AGENDA

- Welcome & Introductions  Carleton Jones, BPS
- MSBA & Feasibility Study Process  Jim McQueen, PFD
- BAA Educational Program  Anne Clark, BAA
- BAA Presentation  Jana Silsby, Perkins Eastman
  Joe Drown, Perkins Eastman
  Tom Hains, Wilson Butler
  - Existing School
  - Educational Programming
  - Visioning Workshops
  - Next steps in process
- Questions & comments  Project Team
OVERALL PROJECT PROCESS

Project Team

- Boston Public Facilities Department
- Boston Public Schools
- Boston Arts Academy
  - Administrators/Faculty/Staff
  - Students
  - Parents/Alumni
  - Partnerships
- PMA (Owners Project Manager)
- Perkins Eastman / Wilson Butler
- Consultants
<table>
<thead>
<tr>
<th>Feasibility Study (Two Major MSBA Submissions)</th>
<th>Schematic Design</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preliminary Design Program</strong></td>
<td><strong>Schematic Design Report</strong></td>
</tr>
<tr>
<td>•Existing Cond’s/Site Assessments</td>
<td>•Detailed Room Layouts</td>
</tr>
<tr>
<td>•Educational Visioning &amp; Goals</td>
<td>•Finalize Project Scope</td>
</tr>
<tr>
<td>•Educational Program (by District)</td>
<td><strong>Preferred Schem. Report</strong></td>
</tr>
<tr>
<td>•Educ Specfications/Space Needs</td>
<td>•Refinement of Plan Options</td>
</tr>
<tr>
<td>•Develop &amp; Assess Prelim. Options</td>
<td>•Safety &amp; Sustainability Goals</td>
</tr>
<tr>
<td>•Select Preferred Site/Plan Options</td>
<td>•Massing/Design Studies</td>
</tr>
<tr>
<td></td>
<td>•Final Assessment &amp; Select (1)</td>
</tr>
</tbody>
</table>

**OVERALL PROJECT PROCESS**
## OVERALL PROJECT PROCESS

<table>
<thead>
<tr>
<th>DD &amp; CD (Three Major MSBA Submissions)</th>
<th>Bid &amp; CA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Design Development</strong></td>
<td><strong>Bid</strong></td>
</tr>
<tr>
<td>• Develop technical design</td>
<td>• Develop bid Packages</td>
</tr>
<tr>
<td>• Cost Estimate</td>
<td>• Publicly bid</td>
</tr>
<tr>
<td><strong>Construction Documents</strong></td>
<td><strong>CA</strong></td>
</tr>
<tr>
<td>• Prepare documents for public bid</td>
<td>• Construction</td>
</tr>
<tr>
<td>• Cost Estimates 60% &amp; 90%</td>
<td></td>
</tr>
</tbody>
</table>
URBAN SCHOOLS EXPERIENCE
MSBA SCHOOLS EXPERIENCE

- Forest Park Middle School
- Mount Greylock Regional High School
- Ipswich Winthrop Elementary School
- Essex Agricultural and Technical High School
- Runkles K-8 School Brookline
- Taunton High School
- Taunton Parker Middle School
- Assabet Valley Regional Technical HS
DanceTheater

Theater

Dance

Visual Arts

Music
EARLY DESIGN DETERMINES 70-90% OF IMPACT
CONSENSUS BUILDING, THREE-STEP PROCESS

Our Three-Step Process
- Creative Analysis
- Options
- Preferred Schematic

Step One: Creative Analysis
- Inputs:
  - Visioning
  - Focus Groups & Programming
  - Building & Site Assessment
- Outputs:
  - Education Plan & Space Summary
  - Design Principles
  - Patterns
BUILDING & SITE ASSESSMENT

Site Investigations
• Traffic
• Survey
• Civil/Landscape
• Geotechnical Borings (soils)
• Environmental Assessment

Building – Document Inside & Out
• Architecture
• Structural
• Mechanical/Electrical/Plumbing/Fire Protection
• Hazardous Materials
• Food Service
GEOTECHNICAL INVESTIGATIONS

