

Project Minutes

Project: New Stoneham High School Project No.: 20033
 Prepared by: Sarah Traniello Meeting Date: 12/18/2023
 Re: School Building Committee Meeting Time: 7:00pm
 Location: Central Middle School Media Center & Remote Participation Meeting No: 76
 Distribution: Attendees (MF)

Attendees:

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

Item #	Action	Discussion
76.1	Record	Call to Order, 7:00 PM, meeting opened.
76.2	Record	This meeting will be held via video conference and in person and will be posted on the Town's website.
76.3	Record	<p>Approval of Minutes</p> <p>A motion was made by R.Parker and seconded by S.Iovanni to approve the 11/20/23 School Building Committee meeting minutes.</p> <p>All in favor, motion passed.</p>
76.4	Record	<p>Environmental Educational Branding Visioning Update and Discussion</p> <p>B.Trivas introduced Katie Janson of Perkins&Will who is provided the update from the Environmental Educational Branding Visioning relating to the Meander Pattern that has been further revised and developed to better capture the hidden SHS initials in the Meander pattern modeled after the Ancient Greek key pattern demonstrating unity, eternal path and finding one's path.</p> <ul style="list-style-type: none"> • The meander has been removed from the exterior fins, Gymnasium floor, and from the glass with Stoneham and the Spartan logo. • The original Spartan logo was retraced as it was in a format and size that was not easily transferrable in size to other formats and it has been increased on blue. There are no objections to the retraced version of the Spartan. • Gymnasium floor has had the meander removed from the linework surrounding the court, "We Are Stoneham" and "Spartan Strong" will be placed at each end of the court. • "SHS" will be placed on the bleachers with font typeface that is the same as other graphics throughout the school and not the one within the Meander pattern. • Banner locations was approved and the corridor entrance was approved. • Glass with Meander pattern in blue is preferred. • Meander pattern on top and bottom of words on graphics throughout the school and on the glass will be rolled out to the school staff and students for their feedback before moving forward. Their feedback will be reported at the next SBC meeting. • \$200,000 is being held in an allowance for these graphics to be installed. Only 2 items that are not owned under Consigli's allowance are the images that will be installed surrounding the televisions and the wall nearest the band area. Pricing will be obtained from the Graphics company to be broken out above and beyond the allowance. • The PreK area graphics visioning is still in the process of being tweaked and finalized and it will be presented next month and pricing will be obtained. D.Sheehan has advised that if there is additional funds left over at the end of the project and there are graphics that still need to be done the graphics can be added at that time. • The basketball court was requested to be duplicating the Middle School basketball court by D.Pignone with a darker stain within the 3 point line and the lighter stain within the key.

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		<ul style="list-style-type: none"> • The center logo on the basketball court should match what is at Central Middle School. Perkins&Will will provide a couple of options of the Spartan head logo for center court to be presented for opinions and decision-making for the next meeting. For January 2024 SBC Meeting: <ul style="list-style-type: none"> ○ Center Court Logo Options <ul style="list-style-type: none"> ▪ Blue Spartan Head with Blue Circle Surrounding ○ Meander Pattern Survey Findings ○ PreK Graphics Update ○ Graphics Pricing
76.5	Record	<p>FF&E Schedule and Budget Update</p> <ul style="list-style-type: none"> • A.White provides update of original FF&E budget of \$1,251,000 with additional funds provided at the January 2023 Special Town Meeting in the amount of \$1,675,000 bringing the updated FF&E Budget to \$2,926,000. • Perkins&Will has met with the School Staff and Students in User Group Meetings, Working Group Meetings, Procurement Meetings before the Furniture Fair where FF&E were able to be tested and selected by staff and students for the future procurement stage. • Currently tracking soft costs of \$230,800 over (including contingency) and hard costs of \$84,534 over but continuing to work with SHS on reductions to get back to the Value Engineering target. • There are about \$11,242 in potential future FF&E purchase costs that would like to be put back in which would be items for physics, ceramics, and video production. • Currently working on the budgeting process and on the estimate to bring it into alignment while working on specifications and procurement right now. • A.White displayed the pictures from the furniture fair that was in the existing SHS library, testing out the furniture, all of the boxes with all of the finishes in them that were reviewed by the Interiors Working Group and making the selections of the colors. Making the selections of the items and currently overbudget by \$84,500. • In January 2024, Perkins&Will will be moving forward with their specifications, finalizing equipment, obtain official furniture quotes through MHEC and CPP, furniture recommendations will be made to the School Building Committee at the January 2024 meeting before the Town of Stoneham issues its Purchase Orders. Equipment will be specified in February/March 2024, official quotes will be obtained for the equipment bid package through MHEC and CPP and those that are not on State contract, recommendations will be made to the School Building Committee at the February / March School Building Committee Meeting before the Purchase Orders are issued by the Town to the respective vendors for the equipment. • A.White advised that the budget costs seem to be leveling off which is optimistic and K.Martin and A.White have worked diligently to get the budget trimmed to a point where it is closest to the budgeted amount after the FF&E funding increase from Town Meeting in January 2023.

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		<ul style="list-style-type: none"> • CPP works with certain manufacturers on the list and negotiates rates. If the selected items that have been chosen are on the CPP list, Perkins&Will has been trying to get those items off the CPP list. The amounts on the CPP list are consistent and better known and Perkins&Will has built in a little buffer in the event there is some need for contingency. The amounts are expected to come in a little lower than what A.White of Perkins&Will has in her estimate and B. Trivas reminded that this is based on thousands of items. • B.Trivas advised that to reduce the overage of \$84,500 there would need to be cuts made that Perkins&Will is in no position to go ahead and make for staff and student use. B. Trivas proposed that approval be made for the FF&E budget overage of \$84,500 with the hope that when the purchases are actually made there will be money left over that will not need to be used. J.Leduc advised that she has worked with K.Martin, B.Trivas, A.White, Facilities and Athletics Departments and some of the teachers to try and pare down the list and advised that K.Martin and A.White have gone through every means possible to reduce any duplications and additional costs in every manner that could possibly be done to bring the budget for FF&E in line. • A.Martin advised that in the next month purchase orders will be done for the FF&E for furniture and the status of the budget status will be better known to approach the purchase orders for equipment quantities with reduced quantities, if needed, to bring within budget. D.Bois advised that it is best to get the items ordered and the SBC will work out the details of the funding of the overage, if any, after the dust has settled.
76.6	Record	<p>Field Options</p> <p>B.Trivas advised that the presentation is to discuss the Northwest Field, Mid Field and the Main Stadium and particular elements that will be reviewed and presented with David Warner and Ti Johnson of Warner Larson.</p> <p>For the Main Stadium, the Contract has Blue track and Turf Field no color.</p> <ol style="list-style-type: none"> 1. Blue track with white STONEHAM/SPARTANS letters: \$38,650 2. Black track with blue turf endzone, white STONEHAM/SPARTANS letters (\$25,000) Credit from Blue to Black / Add after credit is \$18,650 3. 12" wide football perimeter (\$TBD) 4. Solid white team area both sides of field (\$TBD) <ul style="list-style-type: none"> • Spartan logo at stadium field (two options "S" or Spartan) \$12,960 per field • Northwest / Mid Field "S" logo \$12,960 per field • Permanent markings for 1 additional sport on 3 fields (Main, Northwest, Mid Fields) <ul style="list-style-type: none"> ○ Northwest Field: Girls Lacrosse \$12,350 ○ Middle Field: Boys Lacrosse \$10,375 ○ Stadium: Field Hockey \$12,350 Soccer Change to solid lines: \$11,800 • S.lovanni asked if the color of the blue track is paint of imbedded material. <i>J.Leduc confirmed that it is imbedded material not painted surface to make the track blue.</i> • S.lovanni asked if the blue and black imbedded materials would wear over time and it was advised affirmatively that it would show wear and use. <i>K.Yanacopolus advised that the track would need to be resurfaced every so many years as part of a regular maintenance program.</i>

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		<ul style="list-style-type: none">• S.Iovanni asked if it is more costly to refurbish a blue track versus a black track. <i>There is no difference in cost known.</i>• D.Pignone asked B.Trivas if the project did not own Field Hockey lines on the field and tick lines for Soccer as the Powerpoint slide shows there is pricing for these lines. <i>D.Warner and B.Trivas advised that the Contract documents owned the Football lines and the Soccer lines but not the Field Hockey lines. The Field Hockey lines will need to be added in the Stadium.</i>• D.Pignone advised that the Soccer lines are the ones that are extra as Field Hockey will be played every day in the Stadium. D.Pignone advised that the original ask for the Stadium was to have solid football lines and solid Field Hockey lines and Soccer was going to be ticks. D.Pignone advised that the ticks were just asked to be made into solid lines for Soccer.• D.Pignone advised that in the Northwest and Mid Field, one was to be Boys' Lacrosse / Soccer and the other was to be Girls' Lacrosse / Soccer. D.Pignone instructed that his athletic program would be restrained if the fields were only lined to have one be a Boys' Lacrosse and the other be a Girls' Lacrosse field so he added a line to each so that each could be both Lacrosse and Soccer.• In addition, D.Pignone asked for the logo to be placed on the fields so that everyone could feel unified and equal across all of the playing fields. Logo on the Northwest and Mid Field decision needs to be made by the SSBC.<ul style="list-style-type: none">○ <i>D.Gove advised the preference to keep the blue track than keep the logos on the Northwest and Mid Fields.</i>○ <i>N.Nial advised that it is more important to have the sports lines as D.Pignone requested on the fields than placing the logos on the fields.</i>○ <i>D.Bois advised that he did not see the logos on the fields as being able to be easily seen from the sidelines of the Northwest and Mid Field compared to how the Stadium with the bleachers would be able to view the logos in the center of the field from a more aerial viewpoint.</i>○ <i>B.Trivas understands confirms as follows:</i><ul style="list-style-type: none">▪ <i>the asks from D.Pignone regarding the lines and will make sure these are carried out as requested;</i>▪ <i>Instruction to not proceed with the Northwest and Mid Fields center field logo;</i>▪ <i>There will be a logo in the center of the Stadium. Clarification needed regarding the main Stadium logo "S" or the Spartan;</i>▪ <i>For the main Stadium, there will be a blue track;</i>▪ <i>There will not be blue endzones for football as it may impede other sports. D.Pignone advised that blue track and blue endzones is too much blue. It would just be "Stoneham" and "Spartans" written in white lettering with no blue background. S.O'Neill asked if it could be white lettering with blue outline as an option. S.O'Neill advised that the Stadium is going to be the centerpiece of the school and there should be effort to keep important attributes in the Stadium that are going to enhance it as the center of attention instead of</i>

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		<p><i>eliminating them out. Pricing needed for white letters option and white letters with blue outline option.</i></p> <ul style="list-style-type: none"> ▪ 12" wide football perimeter, no price currently, per J.Leduc. Identifies the coach and player areas; ▪ Solid white team areas, team and visitor areas, no price currently, per J.Leduc. Identifies the coach and player areas and is not a top priority for D.Pignone. <ul style="list-style-type: none"> • S.O'Neil asked T.Johnson of Warner Larson regarding the team areas along the sides of the field and the cost implications of the turf construction. <i>T.Johnson advised that the tufted fiber white coach and team areas along the side lines are not something that is going to have great cost implications based on it being thick or thinly inlaid.</i> ▪ S.O'Neill advised of the potential option to alternate the shades of green turf every 10 yards to help dress up the turf. <i>T.Johnson of Warner Larson did not recall if that was mentioned as a possibility during design and worthwhile considering but is more football-centric vs. other sports. There may be some minimal cost impacts.</i> • B.Trivas advised that pricing for all of the items will be brought to the January 22, 2024 SSBC Meeting for voting. D.Bois requested that this be brought as 1 comprehensive drawing and not in pieces so that the pricing can be visualized easily to make decisions.
76.7	Record	<p>Amphitheatre and Visitor's Seating Update</p> <p>T.McCabe reviewed the 4 Options for Amphitheatre and Visitor's Seating presented at the August 21, 2023 School Building Committee Meeting that were priced out that were Stone Veneer and Option D with a large amphitheater for 160 people and Visitor's Seating for 200 people that was estimated to be just under \$690,000.</p> <p>A more detailed concept was developed by Warner Larson and Perkins&Will and released in their Design/Programming Meeting of October 4, 2023 and Consigli had the concept priced with 4-5 of their subcontractors and it came back at an estimated \$806,500 which is a delta of \$119,000 above the \$687,000 that was previously estimated.</p> <p>Some decisions need to be made to move this forward and the money right now is with the stone walls.</p> <ul style="list-style-type: none"> ▪ Amphitheater <ul style="list-style-type: none"> ▪ Approved funding via grant = \$300,000 ▪ Amphitheater per seat cost \$2,500 ▪ Reduction of seating from 160 to 120 ▪ 120 seats x \$2,500 per seat = \$300,000 ▪ Visitor's Seating <ul style="list-style-type: none"> ▪ Approved Funding via Alternate 5 = \$200,000 ▪ Visitors Seating area per seat cost = \$2,033 ▪ Reduction of seating from 200 to 100 ▪ 100 seats x \$2,033 = \$203,300

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		<ul style="list-style-type: none"> ▪ 2' per seat <p>Options: More economical to get rid of a whole row or cut the ends of rows. More usable space if the runs are shortened. SSBC having difficulty removing seating scope for amphitheater and visitor's seating after planning. Some proposed using the funds cut out to fund the updates to the stadium and fields. Pending review of the Budget Summary with J.Leduc and getting the MSBA Funding Update from D.Sheehan. Going forward J.Leduc has been asked to start with the Budget Summary so the SSBC is aware of the current state of project budget affairs.</p>
76.8	Record	<p>Budget Summary</p> <p>Forecasted Costs in the amount of \$2,907,380 consist of Consigli Change Request costs to be vetted by SMMA and P&W. VE log items that K.Lyons has been looking at as potentially items that could be added back into the project are also added into this number. K.Lyons will be discussing this under a separate agenda item. There is about \$6M left in Contingency with Amphitheatre, additional money for branding covered, FFE overrun, Culinary cabinetry, sports logos on all 3 fields, overrun for the entire amount of the amphitheater, additional field striping, endzone graphics, credit for changing the blue track to black track, gates with Opti-Con System and Fire Chief, increase to the stadium building footprint, additional storage on the third floor of the SHS building for facilities, storage units for facilities and athletics for equipment, changing the fields from seed to sod, added lighting in the video production area that was not accounted for and FF&E items that were "nice to have". If all of the aforementioned items were accepted as changes, there would still be \$6M remaining in Contingency however some of the items still remain as pending until the SSBC decides.</p> <ul style="list-style-type: none"> ▪ S.O'Neill asked if there will be additional bleacher seating added above the stadium storage area and potentially be used as visitor's seating. <i>B.Trivas advised that Perkins&Will was not given that direction to provide or design for additional seating capacity in the bleachers above the storage in the stadium. B.Trivas advised that it could be done to be commensurate with the building. J.Leduc advised that it is not being pursued because the bumpout would result in an outcome that is not symmetrical to the football field.</i> ▪ S.Iovanni asked if the project is seeing any relief in terms of cost for the remainder of the building or are the costs anticipated to be more than projected at this point? <i>T.McCabe advised that most of the materials and contracts have already been under contract.</i> ▪ S.Iovanni asked what about the switchgear? <i>T.McCabe advised that it is still on schedule for February 15, 2024.</i> <p>D.Sheehan advised the SSBC that he and J.Leduc met with the MSBA regarding the status of the Bid Project Funding Agreement Amendment No. 1 and its processing in addition to the Additional Funding the would be coming forth through the Bills put forth by Senator Jason Lewis for the school building project. It was advised that the Town of Stoneham would obtain the benefit of the Bill through the MSBA with the Town's reimbursement rate being increased resulting in the individual Stoneham homeowner/taxpayer paying less and the project would need to go back to Town Meeting to get more funding if necessary for the project and that would be processed all at once as the MSBA processes the Project Funding Amendment for the project. J.Leduc advised that the MSBA will be processing Bid Project Funding Agreement Amendment No. 1 and Bid Project Funding Agreement Amendment No.</p>

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		<p>2 simultaneously resulting in the School Committee and Dennis Sheehan signing and then it will need to be entered into the Budget and the MSBA Budget in their MSBA's Portal.</p> <p>D.Sheehan advised this update was important to advise the rest of the SSBC at this time in the anticipation of the potential receipt of funds to be used towards items that were previously value engineered out of the project and being reconsidered to be put back into the project. J.Leduc advised that the funding would need to be distributed through Town Meeting at the Town government level in order for the project to receive more funding. J.Leduc advised that the Project still has \$6M remaining and Consigli still has just under \$3M in their Contingency.</p> <p>D.Bois advised that the majority of the risk has already been dealt with and the only remaining to be worked through are the demolition of the existing SHS building and any potential hazardous material that may exist and the remaining sitework in Phase II. D.Bois encourages everyone to take another tour of the new school soon because the school is going to be beautiful and the project is at a really good place right now.</p> <ul style="list-style-type: none"> ▪ N.Nial asked if Stoneham will be receiving \$6.8M? <i>J.Leduc advised that it is unknown how much Stoneham will be receiving but when the Town received the Bid Project Funding Agreement Amendment No. 2 it will show all of the amounts defined and it will be more clearly differentiated.</i> ▪ N.Nial asked if Stoneham can go back to use the ARPA funds that were returned to the Town? <i>D.Sheehan will need to answer this question.</i>
76.9	Record	<p>Approval of Invoices and Commitments</p> <ul style="list-style-type: none"> • Warrant No. 49 J.Leduc reviewed Warrant No. 49, attached. Sustainable Energy Advantage, District's PPA Consultant, Invoice No. 6275 In the amount of \$80.25; Perkins & Will Architects Invoice No. 0205120 for Construction Administration Services in the amount of \$ 123,025.00; Perkins & Will Architects Invoice No. 0205120 related to Designer Amendment 18 in the amount of \$1,234.75; Perkins & Will Architects Invoice No. 0205120 related to Designer Amendment 21 in the amount of \$2,491.56; SMMA Invoice No. 60499 in the amount of \$99,500.00; SMMA Invoice No. 60499 in the amount of \$18,180.80 for OPM Amendment No. 4; Consigli Construction Co.'s Requisition No. 17 in the amount of \$ 6,700,919.68. <ul style="list-style-type: none"> • D. Gove representing the Finance Working Group presented the recommendation for approval of Warrant No. 49 as presented in the full amount of \$6,945,432.04. • A motion was made by D.Gove and seconded by S.Iovanni to approve Warrant No. 49. All in favor, motion passed. • Change Order No. 24 S.Messinger reviewed Change Order No. 24 in the amount of \$ 13,358.80, attached. S.Messinger reviewed and summarized the description of Budget Transfer: BT-025 Beam Support @Gridline 14.5 (CCD-006) for \$4,902.30; Change Requests: CR-116 Misc Metals Framing Revisions (PR-066) for -\$21,572.18; CR-128 Parapet Framing Modifications (PR-059) for \$5,169.49; CR-144 Catwalk Stair & F13 Attachment (PR-080) for \$3,702.92; CR-176 Bench Support Plates (PR-105) for \$1,193.35; CR-178 FX1 Light Fixture Conflict w Steel (RFI-390) for \$7,737.91; CR-180 WAP and AV Data Coordination (PR-103) for \$8,484.63; CR-183 Soffits for Coordination (PR-110) for \$5,452.74; CR-184 Aisle Lighting

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		<p>Drivers for Auditorium Seating (RFI-433) for \$ 832.22; CR-195 PreK Classroom Casework Doors (CCD-008) for \$ 2,357.72; Contingency Transfers: CT-045 Premium Time (September 2023) for \$12,381.51; CT-048 Deck Repair @Gridline 1 on Roof (RFI-331) for \$20,396.03; CT-056 Premium Time (October 2023) for \$8,286.89; CT-057 Arbor Pit Access Hatch (Unprocured Scope) for \$6,826.37; CT-062 Ice Machine (Unprocured Scope) for \$7,410.57; CT-053 Premium Time (November 2023) for \$22,069.11; CT-064 Louver Stamped Calcs for \$5,000.00.</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. 24 as presented in the amount of \$13,358.80. • A motion made by D.Gove and seconded by R.Parker to approve Change Order No. 24. All in favor, motion passed.
76.10	Record	<p>Budget and Schedule Update</p> <p>Schedule Update</p> <p>T.McCabe provided the updates relating to the Schedule Delays and Impacts with July 19, 2024 from June 28, 2024 (3 weeks) for the Completion of the Classroom Building (3 weeks); August 27, 2024 for the Auditorium/Spartan Place Building (5 weeks). Last month, it was addressed that there was a 3-week impact pushing the Completion of the Classroom Building to July 19, 2024 from June 28, 2024. Auditorium Building was being tracked as August 27, 2024, an additional 5 weeks, still within the summer time but much later than desired. Some of the action items that have been pursued is a Schedule Summit with the Subcontractors for Acceleration Opportunities, CCC committed to the Addition of a Superintendent, Development of a Recovery Schedule, Strategic Acceleration Opportunities, and Review of Phased Building Turnover Ideas.</p> <p>Interior Milestones</p> <ul style="list-style-type: none"> ▪ Installation of Ceiling Grid for Areas B/C: January 24, 2024 ▪ Installation of Flooring of Areas B/C: February 7-March 11, 2024 ▪ Installation of Gym Flooring: April 5 – May 10, 2024 <p>Exterior Milestones</p> <ul style="list-style-type: none"> ▪ Roof Complete: January 24, 2024 ▪ Window Installation: January 24 – April 24, 2024 ▪ Masonry Completion: April 15, 2024 ▪ Hardscape/Landscape: May 15 – June 30, 2024 <p>Classroom Building Completion: July 19, 2024</p> <p><i>Tours will be looking good to be starting in February as the finishing touches are starting to be placed into the building. Some of the classrooms are getting ready for paint and the building is getting to be much more than just a skeleton, Area D, that is seen from the street when the Auditorium Building is seen full of steel.</i></p> <p><i>Through the sequencing, the Auditorium/Spartan Place Building D is due to be complete July 31, 2024 which was improved by 4-weeks. Consigli will continue to look at ways to improve upon this.</i></p>

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		<p>Interior Milestones</p> <ul style="list-style-type: none"> ▪ Spartan Place Slab Installation: December 17, 2023 ▪ Dance Floor: February 7 – April 11, 2024 ▪ Acoustical Wall/Millwork: April 15 – May 5, 2024 ▪ Auditorium Floor Installation: May 15 – May 31, 2024 ▪ Auditorium Seat Installation: June 1 – June 15, 2024 <p>Exterior Milestones</p> <ul style="list-style-type: none"> ▪ Roof Complete: February 5, 2024 ▪ Masonry Completion: February 15 – April 24, 2024 ▪ Curtainwall Installation: April 24 – May 24, 2024 ▪ Metal Panel Installation: May 1 – June 15, 2024 <p>Good progress on this recovery schedule and will need to work closely with the subcontractors and accelerate by working weekends where possible.</p>
76.10	Record	<p>Budget and Schedule Update</p> <ul style="list-style-type: none"> • Value Management Log – Schematic Design - Design Development of 2021 - 60% CDs of 2022 <p>K.Lyons of Consigli and M.Bouchard of SMMA performed an analysis of the Value Management Logs from Design Development in 2021 through 60% Construction Documents in 2022 to cull out those facets of the project that had the potential of being brought back into the project, provided a cost and schedule impact, etc.</p> <p>The majority of them are from 60% Construction Documents and the most recent ones identified:</p> <ul style="list-style-type: none"> ▪ PreK Playground – Rubber Safety Surface ▪ Add Back the Nets at the Spartan Place Endzones – 20’ nets ▪ Cast-In-Place Retaining Walls around the Stadium Building ▪ Replace the Plantings that were Reduced Twice ▪ Asphalt Sidewalks change back to Concrete Sidewalks – Add back concrete for durability <p>M.Christie and D.Bois asked K.Lyons why granite curbs were greyed out? Is the project unable to add back in granite curbing? <i>K.Lyons advised that there were not many opportunities where curbing could be repurposed but there may be locations where granite curbing can be looked at for putting back into the project. S.Messinger advised that there also is about a year lead time on granite curbing which could be a factor in why the granite curbing was not factored back into the project. A.MacNeil advised that Consigli’s lead time is 6-8 months at this time for granite curbing. The Contract Documents has granite curbing in them currently so it is something that will be looked at for the salvaging and additional granite curbing. T.McCabe advised that it would need to determine where the granite curbing was added in the drawings and factor in where additional curbing would like to be added.</i></p> <p>Design Development</p> <ul style="list-style-type: none"> ▪ <i>Wall Tile in PreK area, Bathrooms at Wet Wall Height – Time and schedule sensitive item</i>

Item #	Action	Discussion
		<ul style="list-style-type: none"> ▪ Heat Recovery Units Control ▪ Traffic Signals at Stevens Street ▪ Prefabricated Dugouts ▪ Return Fencing back to 6' high ▪ Add back Soccer Nets ▪ Add back Café Seating/Furniture as part of Civil/Landscaping ▪ Add back Tree and Plantings that were reduced ▪ Add back precast benches and concrete sidewalks ▪ Add back the acoustic shells in the Auditorium theatre package that are moveable onstage <p>Schematic Design</p> <ul style="list-style-type: none"> ▪ Theatre Lighting and Controls – add back more flexibility and confirm with electrical subcontractor ▪ Overlook Deck on the South Side of the Stadium – Carpentry item that could be incorporated <p>The items in yellow are not included in the budget under risk. Time sensitive means that a decision needs to be made by the January 2024 meeting otherwise others will need to be made after further analysis for feasibility.</p> <p>S.lovanni wants to know what will be most likely able to be feasible to move forward without hesitation and what would need hesitation. List of items distributed to the Committee for evaluation prior to the meeting would be appreciated to obtain pricing and consideration for the potential of decisions to be made at the January 22, 2024 SSBC meeting.</p>
76.11	Record	<p>Construction Update</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 – November 8, 2023 • Drone Aerial – December 5, 2023 • Drone Aerial – December 5, 2023 South and East Elevation • Drone Aerial – December 5, 2023 South Elevation • Drone Aerial – December 5, 2023 – West Elevation • Drone Aerial – December 15, 2023 South Elevation • Auditorium Wing – December 15, 2023 • Auditorium – December 15, 2023 • Spartan Place – December 15, 2023 • Second Floor – December 15, 2023 <p>M.Christie asked R.Smith why there is no roof covering on that open section / portion of Area A? R.Smith answered it is not closed by the roof because it is the mechanical well. The air vapor barrier is sprayed, then the green girt insulation and plywood board is applied so that the membrane that wraps down has something to bond to. There is a lot of detailed work of cutting, fitting and going around it involved to get it done. The Area B Mechanical Well will be done and then Area A Mechanical Well will be next. One more Mechanical Well to be done in Area D.</p>

Item #	Action	Discussion
76.12	Record	<p>Move Services Update</p> <p>J.Leduc advised that the IFB for the Move Services is being finalized and is expected to be on the street the first week of January 2024 and bids submitted by the end of January. Once we have the Moving Contractor onboard, boxes can be delivered and staff can start packing.</p>
76.13	Record	<p>Subcommittee Updates</p> <p>Time Capsule Working Group</p> <ul style="list-style-type: none"> • M.Christie advised that J.Craigie is bringing the journals around to the various committees to populate the journals for placing into the time capsule. • M.Christie received the Varsity “S” Letter and the metal team award pins that accompany them, 2 uniforms: cheerleader and track jersey, photographs from the submission. • Working on interior and exterior time capsule locations. R.Smith has recommendation of 15” wide maximum width to go between brace beams. Placement locations will need to be decided at the January 2024 meeting.
76.14	Record	<p>Public Comment</p> <ul style="list-style-type: none"> • N.Nial asked if there might be an opportunity for members of the community to come into the high school and have a party/gathering to say farewell to the existing building before it has to be turned over. J.Leduc advised that between the Moving Services being complete and the Police and Fire Department utilizing the existing school for some training drills and Consigli taking possession of the building for demolition, this will need to be scheduled. Hopefully more information will be able to be provided at the January 2024 meeting with regards to schedule that can help make this possible. • 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. • M.Christie advised that she was asked about whether or not the project would be having benches dedicated as part of the project. • R.Parker is interested in discussing further fundraising or the idea of purchasing trees to be planted on the Stoneham High School campus and dedicated.
76.15	Record	<p>Next SSBC Meeting: Monday, January 22, 2024 at 7:00 pm</p>
76.16	Record	<p>A Motion was made by M.Christie and seconded by J. Thomson to adjourn.</p> <p>All in favor, motion passed unanimously.</p>

Attachments: Agenda, Meeting Minutes of 11/20/23, Warrant No. 49, Change Order No. 24, Value Engineering Log, Budget Update; Perkins&Will / WarnerLarson Presentation; Construction Update PowerPoint Presentation, Time Capsule Meeting Minutes.

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 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: 12/18/2023
 Time: 7:00pm
 Meeting No: 76

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	soneill@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 Yanacopolus	kyanacopolus@stonehamschools.org	Local Official responsible for Building Maintenance
	Dennis Sheehan	dsheehan@stoneham-ma.gov	Town Administrator / MCPPO Certified
	Leia DiLorenzo-Secor	lsecor@stonehamschools.org	Town Budget Director
	David Ljungberg	djungberg@stonehamschools.org	Superintendent of Schools
	Bryan Lombardi	blombardi@stonehamschools.org	Stoneham High School Principal
	Brian McNeil	bmccneil@stonehamschools.org	Facilities Director
	April Lanni	alanni@stoneham-ma.gov	Town Procurement Officer / MCPPO Certified
	Brooke Trivas	brooke.trivas@perkinswill.com	Perkins&Will Architects
Remote	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
	Kristy Lyons		

Agenda

Project:	New Stoneham High School	Project No.:	20033
Re:	School Building Committee Meeting	Meeting Date:	12/18/2023
Prepared by:	Julie Leduc	Meeting Time:	7:00 PM
Meeting Location:	Central Middle School Library & Remote Participation	Meeting No.:	76
Distribution:	Attendees (MF)		

1. Call to Order
2. Approval of Minutes
3. Design Updates
 - Environmental Educational Graphics Visioning Update
 - FFE and Technology Budget Update
 - Amphitheater Cost Discussion
4. Approval of Invoices and Commitments
 - Approval of Warrant No. 49
 - Approval of Change Order No. 24
5. Budget and Schedule Update
 - Construction Schedule Update
6. Construction Update
 - Construction Progress Activities
 - Move Services Status Update
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: **January 22, 2023**

Join: <https://meet.goto.com/592065597>

Dial: +1 (646) 749-3122 Access Code: 592-065-597

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

Meander Pattern with Hidden SHS

Exterior Fins

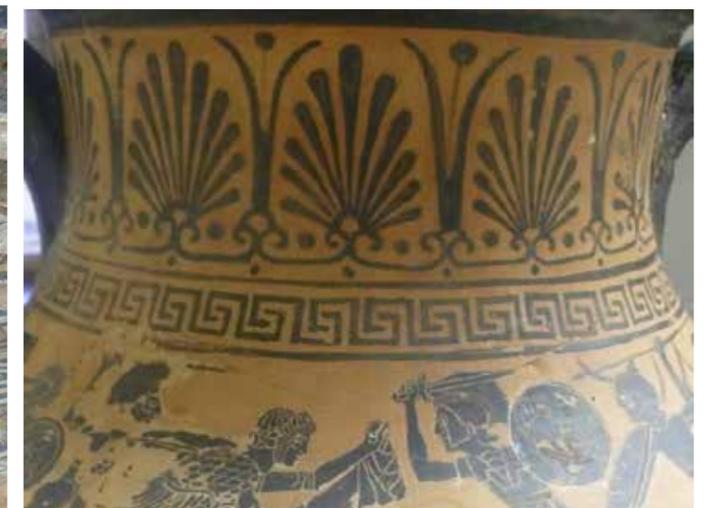
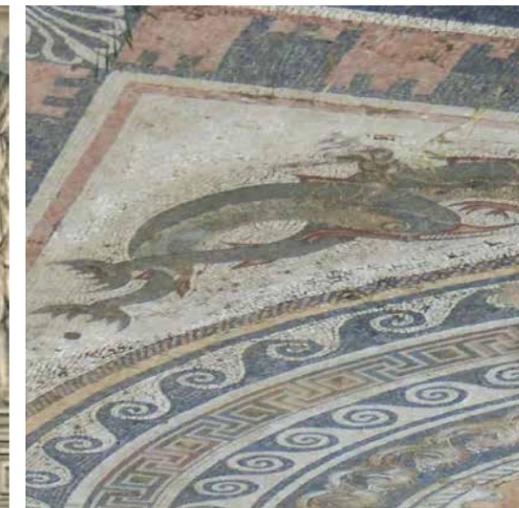
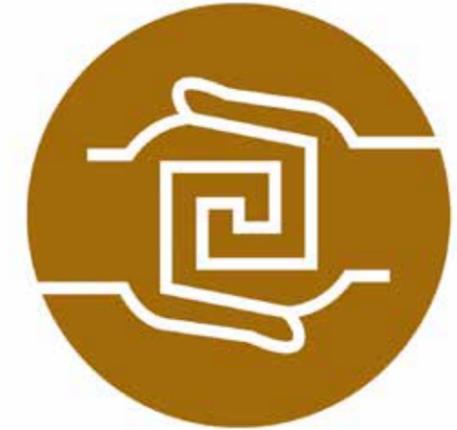
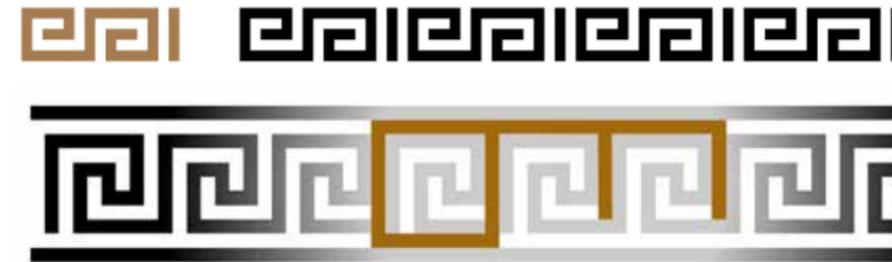
Athletics

Meander Pattern with Hidden SHS

Spartan History & Symbolism

Spartan / Odyssey

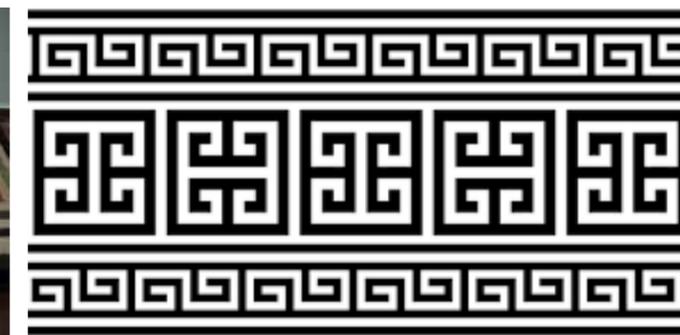
- a person of great **courage** and **self-discipline** marked by **simplicity**,
- **undaunted** by pain or danger
- behaves with immense **bravery**; who faced impossible odds
- was centered on **loyalty**
- the system emphasized **duty, discipline** and **endurance**
- No one soldier was considered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



