

Project Minutes

Project: New Stoneham High School
 Prepared by: Joel Seeley
 Re: School Building Committee Meeting
 Location: Remote Participation
 Distribution: Attendees (MF)

Project No.: 20033
 Meeting Date: 1/10/2022
 Time: 7:00pm
 Meeting No: 38

Attendees:

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

Item #	Action	Discussion
38.1	Record	Call to Order, 7:00 PM, meeting opened.
38.2	Record	This meeting will be held via video conference and a recording of such will be posted on the Town's website.
38.3	Record	A motion was made by R. Parker and seconded by K. Yianacopolus to approve the 12/20/21 School Building Committee meeting minutes. No discussion, motion passed unanimous by roll call vote, three abstentions.
38.4	Record	J. Seeley reviewed the Budget Status Report, dated 12/31/21, attached.
38.5	Record	J. Seeley reviewed Warrant No. 20, attached. A motion was made by S. Iovanni and seconded by L. Gallagher to approve Warrant No. 20. No discussion, motion passed unanimous by roll call vote.
38.6	J. Seeley	J. Seeley reviewed the updated Local Permitting Schedule, dated 1/10/22 and attached. Site Plan Approval is not required by the Select Board. Committee Discussion: 1. R. Parker asked if the project is required to submit to the Storm Water Board for approval, per the recent bylaw change? <i>J. Seeley will confirm with D. Sheehan.</i>
38.7	T. McCabe	T. McCabe to confirm when the final entry/exit driveway configuration will be constructed and if the access from Boxwood Road would remain during construction. <i>(from prior meeting)</i>
38.8	B. Trivas	B. Trivas to review if the existing flagpole will need to be temporarily relocated to be out of the construction area? <i>(from prior meeting)</i>
38.9	B. Trivas	B. Trivas to provide a layout of delivery trucks and dumpsters at the loading dock for review. <i>(from prior meeting)</i>
38.10	P. Cunningham	P. Cunningham to confirm the corridors in the Administration Suite have been checked for dead-ends and common paths of travel. <i>(from prior meeting)</i>
38.11	P. Cunningham	P. Cunningham to confirm if a fourth exit is required from the Auditorium. <i>(from prior meeting)</i>
38.12	D. Warner	D. Warner to provide a list of trees for review. <i>(from prior meeting)</i>
38.13	P. Cunningham	P. Cunningham to provide details of the sloping grades at the auditorium exterior wall limiting use as an outdoor theater for review. <i>(from prior meeting)</i>
38.14	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>
38.15	D. Warner	D. Warner to provide a layout of the Japanese Dogwoods for review. <i>(from prior meeting)</i>

Item #	Action	Discussion
38.16	T. McCabe	T. McCabe to present the overall construction schedule including procurement for review. <i>(from prior meeting)</i>
38.17	T. McCabe	T. McCabe to present the scope of the Bid Packages for review. <i>(from prior meeting)</i>
38.18	Committee	<p>P. Cunningham provided a Design Update, including typical classroom layout, lighting configuration and exterior window placement, administration plan layout, and gymnasium layout, all attached.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. S. Iovanni asked if the classroom LCD screen was fixed? <i>B. Trivas indicated the classroom LCD screens are portable.</i> 2. D. Bois asked if the downlight classroom lighting strategy Option 4 is more costly than the other options? <i>P. Cunningham indicated Options 4 and 5 are the most cost economical options.</i> 3. D. Bois asked what is the purpose of the ceiling pocket at the window head, this is an added expense? <i>P. Cunningham indicated the pocket houses the diffuser.</i> 4. R. Parker asked if the light switching can allow for when just the teacher is in the room and not all the lights are needed to be on? <i>P. Cunningham indicated yes, the lighting control system will allow for different scene settings.</i> 5. R. Parker indicated she liked not having the pendant lights hanging down collecting dirt and dust. 6. The Committee agreed with downlight classroom lighting strategy Option 4 preferred by Perkins&Will. 7. L. Gallagher asked where is the Safety Resource Officer's office located? <i>J. Macero indicated the SRO has an office in the middle school and that when the SRO is at the high school, the SRO would be continuously out in the building actively involved and may have a kiosk-type space near Spartan Place.</i> 8. R. Parker indicated she believes the SRO needs an office-type space for when students want to talk to the SRO. 9. S. Iovanni asked if the bleachers will be under any portion of the overhead track and if there will be a head clearance issue similar to the Billerica high school project?

Item #	Action	Discussion
		<p><i>B. Trivas indicated yes, a portion of the bleachers will be under the overhead track and that the head clearance issue will not occur on this project.</i></p> <p>The Committee to forward any additional comments to J. Seeley to compile and forward to the design team.</p>
38.19	B. Trivas K. Lyons	<p>B. Trivas provided an update on the geotechnical, geothermal and geoenvironmental site investigations performed over the holiday break. The geotechnical test pits and borings were completed and the consultant is compiling their report. The geothermal conductivity test was performed and the consultant is reviewing the results. The test pits and monitoring wells were installed by the geoenvironmental consultant at the area of the removed underground oil tank and no reportable conditions were found. The geoenvironmental consultant is working with Perkins&Will and Consigli to determine the quantity of soil samples needed for their soil pe-characterization program.</p>
38.20	J. Seeley	<p>K. Lyons indicated Consigli is at the point of needing to meet with the subcommittee that will provide guidance and input on the Construction Logistics and Phasing. J. Seeley to coordinate a meeting once the subcommittee is established.</p>
38.21	D. Sheehan J. Seeley	<p>T. McCabe presented the Schematic Design Construction Cost Estimate Refresh Summary, dated 1/7/22 and attached. The SD Refresh indicates the project is approximately \$3 million over budget, keeping the design/estimate contingency and escalation percentages intact, 10% and 4% respectively. PM&C, Perkins&Will's cost estimator, also performed an SD Refresh and reached a similar conclusion.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. N. Nial asked what can be done to reduce the overage? <i>T. McCabe indicated being pro-active is a good first step, continuing to simplify the design and detailing, and performing value engineering in advance of completing the 2/28/22 Design Development pricing set to avoid redesign.</i> 2. D. Gove asked when will the GMP be executed? <i>T. McCabe indicated the full GMP will be developed for execution in January 2023. There will be several estimate milestones leading up to the full GMP: 1) the Design Development estimate in March, 2) the Early Site Package GMP Amendment in May, 3) the 60% Construction Documents estimate in June, 4) the Early Concrete and Steel GMP Amendment in August and 5) the 90% Construction Documents estimate in September.</i> 3. J. Macero expressed concern with removing scope from the project through the value engineering process now and then have the GMP come

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		<p>in under budget to a degree that those removed items could have been included in the scope.</p> <p>4. J. Craigie indicated that she believes no value engineering should occur on the building that would impact what was represented to the voters and the school building should have priority over the site work in any value engineering effort.</p> <p>5. N. Nial indicated she believes the building should have priority over site work in any value engineering effort.</p> <p>6. R. Parker asked if there is any Covid related MSBA or Federal funding that can be applied to the project since the material unit rate increases are driven in part by Covid. <i>J. Seeley indicated that there is no additional MSBA funding due to Covid for projects. D. Sheehan will review any Federal programs for Covid funds that may be applied to the project.</i></p> <p>7. M. Christie reviewed that the Co-Chairs have appointed an Ad Hoc VE Subcommittee comprised of the Co-Chairs, D. Sheehan, J. Macero, D. Gove, S. O'Neill, P. Ryder, J. Craigie and D. Pignone to review and determine what the next steps are to bring to the Committee. No decisions will be made by the Subcommittee, all decisions will be made by the Committee. The first meeting of the Ad Hoc VE Subcommittee is 1/12/22. The SD Drawings, SD Project Manual, Consigli's and PM&C's SD Refresh estimates, the SD VE Logs and the 6/16/21 and 6/21/21 SSBC meeting minutes have been forwarded to the Ad Hoc VE Subcommittee for review.</p> <p>8. N. Nial asked if she can be on the Ad Hoc VE Subcommittee. <i>M. Christie and D. Bois agreed, J. Seeley to add N. Nial to the meeting invite.</i></p> <p>9. J. Thomson asked if new value engineering items will be developed for review, in addition to the SD non-accepted value engineering items? <i>M. Christie indicated yes, that is the intent.</i></p>
38.22	J. Seeley	<p>Subcommittee Updates</p> <p>1. J. Seeley reviewed the 1/3/22 Green Building Initiatives Meeting Minutes, attached.</p> <p style="padding-left: 40px;">a. A. Lannie indicated 9 PV Vendors have downloaded the RFP to date. The Pre-Bid briefing is scheduled for 1/14/22.</p> <p>2. J. Seeley reviewed the updated Working Groups and Subcommittees Listing, attached.</p>

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		<p>a. D. Bois indicated a subset of the Construction Subcommittee should work with Consigli and Perkins&Will on Construction Logistics and Phasing. <i>J. Seeley to schedule a meeting of the Construction Subcommittee to decide on the subset group.</i></p> <p>b. R. Parker asked that the full Committee be provided an opportunity to volunteer for the Interiors Subcommittee once established.</p>
38.23	Record	Committee Questions - none
38.24	Record	Old or New Business - none
38.25	Record	Public Comment – none
38.26	Record	Next SSBC Meeting: January 24, 2022 at 7:00 pm.
38.27	Record	A Motion was made by S. Iovanni and seconded by R. Parker to adjourn the meeting. No discussion, motion passed unanimous by roll call vote.

Attachments: Agenda, Budget Status Report, Warrant No. 20, Local Permitting Schedule, Schematic Design Construction Cost Estimate Refresh Summary, 1/3/22 Green Building Initiatives Meeting Minutes, Powerpoint

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

Agenda

Project: New Stoneham High School
Re: School Building Committee Meeting
Prepared by: Joel Seeley
Location: Remote Participation
Distribution: Attendees (MF)

Project No.: 20033
Meeting Date: 1/10/2022
Meeting Time: 7:00 PM
Meeting No. 38

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1. Call to Order
 2. Approval of Minutes
 3. Approval of Invoices and Commitments
 4. Schedule and Budget Update
 5. Design Update
 6. Geotechnical, Geothermal and GeoEnvironmental Update
 7. Construction Logistics Update
 8. SD Cost Estimate Refresh Review
 9. Subcommittee Updates
 10. New or Old Business
 11. Committee Questions
 12. Public Comments
 13. Next Meeting: January 24, 2022
 14. Adjourn

Join Go-To-Meeting: <https://global.gotomeeting.com/join/243874493>
Dial-in: [+1 \(872\) 240-3311](tel:+18722403311) **Access Code:** 243-874-493

Symmes Maini & McKee Associates, Inc. (SMMA) Stoneham Public School District Stoneham High School		Original PFA Budget 08/18/2021	Budget Revisions	Current Budget	Contract Amount	Expended	(B - C) Remaining Contract Amount	Additional Projected Amount	(A - B - E) Budget Balance
BUDGET / Summary as of: 12/31/2021									
Propay code #	Name			A	B	C	D	E	
	Feasibility Study Agreement								
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	34,551.36	12,500.00	-	3,755.50
	Feasibility Study Agreement Subtotal	\$ 750,000.00	\$ -	\$ 750,000.00	\$ 746,244.50	\$ 707,285.63	\$ 38,958.87	\$ -	\$ 3,755.50
	Administration								
0101-0000	Legal Fees	120,000.00		120,000.00	-	-	-	-	120,000.00
	Owner's Project Manager								
0102-0400	> Design Development	380,000.00		380,000.00	380,000.00	40,000.00	340,000.00	-	-
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	-	-	-	-	20,000.00
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
	Administration Subtotal	\$ 5,545,100.00	\$ -	\$ 5,545,100.00	\$ 4,605,100.00	\$ 40,000.00	\$ 4,565,100.00	\$ -	\$ 940,000.00
	Architecture and Engineering								
	Basic Services								
0201-0400	> Design Development	3,233,800.00		3,233,800.00	3,233,800.00	690,000.00	2,543,800.00	-	-
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	-		-	-	-	-	-	-
	BASIC SERVICES SUBTOTAL	\$ 13,640,000.00	\$ -	\$ 13,640,000.00	\$ 13,640,000.00	\$ 690,000.00	\$ 12,950,000.00	\$ -	\$ -
	Reimbursable Services								
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	-	-
	Architectural and Engineering Subtotal	\$ 15,260,000.00	\$ -	\$ 15,260,000.00	\$ 14,221,559.00	\$ 690,000.00	\$ 13,531,559.00	\$ -	\$ 1,038,441.00

Symmes Maini & McKee Associates, Inc. (SMMA) Stoneham Public School District Stoneham High School		Original PFA Budget 08/18/2021	Budget Revisions	Current Budget	Contract Amount	Expended	(B - C) Remaining Contract Amount	Additional Projected Amount	(A - B - E) Budget Balance
BUDGET / Summary as of: 12/31/2021									
0501-0000	<u>Pre-Construction Services</u>	\$ 258,528.00		258,528.00	258,528.00	18,466.00	240,062.00	-	\$ -
0502-0001	Construction Budget	\$ 153,418,660.00		\$ 153,418,660.00	\$ -	\$ -	\$ -	\$ -	\$ 153,418,660.00
CSI Code	CSI Description								
Construction Budget Subtotal		\$ 153,418,660.00	\$ -	\$ 153,418,660.00	\$ -	\$ -	\$ -	\$ -	\$ 153,418,660.00
<u>Alternates</u>									
0506-0000	<u>Alternates</u>	-		-	-	-	-	-	-
Alternates Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0600-0000	<u>Miscellaneous Project Costs</u>								
0601-0000	<u>Utility Company Fees</u>	200,000.00		200,000.00	-	-	-	-	200,000.00
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 & Moving)</u>	360,000.00		360,000.00	-	-	-	-	360,000.00
0600-0000	Miscellaneous Project Costs Subtotal	\$ 1,120,000.00	\$ -	\$ 1,120,000.00	\$ -	\$ -	\$ -	\$ -	\$ 1,120,000.00
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
Furnishings and Equipment Subtotal		\$ 2,502,000.00	\$ -	\$ 2,502,000.00	\$ -	\$ -	\$ -	\$ -	\$ 2,502,000.00
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
Contingency Subtotal		\$ 10,739,306.00	\$ -	\$ 10,739,306.00	\$ -	\$ -	\$ -	\$ -	\$ 10,739,306.00
Total Project Budget		\$ 189,593,594.00	\$ -	\$ 189,593,594.00	\$ 19,831,431.50	\$ 1,437,285.63	\$ 18,135,617.87	\$ -	\$ 169,762,162.50

Warrant No. 20

Project: Stoneham High School, Stoneham, Massachusetts Project No.: 20033
 Prepared by: Joel G. Seeley, AIA Date: 1/10/2022

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>
Stoneham Independent	Legal Ad 220037	1/6/2022	\$ 260.00	0103-0000	\$ 19,740.00
Sustainable Energy Advantage, LLC	5494	11/30/2021	\$ 4,243.87	0004-0000	\$ 756.13
Perkins & Will	0187676	12/22/2021	\$ 230,000.00	0201-0400	\$ 2,313,800.00
SMMA	56219	1/3/2022	\$ 50,000.00	0102-0400	\$ 290,000.00
Consigli Construction Co.	PreCon 3	12/31/2021	\$ 18,466.00	0501-0000	\$ 221,596.00
		Total	\$ 302,969.87		

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 _____

LEGAL NOTICE



TOWN OF STONEHAM

The **Town of Stoneham**, the Awarding Authority acting by its Town Administrator, invites sealed bids for a 3rd party owned solar array for the new net zero High School, in accordance with the documents prepared by **Sustainable Energy Advantage, LLC** dated **December 2021**.

Sealed bids, with the designation "**Stoneham High School**" shall be mailed or delivered to Ms. April Lanni, Procurement Officer, 35 Central Street, Stoneham MA 02180 until 4:00PM EST on February 18, 2022. Sealed bid must consist of one (1) original accompanied by one (1) electronic version in PDF format, on a thumb drive, of bidder's non-pricing and pricing proposal.

It is the desire of the Town and the High School to site a Solar w/ Storage System to achieve cost savings and reduced carbon emissions. This RFP is being issued to allow the Town to evaluate multiple options and determine the Solar w/ Storage System configuration and financial arrangements that best meet the Town and the High School's goals.

