CITY OF NEWTON

IN BOARD OF ALDERMEN

SPECIAL MEETING

JOINT BOARD OF ALDERMEN AND SCHOOL COMMITTEE AGENDA

MONDAY, MAY 18, 2015

7 PM Aldermanic Chamber

Facilities Update on the Cabot Elementary School



MONTHLY REPORT EXECUTIVE SUMMARY APRIL 2015

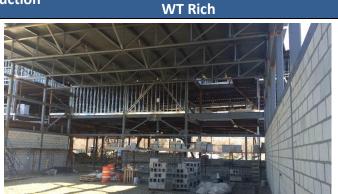
ELEMENTARY SCHOOL PROJECTS

Project Management

DiNisco Design

CITY OF NEWTON, MA

Construction **ANGIER ZERVAS**



Construction Documents

Design Partnership WT Rich





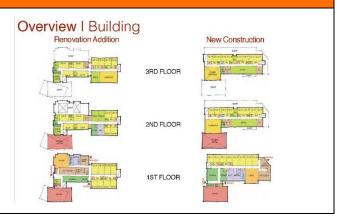
CABOT

Feasibility Study

DiNisco Design

Traffic Circulation I Overview





ANGIER: EXECUTIVE SUMMARY

Construction is ongoing. Building wrap has been removed as exterior framing is progressing around the building. Construction is ongoing with regard to exterior framing, MEP & FP, underground and exterior site utility work. See construction update below for more detail. JLA is continuing to work with the City and the MSBA to make any needed adjustments to the budget, with regard to closing out the FS/SD portion of the project which would be included as part of the PFA Amendment.

ANGIER: CONSTRUCTION UPDATE

Temporary building wrap and heating system have been removed. Interior underground MEP rough-in has been tested, inspected and backfilled and is complete. Concrete slab on grade prep has commenced and is ongoing, preparing for pours this month. Exterior framing/sheathing and exterior spray foam insulation are ongoing. AVB will begin and will continue through next month. Main building roof system is installed and lower roofs are ongoing with gymnasium to follow by end of the month. All mechanical curbs and two rooftop units (MUA and chiller) have been installed. Exterior Masonry is ongoing and will continue into the interior back of house areas. Mock-up walls have been constructed and are pending installation of final finishes, brick, metal panel and windows. Interior wall framing on the 2nd and 3rd floors are near completion. Door frames have been delivered for floors 2 and 3 and installation has commenced. HVAC ductwork and piping, overhead rough, is ongoing on floors 2 and 3. Fire Protection piping and electrical rough-in will start this month on floors 2 and 3. Exterior site utility work has commenced again, finishing the water line and additional sewer connections between structures and continues. Coordinating with utility companies is ongoing for the excavation and backfill for the new electrical duct back, generator, transformer pad and gas line and work will continue through the end of Fall 2015.

ZERVAS: EXECUTIVE SUMMARY

The project team presented a project update at a joint Board of Alderman/School Committee meeting. The team also presented the Design Development drawings to the Zervas School Building Committee and the Committee voted to approve the DD package and allow the team to proceed to Construction Documents. Meetings with User Groups will be scheduled to review the design documents in May.

CABOT: EXECUTIVE SUMMARY

The design team presented updated concept schemes and site options to a joint session of the Board of Alderman and School Committee. The team also held attended multiple Design Review Committee meetings, receiving input and refining the design. A Public Forum was held in conjunction with a Cabot School Building Committee meeting to present the current design approaches for site and building to the public and received input from neighbors and parents in attendance.

ATTACHMENTS

- Angier, Zervas and Cabot, City of Newton Budget and Categories of Expenses Summary
- Newton Elementary School Projects: Meeting and Milestone Schedule, dated 4/30/15

ANGIER ELEMENTARY SCHOOL PROJECT

BUDGET & CATEGORIES OF EXPENSES

JOSLIN LESSER + ASSOCIATES for CITY OF NEWTON PUBLIC BUILDINGS DEPARTMENT

	RE	REVISED BUDGET		BUDGET BASED ON		CURRENT		TOTAL		TOTAL		NOBLIGATED
CATEGORIES OF THE BUDGET		07/26/13		GMP *		EXPENDITURES		EXPENDITURES		ALLOCATIONS		BUDGET
FEASIBILITY STUDY (Includes A/E, OPM & CM PreCon)	\$	717,659	\$	695,241	\$	-	\$	691,421	\$	695,241	\$	-
PROJECT ADMINISTRATION (Includes OPM)	\$	970,000	\$	970,000	\$	37,000	\$	525,739	\$	912,886	\$	57,114
CONSTRUCTION CLERK OF THE WORKS				INCLUDED IN	۱ O	DPM SERVICES UI	NDE	R PROJECT ADN	ΛIN	ISTRATION		
BUILDING SYSTEM COMMISSIONING			P	AID FOR DIRECTL	ΥB	BY THE MSBA: NOT	INC	CLUDED IN TOTA	L PI	ROJECT BUDGET		
ARCHITECTURE & ENGINEERING	\$	2,491,100	\$	2,492,800	\$	43,119	\$	1,990,284	\$	2,473,938	\$	17,162
PRE CONSTRUCTION SERVICES	\$	123,600	\$	123,600			\$	123,600	\$	123,600	\$	-
CONSTRUCTION	\$	26,231,698	\$	26,231,698	\$	-	\$	4,124,785	\$	26,210,616	\$	21,082
ALTERNATE #1: Site Improvements	\$	836,069	\$	836,069	\$	-	\$	500,970	\$	836,069	\$	-
ALTERNATE #2: Off Site Improvements	\$	3,112,190	\$	3,112,190	\$	95,256	\$	408,457	\$	1,252,486	\$	1,859,704
FURNITURE/FIXTURES/EQUIPMENT	\$	1,116,000	\$	1,116,000	\$	-	\$	-	\$	-	\$	1,116,000
OTHER PROJECT COSTS	\$	230,000	\$	230,000	\$	300	\$	89,746	\$	154,667	\$	75,333
CONSTRUCTION CONTINGENCY	\$	1,311,474	\$	1,311,474	\$	-	\$	-	\$	-	\$	1,311,474
OWNER'S CONTINGENCY (SOFT COSTS)	\$	360,210	\$	380,927	\$	-	\$	-	\$	-	\$	360,210
TOTAL PROJECT EXPENDITURE BUDGET	\$	37,500,000	\$	37,500,000	\$	175,675	\$	8,455,001	\$	32,659,503	\$	4,818,078

^{*} Budget based on GMP reflects current budget (04/01/15) with adjustments that will be incorporated as part of the PFA Amendment, which is subject to approval of the Board of Aldermen.