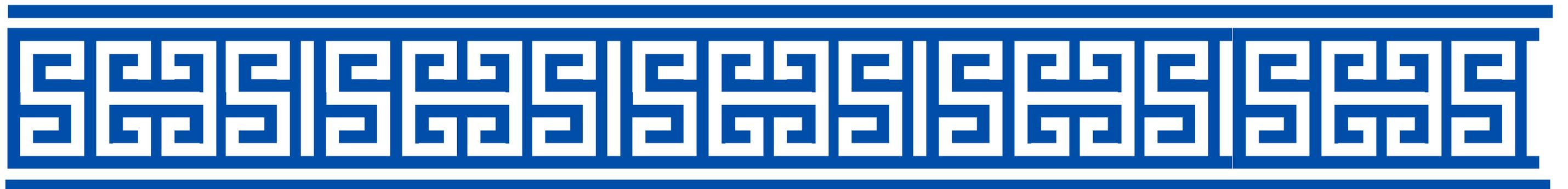
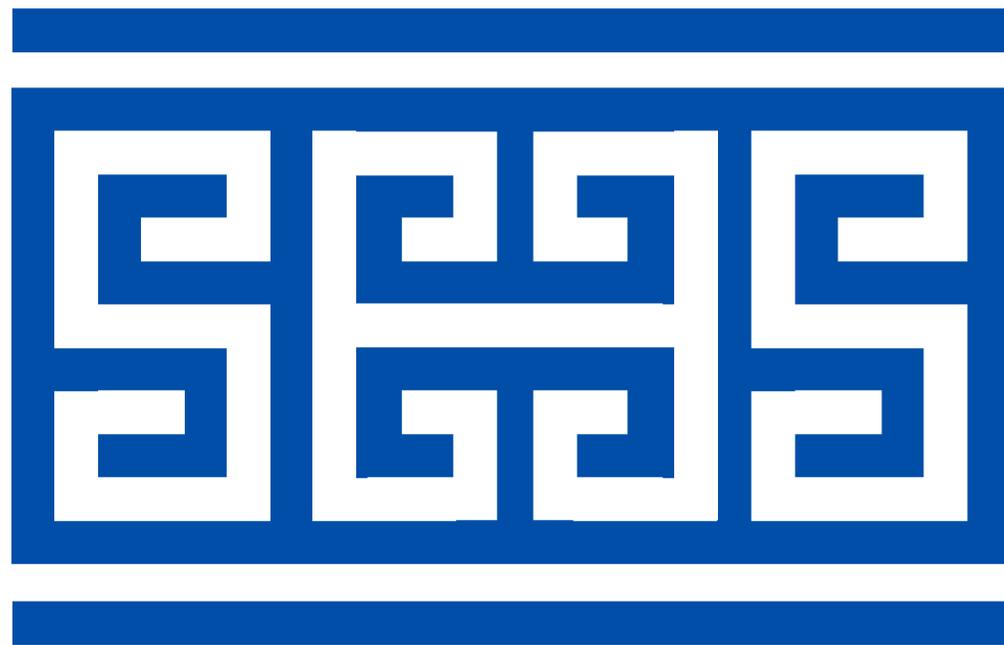
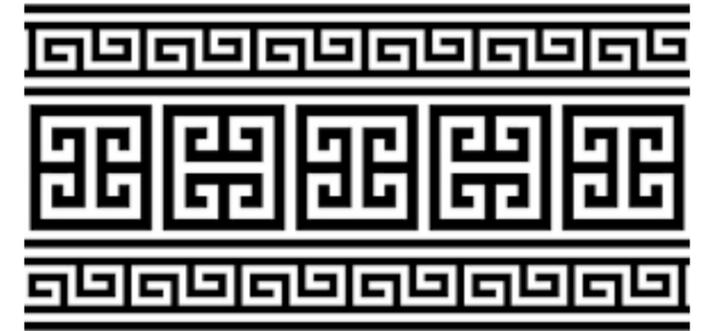
Greek Meander Key

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 Pattern (with Hidden SHS)



Exterior

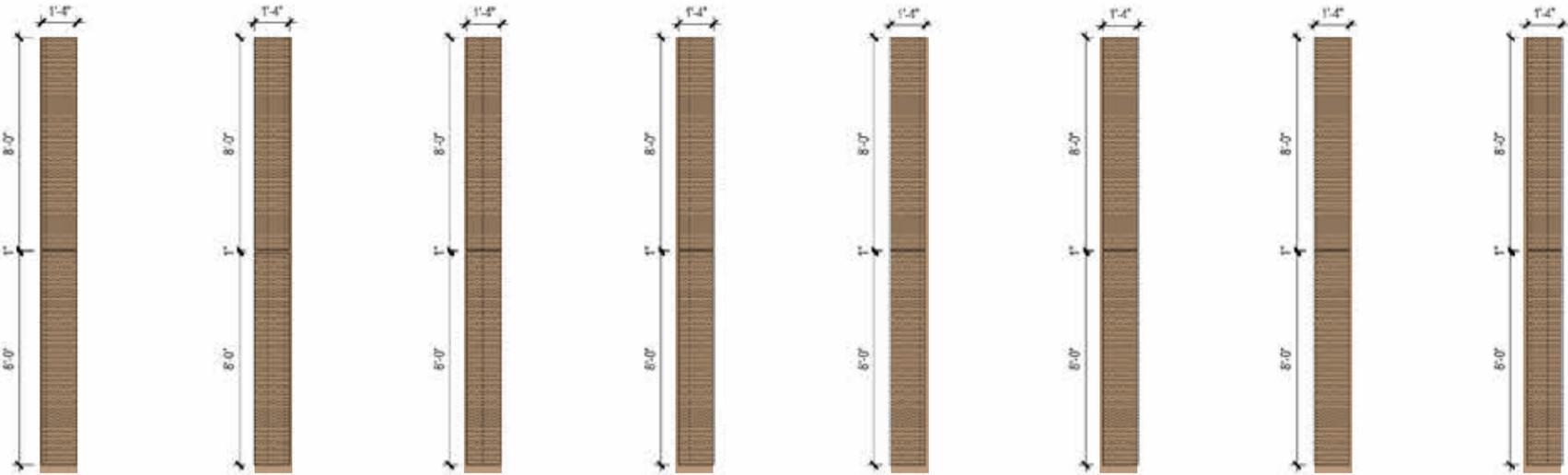


STONEHAM

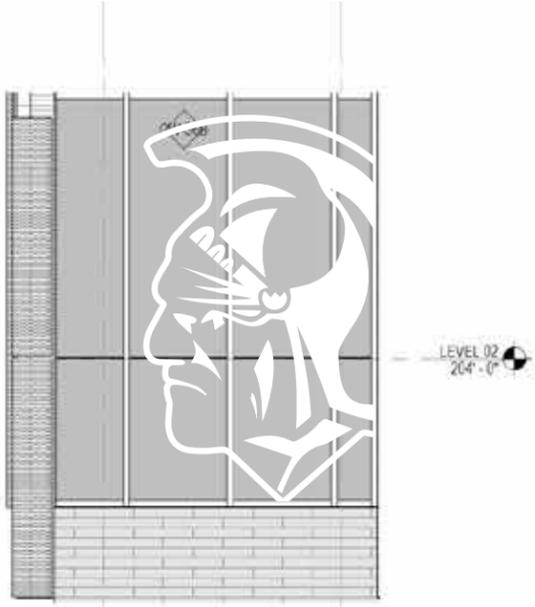
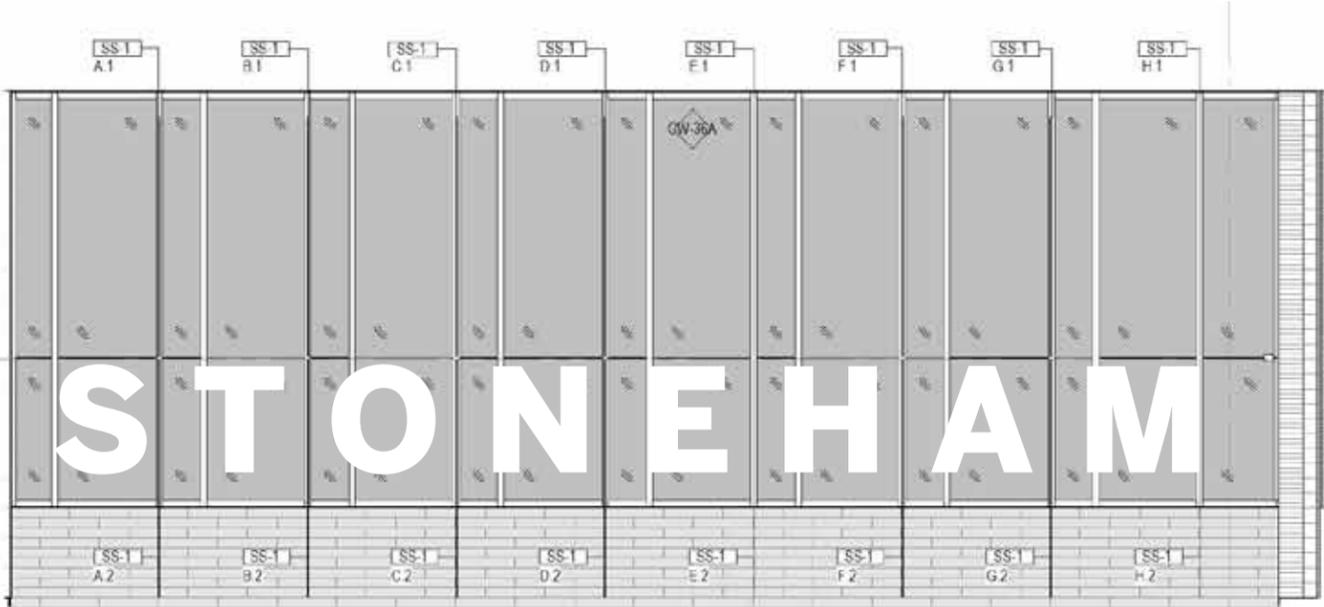


Spartan

23 Band room curtainwall (Waterjet Fins)



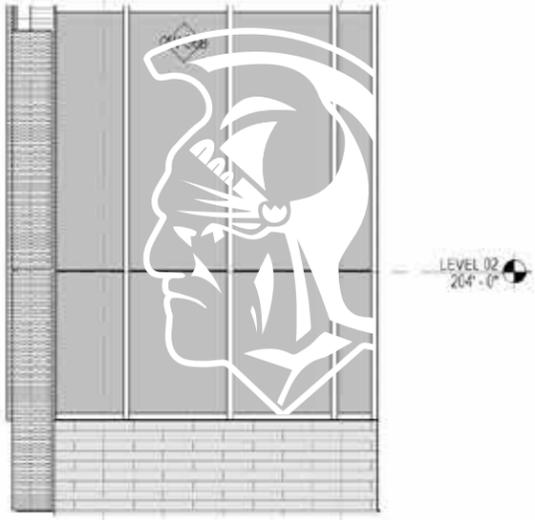
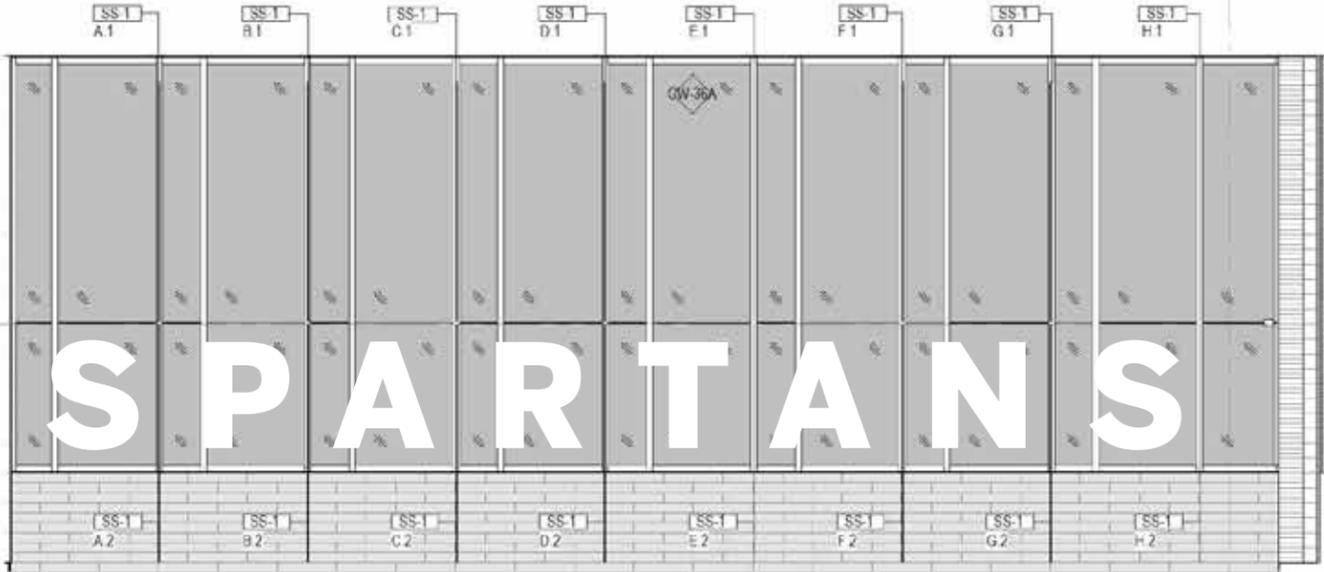
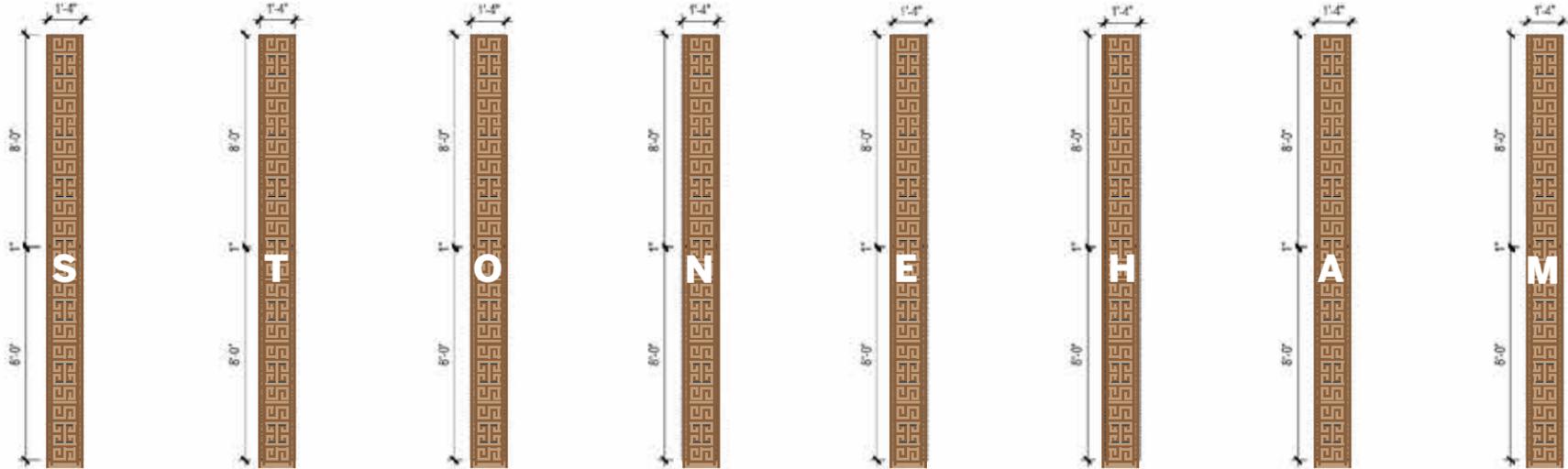
LEVEL 02





Spartan

23 Band room curtainwall (Waterjet Fins)





Athletics

Logo



Original Bitmap Logo



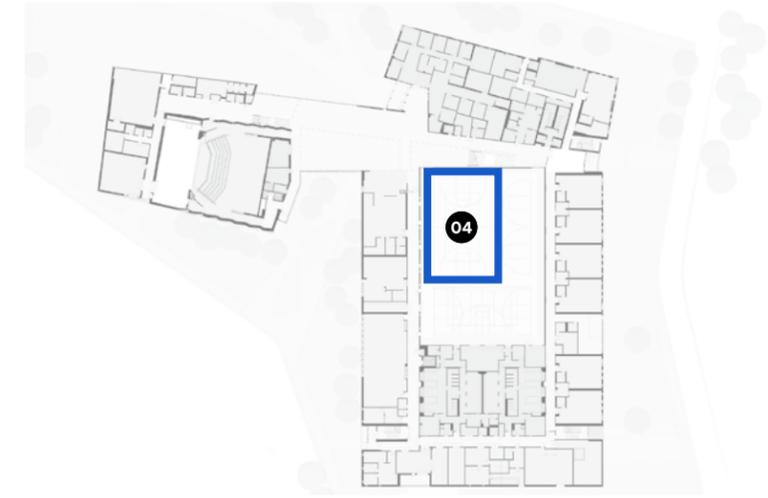
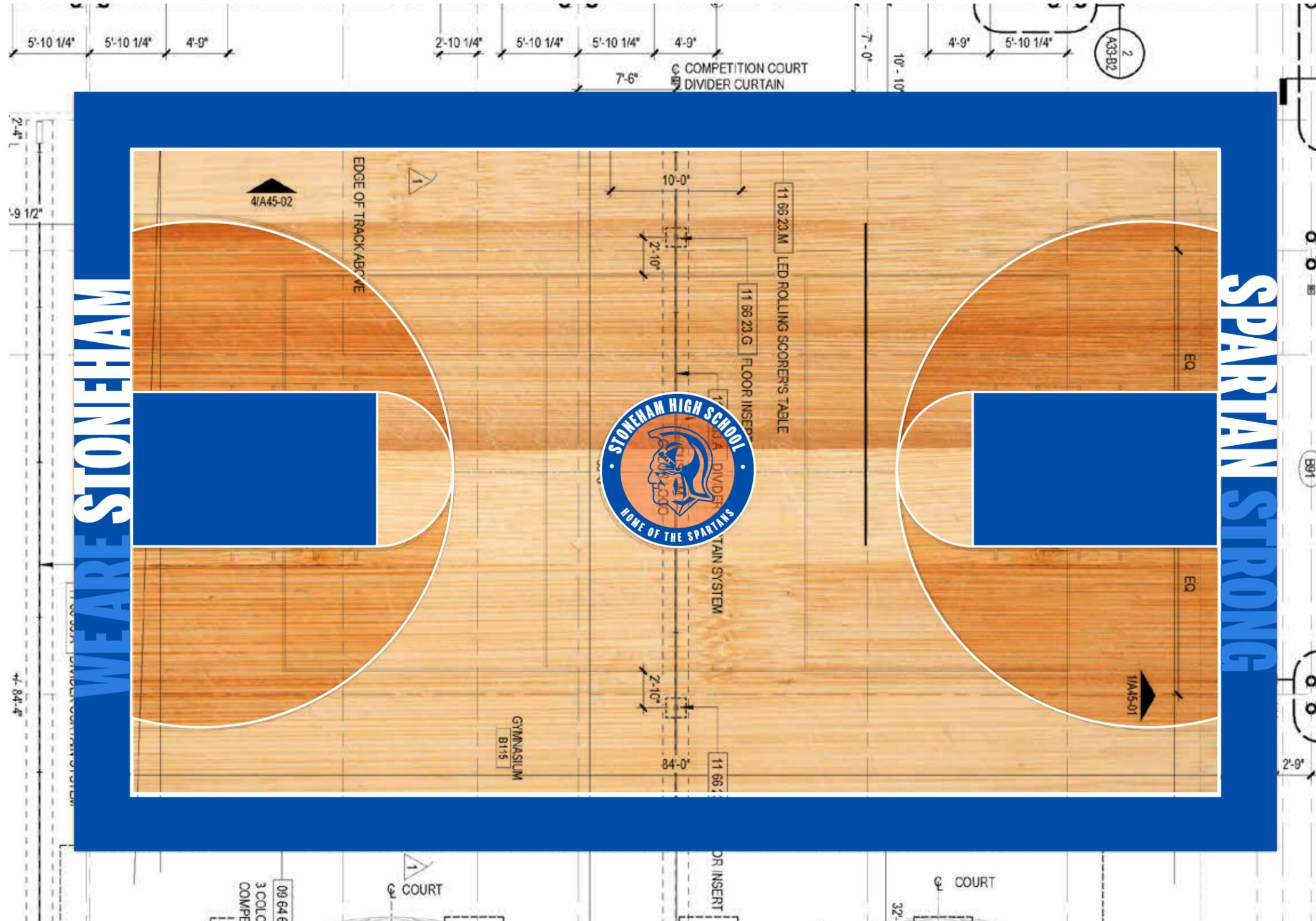
Traced Vectorized Logo



Inversed Color Logo

Athletics

04 Gym baseline floor graphics



LEVEL 01

Athletics

05 Gym bleacher graphics



LEVEL 01



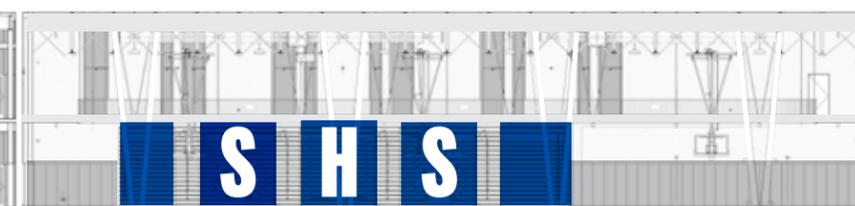
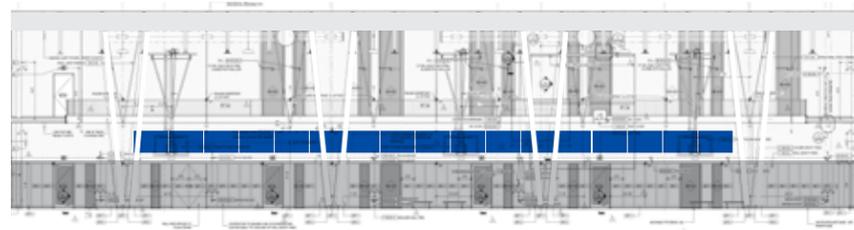
05 Gym bleacher graphics

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





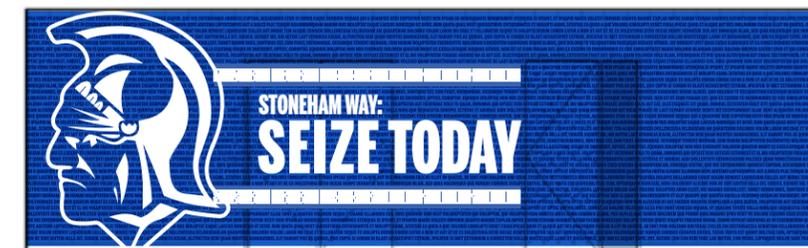
Future Expansion of Team Banners Along East Wall

Athletics

22 Athletic corridor at Athletic entrance (Film on Tile)



LEVEL 01



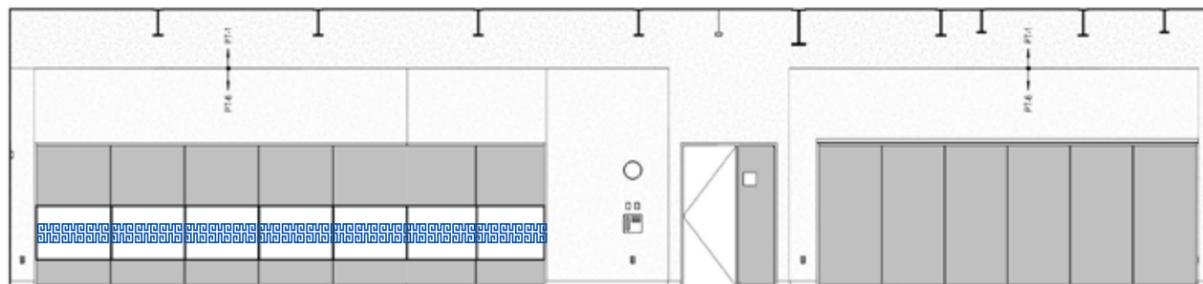
22 Athletic corridor at Athletic entrance (Film on Tile)

Athletics

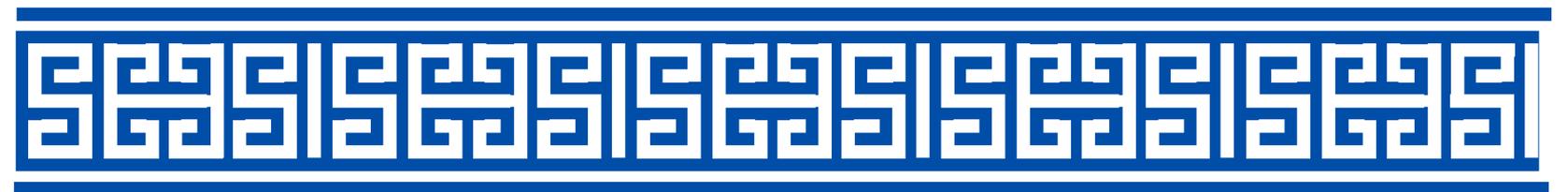
06 Alt PE



LEVEL 01

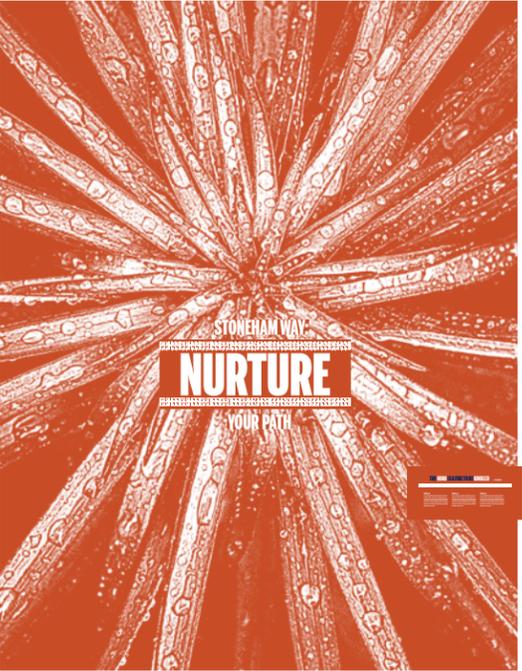
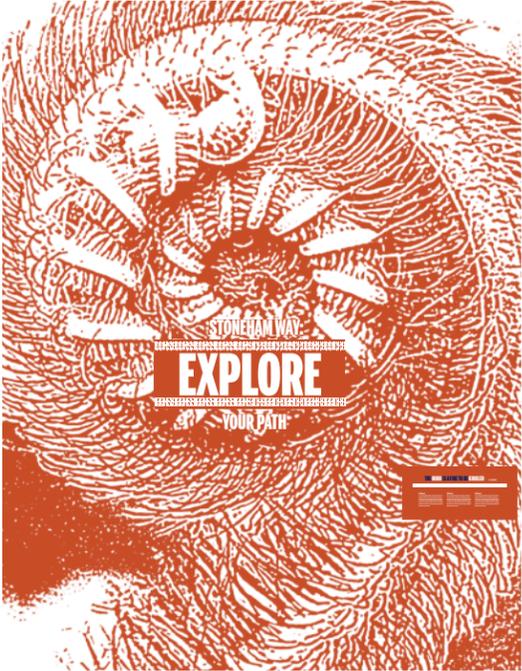
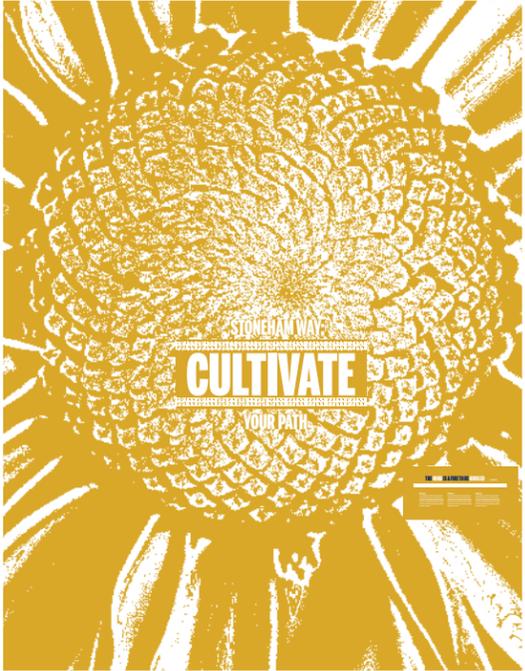
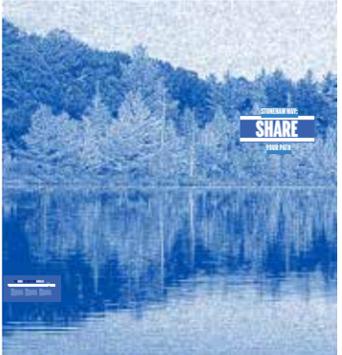
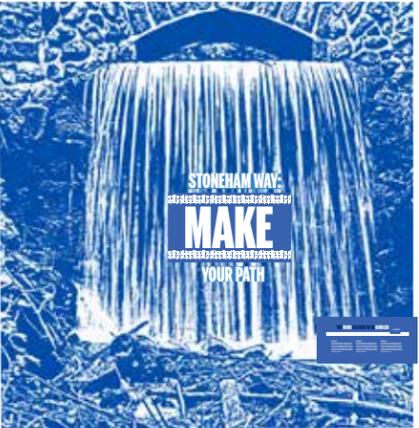
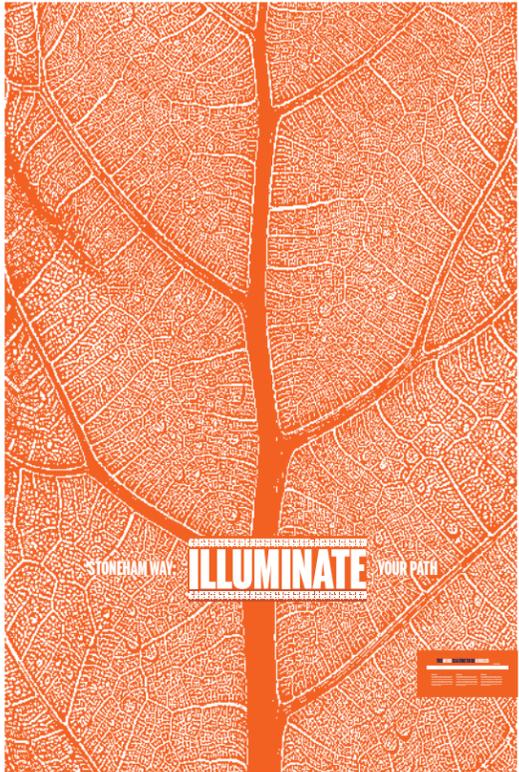


7 ALTPEB110-EAST
10'-10"



Appendix

Graphic System

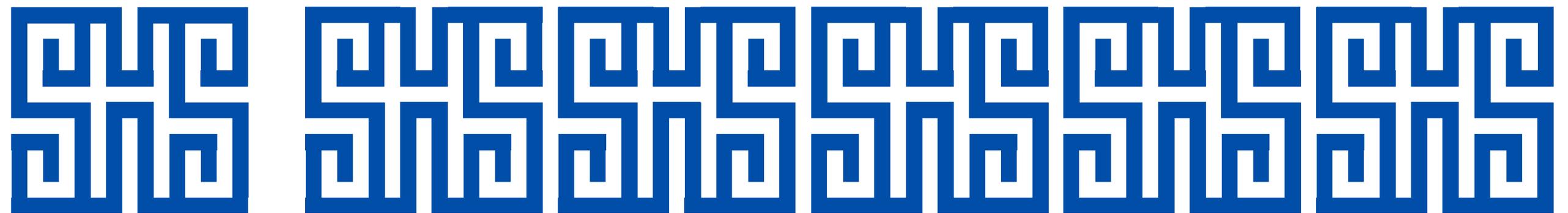
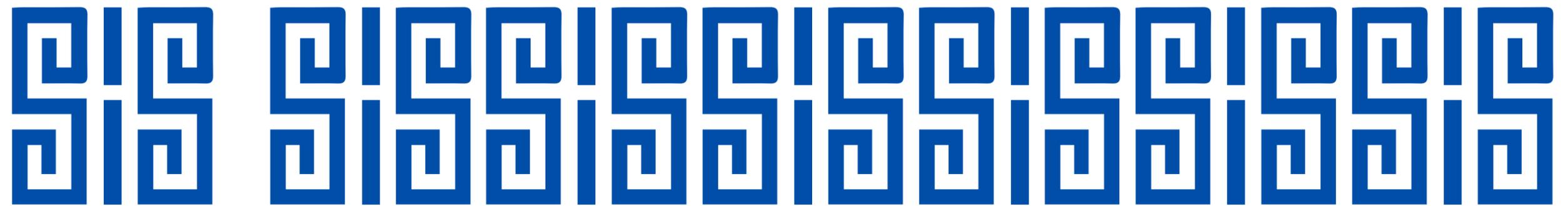
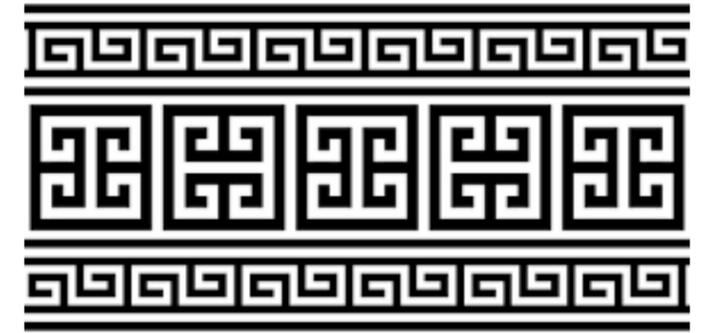


