

THE NEW NORTHBRIDGE ELEMENTARY SCHOOL

WHITINSVILLE, MASSACHUSETTS



SCHOOL BUILDING COMMITTEE MEETING

AUGUST 17, 2021

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.

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 Update
 - Tractor and Snowplow Update
 - Outdoor Storage Building Update
8. Site Entry Masonry Gateway Update
9. Construction Update
 - Dedication Plaque
 - Overlook Street Properties Update
 - Snack Shed Update
10. Time Capsule Working Group Update
11. Building Dedication Ceremony Working Group Update
12. New or Old Business
13. Committee Questions
14. Next Meeting: August 17, 2021
15. Adjourn



TECHNOLOGY PURCHASE ORDERS UPDATE

Additional POs that were executed over the last two months to stay on schedule:

PO TECH 013 Hub Tech – WiFi Server replacement order \$13,063.30

Existing server no longer supports new WAPs; new server was required.

PO TECH 014 Tidal – Phone expansion modules \$4,826.50

Expansion modules with side-cradle for handset ordered for (21) Admin phones.

PO TECH 015 Hub Tech – Added Monitors and white cables \$3,362.14

Added (2) 32" monitors for viewing security video feed, plus white cables for ceiling APs.

PO TECH 016 Pro AV Systems – Change Order and spare pens \$9,625.69

Flat panel display field changes, misc. hardware & cables, plus spare interactive pens.

See next slide for budget summary.

Seeking a vote for retroactive approval of Purchase Orders.



TECHNOLOGY BUDGET SUMMARY UPDATE

Total Programmed	\$1,670,066.05
Total Budget	\$1,854,000.00
Over/Under	\$183,933.95
Contingency	\$10,000.00
Funds Remaining	\$193,933.95

**Seeking a vote of retroactive approval for
TECHNOLOGY POs 013, 014, 015, 016**



Equipment	Budget
Network Core Equipment	
Network Installation and Configuration	\$ 49,000.00
Network Switches	In Base Contruction Contract
Telephone System	\$ 34,595.00
Whalley Reconfiguration Services	\$ 15,392.00
Internet Service Line	\$ -
Wireless	In Base Contruction Contract
	\$ 98,987.00
Computers	
Teacher LT Computer	\$ 83,525.00
Admin LT Computer	\$ 38,770.77
Admin DT Computer	\$ 4,383.78
Admin Docking and Monitors	Included in Admin LT Computer item above
Student LT/DT Computer	\$ -
Teacher Chromebooks	\$ 39,345.68
Teacher iPad	Included below in Student iPads
Student Chromebooks - 1st Phase	\$ 134,775.30
Student Chromebook Carts - 1st Phase	\$ 15,607.24
Student Chromebooks	\$ 442,638.90
Student Chromebook Carts	\$ 51,078.24
Studentnt iPads	\$ 98,267.00
Student iPad Carts	\$ 16,188.40
iPad White Glove Sevices	\$ 5,655.00
Small Charging Cabinets	\$ 2,361.05
	\$ 932,596.36
Printers	
MFP Printer	\$ 440.22
Work Group Printers	\$ 5,471.88
	\$ 5,912.10
Audio and Video Equipment	
Projectors	\$ 271,431.00
Document Camera	\$ 24,727.50
Admin Flat Panels	\$ 9,404.00
Classroom IFP on Cart	\$ 175,209.00
Colaboration Room IFP	\$ 38,548.00
Portable Projection System- Gym	\$ 20,664.00
Portable Teacher's Projection Cart	\$ 2,413.00
Spare Projector	\$ 2,345.00
Spare IFP	\$ 1,473.00
	\$ 546,214.50
Other	
Chromebook Mice	\$ 8,807.10
AV equipment for Video Room	\$ 5,722.18
Apple Equipment for Video Room	\$ 12,301.00
POS	\$ 11,873.00
Multiple Microphones - 6 ELA Rooms	Change as part of Base Contract
Maker Space	\$ 8,143.20
Spare Pens for Projectors and IFP's	\$ 1,330.00
Wireless Extreme IQ Server	\$ 13,063.30
Admin Phone Side Cars	\$ 4,826.50
ProAV rework	\$ 8,295.69
White wireless patch cords	\$ 1,994.12
	\$ 76,356.09
Contingency	\$ 10,000.00
	\$ 10,000.00
Sub Total	\$ 1,670,066.05
1236000	
Total	\$ 1,670,066.05
Total Budget	\$ 1,854,000.00
Over/Under	\$ 183,933.95
Funds Remaining	\$ 193,933.95

