

PROJECT MINUTES

Project: New W. Edward Balmer Elementary School Project No.: 17020 Prepared by: Joel Seeley Meeting Date: 1/2/19 School Building Committee Meeting Re: Meeting No: 35 Location: High School Media Center Time: 6:30pm

Distribution: School Building Committee Members, Attendees (MF)

Attendees:

PRESENT	NAME	AFFILIATION	VOTING MEMBER
✓	Joseph Strazzulla	Chairman, School Building Committee	Voting Member
✓	Melissa Walker	School Business Manager	Voting Member
	Alicia Cannon	Representative of the Board of Selectmen	Voting Member
✓	Michael LeBrasseur	Chairman, School Committee	Voting Member
✓	Paul Bedigian	Representative of the Building, Planning, Construction Committee	Voting Member
✓	Steven Gogolinski	Representative of the Finance Committee	Voting Member
✓	Jeffrey Tubbs	Community Member with building design and/or construction experience	Voting Member
	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
✓	Andrew Chagnon	Community Member with building design and/or construction experience	Voting Member
✓	Spencer Pollock	Parent Representative	Voting Member
✓	Adam Gaudette	Town Manager	Non-Voting Member
✓	Dr. Catherine Stickney	Superintendent of Schools	Non-Voting Member
✓	Richard Maglione	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
	Gregory Rosenthal	Director of Pupil Personnel Services	Non-Voting Member
	Lee Dore	D & W, Architect	
✓	Thomas Hengelsberg	D & W, Architect	
✓	Dominick Puniello	Garcia, Galuska, DeSousa (GGD), Mechanical Engineer	
✓	Mathew DiSalvo	Garcia, Galuska, DeSousa (GGD), Mechanical Engineer	
✓	David Pereira	Garcia, Galuska, DeSousa (GGD), Electrical Engineer	
	David Fontaine, Jr	Fontaine Bros, CM	
✓	David Fontaine, Sr	Fontaine Bros, CM	
✓	Jim Mauer	Fontaine Bros, CM	
✓	Joel Kent	Fontaine Bros, CM	
✓	Derek Richardson	Fitzemeyer & Tocci, (F&T) Commissioning Agent	
✓	Joel Seeley	SMMA, OPM	

| PROVIDENCE, RHODE ISLAND

Project: New W. Edward Balmer Elementary School

Meeting Date: 1/2/19
Meeting No.: 35
Page No.: 2

Item #	Action	Discussion
35.1	Record	Call to Order, 6:39 PM, meeting opened.
35.2	Record	Public Comments – no comments
35.3	Record	A motion was made by M. LeBrasseur and seconded by S. Gogolinski to approve the 12/18/18 School Building Committee meeting minutes. Motion passed unanimous by those attending.
35.4	Record	Warrant No. 19 was reviewed.
		A motion was made by P. Bedigian and seconded by M. LeBrasseur to approve Warrant No. 19. No discussion, motion passed unanimous.
35.5	Record	J. Seeley distributed and reviewed the Budget Tracking Form thru 12/31/18, attached, for the Total Project Budget.
35.6	Record	J. Seeley distributed and reviewed Designer Amendment No. 12, dated 1/2/19 for soil testing for possible natural occurring arsenic, in the amount of \$4,290.00 to be charged against ProPay Budget 0204-0300, which has a balance of \$85,000.00, attached.
		Committee Discussion:
		 P. Bedigian asked if additional geotechnical borings will be required also? T. Hengelsberg indicated no, the geotechnical borings already performed are sufficient.
		 A. Chagnon asked if the \$85,000 budget is sufficient? J. Seeley indicated yes, the \$85,000 budget is sufficient based on currently known information.
		A motion was made by A. Chagnon and seconded by J. Lundquist to approve Designer Amendment No. 12, dated 1/2/19 and recommend signature by A. Cannon. No discussion, motion passed unanimous.
35.7	J. Seeley	J. Seeley distributed and reviewed the updated Meetings and Agendas Schedule for the Design Development Phase inclusive of the Educational Working Group meetings, attached.
		J. Seeley to add the 3/5/19 Educational Working Group meetings and re-issue.
35.8	T. Hengelsberg	T. Hengelsberg to refine the sidewalk layouts for a future Committee meeting.
35.9	A. Gaudette J. Seeley	A. Gaudette and J. Seeley to follow-up on execution of the Project Funding Agreement, PFA, by A. Cannon.
35.10	J. Seeley	A. Chagnon and J. Seeley provided information from another community that has procured Photovoltaic Panel Systems (PV) on several school projects. They utilized a RFP process to hire a solar developer under a Power Purchase Agreement (PPA).
		A PV Working Group comprised of A. Chagnon, J. Strazzulla, A. Gaudette, M. Walker and R. Maglione will explore further.
		J. Seeley to organize a meeting with the Working Group and a solar developer.
35.11	T. Hengelsberg	T. Hengelsberg to post periodic progress updates of the Design Development drawings for Committee review. The Design Development Pricing Set scheduled to be issued on 2/22/19, will be posted.