Graphic System



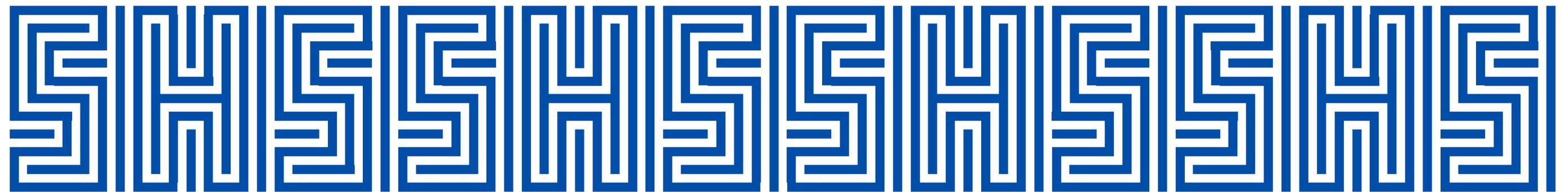
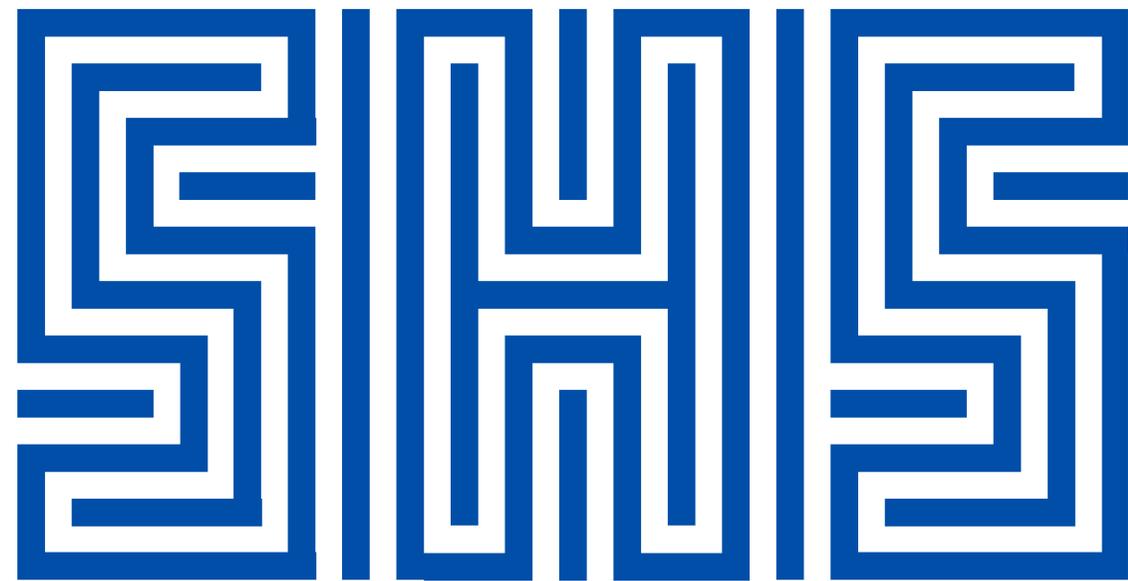
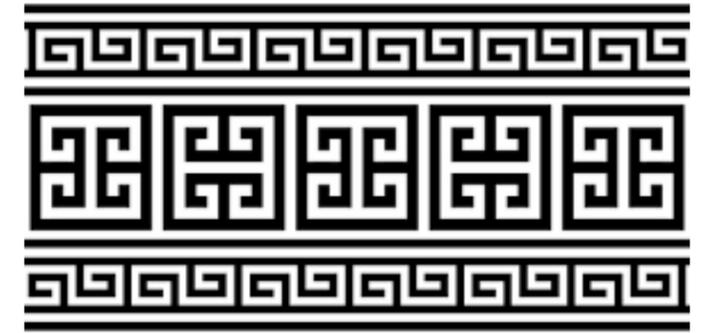
Meander Pattern (with Hidden SHS)

Original Studies



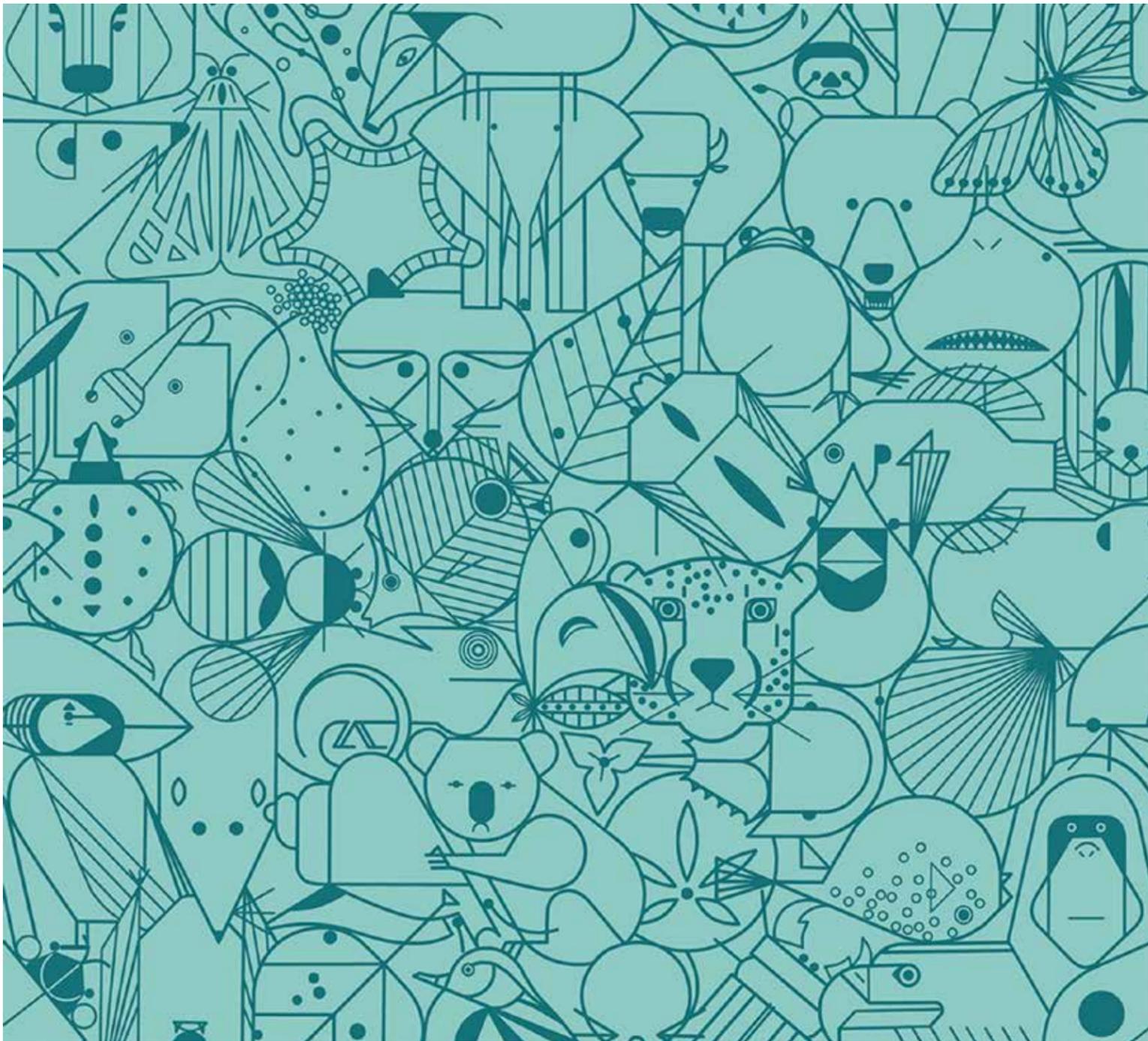
Meander Pattern (with Hidden SHS)

Alternate Study 1



PreK

Current PreK Patterns



Research

Impact of Environmental Graphics on Pediatrics

Why Real Photo Games in Early Childhood Education?

<https://blog.stageslearning.com/blog/why-real-photo-games-in-early-childhood-education>

The National Association for the Education of Young Children guidelines for developmentally appropriate practice suggest that, particularly for 3 – 4 year olds, the use of materials with **real pictures**, rather than illustrations, will spark a child's interest in discovery and in learning more about the world around them.

The Physiological Impact of Window Murals on Pediatric Patients

<https://pubmed.ncbi.nlm.nih.gov/30309256/>

Patients in the rooms with murals were found to have improvements in heart rate and systolic blood pressure in comparison to patients in control rooms, suggesting that the **murals had an impact on physiological processes**. Data also suggest that subject matter played a role, as patients in tree murals rooms had the most health-related outcomes.

The role of environmental print in emergent literacy

https://www.researchgate.net/publication/258134616_The_role_of_environmental_print_in_emergent_literacy

It is recommended that parents and early childhood educators capitalize on children's **natural attraction to environmental print** by using it to promote their literacy development.

Moreover, environmental print is seen as more relevant for the development of **context-based (logographic) reading** and emergent literacy skills in young children than for conventional reading skills in older children

Filling hospitals with art reduces patient stress, anxiety and pain

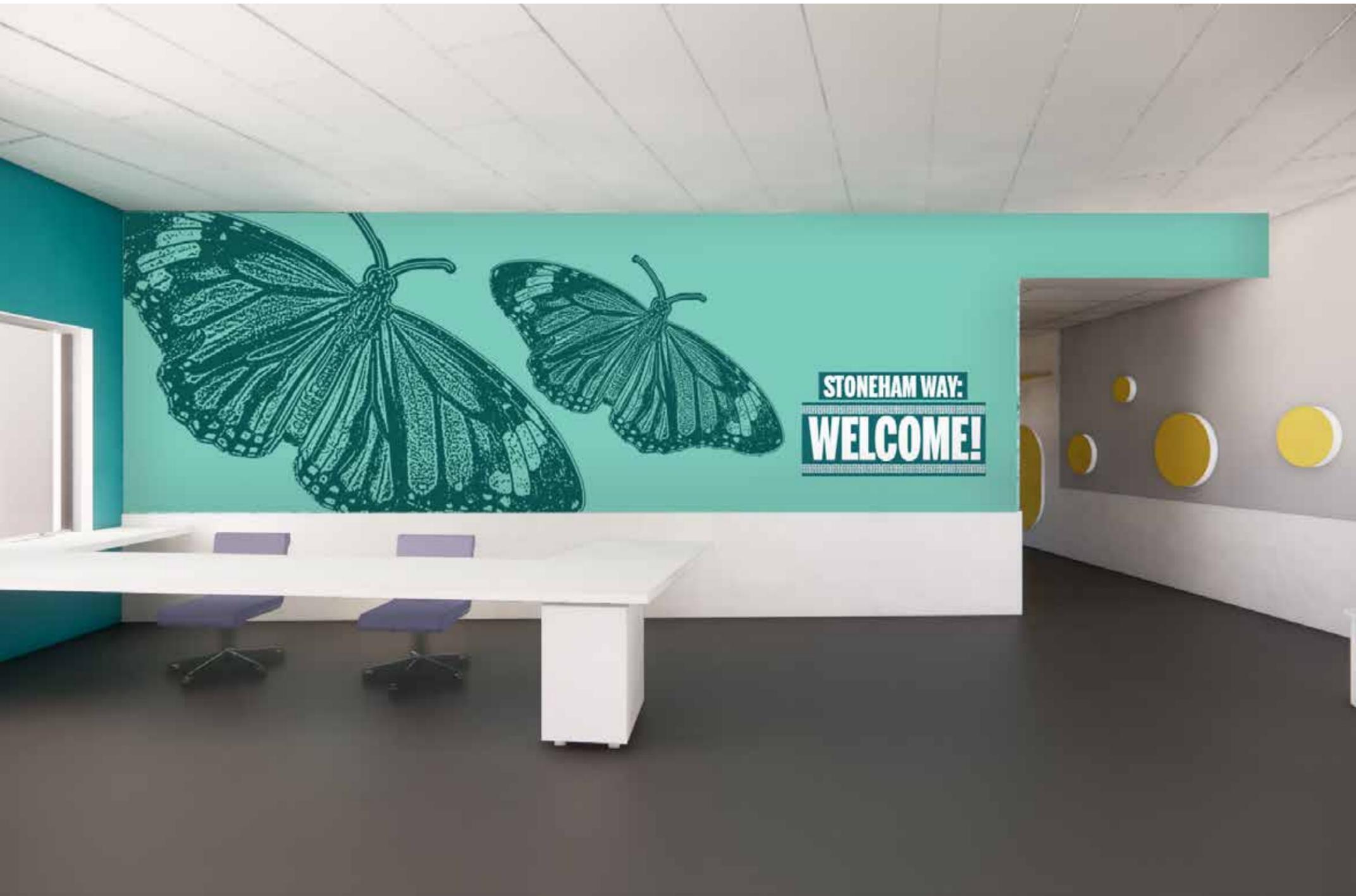
<https://pubmed.ncbi.nlm.nih.gov/30309256/>

Chelsea and Westminster Hospital has found that placing art in the NHS trust has helped to improve patient wellbeing, decrease hospital stays and **reduce anxiety, depression** and pain... Examples include **animal-based murals** in children's departments



Wildlife

07 Pre-K entry

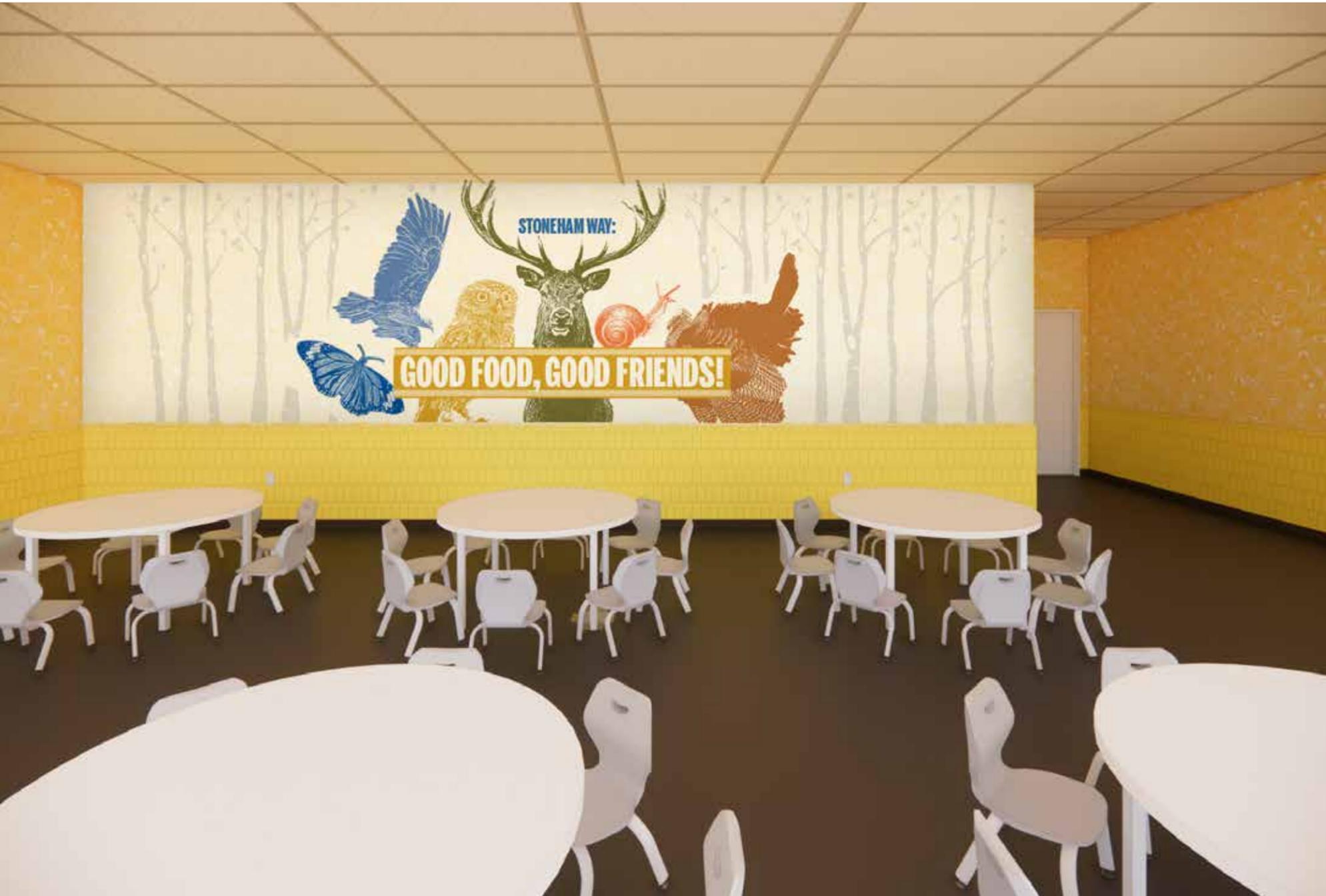


LEVEL 01



Wildlife

08 Pre-K lunch room



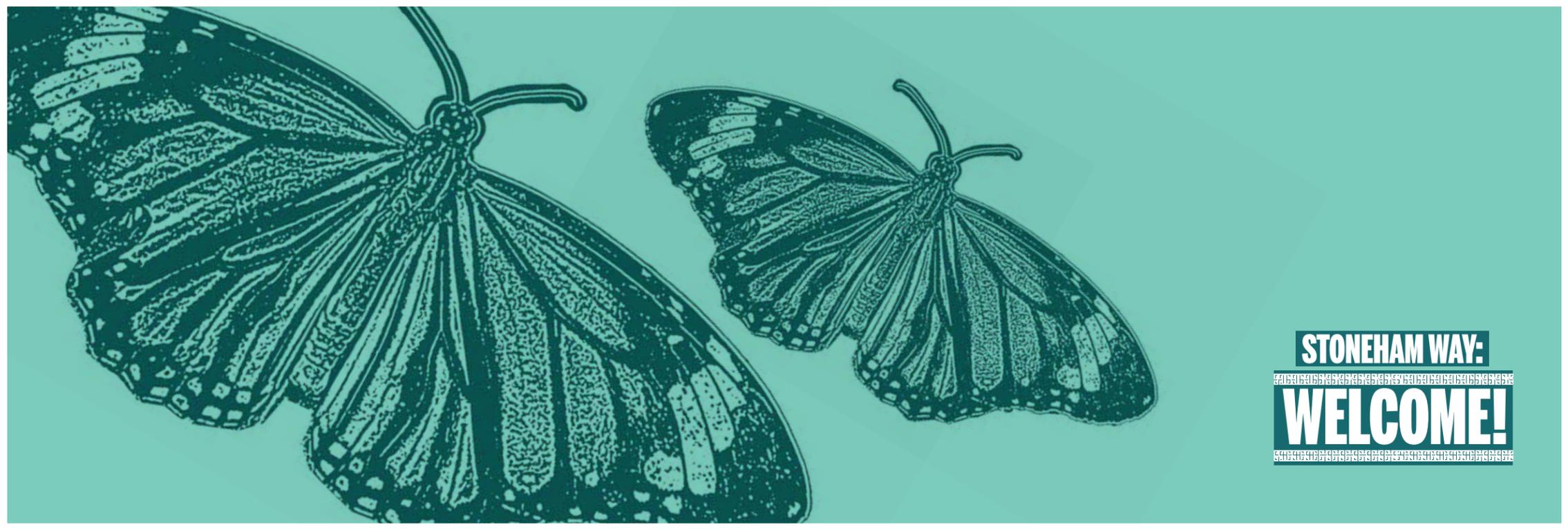
LEVEL 01





STONEHAM WAY:

GOOD FOOD, GOOD FRIENDS!



STONEHAM WAY:

WELCOME!

STONEHAM HIGH SCHOOL

Building Committee Meeting



12.18.2023

AGENDA

Branding Update

FF&E Budget Update

Track & Field Striping & Logos



Perkins&Will

Furniture, Fixtures & Equipment Update

Building Committee Meeting

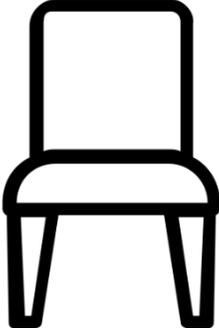
FF&E UPDATE

Our Focus

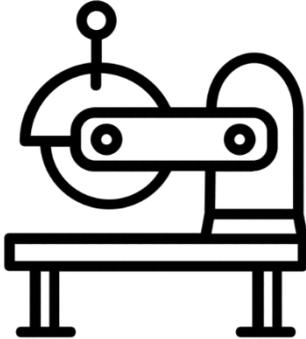
Group 1
Base Bid Items



Group 2
Loose Furniture

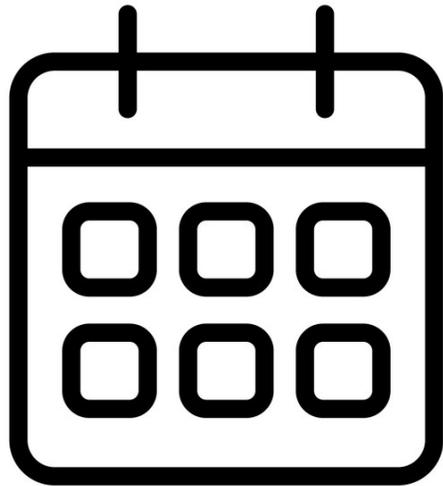


Group 3
Equipment

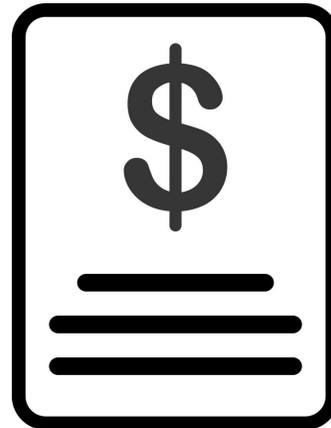


FF&E AGENDA

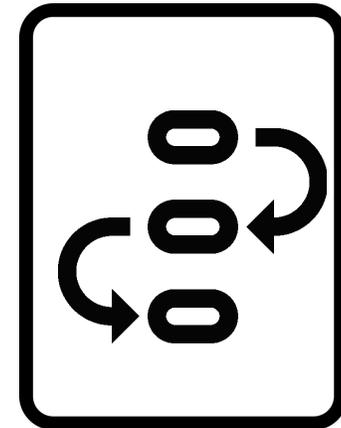
Schedule



Budget



Next Steps

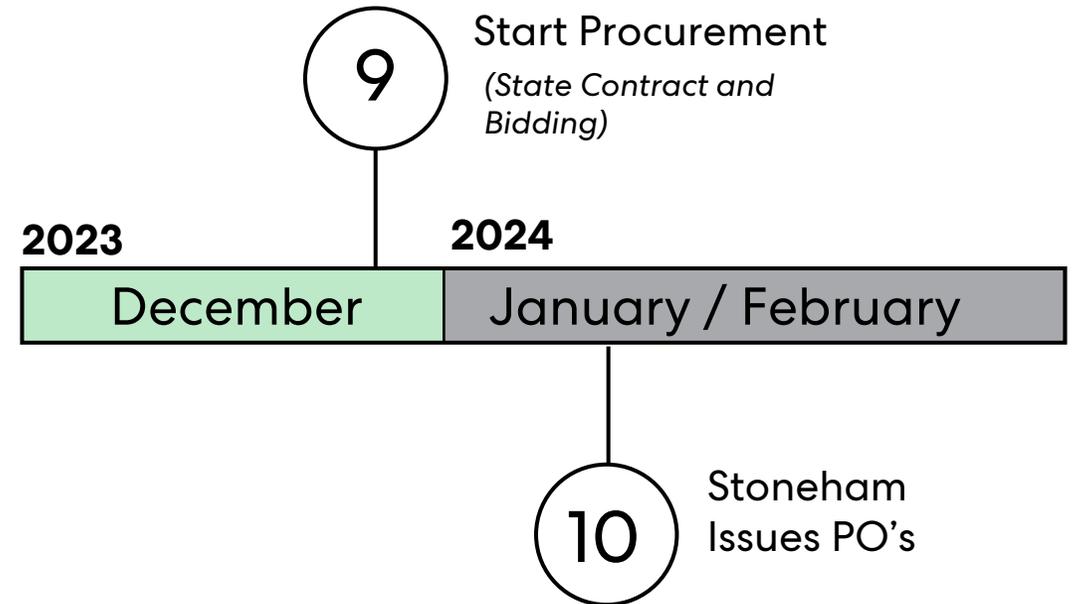
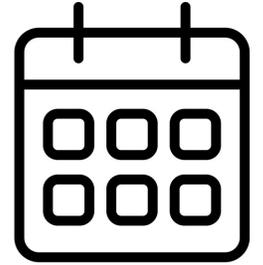


FF&E SCHEDULE

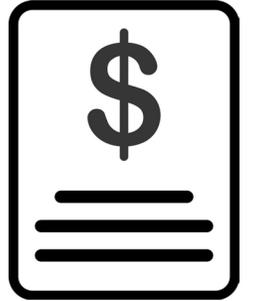
Completed 8 out of 10 Milestones:

1. Kick-off Meeting
2. User Group Meetings- Round 1
3. User Group Meetings- Round 2
4. Working Group Meetings (ongoing with SHS)
5. Procurement Meeting
6. Furniture Fair
7. Final Selection
8. FFE Finish Presentation to Interiors Working Group

Occupancy - September 2024



FF&E BUDGET OVERVIEW



Original FF&E Budget:	\$1,251,000
Additional Funds per Jan 2023 Special Town Meeting:	\$1,675,000
<hr/>	
<u>Updated FF&E Budget:</u>	<u>\$2,926,000</u>



Perkins&Will

FF&E ESTIMATE STATUS

Soft Costs

Currently tracking **\$230,800** over
(including contingency)

Hard Costs

Currently tracking **\$84,534** over

Continuing to work with SHS on
reductions to get to VE Target

FFE SUMMARY (GROUP 2 AND 3)

STONEHAM ESTIMATE



12/18/2023		Perkins&Will	
Stoneham High School		Furniture	Equipment
SPACE TYPE	Furniture Total All Rooms	Equipment Total All Rooms	
CORE ACADEMIC SPACES (Classrooms, Science Rooms, ESL & Collaboration)	\$704,208.70	\$155,223.41	
SPECIAL EDUCATION	\$137,541.00	\$9,041.00	
ART & MUSIC	\$59,712.00	\$208,595.00	
VOCATIONS & TECHNOLOGY (Makerspace, Biomedical, Video Production, Culinary Arts, Scene Shop)	\$148,641.50	\$42,279.45	
HEALTH & PHYSICAL EDUCATION	\$81,570.30	\$252,028.00	
MEDIA CENTER	\$110,584.50	\$2,340.00	
AUDITORIUM / DRAMA	\$21,972.00	\$9,700.00	
DINING & FOOD SERVICE	\$214,201.40	\$14,133.00	
MEDICAL	\$9,860.40	\$12,760.00	
ADMINISTRATION & GUIDANCE	\$182,834.60	\$20.00	
CUSTODIAL & MAINTENANCE	\$29,681.00	\$316,495.00	
OTHER (Pre-K, School Store, Community Terrace)	\$248,969.80	\$38,141.97	
STADIUM BUILDING	\$18,305.70	\$800.00	
TOTALS	\$1,949,777.20	\$1,060,756.83	
TOTAL HARD COSTS FOR FURNITURE & EQUIPMENT		\$3,010,534.03	
	Contingency (5% of 2,926,000)	\$146,300.00	
CURRENT FF&E ESTIMATE (Including Contingency)		\$3,156,834.03	
	AMOUNT OVER-BUDGET (Including Contingency)	\$230,834.03	
	VE TARGET (Hard Costs)	\$84,534.03	
	FF&E Hard Costs	\$2,779,700.00	
	5% Contingency	\$146,300.00	
	100% CD Estimate- BUDGET FOR REFERENCE	\$2,926,000.00	

FF&E ESTIMATE STATUS

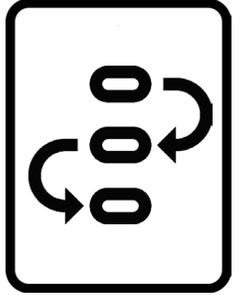
Possible Future FF&E Purchases:
\$11,242



ITEMS UNDER CONSIDERATION FOR FUTURE PURCHASE

LABQUEST STREAM, WIRELESS	TBD	TBD	4	\$236.00	\$944.00	Physics
GO DIRECT PHYSICS STANDARD PACKAGE, WITH PROBES, SENSORS, ETC.	TBD	TBD	6	\$883.00	\$5,298.00	Physics
PUG MILL	SHRIMPO	NRA-04	1	\$3,800.00	\$3,800.00	Ceramics
DRONE, REMOTE & FLY MORE KIT PLUS	DJI	MINI 3 PRO w/ DJI RC	1	\$1,200.00	\$1,200.00	Video Production
					\$11,242.00	

FF&E NEXT STEPS



- ① 1. Preliminary Design
 - Furniture + Equipment SD Budget by Room
 - Initial Department Layouts
 - Program Verification / Vision with User Groups
- ② 2. Furniture Selection Process
- ③ **3. Budget Process**
- ④ **4. Specification + Procurement**
- ⑤ 5. Budget Tracking
- ⑥ 6. Process Completion - Delivery, Install, and Punch List

FF&E STATUS & NEXT STEPS

Furniture Selection Process:

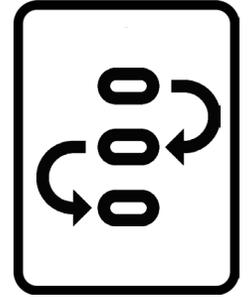
- Furniture Fair (complete)



- All Furniture & Furniture Finishes have been Selected and Approved

- All Equipment has been Reviewed- Some further Reductions Possible

→ FURNITURE FINISH BOXES PRESENTED 12/13/23



FF&E NEXT STEPS

Furniture Selection Process:

December:

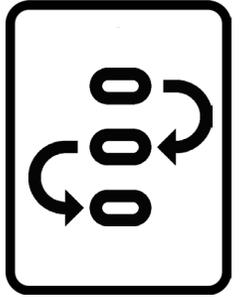
- Estimate over-budget \$84,534

January:

- Furniture Specifications
- Finalize Equipment
- Official Furniture Quote Requests (CPP & MHEC)
- Furniture Recommendations to Stoneham- Present at January SBC Meeting
- Stoneham Issues PO's

February/ March:

- Equipment Specifications
- Official Equipment Quote Requests (CPP & MHEC)
- Equipment Bid Package- As Required for items not on State Contract
- Recommendations to Stoneham- Present at February/ March SBC Meeting
- Stoneham Issues PO's

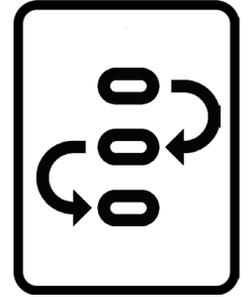


FF&E NEXT STEPS

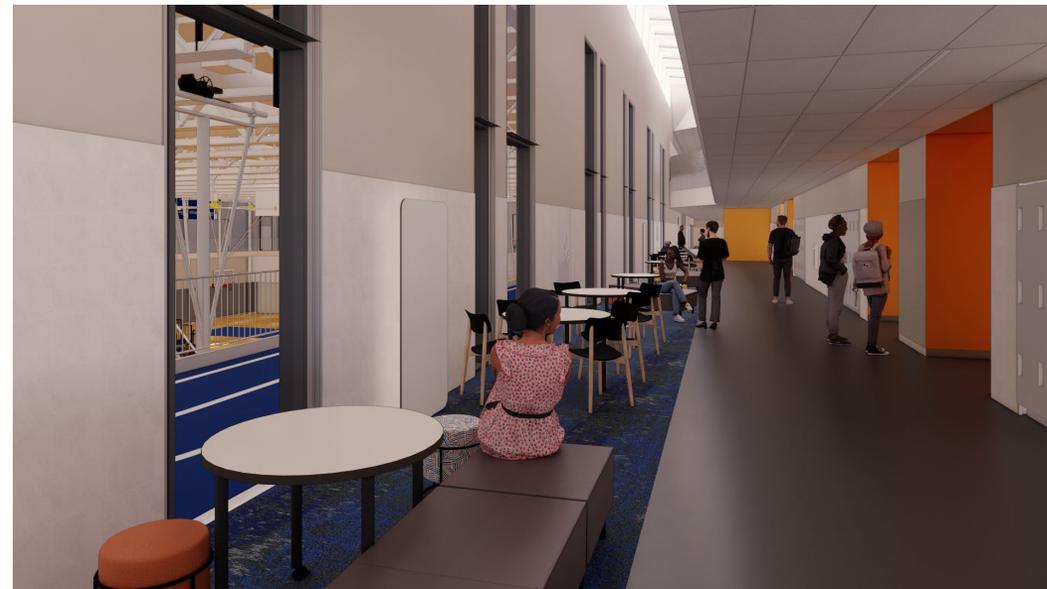
Upcoming Building Committee Presentations:

December
Budget & Finish Update

January/ February/ March
Furniture & Equipment Budget Updates & Approval for PO's



←
RENDERING – MEDIA
BRIDGE

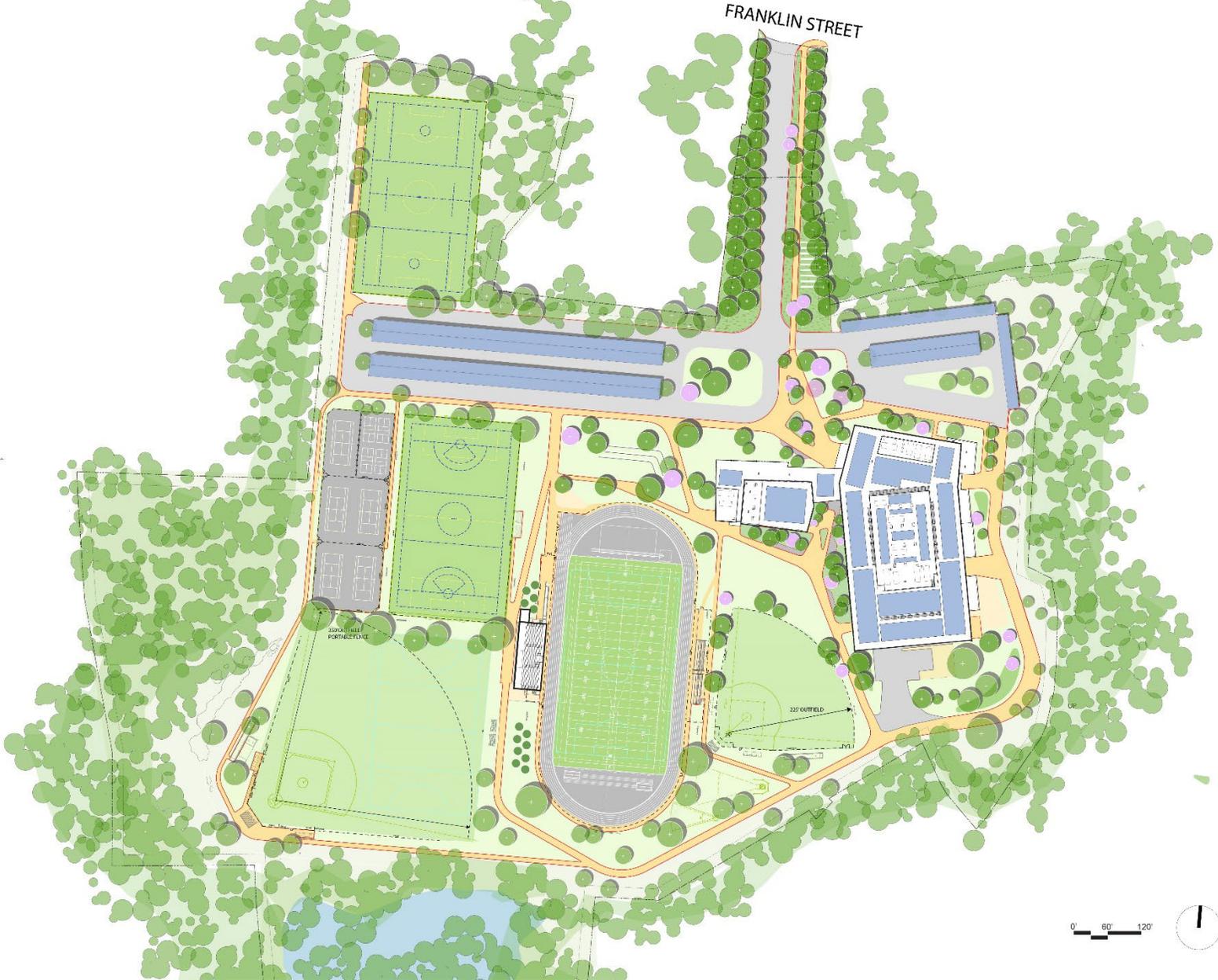


→
RENDERING – PATHWAYS
COLLABORATION

Track & Field Striping & Logos

Building Committee Meeting

SITE PLAN



OPTIONS REQUESTED

- Main stadium
 - Blue track with turf endzone, white STONEHAM/SPARTANS
 - Black track with blue turf endzone, white STONEHAM/SPARTANS
 - 12” wide football perimeter
 - Solid white team area
- Spartan logo at stadium field
- “S” logo on all 3 fields
- Permanent markings for 1 additional sport on 3 fields