Total Value of CM Change Orders Submitted to Date \$	-				
Total Number of CM Change Orders Submitted to Date	0				
Expenditures are listed based on date submitted to the City for processing					
Expenditures and Encumbrances are rounded to the nearest whole dollar					

Construction Completion Rate (%)	9%
Projected Construction Start Date	6/30/2014
Substantial Completion Date	12/15/2015
Final Project Completion Date	3/17/2016

APRIL 30, 2015

ZERVAS ELEMENTARY SCHOOL PROJECT

BUDGET & CATEGORIES OF EXPENSES JOSLIN LESSER + ASSOCIATES for CITY OF NEWTON PUBLIC BUILDINGS DEPARTMENT

CATEGORIES OF THE BUDGET	BOARD ORDER BUDGET			CURRENT EXPENDITURES		TOTAL EXPENDITURES		TOTAL ALLOCATIONS		UNOBLIGATED BUDGET	
Repair & Maint. Public Buildings (UST)	\$	30,177	\$	-	\$	-	\$	-	\$	30,177	
Consultants (Testing & Peer Review)	\$	150,000	\$	4,380	\$	4,380	\$	21,000	\$	129,000	
Moving	\$	60,000	\$	-	\$	-	\$	-	\$	60,000	
Advertising	\$	1,500	\$	-	\$	152	\$	152	\$	1,348	
Printing	\$	37,500	\$	-	\$	769	\$	2,112	\$	35,388	
Architectural Services	\$	3,415,042	\$	91,630	\$	1,277,612	\$	3,215,042	\$	200,000	
Construction Contract Management: OPM/Clerk	\$	1,086,823	\$	16,000	\$	276,000	\$	1,086,000	\$	823	
Demolition (of Acquired Houses)	\$	60,000	\$	-	\$	-	\$	-	\$	60,000	
Construction	\$	100,000	\$	-	\$	-	\$	-	\$	100,000	
Construction Manager at Risk (Construction + PreCon)	\$	29,160,000	\$	10,000	\$	80,000	\$	160,000	\$	29,000,000	
Building Commissioning (through OPM)	\$	100,000	\$	-	\$	-	\$	99,901	\$	99	
Site Improvements (in CM Construction)											
Off Site Improvements	\$	500,000	\$	-	\$	-	\$	-	\$	500,000	
Furniture/Fixtures/Equipment FFE	\$	600,000	\$	-	\$	-	\$	-	\$	600,000	
Computer Equipment	\$	600,000	\$	-	\$	-	\$	-	\$	600,000	
Land Acquisition	\$	2,415,000	\$	-	\$	2,298,000	\$	2,366,000	\$	49,000	
Mayor's Contingency	\$	318,958	\$	-	\$	-	\$	-	\$	318,958	
Board of Aldermen Contingency	\$	1,365,000	\$	-	\$	_	\$	-	\$	1,365,000	
TOTAL PROJECT EXPENDITURE BUDGET	\$	40,000,000	\$	122,010	\$	3,936,913	\$	6,950,207	\$	33,049,793	

Total Value of CM Change Orders Submitted to Date	\$ -
Total Number of CM Change Orders Submitted to Date	0

Construction Completion Rate (%)	NA
Projected Construction Start Date	January 2016
Substantial Completion Date	July 2017
Final Project Completion Date	Fall 2017

NOTES:

Expenditures are listed "as submitted" to the City, some expenditures may not yet be processed by the City of Newton The potential cost of concrete slab moisture mitigation will be covered under Construction Contingency



April 30, 2015

CABOT ELEMENTARY SCHOOL PROJECT

BUDGET & CATEGORIES OF EXPENSES

JOSLIN LESSER + ASSOCIATES for CITY OF NEWTON PUBLIC BUILDINGS DEPARTMENT

	REVISED BUDGET		CURRENT		TOTAL		TOTAL		UNOBLIGATED		
CATEGORIES OF THE BUDGET	07/26/13		E	EXPENDITURES		EXPENDITURES		ALLOCATIONS		BUDGET	
FEASIBILITY STUDY (Includes A/E, OPM & CM PreCon)	\$	1,000,000	\$	43,392	\$	360,130	\$	860,725	\$	139,275	
PROJECT ADMINISTRATION (Includes OPM)	\$	-	\$	-	\$	-	\$	-	\$	-	
CONSTRUCTION CLERK OF THE WORKS	INCLUDED IN OPM SERVICES UNDER PROJECT ADMINISTRATION										
BUILDING SYSTEM COMMISSIONING	PAID FOR DIRECTLY BY THE MSBA: NOT INCLUDED IN TOTAL PROJECT BUDGET										
ARCHITECTURE & ENGINEERING	\$	-	\$	-	\$	-	\$	-	\$	-	
PRE CONSTRUCTION SERVICES	\$	-	\$	-	\$	-	\$	-	\$	-	
CONSTRUCTION	\$	-	\$	-	\$	-	\$	-	\$	-	
FURNITURE/FIXTURES/EQUIPMENT	\$	-	\$	-	\$	-	\$	-	\$	-	
OTHER PROJECT COSTS	\$	-	\$	-	\$	-	\$	-	\$	-	
CONSTRUCTION CONTINGENCY	\$	-	\$	-	\$	-	\$	-	\$	-	
OWNER'S CONTINGENCY (SOFT COSTS)	\$	-	\$	-	\$	-	\$	-	\$	-	
TOTAL PROJECT EXPENDITURE BUDGET	\$	1,000,000	\$	43,392	\$	360,130	\$	860,725	\$	139,275	

Total Value of CM Change Orders Submitted to Date \$	-
Total Number of CM Change Orders Submitted to Date	0
Expenditures are listed based on date submitted to the City for processing	
Expenditures and Encumbrances are rounded to the nearest whole dollar	

Construction Completion Rate (%)	NA
Projected Construction Start Date	Summer 2017
Substantial Completion Date	December 2018
Final Project Completion Date	January 2019



JOSLIN, LESSER + ASSOCIATES, INC.

ELEMENTARY SCHOOL PROJECTS: MEETING & MILESTONE SCHEDULE

ANGIER - A





CABOT - C

4/2015 - 8/2015

U P D A T E D D R A F T - 05/05/15 (through Zervas DD and Cabot FS/Preferred SD)