Project: New W. Edward Balmer Elementary School

Meeting Date: 1/2/19
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Item #	Action	Discussion
35.12	T. Hengelsberg	Site Design
		T. Hengelsberg will provide detailed cut and fill analysis, by material, with the Design Development Pricing Set for Committee review.
		T. Hengelsberg will provide existing top soil characterization for gradient and nutrient enhancements for Committee review.
		3. T. Hengelsberg will provide direction if the U-10 soccer field can be shifted west to increase the separation and buffer along the east property line.
35.13	T. Hengelsberg	Building Elevation Design
		 T. Hengelsberg will provide analysis showing cut sheets, cost, life cycle cost, life span, maintenance, warranty and durability for each of the siding options for Committee review.
35.14	D. Richardson	J. Seeley introduced D. Richardson of Fitzemeyer & Tocci, (F&T) the Commissioning Agent. D. Richardson provided an overview the Commissioning Agent services and functional testing approach for the project.
		Committee Discussion:
		 J. Lundquist asked what other systems are tested in addition to MEP systems? D. Richardson indicated examples of other systems are security systems, fire alarm systems, and tele/data systems. D. Richardson will provide a listing from the standard MSBA contract.
35.15	M. DiSalvo	T. Hengelsberg introduced D. Puniello and M. DiSalvo of Garcia, Galuska, DeSousa, (GGD), the HVAC Engineers. M. DiSalvo presented an overview of the HVAC System, attached.
		Committee Discussion:
		 M. LeBrasseur asked why is the kitchen heated and ventilated only? M. DiSalvo indicated the kitchen is under negative air pressure due to the high amount of exhaust requirements creating air flow and indirect cooling from the conditioned cafeteria into the kitchen space.
		 J. Strazzulla asked if radiant ceiling panels in the classroom are more efficient than heating by forced hot air? M. DiSalvo indicated yes, the radiant ceiling panels are more efficient.
		 J. Tubbs asked will the specifications include sufficient training requirements for the school department's maintenance staff? M. DiSalvo indicated yes, the specifications will include training requirements, including video taping, and GGD will work with the school department to further define.
		4. J. Lundquist asked if additional classroom spaces should be air conditioned for future SPED needs. K. Poss, J. Hook, and C. Stickney indicated no, there are sufficient SPED spaces.
35.16	Record	K. Ross, J. Healy and C. Stickney indicated no, there are sufficient SPED spaces. T. Hengelsberg introduced D. Pereira of Garcia, Galuska, DeSousa, (GGD), the Electrical Engineer. D. Pereira presented an overview of the Electrical System, attached.

Project: New W. Edward Balmer Elementary School

Meeting Date: 1/2/19
Meeting No.: 35
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Item #	Action	Discussion
		Committee Discussion:
		 A. Chagnon asked if the site lighting design has been developed? D. Pereira indicated not yet, the design will commence after being informed by the Security Meeting scheduled for 1/9/19.
35.17	Record	T. Hengelsberg presented an overview of the Plumbing and Fire Protection Systems, attached.
		Committee Discussion:
		 J. Lundquist asked if there will be floor drains in the toilet rooms? T. Hengelsberg indicated yes, there are floor drains in the toilet rooms.
		A. Chagnon asked if a rainwater harvesting system is in the project. T. Hengelsberg indicated no, a rainwater harvesting system is not in the project.
35.18	Record	J. Strazzulla indicated the Northbridge's Green Communities inquiry was responded to and they are all set.
35.19	Record	Site Permitting
		J. Seeley indicated the 12/19/18 hearing for the ANRAD with the Conservation Commission was continued to 1/16/19 at 7:15pm to allow for a site walk with the Conservation Commission, which occurred on 12/27/18. There were no significant changes noted to the flagged wetland line during the site walk.
		Committee Discussion:
		 M. LeBrasseur asked if there will be permitting fees? J. Seeley indicated the Conservation Commission will not have a permit fee, but they may retain a 3rd party peer reviewer and their cost would be a project cost.
35.20	Record	Old or New Business - none
35.21	Record	Next SBC Meeting: 1/15/19 at 6:30 pm at the High School Media Center. The anticipated agenda items are a review of updated site and floor plans and interior designs of instructional spaces and materials.
35.22	Record	A Motion was made by A. Chagnon and seconded by P. Bedigian to adjourn the meeting. No discussion, motion passed unanimous.

Attachments: Agenda, Warrant No. 19, Budget Tracking Form, Designer Amendment No. 12, updated Meetings and Agendas Schedule for the Design Development 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

PROJECT MEETING SIGN-IN clarid percies Cog g-d.com

Project: Prepared by: W. Edward Balmer Elementary School

Joel Seeley

Re:

School Building Committee Meeting

Location:

High School Media Center

427 Linwood Avenue, Whitinsville, MA

Distribution:

Attendees, (MF)

Project No.:

Meeting Date: Meeting No:

1/2/2019

Time:

6:30pm

SIGNATURE	ATTENDEES	EMAIL EMAIL	AFFILIATION
The fine	Joseph Strazzulla	jstrazzulla@nps.org	Chairman, School Building Committee
1 MUMU (/	Melissa Walker	mwalker@nps.org	School Business Manager, MCPPO
West -	Alicia Cannon	Cannonhome0927@gmail.com	Member, Board of Selectmen, CEO
Million	Michael LeBrasseur	mlebrasseur@nps.org	Chairman, School Committee
The pressure	Paul Bedigian	bedigianps@cdmsmith.com	Representative of the Building, Planning, Construction Committee
my soul	Steven Gogolinski	steve@gogolinskicpa.com	Representative of the Finance Committee
Af Tubs	Jeffrey Tubbs	jtubbs@charter.net	Member of community with architecture, engineering and/or construction experience
1 (1	Peter L'Hommedieu	PLHommedieu@shawmut.com	Member of community with architecture, engineering and/or construction experience
MYV	Jeff Lundquist	jlundquist@therichmondgroup.com	Member of community with architecture, engineering and/or construction experience
a	Andrew Chagnon	achagnon@vertexeng.com	Member of community with architecture, engineering and/or construction experience
ZM/K	Spencer Pollock	spencerpollock22@gmail.com	Parent Representative
10	Adam Gaudette	agaudette@northbridgemass.org	Town Manager
there sperry)	Dr. Catherine Stickney	cstickney@nps.org	Superintendent of Schools, NPS
CHARGY	Richard Maglione	rmaglione@nps.org	Building Maintenance Local Official
presel Con	Karlene Ross	kross@nps.org	Principal, W. Edward Balmer Elementary School
su Hay	Jill Healy	jhealy@nps.org	Principal, Northbridge Elementary School
	Gregory Rosenthal	grosenthal@nps.org	Director of Pupil Personnel Services
04	Lee P. Dore	lpdore@DoreandWhittier.com	Dore & Whittier Architects
m Zhi	Thomas Hengelsberg	thengelsberg@DoreandWhittier.com	Dore & Whittier Architects
ANIO FONTRILL	David Fontaine, Sr.	DFontaine@fontainebros.com	Fontaine Bros., Inc.
	David Fontaine, Jr.	dir@fontainebros.com	Fontaine Bros., Inc.
/ Mana	Mark Abdella	mabdella@fontainebros.com	Fontaine Bros., Inc.
AMIL	Jim Mauer	Jmauer@fontainebros.com	Fontaine Bros., Inc.
	Joel Seeley	jseeley@smma.com	SMMA

1000 Massachusetts Avenue Cambridge, MA 02138 617.547.5400



jkent@fontainebros.com FONTAINE BROS., INC. July JOEL KENT Hete V. Dehn Metthew V. Disalvo dom-puniello eg-g-d.com GGD Consulting Hatthew Disalvo @g-g-d.com GGD ineors, Inc. david_pereira eg-g-d.com GGD W. David Pereira ACHAON HE VENTERENCICCION NI SBC The Like GOGOLINGKI STEVE Q 6060UNHUCHA. COM



Agenda

New W. Edward Balmer Elementary School Project: Re:

School Building Committee Meeting

Meeting Location: High School Media Center

427 Linwood Avenue, Whitinsville, MA

17020

1/2/2019

6:30 PM

35

Project No.:

Meeting Date:

Meeting Time:

Meeting No.

