

| SMMA

# School Building Committee

West Elementary

January 23, 2020

# Agenda

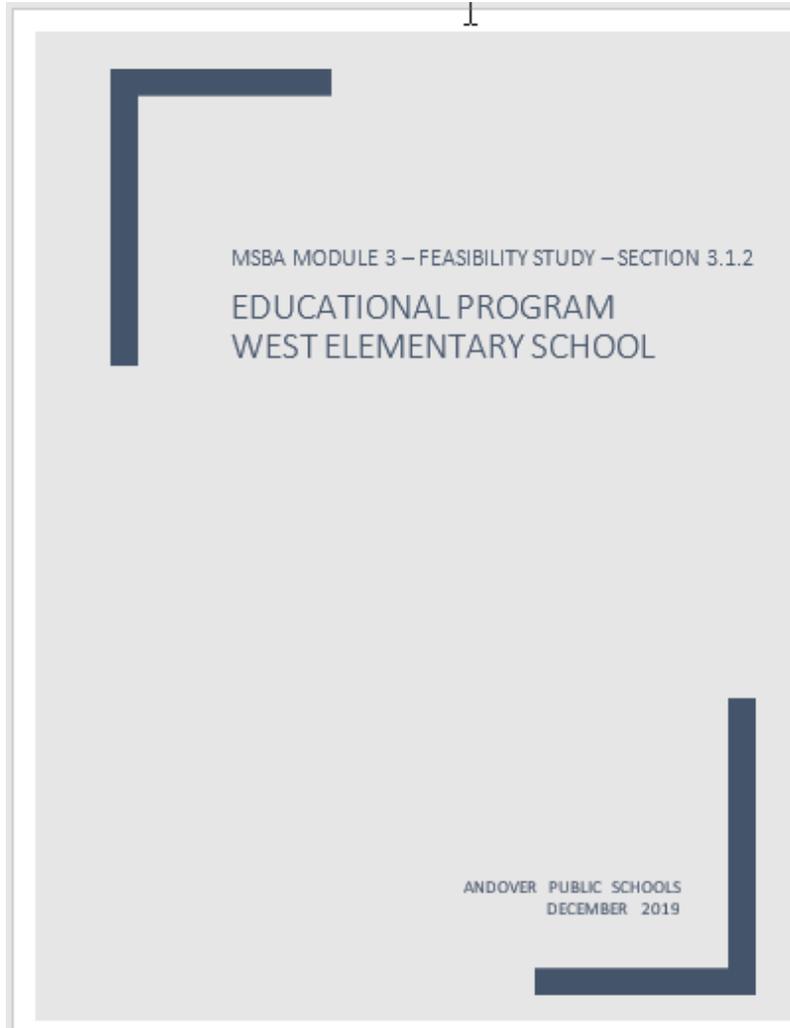
- 3) Update on educational plan
- 4) Initial Concept development
- 5) Review schedule moving forward

| SMMA

# 3. Update

Educational Plan

# Educational Plan



## Table of Contents

<b>OVERVIEW OF DISTRICT AND PROJECT</b> .....	6
<b>A BRIEF INTRODUCTION TO ANDOVER</b> .....	6
<b>PROJECT NEED</b> .....	7
<b>ANDOVER TEACHING PHILOSOPHY</b> .....	7
IMPLICATIONS FOR DESIGN.....	8
<b>ANDOVER VISION STATEMENT</b> .....	8
IMPLICATIONS FOR DESIGN.....	8
<b>ANDOVER MISSION STATEMENT</b> .....	8
IMPLICATIONS FOR DESIGN.....	8
<b>ANDOVER CORE VALUES</b> .....	9
IMPLICATIONS FOR DESIGN.....	9
<b>ANDOVER STATEMENTS OF BELIEF</b> .....	9
IMPLICATIONS FOR DESIGN.....	9
<b>ANDOVER STRATEGIC GOALS</b> .....	9
IMPLICATIONS FOR DESIGN.....	10
<b>ANDOVER THEORY OF ACTION</b> .....	10
IMPLICATIONS FOR DESIGN.....	11
<b>CORE EDUCATIONAL PRINCIPLES THAT DRIVE SCHOOL DESIGN</b> .....	11
<b>SOCIAL-EMOTIONAL LEARNING</b> .....	11
IMPLICATIONS FOR DESIGN.....	12
<b>UNIVERSAL DESIGN FOR LEARNING</b> .....	12
IMPLICATIONS FOR DESIGN.....	12
<b>AUTHENTIC LEARNING EXPERIENCES</b> .....	13
IMPLICATIONS FOR DESIGN.....	13
<b>TEACHER COLLABORATION</b> .....	13
IMPLICATIONS FOR DESIGN.....	14
<b>GRADE AND SCHOOL CONFIGURATION POLICIES</b> .....	14
CURRENT GRADE CONFIGURATION.....	14
PROPOSED GRADE CONFIGURATION.....	15
ADVANTAGES OF PROPOSED GRADE CONFIGURATION.....	15
PLANS TO FACILITATE TRANSITION TO NEW CONFIGURATION.....	15
<b>CLASS SIZE POLICY</b> .....	16
<b>SCHOOL SCHEDULING METHOD</b> .....	17

# Square footage analysis

	Elementary School Yes Auditorium Yes Pre-K*		Elementary School No Auditorium Yes Pre-K*		Elementary School Yes Auditorium No Pre-K		Elementary School No Auditorium No Pre-K	
	925 student K-5	MSBA Reimb.	925 student K-5	MSBA Reimb.	925 student K-5	MSBA Reimb.	925 student K-5	MSBA Reimb.
Net Square footage (NSF)	185,529	99,649	177,129	100,649	167,529	87,649	159,129	88,649
Mech Equip Penthouse	8,000	0	8,000	0	8,000	0	8,000	0
Outdoor equipment storage	600	0	600	0	600	0	600	0
Gross Square Footage (GSF)	194,129	149,474	185,729	150,974	176,129	131,474	167,729	132,974
GSF Delta		44,656		34,756		44,656		34,756
* Assumes MSBA approves PreK								

# West Elementary Existing Square Footage



## PROGRAM LEGEND

- 01 Core Academic Spaces
- 02 Special Education
- 03 Art Music
- 04 Health and Physical Education
- 05 Media Center
- 06 Auditorium
- 07 Dining
- 07 Food Service
- 09 Medical
- 11 Administration & Guidance
- 12 Custodial & Maintenance
- 13 Other
- 14 Circulation

