

February 12, 2025



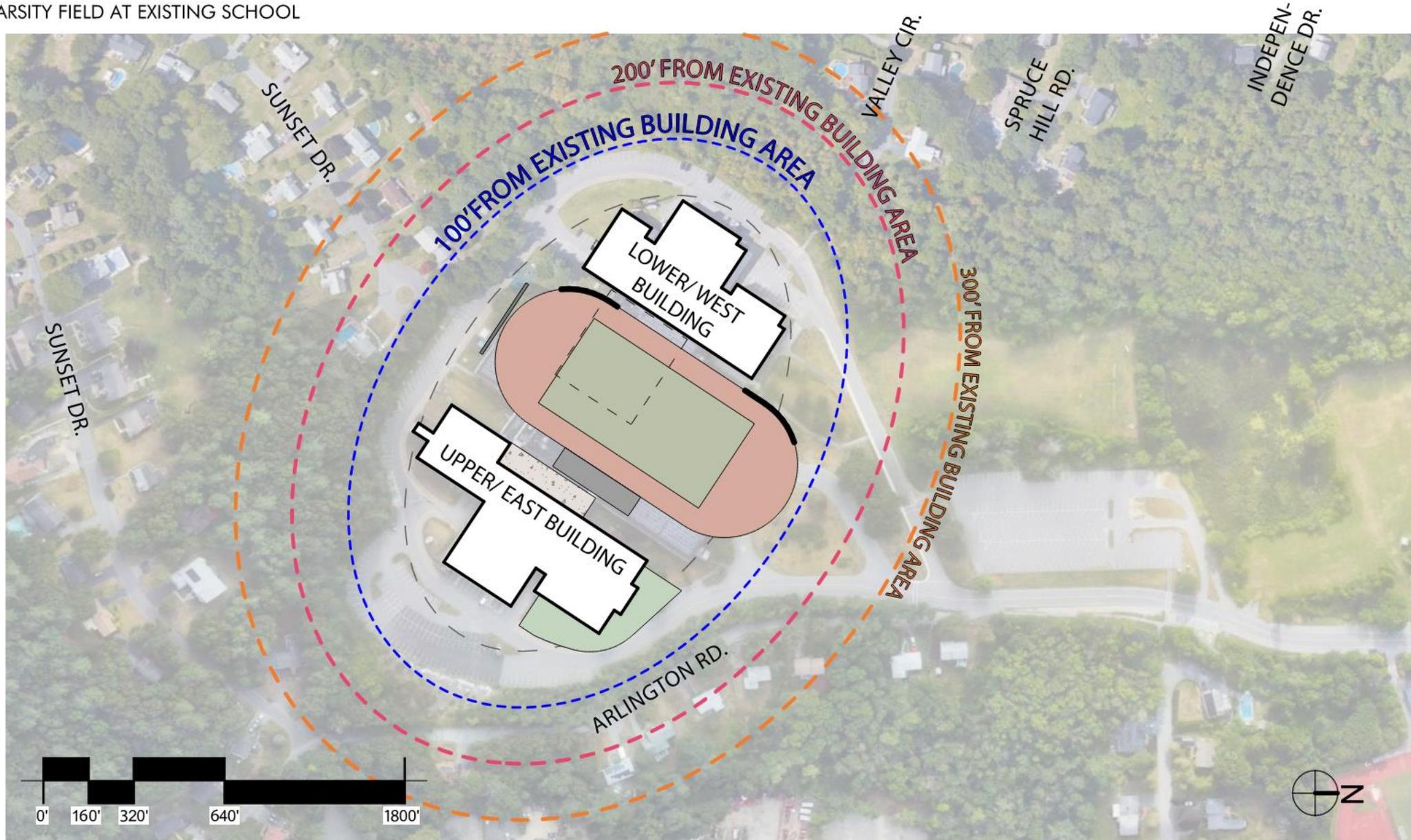
Burlington High School Project
Community Meeting No. 2
February 12, 2025, 6:30 PM

1. Welcome
2. Video
3. Existing High School – Renovation & Development
4. Varsity Field (Alternative Locations, Lighting, Acoustics)
5. Site Conditions, Logistics & Constraints
6. Options Under Consideration
7. Project Schedule
8. Q&A
9. Upcoming Meetings
10. Appendix

