### SMMA

### **PROJECT MINUTES**

Project:	W. Edward Balmer Elementary School Feasibility Study	Project No .:	17020
Prepared by:	Joel Seeley	Meeting Date:	12/19/17
Re:	School Building Committee Meeting	Meeting No:	17
Location:	High School Media Center	Time:	6:30pm
Distribution:	School Building Committee Members, Attendees (MF)		

Attendees:

PRESENT	NAME	AFFILIATION	VOTING MEMBER
$\checkmark$	Joseph Strazzulla	Chairman, School Building Committee	Voting Member
✓	Melissa Walker	School Business Manager	Voting Member
	James Marzec	Representative of the Board of Selectmen	Voting Member
$\checkmark$	Michael LeBrasseur	Chairman, School Committee	Voting Member
✓	Paul Bedigian	Representative of the Building, Planning, Construction Committee	Voting Member
$\checkmark$	Steven Gogolinski	Representative of the Finance Committee	Voting Member
	Jeffrey Tubbs	Community Member with building design and/or construction experience	Voting Member
$\checkmark$	Peter L'Hommedieu	Community Member with building design and/or construction experience	Voting Member
	Jeff Lundquist	Community Member with building design and/or construction experience	Voting Member
$\checkmark$	Andrew Chagnon	Community Member with building design and/or construction experience	Voting Member
✓	Spencer Pollock	Parent Representative	Voting Member
$\checkmark$	Adam Gaudette	Town Manager	Non-Voting Member
✓	Dr. Catherine Stickney	Superintendent of Schools	Non-Voting Member
$\checkmark$	Steve Von Bargen	Building Maintenance Local Official	Non-Voting Member
✓	Karlene Ross	Principal, W. Edward Balmer Elementary School	Non-Voting Member
✓	Jill Healy	Principal, Northbridge Elementary School	Non-Voting Member
✓	Kathleen Perry	Director of Pupil Personnel Services	Non-Voting Member
$\checkmark$	Lee Dore	D & W, Architect	
	Thomas Hengelsberg	D & W, Architect	
$\checkmark$	Joel Seeley	SMMA, OPM	

Project:W. Edward Balmer Elementary School Feasibility StudyMeeting Date:12/19/17Meeting No.:17Page No.:2

Item #	Action	Discussion		
17.1	Record	Call to Order, 6:30 PM, meeting opened.		
17.2	Record	J. Strazzulla announced the meeting will be video and audio recorded with live broadcast and future re-broadcast.		
17.3	Record	A motion was made by A. Chagnon and seconded by P. Bedigian to approve the 12/5/17 School Building Committee meeting minutes. Motion passed unanimous by those attending.		
17.4	J. Seeley	J. Seeley distributed and reviewed the Draft Meetings and Agendas Schedule for the Schematic Design Phase, attached.		
		Committee Discussion:		
		<ol> <li>J. Seeley to change the 1/9/18 CM Prequalification Subcommittee meeting to 1/16/18 at 5:30pm.</li> </ol>		
		<ol> <li>J. Seeley to add the 1/10/18 Blackstone Valley Chamber of Commerce meeting to the schedule.</li> </ol>		
17.5	Record	J. Seeley distributed and reviewed D&W Amendment No. 9, dated 12/19/17 and attached, for Topographical Survey Services in the amount of \$39,600.00 to be charged against ProPay Code budget 0003-0000, which has a balance of \$47,796.50. The Committee discussed in detail.		
		Committee Discussion:		
		<ol> <li>M. LeBrasseur asked if this will leave \$8,196.50 left in the 0003-0000 ProPay Budget?</li> <li>J. Seeley indicated yes, plus \$73,280.06 in the Other (Owner's Contingency)</li> </ol>		
		Budget.		
		A motion was made by M. LeBrasseur and seconded by P. Bedigian to approve D&W Amendment No. 9, dated 12/19/17 and recommend signature by J. Marzec. No discussion, motion passed unanimous.		
17.6	L. Dore	L. Dore will calculate of the energy cost to operate the new facility as compared to the energy cost to operate the existing Balmer and NES in the Schematic Design Phase.		
17.7	Committee	Committee members to develop a list of possible outcomes for the disposition of NES should a Grade PreK-5 option be the selected option.		
17.8	T. Hengelsberg	T. Hengelsberg to provide direction to the Committee if the structural engineer and D&W would consider prefabricated panel systems.		
17.9	T. Hengelsberg	T. Hengelsberg to provide direction to the Committee if the Fire Alarm Audio message will be through the PA System or the FA speakers.		
17.10	Record	J. Strazzulla provided an overview of the Community Forum No. 5 presentation and breakout session findings, attached. There was a smaller turnout than prior Forums but the attendees were knowledgeable of the project and process. The feedback from the breakout sessions indicated Option C3.1b was the preferred option followed by Option C5.		
17.11	Record	J. Seeley provided an overview of the Community-Wide Survey No. 2 results, attached. The results indicated Option C3.1b was the preferred option followed by Option C5.		

Item #	Action	Discussion		
17.12	Record	L. Dore provided an overview of the Options Evaluation Matrix completed by the Committee. The results indicated Option C3.1b was the preferred option followed by Option C2.		
17.13	Record	<ul> <li>L. Dore presented and reviewed the Design Options and Costs, attached, as follows.</li> <li>1. Option B2 – Grade 2-4 New Construction – Back/Side</li> <li>2. Option C2 – Grade PK-5 Renovation/Addition – Exist CR Wing</li> <li>3. Option C3.1a – Grade PK-5 New Construction – Back/Side/Overlap</li> <li>4. Option C3.1b – Grade PK-5 New Construction – Back/Side</li> <li>5. Option C3.2 – Grade PK-5 New Construction – Back/Side</li> <li>6. Option C3.3 – Grade PK-5 New Construction – Back/Side</li> <li>7. Option C5 - Grade PK-5 New Construction – Front</li> </ul>		
		Committee Discussion:		
		1. K. Ross indicated the Balmer teachers indicated they preferred Option C3.1b.		
		2. K. Perry indicated Option C3.1b offered more opportunities for inclusion within the small learning communities.		
		<ol> <li>C. Stickney indicated C3.1b meets the goals established in the Educational Program.</li> </ol>		
		<ol> <li>A. Chagnon indicated Option C5 is \$2.3 million less than Option C3.1b and questioned whether the massing and safety concerns with Option C5 can be overcome.</li> </ol>		
		<ol> <li>C. Stickney indicated the high visibility of the front approach from the administration offices in Option C3.1b cannot be achieved in Option C5, which has the administration offices facing the back of the site.</li> </ol>		
		<ol> <li>C. Stickney indicated ease of public access to the fields in front of the school in Option C3.1b cannot be achieved in Option C5, in which the public will have to drive behind the school to the fields.</li> </ol>		
		7. J. Healy indicated the parking lot in C5 is remote from the school and the student entry from the bus loop is not at the main building entry.		
		8. P. L'Hommedieu indicated he believes the Option C5 concerns can be rectified for much less than the \$2.3 million difference to Option C3.1b.		
		9. P. Bedigian indicated the cost delta may not be that high as the project is further defined.		
		<ul> <li>10. A. Gaudette asked if the cost difference between Option C3.1b and C5 was mainly in the site grading along the east property line?</li> <li>L. Dore indicated yes, the estimate is carrying a significant ledge removal cost in Option C3.1b. This ledge amount will be verified by the borings and test pits scheduled in the coming weeks.</li> </ul>		
		<ol> <li>M. LeBrasseur indicated Option C3.1b is the 2<sup>nd</sup> least costly option, representing a \$32/year tax difference from Option C5.</li> </ol>		
		A motion was made by P. Bedigian and seconded by M. LeBrasseur to approve Option C3.1b as the Preferred Option. No discussion, motion passed unanimous.		

Item #	Action	Discussion		
17.14	Record	A Motion was made by A. Chagnon and seconded by M. LeBrasseur to approve the PSR Submittal and authorize submission to the MSBA. No discussion, motion passed unanimous.		
17.15	J. Strazzulla	The PR subcommittee update:		
		1. J. Strazzulla to review next steps in raising the Seniors Tax Abatement to the maximum level.		
		2. J. Strazzulla to develop a generic calendar for press release issuances.		
17.16	Record	Public Comments		
		<ol> <li>A resident indicated support for the Committee's work and stressed that public safety is a priority concern for the community.</li> </ol>		
17.17	Record	Old or New Business - None		
17.18	Record	Next SBC Meeting: January 9, 2018 at 6:30 pm at the High School Media Center.		
17.19	Record	A Motion was made by A. Chagnon and seconded by P. Bedigian to adjourn the meeting. No discussion, voted unanimously.		