		Description
Lot	Hub	Including all hardware, installation and configuration. Dual 40Gb to Core.
Lot	Tidal	Reuse Existing Phone System, new IP phones throughout
Lot	WCA	To relocated Internet and Fiber to new buidling
	Base	For providing Fiber to the building
	Base	Aerohive AP650 with ac technology
65	Hub	Latitude 5410 BTX Base 201-AVCH (\$1375)
23	Hub	Latitude 5410 BTX Base 201-AVCH (\$1375)
6	Hub	Dell Optiplex 3080 SFF XCTO - 210-AVPR (\$791.10)
	Hub	Admin Docking Satition with 27" display(E2720H+210-ARIO WD10 Dc
0		Student DT/LT at \$1000/ea
88	Hub	14" Teacher Chromebooks
4	APPL	Apple iPad with AC and Cover
330		HP Chrome 14" G5 +GMC+Warranty+Setup
11		Bretford Charging Cart - Northbridge Standard
990	Hub	HP Chrome 14" G5 +GMC+Warranty+Setup
36	Hub	Bretford Charging Cart - Northbridge Standard
256	APPL	Apple iPad with AC and Cover
10	Hub	Bretford Charging Cart for iPads including install
Lot	Hub	To update, add apps, MDM and load into carts and cabinets.
5	Hub	Kennsington AC Lock and Charge
1	Hub	HPM227df Multifunction B&W Laser Printer
4	Hub	HP610dn B&W Laser Printer
79	ProAV	Epson 1480Fi with cabling and install
75	ProAV	Aver doc cam installed
4	ProAV	65" Flat panel displays with cabling and install
67	ProAV	Promethean Nickel 65" panels
7	ProAV	Wall mounted Clear Touch, Promethean or other with Chrom
1	ProAV	Epson L1750 on a cart
1	ProAV	Epson ultra short throw on Cart
1	ProAV	Epson spare projector
1	ProAV	Promethean sparsr Nickel 65" IFP
930	Hub	Logitech B100 Mouse (100% for PreK, K and 1st,50% for 2-4
	ProAV	Video editing and recording equipment
4/10	APPL	Four iMacs and 10 iPads and software Voucher
5	Heart	Bsaed on Heartland Quote for 5 stations.
	Base	Will be handeld as a change order to Lightspeed Systems in CD's.
2	Hub	3D Printers - Makerbot Replicator+ with warranty, install and supplies
	ProAV	IFP and Projector spare pens
1	Hub	To deal with Changes in Aerohive Wireless Controller
21	Tidal	Additional Admin phone equipment
	ProAV	Rework required for various areas
220	Hub	White patch cords for AP's in ceilings.

Estmtated basaed on Similar, Requests TBD
 Based on Preliminary Pricing, Requests for Pricing issued.
 Final Proposals Received, PO's Pendir **Note Quantity
 Purchased

TECHNOLOGY SCHEDULE UPDATE

Wireless AP's - Being installed in ceilings, started 8/12 and completed 8/13 except for AP's in the Gym and the North Cafeteria – waiting on wall mount brackets.

Patching of Network Switches - Will be complete the week of 8/20.

Chromebook Carts and Cabinets – Will be complete the week of 8/20.

Printers -Will be completed week of 8/20

Mice – Will be completed week of 8/20

iPad Carts - Will be complete the week of 8/27

Wireless Server - Will be complete by August 31st.



FF&E UPDATE

- Much of the Equipment has been delivered, and is in process of being placed around the building
- D+W punch list was submitted to furniture vendors last week of July and they are (slowly) working through issues
- Labor to perform tasks is an issue
- Broken-up orders and deliveries have been an issue
- Approved Equipment POs for groundskeeping and classroom equipment have been executed.



FF&E UPDATE

New POs

- PO FFE 044 – Husqvarna ZT mower and bagger \$197 *
- PO FFE 046 – Labor to Assemble Spec Ed Equipment \$4,730
- PO FFE 047 – Storage Bins (not carried on original quote) \$9,991
- PO FFE XXX – Labor to Assemble Maker Space Equip \$10,000



* Full value of PO is \$4,500 - Up from \$4,303 quoted in July '21 – now includes bagger attachment - difference **\$197.00**



FIXTURES AND EQUIPMENT ACTUALS BY CATEGORY

CATEGORY	7/20/21 ACTUAL	8/17/21 ACTUAL	VARIANCE
General Equipment	\$86,252	\$96,243	PO FFE 047 - \$9,991
Kitchen Smallwares	\$10,817	\$10,817	
Gymnasium Fitness Equipment	\$8,576	\$8,576	
OT/PT / Adaptive/ Sp.Ed.	\$35,811	\$40,541	PO FFE 046 - \$4,730
Health Equipment	\$16,854	\$16,854	
Custodial Equipment	\$163,017	\$163,214	PO FFE 044 - \$197
Maker Space Equipment	\$32,641	\$42,641	PO FFE XXX - \$10,000
Art Equipment	\$33,388	\$33,388	
Music Equipment	\$29,122	\$29,122	
Library/ A-V Room Equipment	\$2,182	\$2,182	
PO FFE 029 – Library Chairs	\$1,415	\$1,415	
PO FFE 030 - Table Totes	\$30,861	\$30,861	
Equipment Total (Final)	\$450,936	\$475,854	\$24,918



FURNITURE, FIXTURES AND EQUIPMENT OVERALL BUDGET UPDATE

A	MSBA Overall FF&E budget	\$1,648,000
B	Actual Furniture Cost	\$1,165,122
C	Equipment Budget (Line A) – (Line B)	\$482,878
D	Actual Equipment Cost including new variances	\$475,854
E	Voted Equipment Budget (Funds voted by SBC 5/18)	\$421,315
F	Difference over Voted Budget (Line D) – (Line E)	(\$54,539)
G	Budget Contingency (Line C) – (Line D)	\$7,024



