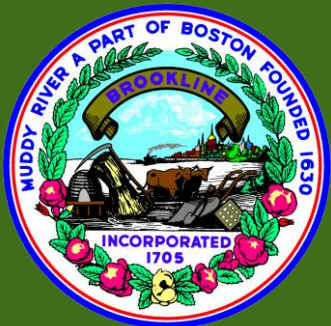


Parks & Open Space Capital Projects Schools

May 8, 2024



DEPARTMENT OF PUBLIC WORKS

PARKS & OPEN SPACE DIVISION

DPW**orks**
DEPARTMENT OF PUBLIC WORKS
BROOKLINE, MA

CAPITAL PLANNING

Safety, Accessibility and Assessment of Site

- 3rd Party CPSI Assessment of Play Equipment
- Town employee visit sites to assess all site features
- List developed for maintenance and cost estimates

Maintenance

- Annual corrective actions to maximize asset based on assessments by CPSI and employee site visits

Preliminary Cost Estimates

- Developed from site visits, CPSI reports, and user input
- Estimates revised every year based on current bidding prices

Capital Improvement Plan Development

- Parks evaluated on current condition of all site assets
- Date of last renovation
- Longevity of site features



CAPITAL PLANNING COST ESTIMATES

Site Prep, Demolition and Earthwork

- Construction fencing, erosion controls, and tree protection
- Removal of existing site features
- Preparation of site for proposed design

Walls, Fencing and Railings

- Fences, gates, retaining/seating walls and railings

Site Furniture

- Benches, picnic tables, trash/recycling receptacles and other site furnishings

Paving and Surfacing

- Pathways into and throughout the park
- Curbing and edging



CAPITAL PLANNING COST ESTIMATES

Site Utilities

- Site drainage including all piping and drainage structures
- Water and storm utility lines
- Splash Pad

Play Equipment and Sports Field

- Play Equipment
- Safety Surfacing
- Precast Curbing for Surfacing
- Field renovations including backstop and furnishings

Pruning and Planting

- Pruning of existing trees and shrubs and/or removals
- New trees and plantings
- Loam and seed



SCHOOL GROUNDS CAPITAL PROJECTS



School Playgrounds In Need of Renovation

- New Lincoln – 1992
- Hayes School – 1995
- Baker School – 1996
- Lawrence School/Longwood – 2004

Recently Renovated or in Process

- Ridley School - 2016
- Driscoll School (under construction)

	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Future Years
		Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount
Schools									
Baker School Playground	\$6,600,000.00						\$6,600,000.00		
Heath School Grounds	\$4,200,000.00						\$4,200,000.00		
Longwood Playground/ Lawrence School Grounds	\$5,900,000.00								\$5,900,000.00
New Lincoln School Grounds	\$5,100,000.00							\$5,100,000.00	





HAYES SCHOOL

BUDGET: FY 2029- \$4,200,000

Project Includes

- Natural grass field renovations
- New playground equipment for all ages
- Resilient Playground Safety Surfacing
- Renovated Basketball Court
- Accessible pathway throughout the grounds
- Repaving of parking and drop-off areas