Attachments: Agenda, Meetings and Agendas Schedule for the Schematic Design Phase, 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

JGS/sat/P:2017\17020\04-MEETINGS\4.3 Mtg\_Notes\School Building Committee\17\_2017\_19December-Schoolbuildingcommittee\Schoolbuildingcommittee

Project Management SMMA

### PROJECT MEETING SIGN-IN SHEET

Project:	W. Edward Balmer Elementary School Feasibility Study	Project No.:	17020
Prepared by:	Joel Seeley	Meeting Date:	12/19/2017
Re:	School Building Committee Meeting	Meeting No:	17
Location:	High School Media Center	Time:	6:30pm
	427 Linwood Avenue, Whitinsville, MA		

Distribution:

Attendees, (MF)

SIGNATURE	ATTENDEES	EMAIL	AFFILIATION
and a Stratt	Joseph Strazzulla	jstrazzulla@nps.org	Chairman, School Building Committee
MI Wall	Melissa Walker	mwalker@nps.org	School Business Manager, MCPPO
	James Marzec	james.r.marzec@gmail.com	Member, Board of Selectmen, CEO
MAgrunn	Michael LeBrasseur	mlebrasseur@nps.org	Chairman, School Committee
Paul Bedigian	Paul Bedigian	bedigianps@cdmsmith.com	Representative of the Building, Plannin Construction Committee
The Goald	Steven Gogolinski	steve@gogolinskicpa.com	Representative of the Finance Committee
	Jeffrey Tubbs	jtubbs@charter.net	Member of community with architectu engineering and/or construction experience
Stark	Peter L'Hommedieu	PLHommedieu@shawmut.com	Member of community with architectu engineering and/or construction experience
	Jeff Lundquist	jlundquist@therichmondgroup.com	Member of community with architectu engineering and/or construction experience
n 1 Sm	Andrew Chagnon	achagnon@vertexeng.com	Member of community with architectu engineering and/or construction experience
	Spencer Pollock	spencerpollock22@gmail.com	Parent Representative
Q.	Adam Gaudette	agaudette@northbridgemass.org	Town Manager
Catherine A techning	Dr. Catherine Stickney	cstickney@nps.org	Superintendent of Schools, NPS
ged-last	Steve Von Bargen	svonbargen@nps.org	Building Maintenance Local Official
Carlene lose	Karlene Ross	kross@nps.org	Principal, W. Edward Balmer Elementa School
Jauteah	Jill Healy	jhealy@nps.org	Principal, Northbridge Elementary School
Karlon Reus	Kathleen Perry	kperry@nps.org	Director of Pupil Personnel Services
han	Lee P. Dore	Ipdore@DoreandWhittier.com	Dore & Whittier Architects
	Donald M Walter	dwalter@DoreandWhittier.com	Dore & Whittier Architects
V	Jason Boone	jboone@DoreandWhittier.com	Dore & Whittier Architects
	Thomas Hengelsberg	thengelsberg@DoreandWhittier.com	Dore & Whittier Architects
1	Rani Philip	rphilip@DoreandWhittier.com	Dore & Whittier Architects
Aner	Joel Seeley	jseelev@smma.com	SMMA

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1000 Massachusetts Avenue Cambridge, MA 02138 617.547.5400

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### Project Management SMMA

### Agenda

Project:	W. Edward Balmer Elementary School Feasibility Study	Project No.:	17020
Re:	School Building Committee Meeting	Meeting Date:	12/19/2017
Meeting Location:	High School Media Center	Meeting Time:	6:30 PM
	427 Linwood Avenue, Whitinsville, MA	Meeting No.	17
Prepared by:	Joel G. Seeley		
Distribution:	Committee Members (MF)		

- 1. Call to Order
- 2. Public Comments
- 3. Approval of Minutes
- 4. Approval of Invoices and Commitments
- 5. Review Community-wide Survey No. 2 Results
- 6. Review Community Forum No. 5 Findings
- 7. Evaluate Design Alternatives
- 8. Vote the One Preferred Construction Alternative
- 9. Vote to Submit Preferred Schematic Report to MSBA
- 10. PR Subcommittee Update
- 11. New or Old Business
- 12. Committee Questions
- 13. Next Meeting: January 9, 2018
- 14. Adjourn

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	SCHOOL BUILDING COMMITTEE			
	W. EDWARD BALMER ELEMENTARY SCHOOL			
All meetings held at the High School Media Center at 6:30 PM				
	MEETINGS SCHEDULE AND AGENDAS			
	August 29, 2017 Updated December 11, 2017			
DATE	AGENDA			
Feasibility Study Phase (PSR)				
<b>a</b>	JOINT MEETING OF BOARD OF SELECTMEN, SCHOOL COMMITTEE,			
October 12, 2017	FINANCE COMMITTEE AND SCHOOL BUILDING COMMITTEE - 7:00 PM -			
	W. EDWARD BALMER ELEMENTARY SCHOOL MEDIA CENTER			
October 17, 2017	SCHOOL BUILDING COMMITTEE MEETING			
	Review Preferred Alternative Goals			
	Update on Construction Alternatives			
	Prepare for Community Forum			
October 30, 2017	COMMUNITY FORUM NO. 4 - 6:00 to 8:00 PM -			
	W. EDWARD BALMER ELEMENTARY SCHOOL LIBRARY			
November 7, 2017	SCHOOL BUILDING COMMITTEE MEETING			
	Review Community Forum Comments Update on Construction Alternatives			
	Structural Narrative Review			
	MEP Systems Narrative Review			
	Review MSBA Comments on PDP Submission			
	Review Construction Delivery Methods			
	·			
November 21, 2017	SCHOOL BUILDING COMMITTEE MEETING			
	Update on Sustainable Design Goals			
	Update on Construction Alternatives			
	Preliminary Options Evaluation			
	Review Construction Delivery Method			
December 5, 2017	SCHOOL BUILDING COMMITTEE MEETING			
	Update on Construction Alternatives			
	Review Cost Models			
	Options Evaluation			
	Discuss the One Preferred Option			
	Prepare for Community Forum			
December 11, 2017	COMMUNITY FORUM NO. 5 - 6:00 to 8:00 PM -			
	NORTHBRIDGE ELEMENTARY SCHOOL CAFETERIA			
December 19, 2017	CM PREQUALIFICATION MEETING @ 5:30 PM			
	Review Draft RFQ			
December 19, 2017	SCHOOL BUILDING COMMITTEE MEETING			
	Decide the One Preferred Construction Alternative			
	Vote to Submit Preferred Schematic Report to MSBA			
January 3, 2018	SUBMIT PREFERRED SCHEMATIC REPORT PACKAGE TO MSBA			
	ADDITIONAL MEETINGS TO BE SCHEDULED			



	SCHOOL BUILDING COMMITTEE			
W. EDWARD BALMER ELEMENTARY SCHOOL				
All meetings held at the				
	High School Media Center at 6:30 PM			
	unless otherwise noted			
	uniess otherwise noted			
	MEETINGS SCHEDULE AND AGENDAS			
DATE	October 30, 2017 Updated December 11, 2017 AGENDA			
Schematic Design Phase (SD)	AGENDA			
January 9, 2018	CM PREQUALIFICATION SUBCOMMITTEE MEETING			
	Approve RFQ			
January 16, 2018	CM INFORMATIONAL MEETING			
January 16, 2018	SCHOOL BUILDING COMMITTEE MEETING			
	Review Schematic Design Phase Schedule and Deliverables			
	Prepare for MSBA FAS Meeting			
January 30, 2018	SCHOOL BUILDING COMMITTEE MEETING			
	Review Updated Site and Floor Plans			
	Review Preliminary Exterior Imagery			
	Prepare for MSBA Board Meeting			
February 6, 2018	CM PREQUALIFICATION SUBCOMMITTEE MEETING			
	Prequalify CM Firms to Receive RFP			
February 27, 2018	CM SELECTION SUBCOMMITTEE			
	Review CM Proposals			
February 14, 2018	MSBA BOARD MEETING			
March 6, 2018	SCHOOL BUILDING COMMITTEE MEETING			
	Review MSBA Board Meeting			
	Review Updated Site Plan and Floor Plans			
	Review Updated Exterior Imagery			
	Review Preliminary Mechanical and Electrical Systems			
	Review Updated Sustainable Design Features			
	Review Preliminary Building Sections			
	Prepare for Community Forum No. 6			
March 7, 2018	CM SELECTION SUBCOMMITTEE			
	CM Interviews			
March 12, 2018	SCHOOL BUILDING COMMITTEE MEETING @ 5:30 PM			
	Prequalification Committee to Recommend CM Firm			
March 10, 0010	COMMUNITY FORUM NO. 6 - 6:00 to 8:00 PM -			
March 12, 2018	NORTHBRIDGE ELEMENTARY SCHOOL CAFETERIA			