Bid Documents can be obtained in electronic form via the Town of Stoneham website as follows:

Go to www.stoneham-ma.gov;

Click on *Government, Procurement, and Current Bids*;

Click on "**Solar for Net Zero Stoneham High School**"; enter in your first and last name, phone number and email address – submit form. This will allow the Town to contact bidders if there is any addenda / update to the Bid Package.

Neither the Owner nor the Consultant will be responsible for full or partial sets of Bidding Documents, including Addenda if any, obtained from other sources.

Pre-Proposal Conference – An optional Pre-Proposal site walk through will be held on January 14, 2022 at 9:00 am EST, at the Stoneham High School located at 149 Franklin Street, Stoneham, MA. Please meet outside of the front entrance. A **mandatory** pre-bid virtual meeting will be held on January 14, 2022, at 1:00 pm EST. This meeting will utilize the GoToMeeting platform; meeting login information will be posted and emailed to all parties on record of downloading the RFP by January 13, 2022 at 5:00 PM.

All Requests for Information or questions about the meaning or intent of the Bid Documents must be submitted in writing to Ms. April Lanni alanni@stoneham-ma.gov and Tom Michelman tmichelman@seadvantage.com by January 21, 2022 at 5:00pm

The Town reserves the right to waive any informalities, to accept or reject, in whole or in part any or all bids, or take whatever other action may be deemed to be in the best interest of the Town.

Sustainable Energy Advantage, LLC

161 Worcester Rd, Suite 503

Framingham, MA 01701

Phone # 508-665-5855 Fax # 508-665-5858

bgrace@seadvantage.com www.seadvantage.com

Invoice

Date	Invoice #
11/30/2021	5494

Bill To
Town of Stoneham Dennis Sheehan 35 Central Street Stoneham, MA 02180

Customer Contract ID	SEA Client Job Code	Terms	Due Date
09.27.21 ConsultAgmt/SOW#1	259.1.1	30 Days	12/30/2021
Description	Qty	Rate	Amount
Stoneham High School Solar RFP			
Task 1: Data Collection and RFP Prose Customization for a Third-party Owned Project Tom Michelman, Sr. Director, hours for November 2021 per attached timesheet.	6.33	283.00	1,791.39
Task 2: Assist w/Solicitation and Signing of Agreement to Host a Third-Party Owned Project Tom Michelman, Sr. Director, hours for November 2021 per attached timesheet.	1.21	283.00	342.43
Stephan Wollenburg, Sr. Consultant, hours for November 2021 per attached timesheet.	1.83	235.00	430.05
Sahil Bahkt, Analyst, hours for November 2021 per attached timesheet.	14	120.00	1,680.00
Thank you for your business!		Total	\$4,243.87



Time Entries by Project

Time Entry Date: From Monday, November 1, 2021 to Tuesday, November 30, 2021

Approval Status	Date	Hours Worked	Description
Project: Stoneham, Town of, 259.1.1, Stoneham High School Solar RFP			
Client: Stoneham, Town of			
Description:			
Employee: Bakht, Sahil			
Task: Task 2: Implement RFP			
Approved	11/23/2021	1.00	Stoneham price bid meeting with tom and stephan
Approved	11/25/2021	1.00	Stoneham structure logic building
Approved	11/26/2021	2.00	Stoneham logic building for CPS
Approved	11/29/2021	4.50	Stoneham Bid Sheet model
Approved	11/30/2021	5.50	Stoneham Bid Sheet planning model updates and meeting with Stephan
	Task Total	14.00	
	Employee Total	14.00	
Employee: Michelman, Tom			
Task: Task 1: Collect Information and Draft RFP			
Approved	11/15/2021	0.90	Setup job management and coordinate with team
Approved	11/16/2021	0.28	Draft data request
Approved	11/17/2021	0.53	continue revising RFP
Approved	11/17/2021	1.33	Coordinate w/ Dennis on meetings and committee., then revisit draft generic RFP and starting customizing / updating
Approved	11/17/2021	1.00	Revise RFP and responde to Silas
Approved	11/22/2021	1.42	SEA introduction to HS Energy group call and follow-up email
Approved	11/22/2021	0.70	Prep for Kick-off call /
Approved	11/23/2021	0.17	Call w/ April Lanni requesting approval to Start on Task 2 Price Bid Form
	Task Total	6.33	
Task: Task 2: Implement RFP			
Approved	11/16/2021	0.28	Continue drafting data request and pre-amble
Approved	11/23/2021	0.93	Work on approach of updating price bid form for Stoneham
	Task Total	1.21	
	Employee Total	7.54	
Employee: Wollenburg, Stephan			
Task: Task 2: Implement RFP			
Approved	11/23/2021	1.08	Reviewing draft bid form, meeting w/ TSM and SMB on required updates to bid form
Approved	11/30/2021	0.75	working on bid evaluation form, call w/ SMB on bid evaluation form
	Task Total	1.83	
	Employee Total	1.83	
	Project Total	23.37	
	Grand Total	23.37	

Perkins&Will

Invoice

December 22, 2021

Project No: 153010.000

Invoice No: 0187676

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

Stoneham High School - FS-Closeout

Professional Services: through December 31, 2021

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	0187676
Amendment #8	0.00	0.00	0.00	0.00	0.00	0.00	
Geothermal - McPhail	55,000.00	64.7423	35,608.28	35,608.28	0.00	0.00	
Amendment #9	0.00	0.00	0.00	0.00	0.00	0.00	
Survey - Nitsch	23,760.00	100.00	23,760.00	23,760.00	0.00	0.00	
Amendment #10	0.00	0.00	0.00	0.00	0.00	0.00	
Walk Through	3,800.00	100.00	3,800.00	3,800.00	0.00	0.00	
Amendment #11	0.00	0.00	0.00	0.00	0.00	0.00	
Design Documents	3,233,800.00	28.4495	920,000.00	690,000.00	230,000.00	230,000.00	
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	0.00	0.00	0.00	0.00	0.00	
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	0.00	0.00	0.00	0.00	0.00	
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	
Total Fee	14,819,552.14		1,491,533.92	1,261,533.92	230,000.00	230,000.00	

Total Fee 230,000.00

Total this Invoice \$230,000.00

Outstanding Invoices

Number	Date	Balance
0186954	11/23/2021	690,000.00
Total		690,000.00

Total Now Due \$920,000.00

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

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



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

January 3, 2022
 Project No: 20033.00
 Invoice No: 0056219

Project 20033.00 Stoneham High School OPM Services
Professional Services from November 27, 2021 to December 24, 2021

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	23.6842	90,000.00	40,000.00	50,000.00
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
Total Fee	4,710,100.00		195,000.00	145,000.00	50,000.00
Total Fee					50,000.00
Total this Invoice					\$50,000.00

Outstanding Invoices

Number	Date	Balance
0056043	11/24/2021	40,000.00
Total		40,000.00

Billings to Date

	Current	Prior	Total
Fee	50,000.00	145,000.00	195,000.00
Expense	0.00	614.08	614.08
Totals	50,000.00	145,614.08	195,614.08

Authorized By: Joel Seeley

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF ____ PAGES

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

PROJECT: Stoneham High School

Invoice: 3
Draw: 2515-03
Application date: 12/31/2021
Period ending date: 12/31/2021

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 (Column G on G703)	\$61,932.00
5. RETAINAGE:	
a. 0.00 % of Completed Work (Column D + E on G703)	\$ 0.00
b. 0.00 % of Stored Material (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 (Line 4 Less Line 5 Total)	\$61,932.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 From Prior CERTIFICATE)	\$43,466.00
8. CURRENT PAYMENT DUE (Line 6 Less Line 7)	\$18,466.00
9. BALANCE TO FINISH INCLUDING RETAINAGE (Line 3 Less Line 6)	\$221,596.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month		
TOTALS		
NET CHANGES by Change Order		

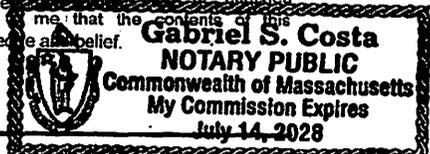
The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates 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: 1/3/22
State of: Ma County of: Worcester

On this the 3 day of January 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: 7/14/2028



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: 1.4.2021
By: [Signature] Date: _____

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 G703

Detail Page 2 of 2 Pages

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

Project:
2515-00 / Stoneham High School

Invoice: **3**
Draw: **2515-03**
Application date: **12/31/2021**
Period ending date: **12/31/2021**

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

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (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	18,466.00	18,466.00		36,932.00	14.29	221,596.00	
GRAND TOTALS		283,528.00	43,466.00	18,466.00		61,932.00	21.84	221,596.00	

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

September 8, 2020
 Updated January 10, 2022

New Stoneham High School
 Project Schedule
 Permitting

PROJECT MANAGEMENT



ID	Task Name	Duration	Start	Finish
1	MSBA PREREQUISITES	158 days	3/22/2019	10/30/2019
4	RETAIN OPM	33 days	1/22/2020	3/9/2020
10	RETAIN DESIGNER	95 days	2/12/2020	6/23/2020
20	FEASIBILITY STUDY (FS)	156 days	7/8/2020	2/11/2021
63	CONSTRUCTION MANAGER (CM)	99 days	10/13/2020	2/26/2021
74	SCHEMATIC DESIGN (SD)	198 days	1/4/2021	10/6/2021
117	LOCAL APPROPRIATION	50 days	10/4/2021	12/10/2021
122	PHOTOVOLTAIC VENDOR	214 days	6/15/2021	4/8/2022
129	DESIGN DEVELOPMENT	109 days	11/8/2021	4/8/2022
142	SITE PERMITTING	167 days	11/8/2021	6/28/2022
143	Stoneham Conservation Commission - ANRAD (Not Required - Delineation reviewed with NOI)	42 days	11/8/2021	1/4/2022
150	Stoneham Conservation Commission - NOI	167 days	11/8/2021	6/28/2022
151	Prepare Application Documents	123 days	11/8/2021	4/27/2022
152	File Application	0 days	4/27/2022	4/27/2022
153	Hearing No. 1	0 days	5/2/2022	5/2/2022
154	Hearing No. 2	0 days	5/23/2022	5/23/2022
155	Conservation Commission Issue Order of Conditions	15 days	5/24/2022	6/13/2022
156	File at Registry	1 day	6/14/2022	6/14/2022
157	Appeal Period	10 days	6/15/2022	6/28/2022
158	Stoneham Select Board - Site Plan Approval (Not Required)	159 days	11/8/2021	6/16/2022
167	BUILDING PERMITTING	143 days	5/18/2022	12/2/2022
172	CONSTRUCTION DOCUMENTS	2000 days	3/18/2015	11/18/2022
193	PROCUREMENT	235 days	2/15/2022	1/9/2023
226	EARLY PACKAGES PROCUREMENT	54 days	5/18/2022	8/1/2022
235	CONSTRUCTION	763 days	6/28/2022	5/30/2025

STONEHAM HIGH SCHOOL

Building Committee Meeting



1.10.2022

AGENDA

- 1\ Typical Classrooms
- 2\ Classroom Exterior Elevation
- 3\ Classroom Lighting Strategy
- 4\ North Area Update
- 5\ Gym Layout Update



