



Massachusetts School
Building Authority





Nitsch Engineering
Civil Engineer



Studio 2112
Landscape Architect



Seaman Engineering
Mechanical + Plumbing
Engineer



ART Engineering
Electrical Engineer



Bolton & Dimartino Inc.
Structural Engineer

SENSIBLE SOLUTIONS

Sensible Solutions
Fire Protection Engineer



Colburn & Guyette
Food Service Consultant



Cavanaugh Tocci & Associates
Acoustics and Theater
Consultant



The Green Engineer
Sustainable Design Consultant



Architx Architecture
Specifications Consultant

BLUELINE DESIGN

**Blueline Design / Edvance
Technology**
FF&E / Technology Consultant



RW Sullivan
Code Consultant



**Lahlaf Geotechnical
Consulting Inc.**
Geotechnical Consultant



**Universal Environmental
Consultants**
Hazardous Materials Consultant

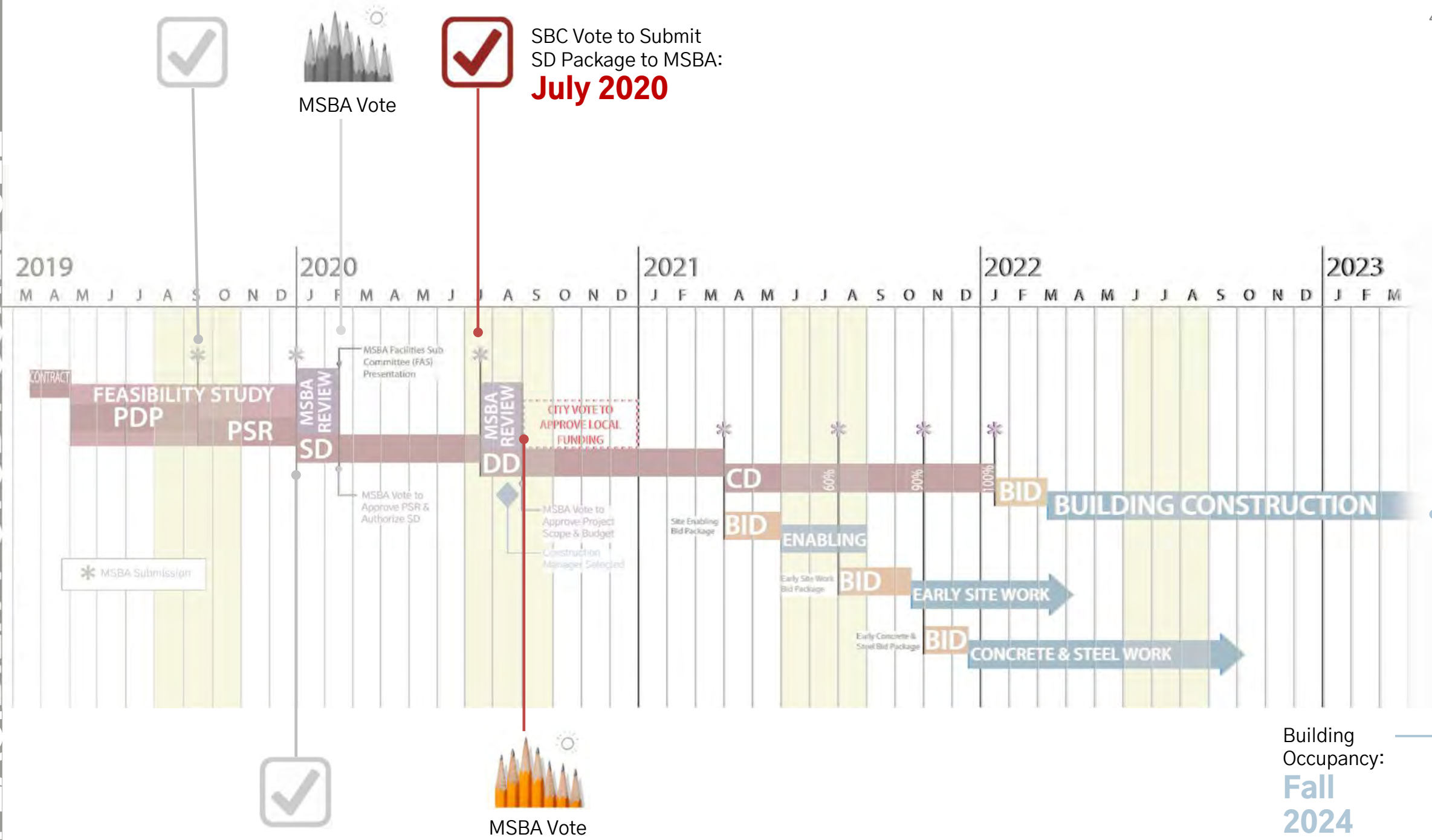


Davey Resource Group
Arborist Consultant

DEVELOP THE PSR PREFERRED SOLUTION

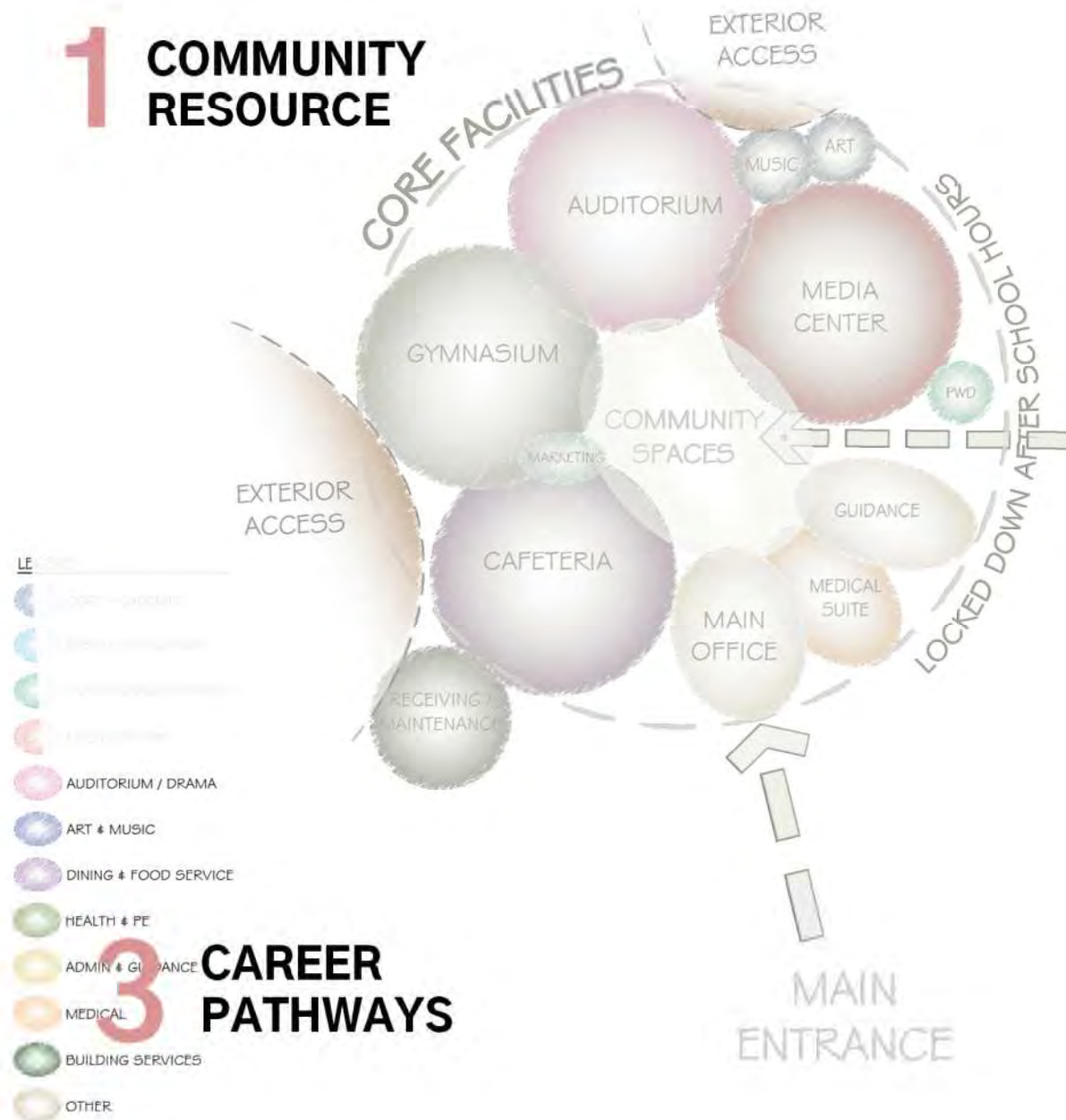
- **ADVANCE PROJECT GOALS AND VISION**
 - 50 YEAR FACILITY DESIGN
 - REFINE PROGRAM & SPACE REQUIREMENTS
 - SITE DESIGN APPROPRIATE TO CONTEXT
 - SPECIAL EDUCATION DESE FILING
 - TARGET SUSTAINABLE DESIGN STRATEGIES
- **ESTABLISH THE PROJECT BUDGET**
 - SCHOOL BUILDING COMMITTEE / CITY COUNCIL VOTE
 - PROJECT FUNDING AGREEMENT
- **OPTIMIZE PROJECT SCHEDULE**
 - CM @ RISK APPROVAL