CONTRACT TRACK = BLUE



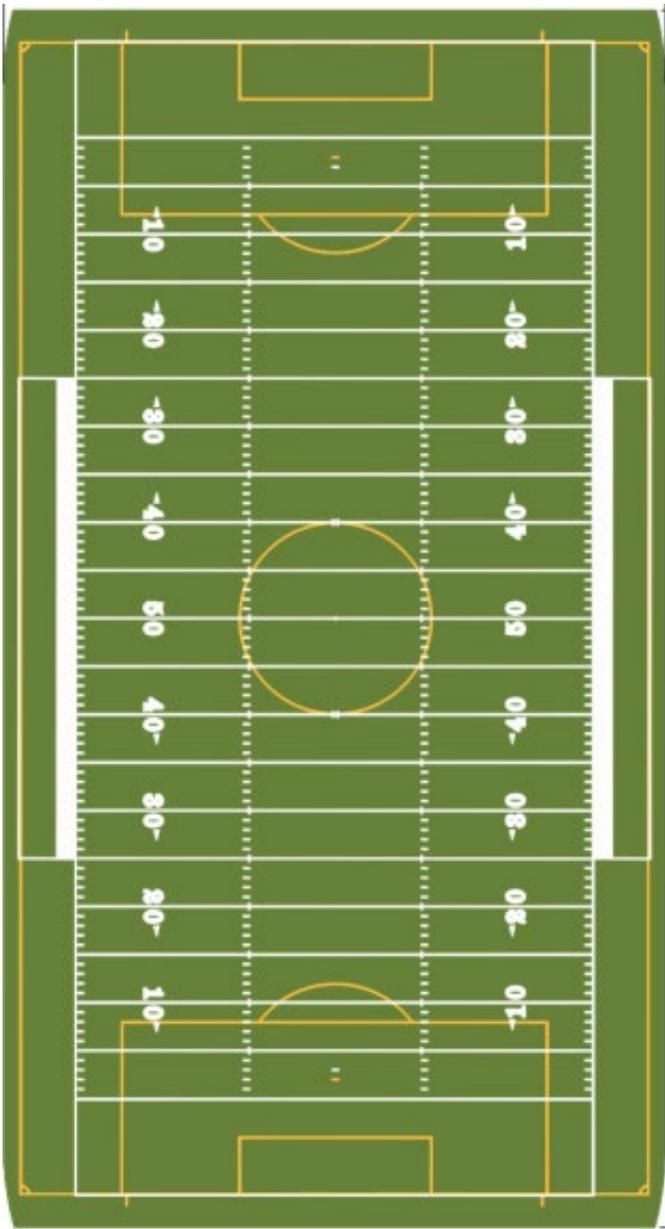
OPTION: BLACK TRACK

Markings can be any color



OPTION: 2-COLOR TRACK



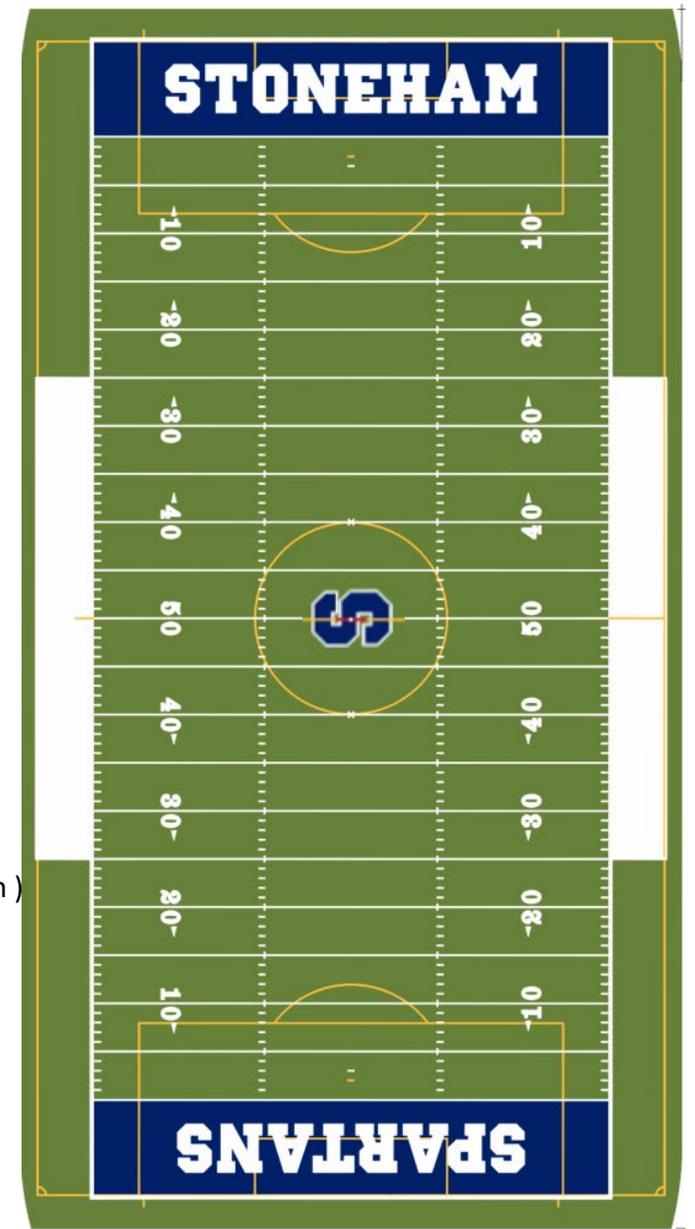


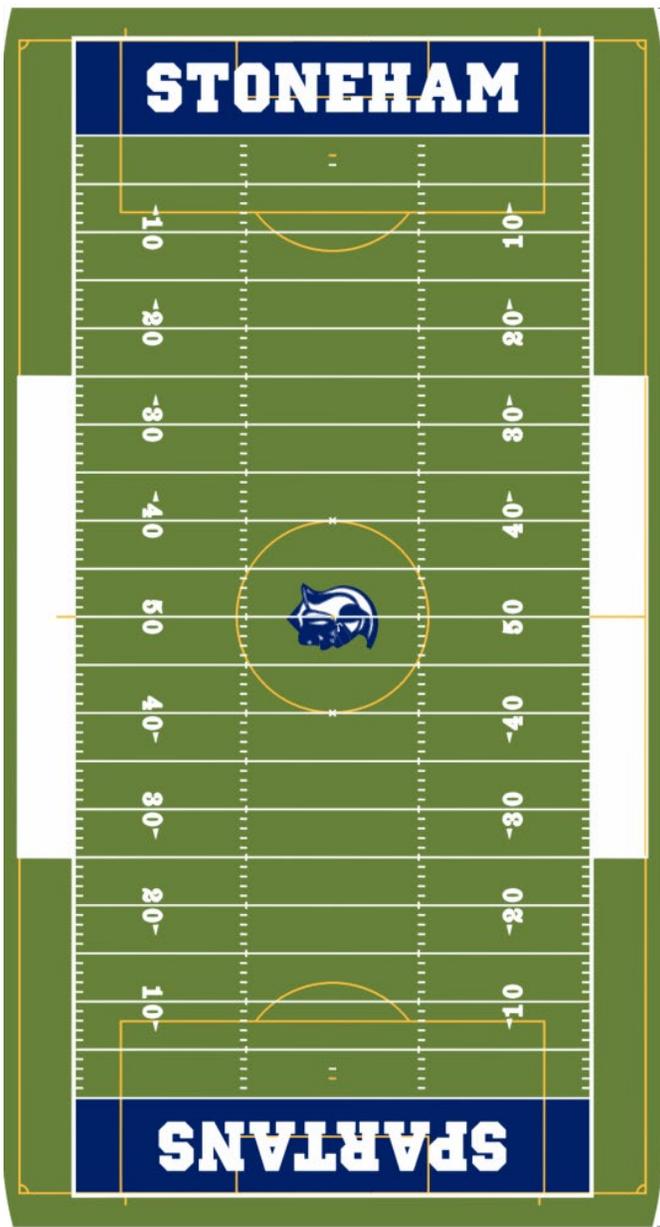
CONTRACT FIELD

Football full line package
 Fonts = san serif
 Soccer Tick Marks Only

OPTIONS

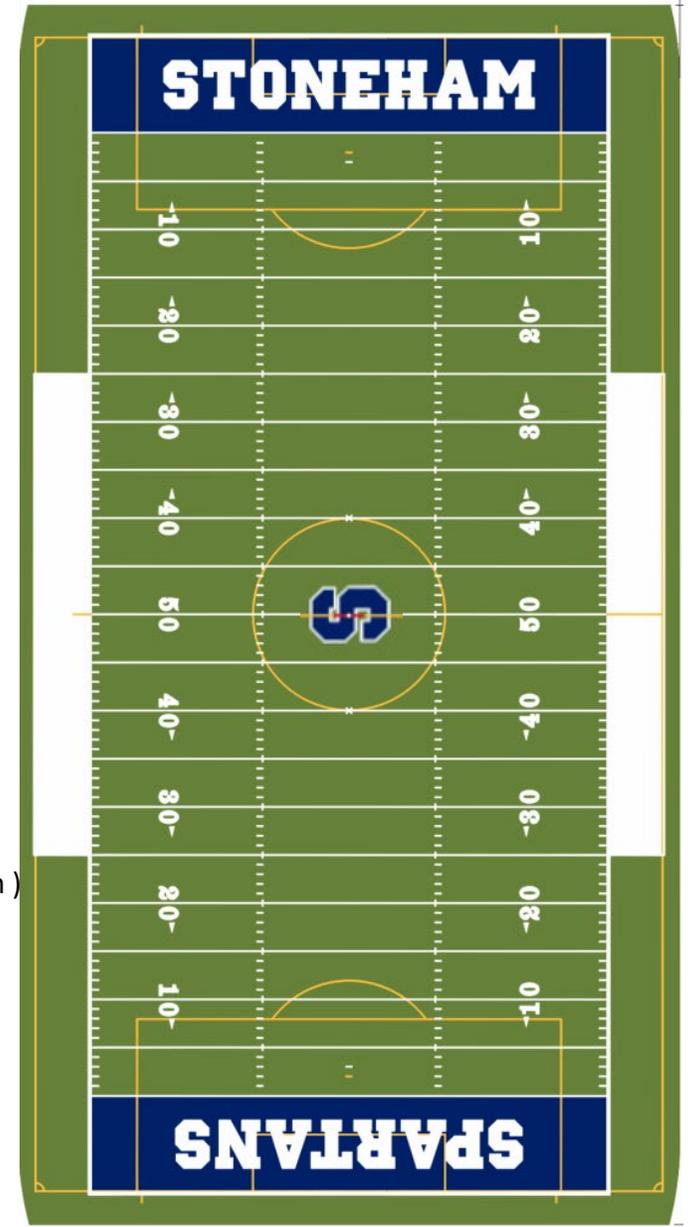
- End Zone Letters
- Center Logo "S" or Spartan
- Full line package
 - SOCCER
 - FIELD HOCKEY (not shown)
- Turf color changes
 - 12" Football perimeter
 - Solid white team area
 - Blue end zones





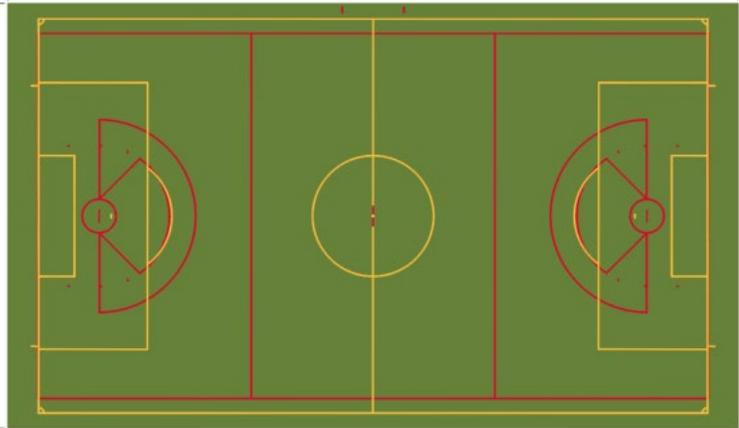
OPTIONS

- End Zone Letters
- Center Logo "S" or Spartan
- Full line package
 - SOCCER
 - FIELD HOCKEY (not shown)
- Turf color changes
 - 12" Football perimeter
 - Solid white team area
 - Blue end zones

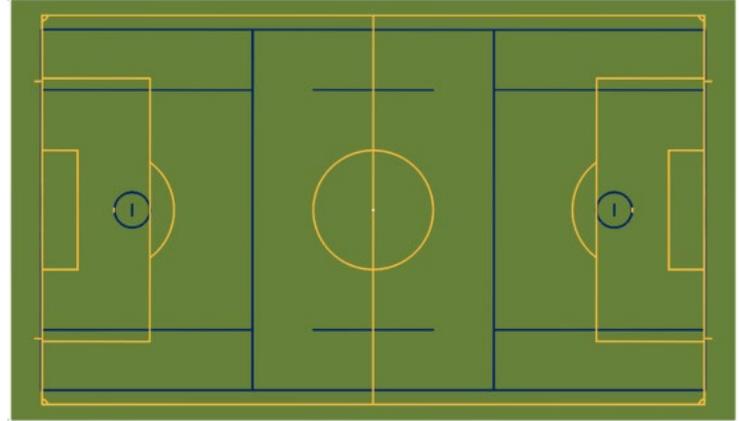


CONTRACT NW TURF FIELDS

MID FIELD: SOCCER + GIRLS LACROSSE

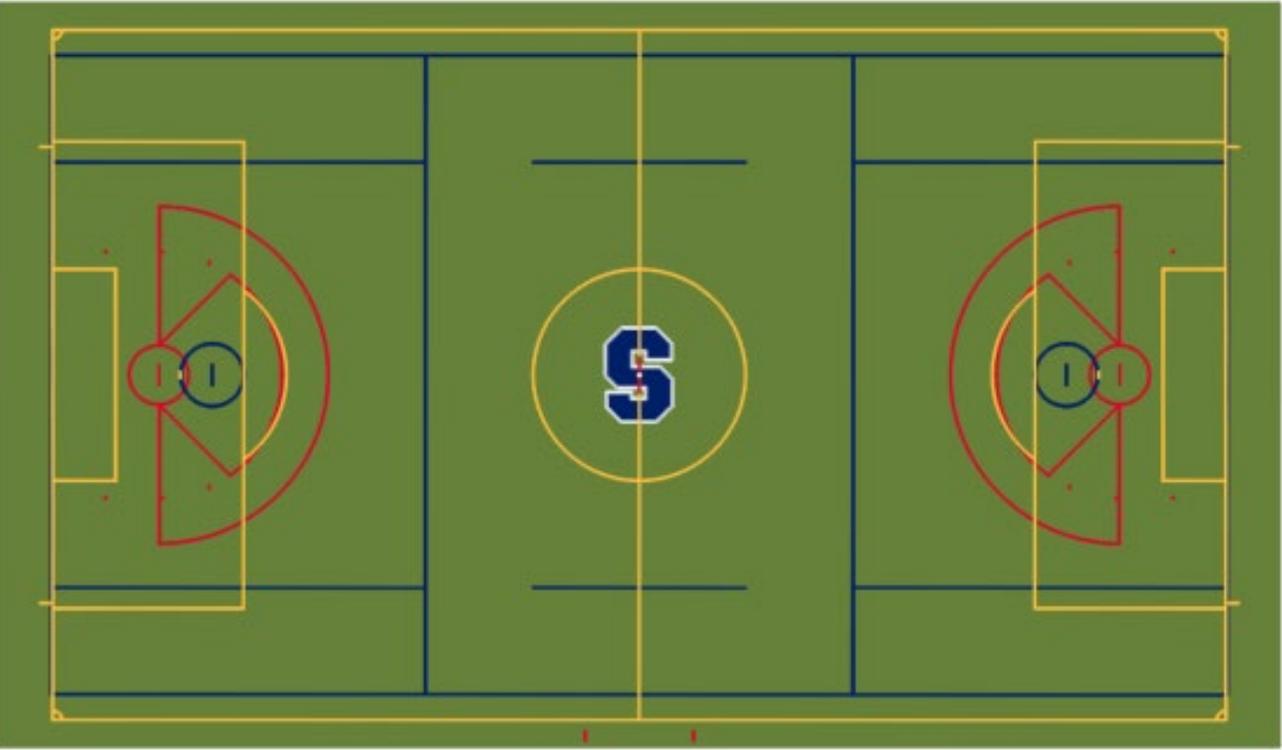


NW FIELD: SOCCER + BOYS LACROSSE



BOYS & GIRLS LAX + SOCCER + "S" LOGO

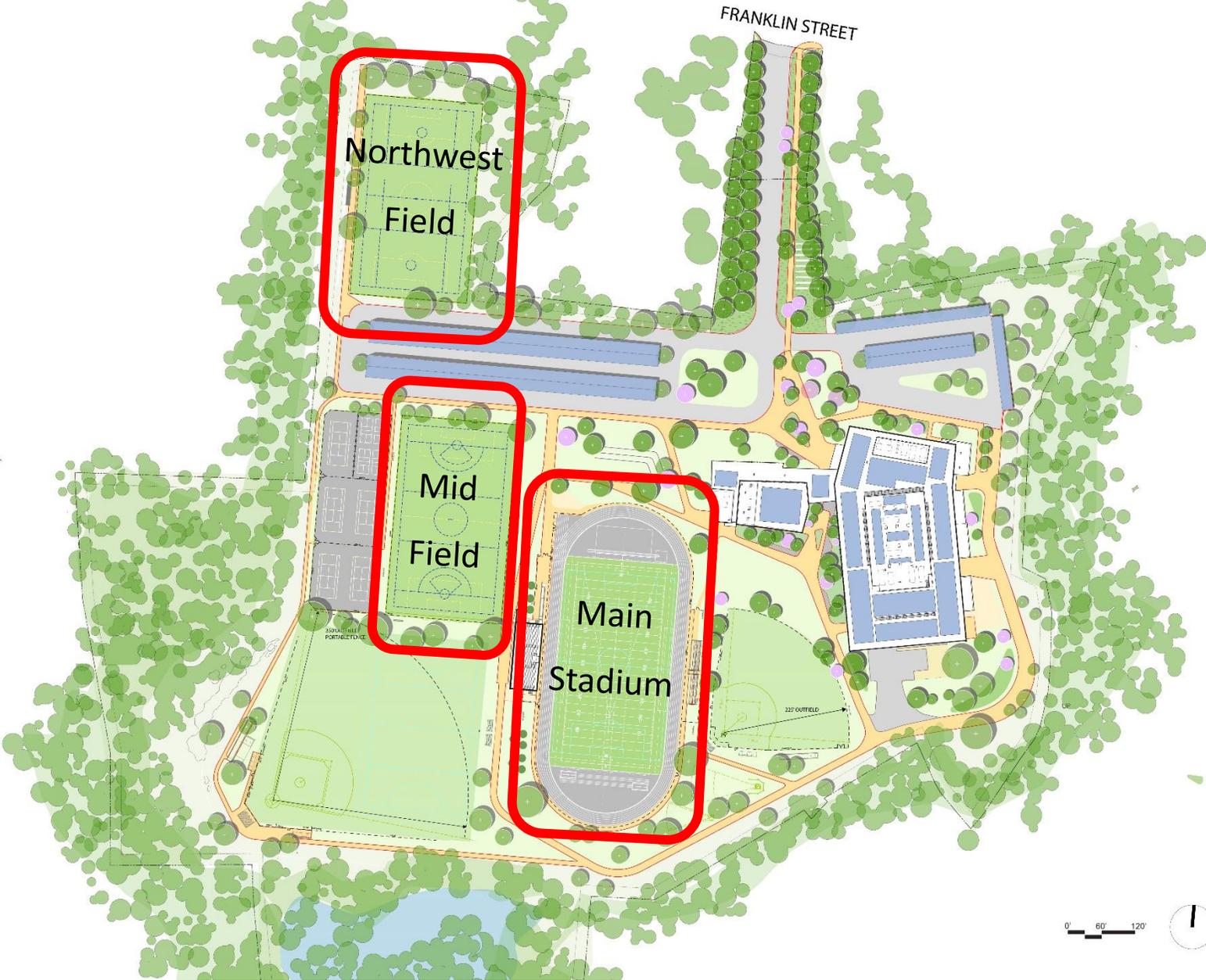
BOTH FIELDS





THANK YOU!

FIELD OPTIONS



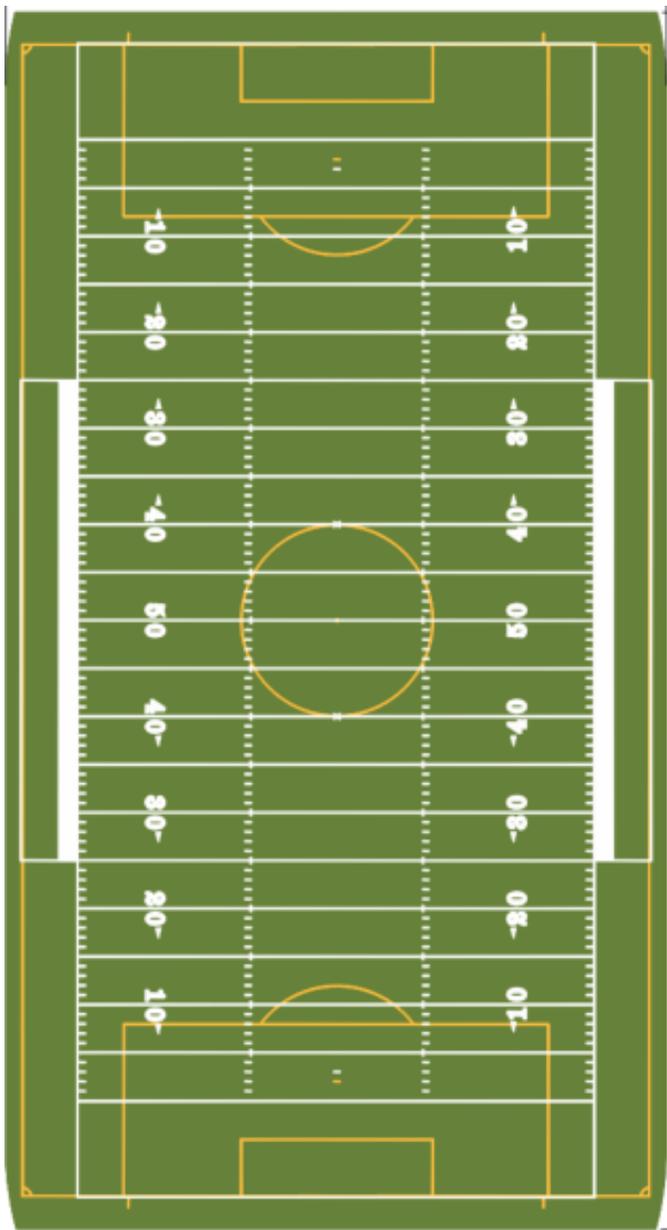
OPTIONS REQUESTED

1. Main Stadium

IN CONTRACT: Blue track and Turf Field no color

OPTIONS:

1. Blue track w/white STONEHAM/SPARTANS letters: **\$38,650**
 2. Black track w/ blue turf endzone, white STONEHAM/SPARTANS letters
(\$25,000) Credit from Blue to Black/ Add after credit is \$18,650
 3. 12" wide football perimeter **(\$ TBD)**
 4. Solid white team area both sides of field **(\$ TBD)**
 5. Spartan logo at stadium field (two options- "S" or Spartan) **\$12,960 per field**
- **Northwest/ Mid Field- "S" logo \$12,960 per field**
 - **Permanent markings for 1 additional sport on 3 fields (Main, NW, Mid Fields)**
 - **Northwest Field: Girls Lacrosse \$12,350**
 - **Middle Field: Boys Lacrosse \$10,375**
 - **Stadium: Field Hockey \$12,350 Soccer change to solid lines: \$11,800**



CONTRACT MAIN STADIUM

Football full line package

Fonts = san serif

Soccer Tick Marks Only

OPTIONS:

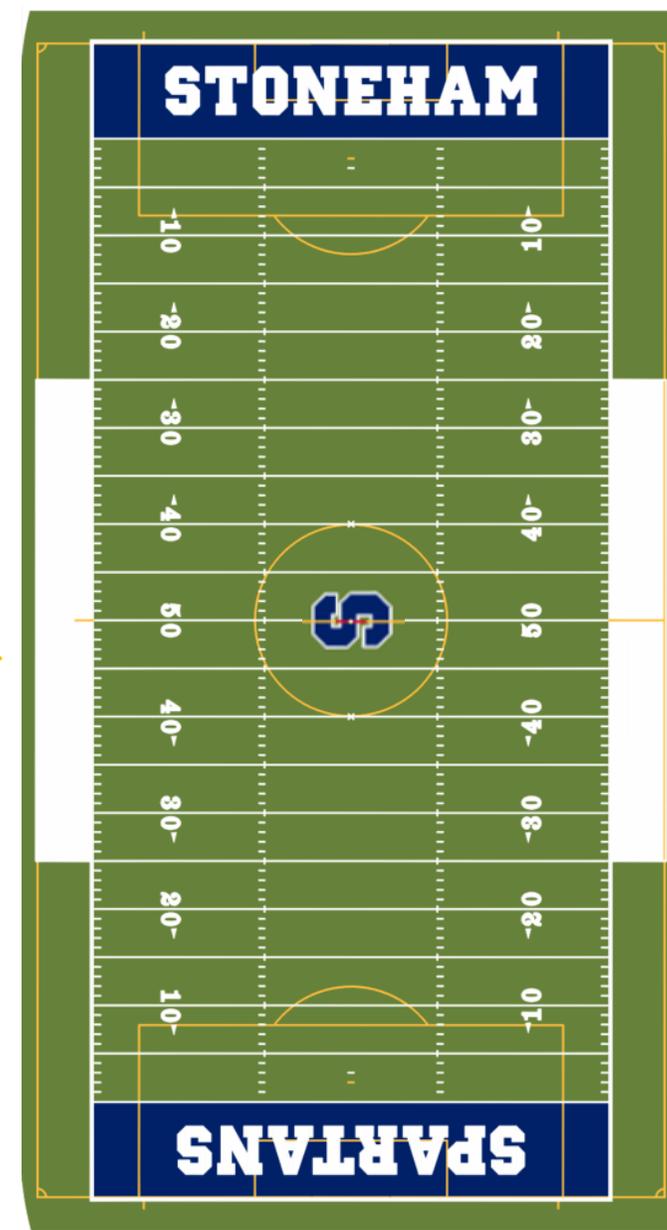


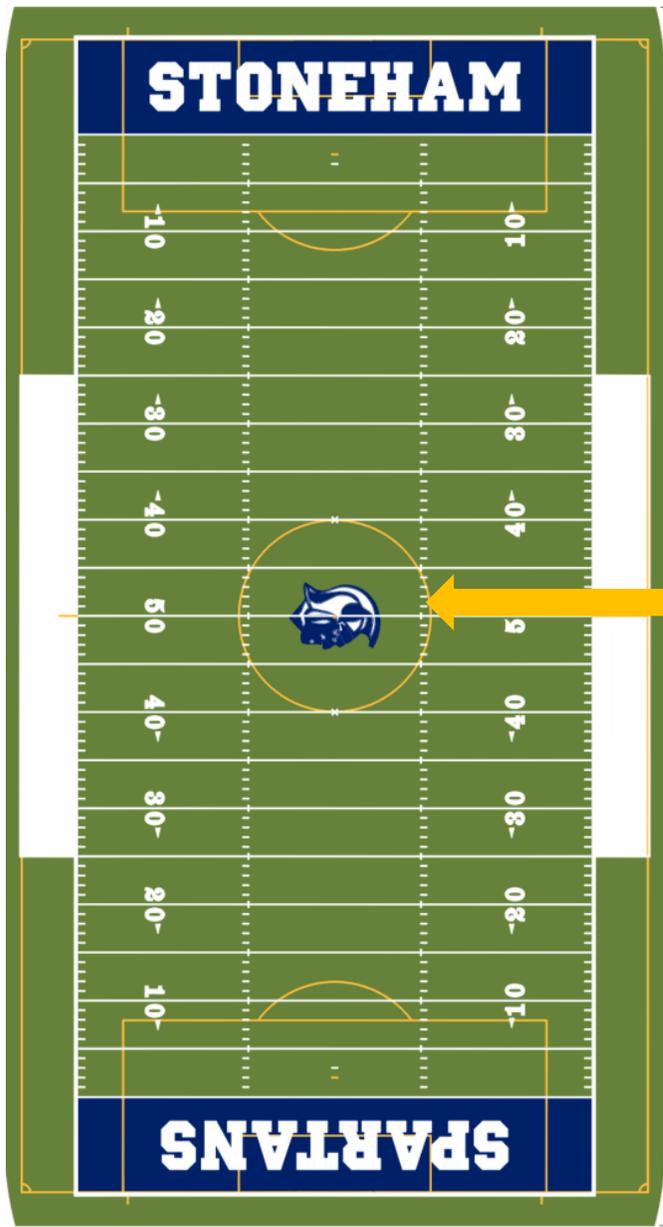
- End Zone Blue with White Letters
- Center Logo "S" or Spartan
- Full line package

SOCCKER to Solid lines

FIELD HOCKEY (not shown)

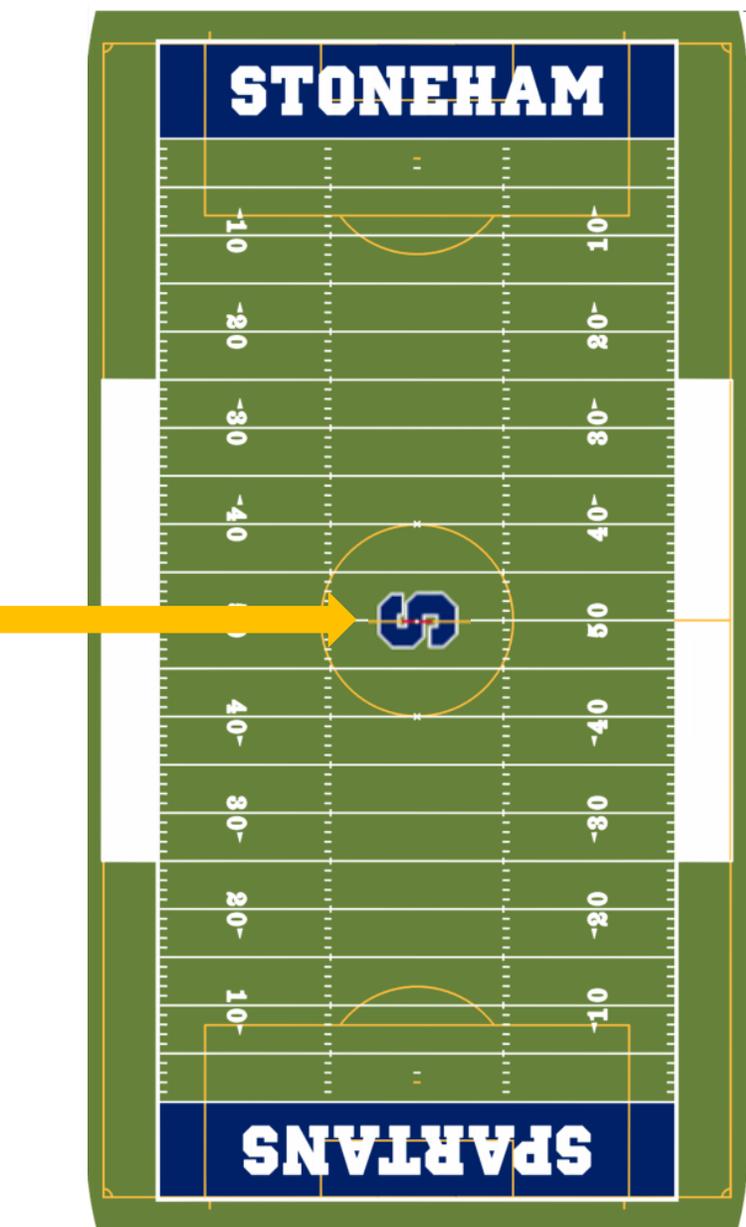
- 12" Football perimeter
- Solid white team areas