	SCHOOL BUILDING COMMITTEE W. EDWARD BALMER ELEMENTARY SCHOOL
	All meetings held at the High School Media Center at 6:30 PM unless otherwise noted
	MEETINGS SCHEDULE AND AGENDAS October 30, 2017 <i>Updated December 11, 2017</i>
DATE	AGENDA
March 20, 2018	SCHOOL BUILDING COMMITTEE MEETING
	CM Introduction
	Review Progress Site Plan and Floor Plans
	Review Updated Exterior Elevations
	Review Preliminary Structural Systems
	Review Preliminary Technology Systems
	Review Preliminary FFE Layout
April 3, 2018	SCHOOL BUILDING COMMITTEE MEETING
	Review Progress Site Plan and Floor Plans
	Review Updated Exterior Elevations
	Review Final Mechanical and Electrical Systems
	Review Final Sustainable Design Features
April 17, 2018	SCHOOL BUILDING COMMITTEE MEETING
•	Final Site Plan, Floor Plans and Elevations
	Final Project Cost
	Final Project Schedule
	Vote to submit Schematic Design Cost Estimate to MSBA
April 23, 2018	COMMUNITY FORUM NO. 7 - 6:00 to 8:00 PM -
April 20, 2010	W. EDWARD BALMER ELEMENTARY SCHOOL CAFETERIA
April 25, 2018	SUBMIT SCHEMATIC DESIGN COST ESTIMATE TO MSBA
May 1, 2018	SCHOOL BUILDING COMMITTEE MEETING - 7:00 PM
	Vote to submit Schematic Design Package to MSBA
May 9, 2018	SUBMIT SCHEMATIC DESIGN PACKAGE TO MSBA
	ADDITIONAL MEETINGS TO BE SCHEDULED



### Memorandum

To:	W. Edward Balmer Elementary School Building Committee	Date:	12/19/2017
From:	Joel G. Seeley	Project No.:	17020
Project:	W. Edward Balmer Elementary School		
Re:	Designer Amendment No. 9: Land Survey Services		
Distribution:	School Building Committee (MF)		

### DESIGNER AMENDMENT NO. 9: LAND SURVEY SERVICES

FEE: \$39,600.00

**REASON:** Provide land survey services for the existing Balmer Elementary School site.

**BUDGET AVAILABILITY:** This Amendment would be funded out of the Environmental & Site Budget, ProPay Code 0003-0000, which has the current balance of \$47,796.50.

1000 Massachusetts Avenue Cambridge, MA 02138 617.547.5400

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### ATTACHMENT F

### CONTRACT FOR DESIGNER SERVICES

### AMENDMENT NO. 9

**WHEREAS**, the <u>Town of Northbridge</u> ("Owner") and <u>Dore & Whittier Architects, Inc.</u>, (the "Designer") (collectively, the "Parties") entered into a Contract for Designer Services for the <u>W.</u> <u>Edward Balmer Elementary School Project (Project Number 201502140001)</u> at the <u>W. Edward</u> Balmer Elementary School on June 26, 2017 "Contract"; and

WHEREAS, effective as of December 19, 2017, the Parties wish to amend the Contract:

**NOW, THEREFORE**, in consideration of the promises and the mutual covenants contained in this Amendment, and other good and valuable consideration, the receipt and legal sufficiency of which are hereby acknowledged, the Parties, intending to be legally bound, hereby agree as follows:

- 1. The Owner hereby authorizes the Designer to perform services for the Design Development Phase, the Construction Phases, and the Final Completion Phase of the Project, pursuant to the terms and conditions set forth in the Contract, as amended.
- 2. For the performance of services required under the Contract, as amended, the Designer shall be compensated by the Owner in accordance with the following Fee for Basic Services:

	Original Contract	Prior Amendments	This Amendment	After this Amendment
Feasibility Study Phase	\$200,000.00	\$102,203.50	\$39,600.00	\$341,803.50
Schematic Design Phase	\$225,000.00			\$225,000.00
Design Development Phase	\$			
Construction Document Phase	\$			
Bidding Phase	\$			
Construction Phase	\$			
Completion Phase	\$			
Total Fee	\$425,000.00	\$102,203.50	\$39,600.00	\$566,803.50

### Fee for Basic Services:

This Amendment is a result of: Provide Land Surveying Services for the existing Balmer Elementary School site.

ProPay Code: 0003-0000

3. The Construction Budget shall be as follows:

Original Budget:	\$ <u>NA</u>
Amended Budget	\$ <u>NA</u>

4. The Project Schedule shall be as follows:

Original Schedule:	\$ <u>NA</u>
Amended Schedule	\$ NA

5. This Amendment contains all of the terms and conditions agreed upon by the Parties as amendments to the original Contract. No other understandings or representations, oral or otherwise, regarding amendments to the original Contract shall be deemed to exist or bind the Parties, and all other terms and conditions of the Contract remain in full force and effect.

IN WITNESS WHEREOF, the Owner, with the prior approval of the Authority, and the Designer have caused this Amendment to be executed by their respective authorized officers.

OWNER

James F	R. Marzec
	(print name)
Board of	Selectmen, Town of Northbridge
	(print title)
By	
	(signature)
Date	

DESIGN	ER
Lee P. D	ore
	(print name)
<b>Principal</b>	/ Vice President, Dore & Whittier Architects
	(print title)
By	
	(signature)
Date	

DORE & WHITTIER ARCHITECTS, INC.

Mr. Joel Seeley, AIA COO, Executive Vice President Symmes Maini & McKee Associates Project Management

1000 Massachusetts Avenue Cambridge, MA 02138

Project: Balmer Elementary School FS/SD - #17-0759

Subject: ASR #9

December 11, 2017

Dear Joel,

As we have been directed by the School Building Committee to study the existing Balmer Elementary School site, we are moving forward with site-specific study of that location.

In accordance with contract Article 8, please accept the following fee proposal for additional consulting services, for the lump sum fee amount as follows:

Land Surveying Services

Nitsch Engineering Consulting Inc. \$36,000.00

\$39,600.00

Detailed property line and topographical surveys

In accordance with contract Article 9, Dore & Whittier Architects hereby submits a fee for coordination of these additional services in the amount of 10%, or \$3,600.00

### TOTAL, ASR #9

Please see the attached consultant's proposal which details scope of services and schedule. Note that all other provisions of the prime contract remain in force.

Sincerely,

DORE & WHITTIER ARCHITECTS, INC.

Architects • Project Manager

Lee P. Dore, Assoc, AIA, CSI, LEED AP, MCPPO Principal

cc. DWA Dist. file.

### ARCHITECTS PROJECT MANAGERS

260 Merrimac Street Bldg 7 Newburyport, MA 01950 978.499.2999 ph 978.499.2944 fax

212 Battery Street Burlington, VT 05401 802.863.1428 ph 802.863.6955

www.doreandwhittier.com



www.nitscheng.com

### **VERIFICATION/AUTHORIZATION OF ADDITIONAL SERVICES**

(CONTRACT AMENDMENT #1)

Project Name:	Balm	er School					
Nitsch Project Number:	1226	0.2	Date:	12/08/17			
Client:	Dore	& Whittier					
Client Mailing Address:	212 E	Battery Street					
	Burlir	igton, VT 0540	)1				
Nitsch Engineering PM:	MEV						
Description of change and services to be performed:	Detailed property line and topographic surveys.						
Instruction Received	From	: Thomas Hen	gelsber	g			
	How:	email					
	Date:	11/13/17					
Project Schedule:	$\boxtimes$	Increase		Decrease		No Change	
Fee Change:	Pres	ent Fee		Fee Change		Revised Fee	
Survey:	<u>\$13</u>	500		<u>\$36,000</u>		<u>\$49,500</u>	
Civil:							
Transportation:							
Total:	<u>\$48,</u>	<u>500</u>					
Client Authorization							
By:							
Title:							
Date:							
If we do not receive a resp Additional Service.	onse,	Nitsch Engin	eering	will assume yo	ou have	approved this	
Nitsch Distribution:		MEV		DRS			
	Project Manager			PIC		Billing File	

Note: Nitsch Engineering Terms and Conditions of original contract, dated June 26, 2017, apply with this contract revision.

Attach scopes and all assumptions, if applicable.

Q:\12260 Balmer Elem\Contract\Survey\12260.2 Task 2\12260.2 AS Form\_Task 2.docx



120 Front Street, Suite 820 Worcester, MA 01608-1425 T: 508-365-1030

www.nitscheng.com

December 8, 2017

Mr. Lee P. Dore, Assoc. AIA, LEED AP, MCPPO Principal Dore & Whittier 212 Battery Street Burlington, VT 05401 RE: Nitsch Proposal #12260.2 Balmer Elementary Land Surveying Services Additional Services Northbridge, MA

Dear Lee,

Nitsch Engineering is pleased to submit this Additional Services proposal to you (the Client) for professional land surveying services associated with the proposed new Balmer Elementary School in Northbridge, Massachusetts. Nitsch Engineering understands that you are requesting detailed topographic and property line data within the proposed work area shown on the attached Survey Limits Sketch.