HAYES SCHOOL

BUDGET: FY 2029- \$4,200,000



HAYES SCHOOL

BUDGET: FY 2029- \$4,200,000

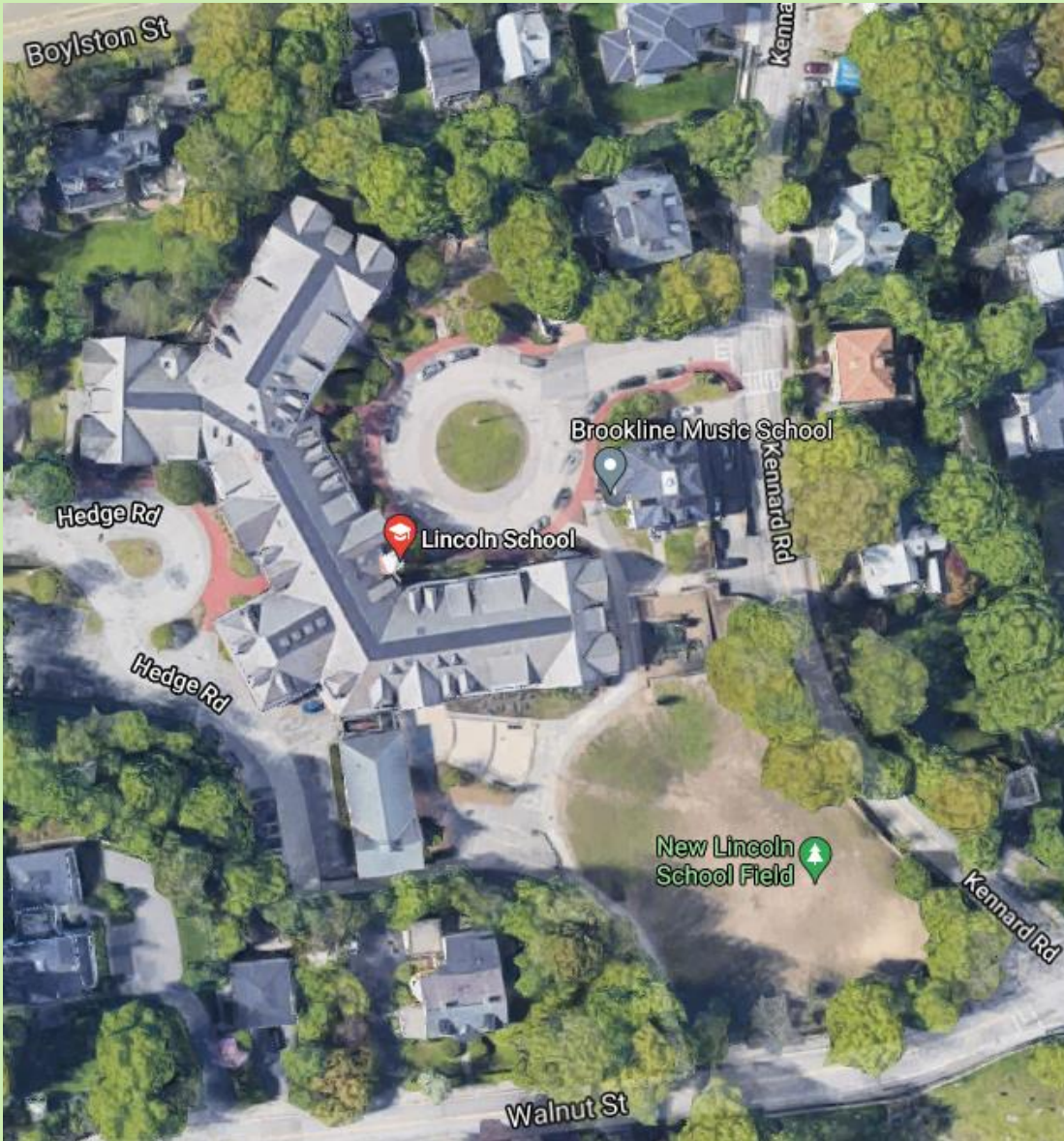


NEW LINCOLN SCHOOL

BUDGET: FY 2030- \$5,100,000

Project Includes

- Natural grass field renovations
- New playground equipment for all ages
- Expanded playground for ages 2-5 years
- Resilient Playground Safety Surfacing
- Renovated Basketball Court
- Accessible pathway throughout the grounds



