

# OBJECTIVE OF THE PDP: DETERMINE WHICH OPTIONS ARE RECOMMENDED FOR FURTHER STUDY

OPTIONS FOR FURTHER STUDY **MUST** INCLUDE:

- CODE UPGRADE
- ADDITION RENOVATION
- NEW CONSTRUCTION ON EXISTING SITE

OPTIONS FOR FURTHER STUDY **MAY** INCLUDE:

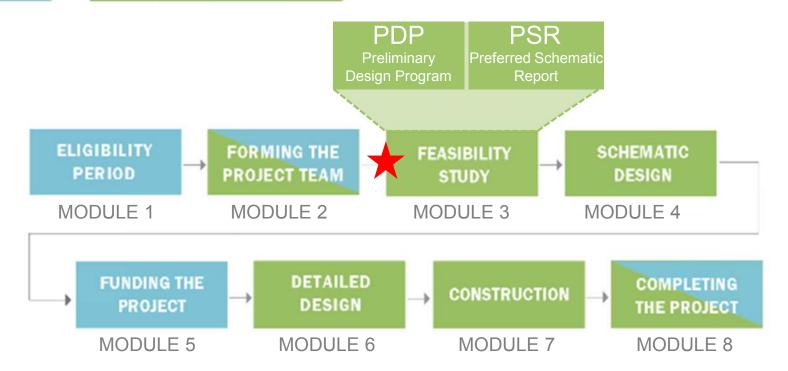
• NEW CONSTRUCTION ON ALTERNATE SITE(S)

# **MSBA Building Process**

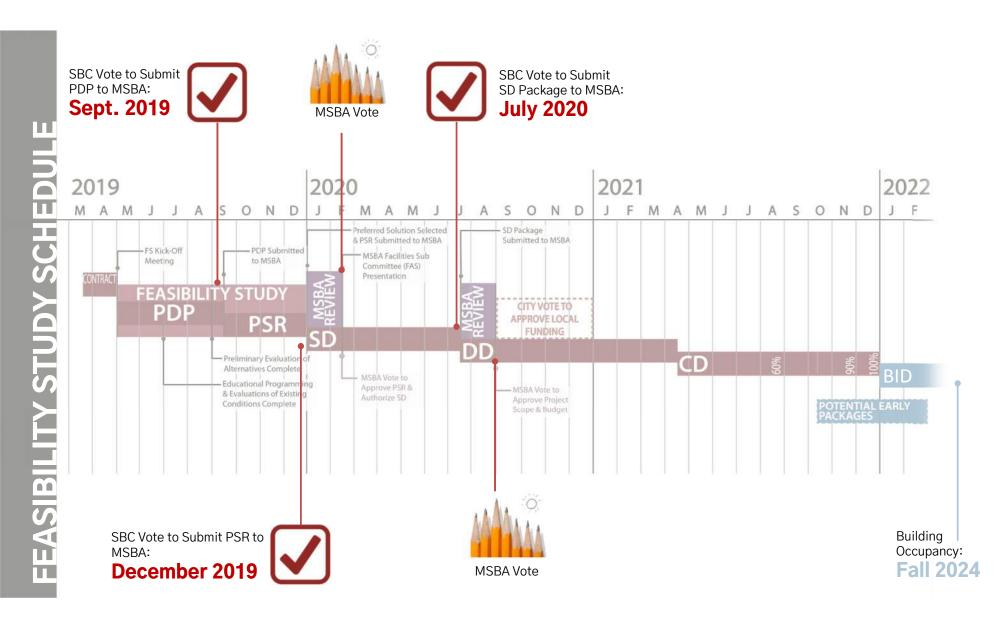
Steps primarily for:

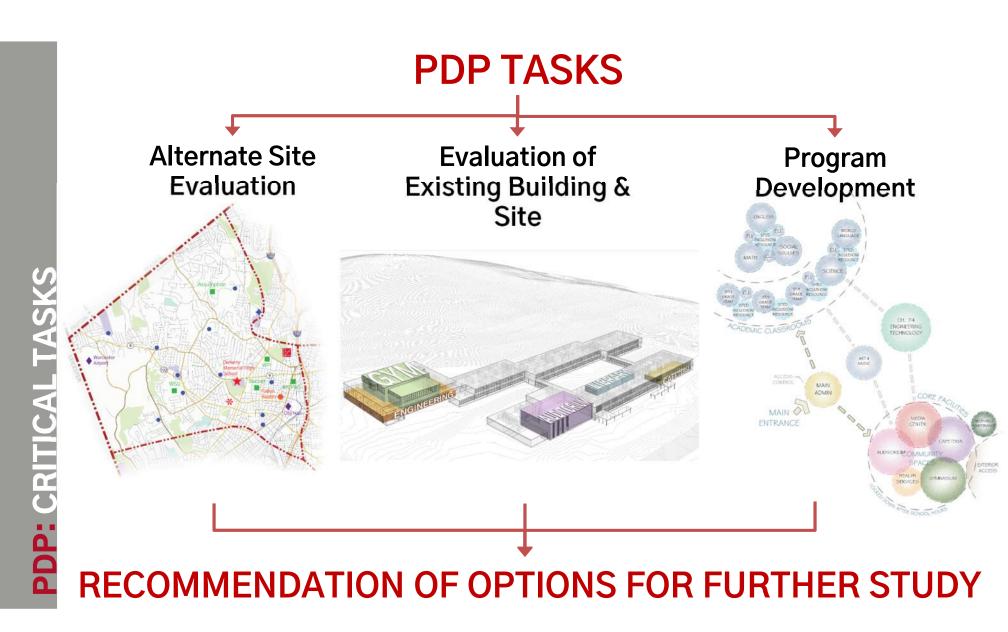
Districts

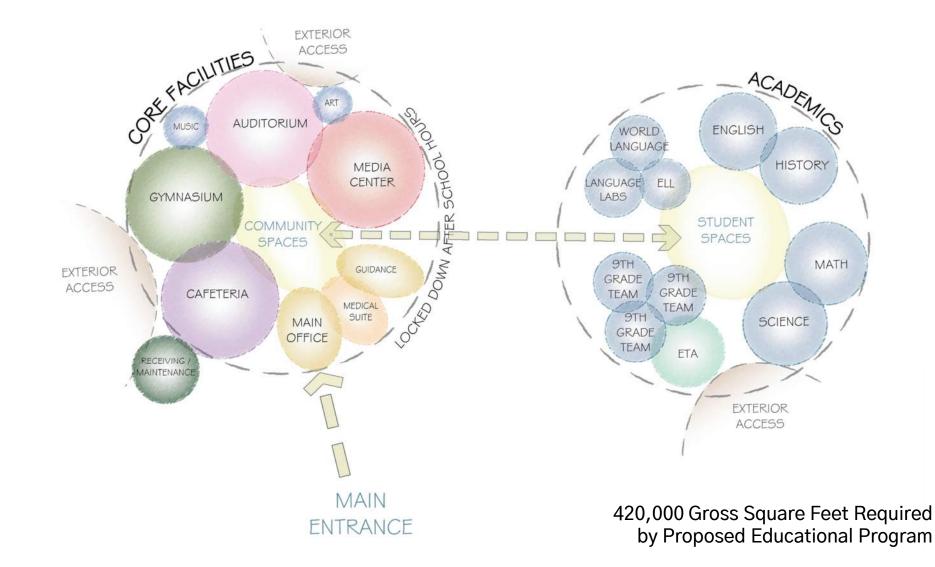
**Construction Professionals** 











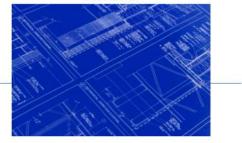
**BUBBLE DIAGRAMS** 

### PROPOSED CHAPTER 74 PROGRAMS:

The Central MA Regional Workforce

Blueprint





# **ENGINEERING & TECHNOLOGY ACADEMY**

Enrollment: 400 Students (Existing to be expanded)

