next meeting and Kevin Wetmore will be attending.
75.14	Record	<p>Public Comment – D.Pignone discussed his experience with the design and programming with specifics regarding:</p> <ul style="list-style-type: none"> • Storage: stemming from the tour to Billerica where it was advised that defending and/or protecting one's storage is essential and then finding out that there was not enough storage space programmed for Facilities to store snow blowers and other machinery and to resolve the problem its decided to take space from Athletics. <ul style="list-style-type: none"> ○ Taking from Athletics to solve Facilities and it still may not solve Facilities either. • New Building needs to be functional: <ul style="list-style-type: none"> ○ It was caught that the turf field was not going to be wide enough to be MIAA compliant and the field would be the bare minimum the MIAA required. Bare

Item #	Action	Discussion
		<p>minimum is not good enough. Thankfully this was caught in time so this could be fixed - now it is the right width.</p> <ul style="list-style-type: none"> • Bathrooms for Physical Education <ul style="list-style-type: none"> ○ 3 offices: One office with a bathroom, one office with storage, one office in the back to have a bathroom was direction provided by D.Pignone. D.Pignone advised that there is a window that looks into both locker rooms which was an issue. It was proposed to put a bathroom in the middle and 2 separate offices. D.Pignone replied “take out the windows and leave the office as one big office.” Six months later, decisions are made, and there are 2 separate offices and there is nothing that can be done because the plumbing is done. We can fix it but it is going to cost more money. ○ Stadium Bleachers for 1000: If one goes to any stadium you will find the stadium bleaches are from the 10 to the 10 but ours seem to go from the 30 to the 30 and go up really high. It would have been thought the bleachers would have gone a longer spread to cover more space like others, but the bleachers have a short run. ○ Portable Fence: Thinking that the project already owns a portable fence and learning that it has to be looked into whether it is owned or not. ○ Turf Field Design: Getting ready for the turf field to start being constructed and wanting to have a meeting to discuss the planning of the field. In reviewing the plans, originally wanted to have 2 sets of lines on each field. However, in hindsight it was seen that 3 sets of lines are needed on each field. When it was addressed, it was advised that we can fix that but it is going to cost more money. D.Pignone gets uniforms ordered and get 5 proofs, but it seems like it just gets to the point where it is owned and it is done being discussed. <ul style="list-style-type: none"> ▪ Major frustration is that with every change it means that it needs to come before the Committee and additional funds to make it happen are requested. ▪ Can eat the fact that there are not additional lines on the fields because they can be painted on the turf field afterward. ▪ However, none of the playing fields have the logo on them and D.Pignone advised that it was mentioned by him a year ago specifically mentioning the block “S” on all 3 fields. District had branding performed for this project and the “S” belongs in the middle of the field. ○ B.Trivas advised that Perkins&Will will look into these issues further to work with J.Leduc of SMMA has taken D.Pignone’s comments under advisement to gain clarity and find solutions on these subjects to assist the project in moving forward successfully.
75.15	Record	<p>Next SSBC Meeting: Monday, December 11, 2023 at 7:00 pm moved to December 18, 2023.</p> <p>A Motion was made by R.Parker and seconded by N.Nial to move the December 11, 2023 meeting to December 18, 2023.</p> <p>All in favor, motion passed unanimously.</p>
75.16	Record	<p>A Motion was made by S. Iovanni and seconded by J. Thomson to adjourn and not to return to this meeting.</p>

Project: New Stoneham High School

Meeting Date: 11/20/2023

Meeting No.: 75

Page No.: 14

Item #	Action	Discussion
		All in favor, motion passed unanimously.

Attachments: Agenda, Meeting Minutes of 10/16/23, Warrant No. 48, Change Order No. 22 and 23, Budget Update; Construction Update PowerPoint Presentation, Consigli Logistics Plan;

The information herein reflects the understanding reached. Please contact the author if you have any questions or are not in agreement with these Project Minutes

1000 Massachusetts Avenue
Cambridge, MA 02138
617.547.5400

www.smma.com

PROJECT MEETING SIGN-IN SHEET

Project: New Stoneham High School
 Prepared by: Julie Leduc
 Re: School Building Committee Meeting
 Location: Central Middle School Library and Remote Locations
 Distribution: Attendees, (MF)

Project No.: 20033.00
 Meeting Date: 11/20/2023
 Time: 7:00pm
 Meeting No: 75

SIGNATURE	ATTENDEES	EMAIL	AFFILIATION
	Marie Christie	mariechristie@comcast.net	Co-Chair, Past Member of the School Committee/Middle School Building Committee
	David Bois	bois@arrowstreet.com	Co-Chair, Community Member with Architecture Experience
	Nicole Nial	nicole.nial@stonehamschools.org	School Committee Member
	Raymie Parker	rparker@stoneham-ma.gov	Select Board Member
	Douglas Gove	goved11@gmail.com	Vice-Chair, Community Member with Engineer Experience
	Stephen O'Neill	sonell@hayner-swanson.com	Community Member with Engineer Experience
	Josephine Thomson	jthomson315@yahoo.com	Community Member, Middle School Faculty
	Jeanne Craigie	jcraigie@stoneham-ma.gov	Town Moderator
	Lisa Gallagher	lgallagher@stonehamschools.org	Community Member; School Secretary; Past member, Middle School Building Committee
	Sharon Iovanni	sharon.iovanni@stonehambank.com	Community Member
	Cory Mashburn	cory.mashburn910@gmail.com	Community Member, Finance & Advisory Board
	Paul Ryder	pryder@cambridgema.gov	Community Member with Construction Experience
	David Pignone	dpignone@stonehamschools.org	Select Board Member; Athletic Director; Member knowledgeable in educational mission & function of facility
	Kevin Yianacopolus	kyianacopolus@stonehamschools.org	Local Official responsible for Building Maintenance
	Dennis Sheehan	dsheehan@stoneham-ma.gov	Town Administrator / MCPPO Certified
	Lela DiLorenzo-Secor	lsecor@stonehamschools.org	Town Budget Director
	David Ljungberg	dljungberg@stonehamschools.org	Superintendent of Schools
	Bryan Lombardi	blombardi@stonehamschools.org	Stoneham High School Principal
	Brian McNeil	bmcneil@stonehamschools.org	Facilities Director
	April Lanni	alanni@stoneham-ma.gov	Town Procurement Officer / MCPPO Certified
	Brooke Trivas	brooke.trivas@perkinswill.com	Perkins&Will Architects
	Kate Janson	kate.janson@perkinswill.com	Perkins&Will Architects
	Andrea White	andrea.white@perkinswill.com	Perkins&Will Architects
	Lizzy Dame	elizabeth.dame@perkinswill.com	Perkins&Will Architects
	Stephen Messinger	stephen.messinger@perkinswill.com	Perkins&Will Architects
	Brad Pineau	brad.pineau@perkinswill.com	Perkins&Will Architects
	Patrick Cunningham	patrick.cunningham@perkinswill.com	Perkins&Will Architects
	Todd McCabe	tmccabe@consigli.com	Consigli Construction Co.
	Andrew MacNeil	amacneil@consigli.com	Consigli Construction Co.
	Kalvin Cho	kcho@consigli.com	Consigli Construction Co.
Remote	Sarah Traniello	straniello@smma.com	SMMA
	John Cutler	jcutler@smma.com	SMMA
	Robert Smith	rsmith@smma.com	SMMA
	Julie Leduc	jleduc@smma.com	SMMA
	Kate Janson	kate.janson@perkinswill.com	Perkins&Will Architects

1000 Massachusetts Avenue
 Cambridge, MA 02138
 617.547.5400

www.smma.com

Agenda

Project:	New Stoneham High School	Project No.:	20033
Re:	School Building Committee Meeting	Meeting Date:	11/20/2023
Prepared by:	Julie Leduc	Meeting Time:	7:00 PM
Meeting Location:	Central Middle School Library & Remote Participation	Meeting No.:	75
Distribution:	Attendees (MF)		

1. Call to Order
2. Approval of Minutes
3. Design Updates
 - Environmental Educational Graphics Visioning Results
 - District Offices Space Discussion
 - FFE Update and Technology Budget Update
4. Approval of Invoices and Commitments
 - Approval of Warrant No. 48
 - Approval of Change Order No. 22
 - Designer Amendment No. 30
5. Budget and Schedule Update
 - 2024 School Building Committee Meeting Schedule
6. Construction Update
 - Construction Progress Activities
 - Move Services Status Update
 - Seed vs. Sod
7. Subcommittee Updates
 - Green Building Initiatives Update
 - PR Subcommittee Update
 - Time Capsule Working Group Update
8. Discussion/Correspondence/New Items
9. Committee Questions
10. Public Comments
11. Next Meeting: **December 11, 2023** or **December 18, 2023**

Join: <https://meet.goto.com/466540237>

Dial: +1 (408) 650-3123 Access Code: 466-540-237

The items listed are those reasonably anticipated by the Co-Chairs which may be discussed at the meeting. Not all items may in fact be discussed and other items not anticipated may also be brought up for discussion to the extent permitted by law.

Perkins&Will

Stoneham High School

Branded Environment Schematic Design

Discussion Recap

Jeanne

- Things of our present & past
- Stoneham and all its traditions.
 - Town Flower is Blackeyed Susan
 - The dog wood trees removed from Driveway were all donated by classes
- Spot Pond
- The community that supported this school should be represented



Drivers/Assumptions

By synthesizing your brand—mission, vision, values, and goals—into key tenets, we develop a **north star** for guiding design.

21ST/22ND CENTURY LEARNING SKILLS	High Order Thinking	Transferable / Life, Career Goals	Social-Emotional	Learning & Innovation	Core Subjects / Info/ Media/ Tech
SHS MISSION	Agency/Autonomy	Creative/ Critical Independent Thinkers	Respect/Acceptance of Self & Others	Communication & Literacy	Responsible Contributors
AUDIENCES	Students	Schools / Educators	Families	Community	Alumni
ATTRIBUTES	Welcoming/Inviting/ Familial / Supported	Happy / Authentic	Diverse/ United / Inclusive / Accepting	Creative/Inspiring/ Talented	Courageous /Brave / Strong
	Safe/ Comfortable / Judgment-free	Explorative / Intriguing	Interdisciplinary	Positive / Encouraging	Respectful
SPACE TYPES/ ZONES	Entry	Circulation	Destination	Collaboration / Learning	Exterior (fins)
ENV. BRAND CHALLENGES	Create Sense of Calm	Level the Playing Field	Embrace Nature	Promote the Brand	Bridge Past/Present/ Future
STORIES TO TELL	Spartan / Greek	Legacy / Heritage	Successes / Quotes	Nature	Path / Promontory
ENV. BRAND GOALS	Sense of Belonging / Pride	Empowerment / Motivation	Creative / Meaningful	Unity / Personal Connections	Supports Architectural Goals
AESTHETICS	Natural	Calming / Simple	Monotone	Artful / Human Touch	Spartan Blue

Stoneham's Paths and the Promontories

Unique and foundational attributes to the Stoneham Highschool Site and Community, a community linked through history and location to natural resource, innovation and stewardship.

The Path



Paths are places of exploration

Stoneham's paths are places of variety, of filtered light, places to come together outside of structured life, to physically displace the body and the mind and to connect disparate points.

Identity

-The paths of both the site and the neighboring Fells are places of community, places where all have access and ownership

Spatial Character

Tall narrow spaces, lined by columnar structures and capped with perforated canopies

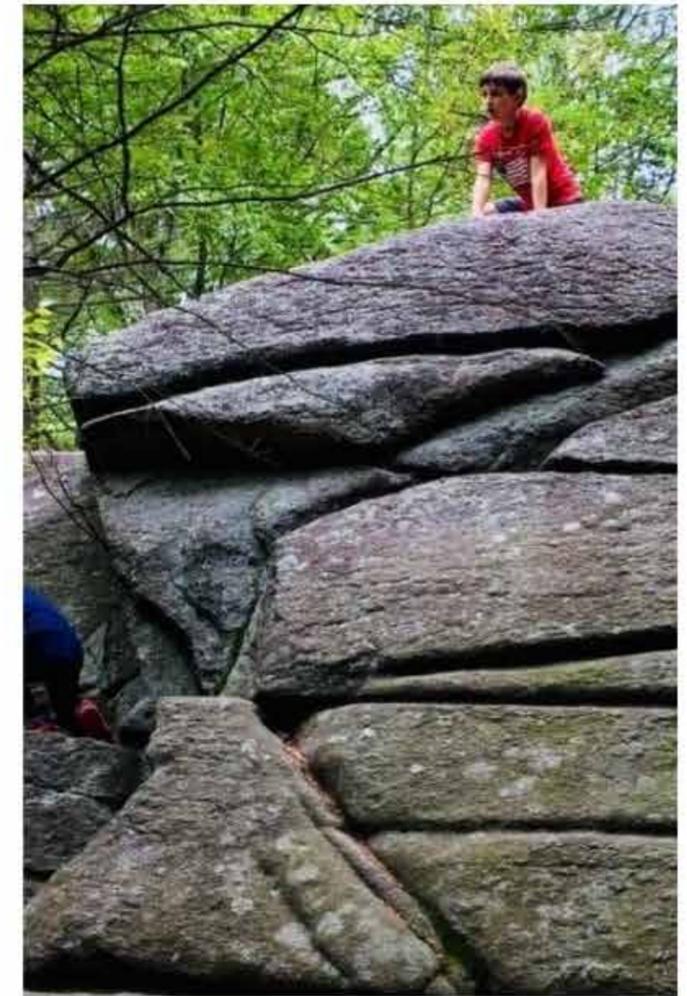
Educational Engagement

A place of collaboration where space is commonly owned

Tectonic

Rooted, columnar at its base and branching in transition from heavy to light both in tone and gravity, full of fractured dynamic light

The Promontory



Promontories are a place to ascend and find new perspective

For hundreds of years the unique topography of Stoneham has been a place where people have come to find perspective, To see the area with a broader view, to ascend the volcanic stone hills, climb the displaced glacial boulders, seek a new vantage point and find greater understanding.

Identity

-The face of these crag's and boulders are marked as a place of identity, a place of pride and a place of individual expression

Spatial Character

Objects within a field, to be climbed and perched on, ascended, a place where open, distant views are afforded, cave/cove like at their base

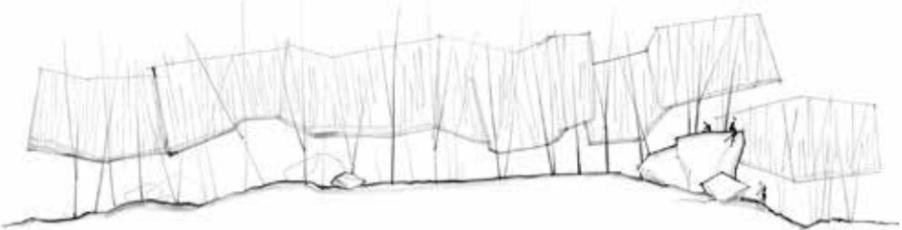
Educational Engagement

A place of where individual spaces are found, spaces for individual learning, study, work

Tectonic

Hard, striated, of the earth, monolithic, plastic in form, connected to the site, casting deep, grazing shadows that highlight texture

Material Palette



Science Backed Research

Neuroaesthetics / Fractals

There are studies that show that looking at pleasant images can provide a type of mental escape for individuals during times of moderate stress,” said Sandra Sgoutas-Emch, a psychological sciences professor at the University of San Diego. “For example, a study out of the Netherlands in 2015 found that having students look at pictures of nature helped to reduce their stress reaction during a stress test, versus pictures of buildings.”

The type of images we look at matters. Fractals — a mathematical term for never-ending patterns — have a particularly **strong calming effect on the parasympathetic system.**

Studies indicate that **looking at fractals increases alpha brain waves, as well as blood flow, to the parahippocampus and other areas of the brain that regulate emotions.**

Fractals are common in nature and can be seen in everything from leaves and snowflakes to lightning bolts, clouds, ferns, cacti and snail shells.

<https://www.health.com/condition/stress/relaxing-images-to-destress>
<https://www.frontiersin.org/articles/10.3389/fpsyg.2019.00739/full>
<https://www.auckland.ac.nz/en/news/2021/09/29/can-viewing-art-reduce-stress.html>
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8246362/>
<https://www.frontiersin.org/articles/10.3389/fnhum.2021.676032/full>
<https://en.wikipedia.org/wiki/Neuroaesthetics>
<https://www.cnbc.com/2020/03/31/mental-vacations-and-travel-photos-relieve-stress.html#:~:text=Looking%20at%20relaxing%20imagery%20can,involvement%20in%20fear%20and%20anxiety.%E2%80%9D>
<https://phys.org/news/2011-02-forest-trees.amp>

View & Renew Check Outs

You have no items

Outstanding Requests

Aesthetic preference in visual art : exploring neurobiological and psychological causation /

Rachel E. Kincaid

Transaction Number 424789

Details Actions

Awaiting Request Processing

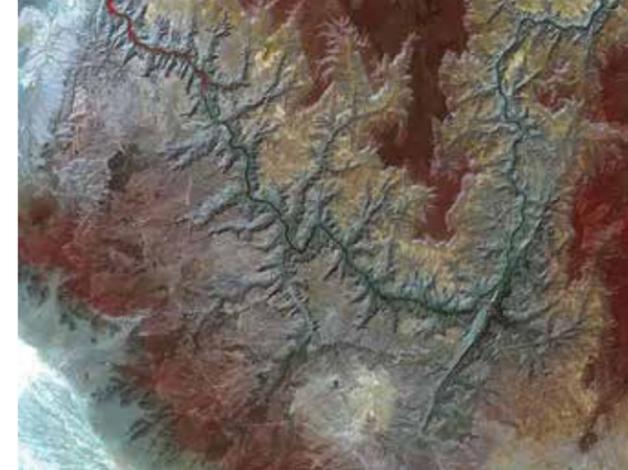
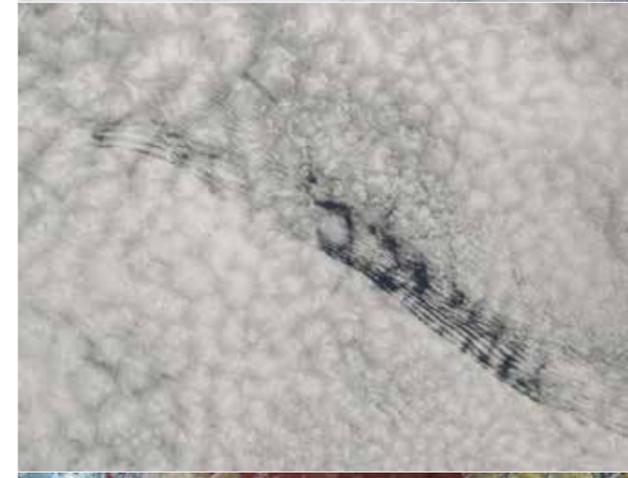
Nature Human Behaviour: Aesthetic preference for art can be predicted from a mixture of low- and high-level visual features

Iigaya, Kiyohito

Transaction Number 424795

Details Actions

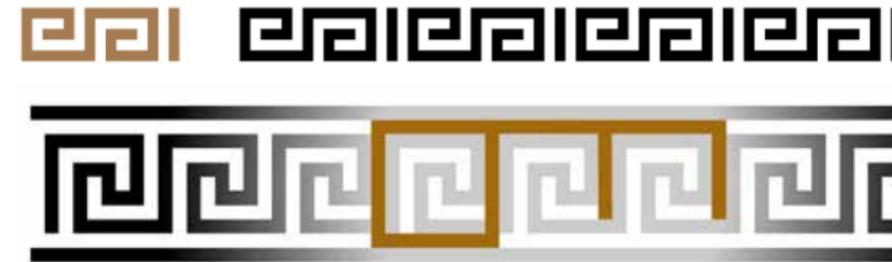
Awaiting Copyright Clearance



Spartan History & Symbolism

Spartan / Odyssey

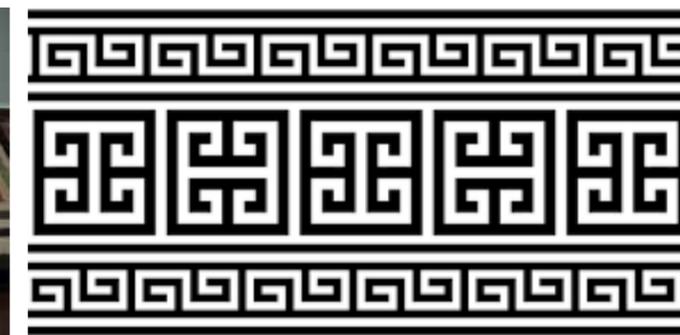
- a person of great **courage** and **self-discipline** marked by **simplicity**,
- **undaunted** by pain or danger
- behaves with immense **bravery**; who faced impossible odds
- was centered on **loyalty**
- the system emphasized **duty, discipline** and **endurance**
- No one soldier was considered superior; worked as a **unit** in a close, deep formation, and made coordinated mass maneuvers.
- descendants of Heracles



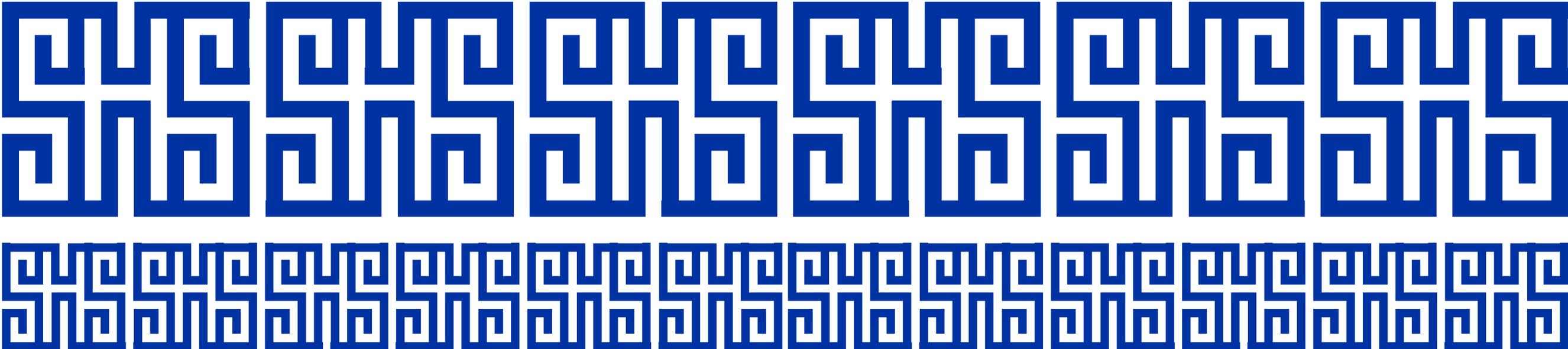
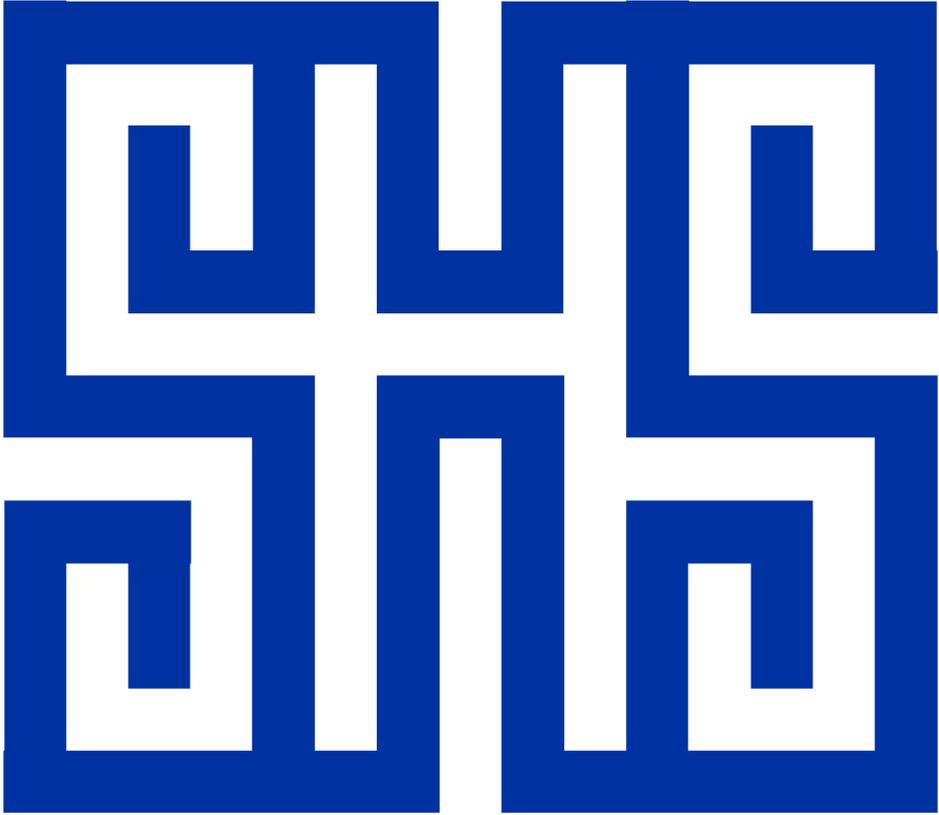
Greek Meander Key

For the people of Ancient Greece, Meander (or Meandros) was thought to symbolize **eternity** and the **undulating flow of human life**. The unbroken, interlocking pattern turned it into a symbol of both **unity** and **infinity**, whereupon it became one of the most important symbols in Ancient Greece.

<https://www.invaluable.com/blog/greek-key-pattern/>



Meander Monogram



The Common Thread

TOWN HISTORY

Shoe Maker Heritage

ALUMNI FOOTSTEPS

Big Shoes to Fill

MIDDLESEX FELS RESERVATION TRAILS

Pathways / Nature

STUDENT AGENCY

Choose Your Path

SPARTAN ODYSSEY

Epic Path Home

STONEHAM WAY : YOUR PATH



STONEHAM WAY : ILLUMINATE YOUR PATH
STONEHAM WAY : INVENT YOUR PATH
STONEHAM WAY : CREATE YOUR PATH
STONEHAM WAY : INSPIRE YOUR PATH
STONEHAM WAY : ENRICH YOUR PATH
STONEHAM WAY : EXPLORE YOUR PATH
STONEHAM WAY : CELEBRATE YOUR PATH
STONEHAM WAY : SHARE YOUR PATH

Graphic Information Hierarchy

01. Image

Reads as a soothing fractal, nature image/texture inspired by the Fells and mill streams of shoemaker heritage

02. Textural Type

Instead of pixels, image is comprized of .25" text excerpts from Homer's "The Odyssey", the epic Spartan Journey of victory and overcoming adversity

03. Stoneham Way: Your Path Message

"Path" attributes to inspire and support students in the agency of their learning

04. Greek Philosopher Quotes

Inspirational quotes that impart wisdom and evoke the true spirit of being a Spartan

05. Captions

Descriptions /teaching moments that explain the context of information within the graphics:

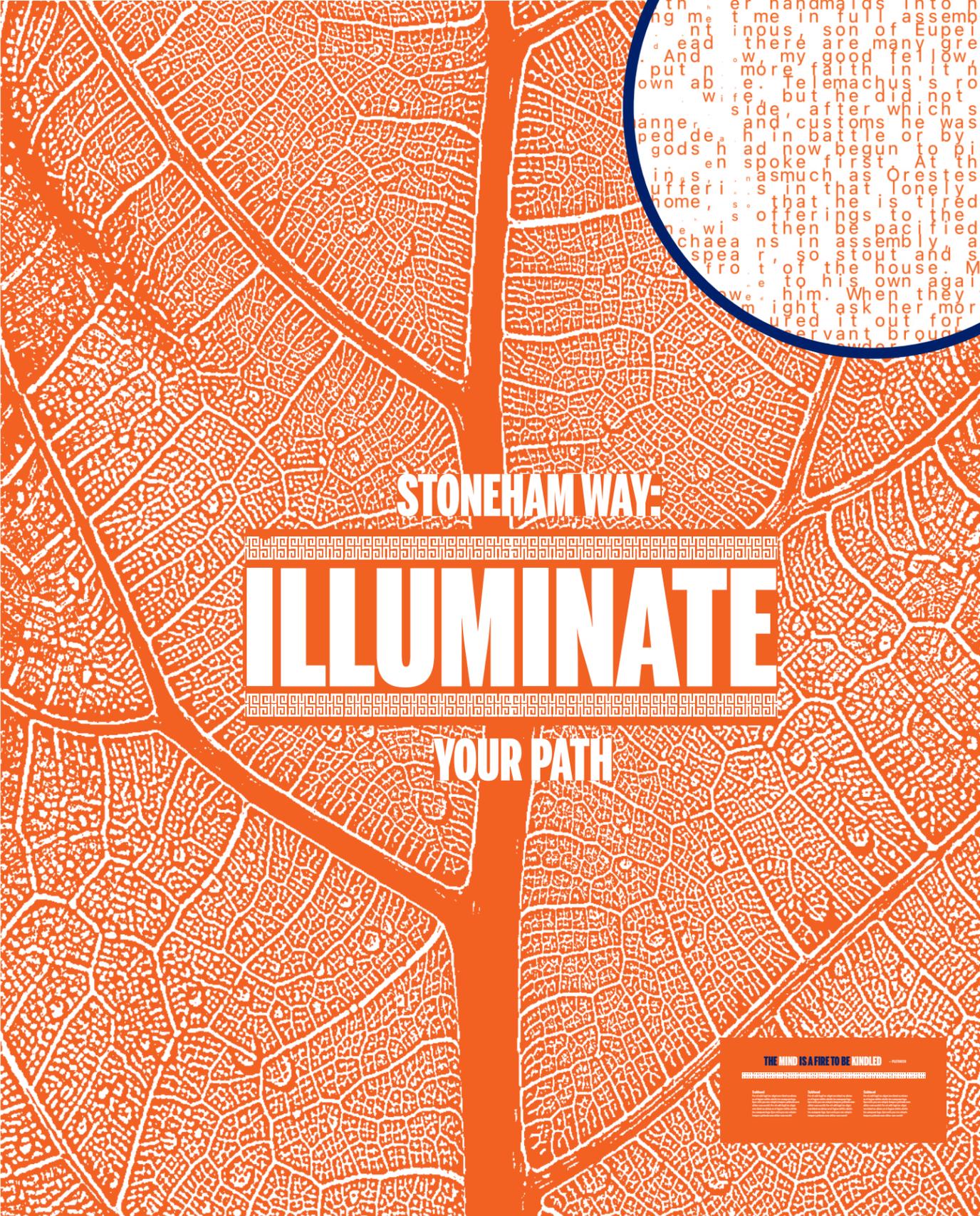
- Science of Fractals
- ASCII technology behind type texture
- Humanities significance in Odyssey parallels
- Historical references

THE MIND IS A FIRE TO BE KINDLED — PLUTARCH

Subhead
Por sit adit fugit iur aligni vero blant ea alicius ex et fugiae velitiis alicilic tes sumquam fuga. Epro estis pos nos volupta tempers pellenda num alitiur sam earchil. Por sit adit fugit iur aligni vero blant ea alicius ex et fugiae velitiis alicilic tes sumquam fuga. Epro estis pos nos volupta tempers pellenda num alitiur sam earchil

Subhead
Por sit adit fugit iur aligni vero blant ea alicius ex et fugiae velitiis alicilic tes sumquam fuga. Epro estis pos nos volupta tempers pellenda num alitiur sam earchil. Por sit adit fugit iur aligni vero blant ea alicius ex et fugiae velitiis alicilic tes sumquam fuga. Epro estis pos nos volupta tempers pellenda num alitiur sam earchil

Subhead
Por sit adit fugit iur aligni vero blant ea alicius ex et fugiae velitiis alicilic tes sumquam fuga. Epro estis pos nos volupta tempers pellenda num alitiur sam earchil. Por sit adit fugit iur aligni vero blant ea alicius ex et fugiae velitiis alicilic tes sumquam fuga. Epro estis pos nos volupta tempers pellenda num alitiur sam earchil