FEASIBILITY STUDY SCHEDULE



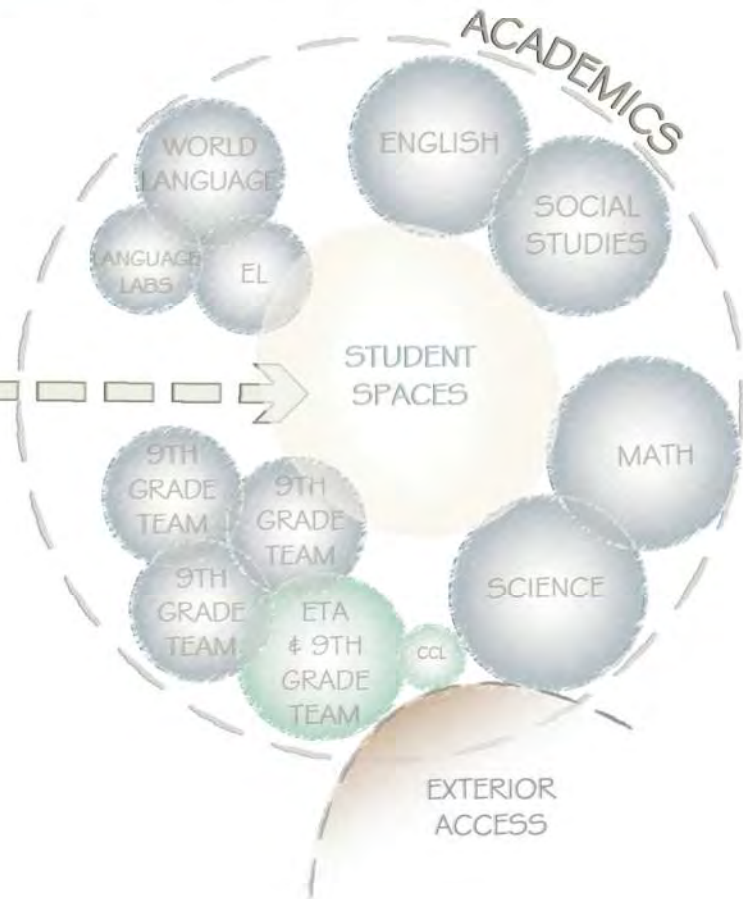


1 COMMUNITY RESOURCE



3 CAREER PATHWAYS

2 CLUSTERS OF LEARNING



4 EXTERIOR CONNECTIONS

421,850 Gross Square Feet Required by Proposed Educational Program

DOHERTY SITE: EXISTING



ELM
PARK

NEWTON
HILL

PARK AVENUE

EAST-WEST TRAIL

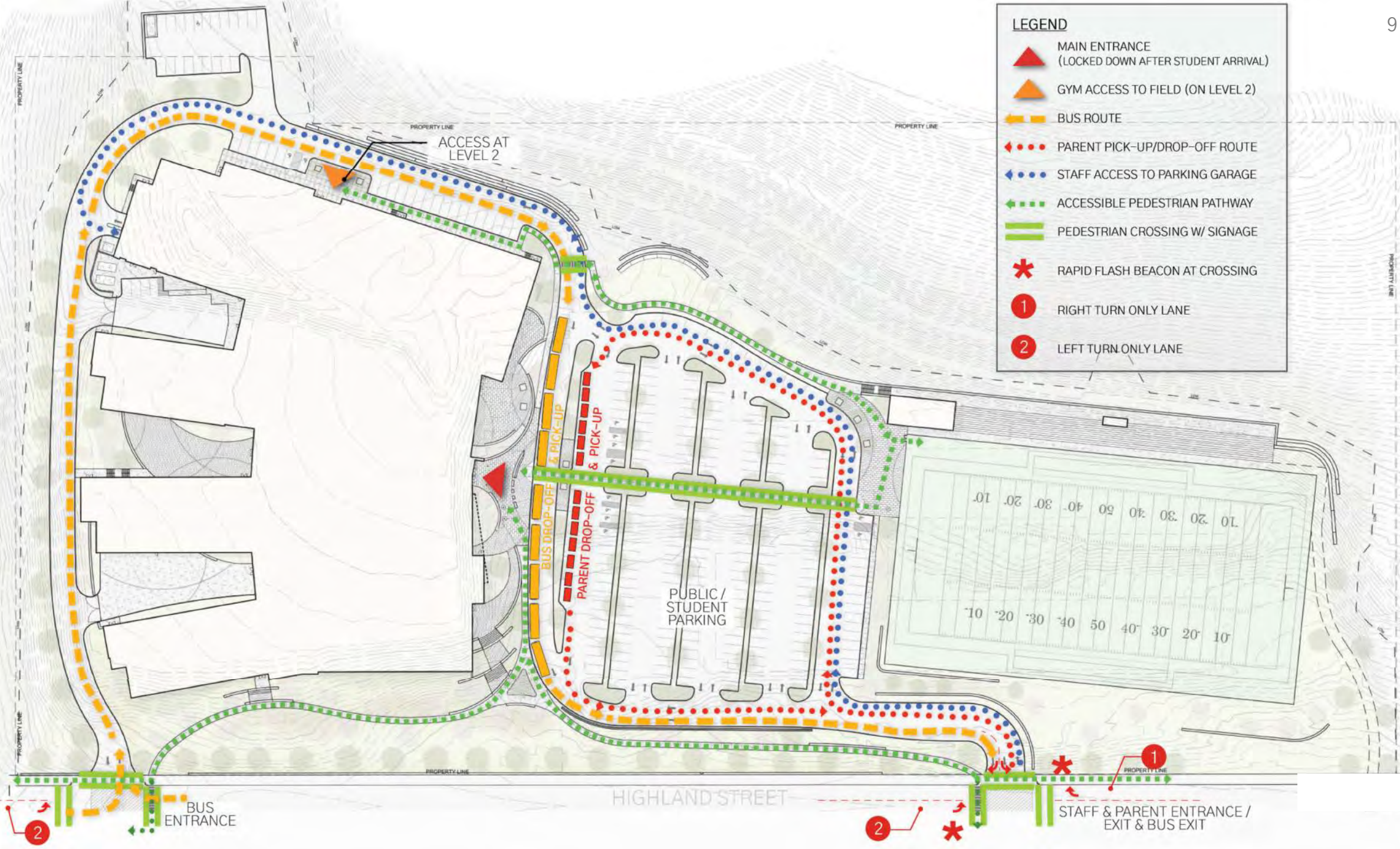
EXISTING
BASEBALL

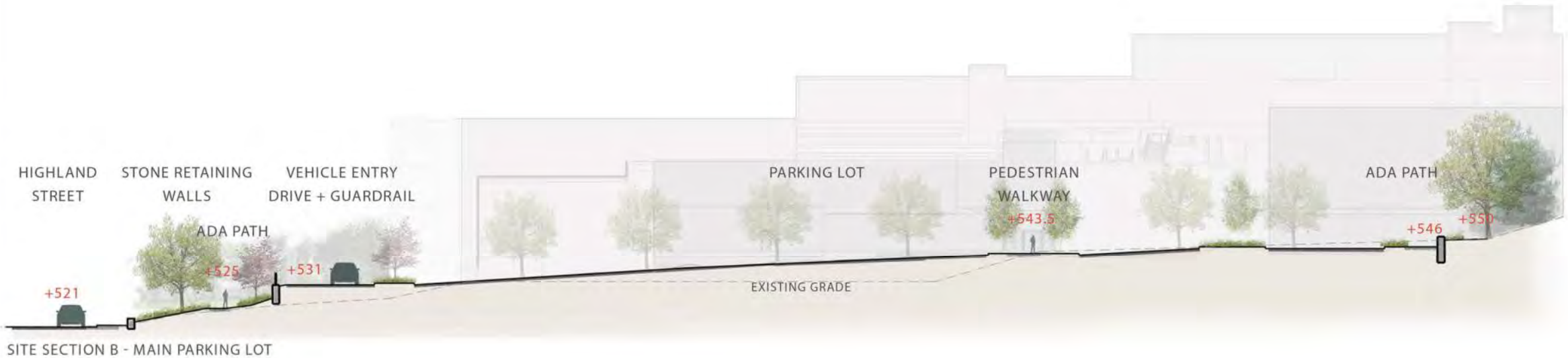