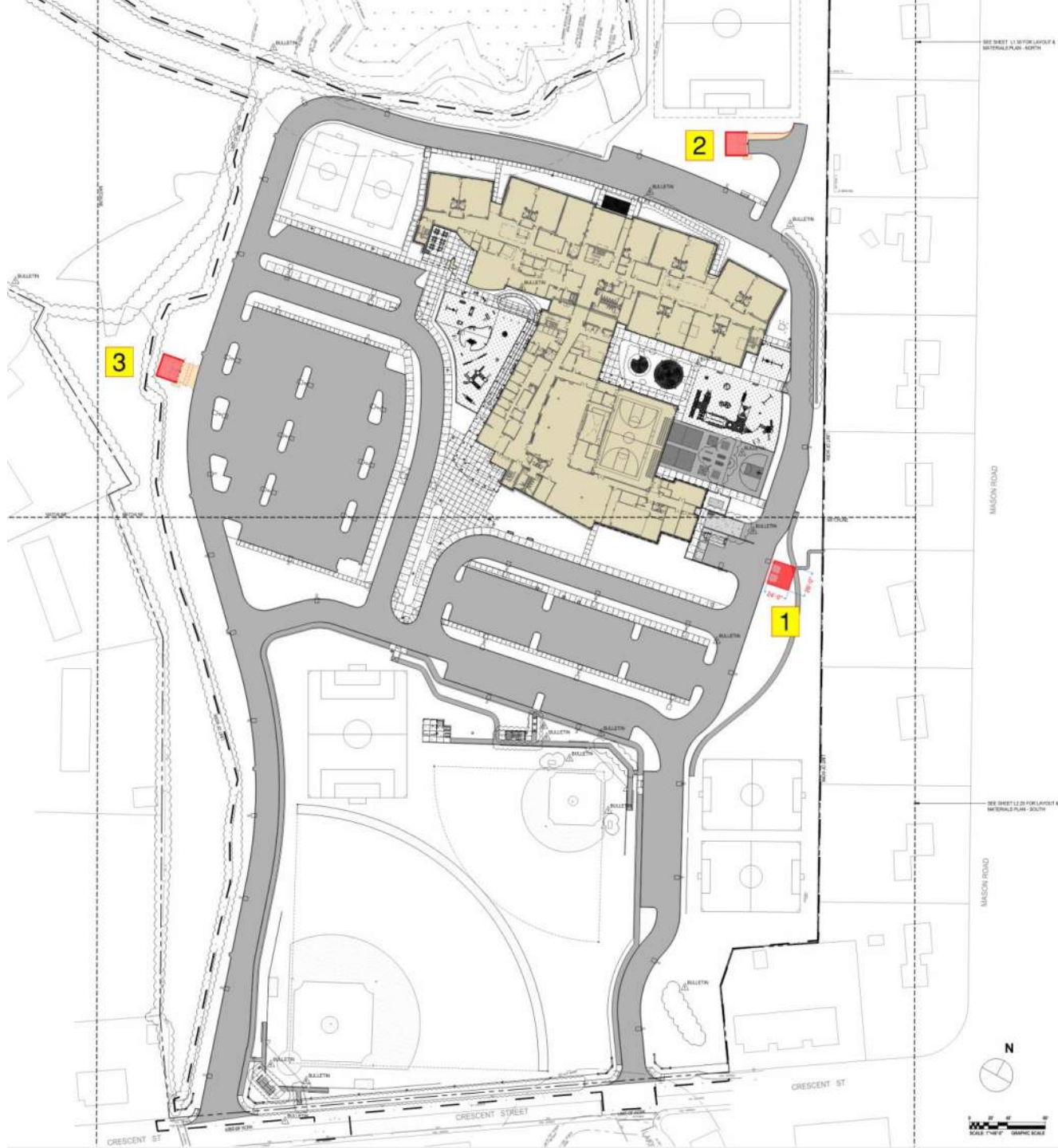
FURNITURE, FIXTURES AND EQUIPMENT BUDGET “KNOWN UNKNOWN”

FF&E Contingency Remaining (from previous blue table)		\$7,024
BearCom: Radio Signal Repeater and added Programming		\$9,413
Contingency Budget Remaining		(\$2,389)



EQUIPMENT STORAGE SHEDS UPDATE

- Site plan options presented last month
- SBC decided Site #3 was best fit
- Design team directed to find lesser cost alternative





"Duratemp Gable Garage"



"Duratemp Highwall Garage"

EQUIPMENT STORAGE SHEDS

- Size requirements of landscaping equipment checked against wood-framed sheds (re. Skip's Outdoor Accents)
- 12' W x 18' L x 6'-9" H, gambrel or gable design
- 9' H x 7' W overhead door fits equipment
- Pricing: \$8054 per each, (2) required
- Total, sheds only, delivered and set in place:
\$16,108





EQUIPMENT STORAGE SHEDS

*SCHEMATIC SITE/
GRADING PLAN –
FOR DISCUSSION ONLY*



CUSTODIAL EQUIPMENT STORAGE SHEDS UPDATE

Size: 12' W x 18' L x 6'-9" H to the eave.

PRELIMINARY R.O.M. PRICING:

• Site Work (includes \$10K allowance for ledge):	\$50,000
• Concrete Sidewalks	\$5,000
• Wood-Framed Sheds (Skips Sheds, Sutton, MA) Including wood ramps, delivery and setting in place:	\$16,108
• Electrical – tap off site lighting circuit	\$20,000
• General Project Requirements	\$25,000
• Insurance, Bonds, Contingency	\$10,000
• OH&P 6.5%	\$8,200
TOTAL	\$134,308



CUSTODIAL EQUIPMENT STORAGE SHEDS UPDATE

PROFESSIONAL SERVICES FEES (ADDITIONAL SERVICES):

• Civil Engineering/ Limited Permitting:	\$6,200
• Architectural Services	\$620
TOTAL	\$6,820