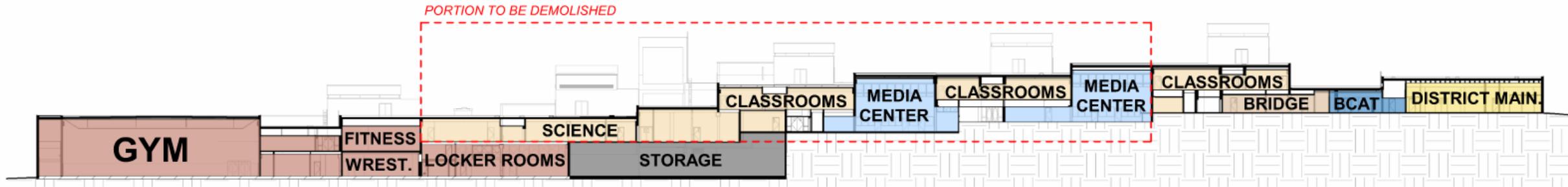
2. Video

3. Existing High School – Renovation & Development

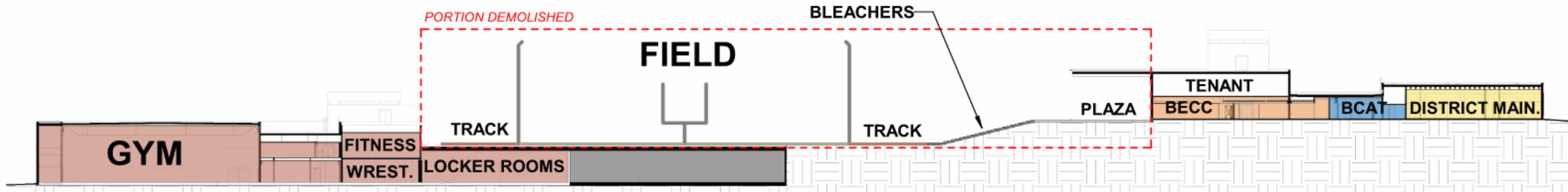
VARSITY FIELD AT EXISTING SCHOOL



3. Existing High School – Renovation & Development



1 EXISTING BUILDING SECTION
A2 1" = 50'-0"

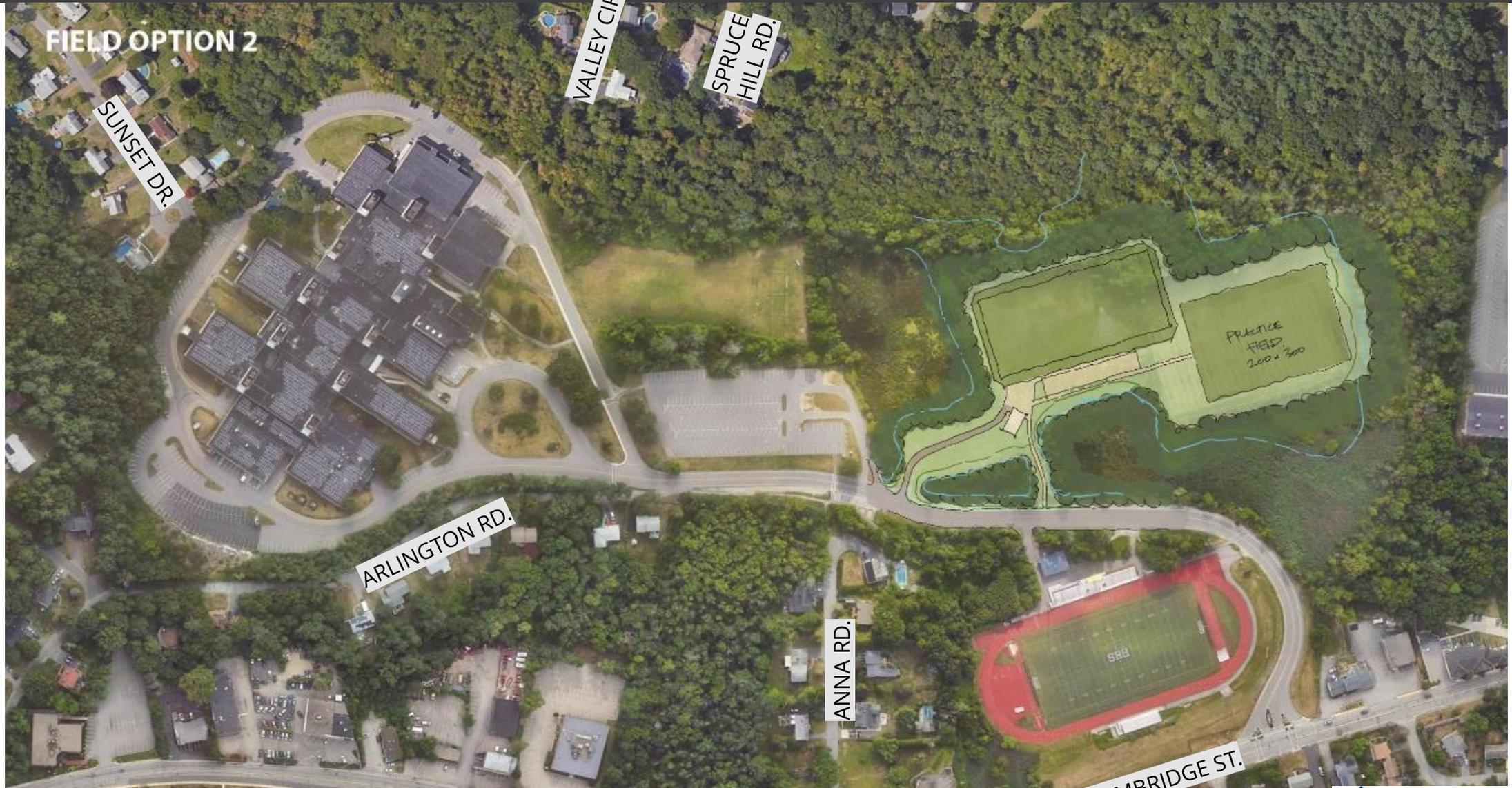


2 NEW SITE SECTION
A2 1" = 50'-0"

4. Varsity Field - Alternative Locations



4. Varsity Field - Alternative Locations



4. Varsity Field - Alternative Locations



4. Varsity Field - Alternative Locations



4. Varsity Field - Lighting



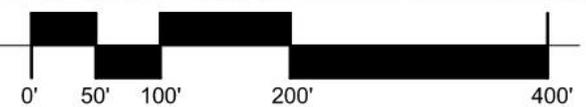
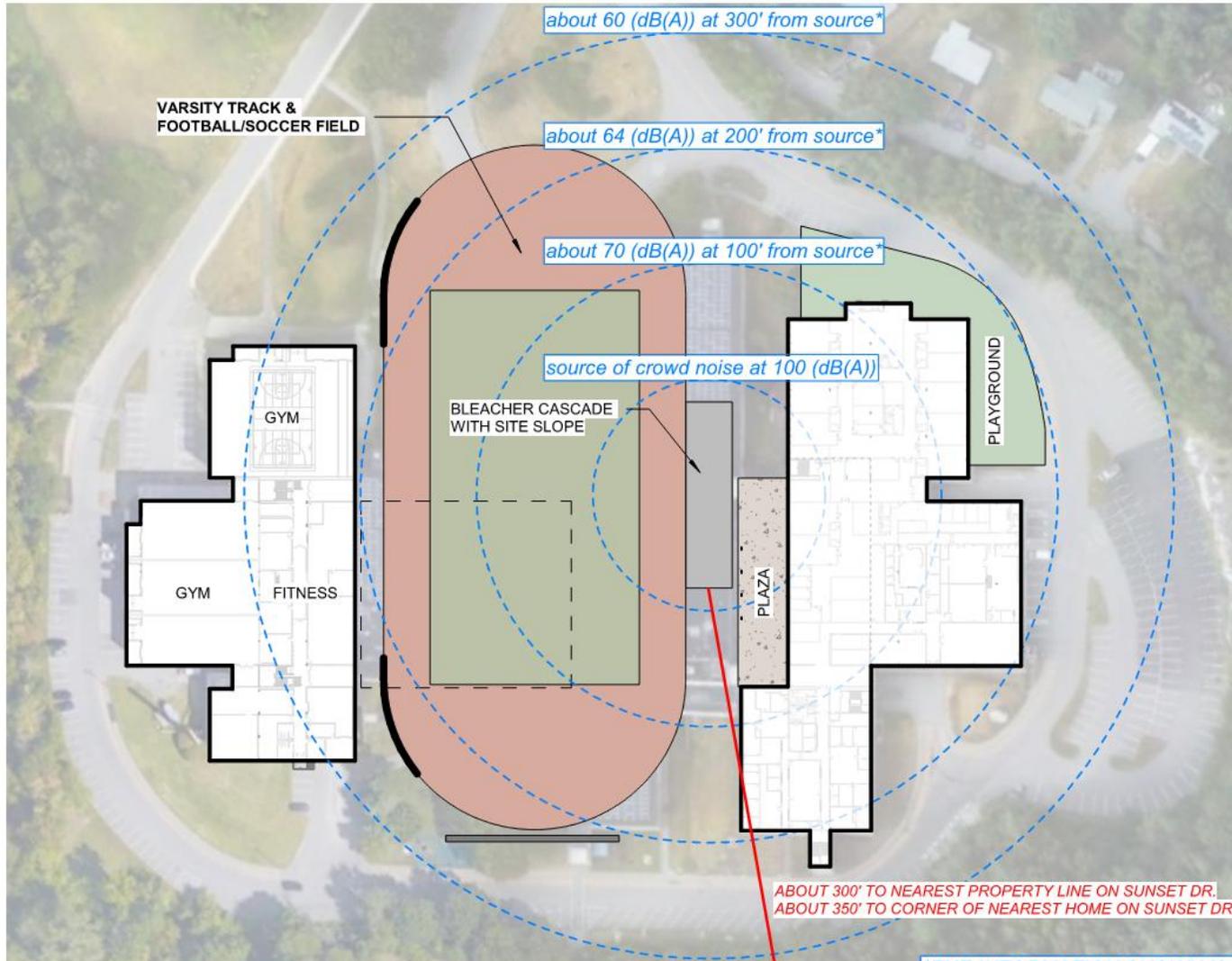
EXAMPLE OF NIGHT SKY COMPLIANT



EXAMPLE OF NIGHT SKY COMPLIANT

4. Varsity Field - Acoustics

VARSITY FIELD ACOUSTICS



*THE INFORMATION SHOWN IS FOR ANALYSIS ONLY AND IS NOT SITE SPECIFIC DATA. EXISTING AMBIENT BACKGROUND NOISE TO BE VERIFIED.

LEVELS OF NOISE In decibels (dB)

