



ARROWSTREET

SQUANTUM SCHOOL

COMMUNITY MEETING

QUINCY, MA
14 SEPTEMBER 2023

PREPARED FOR
CITY OF QUINCY / QUINCY PUBLIC SCHOOLS



PROJECT TEAM



Massachusetts School Building Authority
Funding Affordable, Sustainable, and Efficient Schools in Partnership with Local Communities

ARROWSTREET
ARCHITECTURE & DESIGN

ARCHITECT



OWNER'S PROJECT MANAGER

QUINCY SUCCESS WITH THE MSBA
NEW SCHOOL PROJECTS - MSBA CORE BUILDING PROGRAM



CENTRAL MIDDLE SCHOOL / 2013



SOUTH-WEST MIDDLE SCHOOL / 2019



QUINCY HIGH SCHOOL / 2010

QUINCY SUCCESS WITH THE MSBA

SCHOOL REPAIR PROJECTS - MSBA ACCELERATED REPAIR PROGRAM



MERRYMOUNT

DOORS / WINDOWS / ROOF / BOILERS

BEECHWOOD

DOORS / WINDOWS / ROOF / BOILERS

NQHS

DOORS / WINDOWS / ROOF
INCLUDED HANDICAP BATHROOM UPGRADE

WOLLASTON

DOORS / WINDOWS / BOILERS
INCLUDED HANDICAP BATHROOM UPGRADE
MSBA ROOF PROJECT - NEXT YEAR

PARKER

DOORS / WINDOWS
MSBA BOILER PROJECT - NEXT YEAR

ATHERTON HOUGH

