PRESENTERS



Christina S. Bazelmans

Principal | Director of Programming & Sustainability

LPA|A



Elizabeth Wambui

Director of Diversity, Inclusion and Community Impact

FONTAINE

GENERAL CONTRACTORS | CONSTRUCTION MANAGERS

PROPOSED SITE



0 100 200 400

PROPOSED SITE PLAN


DOHERTY MEMORIAL HIGH SCHOOL

LIVING LAB OPPORTUNITIES

- BUILD CAREER AWARENESS. DIVERSIFY STEM FIELDS, TRADES, ARCHITECTURE, AND ENGINEERING.
- STRENGTHEN LOCAL WORKFORCE PIPELINES
- SUPPORT CURRICULUM PRIORITIES WITH TARGETED STUDENT ENGAGEMENTS

GOALS

PARNTERSHIPS

WORCESTER PUBLIC SCHOOLS
INNOVATION PATHWAYS PROGRAM

WORCESTER TECHNICAL HIGH SCHOOL
EST. 1908



Girls Inc.
EUREKA!

REGIONAL
MONTACHUSETT
VOCATIONAL TECHNICAL
19 65
SCHOOL DISTRICT

LPA|Architects



WORCESTER PUBLIC SCHOOLS
WORCESTER MASSACHUSETTS

FONTAINE
+DIMEO



WORCESTER POLYTECHNIC INSTITUTE
LEHR UND KUNST
1865



ETA



PROPOSED CHAPTER 74 PROGRAMS:

CHAPTER 74 PROGRAMS

WORCESTER PUBLIC SCHOOLS

Massachusetts Department of ELEMENTARY & SECONDARY EDUCATION

CTE® Learning that works for Massachusetts

ENGINEERING & TECHNOLOGY ACADEMY
Enrollment: 400 Students (Existing to be expanded)

MARKETING MANAGEMENT & FINANCE
Enrollment: 200 Students

PROGRAMMING & WEB DEVELOPMENT
Enrollment: 200 Students

CONSTRUCTION CRAFT LABORER
Enrollment: 150 Students

ADVANCED ACADEMY IN BIOTECHNOLOGY
Enrollment: 200 Students

SCHEDULE

2022 | 2023 | 2024 | 2025

J F M A M J J A S O N D | J F M A M J J A S O N D | J F M A M J J A S O N D | J F M A M J J A S O N D

CONCRETE & STEEL
FBI/BDI STRUCTURAL PRESENATION
SITE VISIT
ETA CLASS COLLABORATION
GEOTECHNICAL PRESENTATION

STRUCTURAL ENGINEER

ROOFING

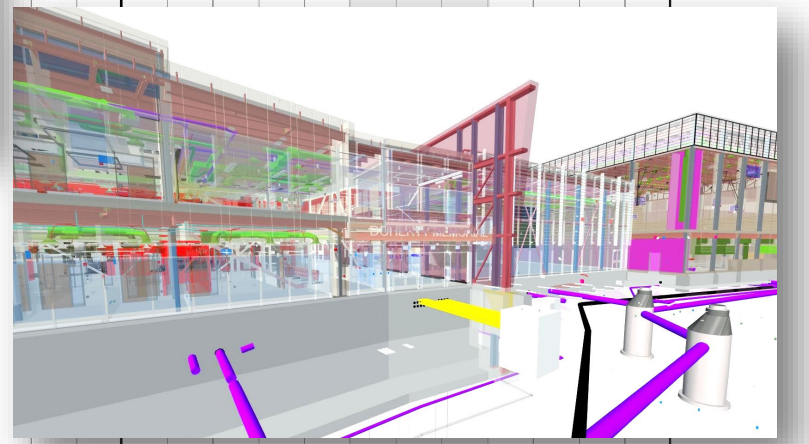
FIREPROOFING

MOCK-UP WALL

EXTERIOR FACADE
SITE VISITS
MASONRY / CURTAIN WALL / METAL PANEL
ENVELOPE OBSERVATION AND TESTING

ENVELOPE TESTING





BIM COORDINATION
BIM COORDINATION
PRESENTATION

BIM COORDINATOR PRESENTATION

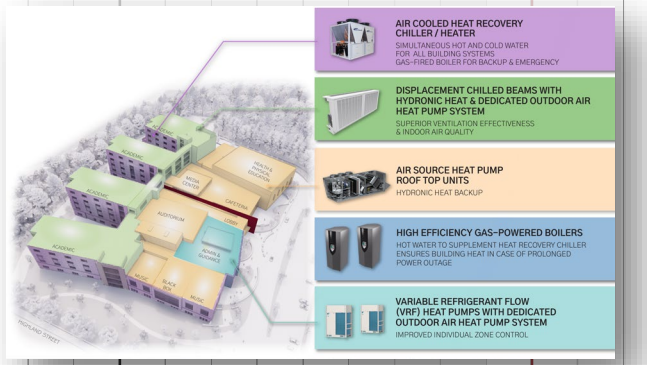
MECHANICAL ELECTRICAL AND PLUMBING INSTALLATION
SITE VISITS
COLLABORATION WITH UNION REPRESENTATIVES
COMMISSIONING PRESENTATION
SUSTAINABLE DESIGN ANALYSIS