EXISTING
SOFTBALL

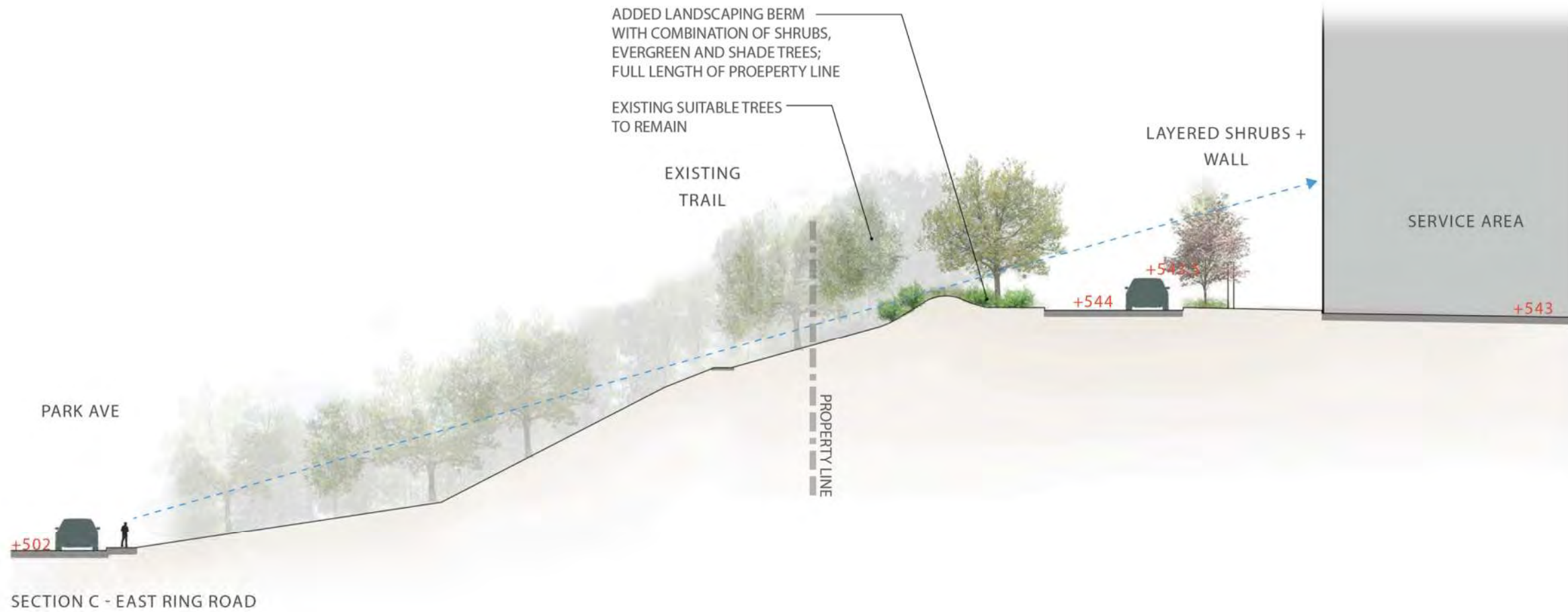
HIGHLAND STREET



SITE PLAN: CIRCULATION







PHASE 1 – EXISTING SITE ENABLING WORK

SCOPE:

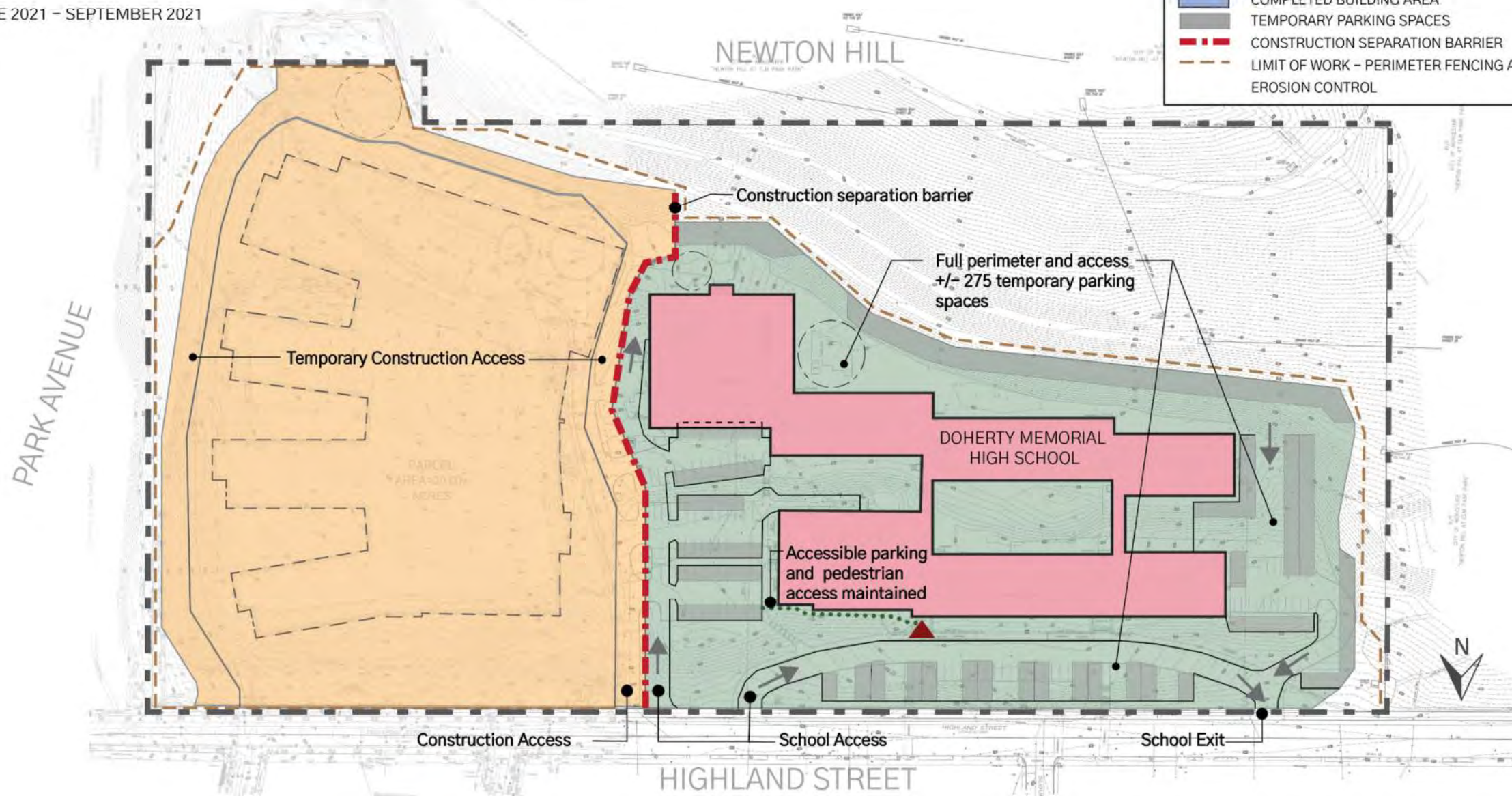
- Install perimeter fencing and erosion control
- Install construction separation barrier between existing school and construction site
- Install temporary parking, access road, and signage around existing school