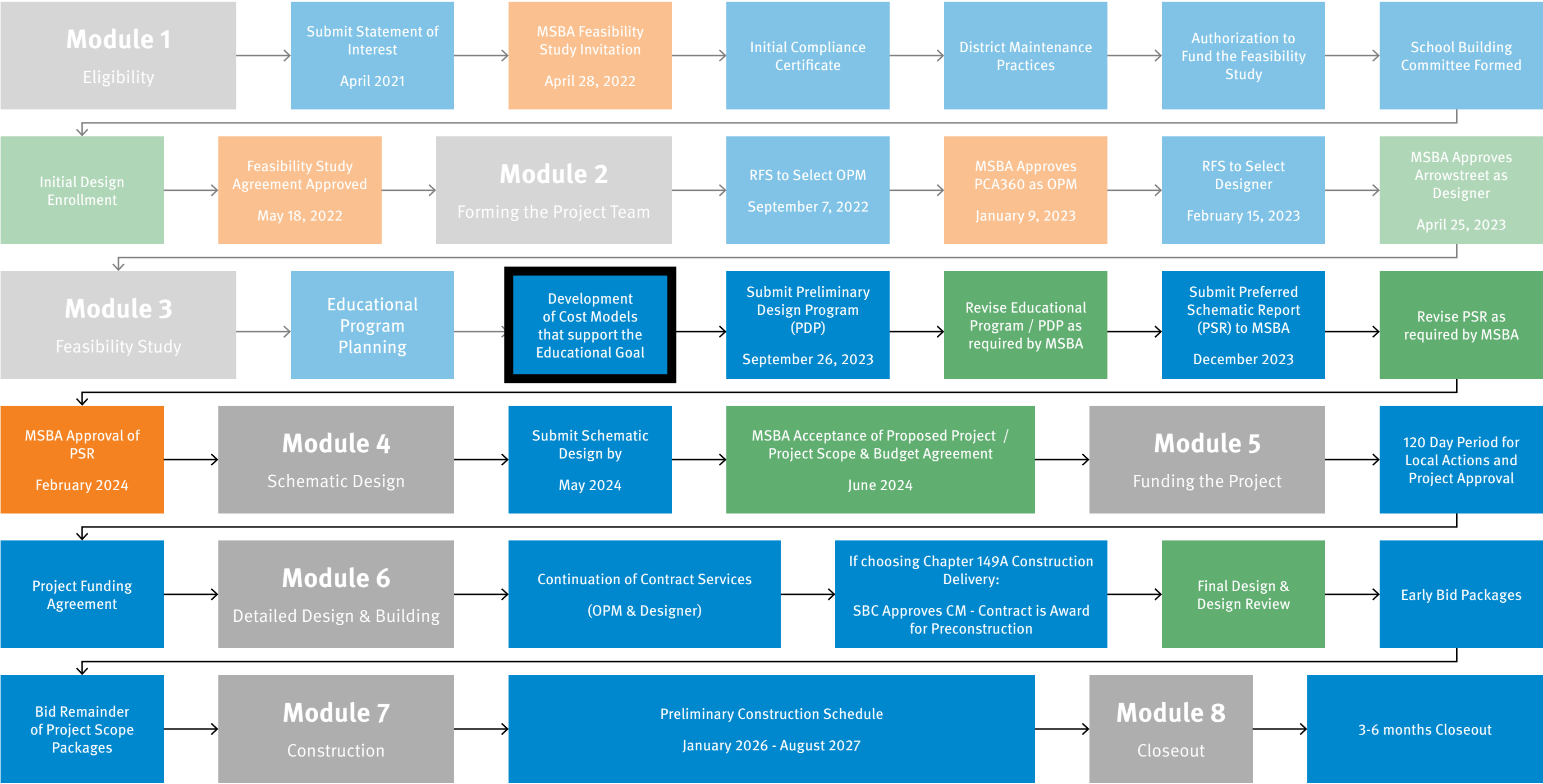
BOILERS

LINCOLN-HANCOCK

DOORS / WINDOWS

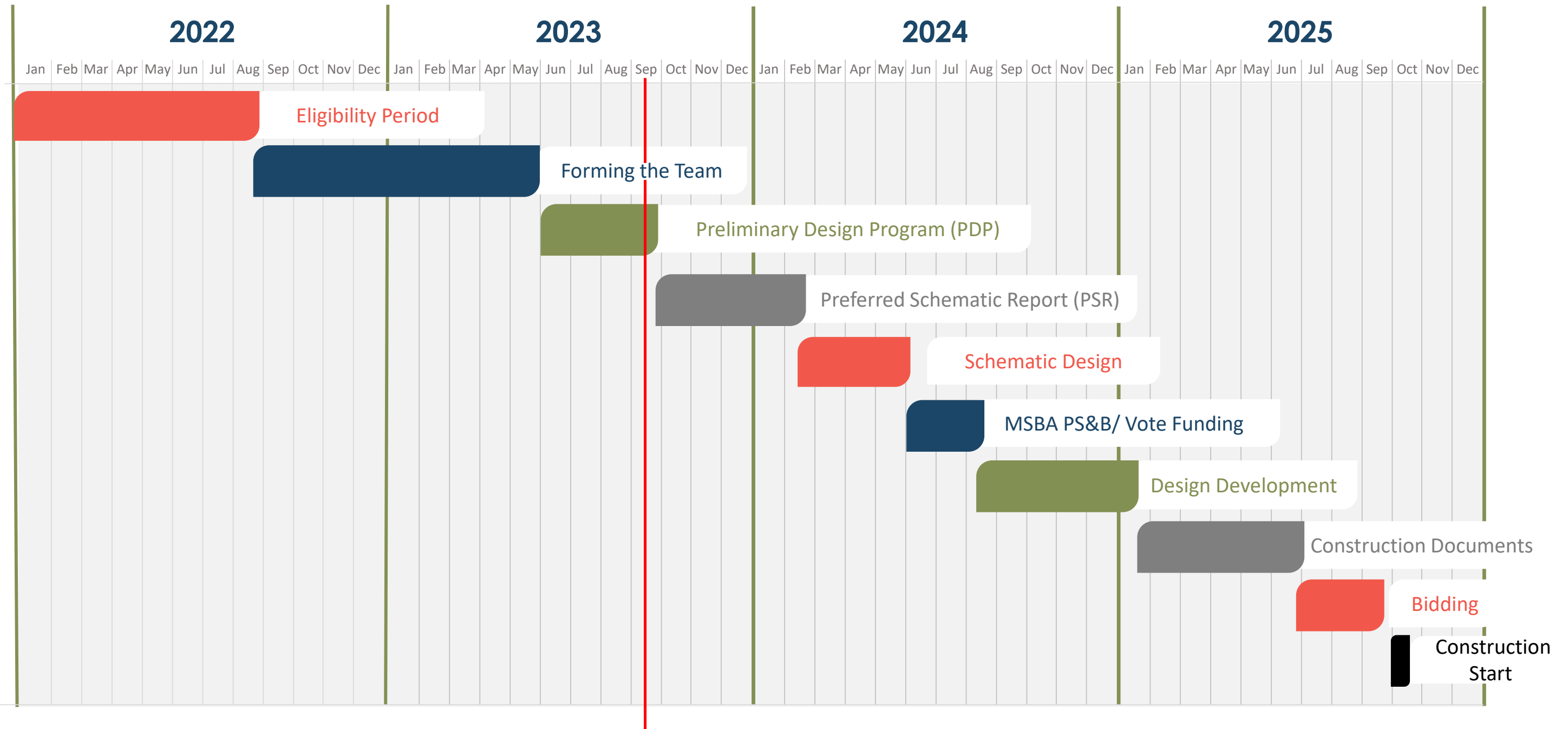


MSBA / Project Timeline by Module





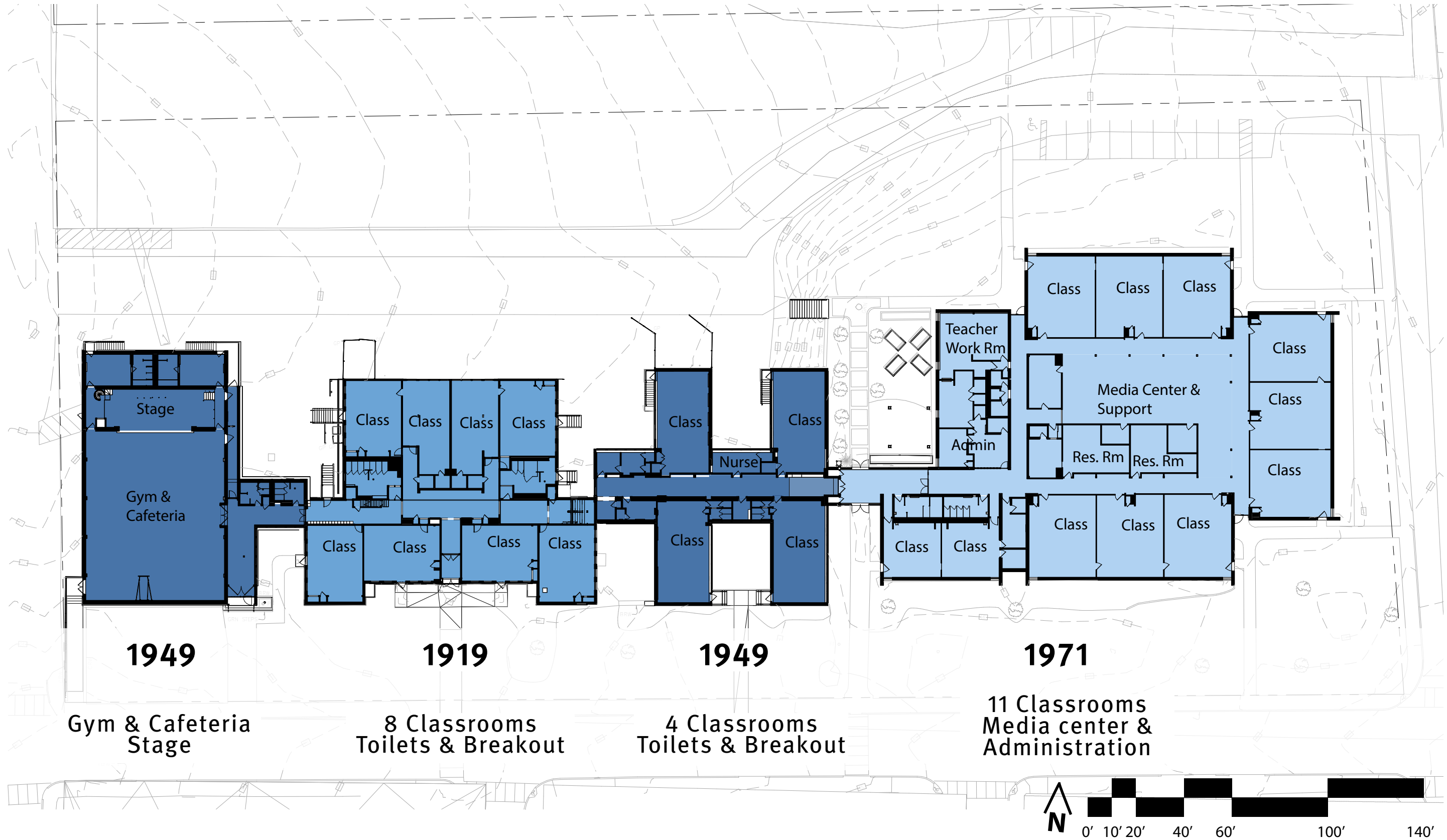
Forecasted Project Timeline



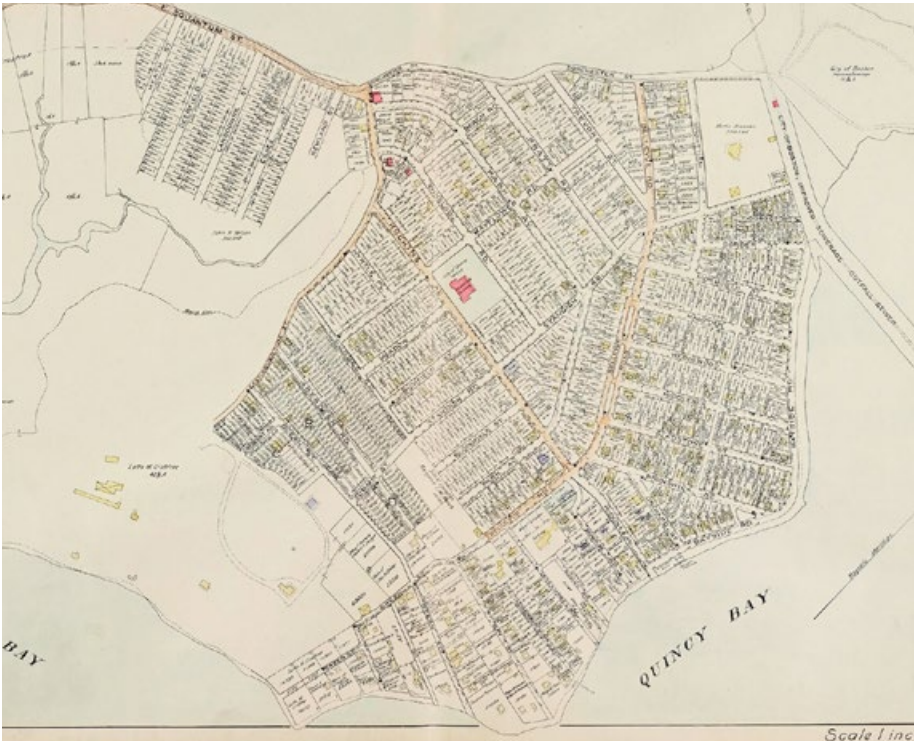
EXISTING BUILDING



EXISTING BUILDING