90,611 GSF

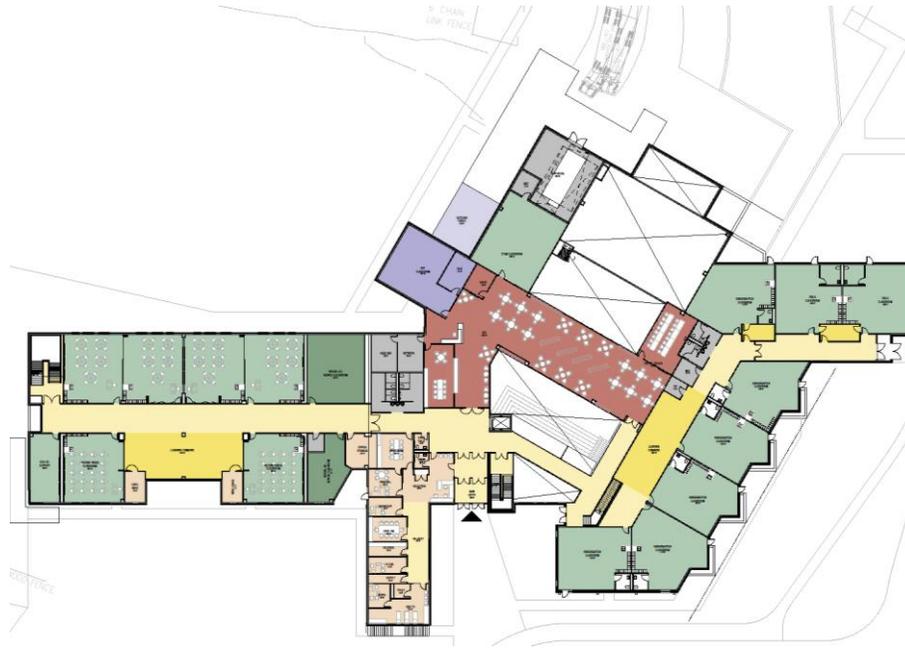


# Learning Commons



Rockland, MA

8



Wake County, NC

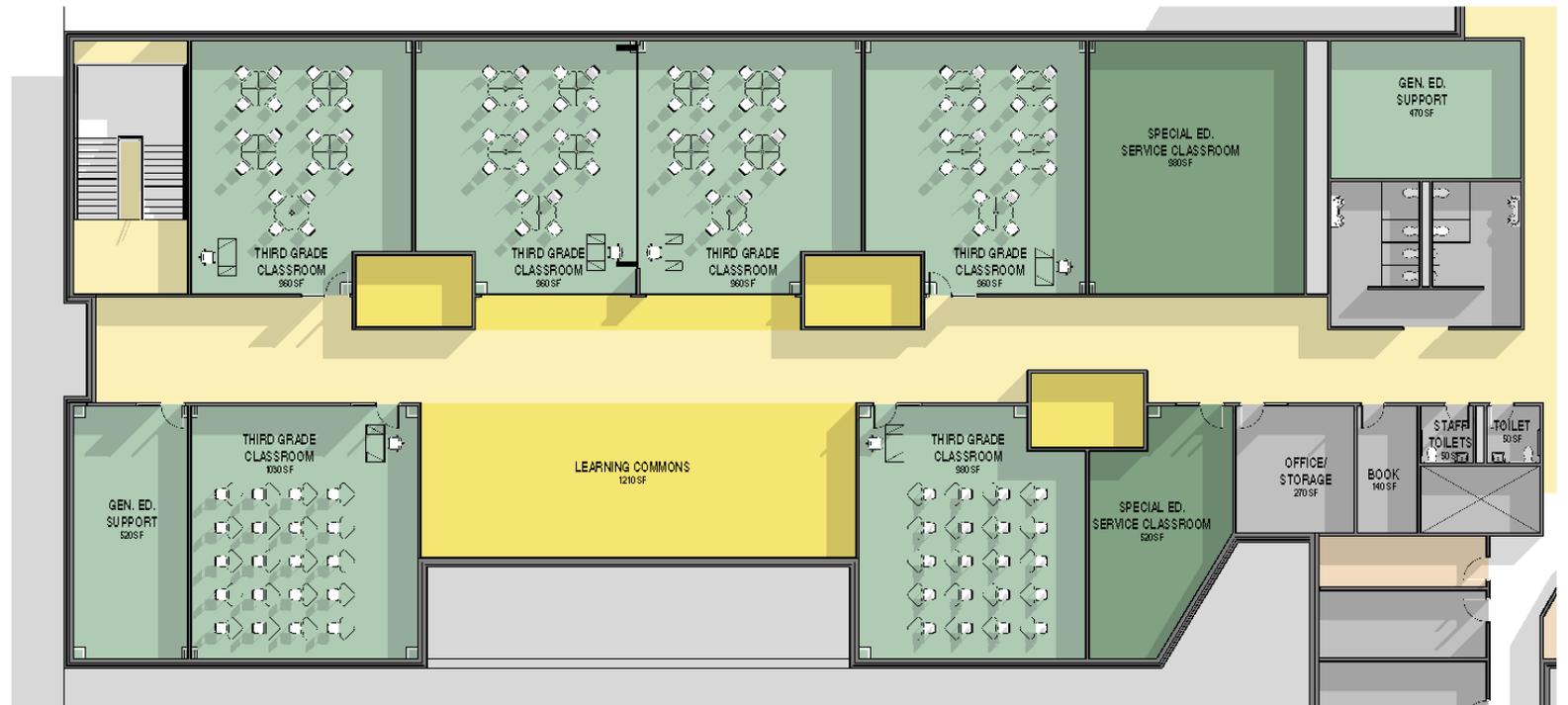
6



Wellesley, MA

3

# Design Patterns: The Learning Commons



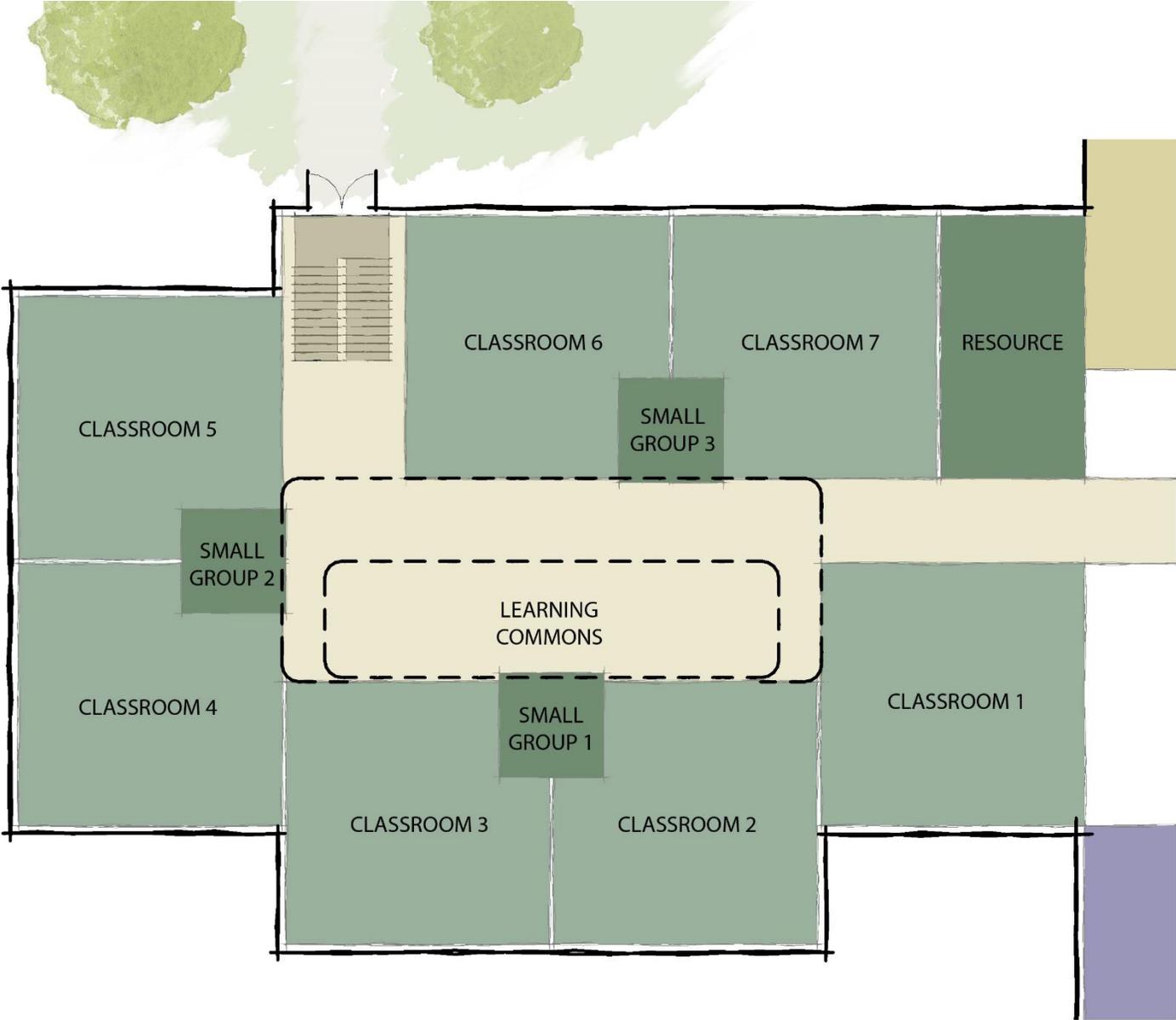
# The Learning Commons: Lower Grades



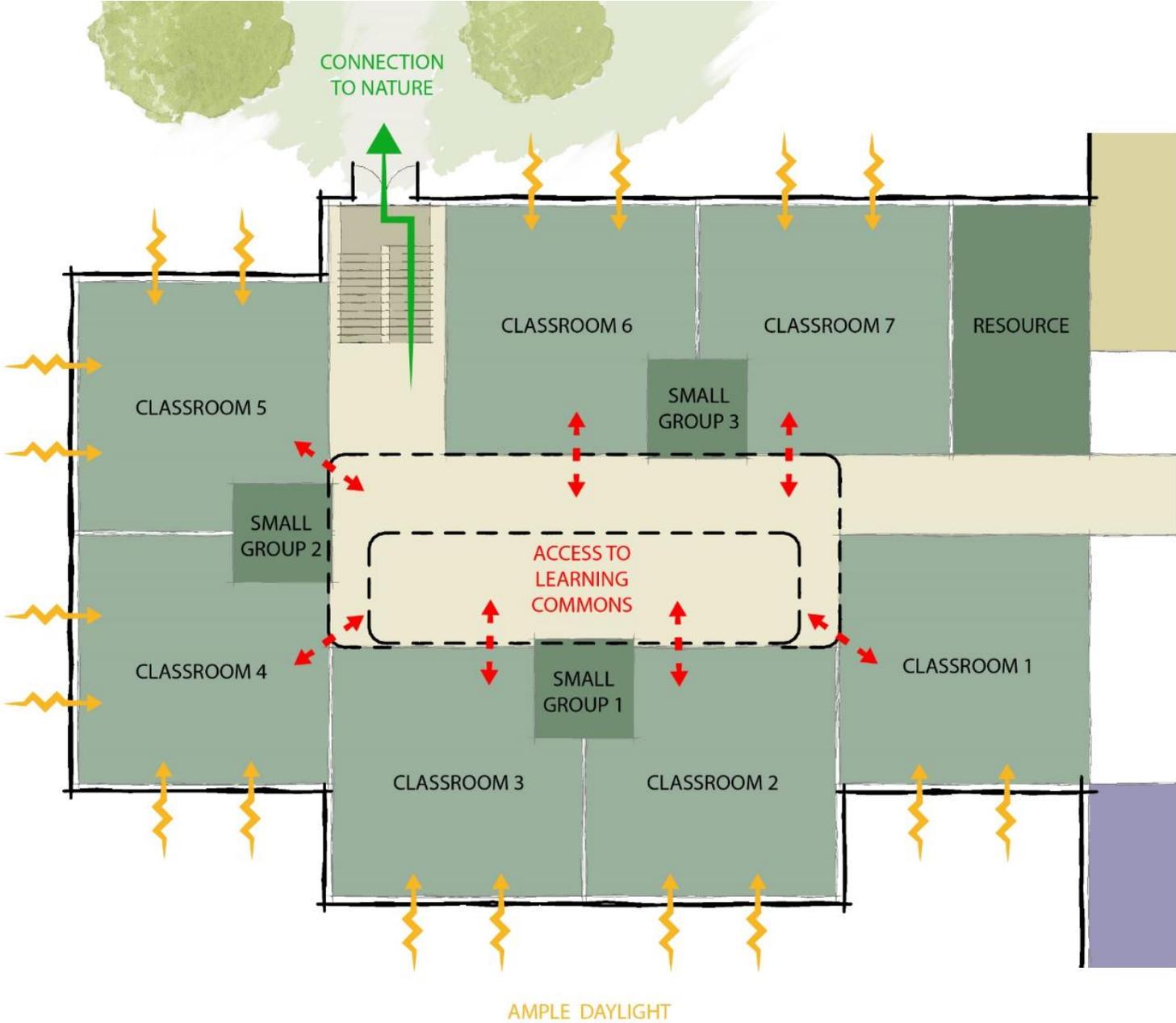