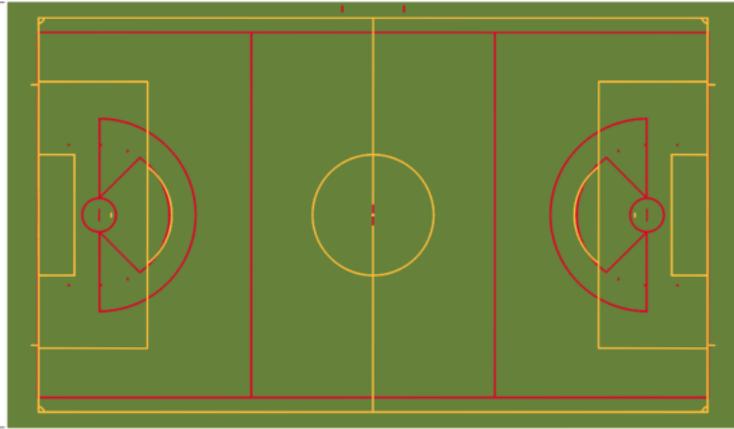
**CONTRACT MAIN STADIUM
Logo Options**

**Center Logo Option
Spartan vs. "S"**

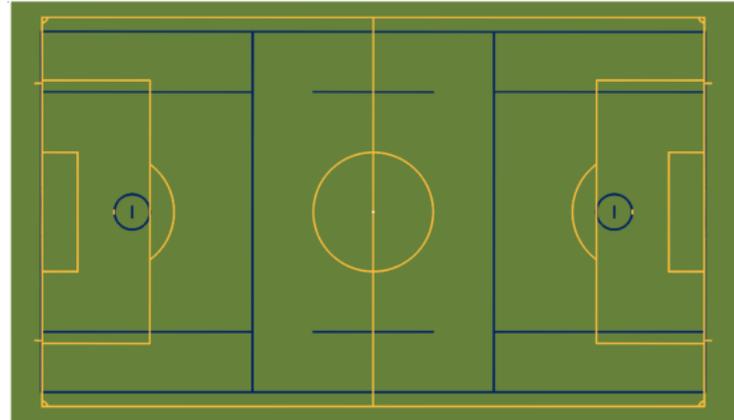


CONTRACT NW TURF FIELDS

MID FIELD: SOCCER + GIRLS LACROSSE

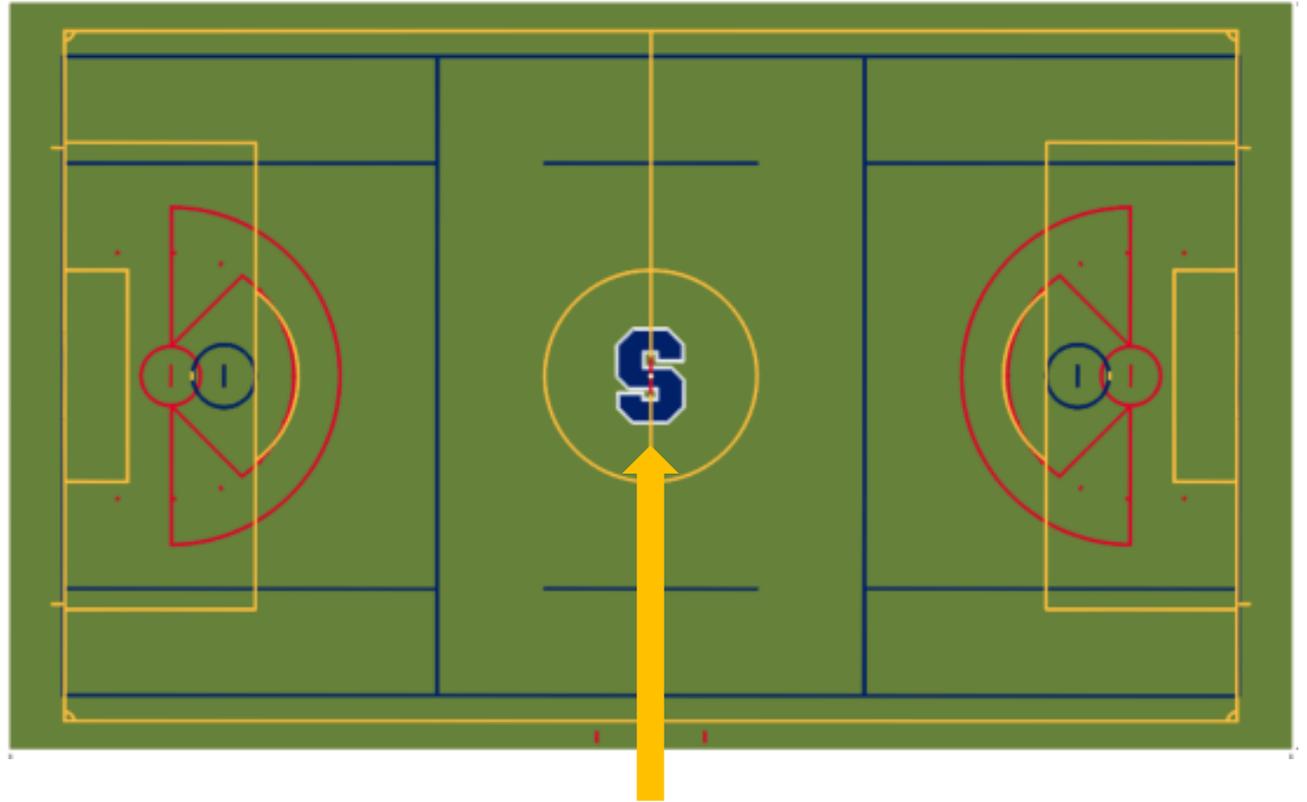


NW FIELD: SOCCER + BOYS LACROSSE



BOYS & GIRLS LAX + SOCCER + "S" LOGO

BOTH FIELDS MID FIELD AND NORTHWEST FIELD



Center Logo Option "S"
Mid + Northwest Fields

CONTRACT TRACK = BLUE



OPTION: BLACK TRACK

Markings can be any color



STONEHAM HIGH SCHOOL AMPHITHEATER & VISITOR'S SEATING UPDATE

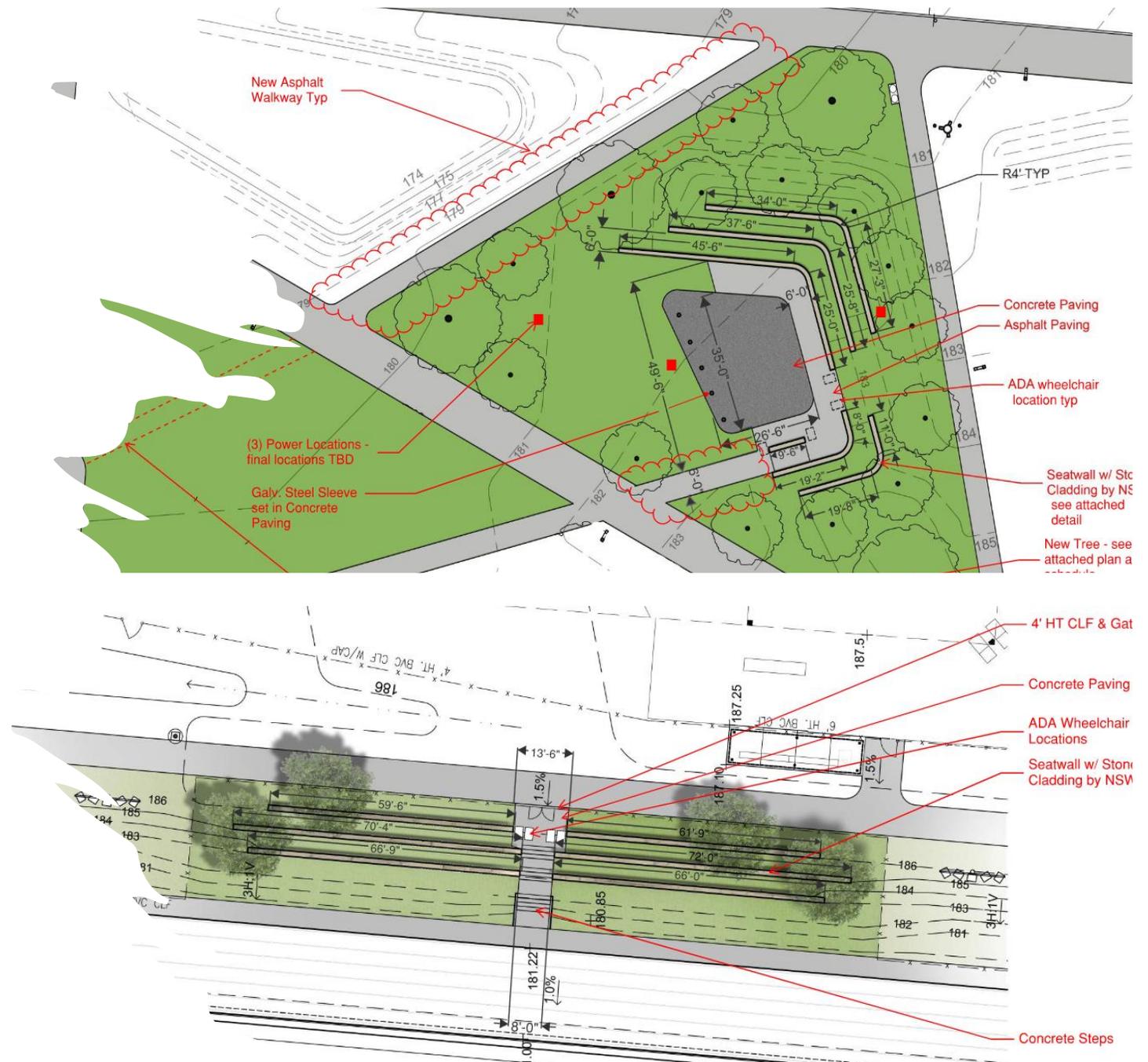
- Priced 4 conceptual options with 4 different material types
 - Presented at the 8/21/23 SBC meeting
 - Received direction to develop schematic documents
 - Design/Programming meeting on amphitheater held on 10/4/23

Stoneham High School - Amphitheater Options

Visitor's Bleachers & Amphitheater Design Options	Option 1	Option 2	Option 3	Option 4
	Concrete Precast Walls	Stone Veneer Prefab	Versalok Bronco Block	Granite Curb Block
				
	Total Cost Summary (\$) Cost Summary (\$/LF)			
Option A: Large Visitor's Midfield Seating (300 ppl) / no amphitheater/outdoor classroom 600 Total linear feet of wall	\$954,312 \$1,591	\$512,848 \$855	\$317,956 \$530	\$670,103 \$1,117
Option B: Large Visitor's Midfield Seating (300 ppl) with outdoor classroom 710 Total linear feet of wall	\$1,023,728 \$1,442	\$628,780 \$886	\$407,273 \$574	\$823,704 \$1,160
Option C: Small Visitor's Midfield seating (200 ppl) / small amphitheater (100 ppl) 600 Total linear feet of wall	\$1,020,258 \$1,700	\$528,334 \$881	\$339,005 \$565	\$685,463 \$1,142
Option D: Small Visitor's Midfield seating (200 ppl) / large amphitheater (160 ppl) 720 Total linear feet of wall	\$1,249,694 \$1,736	\$687,000 \$954	\$439,301 \$610	\$850,044 \$1,181

OPTION D: LARGE AMPHITHEATER & SMALL VISITOR'S BLEACHERS

- Concept design documents prepared and issued on 10/6/23 by P&W and Warner Larsen
- Amphitheater (large) with 160 seats
- Visitor's Bleachers (small) with 200 seats
- Concept estimate pricing received by Consigli = \$806,500 vs \$687,000 budget
 - Delta of \$119,500



STONEHAM HIGH SCHOOL SCHEDULE UPDATE DECEMBER 18, 2023

- Schedule Delay* Review
(impact due to weather & m/e/p systems coordination):
 - Classroom Building July 19, 2023 (3 weeks)
 - Auditorium Building August 27, 2024 (5 additional weeks)
 - Schedule Summit with subcontractors
 - Add Additional Superintendent
 - Develop Recovery Schedule
 - Strategic Acceleration Opportunities
 - Review Phased building turnover ideas
- * Impact from June 28, 2024 contractual milestone turnover date



CLASSROOM/GYMNASIUM BUILDING "A/B/C" UPDATE



- 7/19/23 completion milestone
(held current from last month)
- Interior Milestones:
 - Install ceiling grid B/C: 1/24
 - Install Flooring B/C: 2/7 – 3/11/24
 - Gym Flooring install: 4/5 – 5/10/24
- Exterior Milestones
 - Roof complete: 1/24
 - Window install: 1/24- 4/24
 - Masonry completion: 4/15/24
 - Hardscape/Landscape 5/15-6/30/24

AUDITORIUM/SPARTAN PLACE BUILDING "D" UPDATE

- 7/31/24 completion milestone (4-week improvement from last month)
- Interior Milestones:
 - Spartan Place Slab install: 12/17
 - Dance Floor: 2/7 – 4/11/24
 - Acoustical Wall/Millwork: 4/15 – 5/5/24
 - Auditorium Floor install: 5/15 - 5/31/24
 - Auditorium Seat install: 6/1 – 6/15/24
- Exterior Milestones
 - Roof complete: 2/5/24
 - Masonry completion: 2/15 – 4/24
 - Curtainwall install: 4/24- 5/24
 - Metal Panel install: 5/1 - 6/15/24



Warrant No. 49

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

Project No.: 20033
 Date: 12/18/2023

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	6275		11/30/2023	\$ 80.25	0203-9900	\$ 8,208.82
Perkins & Will	0205120		12/11/2023	\$ 123,025.00	0201-0700	\$ 2,583,525.00
Perkins & Will	0205120	AM18	12/11/2023	\$ 1,234.75	0204-1200	\$ 102,501.32
Perkins & Will	0205120	AM21	12/11/2023	\$ 2,491.56	0204-0300	\$ 50,959.44
SMMA	60499		12/01/2023	\$ 99,500.00	0102-0700	\$ 1,991,100.24
SMMA	60499	AM4	12/01/2023	\$ 18,180.80	0602-0000	\$ 37,783.60
Consigli Construction Co.	17		11/30/2023	\$ 6,700,919.68	See SOV	\$113,467,604.53
RETAINAGE						
	CM Fee		0502-0010	\$ 102,961.95	0502-0010	\$ 5,419.05
	Bonds and Insurance		0502-0020	\$ 124,292.31	0502-0020	\$ 6,541.81
	General Requirements		0502-0100	\$ 397,906.48	0502-0100	\$ 19,895.32
	Concrete		0502-0300	\$ 237,127.89	0502-0300	\$ 12,480.42
	Masonry		0502-0400	\$ 385,757.95	0502-0400	\$ 20,303.05
	Metals		0502-0500	\$ 168,854.22	0502-0500	\$ 8,887.06
	Thermal & Moisture Protection		0502-0700	\$ 191,623.84	0502-0700	\$ 10,085.47
	Doors & Windows		0502-0800	\$ 402,399.97	0502-0800	\$ 21,178.95
	Finishes		0502-0900	\$ 1,106,944.51	0502-0900	\$ 58,260.24
	Specialties		0502-1000	\$ 22,988.62	0502-1000	\$ 1,209.93
	Equipment		0502-1100	\$ 5,143.31	0502-1100	\$ 270.70
	Furnishings		0502-1200	\$ 55,575.00	0502-1200	\$ 2,925.00
	Fire Suppression		0502-2100	\$ 15,694.00	0502-2100	\$ 826.00
	Plumbing		0502-2200	\$ 508,346.90	0502-2200	\$ 26,755.10
	HVAC		0502-2300	\$ 1,525,986.66	0502-2300	\$ 80,315.09
	Electrical		0502-2600	\$ 1,331,662.50	0502-2600	\$ 70,087.50
	Earthwork		0502-3100	\$ 55,046.80	0502-3100	\$ 2,897.20
	Change Order No. 14		0508-014	\$ 60,219.31	0508-014	\$ 3,169.44
	Change Order No. 21		0508-021	\$ 2,375.00	0508-021	\$ 125.00
			Total	\$ 6,945,432.04		

 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
6275	11/30/2023	\$80.25	12/30/2023	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 November 2023 per attached timesheet.	0.25	321.00	80.25

Thank you for your business!

BALANCE DUE

\$80.25



Time Entries by Project

Time Entry Date: From Wednesday, November 1, 2023 to Thursday, November 30, 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	11/6/2023	0.25	Bi-weekly call
	Task Total	0.25	
	Employee Total	0.25	
	Project Total	0.25	
	Grand Total	0.25	

Perkins&Will

Invoice

December 11, 2023

Project No: 153010.000

Invoice No: 0205120

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

Stoneham High School - FS-Closeout

Professional Services: through November 24, 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	0205120
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	40.625	1,599,325.00	1,476,300.00	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	52.699	114,198.68	112,963.93	1,234.75	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	69.6804	117,114.56	114,623.00	2,491.56	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

Project	153010.000	Stoneham High School:FS-Closeout				Invoice	0205120
Site Revised Grading	57,750.00	90.00	51,975.00	51,975.00	0.00		
Amendment #27	0.00	0.00	0.00	0.00	0.00		
Exhaust Dispersion	14,300.00	100.00	14,300.00	14,300.00	0.00		
Amendment #28	0.00	0.00	0.00	0.00	0.00		
Environmental Branding	175,000.00	30.00	52,500.00	52,500.00	0.00		
Amendment #29	0.00	0.00	0.00	0.00	0.00		
Infill Feasibility Study	27,000.00	0.00	0.00	0.00	0.00		
Total Fee	15,650,764.14		12,429,786.52	12,303,035.21	126,751.31		
Total Fee					126,751.31		
					Total this Invoice	\$126,751.31	

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

Invoice

Vanasse & Associates, Inc.
TRANSPORTATION ENGINEERS AND PLANNERS
35 New England Business Center Drive
Suite 140
Andover, MA 01810

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

October 16, 2023
Project No: 9000
Invoice No: 44009

Invoice Total: \$340.00

Stoneham High School
EMAIL to bos.ap@perkinswill.com

Professional Services from August 27, 2023 to September 30, 2023

Phase Number: 011 Construction Services

Professional Personnel

	Hours	Rate	Amount	
Talcoff, Drew	1.00	175.00	175.00	
DeRoche, Daniel	1.00	165.00	165.00	
Totals	2.00		340.00	
Total Labor				340.00
		Phase Total		\$340.00
		TOTAL THIS INVOICE		\$340.00



INVOICE CONTRACT SUMMARY

VAI Project #: 9000
Project Location: Stoneham, MA
Project Client: Perkins & Will
Period Ending: 9/30/2023

Phase Code / Description	Original Contract Amount	Amendment Nos. 1-3	Amendment No. 4	Total Contract	Previous Billing	Current Invoice	Total Billed to Date	Remaining Budget	% Complete
001 Data Collection and Base Plans	5,000.00	-	-	5,000.00	4,150.00	-	4,150.00	850.00	83%
002 Roadway Safety Audit (RSA)	-	-	-	-	-	-	-	-	-
003 Preliminary Engineering	32,000.00	-	-	32,000.00	32,000.00	-	32,000.00	-	100%
03A Temporary Traffic Signal Design	-	9,500.00	-	9,500.00	9,500.00	-	9,500.00	-	-
004 Environmental Permit Documents	-	-	-	-	-	-	-	-	-
005 Final Engineering	45,000.00	(4,300.00)	8,000.00	48,700.00	47,650.00	-	47,650.00	1,050.00	98%
006 Right-of-Way and Layout	-	-	-	-	-	-	-	-	-
007 Project Meetings/Coordination	6,000.00	10,000.00	1,000.00	17,000.00	16,927.50	-	16,927.50	72.50	100%
008 Abutter Coordination	-	-	-	-	-	-	-	-	-
009 Bidding and Negotiating	4,000.00	-	-	4,000.00	-	-	-	4,000.00	-
010 Final Traffic Signal Layout Plans (As-Built)	-	-	-	-	-	-	-	-	-
011 Construction Services	85,000.00	(15,200.00)	(9,000.00)	60,800.00	2,135.00	340.00	2,475.00	58,325.00	4%
012 Utility Coordination	-	-	-	-	-	-	-	-	-
LABOR FEE	177,000.00	-	-	177,000.00	112,362.50	340.00	112,702.50	64,297.50	64%
995 Expenses (estimated)	5,000.00	-	-	5,000.00	308.60	-	308.60	4,691.40	6%
A01 Borings	15,000.00	-	-	15,000.00	-	-	-	15,000.00	0%
EXPENSE FEE	20,000.00	-	-	20,000.00	308.60	-	308.60	19,691.40	2%
TOTALS	197,000.00	-	-	197,000.00	112,671.10	340.00	113,011.10	83,988.90	57%



Invoice

Vanasse & Associates, Inc.
TRANSPORTATION ENGINEERS AND PLANNERS
35 New England Business Center Drive
Suite 140
Andover, MA 01810

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

June 09, 2023
Project No: 9000
Invoice No: 43343

Invoice Total: \$432.50

Stoneham High School
EMAIL to bos.ap@perkinswill.com

Professional Services from April 30, 2023 to May 27, 2023

Phase Number: 011 Construction Services

Professional Personnel

	Hours	Rate	Amount	
Talcoff, Drew	2.00	175.00	350.00	
DeRoche, Daniel	.50	165.00	82.50	
Totals	2.50		432.50	
Total Labor				432.50
				Phase Total
				\$432.50
				TOTAL THIS INVOICE
				\$432.50



INVOICE CONTRACT SUMMARY

VAI Project #: 9000
Project Location: Stoneham, MA
Project Client: Perkins & Will
Period Ending: 5/27/2023

Phase Code / Description	Original Contract Amount	Amendment Nos. 1-3	Amendment No. 4	Total Contract	Previous Billing	Current Invoice	Total Billed to Date	Remaining Budget	% Complete
001 Data Collection and Base Plans	5,000.00	-	-	5,000.00	4,150.00	-	4,150.00	850.00	83%
002 Roadway Safety Audit (RSA)	-	-	-	-	-	-	-	-	-
003 Preliminary Engineering	32,000.00	-	-	32,000.00	32,000.00	-	32,000.00	-	100%
03A Temporary Traffic Signal Design	-	9,500.00	-	9,500.00	9,500.00	-	9,500.00	-	-
004 Environmental Permit Documents	-	-	-	-	-	-	-	-	-
005 Final Engineering	45,000.00	(4,300.00)	8,000.00	48,700.00	47,650.00	-	47,650.00	1,050.00	98%
006 Right-of-Way and Layout	-	-	-	-	-	-	-	-	-
007 Project Meetings/Coordination	6,000.00	10,000.00	1,000.00	17,000.00	16,927.50	-	16,927.50	72.50	100%
008 Abutter Coordination	-	-	-	-	-	-	-	-	-
009 Bidding and Negotiating	4,000.00	-	-	4,000.00	-	-	-	4,000.00	-
010 Final Traffic Signal Layout Plans (As-Built)	-	-	-	-	-	-	-	-	-
011 Construction Services	85,000.00	(15,200.00)	(9,000.00)	60,800.00	1,352.50	432.50	1,785.00	59,015.00	3%
012 Utility Coordination	-	-	-	-	-	-	-	-	-
LABOR FEE	177,000.00	-	-	177,000.00	111,580.00	432.50	112,012.50	64,987.50	63%
995 Expenses (estimated)	5,000.00	-	-	5,000.00	308.60	-	308.60	4,691.40	6%
A01 Borings	15,000.00	-	-	15,000.00	-	-	-	15,000.00	0%
EXPENSE FEE	20,000.00	-	-	20,000.00	308.60	-	308.60	19,691.40	2%
TOTALS	197,000.00	-	-	197,000.00	111,888.60	432.50	112,321.10	84,678.90	57%



Invoice

Vanasse & Associates, Inc.
TRANSPORTATION ENGINEERS AND PLANNERS
35 New England Business Center Drive
Suite 140
Andover, MA 01810

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

July 14, 2023
Project No: 9000
Invoice No: 43539

Invoice Total: \$350.00

Stoneham High School
EMAIL to bos.ap@perkinswill.com

Professional Services from May 28, 2023 to July 01, 2023

Phase Number: 011 Construction Services

Professional Personnel

	Hours	Rate	Amount	
Talcoff, Drew	2.00	175.00	350.00	
Totals	2.00		350.00	
Total Labor				350.00
		Phase Total		\$350.00
		TOTAL THIS INVOICE		\$350.00



INVOICE CONTRACT SUMMARY

VAI Project #: 9000
Project Location: Stoneham, MA
Project Client: Perkins & Will
Period Ending: 7/1/2023

Phase Code / Description	Original Contract Amount	Amendment Nos. 1-3	Amendment No. 4	Total Contract	Previous Billing	Current Invoice	Total Billed to Date	Remaining Budget	% Complete
001 Data Collection and Base Plans	5,000.00	-	-	5,000.00	4,150.00	-	4,150.00	850.00	83%
002 Roadway Safety Audit (RSA)	-	-	-	-	-	-	-	-	-
003 Preliminary Engineering	32,000.00	-	-	32,000.00	32,000.00	-	32,000.00	-	100%
03A Temporary Traffic Signal Design	-	9,500.00	-	9,500.00	9,500.00	-	9,500.00	-	-
004 Environmental Permit Documents	-	-	-	-	-	-	-	-	-
005 Final Engineering	45,000.00	(4,300.00)	8,000.00	48,700.00	47,650.00	-	47,650.00	1,050.00	98%
006 Right-of-Way and Layout	-	-	-	-	-	-	-	-	-
007 Project Meetings/Coordination	6,000.00	10,000.00	1,000.00	17,000.00	16,927.50	-	16,927.50	72.50	100%
008 Abutter Coordination	-	-	-	-	-	-	-	-	-
009 Bidding and Negotiating	4,000.00	-	-	4,000.00	-	-	-	4,000.00	-
010 Final Traffic Signal Layout Plans (As-Built)	-	-	-	-	-	-	-	-	-
011 Construction Services	85,000.00	(15,200.00)	(9,000.00)	60,800.00	1,785.00	350.00	2,135.00	58,665.00	4%
012 Utility Coordination	-	-	-	-	-	-	-	-	-
LABOR FEE	177,000.00	-	-	177,000.00	112,012.50	350.00	112,362.50	64,637.50	63%
995 Expenses (estimated)	5,000.00	-	-	5,000.00	308.60	-	308.60	4,691.40	6%
A01 Borings	15,000.00	-	-	15,000.00	-	-	-	15,000.00	0%
EXPENSE FEE	20,000.00	-	-	20,000.00	308.60	-	308.60	19,691.40	2%
TOTALS	197,000.00	-	-	197,000.00	112,321.10	350.00	112,671.10	84,328.90	57%





LGCI

Lahlaf Geotechnical Consulting, Inc.
 100 Chelmsford Road
 Suite 2
 Billerica, MA 01862
 Phone: (978) 330-5912
 Fax: (978) 330-5056
 E-mail: LGCI@LGCinc.net

Invoice

Invoice No.:	2022-23
Invoice for Period Ending:	10/29/2023
Date:	11/6/2023

Bill To

Perkins + Will
 Ms. Brooke Trivas
 225 Franklin Street
 Suite 1100
 Boston, MA 02110

Terms	Client No.	Project Name	Project Number	Location
Due on receipt	0940	Prop. Stoneham High School	2022	Stoneham, MA
Description		Qty	Rate	Amount
Services performed Aug 28-Oct 29, 2023				
LGCI Proposal No. 21047-Rev.2			\$200,485.00	
Amount Previously Invoiced			\$158,811.78	
Current LGCI Invoice No. 2022-23			\$2,265.05	
Amount Invoiced to date			\$161,076.83	
Balance remaining from Budget amount			\$39,408.17	
Construction Services				
Task 3.2 - Rev Geo Aspects of Submits/RFIs				
Geotech Submittal		3.1	107.00	331.70
Senior Engineer Submittal/RFI		0.4	150.00	60.00
Task 3.3 - Field Services				
Junior Geotech Rep. - 3 Site Visits		14.1	88.50	1,247.85
Junior Geotech - Prepare Field Report		3	88.50	265.50
Mob Cost		3	40.00	120.00
Task 3.4 Field Reports, Review and Coordination				
Senior Engineer for Coordination and Review		1.6	150.00	240.00
Make check payable to Lahlaf Geotechnical Consulting, Inc.				
Total due this invoice				\$2,265.05

Balance Due	\$2,265.05
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Mr. Dennis Sheehan
 Town Administrator
 Town of Stoneham
 35 Central St
 Stoneham, MA 02180

December 1, 2023
 Project No: 20033.00
 Invoice No: 0060499

Project 20033.00 Stoneham High School OPM Services
Professional Services from October 28, 2023 to November 24, 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	40.611	1,293,499.76	1,193,999.76	99,500.00
Closeout	220,000.00	0.00	0.00	0.00	0.00
Total Fee	4,710,100.00		2,598,499.76	2,498,999.76	99,500.00
		Total Fee			99,500.00

Consultants

UTS of Massachusetts, Inc.	18,180.80
Total Consultants	18,180.80
	Total this Invoice
	\$117,680.80

Outstanding Invoices

Number	Date	Balance
0060226	11/9/2023	99,500.00
Total		99,500.00

Billings to Date

	Current	Prior	Total
Fee	99,500.00	2,498,999.76	2,598,499.76
Consultant	18,180.80	175,035.57	193,216.37
Expense	0.00	31,995.12	31,995.12
Totals	117,680.80	2,706,030.45	2,823,711.25

Authorized By: Julie Leduc



U.T.E.S. Of Massachusetts Inc.
"The Construction Testing People"

5 Richardson Lane, Stoneham, MA 02180 781-438-7755 (Voice) 781-438-6216 (Fax)

Robert Smith

Digitally signed by Robert Smith
 DN: C=US,
 E=rsmith@smma.com,
 O=SMMA, OU=Owners Project
 Manager, CN=Robert Smith
 Reason: I have reviewed this
 document
 Date: 2023.11.01
 07:18:18-04'00'

To: Symmes Maini & McKee Assoc
 Julie Leduc
 1000 Massachusetts Avenue
 Proj# 20033
 Cambridge, MA 02138

Invoice Date: 10/13/2023
 Page Number: 1
 Invoice Number: 108321
 Job Number: 27167
 Terms: **Due Upon Receipt**

Project: **Stoneham High School**
149 Franklin Street, Stoneham, MA

DATE	QUANTITY	DESCRIPTION	RATE	AMOUNT
09/18/2023	24.00	Cylinders - 4 x 8	16.00	384.00
09/18/2023	1.00	Max/Field	380.00	380.00
09/18/2023	1.00	Max/Field	380.00	380.00
09/18/2023	1.00	Min/Light Gauge Metal Framing	240.00	240.00
09/19/2023	1.00	Cyl/Trans	40.00	40.00
09/19/2023	3.00	Density Tests	30.00	90.00
09/19/2023	1.00	Hrs/Fireproofing Lab	100.00	100.00
09/19/2023	1.00	Min/Air Vapor Barrier	280.00	280.00
09/20/2023	1.00	Min/Steel	240.00	240.00
09/20/2023	1.00	Min/Air Vapor Barrier	280.00	280.00
09/21/2023	18.00	Cylinders - 4 x 8	16.00	288.00
09/21/2023	1.00	Max/Field	380.00	380.00
09/21/2023	1.00	Max/Field	380.00	380.00
09/22/2023	1.00	Cyl/Trans	40.00	40.00
09/22/2023	1.00	Min/Steel	240.00	240.00
09/22/2023	1.00	Min/Steel	240.00	240.00
09/22/2023	1.00	F-Number, SOG Lev.1 Gym Pour 2	850.00	850.00
09/25/2023	1.00	Min/Steel	240.00	240.00
09/26/2023	1.00	Max/Light Gauge Metal Framing	460.00	460.00
09/27/2023	24.00	Cylinders - 4 x 8	16.00	384.00
09/27/2023	1.00	Max/Field	380.00	380.00
09/27/2023	1.00	Max/Field	380.00	380.00
09/28/2023	1.00	Cyl/Trans	40.00	40.00
09/28/2023	1.00	Min/Steel	240.00	240.00
09/29/2023	4.00	Hrs/Firestopping-IFC	175.00	700.00



Of Massachusetts Inc.
"The Construction Testing People"

5 Richardson Lane, Stoneham, MA 02180 781-438-7755 (Voice) 781-438-6216 (Fax)

To: Symmes Maini & McKee Assoc
 Julie Leduc
 1000 Massachusetts Avenue
 Proj# 20033
 Cambridge, MA 02138

Invoice Date: 10/13/2023
 Page Number: 2
 Invoice Number: 108321
 Job Number: 27167
 Terms: **Due Upon Receipt**

Project: **Stoneham High School**
149 Franklin Street, Stoneham, MA

DATE	QUANTITY	DESCRIPTION	RATE	AMOUNT
10/02/2023	1.00	Min/Steel	240.00	240.00
10/03/2023	6.00	Cylinders - 4 x 8	16.00	96.00
10/03/2023	1.00	Min/Field	200.00	200.00
10/03/2023	6.00	Cylinders - 4 x 8	16.00	96.00
10/03/2023	1.00	Min/Rebar - A.M.	230.00	230.00
10/03/2023	1.00	Min/Rebar - P.M.	230.00	230.00
10/04/2023	1.00	Cyl/Trans	40.00	40.00
10/04/2023	18.00	Cylinders - 4 x 8	16.00	288.00
10/04/2023	1.00	Max/Field	380.00	380.00
10/04/2023	1.00	Max/Field	380.00	380.00
10/05/2023	1.00	Cyl/Trans	40.00	40.00
10/10/2023	1.00	Min/Air Vapor Barrier	280.00	280.00
10/11/2023	1.00	Min/Steel	240.00	240.00
<u>TOTAL THIS INVOICE:</u>				10,396.00

All File Test reports will be discarded 6 months after completion of our services.