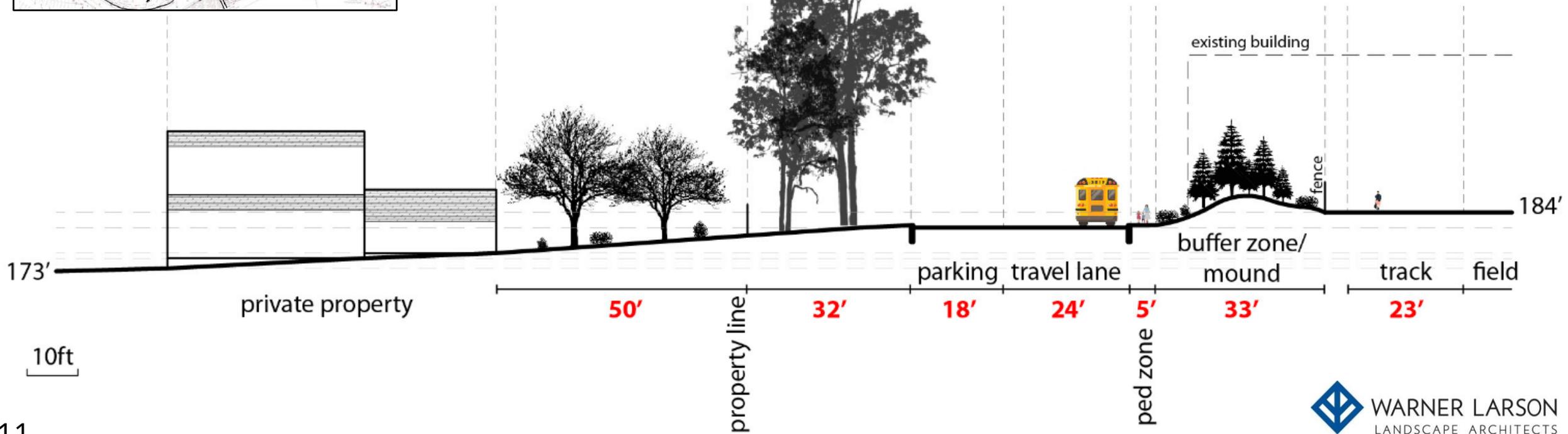
| | | |
|---|-----|---|
| PAINFUL & DANGEROUS | | |
| Use hearing protection or avoid | 140 | • Fireworks • Gun shots • Custom car stereos (at full volume) |
| | 130 | • Jackhammers • Ambulances |
| UNCOMFORTABLE | | |
| Dangerous over 30 seconds | 120 | • Jet planes (during take off) |
| VERY LOUD | | |
| Dangerous over 30 minutes | 110 | • Concerts (any genre of music) • Car horns • Sporting events |
| | 100 | • Snowmobiles • MP3 players (at full volume) |
| | 90 | • Lawnmowers • Power tools • Blenders • Hair dryers |
| Over 85 dB for extended periods can cause permanent hearing loss. | | |
| LOUD | | |
| | 80 | • Alarm clocks |
| | 70 | • Traffic • Vacuums |
| MODERATE | | |
| | 60 | • Normal conversation • Dishwashers |
| | 50 | • Moderate rainfall |
| SOFT | | |
| | 40 | • Quiet library |
| | 30 | • Whisper |
| FAINT | | |
| | 20 | • Leaves rustling |

