

## Project Minutes

Project: New Stoneham High School Project No.: 20033  
 Prepared by: Joel Seeley Meeting Date: 3/14/2022  
 Re: School Building Committee Meeting Time: 7:00pm  
 Location: Central Middle School Library and Remote Participation Meeting No: 42  
 Distribution: Attendees (MF)

## Attendees:

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

| Item # | Action    | Discussion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| 42.1   | Record    | Call to Order, 7:00 PM, meeting opened.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 42.2   | Record    | This meeting will be a hybrid meeting held both via video conference and in person and a recording of such will be posted on the Town's website.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 42.3   | Record    | A motion was made by S. O'Neill and seconded by J. Thomson to approve the 2/28/22 School Building Committee meeting minutes. No discussion, motion passed unanimous, one abstention.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 42.4   | Record    | J. Seeley reviewed the Budget Status Report, dated 2/28/22, attached.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 42.5   | Record    | J. Seeley reviewed Warrant No. 22, attached.<br><br>A motion was made by J. Craigie and seconded by S. Iovanni to approve Warrant No. 22. No discussion, motion passed unanimous.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 42.6   | Record    | J. Seeley reviewed Consigli Preconstruction Change Order No.1 for Preconstruction Video Inspection of the existing culvert, in the amount of \$8,500 to be funded out of MSBA ProPay Code 0203-0100, Construction Testing budget, which has a balance of \$60,000.<br><br>Committee Discussion: <ol style="list-style-type: none"> <li>1. R. Parker asked if the culvert is currently blocked?<br/><i>J. Seeley indicated no, the water in the culvert was flowing, it was just too high for the video device.</i></li> <li>2. S. O'Neill asked if prevailing wage was required?<br/><i>K. Lyons will confirm.</i></li> <li>3. J. Craigie asked if the video discovers issues with the existing culvert who will be responsible to repair?<br/><i>J. Seeley indicated that will need to be reviewed with the Town.</i></li> <li>4. J. Craigie asked that the timing of the video taping occur when the water flow will allow the video device to operate without incurring the pumping cost.</li> </ol> <p>A motion was made by J. Craigie and seconded by S. Iovanni to approve Consigli Preconstruction Change Order No.1 for Preconstruction Video Inspection of the existing culvert, in the amount of \$8,500, with the condition that Consigli strives to time the videotaping to occur when the water flow will allow the video device to operate without incurring the pumping cost. No discussion, motion passed unanimous.</p> |
| 42.7   | Record    | J. Seeley reviewed the Building Code Variance Request, dated 2/21/22 attached.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 42.8   | B. Trivas | B. Trivas to provide a layout of delivery trucks and dumpsters at the loading dock for review. <i>(from prior meeting)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Item # | Action        | Discussion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| 42.9   | D. Warner     | D. Warner to provide a list of trees for review. <i>(from prior meeting)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 42.10  | D. Warner     | D. Warner to provide details of the bollards at the front drop-off area to confirm they will not impede emergency response vehicles, for review. <i>(from prior meeting)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 42.11  | D. Warner     | D. Warner to provide a layout of the Japanese Dogwoods for review. <i>(from prior meeting)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 42.12  | T. McCabe     | T. McCabe to present the overall construction schedule including procurement for review. <i>(from prior meeting)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 42.13  | D. Sheehan    | D. Sheehan will review any Federal programs for Covid funds that may be applied to the project. <i>(from prior meeting)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 42.14  | B. Trivas     | B. Trivas will review the acoustic performance of the overhead coiling glass garage doors at the Maker Space with the acoustical consultant and provide direction. <i>(from prior meeting)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 42.15  | B. Trivas     | B. Trivas to review if the batting cage can stay off the main court. <i>(from prior meeting)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 42.16  | P. Cunningham | P. Cunningham to review the metal wall panel material at the building entry and confirm it is sufficiently durable for that location. <i>(from prior meeting)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 42.17  | J. Seeley     | J. Seeley to contact MSBA to confirm their availability for a 6/15/22 Ground Breaking ceremony. <i>(from prior meeting)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 42.18  | K. Lyons      | <p>K. Lyons reviewed the Phase 1A Enabling and Phase 1B Early Site Logistics Plans and Summer 2022 Schedule, attached.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> <li>1. D. Bois asked if two bollards and a keyed chain can be utilized at the temporary Boxwood Road access drive in lieu of a keyed gate?<br/><i>K. Lyons to change the gate to the bollards with chain.</i></li> <li>2. D. Bois asked about the status of reducing the temporary stockpile area?<br/><i>K. Lyons indicated Consigli is assessing the cut and fill requirements and will provide direction to the Committee.</i></li> <li>3. M. Christie asked if school delivery trucks will be using the temporary Boxwood Road access?<br/><i>B. McNeil indicated no, deliveries will be coordinated to be before mid-July or after mid-August, when access from Franklin Street is available.</i></li> <li>4. M. Christie asked will parents and the public need to access to the high school for registration in the summer?<br/><i>B. McNeil indicated no, that function will be relocated to the Middle School for Summer 2022.</i></li> </ol> |

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| Item # | Action    | Discussion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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|        |           | <p>5. D. Sheehan asked if the temporary fence at the existing entry drive off Franklin Street can be positioned to allow vehicles to turn around if they mistakenly enter the drive between mid-July and mid-August?<br/><i>K. Lyons indicated Consigli will review.</i></p> <p>6. R. Parker indicated the Boxwood Road residents should be notified that the temporary drive will be utilized by the 23 high school full-time staff during Summer 2022 and Summer 2023.<br/><i>D. Sheehan indicated a meeting will be scheduled with those residents in the upcoming weeks.</i></p> <p>7. J. Thomson indicated that the adjacent residents on Fieldstone Drive should also be notified.<br/><i>J. Seeley indicated a community meeting will be scheduled in early April to update the surrounding neighborhoods on the project design, schedule and construction logistics.</i></p> <p>8. S. Iovanni asked if a mailed invitation will be sent out to the neighbors, similar to the neighborhood meeting held last Spring?<br/><i>J. Seeley indicated yes, and that he will coordinate with the PR Subcommittee on the meeting and invite.</i></p> <p>9. M. Christie asked that all memorials and memorabilia be removed and protected that are in the area of the construction.<br/><i>B. McNeil will develop a list for Consigli to review and incorporate in the Early Site Contract Documents.</i></p> |
| 42.19  | B. Trivas | <p>J. Seeley reviewed the Preliminary List of Proprietary Items, attached, and reviewed the process for approving the list. The list will be finalized during the 60% Construction Document Phase, with a vote by the SSBC to recommend approval by the School Committee, who will vote to approve, with such vote submitted to the MSBA. B. Trivas provided an overview of each item on the list.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"><li>1. D. Gove asked why is the Stormceptor a proprietary item and how many are there?<br/><i>B. Trivas will review and provide direction to the Committee.</i></li><li>2. D. Bois asked that maintenance requirements of the Stormceptor be provided as well.<br/><i>B. Trivas will review and provide direction to the Committee.</i></li><li>3. S. Iovanni asked if the security-related proprietary items should be disclosed to the public?</li></ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Item # | Action                 | Discussion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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|        |                        | <p><i>D. Sheehan indicated yes, the list does not indicate the specific applications.</i></p> <p>4. S. Iovanni asked if being a Proprietary Item limits vendors as well as materials?<br/><i>B. Trivas indicated just the materials, not the vendors.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 42.20  |                        | <p><b>Subcommittee Updates</b></p> <ol style="list-style-type: none"> <li>J. Seeley reviewed the 2/7/22 Fire Department Meeting Minutes, attached.</li> <li>J. Seeley reviewed the 2/8/22 Interiors Subcommittee Meeting Minutes, attached.</li> <li>J. Seeley reviewed the 2/25/22 Construction Subcommittee Meeting Minutes, attached.</li> <li>J. Seeley reviewed letters to Nexamp, Inc, Ameresco, Inc, and Solect Energy Development, dated 3/10/22 attached, inviting to interview on 3/18/22 to provide the Photovoltaic System.</li> <li>J. Seeley indicated the Ad Hoc VE Subcommittee will be meeting on 3/17/22 to review potential VE options.</li> <li>J. Seeley to coordinate with S. Iovanni to schedule a PR Subcommittee meeting.</li> </ol> |
| 42.21  | Record                 | <b>Committee Questions</b> - none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 42.22  | Record                 | <b>Old or New Business</b> - none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 42.23  | J. Seeley<br>B. Trivas | <p><b>Public Comment</b></p> <ol style="list-style-type: none"> <li>Mr. and Mrs. Doucet of 150 Franklin Street requested that the neighborhood meeting review the proposed traffic signal work on Franklin Street.<br/><i>J. Seeley and B. Trivas to coordinate to include the Franklin Street traffic signal work in the presentation to the neighbors.</i></li> </ol>                                                                                                                                                                                                                                                                                                                                                                                       |
| 42.24  | Record                 | Next <b>SSBC Meeting: March 28, 2022 at 7:00 pm.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 42.25  | Record                 | A Motion was made by S. Iovanni and seconded by J. Thomson to adjourn the meeting. No discussion, motion passed unanimous.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

Attachments: Agenda, Budget Status Report, Warrant No. 22, Consigli Preconstruction Change Order No.1, Building Code Variance Request, Phase 1A Enabling and Phase 1B Early Site Logistics Plans and Summer 2022 Schedule, Preliminary List of Proprietary Items, 2/7/22 Fire Department Meeting Minutes, 2/8/22 Interiors Subcommittee Meeting Minutes, 2/25/22 Construction Subcommittee Meeting Minutes, Letters to Nexamp, Inc, Ameresco, Inc, and Solect Energy Development

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

1000 Massachusetts Avenue  
Cambridge, MA 02138  
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[www.smma.com](http://www.smma.com)

## Agenda

|               |                                                      |               |           |
|---------------|------------------------------------------------------|---------------|-----------|
| Project:      | New Stoneham High School                             | Project No.:  | 20033     |
| Re:           | School Building Committee Meeting                    | Meeting Date: | 3/14/2022 |
| Prepared by:  | Joel Seeley                                          | Meeting Time: | 7:00 PM   |
| Location:     | Central Middle School Library & Remote Participation | Meeting No.   | 42        |
| Distribution: | Attendees (MF)                                       |               |           |

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1. Call to Order
2. Approval of Minutes
3. Approval of Invoices and Commitments
4. Schedule and Budget Update
5. Construction Phasing and Logistics Update
6. Proprietary Specification Process
7. Subcommittee Updates
8. New or Old Business
9. Committee Questions
10. Public Comments
11. Next Meeting: March 28, 2022
12. Adjourn

**Join Go-To-Meeting:** <https://global.gotomeeting.com/join/658793317>  
**Dial-in:** [+1 \(571\) 317-3122](tel:+15713173122) **Access Code:** 658-793-317

| Symmes Maini & McKee Associates, Inc. (SMMA)<br>Stoneham Public School District<br>Stoneham High School |                                               | Original<br>PFA Budget<br>08/18/2021 | Budget<br>Revisions | Current<br>Budget       | Contract<br>Amount      | Expended               | (B - C)<br>Remaining<br>Contract Amount | Additional<br>Projected<br>Amount | (A - B - E)<br>Budget<br>Balance |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|---------------------|-------------------------|-------------------------|------------------------|-----------------------------------------|-----------------------------------|----------------------------------|
| BUDGET / Summary as of: 2/28/2022                                                                       |                                               |                                      |                     |                         |                         |                        |                                         |                                   |                                  |
| Propay<br>code #                                                                                        | Name                                          |                                      |                     | A                       | B                       | C                      | D                                       | E                                 |                                  |
|                                                                                                         | <b>Feasibility Study Agreement</b>            |                                      |                     |                         |                         |                        |                                         |                                   |                                  |
| 0001-0000                                                                                               | OPM Feasibility Study                         | 187,500.00                           | (82,500.00)         | 105,000.00              | 105,000.00              | 105,000.00             | -                                       | -                                 | -                                |
| 0002-0000                                                                                               | A&E Feasibility Study                         | 465,000.00                           | (45,000.00)         | 420,000.00              | 420,000.00              | 420,000.00             | -                                       | -                                 | -                                |
| 0003-0000                                                                                               | Environmental and Site                        | 60,000.00                            | 114,193.14          | 174,193.14              | 174,193.14              | 147,734.27             | 26,458.87                               | -                                 | -                                |
| 0004-0000                                                                                               | Other                                         | 37,500.00                            | 13,306.86           | 50,806.86               | 47,051.36               | 38,795.23              | 8,256.13                                | -                                 | 3,755.50                         |
|                                                                                                         | <b>Feasibility Study Agreement Subtotal</b>   | <b>\$ 750,000.00</b>                 | <b>\$ -</b>         | <b>\$ 750,000.00</b>    | <b>\$ 746,244.50</b>    | <b>\$ 711,529.50</b>   | <b>\$ 34,715.00</b>                     | <b>\$ -</b>                       | <b>\$ 3,755.50</b>               |
|                                                                                                         | <b>Administration</b>                         |                                      |                     |                         |                         |                        |                                         |                                   |                                  |
| 0101-0000                                                                                               | Legal Fees                                    | 120,000.00                           |                     | 120,000.00              | -                       | -                      | -                                       | -                                 | 120,000.00                       |
|                                                                                                         | <b>Owner's Project Manager</b>                |                                      |                     |                         |                         |                        |                                         |                                   |                                  |
| 0102-0400                                                                                               | > Design Development                          | 380,000.00                           |                     | 380,000.00              | 380,000.00              | 180,000.00             | 200,000.00                              | -                                 | -                                |
| 0102-0500                                                                                               | > Construction Contract Documents             | 640,000.00                           |                     | 640,000.00              | 640,000.00              | -                      | 640,000.00                              | -                                 | -                                |
| 0102-0600                                                                                               | > Bidding                                     | 180,000.00                           |                     | 180,000.00              | 180,000.00              | -                      | 180,000.00                              | -                                 | -                                |
| 0102-0700                                                                                               | > Construction Contract Administration        | 3,185,100.00                         |                     | 3,185,100.00            | 3,185,100.00            | -                      | 3,185,100.00                            | -                                 | -                                |
| 0102-0800                                                                                               | > Closeout                                    | 220,000.00                           |                     | 220,000.00              | 220,000.00              | -                      | 220,000.00                              | -                                 | -                                |
| 0102-0900                                                                                               | > Extra Services                              | 140,000.00                           |                     | 140,000.00              | -                       | -                      | -                                       | -                                 | 140,000.00                       |
| 0102-1000                                                                                               | > Reimbursable & Other Services               | 80,000.00                            |                     | 80,000.00               | -                       | -                      | -                                       | -                                 | 80,000.00                        |
| 0102-1100                                                                                               | > Cost Estimates                              | -                                    |                     | -                       | -                       | -                      | -                                       | -                                 | -                                |
| 0103-0000                                                                                               | Advertising                                   | 20,000.00                            |                     | 20,000.00               | 260.00                  | 260.00                 | -                                       | -                                 | 19,740.00                        |
| 0104-0000                                                                                               | Permitting                                    | 120,000.00                           |                     | 120,000.00              | -                       | -                      | -                                       | -                                 | 120,000.00                       |
| 0105-0000                                                                                               | Owner's Insurance                             | 200,000.00                           |                     | 200,000.00              | -                       | -                      | -                                       | -                                 | 200,000.00                       |
| 0199-0000                                                                                               | Other Administrative Costs                    | 260,000.00                           |                     | 260,000.00              | -                       | -                      | -                                       | -                                 | 260,000.00                       |
|                                                                                                         | <b>Administration Subtotal</b>                | <b>\$ 5,545,100.00</b>               | <b>\$ -</b>         | <b>\$ 5,545,100.00</b>  | <b>\$ 4,605,360.00</b>  | <b>\$ 180,260.00</b>   | <b>\$ 4,425,100.00</b>                  | <b>\$ -</b>                       | <b>\$ 939,740.00</b>             |
|                                                                                                         | <b>Architecture and Engineering</b>           |                                      |                     |                         |                         |                        |                                         |                                   |                                  |
|                                                                                                         | <b>Basic Services</b>                         |                                      |                     |                         |                         |                        |                                         |                                   |                                  |
| 0201-0400                                                                                               | > Design Development                          | 3,233,800.00                         |                     | 3,233,800.00            | 3,233,800.00            | 2,263,660.00           | 970,140.00                              | -                                 | -                                |
| 0201-0500                                                                                               | > Construction Contract Documents             | 4,921,000.00                         |                     | 4,921,000.00            | 4,921,000.00            | -                      | 4,921,000.00                            | -                                 | -                                |
| 0201-0600                                                                                               | > Bidding                                     | 1,124,800.00                         |                     | 1,124,800.00            | 1,124,800.00            | -                      | 1,124,800.00                            | -                                 | -                                |
| 0201-0700                                                                                               | > Construction Contract Administration        | 3,936,800.00                         |                     | 3,936,800.00            | 3,936,800.00            | -                      | 3,936,800.00                            | -                                 | -                                |
| 0201-0800                                                                                               | > Closeout                                    | 423,600.00                           |                     | 423,600.00              | 423,600.00              | -                      | 423,600.00                              | -                                 | -                                |
| 0201-9900                                                                                               | > Other Basic Services                        | -                                    |                     | -                       | -                       | -                      | -                                       | -                                 | -                                |
|                                                                                                         | <b>BASIC SERVICES SUBTOTAL</b>                | <b>\$ 13,640,000.00</b>              | <b>\$ -</b>         | <b>\$ 13,640,000.00</b> | <b>\$ 13,640,000.00</b> | <b>\$ 2,263,660.00</b> | <b>\$ 11,376,340.00</b>                 | <b>\$ -</b>                       | <b>\$ -</b>                      |
|                                                                                                         | <b>Reimbursable Services</b>                  |                                      |                     |                         |                         |                        |                                         |                                   |                                  |
| 0203-0100                                                                                               | > Construction Testing                        | 60,000.00                            |                     | 60,000.00               | -                       | -                      | -                                       | -                                 | 60,000.00                        |
| 0203-0200                                                                                               | > Printing (over minimum)                     | 40,000.00                            |                     | 40,000.00               | -                       | -                      | -                                       | -                                 | 40,000.00                        |
| 0203-9900                                                                                               | > Other Reimbursable Costs                    | 320,000.00                           | (7,700.00)          | 312,300.00              | 8,800.00                | -                      | 8,800.00                                | -                                 | 303,500.00                       |
| 0204-0200                                                                                               | > Hazardous Materials                         | 269,830.00                           |                     | 269,830.00              | 34,650.00               | -                      | 34,650.00                               | -                                 | 235,180.00                       |
| 0204-0300                                                                                               | > Geotech & Geo-Env.                          | 657,170.00                           |                     | 657,170.00              | 277,409.00              | -                      | 277,409.00                              | -                                 | 379,761.00                       |
| 0204-0400                                                                                               | > Site Survey                                 | 44,000.00                            |                     | 44,000.00               | 44,000.00               | -                      | 44,000.00                               | -                                 | -                                |
| 0204-0500                                                                                               | > Wetlands                                    | 20,000.00                            |                     | 20,000.00               | -                       | -                      | -                                       | -                                 | 20,000.00                        |
| 0204-1200                                                                                               | > Traffic Studies                             | 209,000.00                           | 7,700.00            | 216,700.00              | 216,700.00              | -                      | 216,700.00                              | -                                 | -                                |
|                                                                                                         | <b>Architectural and Engineering Subtotal</b> | <b>\$ 15,260,000.00</b>              | <b>\$ -</b>         | <b>\$ 15,260,000.00</b> | <b>\$ 14,221,559.00</b> | <b>\$ 2,263,660.00</b> | <b>\$ 11,957,899.00</b>                 | <b>\$ -</b>                       | <b>\$ 1,038,441.00</b>           |