# The Learning Commons: Upper Grades



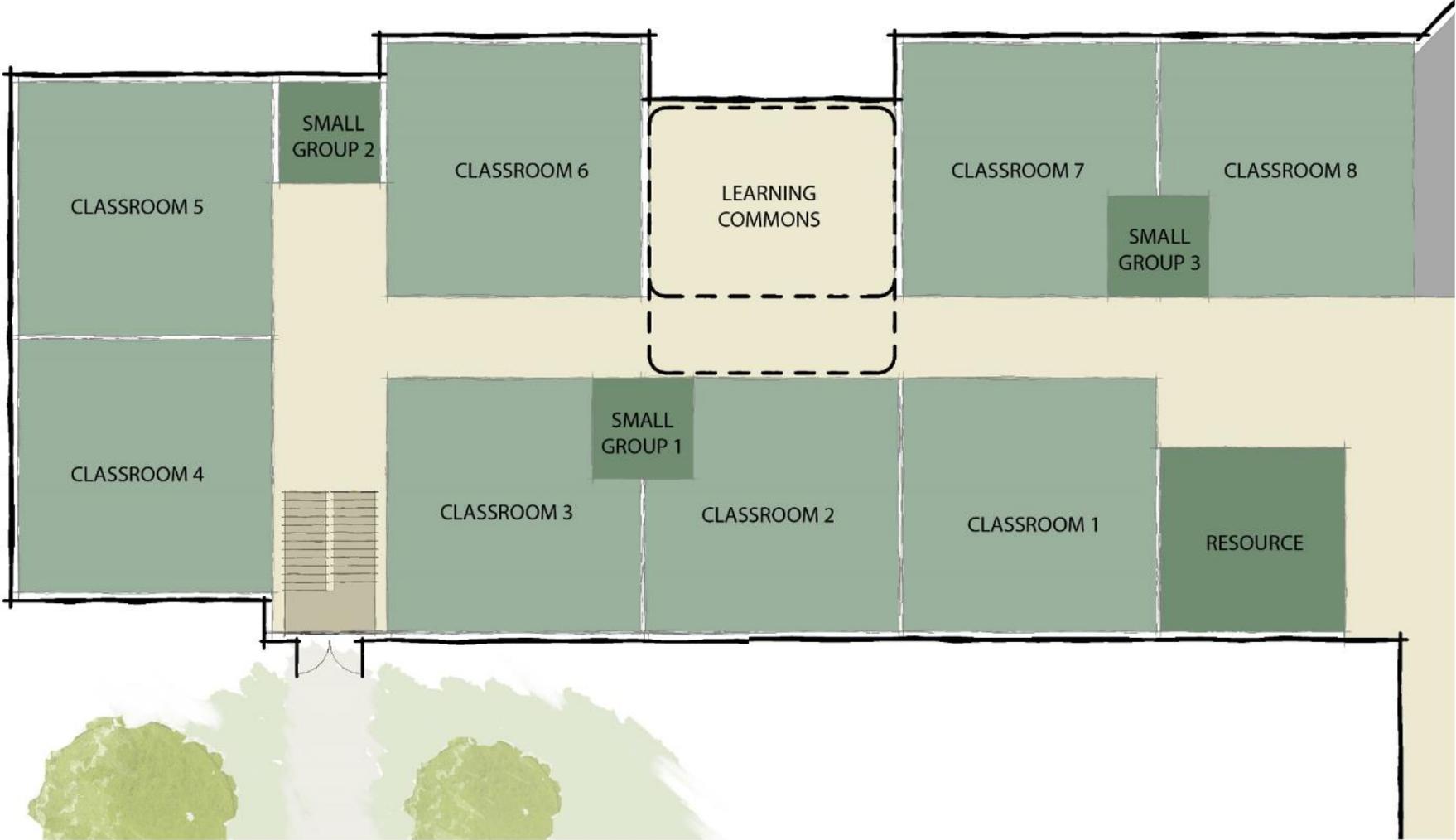
# Typical Classroom Pod Option 1



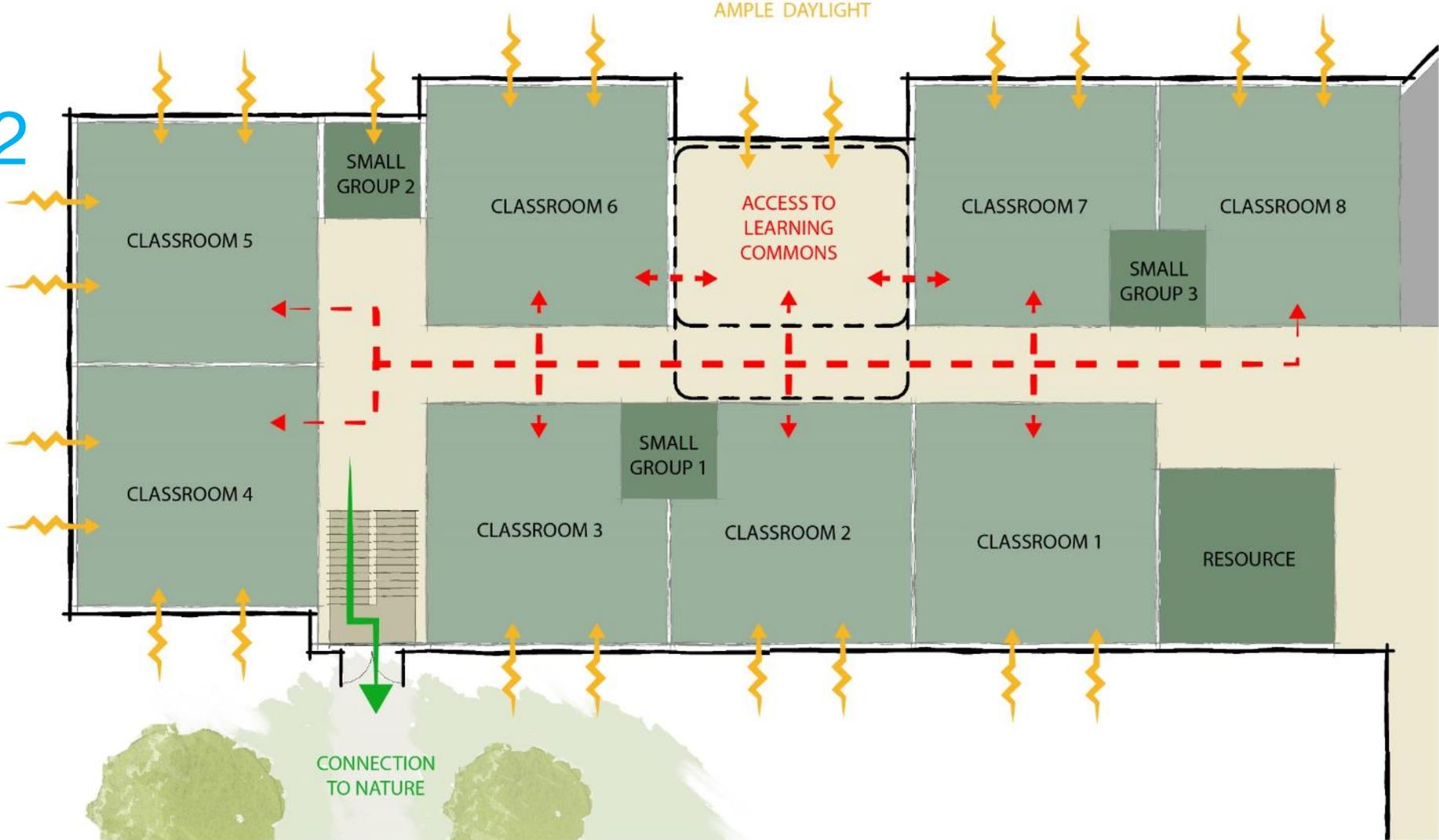
# Typical Classroom Pod Option 1



# Typical Classroom Pod Option 2



# Typical Classroom Pod Option 2



| SMMA

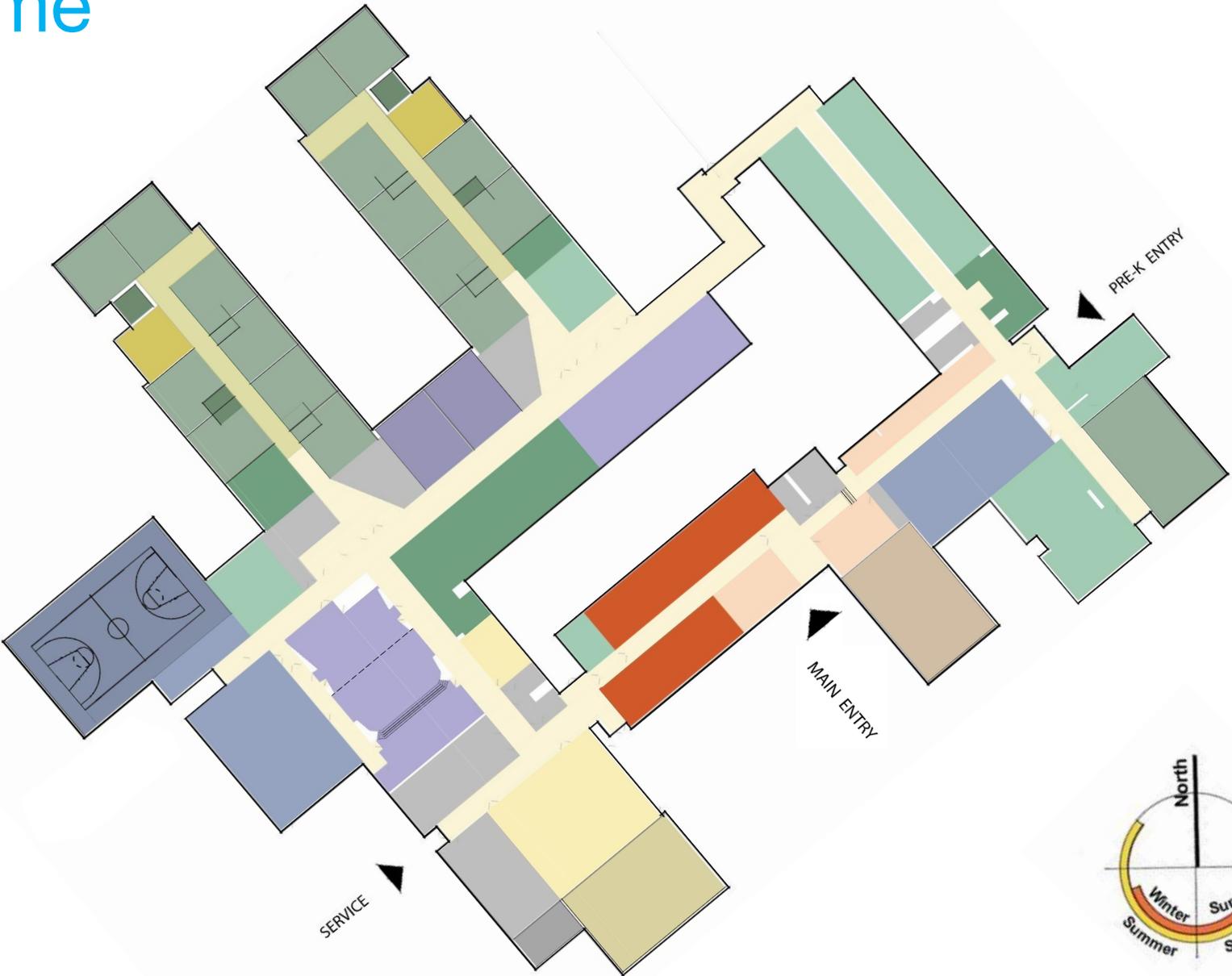
# 4. Initial

Concept Development