FROM THE AMERICAN ACADEMY OF AUDIOLOGY



AERIAL VIEW OF EXISTING SITE

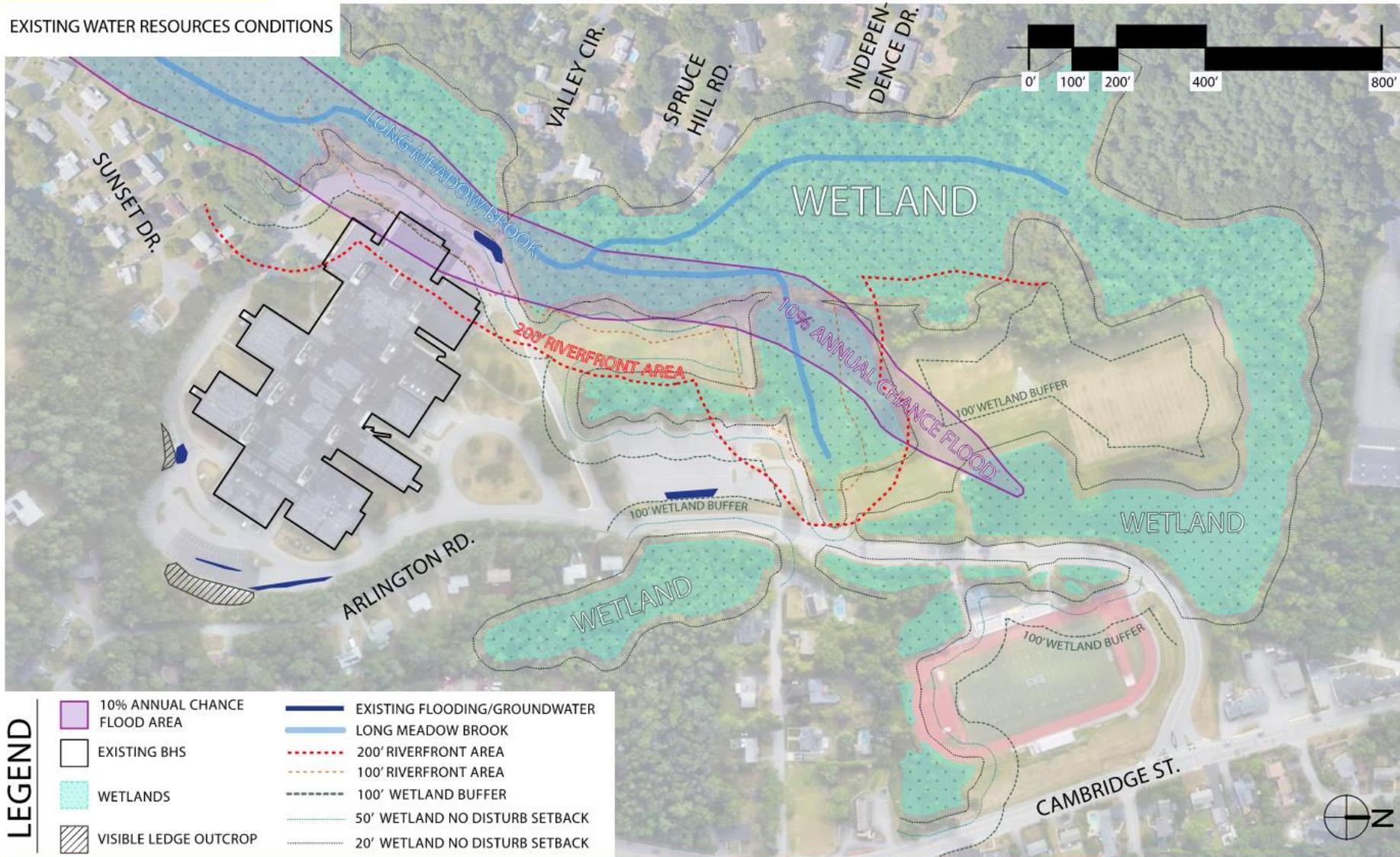
4. Varsity Field - Acoustics



5. Existing High School – Water Mitigation

BURLINGTON HIGH SCHOOL

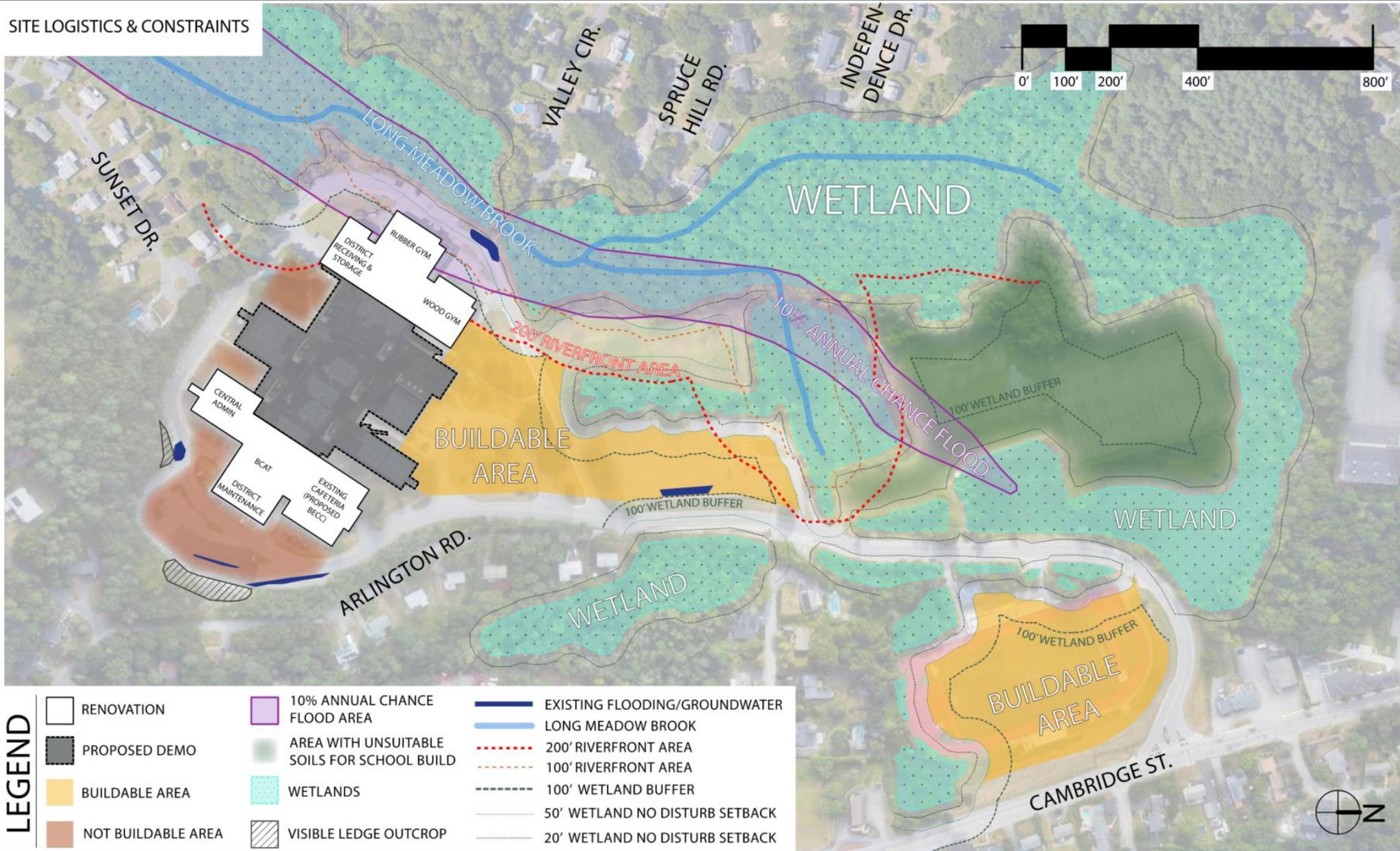
EXISTING WATER RESOURCES CONDITIONS



Depending on the scope of anticipated work, portions of or the existing site drainage system will be upgraded or replaced to bring the site in compliance with MassDEP Stormwater Regulations and the Burlington Stormwater Regulations. At a minimum, the project will not create any new stormwater discharges directly to wetlands or cause erosion in wetland or waters of the Commonwealth. **The proposed stormwater management system will not adversely impact the resource areas on site or abutting properties.**

5. Site Logistics & Constraints

SITE LOGISTICS & CONSTRAINTS



LEGEND

- | | | |
|--------------------|---|--------------------------------|
| RENOVATION | 10% ANNUAL CHANCE FLOOD AREA | EXISTING FLOODING/GROUNDWATER |
| PROPOSED DEMO | AREA WITH UNSUITABLE SOILS FOR SCHOOL BUILD | LONG MEADOW BROOK |
| BUILDABLE AREA | WETLANDS | 200' RIVERFRONT AREA |
| NOT BUILDABLE AREA | VISIBLE LEDGE OUTCROP | 100' RIVERFRONT AREA |
| | | 100' WETLAND BUFFER |
| | | 50' WETLAND NO DISTURB SETBACK |
| | | 20' WETLAND NO DISTURB SETBACK |