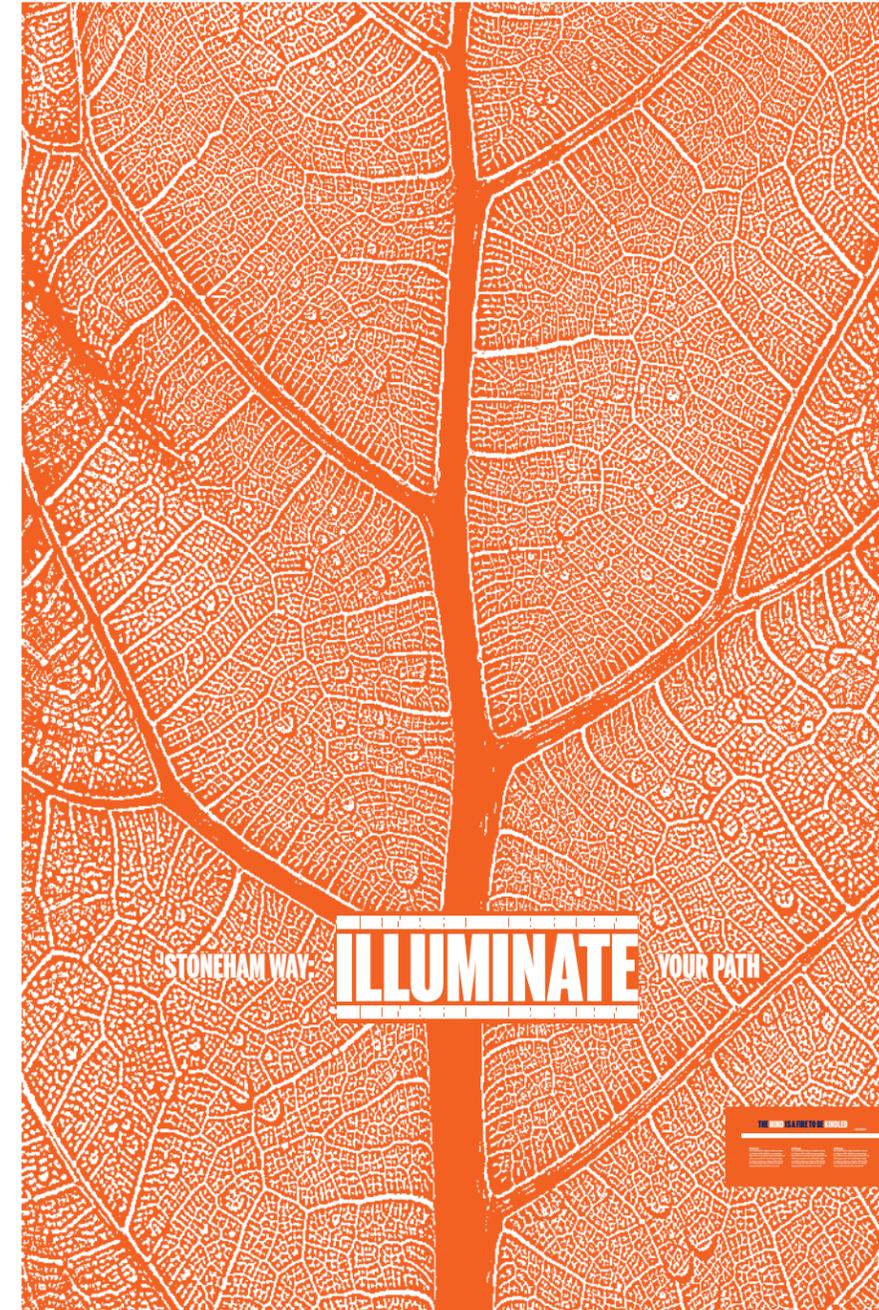


Forest

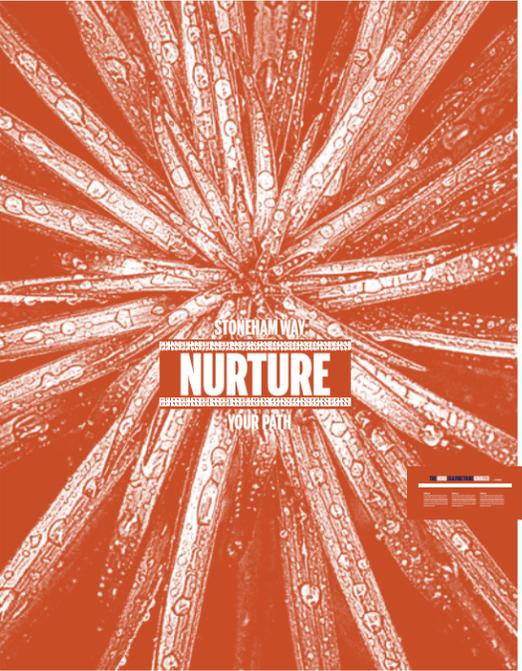
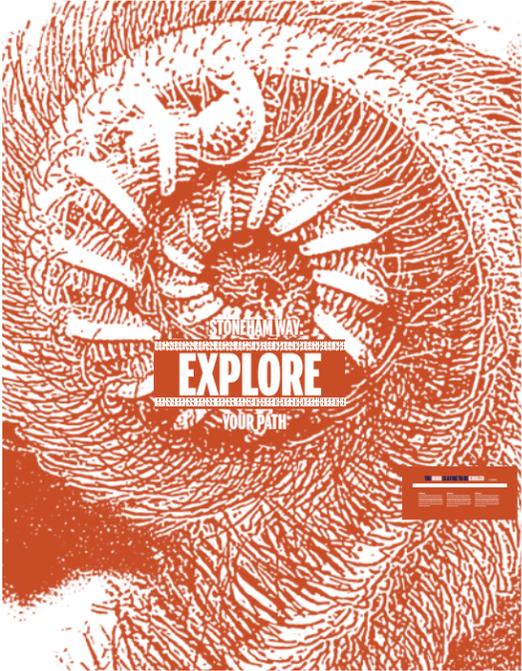
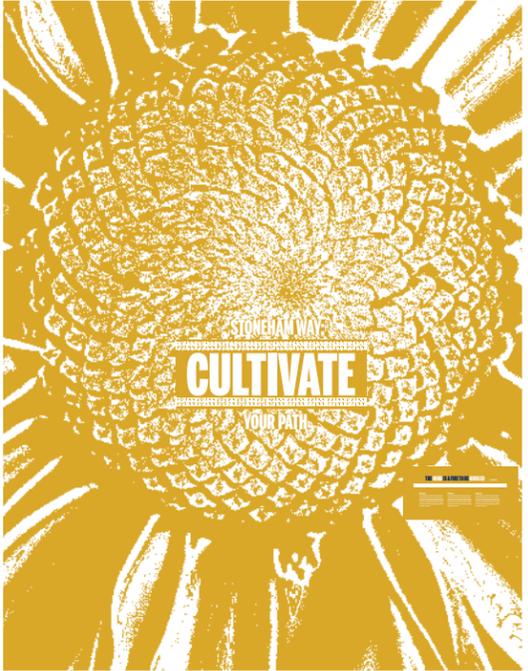
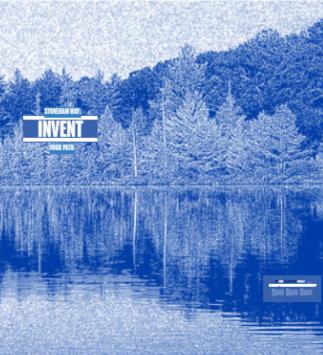
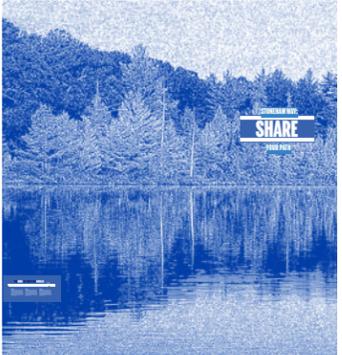
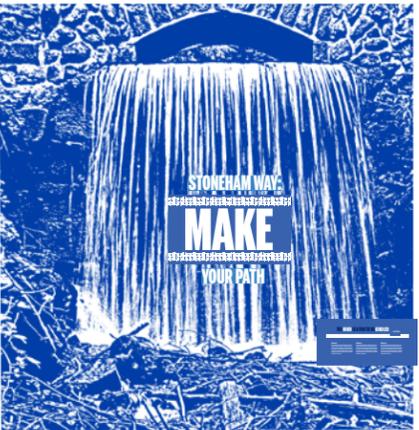
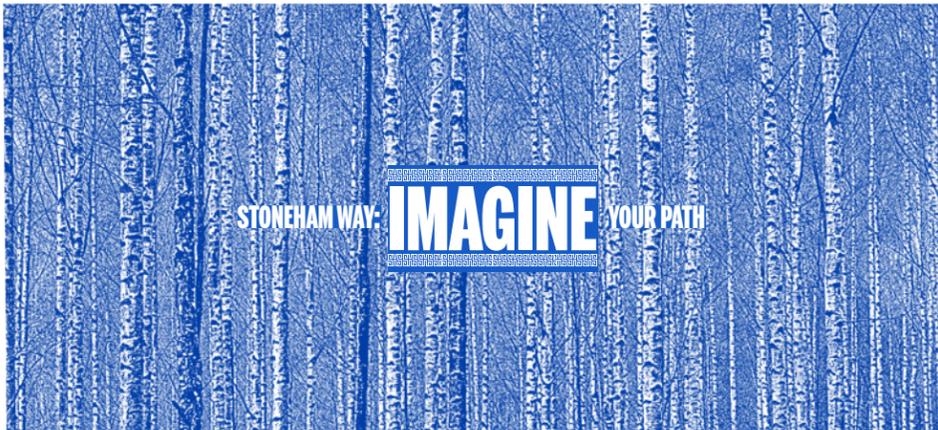
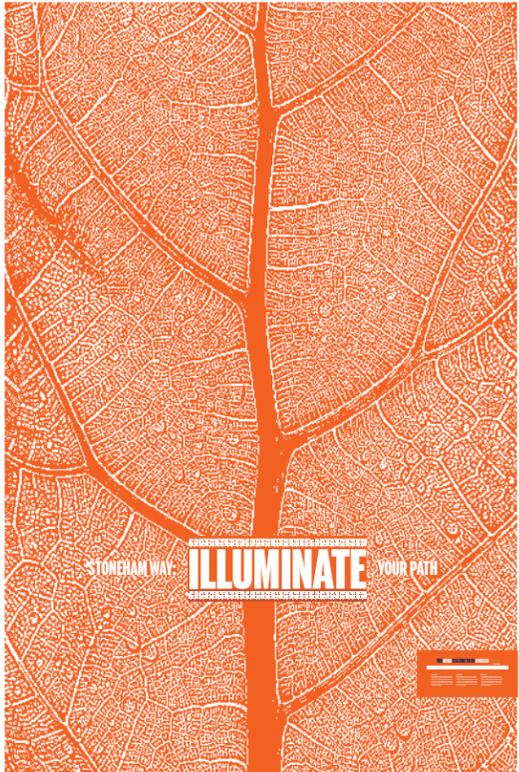
23b Band Corridor



LEVEL 01



Graphic System



Rock

02 Auditorium undercut wall & ceiling



LEVEL 01

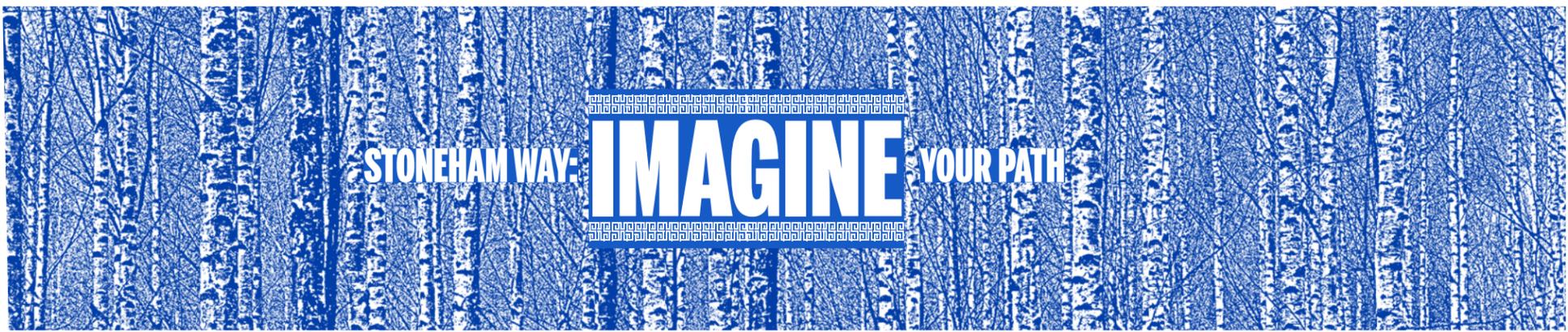


Forest

01 Main Entry TV Screen Wall

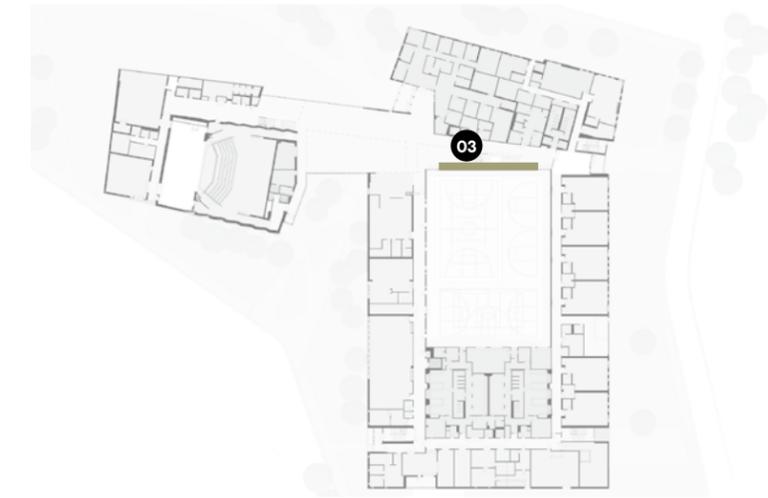


LEVEL 01



Forest

03 Monumental stair



LEVEL 01

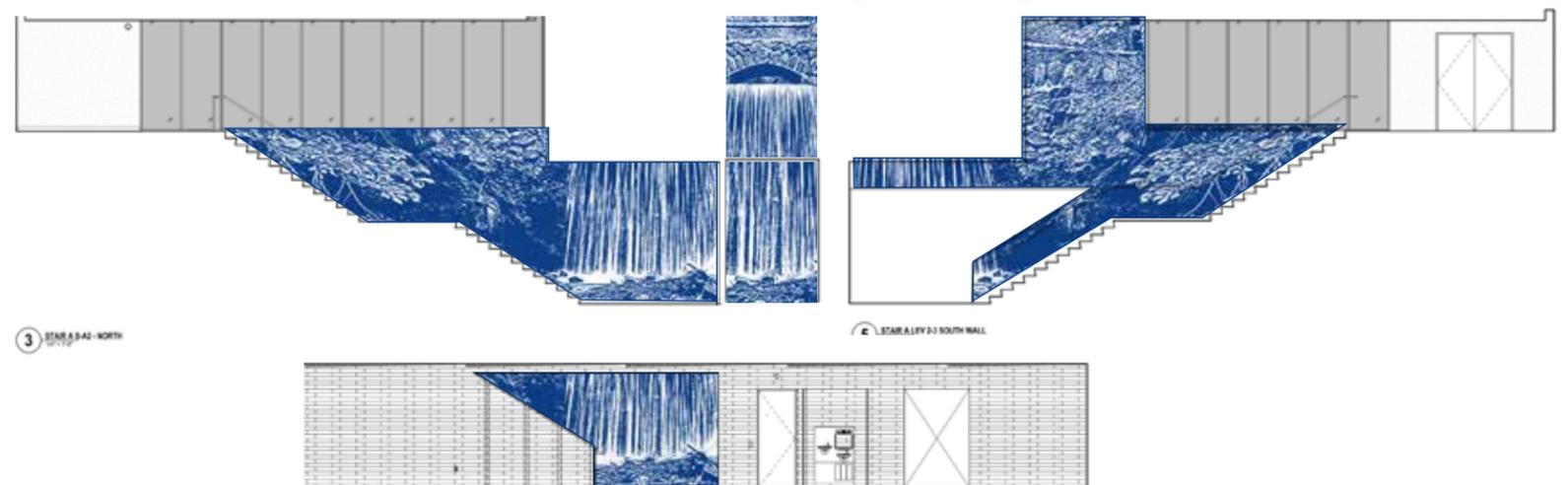


Rock

10 Fire stair



LEVEL 02



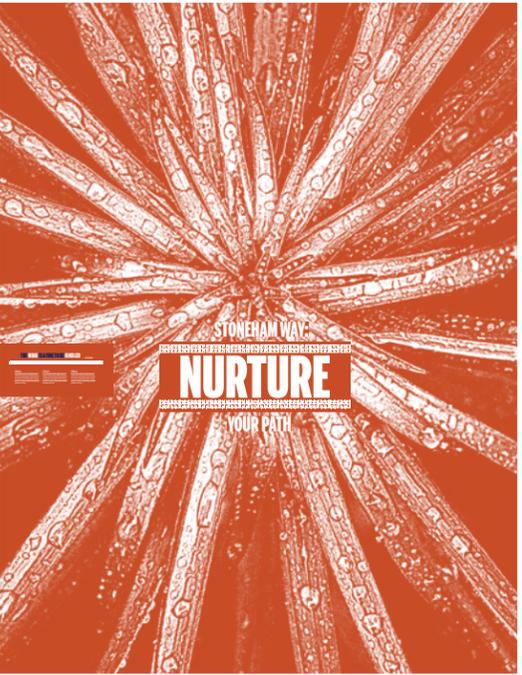
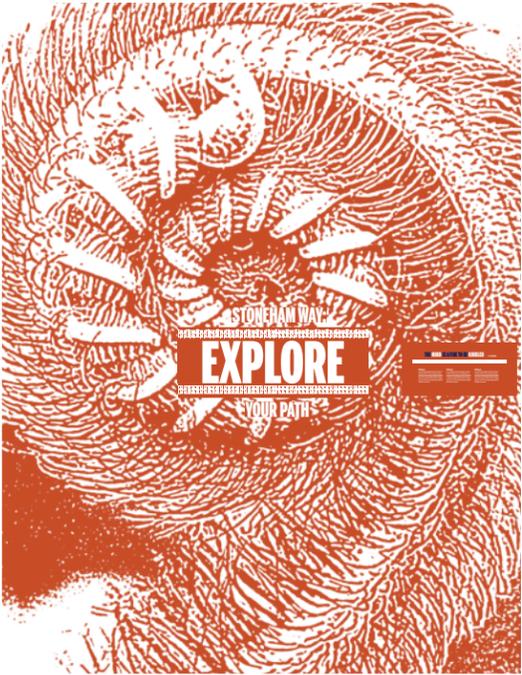
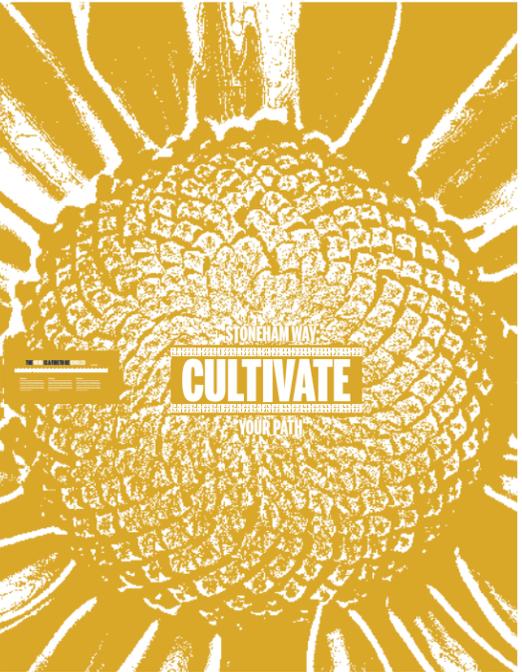
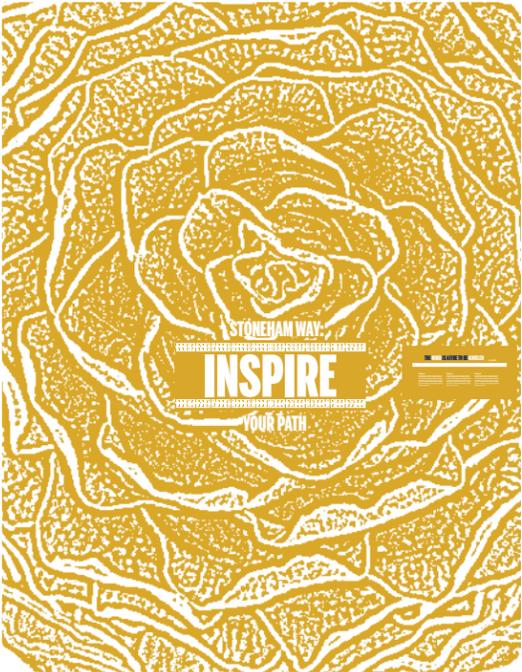
Forest

09 History Lab / Meeting Room

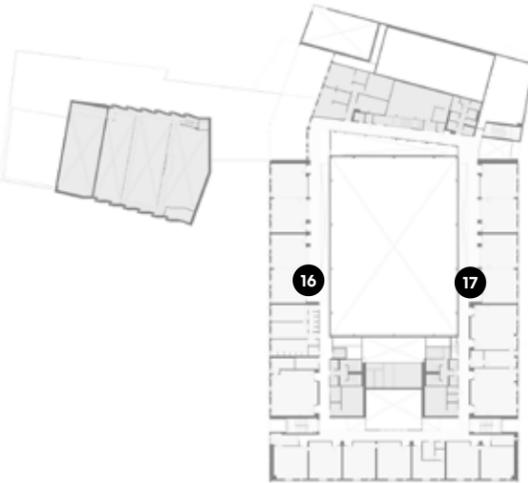


Meadow

14 - 17 Interior corridors L2, L3



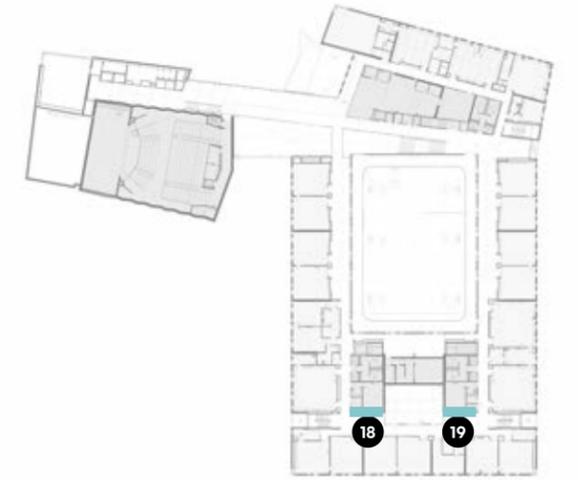
LEVEL 02



LEVEL 03

Pond

18 - 19 Maker Space

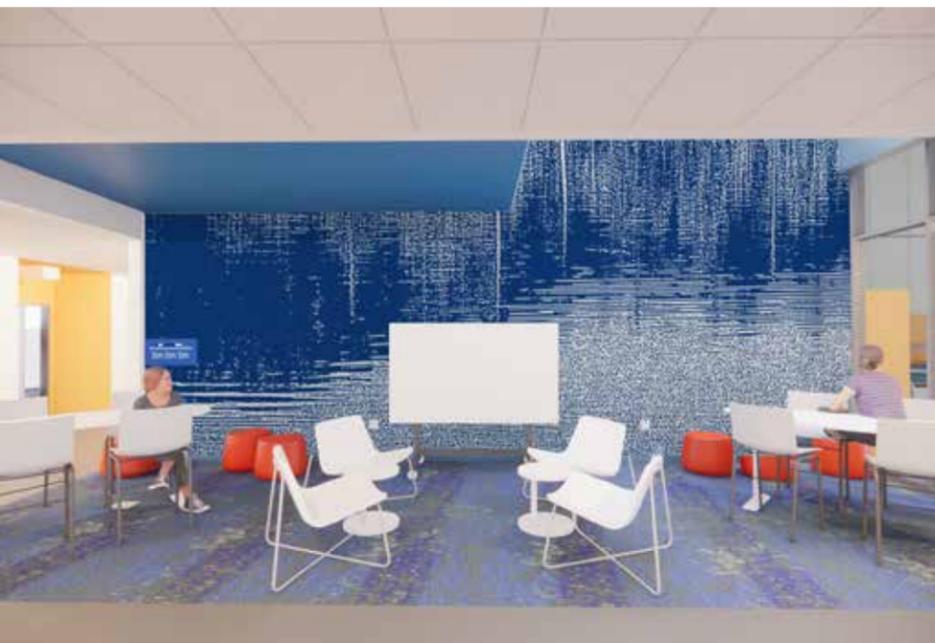


LEVEL 02

3W



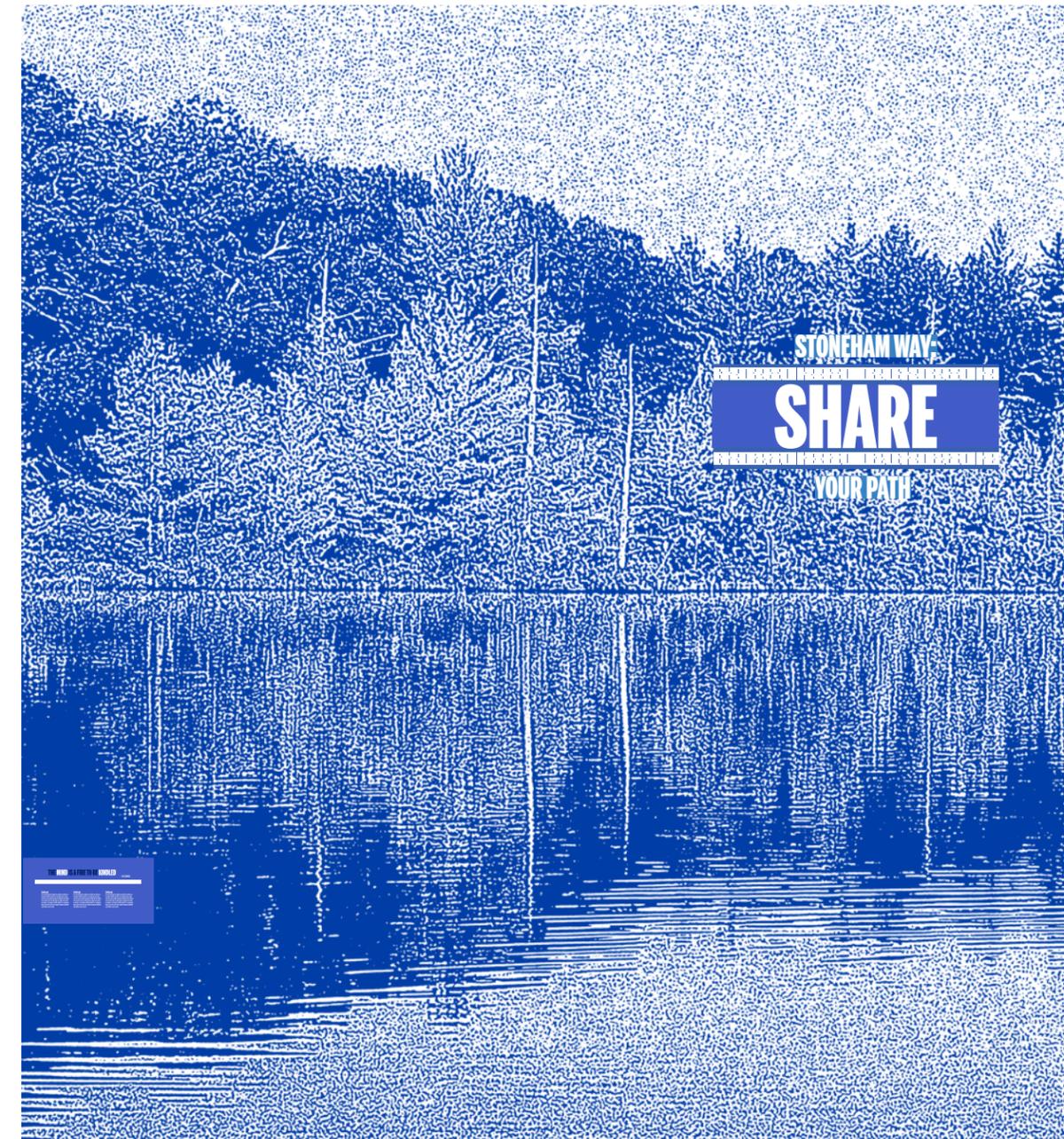
3E



2W



2E



Graphic System



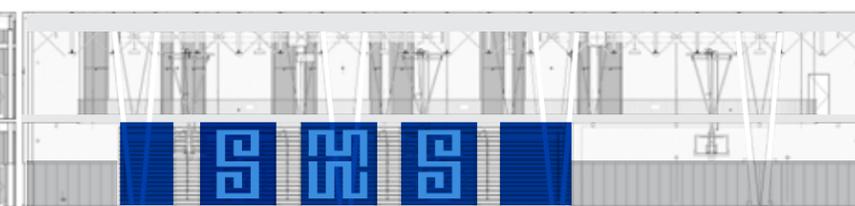
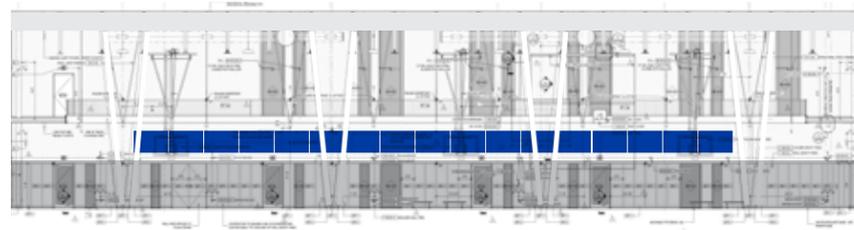
Athletics

Athletics

12 Gym north wall at interior 13 Gym south wall



LEVEL 02



12 Gym north wall

05 Gym bleacher graphics

13 Gym south wall

Study 1



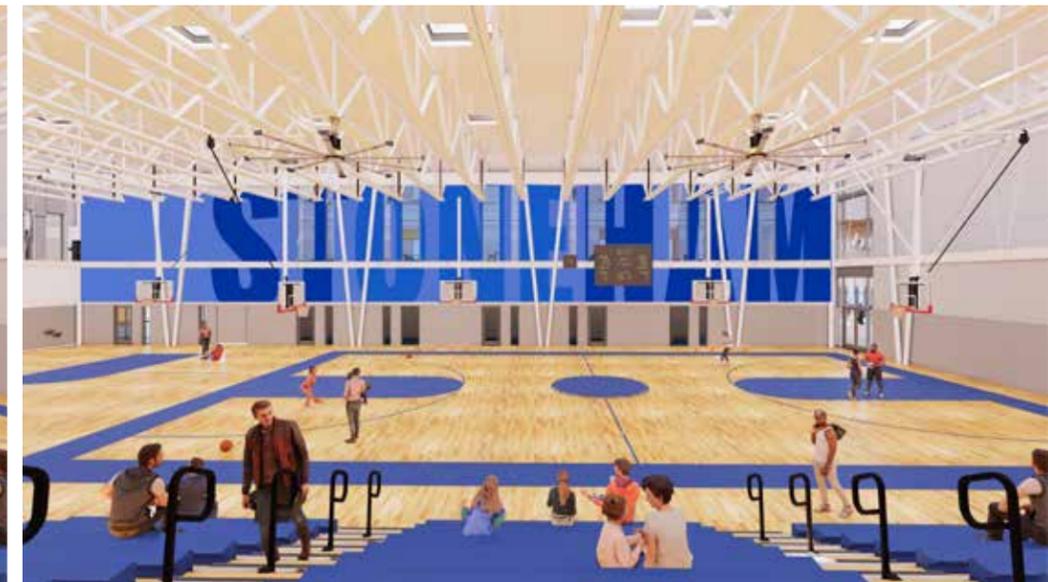
Study 2 (full bleed)



Study 3



West wall studies



Athletics

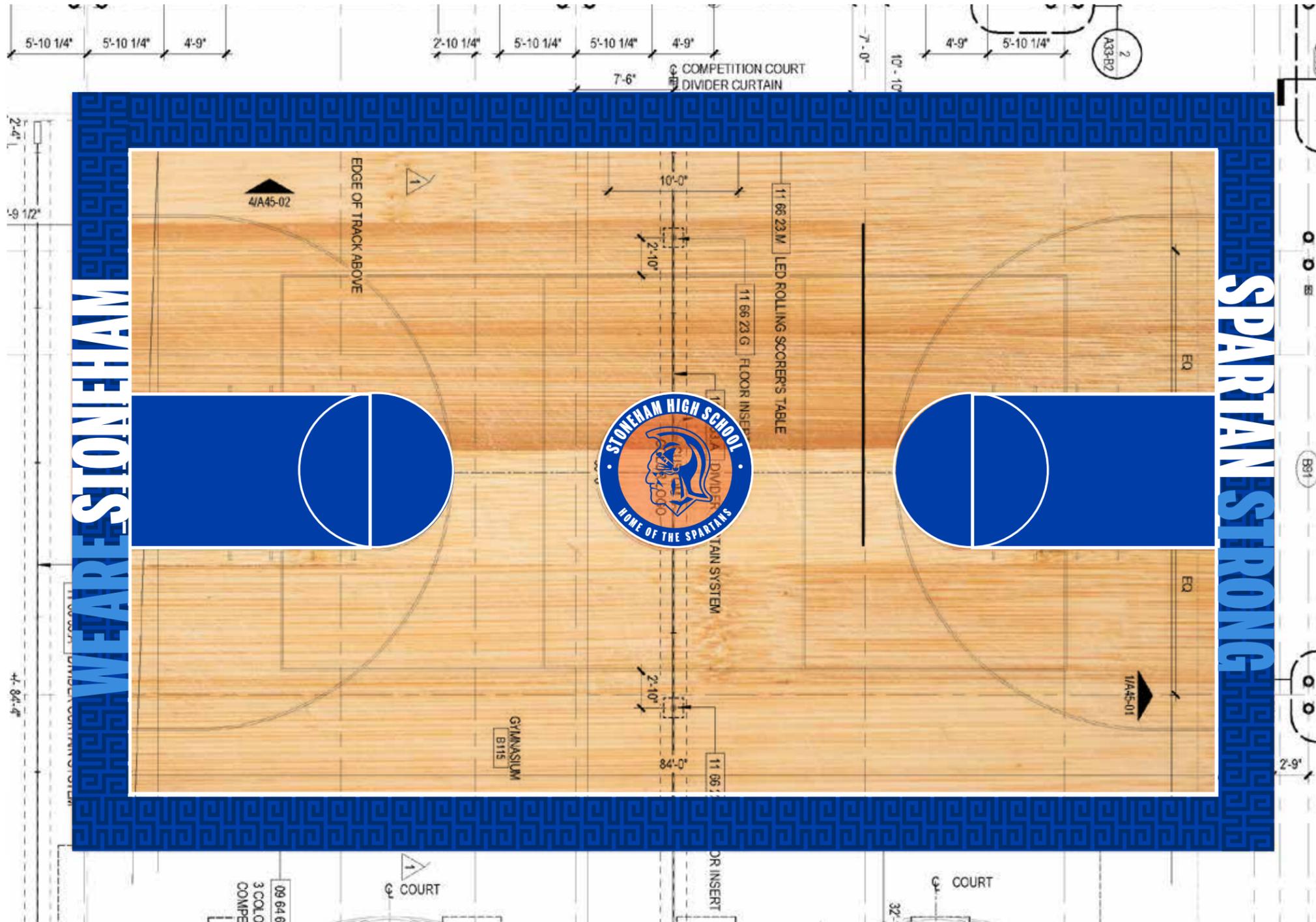
05 Gym bleacher graphics



LEVEL 01

Athletics

04 Gym baseline floor graphics



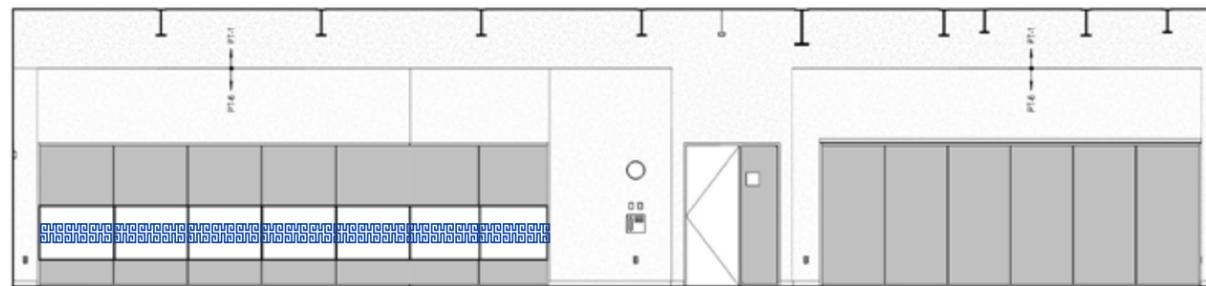
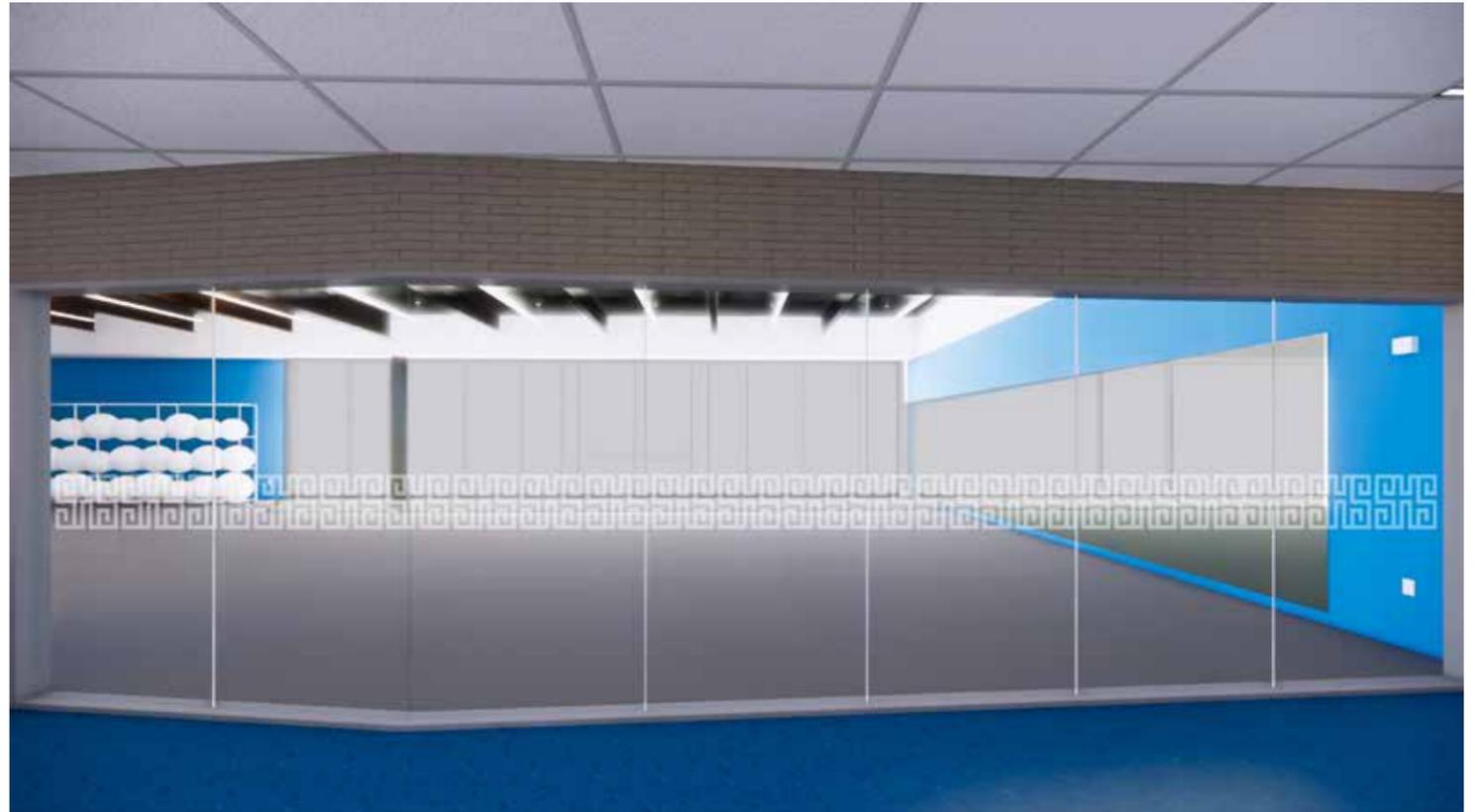
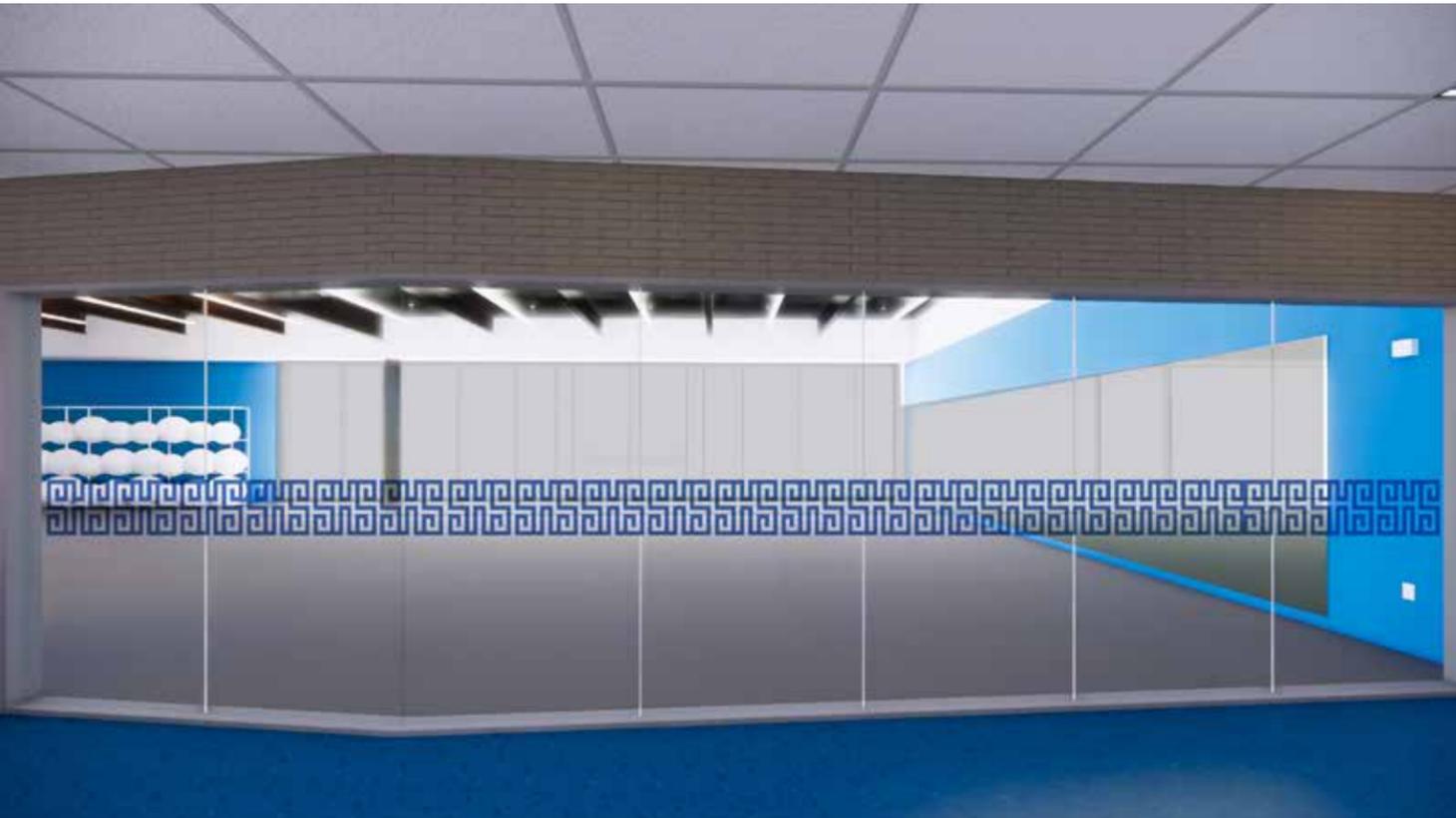
LEVEL 01

