

# THE NEW NORTHBRIDGE ELEMENTARY SCHOOL

WHITINSVILLE, MASSACHUSETTS



## SCHOOL BUILDING COMMITTEE MEETING

SEPTEMBER 21, 2021



Massachusetts School Building Authority  
Funding Affordable, Sustainable, and Efficient Schools in Partnership with Local Communities



# AGENDA

1. Call to Order
2. Attendance
3. Statement of Audio and Video Recording
4. Public Comment

Comments for this meeting may be emailed in advance of the 6:30 p.m. start time to [sbc@nps.org](mailto:sbc@nps.org).

*All comments will be recorded in the record, and all attempts will be made to mention them live during the meeting. Any emails received during the meeting before the public comment period ends will also be attempted to be mentioned.*

5. Approval of Minutes
6. Approval of Invoices and Commitments
7. FF&E Procurement
8. Technology Procurement
9. 230 Mason Road Claim
10. Construction Update
  - MAAB Follow-up
  - U10 Playfield Substantial Completion
  - DCAMM Evaluations
11. Time Capsule Working Group Update
12. New or Old Business
13. Committee Questions
14. Next Meeting: October 19, 2021
15. Adjourn





# TECHNOLOGY PURCHASE ORDERS UPDATE

Additional POs for new program needs that were not originally identified or programmed:

<b>PO TECH 017</b>	<b>Hub Tech</b>	<b>\$4,611.75</b>
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15 Additional Teacher Chromebooks

<b>PO TECH 018</b>	<b>Hub Tech</b>	<b>\$41,192.19</b>
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15 additional laptops

26 additional staff Chromebooks

1 additional Chromebook cart with 30 Chromebooks

<b>TOTAL</b>	<b>Hub Tech – Additional Technology</b>	<b>\$45,803.94</b>
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*See next slide for budget summary.*