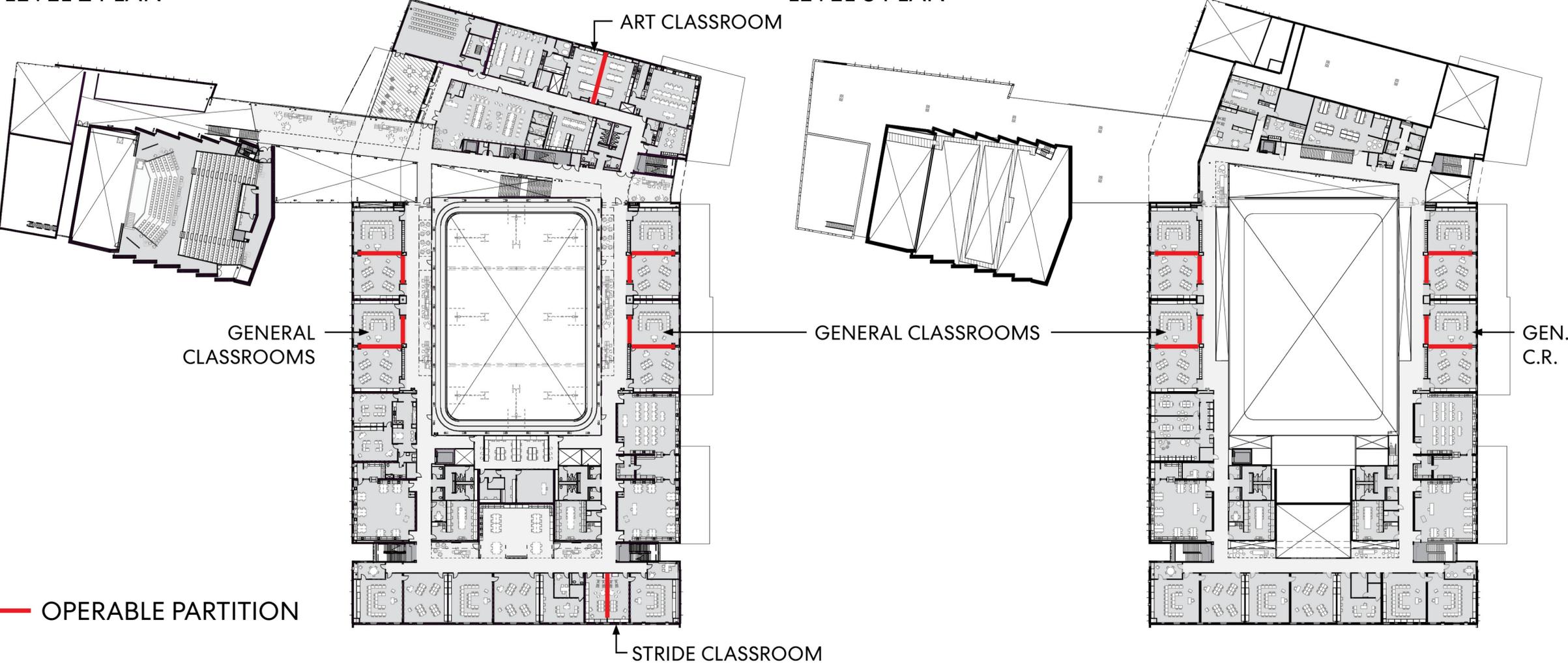
TYPICAL CLASSROOMS

Building Committee Meeting

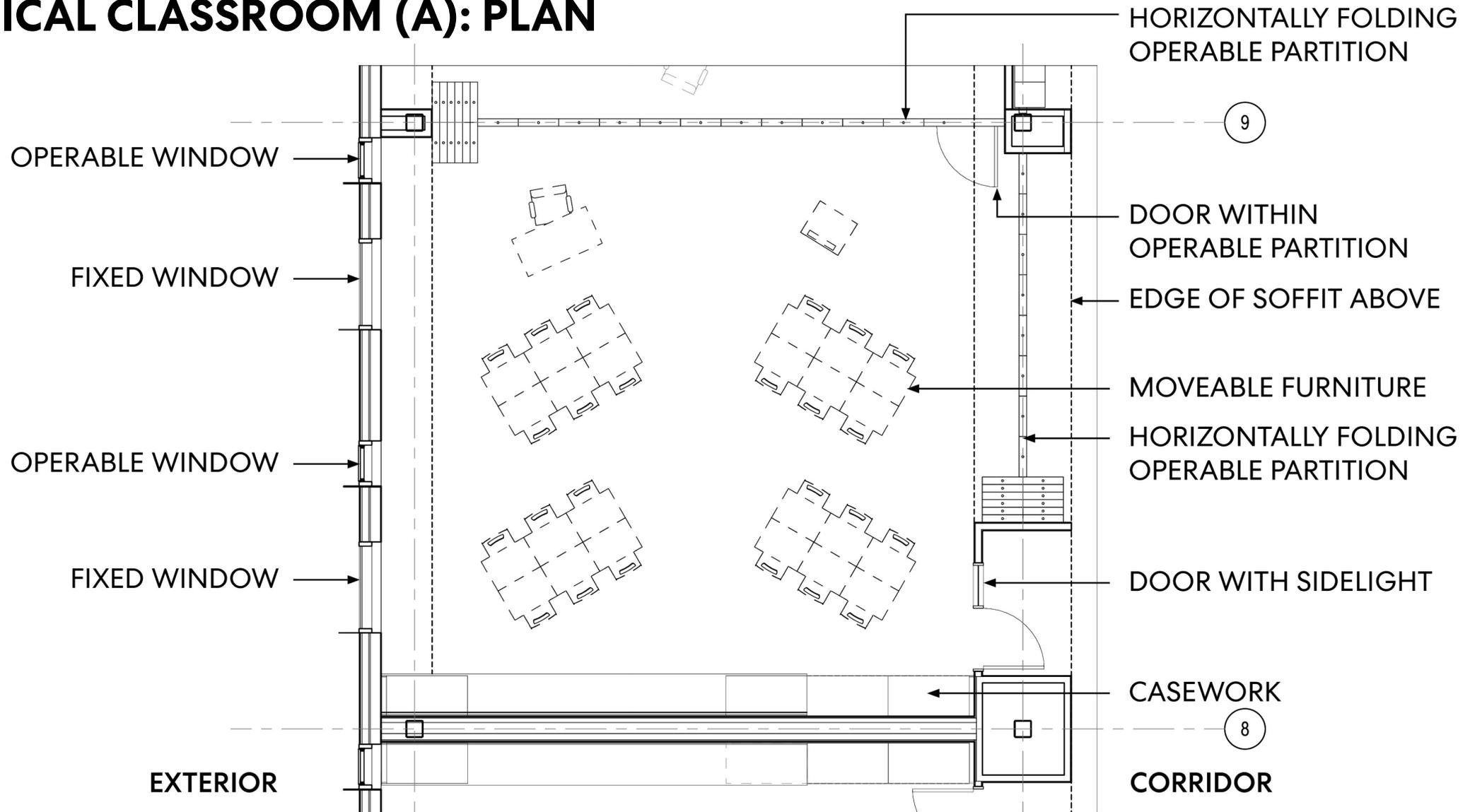
OPERABLE PARTITION REFERENCE PLANS

LEVEL 2 PLAN

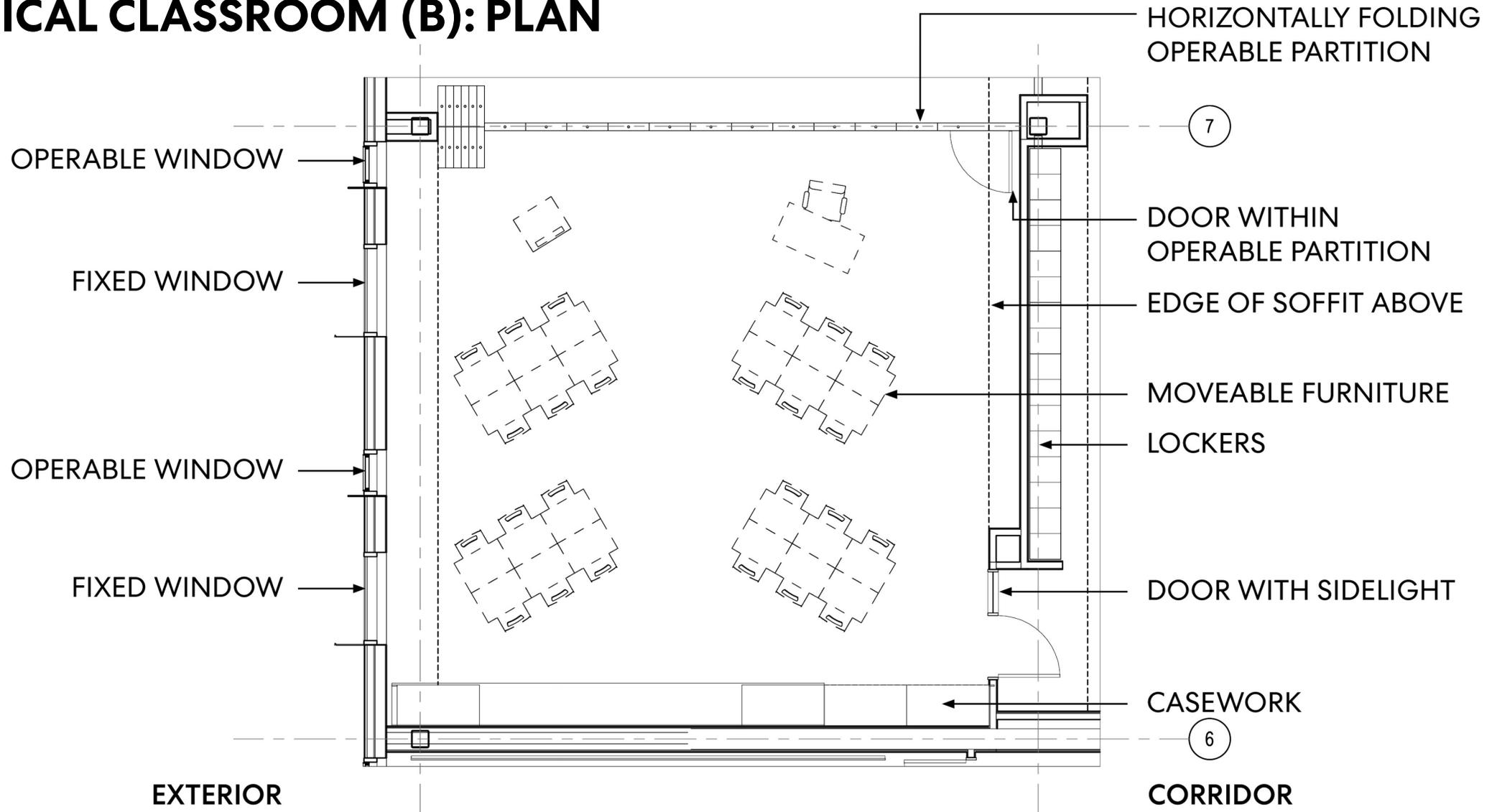
LEVEL 3 PLAN



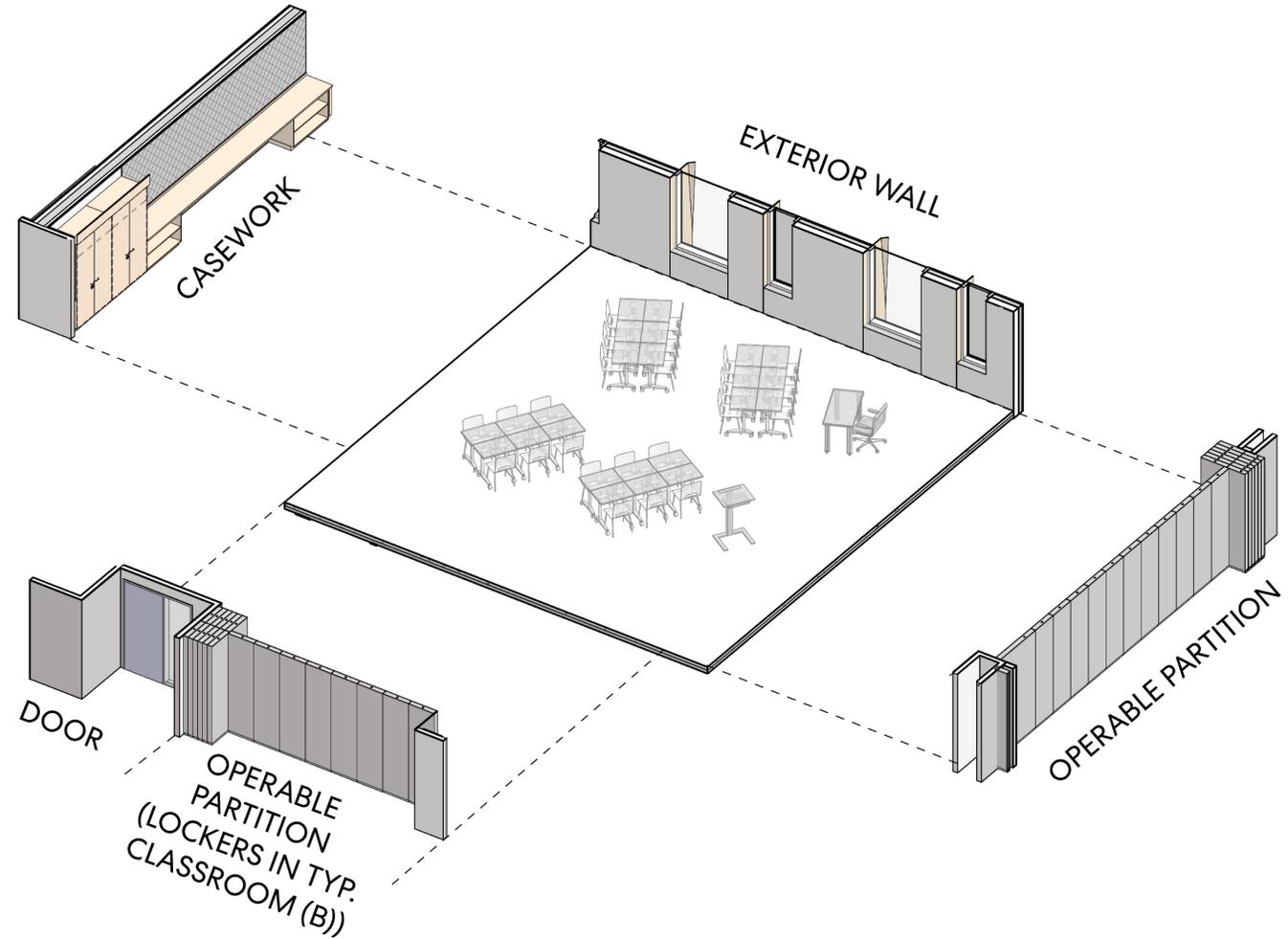
TYPICAL CLASSROOM (A): PLAN



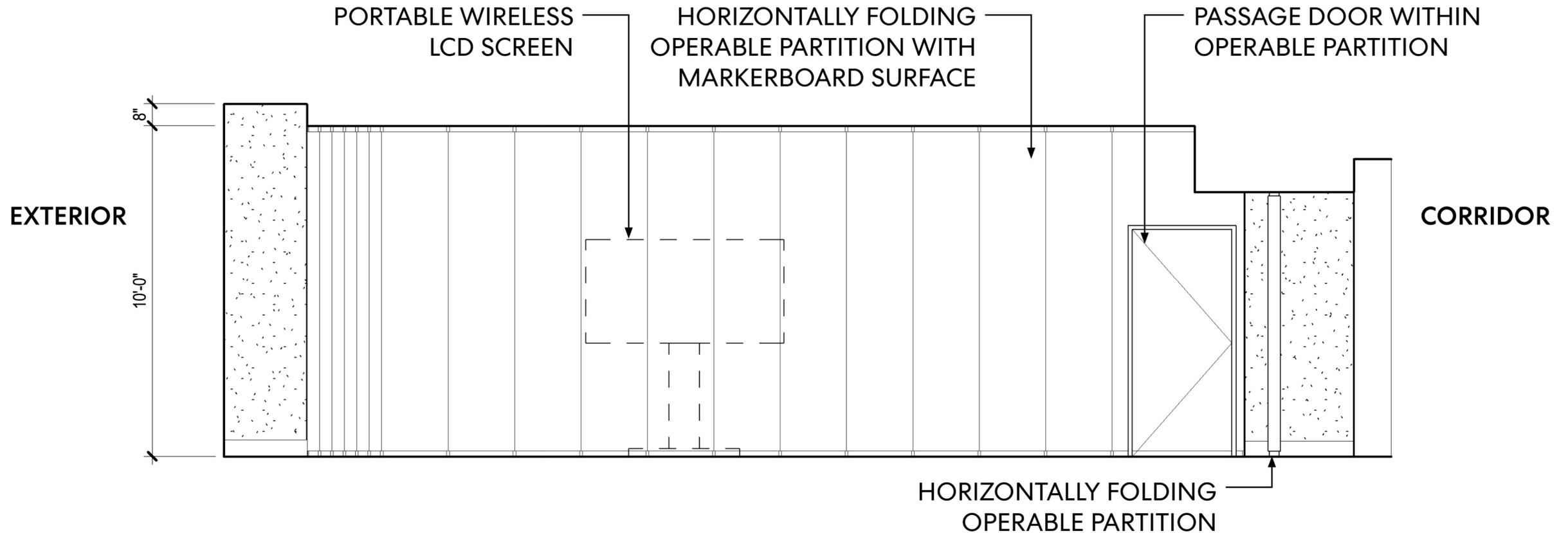
TYPICAL CLASSROOM (B): PLAN



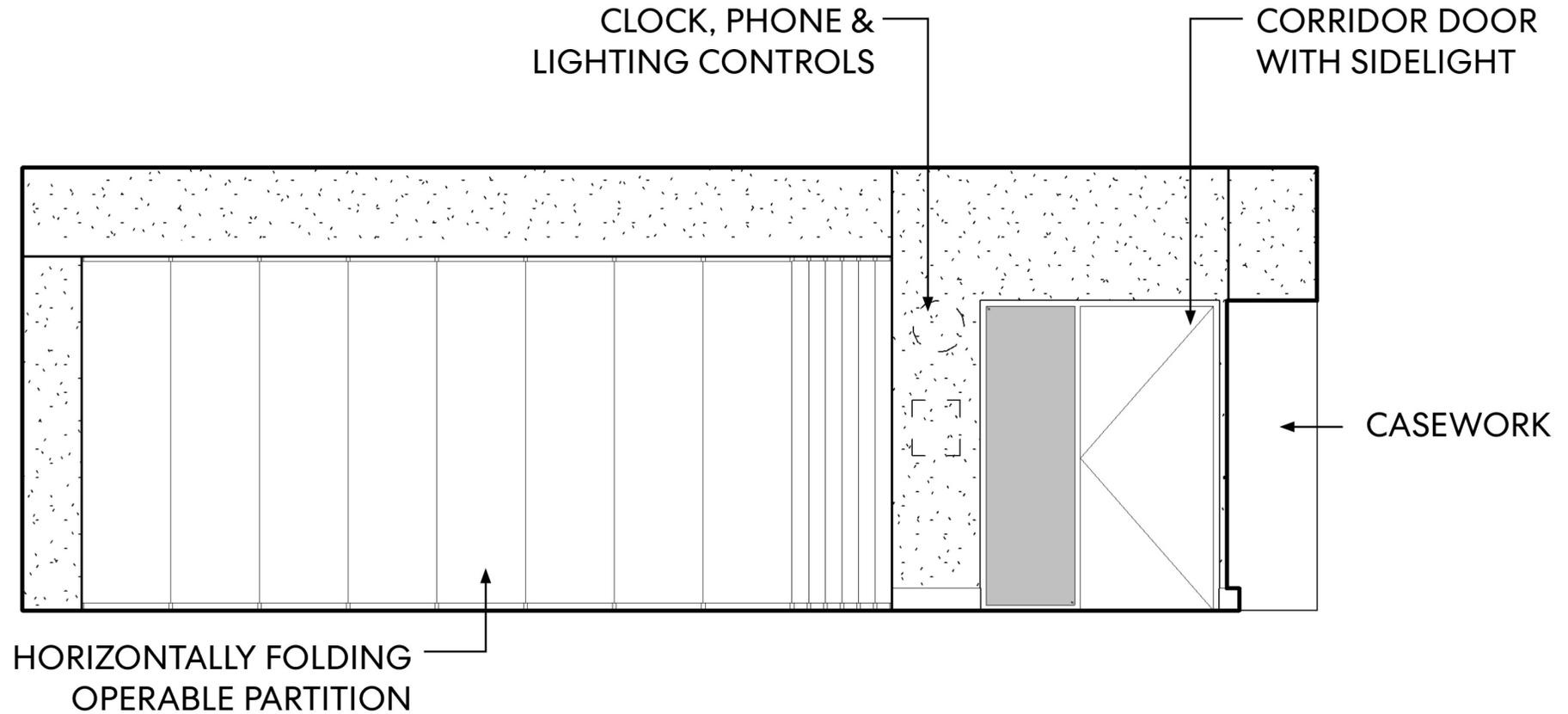
TYPICAL CLASSROOM AXON VIEW



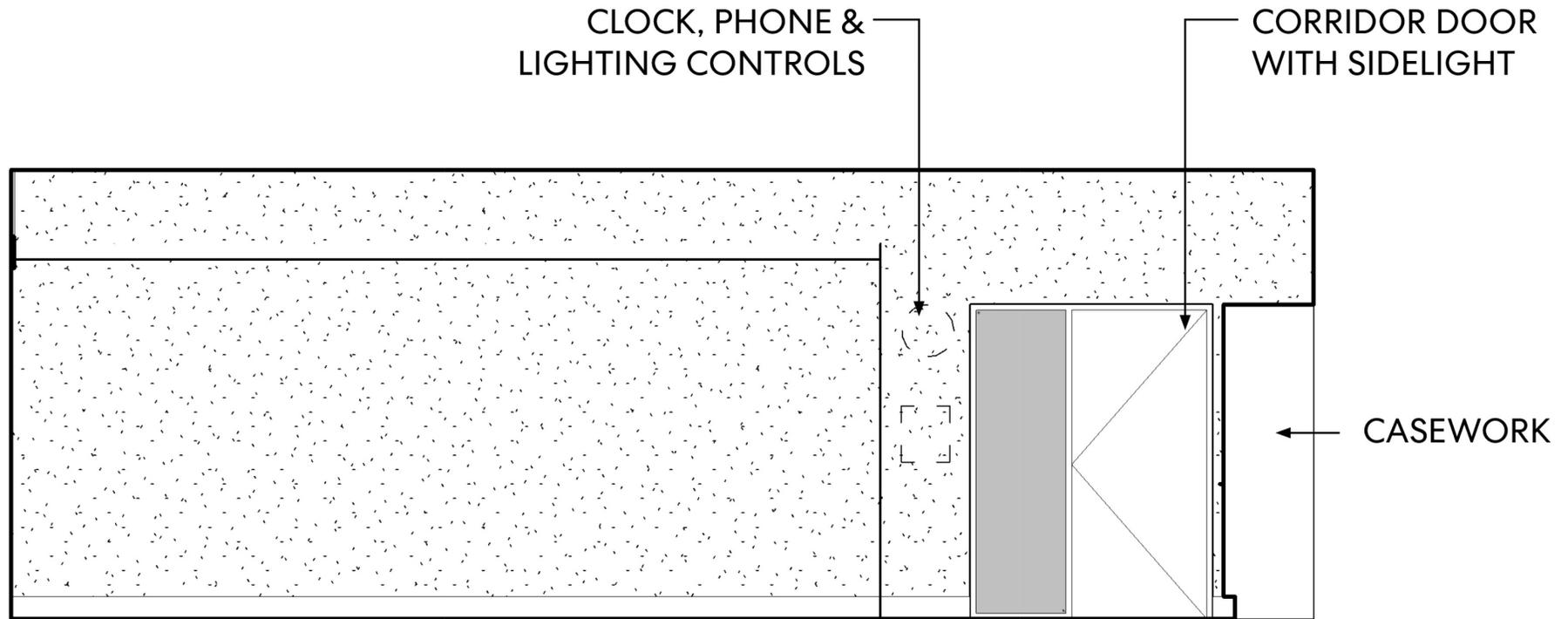
TYPICAL CLASSROOM ELEVATION: PRIMARY TEACHING WALL



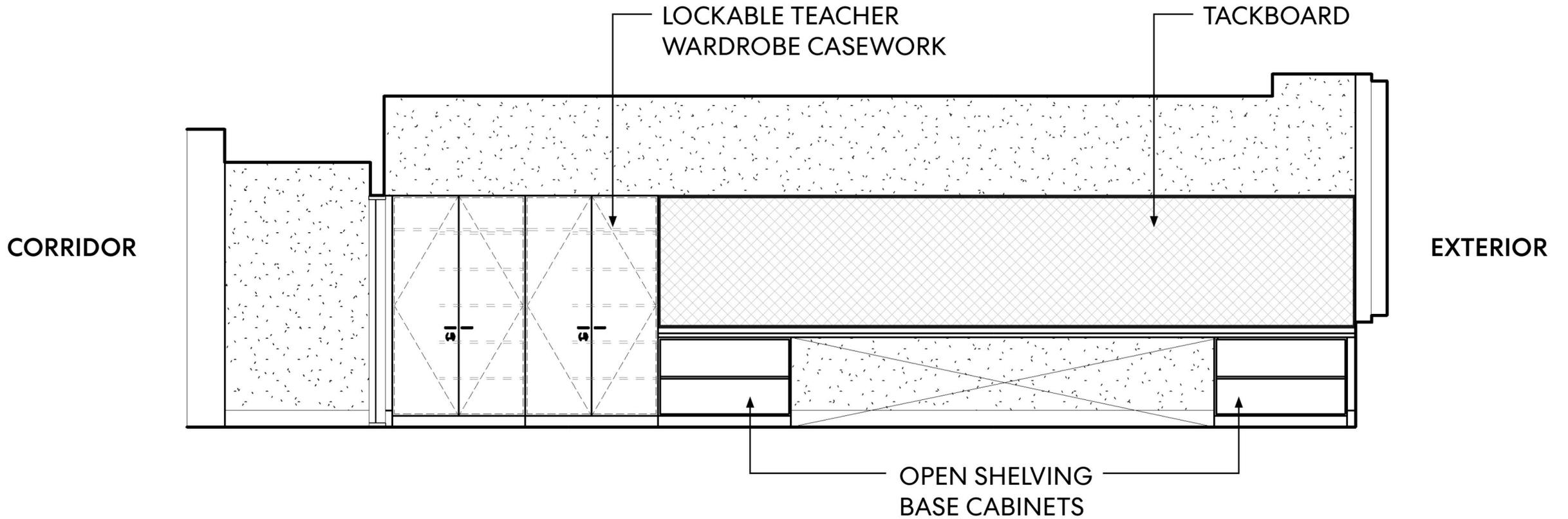
TYPICAL CLASSROOM (A) ELEVATION: CORRIDOR WALL