# **MARKETING MANAGEMENT & FINANCE**

Enrollment: 200 Students

# **PROGRAMMING & WEB DEVELOPMENT**

Enrollment: 200 Students

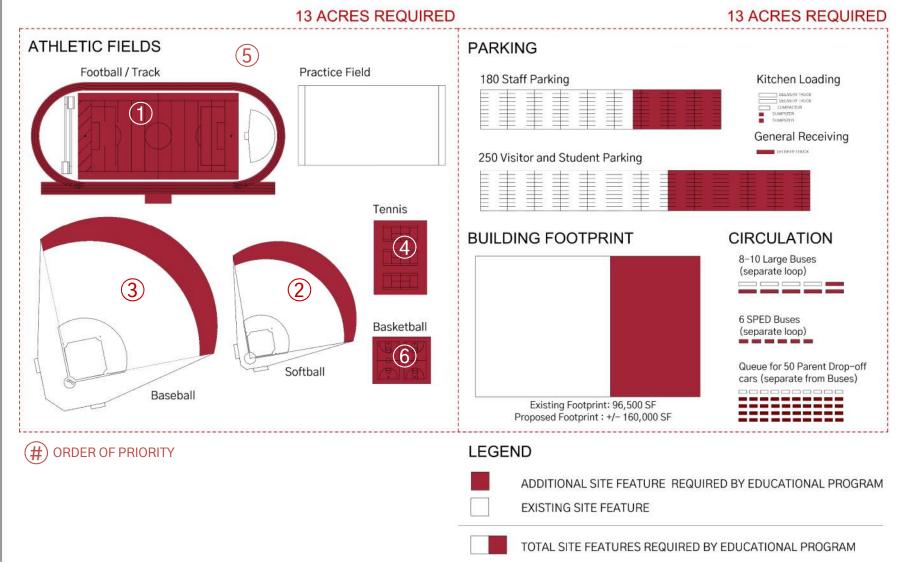
### CENTRAL MASIACHURETTE WORKFORCE INVESTMENT BOARD WORKFORCE INVESTMENT BOARD

**CONSTRUCTION CRAFT LABORER** Enrollment: 150 Students

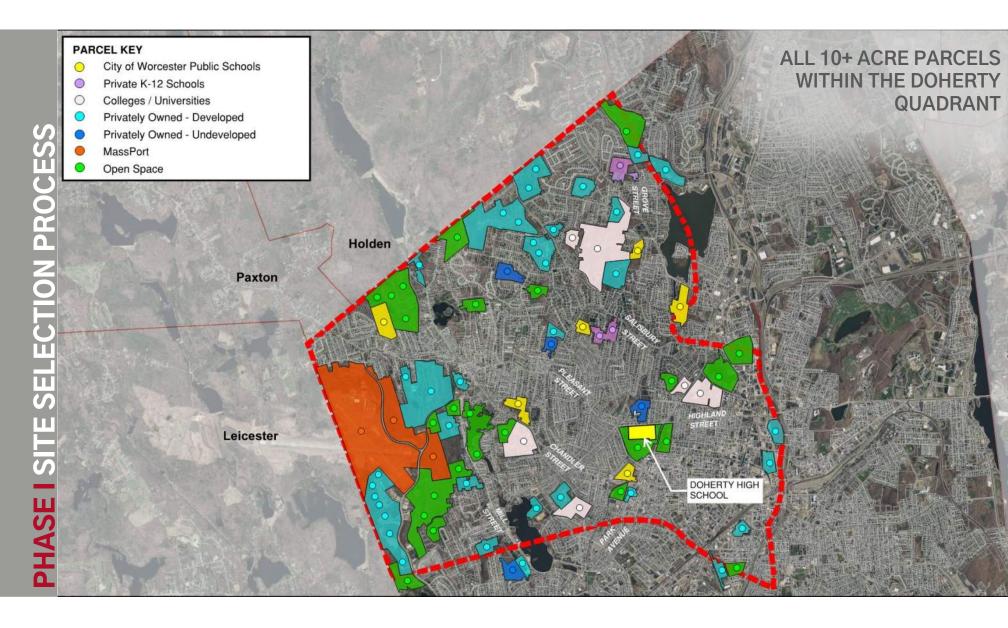
# WORCESTER PUBLIC SCHOOLS

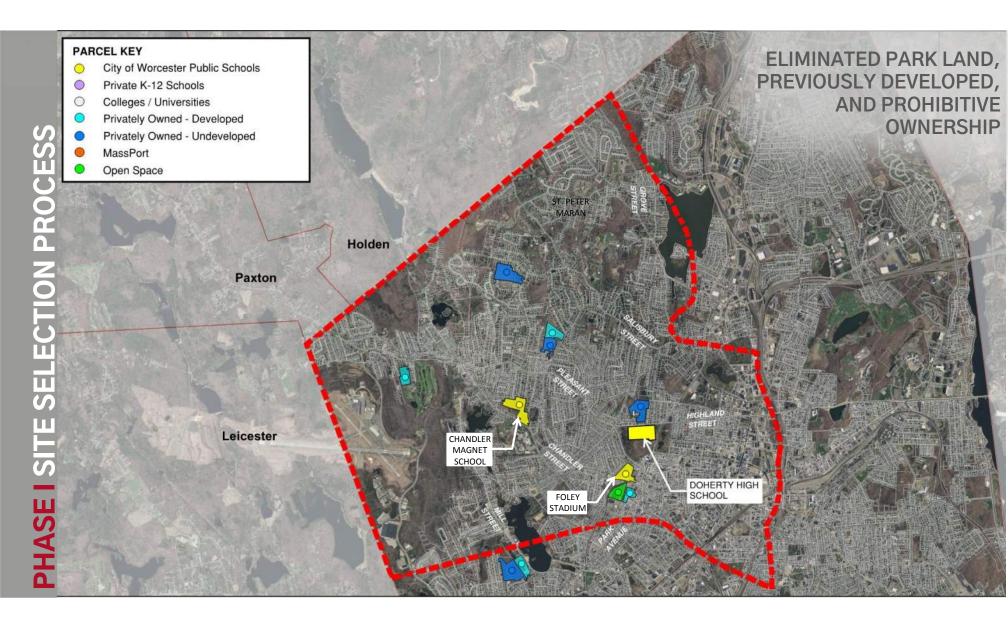
Learning that works for Massachusetts





# **SITE CRITERIA**

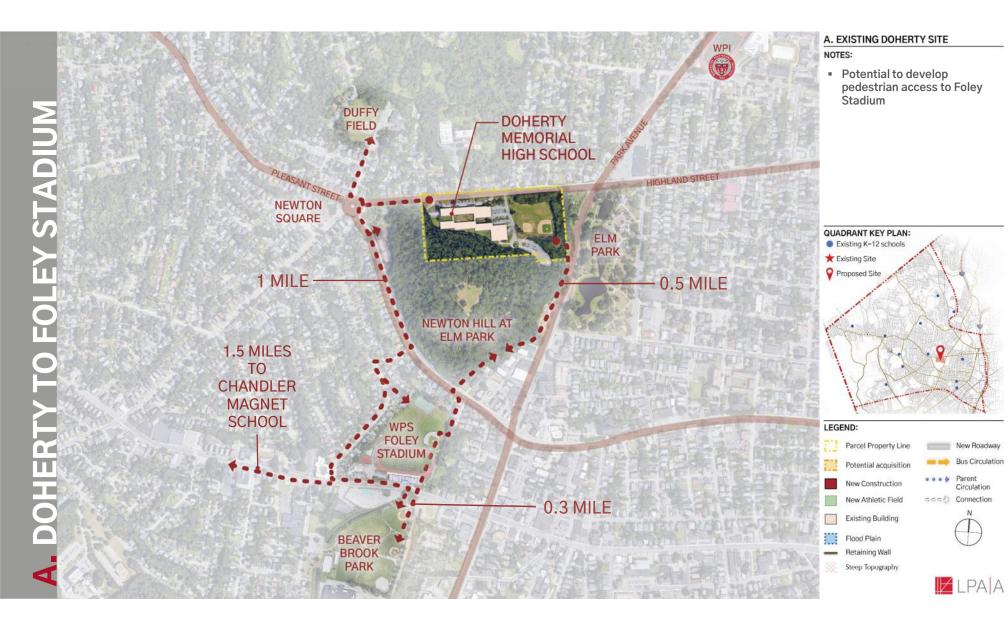






























|                                 | ALTERNATIVE SITE RANKING MATRIX                                                                                |     |           | , DI      | JUM MAGNET   | HE |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|-----|-----------|-----------|--------------|----|
| WEIGHT (1-5)                    | Assumptions:<br>1. Assumed no swing space is available.<br>2. See notes below for unique aspects of each site. | 5   | OHERTY FO | OLEY STAR | DUM FRMASHET | 7  |
| WEI                             | CRITERIA                                                                                                       | A.1 | B.1       | C.1       | C.2          |    |
| 5                               | ABILITY TO MEET BUILDING PROGRAM                                                                               | 5   | 5         | 2         | 5            |    |