This letter summarizes our scope, assumptions, schedule, and fee.

### SCOPE OF ADDITIONAL SERVICES

Nitsch Engineering will provide professional land surveying services to accomplish the following tasks:

### EXISTING CONDITIONS SURVEY

- 1. Perform property research at the Town offices, the Worcester County Registry of Deeds, and the Massachusetts Land Court for record data on the locus property, abutting properties, and easements;
- 2. Perform office calculations to determine the location of property lines and easements of record within the detailed survey limits;
- Perform survey locations to verify existing site horizontal and/or vertical control as previously established. If none exist, or should client prefer, we will perform Global Positioning Systems (GPS) observations to establish Massachusetts State Plane (NAD 83) horizontal coordinates and NAVD 1988 vertical datum for the project site and set four (4) benchmarks onsite;
- 4. Perform a detailed field topographic and location survey of approximately 24 acres of the site, as shown on the attached Survey Limits Sketch. The topographic information will be collected in a manner suitable to prepare 1-foot contours for site design purposes and will include the location of observable surface improvements within the survey limits, such as edge of pavement, curbing, sidewalks, driveway entrances, walls, visible surface utilities, utility poles, overhead wires, shutoffs, valves, call boxes, signs, landscape areas, buildings, building entrances, finished floors at doorway entrances, wetland flags, and exterior steps. Topographic features in non-vegetated areas will be obtained by our Phantom 4 Pro drone;
- 5. Obtain pipe size, material, and rim and invert elevations, for accessible sewer and drain structures within the survey limits;

Mr. Lee P. Dore, Assoc. AIA, LEED AP, MCPPO: Nitsch Proposal #12260.2P (Additional Services) December 8, 2017 Page 2 of 4

### SCOPE OF ADDITIONAL SERVICES – continued

- 6. Perform research at the gas, water, sewer, telephone, electric, cable television, and steam utility companies/departments to obtain record data on utilities in the adjacent streets and services to the property. The American Society of Civil Engineers (ASCE) has defined four (4) quality levels for depicting underground utility lines (see document CI/ASCE 38-02). Each level contains the information from the lower levels (e.g., Level C includes Level D; Level A includes Levels B, C, and D). A summary of the Quality Levels are as follows: Quality Level A locations based on actual excavation and verification, Quality Level B locations based on surface geophysical methods and remote sensing techniques, Quality Level C locations based on visible above-ground utility features, Quality Level D locations based on existing records and/or oral recollections. The survey will show utilities to Quality Level C; and
- 7. Prepare an AutoCAD drawing (.DWG), in Release 2016 or compatible version at a scale of 1 inch=20 feet, utilizing Nitsch Engineering file format and drafting standards.

### PROPOSED BUILDING STAKING

- 1. Review proposed building location and verify orientation to existing base mapping;
- 2. Perform calculations necessary to stake proposed building on the ground; and
- 3. Perform field staking of proposed building on the ground.

### WORK NOT INCLUDED IN THE SCOPE OF ADDITIONAL SERVICES

- 1. Setting lot corners or other monumentation.
- 2. Performing construction layout, preparing record plans, or performing other Construction Phase services.
- 3. Performing advanced subsurface investigation, such as Ground Penetrating Radar (GPR) or Test Pits to locate utilities.

### ASSUMPTIONS

- 1. Any revisions requested by the Client or other approving authorities after commencement of the survey will be considered Additional Services.
- 2. Regarding the utility information, Nitsch Engineering will indicate the structures and locations of utilities which are indicated on plans provided by utility companies/departments and/or that are observable on the ground surface during the survey. Nitsch Engineering does not guarantee the validity or completeness of the data from others.
- 3. Any pertinent information concerning the property lines, easements, or agreements affecting the property, including but not limited to: deeds and plans, title reports, written or verbal agreements, adverse claims and knowledge of monuments existing, removed, or disturbed, will be provided by the Client.

Mr. Lee P. Dore, Assoc. AIA, LEED AP, MCPPO: Nitsch Proposal #12260.2P (Additional Services) December 8, 2017 Page 3 of 4

### **ASSUMPTIONS – continued**

- 4. The Client will indemnify and hold harmless Nitsch Engineering and its officers, agents, and employees with regard to any errors or omissions within any record document from which information was obtained, in whole or in part, and incorporated into documents prepared by Nitsch Engineering.
- 5. The Client will provide a copy of the deed and plan of locus.
- 6. The Client is responsible for providing and arranging open and uninterrupted access to the site prior to Nitsch Engineering's arrival. Should access not be supplied, Additional Services will be required.
- 7. Zoning information is to be provided by the Client. Nitsch Engineering will not render a zoning opinion or determine compliance or non-compliance with Zoning.
- 8. The site is not subject to Article 97 of the Massachusetts Constitution.
- 9. Horizontal and/or vertical datum conversions will not be required. Any conversions will require an Additional Services agreement.
- 10. The client will obtain permission from the owner and assist with the coordination, for Nitsch to utilize our Phantom 4 Pro drone.
- 11. Only one (1) staking of the proposed building will be performed.

### TIME AND MANNER

Nitsch Engineering is prepared to begin work within 14 days upon receipt of this executed Additional Services proposal and anticipates substantial completion within 45 working, not calendar, days thereafter. The completion of field tasks will be subject to weather conditions affecting the required field work.

### COMPENSATION

Compensation for the Additional Services provided will be in accordance with the Standard Contract Terms of Nitsch Engineering's executed agreement with the Client, dated June 26, 2017. The costs for these services is \$36,000 and will be billed on a lump-sum basis. Costs will not be incurred by Nitsch Engineering beyond this amount without verbal approval from the Client. Expenses are included in the above-listed fees.

Mr. Lee P. Dore, Assoc. AIA, LEED AP, MCPPO: Nitsch Proposal #12260.2P (Additional Services) December 8, 2017 Page 4 of 4

We look forward to working with you on this project. Should the conditions of this Additional Services proposal meet with your approval, please sign the Client Authorization section below and return this Additional Services proposal to us for our files. If Nitsch Engineering is authorized to commence and/or continue providing its services on the project, either verbally or in writing, prior to the full execution of a written contract, such authorization will be deemed an acceptance of this Additional Services proposal, and all such services will be provided and compensated for in accordance with the terms and conditions contained herein as though this Additional Services proposal were fully executed by the Client.

If you have any questions, please call.

Very truly yours,

Nitsch Engineering, Inc.



Mark E. Violette, PLS Senior Project Manager

MEV/mma

Enclosures: Survey Limits Sketch

Q:\12260 Balmer Elem\Contract\Survey\12260.2 Task 2\12260.2\_Task2 Survey Proposal.docx

### **CLIENT AUTHORIZATION**

This Additional Services proposal is hereby accepted by the Client as evidenced by the execution hereof, and such a person so executing the same on behalf of the Client does hereby warrant full authority to act for, in the name of, and on behalf of the Client.

Such acceptance provides full authorization for Nitsch Engineering to proceed with providing the Scope of Additional Services under the terms and conditions stated herein.