COMMISSIONING AGENT

INTERIOR FRAMING AND FINISHES
SITE VISITS
STUDENT PROJECTS (HISTORY WALL, CLASS DEDICATIONS)

SUSTAINABLE DESIGN

HVAC ENGINEER



FURNITURE
SITE VISITS

ACCESS AND PARKING FOR NEW SCHOOL

ABATE AND DEMO EXISTING BUILDING

LANDSCAPE ARCH.



FIELD AND SITE COMPLETION

JOB FAIR | JOB FAIR | JOB FAIR | NEW SCHOOL OCCUPANCY | JOB FAIR | PROJECT COMPLETION | JOB FAIR




AUTODESK AUTOCAD
AUTODESK REVIT
DRAFTING SOFTWARE
LIBRARY CLASSROOM
ABERCROMBIE & FITCH




FONTAINE
+DIMEO


WORCESTER PUBLIC SCHOOLS
WORCESTER MASSACHUSETTS


1910
1920
1930
1940
REGIONAL
MONTACHUSETT
VOCATIONAL TECHNICAL
19 65
SCHOOL DISTRICT


Girls Inc.
EUREKA!




FONTAINE
+DIMEO


PURE LEAF
NO SHORTCUTS



Site Tours

Tour Groups Included:

- Associated General Contractors of MA Externship Program
- Engineering Technology Academy Students
- Innovation Career Pathways
- Job Corps Devens
- Job Corps Grafton
- Leadership Worcester
- Girls Inc. of Worcester
- Worcester Polytechnic Institute (WPI)
- Monty Tech
- School Committee and City Council Members
- Worcester Jobs Fund Members
- Worcester Public Schools Seniors and Juniors
- Worcester Regional Research Bureau







Student and Community Engagement
















Build Your
FUTURE
Ready to build your future? Scan here.
www.NASCTF.org
UNCIL of CARPENTER



Worcester Building Pathways Panel





AGC MA Partnerships



Future Builders: A paid multi-week mentorship program for high school Juniors to learn more about construction management

School Engagement: Continued engagement with alumni from AGC MA anchor programs is critical for long term success and lasting impact.

Building Advancement Externship: paid weeklong program for educators to learn about careers in construction management for students in academic, vocational or alternative education programs.

MWBE / REO REQUIRMENTS

CITY OF WORCESTER WORFORCE GOALS

38% MINORITY

10% WOMEN

25% WORCESTER RESIDENT

CITY OF WORCESTER BUSINESS ENTERPRISE GOALS

10% MINORITY-OWNED BUSINESSES

5% WOMEN-OWNED BUSINESSES

LESSONS LEARNED

✓ A DESIGN AND CONSTRUCTION TEAM-UP WILL REACH MORE STUDENTS

DESIGN, ENGINEERING AND CONSTRUCTION TEAM COLLABORATION ALLOWED US TO REACH MORE STUDENTS AND TO GIVE A COMPREHENSIVE PICTURE OF THE PROJECT AND JOB OPPORTUNITIES FROM CONCEPTION TO COMPLETION.

✓ TIME INVESTMENT UP-FRONT

EXPECT GREATER TIME INVESTMENT AT FIRST TO ESTABLISH THESE RELATIONSHIPS AND BUILD UP MEANINGFUL PRESENTATIONS.

✓ DISTRICT-LEVEL SUPPORT IS VITAL

IN WORKING WITH THE TEACHERS, TIMING AND SCHEDULING CAN BE A CHALLENGE, SO IT HELPS TO HAVE STRONG SUPPORT AND REPRESENTATION AT THE DISTRICT LEVEL AS THESE PROGRAMS ARE ESTABLISHED.

✓ OPPORTUNITIES TO BE MORE HANDS-ON

FUTURE ENGAGEMENT SHOULD EXPAND TO INCLUDE DESIGN CHALLENGES, ESTIMATING EXERCISES, AND MORE HANDS-ON EXPERIENCES.


Questions?