6. Options Under Consideration



OPTION AR2 ADDITION/ RENOVATION



6. Options Under Consideration

NC1 SITE PLAN



OPTION NC1 NEW CONSTRUCTION



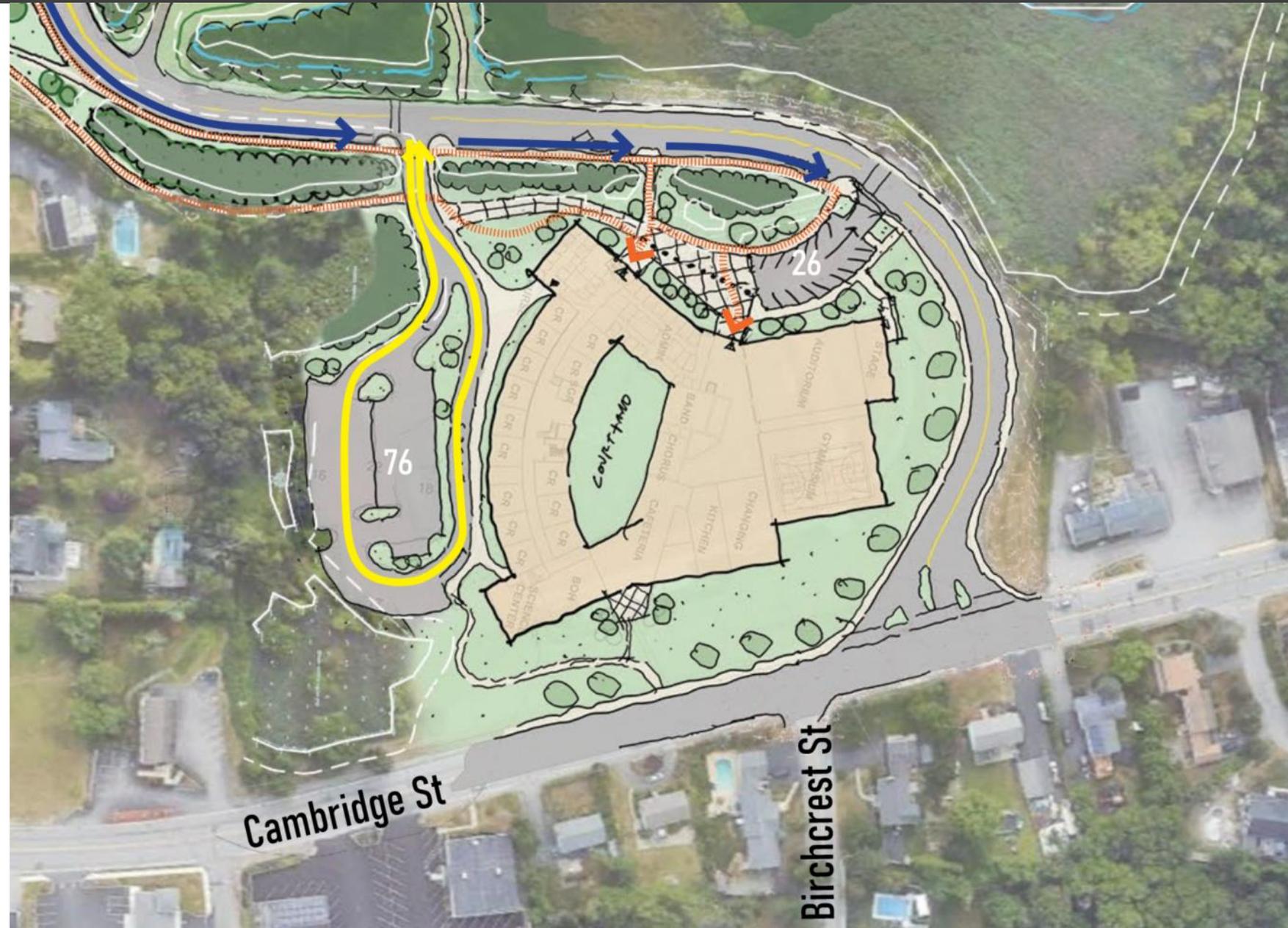