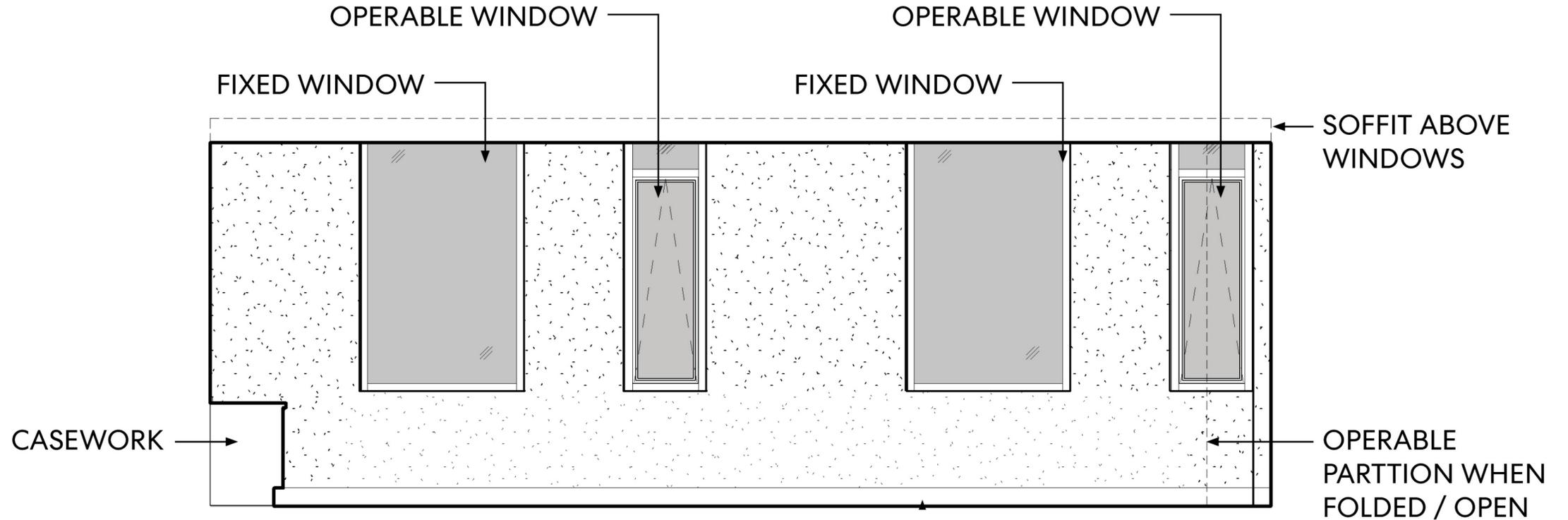
TYPICAL CLASSROOM (B) ELEVATION: CORRIDOR WALL



TYPICAL CLASSROOM ELEVATION: CASEWORK WALL



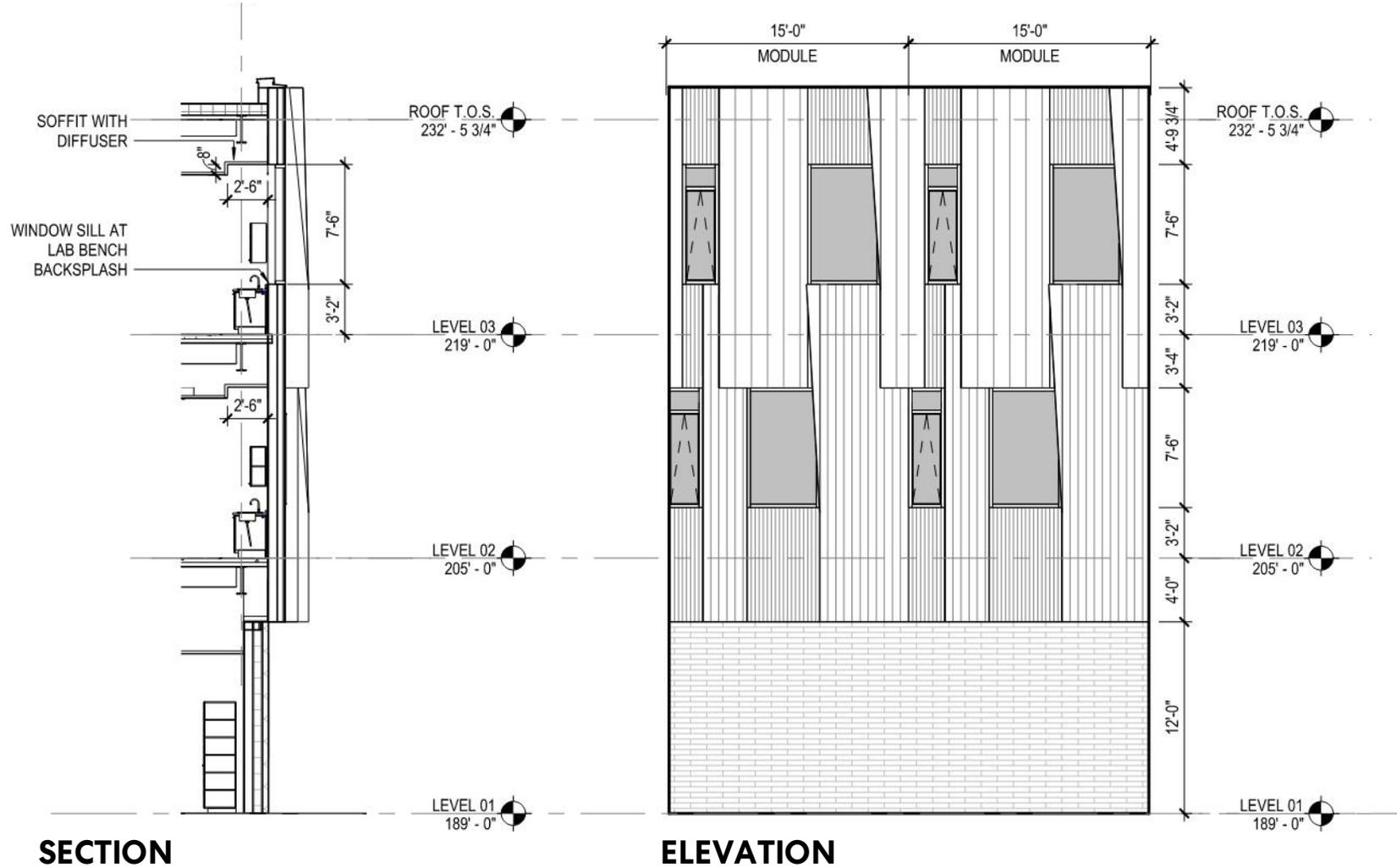
TYPICAL CLASSROOM ELEVATION: WINDOW WALL



TYPICAL CLASSROOM EXTERIOR ELEVATION

Building Committee Meeting

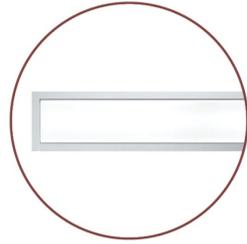
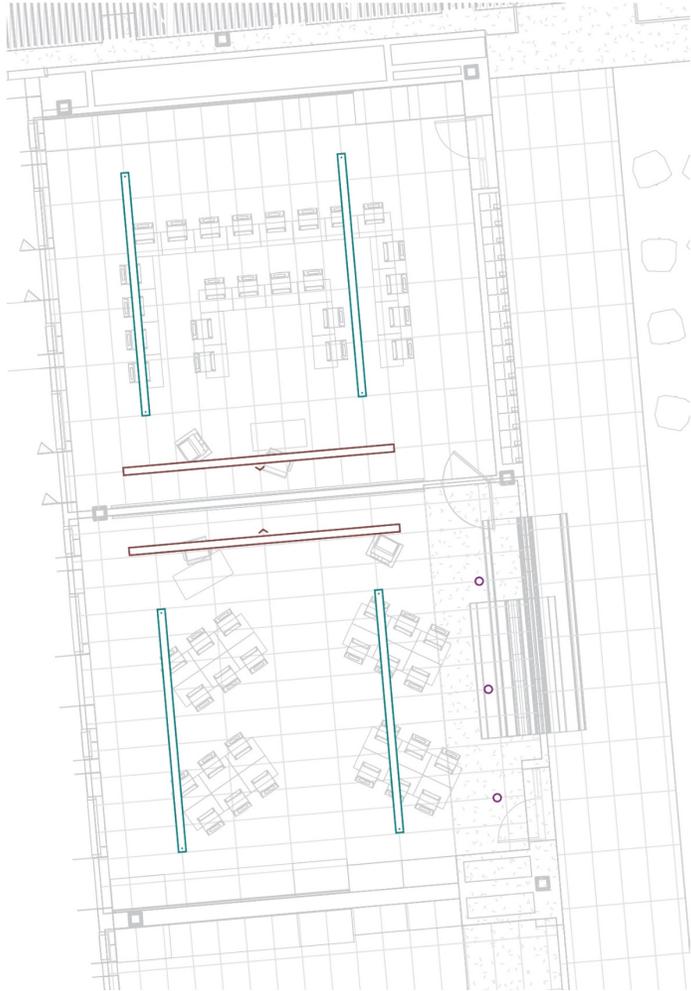
TYPICAL CLASSROOM EXTERIOR ELEVATION



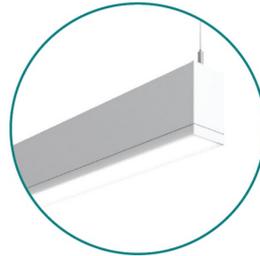
TYPICAL CLASSROOM LIGHTING STRATEGY

Building Committee Meeting

TYP. CLASSROOM LIGHTING: STRATEGY 1



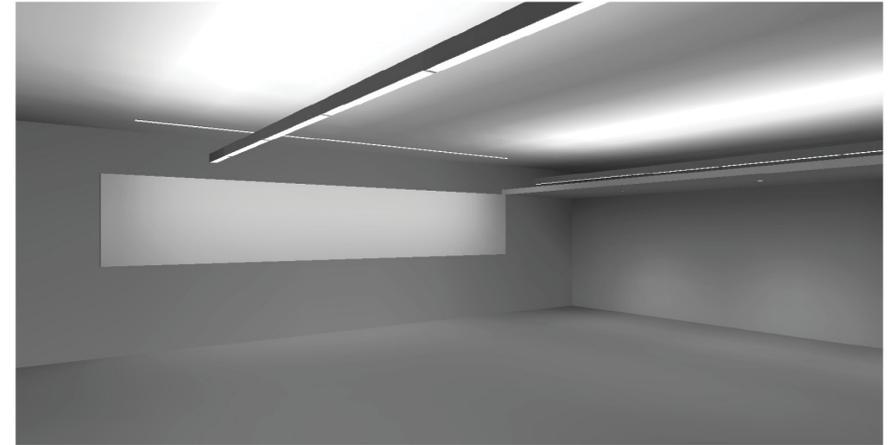
Recessed Wall Washer
750lm/ft @ 10'-0" AFF