**Seeking a vote for approval of Purchase Orders.**



Equipment	Budget	Description
<b>Network Core Equipment</b>		
Network Installation and Configuration	\$ 49,000.00	Lot Hub Including all hardware, installation and configuration.
Network Switches	In Base Contruction Contract	Dual 40Gb to Core.
Telephone System	\$ 34,595.00	Lot Tidal Reuse Existing Phone System , new IP phones throughout
Whalley Reconfiguration Services	\$ 15,392.00	Lot WCA To relocated Internet and Fiber to new building
Internet Service Line	\$ -	For providing Fiber to the building
Wireless	In Base Contruction Contract	Base Aerohive AP650 with ac technology
	<b>\$ 98,987.00</b>	
<b>Computers</b>		
Teacher LT Computer	\$ 83,525.00	65 Hub Latitude 5410 BTX Base 201-AVCH (\$1375)
Admin LT Computer	\$ 38,770.77	23 Hub Latitude 5410 BTX Base 201-AVCH (\$1375)
Admin DT Computer	\$ 4,383.78	6 Hub Dell Optiplex 3080 SFF XCTO - 210-AVPR (\$791.10)
Admin Docking and Monitors	Included in Admin LT Computer item above	Hub Admin Docking Sation with 27" display(E2720H+210-ARIO WD10
Student LT/DT Computer	\$ -	0 Student DT/LT at \$1000/ea
Teacher Chromebooks	\$ 39,345.68	88 Hub 14" Teacher Chromebooks
Teacher iPad	Included below in Student iPads	4 APPL Apple iPad with AC and Cover
<b>Student Chromebooks - 1st Phase</b>	<b>\$ 134,775.30</b>	<b>330</b> HP Chrome 14" G5 +GMC+Warranty+Setup
<b>Student Chromebook Carts - 1st Phase</b>	<b>\$ 15,607.24</b>	<b>11</b> Bretford Charging Cart - Northbridge Standard
Student Chromebooks	\$ 442,638.90	990 Hub HP Chrome 14" G5 +GMC+Warranty+Setup
Student Chromebook Carts	\$ 51,078.24	36 Hub Bretford Charging Cart - Northbridge Standard
Studentnt iPads	\$ 98,267.00	256 APPL Apple iPad with AC and Cover
Student iPad Carts	\$ 16,188.40	10 Hub Bretford Charging Cart for iPads including install
iPad White Glove Sevices	\$ 5,655.00	Lot Hub To update, add apps, MDM and load into carts and cabinets.
Small Charging Cabinets	\$ 2,361.05	5 Hub Kennsignon AC Lock and Charge
	<b>\$ 932,596.36</b>	
<b>Printers</b>		
MFP Printer	\$ 440.22	1 Hub HPM227df Multifunction B&W Laser Printer
Work Group Printers	\$ 5,471.88	4 Hub HP610dn B&W Laser Printer
	<b>\$ 5,912.10</b>	
<b>Audio and Video Equipment</b>		
Projectors	\$ 271,431.00	79 ProAV Epson 1480Fi with cabling and install
Document Camera	\$ 24,727.50	75 ProAV Aver doc cam installed
Admin Flat Panels	\$ 9,404.00	4 ProAV 65" Flat panel displays with cabling and install
Classroom IFP on Cart	\$ 175,209.00	67 ProAV Promethean Nickel 65" panels
Colaboration Room IFP	\$ 38,548.00	7 ProAV Wall mounted Clear Touch, Promethean or other with Chromebox
Portable Projection System- Gym	\$ 20,664.00	1 ProAV Epson L1750 on a cart
Portable Teacher's Projection Cart	\$ 2,413.00	1 ProAV Epson ultra short throw on Cart
Spare Projector	\$ 2,345.00	1 ProAV Epson spare projector
Spare IFP	\$ 1,473.00	1 ProAV Promethean sparer Nickel 65" IFP
	<b>\$ 546,214.50</b>	
<b>Other</b>		
Chromebook Mice	\$ 8,807.10	930 Hub Logitech B100 Mouse (100% for PreK, K and 1st,50% for 2-5)
AV equipment for Video Room	\$ 5,722.18	ProAV Video editing and recording equipment
Apple Equipment for Video Room	\$ 12,301.00	4/10 APPL Four iMacs and 10 iPads and software Voucher
POS	\$ 11,873.00	5 Heart Bsaed on Heartland Quote for 5 stations.
Multiple Microphones - 6 ELA Rooms	Change as part of Base Contract	Base Will be handled as a change order to Lightspeed Systems in CD's.
Maker Space	\$ 8,143.20	2 Hub 3D Printers - Makerbot Replicator+ with warranty, install and suppl
Spare Pens for Projectors and IFP's	\$ 1,330.00	ProAV IFP and Projector spare pens
Wireless Extreme IQ Server	\$ 13,063.30	1 Hub To deal with Changes in Aerohive Wireless Controller
Admin Phone Side Cars	\$ 4,826.50	21 Tidal Additional Admin phone equipment
ProAV rework	\$ 8,295.69	ProAV Rework required for various areas
White wireless patch cords	\$ 1,994.12	220 Hub White patch cords for AP's in ceilings.
32" computer display monitors	\$ 1,368.02	2 Hub 32" security camera displays
15 Teacher Chromebooks	\$ 4,611.75	15 Hub Chromebooks with GMCL
15 Treadher Laptops	\$ 17,403.45	15 Hub Dell Laptops for Teachers
26 Additional Staff Chromebooks	\$ 8,949.98	26 Hub Chromebooks with GMCL
1 additional Chromebook Cart with 30 Chromebooks	\$ 10,747.21	1 Hub Chromebook Cart with 30 Chromebooks
	<b>\$ 119,436.50</b>	
<b>Contingency</b>	<b>\$ 2,000.00</b>	
	<b>\$ 2,000.00</b>	
<b>Sub Total</b>	<b>\$ 1,705,146.46</b>	
1236000		
<b>Total</b>	<b>\$ 1,705,146.46</b>	
<b>Total Budget</b>	<b>\$ 1,854,000.00</b>	
<b>Over/Under</b>	<b>\$ 148,853.54</b>	
<b>Funds Remaining</b>	<b>\$ 150,853.54</b>	