Joel G. Seeley Prepared by:

Committee Members (MF) Distribution:

- 1. Call to Order
- 2. Public Comments
- 3. Approval of Minutes
- 4. Approval of Invoices and Commitments
- 5. Introduce Commissioning Agent
- 6. Review MEP Systems
- 7. Green Communities
- 8. Site Permitting Update
- 9. New or Old Business
- 10. Committee Questions
- 11. Next Meeting: January 15, 2019
- 12. Adjourn

	Symmes Maini & McKee Associates, Inc. (SMMA)								
	Northbridge School District Northbridge W. Edward Balmer Elementary School								
	BUDGET SUMMARY	Original					(B - C)		(A - B - F)
		PS&B Budget		Current	Contract	,	Remaining	Additional	Budget
Dropay	BUDGET TRACKING FORM as of: 12/31/2018	6/20/2018	Budget Revisions	Budget	Amount	Expended	Contract Amount	Projected Amount	Balance
riopay	Fossibility Study Agrooment			ť		>	۵	L L	
0001-0000	OPM Feasibility Study	105.000.00		105.000.00	105.000.00	105.000.00			
0002-000	A&E Feasibility Study	425,000.00		425,000,00	425,000,00	425,000,00	-		1
0003-0000	Environmental and Site	150,000.00		150,000,00	146 753 50	145 543 50	121000		3 246 50
0004-0000	Other	95.000.00		00.000.66	51.734.59	51.734.59	1		43.265.41
	Feasibility Study Agreement Subtotal	\$ 775,000.00			\$ 728,488.09 \$	727,278.09	\$ 1,210.00	· ·	
	Administration								
0101-0000	Legal Fees	80,000.00		80,000.00					80,000.00
	Owner's Project Manager								
0102-0400	> Design Development	180,250.00		180,250.00	180,250.00	18,025.00	162,225.00	•	•
0102-0500	> Construction Contract Documents	250,025.00		250,025.00	250,025.00	•	250,025.00	•	1
0102-0600	> Bidding	95,050.00		95,050.00	95,050.00		95,050.00		•
0102-0700	> Construction Contract Administration	1,912,599.00		1,912,599.00	1,912,599.00	•	1,912,599.00	•	1
0102-0800	> Closeout	120,080.00		120,080.00	120,080.00	1	120,080.00		
0102-0900	> Extra Services	100,000.00		100,000.00	1	-	-		100,000.00
0102-1000	> Reimbursable & Other Services	40,000.00		40,000.00	-	-	-	-	40,000.00
0102-1100	> Cost Estimates	•		•	•	•	•	•	
0103-0000	Advertising	20,000.00		20,000.00	1	•	•		20,000.00
0104-0000	Permitting	20,000.00		50,000.00	•		•	•	20,000.00
0105-0000	Owner's Insurance	80,000.00		80,000.00	•		•	•	80,000.00
0199-0000	Otner Administrative Costs	60,000.00							60,000.00
	Administration Subtotal	\$ 2,988,004.00		\$ 2,988,004.00	\$ 2,558,004.00 \$	18,025.00	\$ 2,539,979.00	\$ -	430,000.00
	Architecture and Engineering								
	Basic Services								
0201-0400	> Design Development	1,944,609.00		1,944,609.00	1,944,609.00	388,921.80	1,555,687.20	1	
0201-0500	> Construction Contract Documents	2,657,249.00		2,657,249.00	2,657,249.00		2,657,249.00		
0201-0600	> Bidding	227,830.00		227,830.00	227,830.00		227,830.00	•	
0201-0700	> Construction Contract Administration	2,252,218.00		2,252,218.00	2,252,218.00	•	2,252,218.00		
0201-0800	> Closeout	164,136.00		164,136.00	164,136.00	•	164,136.00		
0201-3300	RASIC SERVICES SUBTOTAL	7 246 042 00	·	2 00 200 302 7	\$ 0000000000000000000000000000000000000	388 921 80	\$ 6 857 120 20	· ·	
			÷	00.240,042,7	00.210,012,7	000,020		ı	
0203-0100	> Construction Testing	30,000.00		30,000.00					30,000.00
0203-0200	> Printing (over minimum)	20,000.00		20,000.00					20,000.00
0203-9900	> Other Reimbursable Costs	100,000.00		100,000.00	•	1	•	•	100,000.00
0204-0200	> Hazardous Materials	100,000.00		100,000.00	-	-	-	•	100,000.00
0204-0300	> Geotech & Geo-Env.	85,000.00		85,000.00	•	•	•		85,000.00
0204-0400	> Site Survey	40,000.00		40,000.00	1	•	•		40,000.00
0204-0500	> Wetlands	40,000.00		40,000.00			•	•	40,000.00
0204-1200	> Traffic Studies	35,000.00		35,000.00		_			35,000.00
	Architectural and Engineering Subtotal	\$ 7,696,042.00	- \$	\$ 7,696,042.00 \$	\$ 7,246,042.00 \$	388,921.80	\$ 6,857,120.20	\$ - \$	450,000.00