J O S L I N L E S S E R Project Management



NEWTON POBLIC SCHOOLS

		Charles a 100	MONDAY	TUESDAY	W E D N E S D A Y		тни	FRIDAY	
			WONDAT	1013041	AM	PM	AM	PM	TRIBAT
		68171641 4411567645						WABAN AREA COUNCIL MEETINGS	
	WEEK OF (Monday)	CRITICAL MILESTONE	BOA/SC MEETINGS	WEEKLY PROGRAMMING/ DESIGN MEETIGS	CONSTRUCTION MEETINGS	DRC MEETINGS	WORKING GROUP MEETINGS	ASBC, ZSBC, CSBC + DRC JOINT MEETINGS	BOA/SC UPDATE PACKETS
			City Hall Aldermanic Chamber - 7:45PM	Location TBD, Time TBD	CONSTRUCTION MEETINGS: Angier site trailer 10:00-12:00PM	DRC MEETINGS: Library, Trustee's Rm, 6:00PM (unless otherwise noted)	WORKING GROUP MEETINGS: City Hall, room/time TBD	SBC+DRC JOINT MEETINGS: Newton Ed Center, Rm TBD - 6:00PM WAC: Waban Library, 7:00PM	
	03/30/15		03/30/15	03/31/15	A 04/01/15 CONSTRUCTION MTG	04/01/15	Z 04/02/15 <u>ZWG</u> : 100% DD UPDATE (8:45AM, location TBD)	C 04/02/15 CSBC+DRC MEETING: FS UPDATE- (6:00PM, Ed Ctr, Room 210)	Z 04/03/15 BOA PACKET UPDATE
								C 04/02/15 DRC-C: REVIEW CONCEPTS (6:00PM, Library Trustee's Room)	C
ıc			Z 04/06/15 <u>BOA & SC MEETING</u> (7:45PM) C: FS UPDATE Z: 100% DD UPDATE	Z 04/07/15 PARENT COMMUNITY MTG Zervas In Motion (7:00PM, Zervas ES)	A 04/08/15 CONSTRUCTION MTG	04/08/15	C 04/09/15 <u>CWG</u> : PREP FOR CSBC/FORUM- (8:30AM, City Hall, Room TBD)	Z 04/09/15 ZSBC+DRC MEETING: 100% DD VOTE (6:00PM, Ed Ctr, Room 210) CSBC+DRC MEETING	
201	•							A 04/09/15 WABAN AREA COUNCIL (7:00PM, WLC)	04/10/15
2								C 04/09/15 <u>DRC-C: REVIEW CONCEPTS</u> (7:00PM, Ed Ctr Room 210)	
A		Z 04/13/15 ZERVAS: BEGIN CONSTRUCTION DOCS	04/13/15	04/14/15	A 04/15/15 CONSTRUCTION MTG	04/15/15	04/16/15	C 04/16/15 CSBC / FORUM : FS UPDATE (time/location TBD)	04/17/15
	04/20/15		04/20/15 HOLIDAY	04/21/15	A 04/22/15 CONSTRUCTION MTG	C 04/22/15 <u>DRC-C: SD KICK-OFF/ INTEGRATED-DESIGN MTG</u>	04/23/15	04/23/15	04/24/15
	04/27/15		C 04/27/15 PARKS & REC COMMISSION (7:00PM, City Hall Room 209)	04/28/15	A 04/29/15 CONSTRUCTION MTG	04/29/15	04/30/15	C 04/30/15 <u>CSBC+DRC-MEETING-</u> (6:00PM, Ed Ctr Room 210)	Z 05/01/15 BOA PACKET UPDATE
-2	05/04/15		C 05/04/15 BOA & SC MEETING (7:45PM) CABOT: UPDATE	C 05/05/15 <u>CABOT WG MEETING</u> (8:30AM, City Hall, Room 222)	A 05/06/15 CONSTRUCTION MTG	05/06/15	05/07/15	C 05/07/15 <u>CSBC+DRC MEETING</u> (6:00PM, Ed Ctr Room 210)	05/08/15
2 0 1	05/11/15		05/11/15	05/12/15	A 05/13/15 CONSTRUCTION MTG	05/13/15	C 05/14/15 CWG: PREP FOR BOA/SC MTG (8:30AM, City Hall, Room TBD)	A 05/14/15 WABAN AREA COUNCIL (7:00PM, WLC)	Z 05/15/15 Playground Review Meeting (2:00PM, Zervas ES)
> A	05/18/15		C 05/18/15 BOA & SC UPDATE MEETING (7:45PM)	05/19/15	A 05/20/15 CONSTRUCTION MTG	05/20/15	05/21/15	C 05/21/15 CSBC+DRC MEETING (6:00PM, Ed Ctr Room TBD)	05/22/15
Σ	05/25/15		05/25/15 HOLIDAY	05/26/15	A 05/27/15 CONSTRUCTION MTG	C 05/27/15 PARKS & REC COMMISSION (7:00PM, City Hall Room 209)	05/28/15	C 05/28/15 CSBC+DRC MEETING: SELECT OPTION (6:00PM, Ed Ctr Room TBD)	05/29/15
	06/01/15		06/01/15	06/02/15	A 06/03/15 CONSTRUCTION MTG	06/03/15	06/04/15	C 06/04/15 <u>CSBC+DRC MEETING: VOTE-</u> (6:00PM, Ed Ctr Room TBD)	06/05/15
<u>ر</u> ر		C 06/11/15 CABOT: MSBA PREFERRED SD SUBMISSION	06/08/15	06/09/15	A 06/10/15 CONSTRUCTION MTG	06/10/15	06/11/15	A 06/11/15 WABAN AREA COUNCIL (7:00PM, WLC)	06/12/15
1 20	06/15/15		06/15/15	06/16/15	A 06/17/15 CONSTRUCTION MTG	06/17/15	06/18/15	06/18/15	06/19/15
2	06/22/15		06/22/15	06/23/15	A 06/24/15 CONSTRUCTION MTG	C 06/24/15 MSBA: FACILITIES ASSESSMENT MEETING	06/25/15	06/25/15	06/26/15
	06/29/15		06/29/15	06/30/15	A 07/01/15 CONSTRUCTION MTG	07/01/15	07/02/15	07/02/15	07/03/15
r.			07/06/15	07/07/15	A 07/08/15 CONSTRUCTION MTG	07/08/15	07/09/15	A 07/09/15 WABAN AREA COUNCIL (7:00PM, WLC)	07/10/15
201			07/13/15	07/14/15	A 07/15/15 CONSTRUCTION MTG	07/15/15	07/16/15	07/16/15	07/17/15
	07/20/15		07/20/15	07/21/15	A 07/22/15 CONSTRUCTION MTG	07/22/15	07/23/15	07/23/15	07/24/15
7	07/27/15		07/27/15	07/28/15	A 07/29/15 CONSTRUCTION MTG	07/29/15	07/30/15	07/30/15	07/31/15
	08/03/15		08/03/15	08/04/15	A 08/05/15 CONSTRUCTION MTG	08/05/15	08/06/15	08/06/15	08/07/15
0 1 5	33, 23, 23		08/10/15	08/11/15	A 08/12/15 CONSTRUCTION MTG	08/12/15	08/13/15	A 08/13/15 WABAN AREA COUNCIL (7:00PM, WLC)	08/14/15
6			08/17/15	08/18/15	A 08/19/15 CONSTRUCTION MTG	08/19/15	08/20/15	08/20/15	08/21/15
I A	08/24/15		08/24/15	08/25/15	A 08/26/15 CONSTRUCTION MTG	08/26/15	08/27/15	08/27/15	08/28/15
	08/31/15		08/31/15	09/01/15	A 09/02/15 CONSTRUCTION MTG	09/02/15	09/03/15	09/03/15	09/04/15



Cabot School

Board of Aldermen & School Committee Meeting

May 18, 2015







Objective

- Feasibility Study milestone to receive Board of Aldermen and School Committee feedback
- Identify preferred planning option:
 Renovation/Addition (A.4a) vs. New Construction (B.4)
- VOTE at CSBC Meeting on "Preferred Schematic" May 21, 2015
- SUBMIT "Preferred Schematic" to MSBA June 11, 2015
- Site design refinements / traffic / access issues are independent from the selection of the "Preferred Schematic"

Cabot School / Cabot Park

Cabot School (480) Zervas School (490) Angier School (465)