| 5                               | ACQUISITION ISSUES, NEGOTIATION & EXPANSION                                                                    | 5   | 2         | 4         | 2            |    |
| 5                               | COMPARATIVE STAFF & STUDENT IMPACT                                                                             | 2   | 1         | 4         | 4            |    |
| 4                               | ABILITY TO MEET SITE ATHLETICS PROGRAM                                                                         | 3   | 1         | 2         | 3            |    |
| 4                               | CENTRAL TO DISTRICT/QUADRANT                                                                                   | 5   | 4         | 4         | 4            |    |
| 3                               | SITE DEVELOPMENT COSTS (Earth moving, soils, retaining walls, parking stuctures)                               | 3   | 2         | 3         | 3            |    |
| 3                               | TRAFFIC IMPACTS & ACCESS                                                                                       | 3   | 3         | 3         | 3            |    |
| 3                               | BUS & PARENT VEHICULAR CIRCULATION & PARKING                                                                   | 2   | 3         | 2         | 3            |    |
| 3                               | CONSTRUCTION SCHEDULE IMPACT                                                                                   | 3   | 4         | 5         | 5            |    |
| 4<br>4<br>3<br>3<br>3<br>3<br>1 | ADJACENT USES & NEIGHBORHOOD IMPACT                                                                            | 4   | 4         | 3         | 3            |    |
| 1                               | UTILITIES & DEVELOPMENT ISSUES                                                                                 | 3   | 1         | 3         | 3            |    |
|                                 | WEIGHTED SCORE                                                                                                 | 132 | 101       | 119       | 131          |    |

### **DOHERTY SITE**

### CODE UPGRADE



### ADDITIONS & RENOVATIONS



### A.1 NEW CONSTRUCTION AT DOHERTY SITE



## **ALTERNATIVE SITES**

# **B.1** NEW CONSTRUCTION AT FOLEY STADIUM SITE



# **C.1** NEW CONSTRUCTION AT THE CHANDLER SCHOOL SITE



# **C.2** NEW CONSTRUCTION AT THE CHANDLER SCHOOL SITE + LAND



### **DOHERTY SITE**

CODE UPGRADE

168,000 FT<sup>2</sup> \$482 - \$494 COST PER SQUARE FOOT \$81 - \$83 MILLION CONSTRUCTION BUDGET \$101- \$104 MILLION

PROJECT BUDGET

ADDITIONS & RENOVATIONS 420,000 FT<sup>2</sup> \$548 - \$552 COST PER SQUARE FOOT \$230 - \$232 MILLION CONSTRUCTION BUDGET \$287- \$290 MILLION PROJECT BUDGET A.1 NEW CONSTRUCTION AT DOHERTY SITE