Athletics

06 Alt PE



LEVEL 01



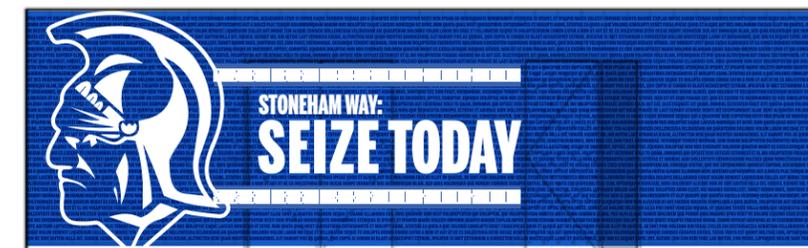
7 ALT PE B110-EAST
10-12

Athletics

22 Athletic corridor at Athletic entrance (Film on Tile)



LEVEL 01



22 Athletic corridor at Athletic entrance (Film on Tile)

Exterior





S P A R T A N S



Spartan

23 Band room curtainwall (Waterjet Fins)



LEVEL 02



Spartan

23 Band room curtainwall (Waterjet Fins)



LEVEL 02



Appendix

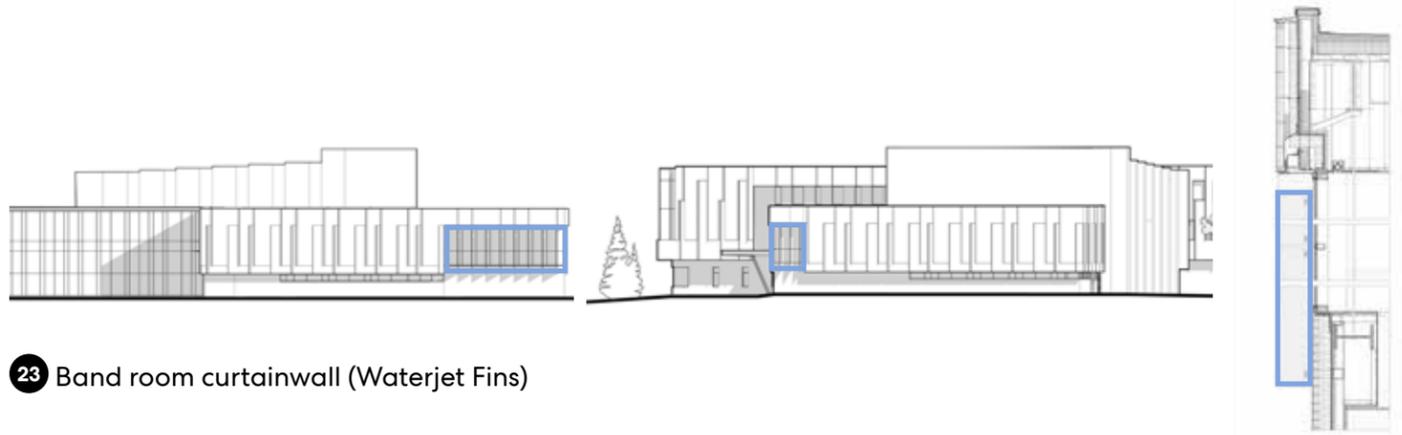
Zone Mapping a Graphic System



- 01 Main entry tv screen wall
- 02 Auditorium undercut wall & ceiling
- 03 Monumental stair
- 04 Gym baseline floor graphics
- 05 Gym bleacher graphics
- 06 Practice gym floor graphics
- 07 Pre-K entry
- 08 Pre-K lunch room
- 09 History lab
- 10 Fire stair
- 12 Gym north wall at interior (gym) side
- 13 Gym south wall (gym side)
- 14-21 Interior corridors
- 22 Athletic corridor at Athletic entrance (Film on Tile)
- 23 Band room curtainwall (Waterjet Fins)
- 23b Band room corridor

Location Overview

Spartan



23 Band room curtainwall (Waterjet Fins)

Meadow

Athletics

Wildlife



14-17 Interior corridors



12 Gym north wall at interior (gym) side



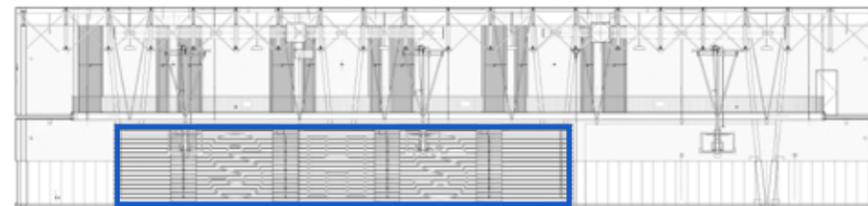
? Alt PE



22 Athletic corridor (Film on Tile)



13 Gym south wall (gym side)



05 Gym bleacher graphics

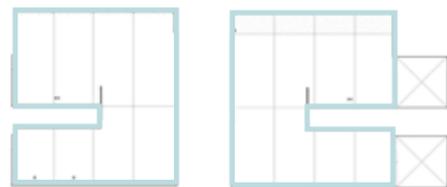


07 Pre-K entry



08 Pre-K lunch room

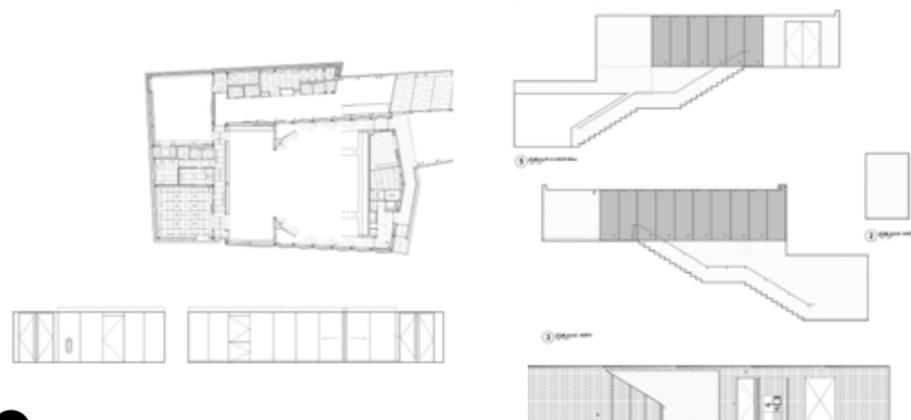
Pond



18-19 Collaboration

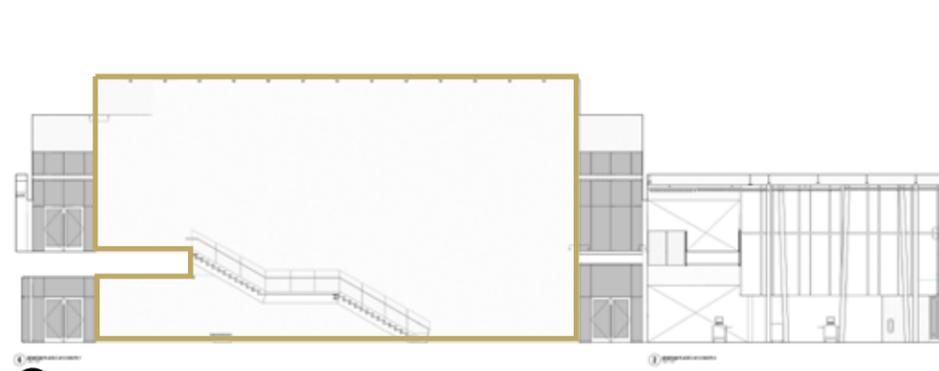
Rock

Forest



02 Auditorium undercut wall & ceiling

10 Firestair



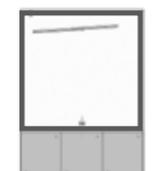
03 Gym north wall at monumental stair



01 Main entry tv screen wall



09 History lab



23b Band Corridor

09.15.2023

Discussion Recap

HOW DO YOU WANT STUDENTS, FAMILIES AND TEACHERS TO FEEL AS THEY ENTER?

- **Welcome** and sense of **belonging**
- **courageous, caring.**
- **comfortable** and welcome, and **safe**
- What does safe mean - **be themselves no matter what**
- What makes you feel inspired? Safety, **creative**, new ideas, I **want to be part of something, explorative**. Aspirational or digital? Both. Technology that wows you when you walk in. **successes of past Spartans. I can do that**, I can be part of that
- can **see some reflection of themselves, personal connection**. Ex. Student work, **academics, dynamic** (something that changes, digital perhaps, not stagnant), stays **relevant**
- demonstrates **opportunities** that realize in the building, something that happens in the building
- **knowledge** can be obtained
- **positive** environment, academic **successes, you can do this** too! From graduates or students.
- safe space - **class "less"** (all-encompassing community). Enter school: **exhale/relief** when walking through the door
- students **find multiples paths** and interests, all this great stuff here and can also do many things. **Interdisciplinary** approach to the world.
- reflecting students own interests and **identities**. Giving them **window to the outside world**, creating something that gives a **look at what is beyond** the school, opportunities beyond
- safe, opportunities. Safe = had trouble going to school, trouble now, don't feel anxious. **Not judged**, for enjoying activities, clothing, class. **Feeling supported**
- town as a **family. Included** in everything. Walking into your **home**, feel safe and **comfortable**. What are the attributes of the town that make it special - no matter who you are, you are included. Everyone that lives, visits, feels like they are **part of the community**. Going to have Sunday dinner with you. Feel like she grew up here.
- **united**, safe space, extension of home. We're a family, but we don't always get along, but we get through it.
- came here because they **love the town**
- no rich poor black white, unique **village. Anxiety**, a lot of **stressors** when kids come to school. **Want to decompress**.

- **small town**
- **one for all and all for one**. Challenging, this **community rises**
- **identity, we are blue**. Royal blue. Spartan mascot. New spartan? What does a spartan mean? History of a spartan, what does spartan strong mean?
- **empowered and heard**. 3 years of pandemic. Go back into normal student life. Families to be heard. Who knows their own child better than their parents. To know if there is a problem, will be heard, be empowered to help their child. Welcomed, safe.
- Student's need to be encouraged to be not afraid to speak up / speak first; Do students need to be encouraged to have a voice: no one wants to voice something first.
- there are some students who don't feel that way, when you come into Stoneham, this is **the Stoneham way**. You have the ethos in the community. How do you get that feeling out there to others. Demographics are changing minutely. **New identities, heritages** of new families, to be heard and understood.
- feeling welcome. deter bullying. Somerville has a whole **map** in the doorway push pin, **where you're from. Representation** of who the kids are, being the new kid is hard. Every department is represented. Welcome in different languages. All sports represented.
- **diverse, united, accepting**. Family went through tragedy, beyond humbled. I am a spartan, unique, **talented**, united, **strong**. Village is united when we rally the troops. Notices in different languages.
- town is **authentic**. If it comes across as cheesy, the town will tell you. Feel at home. - no gimmicks

ARE THERE ANY STORIES OR TRADITIONS THAT ARE IMPORTANT TO DISPLAY

- The **rocks**
- **legacy display** - so photos from what was there before. Meaningful memories that belong to everything Legacy stories of the past and new
- **Shoe town**
- **Carnival Ball** (started 1929, less popular among the students now) / Coronation
- **Lip Dub** encapsulates the spirit of Carnival Ball: working as a team. Emmy. Team work. patient. listening.
- **Success stories**
- **Affirmation messaging** to welcome
- Athletics mascot
- teach **transferable skills**. How to deal with **high order** skills.
- **effective communication**. Skills that transfer first. Student athlete, student comes first. What makes you successful in the future.
- sports and arts are divided. Something that **brings the school together**, to **show off** all departments. **Showcase** that different paths when you get there.
- Academics athletics + arts equally. Academics is at the top. More separation than we'd like. Football teams gets streets lined, but not for arts. That tilts the triangle, how the school feels.
- In the town there is a whole section for sports. How do you elevate the others? And creates division. **Help level the playing field**
- **natural environment** is an equalizer. Doesn't put anyone into categories. Not spartan. Larger environment. Not just building one category up.

GENERAL

- What does the **spirit** look now? What will it look like in the future?
- How can we design branding to allow for there to be **past/present /future**
- **Bridging traditions** between sub-communities in stoneham (and at stoneham HS)
- Bridging traditions between past / future
- Branding is going to emphasize who the community is - which will **emphasize the culture**
- Building will change, but we still have culture
- Branding can change the culture
- High school but also a **community building**
- **Honor heritage** and open to the future.
- athletic side and academic side
- Hierarchy of messaging. Not a mascot everywhere.

Discovery Homework



01/A Bring an image or object that best represents how Stoneham High School is **perceived today**.

Known for the **teaching**, but This building is a **mess**.

I think the community perceives the current high school as a place that is **rundown, shabby, uncared for**, but with lots of green and growing students and teachers accomplishing education **with the tools they have**.

Non-welcoming, athletic school, great English department, **care** for the students

01/B Bring an image or object that best represents Stoneham High School's **desired perception**.

I want people to feel a **sense of pride** in a community **coming together** to provide a place where students can be **healthy, happy, comfortable** and **enabled** to learn every day.

02/ Bring an image or object that best represents **how you want people to feel in the new school**.

I want staff, students and visitors to feel that they can **accomplish anything and everything**, that they can **soar** as high as they choose.

Open to new things, Welcoming to all, **Happy** for all sports, arts, music and drama, Very **supportive** of students and staff

Embody Spartan Spirit

03/ Bring a list of 3 words that best describe the **personality of Stoneham High School**.

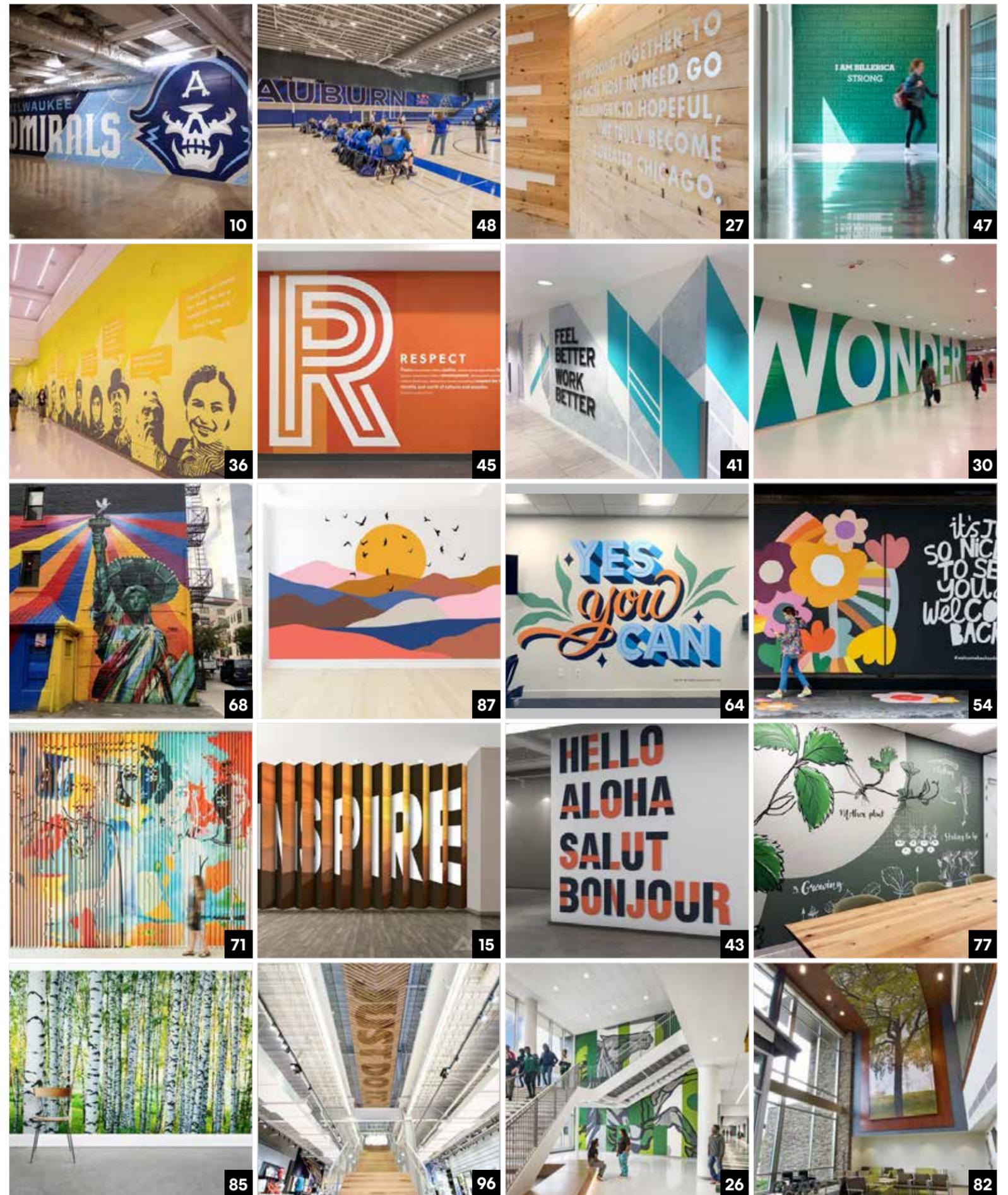
Inclusive | Welcoming | Happy | United | Creative | Inspiring | Inviting | Intriguing | Brave | Respectful

Visual Listening : Likes

TAKEAWAYS:

- calming, sense of belonging, natural
- simplistic, monotone imagery
- artful, human touch
- inspiring quotes

- 15 preferred for fins
- 31 **identity** of school
- 27 wood, **natural**, not a fan of the messaging
- 26 **color and light. Simplistic, calming**, less stimulation, looking for a natural vibe in a modern school
- 10 “cool looking” like the use of 2 **blues**
- 43 prefers the **language** more than style, doesn't like hierarchy in language, don't put English on a higher pedestal
- 13 conflicting opinion, doesn't love the colors, but the **mascot** in the gym is appealing
- 48 like for color, calming
- 68 **painterly** on brick textures, feels more “**human**”
- 64 “yes you can” likes the messaging
- 71 natural and **authentic**,
- 77 Nature, calming, **serene** theme, “looks like something Patrick would do”
- 82, 85 **photograph** rather than a graphic is appealing, could use rotating student work
- 96 likes **graphics on the ceiling**, but doesn't like the “just do it” corporate message
- 75 like the idea of **learning** something from the walls. Maybe about the types of plants in the fells, or class collages, or a way for each class to leave their mark. How does it grow over time?



Visual Listening : Dislikes

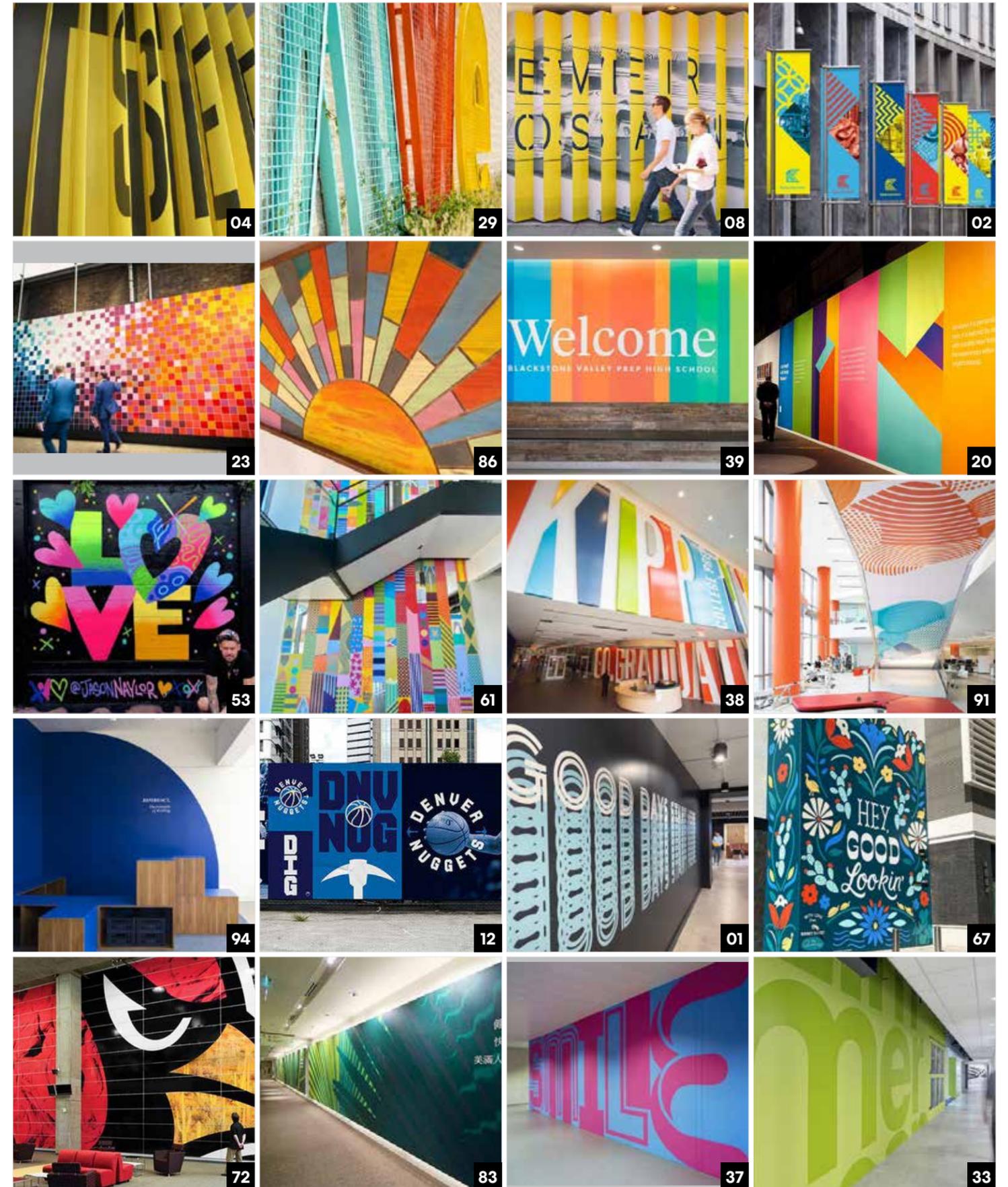
TAKEAWAYS:

- avoid platitude messaging
- avoid saturated, overly colorful
- avoid too busy
- avoid too childish

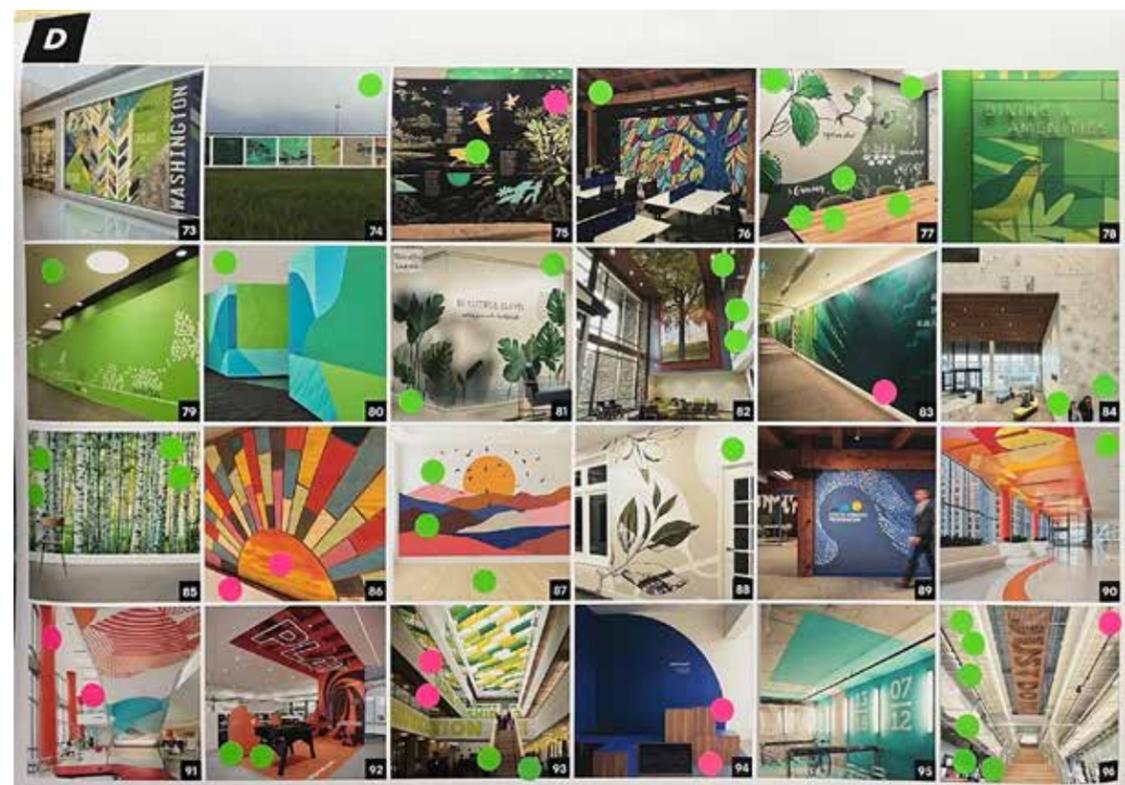
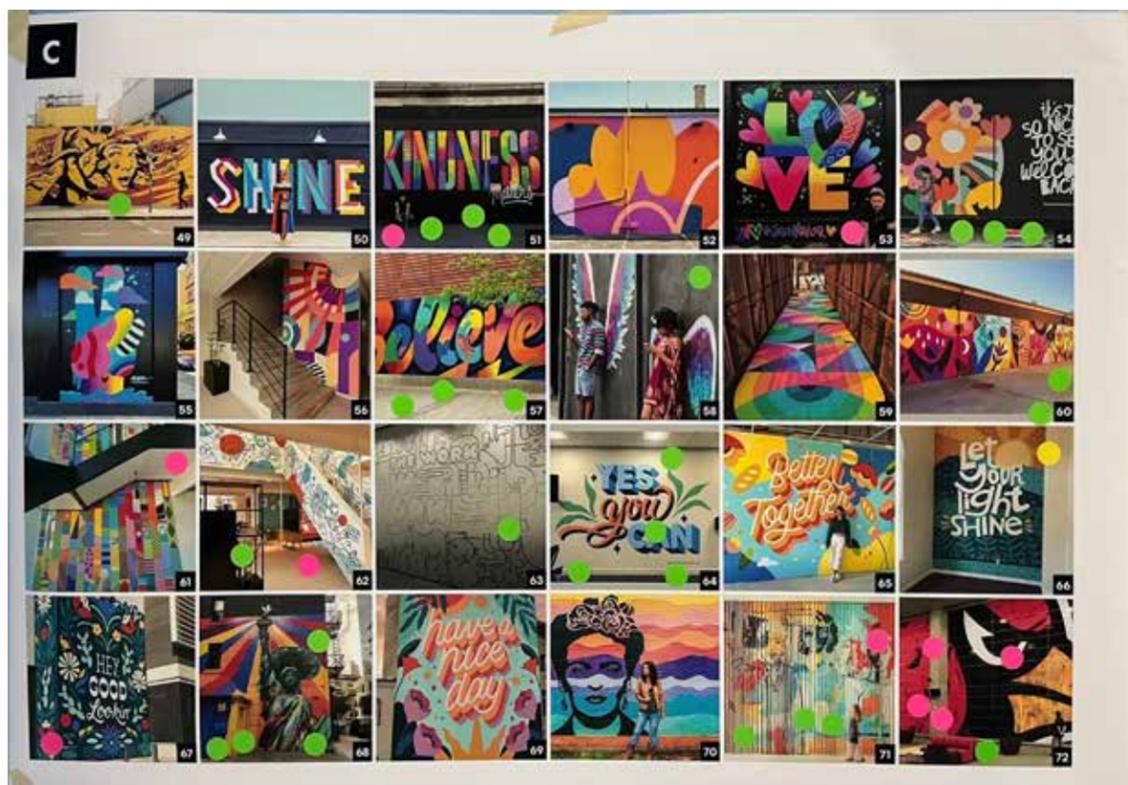
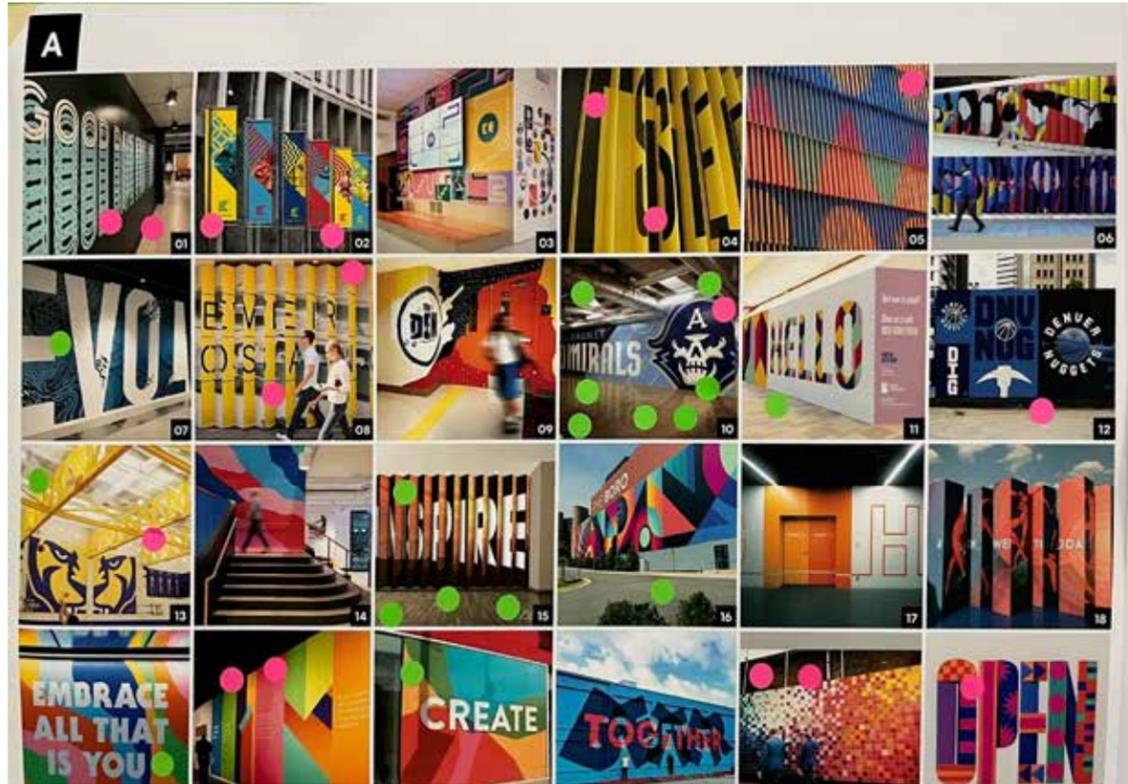
29 NO: doesn't say anything

72 NO: too big, scary

53 but doesn't like the "love", "be kind" messaging



Visual Listening : Responses



Neuroaesthetics

Neuroaesthetics

<https://www.thecrimson.com/article/2017/11/10/neuroaesthetics-cover/>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7075503/>

<https://en.wikipedia.org/wiki/Neuroesthetics>

The aesthetic triad

Aesthetic experiences are an emergent property of interactions among a triad of neural systems that involve sensory-motor, emotion-valuation, and meaning-knowledge circuitry.[11][19]

The visual brain segregates visual elements like luminance, color, and motion, as well as higher order objects like faces, bodies, and landscapes. Aesthetic encounters engage these sensory systems. For example, gazing at Van Gogh's dynamic paintings evokes a subjective sense of movement and activates visual motion areas V5/MT+.[20] Portraits activate the face area in the fusiform gyrus (FFA) and landscape paintings activate the place area in the parahippocampal gyrus (PPA).[21] Beyond classifying visual elements, these sensory areas may also be involved in evaluating them. Beautiful faces activate the fusiform face and adjacent areas.[22] The question of how much and what kind of valuation takes place in sensory cortices is an area of active inquiry.