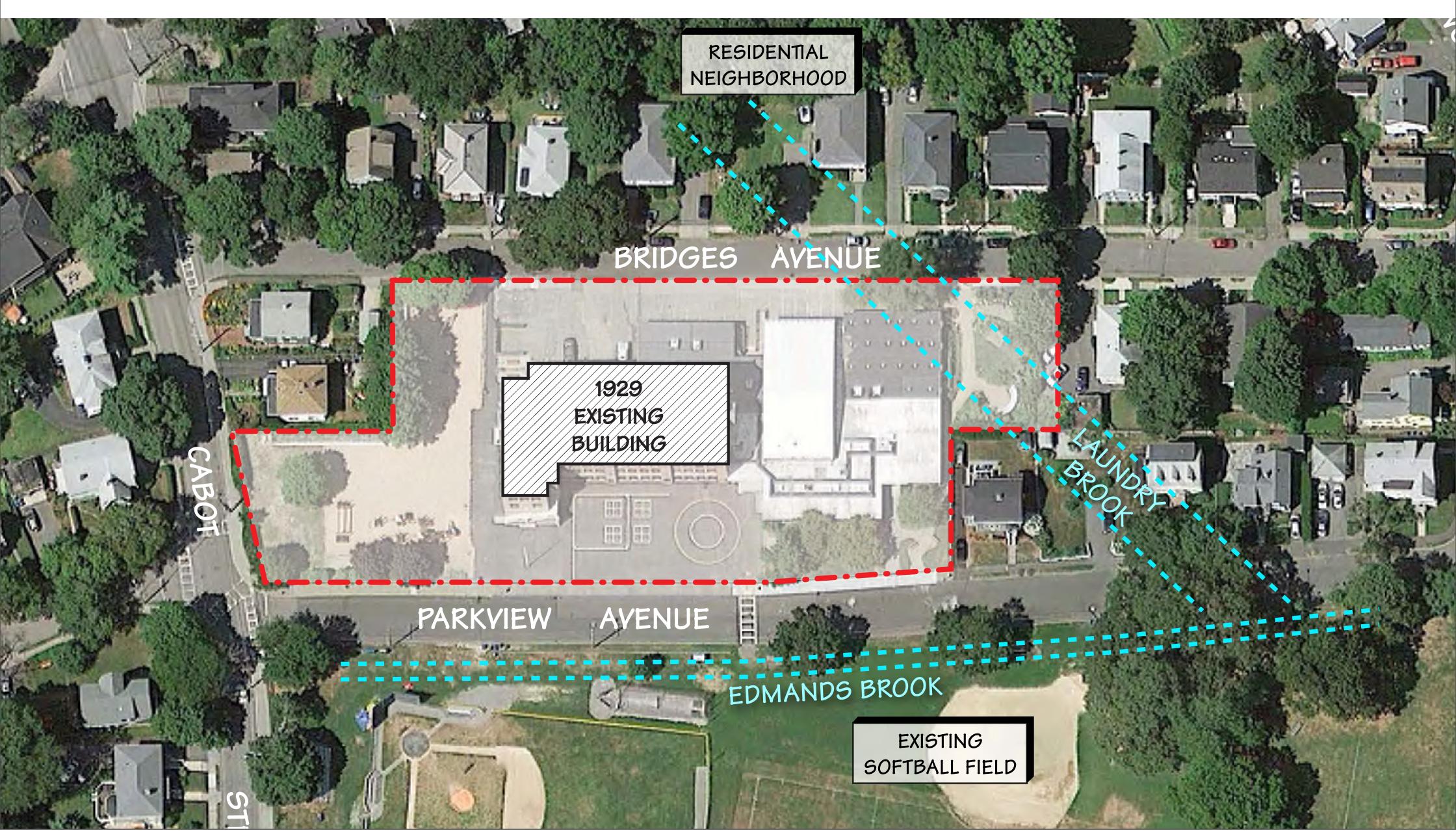
Classrooms + SPED Classrooms 24 + 2 (26 Total) 24 + 1 (25 Total) 22 + 2 (24 Total)

Gross Building Area ~ 81,500 - 84,500 SF 79,000 SF 74,960 SF

Total Lot Area 1.78 acres 4.2 acres 1.84 acres



Cabot School / Cabot Park



A.4a and B.4 Overview

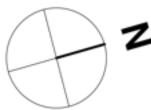


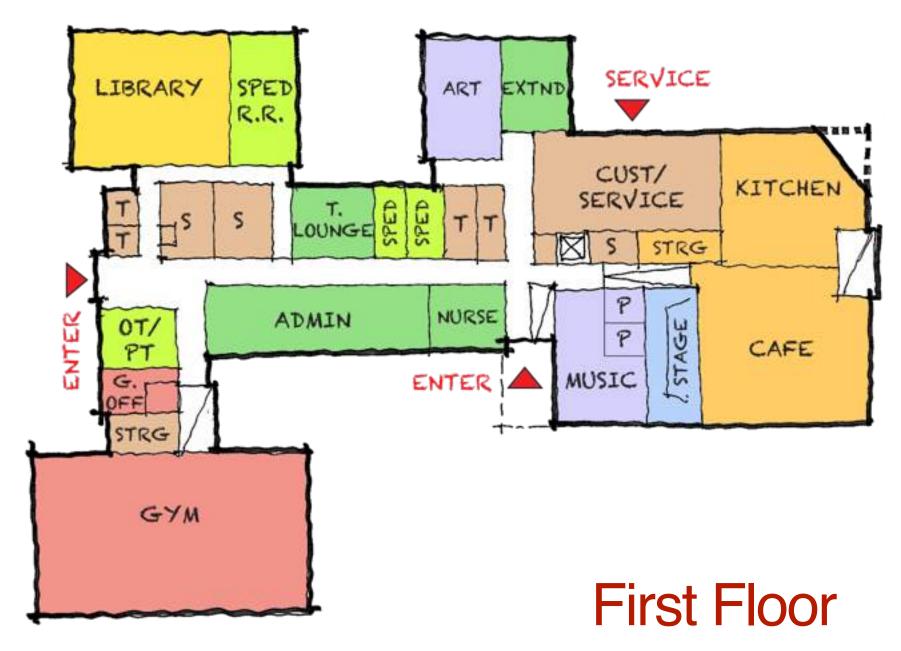


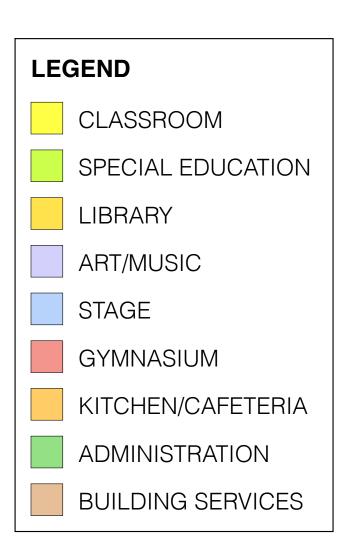
PARKING +/-20CARS PARKING +/-socars
9999 9999999 99 1819 RELOCATED EXISTING SOCCER BASEBALL EXISTING TO