| Symmes Maini & McKee Associates, Inc. (SMMA)<br>Stoneham Public School District<br>Stoneham High School |                                                   | Original<br>PFA Budget<br>08/18/2021 | Budget<br>Revisions | Current<br>Budget        | Contract<br>Amount      | Expended               | (B - C)<br>Remaining<br>Contract Amount | Additional<br>Projected<br>Amount | (A - B - E)<br>Budget<br>Balance |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------|---------------------|--------------------------|-------------------------|------------------------|-----------------------------------------|-----------------------------------|----------------------------------|
| <b>BUDGET / Summary as of: 2/28/2022</b>                                                                |                                                   |                                      |                     |                          |                         |                        |                                         |                                   |                                  |
| 0501-0000                                                                                               | <u>Pre-Construction Services</u>                  | \$ 258,528.00                        |                     | 258,528.00               | 258,528.00              | 55,398.00              | 203,130.00                              | -                                 | \$ -                             |
| 0502-0001                                                                                               | <b>Construction Budget</b>                        | \$ 153,418,660.00                    |                     | \$ 153,418,660.00        | \$ -                    | \$ -                   | \$ -                                    | \$ -                              | \$ 153,418,660.00                |
| CSI Code                                                                                                | CSI Description                                   |                                      |                     |                          |                         |                        |                                         |                                   |                                  |
| <b>Construction Budget Subtotal</b>                                                                     |                                                   | <b>\$ 153,418,660.00</b>             | <b>\$ -</b>         | <b>\$ 153,418,660.00</b> | <b>\$ -</b>             | <b>\$ -</b>            | <b>\$ -</b>                             | <b>\$ -</b>                       | <b>\$ 153,418,660.00</b>         |
| <u>Alternates</u>                                                                                       |                                                   |                                      |                     |                          |                         |                        |                                         |                                   |                                  |
| 0506-0000                                                                                               | <u>Alternates</u>                                 | -                                    |                     | -                        | -                       | -                      | -                                       | -                                 | -                                |
| <b>Alternates Subtotal</b>                                                                              |                                                   | <b>\$ -</b>                          | <b>\$ -</b>         | <b>\$ -</b>              | <b>\$ -</b>             | <b>\$ -</b>            | <b>\$ -</b>                             | <b>\$ -</b>                       | <b>\$ -</b>                      |
| 0600-0000                                                                                               | <u>Miscellaneous Project Costs</u>                |                                      |                     |                          |                         |                        |                                         |                                   |                                  |
| 0601-0000                                                                                               | <u>Utility Company Fees</u>                       | 200,000.00                           |                     | 200,000.00               | 2,000.00                | 2,000.00               | -                                       | -                                 | 198,000.00                       |
| 0602-0000                                                                                               | <u>Testing Services</u>                           | 560,000.00                           |                     | 560,000.00               | -                       | -                      | -                                       | -                                 | 560,000.00                       |
| 0603-0000                                                                                               | <u>Swing Space / Modulars</u>                     | -                                    |                     | -                        | -                       | -                      | -                                       | -                                 | -                                |
| 0699-0000                                                                                               | <u>Other Project Costs (Mailing &amp; Moving)</u> | 360,000.00                           |                     | 360,000.00               | -                       | -                      | -                                       | -                                 | 360,000.00                       |
| 0600-0000                                                                                               | <b>Miscellaneous Project Costs Subtotal</b>       | <b>\$ 1,120,000.00</b>               | <b>\$ -</b>         | <b>\$ 1,120,000.00</b>   | <b>\$ 2,000.00</b>      | <b>\$ 2,000.00</b>     | <b>\$ -</b>                             | <b>\$ -</b>                       | <b>\$ 1,118,000.00</b>           |
| 0700-0000                                                                                               | <u>Furnishings and Equipment</u>                  |                                      |                     |                          |                         |                        |                                         |                                   |                                  |
| 0701-0000                                                                                               | <u>Furnishings</u>                                | 1,251,000.00                         |                     | 1,251,000.00             | -                       | -                      | -                                       | -                                 | 1,251,000.00                     |
| 0702-0000                                                                                               | <u>Equipment</u>                                  |                                      |                     |                          |                         |                        |                                         |                                   |                                  |
| 0703-0000                                                                                               | <u>Computer Equipment</u>                         | 1,251,000.00                         |                     | 1,251,000.00             | -                       | -                      | -                                       | -                                 | 1,251,000.00                     |
| <b>Furnishings and Equipment Subtotal</b>                                                               |                                                   | <b>\$ 2,502,000.00</b>               | <b>\$ -</b>         | <b>\$ 2,502,000.00</b>   | <b>\$ -</b>             | <b>\$ -</b>            | <b>\$ -</b>                             | <b>\$ -</b>                       | <b>\$ 2,502,000.00</b>           |
| 0507-0000                                                                                               | <u>Owner's Construction Contingency</u>           | 7,670,933.00                         |                     | 7,670,933.00             | -                       | -                      | -                                       | -                                 | 7,670,933.00                     |
| 0801-0000                                                                                               | <u>Owners' (soft cost) Contingency</u>            | 3,068,373.00                         |                     | 3,068,373.00             | -                       | -                      | -                                       | -                                 | 3,068,373.00                     |
| <b>Contingency Subtotal</b>                                                                             |                                                   | <b>\$ 10,739,306.00</b>              | <b>\$ -</b>         | <b>\$ 10,739,306.00</b>  | <b>\$ -</b>             | <b>\$ -</b>            | <b>\$ -</b>                             | <b>\$ -</b>                       | <b>\$ 10,739,306.00</b>          |
| <b>Total Project Budget</b>                                                                             |                                                   | <b>\$ 189,593,594.00</b>             | <b>\$ -</b>         | <b>\$ 189,593,594.00</b> | <b>\$ 19,833,691.50</b> | <b>\$ 3,157,449.50</b> | <b>\$ 16,417,714.00</b>                 | <b>\$ -</b>                       | <b>\$ 169,759,902.50</b>         |

## Memorandum

To: Stoneham School Building Committee Date: 3/14/2022  
From: Joel Seeley Project No.: 20033  
Project: New Stoneham High School  
Re: PreConstruction Change Order No. 1: Video Inspection of Existing Culvert  
Distribution: Stoneham School Building Committee (MF)

---

### **PRECONSTRUCTION CHANGE ORDER NO. 1: VIDEO INSPECTION OF EXISTING CULVERT**

**FEE:** \$8,500.00

**REASON:** Provide PreConstruction Video Inspection of existing culvert. Cleaning, pumping and vactor technician to be used only if required due to water levels.

**BUDGET AVAILABILITY:** This PreConstruction Change Order would be funded out of MSBA ProPay Code 0203-0100, Construction Testing Budget, which has a balance of \$60,000.



**Change Order (Preconstruction)**

**Project:**

2515 Stoneham High School  
149 Franklin Street  
Stoneham, MA 02180

**Change Order: PC001**

**Date: 3/10/2022**

**To Contractor:**

Consigli Construction Co., Inc.

**The Contract is changed as follows:**

**PreConstruction Change Order 001**

'PC001 Video Inspection of Existing Culvert

\$8,500.00

---

|                                                                      |              |
|----------------------------------------------------------------------|--------------|
| The original Contract Amount was                                     | \$283,528.00 |
| Net change by previously authorized Change Orders                    | \$0.00       |
| The Contract Amount prior to this Change Order was                   | \$283,528.00 |
| The Contract will be increased by this Change Order in the amount of | \$8,500.00   |
| The new Contract Amount including this Change Order will be          | \$292,028.00 |
| The Contract Time will be unchanged.                                 |              |

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

---

|             |                                               |             |
|-------------|-----------------------------------------------|-------------|
| ARCHITECT   | Consigli Construction Co., Inc.<br>CONTRACTOR | OWNER       |
| _____       | _____                                         | _____       |
| (Signature) | (Signature)                                   | (Signature) |
| By          | By                                            | By          |
| _____       | _____                                         | _____       |
| Date        | Date                                          | Date        |



## Change Request

**To:** Joel G. Seeley AIA  
 Symmes Maini & Mckee  
 1000 Massachusetts Avenue  
 Cambridge, MA 02138

**Number:** 'PC001  
**Date:** 3/10/22  
**Job:** 2515 Stoneham High School  
**Phone:**

**Description:** Video Inspection of Existing Culvert

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

Video inspection of existing culvert. Cleaning, pumping and vector technician to be used only if required due to water levels.

| Description                    | Labor | Material | Equipment | Subcontract | Other         | Price             |
|--------------------------------|-------|----------|-----------|-------------|---------------|-------------------|
| On Site Investigations - Other |       |          |           | \$8,500.00  |               | \$8,500.00        |
|                                |       |          |           |             | Subtotal:     | \$8,500.00        |
|                                |       |          |           |             | <b>Total:</b> | <b>\$8,500.00</b> |

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

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

OWNER

\_\_\_\_\_  
 (Signature)

\_\_\_\_\_  
 (Signature)

\_\_\_\_\_  
 By

\_\_\_\_\_  
 By

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Date

# RapidFLOW INC.

SEWER & DRAIN CLEANING

**Quote Request**

|              |                |
|--------------|----------------|
| Quote Number | 22020113301160 |
| Date         | 02/01/2022     |

**Customer Information:**

|              |                      |
|--------------|----------------------|
| Company      | Consigli             |
| Contact Name | Matt Guimond         |
| Address      | Stoneham High School |
| Phone Number | (508)330-7343        |

**Job Information:**

|                 |                                                                                                       |
|-----------------|-------------------------------------------------------------------------------------------------------|
| Job Location    | Same As Customer Address                                                                              |
| Location        | Stoneham High School                                                                                  |
| Contract/Job #  | Consigli                                                                                              |
| Prevailing Wage | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Sure |

**\*\*Please Send Prevailing Wage Rate Sheets to [billing@rapidflowinc.com](mailto:billing@rapidflowinc.com)\*\***

| Description of Work                                                                         |                                      |
|---------------------------------------------------------------------------------------------|--------------------------------------|
| Dewater and video a storm water culvert for a pre-construction inspection.                  |                                      |
| Description                                                                                 | Cost                                 |
| Provide a video truck with a technician and laborer per 8 hour shift.                       | \$3,000.00                           |
| Provide sand bags and pump with laborer to dewater the culvert per 8 hour shift.            | \$2,500.00                           |
| Provide vacor with technician to clean pipe per 8 hour shift. (If Needed) \$3,000/per shift | \$3,000                              |
| to be used only if required                                                                 |                                      |
| <b>Total Cost:</b>                                                                          | <del>\$5,500.00</del> <b>\$8,500</b> |

**Additional Info:**  
The above pricing assumes the snow will be removed and trucks can get to within 10 feet of access points. General Contractor is responsible for snow removal and to provide access to manholes and outfall.

