



ARROWSTREET

LINCOLN-ELIOT ELEMENTARY SCHOOL

SCHOOL BUILDING COMMITTEE MEETING

NEWTON, MA
23 NOVEMBER 2021

PREPARED FOR



David Fleishman,
Superintendent



Ruthanne Fuller,
Mayor



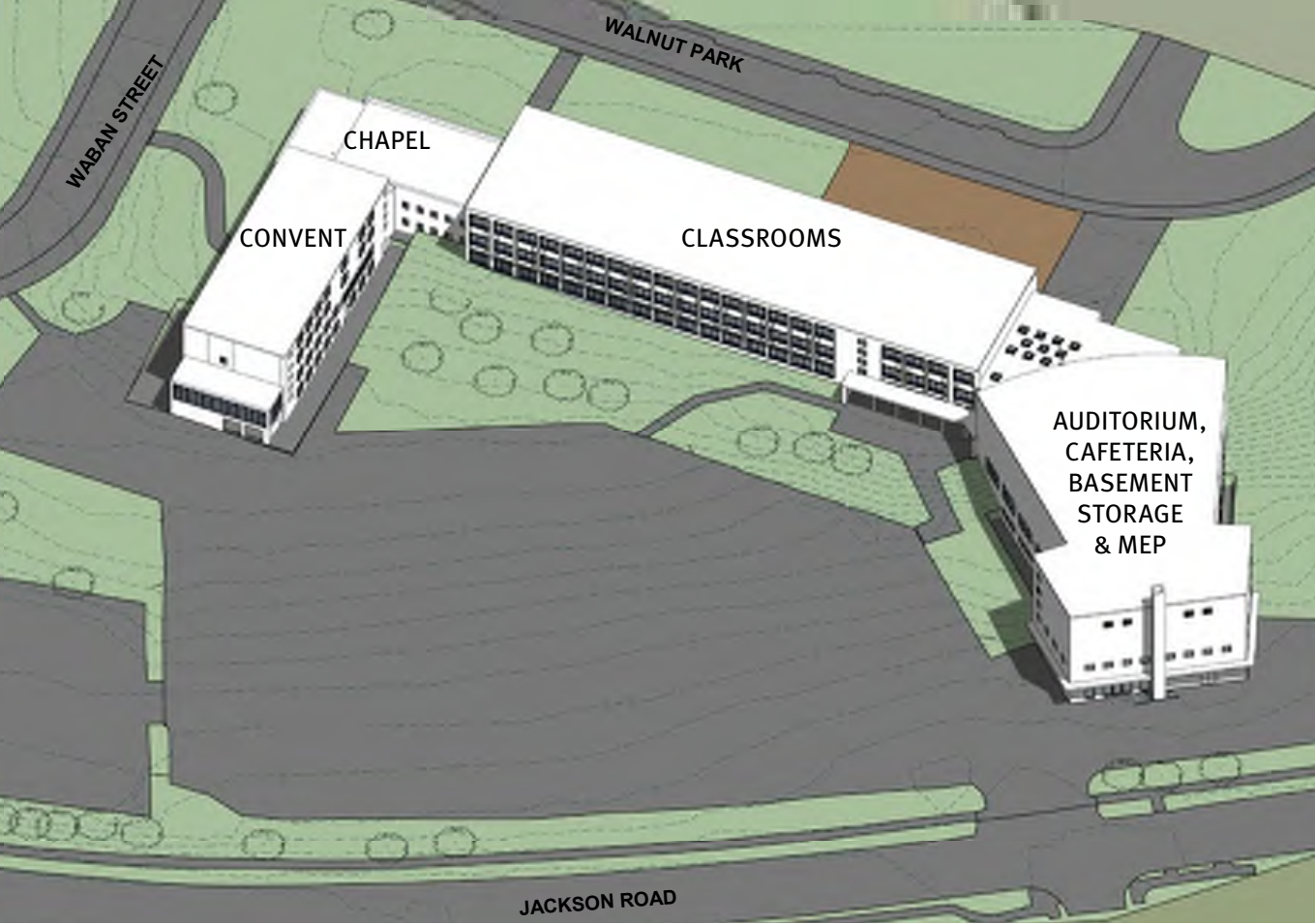
AGENDA /

- 1 EXISTING CONDITION
- 2 ADD / RENO DESIGN OPTIONS WITH UPDATED/NEW OPTIONS
- 3 PROJECT SCHEDULE

150 JACKSON ROAD / NEWTON MA - EXISTING BUILDING

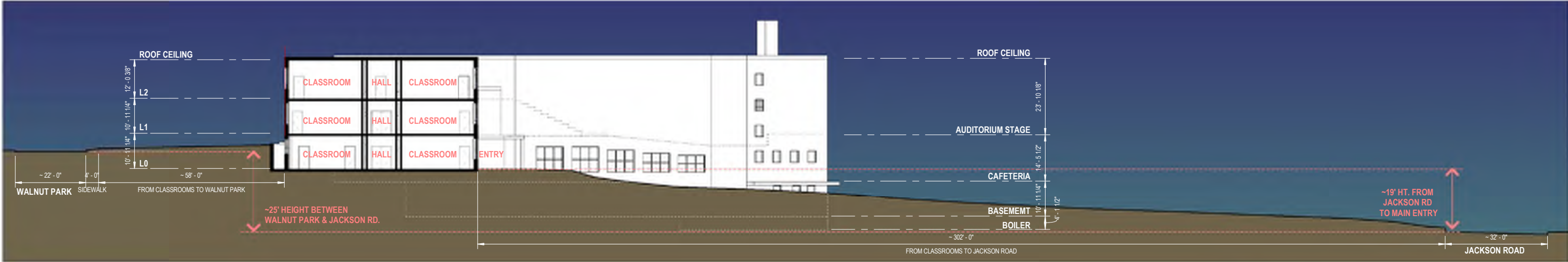


150 JACKSON ROAD / EXISTING CONDITIONS
BUILDING AXONOMETRIC & WEST ELEVATION



150 JACKSON ROAD / EXISTING CONDITIONS

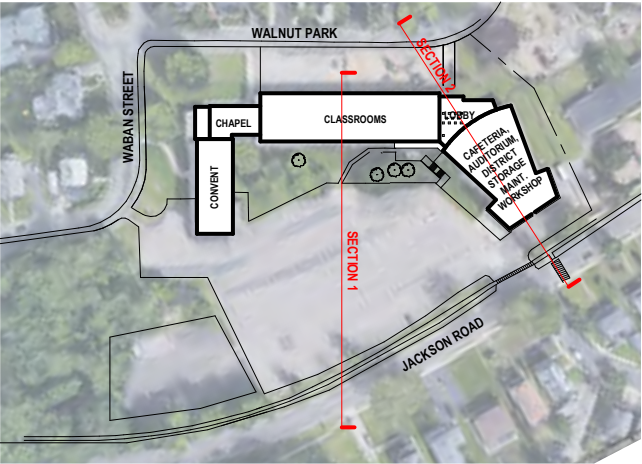
SITE SECTIONS



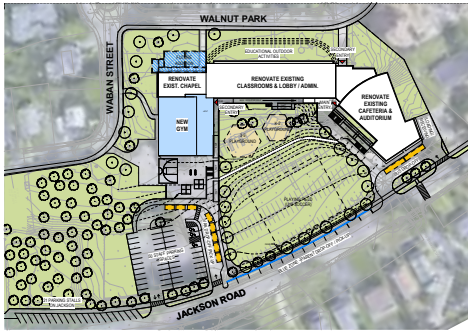
1 SECTION THRU. CLASSROOMS
1/16" = 1'-0"



2 SECTION THRU. BASEMENT / CAFETERIA / AUDITORIUM
1/16" = 1'-0"

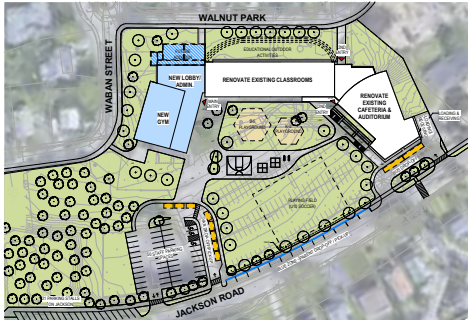


ADDITION/RENOVATION OPTIONS (PREVIOUSLY PRESENTED)



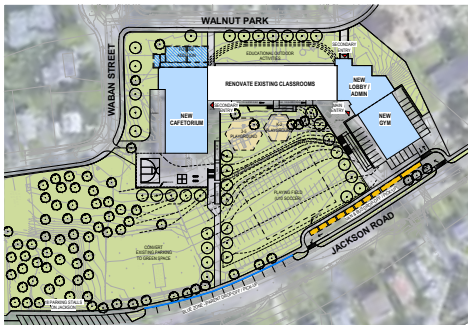
OPTION 1

- » DEMOLISH CONVENT
- » RENOVATE EXISTING
- » ADD NEW GYM, ED. SPACES

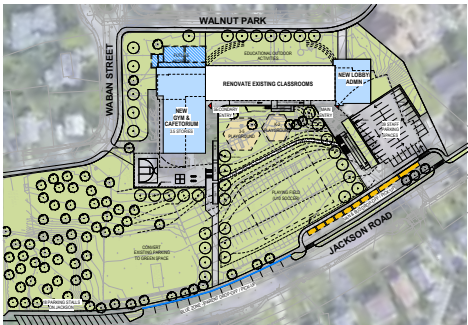


OPTION 2

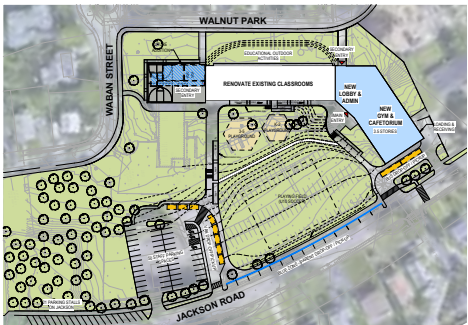
- » DEMOLISH CONVENT & CHAPEL
- » RENOVATE EXISTING
- » ADD NEW GYM, ED. SPACES, MEDIA CENTER & ADMIN. OFFICES



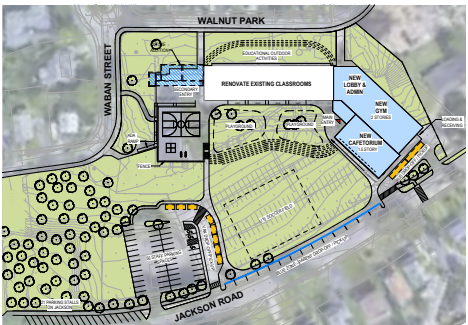
OPTION 3



OPTION 3.B



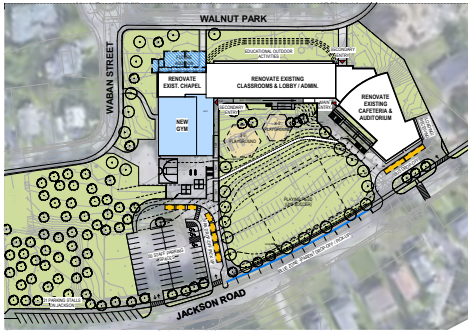
OPTION 3.C



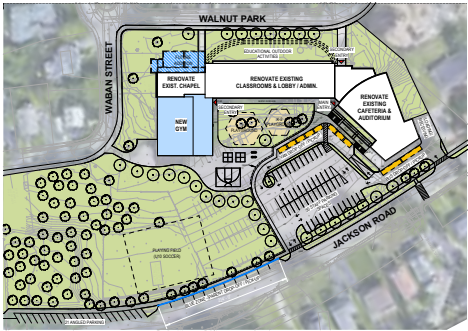
OPTION 3.D

- » DEMOLISH CONVENT, CHAPEL, AUDITORIUM, CAFETERIA, BASEMENT STORAGE
- » RENOVATE EXISTING CLASSROOMS
- » ADD NEW GYM, CAFETORIUM, ADMIN. OFFICES, MEDIA CTR., ED. SPACES

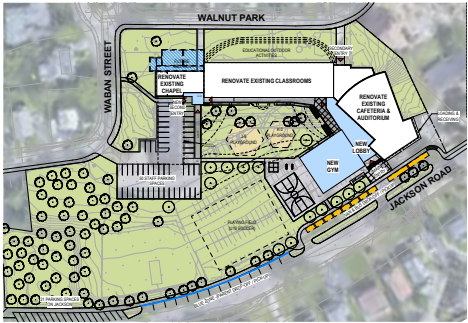
ADDITION/RENOVATION OPTIONS + UPDATED/NEW OPTIONS