Looking at paintings that depict actions also engages parts of people's motor systems. This engagement taps into the extended mirror neuron system. Mirror neurons, first discovered in monkeys, are neurons that respond to both the execution and perception of actions.[23] A similar system exists in humans.[24] This system resonates when people infer the intent of artistic gestures or observe the consequences of actions such as in Lucio Fontana's cut canvases. This subtle motor engagement may represent an embodied element of our empathetic responses to visual art.[25][26]

The pleasure that people derive from looking at beautiful objects automatically engages general reward circuitry.[27] For example, attractive faces activate the FFA[22] and parts of the ventral striatum[28] even when people are not thinking explicitly about the attractiveness of these faces. The orbito- and medial-frontal cortex, the ventral striatum, anterior cingulate and insula respond to beautiful visual images[29][30][31][32] and the medial orbitofrontal cortex and adjacent cingulate cortex respond to different sources of pleasures including music[33] and even architectural spaces.[34]

Kirk and colleagues[35] investigated the effects of expectations on neural responses. People rated abstract "art-like" images as more attractive if labeled as being from a museum than labeled as generated by a computer. This preference was accompanied by greater neural activity in the medial orbitofrontal and ventromedial prefrontal cortex. Thinking an image was a museum piece also produced activity in the entorhinal cortex, suggesting that people's expectations draw on memories that enhance (or probably also diminish) visual pleasure. Similarly, Lacey and colleagues[36] found that people's ventral striatum and parts of the orbitofrontal cortex were more responsive to the "art status" than to the actual content of visual images. Huang and colleagues[37] found that people have different neural responses when told that they are looking at an authentic or copied Rembrandt portrait. Authentic portraits evoked orbitofrontal activity,

whereas copies evoked neural responses in the frontopolar cortex and the right precuneus. The implication of these studies is that context and knowledge beyond the sensory qualities of visual images demonstrably affects people's neural activity in aesthetic experiences.

Ramachandran's eight laws of artistic experience

Vilayanur S. Ramachandran and his fellow researchers including William Hirstein, developed a highly speculative theory of human artistic experience and the neural mechanisms that mediate it.[8] These "laws" combine to develop underlying high order concepts of the human artistic experience. Although not all encompassing as there are undoubtedly many other principles of artistic experience, the theorists claim that they provide a framework for understanding aspects of visual art, style and design. Although testing of these principles quantitatively may provide future evidence for specific areas of the brain responsible for one kind of aesthetic appeal, the theory faces substantial philosophical and historical objections.

Peak shift principle

This psychological phenomenon is typically known for its application in animal discrimination learning. In the peak shift effect, animals sometimes respond more strongly to exaggerated versions of the training stimuli. For instance, a rat is trained to discriminate a square from a rectangle by being rewarded for recognizing the rectangle. The rat will respond more frequently to the object for which it is being rewarded to the point that a rat will respond to a rectangle that is longer and more narrow with a higher frequency than the original with which it was trained. This is called a supernormal stimulus. The fact that the rat is responding more to a 'super' rectangle implies that it is learning a rule.

This effect can be applied to human pattern recognition and aesthetic preference. Some artists attempt to capture the very essence of something in order to evoke a direct emotional response. In other words, they try to make a 'super' rectangle to get the viewer to have an enhanced response. To capture the essence of something, an artist amplifies the differences of that object, or what makes it unique, to highlight the essential features and reduce redundant information. This process mimics what the visual areas of the brain have evolved to do and more powerfully activates the same neural mechanisms that were originally activated by the original object.[8]

Some artists deliberately exaggerate creative components such as shading, highlights, and illumination to an extent that would never occur in a real image to produce a caricature. These artists may be unconsciously producing heightened activity in the specific areas of the brain in a manner that is not obvious to the conscious mind. A significant portion of the experience of art is not self-consciously reflected upon by audiences, so it is not clear whether the peak-shift thesis has any special explanatory power in understanding the creation and reception of art.

Isolation

Isolating a single visual cue helps the organism allocate attention to the output of a single module, thereby allowing it to more effectively enjoy the peak shift along the dimensions represented in that module.[8] In other words, there is a need to isolate the desired visual form before that aspect is amplified. This is why an outline drawing or sketch is sometimes more effective as art than an original color photograph. For example, a cartoonist may exaggerate certain facial features which are unique to the character and remove other forms which it shares such as skin tones. This efficiency prevents non-unique features from detracting from the image. This is why one can predict that an outline drawing would be more aesthetically pleasing than a color photograph.

The viewers attention is drawn towards this single area allowing one's attention to be focused on this source of information. Enhancements

introduced by the artist more carefully noted resulting in the amplification of limbic system activation and reinforcement.

Grouping

Perceptual grouping to delineate a figure from the background may be enjoyable. The source of the pleasure may have come about because of the evolutionary necessity to give organisms an incentive to uncover objects, such as predators, from noisy environments. For example, when viewing ink blots, the visual system segments the scene to defeat camouflage and link a subset of splotches together. This may be accomplished most effectively if limbic reinforcement is fed back to early vision at every stage of visual processing leading up to the discovery of the object. The key idea is that due to the limited attentional resources, constant feedback facilitates processing of features at earlier stages due to the discovery of a clue which produces limbic activation to draw one's attention to important features.[8] Though not spontaneous, this reinforcement is the source of the pleasant sensation. The discovery of the object itself results in a pleasant 'aha' revelation causing the organism to hold onto the image.

An artist can make use of this phenomenon by teasing the system. This allows for temporary binding to be communicated by a signal to the limbic system for reinforcement which is a source of the aesthetic experience.

Contrast

Extracting contrast involves eliminating redundant information and focusing attention. Cells in the retina, the lateral geniculate body or relay station in the brain, and in the visual cortex respond predominantly to step changes in luminance rather than homogeneous surface colors. Smooth gradients are much harder for the visual system to detect rather than segmented divisions of shades resulting in easily detectable edges. Contrasts due to the formation of edges may be pleasing to the eye. The importance of the visual neuron's varying responses to the orientation and presence of edges has previously been proven by David H. Hubel and Torsten Wiesel.[41] This may hold evolutionary significance since regions of contrast are information rich requiring reinforcement and the allocation of attention. In contrast to the principle of grouping, contrasting features are typically in close proximity eliminating the need to link distant, but similar features.

Perceptual problem solving

Tied to the detection of contrast and grouping is the concept that discovery of an object after a struggle is more pleasing than one which is instantaneously obvious. The mechanism ensures that the struggle is reinforcing so that the viewer continues to look until the discovery. From a survival point of view, this may be important for the continued search for predators. Ramachandran suggests for the same reason that a model whose hips and breasts are about to be revealed is more provocative than one who is already completely naked.[8] A meaning that is implied is more alluring than one that is explicit.

The generic viewpoint

The visual system dislikes interpretations which rely on a unique vantage point. Rather it accepts the visual interpretation for which there is an infinite set of viewpoints that could produce the class of retinal images. For example, in a landscape image, it will interpret an object in the foreground as obscuring an object in the background, rather than assuming that the background figure has a piece missing.

In theory, if an artist is trying to please the eye, they should avoid such coincidences.[8] However, in certain applications, the violation of this principle can also produce a pleasing effect.

Visual metaphors

Ramachandran defines a metaphor as a mental tunnel between two concepts that appear grossly dissimilar on the surface, but instead share a deeper connection. Similar to the effects of perceptual problem solving, grasping an analogy is rewarding. It enables the viewer to highlight crucial aspects that the two objects share. Although it is uncertain whether the reason for this mechanism is for effective communication or purely cognitive, the discovery of similarities between superficially dissimilar events leads to activation of the limbic system to create a rewarding process.[8]

Support for this view is highlighted by the symptoms of Capgras delusion, where sufferers experience reduced facial recognition due to impairments in the connections from the inferotemporal cortex to the amygdala, which is responsible for emotions. The result is that a person no longer experiences the warm fuzzy feeling when presented with a familiar face. A person's 'glow' is lost through what is suggested as due to the lack of limbic activation.

Symmetry

The aesthetic appeal of symmetry is easily understandable. Biologically it is important during the detection of a predator, location of prey, and the choosing of a mate as all of these tend to display symmetry in nature. It complements other principles relating to the discovering of information rich objects. Additionally, evolutionary biologists suggest that the predisposition towards symmetry is because biologically, asymmetry is associated with infection and disease,[8] which can lead to poor mate selection. However, departures from symmetry in visual art are also widely considered beautiful, suggesting that while symmetry may explain the judgment that a particular individual's face is beautiful, it cannot explain the judgment that a work of art is beautiful.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8246362/#R14>

The findings indicate that the content and aesthetic qualities of artwork are also important considerations. Although mixed, the studies generally indicated that nature, especially greenery, may be the most stress-reducing. This is consistent with research demonstrating that nature artwork is most preferred by adults³⁴ and children.¹⁰ There are two main theories as to why viewing nature is beneficial for humans. The evolutionary theory proposes that because humans evolved in a natural environment, nature is processed more efficiently and we are predisposed to experience restoration.³⁵ On the other hand, the attention restoration theory posits that nature can counteract the mental fatigue caused by stress and therefore reduce cognitive strain.³⁶ Thus, these two theories point to nature artwork as having the greatest stress reducing effects, as demonstrated in this review. In contrast, abstract artworks can be seen as challenging, ambiguous and unclear for viewers, leading to increased stress.³⁰ ³⁷ This is supported by the emotional congruence theory which posits that stressed people are likely to project their negative experiences and emotions onto ambiguous environmental surroundings, including artworks.⁵ Other artwork content could be provocative and emotionally inappropriate for certain situations, eliciting anger and dislike. For example, a study by Ho et al³³ found that certain provocative artworks elicited feelings of loneliness and hopelessness in viewers, suggesting artwork must be chosen carefully, with particular emphasis on the provision of nature artworks.

Spartan Background

Spartan

1 of 2

noun

Spar-tan ⓘspär-t ⓘn

1

: a native or inhabitant of ancient Sparta

2

: **a person of great courage and self-discipline**

Spartanism

ⓘspär-t ⓘn- ⓘi- z ⓘm

noun

Spartan

2 of 2

adjective

1

: of or relating to Sparta in ancient Greece

2

a

often not capitalized : marked by strict self-discipline or self-denial

a Spartan athlete

b

often not capitalized : **marked by simplicity**, frugality, or avoidance of luxury and comfort

a Spartan room

c

: LACONIC

d

: **undaunted by pain or danger**

Spartanly adverb

<https://www.thoughtco.com/what-is-a-spartan-121090>

Definition:

Spartan refers to a citizen of the ancient Greek polis of Sparta, sometimes called Lacedaemonia, but is also an adjective referring to the city, its people, and people who behave in a manner thought to be similar to that of the early Spartans.

Specifically, when the word spartan is used it may mean that someone is cheap/frugal, lives without luxury, speaks laconically (another descriptive word based on ancient Spartan geography), or **behaves with immense bravery** as in the Spartan hoplites **who faced impossible odds** against the Persians at the Battle of Thermopylae.

<https://www.vocabulary.com/dictionary/spartan>

In ancient Greece, there were two great city states: Athens and Sparta. Athens had the artists, the good food, the great parties. Sparta had the warriors — the guys who went to bed early and drilled all day. They lived in bare rooms and didn't get sick days or time off. A spartan life is a life of discipline and self-denial. Some people like it like that. Go figure.

<https://www.history.com/topics/ancient-greece/sparta>

Sparta was a warrior society in ancient Greece that reached the height of its power after defeating rival city-state Athens in the Peloponnesian War (431-404 B.C.). Spartan culture **was centered on loyalty** to the state and military service. Spartan boys entered a rigorous state-sponsored education, military training and socialization program. Known as the Agoge, **the system emphasized duty, discipline and endurance**. Although Spartan women were not active in the military, they were educated and enjoyed more status and freedom than other Greek women.

Spartan Armor, Shield and Helmet

No one soldier was considered superior to another. Going into battle, a Spartan soldier, or hoplite, wore a large bronze helmet, breastplate and ankle guards, and carried a round shield made of bronze and wood, a long spear and sword. Spartan warriors were also known for their long hair and red cloaks.

The Spartans' constant military drilling and discipline made them skilled at the ancient Greek style of fighting in a phalanx formation. In the phalanx, the army **worked as a unit in a close, deep formation, and made coordinated mass maneuvers**.

females engaged in athletic competitions, including javelin-throwing and wrestling, and also sang and danced competitively.

<https://en.wikipedia.org/wiki/Sparta>

Modern Sparta is the capital of the southern Greek region of Laconia and a center for processing citrus and olives.

Sparta was unique in ancient Greece for its social system and constitution, which were supposedly introduced by the semi-mythical legislator Lycurgus. His laws configured the Spartan society to maximize military proficiency at all costs, focusing all social institutions on military training and physical development.

Sparta had a double effect on Greek thought: through the reality, and through the myth.... The reality enabled the Spartans to defeat Athens in war; **the myth influenced Plato's political theory**, and that of countless subsequent writers.... [The] ideals that it favors had a great part in framing the doctrines of Rousseau, Nietzsche, and National Socialism.[5]

Tyrtaeus, an archaic era Spartan writer, is the earliest source to connect the origin myth of the Spartans to the lineage of the hero Heracles; later authors, such as Diodorus Siculus, Herodotus, and Apollodorus, also made mention of Spartans understanding themselves to be **descendants of Heracles**.[24][25][2]

During the Corinthian War, Sparta faced a coalition of the leading Greek states: Thebes, Athens, Corinth, and Argos.

The alarming decline of Spartan citizens was commented on by Aristotle.

Modern Sparta was re-founded in 1834, by a decree of King Otto of Greece.

Sparta was an oligarchy. The state was ruled by two hereditary kings of the Agiad and Eurypontid families,[75] both supposedly descendants of Heracles and equal in authority, so that one could not act against the power and political enactments of his colleague.[28]

he boys were fed "just the right amount for them never to become sluggish through being too full, while also giving them a taste of what it is not to have enough." [125], survival

Agisilaus II – king

Agis I – king

Agis II – king

Chilon – philosopher

Chionis (7th century BC) – athlete

Clearchus of Sparta – mercenary in the army of the Ten Thousand.

Cleomenes I – king

Cleomenes III – king and reformer

Cynisca (4th century BC) – princess and athlete

Gorgo – queen and politician

Helen – princess in the Trojan War

Leonidas I (c. 520–480 BC) – king, commander at the Battle of Thermopylae

Lycurgus (10th century BC) – lawgiver

Lysander (5th–4th century BC) – general

Menelaus – king during the Trojan War

Nabis – king

Xanthippus of Carthage – Spartan mercenary in the First Punic War

— Homer, The Odyssey

“My every impulse bends to what is right”

“Of the many things hidden from the knowledge of man, nothing is more unintelligible than the human heart.”

Urge him with truth to frame his fair replies; And sure he will; for wisdom never lies”

“If something rude of any kind was said, let the winds take it.”

Sing to me of the man, Muse, the man of twists and turns, driven time and again off course, once he had plundered the hallowed heights of Troy.”

“As the sail bellied out with the wind, the ship flew through the deep blue water, and the foam hissed against her bows as she sped onward.”

“Translation is the art of listening. In one ear is the sound of the original text, and in the other is a rhythm, wordless, waiting to find its voice.

“i always stand near you and take care of you, in all your hardships.”

There is a time for many words, and there is also a time for rest.

- Plato: “The worst of all deceptions is self-deception.”

- Aristotle: “We are what we repeatedly do. Excellence, then, is not an act, but a habit.”

“You will never do anything in this world without courage. It is the greatest quality of the mind next to honor.”

Heraclitus:

-“Character is destiny.”

“There is nothing permanent except change.”

“Big results require big ambitions.”

Socrates Quotes:

“The way to gain a good reputation is to endeavor to be what you desire to appear.”

“An unexamined life is not worth living.”

“What you leave behind is not what is engraved in stone monuments, but what is woven into the lives of others.”-

-Pericles

4. “Quality is not an act, it is a habit.”--Aristotle
Know how to listen and you will profit even from those who talk badly.”--Plutarch

7. “No man ever steps in the same river twice, for it’s not the same river and he’s not the same man.” – Heraclitus

11. “Happiness resides not in possessions, and not in gold, happiness dwells in the soul.” – Democritus

Difficulties are things that show a person what they are.” – Epictetus

“Throw moderation to the winds, and the greatest pleasures bring the greatest pains.” – Democritus

21. “It’s not what happens to you, but how you react to it that matters.” – Epictetus

The mind is not a vessel to be filled but a fire to be kindled.” – Plutarch

25. “The most difficult thing in life is to know yourself.” – Thales

30. “We must free ourselves of the hope that the sea will ever rest. We must learn to sail in high winds.” – Aristotle Onassis

37. “Everything existing in the universe is the fruit of chance and necessity.” – Democritus

Wait for the wisest of all counselors to judge you . . . time.” –Pericles

To find yourself, think for yourself.” – Socrates

49. “The energy of the mind is the essence of life.” – Aristotle

45. “Skillful pilots gain their reputation from storms and tempest.” – Epicurus

46. “Small opportunities are often the beginning of great enterprises.” –Demosthenes

A fool is known by his speech; and a wise man by silence.” – Pythagoras

“Wealth consists not in having great possessions, but in having few wants.” – Epictetus

Success is dependent on effort.” – Sophocles

101. “There is only one way to happiness and that is to cease worrying about things which are beyond the power of our will.” – Epictetus

Wisdom begins in wonder.” – Socrates

Fractals: Forests

In research funded by the National Science Foundation, Brian Enquist of the department of ecology and evolutionary biology at the University of Arizona and his team have discovered a secret in the trees: Hidden among and within the architecture of the branches are fundamental rules that link the size, shape, age and in fact everything about a single tree to all the trees in a forest.

“Everyone knows more or less what a tree looks like, or what a root system looks like,” said Enquist. “And it turns out that those architectures, even though they look very diverse and different, are being generated by very simple and common rules across all plants. These rules basically govern how plants branch, when they branch and the sizes and shapes of those branches, and the structure and functioning of forests across the globe.”

Understanding these rules has allowed Enquist and his team to make accurate predictions about how plants and even whole forests work, in particular how they flux carbon dioxide. “If you know something about the branching network, you can make predictions about the whole plant’s functioning. Then you can extend that to understand the ecology of the entire forest.”

“The rule is basically ‘grow so much and then branch, and then grow so much and then branch,’” said Enquist. “The rule governs what the dimensions of the branches have to be. That is, ‘grow until your branch is such and so much length, or so much in width.’ Repeating this rule as a plant grows results in a tremendously complicated but beautiful form such as a tree, but it ultimately can stem down to a very efficient code.”

In a forest, where resources such as sunlight and water are limited, trees compete with each other to get as much of what they need to live and grow as possible. The result is a fractal-like filling of the forest space, with a few large trees taking up most of the resources and many small trees filling in the cracks. The ratio of big trees to little trees in a forest turns out to be the same as the ratio of big branches to little branches on a single tree from that forest.

<https://phys.org/news/2011-02-forest-trees.amp>



Leonardo Da Vinci was the first to accurately describe trees' branching rules. He created sketches of trees in a page of his notebook based on the rule that daughter branches and twigs have the same combined cross-sectional area a

**Town of Stoneham
Stoneham High School**

Project Budget and Cost Summary



November 17, 2023

Description	BUDGET			COST				CASH FLOW	
	PFA Approved Budget	Authorized Changes	Approved Budget	Committed Costs	Uncommitted Costs	Forecast Costs	Total Project Costs	Expenditures to Date	Balance To Spend
20 Construction									
Pre-Construction Services	\$258,528	\$29,250	\$287,778	\$287,778	\$0	\$0	\$287,778	\$287,778	\$0
Construction	\$153,418,660	\$22,565,227	\$175,983,887	\$175,983,887	\$0	\$0	\$175,983,887	\$48,616,126	\$127,367,761
CMR Contingency (5.%)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Change Orders		\$1,312,449	\$1,312,449	\$1,312,449	\$0	\$1,142,707	\$2,455,156	\$1,060,231	\$1,394,925
Subtotal	\$153,677,188	\$23,906,926	\$177,584,114	\$177,584,114	\$0	\$1,142,707	\$178,726,821	\$49,964,135	\$128,762,686
30 Architectural & Engineering									
Designer - Feasibility	\$175,000	\$0	\$175,000	\$175,000	\$0	\$0	\$175,000	\$175,000	\$0
Schematic Design	\$245,000	\$0	\$245,000	\$245,000	\$0	\$0	\$245,000	\$245,000	\$0
Design Development	\$3,233,800	\$0	\$3,233,800	\$3,233,800	\$0	\$0	\$3,233,800	\$3,233,800	\$0
Construction Documents	\$4,921,000	\$184,588	\$5,105,588	\$5,105,588	\$0	\$0	\$5,105,588	\$5,105,588	\$0
Bidding / Negotiations	\$1,124,800	\$0	\$1,124,800	\$1,124,800	\$0	\$0	\$1,124,800	\$1,123,675	\$1,125
Closeout	\$423,600	\$0	\$423,600	\$423,600	\$0	\$0	\$423,600	\$0	\$423,600
Construction Administration	\$3,936,800	\$0	\$3,936,800	\$3,936,800	\$0	\$0	\$3,936,800	\$1,353,275	\$2,583,525
Geotech/GeoEnvironmental Consultant	\$657,170	\$0	\$657,170	\$591,343	\$65,827	\$0	\$657,170	\$470,662	\$186,508
Site Survey	\$44,000	\$0	\$44,000	\$44,000	\$0	\$0	\$44,000	\$44,000	\$0
Wetlands	\$20,000	\$0	\$20,000	\$13,640	\$6,360	\$0	\$20,000	\$0	\$20,000
Hazardous Materials	\$269,830	\$0	\$269,830	\$48,950	\$220,880	\$0	\$269,830	\$30,877	\$238,953
Feasibility Environmental and Site	\$160,000	\$14,193	\$174,193	\$174,193	\$0	\$0	\$174,193	\$149,219	\$24,974
Other Feasibility Costs	\$65,000	-\$39,193	\$25,807	\$19,051	\$6,756	\$0	\$25,807	\$19,051	\$6,756
Traffic Studies	\$209,000	\$7,700	\$216,700	\$216,700	\$0	\$0	\$216,700	\$112,964	\$103,736
Other Reimbursable Costs	\$320,000	\$194,300	\$514,300	\$346,596	\$167,704	\$0	\$514,300	\$66,823	\$447,477
Printing (Over the Minimum)	\$40,000	\$0	\$40,000	\$0	\$40,000	\$0	\$40,000	\$0	\$40,000
Testing & Inspections	\$60,000	-\$4,250	\$55,750	\$0	\$55,750	\$0	\$55,750	\$0	\$55,750
Subtotal	\$15,905,000	\$357,338	\$16,262,338	\$15,699,061	\$563,277	\$0	\$16,262,338	\$12,129,935	\$4,132,403

**Town of Stoneham
Stoneham High School**

Project Budget and Cost Summary



November 17, 2023

Description	BUDGET			COST				CASH FLOW	
	PFA Approved Budget	Authorized Changes	Approved Budget	Committed Costs	Uncommitted Costs	Forecast Costs	Total Project Costs	Expenditures to Date	Balance To Spend
40 Administrative Costs									
OPM Feasibility Study	\$105,000	\$0	\$105,000	\$105,000	\$0	\$0	\$105,000	\$105,000	\$0
OPM Design Development	\$380,000	\$0	\$380,000	\$380,000	\$0	\$0	\$380,000	\$380,000	\$0
OPM Construction Contract Documents	\$640,000	\$0	\$640,000	\$640,000	\$0	\$0	\$640,000	\$640,000	\$0
OPM Bidding	\$180,000	\$0	\$180,000	\$180,000	\$0	\$0	\$180,000	\$180,000	\$0
OPM Construction Contract Administration	\$3,185,100	\$0	\$3,185,100	\$3,185,100	\$0	\$0	\$3,185,100	\$1,094,500	\$2,090,600
OPM Closeout	\$220,000	\$0	\$220,000	\$220,000	\$0	\$0	\$220,000	\$0	\$220,000
OPM Testing and Inspections	\$560,000	\$0	\$560,000	\$302,500	\$257,500	\$0	\$560,000	\$164,036	\$395,964
OPM Supplemental Services	\$140,000	\$0	\$140,000	\$23,819	\$116,181	\$0	\$140,000	\$23,819	\$116,181
OPM Reimbursable & Other Services	\$80,000	\$0	\$80,000	\$14,569	\$65,431	\$0	\$80,000	\$14,569	\$65,431
Advertising	\$20,000	\$0	\$20,000	\$3,829	\$16,171	\$0	\$20,000	\$3,829	\$16,171
Other Administrative Costs	\$260,000	\$0	\$260,000	\$10,220	\$249,780	\$0	\$260,000	\$692	\$259,308
Utility Fees	\$200,000	\$75,000	\$275,000	\$251,658	\$23,342	\$0	\$275,000	\$251,658	\$23,342
Legal	\$120,000	\$0	\$120,000	\$6,660	\$113,340	\$0	\$120,000	\$6,660	\$113,340
Permitting	\$120,000	\$0	\$120,000	\$28,059	\$91,942	\$0	\$120,000	\$28,059	\$91,942
Owner's Insurance (OCIP)	\$200,000	-\$75,000	\$125,000	\$0	\$125,000	\$0	\$125,000	\$0	\$125,000
Other Project Costs (Moving, etc.)	\$360,000	\$0	\$360,000	\$0	\$360,000	\$0	\$360,000	\$0	\$360,000
Subtotal	\$6,770,100	\$0	\$6,770,100	\$5,351,415	\$1,418,685	\$0	\$6,770,100	\$2,892,822	\$3,877,278
50 Furniture, Fixtures and Equipment									
Furniture, Fixtures and Equipment	\$1,251,000	\$1,675,000	\$2,926,000	\$1,251,000	\$1,675,000	\$0	\$2,926,000	\$0	\$2,926,000
Technology/Computer Equipment	\$1,251,000	\$250,000	\$1,501,000	\$1,251,000	\$250,000	\$0	\$1,501,000	\$0	\$1,501,000
Subtotal	\$2,502,000	\$1,925,000	\$4,427,000	\$2,502,000	\$1,925,000	\$0	\$4,427,000	\$0	\$4,427,000
Project Sub-Total	\$178,854,288	\$26,189,264	\$205,043,552	\$201,136,590	\$3,906,962	\$1,142,707	\$206,186,259	\$64,986,892	\$141,199,368
70 Project Contingency									
Construction Contingency (Hard Cost) (5%)	\$7,670,933	-\$1,312,448	\$6,358,485						\$5,215,778
Owner's Contingency (Soft Cost) (2%)	\$3,068,373	-\$386,588	\$2,681,785						\$2,681,785
Subtotal	\$10,739,306	-\$1,699,036	\$9,040,270						\$7,897,563
Project Total	\$189,593,594	\$24,490,228	\$214,083,822	\$201,136,590	\$12,947,232	\$0	\$214,083,822	\$64,986,892	\$149,096,931

Warrant No. 48

Project: Stoneham High School, Stoneham, Massachusetts
 Prepared by: Julie Leduc and Sarah Traniello

Project No.: 20033
 Date: 11/20/2023

School Building Committee for the Stoneham High School hereby authorizes to draw against funds for the obligations incurred for value received in services and for materials shown below:

<u>Vendor</u>	<u>Invoice No.</u>		<u>Invoice Date</u>	<u>Invoice Amount</u>	<u>ProPay Code</u>	<u>Balance After Invoice</u>
Sustainable Energy Advantage	6183		9/30/2023	\$ 802.50	0203-9900	\$ 8,289.07
Perkins & Will	0204577		11/16/2023	\$ 123,025.00	0201-0700	\$ 2,706,550.00
Perkins & Will	0204577	AM26	11/16/2023	\$ 33,000.00	0203-9900	\$ 5,775.00
Perkins & Will	0204577	AM27	11/16/2023	\$ 14,300.00	0204-0200	\$ 0.00
Perkins & Will	0204577	AM28	11/16/2023	\$ 52,500.00	0203-9900	\$ 122,500.00
SMMA	60226		11/02/2023	\$ 99,500.00	0102-0700	\$ 2,090,600.24
Consigli Construction Co.	16		10/30/2023	\$ 7,486,459.87	See SOV	\$120,146,270.92
RETAINAGE						
	CM Fee		0502-0010	\$ 114,373.35	0502-0010	\$ 6,019.65
	Bonds and Insurance		0502-0020	\$ 982,270.38	0502-0020	\$ 51,698.44
	CM Staffing		0502-0100	\$ 275,000.30	0502-0100	\$ 14,473.70
	General Requirements		0502-0100	\$ 254,848.90	0502-0100	\$ 13,413.10
	Concrete		0502-0300	\$ 74,421.48	0502-0300	\$ 3,916.92
	Masonry		0502-0400	\$ 369,621.25	0502-0400	\$ 19,453.75
	Metals		0502-0500	\$ 130,554.70	0502-0500	\$ 6,871.30
	Thermal & Moisture Protection		0502-0700	\$ 1,142,339.86	0502-0700	\$ 60,123.15
	Doors & Windows		0502-0800	\$ 149,589.55	0502-0800	\$ 7,873.13
	Finishes		0502-0900	\$ 1,048,464.65	0502-0900	\$ 55,182.35
	Equipment		0502-1100	\$ 1,260.46	0502-1100	\$ 66.34
	Fire Suppression		0502-2100	\$ 37,620.00	0502-2100	\$ 1,980.00
	Plumbing		0502-2200	\$ 672,075.60	0502-2200	\$ 35,372.40
	HVAC		0502-2300	\$ 963,883.30	0502-2300	\$ 50,730.70
	Electrical		0502-2600	\$ 1,177,502.69	0502-2600	\$ 61,973.83
	Earthwork		0502-3100	\$ 53,865.00	0502-3100	\$ 2,835.00
	Change Order No. 14		0508-014	\$ 18,651.91	0508-014	\$ 981.68
	Change Order No. 18		0508-018	\$ 7,959.12	0508-018	\$ 418.90
	Change Order No. 20		0508-020	\$ 12,157.38	0508-020	\$ 639.86
			Total	\$ 7,809,587.37		

 Marie Christie

 David Bois

 Nicole Nial

 Raymie Parker

 Kevin Yianacopolus

 Douglas Gove

 Stephen O'Neill

 Josephine Thomson

 Jeanne Craigie

 Lisa Gallagher

 Sharon Iovanni

 Cory Mashburn

 Paul Ryder

 David Pignone

Sustainable Energy Advantage, LLC
 161 Worcester Rd Ste 503
 Framingham, MA 01701
 508-665-5857
 kcraddock@seadvantage.com
 www.seadvantage.com

Invoice



BILL TO

Town of Stoneham
 April Lanni
 35 Central Street
 Stoneham, MA 02180

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
6231	10/31/2023	\$802.50	11/30/2023	30 Days	

SEA CLIENT JOB CODE
 259.2.1

CUSTOMER CONTRACT ID
 SOW#2 04.25.22

DESCRIPTION	QTY	RATE	AMOUNT
Stoneham High School Solar Ongoing PPA Support			0.00
Task 1: Project Host and Offtaker Consultant			0.00
Tom Michelman, Sr. Director, hours for October 2023 per attached timesheet.	2.50	321.00	802.50

Thank you for your business!

BALANCE DUE

\$802.50



Time Entries by Project

Time Entry Date: From Sunday, October 1, 2023 to Tuesday, October 31, 2023

Approval Status	Date	Hours Worked	Description
Project: Stoneham, 259.2.1, Stoneham HS PPA Support			
Client: Stoneham, Town of			
Description:			
Employee: Michelman, Tom			
Task: Task 1: Project Host and Offtaker Consultant			
Approved	10/1/2023	0.33	Provide comments / mark-up to Nexamp's pricing spreadsheet and explanation provided by Ariel
Approved	10/10/2023	0.50	Review contract documents. Looked up net metering rules to confirm that 30 year contract is feasible and sensible.
Approved	10/11/2023	0.92	Biweekly call and research proposed Eversource EV rates
Approved	10/17/2023	0.17	weigh in on PPA pricing from Nexamp
Approved	10/23/2023	0.58	Bi-weekly call
	Task Total	2.50	
	Employee Total	2.50	
	Project Total	2.50	
	Grand Total	2.50	

Perkins&Will

Invoice

November 16, 2023

Project No: 153010.000

Invoice No: 0204577

Dennis Sheehan
Town of Stoneham
Town Hall
35 Central St
Stoneham, MA 02180

Stoneham High School - FS-Closeout

Professional Services: through October 27, 2023

Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Feasibility Phase	175,000.00	100.00	175,000.00	175,000.00	0.00
Schematic Design	245,000.00	100.00	245,000.00	245,000.00	0.00
Amendment #1	0.00	0.00	0.00	0.00	0.00
Survey/Wetlands-Nitsch	27,500.00	100.00	27,500.00	27,500.00	0.00
Phase 1 ESA	2,970.00	0.00	0.00	0.00	0.00
Geotechnical Services-Lahlaf	16,417.50	100.00	16,417.50	16,417.50	0.00
Hazardous Materials-UEC	4,950.00	100.00	4,950.00	4,950.00	0.00
Amendment #2	0.00	0.00	0.00	0.00	0.00
Traffic Analysis-Nelson Nygaard	18,150.00	0.00	0.00	0.00	0.00
Amendment #3	0.00	0.00	0.00	0.00	0.00
Hydrant Flow Testing-AE	1,760.00	100.00	1,760.00	1,760.00	0.00
Amendment #4	0.00	0.00	0.00	0.00	0.00
Traffic Analysis-Nelson Nygaard	-18,150.00	0.00	0.00	0.00	0.00
Amendment #5	0.00	0.00	0.00	0.00	0.00
Traffic Analysis-Nelson Nygaard	4,166.14	100.00	4,166.14	4,166.14	0.00
Amendment #6	0.00	0.00	0.00	0.00	0.00
Traffic Analysis - Vanasse	13,970.00	70.6693	9,872.50	9,872.50	0.00
Amendment #7	0.00	0.00	0.00	0.00	0.00
Geotechnical - Lahlaf	23,699.50	100.00	23,699.50	23,699.50	0.00

REMIT PAYMENTS TO Perkins&Will, Inc.
PO Box 71181
Chicago, IL 60694-1181

WIRE/ACH TO BMO Harris Bank
ABA# 071000288, Acct# 3769601
SWIFT HATRUS44

TERMS Net 30 Days

Project	153010.000	Stoneham High School:FS-Closeout				Invoice	0204577
Amendment #8	0.00	0.00	0.00	0.00	0.00	0.00	
Geothermal - McPhail	55,000.00	67.4423	37,093.28	37,093.28	0.00	0.00	
Amendment #9	0.00	0.00	0.00	0.00	0.00	0.00	
Survey - Nitsch	23,760.00	100.00	23,760.00	23,760.00	0.00	0.00	
Amendment #10	0.00	0.00	0.00	0.00	0.00	0.00	
Walk Through	3,800.00	100.00	3,800.00	3,800.00	0.00	0.00	
Amendment #11	0.00	0.00	0.00	0.00	0.00	0.00	
Design Documents	3,233,800.00	100.00	3,233,800.00	3,233,800.00	0.00	0.00	
Construction Documents	4,921,000.00	100.00	4,921,000.00	4,921,000.00	0.00	0.00	
Bidding	1,124,800.00	100.00	1,124,800.00	1,124,800.00	0.00	0.00	
Construction Administration 3.125	3,936,800.00	37.50	1,476,300.00	1,353,275.00	123,025.00	0.00	
Completion	423,600.00	0.00	0.00	0.00	0.00	0.00	
Amendment #12	0.00	0.00	0.00	0.00	0.00	0.00	
Hazardous Materials - UEC	34,650.00	89.1111	30,877.00	30,877.00	0.00	0.00	
Amendment #13	0.00	0.00	0.00	0.00	0.00	0.00	
Geotechnical - LGLI	55,429.00	100.00	55,429.00	55,429.00	0.00	0.00	
Amendment #14	0.00	0.00	0.00	0.00	0.00	0.00	
Geo-environmental - FS Engineers	13,640.00	100.00	13,640.00	13,640.00	0.00	0.00	
Amendment #15	0.00	0.00	0.00	0.00	0.00	0.00	
Soil Testing - FS Engineers	85,690.00	87.2914	74,800.00	74,800.00	0.00	0.00	
Amendment #16	0.00	0.00	0.00	0.00	0.00	0.00	
Test Well - McPhail	122,650.00	99.958	122,598.46	122,598.46	0.00	0.00	
Amendment #17	0.00	0.00	0.00	0.00	0.00	0.00	
Survey Work - Nitsch	44,000.00	100.00	44,000.00	44,000.00	0.00	0.00	
Amendment #18	0.00	0.00	0.00	0.00	0.00	0.00	
Traffic Work - Vanasse	216,700.00	52.1292	112,963.93	112,963.93	0.00	0.00	
Amendment #19	0.00	0.00	0.00	0.00	0.00	0.00	
Topographic Survey - Nitsch	8,800.00	100.00	8,800.00	8,800.00	0.00	0.00	
Amendment #21	0.00	0.00	0.00	0.00	0.00	0.00	
Geotech-Lahlaf	168,074.00	68.1979	114,623.00	114,623.00	0.00	0.00	
Amendment #22	0.00	0.00	0.00	0.00	0.00	0.00	
Geothermal-McPhail E2	154,000.00	52.4493	80,771.90	80,771.90	0.00	0.00	
Amendment #23	0.00	0.00	0.00	0.00	0.00	0.00	
Soil Samples - FS Engineers	5,500.00	100.00	5,500.00	5,500.00	0.00	0.00	
Amendment #24	0.00	0.00	0.00	0.00	0.00	0.00	
Additional CD approvals	184,588.00	100.00	184,588.00	184,588.00	0.00	0.00	
Amendment #25	0.00	0.00	0.00	0.00	0.00	0.00	
Amphitheater	45,000.00	15.00	6,750.00	6,750.00	0.00	0.00	
Amendment #26	0.00	0.00	0.00	0.00	0.00	0.00	