# TECHNOLOGY BUDGET SUMMARY UPDATE

Total Programmed	\$1,705,146.46
Total Budget	\$1,854,000.00
Over/Under	\$148,853.54
Contingency	\$2,000.00
Funds Remaining	\$150,853.54

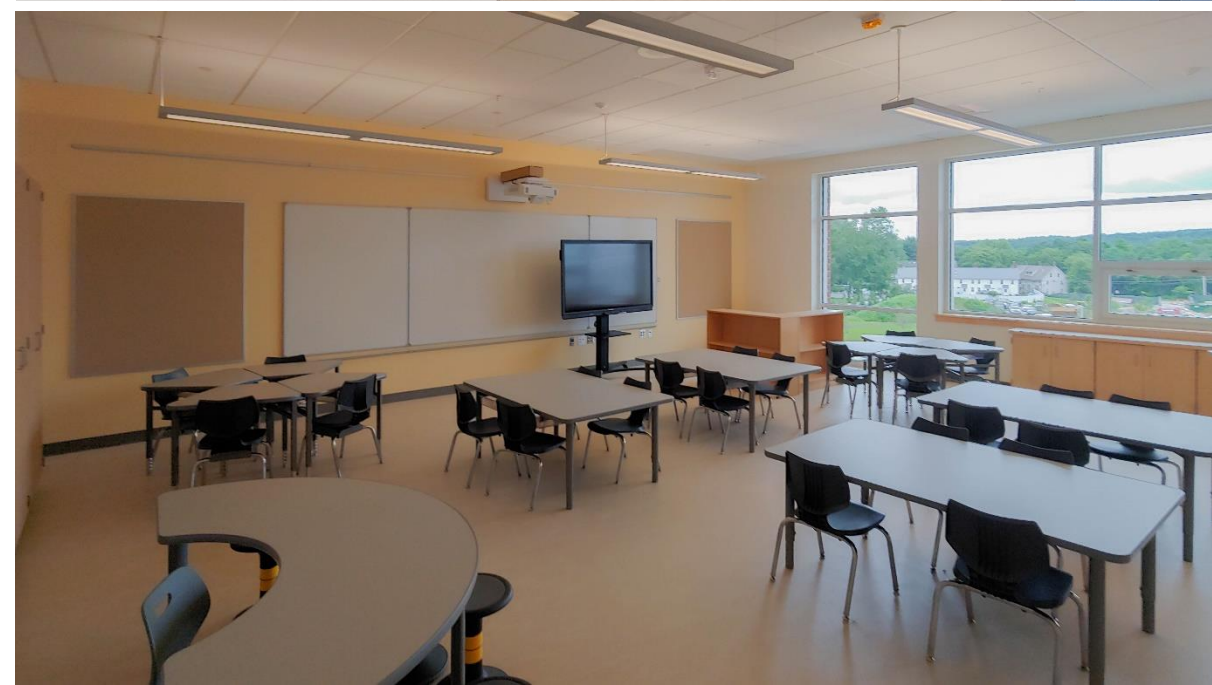
Seeking a vote of approval for  
TECHNOLOGY POs 017, 018





# FF&E UPDATE

- Equipment that is not back-ordered has been delivered, and has been placed around the building
- D+W second edition punch list was submitted to furniture vendors first week of September and they continue to work through issues
- Last furniture that was back-ordered is being delivered this week
- As teachers and administrators settle into the building, items are coming up that have caused additional requests...