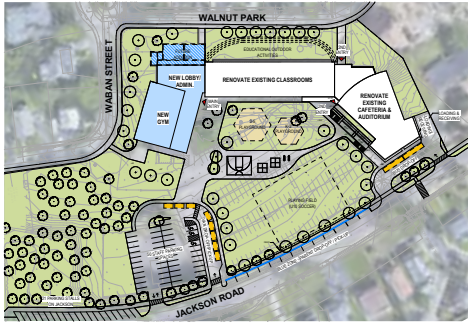
OPTION 1



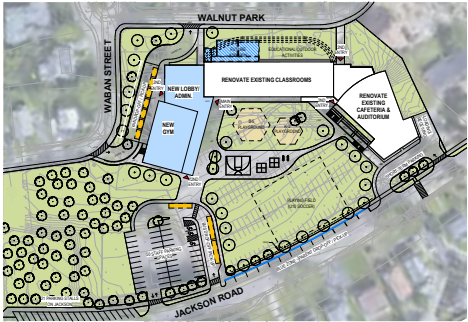
OPTION 1 v2
NEW



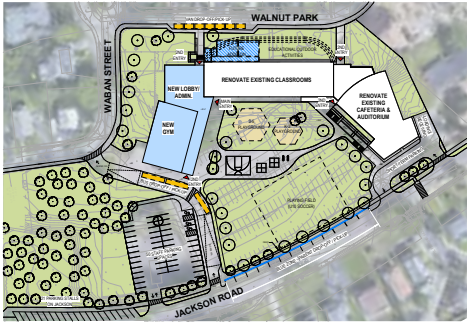
OPTION 1.B
NEW



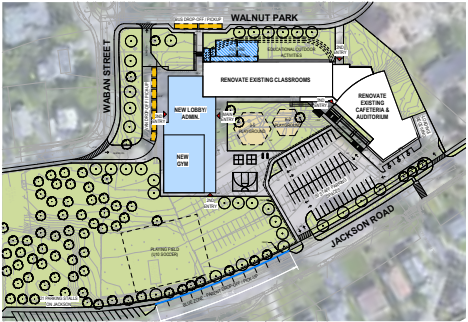
OPTION 2



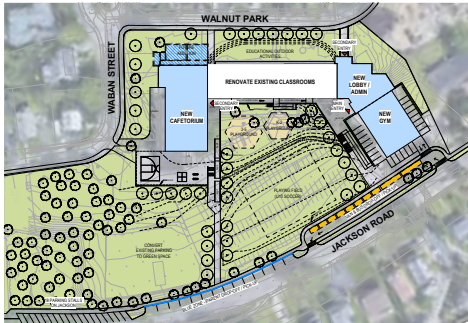
OPTION 2.B
NEW



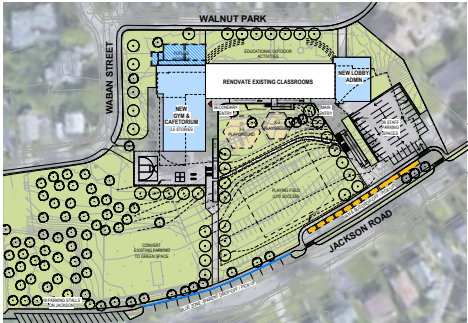
OPTION 2.C
NEW



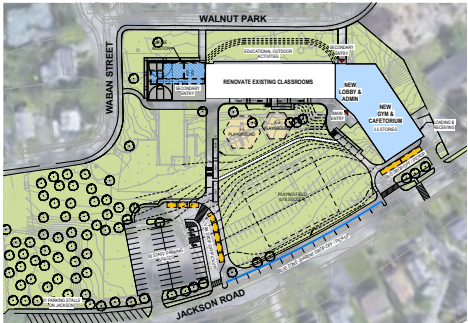
OPTION 2.D
NEW



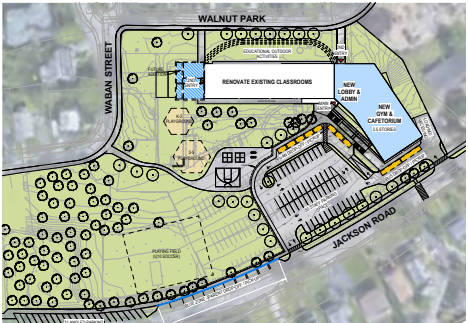
OPTION 3



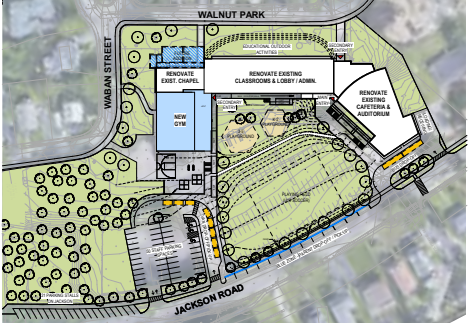
OPTION 3.B



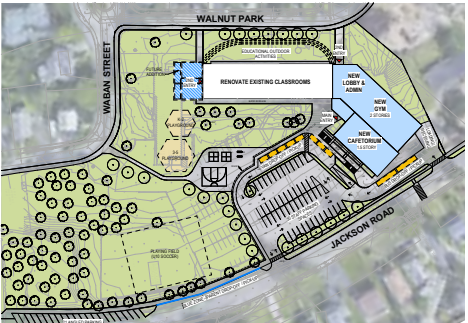
OPTION 3.C



OPTION 3.C v2
NEW



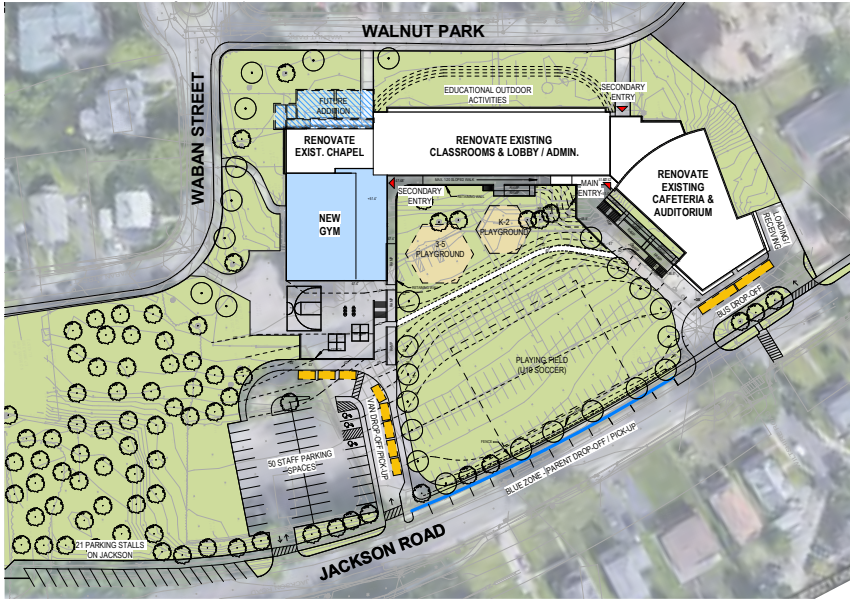
OPTION 3.D



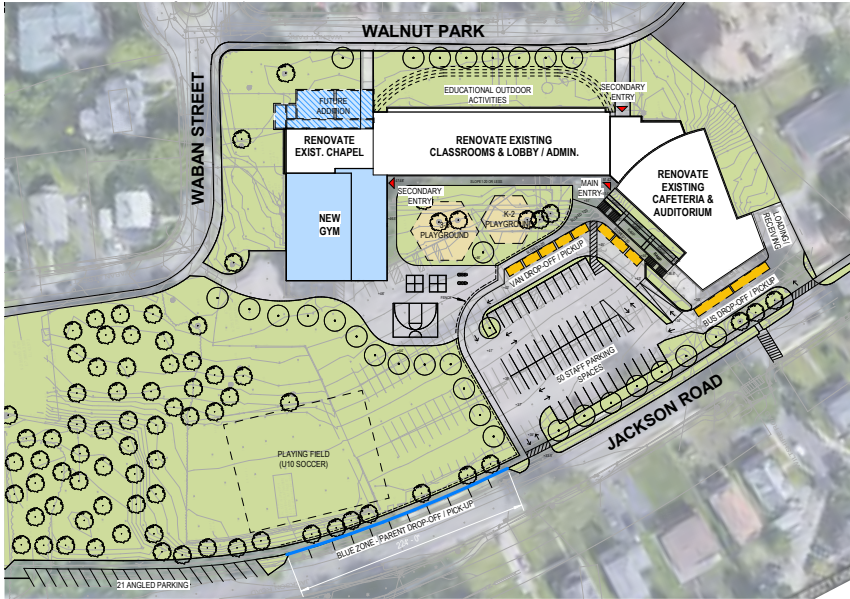
OPTION 3.D v2
NEW

ADDITION/RENOVATION OPTION 1'S

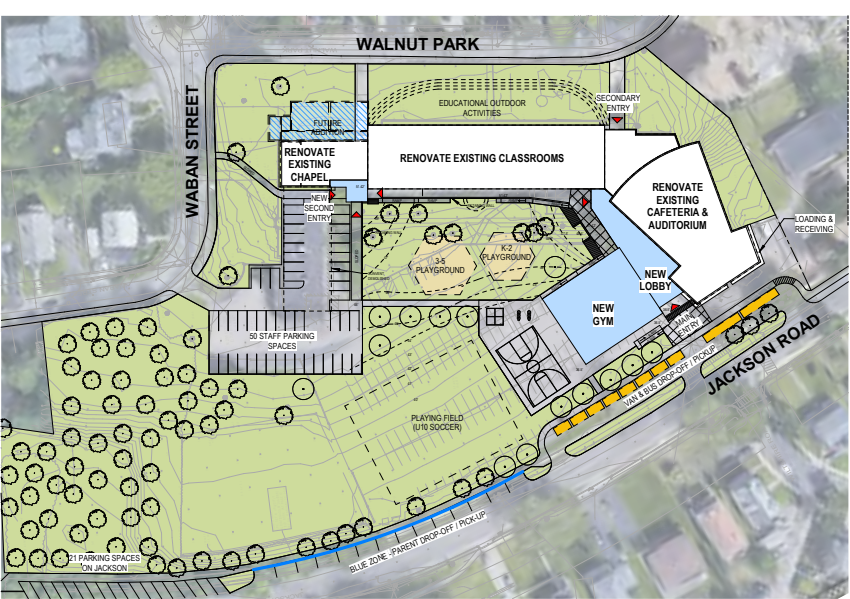
- » DEMOLISH CONVENT
- » RENOVATE EXISTING
- » ADD NEW GYM



OPTION 1

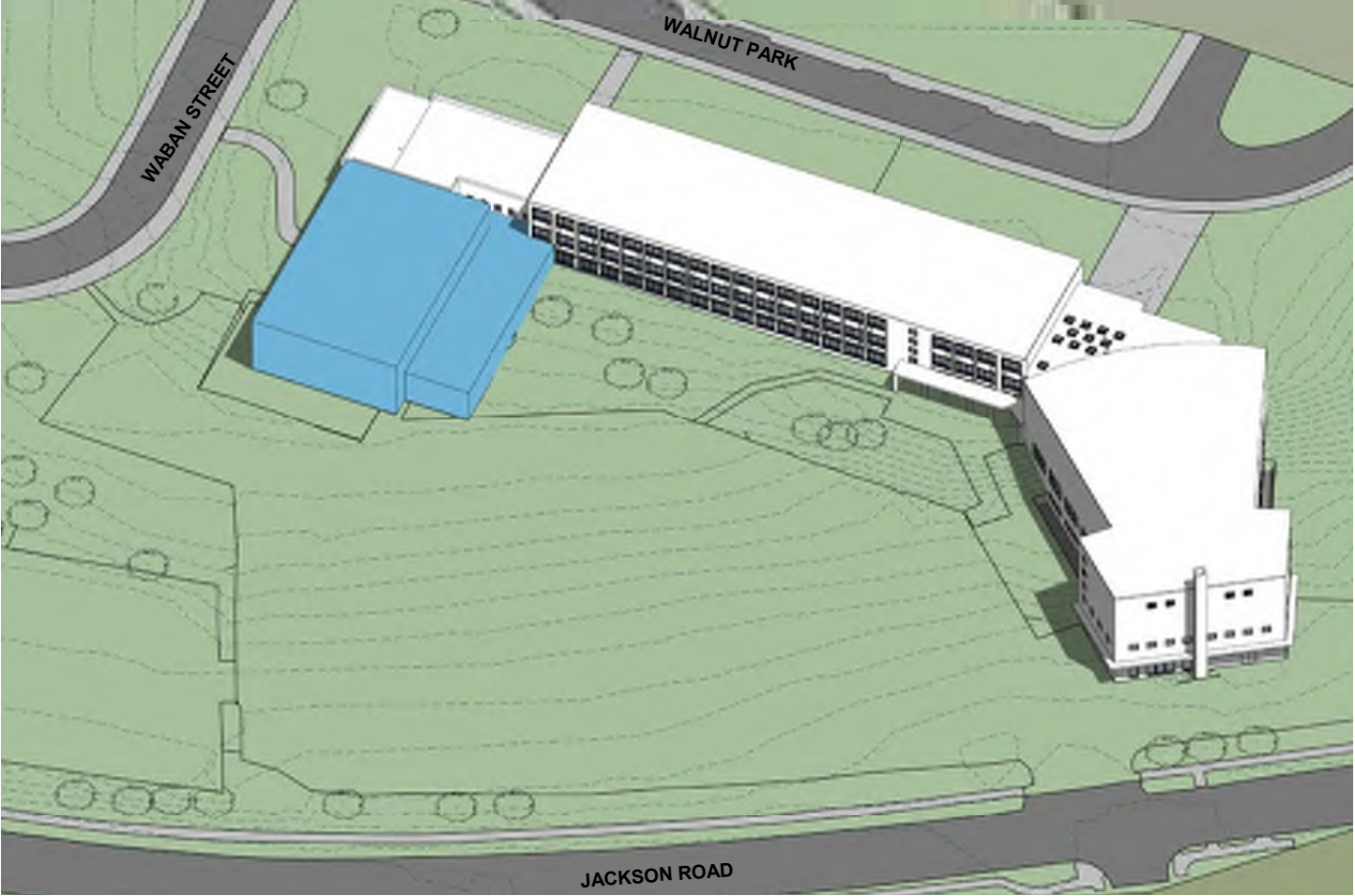


OPTION 1 v2
NEW



OPTION 1.B
NEW

ADDITION/RENOVATION OPTION 1
BUILDING AXONOMETRIC & WEST ELEVATION



ADDITION/RENOVATION OPTION 1



CLASSROOMS:	40,545 SF
CHAPEL:	6,703 SF
CAFETERIA /KITCHEN:	13,453 SF
AUDITORIUM/ PROJ. RM.:	14,487 SF
BASEMENT (STOR./MEP):	8,069 SF