REMIT PAYMENTS TO Perkins&Will, Inc.
 PO Box 71181
 Chicago, IL 60694-1181

WIRE/ACH TO BMO Harris Bank
 ABA# 071000288, Acct# 3769601
 SWIFT HATRUS44

TERMS Net 30 Days



130 WEST BROADWAY, BOSTON MA 02127
 T 617.464.1440 F 617.464.1442
www.warnerlarson.com

Perkins & Will

225 Franklin Street, Suite 1100
 Boston, MA 02110
 Brooke S. Trivas, Principal

INVOICE

No. 22007.01-1
 08/15/2023

Stoneham High School - Additional Services
22007.01
 Contract
 For Services Rendered Through 7/31/2023
 Per proposal dated 10/20/22
 Waiting on amendment approval 05.01.23

Professional Services

	<u>Contract Amount</u>	<u>Previously Billed</u>	<u>% Complete</u>	<u>Invoice Amount</u>
Spartan Stadium	\$9,500.00	\$.00	100.00	\$9,500.00
Northwest Field	\$8,100.00	\$.00	100.00	\$8,100.00
Electronic Gate	\$2,500.00	\$.00	100.00	\$2,500.00
Regrading	\$26,500.00	\$.00	90.00	\$23,850.00
Total Professional Services	\$46,600.00	\$.00		\$43,950.00

Outside Services

	<u>Invoice</u>	<u>Unit Rate</u>	<u>Qty</u>	<u>Markup</u>	<u>Amount</u>
Irrigation Consulting, Inc.	1022-45 Stoneham Add	1,250.00	1.00	1.00	\$1,250.00
Total Outside Services					\$1,250.00

Invoice Amount **\$45,200.00**

Prior Billing Information

<u>Invoice</u>	<u>0 - 30</u>	<u>31 - 60</u>	<u>61-90</u>	<u>Over 90</u>	<u>Balance</u>
Total Prior Billing					

Amendment 27



2 Center Plaza, Suite 430
 Boston, MA 02108-1928
 T: 617-338-0063
 F: 617-338-6472
 www.nitscheng.com

Brooke Trivas
 Perkins & Will
 225 Franklin Street, Suite 1100
 Boston, MA 02110

September 8, 2023
 Project No: 14166.
 Invoice No: 83016

Project 14166. Stoneham High School Civil Engineering Services
Professional Services from July 30, 2023 to August 26, 2023

Task	010	Northwest Fields Grading Revisions - AS	
Fee			
Total Fee		12,000.00	
Percent Complete	100.00	Total Earned	12,000.00
		Previous Fee Billing	9,000.00
		Current Fee Billing	3,000.00
		Total Fee	3,000.00
		Total this Task	\$3,000.00
		Total this Invoice	\$3,000.00

Outstanding Invoices

Number	Date	Balance
81932	6/12/2023	3,000.00
82341	7/10/2023	6,000.00
82727	8/11/2023	3,000.00
Total		12,000.00

Billings to Date

	Current	Prior	Total	Received	A/R Balance
Fee	3,000.00	274,850.00	277,850.00		
Totals	3,000.00	274,850.00	277,850.00	262,850.00	15,000.00

Amendment 27



2 Center Plaza, Suite 430
 Boston, MA 02108-1928
 T: 617-338-0063
 F: 617-338-6472
 www.nitscheng.com

Brooke Trivas
 Perkins & Will
 225 Franklin Street, Suite 1100
 Boston, MA 02110

July 10, 2023
 Project No: 14166.
 Invoice No: 82341

Project 14166. Stoneham High School Civil Engineering Services
Professional Services from May 28, 2023 to June 30, 2023

Task	010	Northwest Fields Grading Revisions - AS		
Fee				
Total Fee		12,000.00		
Percent Complete		50.00	Total Earned	6,000.00
			Previous Fee Billing	0.00
			Current Fee Billing	6,000.00
			Total Fee	6,000.00
			Total this Task	\$6,000.00
			Total this Invoice	\$6,000.00

Outstanding Invoices

Number	Date	Balance
81424	5/11/2023	2,750.00
81932	6/12/2023	3,000.00
Total		5,750.00

Billings to Date

	Current	Prior	Total	Received	A/R Balance
Fee	6,000.00	265,850.00	271,850.00		
Totals	6,000.00	265,850.00	271,850.00	260,100.00	11,750.00



Rowan Williams Davies & Irwin Inc.
600 Southgate Drive
Guelph, ON N1G 4P6
CAN

Invoice

Invoice Number ARIV1008921
Date September 29, 2023
Customer PO
Service Period Service ending Sep 29, 2023
GST/HST Registration 104641154 RT0001
QST Registration Number 1214336061 TQ0001

attn: Stephen Messinger <Stephen.Messinger@perkinswill.com>

Project No. 153010.000

Bill To:
Perkins + Will
225 Franklin Street
Suite 1100
Boston, MA 02110
USA

Phase	Contract Value	% Progress	Earned	Previous Billing	Current Billing
2400476: Stoneham High School					
2400476.01: Regulatory Modeling for MassDEP	13,000.00	90.00%	11,700.00	-	11,700.00
Total	13,000.00		11,700.00		11,700.00

Subtotal 11,700.00

Grand Total 11,700.00

Currency USD

Payment Remittance Information
Payment Terms: Net 30 Days, 1.5% interest per month on overdue amounts.
Please reference invoice number(s) on electronic payments and send payment remittance to accounting@rwdi.com

Please Mail Cheques To:
Rowan Williams Davies & Irwin Inc.
600 Southgate Drive
Guelph, ON N1G 4P6
CAN

Electronic Payments To:
TD Bank (TD Canada Trust)
350 Eramosa Rd
Guelph, ON N1E 2M9
CAN

Account Name Rowan Williams Davies & Irwin
Routing Number 000424962
Account 03487362758
SWIFT Code TDOMCATTOR

Amendment 28



Rowan Williams Davies & Irwin Inc.
600 Southgate Drive
Guelph, ON N1G 4P6
CAN

Invoice

Invoice Number	ARIV1009017
Date	October 20, 2023
Customer PO	
Service Period	Service ending Oct 20, 2023
GST/HST Registration	104641154 RT0001
QST Registration Number	1214336061 TQ0001

Bill To:
Perkins + Will
225 Franklin Street
Suite 1100
Boston, MA 02110
USA

AP, BOS <BOS.AP@perkinswill.com>
attn: Stephen Messinger <Stephen.Messinger@perkinswill.com>

Project No. 153010.000

Phase	Contract Value	% Progress	Earned	Previous Billing	Current Billing
2400476: Stoneham High School					
2400476.01: Regulatory Modeling for MassDEP	13,000.00	100.00%	13,000.00	11,700.00	1,300.00
Total	13,000.00		13,000.00	11,700.00	1,300.00

Subtotal 1,300.00

Grand Total 1,300.00

Currency USD

Payment Remittance Information

Payment Terms: Net 30 Days, 1.5% interest per month on overdue amounts.

Please reference invoice number(s) on electronic payments and send payment remittance to accounting@rwdi.com

Please Mail Cheques To:

Rowan Williams Davies & Irwin Inc.
600 Southgate Drive
Guelph, ON N1G 4P6
CAN

Electronic Payments To:

TD Bank (TD Canada Trust)
350 Eramosa Rd
Guelph, ON N1E 2M9
CAN

Account Name	Rowan Williams Davies & Irwin
Routing Number	000424962
Account	03487362758
SWIFT Code	TDOMCATTOR



Mr. Dennis Sheehan
 Town Administrator
 Town of Stoneham
 35 Central St
 Stoneham, MA 02180

November 9, 2023
 Project No: 20033.00
 Invoice No: 0060226

Project 20033.00 Stoneham High School OPM Services
Professional Services from September 30, 2023 to October 27, 2023

Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Feasibility Study	56,000.00	100.00	56,000.00	56,000.00	0.00
Schematic Design	49,000.00	100.00	49,000.00	49,000.00	0.00
Design Development	380,000.00	100.00	380,000.00	380,000.00	0.00
Construction Documents	640,000.00	100.00	640,000.00	640,000.00	0.00
Bidding	180,000.00	100.00	180,000.00	180,000.00	0.00
Construction Administration	3,185,100.00	37.487	1,193,999.76	1,094,499.76	99,500.00
Closeout	220,000.00	0.00	0.00	0.00	0.00
Total Fee	4,710,100.00		2,498,999.76	2,399,499.76	99,500.00
Total Fee					99,500.00
Total this Invoice					\$99,500.00

Outstanding Invoices

Number	Date	Balance
0060048	10/12/2023	141,499.65
Total		141,499.65

Billings to Date

	Current	Prior	Total
Fee	99,500.00	2,399,499.76	2,498,999.76
Consultant	0.00	175,035.57	175,035.57
Expense	0.00	31,995.12	31,995.12
Totals	99,500.00	2,606,530.45	2,706,030.45

Authorized By: Julie Leduc

A DIVISION	B DESCRIPTION OF WORK	C MSBA CODE	D SCHEDULED VALUE	E WORK COMPLETED		F PREVIOUS APPLICATION	G COMPLETED AND STORED TO DATE (D+E+F)	H % (G/C)	I BALANCE TO FINISH (C-G)	Retainage Held This Period	RETAINAGE	Retainage Billed
				THIS APPLICATION								
				WORK IN PLACE	STORED MATERIAL							
01	CM Fee	0502-0010	2,730,000.00	803,166.00	120,393.00	-	923,559.00	34%	1,806,441.00	6,019.65	46,177.95	
02	Bonds and Insurances	0502-0020	4,239,694.00	1,131,611.00	1,033,968.82	-	2,165,579.82	51%	2,074,114.18	51,698.44	108,278.99	
03	Total GMP Construction Contingency	0502-0030	4,152,138.55	-	-	-	-	0%	4,152,138.55	-	-	
03	Subtotal Allowances	0502-0030	1,885,537.00	8,248.65	-	-	8,248.65	0%	1,877,288.35	-	412.43	
01A	CM Staffing	0502-0100	4,185,190.00	3,103,441.00	289,474.00	-	3,392,915.00	81%	792,275.00	14,473.70	169,645.75	
01A	General Requirements	0502-0100	6,514,112.73	2,320,366.44	268,262.00	-	2,588,628.44	40%	3,925,484.29	13,413.10	129,431.42	
02	Existing Conditions	0502-0200	5,300,000.00	-	-	-	-	0%	5,300,000.00	-	-	
03	Concrete Subtotal	0502-0300	6,843,308.00	4,359,541.19	78,338.40	-	4,437,879.59	65%	2,405,428.41	3,916.92	221,893.98	
04	Masonry	0502-0400	5,164,000.00	274,400.00	389,075.00	-	663,475.00	13%	4,500,525.00	19,453.75	33,173.75	
05	Metals Subtotal	0502-0500	15,293,458.00	11,604,184.52	-	137,426.00	11,741,610.52	77%	3,551,847.48	6,871.30	587,080.53	
06	Wood, Plastic, and Composites	0502-0600	1,440,503.00	-	-	-	-	0%	1,440,503.00	-	-	
07	Thermal & Moisture Protection Subtotal	0502-0700	7,045,333.00	1,188,175.24	1,202,463.01	-	2,390,638.25	34%	4,654,694.75	60,123.15	119,531.91	
08	Doors & Windows Subtotal	0502-0800	6,660,295.00	212,916.25	157,462.68	-	370,378.93	6%	6,289,916.07	7,873.13	18,518.95	
09	Finishes Subtotal	0502-0900	15,741,559.00	2,027,848.91	1,103,647.00	-	3,131,495.91	20%	12,610,063.09	55,182.35	156,574.80	
10	Specialties Subtotal	0502-1000	1,652,962.00	21,794.20	-	-	21,794.20	1%	1,631,167.80	-	1,089.71	
11	Equipment Subtotal	0502-1100	2,767,930.00	1,538.49	-	1,326.80	2,865.29	0%	2,765,064.71	66.34	143.26	
12	Furnishings Subtotal	0502-1200	3,873,767.00	-	-	-	-	0%	3,873,767.00	-	-	
13	Special Construction	0502-1300	-	-	-	-	-	#DIV/0!	-	-	-	
14	Elevator Sub	0502-1400	815,339.00	123,332.50	-	-	123,332.50	15%	692,006.50	-	6,166.63	
21	Fire Suppression	0502-2100	1,709,200.00	73,880.00	39,600.00	-	113,480.00	7%	1,595,720.00	1,980.00	5,674.00	
22	Plumbing	0502-2200	6,580,000.00	1,955,410.00	707,448.00	-	2,662,858.00	40%	3,917,142.00	35,372.40	133,142.90	
23	HVAC	0502-2300	15,937,330.00	3,742,663.00	751,514.00	263,100.00	4,757,277.00	30%	11,180,053.00	50,730.70	237,863.85	
25	Integrated Automation	0502-2500	3,607,918.00	3,102,518.00	-	-	3,102,518.00	86%	505,400.00	-	155,125.90	
26	Electrical	0502-2600	18,537,020.00	2,901,633.45	782,476.52	457,000.00	4,141,109.97	22%	14,395,910.03	61,973.83	207,055.50	
27	Communications	0502-2700	341,935.00	-	-	-	-	0%	341,935.00	-	-	
28	Electronic Safety and Security	0502-2800	1,143,206.00	497,655.00	-	-	497,655.00	44%	645,551.00	-	24,882.75	
31	Earthwork Subtotal	0502-3100	31,150,637.00	11,528,919.43	56,700.00	-	11,585,619.43	37%	19,565,017.57	2,835.00	408,789.55	\$170,491.92
32	Exterior Improvements Subtotal	0502-3200	-	-	-	-	-	-	-	-	-	
33	Utilities Subtotal	0502-3300	-	-	-	-	-	-	-	-	-	
-	TOTAL BASE GMP CONTRACT AMOUNT		175,983,887.00	50,983,243.27	6,980,822.43	858,852.80	58,822,918.50	33%	117,160,968.50	391,983.76	2,770,654.51	
	CO-01	0508-001	-	-	-	-	-	100%	-	-	-	
	CO-02	0508-002	445,479.68	445,479.68	-	-	445,479.68	100%	-	-	22,273.98	
	CO-03	0508-003	87,729.18	87,729.18	-	-	87,729.18	100%	-	-	4,386.46	
	CO-04	0508-004	48,631.95	44,270.41	-	-	44,270.41	91%	4,361.54	-	2,213.52	
	CO-05	0508-005	58,132.50	58,132.50	-	-	58,132.50	100%	-	-	2,906.63	
	CO-06	0508-006	29,061.26	24,751.27	-	-	24,751.27	85%	4,309.99	-	1,237.56	
	CO-07	0508-007	26,201.30	21,505.52	-	-	21,505.52	82%	4,695.78	-	1,075.28	
	CO-08	0508-008	-	-	-	-	-	-	-	-	-	
	CO-09	0508-009	29,067.25	24,763.38	-	-	24,763.38	85%	4,303.87	-	1,238.17	
	CO-010	0508-010	5,629.56	1,596.00	-	-	1,596.00	28%	4,033.56	-	79.80	
	CO-011	0508-011	-	-	-	-	-	-	-	-	-	
	CO-012	0508-012	(197,221.38)	23,377.09	-	-	23,377.09	-12%	(220,598.47)	-	1,168.85	
	CO-013	0508-013	-	-	-	-	-	-	-	-	-	
	CO-014	0508-014	464,996.99	265,591.00	19,633.59	-	285,224.59	61%	179,772.40	981.69	14,261.23	
	CO-015	0508-015	-	-	-	-	-	-	-	-	-	
	CO-016	0508-016	16,072.91	-	-	-	-	0%	16,072.91	-	-	
	CO-017	0508-017	-	-	-	-	-	-	-	-	-	
	CO-018	0508-018	(80,762.91)	-	8,378.02	-	8,378.02	-10%	(89,140.93)	418.90	418.90	
	CO-019	0508-019	-	-	-	-	-	-	-	-	-	
	CO-020	0508-020	155,357.15	117,575.08	12,797.24	-	130,372.32	84%	24,984.83	639.86	6,518.62	
	CO-021	0508-021	224,073.43	-	-	-	-	-	-	-	-	
-	TOTAL CHANGE ORDER AMOUNT	0508-0000	1,312,448.87	1,114,771.11	40,808.85	-	1,155,579.96	84%	156,868.91	2,040.45	57,779.00	
	TOTAL CONTRACT AMOUNT		177,296,335.87	52,098,014.38	7,021,631.28	858,852.80	59,978,498.46	33.83%	117,317,837.41	394,024.21	2,828,433.51	

TO OWNER: Town of Stoneham
ATTN: Symmes Maini & McKee
1000 Massachusetts Avenue
Cambridge, MA 02138

PROJECT: Stoneham High School

Invoice 16
Draw
Application date: 11/01/2023
Period ending date: 10/31/2023

DISTRIBUTE TO:
 OWNER
 ARCHITECT
 CONTRACTOR

FROM CONTRACTOR: Consigli Construction Co., Inc.
72 Sumner Street
Milford, MA 01757

VIA ARCHITECT: Perkins + Will
225 Franklin Street
Boston, MA 02110

PROJECT NO: 2515

CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown above, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1 ORIGINAL CONTRACT SUM	\$175,983,887.00
2. NET CHANGE BY CHANGE ORDERS	\$1,312,448.87
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$177,296,335.87
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$59,978,498.46
5. RETAINAGE:	
a. 4.72 % of Completed Work	\$ 2,787,932.20
(Column D + E on G703)	\$ 40,501.31
b. 4.72 % of Stored Material	
(Column F on G703)	
Total Retainage (Lines 5a+5b or Total in Column I on G703)	\$2,828,433.51
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$57,150,064.95
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 From Prior CERTIFICATE)	\$49,663,605.08
8. CURRENT PAYMENT DUE (Line 6 Less Line 7)	\$7,486,459.87
9. BALANCE TO FINISH INCLUDING RETAINAGE (Line 3 Less Line 6)	\$120,146,270.92

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	1,088,375.44	
Total approved this Month	224,073.43	
TOTALS	1,312,448.87	
NET CHANGES by Change Order	1,312,448.87	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Consigli Construction Co., Inc.

By: [Signature] Date: 11/16/23

State of: MA County of: Worcester

On this the 16 day of November, 2023 before me,

proved to me through satisfactory evidence of identity, which was/were Personal Knowledge
 Linda A. Whitermore
 to be the person(s) whose name(s) was/were signed on the preceding Certificate for Payment in my presence, and who swore or affirmed to me that the information contained therein is truthful and accurate to the best of his/her knowledge and belief.
 Notary Public: [Signature]
 My Commission expires: 12/2/2027

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED:\$ 7,486,459.87

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: [Signature] Date: 2023.11.17

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

Project: **2515-01 / Stoneham High School**

Invoice **16**
 Draw
 Application date: **11/01/2023**
 Period ending date: **10/31/2023**

In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on contracts where variable retainage for items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	C SCHEDULED VALUE	D WORK COMPLETED		E MATERIALS PRESENTLY STORED (NOT IN D / E)	G TOTAL COMPLETED AND STORED TO DATE (D + E + F)		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD		%	(G / C)		
1-000	Stoneham High School	1-000										
1-001	General Conditions	1-001	4,203,362.00	-18,172.00	4,185,190.00	3,103,441.00	289,474.00		3,392,915.00	81.07	792,275.00	169,645.75
1-002	General Requirements	1-002	2,308,180.00	503,849.26	2,812,029.26	595,884.17	59,655.00		655,539.17	23.31	2,156,490.09	32,776.97
1-099	Riggs General Requirements	1-099	3,189,202.00	322,702.47	3,511,904.47	1,356,913.27	208,607.00		1,565,520.27	44.58	1,946,384.20	78,276.02
1-220	Temporary Fence	1-220	258,369.00	276,500.00	534,869.00	367,569.00			367,569.00	68.72	167,300.00	18,378.45
1-910	Consigli Payment & Perf Bond	1-910	943,675.00		943,675.00	943,675.00			943,675.00	100.00		47,183.75
1-920	Builder's Risk Insurance	1-920	267,405.00		267,405.00	187,936.00			187,936.00	70.28	79,469.00	9,396.80
1-930	General Liability	1-930	1,871,881.00		1,871,881.00		639,060.17		639,060.17	34.14	1,232,820.83	31,953.01
1-940	Subcontractor Default Insuranc	1-940	1,156,733.00		1,156,733.00		394,908.65		394,908.65	34.14	761,824.35	19,745.43
2-001	Selective Demolition Sub	2-001	4,813,000.00	344,000.00	5,157,000.00						5,157,000.00	
2-012	Vinyl Asbestos Tile (VAT)	2-012	487,000.00	-487,000.00								
2-014	AddedAbatement Testing - Hold	2-014		10,000.00	10,000.00						10,000.00	
2-401	General Site Excavation Sub	2-401	21,886,458.00	-741,180.57	21,145,277.43	9,494,019.43	56,700.00		9,550,719.43	45.17	11,594,558.00	307,044.46
2-402	Crane Pads	2-402		10,000.00	10,000.00						10,000.00	
2-403	Dewatering Test/Treat/Discharg	2-403		25,000.00	25,000.00						25,000.00	
2-404	Verify Ext Utility	2-404		15,000.00	15,000.00						15,000.00	
2-405	Utility Tie in Trailer	2-405		7,500.00	7,500.00						7,500.00	
2-406	Video Inspect Sewer	2-406		10,000.00	10,000.00						10,000.00	
2-407	Asphalt Paving	2-407		15,340.81	15,340.81						15,340.81	
2-408	Traffic Control / Signage	2-408		10,000.00	10,000.00						10,000.00	
2-409	Fire Watch - Blasting	2-409										
2-410	Temp Access to Lot	2-410										
2-411	Refeed Elect to Irrigation	2-411		7,500.00	7,500.00						7,500.00	
2-412	Rework Ext Irrigation	2-412		274.22	274.22						274.22	
2-414	Phase 2 Fence & Gates - Hold	2-414										
2-415	Ext Owner Salvage Items - Hold	2-415		10,000.00	10,000.00						10,000.00	
2-416	Steel Plate Prot at DBs - Hold	2-416		5,000.00	5,000.00						5,000.00	
2-417	Binder Course Maint - Hold	2-417		15,000.00	15,000.00						15,000.00	
2-418	Vibration Monitoring - Hold	2-418		40,000.00	40,000.00						40,000.00	
2-419	Main Erosion Control - Hold	2-419		15,000.00	15,000.00						15,000.00	
2-420	Dewater Testing-Treat - Hold	2-420		5,000.00	5,000.00						5,000.00	
2-422	Neighborhood Concerns - Hold	2-422		20,000.00	20,000.00						20,000.00	
2-423	Video Inspections - Hold	2-423		5,000.00	5,000.00						5,000.00	
2-424	Street Sweeping - Hold	2-424		39,000.00	39,000.00						39,000.00	
2-425	Furnish (2) El/Tele Manholes -	2-425		24,000.00	24,000.00						24,000.00	
2-426	Utility Verification - Hold	2-426		10,000.00	10,000.00						10,000.00	
2-790	Geothermal Wells	2-790	2,270,760.00	-162,860.00	2,107,900.00	2,034,900.00			2,034,900.00	96.54	73,000.00	101,745.02
2-792	HOLD - Additional Dewatering	2-792		100,000.00	100,000.00						100,000.00	

CONTINUATION SHEET

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

Project: **2515-01 / Stoneham High School**

Invoice **16**
 Draw
 Application date: **11/01/2023**
 Period ending date: **10/31/2023**

In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on contracts where variable retainage for items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	C SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (NOT IN D / E)	G		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G / C)		
2-816	MAROIS - Asphalt Paving at Tra	2-816		18,172.00	18,172.00						18,172.00	
2-890	Synthetic Athletic Surfacing	2-890	2,269,200.00		2,269,200.00						2,269,200.00	
2-920	Fencing	2-920	981,960.00		981,960.00						981,960.00	
2-970	Landscaping Subcontractor	2-970	4,161,955.00	-397,755.00	3,764,200.00						3,764,200.00	
2-971	Tree & Plant Protection - Hold	2-971		5,000.00	5,000.00						5,000.00	
2-972	Additional Layout - Hold	2-972		15,000.00	15,000.00						15,000.00	
2-973	Sleeve Mobilization - Hold	2-973		5,000.00	5,000.00						5,000.00	
2-974	Arborist Tree Pruning - Hold	2-974		5,000.00	5,000.00						5,000.00	
2-975	Watering Truck - Hold	2-975		15,000.00	15,000.00						15,000.00	
2-976	Out of Season Warranty - Hold	2-976		10,000.00	10,000.00						10,000.00	
2-977	Maintain Wetland Protection -	2-977		10,000.00	10,000.00						10,000.00	
2-978	Bottle Filling Station - Hold	2-978		16,000.00	16,000.00						16,000.00	
2-979	Temp. Landscape Work - Hold	2-979										
2-980	Turf Reinforcement - Hold	2-980		5,000.00	5,000.00						5,000.00	
2-981	Premium Time - Hold	2-981		15,000.00	15,000.00						15,000.00	
2-982	Arborist/Soil Scientist - Hold	2-982		5,000.00	5,000.00						5,000.00	
3-060	Concrete Walkways	3-060	1,963,300.00	-165,300.00	1,798,000.00						1,798,000.00	
3-061	Add'l Mobilizations - Hold	3-061		10,000.00	10,000.00						10,000.00	
3-062	Wash Out Dumpster - Hold	3-062		11,500.00	11,500.00						11,500.00	
3-063	Additional Layout - Hold	3-063		15,000.00	15,000.00						15,000.00	
3-064	Ext. Concrete Stairs - Hold	3-064		50,000.00	50,000.00						50,000.00	
3-109	Consigli - Foundation Insulati	3-109		22,878.70	22,878.70						22,878.70	
3-110	Concrete Subcontractor	3-110	4,936,800.00	-43,156.24	4,893,643.76	4,359,541.19	78,338.40		4,437,879.59	90.69	455,764.17	221,893.99
3-112	HOLD - Floor Prot at Polished	3-112		20,000.00	20,000.00						20,000.00	
3-113	HOLD - Foundation Insulation	3-113										
4-101	Masonry Trade Contractor	4-101	5,164,000.00		5,164,000.00	274,400.00	389,075.00		663,475.00	12.85	4,500,525.00	33,173.75
5-120	Structural Steel subcontractor	5-120	11,858,044.00	-238,273.85	11,619,770.15	11,310,952.27			11,310,952.27	97.34	308,817.88	565,547.62
5-121	Structural Steel - Stadium	5-121		270,000.00	270,000.00						270,000.00	
5-122	HOLD - Additional Safety	5-122		45,000.00	45,000.00						45,000.00	
5-123	Struc Steel BP2 Modifications	5-123	400,000.00	-265,996.12	134,003.88						134,003.88	
5-501	Miscellaneous Metals Sub	5-501	3,234,000.00	9,247.87	3,243,247.87	293,232.25		137,426.00	430,658.25	13.28	2,812,589.62	21,532.93
5-810	Expansion Joint Covers	5-810	26,458.00		26,458.00						26,458.00	
6-601	Finish Carpentry	6-601	1,440,503.00	-1,440,503.00								
7-101	Waterproofing Subcontractor -	7-101	53,453.00	81,178.00	134,631.00	72,754.20			72,754.20	54.04	61,876.80	3,637.71
7-102	WP & Sealants Trade Contractor	7-102	1,228,518.00		1,228,518.00	297,538.64	208,729.36		506,268.00	41.21	722,250.00	25,313.40
7-475	Metal Siding	7-475	723,000.00	105,957.00	828,957.00	4,400.00	6,600.00		11,000.00	1.33	817,957.00	550.00
7-501	Membrane Roofing Sub	7-501	3,396,000.00		3,396,000.00	623,295.50	879,835.70		1,503,131.20	44.26	1,892,868.80	75,156.57
7-810	Fireproofing	7-810	1,319,684.00	-169,684.00	1,150,000.00	190,186.90	107,297.95		297,484.85	25.87	852,515.15	14,874.25
7-811	Perimeter Fireproofing - Hold	7-811		20,000.00	20,000.00						20,000.00	

CONTINUATION SHEET

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

Project: **2515-01 / Stoneham High School**

Invoice **16**
 Draw
 Application date: **11/01/2023**
 Period ending date: **10/31/2023**

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on contracts where variable retainage for items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	C SCHEDULED VALUE	D WORK COMPLETED		E MATERIALS PRESENTLY STORED (NOT IN D / E)	G		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G / C)		
7-812	Fireproofing Patching - Hold	7-812		100,000.00	100,000.00						100,000.00	
7-813	FP Added Mobilizations - Hold	7-813		15,000.00	15,000.00						15,000.00	
7-840	Firestopping	7-840	243,500.00	-88,500.00	155,000.00						155,000.00	
7-841	Addl Perimeter Firesafing-Hold	7-841		10,000.00	10,000.00						10,000.00	
7-842	Add Pene. Firesafing - Hold	7-842		36,000.00	36,000.00						36,000.00	
7-843	Putty Pads - Hold	7-843		39,000.00	39,000.00						39,000.00	
8-001	Doors/Frame/Hardware Supplier	8-001	1,505,576.00	36,469.00	1,542,045.00	4,500.00	82,962.68		87,462.68	5.67	1,454,582.32	4,373.13
8-002	Temp Exterior Doors - Hold	8-002		25,000.00	25,000.00						25,000.00	
8-003	Temp Locks & Cores - Hold	8-003		5,000.00	5,000.00						5,000.00	
8-004	D/F/H Protection - Hold	8-004		7,500.00	7,500.00						7,500.00	
8-005	083483 - Floor Doors - Hold	8-005		5,000.00	5,000.00						5,000.00	
8-360	Overhead Doors	8-360	944,119.00	-194,119.00	750,000.00	112,500.00			112,500.00	15.00	637,500.00	5,625.00
8-361	Access Panels - Hold	8-361		10,000.00	10,000.00						10,000.00	
8-362	Low Voltage Wiring - Hold	8-362		25,000.00	25,000.00						25,000.00	
8-370	Accordian Fire Doors	8-370		120,411.00	120,411.00						120,411.00	
8-371	Vision Panels - Hold	8-371		5,000.00	5,000.00						5,000.00	
8-401	Alum Entrances/Storefront Sub	8-401	3,454,600.00	5,836.00	3,460,436.00	82,476.25	74,500.00		156,976.25	4.54	3,303,459.75	7,848.82
8-403	Sliding Entrances	8-403	20,000.00		20,000.00						20,000.00	
8-801	Glass & Glazing	8-801	736,000.00		736,000.00	13,440.00			13,440.00	1.83	722,560.00	672.00
9-220	Drywall Subcontractor	9-220	9,676,889.00	426,746.00	10,103,635.00	1,952,703.91	997,275.00		2,949,978.91	29.20	7,153,656.09	147,498.95
9-221	Trade Support	9-221	1,286,762.00		1,286,762.00		106,372.00		106,372.00	8.27	1,180,390.00	5,318.60
9-225	Hold - Added Blocking Unident	9-225		50,000.00	50,000.00						50,000.00	
9-226	Hold - Spray Insulation	9-226		4,165.00	4,165.00						4,165.00	
9-227	Hold - Acous Seal at MEP Pens	9-227		100,000.00	100,000.00						100,000.00	
9-228	Hold - Misc Patching	9-228		30,000.00	30,000.00						30,000.00	
9-229	Hold -Layout Track Prior to FP	9-229		25,000.00	25,000.00						25,000.00	
9-301	Tile Subcontractor	9-301	810,999.00	137,700.00	948,699.00						948,699.00	
9-501	Acoustical Ceilings Sub	9-501	1,899,900.00		1,899,900.00	57,645.00			57,645.00	3.03	1,842,255.00	2,882.25
9-608	Polished Concrete Flooring	9-608	175,175.00	-47,082.00	128,093.00						128,093.00	
9-609	Floor Protection - Hold	9-609		12,825.00	12,825.00						12,825.00	
9-640	Wood Flooring	9-640	602,258.00	-142,854.00	459,404.00						459,404.00	
9-642	Protect Gym Floor - Hold	9-642		15,716.00	15,716.00						15,716.00	
9-643	Protect Performance Flr - Hold	9-643		3,543.00	3,543.00						3,543.00	
9-650	Resilient Flooring Sub	9-650	985,975.00		985,975.00						985,975.00	
9-670	Seamless Flooring & Base	9-670	363,240.00	-131,950.00	231,290.00						231,290.00	
9-671	Floor Protection - Hold	9-671		9,975.00	9,975.00						9,975.00	
9-680	Carpet Subcontractor	9-680	338,123.00	2,276.00	340,399.00						340,399.00	
9-681	Floor Protection - Hold	9-681		23,674.00	23,674.00						23,674.00	
9-682	Additional Floor Prep - Hold	9-682		50,000.00	50,000.00						50,000.00	

CONTINUATION SHEET

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

Project: **2515-01 / Stoneham High School**

Invoice **16**
 Draw
 Application date: **11/01/2023**
 Period ending date: **10/31/2023**

In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on contracts where variable retainage for items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	C SCHEDULED VALUE	D WORK COMPLETED		E MATERIALS PRESENTLY STORED (NOT IN D / E)	G TOTAL COMPLETED AND STORED TO DATE (D + E + F)		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD		%	(G / C)		
9-901	Painting Subcontractor	9-901	889,000.00		889,000.00	17,500.00			17,500.00	1.97	871,500.00	875.00
10-201	Louver Supply	10-201		23,500.00	23,500.00						23,500.00	
10-202	Louver Install	10-202		20,800.00	20,800.00						20,800.00	
10-401	Signage	10-401	105,012.00	-657.00	104,355.00						104,355.00	
10-605	Wire Mesh Partitions	10-605	81,130.00		81,130.00						81,130.00	
10-650	Operable Partitions	10-650	51,000.00	17,000.00	68,000.00	1,000.00			1,000.00	1.47	67,000.00	50.00
10-949	NEIS Specialties	10-949		127,930.00	127,930.00						127,930.00	
10-950	Miscellaneous Specialties	10-950	1,415,820.00	-222,520.00	1,193,300.00	20,794.20			20,794.20	1.74	1,172,505.80	1,039.71
10-951	Additional Blocking - Hold	10-951		10,000.00	10,000.00						10,000.00	
11-060	Theater Equipment	11-060	767,418.00		213,205.90						980,623.90	
11-061	Theater Low Volt Wiring - Hold	11-061		10,000.00	10,000.00						10,000.00	
11-062	Additional Scaffolding - Hold	11-062										
11-401	Food Service Equipment	11-401	1,377,274.00	-186,271.00	1,191,003.00	1,538.49		1,326.80	2,865.29	0.24	1,188,137.71	143.26
11-402	FSE Connections - Hold	11-402		35,000.00	35,000.00						35,000.00	
11-403	FSE MEP Coordination - Hold	11-403		25,000.00	25,000.00						25,000.00	
11-404	FSE Kitchen Protection - Hold	11-404		25,000.00	25,000.00						25,000.00	
11-405	FSE- Low Voltage Wiring - Hold	11-405		25,000.00	25,000.00						25,000.00	
11-450	Residential Appliances	11-450	104,922.00	-37,879.00	67,043.00						67,043.00	
11-451	Res. Appliances - DEC	11-451		9,298.00	9,298.00						9,298.00	
11-452	Res. Appliance Install - Riggs	11-452		28,874.00	28,874.00						28,874.00	
11-453	Res. Appliance Esc. - Hold	11-453		6,800.00	6,800.00						6,800.00	
11-480	Gymnasium Equipment	11-480	518,316.00	189,963.00	708,279.00						708,279.00	
11-481	Add'l Layout - Gym Ep. - Hold	11-481		20,000.00	20,000.00						20,000.00	
11-482	Floor Protection - Hold	11-482		5,000.00	5,000.00						5,000.00	
11-483	Supplemental Steel - Hold	11-483		5,000.00	5,000.00						5,000.00	
11-484	Floor Protection - Hold	11-484		10,000.00	10,000.00						10,000.00	
11-485	Additional Blocking - Hold	11-485		7,500.00	7,500.00						7,500.00	
12-320	Wood Casework	12-320	1,626,800.00	765,700.00	2,392,500.00						2,392,500.00	
12-321	Additional Blocking - Hold	12-321		35,000.00	35,000.00						35,000.00	
12-322	Countertop Protection - Hold	12-322		15,000.00	15,000.00						15,000.00	
12-323	Humidity Control - Hold	12-323		35,000.00	35,000.00						35,000.00	
12-324	Premium Time - Hold	12-324		50,000.00	50,000.00						50,000.00	
12-325	Incubator-Autoclave Hold	12-325		40,000.00	40,000.00						40,000.00	
12-490	Window Treatments	12-490	161,500.00	-3,500.00	158,000.00						158,000.00	
12-491	WT Final Connections - Hold	12-491		3,500.00	3,500.00						3,500.00	
12-610	Auditorium Seating	12-610	328,008.00	-399,416.00	-71,408.00						-71,408.00	
12-615	Exterior Field Bleachers	12-615	1,335,700.00	35,500.00	1,371,200.00						1,371,200.00	
12-620	Telescoping Indoor Bleachers	12-620	421,759.00		421,759.00						421,759.00	
14-210	Electric Elevator	14-210	385,339.00	9,225.00	394,564.00	113,332.50			113,332.50	28.72	281,231.50	5,666.63