EXISTING BUILDING

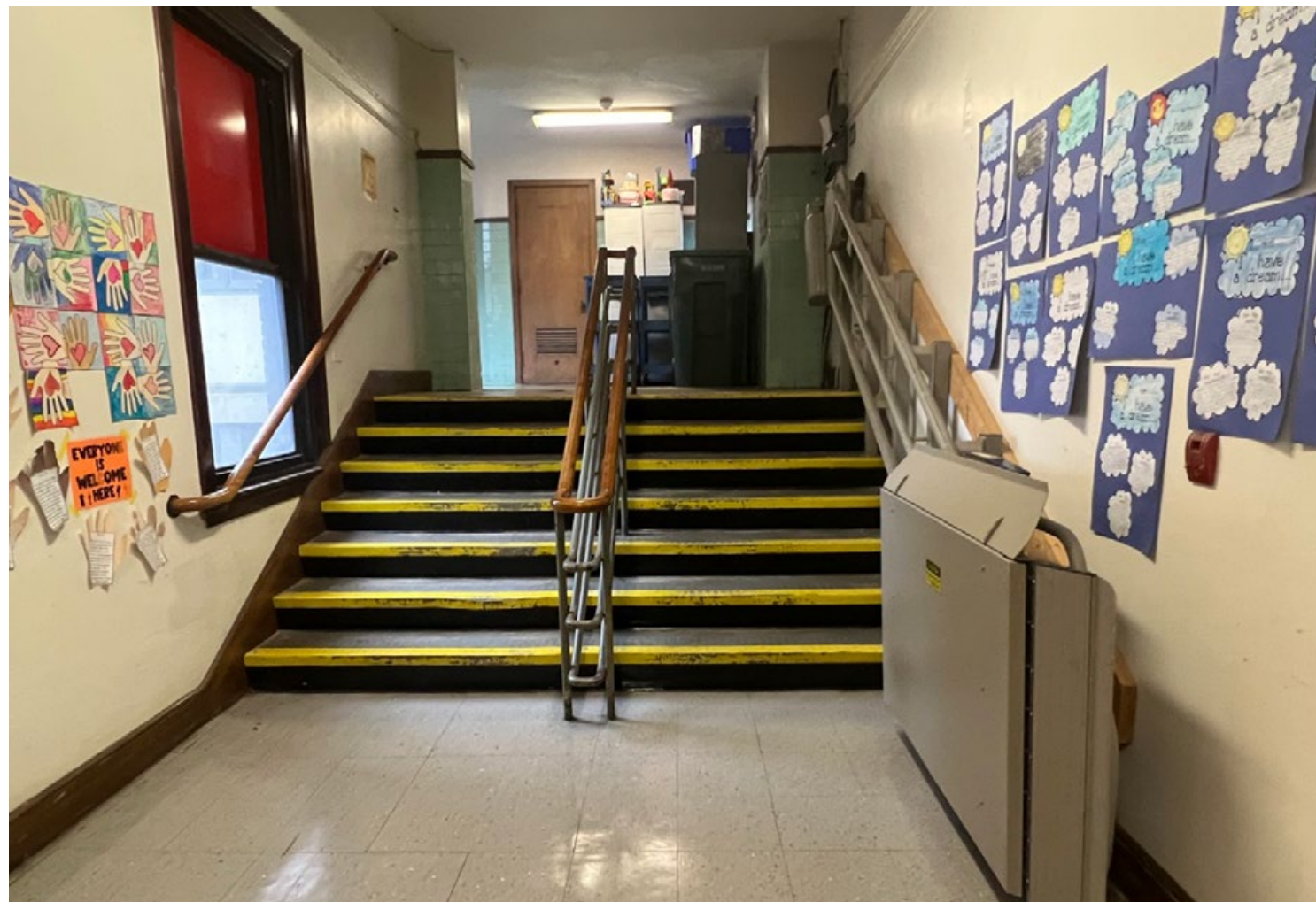


EXISTING BUILDING



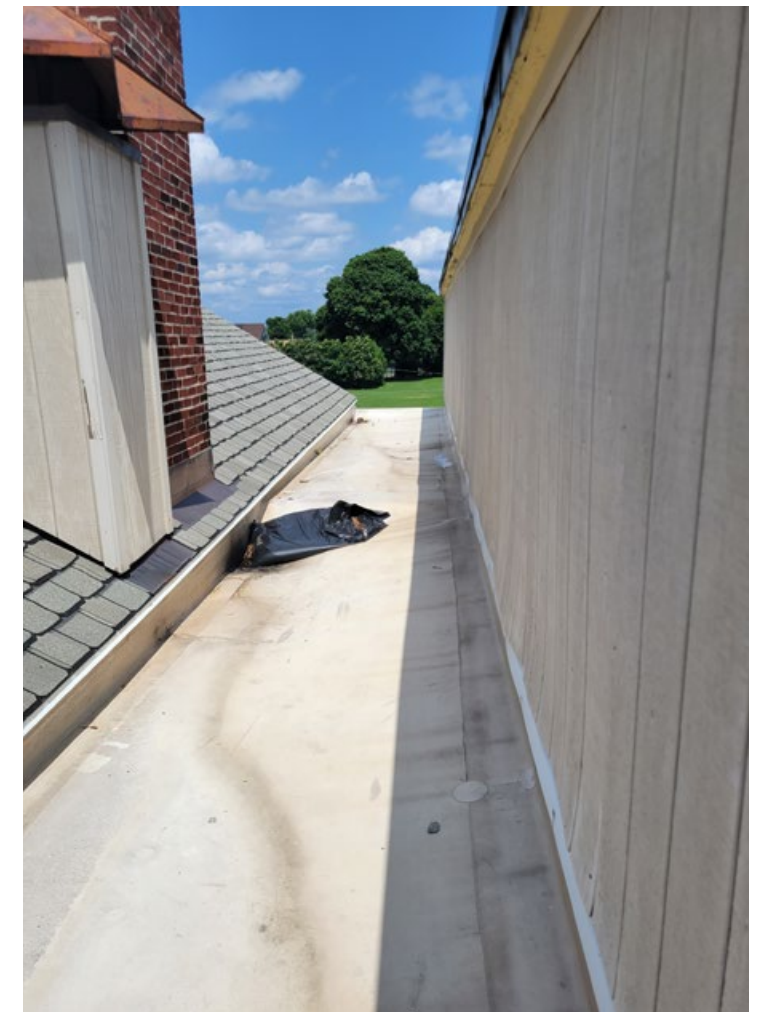
EXISTING BUILDING ACCESSIBILITY CHALLENGES

Level changes within the school and other non-compliant elements make the school difficult to navigate for those with mobility challenges.