**Exclusions:**  
Pricing does not include snow removal, permits, traffic control or police details.

|                 |                                                                                      |
|-----------------|--------------------------------------------------------------------------------------|
| Project Manager | Marc Gildersleeve                                                                    |
| Phone Number    | (857)919-0137                                                                        |
| Email           | <a href="mailto:mwgildersleeve@rapidflowinc.com">mwgildersleeve@rapidflowinc.com</a> |

|                                                                         |
|-------------------------------------------------------------------------|
| <b>Email to</b>                                                         |
| mwgildersleeve@rapidflowinc.com, rapidflowinc@gmail.com                 |
| Video inspection proposal for Stoneham High School storm water culvert. |

*Powered by [www.doForms.com](http://www.doForms.com)*

## Warrant No. 22

Project: Stoneham High School, Stoneham, Massachusetts  
 Prepared by: Joel G. Seeley, AIA

Project No.: 20033  
 Date: 3/14/2022

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> |
|---------------------------|--------------------|---------------------|-----------------------|--------------------|------------------------------|
| Perkins & Will            | 0189410            | 2/28/2022           | \$ 485,070.00         | 0201-0400          | \$ 485,070.00                |
| Perkins & Will            | 0189410 AM 8       | 2/28/2022           | \$ 1,485.00           | 0003-0000          | \$ 17,906.72                 |
| Perkins & Will            | 0189410 AM16       | 2/28/2022           | \$ 35,750.00          | 0204-0300          | \$ 86,900.00                 |
| Perkins & Will            | 0189410 AM18       | 2/28/2022           | \$ 23,304.01          | 0204-1200          | \$ 193,395.99                |
| SMMA                      | 56626              | 3/7/2022            | \$ 90,000.00          | 0102-0400          | \$ 110,000.00                |
| Consigli Construction Co. | PreCon 5           | 2/28/2022           | \$ 18,466.00          | 0501-0000          | \$ 184,664.00                |
| <b>Total</b>              |                    |                     | <b>\$ 654,075.00</b>  |                    |                              |

\_\_\_\_\_  
 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

Approved on \_\_\_\_\_

# Perkins&Will

# Invoice

March 14, 2022

Project No: 153010.000

Invoice No: 0189410

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

Stoneham High School - FS-Closeout

**Professional Services: through February 25, 2022**

**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           | 0189410 |
|----------------------------------|----------------------|----------------------------------|---------------------|---------------------|-------------------|---------|
| Amendment #8                     | 0.00                 | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Geothermal - McPhail             | 55,000.00            | 67.4423                          | 37,093.28           | 35,608.28           | 1,485.00          |         |
| 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              |         |
| 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              |         |
| Amendment #11                    | 0.00                 | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Design Documents                 | 3,233,800.00         | 85.00                            | 2,748,730.00        | 2,263,660.00        | 485,070.00        |         |
| Construction Documents           | 4,921,000.00         | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Bidding                          | 1,124,800.00         | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Construction Administration      | 3,936,800.00         | 0.00                             | 0.00                | 0.00                | 0.00              | 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            | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Amendment #13                    | 0.00                 | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Geotechnical - LGLI              | 55,429.00            | 0.00                             | 0.00                | 0.00                | 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            | 0.00                             | 0.00                | 0.00                | 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            | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Amendment #16                    | 0.00                 | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Test Well - McPhail              | 122,650.00           | 29.148                           | 35,750.00           | 0.00                | 35,750.00         |         |
| Amendment #17                    | 0.00                 | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Survey Work - Nitsch             | 44,000.00            | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Amendment #18                    | 0.00                 | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Traffic Work - Vanasse           | 216,700.00           | 10.754                           | 23,304.01           | 0.00                | 23,304.01         |         |
| Amendment #19                    | 0.00                 | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| Topographic Survey - Nitsch      | 8,800.00             | 0.00                             | 0.00                | 0.00                | 0.00              | 0.00    |
| <b>Total Fee</b>                 | <b>14,819,552.14</b> |                                  | <b>3,380,802.93</b> | <b>2,835,193.92</b> | <b>545,609.01</b> |         |

**Total Fee 545,609.01**

**Total this Invoice \$545,609.01**

**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



December 31, 2021  
 Project No: 7189.2.TA  
 Invoice No: 0071770

Perkins + Will  
 225 Franklin Street, Ste. 1100  
 Boston, MA 02110

Attention: Ms. Brooke Trivas  
 email: bos.ap@perkinswill.com

Stoneham High School; Stoneham, Massachusetts  
 Geothermal Engineering Services  
 Task A: Schematic Design  
 Proposal dated 7/17/20 - Budget \$10,000

**Professional Services from November 1, 2021 to November 30, 2021**

**Professional Personnel**

|             | Hours     | Amount |                           |
|-------------|-----------|--------|---------------------------|
| Totals      | 9.00      | 540.00 |                           |
| Total Labor |           | 540.00 | 1,350.00                  |
|             | 2.5 times |        |                           |
|             |           | 540.00 | 1,350.00                  |
|             |           |        | <b>Total this Invoice</b> |
|             |           |        | <b>\$1,350.00</b>         |

**Billings to Date**

|        | Current  | Prior    | Total    |
|--------|----------|----------|----------|
| Labor  | 1,350.00 | 7,371.48 | 8,721.48 |
| Totals | 1,350.00 | 7,371.48 | 8,721.48 |

*Amendment #e*

$$\$1,350.00 \times 1.1 = \$1,485.00$$

# Billing Backup

Monday, January 3, 2022

McPhail Associates, LLC

Invoice 0071770 Dated 12/31/2021

8:34:16 PM

## Professional Personnel

|       |                    |            | Hours |                  | Amount                    |                   |
|-------|--------------------|------------|-------|------------------|---------------------------|-------------------|
| 00029 | Patch, Jonathan    | 7/9/2021   | 1.00  | 60.00            | 60.00                     |                   |
| 00029 | Patch, Jonathan    | 11/10/2021 | 1.50  | 60.00            | 90.00                     |                   |
| 00029 | Patch, Jonathan    | 11/11/2021 | 1.50  | 60.00            | 90.00                     |                   |
| 00029 | Patch, Jonathan    | 11/16/2021 | 1.00  | 60.00            | 60.00                     |                   |
| 00029 | Patch, Jonathan    | 11/17/2021 | 1.00  | 60.00            | 60.00                     |                   |
| 00029 | Patch, Jonathan    | 11/23/2021 | 1.00  | 60.00            | 60.00                     |                   |
| 00029 | Patch, Jonathan    | 11/24/2021 | 1.00  | 60.00            | 60.00                     |                   |
| 00029 | Patch, Jonathan    | 11/30/2021 | 1.00  | 60.00            | 60.00                     |                   |
|       | Totals             |            | 9.00  |                  | 540.00                    |                   |
|       | <b>Total Labor</b> |            |       | <b>2.5 times</b> | <b>540.00</b>             | <b>1,350.00</b>   |
|       |                    |            |       |                  | <b>Total this Project</b> | <b>\$1,350.00</b> |
|       |                    |            |       |                  | <b>Total this Report</b>  | <b>\$1,350.00</b> |



January 27, 2022  
 Project No: 7189.2.B1  
 Invoice No: 0072085

Perkins + Will  
 225 Franklin Street, Ste. 1100  
 Boston, MA 02110

Attention: Ms. Brooke Trivas  
 email: bos.ap@perkinswill.com

Stoneham High School; Stoneham, Massachusetts  
 Geothermal Engineering Services  
 Task B1: Completion of Test Well Program  
 Proposal dated 5/7/21 - Budget \$25,000

**Professional Services from December 1, 2021 to December 31, 2021**

**Fee**

|                  |           |                      |                           |                    |
|------------------|-----------|----------------------|---------------------------|--------------------|
| Total Fee        | 25,000.00 |                      |                           |                    |
| Percent Complete | 100.00    | Total Earned         | 25,000.00                 |                    |
|                  |           | Previous Fee Billing | 0.00                      |                    |
|                  |           | Current Fee Billing  | 25,000.00                 |                    |
|                  |           | <b>Total Fee</b>     |                           | <b>25,000.00</b>   |
|                  |           |                      | <b>Total this Invoice</b> | <b>\$25,000.00</b> |

**Billings to Date**

|               | <b>Current</b>   | <b>Prior</b> | <b>Total</b>     |
|---------------|------------------|--------------|------------------|
| Fee           | 25,000.00        | 0.00         | 25,000.00        |
| <b>Totals</b> | <b>25,000.00</b> | <b>0.00</b>  | <b>25,000.00</b> |

*Amendment #16*

*\$25,000 x 1.1 = \$27,500.00*



January 27, 2022  
 Project No: 7189.2.C1  
 Invoice No: 0072086

Perkins + Will  
 225 Franklin Street, Ste. 1100  
 Boston, MA 02110

Attention: Ms. Brooke Trivas  
 email: bos.ap@perkinswill.com

Stoneham High School; Stoneham, Massachusetts  
 Geothermal Engineering Services  
 Task C1: Design Document Phase  
 Proposal dated 5/7/21 - Budget \$15,000

**Professional Services from December 1, 2021 to December 31, 2021**

**Fee**

|                  |           |                      |                           |                   |
|------------------|-----------|----------------------|---------------------------|-------------------|
| Total Fee        | 15,000.00 |                      |                           |                   |
| Percent Complete | 50.00     | Total Earned         | 7,500.00                  |                   |
|                  |           | Previous Fee Billing | 0.00                      |                   |
|                  |           | Current Fee Billing  | 7,500.00                  |                   |
|                  |           | <b>Total Fee</b>     |                           | <b>7,500.00</b>   |
|                  |           |                      | <b>Total this Invoice</b> | <b>\$7,500.00</b> |

**Billings to Date**

|               | <b>Current</b>  | <b>Prior</b> | <b>Total</b>    |
|---------------|-----------------|--------------|-----------------|
| Fee           | 7,500.00        | 0.00         | 7,500.00        |
| <b>Totals</b> | <b>7,500.00</b> | <b>0.00</b>  | <b>7,500.00</b> |

*Amendment # 16*

$$\$7,500.00 \times 1.1 = \$8,250.00$$

Ref: 9000

December 13, 2021

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

Re: Stoneham High School  
Stoneham, Massachusetts

Dear Brooke:

Enclosed please find an invoice for the period ending November 27, 2021 for providing engineering services associated with the intersection improvements for the new high school located in Stoneham, Massachusetts. Services performed during this invoice period included:

- Began data collection, including intersection, site plans and available survey; and prepared request for additional survey needed for design development a (Phase 1)
- Continued project coordination efforts including correspondence, conference calls and meetings with the Client and project team to coordinate project schedule and facilitate design development (Phase 7).

Should you have any questions regarding the enclosed invoice please feel free to contact me.

Sincerely,

VANASSE & ASSOCIATES, INC.

*Stephen M. Boudreau*

Stephen M. Boudreau, P.E.  
Partner

Enclosure

**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

December 13, 2021  
Project No: 9000  
Invoice No: 40295

Stoneham High School  
cc: Stephen.Messinger@perkinswill.com

**Invoice Total: \$2,708.69**

**Professional Services from October 31, 2021 to November 27, 2021**

|                  |       |                                |          |                   |
|------------------|-------|--------------------------------|----------|-------------------|
| Phase Number:    | 001   | Data Collection and Base Plans |          |                   |
| <b>Fee</b>       |       |                                |          |                   |
| Total Fee        |       | 5,000.00                       |          |                   |
| Percent Complete | 26.00 | Total Earned                   | 1,300.00 |                   |
|                  |       | Previous Fee Billing           | 0.00     |                   |
|                  |       | Current Fee Billing            | 1,300.00 |                   |
|                  |       | <b>Total Fee</b>               |          | <b>1,300.00</b>   |
|                  |       | <b>Phase Total</b>             |          | <b>\$1,300.00</b> |

|                               |                    |                               |             |                   |
|-------------------------------|--------------------|-------------------------------|-------------|-------------------|
| Phase Number:                 | 007                | Project Meetings/Coordination |             |                   |
| <b>Professional Personnel</b> |                    |                               |             |                   |
|                               |                    | <b>Hours</b>                  | <b>Rate</b> | <b>Amount</b>     |
|                               | Boudreau, Stephen  | 3.50                          | 235.00      | 822.50            |
|                               | Talcoff, Drew      | 3.50                          | 165.00      | 577.50            |
|                               | Totals             | 7.00                          |             | 1,400.00          |
|                               | <b>Total Labor</b> |                               |             | <b>1,400.00</b>   |
|                               |                    | <b>Phase Total</b>            |             | <b>\$1,400.00</b> |

|                              |                            |                           |             |                   |
|------------------------------|----------------------------|---------------------------|-------------|-------------------|
| Phase Number:                | 995                        | Expenses                  |             |                   |
| <b>Reimbursable Expenses</b> |                            |                           |             |                   |
|                              | Reproductions & Printing   |                           | .90         |                   |
|                              | Telephone / Fax            |                           | 7.79        |                   |
|                              | <b>Total Reimbursables</b> |                           | <b>8.69</b> | <b>8.69</b>       |
|                              |                            | <b>Phase Total</b>        |             | <b>\$8.69</b>     |
|                              |                            | <b>TOTAL THIS INVOICE</b> |             | <b>\$2,708.69</b> |

*Amendment #18*

*2,708.69 x 1.1 = \$2,979.55*



## INVOICE CONTRACT SUMMARY

**VAI Project #:** 9000  
**Project Location:** Stoneham, MA  
**Project Client:** Perkins & Will  
**Invoice #:** 40295  
**Period Ending:** 11/27/2021

| Phase Code / Description                         | Original Contract Amount | Previous Billing | Current Invoice | Total Billed to Date | Remaining Budget  | % Complete |
|--------------------------------------------------|--------------------------|------------------|-----------------|----------------------|-------------------|------------|
| 001 Data Collection and Base Plans               | 5,000.00                 | -                | 1,300.00        | 1,300.00             | 3,700.00          | 26%        |
| 002 Roadway Safety Audit (RSA)                   | -                        | -                | -               | -                    | -                 | -          |
| 003 Preliminary Engineering                      | 32,000.00                | -                | -               | -                    | 32,000.00         | 0%         |
| 004 Environmental Permit Documents               | -                        | -                | -               | -                    | -                 | -          |
| 005 Final Engineering                            | 45,000.00                | -                | -               | -                    | 45,000.00         | 0%         |
| 006 Right-of-Way and Layout                      | -                        | -                | -               | -                    | -                 | -          |
| 007 Project Meetings/Coordination                | 6,000.00                 | -                | 1,400.00        | 1,400.00             | 4,600.00          | 23%        |
| 008 Abutter Coordination                         | -                        | -                | -               | -                    | -                 | -          |
| 009 Bidding and Negotiating                      | 4,000.00                 | -                | -               | -                    | 4,000.00          | -          |
| 010 Final Traffic Signal Layout Plans (As-Built) | -                        | -                | -               | -                    | -                 | -          |
| 011 Construction Services                        | 85,000.00                | -                | -               | -                    | 85,000.00         | 0%         |
| 012 Utility Coordination                         | -                        | -                | -               | -                    | -                 | -          |
| <b>LABOR COST</b>                                | <b>177,000.00</b>        | <b>-</b>         | <b>2,700.00</b> | <b>2,700.00</b>      | <b>174,300.00</b> | <b>2%</b>  |
| 995 Expenses (estimated)                         | 5,000.00                 | -                | 8.69            | 8.69                 | 4,991.31          | 0%         |
| A01 Borings                                      | 15,000.00                | -                | -               | -                    | 15,000.00         | 0%         |
| <b>EXPENSE COST</b>                              | <b>20,000.00</b>         | <b>-</b>         | <b>8.69</b>     | <b>8.69</b>          | <b>19,991.31</b>  | <b>0%</b>  |
| <b>TOTALS</b>                                    | <b>197,000.00</b>        | <b>-</b>         | <b>2,708.69</b> | <b>2,708.69</b>      | <b>194,291.31</b> | <b>1%</b>  |



Ref: 9000

January 10, 2022

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

Re: Stoneham High School  
Stoneham, Massachusetts

Dear Brooke:

Enclosed please find an invoice for the period ending December 25, 2021 for providing engineering services associated with the intersection improvements for the new high school located in Stoneham, Massachusetts. Services performed during this invoice period included:

- Began data collection, including intersection, site plans and available survey; and prepared request for additional survey needed for design development a (Phase 1)
- Continued project coordination efforts including correspondence, conference calls and meetings with the Client and project team to coordinate project schedule and facilitate design development (Phase 7).