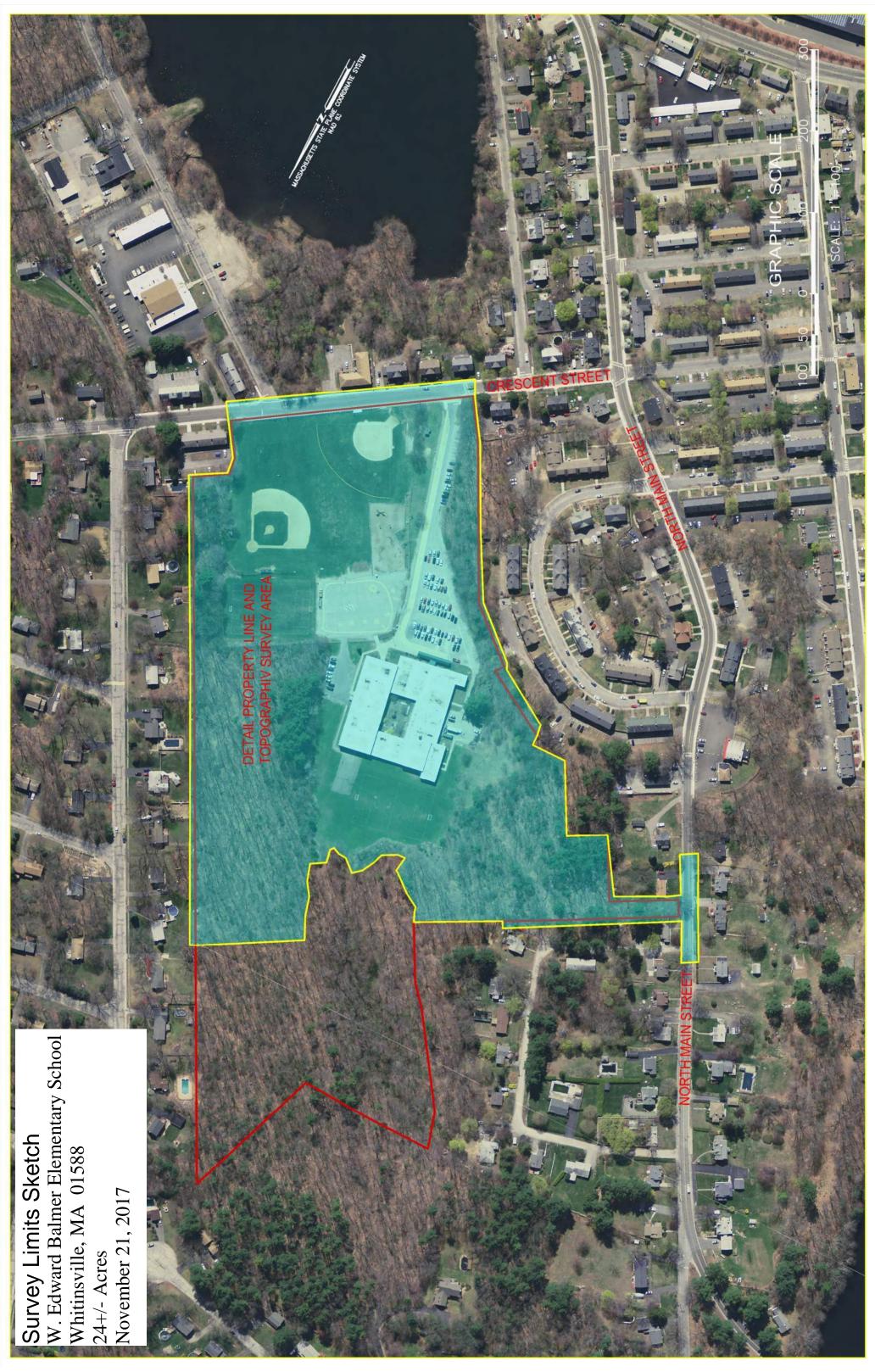
Signature

Date

Printed Name and Title

Approved by:

Denis R. Seguin, PLS Vice President – Land Surveying





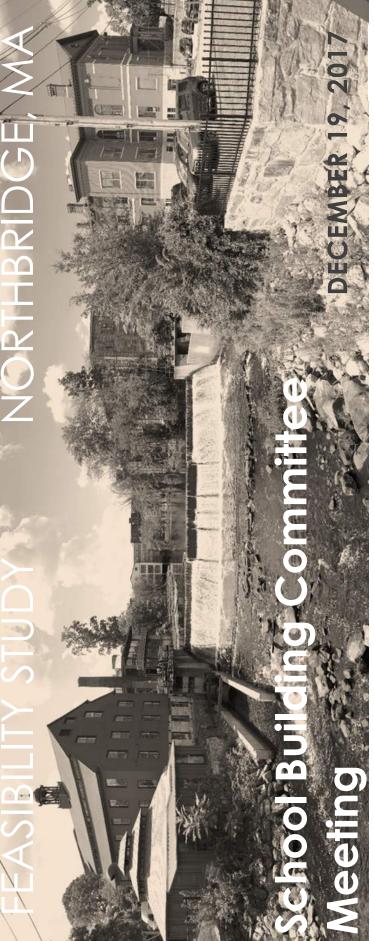
### Q2. Please provide any additional feedback you have on any of these specific options

- 1. Rear of the site is imperative for safety
- C3.3 Student bee allergies poor side effect of great space we don't use 1/2 of the school year. Very concerned about only 1 cafe for 1000 students. They only have so long to eat. More students more noise. Kids are learned how to be social; too many kids in 1 cafe --> 1. anxiety, 2. too loud regardless of snazzy spots
- 3. New build, will field replacements be addressed. Many sports utilize Balmer/Vail fields.
- 4. The combining of both schools makes most sense/ most cost effective. Maybe NES could be future site of a new fire station!
- 5. A new elementary school in the town of Northbridge is long overdue. It is imperative that the voters of this town choose Option C5 so the students, teachers and staff can experience a proper environment that is conducive to working, teaching and learning.
- 6. A Pre-K to 5 is the best option as you can eliminate another older building. The NES can be used for another town resource such as a Public Safety Complex. I would also see about being able to move some of the Administration Building into the new building as well.
- 7. There needs to be better education of this project with all town board volunteers. Was recently at a Conservation Commission meeting and one member of their board was telling the other members of the board that the project is a waste of time and back in "1988" they had enough schools but the town closed too many buildings. Person also stated that they didnt care what the option was, they would vote no so their taxes do not go up!
- 8. Curious about tax increase for town's people. Those 60 million dollar figures won't fly in this town with huge tax increase.
- 9. Your proposals for the combined school building will raise taxes 20% in one year and will stay there for the next 20 years. My social security does not increase 20%!
- 10. I don't like having over 1000 kids in one building however it doesn't seem to make sense to spend tons of money on NES.
- 11. C3.1b and C5 are practically tied in my opinion.... makes a lot more sense for school administrators and police to make decision of front or back, based on ease of long term crime/vandalism prevention. Please, please no to the other 'options'!
- 12. I think it is very beneficial to keep the age range in the school small. Having pre-k through grade 5 introduces a lot of new concerns.
- 13. Greatly prefer including NES in the plan
- 14. Love combining all grades to 1 school
- 15. NES can't continue to exist in its current state. The 2nd floor is such a disgrace
- 16. I assume improved traffic flow will be part of whatever redesign is selected.
- 17. n/a
- 18. I believe consolidating prek through 5 in the same building would enhance the educational experience and outcomes for students.
- 19. None
- 20. having the kids in one school the best way possible
- 21. Both schools need long term solutions
- 22. Town should Offset the Cost of School Project. Hard sell, \$700-\$800 dollars a year to Prop Tax Bill, unless Offsets. 1. Solar Farms on Town Owned Land, suggestively bring in an extra \$300,000 dollars a year for 30 years. Partner with the group that wants to put a Solar Farm on on Quaker and Pullard Rd, Special Town Meeting in February 2018., for that project. 2. Audit all Town owned land, while it is a Sellers market, maybe sell some of the

land to offset cost of the new School project? 3. Sell advertisement space, in all Town mailing correspondence. Like the Registry of Motor Vehicle does in it Registration renewals. Help Offset cost of School. 4. Seek additional State Aid for project from our State Representatives, and Congressman Jim McGovern's Office also. 5. Seek MEMA and FEMA Grants, if it is to be used as an Emergency Shelter for the Town?

- 23. A new building and consolidation will is clearly the economical choice. Heating and powering one building as opposed to two as well as the other infrastructure items will save in the long run.
- 24. \$60 million is outrageous for this community.
- 25. All these solutions are too expensive.
- 26. Other options needed. Ridiculous amount of money for only addressing 1 issue
- 27. None
- 28. N/a
- 29. Haven't been attending meeting but following along from home
- 30. Solutions which consolidate Balmer and the Elementary Schools are better than the one which does not. Otherwise we'll be doing this all again as the Elementary school falls down. Also, when planning parking esuring that there is plenty of room for SAFE parent pick up will be important as school bus fees go up and the 5th graders are not included in the state law that says they have to be bussed at no extra cost.
- 31. New is better then reno