ADDITION:	
GYMNASIUM:	6,300 SF
CLASSROOMS / ADMIN /	
GROSS AREAS:	5,440 SF

TOTAL GROSS AREA:	~94,956 SF
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DEMOLITION:	
CONVENT:	19,095 SF

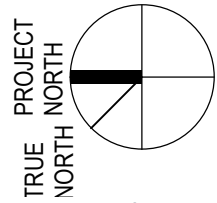
SITE IMPROVEMENTS	~129,000 SF
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PARKING	
ZONING REQUIRES 1 PER STAFF	

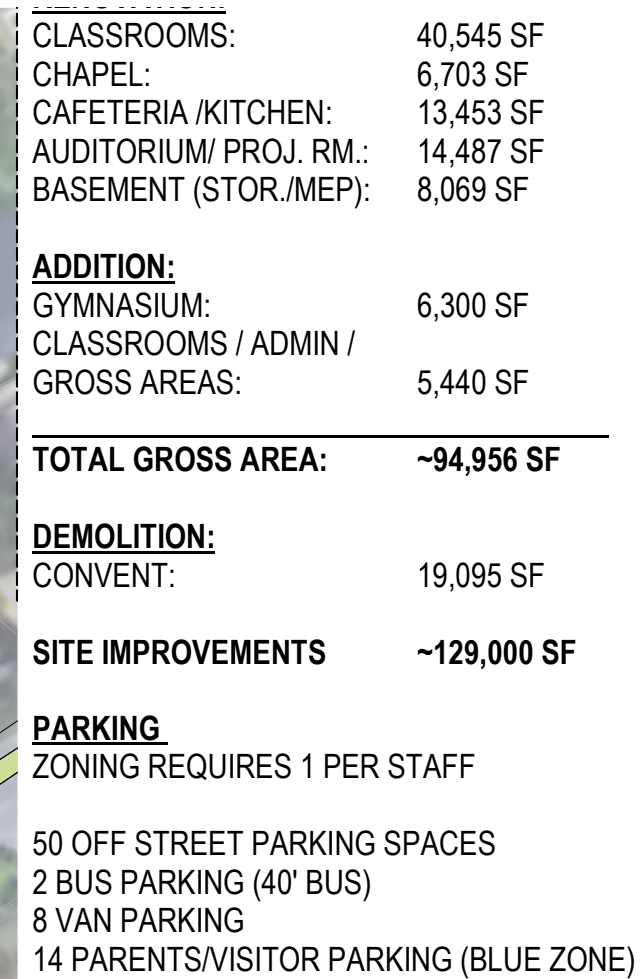
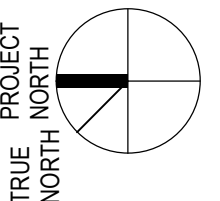
50 OFF STREET PARKING SPACES
2 BUS PARKING (40' BUS)
8 VAN PARKING
14 PARENTS/VISITOR PARKING (BLUE ZONE)

1 SITE PLAN - ADD/RENO #1

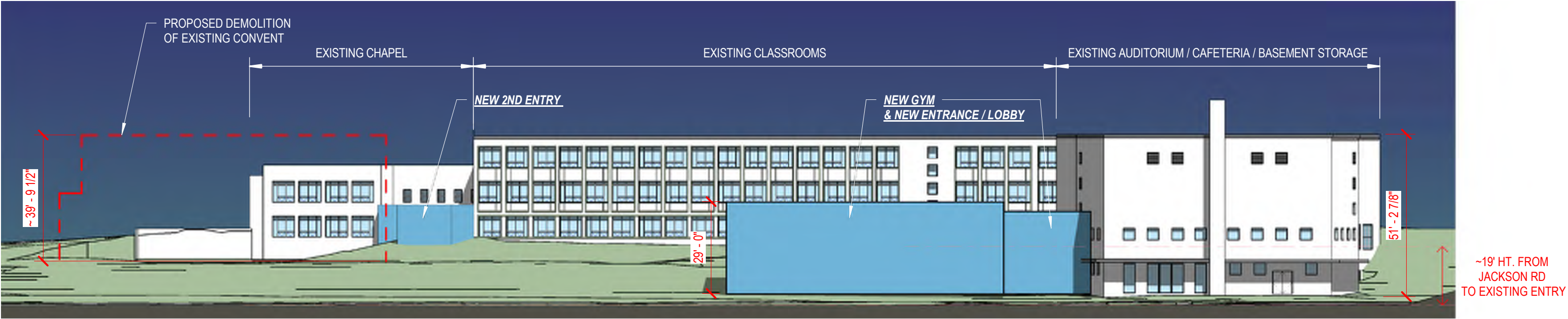
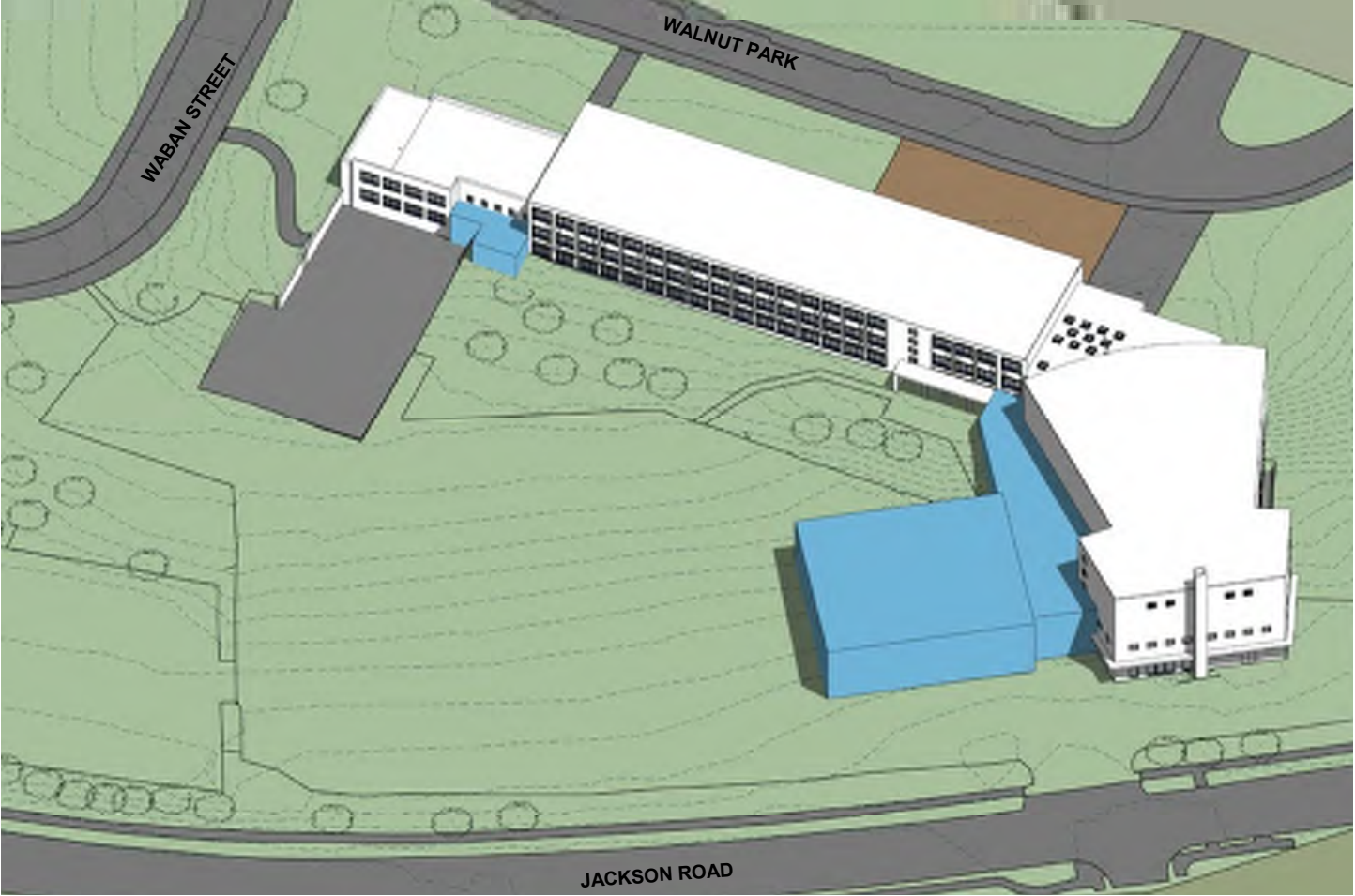
1" = 60'-0"



NEW OPTION

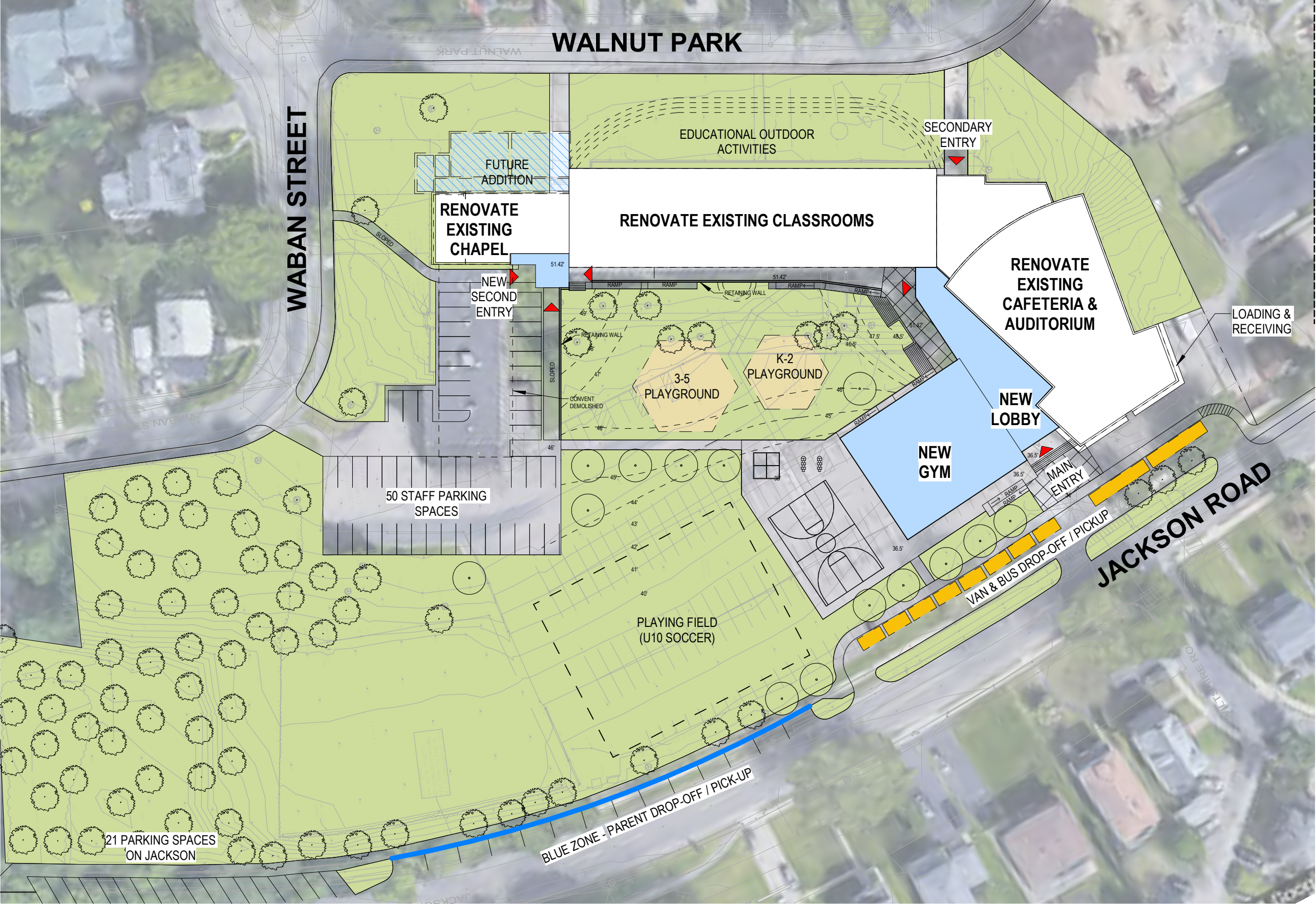

$$1'' = 60'-0''$$


NEW OPTION
ADDITION/RENOVATION OPTION 1.B
BUILDING AXONOMETRIC & WEST ELEVATION



ADDITION/RENOVATION OPTION 1.B

NEW OPTION



RENOVATION:	
CLASSROOMS:	40,545 SF
CHAPEL:	6,703 SF
CAFETERIA / KITCHEN:	13,453 SF
AUDITORIUM/ PROJ. RM.:	14,487 SF
BASEMENT (STOR./MEP):	8,069 SF