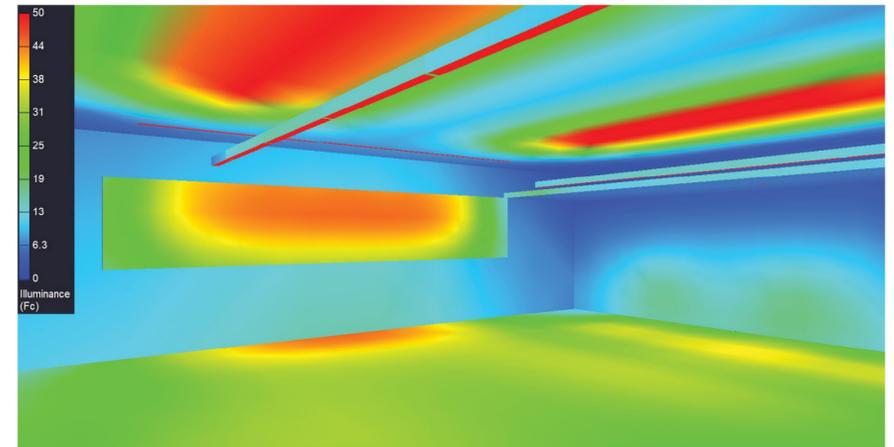
Suspended Linear Pendant
875lm/ft @ 8'-0" AFF



Recessed Downlight
1181lm @ 8'-0" AFF



Rendered Perspective



Pseudo Color Perspective

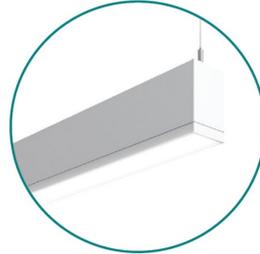
LIGHT OUTPUT: 33fc AVG

LIGHTING POWER DENSITY: 0.47 W/SF

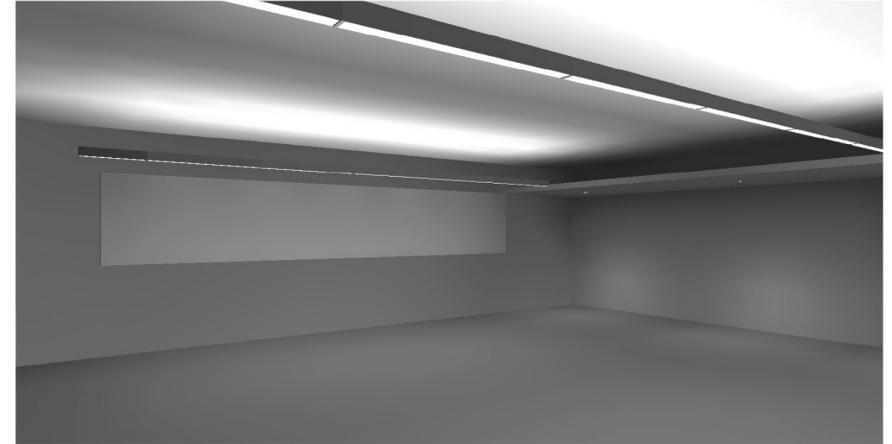
TYP. CLASSROOM LIGHTING: STRATEGY 2



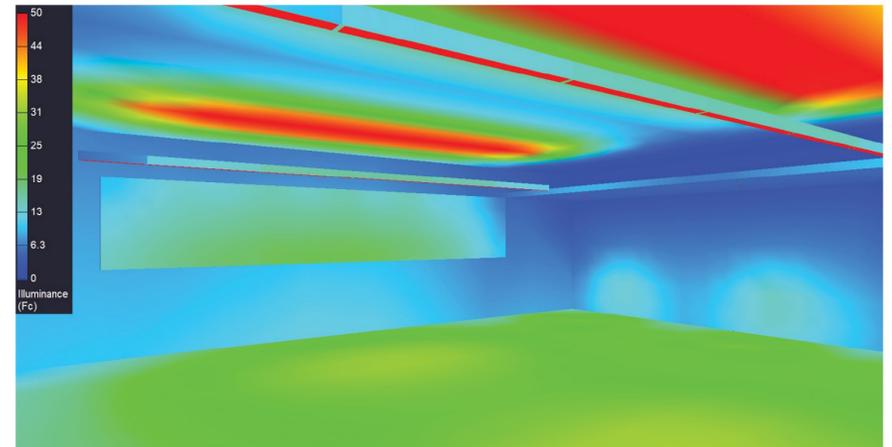
Recessed Round Downlight
1181lm @ 8'-0" AFF



Suspended Linear Pendant
875lm/ft @ 8'-0" AFF



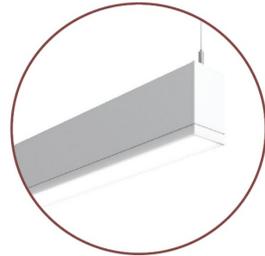
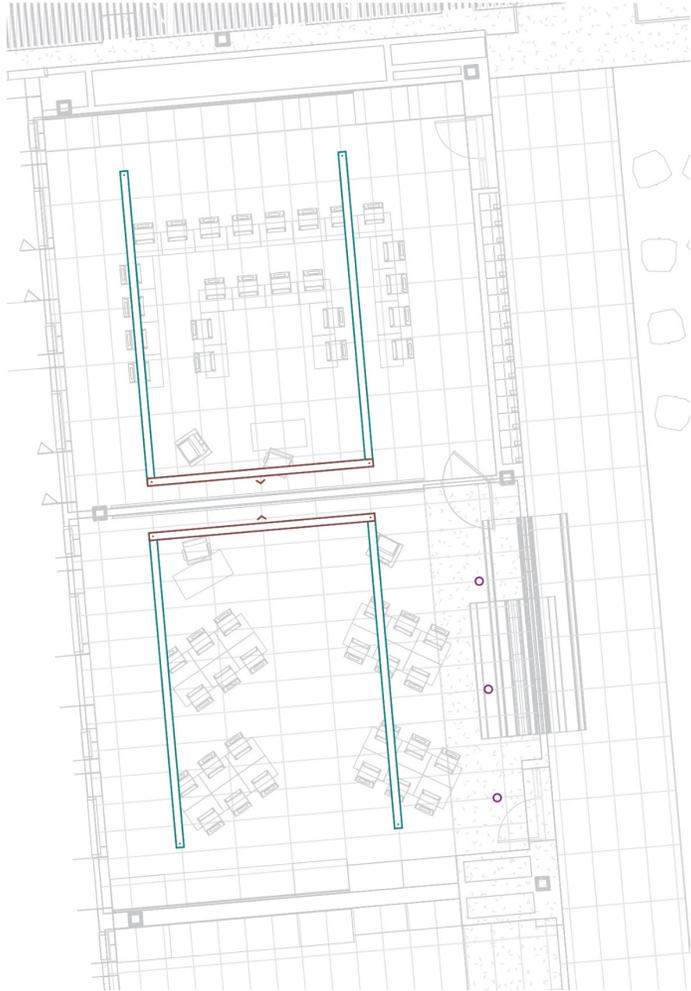
Rendered Perspective



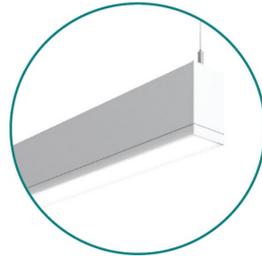
Pseudo Color Perspective

LIGHT OUTPUT: 30fc AVG
LIGHTING POWER DENSITY: 0.38 W/SF

TYP. CLASSROOM LIGHTING: STRATEGY 3



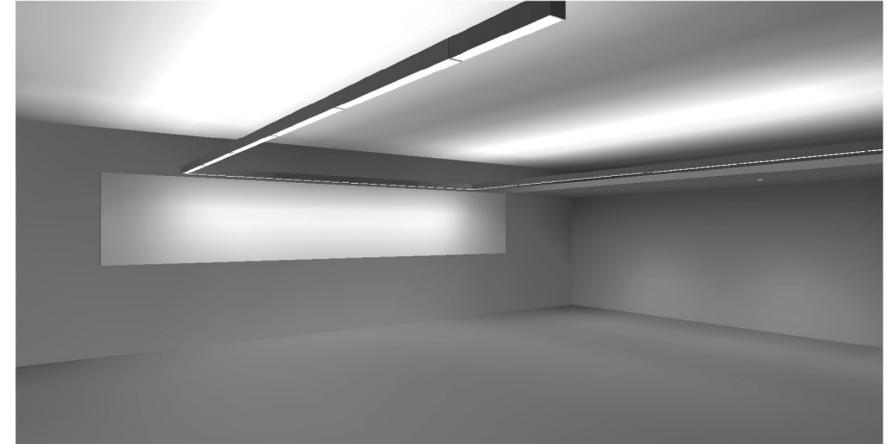
Suspended Linear Pendant
550lm/ft @ 8'-0" AFF



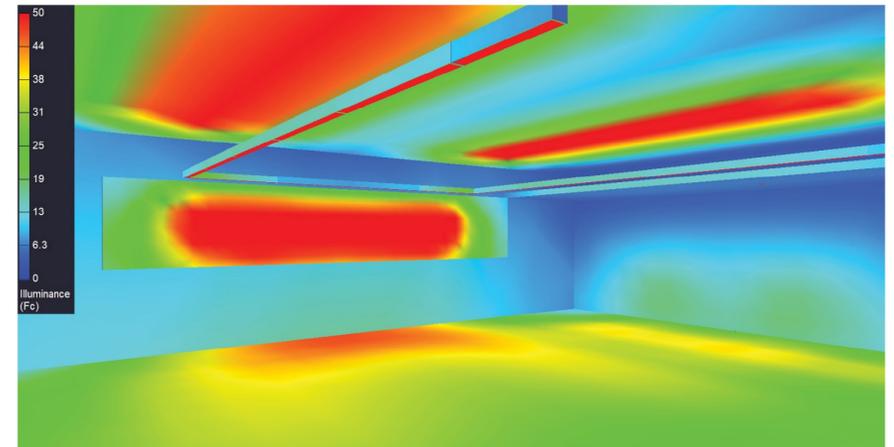
Suspended Linear Pendant
875lm/ft @ 8'-0" AFF



Recessed Downlight
1181lm @ 8'-0" AFF



Rendered Perspective

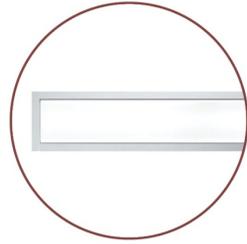


Pseudo Color Perspective

LIGHT OUTPUT: 33fc AVG

LIGHTING POWER DENSITY: 0.48 W/SF

TYP. CLASSROOM LIGHTING: STRATEGY 4



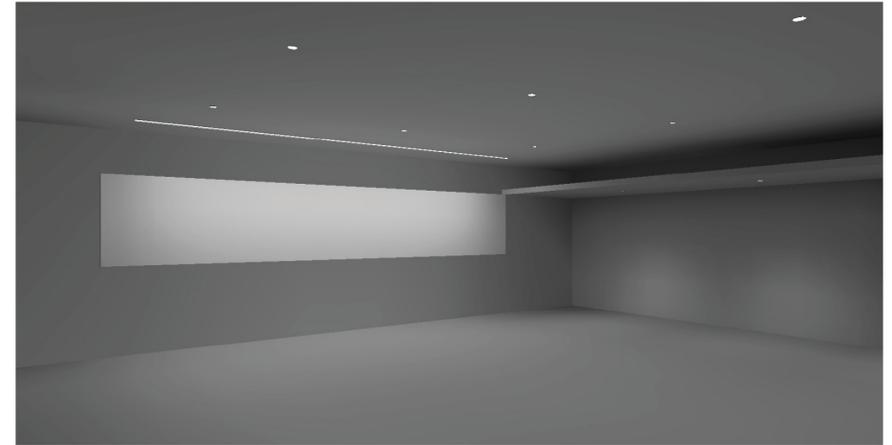
Recessed Wall Washer
750lm/ft @ 10'-0" AFF



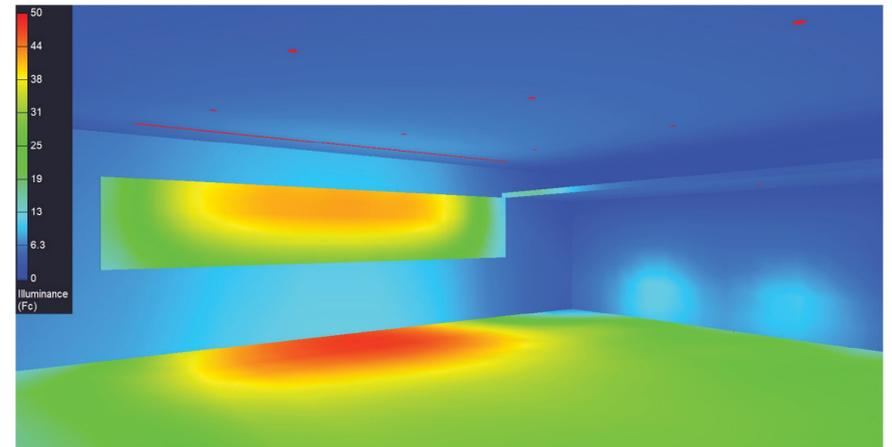
Recessed Round Downlight
1575lm @ 10'-0" AFF



Recessed Round Downlight
1181lm @ 8'-0" AFF



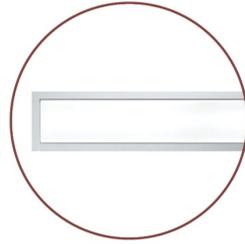
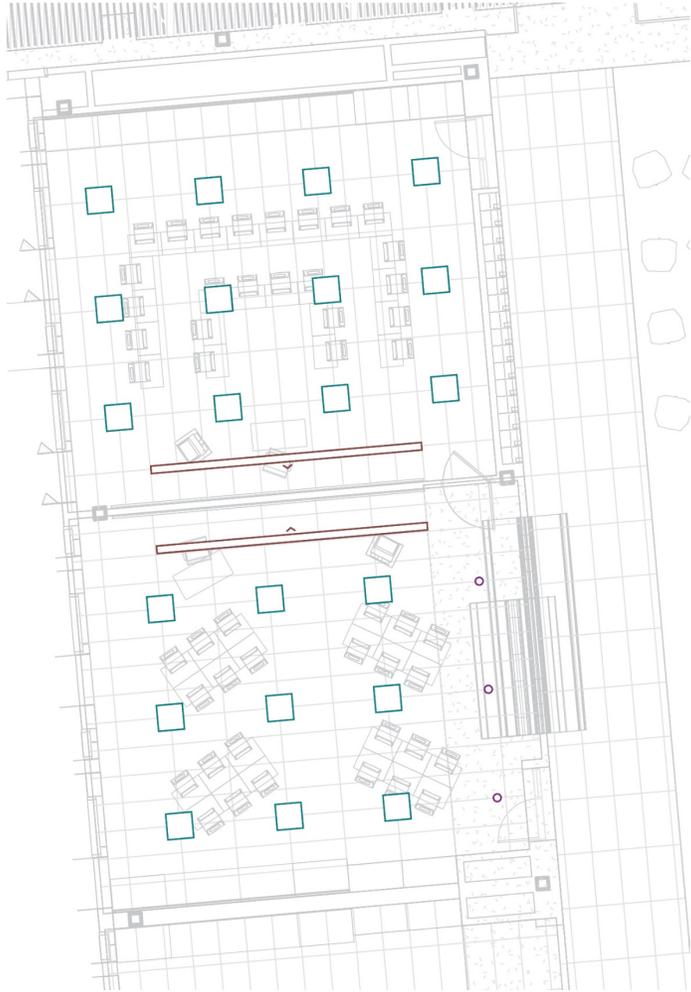
Rendered Perspective