Should you have any questions regarding the enclosed invoice please feel free to contact me.

Sincerely,

VANASSE & ASSOCIATES, INC.

*Stephen M. Boudreau*

Stephen M. Boudreau, P.E.  
Partner

Enclosure

**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

January 10, 2022  
 Project No: 9000  
 Invoice No: 40486

**Invoice Total: \$1,632.08**

Stoneham High School  
Professional Services from November 28, 2021 to December 25, 2021

|                   |                                |                      |                 |
|-------------------|--------------------------------|----------------------|-----------------|
| Phase Number: 001 | Data Collection and Base Plans |                      |                 |
| <b>Fee</b>        |                                |                      |                 |
| Total Fee         | 5,000.00                       |                      |                 |
| Percent Complete  | 40.60                          | Total Earned         | 2,030.00        |
|                   |                                | Previous Fee Billing | 1,300.00        |
|                   |                                | Current Fee Billing  | 730.00          |
|                   | <b>Total Fee</b>               |                      | <b>730.00</b>   |
|                   |                                | <b>Phase Total</b>   | <b>\$730.00</b> |

|                               |                               |                    |                 |
|-------------------------------|-------------------------------|--------------------|-----------------|
| Phase Number: 007             | Project Meetings/Coordination |                    |                 |
| <b>Professional Personnel</b> |                               |                    |                 |
|                               |                               | <b>Hours</b>       | <b>Rate</b>     |
|                               |                               |                    | <b>Amount</b>   |
| Boudreau, Stephen             |                               | 1.00               | 235.00          |
| Talcoff, Drew                 |                               | 4.00               | 165.00          |
| Totals                        |                               | 5.00               | 895.00          |
|                               | <b>Total Labor</b>            |                    | <b>895.00</b>   |
|                               |                               | <b>Phase Total</b> | <b>\$895.00</b> |

|                              |                            |                    |               |
|------------------------------|----------------------------|--------------------|---------------|
| Phase Number: 995            | Expenses                   |                    |               |
| <b>Reimbursable Expenses</b> |                            |                    |               |
| Telephone / Fax              |                            | 7.08               |               |
|                              | <b>Total Reimbursables</b> | <b>7.08</b>        | <b>7.08</b>   |
|                              |                            | <b>Phase Total</b> | <b>\$7.08</b> |

**TOTAL THIS INVOICE \$1,632.08**

**Outstanding Invoices:**

| Number                   | Date       | Balance         |
|--------------------------|------------|-----------------|
| 40295                    | 12/13/2021 | 2,708.69        |
| <b>Total Outstanding</b> |            | <b>2,708.69</b> |

*Amendment #18*

*\$1,632.08 x 1.1 = \$1,795.28*



## INVOICE CONTRACT SUMMARY

**VAI Project #:** 9000  
**Project Location:** Stoneham, MA  
**Project Client:** Perkins & Will  
**Invoice #:** 40486  
**Period Ending:** 12/25/2021

| Phase Code / Description                         | Original Contract Amount | Previous Billing | Current Invoice | Total Billed to Date | Remaining Budget  | % Complete |
|--------------------------------------------------|--------------------------|------------------|-----------------|----------------------|-------------------|------------|
| 001 Data Collection and Base Plans               | 5,000.00                 | 1,300.00         | 730.00          | 2,030.00             | 2,970.00          | 41%        |
| 002 Roadway Safety Audit (RSA)                   | -                        | -                | -               | -                    | -                 | -          |
| 003 Preliminary Engineering                      | 32,000.00                | -                | -               | -                    | 32,000.00         | 0%         |
| 004 Environmental Permit Documents               | -                        | -                | -               | -                    | -                 | -          |
| 005 Final Engineering                            | 45,000.00                | -                | -               | -                    | 45,000.00         | 0%         |
| 006 Right-of-Way and Layout                      | -                        | -                | -               | -                    | -                 | -          |
| 007 Project Meetings/Coordination                | 6,000.00                 | 1,400.00         | 895.00          | 2,295.00             | 3,705.00          | 38%        |
| 008 Abutter Coordination                         | -                        | -                | -               | -                    | -                 | -          |
| 009 Bidding and Negotiating                      | 4,000.00                 | -                | -               | -                    | 4,000.00          | -          |
| 010 Final Traffic Signal Layout Plans (As-Built) | -                        | -                | -               | -                    | -                 | -          |
| 011 Construction Services                        | 85,000.00                | -                | -               | -                    | 85,000.00         | 0%         |
| 012 Utility Coordination                         | -                        | -                | -               | -                    | -                 | -          |
| <b>LABOR COST</b>                                | <b>177,000.00</b>        | <b>2,700.00</b>  | <b>1,625.00</b> | <b>4,325.00</b>      | <b>172,675.00</b> | <b>2%</b>  |
| 995 Expenses (estimated)                         | 5,000.00                 | 8.69             | 7.08            | 15.77                | 4,984.23          | 0%         |
| A01 Borings                                      | 15,000.00                | -                | -               | -                    | 15,000.00         | 0%         |
| <b>EXPENSE COST</b>                              | <b>20,000.00</b>         | <b>8.69</b>      | <b>7.08</b>     | <b>15.77</b>         | <b>19,984.23</b>  | <b>0%</b>  |
| <b>TOTALS</b>                                    | <b>197,000.00</b>        | <b>2,708.69</b>  | <b>1,632.08</b> | <b>4,340.77</b>      | <b>192,659.23</b> | <b>2%</b>  |



Ref: 9000

February 11, 2022

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

Re: Stoneham High School  
Stoneham, Massachusetts

Dear Brooke:

Enclosed please find an invoice for the period ending January 29, 2022 for providing engineering services associated with the intersection improvements for the new high school located in Stoneham, Massachusetts. Services performed during this invoice period included:

- Continued data collection, including incorporation of landscape design plans and updated survey into basemap (Phase 001).
- Began layout of roadway geometry and lane configurations at intersections, signal design, and preparation of 25% design documents for intersection improvement plans (Phase 003).
- Continued project coordination efforts including correspondence, conference calls and meetings with the Client and project team to coordinate project schedule and facilitate design development (Phase 007).

Should you have any questions regarding the enclosed invoice please feel free to contact me.

Sincerely,

VANASSE & ASSOCIATES, INC.

*Stephen M. Boudreau*

Stephen M. Boudreau, P.E.  
Partner

Enclosure

**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

February 11, 2022  
Project No: 9000  
Invoice No: 40619

**Invoice Total: \$16,844.70**

Stoneham High School  
Professional Services from December 26, 2021 to January 29, 2022

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|                  |          |                                |          |                   |
|------------------|----------|--------------------------------|----------|-------------------|
| Phase Number:    | 001      | Data Collection and Base Plans |          |                   |
| <b>Fee</b>       |          |                                |          |                   |
| Total Fee        | 5,000.00 |                                |          |                   |
| Percent Complete | 83.00    | Total Earned                   | 4,150.00 |                   |
|                  |          | Previous Fee Billing           | 2,030.00 |                   |
|                  |          | Current Fee Billing            | 2,120.00 |                   |
|                  |          | <b>Total Fee</b>               |          | <b>2,120.00</b>   |
|                  |          | <b>Phase Total</b>             |          | <b>\$2,120.00</b> |

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|                  |           |                         |           |                    |
|------------------|-----------|-------------------------|-----------|--------------------|
| Phase Number:    | 003       | Preliminary Engineering |           |                    |
| <b>Fee</b>       |           |                         |           |                    |
| Total Fee        | 32,000.00 |                         |           |                    |
| Percent Complete | 43.75     | Total Earned            | 14,000.00 |                    |
|                  |           | Previous Fee Billing    | 0.00      |                    |
|                  |           | Current Fee Billing     | 14,000.00 |                    |
|                  |           | <b>Total Fee</b>        |           | <b>14,000.00</b>   |
|                  |           | <b>Phase Total</b>      |           | <b>\$14,000.00</b> |

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|                               |      |                               |             |                 |
|-------------------------------|------|-------------------------------|-------------|-----------------|
| Phase Number:                 | 007  | Project Meetings/Coordination |             |                 |
| <b>Professional Personnel</b> |      |                               |             |                 |
|                               |      | <b>Hours</b>                  | <b>Rate</b> | <b>Amount</b>   |
| Boudreau, Stephen             | 3.00 | 235.00                        | 705.00      |                 |
| Totals                        | 3.00 |                               | 705.00      |                 |
| <b>Total Labor</b>            |      |                               |             | <b>705.00</b>   |
|                               |      | <b>Phase Total</b>            |             | <b>\$705.00</b> |

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|                              |     |                    |              |                |
|------------------------------|-----|--------------------|--------------|----------------|
| Phase Number:                | 995 | Expenses           |              |                |
| <b>Reimbursable Expenses</b> |     |                    |              |                |
| Reproductions & Printing     |     |                    | .50          |                |
| Telephone / Fax              |     |                    | 19.20        |                |
| <b>Total Reimbursables</b>   |     |                    | <b>19.70</b> | <b>19.70</b>   |
|                              |     | <b>Phase Total</b> |              | <b>\$19.70</b> |

**TOTAL THIS INVOICE \$16,844.70**

*Amendment #18  
\$16,844.70 x 1.1 = \$18,529.17*



## INVOICE CONTRACT SUMMARY

**VAI Project #:** 9000  
**Project Location:** Stoneham, MA  
**Project Client:** Perkins & Will  
**Invoice #:** 40619  
**Period Ending:** 1/29/2022

| Phase Code / Description                         | Original Contract Amount | Previous Billing | Current Invoice  | Total Billed to Date | Remaining Budget  | % Complete |
|--------------------------------------------------|--------------------------|------------------|------------------|----------------------|-------------------|------------|
| 001 Data Collection and Base Plans               | 5,000.00                 | 2,030.00         | 2,120.00         | 4,150.00             | 850.00            | 83%        |
| 002 Roadway Safety Audit (RSA)                   | -                        | -                | -                | -                    | -                 | -          |
| 003 Preliminary Engineering                      | 32,000.00                | -                | 14,000.00        | 14,000.00            | 18,000.00         | 44%        |
| 004 Environmental Permit Documents               | -                        | -                | -                | -                    | -                 | -          |
| 005 Final Engineering                            | 45,000.00                | -                | -                | -                    | 45,000.00         | 0%         |
| 006 Right-of-Way and Layout                      | -                        | -                | -                | -                    | -                 | -          |
| 007 Project Meetings/Coordination                | 6,000.00                 | 2,295.00         | 705.00           | 3,000.00             | 3,000.00          | 50%        |
| 008 Abutter Coordination                         | -                        | -                | -                | -                    | -                 | -          |
| 009 Bidding and Negotiating                      | 4,000.00                 | -                | -                | -                    | 4,000.00          | -          |
| 010 Final Traffic Signal Layout Plans (As-Built) | -                        | -                | -                | -                    | -                 | -          |
| 011 Construction Services                        | 85,000.00                | -                | -                | -                    | 85,000.00         | 0%         |
| 012 Utility Coordination                         | -                        | -                | -                | -                    | -                 | -          |
| <b>LABOR COST</b>                                | <b>177,000.00</b>        | <b>4,325.00</b>  | <b>16,825.00</b> | <b>21,150.00</b>     | <b>155,850.00</b> | <b>12%</b> |
| 995 Expenses (estimated)                         | 5,000.00                 | 15.77            | 19.70            | 35.47                | 4,964.53          | 1%         |
| A01 Borings                                      | 15,000.00                | -                | -                | -                    | 15,000.00         | 0%         |
| <b>EXPENSE COST</b>                              | <b>20,000.00</b>         | <b>15.77</b>     | <b>19.70</b>     | <b>35.47</b>         | <b>19,964.53</b>  | <b>0%</b>  |
| <b>TOTALS</b>                                    | <b>197,000.00</b>        | <b>4,340.77</b>  | <b>16,844.70</b> | <b>21,185.47</b>     | <b>175,814.53</b> | <b>11%</b> |





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

March 7, 2022  
 Project No: 20033.00  
 Invoice No: 0056626

Project 20033.00 Stoneham High School OPM Services  
Professional Services from January 22, 2022 to February 18, 2022

**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          | 71.0526          | 270,000.00                | 180,000.00           | 90,000.00           |
| Construction Documents      | 640,000.00          | 0.00             | 0.00                      | 0.00                 | 0.00                |
| Bidding                     | 180,000.00          | 0.00             | 0.00                      | 0.00                 | 0.00                |
| Construction Administration | 3,185,100.00        | 0.00             | 0.00                      | 0.00                 | 0.00                |
| Closeout                    | 220,000.00          | 0.00             | 0.00                      | 0.00                 | 0.00                |
| <b>Total Fee</b>            | <b>4,710,100.00</b> |                  | <b>375,000.00</b>         | <b>285,000.00</b>    | <b>90,000.00</b>    |
|                             |                     | <b>Total Fee</b> |                           |                      | <b>90,000.00</b>    |
|                             |                     |                  | <b>Total this Invoice</b> |                      | <b>\$90,000.00</b>  |

**Billings to Date**

|               | Current          | Prior             | Total             |
|---------------|------------------|-------------------|-------------------|
| Fee           | 90,000.00        | 285,000.00        | 375,000.00        |
| Expense       | 0.00             | 614.08            | 614.08            |
| <b>Totals</b> | <b>90,000.00</b> | <b>285,614.08</b> | <b>375,614.08</b> |

Authorized By: Joel Seeley

**APPLICATION AND CERTIFICATION FOR PAYMENT**

AIA DOCUMENT G702

PAGE ONE OF \_\_\_\_ PAGES

TO OWNER: Symmes Maini & McKee Associates  
1000 Massachusetts Avenue  
Cambridge, MA 02138

PROJECT: Stoneham High School

Invoice: 5  
Draw: 2515-05  
Application date: 2/28/2022  
Period ending date: 2/28/2022