JUNE 2021 – SEPTEMBER 2021

NEW CONSTRUCTION – SITE PHASING PLANS








LEGEND

- | | |
|---|---|
|  | CM WORK AREA |
|  | OWNER OCCUPIED AREA |
|  | EXISTING BUILDING AREA |
|  | COMPLETED BUILDING AREA |
|  | TEMPORARY PARKING SPACES |
|  | CONSTRUCTION SEPARATION BARRIER |
|  | LIMIT OF WORK – PERIMETER FENCING AND EROSION CONTROL |



NEW CONSTRUCTION – SITE PHASING PLANS

LEGEND

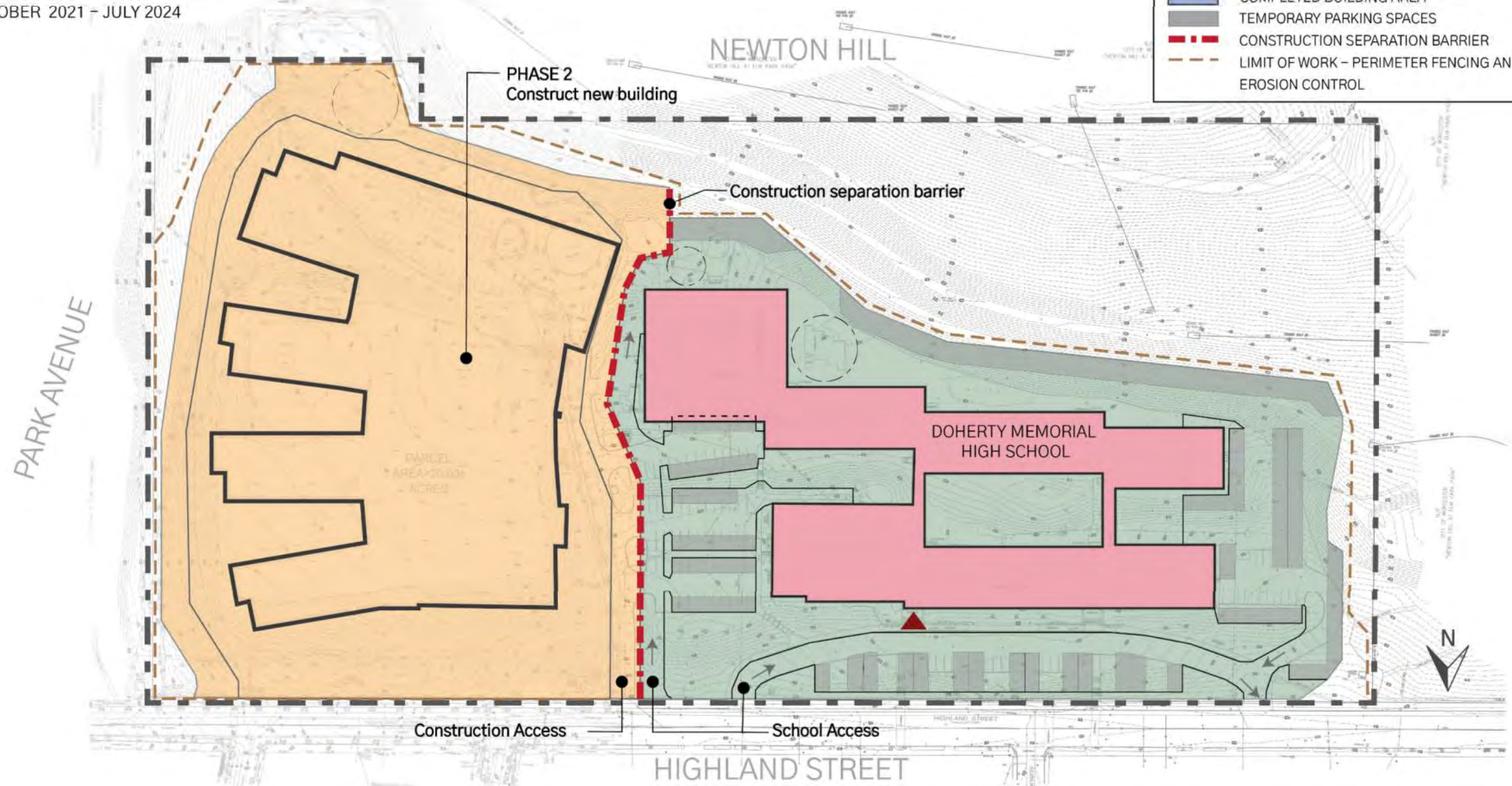
	CM WORK AREA
	OWNER OCCUPIED AREA
	EXISTING BUILDING AREA
	COMPLETED BUILDING AREA
	TEMPORARY PARKING SPACES
	CONSTRUCTION SEPARATION BARRIER
	LIMIT OF WORK – PERIMETER FENCING AND EROSION CONTROL

PHASE 2 – BUILDING CONSTRUCTION

SCOPE:

- Maintain separation of existing school and construction site
- Construct new school building
- Prepare for moving to the new school and demolition of the existing school

OCTOBER 2021 – JULY 2024



PHASE 3 – EXISTING BUILDING DEMOLITION & SITE CONSTRUCTION

SCOPE:

- Maintain separation of new school and construction site
- Phase 3A: Abate and demolish the existing gymnasium and academic building
- Construct parking and access for use by student school year 2024
- Phase 3B: Abate and demolish the existing auditorium

JULY 2024 – NOVEMBER 2024

NEW CONSTRUCTION – SITE PHASING PLANS

LEGEND

	CM WORK AREA
	OWNER OCCUPIED AREA
	EXISTING BUILDING AREA
	COMPLETED BUILDING AREA
	TEMPORARY PARKING SPACES
	CONSTRUCTION SEPARATION BARRIER
	LIMIT OF WORK – PERIMETER FENCING AND EROSION CONTROL



PHASE 4 – SITE CONSTRUCTION

SCOPE:

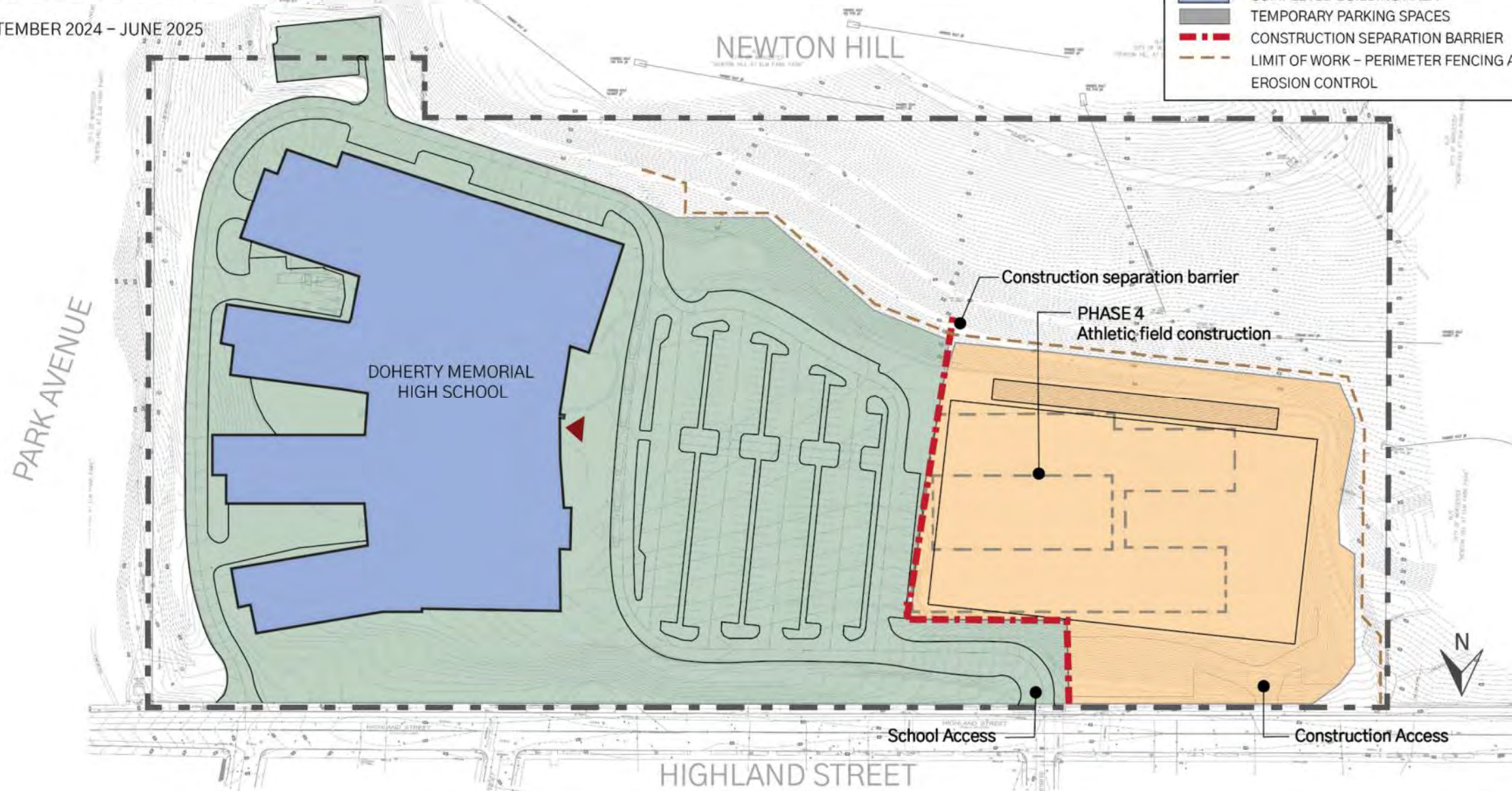
- Phase 4: Abate and demolish the remainder of the existing school
- Construct sports field, bleachers, and support building
- Complete all landscape work
- Site Completion, Summer 2025

SEPTEMBER 2024 – JUNE 2025

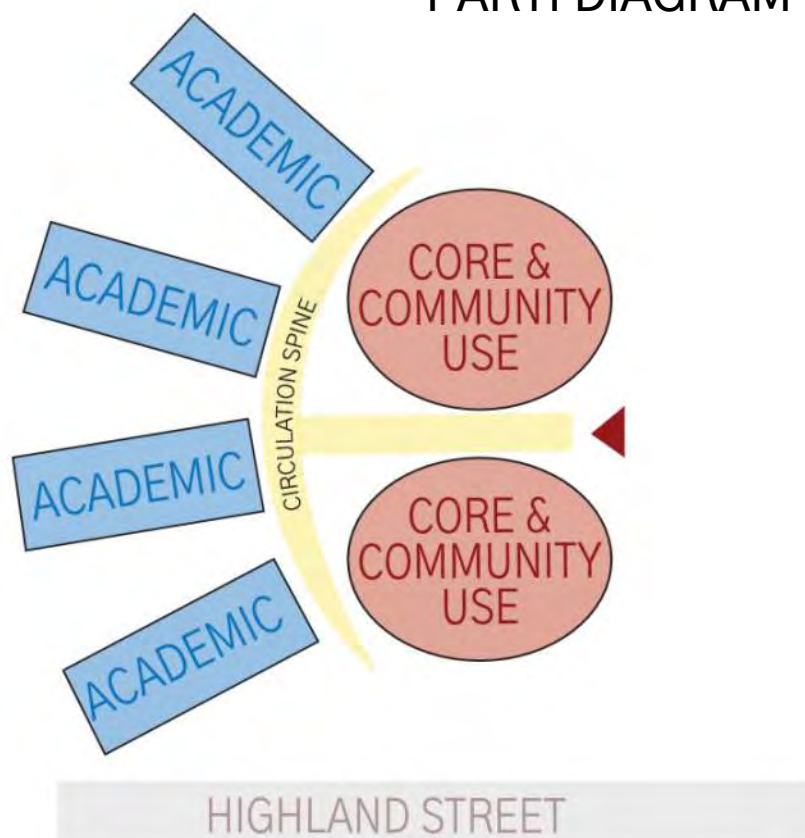
NEW CONSTRUCTION – SITE PHASING PLANS

LEGEND

	CM WORK AREA
	OWNER OCCUPIED AREA
	EXISTING BUILDING AREA
	COMPLETED BUILDING AREA
	TEMPORARY PARKING SPACES
	CONSTRUCTION SEPARATION BARRIER
	LIMIT OF WORK – PERIMETER FENCING AND EROSION CONTROL



PARTI DIAGRAM

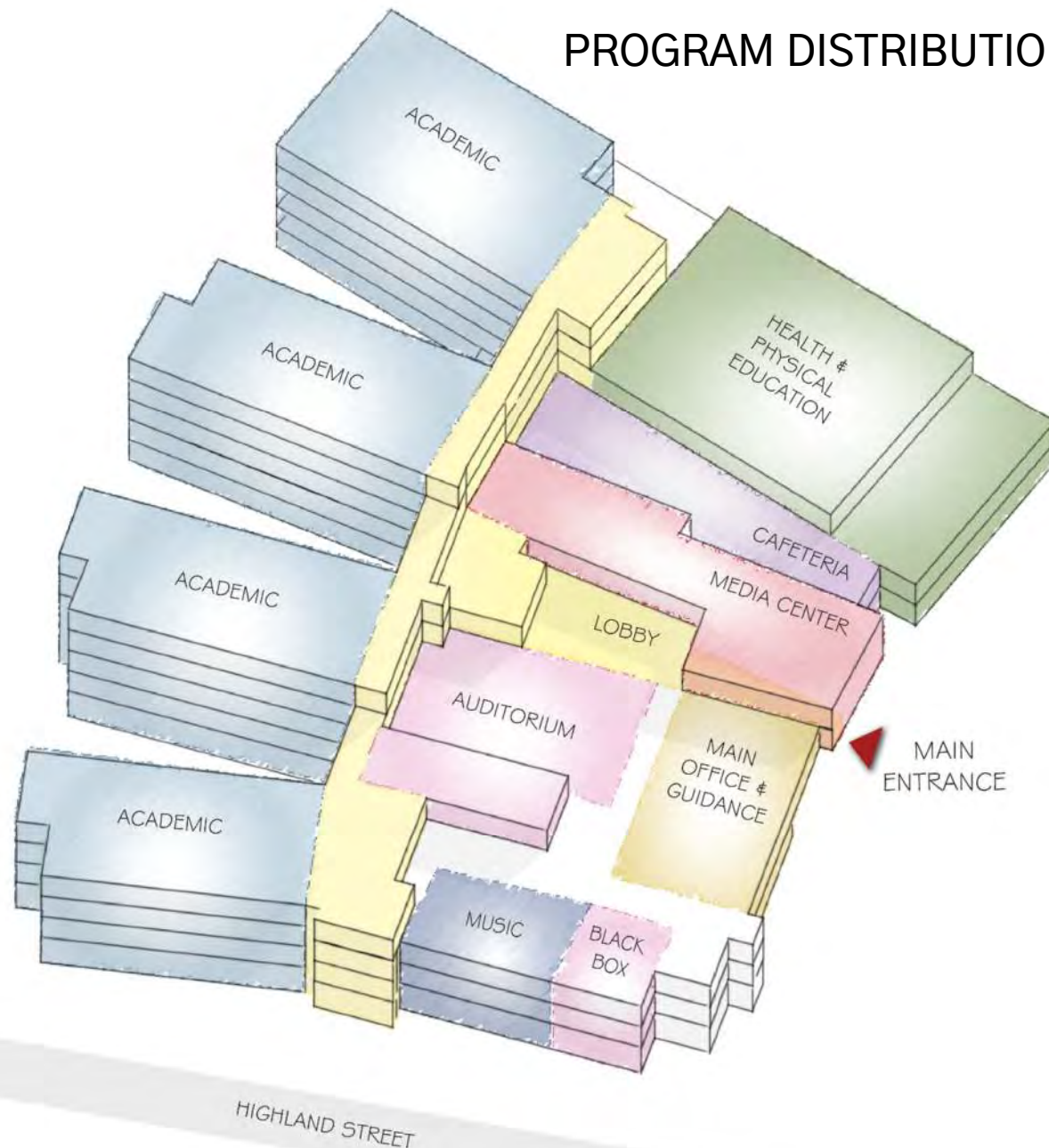


LEGEND

	CORE ACADEMIC		DINING & FOOD SERVICE
	MEDIA CENTER		HEALTH & PE
	AUDITORIUM / DRAMA		ADMIN & GUIDANCE
	ART & MUSIC		CIRCULATION