# W. EDWARD BALMER SCHOOI











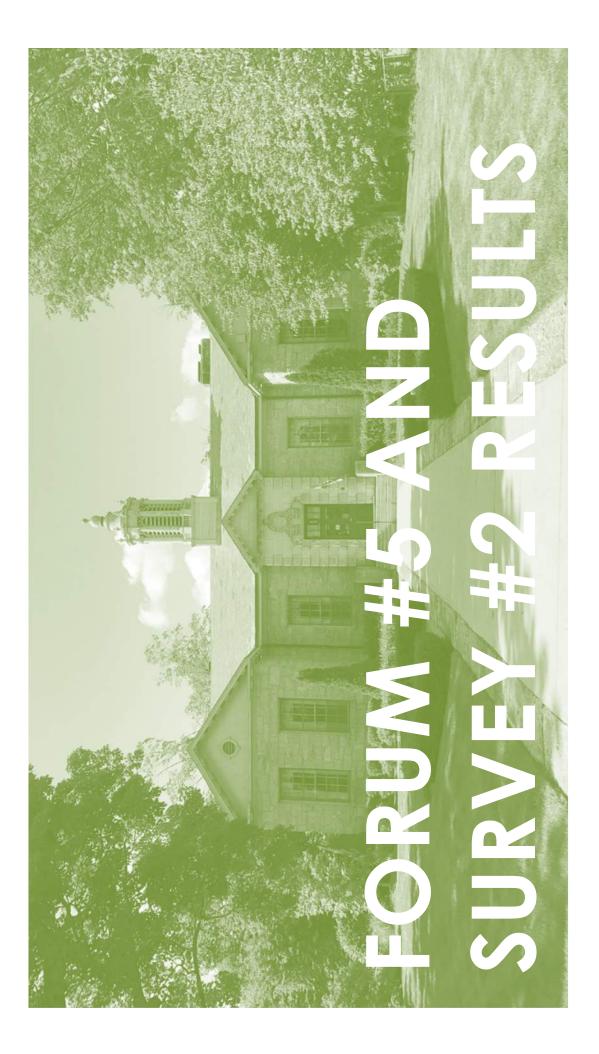


M Massachusetts School Building Authority

### agenda



- 2. Design Alternatives and Costs Review
- 3. Options Matrix Review of Tabulation
- 4. Vote on the One Preferred Alternative
- 5. Questions, Comments, Feedback



### FORUM #5 DISCUSSION:

- Good questions and discussion
- "B2- academically/ fiscally bad choice."
- "C2 huge disruption, and there are much better options."
- "C3.2 lost academic time with travel in building."
- "Academic compromises with C3.3"
- "With C5, don't like front of site for safety reasons." •





### FORUM #5 DISCUSSION:

- Discussed location of building on the site
- Discussed property values and the role schools play

discourse

"The time to build is now – costs are stable, reimbursement

rate is high."

- Three breakout group discussions:
- Two tables favored Option C3.1b
- "Front runner." "Less disruption, no phased takedown."
- One table favored Option C5
- "Better for neighborhood."



## SURVEY #2 DISCUSSION:

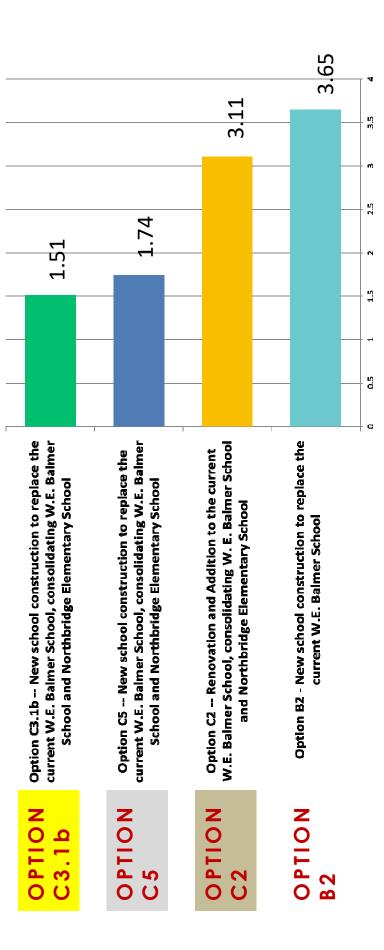
- 85 responses web and paper
- Good cross-section of population
- Survey results overwhelmingly favor

**Option C3.1b** 





options to four final designs. Which of the following design alternatives options with 1 being the best long-term solution and 4 being the least. educating its elementary school children? Please rank the following provides the Northbridge Community the best long-term plan for SURVEY #2 Q1 The School Building Committee has narrowed the



	OPTION C3.1b	OPTION C5	OPTION C2	OPTION B2
Score	1.51	1.74	3.11	3.65
Total	85	85	85	85
3 4 Less Least Favorable	%0 %0	2%	24% 20	74% 63
3 Less Favorable	5	5%	68% 58	21%
2 Favorable	39% 33	58% 49	4% 3	0 %0
1 Most Favorable	55% 47	35% 30	5%	5%
	<b>Option C3.1b</b> New school construction to replace the current W.E. Balmer School, consolidating W.E. Balmer School and Northbridge Elementary School	<b>Option C5</b> New school construction to replace the current W.E. Balmer School, consolidating W.E. Balmer School and Northbridge Elementary School	<b>Option C2</b> Renovation and Addition to the current W.E. Balmer School, consolidating W. E. Balmer School and Northbridge Elementary School	<b>Option B2</b> - New school construction to replace the current W.E. Balmer School

### SURVEY #2 Q1 Results

S U a n	<mark>SURVEY #2 Q2</mark> Please provide any additional feedback you have on any of these specific options.
• •	[Building at] rear of the site is imperative for safety The combining of both schools makes sense/most cost effective. Maybe NES could be future site of a new fire
٠	A Prek to 5 is the best option as you can eliminate another older building. The NES can be used for
	Complex. [Evaluate moving]the Administration Offices into the new building as well.
•	Curious about tax increase for town's people. Those 60 million dollar figures won't fly in this town with huge tax increase.

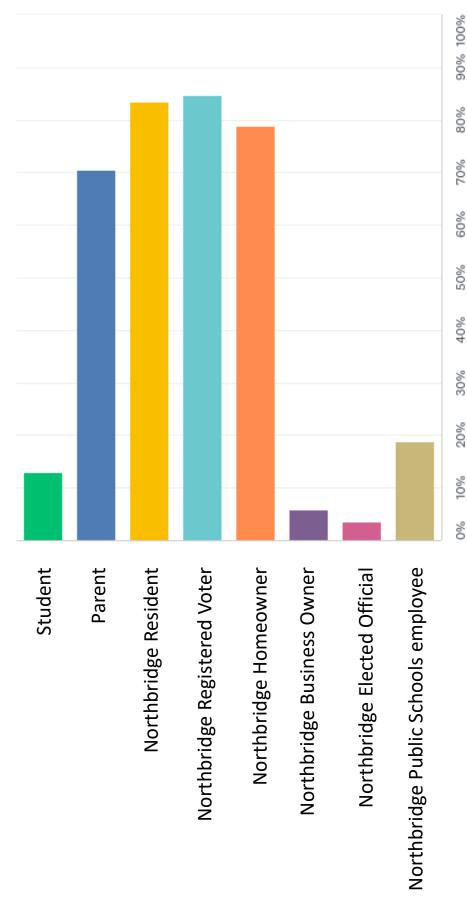
S U a n	SURVEY #2 Q2 Please provide any additional feedback you have on any of these specific options.
٠	Proposals for the combined school building will raise taxes 20% in one vear and will stay there for the next 20
	years. My social security does not increase 20%!
٠	C3.1b and C5 are practically tied in my opinion
	makes a lot more sense for school administrators and
	police to make decision of front or back, based on ease
	of long term crime/vandalism prevention. Please,

building would enhance the educational experience I believe consolidating PreK through 5 in the same and outcomes for students.

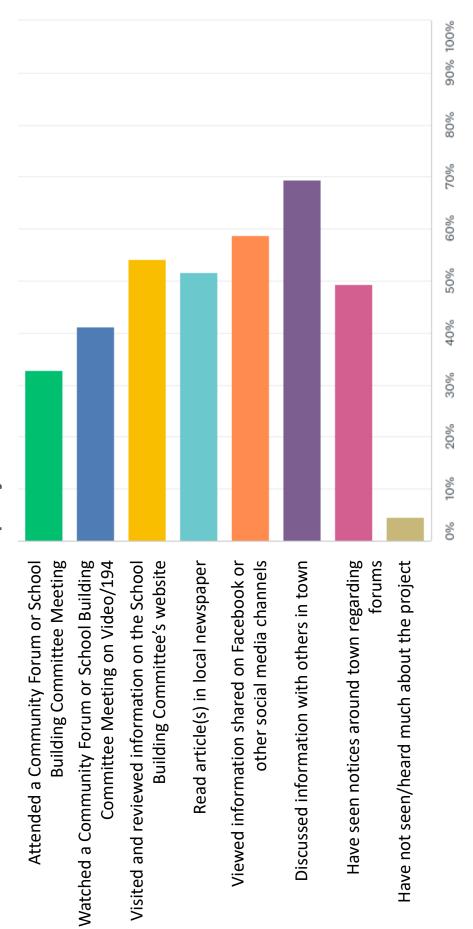
please no to the other "options"!

Both schools need long term solutions. 