NEW LINCOLN SCHOOL

BUDGET: FY 2030- \$5,100,000



NEW LINCOLN SCHOOL

BUDGET: FY 2030- \$5,100,000



NEW LINCOLN SCHOOL

BUDGET: FY 2030- \$5,100,000

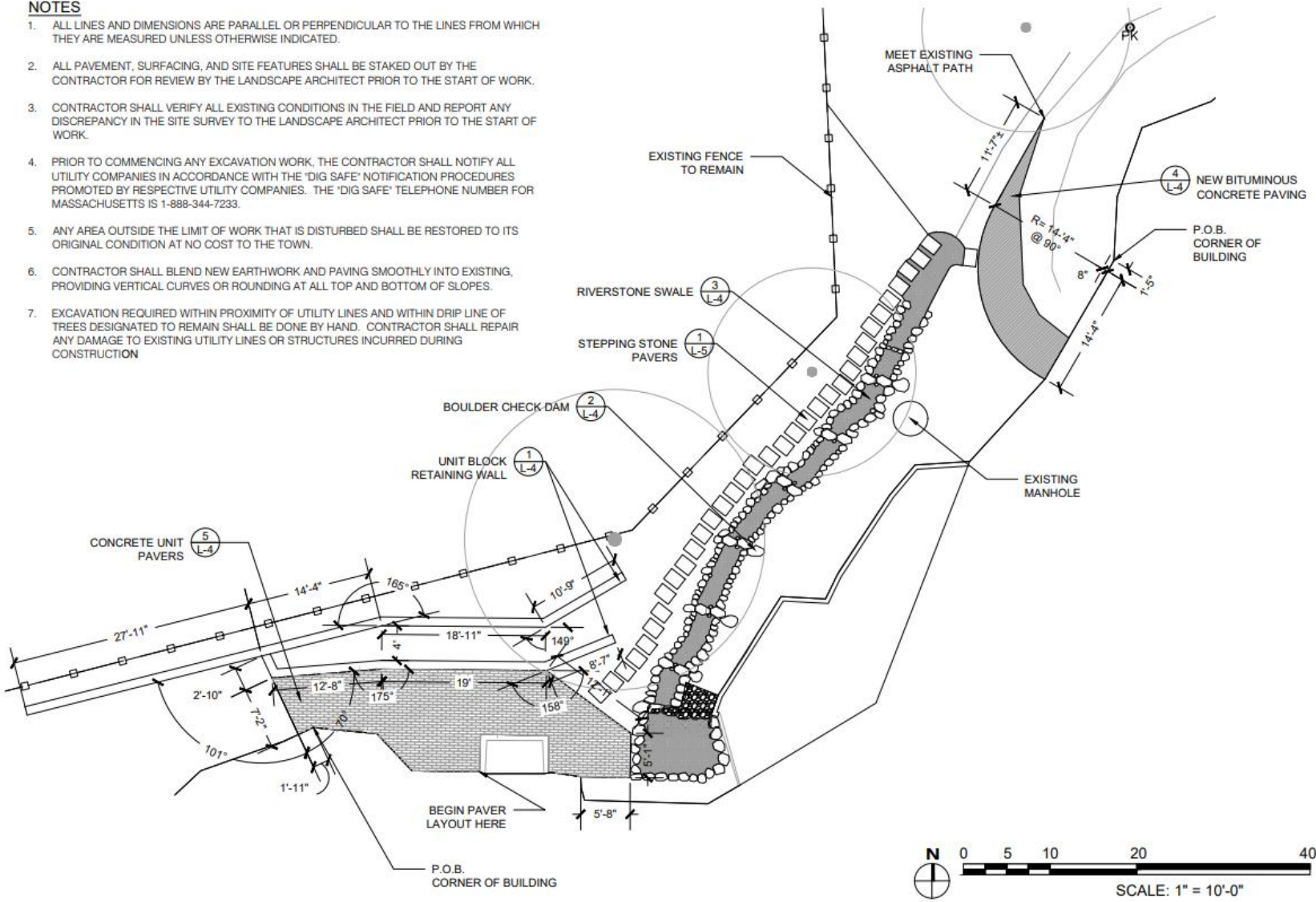


NEW LINCOLN SCHOOL

BUDGET: FY 2030- \$5,100,000

NOTES

1. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
2. ALL PAVEMENT, SURFACING, AND SITE FEATURES SHALL BE STAKED OUT BY THE CONTRACTOR FOR REVIEW BY THE LANDSCAPE ARCHITECT PRIOR TO THE START OF WORK.
3. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCY IN THE SITE SURVEY TO THE LANDSCAPE ARCHITECT PRIOR TO THE START OF WORK.
4. PRIOR TO COMMENCING ANY EXCAVATION WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE 'DIG SAFE' NOTIFICATION PROCEDURES PROMOTED BY RESPECTIVE UTILITY COMPANIES. THE 'DIG SAFE' TELEPHONE NUMBER FOR MASSACHUSETTS IS 1-888-344-7233.
5. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE TOWN.
6. CONTRACTOR SHALL BLEND NEW EARTHWORK AND PAVING SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDING AT ALL TOP AND BOTTOM OF SLOPES.
7. EXCAVATION REQUIRED WITHIN PROXIMITY OF UTILITY LINES AND WITHIN DRIP LINE OF TREES DESIGNATED TO REMAIN SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION



LINCOLN SCHOOL LANDSCAPE RENOVATIONS

Brookline, MA
Materials & Layout Plan

L-1

DATE: 3/22/24
SCALE: 1" = 10'-0"
DWN BY: AJK
CHK BY: JW
PROJ. #

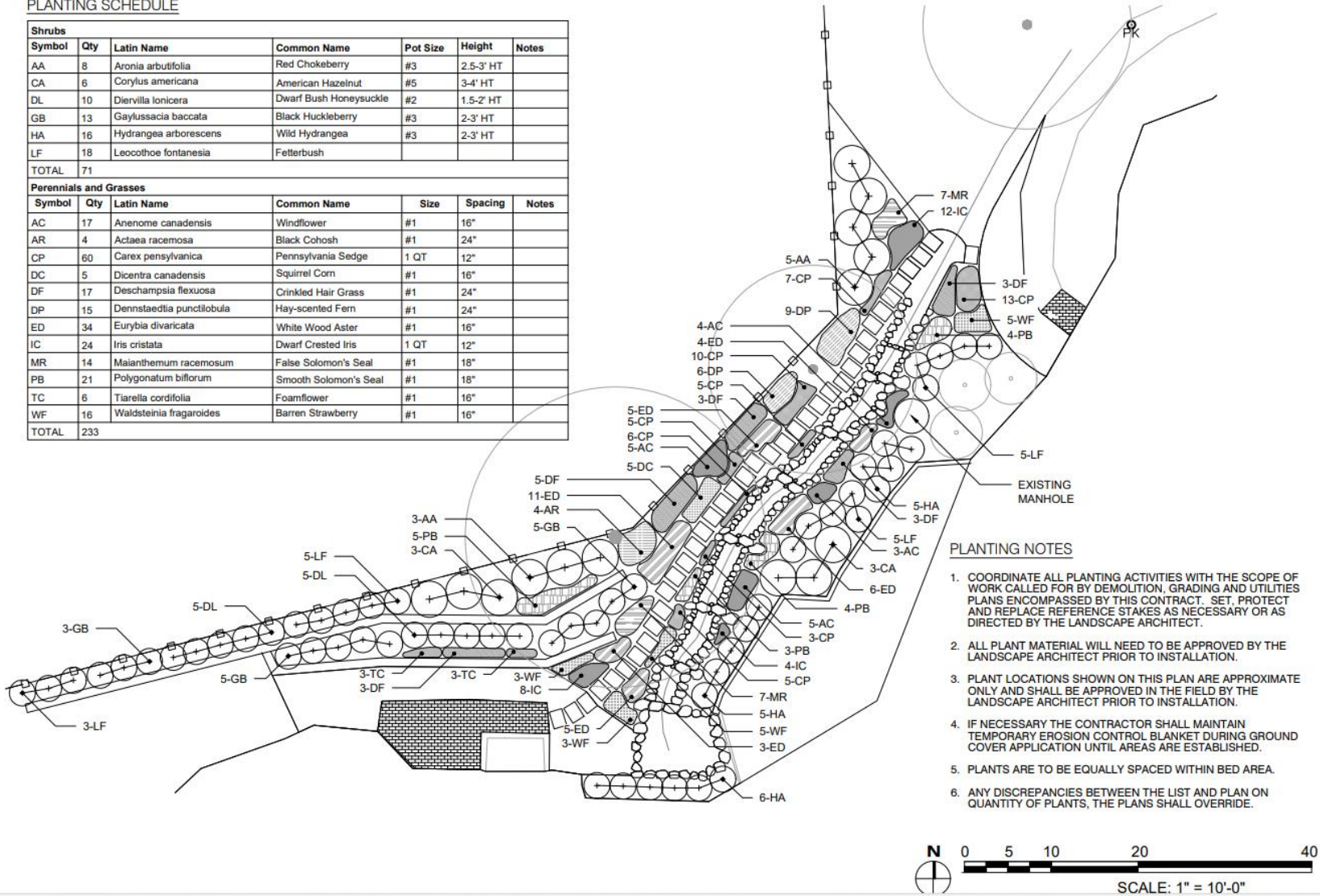


NEW LINCOLN SCHOOL

BUDGET: FY 2030- \$5,100,000

PLANTING SCHEDULE

Shrubs						
Symbol	Qty	Latin Name	Common Name	Pot Size	Height	Notes
AA	8	Aronia arbutifolia	Red Chokeberry	#3	2.5-3' HT	
CA	6	Corylus americana	American Hazelnut	#5	3-4' HT	
DL	10	Diervilla lonicera	Dwarf Bush Honeysuckle	#2	1.5-2' HT	
GB	13	Gaylussacia baccata	Black Huckleberry	#3	2-3' HT	
HA	16	Hydrangea arborescens	Wild Hydrangea	#3	2-3' HT	
LF	18	Leucothoe fontanesia	Fetterbush			
TOTAL 71						
Perennials and Grasses						
Symbol	Qty	Latin Name	Common Name	Size	Spacing	Notes
AC	17	Anemone canadensis	Windflower	#1	16"	
AR	4	Actaea racemosa	Black Cohosh	#1	24"	
CP	60	Carex pensylvanica	Pennsylvania Sedge	1 QT	12"	
DC	5	Dicentra canadensis	Squirrel Corn	#1	16"	
DF	17	Deschampsia flexuosa	Crinkled Hair Grass	#1	24"	
DP	15	Dennstaedtia punctilobula	Hay-scented Fern	#1	24"	
ED	34	Eurybia divaricata	White Wood Aster	#1	16"	
IC	24	Iris cristata	Dwarf Crested Iris	1 QT	12"	
MR	14	Maianthemum racemosum	False Solomon's Seal	#1	18"	
PB	21	Polygonatum biflorum	Smooth Solomon's Seal	#1	18"	
TC	6	Tiarella cordifolia	Foamflower	#1	16"	
WF	16	Waldsteinia fragaroides	Barren Strawberry	#1	16"	
TOTAL 233						