CC:

<u>Company Name</u>	<u>Contact Name</u>	<u>Invoice Type</u>	<u>Delivery Method</u>
SMMA	Accounts Payable	Original	Email
Symmes Maini & McKee Assoc	Julie Leduc	Copy	Email
SMMA	Bob Smith	Copy	Email



U.T.S. Of Massachusetts Inc.
"The Construction Testing People"

5 Richardson Lane, Stoneham, MA 02180 781-438-7755 (Voice) 781-438-6216 (Fax)

To: Symmes Maini & McKee Assoc
 Julie Leduc
 1000 Massachusetts Avenue
 Proj# 20033
 Cambridge, MA 02138

Invoice Date: 10/13/2023
 Page Number: 3
 Invoice Number: 108321
 Job Number: 27167
 Terms: **Due Upon Receipt**

Project: **Stoneham High School**
149 Franklin Street, Stoneham, MA

DATE	QUANTITY	DESCRIPTION	RATE	AMOUNT
P.O. Recap				
P.O. Amount: 200,000.00				
		<u>Invoice No.</u>	<u>Invoice Date</u>	<u>Invoice Amount</u>
		101160	07/22/2022	7,181.25
		101587	08/19/2022	3,262.48
		102027	09/16/2022	2,300.00
		102484	10/14/2022	4,125.00
		102935	11/11/2022	4,806.25
		103397	12/09/2022	10,359.00
		103866	01/06/2023	4,245.00
		104295	02/03/2023	4,573.00
		104695	03/03/2023	4,651.00
		105119	03/31/2023	4,720.00
		105569	04/28/2023	5,739.00
		106051	05/26/2023	17,398.50
		106496	06/23/2023	17,843.25
		106925	07/21/2023	15,247.00
		107384	08/18/2023	19,918.00
		107846	09/15/2023	23,564.50
		108321	10/13/2023	10,396.00
		Invoiced to Date		\$160,329.23
		P. O. Remaining		39,670.77



Of Massachusetts Inc.
"The Construction Testing People"

5 Richardson Lane, Stoneham, MA 02180 781-438-7755 (Voice) 781-438-6216 (Fax)

To: Symmes Maini & McKee Assoc
 Julie Leduc
 1000 Massachusetts Avenue
 Proj# 20033
 Cambridge, MA 02138

Invoice Date: 10/13/2023
 Page Number: 1
 Invoice Number: 108321
 Job Number: 27167
 Terms: **Due Upon Receipt**

Project: **Stoneham High School**
149 Franklin Street, Stoneham, MA

DATE	QUANTITY	DESCRIPTION	RATE	AMOUNT
09/18/2023	24.00	Cylinders - 4 x 8	16.00	384.00
09/18/2023	1.00	Max/Field	380.00	380.00
09/18/2023	1.00	Max/Field	380.00	380.00
09/18/2023	1.00	Min/Light Gauge Metal Framing	240.00	240.00
09/19/2023	1.00	Cyl/Trans	40.00	40.00
09/19/2023	3.00	Density Tests	30.00	90.00
09/19/2023	1.00	Hrs/Fireproofing Lab	100.00	100.00
09/19/2023	1.00	Min/Air Vapor Barrier	280.00	280.00
09/20/2023	1.00	Min/Steel	240.00	240.00
09/20/2023	1.00	Min/Air Vapor Barrier	280.00	280.00
09/21/2023	18.00	Cylinders - 4 x 8	16.00	288.00
09/21/2023	1.00	Max/Field	380.00	380.00
09/21/2023	1.00	Max/Field	380.00	380.00
09/22/2023	1.00	Cyl/Trans	40.00	40.00
09/22/2023	1.00	Min/Steel	240.00	240.00
09/22/2023	1.00	Min/Steel	240.00	240.00
09/22/2023	1.00	F-Number, SOG Lev.1 Gym Pour 2	850.00	850.00
09/25/2023	1.00	Min/Steel	240.00	240.00
09/26/2023	1.00	Max/Light Gauge Metal Framing	460.00	460.00
09/27/2023	24.00	Cylinders - 4 x 8	16.00	384.00
09/27/2023	1.00	Max/Field	380.00	380.00
09/27/2023	1.00	Max/Field	380.00	380.00
09/28/2023	1.00	Cyl/Trans	40.00	40.00
09/28/2023	1.00	Min/Steel	240.00	240.00
09/29/2023	4.00	Hrs/Firestopping-IFC	175.00	700.00



Of Massachusetts Inc.
"The Construction Testing People"

5 Richardson Lane, Stoneham, MA 02180 781-438-7755 (Voice) 781-438-6216 (Fax)

To: Symmes Maini & McKee Assoc
 Julie Leduc
 1000 Massachusetts Avenue
 Proj# 20033
 Cambridge, MA 02138

Invoice Date: 10/13/2023
 Page Number: 2
 Invoice Number: 108321
 Job Number: 27167
 Terms: **Due Upon Receipt**

Project: **Stoneham High School**
149 Franklin Street, Stoneham, MA

DATE	QUANTITY	DESCRIPTION	RATE	AMOUNT
10/02/2023	1.00	Min/Steel	240.00	240.00
10/03/2023	6.00	Cylinders - 4 x 8	16.00	96.00
10/03/2023	1.00	Min/Field	200.00	200.00
10/03/2023	6.00	Cylinders - 4 x 8	16.00	96.00
10/03/2023	1.00	Min/Rebar - A.M.	230.00	230.00
10/03/2023	1.00	Min/Rebar - P.M.	230.00	230.00
10/04/2023	1.00	Cyl/Trans	40.00	40.00
10/04/2023	18.00	Cylinders - 4 x 8	16.00	288.00
10/04/2023	1.00	Max/Field	380.00	380.00
10/04/2023	1.00	Max/Field	380.00	380.00
10/05/2023	1.00	Cyl/Trans	40.00	40.00
10/10/2023	1.00	Min/Air Vapor Barrier	280.00	280.00
10/11/2023	1.00	Min/Steel	240.00	240.00
<u>TOTAL THIS INVOICE:</u>				10,396.00

All File Test reports will be discarded 6 months after completion of our services.

CC:

<u>Company Name</u>	<u>Contact Name</u>	<u>Invoice Type</u>	<u>Delivery Method</u>
SMMA	Accounts Payable	Original	Email
Symmes Maini & McKee Assoc	Julie Leduc	Copy	Email
SMMA	Bob Smith	Copy	Email



U.T.S. Of Massachusetts Inc.
"The Construction Testing People"

5 Richardson Lane, Stoneham, MA 02180 781-438-7755 (Voice) 781-438-6216 (Fax)

To: Symmes Maini & McKee Assoc
 Julie Leduc
 1000 Massachusetts Avenue
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Invoice Date: 10/13/2023
 Page Number: 3
 Invoice Number: 108321
 Job Number: 27167
 Terms: **Due Upon Receipt**

Project: **Stoneham High School**
149 Franklin Street, Stoneham, MA

DATE	QUANTITY	DESCRIPTION	RATE	AMOUNT
<u>P.O. Recap</u>				
P.O. Amount: 200,000.00				
		<u>Invoice No.</u>	<u>Invoice Date</u>	<u>Invoice Amount</u>
		101160	07/22/2022	7,181.25
		101587	08/19/2022	3,262.48
		102027	09/16/2022	2,300.00
		102484	10/14/2022	4,125.00
		102935	11/11/2022	4,806.25
		103397	12/09/2022	10,359.00
		103866	01/06/2023	4,245.00
		104295	02/03/2023	4,573.00
		104695	03/03/2023	4,651.00
		105119	03/31/2023	4,720.00
		105569	04/28/2023	5,739.00
		106051	05/26/2023	17,398.50
		106496	06/23/2023	17,843.25
		106925	07/21/2023	15,247.00
		107384	08/18/2023	19,918.00
		107846	09/15/2023	23,564.50
		108321	10/13/2023	10,396.00
		Invoiced to Date		\$160,329.23
		P. O. Remaining		39,670.77



Of Massachusetts Inc.
"The Construction Testing People"

May 6, 2022

Mr. Joel Seeley
Symmes Maini & McKee Associates
1000 Massachusetts Avenue
Cambridge, MA 02138

RE: Stoneham High School – 149 Franklin Street
Stoneham, Massachusetts

Dear Mr. Seeley:

In response to your request for a proposal, we are pleased to have the opportunity to introduce our firm and the scope of services we provide. UTS of Massachusetts, Inc. is a third-generation, family owned and operated business that has been servicing the construction industry throughout New England for more than 52 years, providing the highest quality engineering, testing and inspection services for both the private and public sector.

UTS of Massachusetts is an approved and independent materials testing laboratory complying with all state regulations governing such certifications. Our field staff consists of licensed civil and geotechnical engineers, engineers-in-training and technicians experienced in various phases of construction engineering, testing and inspection. Materials inspection and testing includes, but is not limited to, soil, concrete, masonry, steel, spray fireproofing and bituminous concrete.

UTS of Massachusetts is accredited by the Commonwealth of Massachusetts Concrete Testing Laboratory Number C.T.L. #009, Army Corp of Engineers, AASHTO, and the National Institute of Standards and Technology's Concrete and Cement Reference Laboratory Number CCRL #009. Additionally, our laboratory and field personnel are certified by ACI Level I, ACI Level II, AWS, ASNT and ICC. This is validated through audits and proficiency sample programs. We work with state-of-the art field and laboratory equipment, assuring our clients fast and accurate test results. All work, both field and laboratory are performed in accordance with all applicable standards, specifications and codes. Our clients have come to depend on UTS for this, as well as our ability to provide creative solutions and remedial action to problems that may arise during any phase of the construction project.

UTS employs on its staff five ACI Level II Concrete Construction Special Inspectors. The special inspectors are qualified to inspect and record the results of concrete construction inspection based on codes and job specifications. The program covers inspection during pre-placement, placement, and post placement operations.

UTS of Massachusetts is pleased to announce that we have three purchased an Allen Face Co. D-Meters and we have multiple trained and certified technicians who are now performing F-Number Testing of concrete floor slabs to provide F(f) and F(l) tolerances.



Of Massachusetts Inc.
"The Construction Testing People"

UTS of Massachusetts have four trained and certified technicians who can perform Window/Door testing. Our technicians are trained and certified to perform air infiltration and water penetration testing of windows, skylights, and doors, as well as the cladding, flashing and installation assemblies.

UTS of Massachusetts now employs two International Firestop Council (IFC) certified Fire Stop inspector. The IFC program is the only curriculum currently available that provides third-party inspectors with the high training and competency level required to conduct such inspections.

UTS of Massachusetts provides these services to owners, developers, architects and structural engineers. We pride ourselves on being an integral part of the construction process and work to deliver diligent management of the quality control schedule of testing and inspection. We are confident we retain the expertise to meet your project needs.

Thank you for taking the time to look over the enclosed proposal. We look forward to partnering with you on your upcoming project. If you have any questions, please do not hesitate to reach out to me directly.

Sincerely,
UTS OF MASSACHUSETTS, INC.

Bryan M. Crabtree
Head of Business Development & Operations Manager



Of Massachusetts Inc.
"The Construction Testing People"

PROJECT	OWNER	ARCHITECT	ENGINEER
Avery Elementary School Dedhan, MA	Joann Corsi Construction Monitoring 270 Main Street Marlborough, MA 01752 508-786-0600	Lee Wuelfing Dore & Whittier Arch. 260 Merrimac Street Newburyport, MA 01950 978-499-2999	Mehul Druv EDG, Inc. 434 Mass Ave Boston, MA 02118 617-357-5717
Bancroft Elementary School Andover, MA	Trip Elmore Dore & Whittier 260 Merrimac Street Newburyport, MA 01950 978-499-2999	Jonathan Donner Dore & Whittier 260 Merrimac Street Newburyport, MA 01950 978-314-5313	David C. Fanuele Symes Maini & McKee 1000 Mass Ave Boston, MA 02138 617-547-5400
N. Reading Middle High School North Reading, MA	Jeff Wetton, OPM PMA Consultants, LLC 25 BraintreeHill OfficePk Braintree, MA 02184 617-835-4674	Drad Dore Dore & Whittier 260 Merrimac Street Newburyport, MA 01950 978-499-2999	Richard Mitchell EDG Inc. 434 Mass Ave Boston, MA 02118 617-357-5717
New Stoneham Middle School Stoneham, MA	Bill McNally Joslin Lesser & Assoc 44 Pleasant St. Watertown, MA 02472 617-721-3755	Matt Barnhart Tappe Assoc 6 Edgerly Place Boston, MA 02116 617-431-0200	Mark P. Mitsch, P.E. Weston & Sampson 5 Centennial Drive Peabody, MA 01960 978-582-1900
Methuen High Sch. Methuen, MA	Stephen Theran KBA/Trident 6 Thirteenth St Charlestown, MA 02129 617-241-2807	Regan Shield-Ives Finegold & Alexander 77 N. Washington St. Boston, MA 02114 617-227-9272	Marshall Puffer EDG, Inc. 434 Mass Ave Boston, MA 02118 617-357-5717



Of Massachusetts Inc.
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UTS HAS COMPLETED THE FOLLOWING SIMILAR PROJECTS

PROJECT	OWNER	ARCHITECT	ENGINEER
Bristol County Agricultural High School - MSBA Project 135 Center Street Dighton, MA	Mark Stafford c/o Colliers International 135 Center Street Dighton, MA 02715 413-592-0030	Bobby Williams HMFH Architects, Inc. 130 Bishop Allen Dr. Cambridge, MA 02139 617-492-2200	Jonathan D. Buhl Foley Buhl Roberts & Assoc. 2150 Washington Street Newton, MA 02462 617-926-9486
North Reading Middle/High School - MSBA Project North Reading, MA	Joanna Kripp Gilbane Building Company 10 Channel Center Street Boston, MA 02210	Dave Mentzer Dore & Whittier Architects 260 Merrimac Street Newburyport, MA 01950 978-499-2999	Nick Lanney HML Associates 10 Rockwood Road Hingham, MA 02043 781-740-9999
Bresnahan Elementary Nock/Molin Middle Schools Newburyport, MA	Steve Bergholm Newburyport Public Sch. 70 Low St. Newburyport, MA 01950 978-465-4400	Allan Pemstein HMFH Architects 130 BRA Drive Cambridge, MA 02139 617-492-2200	Jonathan D. Buhl FBRA 2150 Washington St. Newton, MA 02462 617-527-9600
Bay Path Regional Vocational H.S. 57 Old Muggett Hill Rd. Charlton, MA	Dean Iacobucci BPRVHS 57 Old Muggett Hill Rd. Charlton, MA 01507 508-248-5971	David McKinley KBA Architects 6 Thirteenth St. Charlestown, MA 02129 617-241-2807	Ed Flaherty LeMessurier Consult. 675 Mass Ave Cambridge, MA 02138 617-868-1200
N. Reading Middle High School North Reading, MA	Jeff Wetton, OPM PMA Consultants, LLC 25 BraintreeHill OfficePk Braintree, MA 02184 617-835-4674	Drad Dore Dore & Whittier 260 Merrimac Street Newburyport, MA 01950 978-499-2999	Richard Mitchell EDG Inc. 434 Mass Ave Boston, MA 02118 617-357-5717



Of Massachusetts Inc.

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Unit Cost



UTS of Massachusetts Inc.
"The Construction Testing People"

May 6, 2022
 P26602

Mr. Joel Seeley
 Symmes Maini & McKee Associates
 1000 Massachusetts Avenue
 Cambridge, MA 02138

Unit Rates Listed
 below superceded
 by Unit Rates
 listed in Proposal
 Response

RE: Stoneham High School – 149 Franklin Street
 Stoneham, Massachusetts

Dear Mr. Seeley:

We are pleased to submit the following contract for testing and inspection services for your consideration.

SOILS

Mechanical Analysis	\$ 120.00
Proctor Density	\$ 135.00
#200 Wash Sieve	\$ 120.00
Professional Engineer, as needed, per hour	\$ 175.00
Staff Engineer (EIT), as needed, per hour	\$ 95.00
Field Inspection	
Services of an experienced technician at the site to observe placement of fill and conduct required density tests to check compaction of same; all required equipment for testing to be supplied by us and used in space provided by the General Contractor.	
Sand Cone Method	
(maximum day)	\$ 380.00
(minimum day)	\$ 200.00
Nuclear Densometer Method	
(maximum day)	\$ 400.00
(minimum day)	\$ 210.00
Daily Troxler usage charge (per day)	\$ 45.00
Transportation of soil samples to lab for testing when man not at site (per trip)	\$ 40.00



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CONCRETE

Plant Inspection

Services of an experienced inspector to verify the moisture content, gradation, batch times, batch weights, and inclusion of additives to concrete. Inspector will also document any adjustments to batch weights and/or additives to concrete.

(maximum day)	\$ 380.00
(minimum day)	\$ 200.00

Field Inspection

Services of an experienced inspector at the site to check slump, air and density of fresh concrete; fabricate test specimens; daily report of work; specimens to be temporarily stored at site in acceptable box supplied by the General Contractor.

(maximum day)	\$ 380.00
(minimum day)	\$ 200.00

Cylinder Testing

Includes casting in molds (furnished by UTS), removal from molds, labeling, entering into our database, curing and storage in proper CCRL approved curing facility, compressive strength testing per specified schedule (ASTM C39), reporting results and disposal. All cylinders logged into lab reporting system will be compressive strength tested and reported.

(per sample) (4 x 8)	\$ 16.00
(per sample) (6 x 12)	\$ 25.00

Transportation of cylinders to lab when man not at site or when three or more sets (per trip)	\$ 40.00
---	----------

MASONRY

Field Inspection

Services of an experienced inspector to witness batching of mortar in the field; witness placing of block; sampling of block, grout and mortar in accordance with specifications; witnessing fabrication of test prisms; daily report of work.

(maximum day)	\$ 400.00
(minimum day)	\$ 210.00



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Mortar Testing

Curing, testing, reporting of mortar cubes in conjunction with field inspection (per cube) \$ 16.00

Grout Prism Testing

Curing, capping, testing, reporting of grout test prisms in conjunction with field inspection (per prism) \$ 30.00

Block Prism Testing

Curing, capping, testing, reporting of block test prisms, fabricated by the mason contractor, in conjunction with field inspection (2 block high-8x16) (per prism) \$ 50.00

Transportation of test samples to lab for testing when man not at site (per trip) \$ 40.00

STRUCTURAL STEEL

Fabrication

Services of an experienced inspector to perform a structural steel shop inspection. Duties will include the review of the Quality Control Manual, welding procedures, welder qualifications, Certificates of Compliance, material traceability and quality control inspection reporting as required in the Statement of Special Inspections. Perform a visual inspection of the cutting, layout, bolting and welding procedures. Perform visual inspections of completed members including dimensional verification, weld quality and conformance with the respective shop drawing. Perform non-destructive testing using the magnetic particle and/or ultrasonic methods, as required. A comprehensive report will be generated describing the observations of said inspection (per hour) \$ 125.00

Plus, travel at fabrication rate, expenses & lodging, if applicable.



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Reinforcing Steel

Services of an experienced inspector at the site to continuously monitor placement of reinforcing steel for spacing, size and grade as required, daily reporting.

(maximum day) \$ 440.00

(minimum day) \$ 230.00

Erection

Services of an experienced inspector at the site for the visual inspection of field welds and high strength bolting inspection at structural steel connections.

(maximum day) \$ 460.00

(minimum day) \$ 240.00

Nondestructive Testing

Services of an experienced inspector to perform ultrasonic, magnetic particle or dye penetrant testing in accordance with applicable standards.

(maximum day) \$ 560.00

(minimum day) \$ 300.00

Light Gauge Metal Framing

Services of an experienced inspector to verify type, size, quantity, location, details, and connections of framing members.

(maximum day) \$ 460.00

(minimum day) \$ 240.00

ROOFING INSPECTION

The services of an experienced technician for control and inspection of roofing in accordance with the job specifications and requirements; daily reporting.

(maximum day) \$ 500.00

(minimum day) \$ 260.00



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AIR VAPOR BARRIER THICKNESS TESTING

Services of an experience technician to monitor the installation/application of liquid air vapor barrier, and perform thickness testing as material is being applied.

(maximum day)

\$ 540.00

(minimum day)

\$ 280.00

FIREPROOFING INSPECTION

Services of an experienced inspector to observe application of fireproofing in accordance with specifications.

(maximum day)

\$ 440.00

(minimum day)

\$ 230.00

ASTM E605 Test Methods for Thickness and Density (per test)

\$ 30.00

ASTM E736 Test Methods for Cohesion/Adhesion (per test)

\$ 30.00

Laboratory Testing (per hour)

\$ 100.00

FIRESTOPPING INSPECTION

IFC Certified Inspector

Services of an experienced **International Firestop Council (IFC) certified inspector** to visually inspect and test fire stop systems. Inspector will also review project plans and specifications as needed for compliance with,

ASTM E2174-Standard Practice of On-Site Inspection of Installed Fire Stops.

ASTM E2393-Standard Practice of On-Site Inspection of Installed Fire Resistive Joint Systems and Fire Barriers.

(per hour)

\$ 175.00

In order for UTS to perform the required inspection and field testing for the on-site firestop systems, UTS needs a complete set of inspection documents, including the listed design for every firestop system that is in use on-site from each trade that is installing firestop, along with an on-site kick off meeting.



U T S of Massachusetts Inc.
"The Construction Testing People"

BITUMINOUS CONCRETE

Field Observation and Testing

The services of an experienced asphalt technician at the project site to observe placement of bituminous concrete, depth of binder and topcoat, observe compaction procedures and submit daily reports of these activities.

(maximum day)	\$ 400.00
(minimum day)	\$ 210.00

Laboratory Analysis of Materials:

Extractions (per test)	\$ 125.00
Marshall Density Determinations (each)	\$ 125.00

WINDOW TESTING

See Attachment A

The final cost of testing services will be determined by the actual testing and inspections performed at the unit prices provided in the price proposal.

ESTIMATED COST OF TESTING & INSPECTIONS \$200,000.00

U T S of Massachusetts, Inc. is an approved testing laboratory, License No. CTL-009, complying with all state regulations governing such certifications.

Testing and inspection can commence immediately. Please notify our office as to who will be requesting services covered by this proposal.

The above prices are based on the following conditions:

- A. Notification of inspection must be received twenty-four (24) hours prior to inspection for prompt service. Short notice and/or same day notifications are subject to a \$100.00 surcharge.
- B. Cancellation of scheduled inspection will be a minimum day rate unless notified four (4) hours in advance of scheduled inspection. Cancellation must be received during business hours only.



Of Massachusetts Inc.
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- C. Overtime Monday through Friday will be at time and one-half rate. Saturdays, Sundays and Holidays will be billed at double time rate. Overtime will be billed anytime the workday exceeds 8 hours or if work is done outside of normal business hours. Normal business hours are Monday through Friday 7:00 AM to 5:00 PM.
- D. Multi-Service field inspection is when an inspector performs inspections for multiple services during a single site visit. Multi-Service field inspections will be billed at the higher rate of the two services. This service is as permitted by the daily workload.
- E. There will be no additional charges for mileage or any other expenses including parking. If parking is not provided by the project free of charge, it will be invoiced at cost plus a 10% charge.
- ~~F. Travel time to and from the project will be billed at the rate of \$50.00 per hour. A one (1) hour round trip will be charged.~~
- G. All lab work performed outside of normal business hours will be subject to a lab opening surcharge.
- H. Any changes to scheduled concrete cylinder breaks after they have been inventoried will be subject to an additional charge of \$25.00 per cylinder.
- I. Client agrees not to hire UTS personnel for at least one (1) year after completion of this contract.
- J. Up to six test reports to you for distribution. Please be aware that all of our reports are available as PDF files via email. Upon request for additional administrative work, reports needed to be uploaded into site specific formats are subject to administrative charge.
- K. The proposed prices on this proposal are valid for 90 days. After 90 days, if not agreed upon, the prices may be revisited and adjusted.
- ~~L. To the fullest extent permitted by law, Contractor/Owner shall indemnify, defend, and hold harmless UTS, UTS's consultants, and any agents and employees of each (with counsel acceptable to UTS) from and against any and all claims, damages, losses and expenses, for bodily injury, sickness, disease, or death or injury to or destruction of tangible property, including but not limited to all defense costs and attorney's fees, arising out of or resulting from performance of the work, including any and all alleged acts or omissions by UTS or its consultants, agents or employees, as well as those arising out of the acts or omissions of Contractor/Owner, an Architect, a Subcontractor, a Supplier, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, or any other person or entity regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder. Notwithstanding any other provision of this Agreement, such obligation shall be read to comply with applicable statutes and shall be extended to all circumstances referenced herein unless specifically prohibited by law. All obligations under this Section shall survive any termination of this Agreement.~~



Of Massachusetts Inc.
"The Construction Testing People"

We appreciate the opportunity to be of service to you and we look forward to working with you on this project.

Please **SIGN** and **RETURN** accepted proposal prior to commencement of work, **THANK YOU**.

Sincerely,

U T S OF MASSACHUSETTS, INC.

Bryan M. Crabtree
Head of Business Development & Operations Manager

ACCEPTED BY: _____

DATE: 6/13/22

P26602



Of Massachusetts Inc.
"The Construction Testing People"

ATTACHMENT A

Window, Door, & Curtain Wall Testing

May 6, 2022

Re: Field Tests of Windows, Doors, and Curtain Wall
Stoneham High School – 149 Franklin Street
Stoneham, Massachusetts

Dear Mr. Seeley:

We are writing in response to your request for a proposal to perform air infiltration and/or water penetration testing on windows, doors and curtain walls installed at the above referenced project. Based upon our conversation, we propose to provide the following testing services.

We propose to perform air infiltration testing in general accordance with ASTM E783, "*Standard Test Method for Field Measurement of Air Leakage through Installed Exterior Windows and Doors,*" and water penetration testing in general accordance with ASTM E1105, "*Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Curtain Walls and Doors by Uniform or Cyclic Static Air Pressure Difference,*" or AAMA 502-12, "*Voluntary Specification for Field Testing of Newly Installed Fenestration Products.*" as well as AAMA 501.2 "*Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls and Sloped Glazing Systems.*" Testing will be conducted at the pressures stated in the specifications.

All tests shall be in accordance with the Specifications.

Access to the interior surfaces of the window/door/curtain walls, electrical connections, and water connections for our hoses located near the test areas are to be provided by others. Access to the exterior is also to be provided by others, i.e., lifts or staging. We recommend that interior finishes should not be installed at the test locations until after the tests are completed, or, if finishes are already in-place, such finishes should be removed. Any damage to paint and wall surfaces resulting from the attachment of the test chamber is to be repaired by others. Perimeter caulking beads shall be allowed to cure for a minimum of 72 hours prior to field testing of the window.

We request that representatives of the window/door/curtain wall installer, window/door/curtain wall manufacturer, and any other trades which are associated with the installation, such as the air/vapor barrier installer, weatherproofing contractor, and architect, be notified of these tests so that they may be present during testing. Upon completion of our tests, we will issue a written report detailing our tests and results for the window/door/curtain walls, and describing our observations of the testing.



Of Massachusetts Inc.
"The Construction Testing People"

Our charges for these testing services for the windows, doors, and curtain walls, including the report, will be at a rate of \$2,800.00 per day. This is based upon a regular workday of eight hours (seven hours in the field and 1 hour to write the report) during the regular work week of Monday through Friday.

If a quantity of windows that can be tested in a day is provided, it is strictly an estimate based on ideal conditions. The amount of windows to be tested is subject to change due to variation of window size(s), interior and exterior window accessibility, and project conditions. Our charges for any other services, such as attendance of meetings, if required, will be invoiced for actual hours of service in accordance with "Schedule of Fees and Conditions," page which is hereby made part of this proposal. Reimbursable expenses, if any, will be invoiced at cost plus ten percent. Invoices will be submitted once a month for services performed during the previous month. Payment of our invoices will be due within thirty days of invoice date.

Note: On the occasion when UTS is on-site and windows cannot be tested for any reason, such as incomplete installation or lack of access, etc., resulting in a cancellation of the testing, a minimum charge of \$1,300.00 will be applied.

We appreciate the opportunity to submit our proposal and we will be pleased to be of service. If this proposal is acceptable to you, please sign the enclosed copy and return it to us for our files. In addition, please provide a job number or purchase order number, and the name and phone number of a billing contact.

Sincerely,
UTS OF MASSACHUSETTS, INC.

Bryan M. Crabtree
Head of Business Development & Operations Manager

ACCEPTED BY: _____

DATE: 6/13/22



Of Massachusetts Inc.
"The Construction Testing People"

Schedule of Fees and Conditions

1. **Fees for Weatherproofing Inspection and Testing Services**

Our fees for weatherproofing consulting, inspection, and testing services are based on the time worked on the project by our staff, including travel time. Our charges for staff engineers, weatherproofing construction inspectors and testing technicians are for services performed during the regular work week, Monday through Friday, a full day consists of 7 hours in the field and 1 hour writing the report. Saturdays, Sundays, and/or Holidays will be invoiced at 2.0 times the rate.

2. **Equipment and Services by Others**

1. Access to the interior and exterior of the test area. This includes scaffolding, ladders, lifts as well as a lift operator or other means of access to the interior and exterior wall surfaces by our personnel for purposes of inspections and testing, if required, shall be provided by others.
2. Water supply and connections for our hoses for purposes of water testing, if required, shall be provided by others.
3. Labor and materials to make and repair openings in exterior and interior walls for purposes of our examinations, if required, shall be provided by others. **UTS shall not be responsible for any repair work for damage which may have resulted from testing.**
4. Pertinent project architectural drawings, shop drawings, specifications and related documentation shall be provided by others for our review.
5. If the exterior temperature is below 32° Fahrenheit, a tent and heater will be supplied by others to maintain the work area temperature above freezing.
6. When union are on a project and must be used, the union workers must be provided by others.
7. Onsite parking must be supplied for one fenestration testing vehicle.

3. **Payment**

10 days of receipt of payment by SMMA from Owner

Our invoices generally will be submitted once a month for services performed during the previous month. Payment of our invoices will be due within ~~thirty days of invoice date~~. If invoices are to be submitted and to be approved by other parties, including the architect, prior to payment, such parties shall use due diligence in processing the invoices and shall advise us promptly of any delays affecting their approval and payment.

April 14, 2022

Mr. Steven Crabtree (via scrabtree@utsofmass.com)
Mr. William Crabtree (via wcrabtree@utsofmass.com)
UTS of Massachusetts, Inc.
Five Richardson Lane
Stoneham, Massachusetts 02180

Re: Stoneham High School

Stoneham, Massachusetts

Testing and Inspection Services / Request for Proposals

SMMA No. 20033

Dear Messrs. Crabtree:

We are writing to request your proposal for testing and inspection services on the above project.

The scope of the project involves the construction, approximately 207,077 gross square feet, of the new Stoneham High School on the site of the existing Stoneham High School housing grades 9-12 at 149 Franklin Street, Stoneham, Massachusetts 02180. Construction is anticipated to commence July 2022.

The scope of testing and inspection services are as defined in Attachment A, appended hereto and the Design Development Documents. Copies of the Design Development Documents can be downloaded using the following hyperlink: **[Design Development Pricing Set – February 28, 2022](#)**

Provide the unit price for each item of testing and inspection services. Unit prices shall include all associated costs such as travel, phone, deliveries and reproduction. Base proposal on the personnel, equipment and facilities required to perform testing and inspection services of the material quantities indicated on the Drawings or Specifications, and for the periods of time estimated to complete the various portions of the construction.

Submit current Certificate of Liability Insurance with proposal.

Provide unit prices and estimated number of tests and inspections to establish a cost range of services for the following. The list is not an all-inclusive listing of tests and inspections required for this work.

FIELD INSPECTION SERVICES

Soils

Experienced soils inspector for control of compaction operations and field density tests by the sand cone or nuclear method

\$380.-/day

Estimated number of days required

160

Subtotal estimated cost of Field Soils Compaction Testing

\$ 60,800.00

Asphalt

Thickness testing of the binder and wearing courses (+/-1/16 inch)	\$400.- /day
Estimated number of days required	<u>20</u>
Subtotal estimated cost of Asphalt Testing Services	<u>\$8,000.00</u>

Synthetic Turf Testing

Experienced licensed field inspector to perform drainage infiltration tests, double ring infiltrometer per ASTM F1551/EN 12616	\$340.- /day half
Estimated number of days required	<u>10/half days</u>
Experienced licensed field inspector to perform surface irregularity and planarity testing per EN 13036 Surface Planarity	\$N/A /day
Estimated number of days required	<u>N/A</u>
Subtotal estimated cost of Synthetic Turf Testing Services	<u>\$3,400.00</u>

Cast In Place Concrete

Inspect placement of reinforcing steel	\$440.- /day
Estimated number of days required	<u>100</u>
Experienced licensed field inspector to test plastic concrete for slump, air content, temperature and to fabricate 6"x12" test cylinders	\$380.- /day
Estimated number of days required	<u>140/4 x 8 cylinders</u>
Subtotal estimated cost of Field Concrete Testing Services	<u>\$53,200.00</u>

Concrete Floor Slab Placement

Inspect concrete slabs for flatness – regular time	\$750.- /day
Estimated number of regular time days required	<u>15</u>
Inspect concrete slabs for flatness – overtime	\$1,100/day
Estimated number of overtime days required	<u>0</u>
Subtotal estimated cost of Concrete Floor Slab Placement Testing Services	<u>\$11,250.00</u>

Masonry

Experienced masonry field inspector to monitor construction including mortar, grout, reinforcing, curing, etc.	\$400.- /day
Estimated number of days required	<u>10</u>
Subtotal estimated cost of Masonry Testing Services	<u>\$4,000.00</u>

Firestopping

Experienced firestopping field inspector to monitor firestopping construction	\$700.- /day half
Estimated number of days required	<u>30/half days</u>
Subtotal estimated cost of Firestopping Testing Services	<u>\$ 21,000.00</u>

Fireproofing

Experienced fireproofing field inspector to monitor fireproofing construction	\$440.- /day
Estimated number of days required	<u>50</u>
Subtotal estimated cost of Fireproofing Testing Services	<u>\$ 22,000.00</u>

Intumescent Paint

Experienced intumescent paint field inspector to monitor intumescent fireproofing construction	\$440.- /day
Estimated number of days required	<u>10</u>
Subtotal estimated cost of Intumescent Paint Testing Services	<u>\$ 4,400.00</u>

Structural Steel, Steel Joists and Steel Deck

Inspection of structural steel, steel joists and steel deck at the fabrication plant	\$1,000/day
Field inspection of steel joists including bridging, welding and bolting	\$240.- /day
Estimated number of days required	(5) Fab & 60/half days field
Field inspection of structural steel erection including welding and high strength bolting	\$240.- /day
Estimated number of days required	<u>20</u>
Field inspection of steel deck installation including welding and mechanical fasteners	\$240.- /day
Estimated number of days required	<u>10</u>
Non-destructive testing of full penetration welds	\$300.- /test ^{half day}
Estimated number of days required	<u>10/half days</u>
Subtotal estimated cost of Structural Steel Joists and Steel Deck Inspection Services	<u>\$ 29,600.00</u>

Exterior Walls

Field inspection of exterior light gauge metal framing and curtainwall systems for size, spacing and attachment	\$240.- /day half
Estimated number of days required	<u>10/half days</u>
Subtotal estimated cost of Exterior Walls Inspection Services	<u>\$ 2,400.00</u>

Air Vapor Barrier – Inspection

Experienced Air Vapor Barrier field inspector to monitor the Air Vapor Barrier construction and perform adhesion pull tests	\$280.- /day half
Estimated number of days required	10/half days
Subtotal Cost of Air Vapor Barrier Inspection Services	\$2,800.00

Air Vapor Barrier – Full Chamber Mockup Test

Experienced Air Vapor Barrier field inspector to perform both static and dynamic air pressure test	\$2,800/day
Estimated number of days required	2
Subtotal Cost of Air Vapor Barrier Full Chamber Services	\$4,600.00

Whole Building Air Leakage Test

Experienced Air Vapor Barrier field inspector to conduct whole building air leak test with blower doors	\$N/A /day
Estimated number of days required	N/A
Subtotal Cost of Air Vapor Barrier Whole Building Test Services	\$ 0

Air Vapor Barrier – Air Leakage Test

Experienced Air Vapor Barrier field inspector to perform Bubble Testing	\$1,000/day
Estimated number of days required	5
Subtotal estimated cost of Air Vapor Barrier Air Leakage Testing	\$5,000.00

Air Vapor Barrier – Smoke Test

Experienced Air Vapor Barrier inspector to perform Smoke Testing	\$280.- /day
Estimated number of days required	included above
Subtotal estimated cost of Air Vapor Barrier Smoke Testing	\$0

Windows

Experienced field inspector for window installation and testing	\$2,800/day
Estimated number of days required	3
Subtotal estimated cost of Windows Inspection and Testing Services	\$8,400.00

Curtainwall

Experienced field inspector for curtainwall installation and testing	\$280.- /day
Estimated number of days required	5
Subtotal estimated cost of Curtainwall Inspection and Testing Services	\$1,400.00

Unit Skylights

Experienced field inspector of unit skylight installation and testing	\$2,800./day
Estimated number of days required	<u>1</u>
Subtotal estimated cost of Unit Skylights Inspection and Testing Services	<u>\$ 2,800.00</u>

Framed Skylights

Experienced field inspector of framed skylight installation and testing	\$2,800./day
Estimated number of days required	included above
Subtotal estimated cost of Framed Skylights Inspection and Testing Services	<u>\$ 0</u>

Roofing

Inspection of roofing, flashing and accessories	\$260.- /day half
Estimated number of days required	<u>5/half days</u>
Subtotal estimated cost of Roofing Inspection Services	<u>\$ 1,300.00</u>

Roofing Systems

Experienced field inspector to conduct water flood testing of roof systems	\$N/A /day
Estimated number of days required	<u>N/A</u>
Subtotal estimated cost of Roofing Systems Flood Test Services	<u>\$ N/A</u>

LABORATORY TESTING

Soils

Washed Sieve Analysis (ASTM C36, C117)	\$120.- /test
Estimated number of tests required	<u>12</u>
Subtotal of Washed Sieve Analysis Testing	<u>\$1,440.00</u>
Hydrometer Analysis (ASTM D422)	\$150.- /test
Estimated number of tests required	<u>12</u>
Subtotal of Hydrometer Analysis Testing	<u>\$1,800.00</u>
Moisture Density Relation (ASTM D1557, D698)	\$135.- /test
Estimated number of tests required	<u>12</u>
Subtotal of Moisture Density Testing	<u>\$ 1,620.00</u>

Concrete

Concrete Test Cylinders (6"x12")	\$16.- /test
Estimated number of tests required	<u>1,890</u>
Subtotal of Concrete Cylinder Testing	<u>\$ 30,240.00</u>
Mix Design Review	\$N/A /ea
Estimated number of reviews required	<u>N/A</u>
Subtotal of Mix Design Review	<u>\$ N/A</u>

Masonry

Mortar Cubes (2") or cylinders (3"x6")	\$16.- /test
Estimated number of tests required	<u>80</u>
Subtotal of Mortar Cubes or Cylinder Testing	<u>\$ 1,280.00</u>
Prisms	\$ 50.- /test
Estimated number of tests required	<u>27</u>
Subtotal of Prisms Testing	<u>\$ 1,350.00</u>
TOTAL OF ESTIMATED TESTING & INSPECTION SERVICES	<u>\$ 284,080.00</u>

ADDITIONAL INFORMATION

Multiple inspections performed by same inspector on same date \$ * /day
*See conditions

The proposal shall include the following items:

- Resumes of Project Manager and Field Technicians proposed for the duration of the project.
- Documentation of insurance with the following limits: (i) professional liability insurances of not less than \$2,000,000 (ii) comprehensive general liability ("CGL") insurance of not less than \$1,000,000 (iii) statutory workers' compensation insurance coverage (iv) employer's liability insurance of not less than \$1,000,000 and (v) umbrella or excess liability insurance of not less than \$1,000,000 covering over the CGL and employer's liability coverage.
- List of similar projects completed in Massachusetts

Thank you for your interest in this proposal and we look forward to receiving your response to SMMA on or before May 6, 2022. Thank you.