# FF&E UPDATE

## CHANGES After August 20th

P.O. #	DESCRIPTION	AMOUNT	REASON:
P.O. #12	MUSIC ARTS - DELETED ITEMS	\$ (4,916.50)	percussion package and PA spec items discontinued/backordered; replacements below
P.O. #48	RED THREAD - EASEL FOR ADMIN	\$ 674.50	missed in initial programming
P.O. #49	RED THREAD - AMTAB DELAY	\$ 1,200.00	cost for vendor to store café tables because of construction delay
P.O. #50	HOME DEPOT - TRASH BINS+RECYLING	\$ 7,523.83	missed specification of classroom trash bins
P.O. #51	CDW-G LISTENING CENTER	\$ 12,310.35	was not picked up by any vendor in initial solicitation - just found
P.O. #52	RED THREAD - STUD. CHAIRS + OTHER FURN.	\$ 79,400.00	multiple items, see breakdown below
P.O. #53	WB MASON - LAMINATORS	\$ 8,072.68	specified laminators discontinued; new spec
P.O. #54	MUSIC ARTS - REPLACED ITEMS	\$ 3,766.72	replacement spec for percussion instrument package and portable PA
P.O. #55	WB MASON - HASKEL PODIUMS	\$ 5,426.72	added teacher podiums, not part of original program
P.O. #56	SCHOOL FURNISHINGS - ELEC. CHANGING TABLES	\$ 19,666.08	change in previous Owner direction on specification
P.O. #57	EDUPORIUM -MAKEY-MAKEY	\$ 2,100.00	vendor supplied one when RFP requested four - three to be added
P.O. #58	ULINE - COMMUNITY PANTRY SHELVING	\$ 701.72	thought this was going to be building-mounted shelving; was not, units to be added
P.O. #59	RED THREAD - SECURING TALL BOOKCASES	\$ 702.50	quote for all admin office shelving; some may not be required
		<b>\$ 136,628.60</b>	

## PO FFE 053 DETAIL:

*estimates*

CHAIRS	\$ 23,000.00	Alterations to chairs to better fit range of students in building - some chairs too short
TABLE LEGS	\$ 15,200.00	Alterations to tables to better fit range of students in building - some legs too short
SS NEW T01c TABLES	\$ 6,500.00	Rise tables added by request - differered from program
KI NEW T.04c TABLES	\$ 1,500.00	Music room tables added by request - seating issues
SGR BOOK CASES	\$ 13,000.00	Added shelving to accommodate spec. ed. Instructors using these rooms
FILE CAB	\$ 1,500.00	Added to accommodate new hires not in original staff count
PLAY FURN	\$ 17,100.00	Added to remove need to share play furniture
KI CHAIRS	\$ 1,600.00	Owner requested for teacher w/ disability; adding higher chairs at café booth tables
<b>TOTAL</b>	<b>\$ 79,400.00</b>	

# FIXTURES AND EQUIPMENT ACTUALS BY CATEGORY

CATEGORY	8/17/21 ACTUAL	9/21/21 ACTUAL	VARIANCE
General Equipment	\$96,243	\$124,824	PO FFE 048, 050, 051, 053 - \$28,581
Kitchen Smallwares	\$10,817	\$10,817	
Gymnasium Fitness Equipment	\$8,576	\$8,576	
OT/PT / Adaptive/ Sp.Ed.	\$40,541	\$60,207	PO FFE 056 - \$19,666
Health Equipment	\$16,854	\$16,854	
Custodial Equipment	\$163,214	\$163,214	
Maker Space Equipment	\$42,641	\$44,741	PO FFE 057 - \$2,100
Art Equipment	\$33,388	\$33,388	
Music Equipment	\$29,122	\$27,972	PO FFE 012/ 054 – net deduct (\$1,150)
Library/ A-V Room Equipment	\$2,182	\$2,182	
Furniture POs	\$32,276	\$119,707	PO FFE 049, 052, 055, 058, 059 - \$87,431)
<b>Equipment Total (Final)</b>	<b>\$475,854</b>	<b>\$612,483</b>	<b>\$136,629</b>