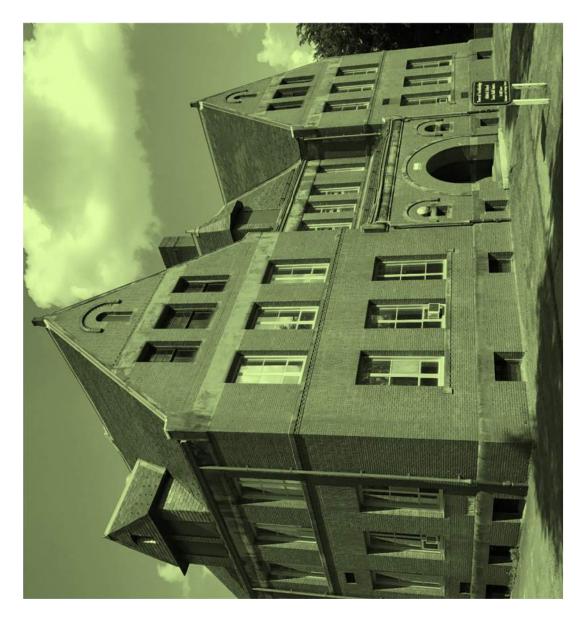
Please select all stakeholder groups that apply to you. SURVEY #2 Q3



Please check all the following ways in which you've learned about the status of the project. SURVEY #2 Q4

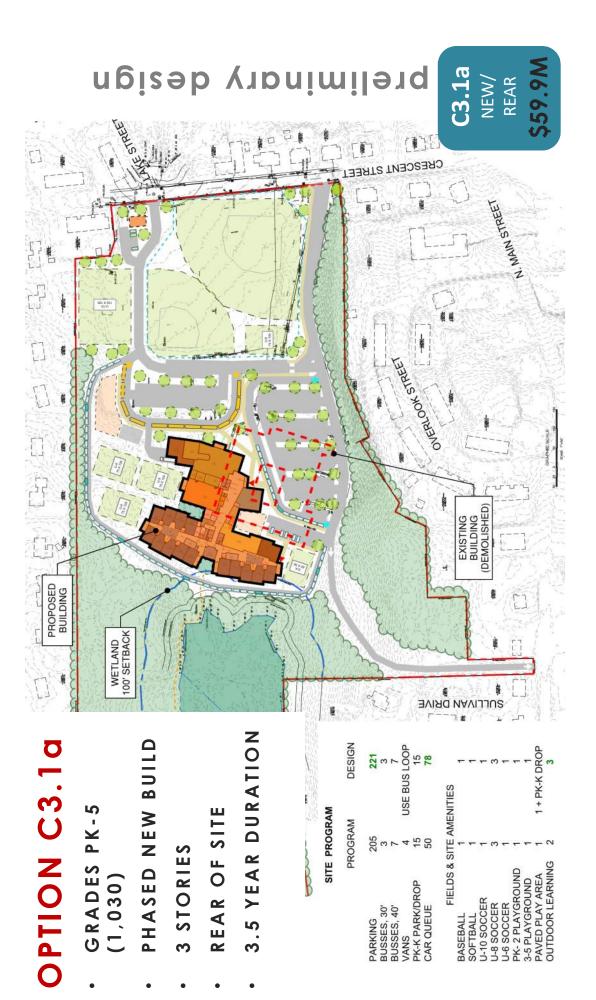


### SELECTED DESIGN OPTIONS COSTS





### **KEEP EXISTG RENO/ADD** \$60.0M preliminary design 2 (1)[] T) 5 CRESCENT STREE N. MAIN STREET FT-T 1 D -ET. ŝ 畫 OVERLOOK STREET E-A 000 4 橫 • EXISTING BUILDING (RENOVATED) 5 PROPOSED ADDITION 100' SETBACK WETLAND 雍 В ОГГІЛАИ ДКІЛЕ 臣 Ŷ 2 **USE BUS LOOP USE PK-K DROP 2 STORY ADDITIONS** DESIGN з **248** 3 **4 YEAR DURATION** 12 26 4 FIELDS & SITE AMENITIES **OPTION C2 EXISTING SITE** GRADES PK-5 (1,030) SITE PROGRAM PROGRAM ADD/RENO 4 15 50 205 3 7 3-5 PLAYGROUND PAVED PLAY AREA OUTDOOR LEARNING U-6 SOCCER PK- 2 PLAYGROUND PK-K PARK/DROP CAR QUEUE **U-10 SOCCER** BUSSES, 30' BUSSES, 40' **U-8 SOCCER BASEBALL** SOFTBALL PARKING VANS