Pseudo Color Perspective

LIGHT OUTPUT: 29fc AVG
LIGHTING POWER DENSITY: 0.37 W/SF

TYP. CLASSROOM LIGHTING: STRATEGY 5



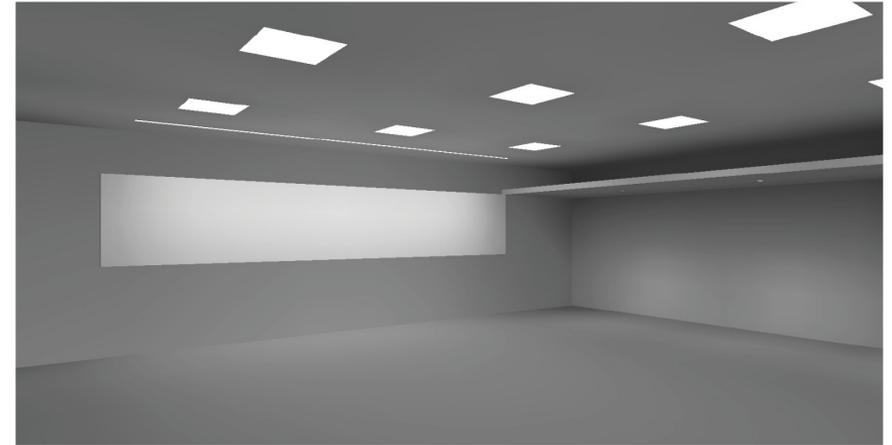
Recessed Wall Washer
725lm/ft @ 10'-0" AFF



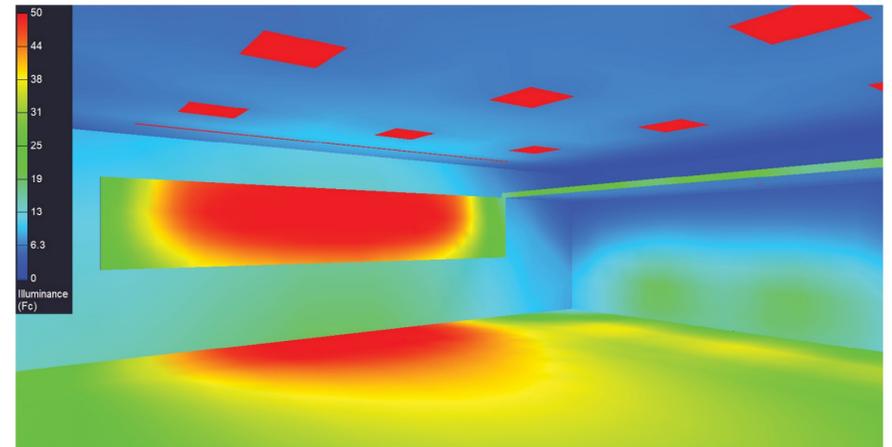
Recessed Square Downlight
3300lm @ 10'-0" AFF



Recessed Round Downlight
1181lm @ 8'-0" AFF



Rendered Perspective

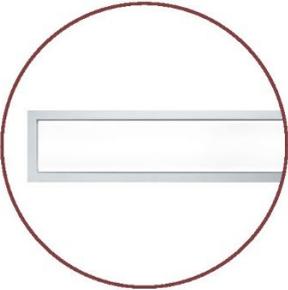


Pseudo Color Perspective

LIGHT OUTPUT: 35fc AVG

LIGHTING POWER DENSITY: 0.45 W/SF

PREFERRED: STRATEGY 4

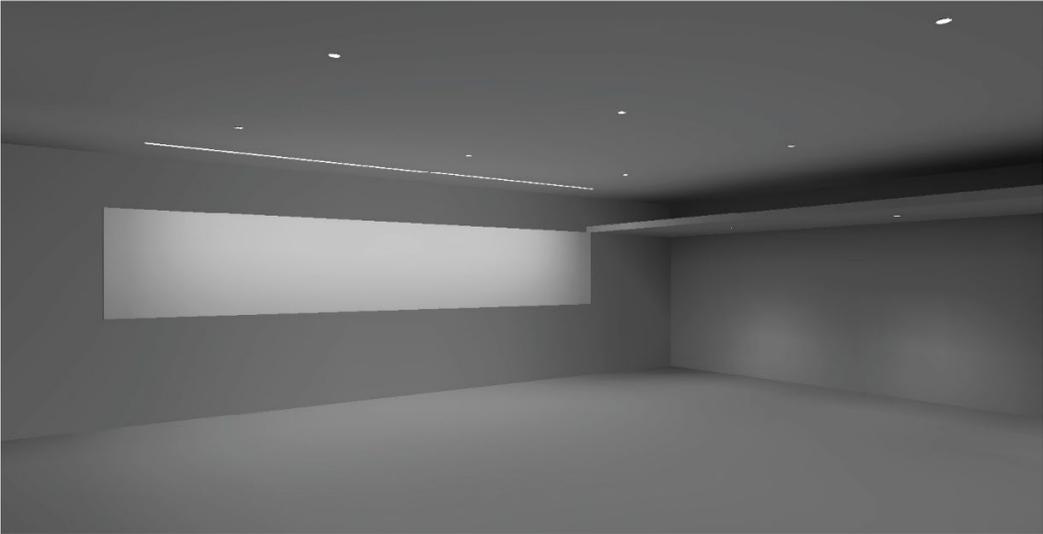


Recessed Wall Washer
750lm/ft @ 10'-0" AFF

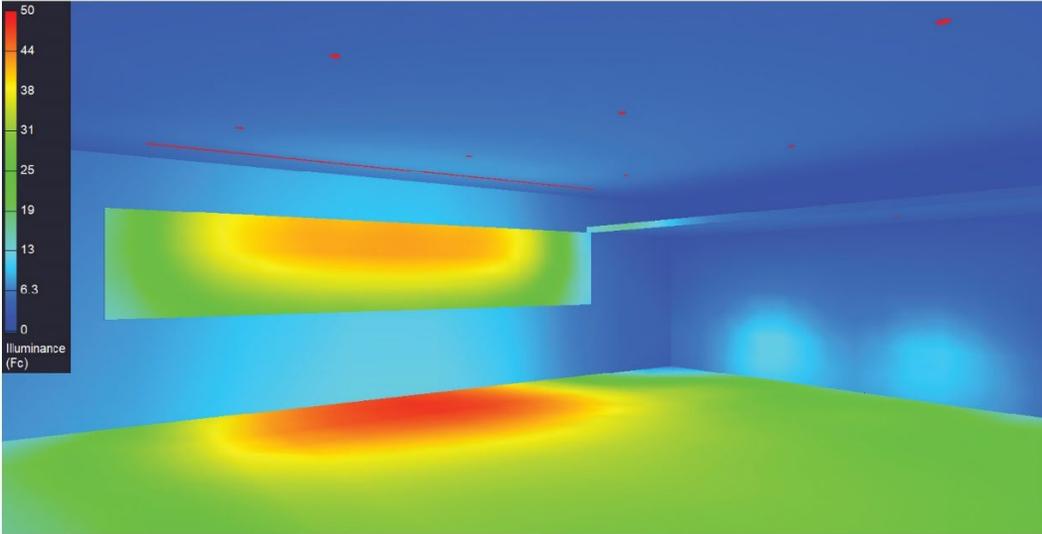


Recessed Round Downlight
1575lm @ 10'-0" AFF

LIGHT OUTPUT: 29fc AVG
LIGHTING POWER DENSITY: 0.37 W/SF



Rendered Perspective

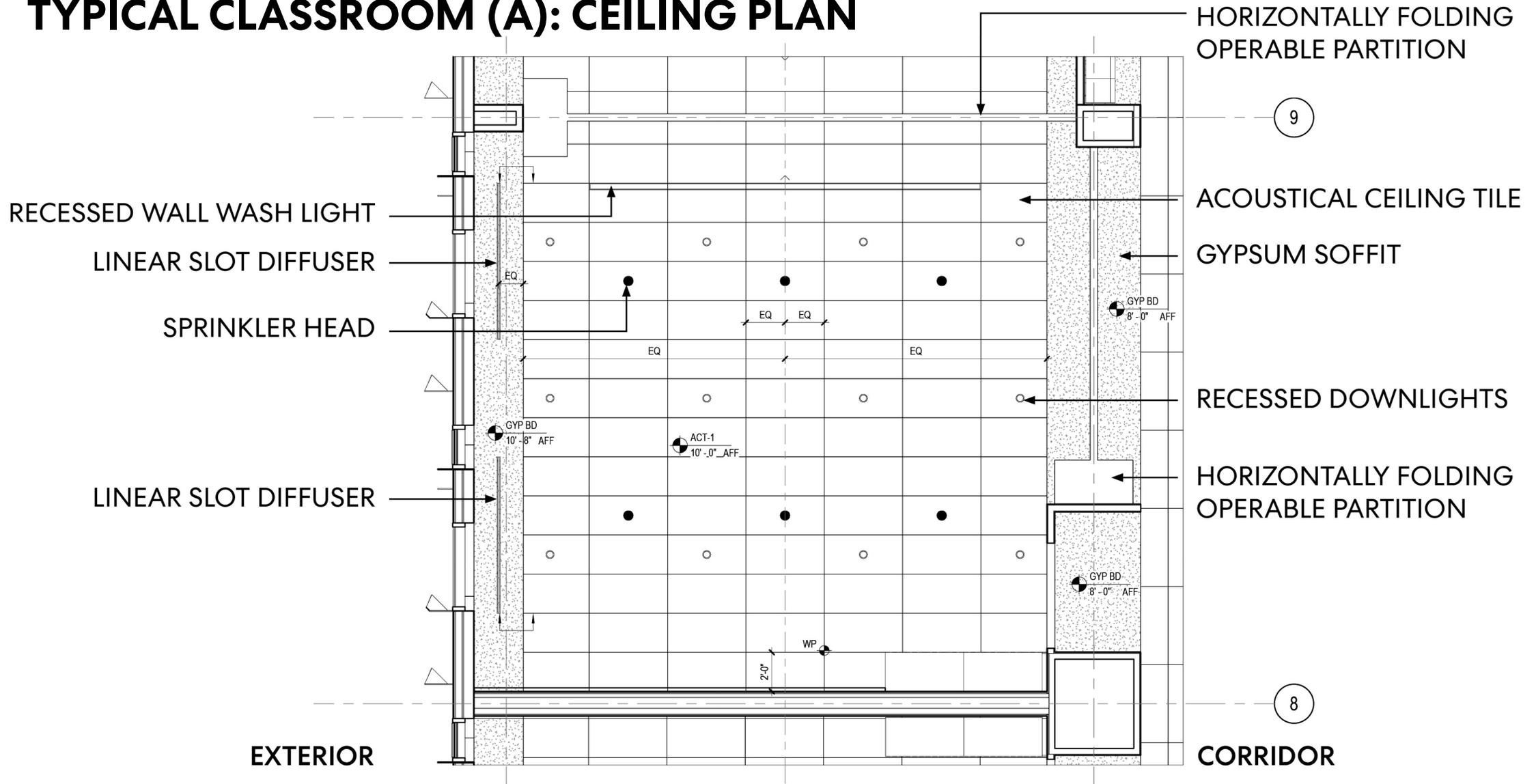


Pseudo Color Perspective

TYPICAL CLASSROOM LIGHTING STRATEGY 4



TYPICAL CLASSROOM (A): CEILING PLAN

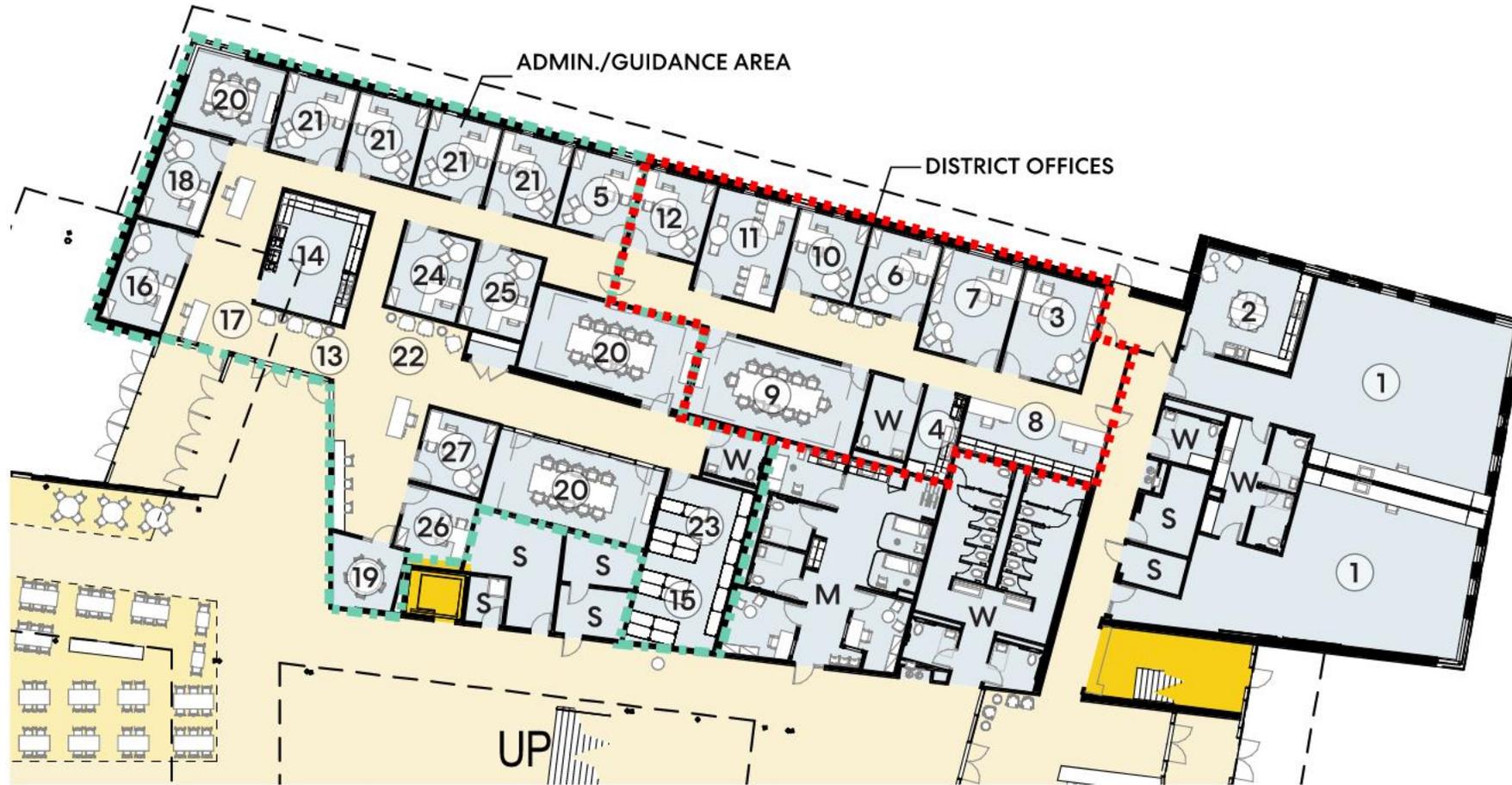


NORTH AREA UPDATE

Building Committee Meeting

NORTH AREA - DESIGN DEVELOPMENT REVISED PLAN OPTION 2

NORTH AREA LEVEL 01



PRE-K

1. PRE-K CLASSROOM
2. TEACHER WORK ROOM / COLLABORATION

DISTRICT OFFICES

3. SUPERINTENDENT OFFICE
4. SECRETARY WITH COPY AREA
5. TECH DIRECTOR
6. HUMAN RESOURCES
7. ASSISTANT SUPERINTENDENT
8. ADMIN ASSISTANT
9. CONFERENCE ROOM
10. NETWORK DIRECTOR
11. DATA SYSTEMS MANAGER & DATA SUPPORT
12. NETWORK SUPPORT

ADMINISTRATION & GUIDANCE

13. GENERAL OFFICE / WAITING ROOM
14. TEACHER'S MAIL AND TIME ROOM
15. RECORDS ROOM
16. PRINCIPAL'S OFFICE
17. PRINCIPAL'S SECRETARY / WAITING
18. ASSISTANT PRINCIPAL'S OFFICE
19. SUPERVISORY/SPARE OFFICE
20. CONFERENCE ROOM
21. GUIDANCE OFFICE
22. GUIDANCE WAITING ROOM
23. GUIDANCE STOREROOM
24. SCHOOL ADJUSTMENT COUNSELOR
25. SCHOOL PSYCH.
26. SPED OFFICE
27. SPED TRANSITION COORDINATOR OFFICE
- M. MEDICAL SUITE