# FURNITURE, FIXTURES AND EQUIPMENT OVERALL BUDGET UPDATE

<b>A</b>	<b>MSBA Overall FF&amp;E budget</b>	<b>\$1,648,000</b>
<b>B</b>	Actual Furniture Cost	\$1,165,122
<b>C</b>	Fixtures and Equipment Budget (Line A) – (Line B)	\$482,878
<b>D</b>	Actual Equipment Cost including new variances	\$612,483
<b>E</b>	<b>Budget Shortfall (Line C) – (Line D)</b>	<b>(\$129,605)</b>
<b>F</b>	BearCom: Radio Signal Repeater and Programming – Potential cost not known yet	\$9,413
<b>G</b>	Budget Contingency Transfer from Technology	up to \$148,853





**Northbridge Elementary School**  
**Dedication Ceremony - September 18, 2021**  
**10:00-11:00 a.m.**

**PROGRAM**

**Outdoor Ceremony - Main Entrance Plaza**

Opening Remarks/ Introductions: Joseph Strazzulla, School Building Committee Chair

Speaker: Jack McCarthy, Massachusetts School Building Authority Deputy Chief

Executive Officer/ Executive Director

Remarks: Amy McKinstry, Superintendent of Schools

**Ribbon Cutting Ceremony**

**Indoor Ceremony - Cafeteria**

**School Administration**

Amy McKinstry, Superintendent

Nicholas Hoffman, Co-Principal

Karlene Ross, Co-Principal

**Board of Selectmen**

Charles Ampagoomian, Jr.

Thomas J. Melia

James J. Athanas

Alicia M. Cannon

Russell Collins

**Massachusetts School Building**

**Authority**

Jack McCarthy, Deputy Chief

Executive Officer/ Executive Director

**School Building Committee**

Joseph Strazzulla, Chair

Paul Bedigian

Alicia Cannon

Andrew Chagnon

Steven Gogolinski

Jill Healy

Michael LeBrasseur

Peter L'Hommedieu

Jeffrey Lundquist

Brian Paulhus

Spencer Pollock

Gregory Rosenthal

George Simmons

Jeffrey Tubbs

Melissa Walker

**School Committee**

Steven Falconer

Kathryn Atchue

Brian Paulhus

Allan Richards

Erin Donahue

**Town Government**

Adam Gaudette, Town Manager

**State Representatives**

Senator Michael Moore

Representative Ryan Fattman

Representative David Muradian

**Fontaine Brothers, Inc.**

**Construction Managers**

Dave Fontaine, Sr., President

Dave Fontaine, Jr., Vice President

Rob Day, Senior Project Manager

Griffin Couture, Project Engineer

Mike Cavanaugh, Superintendent

**Dore + Whittier Architects**

Lee Dore, Principal in Charge

Thomas Hengelsberg, Project Manager

Tim Mullen, Job Captain

**SMMA**

Project Management

**dw**  
**DORE + WHITTIER**

**FONTAINE BROS., INC.**  
CONSTRUCTION MANAGERS  
GENERAL CONTRACTORS

This project was funded in part by the Massachusetts School Building Authority.