CUSTODIAL EQUIPMENT STORAGE SHEDS UPDATE

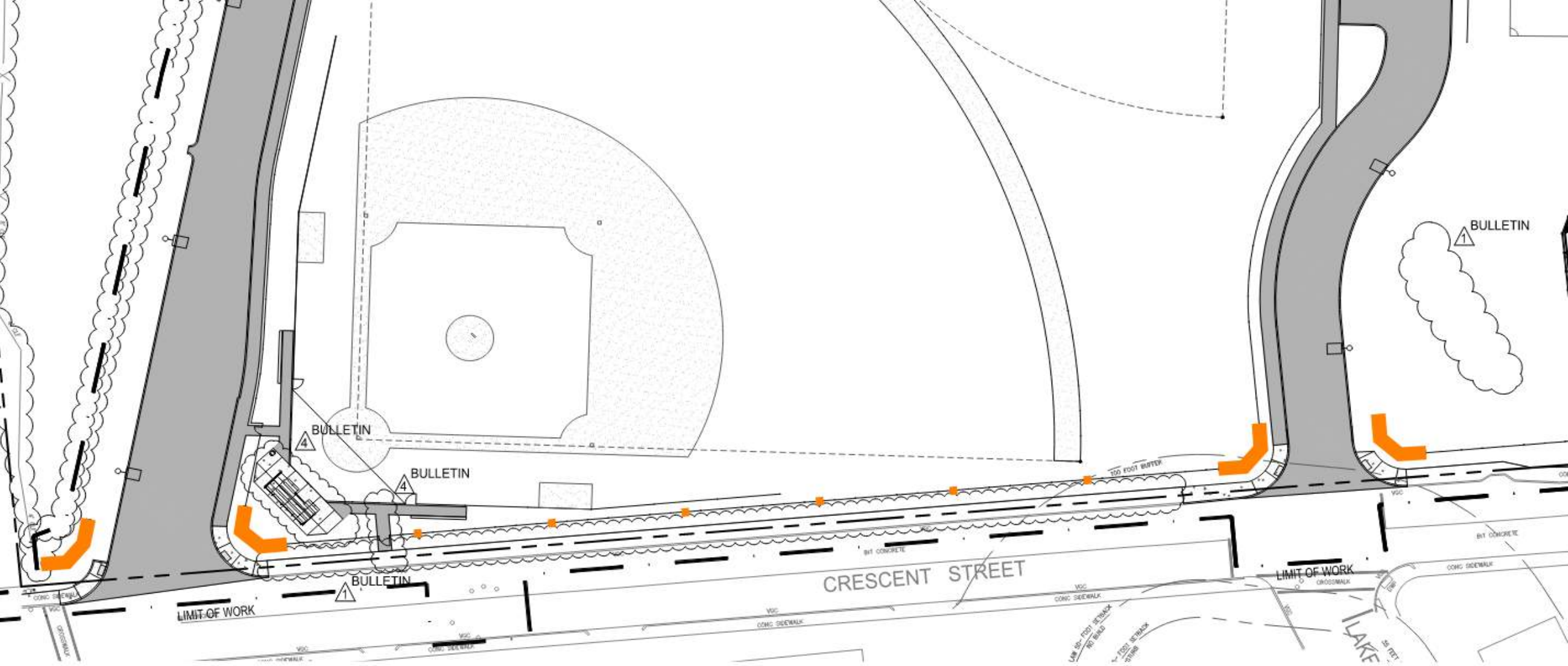
TOTAL COST:

TOTAL A/E FEES	\$6,820
----------------	---------

CONSTRUCTION COSTS (ROM PRICING)	\$134,308
-------------------------------------	-----------

TOTAL ADDED COST:	\$141,128
-------------------	-----------

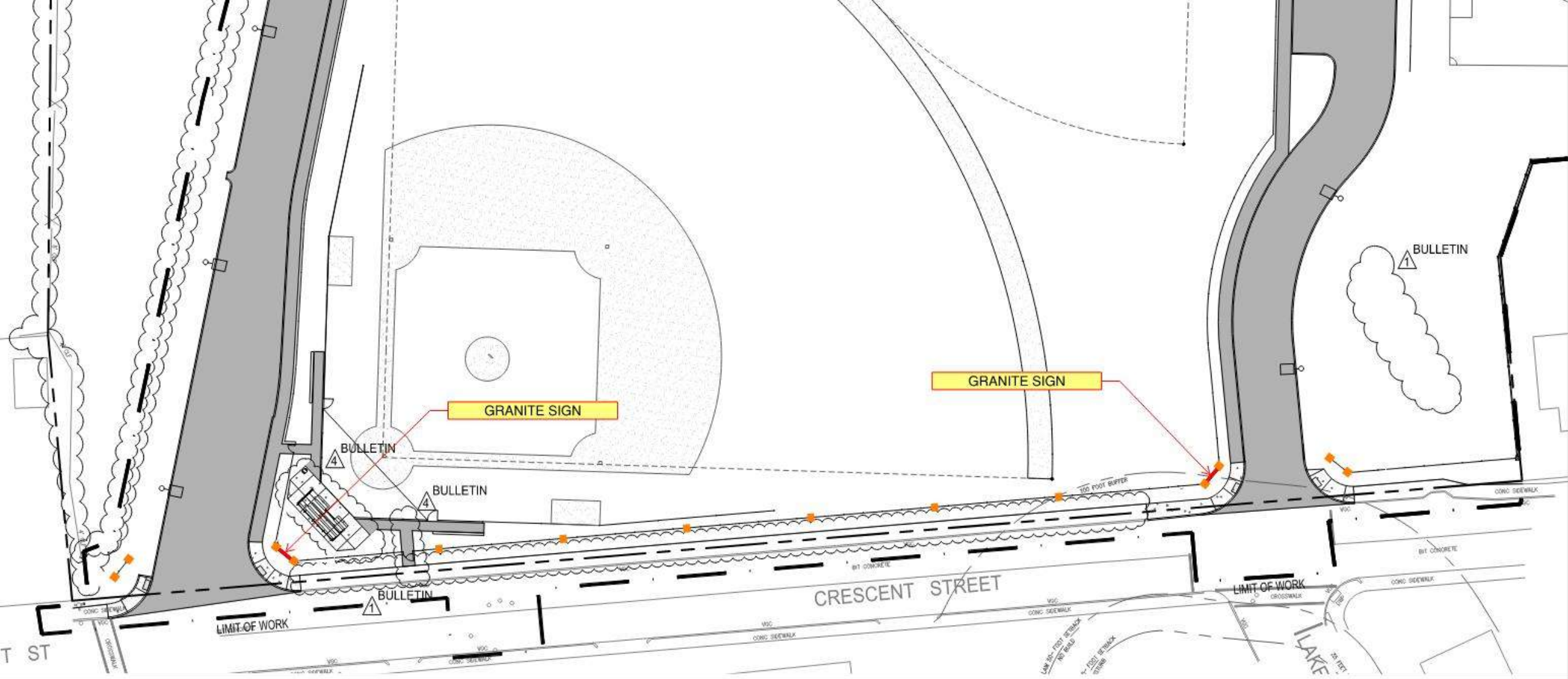




SITE MASONRY GATEWAY UPDATE

ORIGINAL SCHEME





SITE MASONRY GATEWAY UPDATE

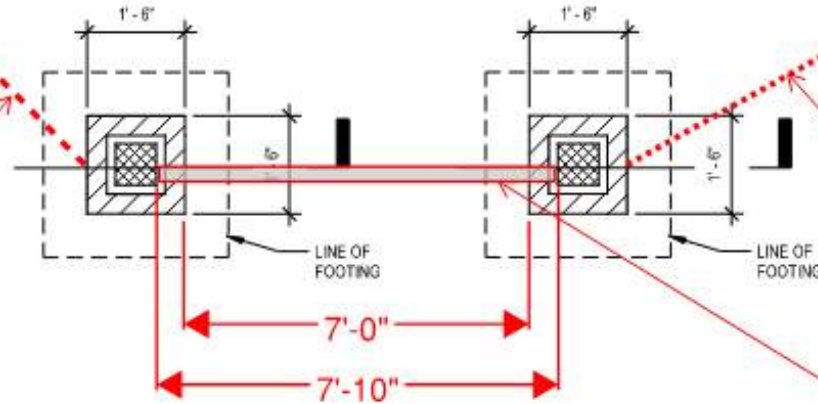
REVISED SCHEME:

R.O.M. COST: \$121,000



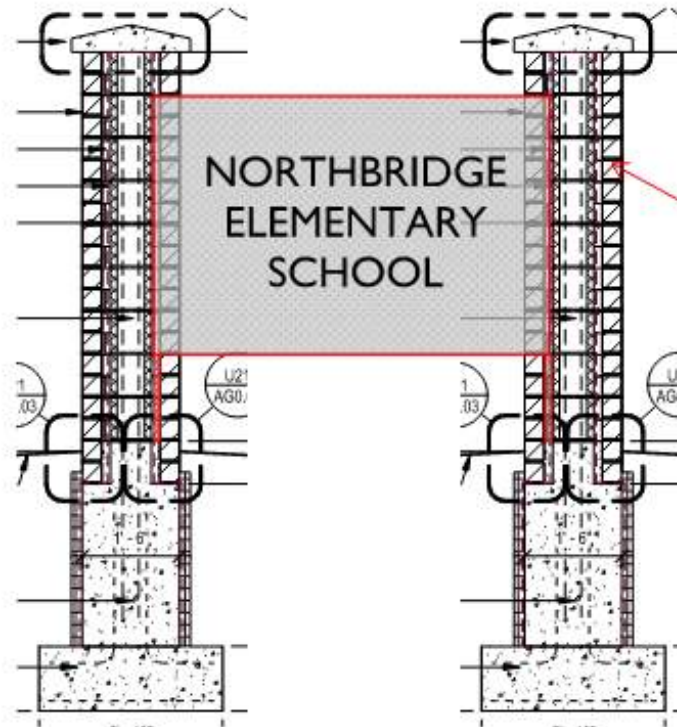
SITE MASONRY GATEWAY UPDATE

METAL ORNAMENTAL
FENCE JOINS PIER AT
SITE-SPECIFIC ANGLE -
SEE LARGE SITE PLAN



CHAIN LINK FENCE
JOINS AT SITE-SPECIFIC
ANGLE - SEE LARGE
SITE PLAN

7'-10" W X 4'-0" H X 4" D
GRANITE SIGN
SUPPORTED ON SOLID
MASONRY PIERS

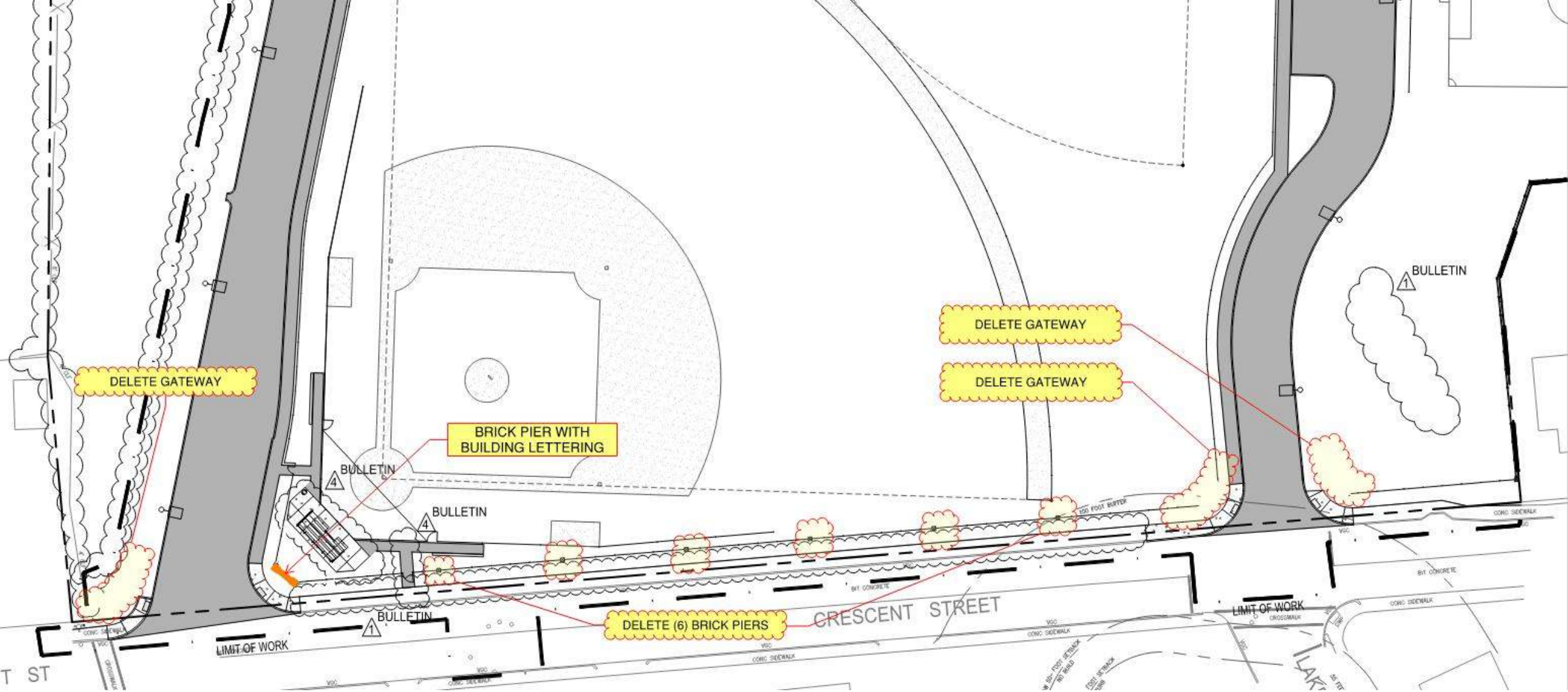


PROVIDE (2) PIER/SIGNS AS DRAWN, LOCATE
ONE AT EACH SITE ENTRY ACCESS DRIVE
(ONE EAST, ONE WEST).
AT OPPOSITE (2) FACING PIER LOCATIONS,
PROVIDE THIS DETAIL WITH ORNAMENTAL
METAL FENCING IN LIEU OF GRANITE SIGN.

REVISED SCHEME:

R.O.M. COST: \$121,000

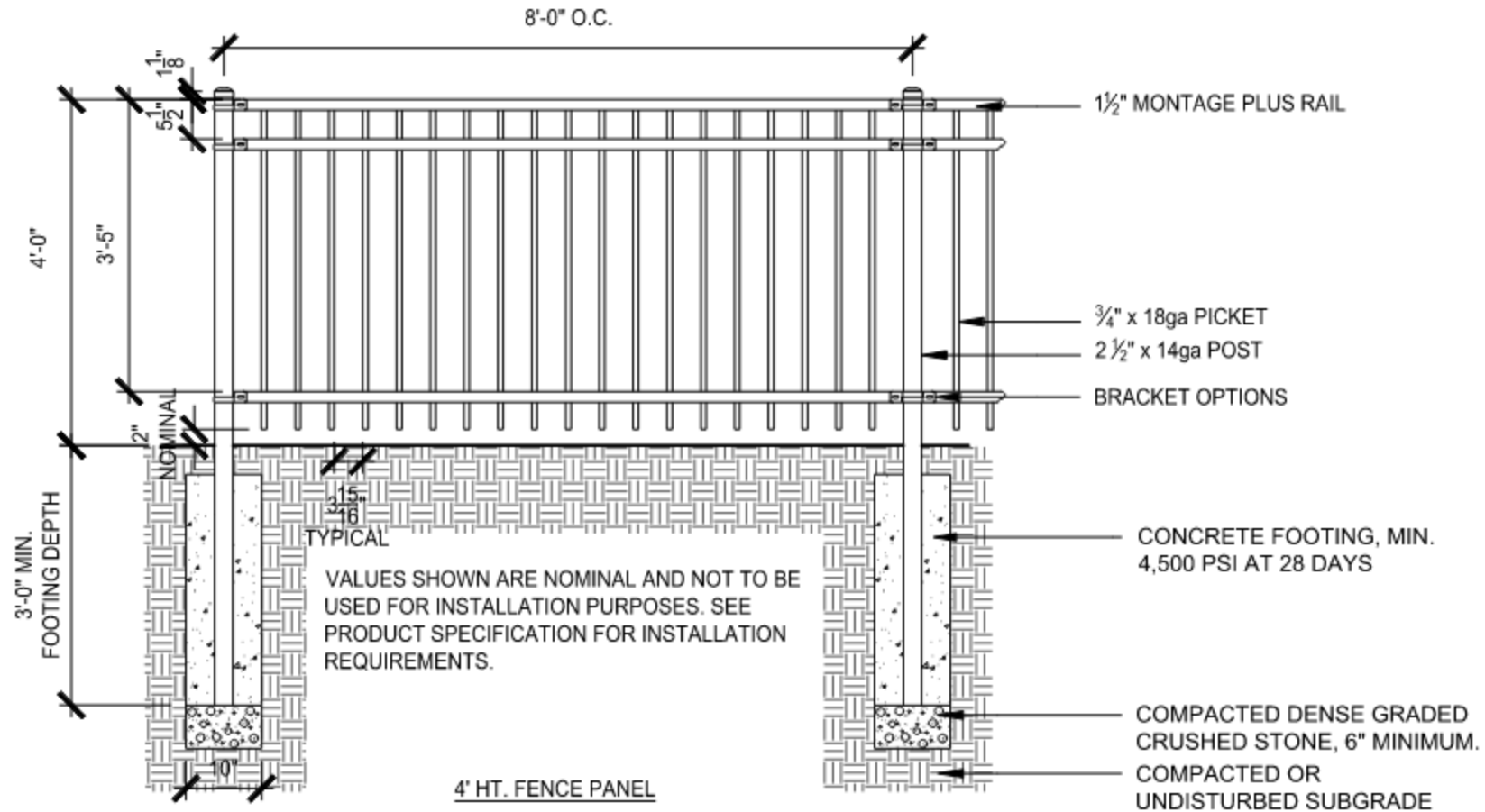
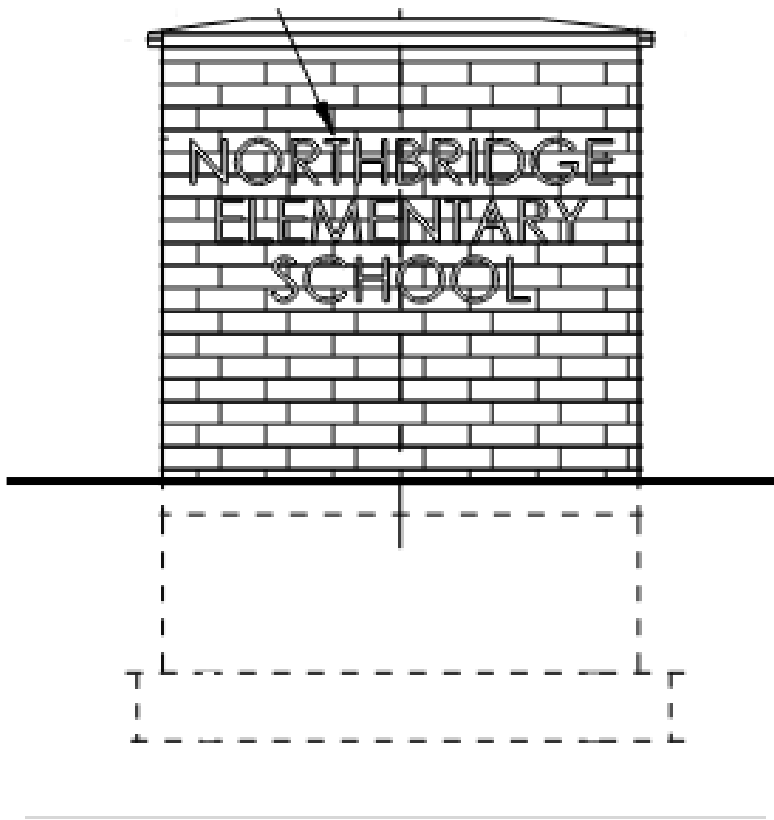




SITE MASONRY GATEWAY UPDATE

REVISED SCHEME:
R.O.M. COST: \$???





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

SITE MASONRY GATEWAY UPDATE

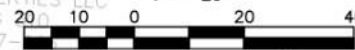


292 MASON RD
N/F COLLINS RUSSELL
BK 6581 PG 254
MAP PARCEL 7-288

45-55 CRESCENT ST
N/F MAHONEY NOMINEE
TRUST
BK 45941 PG 70
MAP PARCEL 7-142

CRESCENT ST

44-54 CRESCENT ST
N/F LEGERE PROPERTIES LLC
BK 39096 PG 20 10
MAP PARCEL 7-

$$1^{29} = 20$$


Grading Plan Detail





45-55 CRESCENT STREET UPDATE



Balmer Elementary School Ribbon Ceremony
Month Day, YEAR at Time

PROGRAM

Outdoor Ceremony: Front Sidewalk Area
Welcome and Introductions:
Pledge of Allegiance:
Speakers:

Indoor Ceremony:

School Building Committee

Insert Name
Insert Name
Insert Name
Insert Name
Insert Name
Insert Name
Insert Name

School Committee

Insert Name
Insert Name
Insert Name
Insert Name
Insert Name
Insert Name
Insert Name

BES Student Representatives

Insert Name
Insert Name
Insert Name
Insert Name
Insert Name

State Representatives

Insert Name
Insert Name
Insert Name
Insert Name

Board of Selectmen

Insert Name
Insert Name
Insert Name
Insert Name

Mass. School Building Authority

Insert Name
Insert Name

SMMA

Insert Name
Insert Name
Insert Name
Insert Name

Dore + Whittier Architects

Insert Name
Insert Name
Insert Name
Insert Name

FONTAINE BROS., INC.

