

SCHOOL BUILDING COMMITTEE MEETING

AUGUST 26, 2019











AGENDA

- Neighborhood Meeting Update
- CD Progress Report
- 60% CD Cost Estimate Update
- Construction Progress Update





JV – Juniper Virginianus 'Emerald Sentinel' Eastern Red Cedar 7'-8' tall when planted



PG – Picea Glauca White Spruce

10'-12' tall when planted



TG – Thuja 'Green Giant' Arborvitae

10'-12' tall when planted







DECID

AR – Acer Rubrum **Red Maple** 'October Glory'

3"- 3.5" Caliper when planted



GB – **Ginkgo** Biloba 'Autumn Gold' Maidenhair

2.5" - 3" Caliper when planted



GT – Gleditsia Tr. Inermis 'Shademaster' **Honey Locust**

3" - 3.5" Caliper when planted



326 WOODED 324 324.00-IN HC SPACES ALL DIRECTIONS

266 MASON RD N/F CRAIG FRANCINE BK 36657 PG 233 MAP PARCEL 7-290

TYPICAL EXAMPLE SLIDE



GT – 'Shademaster'
Honey Locust

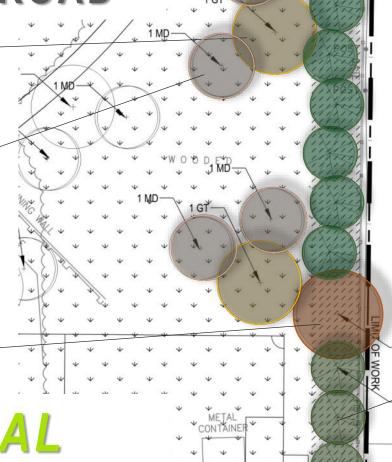


AR – Acer Rubrum

PROPOSED LANDSCAPING 266 MASON ROAD



MD – Wyman Crabapple







PG – White Pine



MASON RD

6 TG

TG – Thuja 'Green Giant' Arborvitae

DESIGNER
PROGRESS
REPORT

7/31	90% CD Pricing Documents issued
8/6	Attended MSBA Collaborative Furniture Procurement meeting
8/6	Working Group Meeting – Final Interiors Presentation

Board of Health permit approval received

Ongoing:

- Construction Document Detailing and Production, Specifications coordination and editing,
 Consultant Drawing and Spec Coordination, QA/QC redlining
- PM coordination with internal team, CM, Consultants, OPM, Owner
- On-site Construction Administration services: weekly meetings, field reports, submittals, requests for information/interpretation (RFI's), payment application review

Next Deadlines:

9/4/19 90% CD package submitted to MSBA

8/14

• 10/9/19 100% CDs posted for Trade & Non-Trade Bidding



ESTIMATED CONSTRUCTION COST COMPARISON - 90%CD

	60% CD PHASE	90% CD PHASE	90% CD PHASE
	FONTAINE BROS. INC. (CM)	PM&C INC. (Designer's Estimator)	FONTAINE BROS. INC. (CM)
AREA (GSF)	167,352	167,352	167,352
BUILDING	\$54,179,110	\$55,427,956	\$55,859,036
SITE WORK	\$11,257,934	\$12,115,301	\$12,207,562
MARK-UPS	\$13,680,562	\$11,637,777	\$11,334,828
Post-Estimate VE	(\$47,673)		
TOTAL	\$79,069,933	\$79,181,034	\$79,401,426
Unit Cost (\$/SF)	\$472	\$473	\$474

CONSTRUCTION BUDGET: \$79,492,663

ESTIMATED CONSTRUCTION COST PROGRESSION - DD / 60%CD/ 90% CD

	DD PHASE	60% CD PHASE	90% CD PHASE
	FONTAINE BROS. INC. (CM)	FONTAINE BROS. INC. (CM)	FONTAINE BROS. INC. (CM)
AREA (GSF)	167,352	167,352	167,352
BUILDING	\$50,767,822	\$54,179,110	\$55,859,036
SITE WORK & DEMO	\$12,554,970	\$11,257,934	\$12,207,562
MARK-UPS	\$16,157,650	\$13,680,562	\$11,334,828
Post-Estimate VE	(\$629,476)	(\$47,673)	
TOTAL	\$78,850,968	\$79,069,933	\$79,401,426
Unit Cost (\$/SF)	\$471	\$472	\$474



CONSTRUCTION BUDGET: \$79,492,663

MECHANICAL RTU ACOUSTICAL UPDATE

COMPARING COST OPTIONS:

1. Conventional mech units and BRD sound treatment, plus the solid absorptive acoustical roof screens on structural steel support structure: ADD approx. \$338,000 – in CD90 estimate

VERSUS

2. Conventional mech units, plus BRD curb-supported solid acoustical roof screens with integral support and BRD sound treatment, with NO structural steel support structure. **Costs less, but durability and warranty questions.**

VERSUS

3. AAON proprietary mech units (+ ~15%), plus corrugated sheet metal roof screens on structural steel support structure. Found that sound data on unit was not correctly reported; when evaluated was not that much quieter than specified units.