# RIBBON CUTTING CEREMONY







# NORTHBRIDGE ELEMENTARY SCHOOL

RIBBON CUTTING CEREMONY







**RIBBON CUTTING CEREMONY**





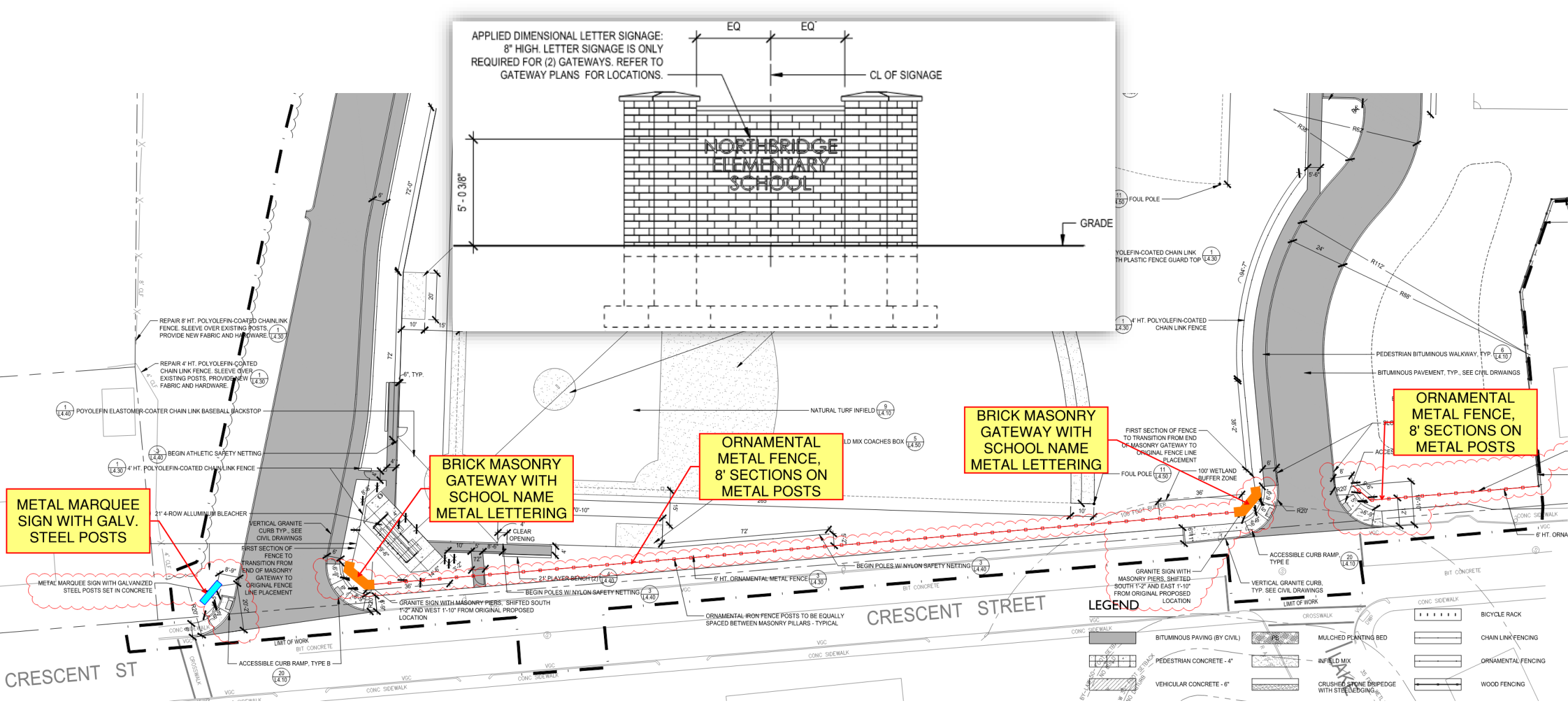
# CONSTRUCTION UPDATE



**FONTAINE BROS., INC.**

CONSTRUCTION MANAGERS  
GENERAL CONTRACTORS



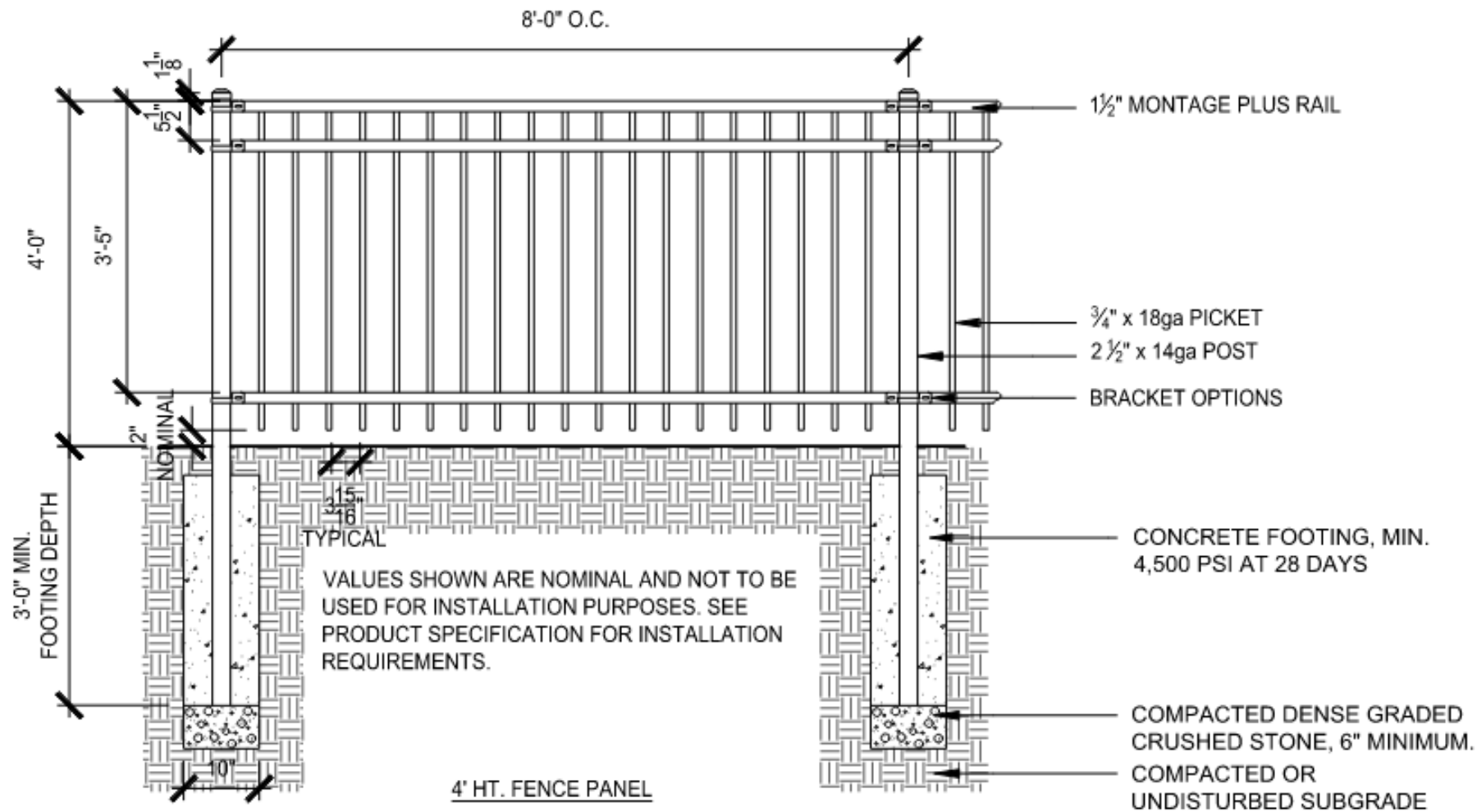


# SITE MASONRY GATEWAY UPDATE

FINAL SCHEME PER 8/19 SBC MEETING  
COST: \$75,157







2 4' HT. ORNAMENTAL STEEL FENCE AND GATE  
1"=1'-0"

# SITE MASONRY GATEWAY UPDATE





SITE OVERVIEW:  
parking construction  
underway – 9/17

# CONSTRUCTION UPDATE





SITE OVERVIEW:  
playground underway

CONSTRUCTION UPDATE





# CONSTRUCTION UPDATE

Rear view





Parking under  
construction

# CONSTRUCTION UPDATE





# CONSTRUCTION UPDATE

Parking lot under construction,  
site electrical 90% complete





# CONSTRUCTION UPDATE

Playground under construction –  
under-drain being installed





# CONSTRUCTION UPDATE

Maintenance Shed site  
location





# CONSTRUCTION UPDATE



Parking lot construction and  
cross-over drive



# QUESTION AND ANSWER