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                                                     | \$283,528.00 |
| 2. NET CHANGE BY CHANGE ORDERS                                               | \$0.00       |
| 3. CONTRACT SUM TO DATE (Line 1 ± 2)                                         | \$283,528.00 |
| 4. TOTAL COMPLETED & STORED TO DATE<br>(Column G on G703)                    | \$98,864.00  |
| 5. RETAINAGE:                                                                |              |
| a. 0.00 % of Completed Work<br>(Column D + E on G703)                        | \$ 0.00      |
| b. 0.00 % of Stored Material<br>(Column F on G703)                           | \$ 0.00      |
| Total Retainage (Lines 5a+5b or Total in Column I on G703)                   | \$0.00       |
| 6. TOTAL EARNED LESS RETAINAGE<br>(Line 4 Less Line 5 Total)                 | \$98,864.00  |
| 7. LESS PREVIOUS CERTIFICATES FOR PAYMENT<br>(Line 6 From Prior CERTIFICATE) | \$80,398.00  |
| 8. CURRENT PAYMENT DUE (Line 6 Less Line 7)                                  | \$18,466.00  |
| 9. BALANCE TO FINISH INCLUDING RETAINAGE<br>(Line 3 Less Line 6)             | \$184,664.00 |

| CHANGE ORDER SUMMARY                               | ADDITIONS | DEDUCTIONS |
|----------------------------------------------------|-----------|------------|
| Total changes approved in previous months by Owner |           |            |
| Total approved this Month                          |           |            |
| <b>TOTALS</b>                                      |           |            |
| <b>NET CHANGES by Change Order</b>                 |           |            |

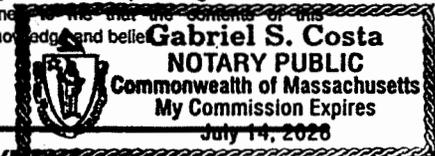
The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates 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: 3/2/22

State of: Ma County of: Worcester  
On this 2nd day of March before me,

proved to me through satisfactory evidence of identity, which was/were 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 to 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: July 14, 2028



**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: .....\$ 18,466.00

(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: *[Signature]* Date: 3.2.2022

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: **2515-00 / Stoneham High School**

Invoice: **5**  
 Draw: **2515-05**  
 Application date: **2/28/2022**  
 Period ending date: **2/28/2022**

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

| A<br>ITEM<br>NO.    | B<br>DESCRIPTION OF WORK | C<br>SCHEDULED<br>VALUE | D<br>WORK COMPLETED                     |             | F<br>MATERIALS<br>PRESENTLY<br>STORED<br>(NOT IN D OR E) | G                                                       |              | H<br>BALANCE<br>TO FINISH<br>(C - G) | I<br>RETAINAGE<br>(IF VARIABLE<br>RATE) |
|---------------------|--------------------------|-------------------------|-----------------------------------------|-------------|----------------------------------------------------------|---------------------------------------------------------|--------------|--------------------------------------|-----------------------------------------|
|                     |                          |                         | FROM PREVIOUS<br>APPLICATION<br>(D + E) | THIS PERIOD |                                                          | TOTAL<br>COMPLETED<br>AND STORED TO<br>DATE (D + E + F) | %<br>(G / C) |                                      |                                         |
| 22-000              | Stoneham High School     |                         |                                         |             |                                                          |                                                         |              |                                      |                                         |
| 22-005              | Schematic Design Phase   | 25,000.00               | 25,000.00                               |             |                                                          | 25,000.00                                               | 100.00       |                                      |                                         |
| 22-010              | Post Schematic Design    | 258,528.00              | 55,398.00                               | 18,466.00   |                                                          | 73,864.00                                               | 28.57        | 184,664.00                           |                                         |
| <b>GRAND TOTALS</b> |                          | 283,528.00              | 80,398.00                               | 18,466.00   |                                                          | 98,864.00                                               | 34.87        | 184,664.00                           |                                         |

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

February 21, 2022

Board of Building Regulation and Standards  
1000 Washington Street, Suite 710  
Boston, MA 02118

**RE: Stoneham High School, Stoneham, MA (CRC #202476)  
Building Code Variance Requests - 780 CMR 703.4 & 712.1.9**

To Whom It May Concern,

Code Red Consultants (Appellant) has prepared the variance request described herein on behalf of The Town of Stoneham (Owner) for alternative methods at the Stoneham High School project. The variance request is for the following conditions:

- The building includes two floor openings that connect Levels 1, 2 & 3. The Appellant is seeking a variance from 780 CMR Section 712.1.9 to allow two story floor openings to have rated “bump ups” to a third story.
- The building includes the use of closely spaced sprinklers on glass in lieu of ASTM E-119 tested 2-hour fire barrier assemblies. The Appellant is seeking a variance from 780 CMR Section 703.4 to use sprinkler-protected glazing as part of 2-hour separations.

The variances are being requested under the auspices of the 9<sup>th</sup> Edition of the Massachusetts State Building Code (780 CMR) Section 104.11, *Alternative Materials, Design and Methods of Construction and Equipment*. Code Red Consultants has prepared this letter to summarize the nature of the requests and justify the supporting alternative compliance methods.

### **Building Description**

The project consists of the design and construction of a new 3-story high school with a footprint area of approximately 105,000sf and an aggregate area of approximately 240,000 sf. Level 01 will include an auditorium (with raked seating over two levels), a gymnasium, a cafeteria, administrative offices, and a pre-kindergarten wing. Levels 02 and 03 will consist primarily of classrooms, science labs, and media areas. Level 02 will also include an auditorium seating area and a running track that is open to the gymnasium below. The building is Type IB construction and is protected throughout with an automatic sprinkler system and fire alarm system. The building will include Groups A-1, A-2, A-3, B, and E and accessory occupancy groups S-1 and S-2.

## 1. Variance Request #1 – Two Story Vertical Openings

The building includes two floor openings that connect Levels 1, 2 & 3. The Appellant is seeking a variance from 780 CMR Section 712.1.9 to allow two story floor openings to have rated “bump ups” to a third story. The floor openings in this request are illustrated below in Figures 1 & 2 and full-scale plans are provided in Appendix A.

### 1.1 Pertinent Code Sections

#### 780 CMR 712.1.9 - Two-story Openings.

In other than Groups I-2 and I-3, a vertical opening that is not used as one of the applications listed in this section shall be permitted if the opening complies with all of the items below:

- Does not connect more than two stories.
- Does not penetrate a horizontal assembly that separates fire areas or smoke barriers that separate smoke compartments.
- Is not concealed within the construction of a wall or a floor/ceiling assembly.
- Is not open to a corridor in Group I and R occupancies.
- Is not open to a corridor on nonsprinklered floors.
- Is separated from floor openings and air transfer openings serving other floors by construction conforming to required shaft enclosures.

### 1.2 Nature of Request

One of the conditions in 780 CMR 712.1.9 is that the floor opening does not connect more than two stories. Since the floor openings between Levels 1 and 2 penetrate the floor slab of Level 3, it can be viewed as connecting more than two stories. Therefore, the Town of Stoneham has requested the design team seek a variance for the proposed design approach.

### 1.3 Justification and Considerations

The floor openings will be enclosed in 2-hour rated construction at Level 3, consistent with the rating required for the floor assembly. Also, there is no occupiable space within the floor openings at Level 3. Though the two-story floor opening penetrates through the Level 3 floor slab in section view, it is not atmospherically connected to Level 3. In our opinion, this approach meets the intent of the code by not connecting more than two-stories.

It should also be noted that the rated “bump up” to Level 3 increases the overall volume of the two-story floor openings. Should a fire event occur within one of these areas, the additional volume will increase the time it takes for smoke to fill the space. This in turn increases the safe available egress time for occupants in these areas.

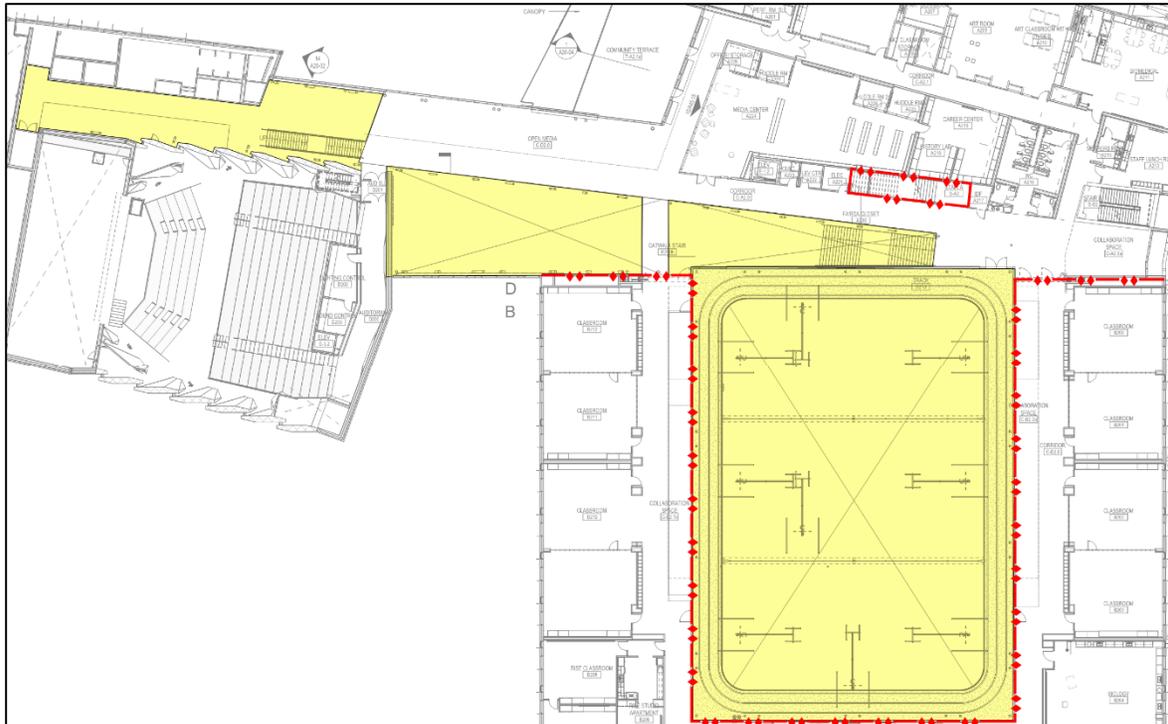


FIGURE 1: LEVEL 2 FLOOR OPENINGS IN VARIANCE REQUEST #1



FIGURE 2: LEVEL 3 FLOOR OPENINGS IN VARIANCE REQUEST #1

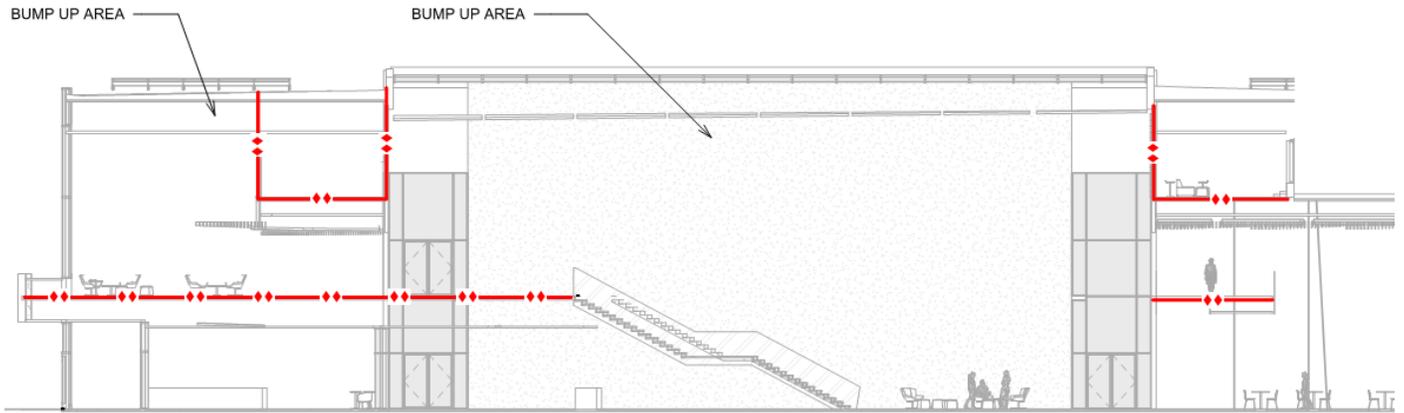


FIGURE 3: SECTION VIEW OF BUMP UP AREAS IN VARIANCE REQUEST #1

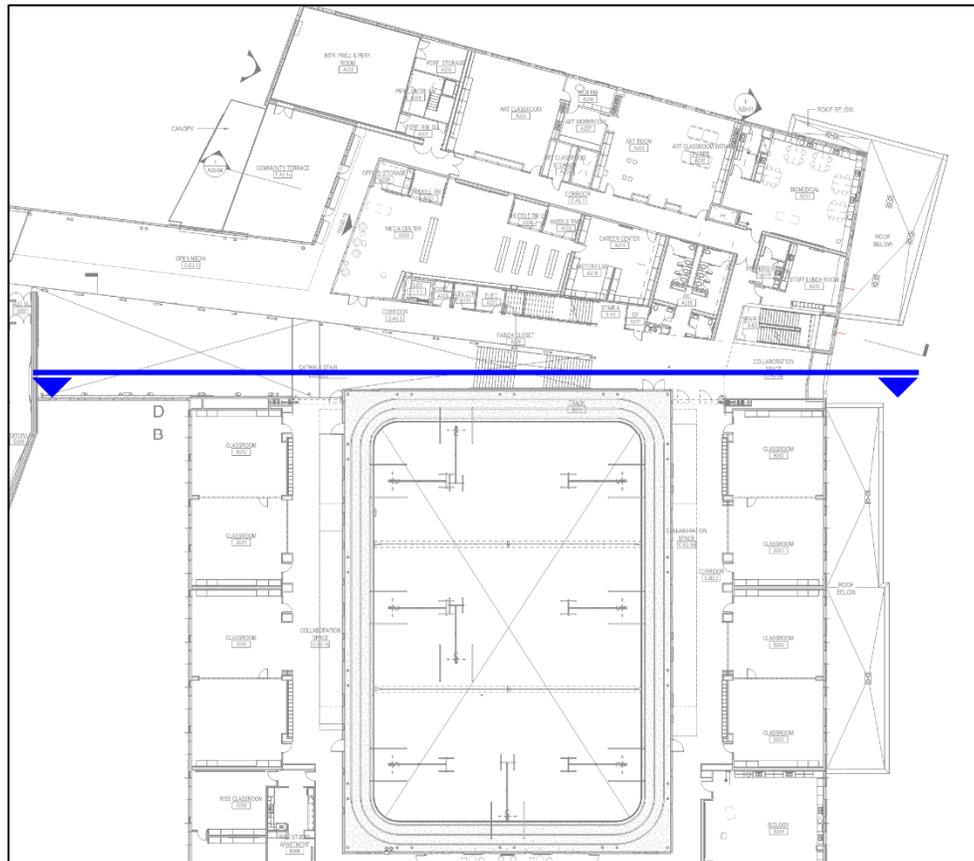


FIGURE 4: SECTION VIEW LOCATION OF FIGURE 3 IN VARIANCE REQUEST #1

## 2. Variance Request #2 – Sprinklers on Glass in Lieu of 2-hour Fire Barrier

It is the desire of the design team to have glass at the location of 2-hour fire barrier assemblies. Variance request #2 is to allow the use of sprinklers on glass as a substitute for ASTM E-119 tested 2-hour fire barrier assemblies.