ADDITION:	
GYMNASIUM:	6,300 SF
CLASSROOMS / ADMIN / GROSS AREAS:	5,440 SF

TOTAL GROSS AREA: ~94,956 SF

DEMOLITION:	
CONVENT:	19,095 SF

SITE IMPROVEMENTS ~129,000 SF

PARKING
ZONING REQUIRES 1 PER STAFF

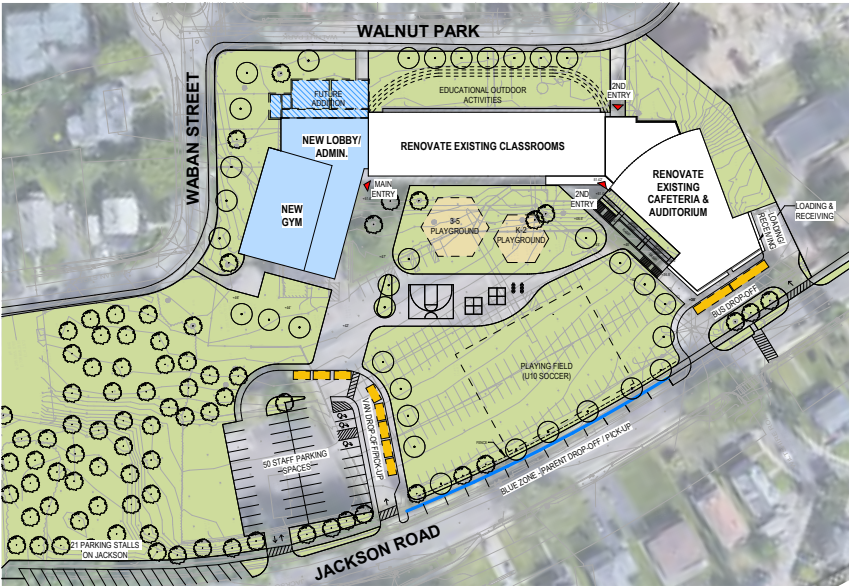
50 OFF STREET PARKING SPACES
2 BUS PARKING (40' BUS)
8 VAN PARKING
14 PARENTS/VISITOR PARKING (BLUE ZONE)

1 SITE PLAN - ADD/RENO #1.B

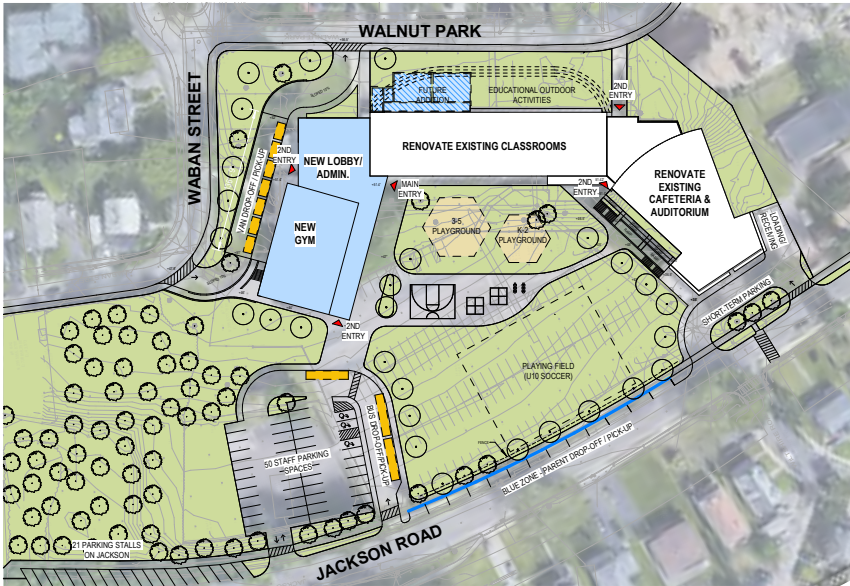
1" = 60'-0"

ADDITION/RENOVATION OPTION 2'S

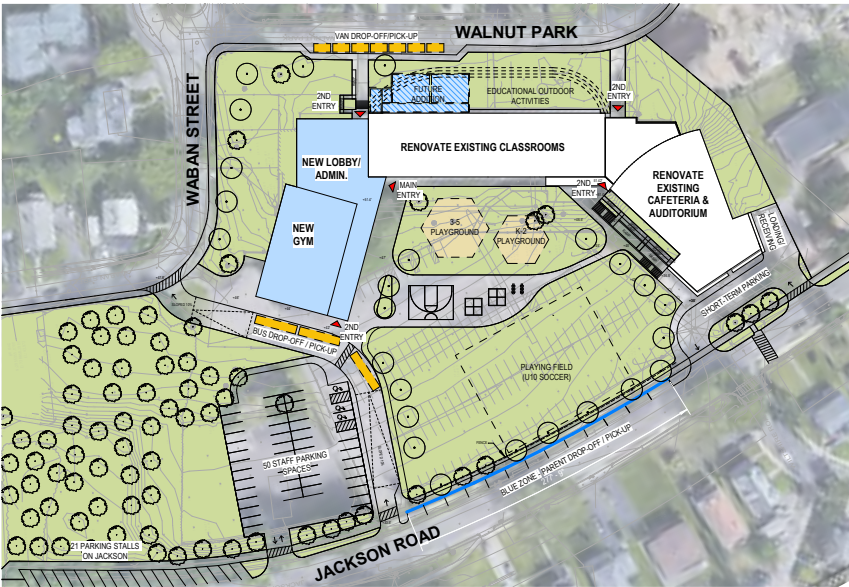
- » DEMOLISH CONVENT & CHAPEL
- » RENOVATE EXISTING
- » ADD NEW GYM, MEDIA CENTER & ADMIN. OFFICES



OPTION 2



OPTION 2.B
NEW

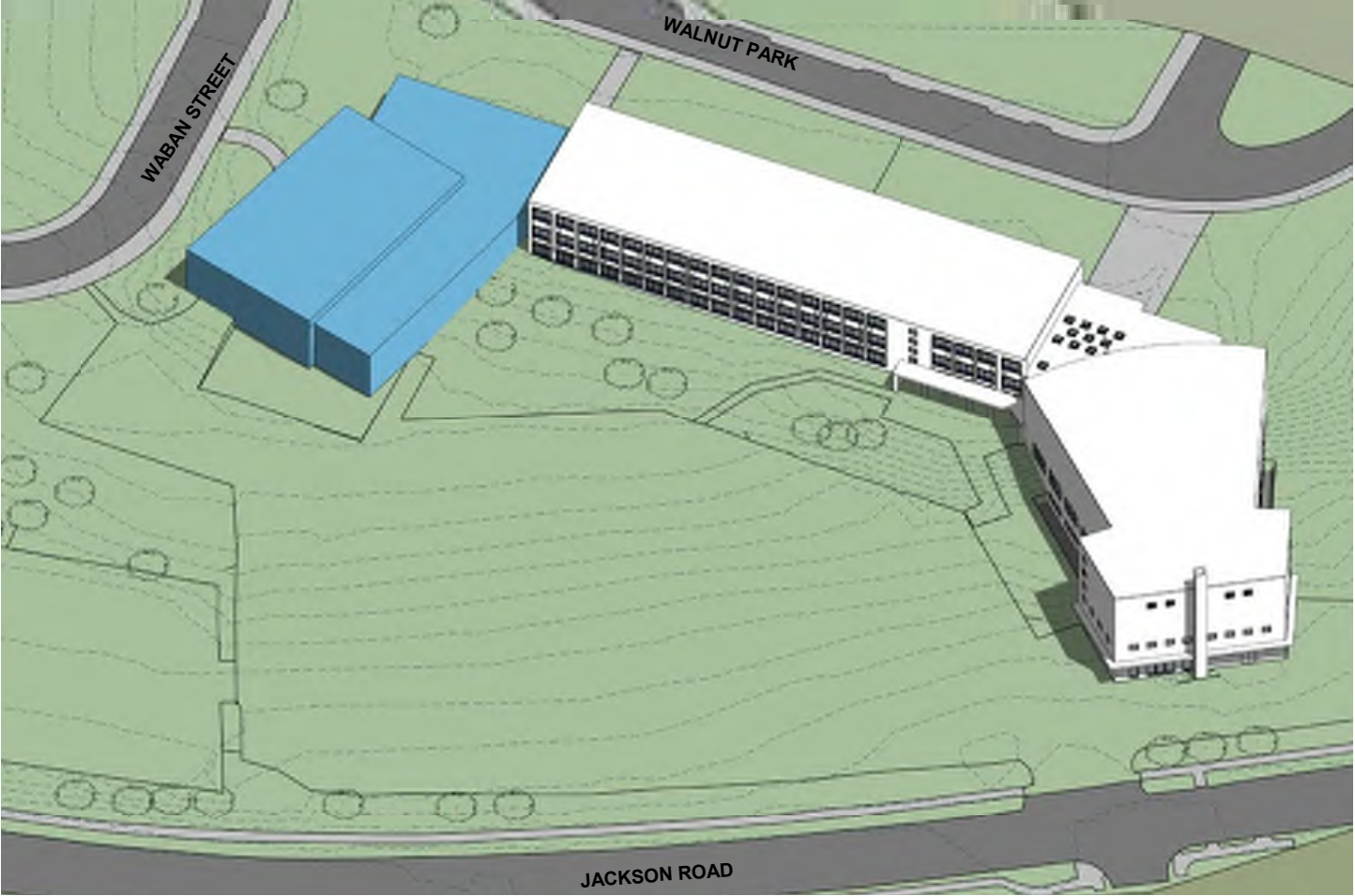


OPTION 2.C
NEW



OPTION 2.D
NEW

ADDITION/RENOVATION OPTION 2
BUILDING AXONOMETRIC & WEST ELEVATION

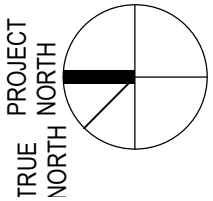


ADDITION/RENOVATION OPTION 2

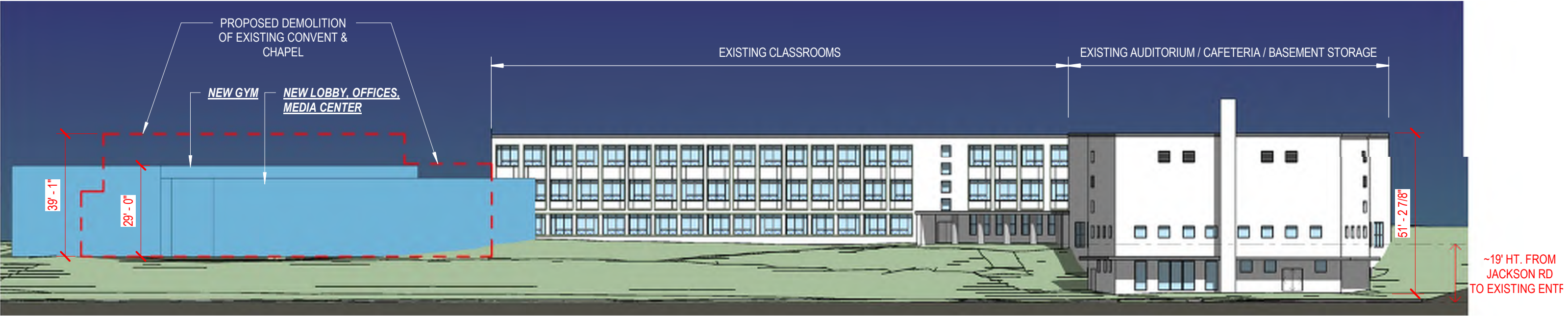
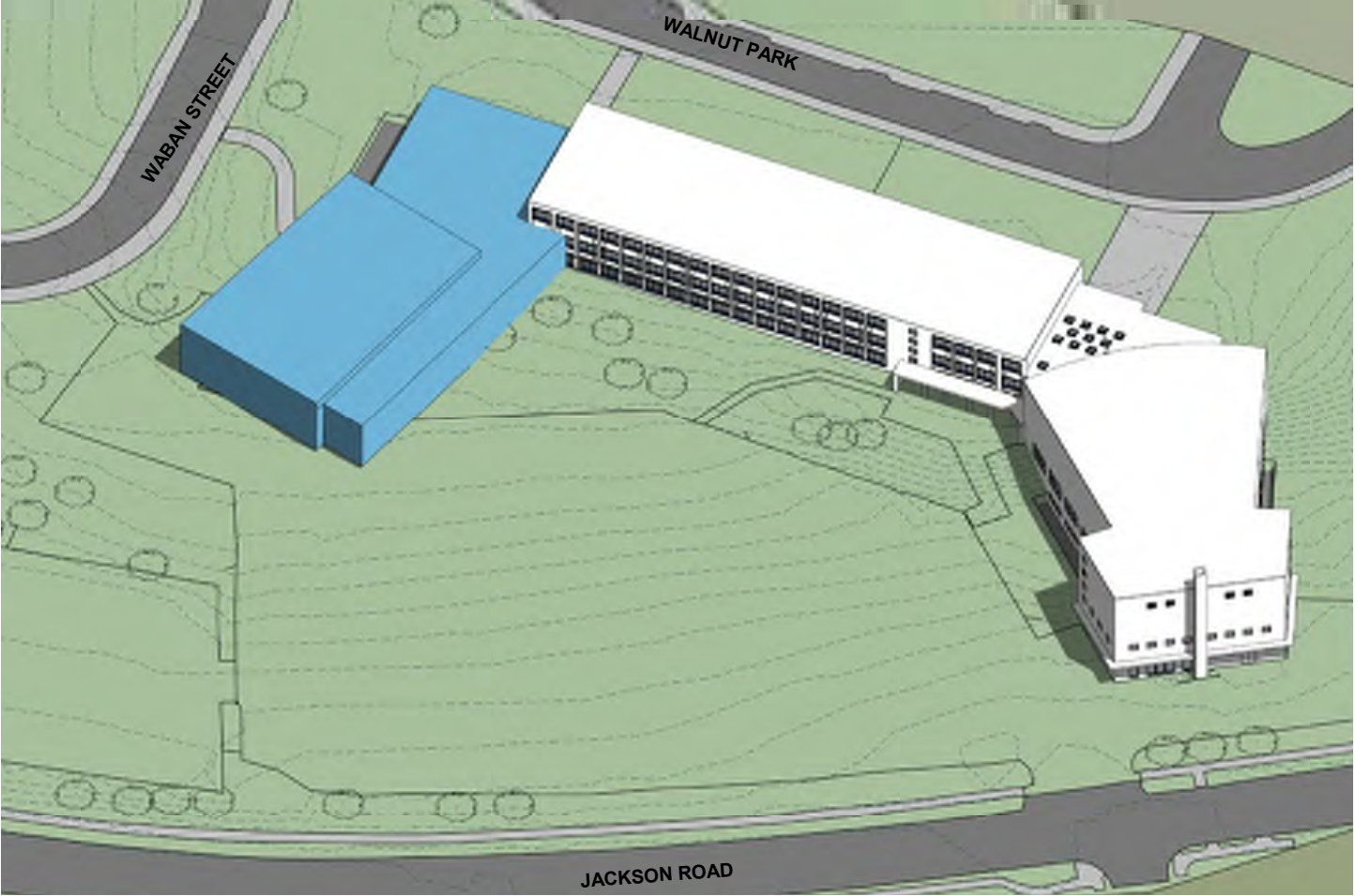