	Symmes Main & Michel Associates, Inc. (SwimA) Northbridge School District Northbridge W. Edward Balmer Elementary School								
	BUDGET SUMMARY	Original					(B - C)		(A - B - E)
	BUDGET TRACKING FORM as of: 12/31/2018	F3&B Budget 6/20/2018	Budget Revisions	Current Budget	Contract	Expended	Remaining Contract Amount	Additional Projected Amount	Balance
	CM @ Risk Preconstruction Services								
36 0501-0000	Pre-Construction Services	\$ 250,000.00	3	\$ 250,000.00	\$ 210,000.00	\$ 16,154.00	\$ 193,846.00	- \$	\$ 40,000.00
0502-0001	Construction Budget	\$ 79,492,662.00	07	79,492,662.00	- \$	*	*	- \$	\$ 79,492,662.00
89 CSI Code	CSI Description								
89 0502-0100	Division 1 - General Requirements				-	•	•	•	•
	Division 2 - Existing Conditions			•	•	•	•	•	•
	Division 3 - Concrete			•			•	•	ı
	Division 4 - Masonry			•	•	•	•	•	ı
	Division 5 - Metals					•	•		
	Division 6 - Wood, Plastics and Composites			•		1	•		1
	Division 7 - Thermal & Moisture Protection								
89 0502-0800	Division 8 - Openings								
	Division 10 - Speciaties						•	•	1
	Division 11 - Equipment								
	Division 12 - Furnishings								
	Division 14 - Conveying Systems								1
	Division 21 - Fire Suppression			,			1		
	Division 22 - Plumbing			,				•	
	Division 23 - HVAC			•	-	•	•	•	•
	Division 26 - Electrical			•	•	•	1	•	•
	Division 31 - Earthwork			•			•		
	Division 32 - Exterior Improvements					•	•		
	Division 33 - Utilities			•			•		
	Ketainage		€		•	•		•	•
0000-8050 68	Change Orders		-	-				•	
88	Construction Budget Subtotal	\$ 79,492,662.00		\$ 79,492,662.00	٠	·	·	·	\$ 79,492,662.00
0000-9090	Alternates Inclinible Work (Maint Bla Drace Boy Concession and Destroom	•		,					1
	- 11 -	•		•				•	•
	Alternates Subtotal	- \$	\$ - \$	•	- \$	•	-	- \$	
	Miscellaneous Project Costs								
94 0601-0000	Utility Company Fees Testing Services	300,000.00		300,000,00					300,000,000
0000-2000	Swing Space / Modulars	-			•				
	Other Project Costs (Mailing & Moving)	200,000.00		200,000.00					200,000.00
0000-0090	Miscellaneous Project Costs Subtotal	00'000'002 \$	\$ - \$		- \$	•	•	- \$	\$ 700,000.00
	Furnishings and Equipment								
99 0701-0000	Furnishings	1,648,000.00		1,648,000.00			•		1,648,000.00
101 0703-0000	Computer Equipment	1.854.000.00		1.854.000.00					1.854.000.00
	Furnishings and Equipment Subtotal	\$ 3,502,000.00	\$ -	\$ 3,502,000.00	- \$	-	-	- \$	\$ 3,502,000.00
		00 653 120 6		00 623 150 6					00 623 620 0
103 0507-0000	Owner's Construction Contingency Owners' (soft cost) Contingency	3,974,633.00	•	3,974,633.00					3,974,633.00
	Contingency Subtotal	\$ 5.564,486.00	\$		- \$	\$	•	49	\$ 5.564,486.00
	Total Project Budget	\$ 100,968,194.00	- \$	\$ 100,968,194.00	\$ 10,742,534.09	\$ 1,150,378.89	\$ 9,592,155.20	-	\$ 90,225,659.91

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 18, 2018 - *Updated* December 28, 2018

	October 16, 2016 - Opuateu December 26, 2016
DATE	AGENDA
Design Development Phase	
November 20, 2018	BUILDING COMMITTEE MEETING
	Review Design Development Phase Schedule and Deliverables
	Review Overall Project Schedule
December 18, 2018	BUILDING COMMITTEE MEETING
	Review Updated Site and Floor Plans
	Review Exterior Elevations
	Review Exterior Materials
	Introduce Commissioning Agent
January 2, 2019	WORKING GROUP MEETING (WEDNESDAY) - 3:00 PM
• /	NORTHBRIDGE HIGH SCHOOL HEALTH CONFERENCE ROOM
	Continue Special Education User Group Input - STARS and HORIZONS Rooms Grades 3-5
	Review Floor Plans re: SPED Classroom Entry Setup
	Review and Coordinate Building-wide Special Education Features
	DUU DING GOMMITTEE MEETING AMEDICODAYA
January 2, 2019	BUILDING COMMITTEE MEETING (WEDNESDAY) Review MEP Systems
	THOUSE OF STATE OF ST
January 8, 2019	WORKING GROUP MEETING (TUESDAY) - 3:00 PM
oandary 0, 2010	NORTHBRIDGE HIGH SCHOOL HEALTH CONFERENCE ROOM
	Interior Design - Overall Color and Wayfinding Diagram, Interior Colors and Finishes - Classroom Wings A-B
	Landscape and Playground Design
January 9, 2019	SAFETY / SECURITY / HARDWARE MEETING (WEDNESDAY) - 9:00 AM
, ,	NORTHBRIDGE ELEMENTARY SCHOOL ROOM #304
	Door Operation, Door Hardware, and Locking
	Crisis/Lockdown Procedures
	Building Transparency: Windows and Interior Borrowed Lites
	Technology as related to Safety and Security
January 15, 2019	WORKING GROUP MEETING (WEDNESDAY) - 4:30 PM
	NORTHBRIDGE HIGH SCHOOL HEALTH CONFERENCE ROOM
	Interior Design - Interior Colors and Finishes - Wing C
	Review of Wings A-B with comments incorporated
	Exterior Design Review - Façade panel materials and other colors selected
January 15, 2010	DI III DING COMMITTEE MEETING
January 15, 2019	BUILDING COMMITTEE MEETING Payious Undeted Site and Floor Plans
	Review Updated Site and Floor Plans Review Interior Designs of Instructional Spaces
	Review Interior Designs of Instructional Spaces
	Review Interior Materials



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 18, 2018 - Updated December 28, 2018