EXISTING BUILDING ENVELOPE CHALLENGES

Existing masonry walls and roof need substantial repair and upgrades to be more air tight and waterproof, and to provide better thermal performance.



EXISTING BUILDING SYSTEM CHALLENGES

Building systems are old, inefficient, and at end of life/in need of replacement.



**EXISTING BUILDING
SITE**



BUS DROP OFF ZONE / 2-3 BUSES & 5 VANS



PARENT DROP OFF & PICK UP / 225 +/- VEHICLES & PEDESTRIAN CROSSINGS



BUS DROP OFF ENTRANCE HAS NON COMPLAINT SLOPE



UNSTRUCTURED PLAY AREA USED FOR RECESS

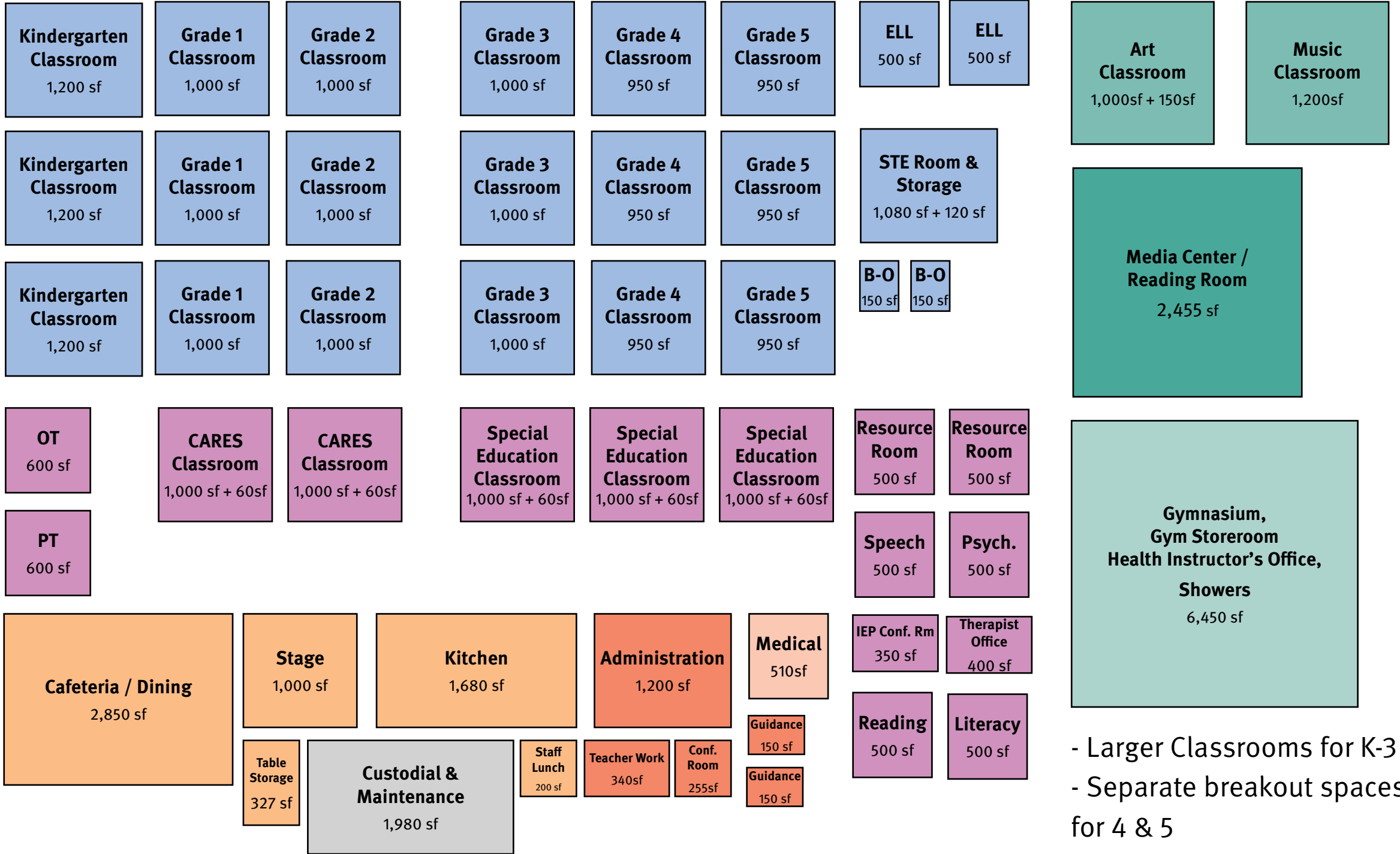