1 SITE PLAN - ADD/RENO #2

1" = 60'-0"



NEW OPTION
ADDITION/RENOVATION OPTION 2B & 2C
BUILDING AXONOMETRIC & WEST ELEVATION



ADDITION/RENOVATION OPTION 2B

NEW OPTION



RENOVATION:	
CLASSROOMS:	40,545 SF
CAFETERIA /KITCHEN:	13,453 SF
AUDITORIUM/ PROJ. RM.:	14,487 SF
BASEMENT (STOR./MEP):	8,069 SF

ADDITION:	
GYMNASIUM:	6,300 SF
CLASSROOMS / ADMIN /	
GROSS AREAS:	13,055 SF

TOTAL GROSS AREA:	~95,868 SF
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DEMOLITION:	
CONVENT, CHAPEL:	25,789 SF

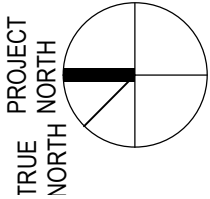
SITE IMPROVEMENTS	~129,000 SF
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PARKING	
ZONING REQUIRES 1 PER STAFF	
50 OFF STREET PARKING SPACES	
2 BUS PARKING (40' BUS)	
8 VAN PARKING	
14 PARENTS/VISITOR PARKING (BLUE ZONE)	

1

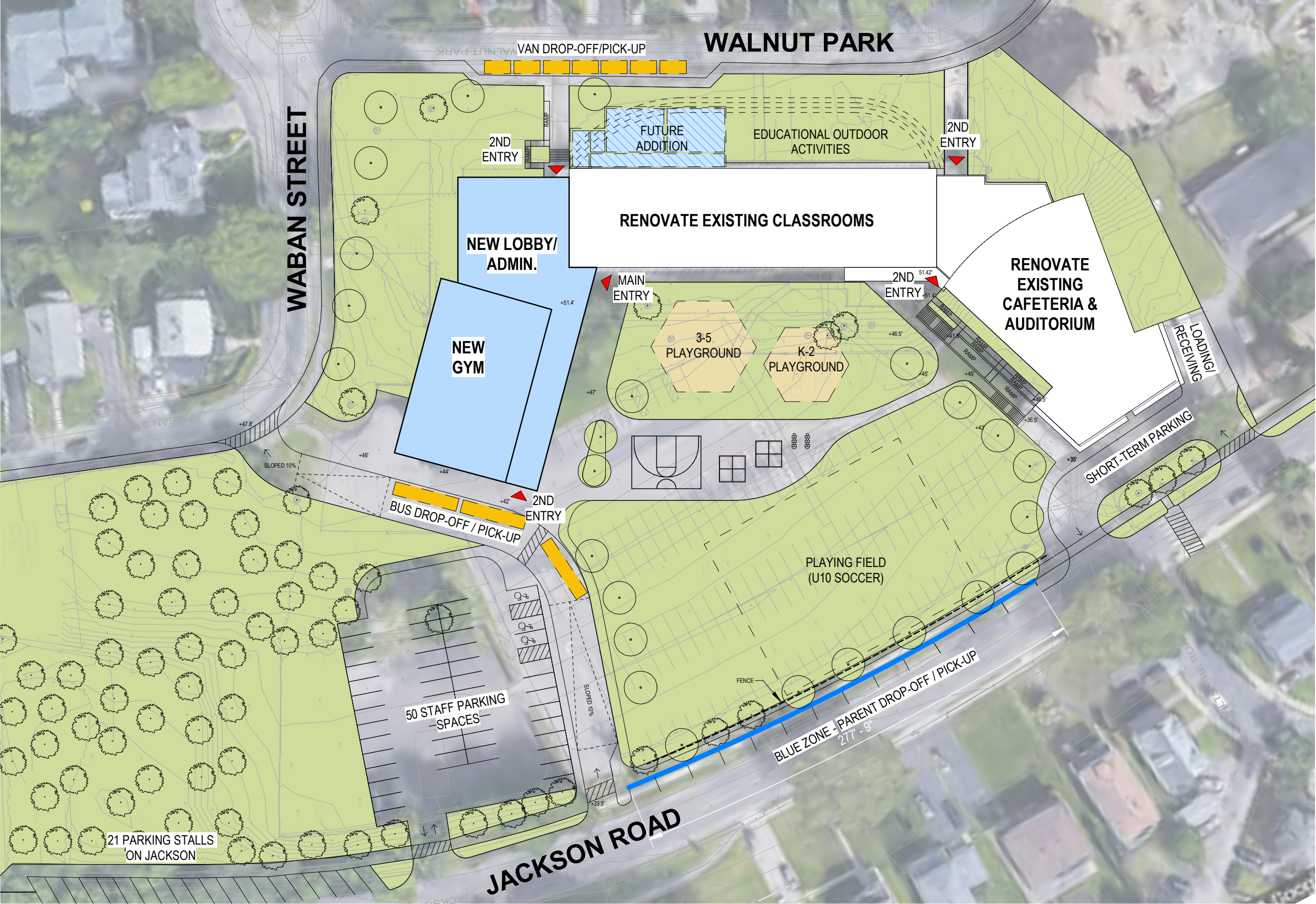
SITE PLAN - ADD/RENO #2.B

1" = 60'-0"



ADDITION/RENOVATION OPTION 2C

NEW OPTION



RENOVATION:	
CLASSROOMS:	40,545 SF
CAFETERIA /KITCHEN:	13,453 SF
AUDITORIUM/ PROJ. RM.:	14,487 SF
BASEMENT (STOR./MEP):	8,069 SF

ADDITION:	
GYMNASIUM:	6,300 SF
CLASSROOMS / ADMIN /	
GROSS AREAS:	13,055 SF

TOTAL GROSS AREA:	~95,868 SF
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DEMOLITION:	
CONVENT, CHAPEL:	25,789 SF

SITE IMPROVEMENTS	~129,000 SF
--------------------------	--------------------

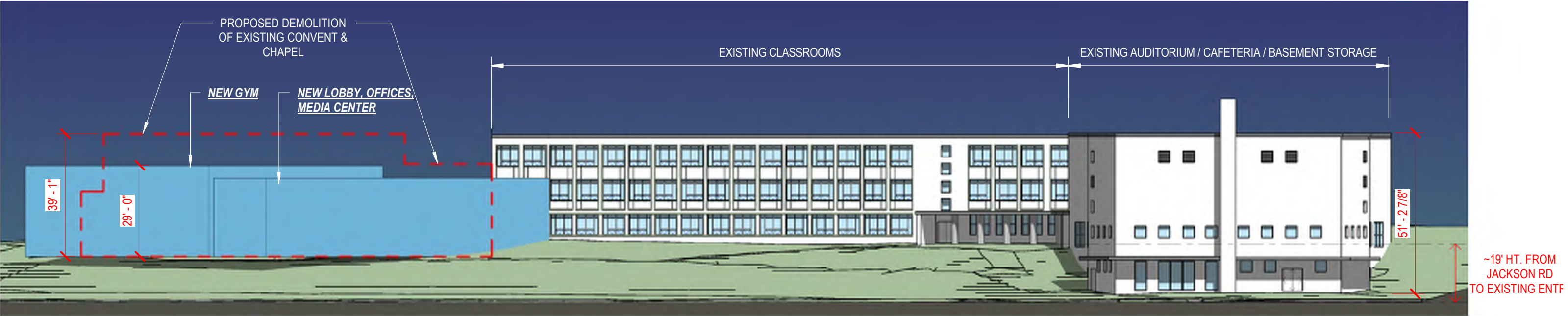
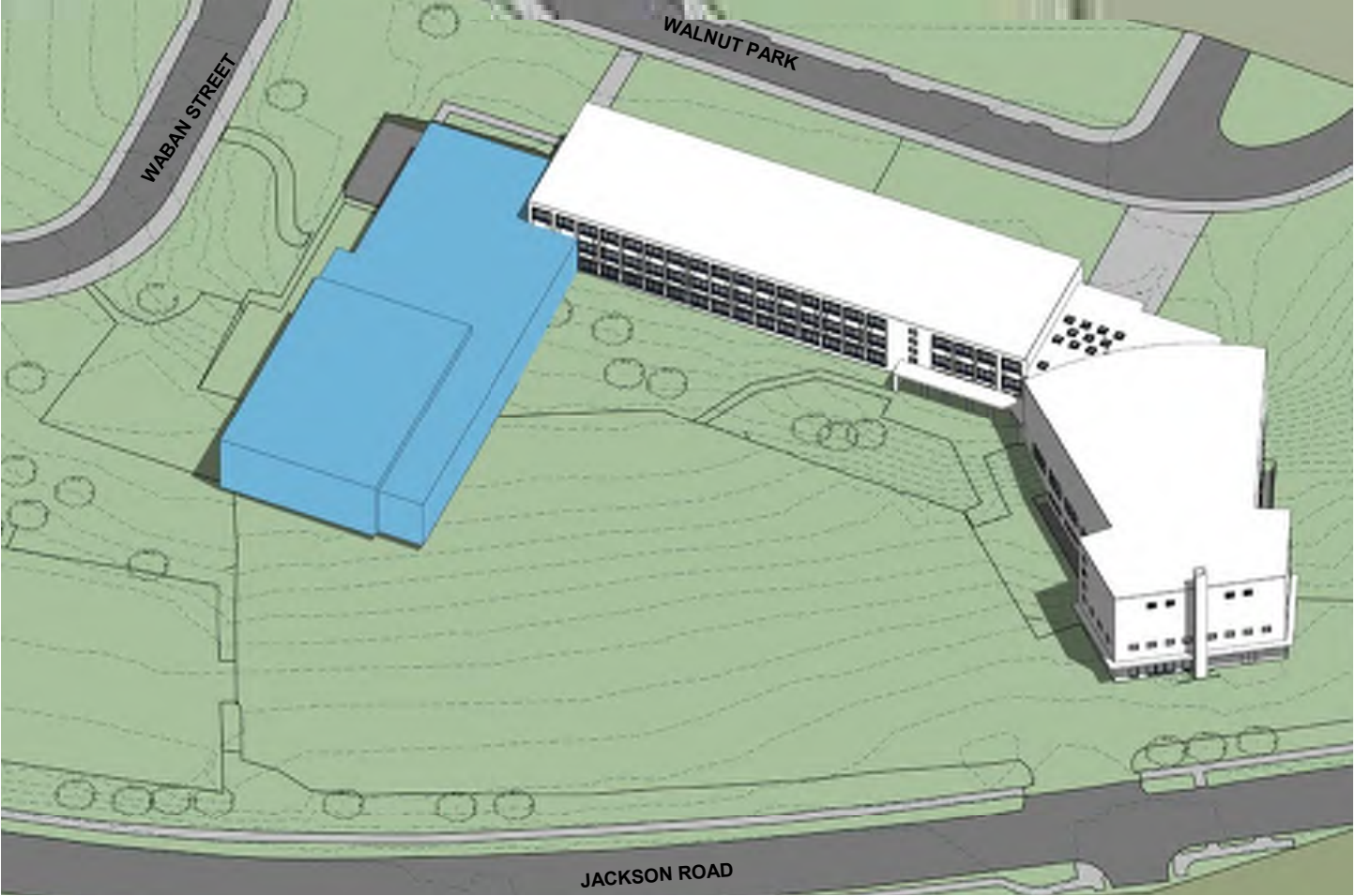
PARKING	
ZONING REQUIRES 1 PER STAFF	
50 OFF STREET PARKING SPACES	
2 BUS PARKING (40' BUS)	
8 VAN PARKING	
14 PARENTS/VISITOR PARKING (BLUE ZONE)	