DATE	October 18, 2018 - Updated December 28, 2018
DATE	AGENDA WORKING CROUD MEETING (MEDNECDAY) 4:20 DM
February 5, 2019	WORKING GROUP MEETING (WEDNESDAY) - 4:30 PM NORTHBRIDGE HIGH SCHOOL HEALTH CONFERENCE ROOM
	Interior Design - Interior Colors and Finishes - Review All
	Site Plan Review
	Exterior Design Review - Comments incorporated
	Extendi Design Neview - Comments incorporated
February 5, 2019	BUILDING COMMITTEE MEETING
	Review Updated Site Plan and Floor Plans
	Review Updated Exterior Elevations
	Review LEED-S Scorecard, Energy Model and Daylighting Model
February 19, 2019	BUILDING COMMITTEE MEETING
1 0014417 10, 2010	Review Updated Site and Floor Plans
	Review Updated Interior Instructional Spaces
	Review Interior Designs of Community Spaces
	Review Updated Interior Materials
	Review Preliminary Instructional FF&E
	Review Preliminary Instructional Technology
March 5, 2019	BUILDING COMMITTEE MEETING
	Review Final Site Plan, Floor Plan and Exterior Elevations
	Review Final MEP Systems
	Review Architectural Equipment
	Review Final LEED-S Scorecard
March 19, 2019	BUILDING COMMITTEE MEETING
10, 2010	Review Preliminary Design Development Cost Estimate
	Value Engineering
April 2, 2010	PLUI DING COMMITTEE MEETING
April 2, 2019	BUILDING COMMITTEE MEETING Review Final Design Development Documents and Estimates
	Vote to Submit Design Development Package to MSBA
	Total Committee Control Contro
April 5, 2019	SUBMIT DESIGN DEVELOPMENT PACKAGE TO MSBA
	ADDITIONAL MEETINGS TO BE SCHEDULED





Warrant No. 19

Project: Prepared by:	New W. Edward Balmer Elementary School Joel G. Seeley, AIA		Project Date:	No.:	17020 1/2/2019
-	Committee for the W. Edward Balmer Elementary ncurred for value received in services and for mat		-	zes to draw	against funds for
<u>Vendor</u>	Invoice No. Invoice Dat	<u>:e</u>	<u>Invoice</u> <u>Amount</u>	ProPay Code	<u>Balance</u> <u>After Invoice</u>
Dore & Whittie	r 00017 12/21/201	8 \$	388,921.80	0201-0400	\$ 1,166,765.40
Drawings; Attende	Floor Plans and Elevations; Coordinated with engineers; End Educational Working Group Meetings; Attended Conser Prepared presentation for SBC meeting; Attended SBC M	vation Co			
SMMA	50061 12/27/201	8 \$	27,037.50	0102-0400	\$ 135,187.50
Hearing; Schedule	itting schedule; Coordinated with Commissioning Agent; A ed and attended Energy Charrette and issued minutes; Rev d minutes; Submitted monthly MSBA report				
•	site phasing and logistics; Priced exterior materials option. I Energy Charrette; Attended SBC Meeting Tot a		ed Balmer School 432,113.30	Security	
	Joseph Strazzulla, Chair	_	Melissa	a Walker	
	Alicia Cannon	_	Michae	el LeBrasseu	ır
	Paul Bedigian	_	Steven	Gogolinski	
	Jeffrey Tubbs	_	Peter L	.'Hommedie	u
	Jeff Lundquist	_	Andrev	v Chagnon	
	Spencer Pollock	_	Approv	red on	



Dore & Whittier Architects, Inc. 212 Battery Street Burlington, VT 05401

> Northbridge Public Schools Town of Northbridge 87 Linwood Avenue Whitinsville, MA 01588

Invoice number

00017

Date

12/21/2018

Project 17-0759 Balmer Elementary School FS/SD

- MSBA

For Date Range: December 1 to December 31, 2018

Description	Contract Amount	Percent Complete	Prior Billed	Current Billed	Remaining
BASIC SERVICES	7 tillount	Oompicte	Dilled	Dillea	Remaining
Feasibility Study	198,675.00	100.00	198,675.00	0.00	0.00
Schematic Design	226,325.00	100.00	226,325.00	0.00	0.00
Design Development	1,944,609.00	40.00	388,921.80	388,921.80	1,166,765.40
Construction Documents	2,657,249.00	0.00	0.00	0.00	2,657,249.00
Bidding	227,830.00	0.00	0.00	0.00	227,830.00
Construction Administration	2,252,218.00	0.00	0.00	0.00	2,252,218.00
Closeout	164,136.00	0.00	0.00	0.00	164,136.00
Subtotal	7,671,042.00	15.68	813,921.80	388,921.80	6,468,198.40
ADDITIONAL SERVICES					
ASR-1 - Geotechnical: Test Borings, Soils and Report	13,195.00	100.00	13,195.00	0.00	0.00
ASR-2 - Geo-Environmental: Phase 1	10,285.00	88.24	9,075.00	0.00	1,210.00
ASR-3 - Preliminary Traffic Study	9,900.00	100.00	9,900.00	0.00	0.00
ASR-4 - Site Survey and Wetland Delineation	14,850.00	100.00	14,850.00	0.00	0.00
ASR-5 - Hazardous Materials Assessment	6,820.00	100.00	6,820.00	0.00	0.00
ASR-6 - Hydrant Water Pressure/Volume Testing Services	1,410.00	100.00	1,410.00	0.00	0.00
ASR -7 - Traffic Phase 2	19,800.00	100.00	19,800.00	0.00	0.00
ASR-8 - Geotechnical Services	25,943.50	100.00	25,943.50	0.00	0.00
ASR-9 - Land Survey	39,600.00	100.00	39,600.00	0.00	0.00
ASR-10 - Land Survey Services	4,950.00	100.00	4,950.00	0.00	0.00
Subtotal	146,753.50	99.18	145,543.50	0.00	1,210.00
REIMBURSABLE ITEMS					
USPS Fees for Mailing	1,339.87	100.00	1,339.87	0.00	0.00
FS to SD Printing Cost Beyond Contract	2,798.13	100.00	2,798.13	0.00	0.00
Printing for Posters Announcing Town Meeting/voting Dates	364.40	100.00	364.40	0.00	0.00
Subtotal	4,502.40	100.00	4,502.40	0.00	0.00
Total	7,822,297.90	17.30	963,967.70	388,921.80	6,469,408.40