### 2.1 Pertinent Code Sections

#### 780 CMR 703.4 - Automatic Sprinklers.

Under the prescriptive fire resistance requirements of this code, the fire-resistance rating of a building element, component or assembly shall be established without the use of automatic sprinklers, or any other fire suppression system being incorporated as part of the assembly tested in accordance with the fire exposure, procedures and acceptance criteria specified in ASTM E 119 or UL 263. However, this section shall not prohibit or limit the duties and powers of the building official allowed by Sections 104.10 and 104.11.

### 2.2 Nature of Request

780 CMR Section 703.4 does not contain provisions for prescriptively using sprinklers on glass as an alternative to fire barriers. While the code recognizes the use of alternative means of protection under 780 CMR Section 104.11, the Town of Stoneham has deferred to the State to evaluate the merits of the proposed technical substantiation listed below.

### 2.3 Justification and Considerations

The Appellant is requesting a variance from 780 CMR Section 703.4 to allow for closely spaced sprinklers on glass to be used as a substitute for ASTM E-119 tested 2-hour fire barrier assembly. The following analysis is being offered in support of this approach as an equivalent level of protection to that intended by the code:

- The intended sprinkler system to be used has been subjected to various temperature testing to demonstrate their appropriateness to protect glazing. As part of this testing, the gas flow required to achieve the time/temperature relationship specified in ASTM E119 was established in a test furnace without sprinkler protection. A window assembly protected with TYCO Model WS Window Sprinklers was then installed in the test furnace, and the same gas flow conditions were maintained for a two-hour test period. No cracking or visible damage to the window was permitted during the test period, even when a hose stream was directed at the window.
- Glazing will be laminated and double or single-glazed, not less than 1/4-in thick.
- A single pane of glazing will not exceed 6 feet in width or have a height greater than 13 feet.
- Glazing and sprinklers will be configured such that water wets the entire portion of the glass.
- Vertical joints of glass panes will be connected by butt-joints using a silicone sealant between the individual panes or by non-combustible mullions.
- The sill depth will not exceed 6 inches.
- Non-combustible frames will be used with standard EPDM rubber gasket seals.
- Sprinklers will be quick response.

- Sprinklers will be located within 12 inches of the face of the glazing but not less than 4 inches.
- The edge of the sprinkler deflector will be no closer than 4 inches horizontally to the nearest obstruction.
- Sprinklers will be located no more than 6 feet apart.
- Sprinkler heads will have a minimum density of 3gpm/lineal ft. with no less than 15 gpm for any one head.
- Doors will have a 90-minute fire resistance rating.
- The sprinklers will be located on separate sprinkler zones from the remainder of the building. This will allow impairments to the sprinkler system to occur during future renovations without reducing the protection afforded to the glass wall.

### 3. Conclusion

The variances being requested are to allow the two-story vertical openings with rated “bump ups” to a third story to be classified two-story vertical openings by virtue of (1) 2-hour separations provided on level 3 equivalent to the fire resistance rating of the floors and (2) not having occupiable space within the floor openings at Level 3. Approval is also being requested to allow the use of sprinklered glazing in portions of these 2-hour separations.

In our opinion, approval of these variances is in alignment with the intent of the building code and do not reduce the level of safety provided for the building, occupants, or emergency responders. In certain cases these variances improve the level of safety provided by the minimum code requirements. As such, we respectfully request relief from Sections 703.4 & 712.1.9 of the 780 CMR as specified and justified herein.

Sincerely,

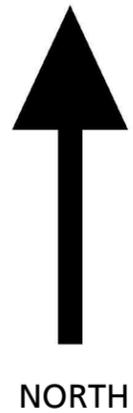
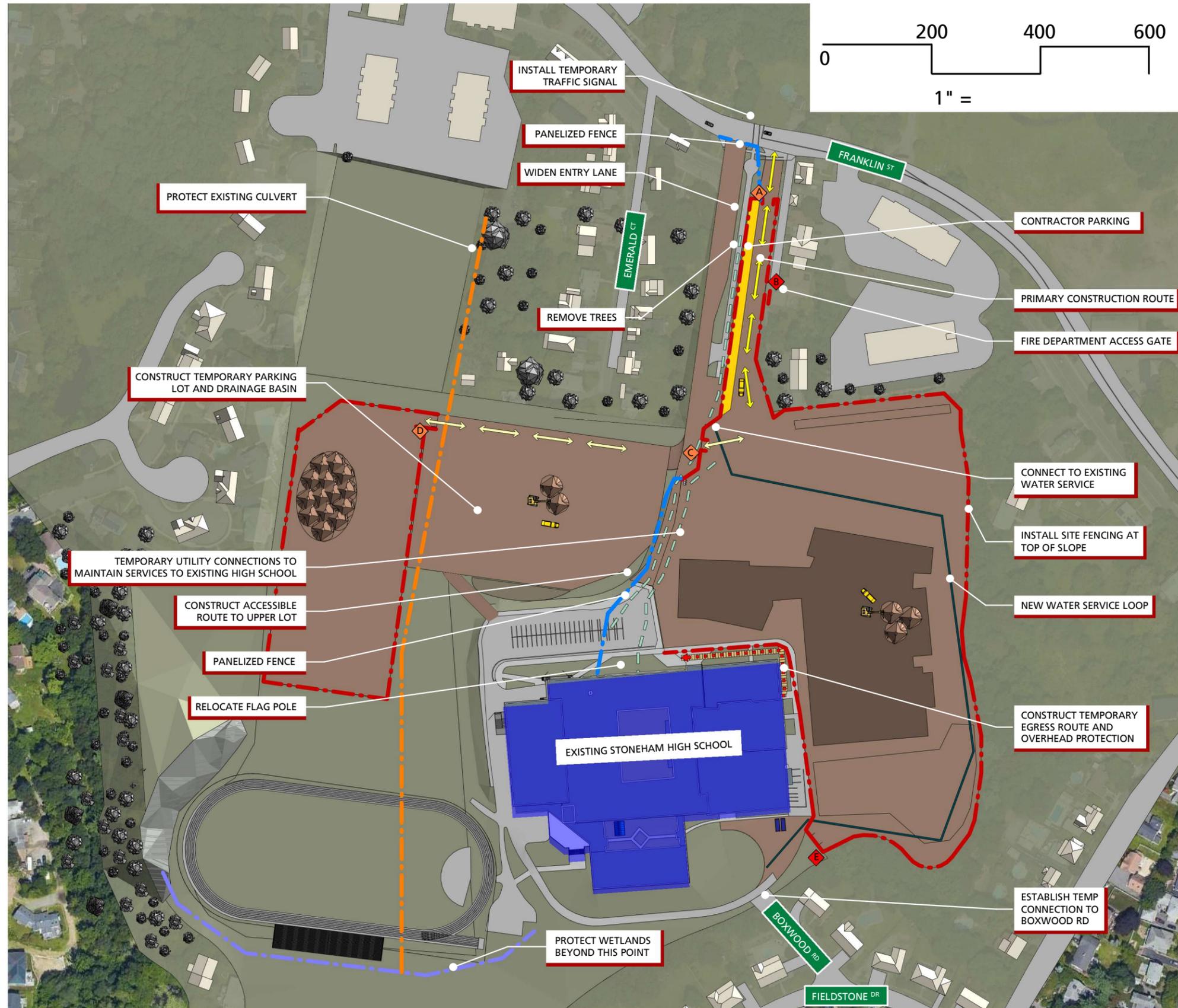


Jeff D. Perras, P.E.

# Stoneham High School



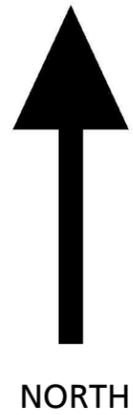
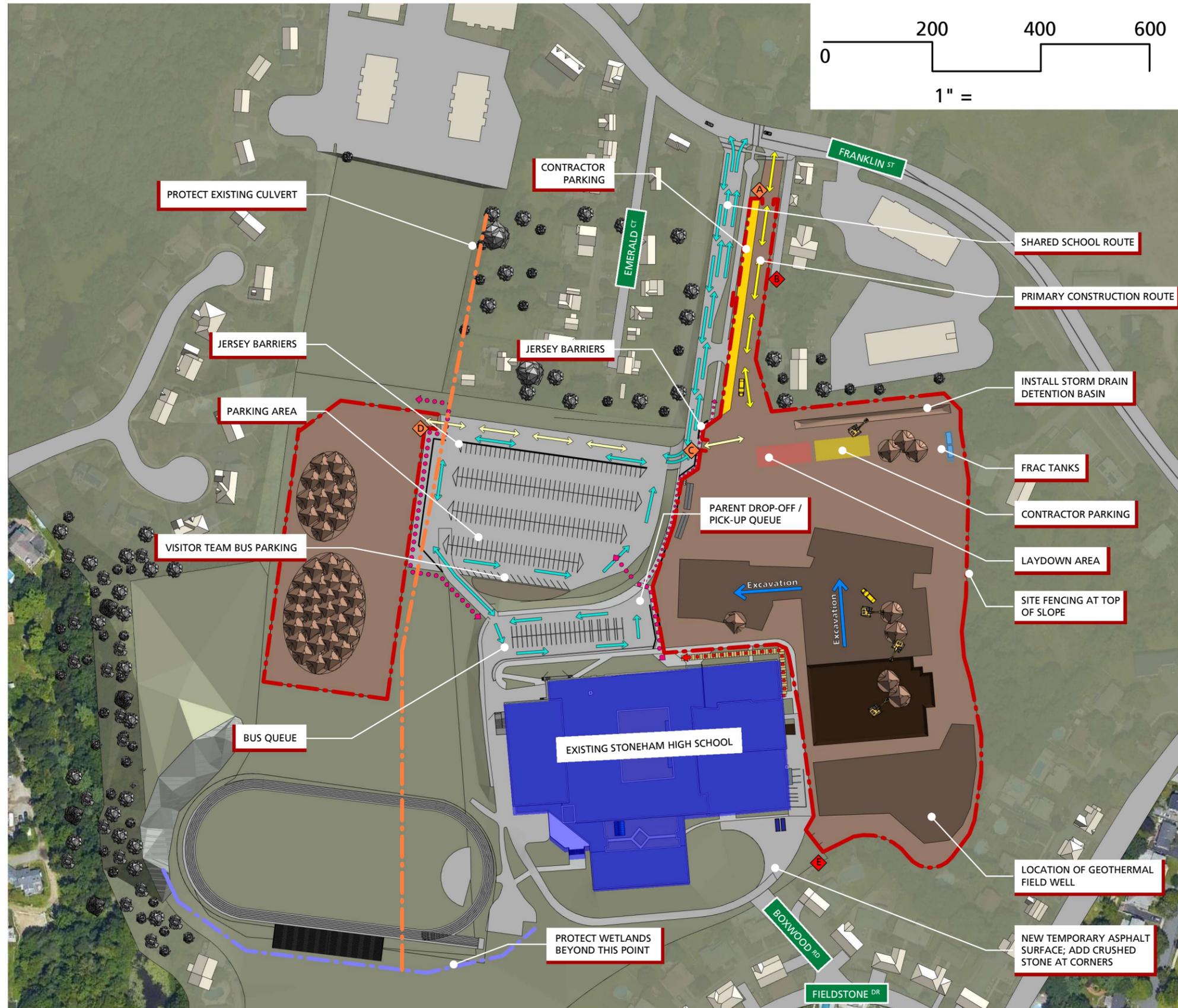
## Phase 1A - Enabling



# Stoneham High School



## Phase 1B- Early Site





Proprietary Items

| Number | Description                                     | Item                         | Location/Program                       | Spec Section              | Manufacturer | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------|-------------------------------------------------|------------------------------|----------------------------------------|---------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Auditorium Orchestra Pit Vertical Platform Lift | Virtuoso Lift                | Orchestra Pit                          | 14 42 00                  | Ascension    | A lift is required for egress and accessibility reasons by code in the Orchestra Pit. The Ascension Virtuoso vertical platform lift is the only mastless lift on the market. Mastless means that it does not have any bulky segments that will stick up above the stage elevation and block views of the stage.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2      | Networking Hardware                             | Network Electronics          | Network Hardware                       | 27 20 00                  | Aruba        | Stoneham Public Schools has standardized on Aruba Networking Hardware. Network hardware standardization across facilities provides a unified and streamlined approach to network management. In other words, the entire network can be configured, managed and monitored through one interface, known in I.T. as a "single pane of glass". Standardization provides for simplification of maintenance and warranty issues, improved scalability and redundancy, no constraints on network topology, and lower total cost of Ownership. Therefore, in order to fully and seamlessly integrate the network switches for the new Stoneham High School project with the district network and platform, the network switches will be specified proprietary as Aruba. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3      | a                                               | Theatrical Lighting Fixtures | Source Four Lustr II LED spotlights    | Theatrical Lighting       | 11 61 91     | Electronic Theatre Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>1. These products are highly specialized multi-color LED fixtures with integrated control electronics. They are much more expensive than traditional incandescent lighting fixtures and cheaper "club" lighting fixtures. But they provide superior performance (for example, higher efficiency, higher reliability, and more realistic rendering of skin tones) and they have a lower life cycle cost. Because they are highly specialized, and because the development of LED fixtures for theater lighting is at an early stage, these products have no "or equals" on the market. The features and over overall quality of these products have made them industry standards, in wide use from elementary schools to Broadway theaters.</p> <p>2. These products are available through multiple local vendors so pricing will be competitive.</p>                                                                                                                                                                                                                                                                                                                                                   |
|        | b                                               | Theatrical Lighting Fixtures | ColorForce II LED spotlights           | Theatrical Lighting       | 11 61 91     | Electronic Theatre Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|        | c                                               | Theatrical Lighting Fixtures | ColorForce II LED wash light fixtures  | Theatrical Lighting       | 11 61 91     | Electronic Theatre Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|        | d                                               | Theatrical Lighting Fixtures | ColorForce II LED strip light fixtures | Theatrical Lighting       | 11 61 91     | Chroma-Q                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|        | e                                               | Theatrical Lighting Fixtures | Lonestar LED moving light fixture      | Theatrical Lighting       | 11 61 91     | Electronic Theatre Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|        | f                                               | Theatrical Lighting Fixtures | MAC Aura LED moving wash fixture       | Theatrical Lighting       | 11 61 91     | Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4      | a                                               | Theatrical Lighting Controls | Element 2 1K Control Console           | Theater Lighting Controls | 26 55 61     | Electronic Theatre Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>Most of this section comprises proprietary products manufactured by ETC. This includes relay-controlled theater lighting outlets, a dedicated theater lighting Ethernet system, portable controls desks, and related control devices. This also includes an integrated architectural lighting control system. These products are provided in the Auditorium and the Interdisciplinary Performance Room.</p> <p>1. The reason for this request is primarily pedagogical. ETC lighting controls are the default industry standard. Stoneham students will encounter ETC control installations in most theaters and educational settings after they graduate. The concepts and applications that students will learn using the ETC control system at Stoneham will be widely transferrable and will better prepare them for college or employment.</p> <p>2. These products form an integrated theater lighting control system with many interdependent parts. Having a single source of manufacture for the critical elements of the system is important for interoperability and reliability.</p> <p>3. These products are available through multiple local vendors so pricing will be competitive.</p> |
|        | b                                               | Theatrical Lighting Controls | ION XE 20 Control Console              | Theater Lighting Controls | 26 55 61     | Electronic Theatre Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|        | c                                               | Theatrical Lighting Controls | Paradigm architectural control         | Theater Lighting Controls | 26 55 61     | Electronic Theatre Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|        | d                                               | Theatrical Lighting Controls | Sensor IQ relay breaker panels &       | Theater Lighting Controls | 26 55 61     | Electronic Theatre Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5      | a                                               | Security System              | Access Control System                  | Security                  | 28 13 00     | EntraPass by Kantech                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To match and be compatible with Town existing systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|        | b                                               | Security System              | Surveillance System                    | Security                  | 28 20 00     | ExacqVision by Tyco/Exacq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | To match and be compatible with Town and Police existing systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | c                                               | Security System              | Primus Lock Core System                | Security/Hardware         | 08 71 00     | Match existing Town System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | To match existing town master key system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Proprietary Items