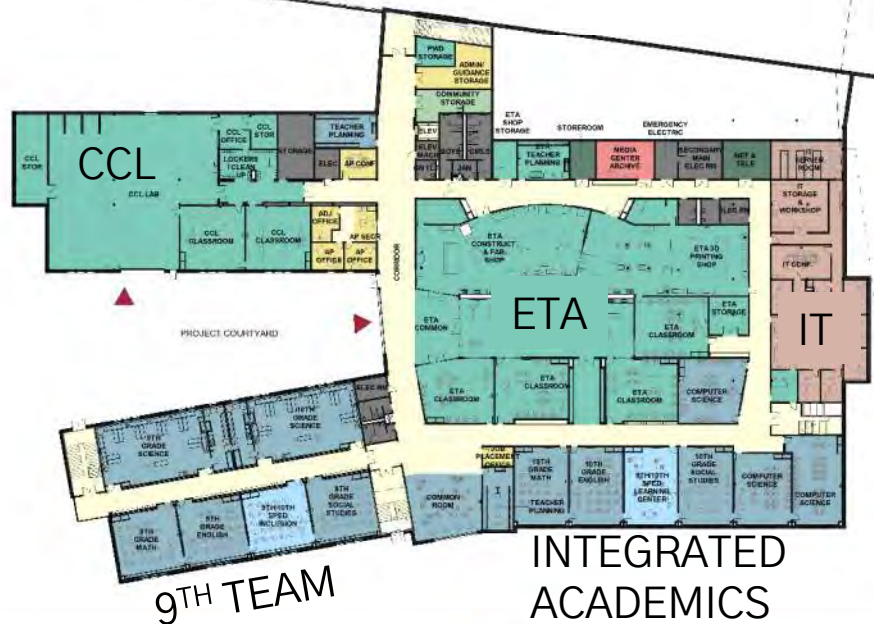
PROGRAM DISTRIBUTION

16

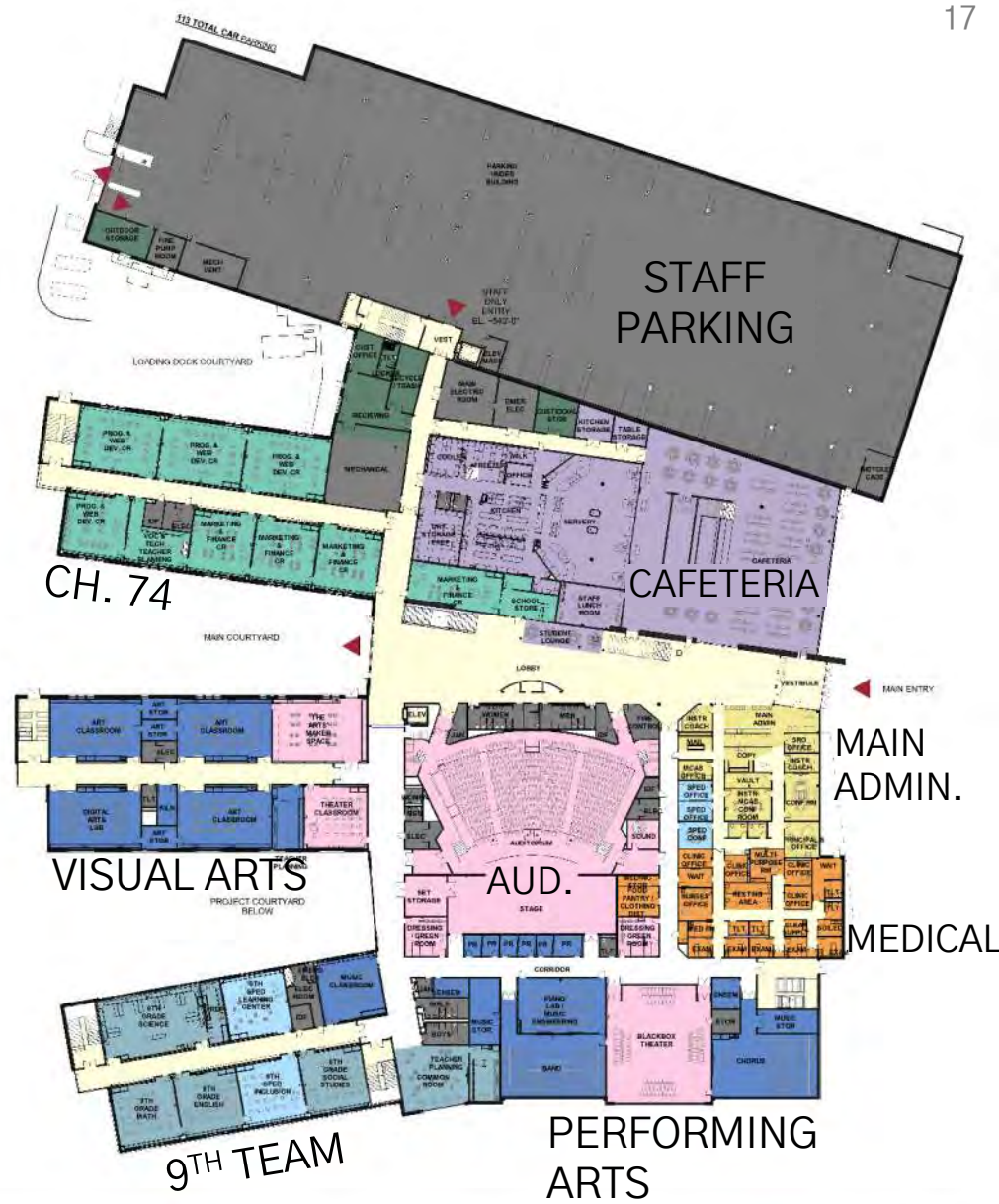


G

UNEXCAVATED

















M

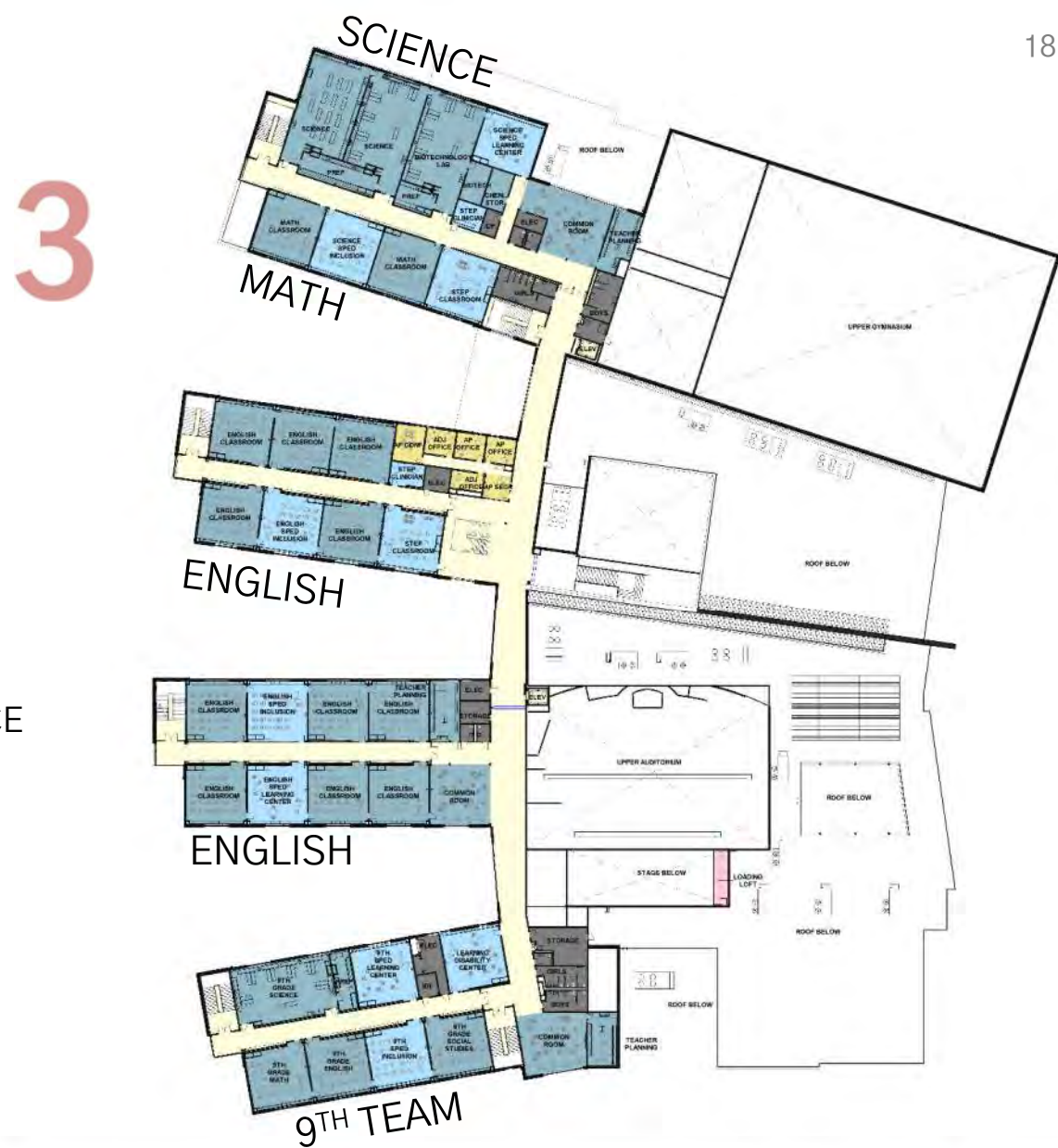


LEGEND

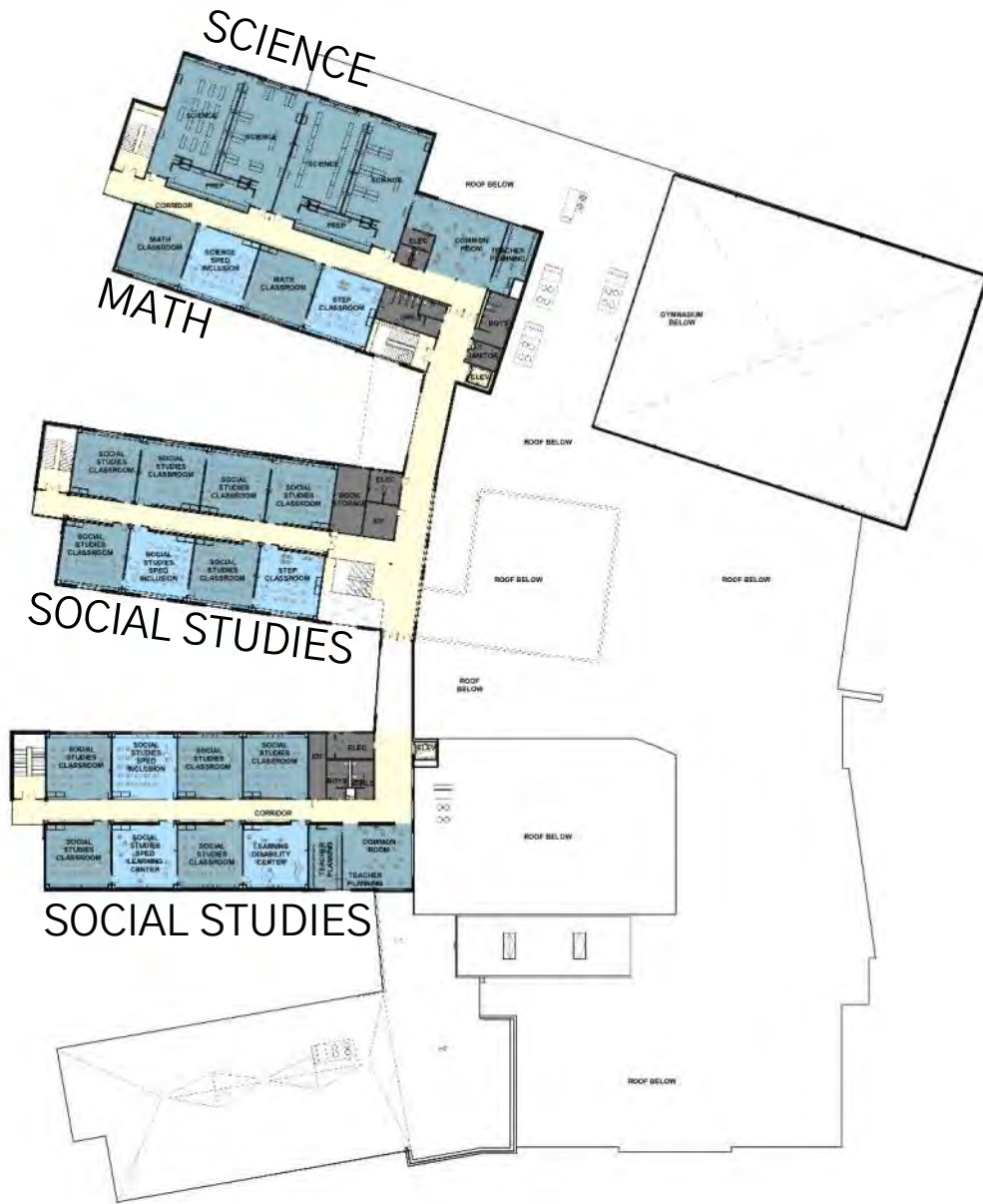
Academic / Education	Special Education	Art & Music	Vocational / Technical	Health & PE	Media Center	Auditorium / Drama	Exterior Access EL. ~000'-0"