Invoice total 388,921.80

Northbridge Public Schools Project 17-0759 Balmer Elementary School FS/SD - MSBA

Invoice number Date 00017 12/21/2018

Aging Summary							
Invoice Number	Invoice Date	Outstanding	Current	Over 30	Over 60	Over 90	Over 120
00016	11/30/2018	389,286.20	389,286.20				
00017	12/21/2018	388,921.80	388,921.80				
	Total	778,208.00	778,208.00	0.00	0.00	0.00	0.00



Attn Ms. Melissa Walker December 27, 2018

Business Manager Northbridge Public Schools Project No: 17020.00 87 Linwood Avenue Invoice No: 0050061

Whitinsville, MA 01588

Project 17020.00 Northbridge Balmer Elementary School OPM

OPM Services for the W. Edward Balmer Elementary School, Whitinsville, MA 01588

Professional Services from December 1, 2018 to December 28, 2018

Fee

Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
60,000.00	100.00	60,000.00	60,000.00	0.00
45,000.00	100.00	45,000.00	45,000.00	0.00
180,250.00	25.00	45,062.50	18,025.00	27,037.50
250,025.00	0.00	0.00	0.00	0.00
95,050.00	0.00	0.00	0.00	0.00
1,912,599.00	0.00	0.00	0.00	0.00
120,080.00	0.00	0.00	0.00	0.00
2,663,004.00		150,062.50	123,025.00	27,037.50
	60,000.00 45,000.00 180,250.00 250,025.00 95,050.00 1,912,599.00 120,080.00	Fee Complete 60,000.00 100.00 45,000.00 100.00 180,250.00 25.00 250,025.00 0.00 95,050.00 0.00 1,912,599.00 0.00 120,080.00 0.00	Fee Complete Earned 60,000.00 100.00 60,000.00 45,000.00 100.00 45,000.00 180,250.00 25.00 45,062.50 250,025.00 0.00 0.00 95,050.00 0.00 0.00 1,912,599.00 0.00 0.00 120,080.00 0.00 0.00	Fee Complete Earned Billing 60,000.00 100.00 60,000.00 60,000.00 45,000.00 100.00 45,000.00 45,000.00 180,250.00 25.00 45,062.50 18,025.00 250,025.00 0.00 0.00 0.00 95,050.00 0.00 0.00 0.00 1,912,599.00 0.00 0.00 0.00 120,080.00 0.00 0.00 0.00

Total Fee 27,037.50

Total this Invoice \$27,037.50

Outstanding Invoices

 Number
 Date
 Balance

 0049924
 12/4/2018
 18,025.00

 Total
 18,025.00

Billings to Date

 Current
 Prior
 Total

 Fee
 27,037.50
 123,025.00
 150,062.50

 Totals
 27,037.50
 123,025.00
 150,062.50

Authorized

lool Sooloy

TO OWNER: To own of Northbridge VIA ARCHITECT: WAS ARCHITECT: PROJECT: W Balmer Eler Pre-Constructions of Northbridge Phase	ATION FOR PAYN PROJECT: W Balm Pre-Cor Phase	PAYMENT W Balmer Elementary Pre-Construction Services Phase	APPLICATION NO: 3 DATE: 12/26/18 Thru 12/31/18 ARCHITECT'S	Distribution to: ARCHITECT CONTRACTOR
nc. eet 01104 eral Construction			PROJECT NO: CONTRACT DATE:	
CONTRACTOR'S APPLICATION FOR PAYMENT Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet is attached.	ON FOR PAYME connection with the Contract	LN.:	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.	t of the Contractor's knowledge, plication for Payment has been completed amounts have been paid by the Contractor ent were issued and payments received srein is now due.
ORIGINAL CONTRACT SUM Net change by Change Orders CONTRACT SUM TO DATE (Line 1 ± 2) CONTRACT SUM TO DATE (Line 1 ± 2) Column G on G703)	8 8 8	250,000.00 0.00 250,000.00 72,308.00	CONTRACTOR? Fontaine Bros., Inc. James M Mauer-Project Manager By:	nager Date: December 26, 2018
a. % of Completed Work \$ (Column D + E on G703) b. % of Stored Material \$ (Column F on G703) Total Retainage (Lines 5a + 5b or	0.00		State of: Massachusetts Subscribed and sworn to before me this 2000 Notary Public: My Commission expires: // 26-20	Hampoden JANE MARIE HAJEC 1 and December ARY PUBLIC Commonwealth of MASSACHUSETTS My Commission Expires Nov. 26, 2021
6. TOTAL EARNED LESS RETAINAGE	S S S S S	72,308.00 56,154.00 16,154.00 177,692.00	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.	E FOR PAYMENT on on-site observations and the data the Owner that to the best of the Vork has progressed as indicated, the quality uments, and the Contractor is entitled to
(Line 3 less Line 6) CHANGE ORDER SUMMARY Total changes approved in provious months by Owner	SNOL S0.00	DEDUCTIONS	AMOUNT CERTIFIED	the amount applied. Initial all figures on this changed to conform to the amount certified.)
Total approved this Month	80.00		By:	Date:
TOTALS	\$0.00	\$0.00	This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without	CERTIFIED is payable only to the ceptance of payment are without
NET CHANGES by Change Order		\$0.00	prejudice to any rights of the Owner or Contractor under this Contract.	inder this Contract.