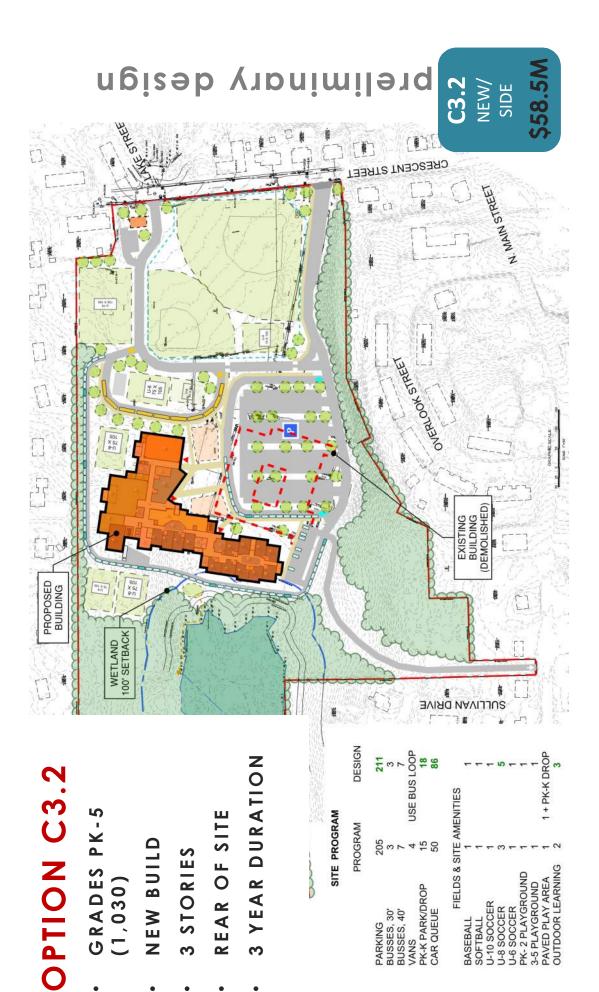


#### preliminary design

# **OPTION C3.1b** - view from Crescent Street









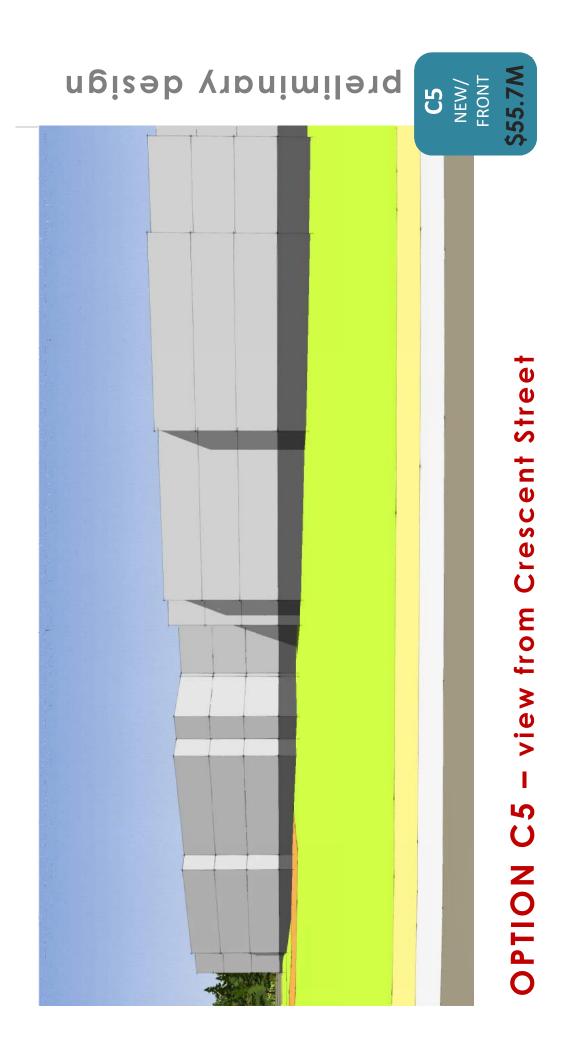


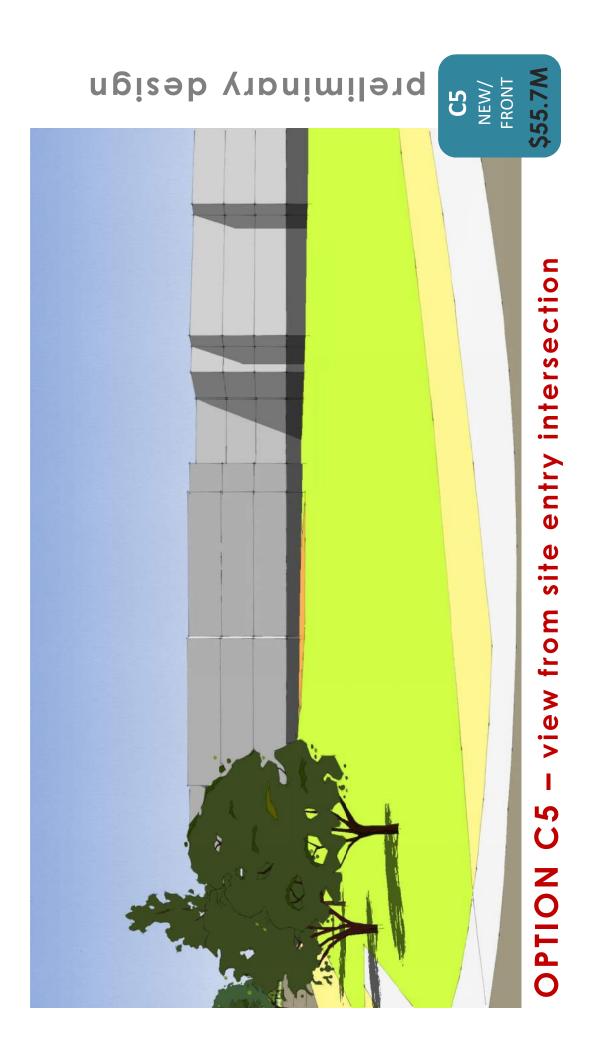
- GRADES PK-5
   (1,030)
- NEW BUILD
- 3 STORIES
- FRONT OF SITE
- **3 YEAR DURATION**













preferred schematic

## TO TOWN COST **OPTIONS REVIEW WITH**

Estimated costs are preliminary and subject to change as the project is refined.

\$55.7M C 22 C3.3 \$62.5M



### C3.1B \$58.0M





### C3.1A \$59.9M





### C2 \$60.0M



#### \$40.5M **B**2

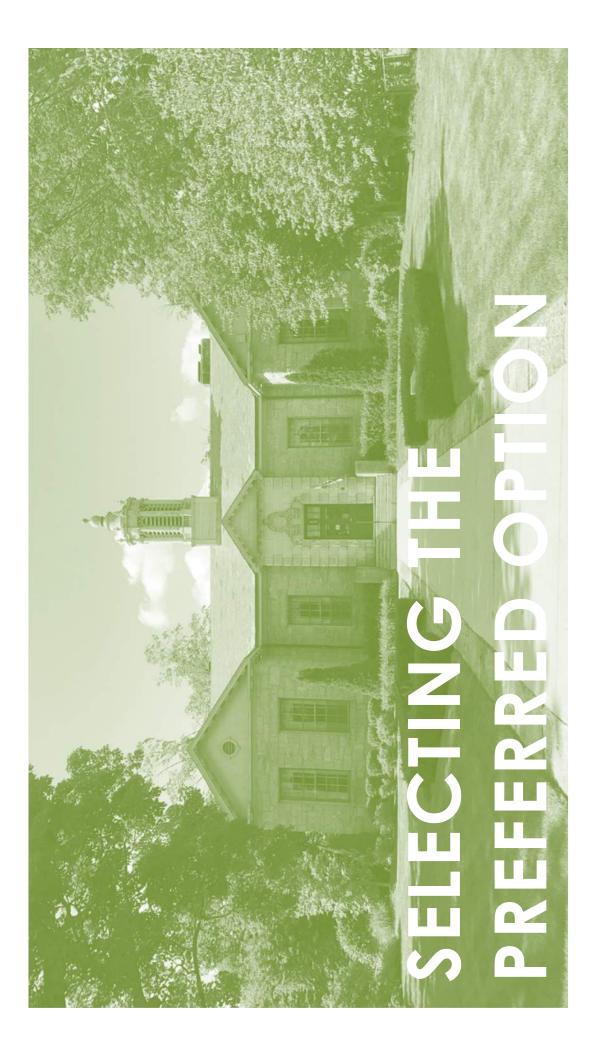
#### Balmer + NES **GROUP A**

DM ONLY CODE/

\$53.0M total







# **OPTIONS EVALUATION MATRIX**

Option C5

Option C3.3

Option C3.2

Option C3.1b

Option C3.1a

Option C2

Option B2

Option A

			510 Students	1030 Students	1030 Students	1030 Students	1030 Students	1030 Students	1030 Students
			Now Construction		Renovation/ Addition New Construction @	New Construction @	New Construction @	New Construction @	New Construction @
		CIP Only	(@ Balmer -	wp	Balmer	Balmer	Balmer	Balmer	Balmer
		(Base Repair)	REAR OF SITE	RENO	A new contract to the second se				
				WING	REAR OF SITE	REAR OF SITE	REAR OF SITE	REAR OF SITE	FRONT OF SITE
	Name								
1	Joseph Strazzulla	25	99	49	68	75	75	73	71
2	Melissa Walker	43	67	42	75	82	80	68	75
m	James Marzec	34	56	69	74	79	85	76	87
ধ	Michael LeBrasseur	52	78	64	83	88	80	78	84
ŝ	Paul Bedigian	57	76	72	84	87	84	72	85
Ŷ	Steve Gogolinski	68	86	51	69	75	71	64	62
7	Jeff Tubbs	47	59	53	69	72	73	63	72
æ	Peter L'Hommedieu	36	80	54	72	78	75	70	80
6	Jeff Lundquist	47	76	69	81	85	84	83	82
10	Andrew Chagnon	26	67	51	64	67	71	69	70
11	Spencer Pollack	32	92	88	89	97	97	80	97
12	Adam Gaudette	53	58	53	81	84	п	64	66
13	Catherine Stickney	43	69	58	75	82	80	68	75
14	Steven Von Bargen	39	90	37	80	86	80	76	84
15	Karlene Ross	47	16	64	т	83	81	т	82
16	Jill Healy	58	84	64	76	85	84	69	67
17	Kathleen Perry	20	79	58	76	83	86	69	79
	Average	ge 42.8	74.9	58.6	76.1	81.6	79.9	71.7	77.5

## All SBC members

Average         R.           OptionA         42.8         74.9           OptionB2         74.9         74.9           OptionC2         74.9         76.1           OptionC3.1a         76.1         76.1           OptionC3.1a         76.1         76.1           OptionC3.2         79.9         79.9	<b>OPTIONS EVALUATION MATRIX</b>	ATRIX
.1a .1b .2	Average	Rank
.1a .1b .2	42.8	8
.1a .1b .2	74.9	5
	58.6	7
		4
		1
		2
OptionC3.3 71.7		6
OptionC5 77.5	77.5	3

All SBC members

# **OPTIONS EVALUATION MATRIX**

		Option	Option	Option	Option	Option	Option	Option	Option
		A	82	ß	G.1a	<b>G.1b</b>	G.2	C.C.	ຍ
			510 Students	1030 Students	1030 Students	1030 Students	1030 Students	1030 Students	1030 Students
			Mane Canadanation	Renovation/ Addition	Renovation/ Addition New Construction @	New Construction @	New Construction @	New Construction @	New Construction @
		CIP Only	New Loristruction @ Balmer -	@ Balmer - KEEP &	Balmer	Balmer	Balmer		Balmer
		(Base Repair)	REAR OF SITE	RENO ACADEMIC WING	REAR OF SITE	REAR OF SITE	REAR OF SITE	REAR OF SITE	FRONT OF SITE
	Name	-							
Ţ	Joseph Strazzulla	25	66	49	88	75	75	R	и
2	Melissa Walker	43	67	42	75	82	80	68	75
m	James Marzec	34	56	69	74	79	85	76	87
4	Michael LeBrasseur	52	78	64	83	88	80	78	84
ŝ	Paul Bedigian	57	76	72	84	87	84	72	85
Q	Steve Gogolinski	68	86	51	69	75	71	64	62
L	Jeff Tubbs	47	59	23	69	72	73	63	72
œ	Peter L'Hommedieu	36	80	54	u	78	75	70	80
6	Jeff Lundquist	47	76	69	81	85	84	83	82
10	Andrew Chagnon	26	67	51	64	67	71	69	70
11	Spencer Pollack	32	92	88	88	97	97	80	97
	Average	ige 42.5	73.0	60.2	75.3	80.5	79.5	72.4	78.6

## Voting members only

<b>OPTIONS EVALUATION MATRIX</b>	ATION	MATRIX
	Average	Rank
OptionA	42.5	8
OptionB2	73.0	ß
OptionC2	60.2	7
OptionC3.1a	75.3	4
OptionC3.1b	80.5	1
OptionC3.2	79.5	2
OptionC3.3	72.4	9
OptionC5	78.6	З

Voting members only