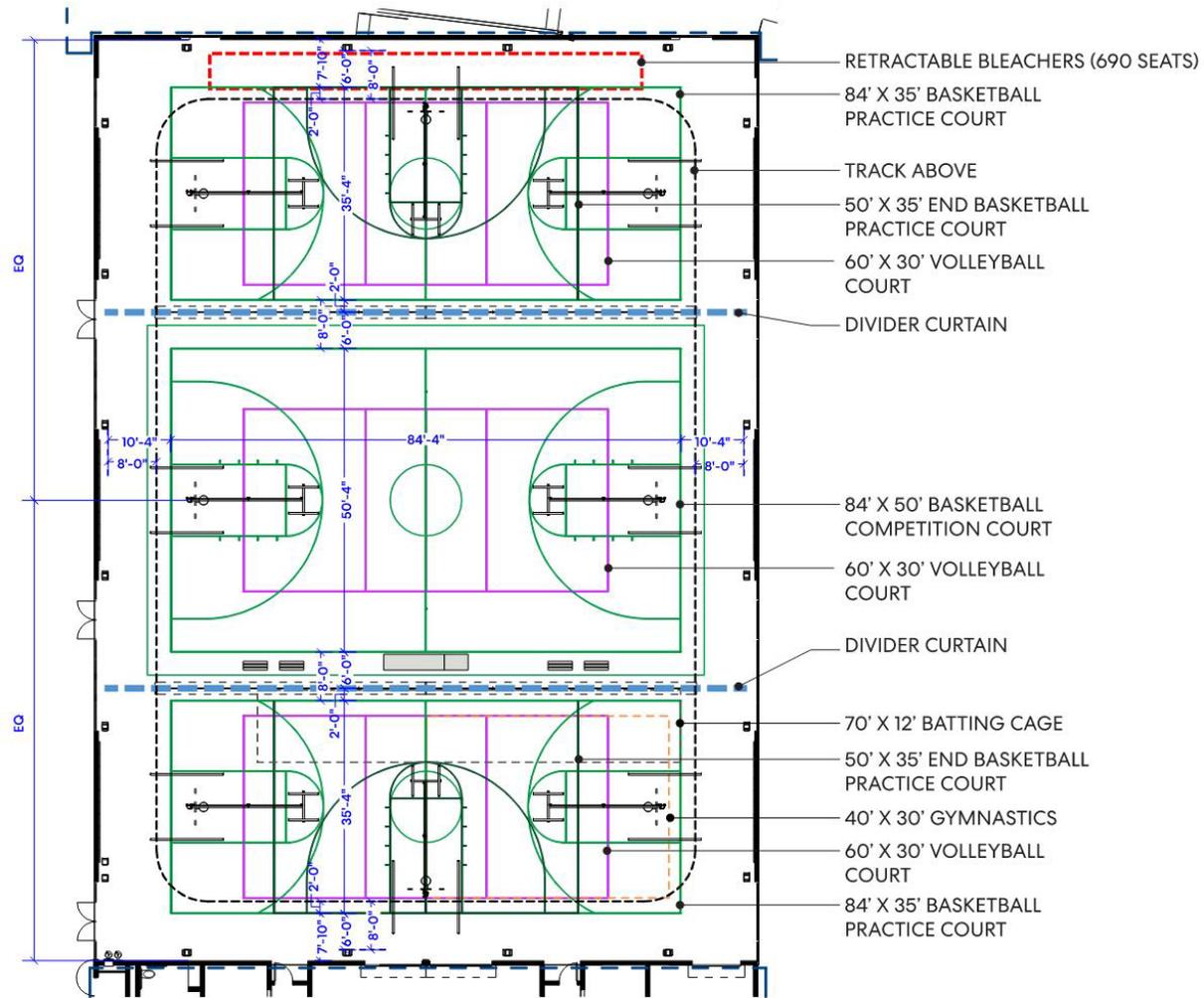
SUPPORT

- W WATER CLOSET
S SUPPORT

GYM LAYOUT UPDATE

Building Committee Meeting

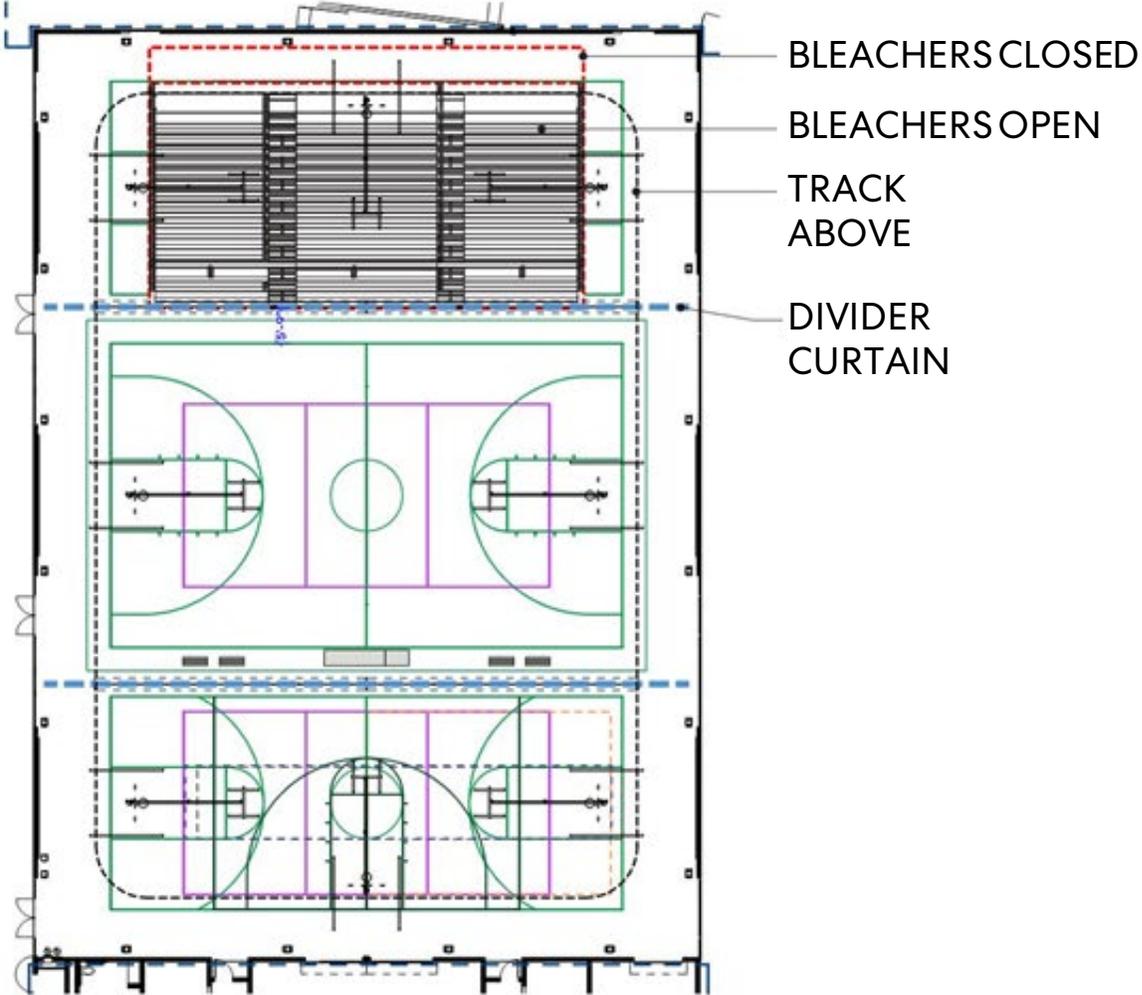
GYMNASIUM – DESIGN DEVELOPMENT PLAN



Gymnasium Layout Client Feedback:

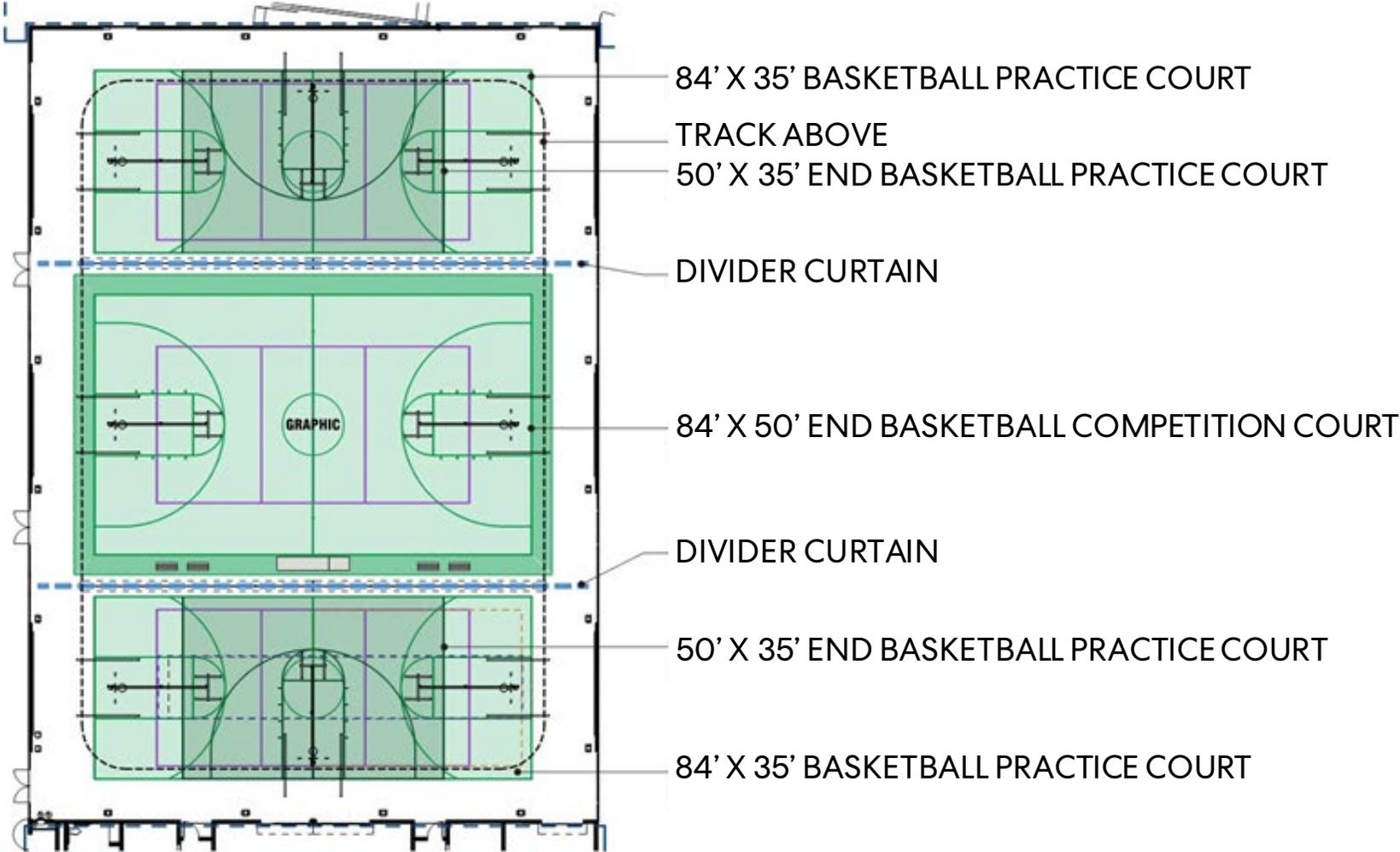
- All three courts should have basketball lines, volleyball lines, as well as the inserts in the floor for the volleyball poles.
- The gymnastics floor can NOT go on the main court. All gymnastics equipment must go on the side court closest to the locker rooms for many reasons.
- Ensure when the divider curtain at the main basketball court comes down between the side court and the main court that there is still enough room for team benches and a game table, without impeding the safety of the game.
- Would like to work on getting better access to the suspended track, something better than having to go outside the gym and then up the stairs. Is there any way to provide a staircase inside the gym?
- Suggests to have 6 basketball hoops that would go on each end of all 3 courts.
- Needs one master switch that can raise and lower ALL baskets at one time (possible choosing which ones to leave alone).
- Would like to have two things be stored and hung from the ceiling: a baseball/softball batting cage as well as the cheer/gymnastics mats.
- Would like to have a good discussion about what walls we have and how we use them for either hanging banners or school logo's or statements such as "Spartan Strong."
- Needs to discuss location for school hall of fame plaque and scoreboards. Would like a similar condition as Billerica.
- Strongly wants the wall that abuts the Pre-K to be solid so that there is zero interaction or visibility to them or to us from them. Suggests this wall to be used for location for logo or banners etc...