6. Options Under Consideration

OPTION NC4 NEW CONSTRUCTION



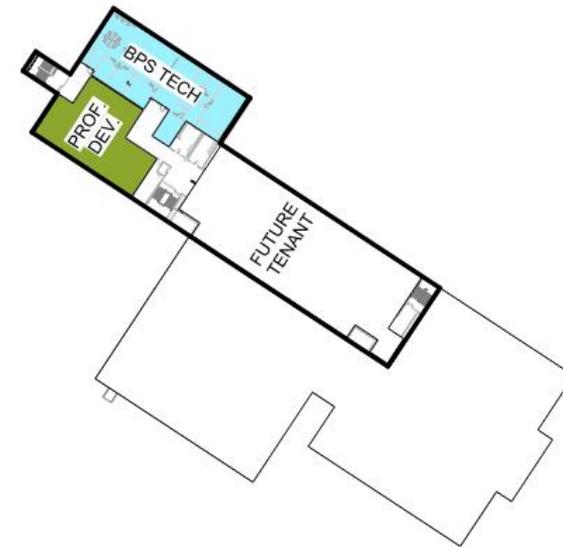
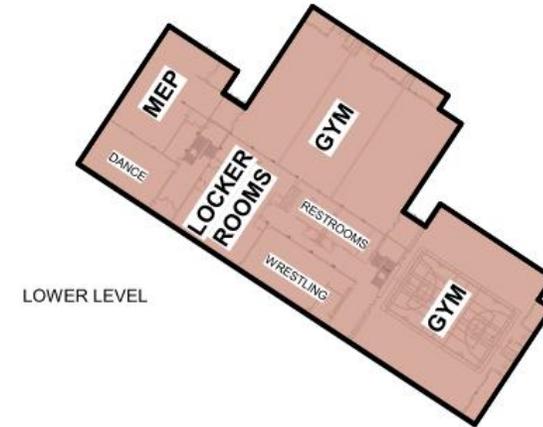
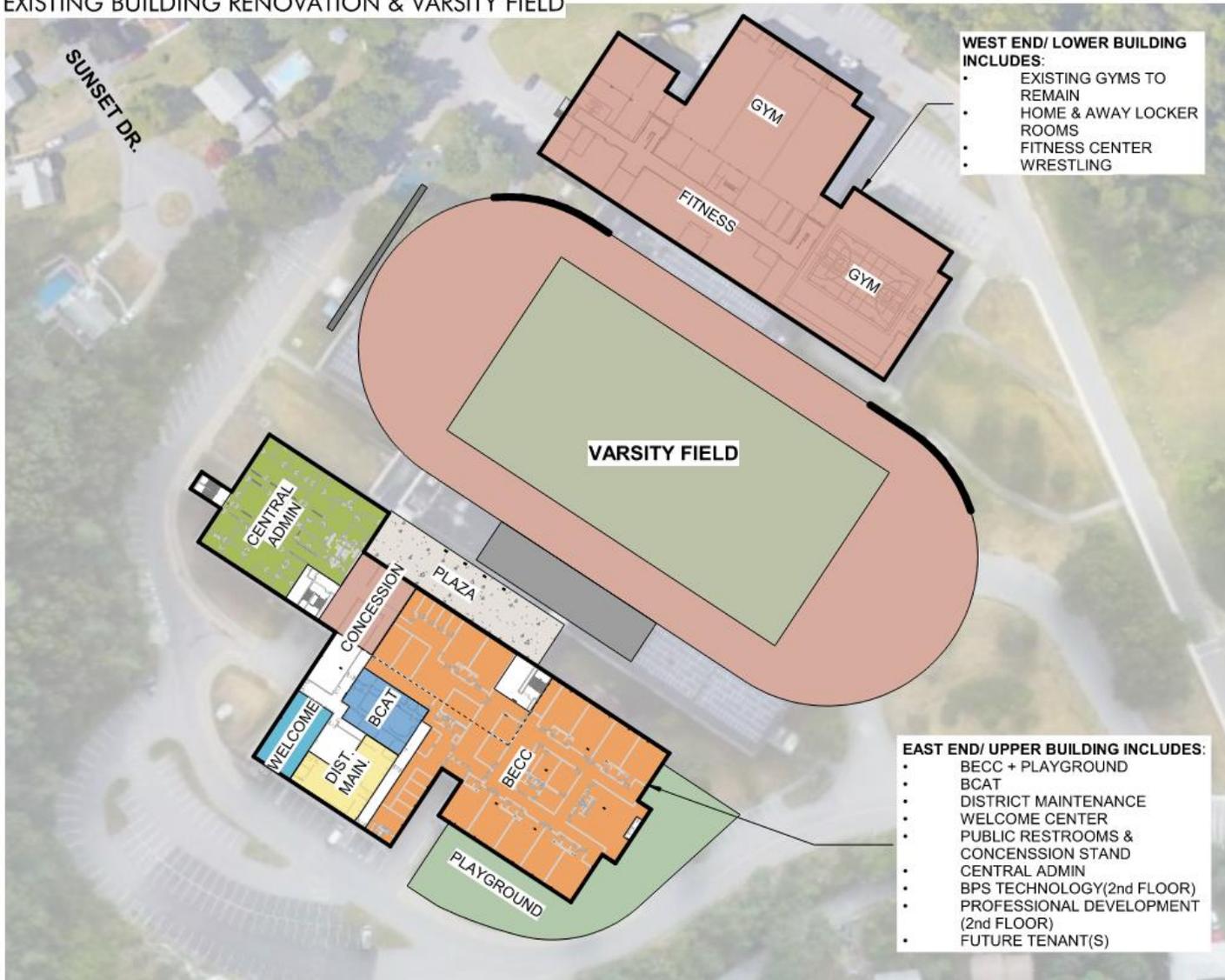
6. Options Under Consideration