> **420,000 FT**<sup>2</sup> **\$576 - \$581** COST PER SQUARE FOOT **\$242 - \$244 MILLION** CONSTRUCTION BUDGET

\$302- \$305 MILLION PROJECT BUDGET

# ALTERNATIVE SITES \* LAND ACQUISITION COSTS NOT INCLUDED

**B.1** NEW CONSTRUCTION AT FOLEY STADIUM SITE

420,000 FT<sup>2</sup>

\$571 - \$576 COST PER SQUARE FOOT

**\$240 – \$242 MILLION** CONSTRUCTION BUDGET

\* \$300- \$302 MILLION PROJECT BUDGET C.1 NEW CONSTRUCTION AT THE CHANDLER SCHOOL SITE 420,000 FT<sup>2</sup>

> **\$529 - \$533** COST PER SQUARE FOOT

**\$222 - \$224 MILLION** CONSTRUCTION BUDGET

\$277- \$280 MILLION PROJECT BUDGET C.2 NEW CONSTRUCTION AT THE CHANDLER SCHOOL SITE + LAND

420,000 FT<sup>2</sup>

**\$529 - \$533** COST PER SQUARE FOOT

**\$222 – \$224 MILLION** CONSTRUCTION BUDGET

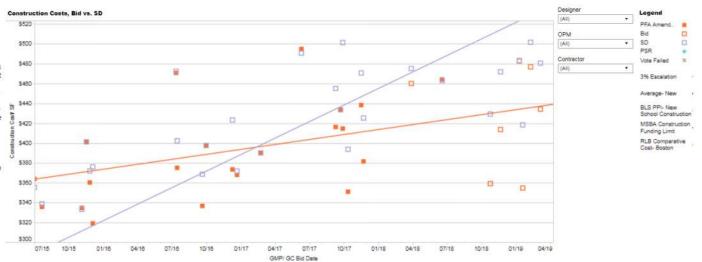
\* \$277- \$280 MILLION PROJECT BUDGET

### Capital Planning Data & Information: School Construction Costs

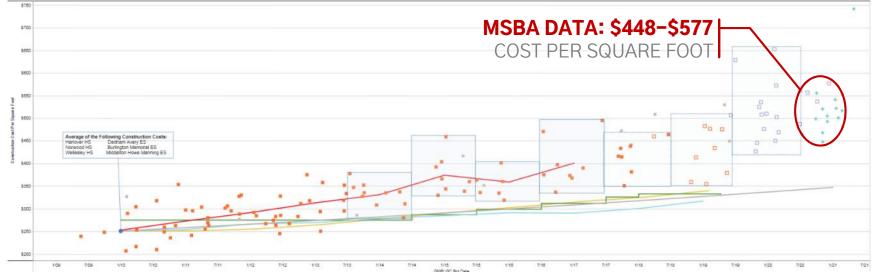
This chart includes construction costs for new construction projects as bid from FY 09 to date, as well as construction cost estimates at preferred schematic and at schematic design for projects recently approved by the Board and expected to bid in the future. Additionally, the chart provides an inset with a closer look comparing the schematic design estimates to the bids received for FY 16 to date. Common economic indicators are included at the bottom of the chart. To filter the data specific to a Contractor, Designer,

and/or OPM, use the filters on the right to uncheck the boxes next to the categories you do not want shown. To uncheck all of the names, uncheck the box next to "All". Please note, for the common economic indicators lines to show, the "Null" box must remain checked. These filters act as "AND" filters when used in combination. [Ex: checking a contractor and a designer will filter to only those projects that had both that contractor and that designer.]