Very truly yours,

SMMA | Symmes Maini & McKee Associates

Joel G. Seeley
Project Director

cc: (MF)

enclosures: Attachment A – Scope of Services For Independent Laboratory Testing & Inspection



U.T.E.S. Of Massachusetts Inc.
"The Construction Testing People"

5 Richardson Lane, Stoneham, MA 02180 781-438-7755 (Voice) 781-438-6216 (Fax)

To: Symmes Maini & McKee Assoc
Julie Leduc
1000 Massachusetts Avenue
Proj# 20033
Cambridge, MA 02138

Invoice Date: 11/10/2023
Page Number: 1
Invoice Number: 108808
Job Number: 27167
Terms: **Due Upon Receipt**

Project: **Stoneham High School**
149 Franklin Street, Stoneham, MA

DATE	QUANTITY	DESCRIPTION	RATE	AMOUNT
10/11/2023	1.00	Min/Steel	240.00	240.00
10/16/2023	1.00	Min/Steel	240.00	240.00
10/16/2023	1.00	Min/Air Vapor Barrier	280.00	280.00
10/17/2023	1.00	Min/Air Vapor Barrier	280.00	280.00
10/19/2023	1.00	Min/Fireproofing	230.00	230.00
10/19/2023	1.00	Min/Light Gauge Metal Framing	240.00	240.00
10/20/2023	6.00	Cubes	16.00	96.00
10/20/2023	1.00	Min/Masonry	210.00	210.00
10/20/2023	1.00	Min/Steel	240.00	240.00
10/24/2023	4.00	Hrs/Firestopping-IFC	175.00	700.00
10/25/2023	1.00	Cube/Trans	40.00	40.00
10/26/2023	1.00	Min/Rebar	230.00	230.00
10/27/2023	6.00	Cylinders - 4 x 8	16.00	96.00
10/27/2023	1.00	Min/Field	200.00	200.00
10/27/2023	6.00	Cylinders - 4 x 8	16.00	96.00
10/27/2023	1.00	Min/Rebar	230.00	230.00
10/30/2023	1.00	Cyl/Trans	40.00	40.00
10/30/2023	1.00	Min/Light Gauge Metal Framing	240.00	240.00
11/02/2023	6.00	Cubes	16.00	96.00
11/02/2023	1.00	Min/Masonry	210.00	210.00
11/03/2023	1.00	Cube/Trans	40.00	40.00
11/06/2023	1.00	Min/Fireproofing	230.00	230.00



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11/09/2023	1.00	Min/Rebar	230.00	230.00
11/10/2023	12.00	Cylinders - 4 x 8	16.00	192.00
11/10/2023	1.00	Min/Field	200.00	200.00
11/10/2023	1.00	Min/Field	200.00	200.00
11/10/2023	1.00	Min/Fireproofing	230.00	230.00
11/10/2023	1.00	Min/Rebar	230.00	230.00
TOTAL THIS INVOICE:				6,132.00

All File Test reports will be discarded 6 months after completion of our services.

CC:

<u>Company Name</u>	<u>Contact Name</u>	<u>Invoice Type</u>	<u>Delivery Method</u>
SMMA	Accounts Payable	Original	Email
Symmes Maini & McKee Assoc	Julie Leduc	Copy	Email
SMMA	Bob Smith	Copy	Email



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P.O. Amount: 275,000.00				
	<u>Invoice No.</u>	<u>Invoice Date</u>		<u>Invoice Amount</u>
	101160	07/22/2022		7,181.25
	101587	08/19/2022		3,262.48
	102027	09/16/2022		2,300.00
	102484	10/14/2022		4,125.00
	102935	11/11/2022		4,806.25
	103397	12/09/2022		10,359.00
	103866	01/06/2023		4,245.00
	104295	02/03/2023		4,573.00
	104695	03/03/2023		4,651.00
	105119	03/31/2023		4,720.00
	105569	04/28/2023		5,739.00
	106051	05/26/2023		17,398.50
	106496	06/23/2023		17,843.25
	106925	07/21/2023		15,247.00
	107384	08/18/2023		19,918.00
	107846	09/15/2023		23,564.50
	108321	10/13/2023		10,396.00
	108808	11/10/2023		6,132.00
	Invoiced to Date			\$166,461.23
	P. O. Remaining			108,538.77



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	P. O. Remaining		108,538.77	

A DIVISION	B DESCRIPTION OF WORK	C MSBA CODE	D SCHEDULED VALUE	E WORK COMPLETED		F COMPLETED AND STORED TO DATE (D+E+F)	G % (G/C)	H BALANCE TO FINISH (C-G)	I Retainage Held This Period	J RETAINAGE	K Retainage Billed	
				PREVIOUS APPLICATION	THIS APPLICATION							
					WORK IN PLACE							STORED MATERIAL
01	CM Fee	0502-0010	2,730,000.00	923,559.00	108,381.00	-	38%	1,698,060.00	5,419.05	51,597.00		
02	Bonds and Insurances	0502-0020	4,239,694.00	2,165,579.82	130,836.12	-	54%	1,943,278.06	6,541.81	114,820.80		
03	Total GMP Construction Contingency	0502-0030	3,997,625.00	-	-	-	0%	3,997,625.00	-	-		
03	Subtotal Allowances	0502-0030	8,248.65	8,248.65	-	-	100%	-	-	412.43		
01A	CM Staffing	0502-0100	5,490,124.00	3,392,915.00	-	-	62%	2,097,209.00	-	169,645.75		
01A	General Requirements	0502-0100	6,670,117.35	2,588,628.44	418,848.93	-	45%	3,662,639.98	20,942.45	150,373.87		
02	Existing Conditions	0502-0200	5,300,000.00	-	-	-	0%	5,300,000.00	-	-		
03	Concrete Subtotal	0502-0300	7,000,100.00	4,437,879.59	249,608.30	-	67%	2,312,612.11	12,480.42	234,374.39		
04	Masonry	0502-0400	5,164,000.00	663,475.00	406,061.00	-	21%	4,094,464.00	20,303.05	53,476.80		
05	Metals Subtotal	0502-0500	15,492,044.00	11,741,610.52	99,117.28	78,624.00	77%	3,572,692.20	8,887.06	595,967.59		
06	Wood, Plastic, and Composites	0502-0600	1,440,504.00	-	-	-	0%	1,440,504.00	-	-		
07	Thermal & Moisture Protection Subtotal	0502-0700	7,065,613.00	2,390,638.25	201,709.30	-	37%	4,473,265.45	10,085.47	129,617.38		
08	Doors & Windows Subtotal	0502-0800	6,660,295.00	370,378.93	423,578.92	-	12%	5,866,337.15	21,178.95	39,697.89		
09	Finishes Subtotal	0502-0900	15,941,559.00	3,131,495.91	877,258.75	287,946.00	27%	11,644,858.34	58,260.24	214,835.03		
10	Specialties Subtotal	0502-1000	1,652,962.00	21,794.20	5,198.55	19,000.00	3%	1,606,969.25	1,209.93	2,299.64		
11	Equipment Subtotal	0502-1100	2,767,930.00	2,865.29	-	5,414.01	0%	2,759,650.70	270.70	413.97		
12	Furnishings Subtotal	0502-1200	3,873,767.00	-	58,500.00	-	2%	3,815,267.00	2,925.00	2,925.00		
13	Special Construction	0502-1300	-	-	-	-	#DIV/0!	-	-	-		
14	Elevator Sub	0502-1400	815,339.00	123,332.50	-	-	15%	692,006.50	-	6,166.63		
21	Fire Suppression	0502-2100	1,709,200.00	113,480.00	16,520.00	-	8%	1,579,200.00	826.00	6,500.00		
22	Plumbing	0502-2200	6,580,000.00	2,662,858.00	535,102.00	-	49%	3,382,040.00	26,755.10	159,898.00		
23	HVAC	0502-2300	19,545,248.00	7,859,795.00	1,502,842.75	103,459.00	48%	10,079,151.25	80,315.09	473,304.84		
25	Integrated Automation	0502-2500	-	-	-	-	#DIV/0!	-	-	-		
26	Electrical	0502-2600	19,894,220.00	4,638,764.97	1,236,750.00	165,000.00	30%	13,853,705.03	70,087.50	302,025.75		
27	Communications	0502-2700	-	-	-	-	#DIV/0!	-	-	-		
28	Electronic Safety and Security	0502-2800	-	-	-	-	#DIV/0!	-	-	-		
31	Earthwork Subtotal	0502-3100	22,003,053.00	11,585,619.43	57,944.00	-	53%	10,359,489.57	2,897.20	411,686.75	\$170,491.92	
32	Exterior Improvements Subtotal	0502-3200	7,671,484.00	-	-	-	-	7,671,484.00	-	-		
33	Utilities Subtotal	0502-3300	2,270,760.00	-	-	-	-	2,270,760.00	-	-		
-	TOTAL BASE GMP CONTRACT AMOUNT		175,983,887.00	58,822,918.50	6,328,256.90	659,443.01	37%	110,173,268.59	349,385.00	3,120,039.50		
CO-01		0508-001	-	-	-	-	100%	-	-	-		
CO-02		0508-002	445,479.68	445,479.68	-	-	100%	-	-	22,273.98		
CO-03		0508-003	87,729.18	87,729.18	-	-	100%	-	-	4,386.46		
CO-04		0508-004	48,631.95	44,270.41	-	-	91%	4,361.54	-	2,213.52		
CO-05		0508-005	58,132.50	58,132.50	-	-	100%	-	-	2,906.63		
CO-06		0508-006	29,061.26	24,751.27	-	-	85%	4,309.99	-	1,237.56		
CO-07		0508-007	26,201.30	21,505.52	-	-	82%	4,695.78	-	1,075.28		
CO-08		0508-008	-	-	-	-	-	-	-	-		
CO-09		0508-009	29,067.25	24,763.38	-	-	85%	4,303.87	-	1,238.17		
CO-010		0508-010	5,629.56	1,596.00	-	-	28%	4,033.56	-	79.80		
CO-011		0508-011	-	-	-	-	-	-	-	-		
CO-012		0508-012	(197,221.38)	23,377.09	-	-	-12%	(220,598.47)	-	1,168.85		
CO-013		0508-013	-	-	-	-	-	-	-	-		
CO-014		0508-014	464,996.99	285,224.59	63,399.75	-	75%	116,372.65	3,169.99	17,431.22		
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	-	-	-10%	(89,140.93)	-	418.90		
CO-019		0508-019	-	-	-	-	-	-	-	-		
CO-020		0508-020	155,357.15	130,372.32	-	-	84%	24,984.83	-	6,518.62		
CO-021		0508-021	224,073.43	-	2,500.00	-	1%	221,573.43	125.00	125.00		
CO-022		0508-022	22,253.29	-	-	-	-	22,253.29	-	-		
CO-023		0508-023	-	-	-	-	-	-	-	-		
-	TOTAL CHANGE ORDER AMOUNT	0508-0000	1,334,702.16	1,155,579.96	65,899.75	-	84%	113,222.45	3,294.99	61,073.99		
	TOTAL CONTRACT AMOUNT		177,318,589.16	59,978,498.46	6,394,156.65	659,443.01	37.80%	110,286,491.04	352,679.98	3,181,113.49		

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

PROJECT: **Stoneham High School**

Invoice **17**
 Draw
 Application date: **11/30/2023**
 Period ending date: **11/30/2023**

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	\$1,334,702.16
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$177,318,589.16
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$67,032,098.12
5. RETAINAGE:	
a. <u>4.75</u> % of Completed Work	\$ 3,149,818.59
(Column D + E on G703)	
b. <u>4.75</u> % of Stored Material	\$ 31,294.90
(Column F on G703)	
Total Retainage (Lines 5a+5b or Total in Column I on G703)	\$3,181,113.49
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$63,850,984.63
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 From Prior CERTIFICATE)	\$57,150,064.95
8. CURRENT PAYMENT DUE (Line 6 Less Line 7)	\$6,700,919.68
9. BALANCE TO FINISH INCLUDING RETAINAGE (Line 3 Less Line 6)	\$113,467,604.53

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	1,312,448.87	
Total approved this Month	22,253.29	
TOTALS	1,334,702.16	
NET CHANGES by Change Order	1,334,702.16	

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: 12/11/23

State of: MA County of: Worcester

On this the 11 day of December, 2023 before me,

proved to me through satisfactory evidence of identity, which was Personal knowledge
 to be the person(s) whose name(s) was/were signed on the preceding or attached document in my presence, and who swore or affirmed before me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.
 Notary Public: [Signature] My Commission Expires December 2, 2027
 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:\$ 6,700,919.68

(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: 2023.12.15

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 **17**
 Draw
 Application date: **11/30/2023**
 Period ending date: **11/30/2023**

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)		
1-000	Stoneham High School	1-000										
1-001	General Conditions	1-001		-18,172.00	4,185,190.00	3,392,915.00			3,392,915.00	81.07	792,275.00	169,645.75
1-002	General Requirements	1-002		507,656.22	2,815,836.22	655,539.17	70,956.27		726,495.44	25.80	2,089,340.78	36,324.78
1-099	Riggs General Requirements	1-099		322,702.47	3,511,904.47	1,565,520.27	291,995.66		1,857,515.93	52.89	1,654,388.54	92,875.80
1-220	Temporary Fence	1-220		276,849.36	535,218.36	367,569.00			367,569.00	68.68	167,649.36	18,378.45
1-910	Consigli Payment & Perf Bond	1-910			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	187,936.00			187,936.00	70.28	79,469.00	9,396.80
1-930	General Liability	1-930			1,871,881.00	639,060.17	80,865.26		719,925.43	38.46	1,151,955.57	35,996.27
1-940	Subcontractor Default Insuranc	1-940			1,156,733.00	394,908.65	49,970.86		444,879.51	38.46	711,853.49	22,243.97
2-001	Selective Demolition Sub	2-001		344,000.00	5,157,000.00						5,157,000.00	
2-012	Vinyl Asbestos Tile (VAT)	2-012		-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	-703,352.57	21,183,105.43	9,550,719.43	57,944.00		9,608,663.43	45.36	11,574,442.00	309,941.66
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			17,200.00	17,200.00					17,200.00	
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	

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						FROM PREV. APPLICATION (D + E)	THIS PERIOD		%	(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		-1,815,000.00	454,200.00						454,200.00	
2-891	Synthetic Turf	2-891		1,976,000.00	1,976,000.00						1,976,000.00	
2-920	Fencing	2-920	981,960.00	-26,960.00	955,000.00						955,000.00	
2-921	Vehicle Gate - Hold	2-921		25,000.00	25,000.00						25,000.00	
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	-42,840.58	4,893,959.42	4,437,879.59	249,608.30		4,687,487.89	95.78	206,471.53	234,374.41
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	663,475.00	406,061.00		1,069,536.00	20.71	4,094,464.00	53,476.80
5-120	Structural Steel subcontractor	5-120	11,858,044.00	-238,273.85	11,619,770.15	11,310,952.27	19,523.53		11,330,475.80	97.51	289,294.35	566,523.80
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	430,658.25	79,593.75	78,624.00	588,876.00	18.16	2,654,371.87	29,443.82
5-810	Expansion Joint Covers	5-810	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	87,526.00	140,979.00	72,754.20			72,754.20	51.61	68,224.80	3,637.71
7-102	WP & Sealants Trade Contractor	7-102	1,228,518.00		1,228,518.00	506,268.00	72,500.00		578,768.00	47.11	649,750.00	28,938.40
7-475	Metal Siding	7-475	723,000.00		173,745.73	896,745.73	11,000.00		11,000.00	1.23	885,745.73	550.00
7-501	Membrane Roofing Sub	7-501	3,396,000.00		3,396,000.00	1,503,131.20	74,823.85		1,577,955.05	46.47	1,818,044.95	78,897.76

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						FROM PREV. APPLICATION (D + E)	THIS PERIOD		%	(G / C)		
7-810	Fireproofing	7-810	1,319,684.00	-168,899.13	1,150,784.87	297,484.85	39,185.45		336,670.30	29.26	814,114.57	16,833.52
7-811	Perimeter Fireproofing - Hold	7-811		20,000.00	20,000.00						20,000.00	
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		15,200.00		15,200.00	9.81	139,800.00	760.00
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	175,546.00	1,681,122.00	87,462.68	86,962.67		174,425.35	10.38	1,506,696.65	8,721.26
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	-141,969.00	802,150.00	112,500.00	262,500.00		375,000.00	46.75	427,150.00	18,750.00
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	Accordion 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	156,976.25	74,116.25		231,092.50	6.68	3,229,343.50	11,554.63
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	444,024.00	10,120,913.00	2,949,978.91	803,558.75		3,753,537.66	37.09	6,367,375.34	187,676.89
9-221	Trade Support	9-221	1,286,762.00		1,286,762.00	106,372.00	55,897.00		162,269.00	12.61	1,124,493.00	8,113.45
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			287,946.00	287,946.00	29.20	698,029.00	14,397.30
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	

CONTINUATION SHEET

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						FROM PREV. APPLICATION (D + E)	THIS PERIOD		F	% (G / C)		
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	
9-901	Painting Subcontractor	9-901	889,000.00		889,000.00	17,500.00	73,700.00		91,200.00	10.26	797,800.00	4,560.00
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		19,000.00	20,000.00	29.41	48,000.00	1,000.00
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	5,198.55		25,992.75	2.18	1,167,307.25	1,299.64
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					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	2,865.29		5,414.01	8,279.30	0.70	1,182,723.70	413.96
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	367,649.30	885,965.30						885,965.30	
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		58,500.00		58,500.00	2.45	2,334,000.00	2,925.00
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	

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						FROM PREV. APPLICATION (D + E)	THIS PERIOD		%	(G / C)		
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		394,564.00	113,332.50			113,332.50	28.72	281,231.50	5,666.63
14-211	HOLD - Elev Operator for Const	14-211			7,564.00						7,564.00	
14-212	Delta Becjwith Elev & Lifts	14-212	430,000.00		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		1,709,200.00	113,480.00	16,520.00		130,000.00	7.61	1,579,200.00	6,500.00
15-401	Plumbing Subcontractor	15-401	6,580,000.00		6,586,550.81	2,662,858.00	535,102.00		3,197,960.00	48.55	3,388,590.81	159,898.00
15-501	HVAC Subcontractor	15-501	15,213,000.00	3,239.75	15,216,239.75	4,757,277.00	1,502,842.75	103,459.00	6,363,578.75	41.82	8,852,661.00	318,178.94
15-502	HVAC Unincorporated Scope	15-502	724,330.00		724,330.00						724,330.00	
15-901	Heat Recovery Chiller	15-901	505,400.00		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			3,102,518.00	100.00		155,125.90
16-001	Electrical Subcontractor	16-001	720,974.00		-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		3,595.37	17,808,295.37	2,927,759.52	1,236,750.00	165,000.00	24.31	13,478,785.85	216,475.48
16-102	Elec Unincorporated Scope	16-102	341,935.00		341,935.00						341,935.00	
16-901	Switchgear	16-901	504,054.00		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		639,152.00	23,022.00			23,022.00	3.60	616,130.00	1,151.10
19-001	Contingency #1	19-001	3,997,625.00		-729,467.71	3,268,157.29					3,268,157.29	
19-002	Contingency #2	19-002			203,348.10	203,348.10					203,348.10	
24-001	ALL #1 - Temp Electricity Cons	24-001	150,000.00		-149,999.58	0.42	5,431.25		5,431.25	293.154	-5,430.83	271.56
24-002	ALL #2 - Winter Conditions	24-002	300,000.00		-379,008.05	-79,008.05					-79,008.05	
24-003	ALL #3 - Police Details	24-003	48,000.00		-15,380.00	32,620.00					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	

CONTINUATION SHEET

AIA DOCUMENT G703

Detail Page 8 of 10 Pages

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						ORIGINAL BUDGET	APPROVED CHANGE ORDERS			APPROVED TRANSFERS	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G / C)
						WORK COMPLETED						
CR-012	ASI-003 Framing Coordination a	CR-012										
CR-027	PR-006 South Foundation Wall	CR-027	5,275.99		966.00		966.00	18.31	4,309.99	48.30		
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	100.00		1,189.26		
	CO-06 TOTAL		29,061.26	.00	29,061.26	24,751.27	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	100.00		728.67		
CR-037	Existing School Foundation and	CR-037	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	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	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	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	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	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	4,463.00	4,463.00	76.36	-10,307.52	223.15		
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	270,149.81	58,936.75	100.00		16,454.33		

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						FROM PREV. APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G / C)			
CR-070	PR-029 Area D Ext OH Door & Ar	CR-070	7,912.79		7,912.79						7,912.79		
CR-127	PR-079 AV Paging Speaker Clari	CR-127	6,336.07		6,336.07						6,336.07		
CR-132	Credit for PR-028 Drainage Nor	CR-132	-10,000.00		-10,000.00						-10,000.00		
CR-142	PR-081 Arch Updates per Coordi	CR-142	5,770.69		5,770.69						5,770.69		
CR-149	ASI-046 Exterior Framing Adjus	CR-149	4,362.62		4,362.62						4,362.62		
CR-154	PR-091 Lighting & AV Screen Ci	CR-154	1,527.06		1,527.06						1,527.06		
CR-160	PR-097 PV Conduit to Main MEP	CR-160	2,763.44		2,763.44						2,763.44		
CR-161	RFI-376 F18 Light Fixture Colo	CR-161	886.02		886.02						886.02		
CR-172	PR-104 Masonry Upper Corner De	CR-172	2,694.60		2,694.60						2,694.60		
	CO-022 TOTAL		22,253.29	.00	22,253.29			.00			22,253.29		
GRAND TOTALS			175,983,887.00	1,334,702.16	.00	177,318,589.16	59,978,498.46	6,394,156.65	659,443.01	67,032,098.12	37.80	110,286,491.04	3,181,113.49

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
24	\$13,358.80		CR-116; CR-128; CR-144; CR-176; CR-178; CR-180; CR-183; CR-184; CR-195
Change Order Total		Budget Total	Budget Balance
TOTAL	\$1,348,060.96	\$7,670,933.00	\$6,322,872.04
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
24	\$ 82,370.48		CT-045; CT-048; CT-056; CT-057; CT-062; CT-063; CT-064
Contingency Transfer Total		GMP Contingency Total	Contingency Balance
TOTAL	\$713,271.26	\$3,997,625.00	\$3,284,353.74

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
24	\$ -		NA
	Allowance Total	Allowance Budget	Allowance Balance
TOTAL	\$1,915,903.07	\$3,810,800.00	\$1,894,896.93

Change Order Summary

DATE: December 14, 2023
 TO: Stoneham Building Committee
 SUBJECT: **Change Order Summary – CO-024**

Detailed Description	Value*	Cost**
Allowance Transfers (AT's)		
NONE		
Budget Transfers (BT's)		
BT-025 Beam Support @Gridline 14.5 (CCD-006) This Budget Transfer provided a steel support plate on Level 03 in Area A at gridline 14.5 under the Mechanical Well.	\$4,902.30	\$0
Hold Transfers (HT's)		
NONE		
Contingency Transfers (CT's)		
CT-045 Premium Time (September 2023) This Contingency Transfer captures the costs associated with subcontractor Premium Time for September 2023.	\$12,381.51	\$0
CT-048 Deck Repair @Gridline 1 on Roof (RFI-331) This Contingency Transfer covers all associated costs for a Field Fix at the roof edge of Area C.	\$20,396.03	\$0
CT-056 Premium Time (October 2023) This Contingency Transfer captures the costs associated with subcontractor Premium Time for October 2023.	\$8,286.89	\$0
CT-057 Arbor Pit Access Hatch (Unprocured Scope) This Contingency Transfer is for Unprocured Scope to provide the Arbor Pit access hatch.	\$6,826.37	\$0
CT-062 Ice Machine (Unprocured Scope) This Contingency Transfer is for Unprocured Scope to provide the ice machine for the Trainer's Room.	\$7,410.57	\$0
CT-053 Premium Time (November 2023) This Contingency Transfer captures the costs associated with subcontractor Premium Time for November 2023.	\$22,069.11	\$0
CT-064 Louver Stamped Calcs This Contingency Transfer provides engineering calculations per Specifications for the louvers in the facade.	\$5,000.00	\$0
Reconciled Buyouts (RB's)		
NONE		

Change Order Summary

Change Requests (CR's)			
CR-116	Misc Metals Framing Revisions (PR-066)	-\$21,572.18	-\$21,572.18
Reason	Design		
This Change Request is from PR-066 which removes steel framing at the façade including framing support around Level 1 curtainwalls and soffit. This is a reduction in overall framing and therefore a credit to the project.			
CR-128	Parapet Framing Modifications (PR-059)	\$5,169.49	\$5,169.49
Reason	Design		
This Change Request added kickers at roof edges for stair entries and removed misc. metal steel tubes in the facade.			
CR-144	Catwalk Stair & F13 Attachment (PR-080)	\$3,702.92	\$3,702.92
Reason	Design		
This Change Request covers the costs of adding eye hooks to support the string lighting in the auditorium as well as removing a handrail and adding a step in the catwalk stairs.			
CR-176	Bench Support Plates (PR-105)	\$1,193.35	\$1,193.35
Reason	Design		
This Change Request covers modifications made by the misc. metals Contractor for the bench support plates at the monumental stair in Spartan Place.			
CR-178	FX1 Light Fixture Conflict w Steel (RFI-390)	\$7,737.91	\$7,737.91
Reason	Design		
This Change Request covers the cost of swapping out a light fixture for a smaller housing per MEP coordination to avoid conflicts with structure.			
CR-180	WAP and AV Data Coordination (PR-103)	\$8,484.63	\$8,484.63
Reason	Design		
This Change Request adjusts wireless access point (WAP) locations as well as security camera mounting at the Community Terrace and adjacent spaces. In addition it provides data connections aligning to the AV device requirements.			
CR-183	Soffits for Coordination (PR-110)	\$5,452.74	\$5,452.74
Reason	Design		
This Change Request provides soffits and wall furring that were determined as best solutions to challenges in MEP coordination challenges.			
CR-184	Aisle Lighting Drivers for Aud Seating (RFI-433)	\$ 832.22	\$ 832.22
Reason	Design		
This Change Request provides the best and most economical solution to a driver coordination issue raised by the Contractor.			
CR-195	PreK Classroom Casework Doors (CCD-008)	\$ 2,357.72	\$ 2,357.72
Reason	Owner		
This Change Request provides Owner requested lockable cabinets in the PreK classrooms.			
Total Change Order Value			\$13,358.80

Change Order Summary

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: CO024

Date: 12/13/2023

To Contractor:

Consigli Construction Co., Inc.

The Contract is changed as follows:

Change Order #024

BT025 CCD-006 Beam Support at 14.5	\$0.00
CR116 PR-066 - Misc Metals Framing Revisions - Rev	\$-21,572.18
CR128 PR-059 Parapet Framing Modifications - Rev2	\$5,169.49
CR144 PR-080 Catwalk Stair & F13 Attachment REV2	\$3,702.92
CR176 PR-105 Bench Support Plates	\$1,193.35
CR178 RFI-390 FX1 Light Fixture Change Due to Design Conflicts with Steel	\$7,737.91
CR180 PR-103 WAP and AV Data Coordination	\$8,484.63
CR183 PR-110 Soffits for Coordination	\$5,452.74
CR184 RFI-433 Aisle Lighting Drivers for Aud Seating	\$832.22
CR195 CCD-008 PreK Classroom Casework Doors	\$2,357.72
CT045 Premium Time - September 2023	\$0.00
CT048 RFI-331 Line 1 Deck Repair	\$0.00
CT056 Premium Time October 2023	\$0.00
CT057 Arbor Pit Access Hatch - Unprocured Scope	\$0.00
CT062 Ice Machine - Unprocured Scope	\$0.00
CT063 Premium Time - November 2023	\$0.00
CT064 Louver Stamped Calcs	\$0.00
Total:	\$13,358.80



Change Order

Project:

2515 Stoneham High School
149 Franklin Street
Stoneham, MA 02180

Change Order: CO024

Date: 12/13/2023

To Contractor:

Consigli Construction Co., Inc.

The original Contract Amount was	\$176,267,415.00
Net change by previously authorized Change Orders	\$1,334,702.16
The Contract Amount prior to this Change Order was	\$177,602,117.16
The Contract will be increased by this Change Order in the amount of	\$13,358.80
The new Contract Amount including this Change Order will be	\$177,615,475.96

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



Budget Transfer Request

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

Number: BT025
Date: 12/6/23
Job: 2515 Stoneham High School
Phone:

Description: CCD-006 Beam Support at 14.5

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

This budget transfer is for the scope of work issued in CCD-006 "Beam Support at 14.5." This construction change directive provides a 3/4" x 6" x 10' steel plate to support the beam on Level 03 in Area A at gridline 14.5 between EN and FN.

1.) Avid - Includes the cost of all labor and material necessary to furnish and install a 3/4" x 6" x 10' steel plate to support the beam on Level 03 in Area A at gridline 14.5 between EN and FN. Total cost of this work is \$4,902.30 per Avid RCO #21 dated December 6, 2023.

This Budget Transfer will transfer \$10,391.38 from Structural Steel BP2 Modifications Budget (5-123) to the Misc Metal Subcontract (5-501).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Structural Steel BP2 Modificat	5-123				\$-4,902.30		\$-4,902.30
Avid Ironworks, Inc.	5-501				\$4,902.30		\$4,902.30
						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.

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: CR116
Date: 11/20/23
Job: 2515 Stoneham High School
Phone:

Description: PR-066 - Misc Metals Framing Revisions - Rev

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-066 Misc Metals Framing Revisions. This proposal request removes steel framing at the facade framing supports around level 1 curtainwalls and soffit framing at level 1 curtainwalls.

1.) Avid - Includes the credit for all labor and material associated with the eliminated steel framing at the facade framing supports around level 1 curtainwalls and soffit framing at level 1 curtainwalls. Total credit for this work is \$(21,572.18) per Avid RCO #13R dated November 20, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Avid Ironworks, Inc.	5-501				\$-21,572.18		\$-21,572.18
						Subtotal:	\$-21,572.18
			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:	\$-21,572.18

- 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: CR128
Date: 11/20/23
Job: 2515 Stoneham High School
Phone:

Description: PR-059 Parapet Framing Modifications - Rev2

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-059 "Parapet Framing Modifications," which added kickers to support Stair C, D, and Pre-K Entry cheek wall parapets and added low wall supports to assist with lateral support in addition to building steel supports. These modifications were requested by the delegated design engineer after meetings held with the Project Team regarding exterior metal framing.

1.) Avid - Includes the credit for all labor and material necessary for the elimination of the curtainwall steel jambs and the cost for all labor and material necessary to add parapet wall tube steel supports per PR-059. Total cost of this work is \$4,836.58 per Avid RCO #12R dated 11/20/2023.

2.) Century - Per Century Drywall, there are no costs associated with PR-059 per email dated 9/20/2023. Any costs associated with the parapet framing modifications will be submitted and captured in CR149 - ASI046 Exterior Framing Adjustments.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Avid Ironworks, Inc.	5-501				\$4,836.58		\$4,836.58
						Subtotal:	\$4,836.58
			Builders Risk (0.157%)		\$4,836.58		\$7.59
			General Liability (1.10%)		\$4,836.58		\$53.20
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)		\$4,897.37		\$244.87
			Bond (0.53%)		\$5,142.24		\$27.25
						Total:	\$5,169.49

- 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: CR144
Date: 11/20/23
Job: 2515 Stoneham High School
Phone:

Description: PR-080 Catwalk Stair & F13 Attachment REV

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-080 "Catwalk Stair and F13 Attachment." This proposal request provides clarification to the required number of risers for the Auditorium Catwalk Stairs D200b following the review of the Catwalk submittal 055000-004.1. This change also includes added steel eye hooks to attach the F13 light fixtures in the auditorium.

1.) Avid - Includes the cost of all labor and material necessary to add risers to the catwalk stairs and to furnish and install steel eye hooks for the F13 light fixtures in the auditorium. Total cost of this work is \$3,464.45 per Avid RCO#11R1 dated November 20, 2023

Rev - Shop labor was decreased per design team comments.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Avid Ironworks, Inc.	5-501				\$3,464.45		\$3,464.45
						Subtotal:	\$3,464.45
			Builders Risk (0.157%)		\$3,464.45		\$5.44
			General Liability (1.10%)		\$3,464.45		\$38.11
			SDI (Non-Trade Only) (1.40%)				\$0.00
				OH&P (5%)	\$3,508.00		\$175.40
				Bond (0.53%)	\$3,683.40		\$19.52
						Total:	\$3,702.92

- 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: CR176
Date: 11/22/23
Job: 2515 Stoneham High School
Phone:

Description: PR-105 Bench Support Plates

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-105 "Bench Support Plates." This proposal request coordinates the misc metals plate height with the millwork bench height. Related to the submittal 055000-014 Stair A & E Bench Supports.