# Add Reno Scheme

## MSBA Program Plan

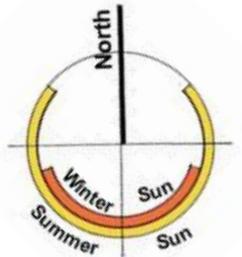
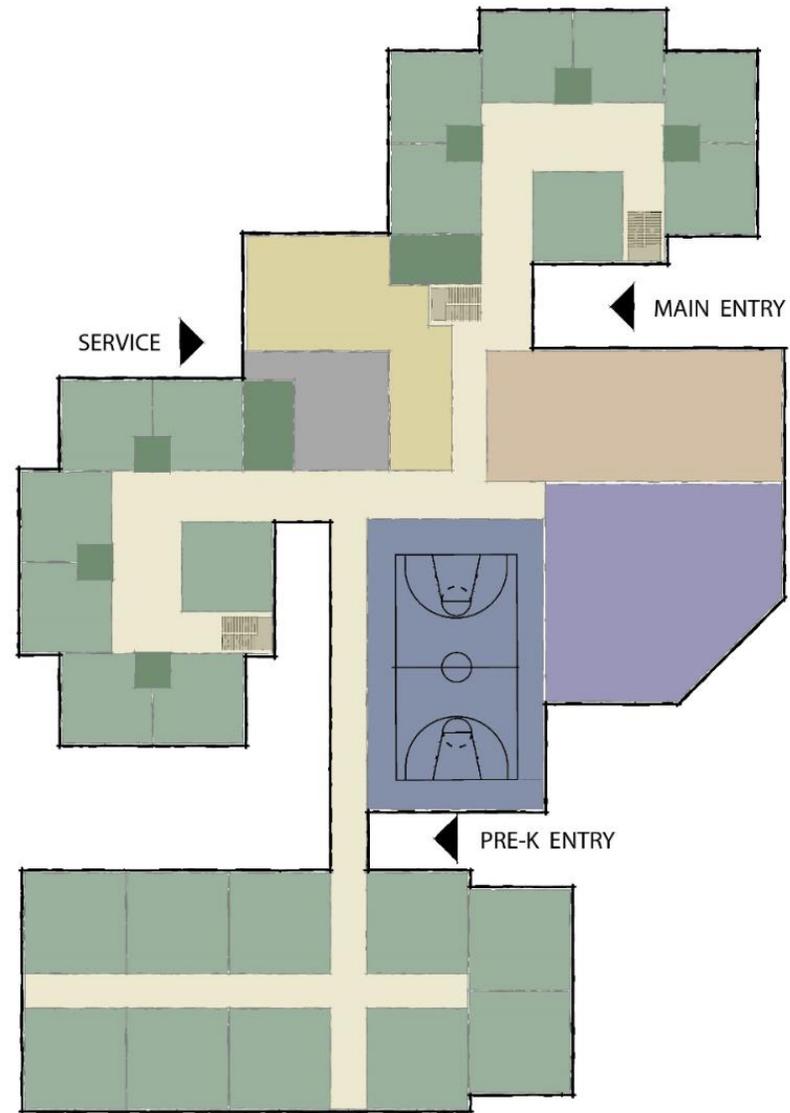
- 01 Core Academic Spaces
- 02 Special Education
- 03 Art Music
- 04 Health and Physical Education
- 05 Media Center
- 06 Auditorium
- 07 Dining
- 07 Food Service
- 09 Medical
- 13 Other
- 14 Circulation