Renovation / Addition | Option A.4a

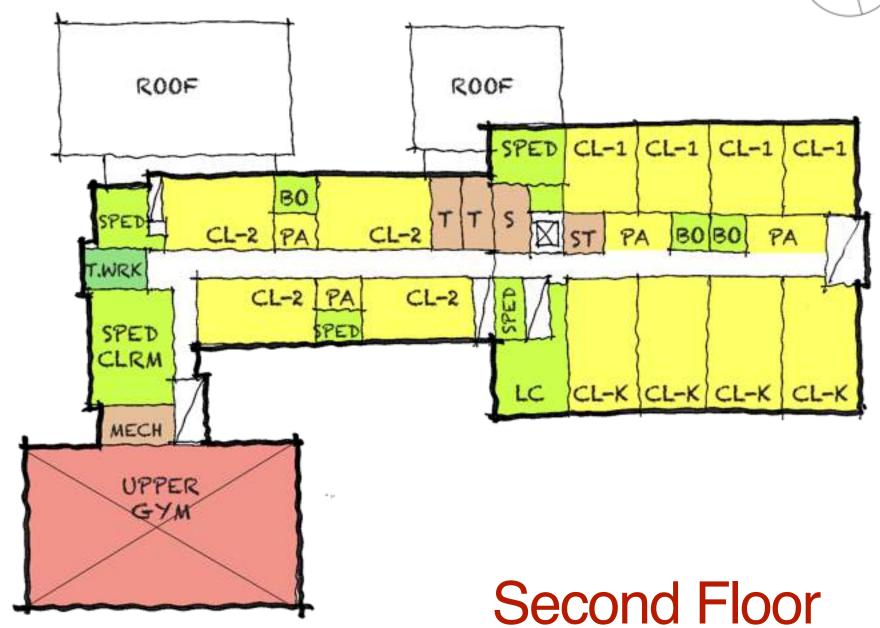
New Construction | Option B.4

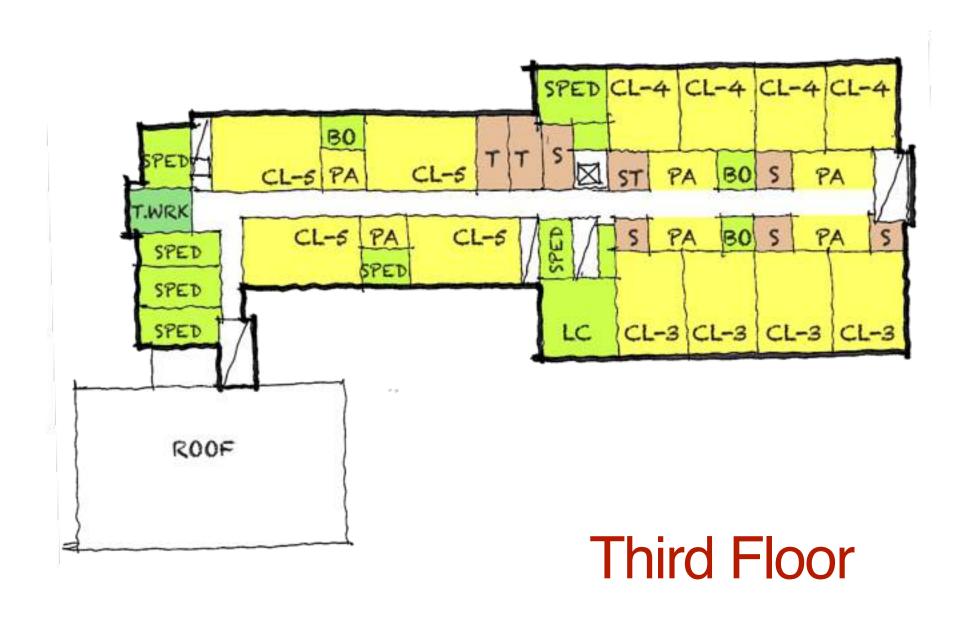






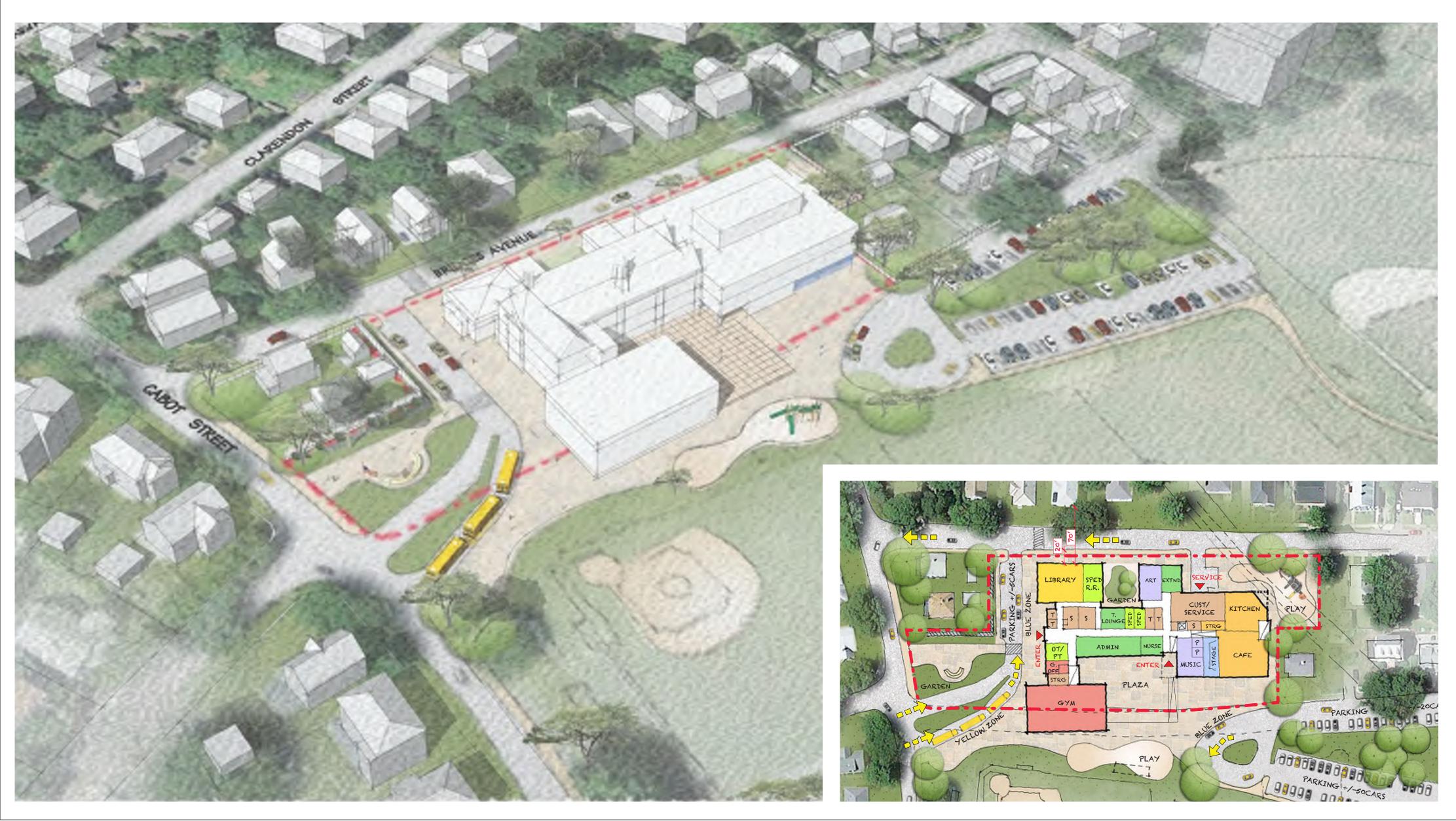
- Variations within scheme will be studied
- Core program located on ground floor
- Gym can be zoned off
- Kindergarten + 1st grade on 2nd floor
- Academics on two floors
- Limited floor-to-floor heights due to preservation of 1929 building
- Cafeteria lowered 30 inches