CONTINUATION SHEET

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

Project: **2515-01 / Stoneham High School**

Invoice **16**
 Draw
 Application date: **11/01/2023**
 Period ending date: **10/31/2023**

In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on contracts where variable retainage for items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	C SCHEDULED VALUE	D WORK COMPLETED		E MATERIALS PRESENTLY STORED (NOT IN D / E)	G TOTAL COMPLETED AND STORED TO DATE (D + E + F)		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD		F %	G / C		
14-211	HOLD - Elev Operator for Const	14-211		7,564.00	7,564.00						7,564.00	
14-212	Delta Becjwith Elev & Lifts	14-212			430,000.00	10,000.00			10,000.00	2.33	420,000.00	500.00
15-301	Fire Protection Subcontractor	15-301			1,709,200.00	73,880.00	39,600.00		113,480.00	6.64	1,595,720.00	5,674.00
15-401	Plumbing Subcontractor	15-401		6,550.81	6,586,550.81	1,955,410.00	707,448.00		2,662,858.00	40.43	3,923,692.81	133,142.90
15-501	HVAC Subcontractor	15-501		3,239.75	15,216,239.75	3,742,663.00	751,514.00	263,100.00	4,757,277.00	31.26	10,458,962.75	237,863.85
15-502	HVAC Unincorporated Scope	15-502			724,330.00						724,330.00	
15-901	Heat Recovery Chiller	15-901			505,400.00						505,400.00	
15-902	HRU and MAU	15-902			3,102,518.00	3,102,518.00			3,102,518.00	100.00		155,125.90
16-001	Electrical Subcontractor	16-001		-323,654.39	397,319.61	1,213,350.45			1,213,350.45	305.38	-816,030.84	60,667.53
16-101	Wayne Griffin Elec (TS)	16-101			17,804,700.00	1,688,283.00	782,476.52	457,000.00	2,927,759.52	16.44	14,876,940.48	146,387.98
16-102	Elec Unincorporated Scope	16-102			341,935.00						341,935.00	
16-901	Switchgear	16-901		167,528.00	671,582.00	474,633.00			474,633.00	70.67	196,949.00	23,731.65
16-902	Emergency Generator	16-902			639,152.00	23,022.00			23,022.00	3.60	616,130.00	1,151.10
19-001	Contingency #1	19-001		-453,660.76	3,543,964.24						3,543,964.24	
19-002	Contingency #2	19-002		362,388.10	362,388.10						362,388.10	
24-001	ALL #1 - Temp Electricity Cons	24-001		150,000.00	-149,999.58	0.42	5,431.25		5,431.25	393,154.00	-5,430.83	271.56
24-002	ALL #2 - Winter Conditions	24-002			300,000.00	-379,008.05					-79,008.05	
24-003	ALL #3 - Police Details	24-003			48,000.00	-15,380.00					32,620.00	
24-004	ALL #4 Dumpsters	24-004					2,817.40		2,817.40		-2,817.40	140.87
24-005	Ledge/Rock remove-Tennis Court	24-005										
24-006	Over Exc/Struc Fill-Foundation	24-006		97,737.00	97,737.00						97,737.00	
24-007	PreBlast Permit/Survey/Monitor	24-007		25,000.00	25,000.00						25,000.00	
24-008	Maintain Erosion Control	24-008		25,000.00	25,000.00						25,000.00	
24-009	Jersey Barrier at Parking Lot	24-009		20,000.00	20,000.00						20,000.00	
24-010	Remove UG Obstructions	24-010		-0.06	-0.06						-0.06	
24-011	Protect/Fill Elect Ductbank	24-011		15,000.00	15,000.00						15,000.00	
24-012	Fuel Costs Allowance	24-012		100,000.00	100,000.00						100,000.00	
24-013	Geothermal Dewatering Ponds	24-013		25,000.00	25,000.00						25,000.00	
24-014	ALLOWANCE - Winter Conditions	24-014		38,588.00	38,588.00						38,588.00	
24-015	ALLOWANCE - Addtl MEP/Housekee	24-015		15,000.00	15,000.00						15,000.00	
24-016	ALLOWANCE - Beam Penetrations	24-016		55,909.42	55,909.42						55,909.42	
24-017	ALLOWANCE - Touchup Thermal (A	24-017		2,300.00	2,300.00						2,300.00	
24-018	ALLOWANCE - Mock-Up	24-018										
24-019	All #4 Dumpsters	24-019		194,985.00	-194,985.00							
24-020	AA #5 - Waterproofing	24-020		75,000.00	-75,000.00							
24-021	All #6 - Water Consumption	24-021		40,000.00	-40,000.47	-0.47					-0.47	
24-022	ALLOWANCE-Temp Heat System	24-022		250,000.00		250,000.00					250,000.00	
24-023	ALLOWANCE-Temp Heat Fuel	24-023		90,000.00		90,000.00					90,000.00	
24-024	ALLOWANCE-Weather Protection	24-024		108,000.00		108,000.00					108,000.00	

CONTINUATION SHEET

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

Project: **2515-01 / Stoneham High School**

Invoice **16**
 Draw
 Application date: **11/01/2023**
 Period ending date: **10/31/2023**

In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on contracts where variable retainage for items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	C SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (NOT IN D / E)	G TOTAL COMPLETED AND STORED TO DATE (D + E + F)		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD		%	(G / C)		
24-025	ALLOWANCE-Precast Treads	24-025	100,000.00	-100,000.00								
24-026	ALLOWANCE-Enviro Graphics	24-026	200,000.00		200,000.00						200,000.00	
24-027	Steel Plate Exp. Joint - Allow	24-027		25,000.00	25,000.00						25,000.00	
24-029	Dehumidification - Allowance	24-029		50,000.00	50,000.00						50,000.00	
24-030	Flooring Grind Control Joints	24-030		20,000.00	20,000.00						20,000.00	
24-031	Resinous Floor Prep - Allow	24-031		5,250.00	5,250.00						5,250.00	
24-038	Allowance Usage - Snow Removal	24-038		33,029.78	33,029.78						33,029.78	
24-039	Util Tie-in at Trailers - All.	24-039		25,000.00	25,000.00						25,000.00	
24-040	Liquid Ashpalt Rate - Allowanc	24-040		40,000.00	40,000.00						40,000.00	
24-041	Fire Watch for Blasting - All	24-041		50,000.00	50,000.00						50,000.00	
24-043	Unforeseen Abatement - Allow.	24-043		50,000.00	50,000.00						50,000.00	
24-044	Site Conc. Mockup - Allowance	24-044		10,000.00	10,000.00						10,000.00	
24-045	Scoreboards - Allowance	24-045		270,000.00	270,000.00						270,000.00	
25-001	Contractor's Fee	25-001	2,730,000.00		2,730,000.00	803,166.00	120,393.00		923,559.00	33.83	1,806,441.00	46,177.94
	TOTAL		175,983,887.00	.00	175,983,887.00	50,983,243.27	6,980,822.43	858,852.80	58,822,918.50	33.43	117,160,968.50	2,770,654.51
CO-01												
CR-001	BP1 Addendum No. 2	CR-001										
	CO-01 TOTAL			.00	.00			.00				
CO-02												
CR-008	Finalized Ledge Removal Quanti	CR-008		445,479.68	445,479.68	445,479.68			445,479.68	100.00		22,273.98
	CO-02 TOTAL			445,479.68	445,479.68	445,479.68		.00	445,479.68	100.00		22,273.98
CO-03												
CR-007	ACM Sewer Pipe Abatement and R	CR-007		87,729.18	87,729.18	87,729.18			87,729.18	100.00		4,386.46
	CO-03 TOTAL			87,729.18	87,729.18	87,729.18		.00	87,729.18	100.00		4,386.46
CO-04												
CR-003	ASI-001 & 002 Stormwater Repor	CR-003										
CR-014	PR-004 Existing Water Line Dem	CR-014		38,275.32	38,275.32	38,275.32			38,275.32	100.00		1,913.77
CR-017	Added Residential Neighbor Pes	CR-017		4,361.54	4,361.54						4,361.54	
CR-018	PR-005 Boxwood Gate	CR-018		5,995.09	5,995.09	5,995.09			5,995.09	100.00		299.76
	CO-04 TOTAL			48,631.95	48,631.95	44,270.41		.00	44,270.41	91.03	4,361.54	2,213.53
CO-05												
CR-005	PR001 (RFI-002 & 003) Revision	CR-005		37,487.54	37,487.54	37,487.54			37,487.54	100.00		1,874.38
CR-016	ASI-005 Gridline & Workpoint C	CR-016										
CR-021	Boxwood Access Rd Water Line R	CR-021		20,644.96	20,644.96	20,644.96			20,644.96	100.00		1,032.25
CR-025	ASI-008 Building Geometry Plan	CR-025										
	CO-05 TOTAL			58,132.50	58,132.50	58,132.50		.00	58,132.50	100.00		2,906.63
CO-06												
CR-012	ASI-003 Framing Coordination a	CR-012										
CR-027	PR-006 South Foundation Wall	CR-027		5,275.99	5,275.99	966.00			966.00	18.31	4,309.99	48.30

CONTINUATION SHEET

AIA DOCUMENT G703

Detail Page 8 of 9 Pages

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

Project: **2515-01 / Stoneham High School**

Invoice **16**
 Draw
 Application date: **11/01/2023**
 Period ending date: **10/31/2023**

In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on contracts where variable retainage for items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	ORIGINAL BUDGET	APPROVED CHANGE ORDERS	APPROVED TRANSFERS	C SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (NOT IN D / E)	G TOTAL COMPLETED AND STORED TO DATE (D + E + F)		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
						FROM PREV. APPLICATION (D + E)	THIS PERIOD		% (G / C)			
CR-029	PR-010 Fire Alarm	CR-029										
CR-030	Coordination with BP#1 and BP#	CR-030	23,785.27		23,785.27	23,785.27			23,785.27	100.00		1,189.26
	CO-06 TOTAL		29,061.26	.00	29,061.26	24,751.27		.00	24,751.27	85.17	4,309.99	1,237.56
	<u>CO-07</u>											
CR-034	Added Rock Hammering within Bu	CR-034	14,573.49		14,573.49	14,573.49			14,573.49	100.00		728.67
CR-037	Existing School Foundation and	CR-037	3,480.56		3,480.56	3,480.56			3,480.56	100.00		174.03
CR-040	ASI-007 Beam Geometry & Locati	CR-040										
CR-041	PR-013 Revised HSS at EXT-1.1	CR-041	3,451.47		3,451.47	3,451.47			3,451.47	100.00		172.57
CR-044	PR-016 Canopy Deck Edge Clarif	CR-044										
CR-045	RFI-102 (PR-017) Conduit Mater	CR-045	4,695.78		4,695.78						4,695.78	
	CO-07 TOTAL		26,201.30	.00	26,201.30	21,505.52		.00	21,505.52	82.08	4,695.78	1,075.27
	<u>CO-09</u>											
CR-013	PR-002R1 Canopy Framing Revisi	CR-013	10,594.03		10,594.03	6,290.16			6,290.16	59.37	4,303.87	314.51
CR-024	ASI-006R1 Conformed Set Clarif	CR-024										
CR-069	RFI-105 T&M Water Line Relocat	CR-069	18,473.22		18,473.22	18,473.22			18,473.22	100.00		923.66
	CO-09 TOTAL		29,067.25	.00	29,067.25	24,763.38		.00	24,763.38	85.19	4,303.87	1,238.17
	<u>CO-10</u>											
CR-039	PR-012 Grease Trap Footing &	CR-039	5,629.56		5,629.56	1,596.00			1,596.00	28.35	4,033.56	79.80
	CO-10 TOTAL		5,629.56	.00	5,629.56	1,596.00		.00	1,596.00	28.35	4,033.56	79.80
	<u>CO-11</u>											
CR-080	Subcontractor Change Order Mar	CR-080										
	CO-11 TOTAL		.00	.00				.00				
	<u>CO-12</u>											
CR-053	PR-020 Structural and Concrete	CR-053	-4,412.52		-4,412.52						-4,412.52	
CR-064	PR-028 Drainage North of Main	CR-064	34,705.90		34,705.90	22,028.00			22,028.00	63.47	12,677.90	1,101.40
CR-071	PR-030 & PR-039 Electrical VE	CR-071	-233,010.00		-233,010.00						-233,010.00	
CR-072	PR-034 Spartan Place Concrete	CR-072	2,590.11		2,590.11						2,590.11	
CR-075	PR-035 - LULA Pit Changes	CR-075	1,556.04		1,556.04						1,556.04	
CR-086	Landscape Boulder Sort-Stockpi	CR-086	1,349.09		1,349.09	1,349.09			1,349.09	100.00		67.45
	CO-12 TOTAL		-197,221.38	.00	-197,221.38	23,377.09		.00	23,377.09	11.85	-220,598.47	1,168.85
	<u>CO-14</u>											
CR-058	ASI-016 Elevator Sump Piping C	CR-058	10,076.05		10,076.05						10,076.05	
CR-063	PR-022 Structural Scope Reduct	CR-063	-2,361.30		-2,361.30						-2,361.30	
CR-068	PR-032 Thermal Coating & Struc	CR-068	-100,499.10		-100,499.10						-100,499.10	
CR-076	PR-038 Coating Revision - Aero	CR-076	-5,844.52		-5,844.52						-5,844.52	
CR-082	PR-031 Area D Relieving Angle	CR-082	7,049.15		7,049.15						7,049.15	
CR-089	PR-033 Scope Development	CR-089	329,086.56		329,086.56	250,516.22	19,633.59		270,149.81	82.09	58,936.75	13,507.49
CR-090	PR-049 Auditorium Concrete Ris	CR-090	-1,635.24		-1,635.24						-1,635.24	
CR-092	PR-023 Civil Drainage Update	CR-092	-3,487.00		-3,487.00						-3,487.00	

CONTINUATION SHEET

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

Project: **2515-01 / Stoneham High School**

Invoice **16**
 Draw
 Application date: **11/01/2023**
 Period ending date: **10/31/2023**

In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on contracts where variable retainage for items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	C ORIGINAL BUDGET	D APPROVED CHANGE ORDERS	E APPROVED TRANSFERS	F SCHEDULED VALUE	G WORK COMPLETED		H MATERIALS PRESENTLY STORED (NOT IN D / E)	I TOTAL COMPLETED AND STORED TO DATE (D + E + F)	J % (G / C)	K BALANCE TO FINISH (C - G)	L RETAINAGE (IF VARIABLE RATE)	
						FROM PREV. APPLICATION (D + E)	THIS PERIOD						
CR-093	PR-037 Electrical Site Plan Cl	CR-093	204,030.88		204,030.88	15,074.78			15,074.78	7.39	188,956.10	753.74	
CR-099	CCD-001 Fire Protection System	CR-099	28,581.51		28,581.51						28,581.51		
CO-014 TOTAL			464,996.99	.00	464,996.99	265,591.00	19,633.59	.00	285,224.59	61.34	179,772.40	14,261.23	
<u>CO-016</u>													
CR-104	PR-062 - Glass Type Revisions	CR-104	-3,703.00		-3,703.00						-3,703.00		
CR-107	Site Security Camera	CR-107	19,775.91		19,775.91						19,775.91		
CO-016 TOTAL			16,072.91	.00	16,072.91			.00			16,072.91		
<u>CO-018</u>													
CR-047	PR-014 Area D Facade Support R	CR-047	-35,202.24		-35,202.24						-35,202.24		
CR-078	PR-040R1 Foodservice Commercia	CR-078	-7,982.92		-7,982.92						-7,982.92		
CR-097	PR-052 AV RFIs 209 & 210	CR-097	5,847.49		5,847.49						5,847.49		
CR-098	PR-055 Fireproofing Revisions	CR-098	-36,507.00		-36,507.00						-36,507.00		
CR-112	Power Study & Panel Revisions	CR-112	9,078.51		9,078.51		8,378.02		8,378.02	92.28	700.49	418.90	
CR-114	PR-058 - Fan Coil Box Electric	CR-114	-996.75		-996.75						-996.75		
CR-131	Duct Credit	CR-131	-15,000.00		-15,000.00						-15,000.00		
CO-018 TOTAL			-80,762.91	.00	-80,762.91		8,378.02	.00	8,378.02	10.37	-89,140.93	418.90	
<u>CO-020</u>													
CR-087	PR-043 Pipe Size Clarification	CR-087	7,978.03		7,978.03		3,500.24		3,500.24	43.87	4,477.79	175.01	
CR-096	PR-042 Wall Revisions	CR-096	5,659.70		5,659.70						5,659.70		
CR-115	PR-061 - Catwalk Railing Remov	CR-115	-5,844.02		-5,844.02						-5,844.02		
CR-117	Separate Existing Urban Fill -	CR-117	111,079.92		111,079.92	111,079.92			111,079.92	100.00		5,554.00	
CR-122	RFI-221.1 BDA Rated Cable	CR-122	11,857.31		11,857.31						11,857.31		
CR-123	Deflection Requirement for Ext	CR-123	10,074.34		10,074.34		9,297.00		9,297.00	92.28	777.34	464.85	
CR-126	PR074 Video Prod. Duct Reroute	CR-126	5,979.38		5,979.38						5,979.38		
CR-129	CCD-003 Infiltration at Turf F	CR-129	6,495.16		6,495.16	6,495.16			6,495.16	100.00		324.76	
CR-138	PR-082 Hose Bibb in Area D Mec	CR-138	2,077.33		2,077.33						2,077.33		
CO-020 TOTAL			155,357.15	.00	155,357.15	117,575.08	12,797.24	.00	130,372.32	83.92	24,984.83	6,518.62	
<u>CO-021</u>													
CR-083	PR-036 Electrical RFI Implemen	CR-083	26,225.30		26,225.30						26,225.30		
CR-102	PR-054 - Fans & Dryer Vent Rev	CR-102	8,243.24		8,243.24						8,243.24		
CR-106	Structural Steel Detail Substi	CR-106	-19,765.00		-19,765.00						-19,765.00		
CR-108	PR-046 Security Window Trim -	CR-108	4,591.30		4,591.30						4,591.30		
CR-119	PR-063 Structural Scope Reduct	CR-119	-37,729.80		-37,729.80						-37,729.80		
CR-146	CCD-005 & PR-086 - Security GI	CR-146	238,101.90		238,101.90						238,101.90		
CR-153	PR-071 Auditorium Soffit Frami	CR-153	1,455.28		1,455.28						1,455.28		
CR-155	ASI-052 Door B113 Relocation -	CR-155	2,951.21		2,951.21						2,951.21		
CO-021 TOTAL			224,073.43	.00	224,073.43			.00			224,073.43		
GRAND TOTALS			175,983,887.00	1,312,448.87	.00	177,296,335.87	52,098,014.38	7,021,631.28	858,852.80	59,978,498.46	33.83	117,317,837.41	2,828,433.51

Users may obtain validation of this document by requesting a completed AIA Document D401 - Certification of Document's Authenticity from the Licensee

NEW STONEHAM HIGH SCHOOL, STONEHAM, MASSACHUSETTS
Change Order Budget Summary

Change Order No.	Change Order Amount	Owner's Contingency Budget	
		\$7,670,933.00	Original PFA Budget - August 18, 2021
		-\$450,000.00	60% Construction Documents Cost Estimate Reallocation
		-\$1,422,792.00	90% Construction Documents Cost Estimate Reallocation
		\$1,872,792.00	Amendment No. 5 - GMP
1	\$0.00		CR-001
2	\$445,479.68		CR-008
3	\$87,729.18		CR-007
4	\$48,631.95		CR-003; CR-014; CR-017; CR-018
5	\$58,132.50		CR-005; CR-016; CR-021; CR-025
6	\$29,061.26		CR-012; CR-027; CR-029; CR-030
7	\$26,201.30		CR-034; CR-037; CR-040; CR-041; CR-044; CR-045
8	\$0.00		NA
9	\$29,067.25		CR-013; CR-024; CR-069
10	\$5,629.56		CR-039
11	\$0.00		CR-080
12	-\$197,221.38		BT-017; CR-064; CR-071; CR-072; CR-075; CR-086
13	\$0.00		NA
14	\$464,996.99		CR-058; CR-063; CR-068; CR-076; CR-082; CR-089; CR-090; CR-092; CR-093; CR-099
15	\$0.00		NA
16	\$16,072.91		CR-104; CR-107
17	\$0.00		NA
18	-\$80,762.91		CR-047; CR-078; CR-097; CR-098; CR-112; CR-114; CR-131
19	\$0.00		NA
20	\$155,357.15		CR-087; CT-096; CR-115; CR-117; CR-122; CR-123; CR-126; CR-129; CR-138
21	\$224,073.43		CR-083; CR-102; CR-106; CR-108; CR-119; CR-146; CR-153; CR-155;
22	\$22,253.29		CR-070; CR-127; CR-132; CR-142; CR-149; CR-154; CR-160; CR-161; CR-172
23	\$0.00		NA
Change Order Total	\$1,334,702.16	Budget Total	Budget Balance
TOTAL	\$1,334,702.16	\$7,670,933.00	\$6,336,230.84

GMP Contingency Budget Summary

Change Order No.	Contingency Transfer Amount	GMP Contingency Budget	
		\$224,845.00	Amendment No. 1 - Early Site Package
		\$430,413.00	Amendment No. 2 - Concrete and Steel
		\$118,778.00	Amendment No. 3 - Equipment PrePurchase
		\$28,268.00	Amendment No. 4 - Storm System and PV Ductbank
		\$3,195,321.00	Amendment No. 5 - GMP
1	\$ -		NA
2	\$ -		NA
3	\$ 33,300.00		CT-008
4	\$ 6,762.33		CT-006; CT-011
5	\$ 3,450.12		CT-003
6	\$ -		NA
7	\$ 6,000.00		CT-015
8	\$ -		NA
9	\$ 30,687.97		CT-001; CT-004; CT-005; CT-013; CT-014
10	\$ -		NA
11	\$ -		NA
12	\$ 12,264.95		CT-018; CT-020
13	\$ -		NA
14	\$ 233,750.00		CT-023
15	\$ -		NA
16	\$ (66,222.00)		CT-024
17	\$ -		NA
18	\$ 12,069.82		CT-026; CT-027; CT-028; CT-029; CT-030; CT-033; CT-035; CT-037
19	\$ -		NA
20	\$ 27,167.00		CT-031; CT-034
21	\$ 28,606.37		CT-040; CT-041
22	\$ 303,064.22		CT-036; CT-047; CT-052; CT-054; CT-055; CT-058; CT-059
23	\$ -		NA
Contingency Transfer Total	\$630,900.78	GMP Contingency Total	Contingency Balance
TOTAL	\$630,900.78	\$3,997,625.00	\$3,366,724.22

NEW STONEHAM HIGH SCHOOL, STONEHAM, MASSACHUSETTS			
Allowance Budget Summary			
Change Order No.	Allowance Amount	Allowance Budget	
		\$990,000.00	Amendment No. 1 - Early Site Package
		\$275,000.00	Amendment No. 2 - Concrete and Steel
		\$0.00	Amendment No. 3 - Equipment PrePurchase
		\$0.00	Amendment No. 4 - Storm System and PV Ductbank
		\$2,545,800.00	Amendment No. 5 - GMP
1	\$ 4,000.00		AT-001
2	\$ 685,000.00		AT-004; AT-007
3	\$ -		NA
4	\$ 5,164.00		AT-002; AT-003
5	\$ -		NA
6	\$ -		NA
7	\$ 44,535.77		AT001B; AT-009; AT-010; AT-013; AT-013; AT-015
8	\$ 46,746.28		AT-012; AT-016; AT-018; AT-019
9	\$ 493,218.07		AT-008; AT-014; AT-017; AT-021; AT-024
10	\$ 103,279.94		AT-022; AT-028
11	\$ -		NA
12	\$ 112,570.85		AT-029; AT-031
13	\$ -		NA
14	\$ 72,329.86		AT-030; AT-032; AT-033
15	\$ -		NA
16	\$ -		NA
17	\$ -		NA
18	\$ 3,213.00		AT-035
19	\$ -		NA
20	\$ 6,202.00		AT-034
21	\$ 137,700.00		AT-038
22	\$ 201,943.30		AT-036
23	\$ -		NA
	Allowance Total	Allowance Budget	Allowance Balance
TOTAL	\$1,915,903.07	\$3,810,800.00	\$1,894,896.93

Change Order Summary

DATE: November 17, 2023
 TO: Stoneham Building Committee
 SUBJECT: **Change Order Summary – CO-022**

Detailed Description	Value*	Cost**
Allowance Transfers (AT's)		
AT-036 Exterior Scoreboards (PR-077) Reason This Allowance Transfer covers the cost of the installation of five (5) exterior scoreboards adjacent to sports fields on campus. This includes scoreboards, support structure, and excavation.	\$201,943.30	\$0
Budget Transfers (BT's)		
NONE		
Hold Transfers (HT's)		
HT-004 Oil Tank Replacement @21 Emerald Court This Hold Transfer is for the cost to remove and replace an oil tank at 21 Emerald Court. The overage is captured by Construction Contingency.	\$2,800.00	\$0
Contingency Transfers (CT's)		
CT-036 Premium Time (August 2023) This Contingency Transfer captures the costs associated with subcontractor Premium Time for August 2023.	\$21,094.85	\$0
CT-047 Metal Panel (Unprocured Scope) This Contingency Transfer as Unprocured Scope is to provide formed metal and composite metal panels with matching finishes per the design documents.	\$42,130.00	\$0
CT-052 Folding Grille @Serving (ASI-051) This Contingency Transfer buys out the scope of the folding grille at the Serving which was shown in the documents without an associated matching specification. The spec was provided in ASI-051.	\$52,150.00	\$0
CT-054 Aluminum Door Hardware - Unprocured Scope This Contingency Transfer is for Unprocured Scope to provide the Aluminum Door Hardware. This scope was excluded in the original buyout process but did not have a corresponding hold to capture it.	\$139,077.00	\$0
CT-055 Temporary Site Lighting This Contingency Transfer provides additionally requested temporary site lighting. This includes install of fence string lighting, an automatic timer, and all the electrical connections and wiring required for the temp lighting system.	\$8,563.37.00	\$0
CT-058 Extreme Paperless Drywall This Contingency Transfer provides paperless drywall at areas where interior drywall needs to be installed before the building is weathertight. This is a labor neutral cost.	\$13,591.00	\$0

Change Order Summary

CT-059 Expansion Joints This Contingency Transfer is for the Expansion Joints, transferring money from the Expansion Joint budget to the Metal Panel contract.	\$26,458.00	\$0
Reconciled Buyouts (RB's)		
NONE		
Change Requests (CR's)		
CR-070 Area D Scene Shop Door Details (PR-029) Reason Design This Change Request is from PR-029 which revised the details at the Scene Shop overhead coiling door, affecting the foundation wall, door head and jamb. In addition, a roof opening was eliminated in Area C per structural shop drawing coordination.	\$7,912.79	\$7,912.79
CR-127 AV Paging Speaker Clarifications (PR-079) Reason Design This Change Request formally documents the design team response to RFI-285 regarding additional equipment required for the Auditorium AV loudspeakers.	\$6,336.07	\$6,336.07
CR-132 Drainage North of Main Entry Credit (PR-028) Reason Design This Change Request captures existing field conditions different from the assumptions made by the sitework subcontractor when pricing for PR-028 (CRO64). As a result, the overall cost to perform this change work was reduced by an agreed amount.	-\$10,000.00	-\$10,000.00
CR-142 Arch Updates per Coordination (PR-081) Reason Design This Change Request makes architectural updates in response to several MEPFP coordination items. Wall stud sizes are increased to accommodate plumbing pipes and a soffit is added to resolve a duct-ceiling conflict.	\$5,770.69	\$5,770.69
CR-149 Exterior Framing Adjustments (ASI-046) Reason Design This Change Request is for the scope of work issued in ASI-046. These supplemental instructions provided clarification of details surrounding parapets at the roof above Stair C & D, Pre-K Entry, and the Area A mechanical well. The framing subcontractor associated costs to add light gauge metal framing (LGMF) kickers.	\$4,362.62	\$4,362.62
CR-154 Lighting & AV Screen Clarifications (PR-091) Reason Design This Change Request documents responses to RFI-337 and RFI-339, clarifying light fixture types and locations of AV screens.	\$1,527.06	\$1,527.06
CR-160 PV Conduit to Main MEP Room (PR-097) Reason Third Party This Change Request captures a requirement by the future solar vendor (Nexamp), to provide power/ wiring inside the building from the Main Switchgear to the Main MEP room for their monitoring equipment.	\$2,763.44	\$2,763.44

Change Order Summary

CR-161 F18 Light Fixture Color (RFI-376) Reason Design This Change Request substitutes the original specified F18 light fixture (MP Lighting L307) with a related model by the same manufacturer (MP Lighting L301). This change was necessary because the original specified model was not available in white.	\$ 886.02	\$ 886.02
CR-172 Masonry Upper Corner Detail (RFI-401) Reason Design This Change Request answers RFI-401 which provides dimensions for the corner CMU units at Ext.1.1 facade locations.	\$ 2,694.60	\$ 2,694.60
Total Change Order Value		\$22,253.29

Notes:

AT = Allowance Transfer
 BT = Budget Transfer
 HT = Hold Transfer
 RB = Reconciled Buyout
 CR = Change Request
 CT = Contingency Transfer
 OAL = Owner Approval Letter
 PC = Pre-Construction Change Order
 T&M = Time and Materials
 GR = General Requirements
 NA = Not Applicable
 BP = Bid Package
 * Value of the Change Request
 ** Cost to the Project

End of Summary



Change Order

Project:

2515 Stoneham High School
149 Franklin Street
Stoneham, MA 02180

Change Order: CO022

Date: 11/17/2023

To Contractor:

Consigli Construction Co., Inc.

The Contract is changed as follows:

Change Order #022

AT036 PR-077 Exterior Scoreboards	\$0.00
CR070 PR-029 Area D Ext OH Door & Area C Roof Openings - Rev2	\$7,912.79
CR127 PR-079 AV Paging Speaker Clarifications REV	\$6,336.07
CR132 Credit for PR-028 Drainage North of Main Entry	\$-10,000.00
CR142 PR-081 Arch Updates per Coordination	\$5,770.69
CR149 ASI-046 Exterior Framing Adjustments	\$4,362.62
CR154 PR-091 Lighting & AV Screen Clarifications	\$1,527.06
CR160 PR-097 PV Conduit to Main MEP Room Rev1	\$2,763.44
CR161 RFI-376 F18 Light Fixture Color	\$886.02
CR172 PR-104 Masonry Upper Corner Detail	\$2,694.60
CT036 Premium Time, August 2023	\$0.00
CT047 Metal Panel Material - Unprocured Scope	\$0.00
CT052 ASI-051 Folding Grille Specification	\$0.00
CT054 Aluminum Door Hardware - Unprocured Scope	\$0.00
CT055 Added Site Temp Lights - Rev	\$0.00
CT058 Extreme Paperless Drywall - REV1	\$0.00
CT059 Interior Expansion Joints	\$0.00
HT004 Neighborhood Costs - 21 Emerald Court Oil Tank Replacement	\$0.00

Total: \$22,253.29



Change Order

Project:
2515 Stoneham High School
149 Franklin Street
Stoneham, MA 02180

Change Order: CO022
Date: 11/17/2023

To Contractor:
Consigli Construction Co., Inc.

The original Contract Amount was	\$176,267,415.00
Net change by previously authorized Change Orders	\$1,312,448.87
The Contract Amount prior to this Change Order was	\$177,579,863.87
The Contract will be increased by this Change Order in the amount of	\$22,253.29
The new Contract Amount including this Change Order will be	\$177,602,117.16
The Contract Time will be unchanged.	

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Perkins & Will, Inc. ARCHITECT	Consigli Construction Co., Inc. CONTRACTOR	Town of Stoneham OWNER
-----------------------------------	---	---------------------------

_____ (Signature)	_____ (Signature)	_____ (Signature)
----------------------	----------------------	----------------------

_____ By	_____ By	_____ By
-------------	-------------	-------------

_____ Date	_____ Date	_____ Date
---------------	---------------	---------------



Allowance Usage Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: AT036
Date: 8/30/23
Job: 2515 Stoneham High School
Phone:

Description: PR-077 Exterior Scoreboards

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

This Allowance Transfer is for the scope of work associated with PR-077 Exterior Scoreboards dated August 29, 2023. This Proposal Request provides the Exterior Scoreboard specification for the (5) scoreboards located at Spartan Stadium, Baseball Field, Northwest Soccer Field, and Softball/Soccer Field (Double-sided). Scoreboards to utilize wireless scoring consoles.

1. Robert H. Lord - Provide and install (5) scoreboards per PR-077. Includes all installation, structural steel, scoreboards, and programming/training. The total cost for this scope of work is \$177,686.30 per Robert H. Lord COR #001 dated September 14, 2023.
2. Marois - Excavate and backfill (9) footings per 15/L05-01. Does not include any ledge removal or unforeseen conditions. The total cost for this scope of work is \$24,257.00 per Marois proposal dated October 19, 2023.

Please note this Allowance Transfer AT036 is for the scoreboard and excavation/backfill activities only. The work is anticipated to be completed. The concrete footings have been previously procured via OAL #37. As the GMP allowance was for \$270,000.00, the remaining \$68,056.70 will be held for any unforeseen scope of work, including footing adjustments per shop drawing review or ledge/unsuitable soil adjustments, and any electrical coordination required not identified in the contract documents.

This Allowance Transfer will transfer \$201,943.30 from the Scoreboard Allowance (24-045) to the Gymnasium Equipment Subcontract (11-480) and the Sitework Subcontract (2-401).

Description	Labor	Material	Equipment	Subcontract	Other	Price
Robert H. Lord Company Inc.				\$177,686.30		\$177,686.30
Marois Bros., Inc.				\$24,257.00		\$24,257.00
Scoreboards - Allowance				\$-201,943.30		\$-201,943.30
					Subtotal:	\$0.00
		Builders Risk (0.157%)				\$0.00
		General Liability (1.10%)				\$0.00
		SDI (Non-Trade Only) (1.40%)				\$0.00
		OH&P (5%)				\$0.00
		Bond (0.53%)				\$0.00
					Total:	\$0.00

- 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.



CONSIGLI
Est. 1905

Allowance Usage Request

To: Julie Leduc
Symmes Maini & Mckee
1000 Massachusetts Ave.
Cambridge, MA 02138
Ph: (617)520-9299 Fax: (617)354-5758

Number: AT036
Date: 8/30/23
Job: 2515 Stoneham High School
Phone:

ARCHITECT

Consigli Construction Co., Inc.
CONTRACTOR
72 Sumner Street
Milford, MA 01757

OWNER

(Signature)

(Signature)

(Signature)

By

By

By

Date

Date

Date



Change Request

To: Julie Leduc
Symmes Maini & Mckee
1000 Massachusetts Ave.
Cambridge, MA 02138
Ph: (617)520-9299 Fax: (617)354-5758

Number: CR070
Date: 10/18/23
Job: 2515 Stoneham High School
Phone:

Description: PR-029 Area D Ext OH Door & Area C Roof Openings - Rev2

Source: PR # 029

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

This change request is for the following scope of work associated with PR-029. This proposal request includes changes to area D Scene Shop exterior overhead door support resulting in added added framing, sheathing and finish work by the drywall trade contractor at this location.