Dining & Food Service	Medical	Admin. & Guidance	Custodial & Maintenance	Other	Circulation	Non-Programmed Spaces	



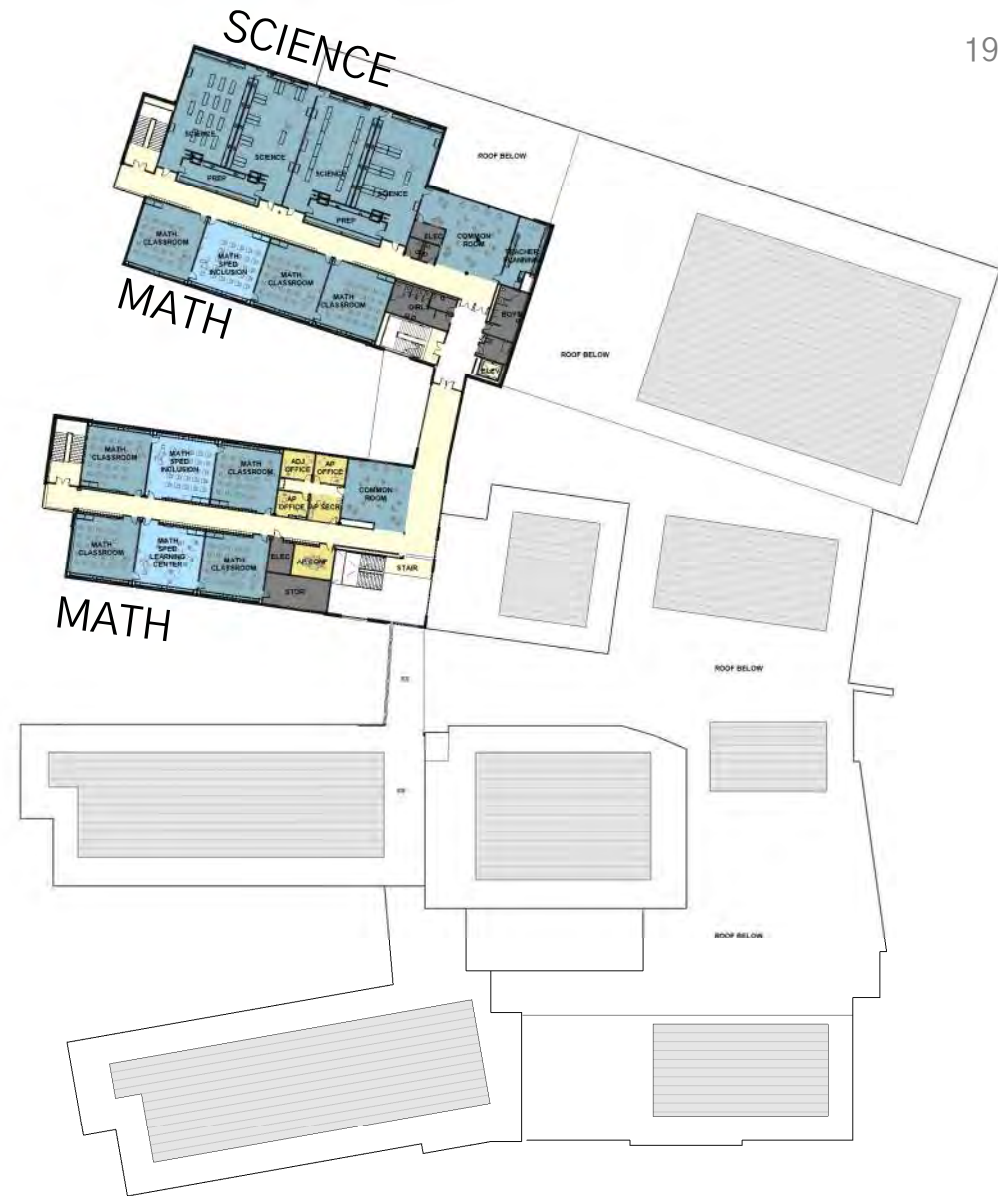
 Academic / Education	 Special Education	 Art & Music	 Vocational / Technical	 Health & PE	 Media Center	 Auditorium / Drama
 Dining & Food Service	 Medical	 Admin. & Guidance	 Custodial & Maintenance	 Other	 Circulation	 Non-Programmed Spaces



