1

SITE PLAN - ADD/RENO #2.C

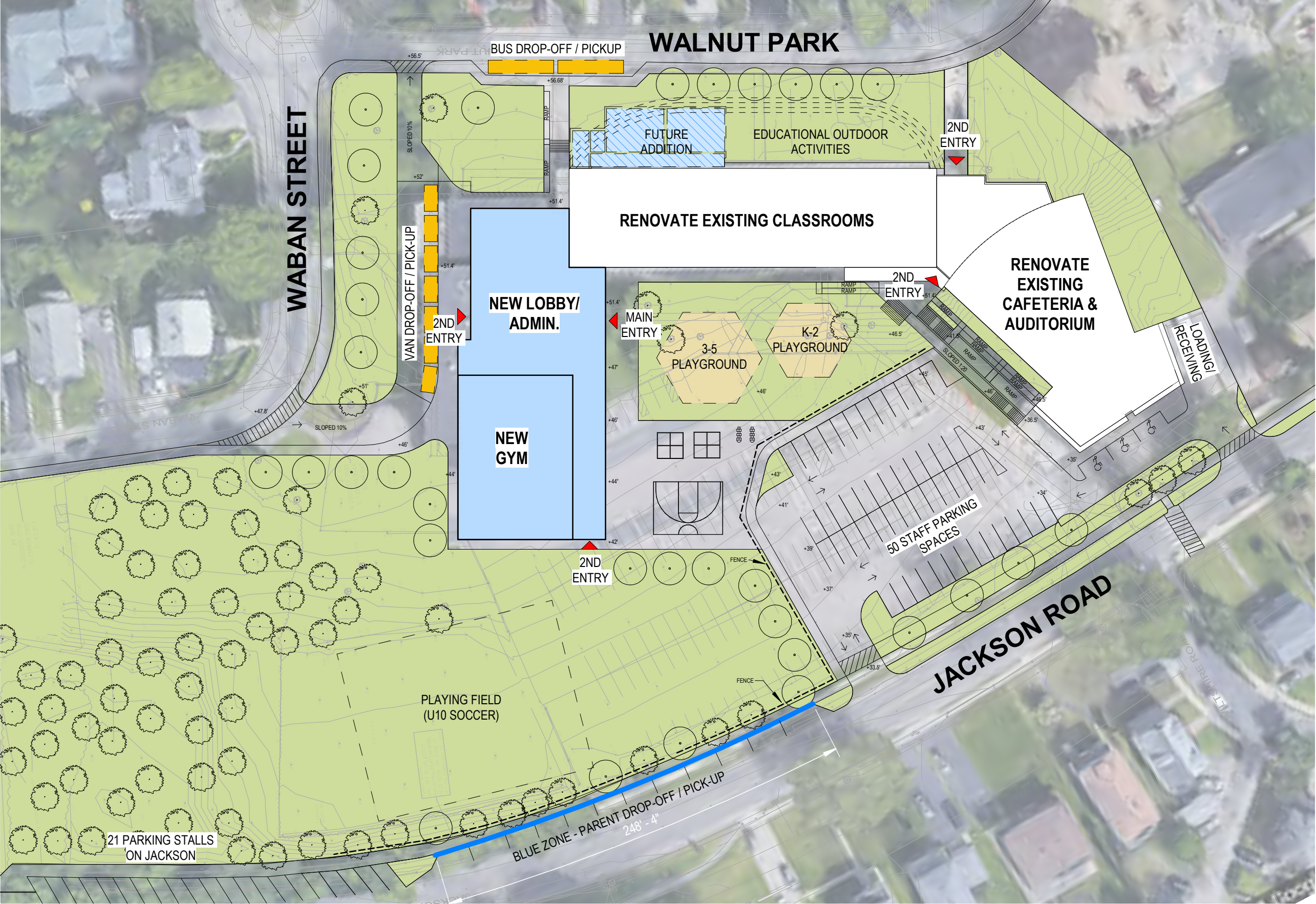
1" = 60'-0"

NEW OPTION
ADDITION/RENOVATION OPTION 2D
BUILDING AXONOMETRIC & WEST ELEVATION



ADDITION/RENOVATION OPTION 2D

NEW OPTION



RENOVATION:	
CLASSROOMS:	40,545 SF
CAFETERIA /KITCHEN:	13,453 SF
AUDITORIUM/ PROJ. RM.:	14,487 SF
BASEMENT (STOR./MEP):	8,069 SF

ADDITION:	
GYMNASIUM:	6,300 SF
CLASSROOMS / ADMIN /	
GROSS AREAS:	13,055 SF

TOTAL GROSS AREA: ~95,868 SF

DEMOLITION:	
CONVENT, CHAPEL:	25,789 SF

SITE IMPROVEMENTS ~129,000 SF

PARKING
ZONING REQUIRES 1 PER STAFF

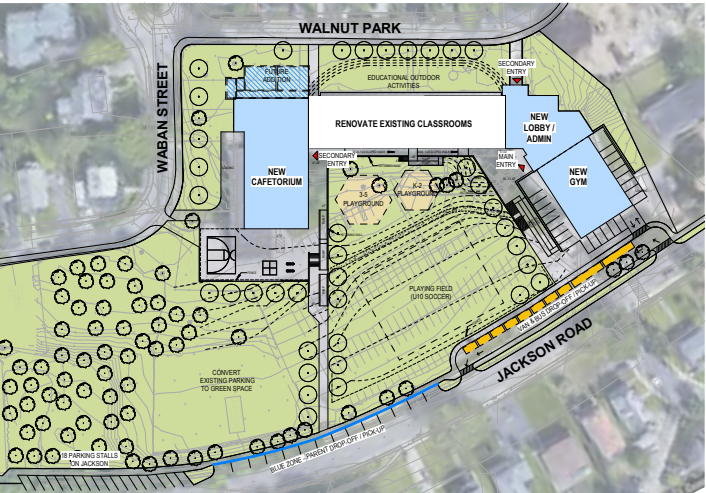
50 OFF STREET PARKING SPACES
2 BUS PARKING (40' BUS)
8 VAN PARKING
14 PARENTS/VISITOR PARKING (BLUE ZONE)

1 SITE PLAN - ADD/RENO #2.D

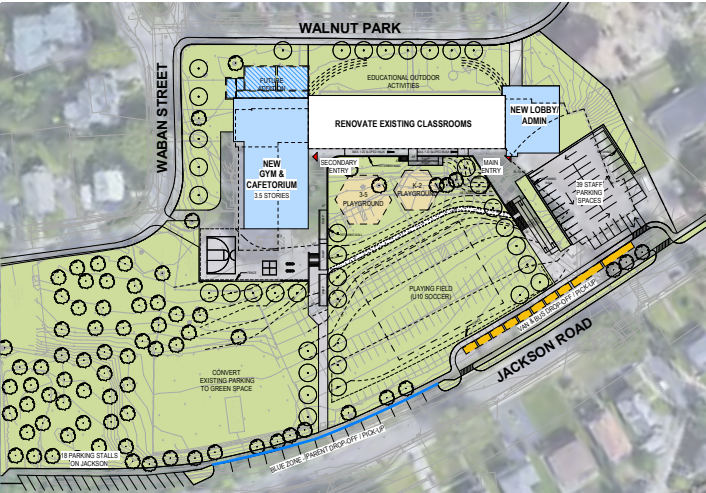
1" = 60'-0"

ADDITION/RENOVATION OPTION 3'S

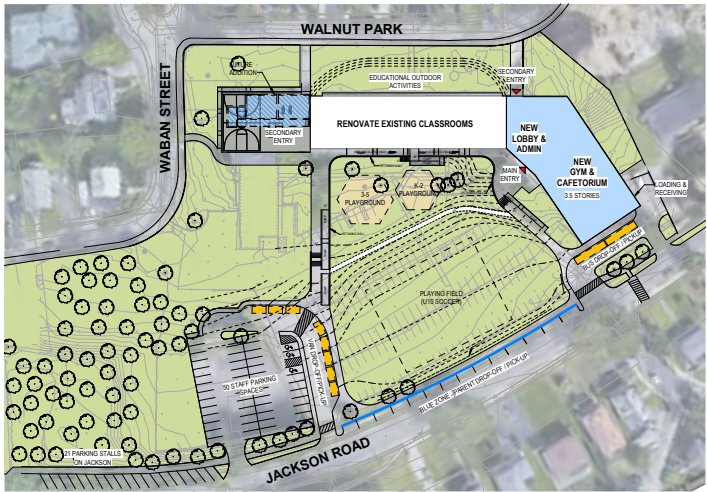
- » DEMOLISH CONVENT, CHAPEL, AUDITORIUM, CAFETERIA, BASEMENT STORAGE
- » RENOVATE EXISTING CLASSROOMS
- » ADD NEW GYM, CAFETORIUM, ADMIN. OFFICES, MEDIA CENTER, ED. SPACES