Project 2224 Proj	BALMER EL SUMMARY - PERIOD TO:	BALMER ELEMENTARY SCHOOL SUMMARY - COST BY DIVISION PERIOD TO: 12/31/2018								
DESCRIPTION OF WORK SCHEDULED WORK TO DATE WORK WORK WORK WORK TO DATE WORK WO	From: Fontaine Bros. 510 Cottage Si Springfield, MA	Inc. Ireet \ 01104	To: Town of Northbrid	2		Project: Balmer Element	2524 ary School		Application No: Application Date: Period To:	3 12/26/2018 12/31/2018
Owner	∢		O	۵	.	L	ဖ		I	_
CAM PRECONSTRUCTION SERVICES 250,000.00 56,154.00 16,154.00 0.0	ITEM NO	DESCRIPTION OF WORK	SCHEDULED	WORK COMPLETED PREVIOUS APPLICATIONS	WORK COMPLETED THIS PERIOD	·	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	(2/9) %	BALANCE TO FINISH (C-G)	RETAINAGE
GWIP INSURANCE GOOD COOD	0501-0000	CM PRECONSTRUCTION SERVICES	250,000.00	56,154.00	16,154.00	00:0	72,308.00	29% #DIV/0I	177,692.00	0.00
ONV 2 EXISTING CONDITIONS 0.00	0502-0050	GMP INSURANCE	00:0	00:00	0.00	0.00	0.00	#DIV/0i	0.00	0.00
DIV 2 EXSTRING CONDITIONS 0.00	0502-0030	GMP CONSTRUCTION CONTINGENCY	00.0	0.00	0.00	8 6	0.00	:0/\lo#	0.00	0.00
DIV 3 CONCRETE 0.00	0502-0100	DIV 2 EXISTING CONDITIONS	800	0.00		00.0	000	#DIV/0i	00.0	0.00
DIV 5 METERIOR 0.00	0502-0300	DIV 3 CONCRETE	0.00	00.0		0.00	0.00	#DIV/Oi	000	0.00
DIV 6 WOOD & PLASTICS 0.00	0502-0400	DIV 5 METALS	0.00	0.00	0.00	0.00	00.0	i0/AIQ#	00.0	0.00
DIV 7 HERMAL & MUSITURE PROTECTION 0.00	0502-0600	DIV 6 WOOD & PLASTICS	0.00	0.00	0.00	0.00	0.00	#DIV/0i	0.00	0.00
DIV 2 FINISHES 0.00	0502-0700	DIV 8 OPENINGS		00.0	00.0	0.00	000	:0/\[0] #DI\\[0]	0000	0.00
DIV 10 SPECIALTIES DIV 10 SPECIALTIES 0.00	0502-0900	DIV 9 FINISHES		00.00	00.00	0.00	00.00	#DIV/0i	0.00	00.00
DIV 12 FURNISHINGS 0.00 <td>0502-1000</td> <td>DIV 10 SPECIALTIES</td> <td></td> <td>0.00</td> <td>00.0</td> <td>00.00</td> <td>00.00</td> <td>#DIV/0!</td> <td>000</td> <td>0.00</td>	0502-1000	DIV 10 SPECIALTIES		0.00	00.0	00.00	00.00	#DIV/0!	000	0.00
DIV 21 FIRE SUPPRESSION 0.00 0.	0502-1200	DIV 12 FURNISHINGS		0.00	0.00	00.0	0.00	#DIV/0i	00.0	0.00
DIV 21 FIRE SUPPRESSION 0.00 0.	0502-1400	DIV 14 CONVEYING SYSTEMS	0.00	0.00	00.00	0.00	00.0	#DIV/0i	0.00	00.00
DIV 22 PLUMBING 0.00	0502-2100	DIV 21 FIRE SUPPRESSION	0.00	0.00	0.00	0.00	0.00	#DIV/0i	0.00	0.00
DIV 25 INTEGRATED AUTOMATION 0.00 <	0502-2200	DIV 22 PLUMBING	0.00	00.00	00.0	000	000	#DIV/01	0.00	0.00
DIV 26 ELECTRICAL 0.00 <td>0502-2500</td> <td>DIV 25 INTEGRATED AUTOMATION</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> <td>#DIV/0i</td> <td>00.0</td> <td>0.00</td>	0502-2500	DIV 25 INTEGRATED AUTOMATION	0.00	0.00	0.00	0.00	0.00	#DIV/0i	00.0	0.00
DIV 27 COMMUNICATIONS 0.00	0502-2600	DIV 26 ELECTRICAL	0.00	0.00	000	0.00	00:0	#DIV/0i	00:00	0.00
DIV 28 ELECTRONIC SAFETY & SECURITY 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.00<	0502-2700	DIV 27 COMMUNICATIONS	0.00	0.00	0.00	0.00	0.00	#DIV/0i	0.00	0.00
DIV 31 EARTHWORK 0.00	0502-2800	DIV 28 ELECTRONIC SAFETY & SECURITY	0.00	0.00	0.00	0.00	0.00	#DIV/0i	0.00	0.00
DIV 32 EXTERIOR IMPROVEMENTS 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 #DIV 33 UTILITIES ALTERNATES 0.00 0.00 0.00 0.00 0.00 0.00 #DIV 33 UTILITIES EARLY PACKAGE CCDs 0.00 0.00 0.00 0.00 0.00 0.00 #DIV 33 UTILITIES CHANIGE ORDERS 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 #DIV 33 UTILITIES	0502-3100	DIV 31 EARTHWORK	00.0	0.00	0.00	0.00	0.00	#DIV/0i	0.00	0.00
ALTERNATES ALTERNATES ALTERNATES ALTERNATES O.00	0502-3200	DIV 32 EXTERIOR IMPROVEMENTS	0.00	00.0	0.00	0.00	0.00	#DIV/0i	0.00	0.00
ALIERNATES O.00 CHANGE ORDERS O.00 O.0	0502-3300	DIV 33 UTILITIES	0.00	0.00	0.00	900	300	#UV/0	0.00	0.00
CHANGE ORDERS 0.00 0.00 0.00 0.00 #DI	0508-0000	ALIEKNATES FARI Y PACKAGE CCDs	00.0	000	00.0	0.00	000	#DIV/0i	000	0.00
00 000 CT	0208-0000	CHANGE ORDERS	00.0	00.0	0.00	0.00	00.00	#DIV/0i	00.00	0.00
25.0 (B) D		GRAND TOTAL	250 000 00	56 154 00	16 154 00	000	72.308.00	%60	177 692 00	00.0



Memorandum

To: W. Edward Balmer Elementary School Building Committee Date: 1/2/2019
From: Joel G. Seeley Project No.: 17020

Project: W. Edward Balmer Elementary School

Re: Designer Amendment No. 12: Soil Investigation Services

Distribution: School Building Committee (MF)

DESIGNER AMENDMENT NO. 12: SOIL INVESTIGATION SERVICES

FEE: \$4,290.00

REASON: Provide Soil Investigation Services at the W. Edward Balmer Elementary School site to

include investigation of surficial soil conditions for possible naturally-occurring arsenic in

soils.