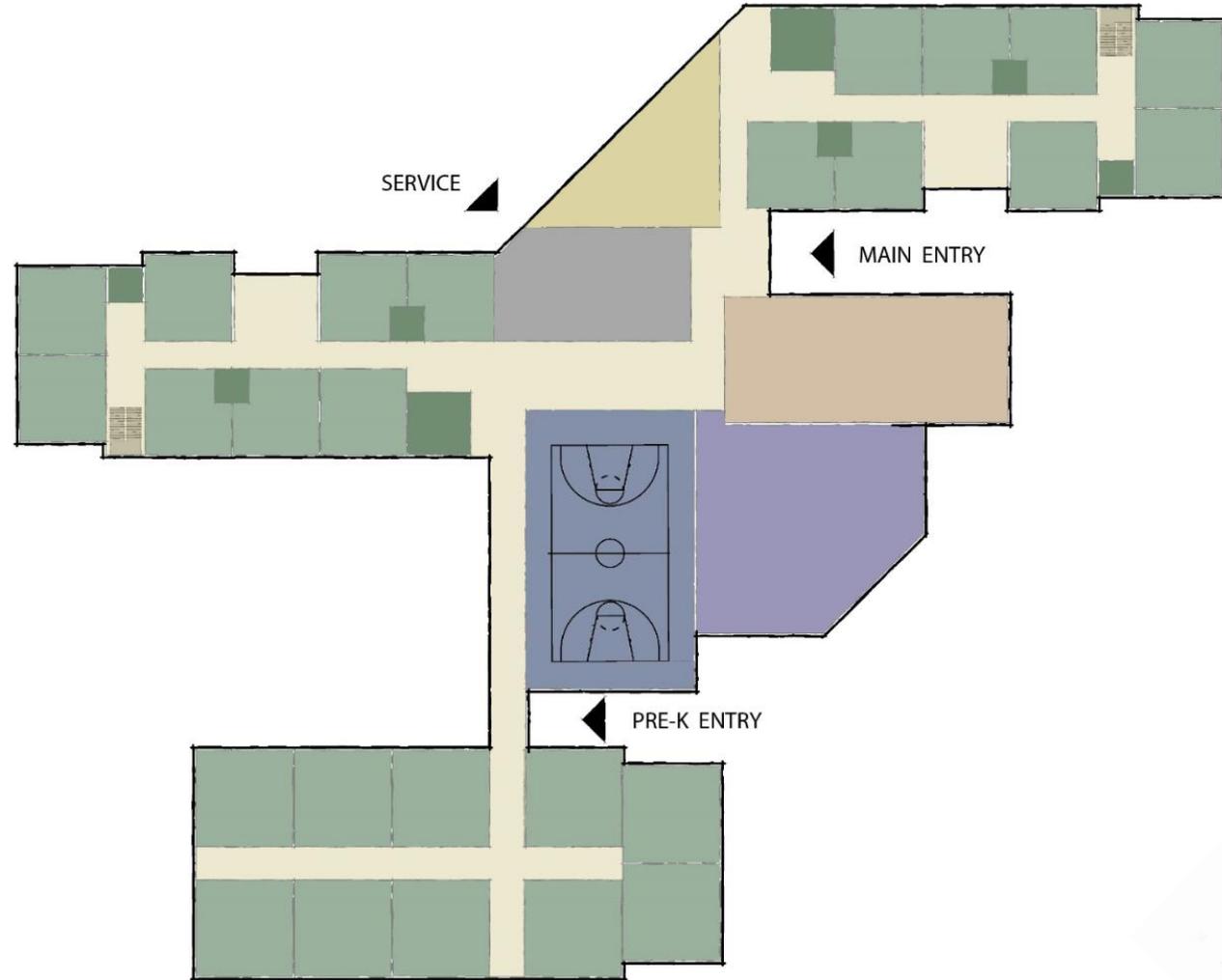
# Interview Scheme

## MSBA Program Plan

- 01 Core Academic Spaces
- 02 Special Education
- 03 Art Music
- 04 Health and Physical Education
- 05 Media Center
- 06 Auditorium
- 07 Dining
- 07 Food Service
- 09 Medical
- 13 Other
- 14 Circulation

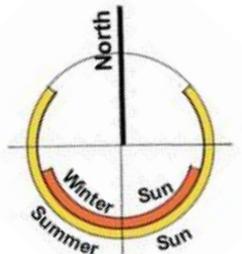


# “S” Scheme



## MSBA Program Plan

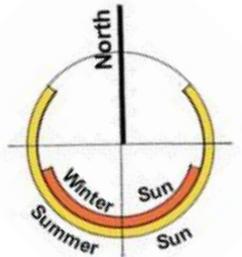
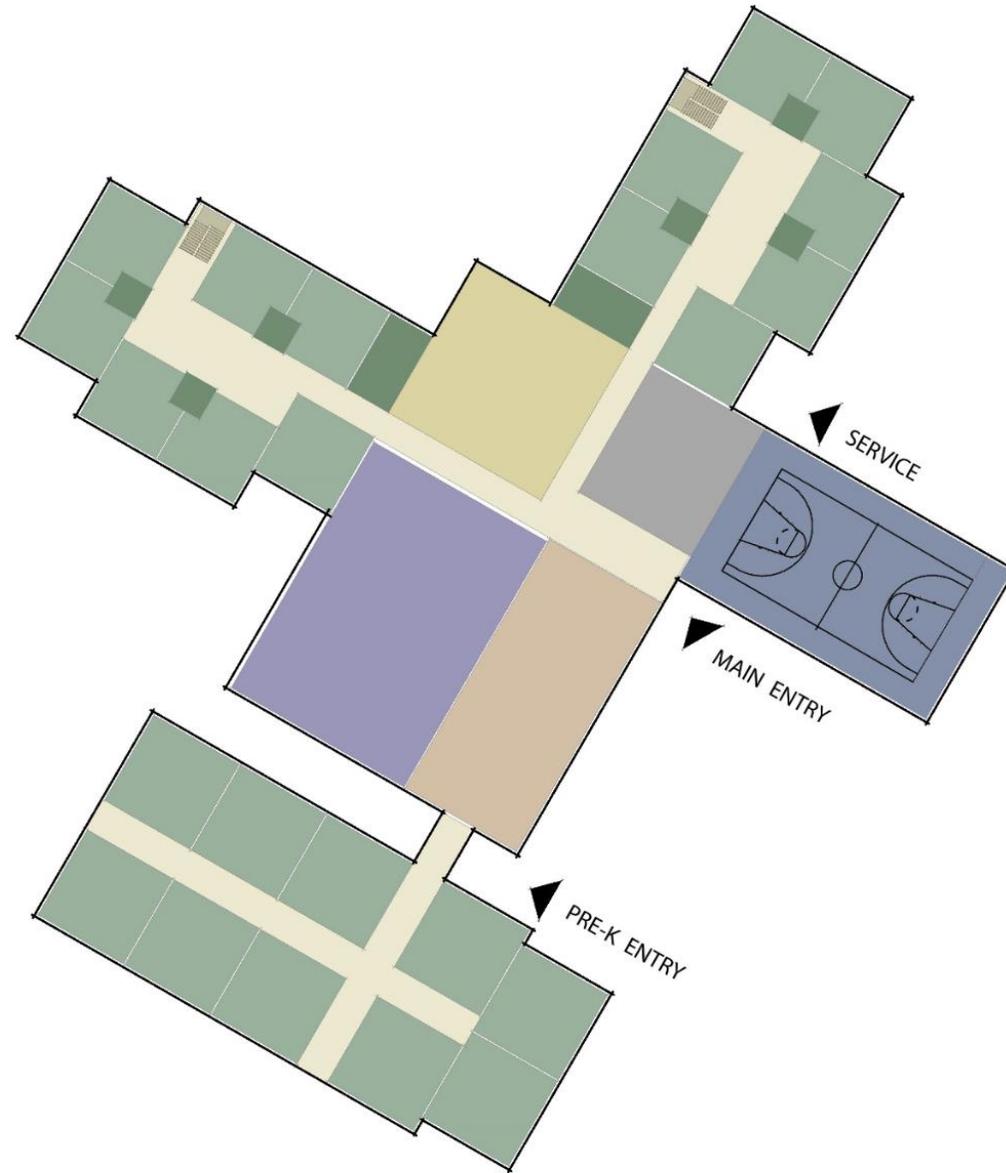
- 01 Core Academic Spaces
- 02 Special Education
- 03 Art Music
- 04 Health and Physical Education
- 05 Media Center
- 06 Auditorium
- 07 Dining
- 07 Food Service
- 09 Medical
- 13 Other
- 14 Circulation