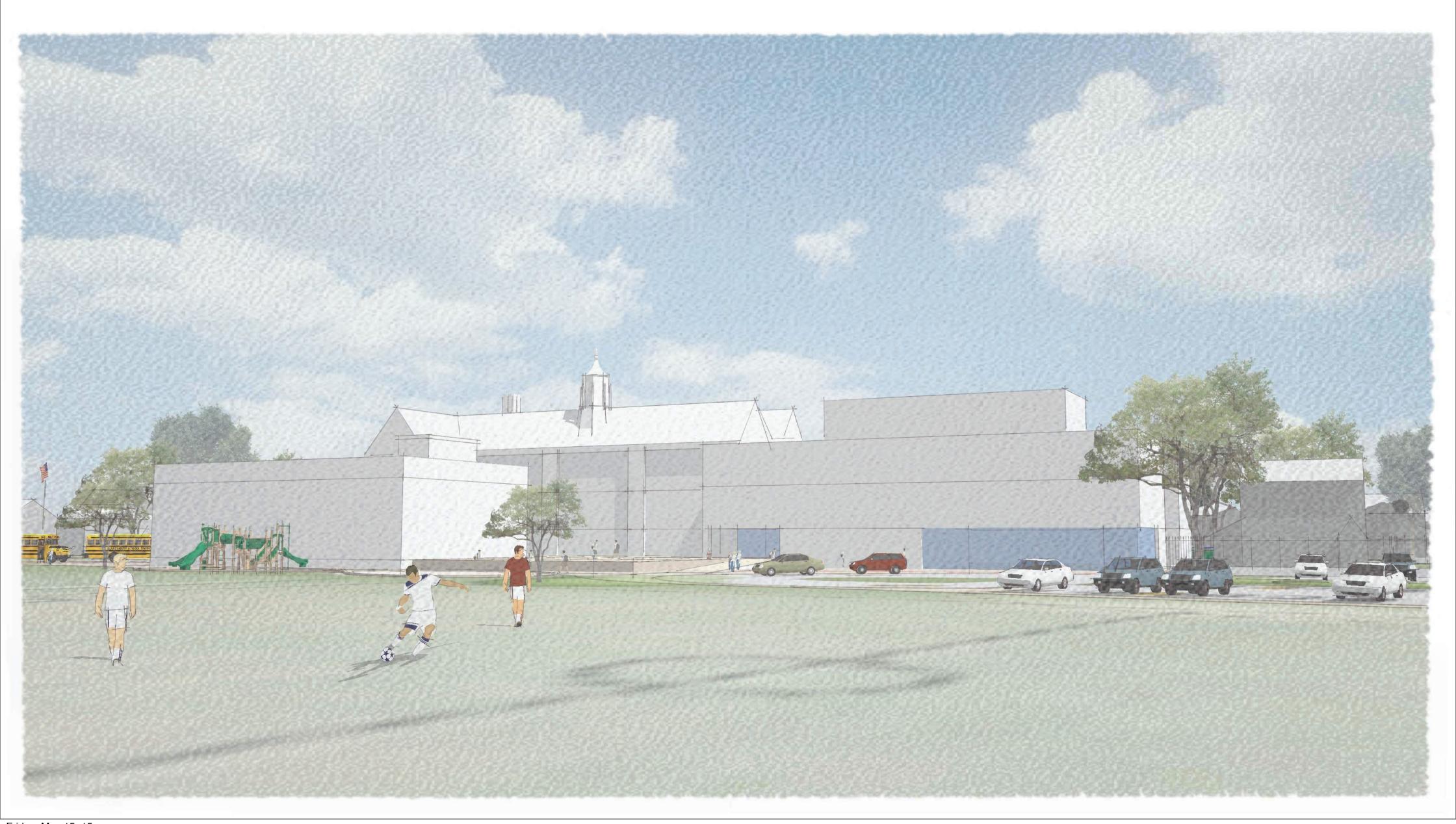
View North on Parkview Ave.



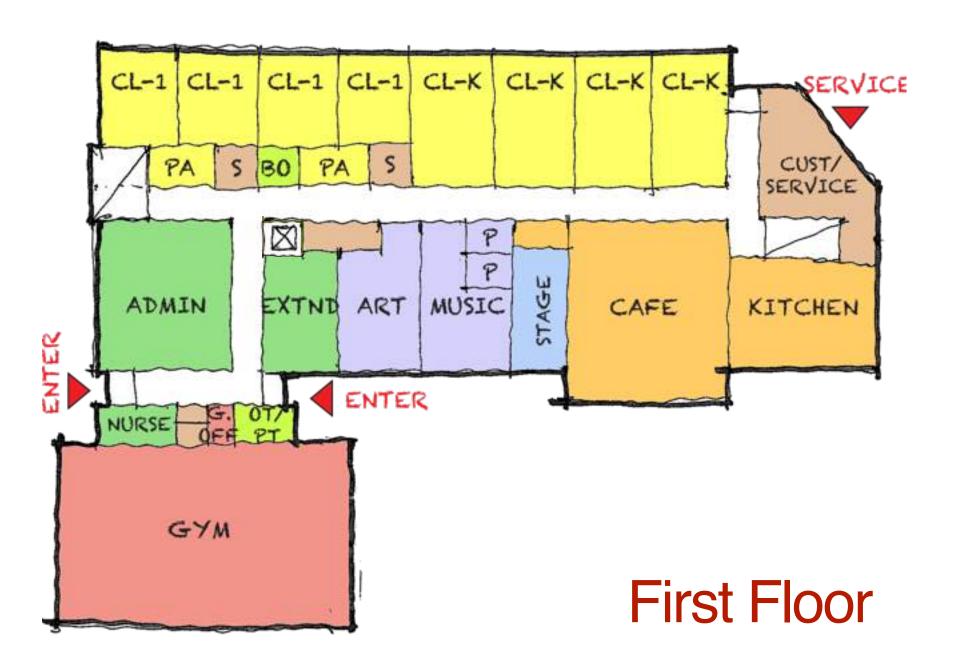
View South on Parkview Ave.