4



5



LEGEND

 Academic / Education	 Special Education	 Art & Music	 Vocational / Technical	 Health & PE	 Media Center	 Auditorium / Drama	 Exterior Access
 Dining & Food Service	 Medical	 Admin. & Guidance	 Custodial & Maintenance	 Other	 Circulation	 Non-Programmed Spaces	 Exterior Access

EL. ~000'-0"

NORTH-SOUTH SECTION



HIGHLAND STREET 520'

GROUND LEVEL

9TH TEAM

MUSIC

ETA LAB

AUDITORIUM

ETA LAB

TP

LOBBY

MEDIA

CAFETERIA

PARKING

GYMNASIUM

SCIENCE

MATH

SOCIAL STUDIES

MATH

NEW ROOF

EXISTING GYM ROOF

LEVEL 2

PROPERTY LINE

PARK AVE. BEYOND

NEWTON HILL SUMMIT 675'
(BEYOND)

NEW ROOF 622'

EXISTING GYM ROOF 590'

PARK AVE. BEYOND 502'

LEED V.4 Building Design & Construction: SCHOOLS



LEED is administered by the US Green Building Council.
For information on the scheme go to www.usgbc.com

The Ratings



- Optimize Energy Performance
- Indoor Water Use Reduction
- Renewable Energy Production
- Heat Island Reduction
- Low Emitting & Sustainable Materials
- Improved Indoor Air Quality
- Enhanced Building and Envelope Commissioning









NEWTON HILL TRAIL: SUMMER

2





PARK & HIGHLAND: SUMMER

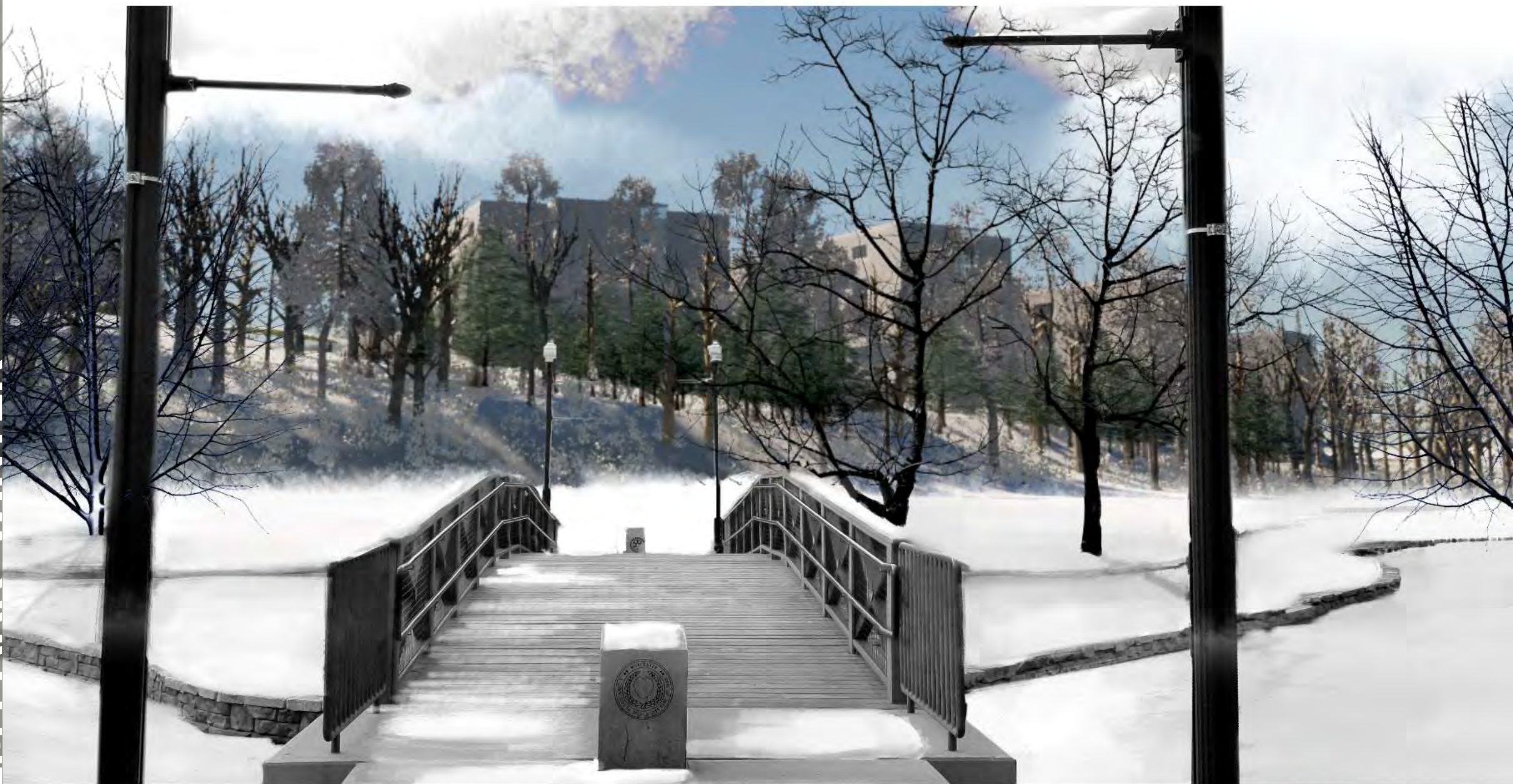




ELM PARK: SUMMER



ELM PARK: WINTER



ELM PARK: SUMMER



ELM PARK: WINTER



ELM PARK: SUMMER





Massachusetts School
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SCHOOL BUILDING COMMITTEE

QUESTIONS / COMMENTS



Massachusetts School
Building Authority



PUBLIC QUESTIONS / COMMENTS



NEXT SCHOOL BUILDING COMMITTEE MEETING:

JUNE 29, 2020 AT 6:30 PM

AGENDA:

- PROJECT UPDATE
- REVIEW OF COST ESTIMATE DATA
- SBC/PUBLIC QUESTIONS & COMMENTS
- SBC VOTE TO SUBMIT SD TO MSBA



Massachusetts School
Building Authority



Additional Comments/Questions?

www.lpaa.com/get-in-touch



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