LINCOLN SCHOOL LANDSCAPE RENOVATIONS

Brookline, MA
Grading Plan

L-3

DATE: 3/22/24
SCALE: 1" = 10'-0"
DWN BY: ALK
CHK BY: JN

NEW LINCOLN SCHOOL

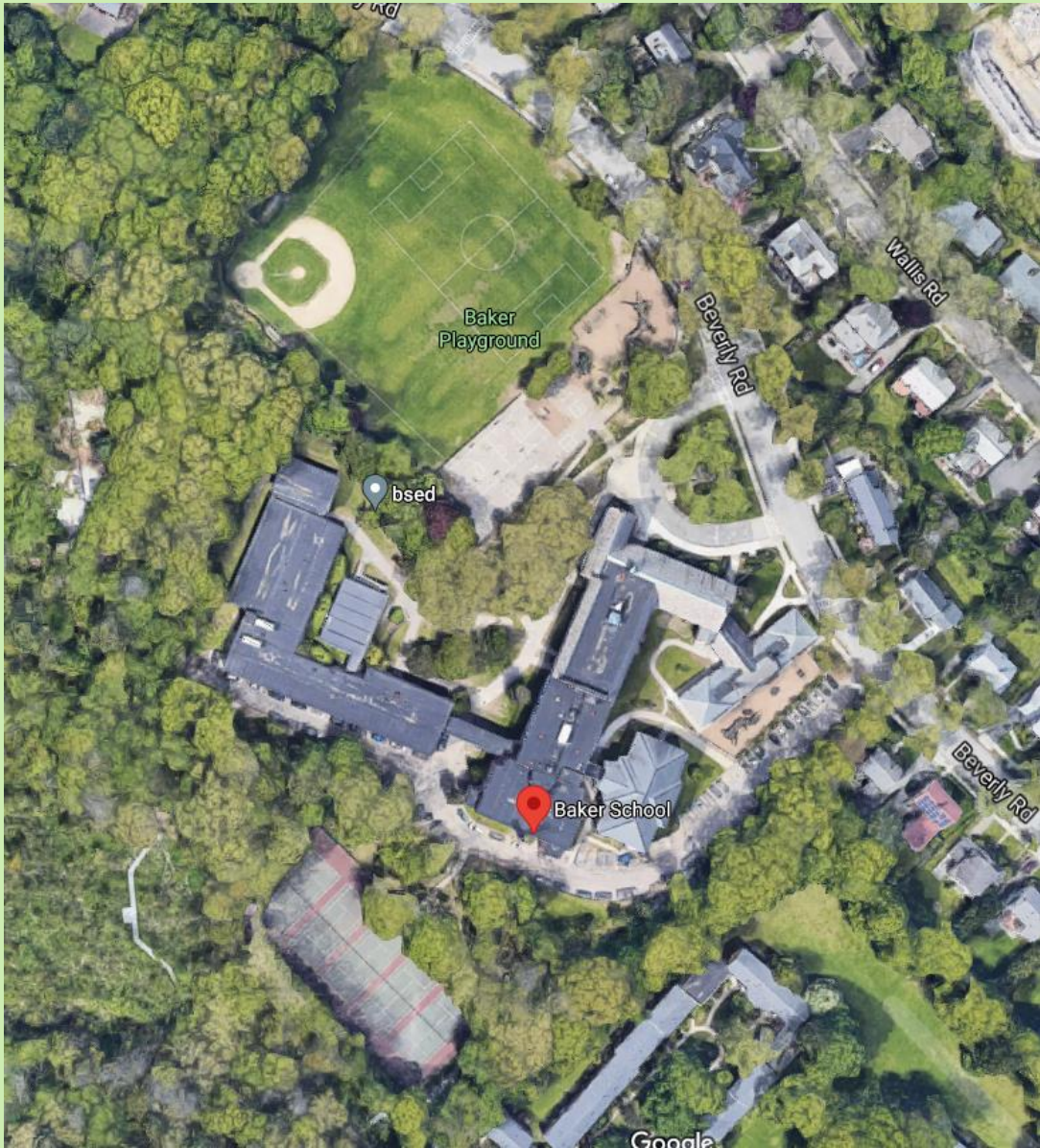
BUDGET: FY 2030- \$5,100,000



NEW LINCOLN SCHOOL

BUDGET: FY 2030- \$5,100,000





BAKER SCHOOL

BUDGET: FY 2029- \$6,600,000

Project Includes

- Natural grass field renovations
- New playground equipment for all ages
- Resilient Playground Safety Surfacing
- Renovated Basketball Court
- Accessible pathway throughout the grounds and to the tennis courts



LAWRENCE SCHOOL/LONGWOOD PLAYGROUND

BUDGET: FUTURE YEARS - \$5,900,000

Project Includes

- Natural grass field renovations
- New playground equipment for all ages
- Expanded playground for ages 2-5 years
- Resilient Playground Safety Surfacing
- Renovated Basketball Court
- Accessible pathway throughout the grounds
- Renovated tennis courts