- Test Pit - November
- * Borings - December
EDUCATIONAL PROGRAM, DESIGN PRINCIPLES & SPACE SUMMARY

PROGRAM DRIVES THE PLAN

BUBBLE DIAGRAMS

PLANS & DESIGNS
PROGRAMMING = INNOVATION
Visioning: Body, Mind, Spirit

**BODY**
- Proper Lighting
  - Special water bottle fillers
  - Students and faculty showers
  - Careful attention to acoustics
  - High performance SPF
  - Gender neutral toilet
  - Toilet room proximity
  - Artist in residence
  - “Unspace” Space
  - Gymnasium
  - AV/PA
- Air Quality
  - Natural light
  - Durability
  - Sustainability
  - Suggestion box
  - Drinkable water
  - Accessibility
  - Stage light
  - Individual learning venue (easel)
  - Books and resources for learning living
  - Celebrate local not static artistic heritage
  - Artful wayfinding (executive functioning / clarity of message)
  - Gymnasium

**MIND**
- Collaboration
  - Element of surprise
  - Cooking capabilities
  - Case of access (wifi ...)
  - Element of discovery
  - Display and transparency
  - Represent multi-culturalism

**SPIRIT**
- Inspirational
  - Natural materials
  - Beauty – aesthetics
  - Social awareness
  - Haven from outside
  - Plants – biomimicry
  - Global connections
  - Food – nourishment
  - Safe and comfortable
  - Knowing and being known
  - Community (“family”) – belong
  - Freedom to fail and mock around
- Inclusive & Belonging
  - Look around and be inspired
  - Inspired building – design
  - Represent multi-culturalism
  - Openness and clarity
- Joy
  - Fosters critical thinking
  - Judgment free art zone
  - Glass / open / artistic
  - Attracts artists
  - Learning a craft
  - Global art
  - Daylight
  - Greeting

newvistadesign
Envisioning 21st Century Schools © 2018
Perkins Eastman
& Wilson Butler Architects
Guiding Principles set design priorities and offer an invaluable framework for making decisions and choices as the design process unfolds...
Guiding Design Principles
A Beacon for the Community
Adaptability and Evolution
STEAMy
Builds Community
Health & Wellness
Building as a Teaching Tool
Responds to Unique Environment
A BEACON FOR THE COMMUNITY

- Communicates School Mission
- Civic Presence
- Expressive of Arts/Academic Vibrancy (Inside and Out)
- Supports and Represents All

Frank Sinatra School of the Arts | Queens, NY – Polshek Partnership

Dunbar High School | Washington D.C. – Perkins Eastman
ADAPTABILITY & EVOLUTION

- Preserve the Rebellion
- Supports Product (Public) and Process (Private)
- Supports Transition from Art Student to Artist
- Extended Learning
- Flexible Use/Flexible Learning
EVERY FLOOR A STAGE, EVERY WALL A GALLERY

- Collaboration of Arts Disciplines
- Learning on Display
- Performance and Academics
- Corridors as Streetscapes/Plazas
- Transparency and Security
- Inspiration and Invigorating
STEAMy

- Maker Spaces
- Visible Learning
- Tinkering, Communicating and Synthesizing
- Innovating with Pervasive Technology
BUILDS COMMUNITY

- Heart of the School
- Creates Family
- Engaged Members of a Democratic Society
- Connects Students, Teachers, Families and Community
- Intra, Inter and Extra-Curricular Connections
HEALTH AND WELLNESS

- Active Lifestyle
- Nutritious Foods
- Connection to the Outdoors
- Daylight & Views
- Air Quality & Water Quality
- Social Connections
BUILDING AS A TEACHING TOOL

Martin Luther King Jr. School | Cambridge, MA – Perkins Eastman

Inside the Walls

newvista design
Envisioning 21st Century Schools © 2016
Perkins Eastman & Wilson Butler Architects
LEARNING BEYOND THE CLASSROOM
RESPONDS TO UNIQUE ENVIRONMENT

- Art at the Forefront and Center of Everything
- Financial Responsibility
- Community with Social Responsibility
QUESTIONS & CONVERSATION

Next Steps......