1.) Avid - Includes the cost of all labor necessary to revise the bench support shop drawings per PR-105. Total cost is \$1,116.50 per Avid RCO #17 dated November 20, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Avid Ironworks, Inc.	5-501				\$1,116.50		\$1,116.50
						Subtotal:	\$1,116.50
			Builders Risk (0.157%)		\$1,116.50		\$1.75
			General Liability (1.10%)		\$1,116.50		\$12.28
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)		\$1,130.53		\$56.53
			Bond (0.53%)		\$1,187.06		\$6.29
						Total:	\$1,193.35

- 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: CR178
Date: 10/30/23
Job: 2515 Stoneham High School
Phone:

Description: RFI-390 FX1 Light Fixture Change Due to Design Conflicts with Steel

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 390 "FX1 Light Fixture Change Due to Design Conflicts with Steel." It was discovered during coordination that the FX1 fixture housing conflicts with the exterior wall steel. The design team suggested substituting the original Lithonia Lighting FX1 Type Fixture with a USAI Lighting FX1 Type Fixture with a smaller housing thus eliminating the conflicts with the steel.

1.) WJGEI - Includes the cost of substituting the original Lithonia Lighting FX1 Type Fixture with a USAI Lighting FX1 Type Fixture. Total cost is \$7,239.58 per WJGEI Proposal #41 dated October 27, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Wayne J. Griffin Electric, Inc	16-001				\$7,239.58		\$7,239.58
						Subtotal:	\$7,239.58
			Builders Risk (0.157%)		\$7,239.58		\$11.37
			General Liability (1.10%)		\$7,239.58		\$79.64
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)		\$7,330.59		\$366.53
			Bond (0.53%)		\$7,697.12		\$40.79
						Total:	\$7,737.91

- 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: CR180
Date: 11/10/23
Job: 2515 Stoneham High School
Phone:

Description: PR-103 WAP and AV Data 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-103 "WAP and AV Data Coordination." This proposal request revises data outlet locations for Wireless Access Points to provide optimal signal coverage at the Community Terrace and back-of-house spaces, shifts the locations of a security camera on the Community Terrace, and adjusts data locations to align with AV device requirements.

1.) WJGEI - Includes the cost of all labor and materials necessary to modify the WAP and AV Data as shown in PR-103. Total cost is \$7,938.22 per WJGEI Proposal #46 dated November 8, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Wayne J. Griffin Electric, Inc	16-101				\$7,938.22		\$7,938.22
						Subtotal:	\$7,938.22
			Builders Risk (0.157%)		\$7,938.22		\$12.46
			General Liability (1.10%)		\$7,938.22		\$87.32
			SDI (Non-Trade Only) (1.40%)				\$0.00
			OH&P (5%)		\$8,038.00		\$401.90
			Bond (0.53%)		\$8,439.90		\$44.73
						Total:	\$8,484.63

- 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: CR183
Date: 11/17/23
Job: 2515 Stoneham High School
Phone:

Description: PR-110 Soffits for 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-110 "Soffits for Coordination." This proposal request provides gypsum wall board (GWB) soffits for coordination to cover a partially exposed steel cross-brace in the NW corner of the hallway opening at door A108 per RFI 413 and at the North wall in Pre-K Conf. Teacher Work A142 as well as a furr out around a column in Teacher Planning C221.

1.) Century - Includes the cost of all labor and material necessary to furnish and install the added soffits and furr out per PR-110. Total cost is \$5,032.00 per Century CR #30 dated November 9, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Century Drywall, Inc.	9-220				\$5,032.00		\$5,032.00
						Subtotal:	\$5,032.00
			Builders Risk (0.157%)		\$5,032.00		\$7.90
			General Liability (1.10%)		\$5,032.00		\$55.35
			SDI (Non-Trade Only) (1.40%)		\$5,032.00		\$70.45
			OH&P (5%)		\$5,165.70		\$258.29
			Bond (0.53%)		\$5,423.99		\$28.75
						Total:	\$5,452.74

- 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: CR184
Date: 12/4/23
Job: 2515 Stoneham High School
Phone:

Description: RFI-433 Aisle Lighting Drivers for Aud Seating

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-433 "Aisle Lighting Drivers for Aud Seating." In submittal "126111-002 - Electrical Details for Aisle Lighting - PD," it was noted by the design team to confirm that the power supply (drivers) for the aisle lighting can accept 277V. It was confirmed that the drivers are only compatible with 120V as specified in spec section 126111 2.2.H.2 and do not accept 277V. It was noted by the design team in the RFI response that changing the driver to be 277V compatible is an acceptable solution. This solution is the most effective solution as it does not impact any electrical scope; it only requires the change of drivers. A total of (6) 120V compatible drivers will be substituted with (6) 277V compatible drivers.

1.) Ducharme - Includes the cost to substitute (6) 120V compatible drivers with (6) 277V compatible drivers for the aisle lighting. Total cost is \$768.00 per Ducharme CO #1 dated November 1, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Ducharme Seating Int'l Inc.	12-610				\$768.00		\$768.00
						Subtotal:	\$768.00
			Builders Risk (0.157%)		\$768.00		\$1.21
			General Liability (1.10%)		\$768.00		\$8.45
			SDI (Non-Trade Only) (1.40%)		\$768.00		\$10.75
			OH&P (5%)		\$788.41		\$39.42
			Bond (0.53%)		\$827.83		\$4.39
						Total:	\$832.22

- 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: CR195
Date: 11/30/23
Job: 2515 Stoneham High School
Phone:

Description: CCD-008 PreK Classroom Casework Doors

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 CCD-008 "PreK Classroom Casework Doors." This construction change directive adds lockable doors to the base cabinets in the Pre-K Classrooms per Owner Request.

1.) Northeast Interior - Includes the cost of all labor and material necessary to furnish and install lockable doors to the base cabinets in the Pre-K Classrooms per CCD-008. Total cost is \$2,175.80 per NEIS RFC #6 dated November 30, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Northeast Int. Sys. of NE, Inc	12-320				\$2,175.80		\$2,175.80
						Subtotal:	\$2,175.80
			Builders Risk (0.157%)		\$2,175.80		\$3.42
			General Liability (1.10%)		\$2,175.80		\$23.93
			SDI (Non-Trade Only) (1.40%)		\$2,175.80		\$30.46
			OH&P (5%)		\$2,233.61		\$111.68
			Bond (0.53%)		\$2,345.29		\$12.43
						Total:	\$2,357.72

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.
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: CT045
Date: 12/7/23
Job: 2515 Stoneham High School
Phone:

Description: Premium Time - September 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 September 2023.

1.) Greenwood - Provide premium time labor to continue roof installation. This work was completed on T&M basis and tracked on SMMA Authorization #076 & 083. The total cost for this work is \$2,977.92 per Greenwood Invoice #076 & 083.

2.) P.J. Spillane - Provide premium time labor to continue avb installation at Area A, B and C. This work was completed on a T&M basis and tracked on SMMA Authorization #077, 086 & 092. The total cost for this scope of work is \$6,966.00 per P.J. Spillane CORs 503, 504, & 506 dated October 11, 2023 & November 13, 2023.

3.) 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 #078. The total cost for this scope of work is \$1,508.00 per Century CR #28 dated November 6, 2023

4.) H. Carr (Spray Fireproofing) - Provide premium time labor to spray fireproof steel members and decking on Area C Level 3. This work was completed on a T&M basis and tracked on SMMA Authorization #088. The total cost for this scope of work is \$770.79 per H. Carr T&M Invoice 79551 dated September 23, 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 #079. The total cost for this scope of work is \$158.80 per Riggs CT045 dated September 15, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Greenwood Industries Inc	7-501				\$2,977.92		\$2,977.92
P.J. Spillane	7-102				\$6,966.00		\$6,966.00
Century Drywall, Inc.	9-220				\$1,508.00		\$1,508.00
Riggs General Requirements	1-099				\$158.80		\$158.80
Contingency #1	19-001				\$-12,381.51		\$-12,381.51
H. Carr and Sons LLC	7-810				\$770.79		\$770.79
						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



Contingency Change Request

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

Number: CT045
Date: 12/7/23
Job: 2515 Stoneham High School
Phone:

- 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: CT048
Date: 11/20/23
Job: 2515 Stoneham High School
Phone:

Description: RFI-331 Line 1 Deck Repair

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 response to RFI-331 "Area C Roof Decking Repair - Column Line 1." During the installation of the exterior cold formed metal framing, it was identified that the contract documents did not indicate structural steel to support the metal deck. To mitigate this cost, the exterior wall framing subcontractor was able to install a designed connection as part of the delegated design scope of work. To install this framing, the structural steel deck was required to be cut back to allow proper access for the framing subcontractor to anchor their framing to the adjacent structural beam. After the exterior framing was installed, a field fix was proposed in RFI 331 to reinstall the metal decking where it was removed again to avoid having to remove and replace full sheet of steel decking. As requested by the design team in the response to RFI-331, the proposed field fix was detailed and certified by a third party engineer.

1.) Norgate - Includes the cost of all labor and material necessary remove and replace steel decking per response to RFI-331. Total cost is \$12,569.03 per Norgate NOC #37 dated September 20, 2023.

2.) Thornton Tomasetti - Includes the cost to provide certified engineered detail for the field fix noted in RFI-331. Please note this cost includes costs associated with reviewing the design loads of the concrete slab on deck to confirm construction lifts could be utilized during the construction phase. The total cost is \$7,800.00 per Thornton Tomasetti Invoice Q22214.00-3 dated October 11, 2023.

This Contingency Transfer will transfer \$12,569.03 from Construction Contingency (19-001) to the Structural Steel Subcontract (5-120) and \$7,800.00 from Construction Contingency (19-001) to Third Party Professional Services code (1-981).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Norgate Metal 2012, Inc.	5-120				\$12,596.03		\$12,596.03
Contingency	19-001				\$-20,396.03		\$-20,396.03
Thorton Tomasetti	1-981				\$7,800.00		\$7,800.00
						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



Contingency Change Request

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

Number: CT048
Date: 11/20/23
Job: 2515 Stoneham High School
Phone:

- 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: CT056
Date: 11/27/23
Job: 2515 Stoneham High School
Phone:

Description: Premium Time October 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 October 2023.

1.) PJ Spillane - Provide premium time labor to continue installation of AVB at Area A and B. This work was completed on T&M basis and tracked on SMMA Authorization #093 and 096. Total cost is \$3,351.00 per PJ Spillane COR #505 and 507 dated November 13, 2023.

2.) Fernandes - Provide premium time labor to continue installation of masonry at Area B. This work was completed on T&M basis and tracked on SMMA Authorization #099. Total cost is \$4,935.89 per Fernandes COR #002 dated November 2, 2023.

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
P.J. Spillane	7-102				\$3,351.00		\$3,351.00
Fernandes Masonry, Inc	4-101				\$4,935.89		\$4,935.89
Contingency #1	19-001				\$-8,286.89		\$-8,286.89
						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: CT057
Date: 11/13/23
Job: 2515 Stoneham High School
Phone:

Description: Arbor Pit Access Hatch - 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 unprocured scope of work for the arbor pit access hatch. This scope includes the furnish and install of the floor hatch to the arbor pit on the stage as shown on drawing A11-01D. Please note that there will be a 5 year warranty provided for this door starting on the date of shipping in lieu of the 1 year warranty from the date of substantial completion.

1.) Riggs - Includes the cost of all labor and material necessary to furnish and install the arbor pit access hatch. Total cost is \$6,826.37 per Riggs CR CT057 dated November 29, 2023.

This Contingency Transfer will transfer \$1,826.37 from Construction Contingency (19-001) to the Metal Panel Subcontract (7-475) and tranfer \$5,000.00 from Floor Doors - Hold (8-005) to the Metal Panel Subcontract (7-475).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Riggs Contracting Inc.	7-475				\$6,826.37		\$6,826.37
Contingency #1	19-001				\$-1,826.37		\$-1,826.37
Floor Doors - Hold	8-005				\$-5,000.00		\$-5,000.00
						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 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



Contingency Change Request

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

Number: CT062
Date: 11/10/23
Job: 2515 Stoneham High School
Phone:

Description: Ice Machine - 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 unprocured scope of work for the Ice Machine. This scope includes the furnish and set the P.2 Ice Machine as noted in the Equipment Schedule on A44-02.

1.) Northeast Interior - Includes the cost to furnish and set the P.2 Ice Machine as noted on Equipment Schedule on A44-02. Total cost is \$7,410.57 per NEIS RFC #3 dated November 07, 2023.

This Contingency Transfer will transfer \$7,410.57 from Construction Contingency (19-001) to the Millwork/Specialties Subcontract (12-320).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Northeast Int. Sys. of NE, Inc	12-320				\$7,410.57		\$7,410.57
Construction Contingency	19-001				\$-7,410.57		\$-7,410.57
						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: CT063
Date: 12/12/23
Job: 2515 Stoneham High School
Phone:

Description: Premium Time - November 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 November 2023.

1.) Fernandes - Provide premium time labor to continue masonry installation. This work was completed on T&M basis and tracked on SMMA Authorization #102 & 106. The total cost for this work is \$6,241.99 per Fernades COR 003 & 004 dated November 07, 2023 and December 01, 2023.

2.) General Mechanical - Provide premium time labor to continue mechanical ductwork and pipe installation. This work was completed on T&M basis and tracked on SMMA Authorization #104 & 110. The total cost for this work is \$15,827.12 per GMC Change Request Summary dated November 13, 2023 and November 18, 2023.

This Contingency Transfer will transfer \$6,241.99 from Construction Contingency (19-001) to the Masonry Subcontract (4-101) and transfer \$15,827.12 from Construction Contingency (19-001) to the Mechanical Subcontract (15-501).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Fernandes Masonry, Inc	4-101				\$6,241.99		\$6,241.99
General Mech Contractor Inc	15-501				\$15,827.12		\$15,827.12
Contingency #1	19-001				\$-22,069.11		\$-22,069.11
						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: CT063
Date: 12/12/23
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: CT064
Date: 11/27/23
Job: 2515 Stoneham High School
Phone:

Description: Louver Stamped Calcs

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 cost to provide engineer stamped structural analysis for the fixed louver scope. The structural analysis was excluded during procurement.

1.) Buckley Associates - Includes the cost to provide engineer stamped structural analysis for the fixed louver scope. Total cost is \$5,000 per Buckley Quote dated November 9, 2023.

This Contingency Transfer will transfer \$5,000.00 from Construction Contingency (19-001) to the Fixed Louver Subcontract (10-201).

Description	Cost Code	Labor	Material	Equipment	Subcontract	Other	Price
Buckley Associates Inc.	10-201				\$5,000.00		\$5,000.00
Contingency #1	19-001				\$-5,000.00		\$-5,000.00
						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 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

Town of Stoneham

Stoneham High School

Project Budget and Cost Summary

December 15, 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	\$56,063,817	\$119,920,070
CMR Contingency (5.%)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Change Orders		\$1,334,702	\$1,334,702	\$1,334,702	\$0	\$2,907,380	\$4,242,082	\$1,099,000	\$3,143,082
Subtotal	\$153,677,188	\$23,929,179	\$177,606,367	\$177,606,367	\$0	\$2,907,380	\$180,513,747	\$57,450,595	\$123,063,152
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	\$1,476,300	\$2,460,500
Geotech/GeoEnvironmental Consultant	\$657,170	\$0	\$657,170	\$591,343	\$65,827	\$0	\$657,170	\$467,362	\$189,808
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	\$45,177	\$224,653
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	\$156,426	\$357,875
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	\$12,353,562	\$3,908,776

Town of Stoneham

Stoneham High School

Project Budget and Cost Summary

December 15, 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	\$1,194,000	\$1,991,100
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	\$2,992,322	\$3,777,778
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	\$26,211,517	\$205,065,805	\$201,158,843	\$3,906,962	\$2,907,380	\$207,973,185	\$72,796,479	\$135,176,706
70 Project Contingency									
Construction Contingency (Hard Cost) (5%)	\$7,670,933	-\$1,334,701	\$6,336,232	\$6,336,232	-\$2,907,380	\$3,428,852			\$3,428,852
Owner's Contingency (Soft Cost) (2%)	\$3,068,373	-\$386,588	\$2,681,785	\$2,681,785	-\$140,000	\$2,541,785			\$2,541,785
Subtotal	\$10,739,306	-\$1,721,289	\$9,018,017	\$9,018,017	-\$3,047,380	\$5,970,637			\$5,970,637
Project Total	\$189,593,594	\$24,490,228	\$214,083,822	\$201,158,843	\$12,924,979	-\$140,000	\$213,943,822	\$72,796,479	\$141,147,343

Stoneham High School

Value Management Log - Schematic Design, Design Development, 60% CDs

NO.	DESCRIPTION	DOCS	INITIAL VM AMOUNT	UPDATED PRICE	STATUS	TRADES	NOTES	DECISION DATE
60% CD								
CL-059	PLAYGROUND - Replace rubber safety surface in Pre-K Playground with engineered wood fiber. (Combination of accessible path and wood fiber)	60% CD	(\$187,414)	TBD	FOR CONSIDERATION	Landscaping	Wood fiber has been ordered. FEASIBLE	
IN-131	OPERABLE WALL - Delete remaining operable wall between all general classrooms	60% CD	(\$167,777)					
D-050	ELECTRICAL GENERATOR - Reduce size of generator to 500kW (no warming/cooling center)	60% CD	(\$139,003)					
D-055	SITE LIGHTING - Reduce quantity of site lighting fixtures by 10 ea	60% CD	(\$102,775)				Site lighting submittals already reviewed and approved	
IN-151	ALUMINUM STOREFRONT - Change all interior aluminum storefront and doors to painted hollow metal	60% CD	(\$89,385)					
CL-097	CURBS - Reuse existing granite curbs	60% CD	(\$71,036)			Sitework	Granite curbs are out 8 months	
CL-089	NETS - Remove 20' high net at Spartan Place end zones	60% CD	(\$48,040)	TBD	FOR CONSIDERATION	Landscaping	PHASE 2	
CL-074	RETAINING WALLS - Replace site retaining walls with segmented precast concrete retaining walls.	60% CD	(\$43,556)	TBD	FOR CONSIDERATION	Landscaping/Site	At Spartan Stadium	
D-044	TOLIETS - Eliminate sensor flush valves; utilize manual flush	60% CD	(\$30,692)					
IN-090	FLOORING - Change Polished Concrete Floor to Resilient Tile in all Science Rooms	60% CD	(\$27,349)					
IN-091	FLOORING - Change Polished Concrete Floor to Stained Concrete in Art Rooms	60% CD	(\$28,236)					
CL-061	TREES AND PLANTINGS - Reduce trees and plants scope by 15%	60% CD	(\$25,921)	TBD	FOR CONSIDERATION	Landscaping		
CL-041	SIDEWALKS - Change concrete walks to asphalt; target 25%	60% CD	(\$23,863)	TBD	FOR CONSIDERATION	Sitework		
Design Development								
EN-14	EXTERIOR CLOSURE - Eliminate Community Terrace (Lev 2); Replace w/ typ roof construction; Enclose a portion of the Community Terrace to create an interior egress route	DD	(\$95,427)				Add Alternate #2	
EN-34	EXTERIOR PANELS - Replace Porcelanosa panel with masonry **NOTE: Major redesign	DD	(\$1,774,715)					
EN-37a	GLAZING - Replace triple glazing with double glazing -- 100% double glazing **NOTE: 0.7 EUI increase	DD	(\$579,941)					
EN-38/39	SKYLIGHT - Target \$125K savings in Skylight reduction East/West/North/South of Gymnasium **NOTE: IMPACT TO DAYLIGHTING	DD	(\$125,000)					
EN-42	AUDITORIUM WALLS - Eliminate masonry jogging at North and South walls of Auditorium, run walls straight	DD	(\$40,780)					
EN-43	WINDOWS - Change all punched windows from Curtainwall to Standard Punched Window Construction	DD	(\$107,716)					
EN-48a	SUNSHADES - Eliminate vertical classroom fins (SS1A, SS1B, SS2A, SS2b)	DD	(\$322,578)					
EN-48b	SUNSHADES - Eliminate horizontal sunshades (SS4)	DD	(\$32,723)					
EN-50	EXTERIOR INSULATION - Reduce the insulation between studs from 4" Single Component Foam Insulation to 1" (3" reduction) and achieve an overall R-26.6 for the exterior wall **NOTE: 0.1 EUI increase	DD	(\$206,659)					
IN-19	INTERIOR CONSTRUCTION - Operable Partitions - Corridors; Eliminate 50%; replace with GWB and wall tile on corridor side 5ft high	DD	(\$77,042)					
IN-22	INTERIOR CONSTRUCTION - Operable Partitions - Classrooms; Reduce operable partitions between classrooms by 4 ea	DD	(\$134,275)					
IN-60/61a	SCIENCE EQUIPMENT - Change all fume hoods to recirculating type NOTE: Bala-Would eliminate lab type roof exhaust fans (one per fume hood) and stainless steel ductwork. Rooms with fume hood would still be exhausted at a high air change rate but energy from air could be recovered at Air Handling Units. Item would slightly increase Building EUI.	DD	(\$132,252)					
IN-89a	FLOORING - Change Porcelain Ceramic Floor Tile to Polished Concrete in Spartan Place	DD	(\$286,390)					
IN-94	WALL TILE - Reduce Porcelain Wall Tile in Corridors by 25%	DD	(\$148,431)	TBD	FOR CONSIDERATION	Tile	Potential schedule impact	
IN-95	WALL TILE - Reduce Porcelain Wall Tile in Pre-K Corridors by 50%	DD	(\$46,717)	TBD	FOR CONSIDERATION	Tile	Potential schedule impact	
IN-106	ADMIN CEILING - Change Gypsum Board ceilings in Administration Suite to standard ACT-1 ceiling	DD	(\$19,115)					
IN-107	PRE-K ENTRY CEILING - Change Wood Ceiling in Pre-K Entry to standard ACT-1 ceiling	DD	(\$47,165)	TBD	FOR CONSIDERATION	ACT	Coordination with lighting and devices in ceilings	
IN-108	PRE-K LUNCH ROOM CEILING - Change Wood Ceiling in Pre-K Lunch Room to standard ACT-1 ceiling	DD	(\$37,312)					
IN-125b	WET WALL TILE - Reduce tile at wet walls from varying heights to 5'-0"	DD	(\$156,513)	TBD	FOR CONSIDERATION	Tile	Potential schedule impact	
IN-130a	FIREPROOFING - Remove intumescent fire proofing from EXP-2 from auditorium, replace with spray fireproofing.	DD	(\$64,156)					
D-08	ELECTRICAL - Reduce hardwire tel/data drop quantities by 20%	DD	(\$116,349)					
D-42	RAINLEADERS - Reduce storm drainage; target \$200k direct cost	DD	(\$232,698)					
D-46	HEAT RECOVERY UNITS - Reduction in ATC control points on the heat recovery condensing units	DD	(\$158,652)	TBD	FOR CONSIDERATION	HVAC	ATC submittals ongoing; Mech Engineer to confirm	
D-47	DIFFUSERS - Reduce linear slot diffuser quantity by 50%; replace with standard registers, grilles & diffusers.	DD	(\$46,580)					
D-52	ELECTRICAL PV DISTRIBUTION - Eliminate ductbanks to future PV locations at site; assume by PV vendor	DD	(\$186,158)					
D-55	SITE LIGHTING - Reduce quantity of site lighting fixtures by 1/3 (31 ea)	DD	(\$141,058)					
D-56a	PERFORMANCE ROOM HEAT RECOVERY UNIT - Eliminate HRU-11 and replace with (2) 4-ton ducted refrigerant fan coil units and associated air cooled condensing units	DD	(\$109,919)					
D-60	CABINET UNIT HEATERS IN STAIRS - Eliminate CUH in stairs B, C & D on levels 2 & 3 and add sensor at upper level	DD	(\$27,047)					
D-63	LIGHTING CONTROLS - Target reduction of lighting control package; \$250k direct cost	DD	(\$290,872)					
D-64	LIGHTING - Target reduction of lighting package; target \$2/sf reduction (from 12.5/sf to 10.5/sf)	DD	(\$481,864)					
CL-15	TURF FIELD - Change North Synthetic Turf Field to Seeded Grass Field only with irrigation; eliminate associated fencing around field	DD	(\$805,347)					
CL-27a	SPORTS LIGHTING - Delete sports lighting at North Field	DD	(\$445,311)				Add Alt. #2	
CL-31	TRAFFIC SIGNALS - Existing traffic Signal & intersection work at High School Entrance to remain as-is	DD	(\$292,062)					
CL-32	TRAFFIC SIGNALS - Traffic Signal & intersection work at Stevens Street by Town	DD	(\$525,024)	TBD	FOR CONSIDERATION			
CL-40	EQUIPMENT - Eliminate prefabricated dugouts at baseball and softball; add fencing with roof	DD	(\$169,842)	TBD	FOR CONSIDERATION			
CL-45	FENCING - Reduce height of 6 feet fencing to 4 feet (Tennis fencing to remain 10')	DD	(\$90,224)	TBD	FOR CONSIDERATION	Fencing		
CL-51	EQUIPMENT - Eliminate soccer nets, utilize existing	DD	(\$43,631)	TBD	FOR CONSIDERATION	Landscaping		
CL-52	BLEACHERS - Eliminate visitors bleachers from Spartan Stadium	DD	(\$124,424)					
CL-53	SEATING - Eliminate café seating area at Spartan Plaza (furniture only)	DD	(\$82,521)	TBD	FOR CONSIDERATION	Landscaping		
CL-61a	TREES AND PLANTINGS - Reduce trees and plants scope by 50%	DD	(\$129,075)	TBD	FOR CONSIDERATION	Landscaping		
CL-63	PRECAST ELEMENTS - Eliminate Precast benches and sidewalk at Amphitheater and grade uniformly	DD	(\$235,027)	TBD	FOR CONSIDERATION	Landscaping		
CL-64	PRECAST BENCHES - Eliminate Precast Benches at Front Entry Plaza	DD	(\$150,009)	TBD	FOR CONSIDERATION	Landscaping		
CL-77	ENTRY ROAD - Utilize existing entry drive, island and traffic signals/configurations	DD	(\$457,791)					
CL-78	GEO THERMAL - Reduce Geothermal Wells from 60 to a total of 48; Note: design refinement based on test well program	DD	(\$611,530)					
EQ-02	PERFORMANCE ROOM SEATING PLATFORMS - Reduce Black Box seating platforms by 1/2	DD	(\$48,285)				Space cannot accommodate	
EQ-03	ACOUSTIC SHELLS - Eliminate acoustic shells at Auditorium Stage	DD	(\$211,755)	TBD	FOR CONSIDERATION	Theater		
MD-21	SITE CONDUIT - Eliminate underground conduit from transformer to Electric Car Charging stations, to be by Eversource	DD	(\$82,130)					
MD-24b	PROGRAMMING - Eliminate district offices from HS; re-configure Pre-K program to eliminate approximately 5,100sf	DD	(\$2,000,000)					

Schematic Design							
EN-05	SIDING - Replace Porcelain siding with CMU on South Façade	SD	(\$341,423)				
EN-07	CURTAINWALL - Reduce curtainwall at Spartan Place & Band/Chorus by 25%; replace with siding	SD	(\$145,947)				
EN-15	EXTERIOR CLOSURE - Reduce Façade Glazing at corner classrooms by 50%	SD	(\$39,919)				
IN-08a	INTERIOR FINISHES - Spartan Place - ceilings to be substituted with Rulon panel grille ceiling with acoustic blanket (100%)	SD	(\$28,017)				
IN-10	CASEWORK - Casework in Eng./Drafting room; Reduce by 70%	SD	(\$25,373)				
IN-33	INTERIOR CONSTRUCTION - Cafeteria Millwork; Eliminate (2) millwork high-top tables, replace with furniture	SD	(\$43,438)				Procured through FF&E
IN-53	INTERIOR FINISHES - Back of House corridor finish; Replace wall tile w/ FRP	SD	(\$41,290)				
D-04b	ELECTRICAL - Reduce size of generator to 1,000kW (Cafeteria & Kitchen as warming/cooling center)	SD	(\$319,749)				
D-13	ELECTRICAL - Move pad mount transformer closer to main electric room to reduce secondary feeder cost (1/2 distance closer)	SD	(\$96,528)				
D-14	ELECTRICAL - Move Genset closer to main electric room to reduce secondary feeder cost (1/2 distance closer)	SD	(\$72,396)				
D-23	PIPING - Use of Pro-Press fittings in lieu of soldered connections for piping less than 2" in diameter. This does not include the use of ZoomLock fittings for refrigerant piping systems.	SD	(\$284,528)				
D-25	HEATING SYSTEM - Reduce radiant floor area by 50%; also reduces topping slab	SD	(\$37,479)				
D-30b	CHEMICALS - Utilize point-of-use acid neutralization systems; localized below 3-sink bays	SD	(\$359,696)				
D-34	CLOCKS - Reduce quantity; Remove from all offices	SD	(\$24,132)				
D-36	EQUIPMENT - Reduce theatrical lighting fixtures & controls scope; reduce by 10%	SD	(\$60,330)	TBD	FOR CONSIDERATION	Electrical	Requires new data wire to each location. Confirm panelboards can accommodate
D-40	DRY SPRINKLERS - Remove dry sprinklers from project at Loading, Freezer & Receiving areas; utilize wet sidewall heads to serve these areas	SD	(\$33,761)			Fire Protection	Not feasible at this time
MD-05	BUILDING VOLUME - Reduce Level 02 & 03 by 1'-0" each	SD	(\$503,640)				
CL-07	OVERLOOK DECK - Eliminate Overlook Deck	SD	(\$23,472)	TBD	FOR CONSIDERATION		Could be added back
CL-10	SOIL - Stockpile all Phase I soils onsite (building unsuitables); with amending operation. 25,000cy approximately 225' x 150' x 25'. Phase II site cuts to fills to be managed onsite.	SD	(\$1,066,593)				
CL-34a	EARTHWORK - Lower baseball field by 1'-0"	SD	(\$165,391)				
CL-34b	EARTHWORK - Lower building/first floor elevation by 1'-0"; Non-structural item: explore lowering the first floor elevation to reduce the cost of earthwork - potential replacement of unsuitable soils/ledge with structural fill. Removal of unsuitables will still be required; but structural import will be reduced.	SD	(\$229,254)				
CL-34c	EARTHWORK - Lower Student Parking lot by 1'-0"	SD	(\$120,660)				
MD-12d	STADIUM AREA - Combine concessions building with Stadium/Locker Room Building	SD	(\$175,000)				
MD-19	HVAC SYSTEM DESIGN - Reduce Geothermal Wells by 28; Revised HVAC System	SD	(\$1,353,481)				
Other Considerations				ESTIMATED:			
	Forecasted FF&E overrun			\$100,000	FOR CONSIDERATION		
	Upper cabinets in Culinary			\$40,000	FOR CONSIDERATION		
	Increase Branding budget			\$100,000	FOR CONSIDERATION		
	Add sports logos (at 3 Fields)			\$38,800	FOR CONSIDERATION		
	Amphitheater and Visitor Bleachers overrun			\$300,000	FOR CONSIDERATION		
	Additional field stripping			\$46,875	FOR CONSIDERATION		
	Forecasted End Zone graphics			\$38,650	FOR CONSIDERATION		
	Change blue track to black track			(\$25,000)	FOR CONSIDERATION		
	Opticom to Open Gates for Emergency Site Access			\$20,000	OWNER REQUEST		
	Increase Stadium Building footprint and storage			\$600,000	FOR CONSIDERATION		
	Add storage for Third Floor (2 areas)			\$30,000	FOR CONSIDERATION		
	Storage Units for Stadium Building and Facilities			\$100,000	FOR CONSIDERATION		
	Change seeded fields to sod			\$200,000	FOR CONSIDERATION		
	Add lighting and console for Video Production			TBD	FOR CONSIDERATION		
	Reconsider FF&E "nice to have"			TBD	FOR CONSIDERATION		

ALTERNATES:

- 1 SPARTAN STADIUM
- 2 NW SPORTS FIELD
- 3 COMMUNITY TERRACE
- 4 VISITOR BLEACHERS
- 5 GYM BLEACHER

SMMA

Project Management



Town of Stoneham

New Stoneham High School

Construction Update

12.18.2023





Drone Aerial – November 8, 2023



Drone Aerial – December 05, 2023



Drone Aerial – December 05, 2023



Drone Aerial – December 05, 2023 – South & East Elevation



Drone Aerial – December 05, 2023 - South Elevation



Drone Aerial – December 05, 2023 - West Elevation



Drone Aerial – December 15, 2023 - South Elevation



Auditorium wing – December 15, 2023



Auditorium – December 15, 2023



Spartan Place – December 15, 2023



Second Floor – December 15, 2023

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"> ○ <i>S.Iovanni to write a Press Release for the newspaper for the Time Capsule Working Group to review and comment.</i>

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.

Project Minutes

Project: Stoneham High School Project No.: 20033
 Prepared by: Sarah Traniello Meeting Date: 11/30/2023
 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 (A) Kathy Martin (A) Jeanne Craigie (A) Lisa Gallagher (A) Nicole Nial (A)	Donna Weiss Pauline "Bee" Russo	Sarah Traniello Julie Leduc (A)
		Stoneham High School Kevin Wetmore	

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> <p>[11/30/2023] J.Leduc advised S.Traniello of locations in Auditorium or behind a location that will be the last place finished in a wall location. Time Capsule Working Group needs to select a time capsule box of the appropriate size and shape needed and advise accordingly so that a location can be selected for placement. Procurement of the box will need to be completed sooner than later in case there are any lead times.</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,

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		<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.lovanni 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 ● [11/09/2023] S. lovanni 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. ● [11/30/2023] S. lovanni will be putting together Press Release for another article for the newspaper regarding the photography contest seeking submissions for consideration for the time capsule.
		<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 <ul style="list-style-type: none"> ▪ Complete. All journals have been turned over to Jeanne Craigie. ○ [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. <ul style="list-style-type: none"> ▪ Complete. All journals have been turned over to Jeanne Craigie. ○ [10/26/2023] Currently have 4 of 6 journals in play getting signatures and entries and achievable over the next months until

Item #	Action	Discussion
		<p>spring time when the ground will be soft enough after winter to put them into the time capsule.</p> <ul style="list-style-type: none"> ▪ Complete. All journals have been turned over to Jeanne Craigie. ○ [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. <ul style="list-style-type: none"> ▪ Complete. All journals have been turned over to Jeanne Craigie. ○ [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. • 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?

Item #	Action	Discussion
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. <ul style="list-style-type: none"> ▪ [11/30/2023] Successfully obtained “S” letter for letter jacket and assortment of pins, Spartan athletic jerseys (male and female) by Marie Christie for Time Capsule. ○ 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. • 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.

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		<ul style="list-style-type: none">○ 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	[11/30/2023] Kevin Wetmore of Stoneham High School faculty joined the Time Capsule Working Group Meeting to discuss opportunities to share projects that the students are currently working on with the students of the future including the Lip Dub Productions and will be working with the Working Group to assist with facilitating with the IT Director Chris Serino regarding technology that will be useful for playing and displaying items that are placed in the time capsule.
7.	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.
8.	Record	Upcoming Meetings <ul style="list-style-type: none">• 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.

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