OPTION NC5
NEW CONSTRUCTION



6. Options Under Consideration

EXISTING BUILDING RENOVATION & VARSITY FIELD

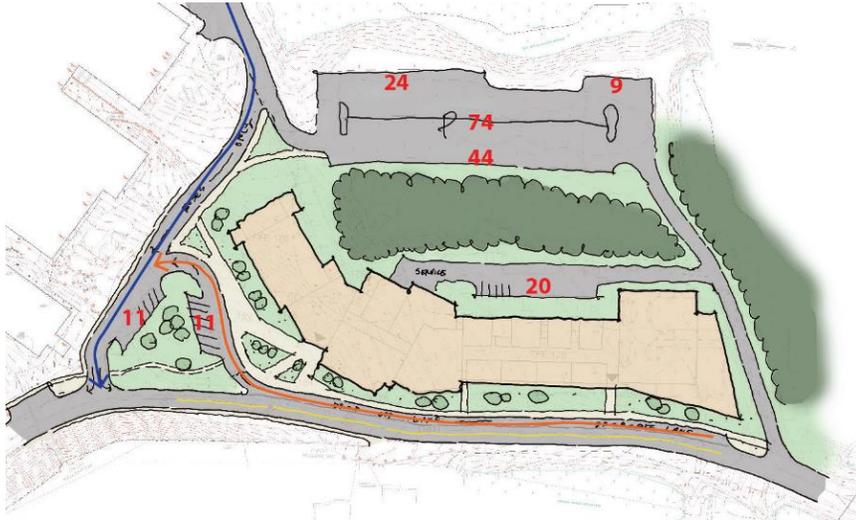


6. Options Under Consideration – Cost

PDP COST COMPARISONS



6. Options Under Consideration - Summary



NC1 36 MONTHS



NC4 36 MONTHS



NC5 36 MONTHS

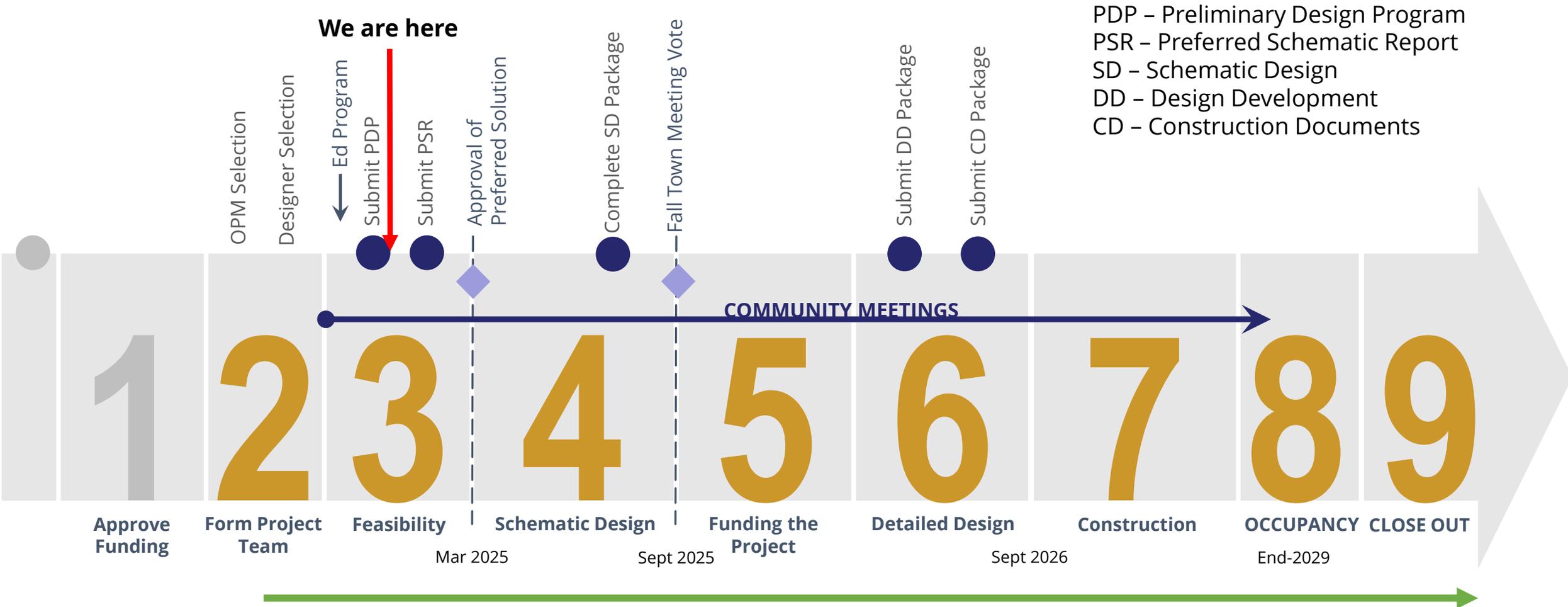


AR2 48 MONTHS

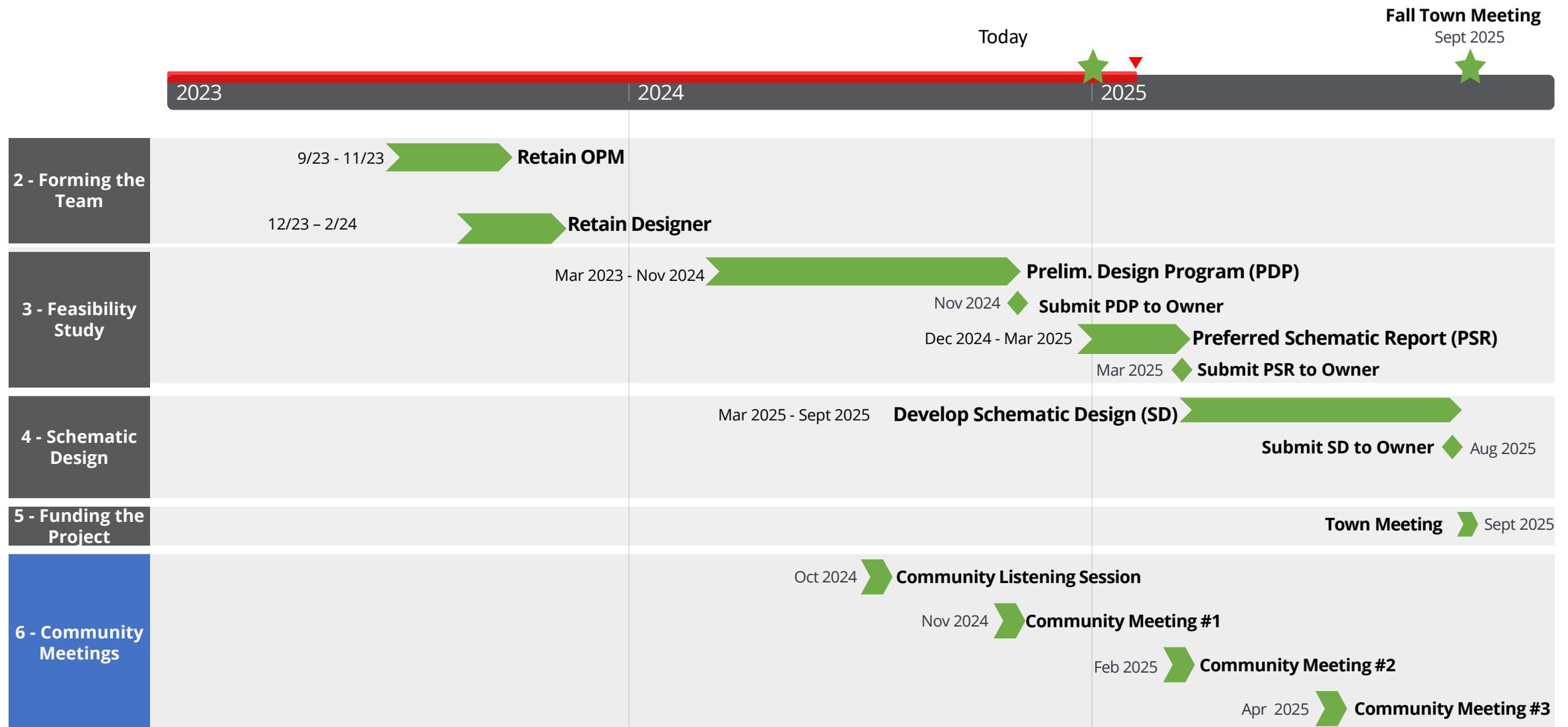


AR8 42 MONTHS

7. Project Schedule



7. Project Schedule cont.



** All dates are preliminary and are subject to change as project details develop*

8. Q&A