1.) Century - Includes the cost of all labor and material necessary to furnish and install added framing, sheathing, blocking and finish work at the Area D Scene Shop as shown in PR029. Total cost of this work is \$4,350.00 per Century CR#4 dated September 8, 2023.

2.) PJ Spillane - Includes the cost of all labor and material necessary to furnish and install added AVB and open cell foam insulation as shown in PR029. Total cost of this work is \$2993.06.00 per PJ Spillane COR #601 revised on October 24, 2023.

09-13-23 Rev1 update removes the drafting hours for re-drawing time from Misc Metals Trade Contractor and reduces the drywall contractor labor in response to prior comments.

10-17-23 Rev2 includes cost for added AVB and open cell foam insulation.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Century Drywall, Inc.	9-220				\$4,350.00		\$4,350.00
P.J. Spillane	7-102				\$2,993.06		\$2,993.06
						Subtotal:	\$7,343.06
				Builders Risk (0.157%)	\$7,343.06		\$11.53
				General Liability (1.10%)	\$7,343.06		\$80.77
				SDI (Non-Trade Only) (1.40%)	\$4,350.00		\$60.90
				OH&P (5%)	\$7,496.26		\$374.81
				Bond (0.53%)	\$7,871.07		\$41.72
						Total:	\$7,912.79

- 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.



CONSIGLI
Est. 1905

Change Request

To: Julie Leduc
Symmes Maini & Mckee
1000 Massachusetts Ave.
Cambridge, MA 02138
Ph: (617)520-9299 Fax: (617)354-5758

Number: CR070
Date: 10/18/23
Job: 2515 Stoneham High School
Phone:

ARCHITECT

Consigli Construction Co., Inc.
CONTRACTOR
72 Sumner Street
Milford, MA 01757

OWNER

(Signature)

(Signature)

(Signature)

By

By

By

Date

Date

Date



Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CR127
Date: 9/18/23
Job: 2515 Stoneham High School
Phone:

Description: PR-079 AV Paging Speaker Clarifications

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

This Change Request is for the scope of work associated with PR-079 AV Paging Speaker Clarifications. This proposal request formally documents the design team response to RFI-285 regarding additional equipment required for the Auditorium AV loudspeakers. This PR also clarifies the mounting of the paging speakers located above the wood slat ceiling in Spartan Place.

1. WJGEI - Includes the cost of all labor and material necessary to furnish and install the AV/Paging changes as outlined in PR-079. Total cost can be found on WJGEI Proposal #25 dated 8/29/23.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Wayne J. Griffin Electric, Inc	16-101				\$5,928.02		\$5,928.02
						Subtotal:	\$5,928.02
			Builders Risk (0.157%)		\$5,928.02		\$9.31
			General Liability (1.10%)		\$5,928.02		\$65.21
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)		\$6,002.54		\$300.13
			Bond (0.53%)		\$6,302.67		\$33.40
						Total:	\$6,336.07

- 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.

ARCHITECT <hr/> (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757 <hr/> (Signature)	OWNER <hr/> (Signature)
<hr/> By	<hr/> By	<hr/> By
<hr/> Date	<hr/> Date	<hr/> Date



Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CR132
Date: 10/18/23
Job: 2515 Stoneham High School
Phone:

Description: Credit for PR-028 Drainage North of Main Entry

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

This change request is for a credit associated with the scope of work issued in PR-028 "Drainage North of Main Entry" where pricing was submitted and approved through CR064. When the sitework subcontractor was performing the PR-028 change work, it was determined that the existing field conditions were different from the assumptions made by the sitework subcontractor when pricing for PR-028 (CR064). As a result, the overall cost to perform this change work was reduced by an agreed amount of \$(10,000) between Marois (sitework subcontractor), SMMA (OPM), and CCC.

1.) Marois - Includes the credit for all labor, material, and equipment due to the existing field conditions being different from the assumptions made by Marois when pricing for PR-028 (CR064). Total credit for this work is \$(10,000) per agreement in the field between Marois, SMMA, and CCC.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Marois Bros., Inc.	2-401				\$-10,000.00		\$-10,000.00
						Subtotal:	\$-10,000.00
			Builders Risk (0.157%)				\$0.00
			General Liability (1.10%)				\$0.00
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)				\$0.00
			Bond (0.53%)				\$0.00
						Total:	\$-10,000.00

- 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.

ARCHITECT _____ (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757	OWNER _____ (Signature)
_____ By	_____ By	_____ By
_____ Date	_____ Date	_____ Date



Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CR142
Date: 8/24/23
Job: 2515 Stoneham High School
Phone:

Description: PR-081 Arch Updates per Coordination

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

This change request is for the scope of work issued in PR-081 Arch Updates per Coordination which includes architectural updates in reponse to several MEPFP coordination items. Wall stud sizes are increased to accommodate plumbing pipes and a soffit is added to resolve a duct-ceiling conflict.

1.) Century - Includes the cost of all labor and material necessary to remove and reinstall framing and tops at level 2 area C and to add a soffit in level 2 area A. Total cost of this work is \$4,706.00 per Century CR#20 dated 9/27/23.

2.) H Carr - Per H Carr email dated 9/19/2023, there are no costs associated with the changes issued in PR-081 Arch Updates per Coordination.

3.) Homer - Includes the cost of all labor and material necessary to paint the added soffit in level 2 area A. Total cost of this work is \$628.00 per Homor COP #8 dated 9/19/23.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Century Drywall, Inc.	9-220				\$4,706.00		\$4,706.00
H. Carr and Sons LLC	9-501						
Homer Contracting Inc	9-901				\$628.00		\$628.00
						Subtotal:	\$5,334.00
			Builders Risk (0.157%)		\$5,334.00		\$8.37
			General Liability (1.10%)		\$5,334.00		\$58.67
			SDI (Non-Trade Only) (1.40%)		\$4,706.00		\$65.88
			OH&P (5%)		\$5,466.92		\$273.35
			Bond (0.53%)		\$5,740.27		\$30.42
						Total:	\$5,770.69

- 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.

ARCHITECT _____ Consigli Construction Co., Inc. _____ OWNER _____
 CONTRACTOR
 72 Sumner Street
 Milford, MA 01757

 (Signature) (Signature) (Signature)

 By By By

 Date Date Date



Change Request

To: Julie Leduc
Symmes Maini & Mckee
1000 Massachusetts Ave.
Cambridge, MA 02138
Ph: (617)520-9299 Fax: (617)354-5758

Number: CR149
Date: 10/6/23
Job: 2515 Stoneham High School
Phone:

Description: ASI-046 Exterior Framing Adjustments

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

This change request is for the scope of work issued in ASI-046 "Exterior Framing Adjustments." These supplemental instructions provide clarification of details surrounding parapets at the roof above Stair C & D, Pre-K Entry, and the Area A mechanical well.

1.) Century - Includes the cost of all labor and material necessary to furnish and install the added LGMF kickers at the Area A and Area C Stairs per ASI-046. Total cost of this work is \$4,026.46 per Century CR#13 dated August 28, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Century Drywall, Inc.	9-220				\$4,026.00		\$4,026.00
						Subtotal:	\$4,026.00
			Builders Risk (0.157%)		\$4,026.00		\$6.32
			General Liability (1.10%)		\$4,026.00		\$44.29
			SDI (Non-Trade Only) (1.40%)		\$4,026.00		\$56.36
			OH&P (5%)		\$4,132.97		\$206.65
			Bond (0.53%)		\$4,339.62		\$23.00
						Total:	\$4,362.62

- 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.

ARCHITECT <hr/> (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757 <hr/> (Signature)	OWNER <hr/> (Signature)
<hr/> By	<hr/> By	<hr/> By
<hr/> Date	<hr/> Date	<hr/> Date



Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CR154
Date: 11/1/23
Job: 2515 Stoneham High School
Phone:

Description: PR-091 Lighting & AV Screen Clarifications

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

This change request is for the scope of work issued in PR-091 "Lighting & AV Screen Clarifications." This proposal request documents responses to RFI-337 and RFI-339 which clarifies light fixture types and locations of AV screens.

1.) WJGEI - Includes the cost of all labor and material necessary to modify the light fixtures and the locations of AV screens per PR-091. Total cost is \$1,428.72 per WJGEI Proposal #42 dated October 27, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Wayne J. Griffin Electric, Inc	16-101				\$1,428.72		\$1,428.72
						Subtotal:	\$1,428.72
			Builders Risk (0.157%)		\$1,428.72		\$2.24
			General Liability (1.10%)		\$1,428.72		\$15.72
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)		\$1,446.68		\$72.33
			Bond (0.53%)		\$1,519.01		\$8.05
						Total:	\$1,527.06

- 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.

ARCHITECT <hr/> (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757	OWNER <hr/> (Signature)
<hr/> By	<hr/> By	<hr/> By
<hr/> Date	<hr/> Date	<hr/> Date



Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CR160
Date: 10/6/23
Job: 2515 Stoneham High School
Phone:

Description: PR-097 PV Conduit to Main MEP Room

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

This change request is for the scope of work issued in PR-097 "PV Conduit to Main MEP Room." This proposal request provides conduit from the main switchgear to the future PV metering panels in the Main MEP Room C105. This conduit was required by Nexamp, the solar vendor.

1.) WJGEI - Includes the cost of all labor and material necessary to furnish and install the added PV conduits from the Main Electrical Room to the future PV space in the Main Mechanical Room per PR-097. Total cost of this work is \$2,585.47 per WJGEI Proposal #45 dated November 6, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Wayne J. Griffin Electric, Inc	16-101				\$2,585.47		\$2,585.47
						Subtotal:	\$2,585.47
			Builders Risk (0.157%)		\$2,585.47		\$4.06
			General Liability (1.10%)		\$2,585.47		\$28.44
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)		\$2,617.97		\$130.90
			Bond (0.53%)		\$2,748.87		\$14.57
						Total:	\$2,763.44

- 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.

ARCHITECT _____ Consigli Construction Co., Inc. _____ OWNER
 CONTRACTOR
 72 Sumner Street
 Milford, MA 01757

 (Signature)

 (Signature)

 (Signature)

 By

 By

 By

 Date

 Date

 Date



Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CR161
Date: 10/2/23
Job: 2515 Stoneham High School
Phone:

Description: RFI-376 F18 Light Fixture Color

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

This change request is for the scope of work issued in the response to RFI-376 "F18 Light Fixture Color." This RFI response substitutes the original specified F18 light fixture (MP Lighting L307) with a related model by the same manufacturer (MP Lighting L301). This change was necessary because the original specified model was not available in white.

1.) WJGEI - Includes the cost to substitute all F18 light fixtures MP Lighting L307 with MP Lighting L301 per RFI #376. Total cost of this work is \$828.96 per WJGEI Proposal #35 dated September 26, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Wayne J. Griffin Electric, Inc	16-001				\$828.96		\$828.96
						Subtotal:	\$828.96
			Builders Risk (0.157%)		\$828.96		\$1.30
			General Liability (1.10%)		\$828.96		\$9.12
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)		\$839.38		\$41.97
			Bond (0.53%)		\$881.35		\$4.67
						Total:	\$886.02

- 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.

ARCHITECT <hr/> (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757 <hr/> (Signature)	OWNER <hr/> (Signature)
<hr/> By	<hr/> By	<hr/> By
<hr/> Date	<hr/> Date	<hr/> Date



Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CR172
Date: 10/23/23
Job: 2515 Stoneham High School
Phone:

Description: PR-104 Masonry Upper Corner Detail

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

This change request is for the scope of work issued in PR-104 "Masonry Upper Corner Detail." This proposal request provides dimensions for the corner CMU units at Ext.1.1 facade locations. Related to RFI-401.

1.) Fernandes - Includes the cost to furnish custom shape/special order CMU per the details issued in PR-104. Total cost of this work is \$2,521.06 per Fernandes COR#001 dated October 19, 2023.

2.) WJGEI - No cost per WJGEI letter dated October 23, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Fernandes Masonry, Inc	4-101				\$2,521.06		\$2,521.06
						Subtotal:	\$2,521.06
			Builders Risk (0.157%)		\$2,521.06		\$3.96
			General Liability (1.10%)		\$2,521.06		\$27.73
			SDI (Non-Trade Only) (1.40%)				\$0.00
				OH&P (5%)	\$2,552.75		\$127.64
				Bond (0.53%)	\$2,680.39		\$14.21
						Total:	\$2,694.60

- 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.

ARCHITECT <hr/> (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757 <hr/> (Signature)	OWNER <hr/> (Signature)
<hr/> By	<hr/> By	<hr/> By
<hr/> Date	<hr/> Date	<hr/> Date



Contingency Change Request

To: Julie Leduc
Symmes Maini & Mckee
1000 Massachusetts Ave.
Cambridge, MA 02138
Ph: (617)520-9299 Fax: (617)354-5758

Number: CT036
Date: 9/28/23
Job: 2515 Stoneham High School
Phone:

Description: Premium Time, August 2023

In accordance with the contract terms, this Contingency Change Request will be funded from the construction manager's project contingency. Please consider this Contingency Change Request as formal notification of contingency use.

This Contingency Transfer is for the costs associated with subcontractor Premium Time for August 2023.

1. Marois - Provide premium time labor to continue installation of parking lot sitework. This work was completed on a T&M basis and tracked on SMMA Authorization #058, 060, and 069. The total cost for this scope of work is \$8,603.00 per Marois T&M Summaries #14, 19, and 22.
2. Century - Provide premium time labor to continue installation of interior partitions. This work was completed on a T&M basis and tracked on SMMA Authorization #059. The total cost for this scope of work is \$3,687.00 per Century CR #12 dated August 24, 2023.
3. P.J. Spillane - Provide premium time labor to continue avb installation at Area B and C. This work was completed on a T&M basis and tracked on SMMA Authorization #071 and 074. The total cost for this scope of work is \$6,348.00 per P.J. Spillane CORs Rev1 dated September 8, 2023.
4. H. Carr (Spray Fireproofing) - Provide premium time labor to spray fireproof exterior structural members. This work was completed on a T&M basis and tracked on SMMA Authorization #072. The total cost for this scope of work is \$784.87 per H. Carr T&M Invoice 78051 dated September 5, 2023.
5. Riggs General Requirements - Provide premium time labor for project General Requirements. This work was completed on a T&M basis and tracked on SMMA Authorization #073. The total cost for this scope of work is \$1,006.96 per Riggs CT036.1 dated August 31, 2023.
6. Riggs (Temp Fence) - Provide premium time labor to continue installation of construction fencing. This work was completed on a T&M basis and tracked on SMMA Authorization #070. The total cost for this scope of work is \$349.36 per Riggs CT036 dated August 31, 2023.
7. Riggs (Concrete) - Provide premium time labor to install rebar at Area 3A. This work was completed on a T&M basis and tracked on SMMA Authorization #049. The total cost for this scope of work is \$315.66 per Riggs CT036 dated August 31, 2023.

This Contingency Transfer will transfer \$21,094.85 from Construction Contingency (19-001) to the Sitework Subcontract (2-401), Drywall Subcontract (9-220), Waterproofing Subcontract (7-101), Fireproofing Subcontract (7-810), Riggs General Requirements (1-099), Temp Fence Subcontract (1-220), and Concrete Subcontract (3-110).

Description	Labor	Material	Equipment	Subcontract	Other	Price
Marois Bros., Inc.				\$8,603.00		\$8,603.00
Century Drywall, Inc.				\$3,687.00		\$3,687.00
P.J. Spillane				\$6,348.00		\$6,348.00
H. Carr and Sons LLC				\$784.87		\$784.87
Riggs General Requirements				\$1,006.96		\$1,006.96
Riggs Contracting Inc.				\$349.36		\$349.36
Riggs Contracting Inc.				\$315.66		\$315.66
Construction Contingency				\$-21,094.85		\$-21,094.85
					Subtotal:	\$0.00
					Builders Risk (0.157%)	\$0.00
					General Liability (1.10%)	\$0.00
					SDI (Non-Trade Only) (1.40%)	\$0.00
					OH&P (5%)	\$0.00



Contingency Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CT036
Date: 9/28/23
Job: 2515 Stoneham High School
Phone:

Bond (0.53%)	\$0.00
Total:	\$0.00

- SCHEDULE IMPACT
- We have proceeded with this change and use of contingency to achieve schedule.
- As directed, we will not proceed with this change and use of contingency until formal direction from OWNER is received.

ARCHITECT	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757	OWNER
(Signature)	(Signature)	(Signature)
By	By	By
Date	Date	Date



Contingency Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CT047
Date: 10/5/23
Job: 2515 Stoneham High School
Phone:

Description: Metal Panel Material - Unprocured Scope

In accordance with the contract terms, this Contingency Change Request will be funded from the construction manager's project contingency. Please consider this Contingency Change Request as formal notification of contingency use.

This Contingency Transfer is for the costs associated with the metal panel scope of work. Per previous correspondence on August 25th, there was an issue with the colors of both the Formed Metal Wall Panels and the Metal Composite Material Wall Panels. To resolve the color issues with both panel colors, it was determined by the project team to proceed with providing custom finishes for the previously provided materials to achieve matching samples without affecting project schedule.

1. Riggs (Metal Panel) - Provide a custom finish for both Formed Metal Wall Panels and the Metal Composite Material Wall Panels. The total cost for this scope of work is \$42,130.00 per Riggs CT047 dated October 5, 2023.

This Contingency Transfer will transfer \$42,130.00 from Construction Contingency (19-001) to the Metal Panel Subcontract (7-475).

Description	Labor	Material	Equipment	Subcontract	Other	Price
Riggs Contracting Inc.				\$42,130.00		\$42,130.00
Construction Contingency				\$-42,130.00		\$-42,130.00
					Subtotal:	\$0.00
		Builders Risk (0.157%)				\$0.00
		General Liability (1.10%)				\$0.00
		SDI (Non-Trade Only) (1.40%)				\$0.00
		OH&P (5%)				\$0.00
		Bond (0.53%)				\$0.00
					Total:	\$0.00

SCHEDULE IMPACT

We have proceeded with this change and use of contingency to achieve schedule.

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

ARCHITECT _____ (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757 _____ (Signature)	OWNER _____ (Signature)
_____ By	_____ By	_____ By
_____ Date	_____ Date	_____ Date



Contingency Change Request

To: Julie Leduc
Symmes Maini & Mckee
1000 Massachusetts Ave.
Cambridge, MA 02138
Ph: (617)520-9299 Fax: (617)354-5758

Number: CT052
Date: 10/19/23
Job: 2515 Stoneham High School
Phone:

Description: ASI-051 Folding Grille Specification

In accordance with the contract terms, this Contingency Change Request will be funded from the construction manager's project contingency. Please consider this Contingency Change Request as formal notification of contingency use.

This contingency transfer is for the unprocured scope of work issued in ASI-051 "Folding Grille Specification." There is a security folding grille called to be installed at Scramble Serving B114 shown on architectural drawing A11-01B however there were no specification section for this folding grille. The specifications were issued under ASI-051.

1.) Specified Building Products - Includes the cost of all labor and material necessary to furnish and install the basis of design (EL Paravent Folding Grilles by Dynamic Closures Corporation) security folding grille in the Scramble Serving B114. Total cost of this work is \$52,150.00 per Specified Building Products' estimate #1026808312 dated October 18, 2023.

This Contingency Transfer will transfer \$52,150.00 from Construction Contingency (19-001) to the Coiling Doors Subcontractor (8-360).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Specified Building Products	8-360				\$52,150.00		\$52,150.00
Contingency #1	19-001				\$-52,150.00		\$-52,150.00
						Subtotal:	\$0.00
			Builders Risk (0.157%)				\$0.00
			General Liability (1.10%)				\$0.00
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)				\$0.00
			Bond (0.53%)				\$0.00
						Total:	\$0.00

- SCHEDULE IMPACT
- We have proceeded with this change and use of contingency to achieve schedule.
- As directed, we will not proceed with this change and use of contingency until formal direction from OWNER is received.

ARCHITECT <hr/> (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757 <hr/> (Signature)	OWNER <hr/> (Signature)
<hr/> By	<hr/> By	<hr/> By
<hr/> Date	<hr/> Date	<hr/> Date



Contingency Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CT054
Date: 11/2/23
Job: 2515 Stoneham High School
Phone:

Description: Aluminum Door Hardware - Unprocured Scope

In accordance with the contract terms, this Contingency Change Request will be funded from the construction manager's project contingency. Please consider this Contingency Change Request as formal notification of contingency use.

This Contingency Transfer is for the scope of work associated with the procurement of Aluminum Door hardware. Per the Construction Managers Supplemental Instructions, the aluminum door hardware is to be installed by the Metal Window Trade Contractor but furnished by others. During procurement of the Door Hardware per OAL #18, the aluminum door hardware was excluded, and a hold was not established except for the cylinders and cores.

1.) Thompson - Includes the cost to furnish all hardware associated with the aluminum doors. Install is excluded. Total cost is \$139,077.00 per TCI Proposal #2rev1 dated November 2, 2023.

This Contingency Transfer will transfer \$139,077.00 from Construction Contingency (19-001) to the Door/Frame/Hardware Subcontract (8-001).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Thompson Company Inc	8-001				\$139,077.00		\$139,077.00
Contingency #1	19-001				\$-139,077.00		\$-139,077.00
						Subtotal:	\$0.00
			Builders Risk (0.157%)				\$0.00
			General Liability (1.10%)				\$0.00
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)				\$0.00
			Bond (0.53%)				\$0.00
						Total:	\$0.00

- SCHEDULE IMPACT
- We have proceeded with this change and use of contingency to achieve schedule.
- As directed, we will not proceed with this change and use of contingency until formal direction from OWNER is received.

ARCHITECT <hr/> (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757 <hr/> (Signature)	OWNER <hr/> (Signature)
<hr/> By	<hr/> By	<hr/> By
<hr/> Date	<hr/> Date	<hr/> Date



Contingency Change Request

To: Julie Leduc
Symmes Maini & Mckee
1000 Massachusetts Ave.
Cambridge, MA 02138
Ph: (617)520-9299 Fax: (617)354-5758

Number: CT055
Date: 11/10/23
Job: 2515 Stoneham High School
Phone:

Description: Added Site Temp Lights - Rev

In accordance with the contract terms, this Contingency Change Request will be funded from the construction manager's project contingency. Please consider this Contingency Change Request as formal notification of contingency use.

This contingency transfer is for the added scope of work to finish and install a time clock at the temporary Service Shack for the programming with a dedicated circuit for the additional fence lights that are around one hundred feet (100') from the Temporary Shack. (10) temporary light stringers will be procured through Riggs General Requirements and they will be installed by the electrical subcontractor. When the lights are ready for removal, the electrical subcontractor will disconnect and Riggs GRs will demo these stringers.

1.) WJGEI - Includes the cost of all labor and material necessary to furnish and install a time clock at the temporary Service Shack for the programming with a dedicated circuit for the additional fence lights that are around one hundred feet (100') from the Temporary Shack; power (10) temporary light stringers procured by others and disconnection when they are ready for removal. Total cost of this work is \$3,595.37 per WJGEI Proposal #38 dated October 6, 2023.

2.) Marois - Includes the cost of all labor, material and equipment necessary to excavate, prep and backfill trench for added temporary power. This work was performed on T&M and tracked on SMMA Slip #089. Total cost of this work is \$4,968.00 per Marois PCO dated 9/22/23.

This Contingency Transfer will transfer \$3,595.37 from Construction Contingency (19-001) to the Electrical Subcontract (16-101) and transfer \$4,968.00 from Construction Contingency (19-001) to the Sitework Subcontract (2-401).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Wayne J. Griffin Electric, Inc	16-101				\$3,595.37		\$3,595.37
Contingency #1	19-001				\$-8,563.37		\$-8,563.37
Marois Bros., Inc.	2-401				\$4,968.00		\$4,968.00
						Subtotal:	\$0.00
			Builders Risk (0.157%)				\$0.00
			General Liability (1.10%)				\$0.00
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)				\$0.00
			Bond (0.53%)				\$0.00
						Total:	\$0.00

- SCHEDULE IMPACT
- We have proceeded with this change and use of contingency to achieve schedule.
- As directed, we will not proceed with this change and use of contingency until formal direction from OWNER is received.



Contingency Change Request

To: Julie Leduc
Symmes Maini & Mckee
1000 Massachusetts Ave.
Cambridge, MA 02138
Ph: (617)520-9299 Fax: (617)354-5758

Number: CT055
Date: 11/10/23
Job: 2515 Stoneham High School
Phone:

ARCHITECT

Consigli Construction Co., Inc.
CONTRACTOR
72 Sumner Street
Milford, MA 01757

OWNER

(Signature)

(Signature)

(Signature)

By

By

By

Date

Date

Date



Contingency Change Request

To: Julie Leduc
Symmes Maini & Mckee
1000 Massachusetts Ave.
Cambridge, MA 02138
Ph: (617)520-9299 Fax: (617)354-5758

Number: CT058
Date: 10/27/23
Job: 2515 Stoneham High School
Phone:

Description: Extreme Paperless Drywall - REV1

In accordance with the contract terms, this Contingency Change Request will be funded from the construction manager's project contingency. Please consider this Contingency Change Request as formal notification of contingency use.

This contingency transfer is for the scope of work to provide interior extreme paperless drywall at areas where drywall needs to be installed before the building is weathertight. Installing this paperless drywall at these double height areas will expediate the project schedule by allowing construction activities to continue in the highlighted areas while reducing the concerns with moisture in the drywall. This contingency transfer will include the cost difference between the approved 5/8" Fireshield 60 and the 5/8" Interior Extreme which is \$0.33 per square foot.

1.) Century - Includes the cost difference between the approved 5/8" Fireshield 60 and the 5/8" Interior Extreme. Total cost is \$13,591.00 per Century CR#21 dated October 18, 2023.

REV1 - Area 3B was added to this proposal to receive interior extreme paperless drywall.

This Contingency Transfer will transfer \$13,591.00 from Construction Contingency (19-001) to the Drywall Subcontract (9-220).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Century Drywall, Inc.	9-220				\$13,591.00		\$13,591.00
Contingency #1	19-001				\$-13,591.00		\$-13,591.00
						Subtotal:	\$0.00
			Builders Risk (0.157%)				\$0.00
			General Liability (1.10%)				\$0.00
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)				\$0.00
			Bond (0.53%)				\$0.00
						Total:	\$0.00

- SCHEDULE IMPACT
- We have proceeded with this change and use of contingency to achieve schedule.
- As directed, we will not proceed with this change and use of contingency until formal direction from OWNER is received.

ARCHITECT _____ Consigli Construction Co., Inc. _____ OWNER
CONTRACTOR
72 Sumner Street
Milford, MA 01757

(Signature)

(Signature)

(Signature)

By

By

By

Date

Date

Date



Contingency Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: CT059
Date: 10/24/23
Job: 2515 Stoneham High School
Phone:

Description: Interior Expansion Joints

In accordance with the contract terms, this Contingency Change Request will be funded from the construction manager's project contingency. Please consider this Contingency Change Request as formal notification of contingency use.

This Contingency Transfer is for the unprocured scope of work for the Interior Expansion Joints. This scope includes the expansion joint/covers for 1,4,6/A32-D14, and for the vertical joint at the exterior wall at 6/A33-D2. Exterior roof joints by roofer. All material to be Nystrom per 07 95 13.13-2.3.A.3.

1. Riggs (Metal Panel) - Provide and install the Interior Expansion Joints at Building D per 1,4,6/A32-D14 and 6/A33-D2. The total cost for this scope of work is \$25,658.73 per Riggs CT059 dated October 24, 2023.

This Contingency Transfer will transfer \$26,458 from the Expansion Joint Budget (5-810) to the Metal Panel Subcontract (7-475) and Construction Contingency (19-001).

Description	Labor	Material	Equipment	Subcontract	Other	Price
Riggs Contracting Inc.				\$25,658.73		\$25,658.73
Expansion Joints				\$-26,458.00		\$-26,458.00
Construction Contingency				\$799.27		\$799.27
					Subtotal:	\$0.00
		Builders Risk (0.157%)				\$0.00
		General Liability (1.10%)				\$0.00
		SDI (Non-Trade Only) (1.40%)				\$0.00
		OH&P (5%)				\$0.00
		Bond (0.53%)				\$0.00
					Total:	\$0.00

- SCHEDULE IMPACT
- We have proceeded with this change and use of contingency to achieve schedule.
- As directed, we will not proceed with this change and use of contingency until formal direction from OWNER is received.

ARCHITECT <hr/> (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757	OWNER <hr/> (Signature)
<hr/> By	<hr/> By	<hr/> By
<hr/> Date	<hr/> Date	<hr/> Date



Change Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: HT004
Date: 10/19/23
Job: 2515 Stoneham High School
Phone:

Description: Neighborhood Costs - 21 Emerald Court Oil Tank Replacement

Reason: Other

Initiated by: SYMMES MAINI & MCKEE

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

This hold transfer is for the cost to remove and replace an oil tank at 21 Emerald Court, Stoneham, MA. This neighbor's oil tank was damaged due to its close proximity to the construction of the new parking lot. CCC cut a check for \$2,800 to the resident at 21 Emerald Court to reimburse them for the cost to remove and replace their oil tank.

This Hold Transfer will transfer \$2,800.00 from Neighborhood Concerns Hold (2-422) to the Neighborhood Fund - Issues Cost (1-299).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Neighborhood Fund - Issue Costs	1-299				\$2,800.00		\$2,800.00
Hold - Neighborhood Concerns	2-422				\$-2,800.00		\$-2,800.00
						Subtotal:	\$0.00
			Builders Risk (0.157%)				\$0.00
			General Liability (1.10%)				\$0.00
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)				\$0.00
			Bond (0.53%)				\$0.00
						Total:	\$0.00

- 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.

ARCHITECT _____ Consigli Construction Co., Inc. _____ OWNER
 CONTRACTOR
 72 Sumner Street
 Milford, MA 01757

 (Signature) (Signature) (Signature)

 By By By

 Date Date Date

Change Order Summary

DATE: November 17, 2023
 TO: Stoneham Building Committee
 SUBJECT: **Change Order Summary – CO-023**

Detailed Description	Value*	Cost**
Reconciled Buyouts (RB's)		
RB-034 Permanent Fencing (OAL #42)		\$0
RB-035 Synthetic Turf (OAL #41)		\$0
Total Change Order Value		\$0

Notes:

- AT = Allowance Transfer
- BT = Budget Transfer
- HT = Hold Transfer
- RB = Reconciled Buyout
- CR = Change Request
- CT = Contingency Transfer
- OAL = Owner Approval Letter
- PC = Pre-Construction Change Order
- T&M = Time and Materials
- GR = General Requirements
- NA = Not Applicable
- BP = Bid Package
- * Value of the Change Request
- ** Cost to the Project

End of Summary



Change Order

Project:
2515 Stoneham High School
149 Franklin Street
Stoneham, MA 02180

Change Order: CO023
Date: 11/1/2023

To Contractor:
Consigli Construction Co., Inc.

The Contract is changed as follows:

Change Order #023 - Reconciled Buyout	
RB034 OAL #42 - Permanent Fencing Reconciled Buyout	\$0.00
RB035 OAL #41 - Synthetic Turf Reconciled Buyout	\$0.00
Total:	\$0.00

The original Contract Amount was	\$176,267,415.00
Net change by previously authorized Change Orders	\$1,312,448.87
The Contract Amount prior to this Change Order was	\$177,579,863.87
The Contract will be increased by this Change Order in the amount of	\$0.00
The new Contract Amount including this Change Order will be	\$177,579,863.87
The Contract Time will be unchanged.	

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Perkins & Will, Inc.	Consigli Construction Co., Inc.	Town of Stoneham
ARCHITECT	CONTRACTOR	OWNER

(Signature)	(Signature)	(Signature)
By	By	By
Date	Date	Date



Reconciled Buyout Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: RB034
Date: 10/27/23
Job: 2515 Stoneham High School
Phone:

Description: OAL #42 - Permanent Fencing Reconciled Buyout

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

This Reconciled Buyout is for the Permanent Fencing scope of work procured under OAL #40. The GMP Estimate for Permanent Fencing was \$981,960 and the final subcontractor pricing is \$955,000. The procurement for the Permanent Fencing scope of work results in a line-item savings of \$1,960.00. The following Holds were established with OAL #42:

- Hold: Automatic Vehicular Gate = \$25,000

This Reconciled Buyout will transfer \$26,960.00 from the Permanent Fencing Budget (2-920) to the Automatic Vehicular Gate Hold (2-921) and Contingency #2 (19-002).

Description	Labor	Material	Equipment	Subcontract	Other	Price
Fencing				\$-26,960.00		\$-26,960.00
Vehicle Gate - Hold				\$25,000.00		\$25,000.00
Contingency #2				\$1,960.00		\$1,960.00
					Subtotal:	\$0.00
		Builders Risk (0.157%)				\$0.00
		General Liability (1.10%)				\$0.00
		SDI (Non-Trade Only) (1.40%)				\$0.00
		OH&P (5%)				\$0.00
		Bond (0.53%)				\$0.00
					Total:	\$0.00

- 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.

ARCHITECT <hr/> (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757	OWNER <hr/> (Signature)
<hr/> By	<hr/> By	<hr/> By
<hr/> Date	<hr/> Date	<hr/> Date



October 23, 2023

Mr. Dennis Sheehan
Town Administrator
35 Central Street
Stoneham, MA 02180

RE: Stoneham High School (Stoneham, MA)
Consigli Job #2515
Owner Approval Letter No. 42: Permanent Fence

Dear Mr. Sheehan,

Consigli Construction Co., Inc. is requesting authorization to proceed with the award for the **Permanent Fence** scope of work to **MR3 LLC dba Union Fence** in the amount of **\$955,000.** and **Holds/Allowances** for a total value of **\$25,000.** in accordance with the attached leveling sheet.

Pricing and design in accordance with the following Construction Documents:

- Construction Documents Bid Package #3 - Drawings by Perkins & Will dated November 4, 2022
- Construction Documents Bid Package #3 - Specifications by Perkins & Will dated November 4, 2022
- Addendum #1 by Perkins & Will dated November 14, 2022, including Bid Package No. 2 for reference and coordination.
- Addendum #2 by Perkins & Will dated November 16, 2022
- Addendum #3 by Perkins & Will dated November 18, 2022
- Addendum #4 by Perkins & Will dated November 23, 2022
- Addendum #5 by Perkins & Will dated November 28, 2022
- Addendum #6 by Perkins & Will dated December 1, 2022
- RFI Log Responses Issued Thru Addendum #5

Budget:

GMP Estimate dated 1/20/2023 \$981,960.
Total Budget: \$981,960.

Subcontractor Award Value: MR3 LLC dba Union Fence \$955,000.

Holds/Allowances:

Refer To Leveling Sheet \$25,000.
Total Holds/Allowances: \$25,000.

Overall Total: \$980,000.

Savings Against GMP Estimate: \$1,960.

Additional Notes:

1. N/A

Please authorize Consigli Construction Co., Inc. to proceed with award by executing your signature in the space provided below and returning this copy for our files. Please feel free to call with any questions or concerns. It is critical that we award subcontracts/MPA's in a timely manner in order to maintain project schedule.

Very Truly Yours,

Signature:



Andrew MacNeil
Project Manager
Consigli Construction Company, Inc.



Dennis Sheehan
Town Administrator
Town of Stoneham

Scope and budget reviewed and in conformance with GMP Estimate:



Julie Leduc
SMMA

CC: Todd McCabe, Project Executive / Consigli Construction Company, Inc.
Robert Eagles, Purchaser / Consigli Construction Company, Inc.



Reconciled Buyout Request

To: Julie Leduc
 Symmes Maini & Mckee
 1000 Massachusetts Ave.
 Cambridge, MA 02138
 Ph: (617)520-9299 Fax: (617)354-5758

Number: RB035
Date: 10/27/23
Job: 2515 Stoneham High School
Phone:

Description: OAL #41 - Synthetic Turf Reconciled Buyout

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

This Reconciled Buyout is for the Synthetic Turf scope of work procured under OAL #40. The GMP Estimate for Synthetic Turf was \$1,815,000 and the final subcontractor pricing is \$1,976,000. The procurement for the Synthetic Turf scope of work results in a line-item overage of (\$161,000).

This Reconciled Buyout will transfer \$1,976,000 from Contingency #2 (1-002) and the Athletic Surfacing Budget (2-890) to the Synthetic Turf Budget (2-891).