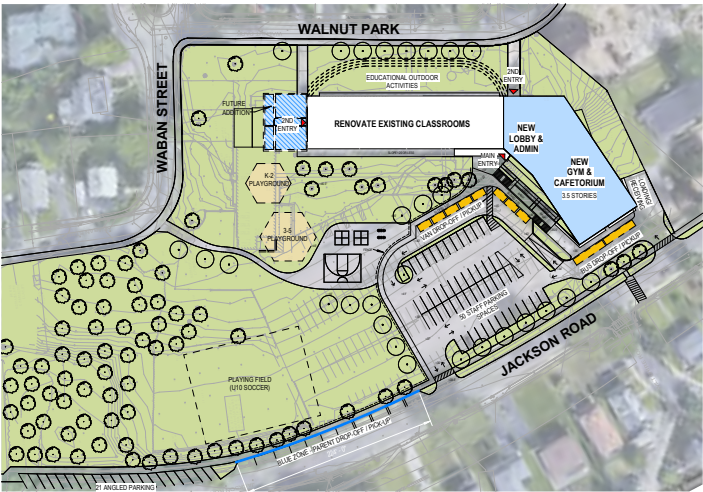
OPTION 3



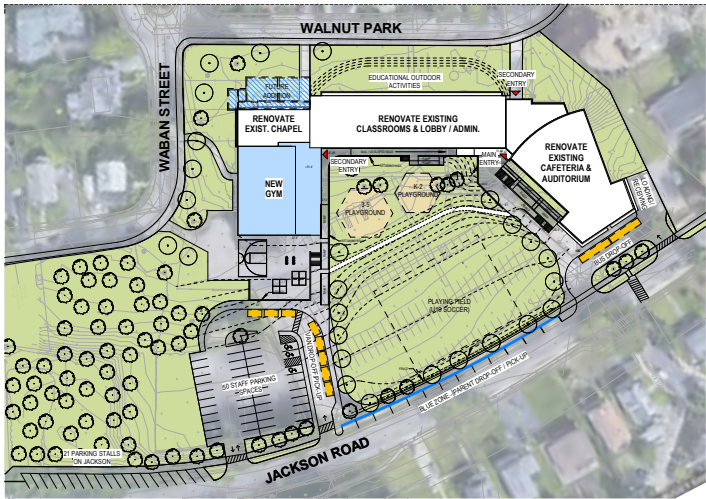
OPTION 3.B



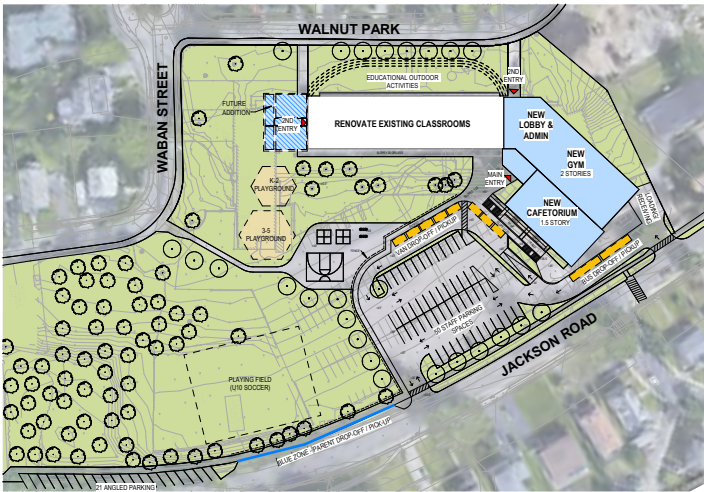
OPTION 3.C



OPTION 3.C v2
NEW

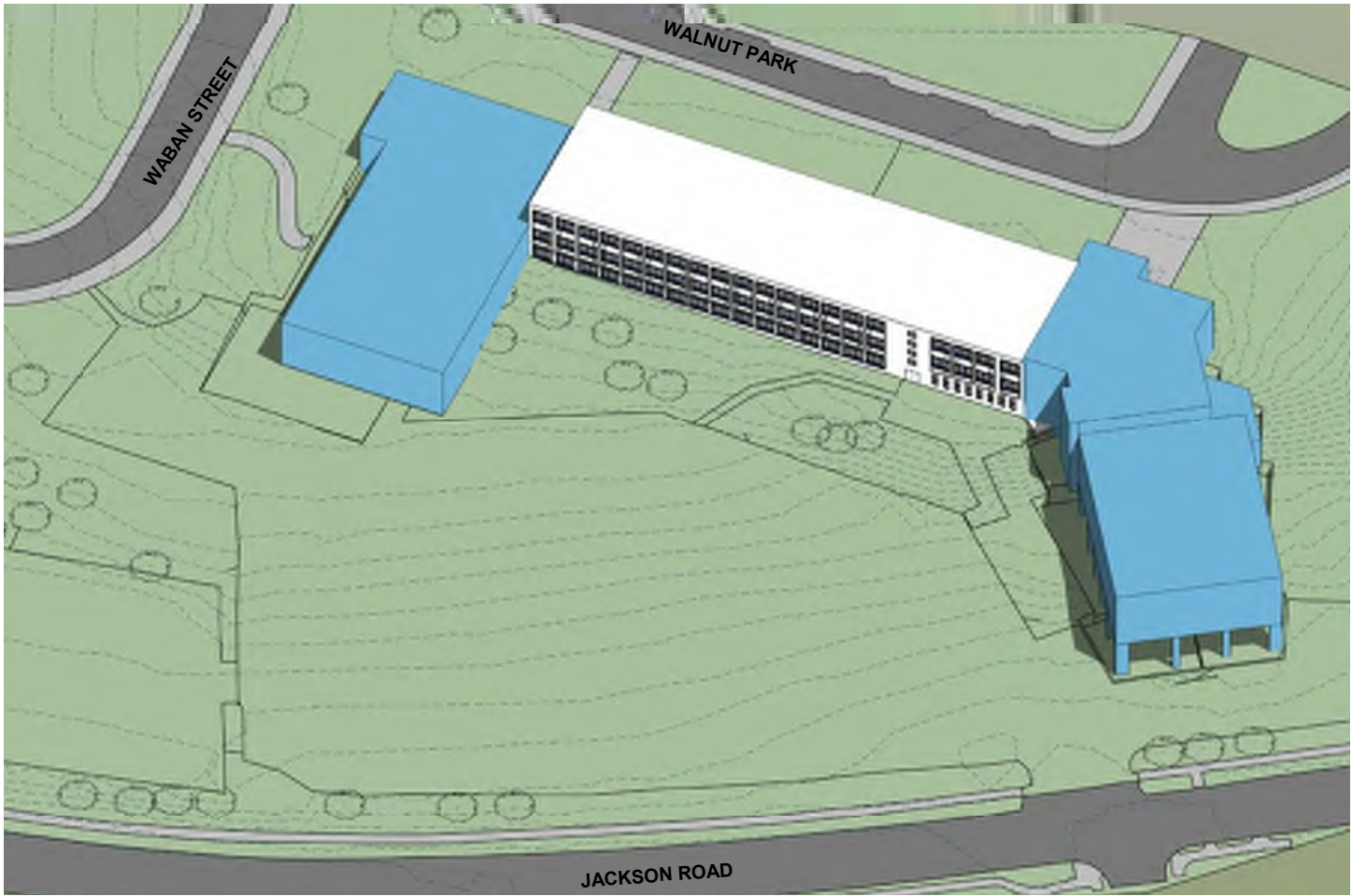


OPTION 3.D



OPTION 3.D v2
NEW

ADDITION/RENOVATION OPTION 3
BUILDING AXONOMETRIC & WEST ELEVATION



ADDITION/RENOVATION OPTION 3



RENOVATION:
CLASSROOMS: 40,545 SF

ADDITION:
GYMNASIUM: 6,300 SF
CAFETORIUM: 6,500 SF
CLASSROOMS / ADMIN / GROSS AREAS: 22,700 SF

TOTAL GROSS AREA: ~76,045 SF

DEMOLITION:
CONVENT, CHAPEL
CAFETERIA, AUDITORIUM: 61,807 SF

SITE IMPROVEMENTS ~129,000 SF

PARKING
ZONING REQUIRES 1 PER STAFF

39 PARKING SPACES
2 BUS PARKING (40' BUS)
8 VAN PARKING
14 PARENTS/VISITOR PARKING (BLUE ZONE)

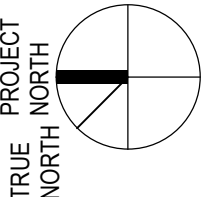
1 SITE PLAN - ADD/RENO #3

1" = 60'-0"

ARROW STREET

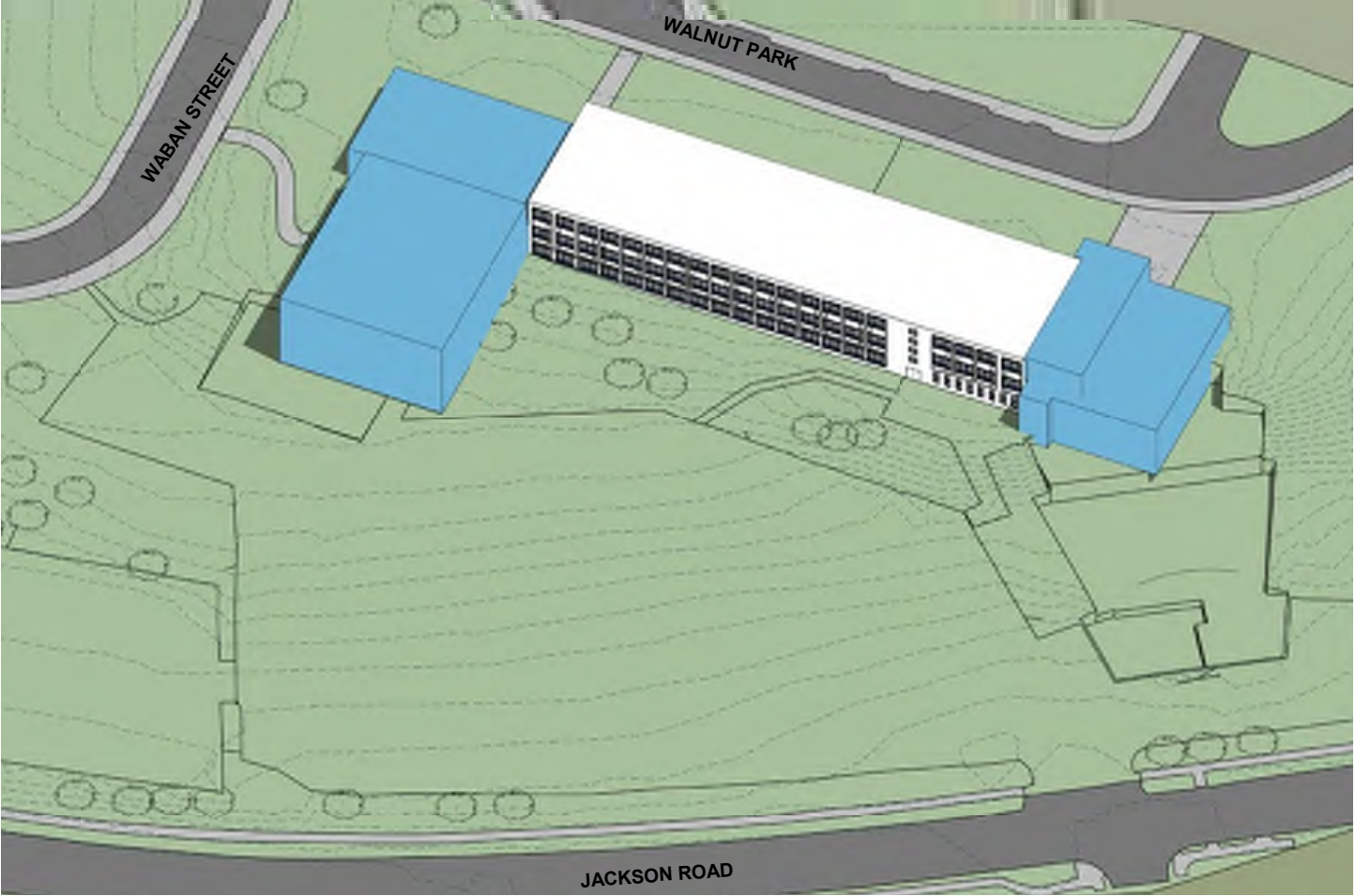
NEWTON MA / LINCOLN-ELIOT ELEMENTARY SCHOOL

SCHOOL BUILDING COMMITTEE MEETING / 23 NOVEMBER 2021 / 24

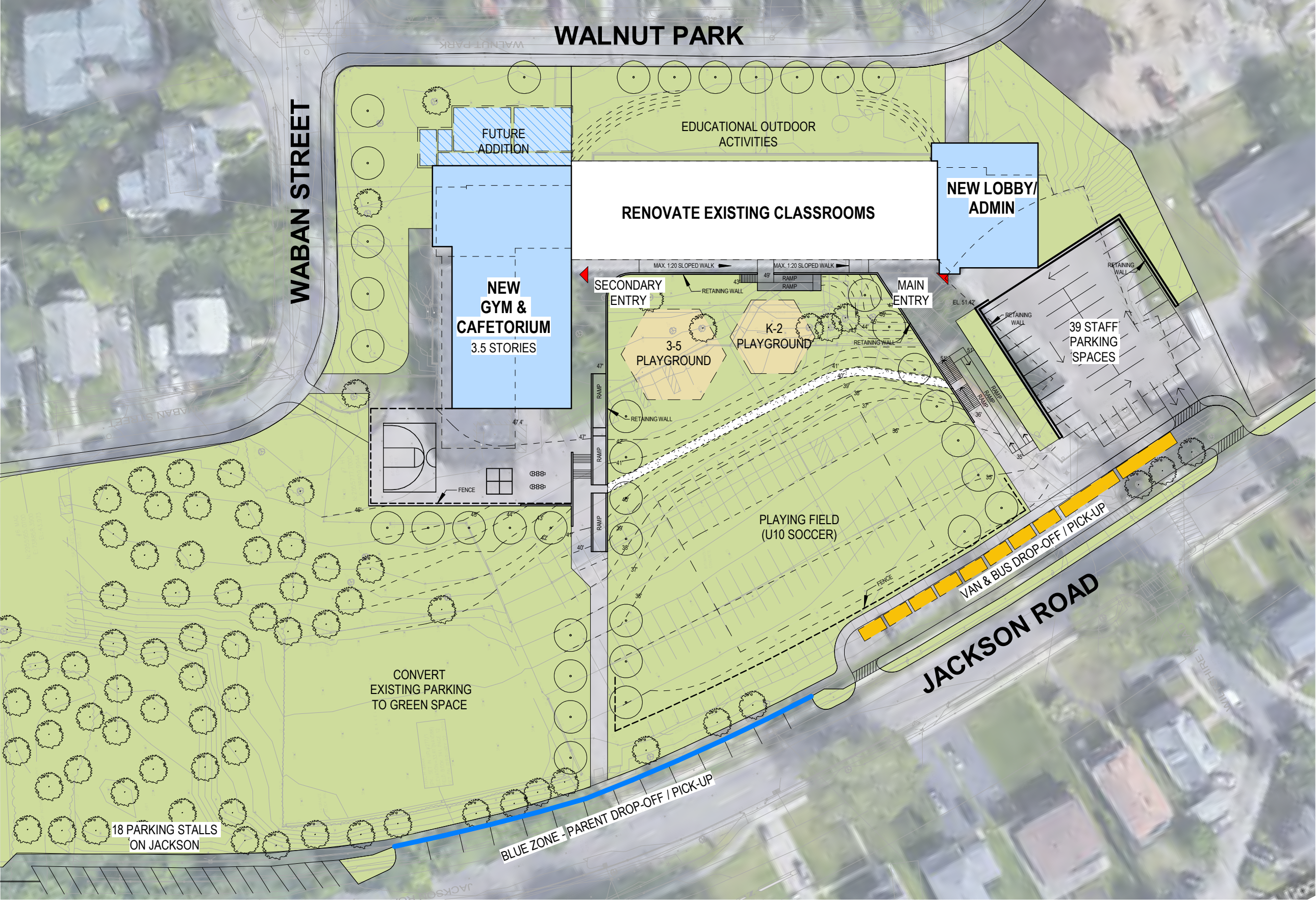


ADDITION/RENOVATION OPTION 3.B

BUILDING AXONOMETRIC & WEST ELEVATION



ADDITION/RENOVATION OPTION 3B



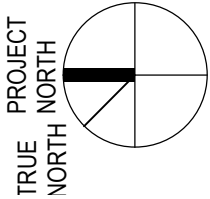
RENOVATION:	
CLASSROOMS:	40,545 SF
ADDITION:	
GYMNASIUM:	6,300 SF
CAFETERIUM:	6,500 SF
CLASSROOMS / ADMIN / GROSS AREAS:	22,700 SF
TOTAL GROSS AREA:	~76,045 SF
DEMOLITION:	
CONVENT, CHAPEL CAFETERIA, AUDITORIUM:	61,807 SF
SITE IMPROVEMENTS	~129,000 SF