| Number | Description                | Item                        | Location/Program      | Spec Section | Manufacturer                               | Reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------|----------------------------|-----------------------------|-----------------------|--------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6      | Sprinkler Heads            | Tyco Window Sprinkler Heads | Fire Protection       | 21 00 01     | Horizontal Sidewall Window Sprinkler Heads | Window sprinkler heads are required where we have interior glazing within fire rated assemblies surrounding some of the multi height spaces in the building, namely the Gym and the Level 3 Corridor surrounding the main staircase. The code requires that the sprinklers are spaced out so that they do not spray each other, which is referred to as 'cold-soldering'. In the case of glazing, the challenge arises where we need to protect the glass with one sprinkler and the floor with another ceiling mounted sprinkler; this creates coordination complexity and can add cost by requiring additional baffles where the spacing requirements between the two types cannot be met on their own. Tyco is the only manufacturer that provides a horizontal sidewall sprinkler head. The horizontal type heads are able to be mounted within ½" of the glazed area, which in turn allows the surrounding glass framing to act as a baffle, eliminating the aforementioned need for additional baffles and/or complex coordination. In the case of the Gym, where we have multiple sprinkler heads stacked vertically, it would be imperative to use the horizontal sidewall sprinklers to avoid additional cost and complexity. |
| 7      | Stormwater Treatment       | Stormceptor STC             | Stormwater Treatment  | 33 40 00     | Contech                                    | This product provides stormwater quality treatment required for stormwater runoff on pollution-generating impervious surfaces (any pavement with vehicular traffic). To meet our target water quality rates, we need to utilize products that are pre-approved by the state to provide 'X' amount of water quality. We are relying on these specific units to provide enough water quality for our site to meet Total Suspended Solids (TSS) removal standards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 8      | Building Management System | Niagra Tridium Software     | Building Mgmt. System | 23 00 00     | Niagra Tridium                             | To integrate with other school building management systems in the district                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Stoneham Fire Department Meeting Minutes

### Meeting Details

|                          |                 |                        |                      |                     |
|--------------------------|-----------------|------------------------|----------------------|---------------------|
| <b>Date Issued:</b>      | 2.9.2022        | <b>Next Meeting:</b>   | TBD                  |                     |
| <b>Meeting Date:</b>     | 2.7.2022        | <b>Project Name:</b>   | Stoneham High School |                     |
| <b>Meeting Time:</b>     | 01:00 PM        | <b>Project Number:</b> | 153010.000           |                     |
| <b>Meeting Location:</b> | Microsoft Teams | <b>Attendees:</b>      | Dennis Sheehan       | Stoneham            |
|                          |                 |                        | Brian McNeil         | Stoneham            |
|                          |                 |                        | Sarah Traniello      | Stoneham            |
|                          |                 |                        | Matthew Grafton      | Stoneham, Fire Dept |
|                          |                 |                        | Brooke Trivas        | Perkins&Will        |
|                          |                 |                        | Brad Pineau          | Perkins&Will        |
|                          |                 |                        | Joel Seeley          | SMMA                |
|                          |                 |                        | Kenneth Davis        | BALA                |
|                          |                 |                        | Nicholas Stefantsiv  | BALA                |
|                          |                 |                        | KiJana Haney         | BALA                |
|                          |                 |                        | Michael Doyle        | AEI                 |
|                          |                 |                        | Jason Hamelin        | AEI                 |
|                          |                 |                        | David Warner         | Warner Larson       |
|                          |                 |                        | Ti Johnson           | Warner Larson       |
|                          |                 |                        | Bob Smith            | Consigli            |
|                          |                 |                        | Kristy Lyons         | Consigli            |

### Meeting Notes

#### 1. Introductions

#### 2. Site Overview (Warner Larson)

- a. Fire lane access & gates
  - i. 4'-0" stabilization on either side of 12'-0" roadway is acceptable, Chief Grafton is familiar with this type of landscape
  - ii. All fire line access gates shall be manual swing arm type. Knox box shall be provided at gate locations as required for gate keys – coordinate with Stoneham HS.
    - Confirmed no security access control required at gate locations
  - iii. Gates shall be located at north east fire lane at staff parking lot, easterly most access from student parking lot to fire lane, and at Boxwood Road emergency access point.
    - No gates from Benjamin Terrace or from Fieldhouse/student parking lot access point
- b. Site Circulation
  - i. 1-2 removable bollards for emergency vehicle at main entry acceptable
  - ii. Ability to get ladder truck between Fieldhouse and Tennis courts is highly desirable
    - Warner Larson to study turning movements and slope-path analysis based on actual fire truck specs to confirm ladder truck can
    - Stoneham FD to provide ladder truck specs for WL use
  - iii. Boxwood Road Emergency Vehicle Access
    - Fire Chief requests emergency vehicle access from Boxwood Terrace

## Stoneham Fire Department Meeting Minutes

### Stoneham High School

Meeting Date: 2.02.2022

- Consigli to provide update of cost/scope of the restoration plan that they are carrying in their budget for review to determine if more improvements required to make Boxwood a permanent emergency access point.
- iv. Benjamin Terrace Emergency Vehicle Access
  - 12'-0" wide emergency vehicle access being provided
- v. Fire Hydrants locations around the site
  - Design team to provide markup of the locations for Chief Grafton to review

### 3. Fire Alarm Overview

- a. Service Type will be municipal, it will be terminated at end of driveway on pole on Franklin St. Noted that CO detectors shall be provided in all Science classrooms
- b. Master box will be Gamewell municipal type, not radio type. (Antenna or conduit to be installed from FACP room to roof for future use of radio box if needed).
- c. Main entrance will have following devices located there
  - i. Master Box
  - ii. Exterior Beacon. Include a beacon at the Fire Protection service entry.
  - iii. Knox Box (Knox boxes should be located at all entries) (We use Kidde lock boxes)
  - iv. Remote annunciator
  - v. Area of Refuge Master Station
    - Subsequent area of refuge stations will be provided on the 2<sup>nd</sup> and 3<sup>rd</sup> level elevator lobbies.
- d. If a Fire Alarm Room is not provided, the following would be located at the Main Entry Lobby, (Chief noted that a Fire alarm Rm is not required as long remote annunciators are provided)
  - i. Remote annunciator with voice capabilities (microphone) and audio zone selector switches at panel an annunciators
- e. The Fire Alarm Main Room will contain the following equipment:
  - i. Fire alarm drill switch – this can be a switch incorporated FACP
  - ii. Fire alarm control panel with voice capabilities (microphone)
  - iii. An antenna for future use of radio box if needed
  - iv. Three (3) fire alarm terminal cabinets
  - v. Three (3) notification appliance circuit booster panels
- f. 2nd level Fire Alarm Closet (Room A213) will contain the following
  - i. Two (2) fire alarm terminal cabinets
  - ii. Two (2) notification appliance circuit booster panels
- g. 3<sup>rd</sup> level Fire Alarm Closet (A307) will contain the following:
  - i. One (1) fire alarm terminal cabinet
  - ii. One (1) notification appliance circuit booster panels
  - iii. One (1) bi-directional amplifier panel
- h. In addition to main entrance, annunciators will be provided at pre-k entrance, and loading dock. A remote exterior beacon will be provided at each location. as well as above any FD
- i. Smoke detectors will be provided in following areas:
  - i. Corridors
  - ii. Stairwells

## Stoneham Fire Department Meeting Minutes

### Stoneham High School

Meeting Date: 2.02.2022

- iii. Electric closets
- iv. IT closets
- v. Elevator machine rooms
- vi. Science labs (also Manual gas shut offs will be required)
- vii. Field House (need more info may require smokes)
- viii. If applicable smoke detectors provided in trash or recycling storage room
- ix. Duct detectors will be provided as required by code. (Need more info on auditorium and props)
- j. Carbon Monoxide detectors will be provided within the Science labs due to the presence of fuel fired equipment (Bunsen Burners).
- k. One fire alarm system will serve the high school and the stadium building. A Signaling Line Circuit (SLC) will be provided to serve the stadium building from the FACP. The school will have zoned evacuation, with two (2) zones, one zone for the stadium building and one zone for the high school.
- l. Hyperspikes Speakers will be provided in gymnasiums.
- m. Manual stations will be provided at egress doors, exits of gymnasiums, exits of auditoriums, and exits of cafeteria. All manual stations will be provided with protective stopper covers with integral alarms.
- n. Alarm Notification:
  - i. System will be a voice type, audio/visual devices will be provided throughout facility to meet code audibility requirements.
  - ii. Visual only devices will be provided in small and medium meeting/conference rooms, single gang toilets, and single occupancy spaces.
  - iii. Audio only devices from microphone system will be provided in stairwells, elevator lobbies and corridors.
- o. Stoneham would prefer Notifier, but for public bid, we will include three manufacturers. Chief likes Fire-Lite and Honeywell.
- p. To coordinate construction for the new high school, the conduit serving the existing master box for the high school will be disconnected by the Stoneham Fire Department. The existing master box will be removed the Stoneham Fire Department. Before that occurs, a cellular dialer shall be provided to transmit signals off-site to a monitoring service. Chief Matthew Grafton has no preference if the conduit is demolished or is abandoned in place.
- q. BALA will provide Joel Seeley and Consigli with a cutsheet for the cellular communicator that is compatible with the FACP serving the existing high school.

#### 4. Fire Sprinkler Overview

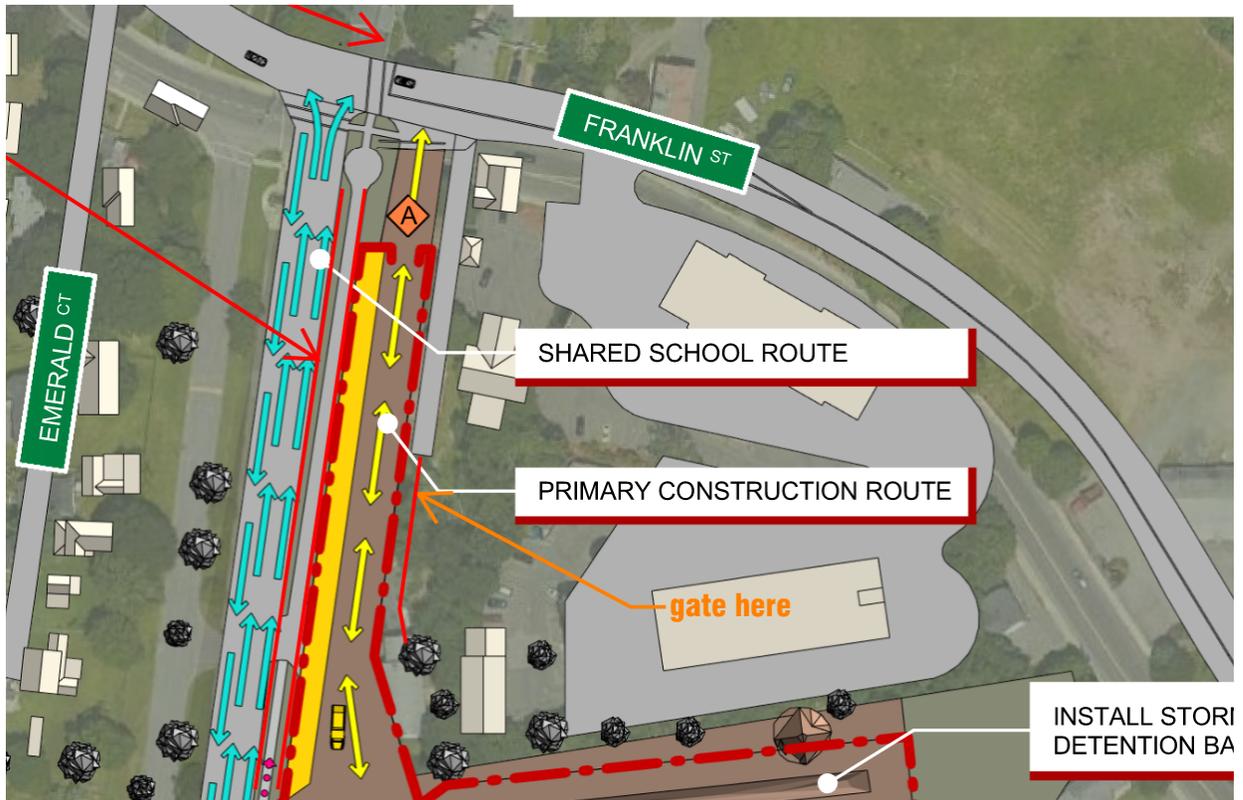
- a. General review of the fire suppression system, zoning, and access points around the building
- b. 2.5" FD valve connections confirmed at all valve cabinets
- c. Fire department hose connections
  - i. Location at main MEP room is acceptable
  - ii. Add location to north side of building in/near staff parking
    - Remote location is acceptable (i.e. doesn't have to be mounted to building)
    - Design team to review location
- d. Bleacher review
  - i. Acceptable to have institutional sprinklers beneath the track
  - ii. Acceptable to have "uncovered" section beneath the bleachers when the bleachers are fully deployed

**Stoneham Fire Department Meeting Minutes**  
**Stoneham High School**  
**Meeting Date: 2.02.2022**

- Extended coverage sidewall sprinklers will be provided to maximize cover beneath bleachers
- Bleachers are noncombustible framed bleachers
- e. Emergency Generator Review
  - i. Options to review gas or diesel generators are currently under review by the Ad Hoc VE Subcommittee
    - Chief Grafton is in line with whichever option is chosen by the subcommittee

**5. Phasing Review**

- a. Temporary and final conditions reviewed as related to existing access to property located at the end of Franklin Place
  - i. Consigli can provide gate during construction to allow for access



- ii. Design team to review access to this location in the final condition

**6. Next Steps & Meeting**

- a. Next meeting TBD
- b. Design team to follow up with plan markup of fire hydrant locations around site
- c. CM to provide cost/scope review of Boxwood Terrace restoration for review

## Project Minutes

Project: New Stoneham High School Project No.: 20033  
 Prepared by: Joel Seeley Meeting Date: 2/25/2022  
 Re: Construction Subcommittee Subset Meeting Time: 8:00am  
 Location: Remote Locations Meeting No: 4  
 Distribution: Attendees (MF)