**MSBA** CONSTRUCTION COST DATA







| * LAND ACQUISITION COSTS NOT INCLUDED              | MATRIX | CONSTRUCTION IN | ON<br>ILLIONSI CTCOST<br>INILIONSI PROJECT COST |
|----------------------------------------------------|--------|-----------------|-------------------------------------------------|
| CODE UPGRADE                                       |        | \$81-83         | \$101-104                                       |
| ADDITION RENOVATION                                |        | \$230-232       | \$287-290                                       |
| NEW CONSTRUCTION<br>AT DOHERTY SITE                | 132    | \$242-244       | \$302-305                                       |
| NEW CONSTRUCTION<br>AT FOLEY STADIUM SITE          | 101    | \$240-242       | \$300-302*                                      |
| NEW CONSTRUCTION<br>AT CHANDLER MAGNET SITE        | 119    | \$222-224       | \$277-280                                       |
| NEW CONSTRUCTION<br>AT CHANDLER MAGNET SITE + LAND | 131    | \$222-224       | \$277-280 *                                     |

# **DOHERTY SITE** CODE UPGRADE



# **ALTERNATIVE SITES**

# **B.1** NEW CONSTRUCTION AT FOLEY STADIUM SITE



### ADDITIONS & RENOVATIONS



### A.1 NEW CONSTRUCTION AT DOHERTY SITE

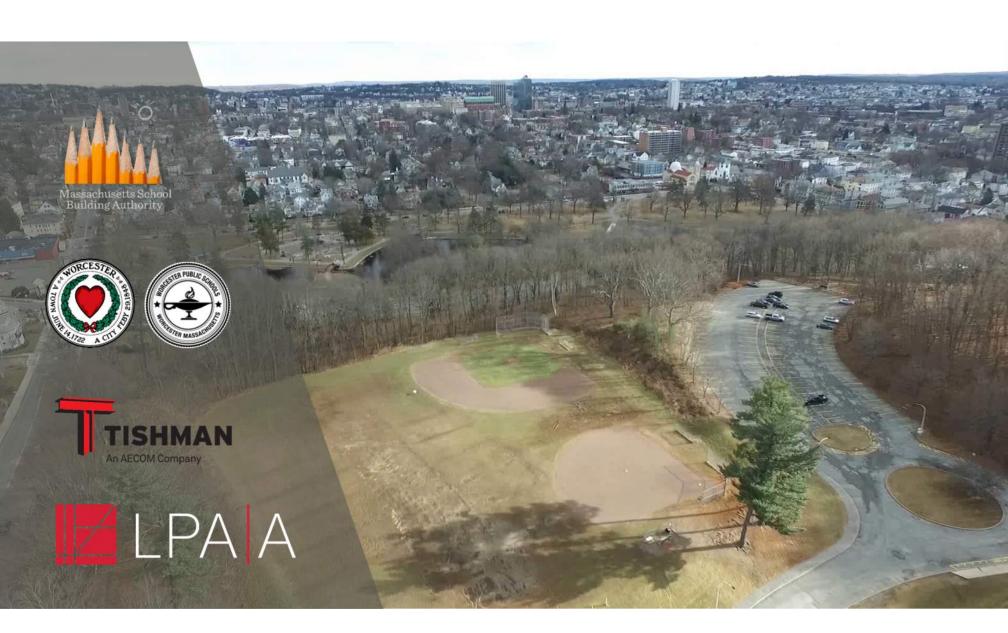


# **C.1** NEW CONSTRUCTION AT THE CHANDLER SCHOOL SITE



### C.2 NEW CONSTRUCTION AT THE CHANDLER SCHOOL SITE + LAND









# Additional Comments/Questions?

# www.lpaa.com/get-in-touch