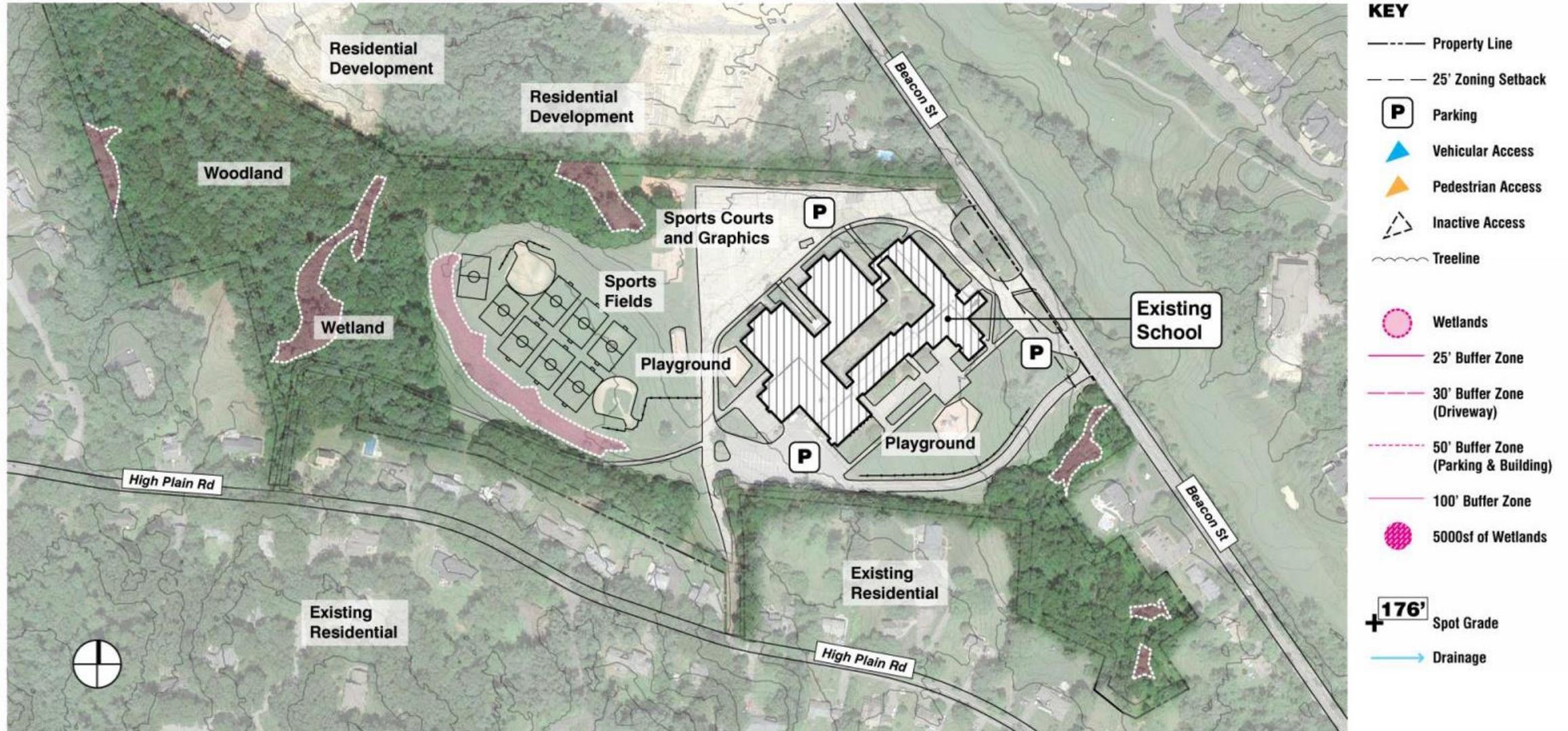
# “L” Scheme

## MSBA Program Plan

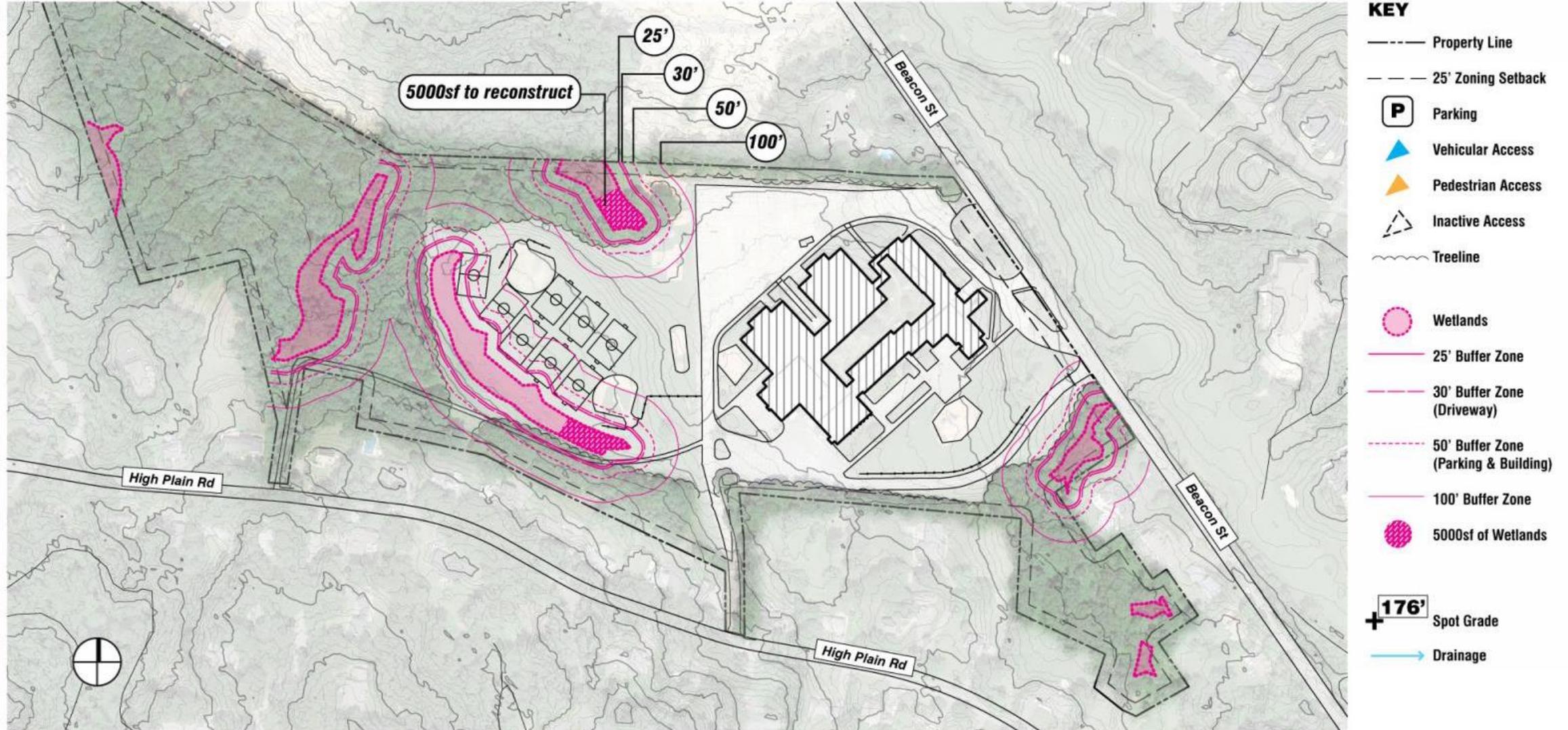
- 01 Core Academic Spaces
- 02 Special Education
- 03 Art Music
- 04 Health and Physical Education
- 05 Media Center
- 06 Auditorium
- 07 Dining
- 07 Food Service
- 09 Medical
- 13 Other
- 14 Circulation