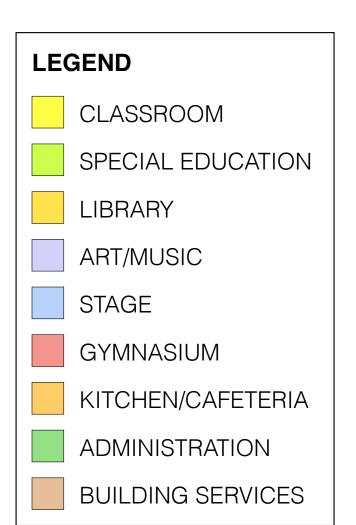


View from Cabot Park

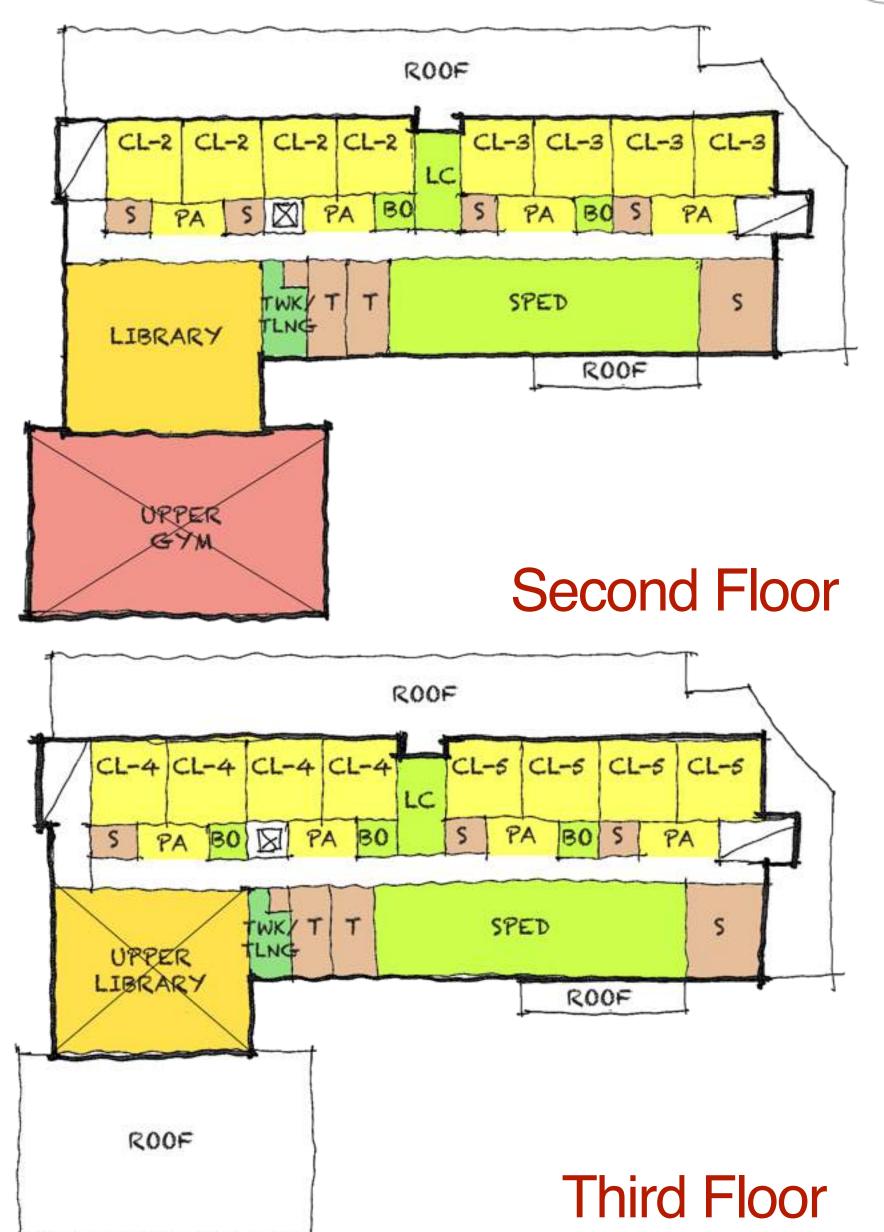


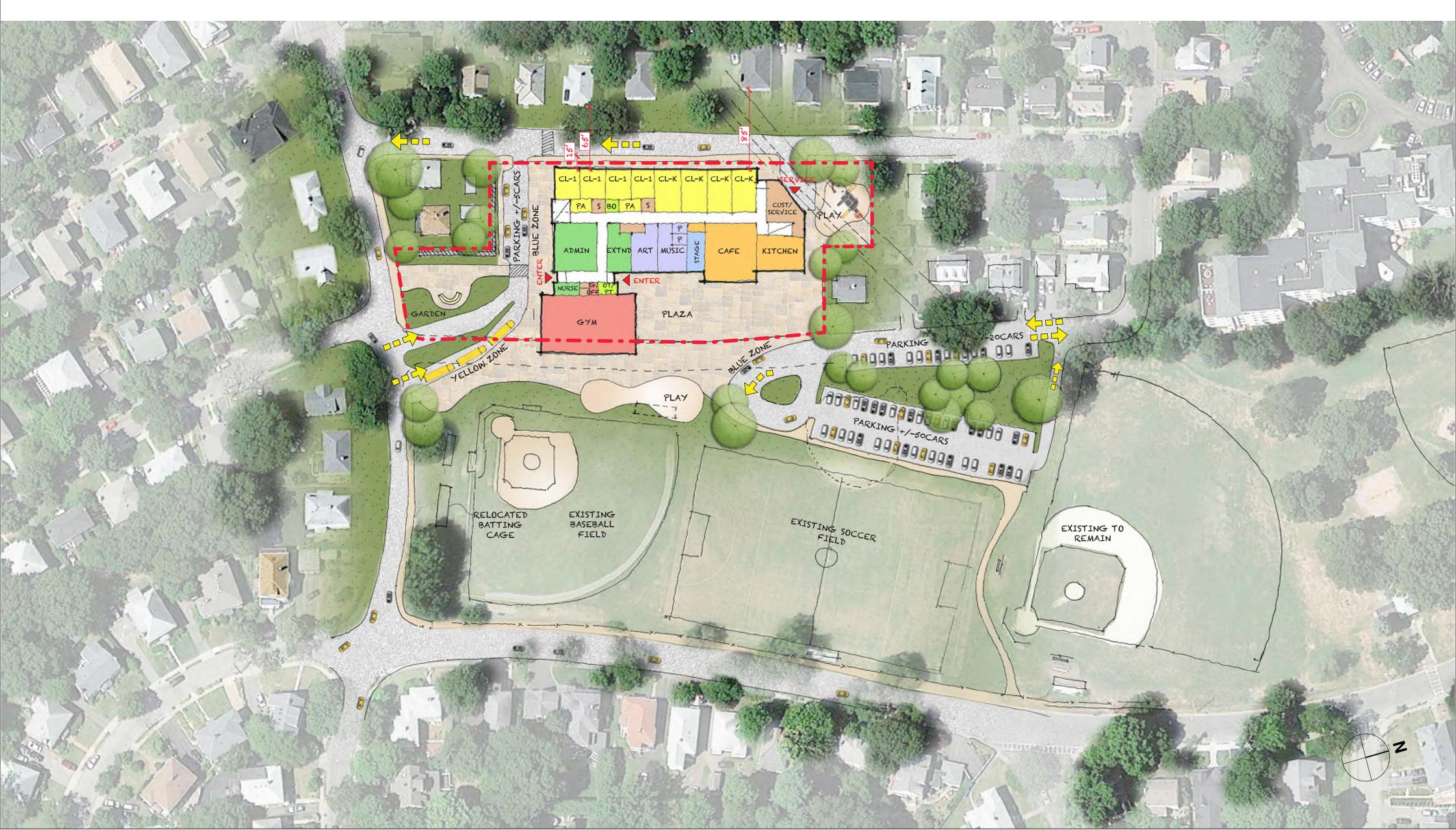






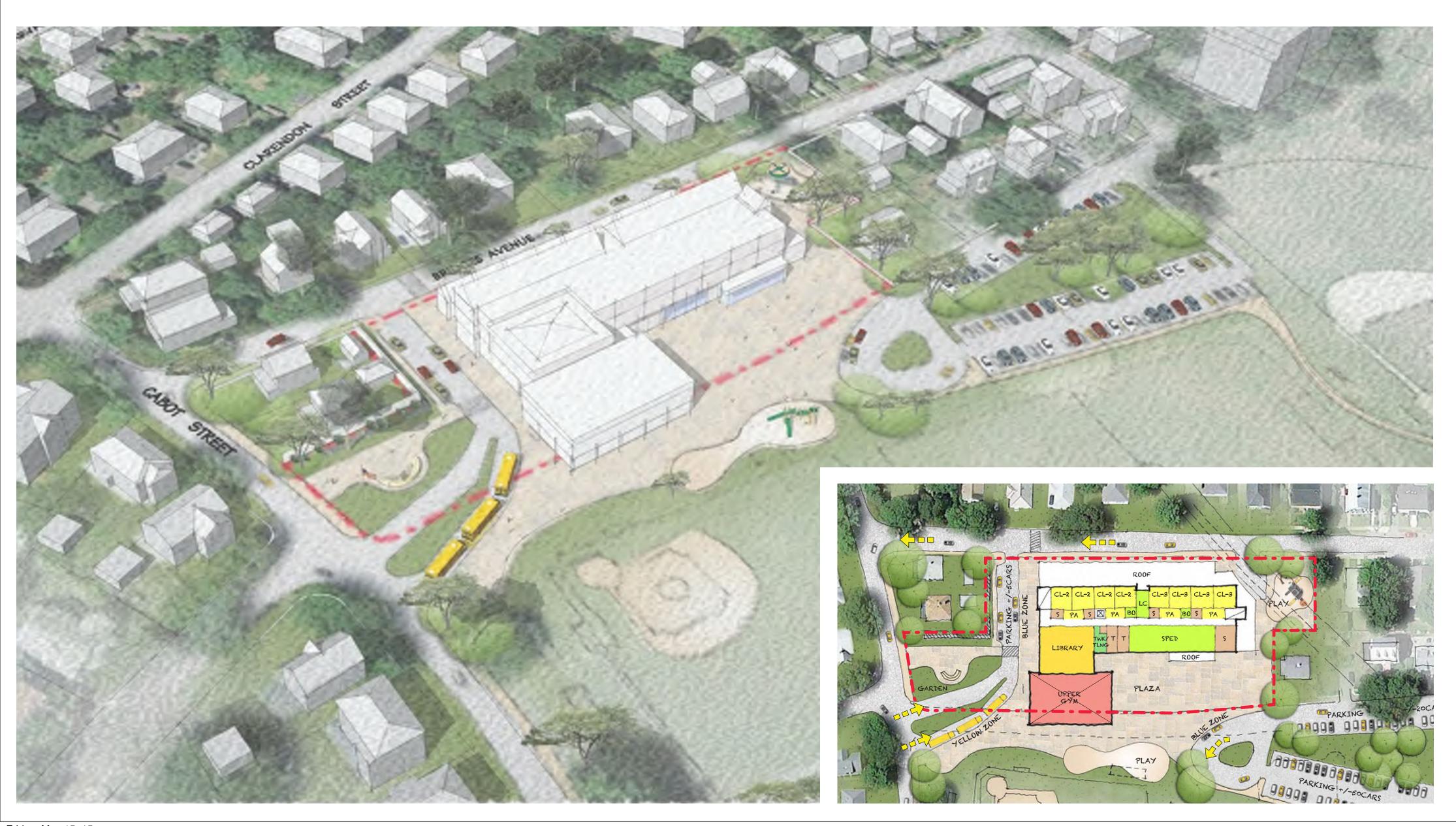
- Variations within scheme will be studied
- Core on ground and second floors.
- Academics on three floors
- Kindergarten + 1st grade **ground floor**
- Gym can be zoned off