GYMNASIUM LAYOUT - BLEACHERS

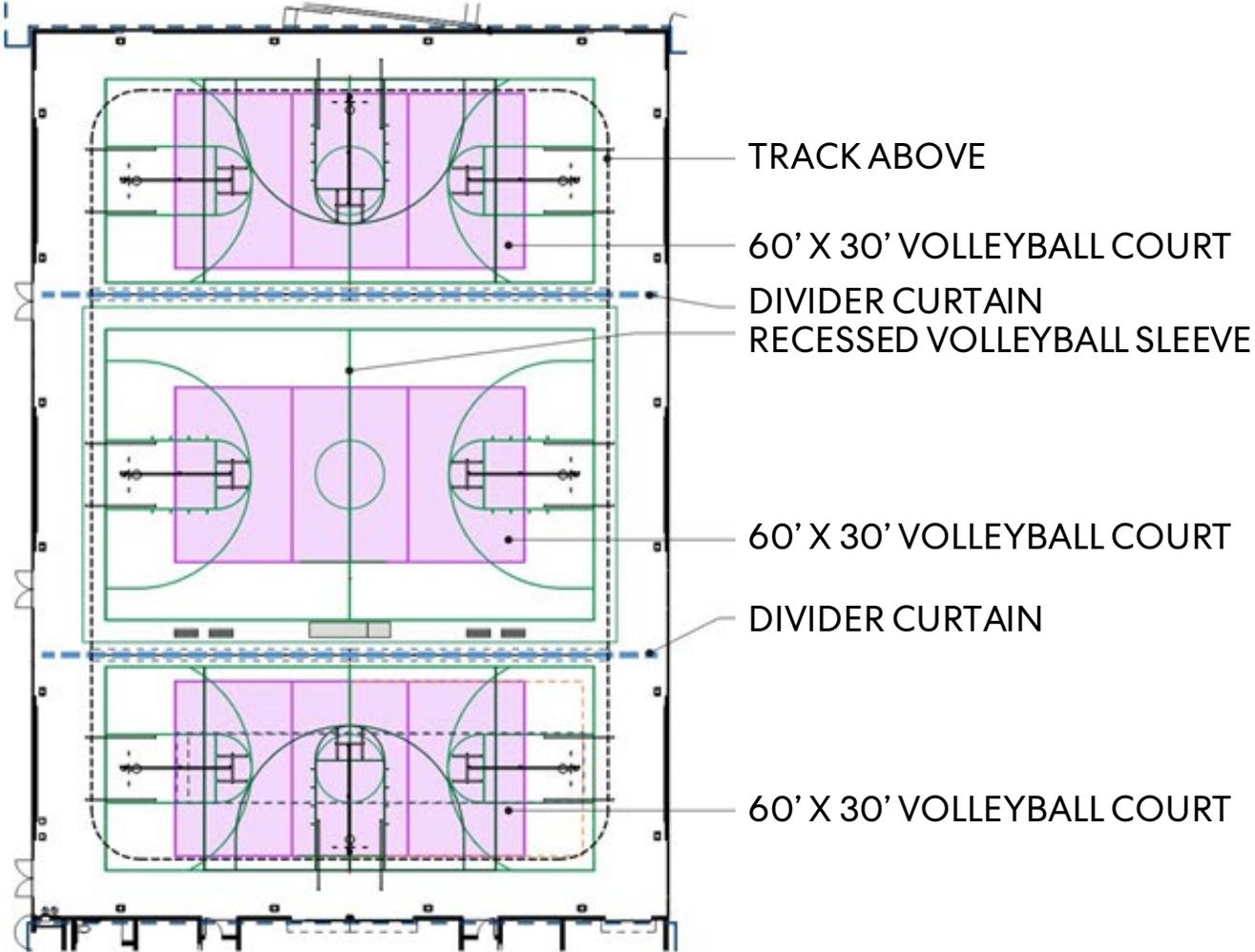


RETRACTABLE BLEACHERS

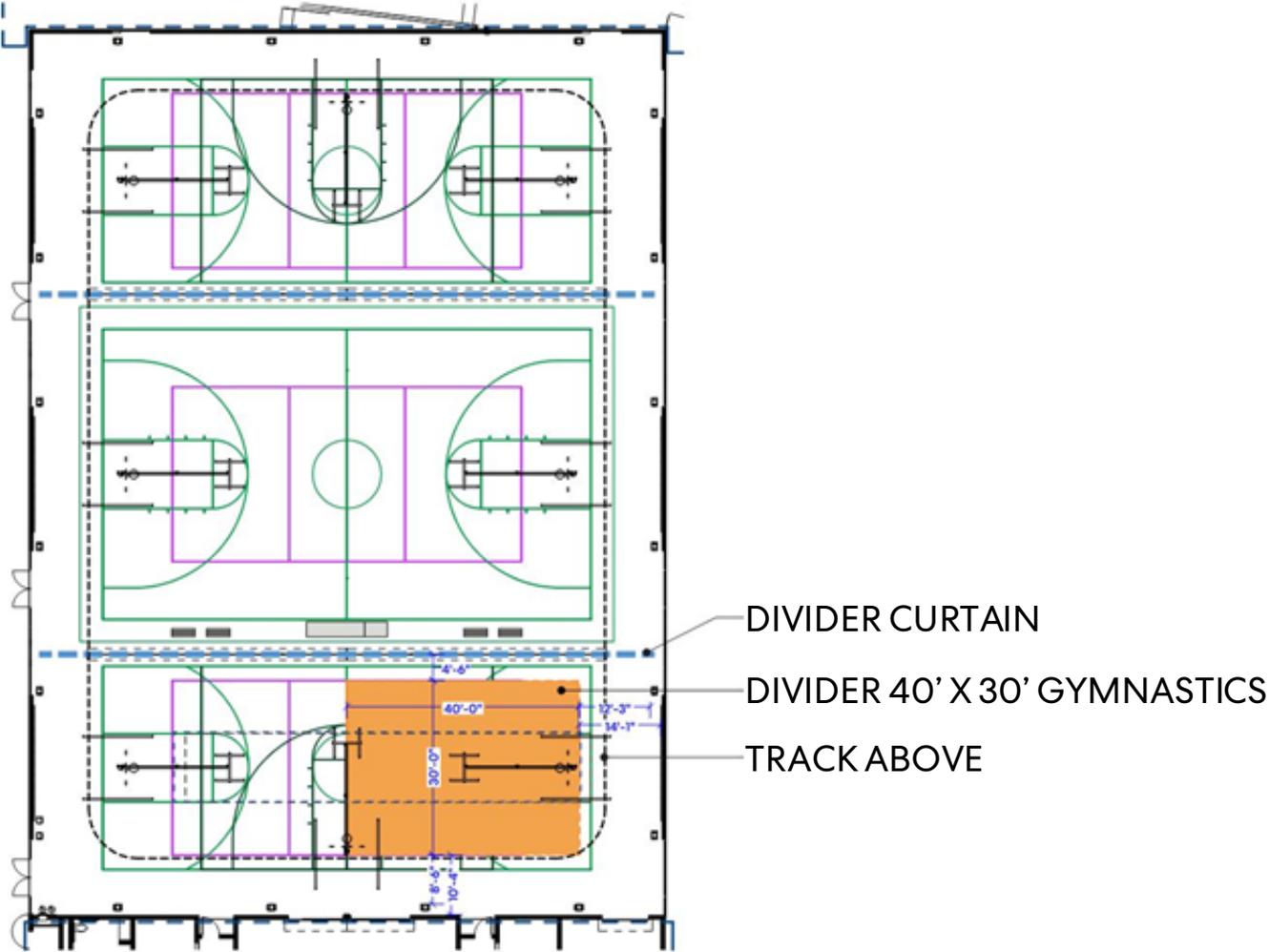
GYMNASIUM LAYOUT - BASKETBALL COURTS



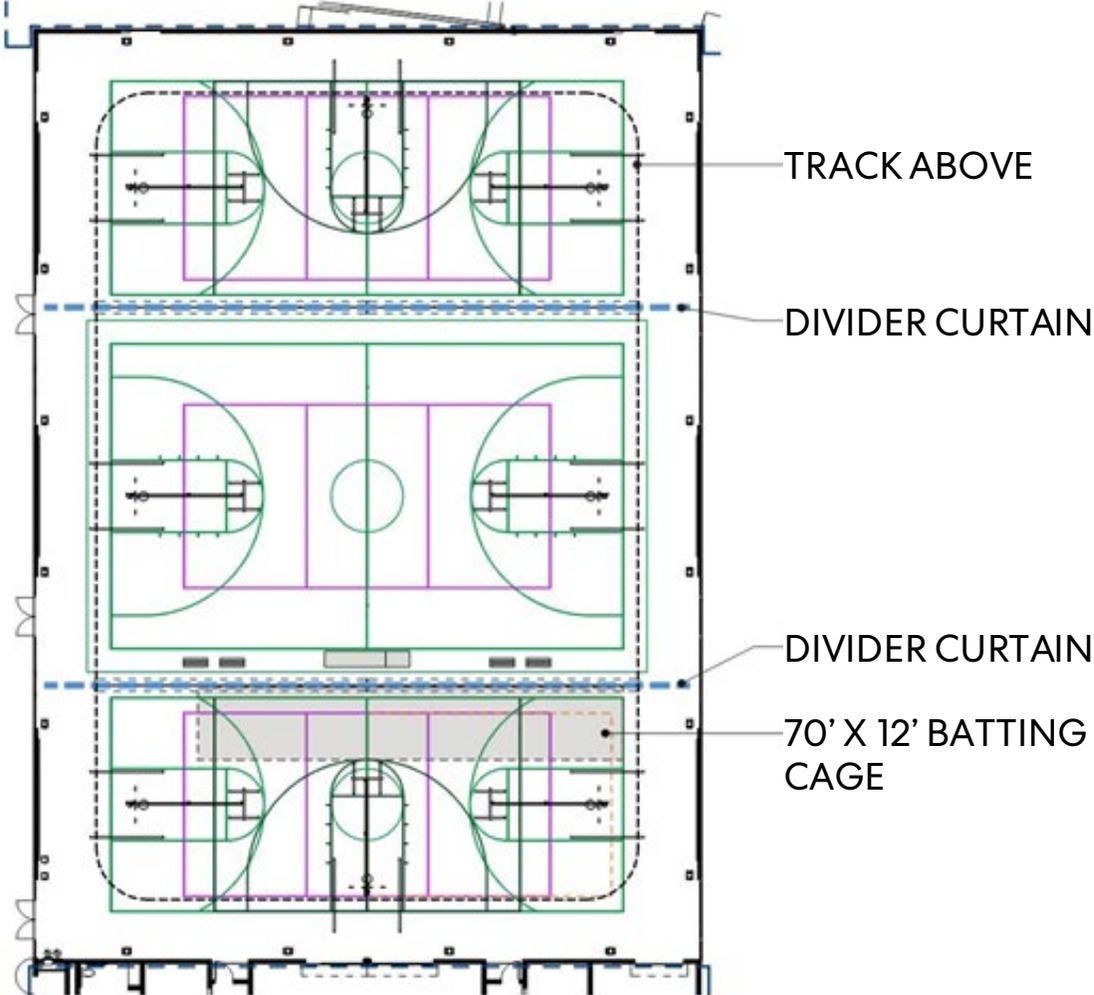
GYMNASIUM LAYOUT - VOLLEYBALL COURTS



GYMNASIUM LAYOUT - GYMNASTICS



GYMNASIUM LAYOUT - BATTING CAGE





THANK YOU!



January 7, 2022

Stoneham High School
Town of Stoneham
Job #2515

To Stoneham High School Building Committee

RE: Schematic Design Estimate Refresh

Based on recent market trends, Consigli conducted an estimate refresh to re-align unit rates. The attached document compares our previously Reconciled Schematic Design Estimate (dated 6/23/21) to our Schematic Design Refreshed Estimate (dated 1/4/22), which results in an overall increase of approximately \$3M or 2% of the construction cost.

These increases in cost have occurred in the following primary areas, which coincide with our Market Outlook – October 2021, that was presented at our last Building Committee meeting on December 20, 2021.

- Concrete
- Structural steel
- Roofing
- Drywall
- MEPs

We look forward to reviewing in more detail.

Best Regards,
Consigli Construction Company

Todd McCabe
Project Executive



CONSIGLI

Stoneham High School

Schematic Design Reconciled Estimate Variance Report

Description	06/23/21 SD Reconciled Estimate	01/04/22 SD Refreshed Estimate	Variance
A Substructure	6,649,354	6,833,555	184,202
B Shell	25,323,532	26,210,607	887,075
C Interiors	16,163,199	16,817,759	654,560
D Services	28,390,934	29,265,667	874,733
E Equipment & Furnishings	5,509,153	5,509,153	0
F Special Construction & Demolition	4,390,011	4,390,011	0
G Sitework	29,694,748	29,895,600	200,852
Subtotal	116,120,931	118,922,353	2,801,423
Design/Estimate Contingency	11,557,675	11,836,546	278,871
Escalation	4,623,070	4,330,441	-292,629
Subtotal	132,301,676	135,089,340	2,787,665
Indirect Costs	21,116,984	21,389,773	272,789
Total	153,418,660	156,479,113	3,060,454

Memorandum

To: Stoneham School Building Committee
From: Joel G. Seeley
Project: Stoneham High School
Re: School Building Committee Subcommittees and Working Groups
Distribution: (MF)

Date: 12/10/2021
(Updated 1/3/2022)
Project No.: 20033

Construction Phasing Working Group

- David Pignone
- David Bois
- Dennis Sheehan
- John Macero

Green Building Initiatives Working Group

- Marie Christie
- David Bois
- Raymie Parker
- Dennis Sheehan
- John Macero
- Brian McNeil
- April Lanni

OPM and Designer Selection Subcommittee

- Marie Christie
- Jeanne Craigie
- Steve O'Neill
- Paul Ryder
- Doug Gove
- Raymie Parker
- Josephine Thomson
- David Pignone
- David Bois
- Albert Talarico

CM at Risk Selection Subcommittee

- Marie Christie
- David Bois
- Doug Gove
- Steve O'Neill
- Jeanne Craigie
- Paul Ryder
- Dennis Sheehan
- Brian McNeil
- John Macero

Construction Subcommittee *(From 2019)*

- Paul Ryder
- Jeanne Craigie
- Marie Christie
- Kevin Yianacopolus
- Doug Gove
- Steve O'Neill
- David Bois
- David Pignone
- Cory Mashburn
- John Macero

Finance Subcommittee *(From 2019)*

- April Lanni
- Cory Mashburn
- Dennis Sheehan
- John Macero
- Marie Christie
- Jeanne Craigie

To: Stoneham School Building Committee
Date: 12/10/2021 Updated 1/3/2022

Educational Mission Subcommittee

- Jeanne Craigie
- Josephine Thomson
- Nicole Nial
- Lisa Gallagher
- Sharon Iovanni
- John Macero
- Bryan Lombardi

Playfields Subcommittee

- David Pignone
- Marie Christie
- David Bois
- Nicole Nial
- Steve O'Neill
- Josephine Thomson
- Paul Ryder
- Kevin Yianacopolus
- Bryan Lombardi
- Brian McNeil
- April Lanni

Security Subcommittee

- Raymie Parker
- Sharon Iovanni
- Lisa Gallagher
- Bryan Lombardi
- Kevin Yianacopolus
- Brian McNeil
- Marie Christie
- David Bois
- Dennis Sheehan
- John Macero

Public Relations Subcommittee

- Sharon Iovanni
- Marie Christie
- Nicole Nial
- Raymie Parker
- Lisa Gallagher
- David Bois
- John Macero
- Bryan Lombardi
- Dennis Sheehan

Interior Finish Materials Subcommittee

- TBD

Project Minutes

Project: New Stoneham High School
 Prepared by: Joel Seeley
 Re: Green Building Initiatives Meeting
 Location: Remote Locations
 Distribution: Attendees (MF)

Project No.: 20033
 Meeting Date: 1/3/2022
 Time: 10:00am
 Meeting No: 19

Attendees:

PRESENT	NAME	AFFILIATION
	Marie Christie	Co-Chair, School Building Committee
	David Bois	Co-Chair, School Building Committee
	Raymie Parker	Chair, Select Board
✓	Dennis Sheehan	Town Administrator
✓	April Lanni	Town Procurement Officer / MCPPO Certified
✓	John Macero	Superintendent of Schools
✓	Brian McNeil	Facilities Director
✓	Erin Wortman	Director, Planning and Community Development
	Susan McPhee	Energy Conservation Coordinator
	David Mauer	School Committee
	Vamshi Gooje	Thornton Tomasetti
	Xiaoshu Du	Thornton Tomasetti
	Brooke Trivas	Perkins and Will
✓	Patrick Cunningham	Perkins and Will
✓	Stephen Messinger	Perkins and Will
✓	Ryan Flynn	BALA
	Jonathan Patch	McPhail
	Steve Burke	Consigli
✓	Tom Michelman	SEA
	Robert Smith	SMMA
✓	Joel Seeley	SMMA

Item #	Action	Discussion
19.1	A. Lanni T. Michelman P. Cunningham S. Burke D. Sheehan J. Seeley	Photovoltaic (PV) System <ol style="list-style-type: none"> D. Sheehan will confirm with Town Counsel on whether the School Committee or Select Board will sign the Letter of Support with the PV Vendor for the SMART Program. <i>(from prior meeting)</i> E. Wortman will confirm with Eversource on whether the installation is required to be completed within 12 or 18 months of Interconnection Application approval. <i>(from prior meeting)</i>

Item #	Action	Discussion
		<ul style="list-style-type: none"> 3. RFP has been issued. <ul style="list-style-type: none"> a. RFP dates: <ul style="list-style-type: none"> i. Prebid Meeting – 1/14/22 9:00am optional site tour and 1:00pm mandatory Remote Briefing. ii. Last day for Questions – 1/21/22 iii. Last day for Responses – 1/28/22 iv. Proposals Due – 2/18/22 b. T. Michelman reviewed final RFP and Bid Sheet. c. A. Lanni, T. Michelman and J. Seeley to attend the optional site tour on 1/14/22 at 9:00am. d. P. Cunningham and S. Burke to provide a brief PowerPoint of the project design and schedule for the mandatory remote pre-bid meeting on 1/14/22 at 1:00pm. T. Michelman will review the Bid Sheet and A. Lanni will review the Bid Submission requirements. A. Lanni will send out a Go-To-Meeting invite to the Working Group and all RFP holders. 4. E. Wortman to confirm if the PV Car Canopies will require Site Plan Approval, and if so, thru the Select Board or the Planning Board? 5. The Proposals will be reviewed both qualitatively and quantitatively. A sub-group of the Green Initiatives Working Group to be established to do the qualitative review. The sub-group is to be comprised of a representative from SEA, P&W, Consigli and SMMA, plus Town representatives. D. Sheehan to provide guidance on the Town representatives. 6. SEA will perform the qualitative review (financial). 7. The Green Initiatives Working Group would then meet and decide on a shortlist of +/- 3 firms to interview based on the above. 8. D. Sheehan to provide guidance if the interviews will be in front of the Green Initiatives Working Group for recommendation to the SSBC or be in front of the SSBC for final selection.
19.2	V. Gooje P. Cunningham	<p>Energy Model <i>(from prior meeting)</i></p> <ul style="list-style-type: none"> 1. Areas to review during Design Development phase to reduce the EUI: 1) Plug Load Management, and 2) Fan Power. 2. S. McPhee suggested other means to reduce the LPD: 1) provide task light for the teacher’s desk – <i>P. Cunningham will review with FFE</i>, 2) provide shades starting 18 inches down from the top of the window - <i>P. Cunningham will review</i>

Item #	Action	Discussion
19.3	R. Flynn	Full Load Electrical Capacity at Franklin Street R. Flynn indicated there is a meeting scheduled with Eversource at 10:00am on 1/4/22 to review.
19.4	J. Patch	Geothermal Wells <ol style="list-style-type: none">1. P. Cunningham indicated the geothermal test well conductivity test was performed on 12/13/21 and the results should be available in a couple of weeks.
19.5	P. Cunningham	PV Panel Area <ol style="list-style-type: none">1. P. Cunningham to review the proximity of the double-row PV Canopies to the property line and confirm any Town Setback requirements.
19.6	Record	Next Green Building Initiatives Meeting: Monday, 1/17/2022 at 10:00am, remote.

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