## Attendees:

| PRESENT | NAME               | AFFILIATION                                                       |
|---------|--------------------|-------------------------------------------------------------------|
| ✓       | Douglas Gove       | Community Member with Engineering Experience                      |
| ✓       | Paul Ryder         | Community Member with Construction Experience                     |
|         | Kevin Yianacopolus | Local Official responsible for Building Maintenance               |
| ✓       | Brian McNeil       | Town Facilities Director                                          |
| ✓       | Dennis Sheehan     | Town Administrator / MCPPO Certified                              |
|         | John Macero        | Superintendent of Schools, Secretary of School Building Committee |
|         | Raymie Parker      | Select Board Member                                               |
| ✓       | Brooke Trivas      | Perkins and Will                                                  |
|         | Stephen Messinger  | Perkins and Will                                                  |
| ✓       | David Warner       | Warner Larson                                                     |
| ✓       | Kristy Lyons       | Consigli Construction                                             |
|         | Todd McCabe        | Consigli Construction                                             |
| ✓       | Steve Banak        | Consigli Construction                                             |
| ✓       | Matt Guimond       | Consigli Construction                                             |
| ✓       | Robert Smith       | SMMA                                                              |
| ✓       | Joel Seeley        | SMMA                                                              |

| Item # | Action                              | Discussion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.1    | J. Seeley<br>D. Sheehan<br>K. Lyons | <p>K. Lyons confirmed that Consigli will need to utilize the temporary Boxwood Road drive for the 23 full time staff summer 2022 and summer 2023. Nitsch has indicated the no extra drainage infrastructure would be required if the drive extension is gravel. A gate will be provided for summer use and jersey barrier for fall, winter and spring.</p> <ol style="list-style-type: none"> <li>1. J. Seeley to coordinate with D. Sheehan on meeting with Boxwood Road neighbors.</li> <li>2. K. Lyons to tag the trees that would need to be removed to extend Boxwood Road up to the high school property.</li> </ol> |
| 4.2    | M. Guimond                          | <p>M. Guimond reviewed the Summer 2022 Site plan, the Summer 2022 – Summer 2024 Site plan and the detailed Summer 2022 Construction Schedule.</p> <p>Subcommittee Discussion:</p> <ol style="list-style-type: none"> <li>1. M. Guimond to add the dates for the Utility Company work and tie-ins and potential service downtime to the schedule.</li> </ol>                                                                                                                                                                                                                                                                |

| Item # | Action    | Discussion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |           | <p>2. D. Warner indicated permitting may still be underway, however the Summer 2022 work does not appear to be within the Conservation Commission's jurisdiction, this should be monitored as the plan is further developed.</p> <p>3. D. Warner indicated the pre-blasting and blasting process should be added to the schedule.</p> <p>4. M. Guimond to determine the blasting requirements, including pre-blast survey requirements.</p> <p>5. D. Sheehan asked will Saturday work be required to meet the Summer 2022 schedule?<br/><i>M. Guimond indicated the work progress will be monitored nearly daily to determine if Saturday work will be required to maintain schedule.</i></p> <p>6. K. Lyons indicated an Allowance for Saturday work will be included in the budget.</p> <p>7. D. Sheehan indicated that notice will need to be provided to the neighbors for any Saturday work.</p> <p>8. D. Warner asked how will storm drainage be addressed for the temporary parking lot?<br/><i>S. Banak indicated that a temporary drainage basin will be constructed at the south end of the temporary lot and that the existing catch basin at that location and already connected to the existing culvert, will be utilized.</i></p> <p>9. D. Warner asked if Consigli is still planning to haul off site the topsoil excavated in Phase 1?<br/><i>K. Lyons indicated yes.</i></p> <p>10. K. Lyons indicated Consigli is in the process of determining the extent of Stockpile area needed.</p> <p>11. D. Warner asked if the construction fence is meant to follow the property line or the limit of work line?<br/><i>M. Guimond indicated the limit of work line, the plan will be corrected.</i></p> <p>12. B. McNeil indicated he is waiting to hear back from the Kitchen and Custodial supplies vendors if they can use a 40-foot wheel base truck or less.</p> |
| 4.3    | J. Seeley | <p><b>Next Construction Subcommittee Subset Meeting: TBD, J. Seeley to follow-up on a date.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Attachments: Summer 2022 Site plan, the Summer 2022 – Summer 2024 Site plan and the detailed Summer 2022 Construction Schedule  
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: New Stoneham High School  
 Prepared by: Joel Seeley  
 Re: Interiors Subcommittee Meeting  
 Location: Remote Locations  
 Distribution: Attendees (MF)

Project No.: 20033  
 Meeting Date: 2/8/2022  
 Time: 8:00am  
 Meeting No: 1

### Attendees:

| PRESENT | NAME               | AFFILIATION                                                                    |
|---------|--------------------|--------------------------------------------------------------------------------|
| ✓       | Marie Christie     | Co-Chair, Past Member of the School Committee/Middle School Building Committee |
| ✓       | Josephine Thomson  | Community Member                                                               |
| ✓       | Nicole Nial        | School Committee Member                                                        |
|         | Lisa Gallagher     | Community Member, School Secretary                                             |
| ✓       | Raymie Parker      | Select Board Member                                                            |
| ✓       | Cory Mashburn      | Community Member, Finance and Advisory Board                                   |
| ✓       | Brian McNeil       | Facilities Director                                                            |
| ✓       | John Macero        | Superintendent of Schools                                                      |
| ✓       | Brooke Trivas      | Perkins and Will                                                               |
| ✓       | Mirelle Botros     | Perkins and Will                                                               |
| ✓       | Patrick Cunningham | Perkins and Will                                                               |
| ✓       | Jennifer Miller    | Perkins and Will                                                               |
| ✓       | Michelle Rothman   | Perkins and Will                                                               |
| ✓       | Kristy Lyons       | Consigli                                                                       |
| ✓       | Joel Seeley        | SMMA                                                                           |

| Item # | Action                 | Discussion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.1    | B. Trivas Subcommittee | <p>B. Trivas presented the Interiors Materials presentation, attached.</p> <p>Subcommittee Discussion:</p> <ol style="list-style-type: none"> <li>J. Macero asked if the Subcommittee can view physical samples of the materials?<br/> <i>B. Trivas indicated yes, physical samples and product data sheets will be provided to the Subcommittee for review.</i></li> <li>R. Parker asked if the rubber floor tile in the Locker Rooms will withstand cleat traffic?<br/> <i>B. Trivas indicated Perkins&amp;Will has installed rubber floor tile in many Locker Rooms and will review past projects for any issues.</i></li> </ol> |

| Item # | Action | Discussion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |        | <p>3. M. Christie asked how often and how many times can the Gymnasium wood floor be sanded?<br/> <i>J. Miller indicated the planks are 3/4" thick and can be sanded many times. B. McNeil indicated that if the floor is well maintained, sanding would only be needed once every 10 years or so.</i></p> <p>4. R. Parker asked if the epoxy floor is seamless?<br/> <i>J. Miller indicated yes, there are no joints in the epoxy floor.</i></p> <p>5. R. Parker asked if polished concrete is the right material for the monumental stair treads?<br/> <i>P. Cunningham indicated yes, the material is very durable and will be finished in the manufacturer's shop and samples will be provided for review.</i></p> <p>6. R. Parker asked if the markerboard covering on the operable classroom partitions is more money than a standard covering?<br/> <i>B. Trivas indicated the markerboard covering was in the SD estimate, but the proportion of writable to standard finish is open.</i></p> <p>7. J. Thomson asked if the teachers have indicated their preference for the amount of markerboard covering on the operable partitions?<br/> <i>B. Trivas indicated the markerboard coverings were indicated but the teachers were not asked specifically, Perkins&amp;Will will ask.</i></p> <p>8. R. Parker asked if the accent wall color scheme is the same throughout the building?<br/> <i>J. Miller indicated the second and third floors will have the same accent wall color schemes.</i></p> <p>9. R. Parker asked if the accent wall color schemes can be by departments, such as math, language, science rooms, etc?<br/> <i>J. Miller indicated the color scheme could be by neighborhoods, but would not recommend by departments, since the general classrooms could change.</i></p> <p>10. The Subcommittee to forward any additional comments to J. Seeley and he will forward to the design team.</p> |
| 1.2    | Record | Next <b>Subcommittee Meeting: After the DD Submission in April</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Attachments: Agenda

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

1000 Massachusetts Avenue  
 Cambridge, MA 02138  
 617.547.5400

[www.smma.com](http://www.smma.com)



**TOWN OF**  
**STONEHAM**  
MASSACHUSETTS 02180  
[www.stoncham-ma.gov](http://www.stoncham-ma.gov)

March 10, 2022

Nexamp, Inc.  
101 Summer Street  
Floor 2  
Boston, MA 02110  
Attn: Zaid A. Ashai

Dear Zaid,

As previously communicated, your firm has been invited to participate in the interview process as a candidate for award of the Solar for Net Zero Stoneham High School project for which you submitted a bid. A total of three firms have been invited to participate in the interview process. The interview with Nexamp, Inc. is scheduled for March 18, 2022 at 9:00AM. We ask that you log on at your allotted time and not before. While the meeting is open to the public and all are welcome to attend, the Subcommittee requests that each firm respects the process and equality presented to each candidate.

The link to the GoToMeeting is detailed at the end of this letter and will be emailed to you as well.

Representing Stoneham will be members of the New Stoneham High School Green Initiatives Working Group and include:

Steve Burke, Director of Sustainability, Consigli Construction – High School Project CM at Risk.

Patrick Cunningham, Senior Project Designer, Principal, Perkins and Will - High School Project Designer.

Susan McPhee, Energy Conservation Coordinator, Spark Energy Conservation - Town of Stoneham's Energy Consultant.

Tom Michelman, Senior Director, Sustainable Energy Advantage, LLC - Town of Stoneham's Consultant for the High School PV Project.

April Lanni, Procurement Officer, Town of Stoneham.

Raymie Parker, Stoneham Select Board Member, Chief Executive Officer to the Stoneham High School Building Committee.

Joel Seeley, Executive Vice President, SMMA -High School Project OPM.

Dennis Sheehan, Town Administrator, Town of Stoneham

Robert Smith, Onsite Project Manager, SMMA- High School Project OPM.

Erin Wortman, Director of Planning and Community Development, Town of Stoneham.



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MASSACHUSETTS 02180  
[www.stonham-ma.gov](http://www.stonham-ma.gov)

Instructions to Interviewers:

Each firm invited to attend will have forty-five (45) minutes to answer the questions outlined below. Following the presentation, the interview team will be provided fifteen (15) minutes for follow-up questions. Should the firm reach the forty-five (45) minute time limit, the presenter will be notified and be requested to end the presentation to allow for an adequate question and answer period.

Describe your approach and schedule to negotiating and executing the Interconnection Services Agreement with Eversource to ensure full system operation by the date established in the RFP?

Discuss any supply chain issues you have been experiencing and how this might impact the schedule as it pertains to procurement and coordinating with the interconnection schedule question previously stated?

More generally, how will your team work to identify any scope gaps, scope changes and scope delineations required as the project documents evolve prior to construction? Specifically, what is your plan and schedule to identify any potential scope gaps or design corrections that need to be captured such as

- PV Canopy Base design
- Sit PV Canopy Requirements
- Ductbanks
- PV pads, roof supports, roof penetrations, etc.

What is your communication plan to work with the CM to make sure the CM has the opportunity to install in sequence given that you will be a third party hired directly by the owner and operating in parallel to an active construction project. Speak to any experience you have operating successfully in this type of format and challenges faced.

What is your approach and experience with owning, managing and maximizing value of battery storage that is paired with solar that offsets onsite load? If possible, please provide real world examples that maximizes revenues, while minimizing risk.

How will you implement the shared benefits construct given that some of benefits come from savings on the High School's Eversource's electric bill. Specifically how will you provide auditable reports and data that quantify Eversource demand savings and ICAP Tag savings. Related questions

- As you propose the BESS will be AC-Coupled, if so it could theoretically charge from the High School's Eversource account, will your BESS be able to charge from High School's Eversource account? And if the BESS is able to charge from High School's Eversource account?
  - How will you share the kWh consumption data with the Town and High School, and compensate / credit for such usage?
  - How will you ensure that (or compensate / credit for) the possibility of increasing the High School's peak demand and/or ICAP Tag assessment?



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Solar For Net Zero Stoneham High School RFP Candidate Interviews  
Fri, Mar 18, 2022 8:30 AM - 1:30 PM (EDT)

Please join my meeting from your computer, tablet or smartphone.

<https://meet.goto.com/260533197>

You can also dial in using your phone.  
(For supported devices, tap a one-touch number below to join instantly.)

United States: +1 (408) 650-3123  
- One-touch: <tel:+14086503123,,260533197#>

Access Code: 260-533-197

Best Regards,

April Lanni  
Procurement Officer  
On Behalf of the Green Initiatives working group subcommittee



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[www.stonham-ma.gov](http://www.stonham-ma.gov)

March 10, 2022

Ameresco, Inc.  
111 Speen Street  
Suite 410  
Framingham, MA 01701  
Attn: Kleo Taliadouros

Dear Kleo,

As previously communicated, your firm has been invited to participate in the interview process as a candidate for award of the Solar for Net Zero Stoneham High School project for which you submitted a bid. A total of three firms have been invited to participate in the interview process. The interview with Ameresco, Inc. is scheduled for March 18, 2022 at 10:00AM. We ask that you log on at your allotted time and not before. While the meeting is open to the public and all are welcome to attend, the Subcommittee requests that each firm respects the process and equality presented to each candidate.

The link to the GoToMeeting is detailed at the end of this letter and will be emailed to you as well.

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More generally, how will your team work to identify any scope gaps, scope changes and scope delineations required as the project documents evolve prior to construction? Specifically, what is your plan and schedule to identify any potential scope gaps or design corrections that need to be captured such as

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What is your communication plan to work with the CM to make sure the CM has the opportunity to install in sequence given that you will be a third party hired directly by the owner and operating in parallel to an active construction project. Speak to any experience you have operating successfully in this type of format and challenges faced.

What is your approach and experience with owning, managing and maximizing value of battery storage that is paired with solar that offsets onsite load? If possible, please provide real world examples that maximizes revenues, while minimizing risk.

How will you implement the shared benefits construct given that some of benefits come from savings on the High School's Eversource's electric bill. Specifically how will you provide auditable reports and data that quantify Eversource demand savings and ICAP Tag savings. Related questions

- As you propose the BESS will be AC-Coupled, if so it could theoretically charge from the High School's Eversource account, will your BESS be able to charge from High School's Eversource account? And if the BESS is able to charge from High School's Eversource account?
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Best Regards,

April Lanni  
Procurement Officer  
On Behalf of the Green Initiatives working group subcommittee



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MASSACHUSETTS 02180  
[www.stoneham-ma.gov](http://www.stoneham-ma.gov)

March 10, 2022

Solect Energy Development  
89 Hayden Rowe Street  
Hopkinton, MA 01748  
Attn: Sarah Hill

Dear Sarah,

As previously communicated, your firm has been invited to participate in the interview process as a candidate for award of the Solar for Net Zero Stoneham High School project for which you submitted a bid. A total of three firms have been invited to participate in the interview process. The interview with Solect Energy Development is scheduled for March 18, 2022 at 11:00AM. We ask that you log on at your allotted time and not before. While the meeting is open to the public and all are welcome to attend, the Subcommittee requests that each firm respects the process and equality presented to each candidate.

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Solar For Net Zero Stoneham High School RFP Candidate Interviews  
Fri, Mar 18, 2022 8:30 AM - 1:30 PM (EDT)

Please join my meeting from your computer, tablet or smartphone.

<https://meet.goto.com/260533197>

You can also dial in using your phone.  
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United States: +1 (408) 650-3123  
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Access Code: 260-533-197

Best Regards,

April Lanni  
Procurement Officer  
On Behalf of the Green Initiatives working group subcommittee