Insert Name
Insert Name
Insert Name
Insert Name



**NORTHBRIDGE
PUBLIC SCHOOLS**

SMMA

Project Management



RIBBON CUTTING CEREMONY UPDATE

PLACEHOLDER



CONSTRUCTION UPDATE

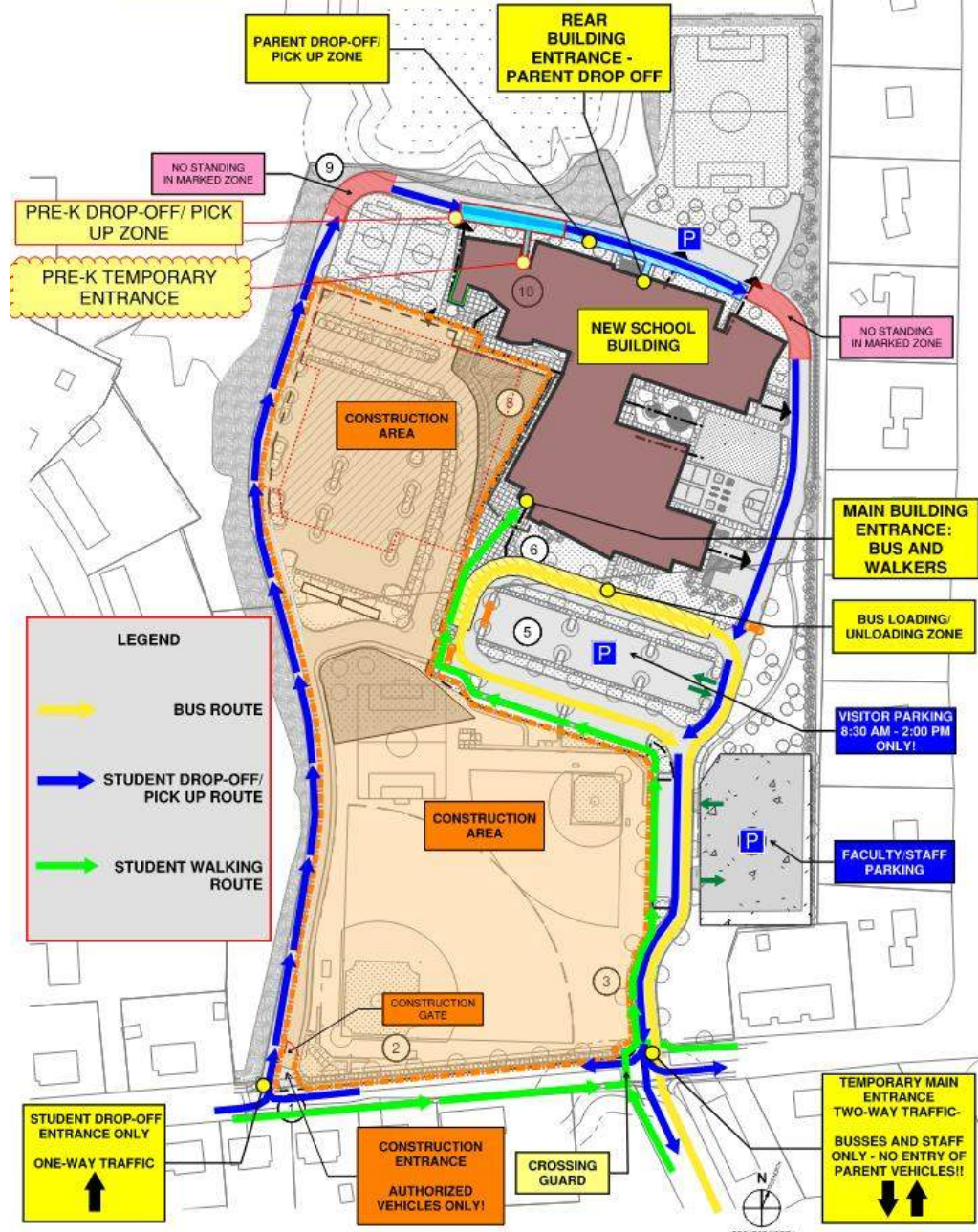


FONTAINE BROS., INC.

CONSTRUCTION MANAGERS
GENERAL CONTRACTORS



**TEMPORARY SITE CIRCULATION DIAGRAM
NEW NORTHBRIDGE ELEMENTARY SCHOOL
FALL 2021**



FALL '21 TEMPORARY CIRCULATION PLAN



SITE OVERVIEW:
Balmer Demolition
underway – 7/30

CONSTRUCTION UPDATE



SITE OVERVIEW:
Balmer Demolition
underway – 7/30

CONSTRUCTION UPDATE



CONSTRUCTION UPDATE



Balmer Demolition underway – 7/30

Balmer
Demolition
completed
8/12/21

CONSTRUCTION UPDATE



Balmer Demolition
completed 8/12/21

CONSTRUCTION UPDATE





CONSTRUCTION UPDATE

Phase 2 – Curbing and base course
paving progress at car drop-off loop

CONSTRUCTION UPDATE



Phase 2 – Curbing and soil finishing
progress south of the school

CONSTRUCTION UPDATE



Phase 2 - EV Charging stations installed

CONSTRUCTION UPDATE



Phase 2 Site work well underway on ball fields

QUESTION AND ANSWER