Description	Labor	Material	Equipment	Subcontract	Other	Price
Synthetic Turf				\$1,976,000.00		\$1,976,000.00
Synthetic athletic surfacing				\$-1,815,000.00		\$-1,815,000.00
Contingency #2				\$-161,000.00		\$-161,000.00
					Subtotal:	\$0.00
		Builders Risk (0.157%)				\$0.00
		General Liability (1.10%)				\$0.00
		SDI (Non-Trade Only) (1.40%)				\$0.00
		OH&P (5%)				\$0.00
		Bond (0.53%)				\$0.00
					Total:	\$0.00

- 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.

ARCHITECT <hr/> (Signature)	Consigli Construction Co., Inc. CONTRACTOR 72 Sumner Street Milford, MA 01757	OWNER <hr/> (Signature)
<hr/> By	<hr/> By	<hr/> By
<hr/> Date	<hr/> Date	<hr/> Date



October 23, 2023

Mr. Dennis Sheehan
Town Administrator
35 Central Street
Stoneham, MA 02180

RE: Stoneham High School (Stoneham, MA)
Consigli Job #2515
Owner Approval Letter No. 41: Synthetic Turf

Dear Mr. Sheehan,

Consigli Construction Co., Inc. is requesting authorization to proceed with the award for the **Synthetic Turf** scope of work to **Boston Turf, LLC** in the amount of **\$1,976,000.** and **Holds/Allowances** for a total value of **\$0.** in accordance with the attached leveling sheet.

Pricing and design in accordance with the following Construction Documents:

- Construction Documents Bid Package #3 - Drawings by Perkins & Will dated November 4, 2022
- Construction Documents Bid Package #3 - Specifications by Perkins & Will dated November 4, 2022
- Addendum #1 by Perkins & Will dated November 14, 2022, including Bid Package No. 2 for reference and coordination.
- Addendum #2 by Perkins & Will dated November 16, 2022
- Addendum #3 by Perkins & Will dated November 18, 2022
- Addendum #4 by Perkins & Will dated November 23, 2022
- Addendum #5 by Perkins & Will dated November 28, 2022
- Addendum #6 by Perkins & Will dated December 1, 2022
- RFI Log Responses Issued Thru Addendum #5

Budget:

GMP Estimate dated 1/20/2023 \$1,815,000.
Total Budget: \$1,815,000.

Subcontractor Award Value: Boston Turf, LLC **\$1,976,000.**

Holds/Allowances:

Refer To Leveling Sheet N/A
Total Holds/Allowances: \$0.

Overall Total: **\$1,976,000.**

Loss Against GMP Estimate: **(\$161,000.)**

Additional Notes:

1. Loss due to union installation versus open shop, prevailing wage initially carried.

Please authorize Consigli Construction Co., Inc. to proceed with award by executing your signature in the space provided below and returning this copy for our files. Please feel free to call with any questions or concerns. It is critical that we award subcontracts/MPA's in a timely manner in order to maintain project schedule.

Very Truly Yours,

Signature:

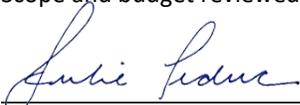


Andrew MacNeil
Project Manager
Consigli Construction Company, Inc.



Dennis Sheehan
Town Administrator
Town of Stoneham

Scope and budget reviewed and in conformance with GMP Estimate:



Julie Leduc
SMMA

CC: Todd McCabe, Project Executive / Consigli Construction Company, Inc.
Robert Eagles, Purchaser / Consigli Construction Company, Inc.

**SCHOOL BUILDING COMMITTEE
STONEHAM HIGH SCHOOL**

All meetings held at the
Central Middle School Media Center and Remote Participation at 7:00 PM
unless otherwise noted

MEETINGS SCHEDULE AND AGENDAS
October 31, 2022 *Updated October 18, 2023*

DATE	AGENDA
Construction Phase	
January 15, 2024	SCHOOL BUILDING COMMITTEE MEETING (DR. MLK DAY) Construction Progress
January 22, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Progress
February 19, 2024	SCHOOL BUILDING COMMITTEE MEETING - PRESIDENT'S DAY Construction Progress
FEBRUARY 19-23, 2024	FEBRUARY SCHOOL VACATION
February 26, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Progress
March 18, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Progress
April 15, 2024	SCHOOL BUILDING COMMITTEE MEETING - PATRIOT'S DAY Construction Progress
APRIL 15-19, 2024	APRIL SCHOOL VACATION
April 22, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Progress
May 6, 2024	TOWN MEETING - 7:00 PM @ TOWN HALL
May 20, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Progress
May 27, 2024	MEMORIAL DAY
May 31, 2024	GRADUATION DAY
June 17, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Progress
June 18, 2024	LAST DAY OF SCHOOL - HALF DAY
July 15, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Progress
August 19, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Progress
September 16, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Progress
October 21, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Progress
November 18, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Update
NOVEMBER 20-22, 2024	THANKSGIVING [HALF DAY ON NOVEMBER 20, 2024 THROUGH NOVEMBER 22, 2024]
December 16, 2024	SCHOOL BUILDING COMMITTEE MEETING Construction Update
DECEMBER 20, 2024 - JANUARY 2, 2025	WINTER VACATION [DECEMBER 20, 2024 THROUGH JANUARY 2, 2025]
	ADDITIONAL MEETINGS TO BE SCHEDULED

SMMA

Project Management



Town of Stoneham

New Stoneham High School

Construction Update

11.20.2023





Drone Aerial – October 10, 2023



Drone Aerial – November 8, 2023



Drone Aerial – November 8, 2023 – North & East Elevation



East Elevation – November 17, 2023



Drone Aerial – November 8, 2023 - South Elevation



Drone Aerial – November 17, 2023 - South Elevation



Drone Aerial – November 8, 2023 - West Elevation



West Elevation – November 17, 2023



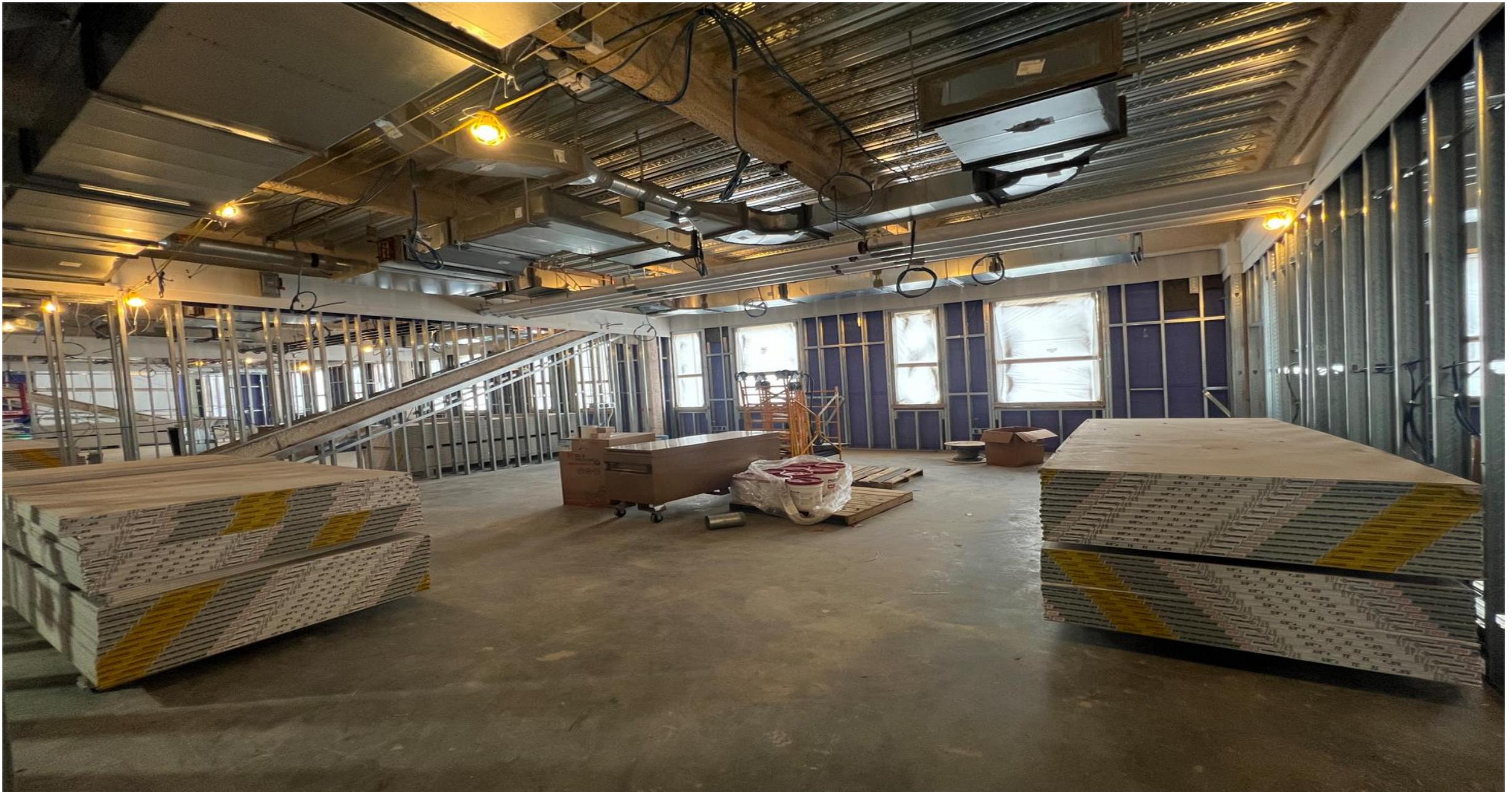
Auditorium Wing – November 17, 2023



Auditorium – November 17, 2023



Spartan Place – November 17, 2023

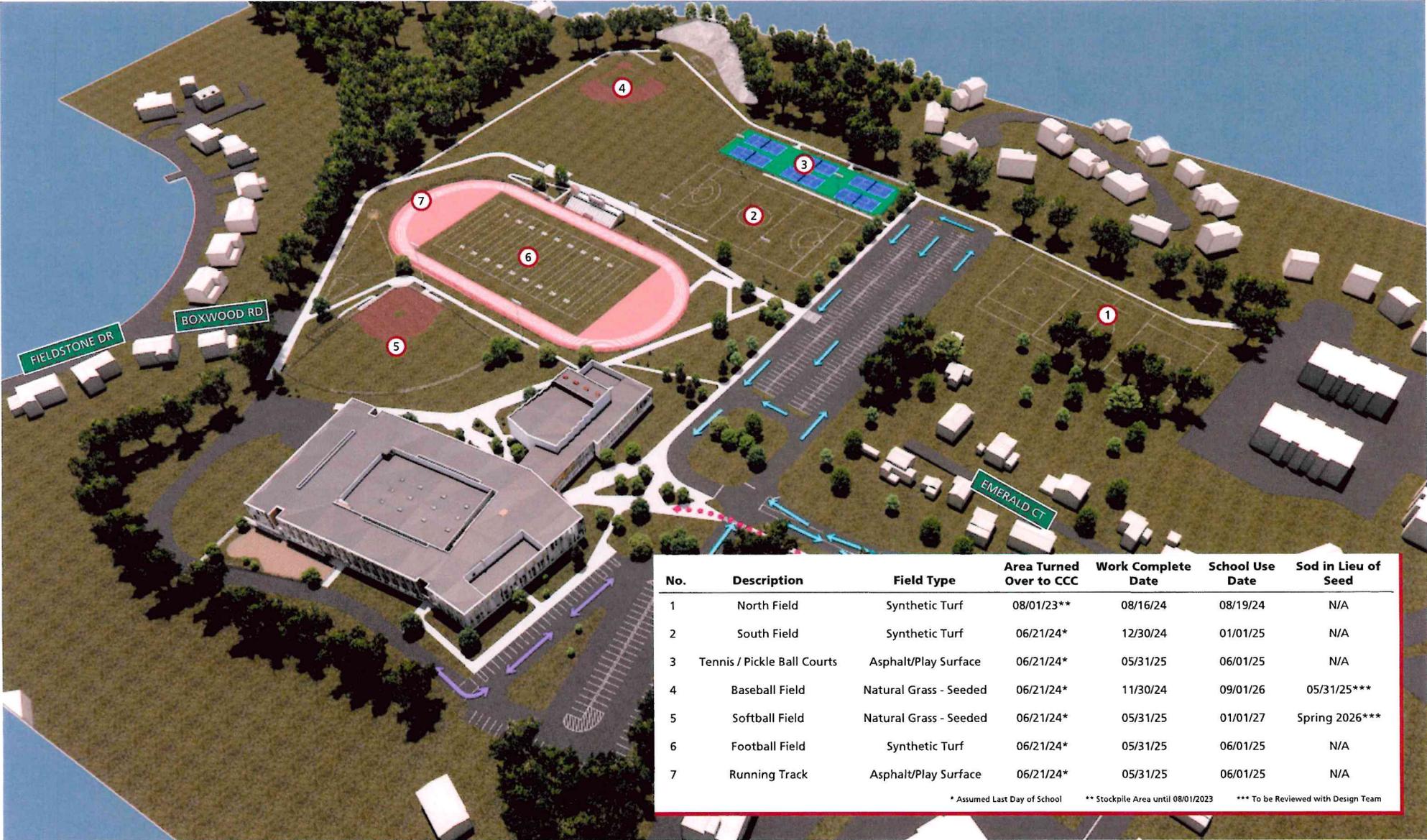


Second Floor – November 17, 2023

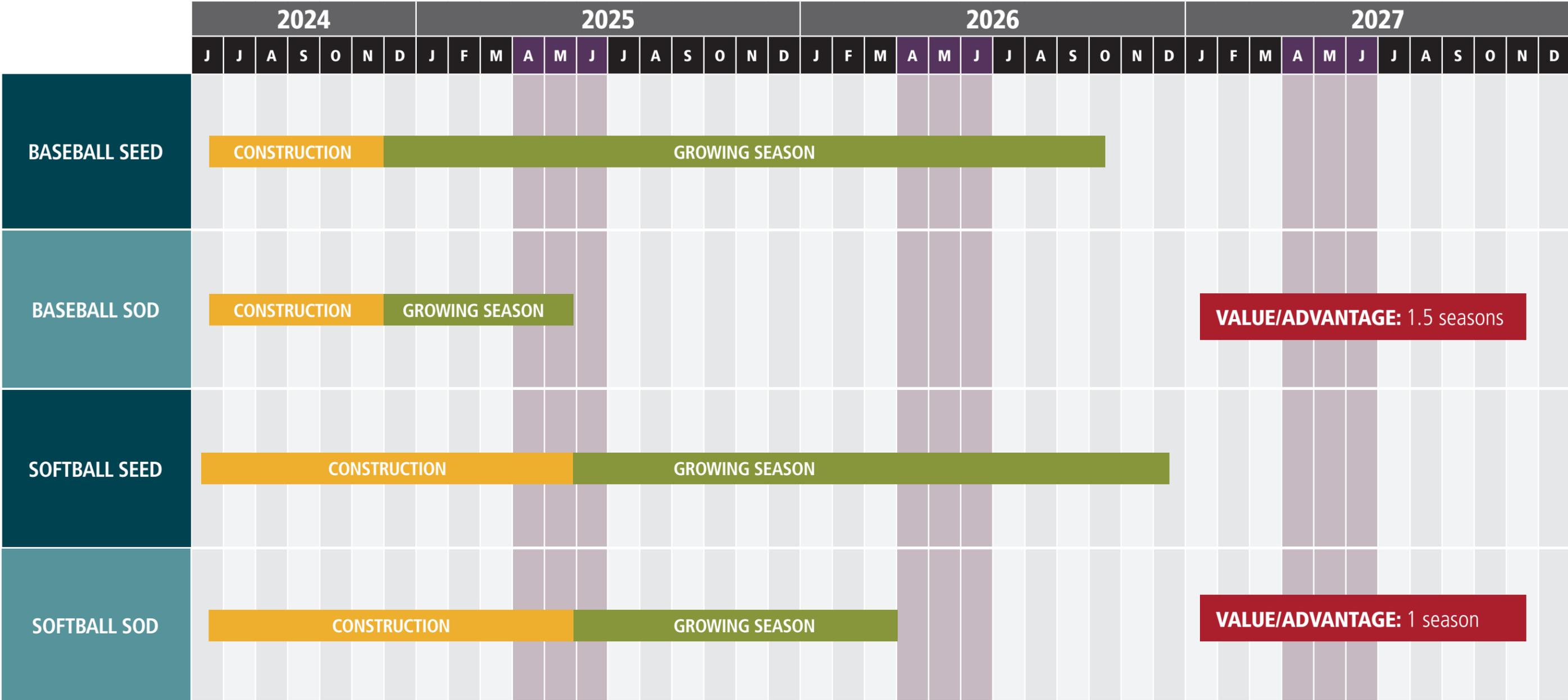
Stoneham High School



Field Turnover Logistics



STONEHAM HIGH SCHOOL: SEED VS. SOD



KEY
 Playing Season

Project Minutes

Project: Stoneham High School Project No.: 20033
 Prepared by: Sarah Traniello Meeting Date: 10/12/2023
 Re: Time Capsule Working Group Meeting
 Distribution: Marie Christie; Sharon Iovanni; Josephine Thomson; David Ljungberg;
 Bryan Lombardi; Kathy Martin; Jeanne Craigie; Nicole Nial; Lisa Gallagher;
 Donna Weiss, Stoneham Historical Society; Bee Russo, Stoneham Historical Society; (MF)

Attendees:	School Building Committee Members	Stoneham Historical Society	SMMA
	Marie Christie Sharon Iovanni Josephine Thomson David Ljungberg (A) Bryan Lombardi (A) Kathy Martin (A) Jeanne Craigie (A) Lisa Gallagher (A) Nicole Nial (A)	Donna Weiss Bee Russo (A)	Sarah Traniello Julie Leduc (A)

Item #	Action	Discussion
1.		<p>Location of the Time Capsule</p> <p>Marie Christie advised that the time capsule once filled will be placed outside of the new building to the left of the entrance by the tree. Placement of the actual time capsule will need to be coordinated with Bob Smith of SMMA and Consigli as it will need to be buried under concrete based on its placement – Planning for next spring/early summer.</p>
2.		<p>Time Capsule Items</p> <ul style="list-style-type: none"> • Final Copy of Senior Yearbook – Yearbooks may not go out for a few months afterwards due to printing process but an advance copy for the Time Capsule would be excellent. Preferably a clean copy not just a copy with PROOF written across its contents • Final Copy of the Middle School Stepping Up Yearbook – Preferably a clean copy not just a copy with PROOF written across its contents • Photo Contest (4x6): Important places in Stoneham and a brief explanation of the picture and its significance. Sent to the Stoneham Historical Society,

Item #	Action	Discussion
		<p>36 William Street ATTN: Donna Weiss, SHS Time Capsule with full name, street address and phone number of submitting party. Potential of being bound into a book for publication for the Time Capsule. <i>*PRIZE*</i> for best entry.</p> <ul style="list-style-type: none"> ○ S.Iovanni to write a Press Release for the newspaper for the Time Capsule Working Group to review and comment. ● Journal Entries: Historical Society Meetings; Senior Center; Senior Christmas Party; Wood Hill Christmas Party; Winter Concert at the High School; Rotary Club and other Stoneham organizations; Open Houses at the Historical Society – Donna Weiss ● Pictures submitted by Young Photographer about Stoneham, Timur Gray: Perhaps inclusive of Stoneham Police, Stoneham Fire, Stoneham Public Schools, etc.
3.		<p>Briana _____ – English / Humanities Teacher at Stoneham High School working with the students to gather contributions from the student body classes of SHS to place into the Time Capsule.</p> <p>Assignment for the Students:</p> <ul style="list-style-type: none"> ● What does Stoneham look like today through the eyes of today’s students? ● What makes Stoneham special to the students today? ● What are the places in Stoneham that the kids of today find special to them and why? What do they hope for the future students of SHS and of Stoneham?
4.		<p>Stoneham Student Activities</p> <ul style="list-style-type: none"> ● Stoneham Sports Uniforms: History of Stoneham sports uniform jerseys might be able to be facilitated by D. Pignone with access to some older versions that may have been in a trophy case previously and placing a clean one from the last class from the existing and one from the new. This can also show the evolution of the Spartan through the decades perhaps. It could mean something very different in 50 years but right now for the young men and young women of Stoneham, at present. ● Music (CD, sheet music, etc.), Books (Poetry, Novel, etc.) and Plays (playbills) that resonate with the students of today. Samples of these could be placed.

The information herein reflects the understanding reached. Please contact the author if you have any questions or are not in agreement with these Project Minutes.

Project Minutes

Project: Stoneham High School Project No.: 20033
 Prepared by: Sarah Traniello Meeting Date: 10/26/2023
 Re: Time Capsule Working Group Meeting
 Distribution: Marie Christie; Sharon Iovanni; Josephine Thomson; David Ljungberg;
 Bryan Lombardi; Kathy Martin; Jeanne Craigie; Nicole Nial; Lisa Gallagher;
 Donna Weiss, Stoneham Historical Society; Bee Russo, Stoneham Historical Society; (MF)

Attendees:	School Building Committee Members	Stoneham Historical Society	SMMA
	Marie Christie Sharon Iovanni Josephine Thomson David Ljungberg (A) Bryan Lombardi (A) Kathy Martin (A) Jeanne Craigie (A) Lisa Gallagher (A) Nicole Nial (A)	Donna Weiss Pauline "Bee" Russo	Sarah Traniello Julie Leduc (A)

Item #	Action	Discussion
1.		<p>Location of the Time Capsule</p> <p>Marie Christie advised that the time capsule once filled will be placed outside of the new building to the left of the entrance by the tree. Placement of the actual time capsule will need to be coordinated with Bob Smith of SMMA and Andrew MacNeil Consigli as it will need to be buried under concrete based on its placement – Planning for next spring/early summer. [10/26/2023] – S. Traniello will bring to the next meeting of the Time Capsule Subcommittee a site plan showing potential locations to place the Time Capsule for the Subcommittee to discuss and choose from. Post-Script: J. Leduc advised that it is important that the time capsule placement is away from any utility lines, conduits, etc. and discussion may be had at Co-Chairs regarding decision to encapsulate the time capsule in cement or burial in soil underneath grass expanses with a designated marker. Coordination with Consigli's construction schedule will be made as well and brought to the next meeting to give insight into when the time capsule would need to be ready to place into the ground. **Until otherwise notified Working Group is targeting April 30, 2024.**</p>

2.	<p>Time Capsule Items</p> <ul style="list-style-type: none">• Final Copy of Senior Yearbook – <i>Yearbooks may not go out for a few months afterwards due to printing process but an advance copy for the Time Capsule would be excellent. Preferably a clean copy not just a copy with PROOF written across its contents.</i>• Final Copy of the Middle School Stepping Up Yearbook – <i>Preferably a clean copy not just a copy with PROOF written across its contents</i>• Photo Contest (4x6): <i>Important places in Stoneham and a brief explanation of the picture and its significance. Sent to the Stoneham Historical Society, 36 William Street ATTN: Donna Weiss, SHS Time Capsule with full name, street address and phone number of submitting party. Potential of being bound into a book for publication for the Time Capsule. *PRIZE* for best entry.</i><ul style="list-style-type: none">○ S.Iovanni to write a Press Release for the newspaper for the Time Capsule Working Group to review and comment.○ Newspaper article was submitted to The Independent• Journal Entries: <i>Historical Society Meetings; Senior Center; Senior Christmas Party; Wood Hill Christmas Party; Winter Concert at the High School; Rotary Club and other Stoneham organizations; Open Houses at the Historical Society – Donna Weiss</i><ul style="list-style-type: none">○ [10/26/2023] Donna Weiss and Pauline Russo advised they would have journals at the Historical Society events especially those over the upcoming holidays where citizens will be able to make their entries. Currently there is also a journal at the Town Hall Clerk’s office○ [10/26/2023] 1 Journal was for the New Stoneham High School Building crew was delivered and onsite for 1 day only and was not able to receive the full scope of those who have worked on the project and their entries. Received one signature before retrieval.○ [10/26/2023] Currently have 4 of 6 journals in play getting signatures and entries and achievable over the next months until spring time when the ground will be soft enough after winter to put them into the time capsule.○ [10/26/2023] Donna Weiss will follow up with the middle school and high school to see when it might be possible to get the latest version of the yearbook with all of the yearbook photo entries, etc. laid out as planned if not the final yearbook or proof. Lisa Gallagher may be able to assist in finding out the information needed about the Moving On book for middle school students.
----	--

Item #	Action	Discussion
		<ul style="list-style-type: none"> ○ [10/26/2023] Acrylic holders that Marie Christie uses for the Spelling Bee will be loaned to hold signage regarding the availability of the journals for citizens entries and notes. Marie Christie will need the holders back for March when she has the Spelling Bee. ● Pictures submitted by Young Photographer about Stoneham, Timur Gray: Perhaps inclusive of Stoneham Police, Stoneham Fire, Stoneham Public Schools, etc.
3.		<p>Briana _____ – English / Humanities Teacher at Stoneham High School working with the students to gather contributions from the student body classes of SHS to place into the Time Capsule.</p> <p>Assignment for the Students:</p> <ul style="list-style-type: none"> ● What does Stoneham look like today through the eyes of today’s students? ● What makes Stoneham special to the students today? ● What are the places in Stoneham that the kids of today find special to them and why? What do they hope for the future students of SHS and of Stoneham?
4.		<p>Stoneham Student Activities</p> <ul style="list-style-type: none"> ● Stoneham Sports Uniforms: History of Stoneham sports uniform jerseys might be able to be facilitated by D. Pignone with access to some older versions that may have been in a trophy case previously and placing a clean one from the last class from the existing and one from the new. This can also show the evolution of the Spartan through the decades perhaps. It could mean something very different in 50 years but right now for the young men and young women of Stoneham, at present. <ul style="list-style-type: none"> ○ [10/26/2023] Football Luncheon Booklet with the Sports Schedule ○ [10/26/2023] Stoneham “S” for Stoneham Spartan which would have been placed on a wool jacket, etc. was thought to be a universal Spartan item that was used across sports, drama and performing arts, etc. and would be inclusive instead of athletic jerseys which would be exclusively sports. ○ Music (CD, sheet music, etc.), Books (Poetry, Novel, etc.) and Plays (playbills) that resonate with the students of today. Samples of these could be placed.
5.		<p>Upcoming Meetings</p> <ul style="list-style-type: none"> ● November 9, 2023 at 3:30pm at Stoneham High School with Remote Participation Option– Sarah Traniello will send meeting invitation and remote participation call information

Project: Stoneham High School
Meeting Date: 10/26/2023
Meeting No.:

Item #	Action	Discussion
		<ul style="list-style-type: none"><li data-bbox="511 388 1437 472">• November 30, 2023 at 3:30pm at Stoneham High School with Remote Participation Option– Sarah Traniello will send meeting invitation and remote participation call information<li data-bbox="511 483 1437 577">• December 14, 2023 at 3:30pm at Stoneham High School with Remote Participation Option – Sarah Traniello will send meeting invitation and remote participation call information

The information herein reflects the understanding reached. Please contact the author if you have any questions or are not in agreement with these Project Minutes.

1000 Massachusetts Avenue
Cambridge, MA 02138
617.547.5400

www.smma.com

Project Minutes

Project: Stoneham High School Project No.: 20033
 Prepared by: Sarah Traniello Meeting Date: 11/09/2023
 Re: Time Capsule Working Group Meeting
 Distribution: Marie Christie; Sharon Iovanni; Josephine Thomson; David Ljungberg;
 Bryan Lombardi; Kathy Martin; Jeanne Craigie; Nicole Nial; Lisa Gallagher;
 Donna Weiss, Stoneham Historical Society; Pauline Russo, Stoneham Historical Society; (MF)

Attendees:	School Building Committee Members	Stoneham Historical Society	SMMA
	Marie Christie Sharon Iovanni Josephine Thomson David Ljungberg (A) Bryan Lombardi Kathy Martin (A) Jeanne Craigie (A) Lisa Gallagher (A) Nicole Nial (A)	Donna Weiss (A) Pauline "Bee" Russo	Sarah Traniello Julie Leduc (A)

Item #	Action	Discussion
1.		<p>Location of the Time Capsule</p> <p>Marie Christie advised that the time capsule once filled will be placed outside of the new building to the left of the entrance by the tree. Placement of the actual time capsule will need to be coordinated with Bob Smith of SMMA and Andrew MacNeil Consigli as it will need to be buried under concrete based on its placement – Planning for next spring/early summer. [10/26/2023] – S. Traniello will bring to the next meeting of the Time Capsule Subcommittee a site plan showing potential locations to place the Time Capsule for the Subcommittee to discuss and choose from. Post-Script: J. Leduc advised that it is important that the time capsule placement is away from any utility lines, conduits, etc. and discussion may be had at Co-Chairs regarding decision to encapsulate the time capsule in cement or burial in soil underneath grass expanses with a designated marker. Coordination with Consigli's construction schedule will be made as well and brought to the next meeting to give insight into when the time capsule would need to be ready to place into the ground. **Until otherwise notified Working Group is targeting April 30, 2024.**</p>

Item #	Action	Discussion
		<p>[11/09/2023] – S.Traniello brought to the Time Capsule Working Group site plans and building diagrams to show members to get their input and thoughts on the placement of the time capsule once it has been filled and is ready to be placed.</p> <ul style="list-style-type: none"> • External locations indicated with potential are immediately outside of the Main Entry near a few plantings and will need to be vetted by Perkins&Will, Consigli and SMMA to ensure there will be no concerns for the time capsule being disturbed over the next 50 years. <ul style="list-style-type: none"> ○ Exterior locations were indicated on the plan(s) were noted and S.Traniello documented in a Powerpoint slide to document the exterior placement of the time capsule for due diligence sharing. • J.Leduc and B.Smith advised there may be interior areas that may be recommended as more suitable and advisable over exterior building locations. • Further review by the working group recognized the potential benefits benefits of an interior location vs. an exterior location. <ul style="list-style-type: none"> ○ Interior location of time capsule would provide less concern about the degradation of the contents over time by the weather elements, corrosion of the time capsule exterior due to water or chemical penetration and/or disruption of its placement in order to access utilities or other conduits or piping that might exist below. <p><i>More coordination and due diligence with additional parties is needed – details to follow for more review and discussion at future meeting(s) before presentation of options to the School Building Committee for decision.</i></p>
2.		<p>Time Capsule Items</p> <ul style="list-style-type: none"> • Final Copy of Senior Yearbook – <i>Yearbooks may not go out for a few months afterwards due to printing process but an advance copy for the Time Capsule would be excellent. Preferably a clean copy not just a copy with PROOF written across its contents.</i> • Final Copy of the Middle School Stepping Up Yearbook – <i>Preferably a clean copy not just a copy with PROOF written across its contents</i> • Photo Contest (4x6): <i>Important places in Stoneham and a brief explanation of the picture and its significance. Sent to the Stoneham Historical Society, 36 William Street ATTN: Donna Weiss, SHS Time Capsule with full name, street address and phone number of submitting party. Potential of being bound into a book for publication for the Time Capsule. *PRIZE* for best entry.</i> <ul style="list-style-type: none"> ○ S.Iovanni to write a Press Release for the newspaper for the Time Capsule Working Group to review and comment.

Item #	Action	Discussion
		<ul style="list-style-type: none"> ○ Newspaper article was submitted to The Independent ● [11/09/2023] S. Iovanni followed up with distributing the flyer regarding the photo contest to targeted distribution channels within the Stoneham community that would share with the populus and get the word out including the Patch and The Independent. S. Traniello posted the Press Release on the SBC website for the Stoneham High School project so that those who were interested in the project would learn about it and click to learn more.
		<ul style="list-style-type: none"> ● Journal Entries: Historical Society Meetings; Senior Center; Senior Christmas Party; Wood Hill Christmas Party; Winter Concert at the High School; Rotary Club and other Stoneham organizations; Open Houses at the Historical Society – Donna Weiss <ul style="list-style-type: none"> ○ [10/26/2023] Donna Weiss and Pauline Russo advised they would have journals at the Historical Society events especially those over the upcoming holidays where citizens will be able to make their entries. Currently there is also a journal at the Town Hall Clerk’s office ○ [10/26/2023] 1 Journal was for the New Stoneham High School Building crew was delivered and onsite for 1 day only and was not able to receive the full scope of those who have worked on the project and their entries. Received one signature before retrieval. ○ [10/26/2023] Currently have 4 of 6 journals in play getting signatures and entries and achievable over the next months until spring time when the ground will be soft enough after winter to put them into the time capsule. ○ [10/26/2023] Donna Weiss will follow up with the middle school and high school to see when it might be possible to get the latest version of the yearbook with all of the yearbook photo entries, etc. laid out as planned if not the final yearbook or proof. Lisa Gallagher may be able to assist in finding out the information needed about the Moving On book for middle school students. [11/09/2023] L. Gallagher will be the point of contact to connect on the final yearbook at the Middle School for Moving Up. ○ [10/26/2023] Acrylic holders that Marie Christie uses for the Spelling Bee will be loaned to hold signage regarding the availability of the journals for citizens entries and notes. Marie

Item #	Action	Discussion
		<p>Christie will need the holders back for March when she has the Spelling Bee.</p> <ul style="list-style-type: none"> • Pictures submitted by Young Photographer about Stoneham, Timur Gray: Perhaps inclusive of Stoneham Police, Stoneham Fire, Stoneham Public Schools, etc.
3.		<p>Briana Nims-Henderson – English / Humanities Teacher at Stoneham High School working with the students to gather contributions from the student body classes of SHS to place into the Time Capsule.</p> <p>Assignment for the Students:</p> <ul style="list-style-type: none"> • What does Stoneham look like today through the eyes of today’s students? • What makes Stoneham special to the students today? • What are the places in Stoneham that the kids of today find special to them and why? What do they hope for the future students of SHS and of Stoneham?
4.		<p>Stoneham Student Activities</p> <ul style="list-style-type: none"> • Stoneham Sports Uniforms: History of Stoneham sports uniform jerseys might be able to be facilitated by D. Pignone with access to some older versions that may have been in a trophy case previously and placing a clean one from the last class from the existing and one from the new. This can also show the evolution of the Spartan through the decades perhaps. It could mean something very different in 50 years but right now for the young men and young women of Stoneham, at present. <ul style="list-style-type: none"> ○ [10/26/2023] Football Luncheon Booklet with the Sports Schedule ○ [10/26/2023] Stoneham “S” for Stoneham Spartan which would have been placed on a wool jacket, etc. was thought to be a universal Spartan item that was used across sports, drama and performing arts, etc. and would be inclusive instead of athletic jerseys which would be exclusively sports. ○ Music (CD, sheet music, etc.), Books (Poetry, Novel, etc.) and Plays (playbills) that resonate with the students of today. Samples of these could be placed.
5.	Record	<p>Electronic Files to Share with the Students of the Future</p> <ul style="list-style-type: none"> • [11/09/2023] S. Iovanni will be picking up and/or coordinating with the High School’s IT Department to obtain large capacity USB drive(s) i.e. 1T, 2T, 3T, 5T that will be able to hold electronic copies of photographs and submissions of documents and files that the student community want to share with the students of the future.

Item #	Action	Discussion
		<ul style="list-style-type: none"> • For example, the Stoneham High School classes do a Lip Dub productions every year and sharing these with students 50 years from now would be very cool. <ul style="list-style-type: none"> ○ Lip Dub Productions are when students lip sync and dance to a current pop song, often one that has gone viral, and they put their own spin and fun personality into it. • [11/09/2023] B.Lombardi joined the Time Capsule meeting and added some great ideas of additional items that could be contributed to the Time Capsule and S. Iovanni will be working with Kevin Wetmore from his staff who has a good sense of the pulse of the students inspiration to pull some items to share on an electronic medium with the students of the future. <ul style="list-style-type: none"> ○ Including but not limited to works of Timur Gray who is active in the high school photography and videography program. ○ Ideas such as the Community Art Show, Theatre Productions, Principal's Message, etc. Lip Dubs from 2019, 2021, and 2022 can be seen on YouTube and shared electronically.
6.	Record	[11/09/2023] S. Traniello will get an archive box or a paper box to store Time Capsule Items at the SMMA/Perkins&Will trailer.
7.	Record	Upcoming Meetings <ul style="list-style-type: none"> • November 30, 2023 at 3:30pm at Stoneham High School with Remote Participation Option– Sarah Traniello will send meeting invitation and remote participation call information • December 14, 2023 at 3:30pm at Stoneham High School with Remote Participation Option – Sarah Traniello will send meeting invitation and remote participation call information

The information herein reflects the understanding reached. Please contact the author if you have any questions or are not in agreement with these Project Minutes.