BUDGET AVAILABILITY: This Amendment would be funded out of the Geotechnical and GeoEnvironmental

Budget, ProPay Code 0204-0300 which has the current balance of \$85,000.00.

1000 Massachusetts Avenue Cambridge, MA 02138 617.547.5400

www.smma.com

<u>ATTACHMENT F</u>

CONTRACT FOR DESIGNER SERVICES AMENDMENT NO. 12

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. Edward Balmer Elementary School Project (Project Number 201502140001)</u> at the <u>W. Edward Balmer Elementary School on June 26</u>, 2017 "Contract"; and

WHEREAS, effective as of January 2, 2019, 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.
- 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:

Fee for Basic Services:

	Original Contract	Prior Amendments	This Amendment	After this Amendment
Feasibility Study Phase	\$200,000.00	\$ 141,803.50	\$ 0.00	\$ 341,803.50
Schematic Design Phase	\$225,000.00	\$ 4,950.00	\$ 0.00	\$ 229,950.00
Design Development Phase	\$ 0.00	\$1,944,609.00	\$ 4,290.00	\$ 1,948,899.00
Construction Document Phase	\$ 0.00	\$2,657,249.00	\$ 0.00	\$ 2,657,249.00
Bidding Phase	\$ 0.00	\$ 227,830.00	\$ 0.00	\$ 227,830.00
Construction Phase	\$ 0.00	\$2,252,218.00	\$ 0.00	\$ 2,252,218.00
Completion Phase	\$ 0.00	\$ 164,136.00	\$ 0.00	\$ 164,136.00
Total Fee	\$425,000.00	\$7,392,795.50	\$ 4,290.00	\$7,822,085.00

This Amendment is a result of:	Provide Additional Soil Investigation Services.
	•
MSBA ProPay 0204-0300	

3.	The Construction Budget shall be as follow	/S:
	Original Budget:	\$_79,492,662.00
	Amended Budget	\$ <u>79,492,662.00</u>
4.	The Project Schedule shall be as follows:	

Original Schedule: December 20, 2021

Amended Schedule December 20, 2021

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 Alicia Cannon (print name) Board of Selectmen, Town of Northbridge By (signature) Date January 2, 2019 DESIGNER Lee P. Dore (print name) Principal / Vice President, Dore & Whittier Architects (print title) By (signature) Date January 2, 2019

December 20, 2018

Mr. Joel Seeley, AIA COO, Executive Vice President Symmes Maini & McKee Associates Project Management 1000 Massachusetts Avenue Cambridge, MA 02138

Project: Balmer Elementary School - #17-0759

Subject: ASR #12

Dear Joel,

As we have been directed by you to proceed with investigation of surficial soil conditions at the Balmer site to survey for possible naturally-occurring arsenic in soils, we present this additional service request to perform that work.

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

Soil Sampling & Testing Services/ Report

FS Engineers, Inc.

\$3,900.00

 Soil sampling using powered hand auger, (5) samples, MA-certified laboratory analysis for RCRA metals, and letter report, as shown in attached proposal.

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 \$390.00

TOTAL, ASR #12 \$4,290.00

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

ARCHITECTS, INC.

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



December 7, 2018

Mr. Thomas Hengelsberg, Project Manager Dore and Whittier Architects, Inc. 212 Battery Street Burlington, VT 05401

Re: Professional Services Relative to Surficial Soil Sampling for Arsenic at the Balmer Elementary School Site in Northbridge, Massachusetts

Dear Tom:

FS Engineers, Inc. (FSE) is pleased to present this proposal for professional services for the above-referenced site. FSE is familiar with the Site and its conditions based upon soil characterization studies performed in October 2017. The purpose of this proposal is to characterize surface soils at the school grounds for arsenic content.

FSE is prepared to commit the necessary resources to timely complete the project. The project team will be led by Mr. Farooq Siddique, PE, LSP, as Principal-In-Charge. Mr. Siddique has more than 25 years of professional experience in environmental and civil engineering. He is a registered Professional Engineer and Licensed Site Professional in Massachusetts.

Our proposal includes the Scope of Services, Schedule of Services, Fee for Services, Basis of Proposal, and Agreement for Professional Services.

1.0 SCOPE OF SERVICES

The following is a list of tasks to be performed under this Agreement:

1.1 Soil Sample Collection

Using a hand auger or similar device FSE will collect up to five surface and near surface soil samples from the grounds at the Balmer Elementary School. The soil samples will be analyzed for RCRA 8 metals at a Massachusetts certified analytical laboratory.

1.2 Prepare Letter Report

Prepare a letter report that describes the sampling procedures, presents the tabulated laboratory soil sample analysis results, and contains the laboratory reports and a site plan.

2.0 SCHEDULE OF SERVICES

FSE is prepared to commence work on this project upon receipt of written authorization to proceed.

3.0 FEES FOR SERVICES

For this project as defined in Article 1.0, "Scope of Services", compensation shall be the **Fixed Fee of Three Thousand Nine Hundred Dollars** (\$3,900). The amount will not be exceeded without prior written authorization from the client.

4.0 BASIS OF PROPOSAL

- (a) We have assumed that all existing site information will be made available.
- (b) We have assumed that any previous studies conducted on the site will be made available.
- (c) We have assumed that access to the site will be provided by the client.

5.0 AGREEMENT FOR PROFESSIONAL SERVICES - Attached herewith.

Please sign this Agreement. Retain a copy for your files and return a signed copy to us; the receipt of which shall constitute Notice-to-Proceed. If you have any questions, please do not hesitate to contact us. We look forward to working with you on this important project. Thank you for considering FS Engineers, Inc.

Surface Soil Sampling for Arsenic Proposal for Balmer Elementary School, Northbridge, MA December 7, 2018 Page 3 of 3

Very truly yours,	
FS ENGINEERS, INC.	AGREED AND ACCEPTED BY CLIENT
[ORIGINAL DIGITALLY SIGNED]	
Farooq Siddique, PE, LSP Principal	Name
	Title
	Date