PARKING
ZONING REQUIRES 1 PER STAFF

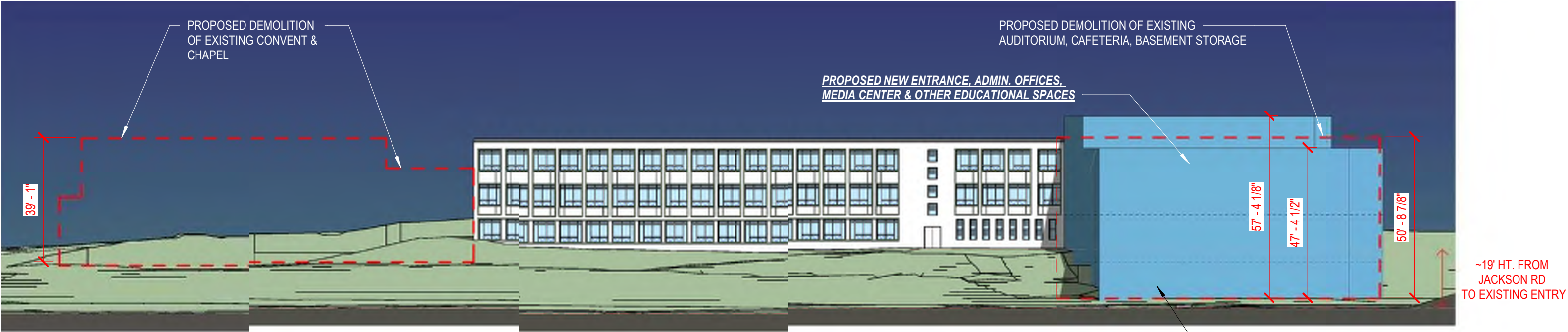
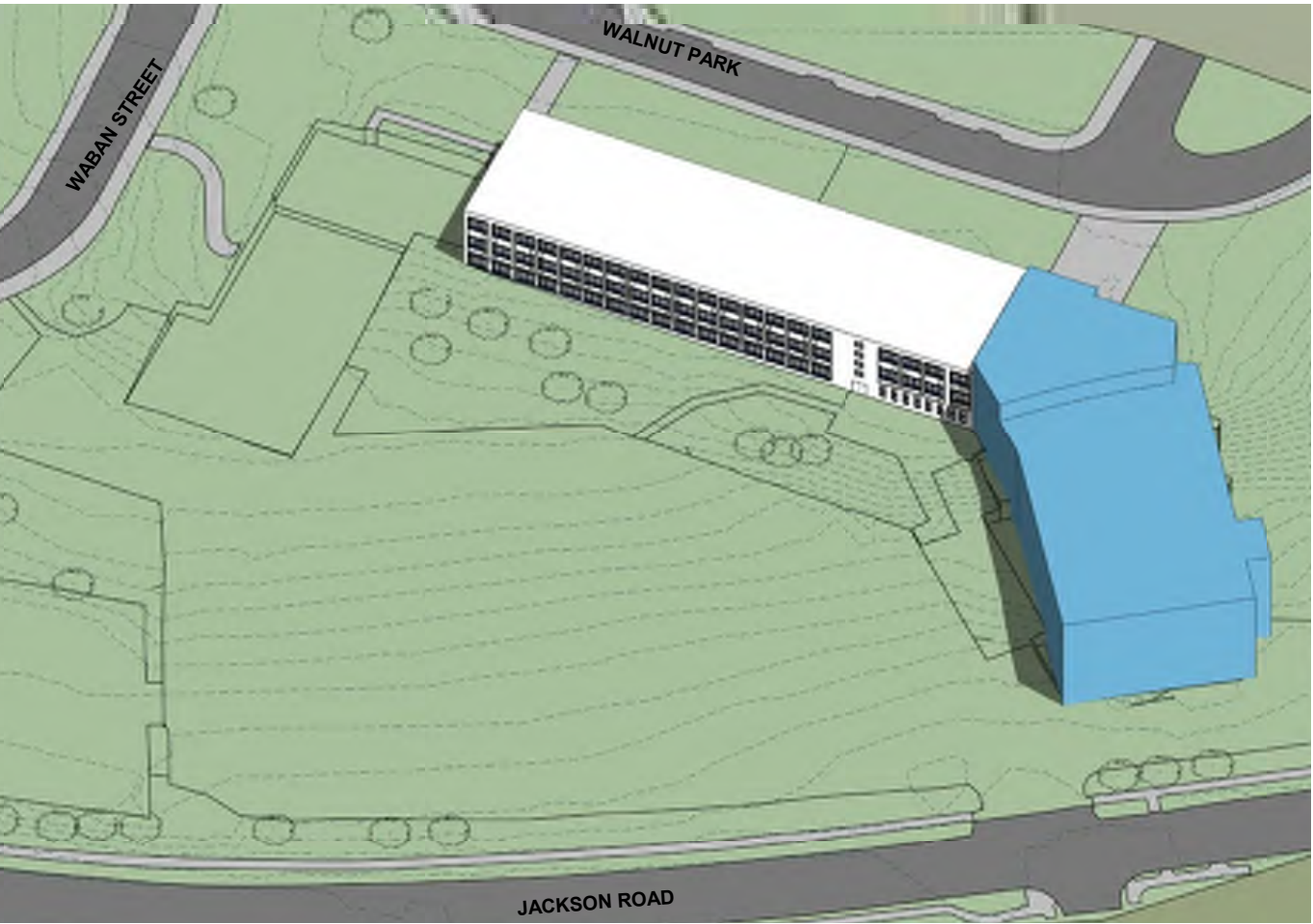
39 OFF STREET PARKING SPACES
2 BUS PARKING (40' BUS)
8 VAN PARKING
14 PARENTS/VISITOR PARKING (BLUE ZONE)

1 SITE PLAN - ADD/RENO #3.B

1" = 60'-0"



ADDITION/RENOVATION OPTION 3.C
BUILDING AXONOMETRIC & WEST ELEVATION



ADDITION/RENOVATION OPTION 3C



RENOVATION:	
CLASSROOMS:	40,545 SF
ADDITION:	
GYMNASIUM:	6,300 SF
CAFETORIUM:	6,500 SF
CLASSROOMS / ADMIN / GROSS AREAS:	22,700 SF
TOTAL GROSS AREA:	~76,045 SF
DEMOLITION:	
CONVENT, CHAPEL CAFETERIA, AUDITORIUM:	61,807 SF
SITE IMPROVEMENTS	~129,000 SF
PARKING	
ZONING REQUIRES 1 PER STAFF	
50 OFF STREET PARKING SPACES	
2 BUS PARKING (40' BUS)	
8 VAN PARKING	
14 PARENTS/VISITOR PARKING (BLUE ZONE)	

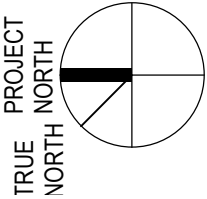
1 SITE PLAN - ADD/RENO #3.C

1" = 60'-0"

ARROW STREET

NEWTON MA / LINCOLN-ELIOT ELEMENTARY SCHOOL

SCHOOL BUILDING COMMITTEE MEETING / 23 NOVEMBER 2021 / 28



ADDITION/RENOVATION OPTION 3C v2

NEW OPTION



RENOVATION:
CLASSROOMS: 40,545 SF

ADDITION:
GYMNASIUM: 6,300 SF
CAFETERIUM: 6,500 SF
CLASSROOMS / ADMIN /
GROSS AREAS: 22,700 SF

TOTAL GROSS AREA: ~76,045 SF

DEMOLITION:
CONVENT, CHAPEL
CAFETERIA, AUDITORIUM: 61,807 SF

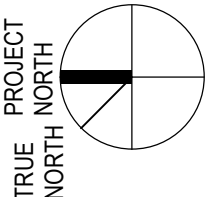
SITE IMPROVEMENTS ~129,000 SF

PARKING
ZONING REQUIRES 1 PER STAFF

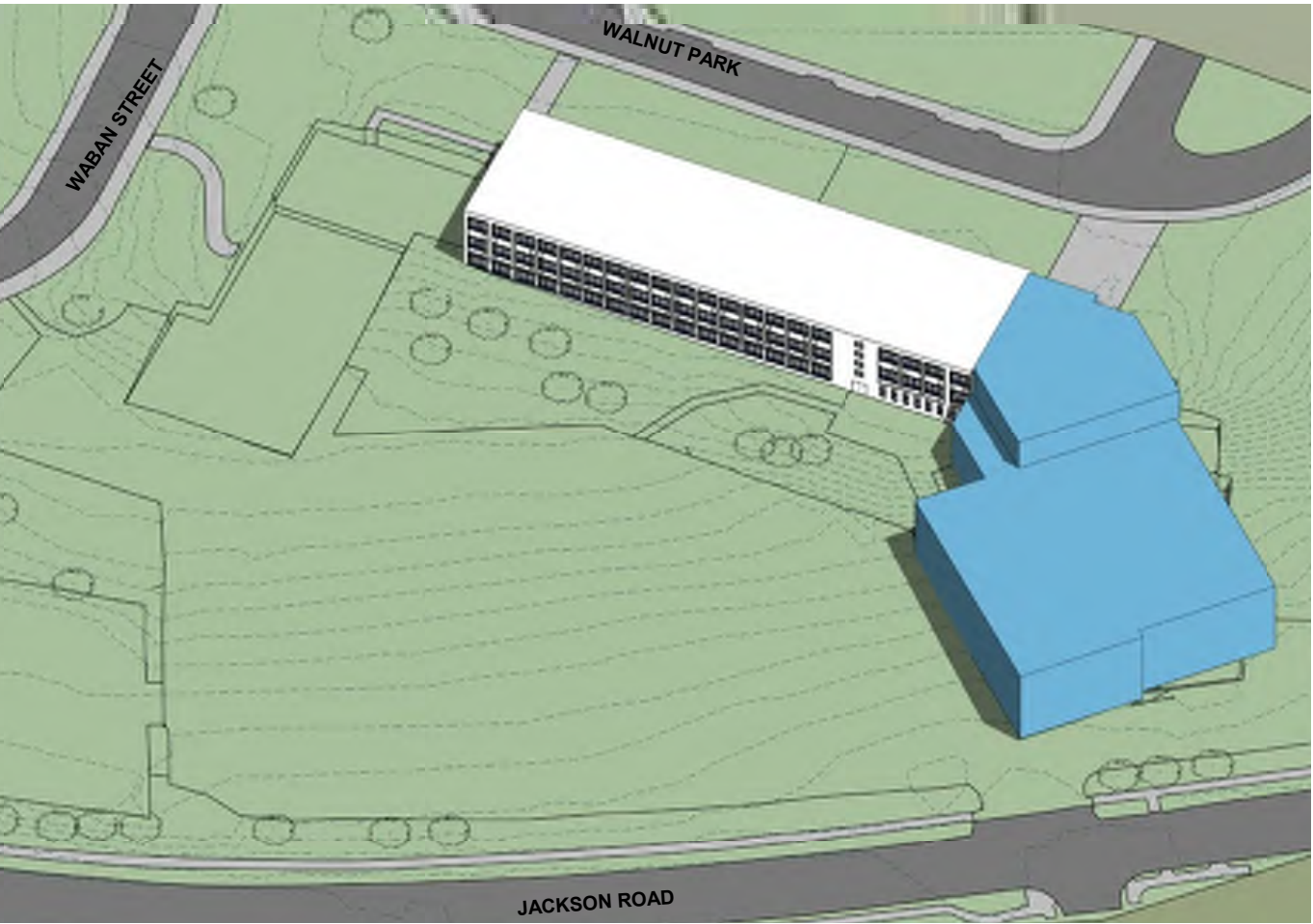
50 OFF STREET PARKING SPACES
2 BUS PARKING (40' BUS)
8 VAN PARKING
14 PARENTS/VISITOR PARKING (BLUE ZONE)

1 SITE PLAN - ADD/RENO #3.C v2

1" = 60'-0"



ADDITION/RENOVATION OPTION 3.D
BUILDING AXONOMETRIC & WEST ELEVATION



ADDITION/RENOVATION OPTION 3D



RENOVATION:
CLASSROOMS: 40,545 SF

ADDITION:
GYMNASIUM: 6,300 SF
CAFETERIUM: 6,500 SF
CLASSROOMS / ADMIN /
GROSS AREAS: 22,700 SF

TOTAL GROSS AREA: ~76,045 SF

DEMOLITION:
CONVENT, CHAPEL
CAFETERIA, AUDITORIUM: 61,807 SF

SITE IMPROVEMENTS ~129,000 SF

PARKING
ZONING REQUIRES 1 PER STAFF
50 PARKING SPACES
2 BUS PARKING (40' BUS)
8 VAN PARKING
14 PARENTS/VISITOR PARKING (BLUE ZONE)

1 SITE PLAN - ADD/RENO #3.D
1" = 60'-0"

PROJECT TIMELINE

2022

- » Current: Feasibility Study; Next Step: Develop Add/Reno options and select a preferred option
- » Jan. - April: Schematic Design
- » April: Site Plan Review
- » May: Site Plan Approval
- » June - Dec: Design Development

2023

- » Jan. - June: Construction Documents
- » June - July: Bidding
- » July: Break Ground / Start Construction

2024

- » Construction

2025

- » August: School Moves In
- » September: School Opens

Q&A

For Further Information:

- » www.newtonma.gov/gov/building/capital_projects
- » www.lincolneliot-necp-projects.com
- » Alejandro Valcarce, AIA, Deputy Commissioner Newton Public Buildings; avalcarce@newtonma.gov
- » Mary Mahoney, Project Manager, Hill International; marymahoney@hillintl.com