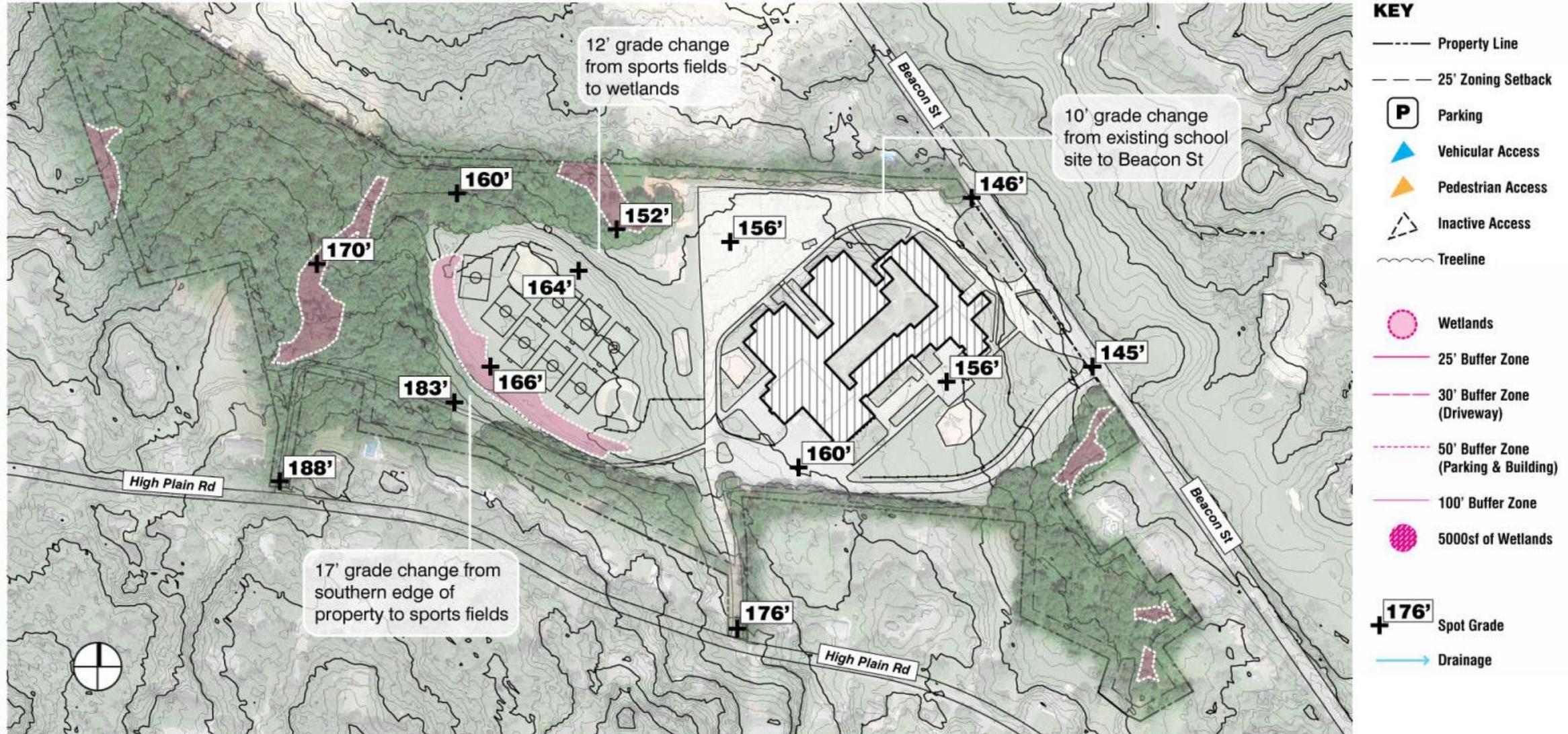
# Site Analysis: Existing Conditions



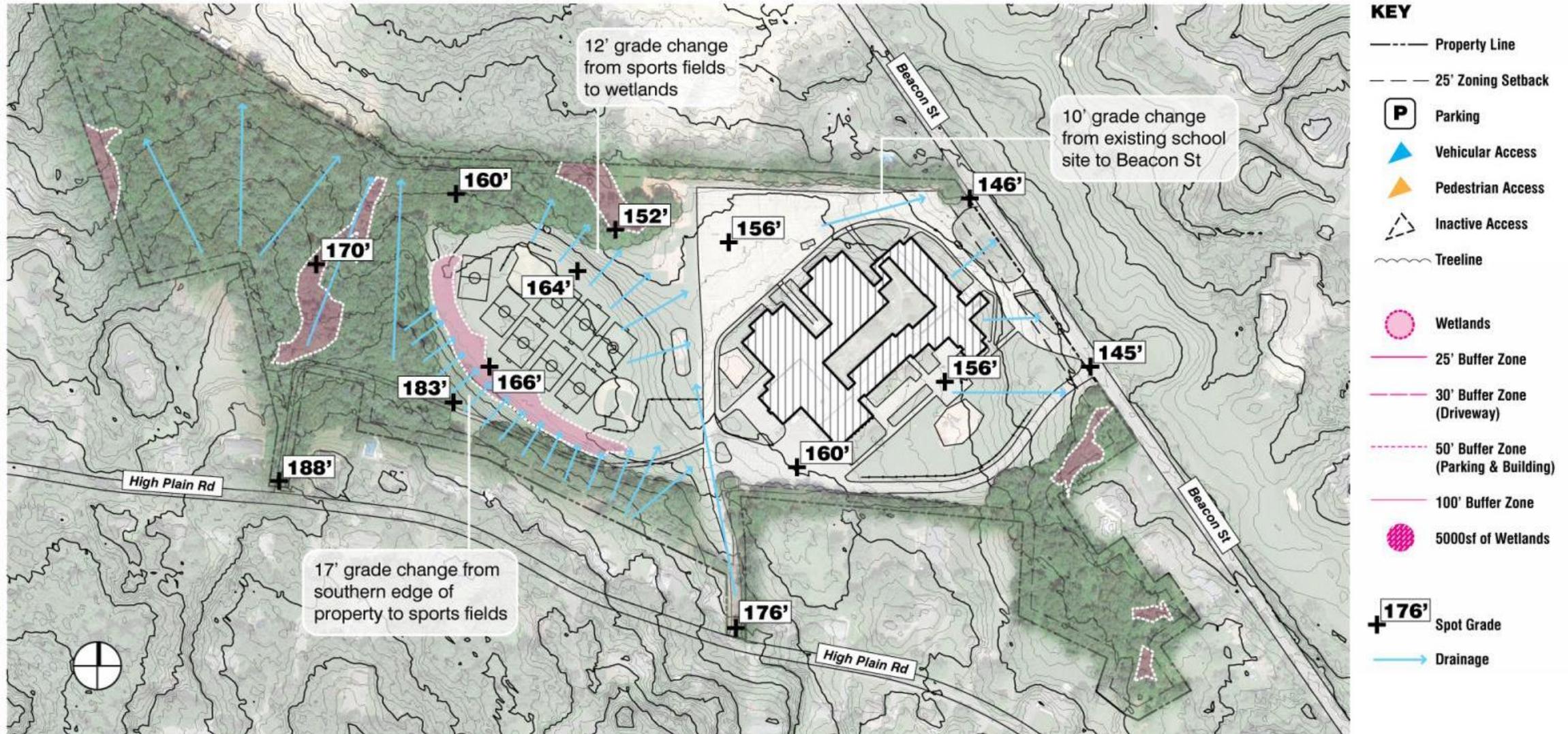
# Site Analysis: Wetlands & Buffer Zones