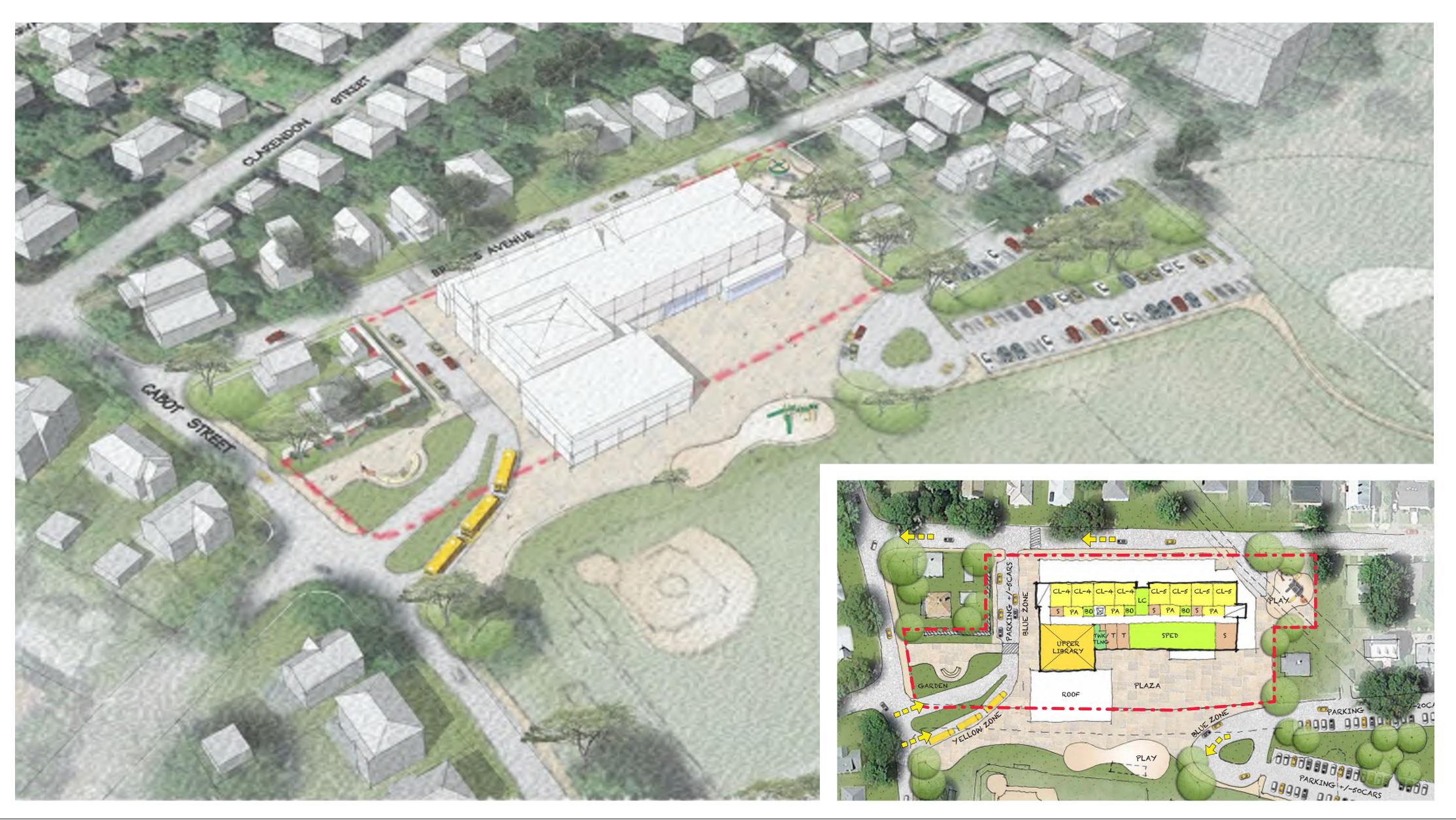












View North on Parkview Ave.



View South on Parkview Ave.





A.4a and B.4 Overview



Renovation / Addition | Option A.4a

New Construction | Option B.4

A.4a and B.4 Overview



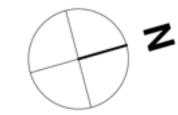


PARKING +/-20CARS PARKING +/-socars
9999 9999999 99 1819 RELOCATED EXISTING SOCCER BASEBALL EXISTING TO

Renovation / Addition | Option A.4a

New Construction | Option B.4

Plan Overview

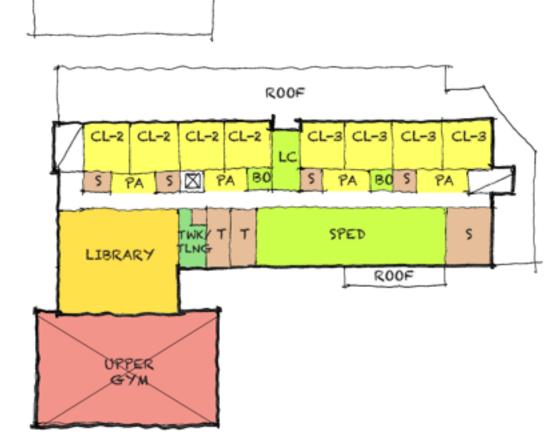




3RD FLOOR

2ND FLOOR

1ST FLOOR



SPED

ROOF

LIBRARY

ROOF



Renovation / Addition | Option A.4a

New Construction I Option B.4

Pros and Cons

Renovation / Addition

Pros	Cons
 Approvals process is more defined and predictable 	 Building construction costs likely higher - even with higher reimbursement (still within budget)
Retains 1929 Cabot School as a community landmark	 Design restrictions imposed by existing structure (program requirements will be met)
 Higher reimbursement rate from MSBA (\$400,000-500,000) 	

New Construction

Potentially less subsurface/environmental mitigation

required and less building demolition

Building construction costs likely lower

Pros	Cons
 Allows for more design flexibility of building interiors	 Massachusetts Historical Commission approvals
and program spaces	process undetermined - may add time and cost
 More flexibility of site design and contiguous open	 Potential for community objections to demolishing
space	1929 Cabot School

Friday, May 15, 15



Cabot School

Board of Aldermen & School Committee Meeting

May 18, 2015