EDUCATIONAL VISIONING AND SCHOOL TOURS



EDUCATIONAL PROGRAMMING
MSBA SPACE SUMMARY TEMPLATE BLOCK PROGRAM

PROPOSED BUILDING
52,947 NET SF;
79,421 GROSS SF

EXISTING BUILDING
~45,000 GROSS SF



NEXT STEPS

Collect community feedback TODAY!

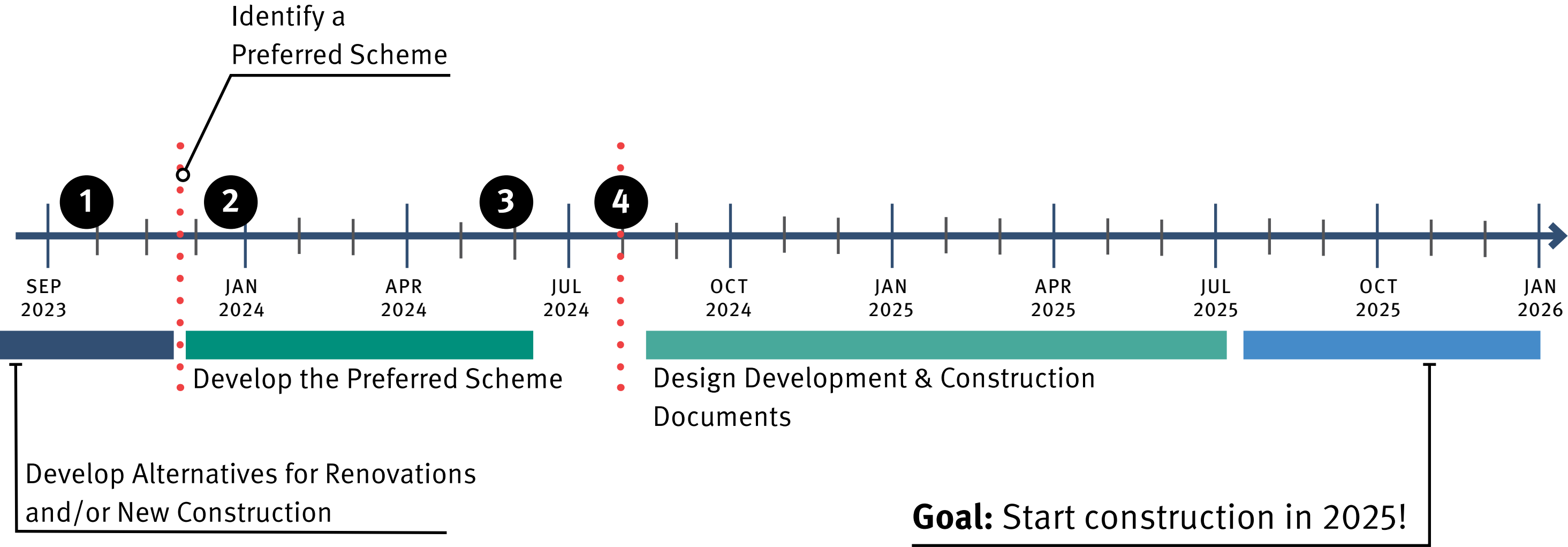
1.

Submit the Preliminary Design Pro gram (PDP) Report to the MSBA
2.

Submit the Preferred Schematic Report (PSR) Report to the MSBA
3.

Submit the Schematic Design (SD) of the Preferred Scheme to the MSBA
4.

Seek City & State Funding





THANK YOU!

QUESTIONS?