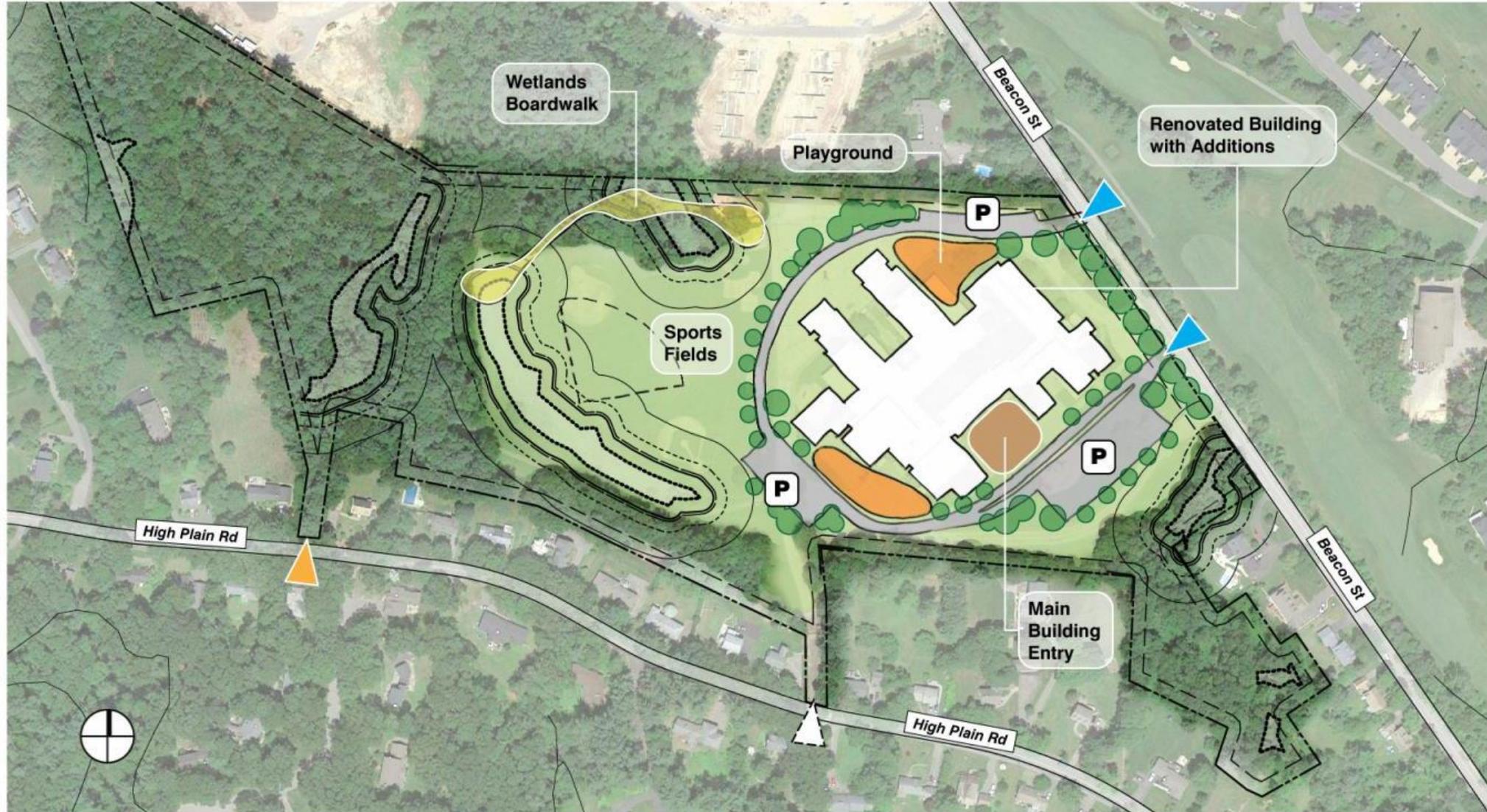
# Site Analysis: Topography



# Site Analysis: Topography & Drainage



# Site Concepts: 1. Add Reno Scheme



- KEY**
- Property Line
  - 25' Zoning Setback
  - P Parking
  - Blue Triangle Vehicular Access
  - Orange Triangle Pedestrian Access
  - Inactive Access
  - Treeline
  - Wetlands
  - 25' Buffer Zone
  - 30' Buffer Zone (Driveway)
  - 50' Buffer Zone (Parking & Building)
  - 100' Buffer Zone
  - New Tree

# Site Concepts: 2. New Construction “S” Scheme



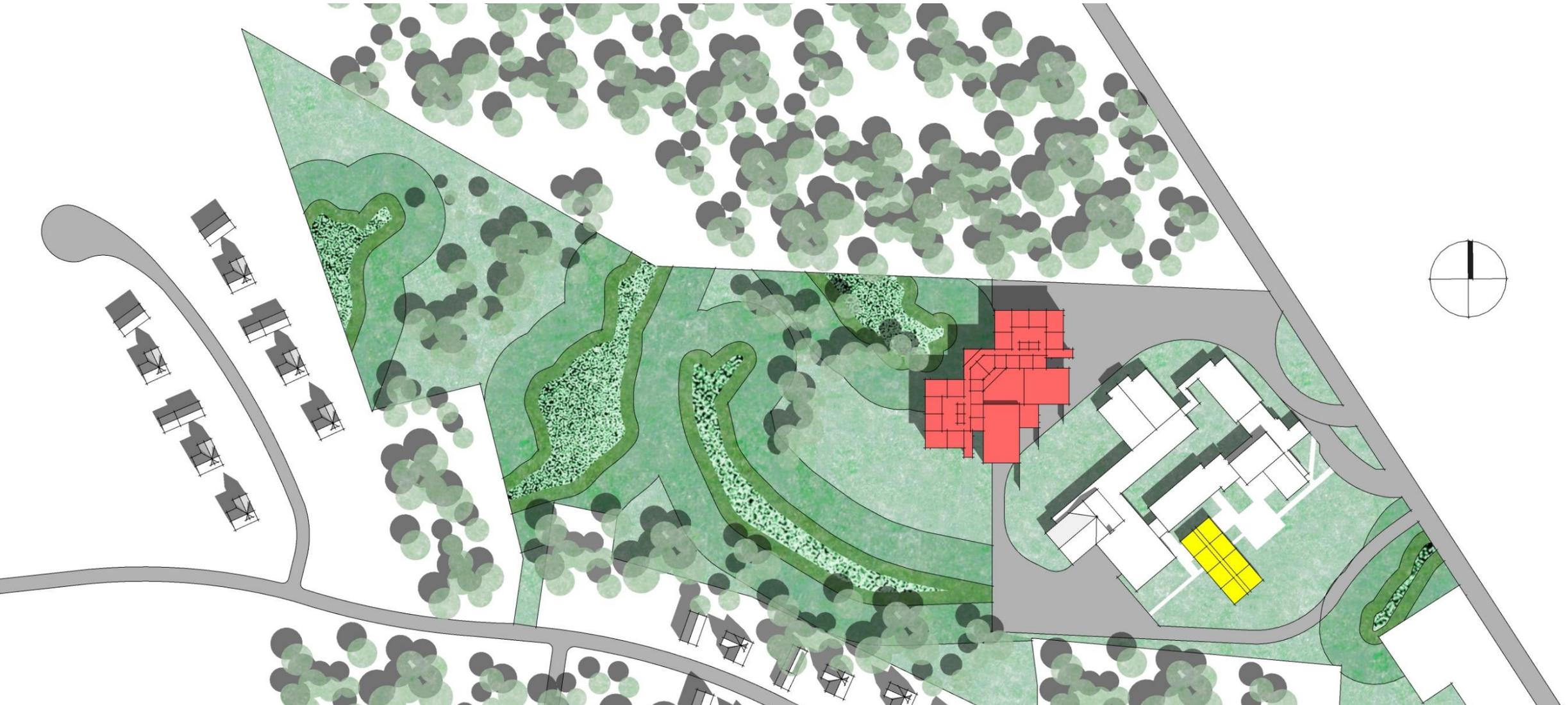
**KEY**

- Property Line
- 25' Zoning Setback
- P** Parking
- ▲ Vehicular Access
- ▲ Pedestrian Access
- △ Inactive Access
- ~~~~~ Treeline
- Wetlands
- 25' Buffer Zone
- 30' Buffer Zone (Driveway)
- 50' Buffer Zone (Parking & Building)
- 100' Buffer Zone
- New Tree

# Site Concepts: 3. New Construction "L" Scheme



# Site Concepts: 4. Interview Scheme



# Site Concepts: 4. Interview Scheme



| SMMA

# 5. Review

Schedule Moving Forward

# Upcoming Schedule

February	Topic	Hosted by	Location
Thurs 6 <sup>th</sup> 7.30-9.00am	SBC Meeting Concept Pricing Order of Magnitude	SBC	School Admin Conf Room
Mon 17 <sup>th</sup> thru Fri 21 <sup>st</sup>	School Vacation Week		
Thurs 20 <sup>th</sup> or 27 <sup>th</sup> 7.30-9.00am	SBC Meeting Approve PDP issuance to MSBA	SBC	School Admin Conf Room

| SMMA

Thank you