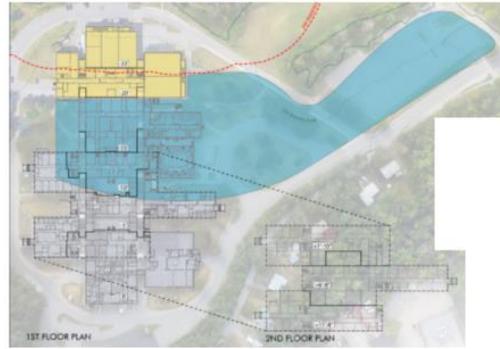
9. Upcoming Meetings

- **Community Meeting #2 – February 12, 2024. Project Update and Community Feedback**
- SBC #13 – February 13, 2024 Timeline and Designer Update
- SBC#14 – March 13, 2024 PSR Submission and Review
- SBC#15 – April 10, 2024
- SBC#16 – May 8, 2024
- SBC #17 – June 12, 2024
- **Community Meeting #3 – July 2024**

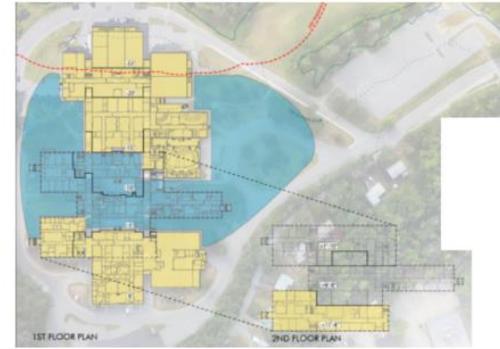
10. Appendix



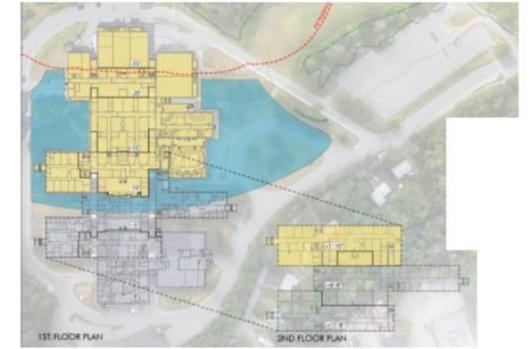
STRATEGY 1 *RENO*



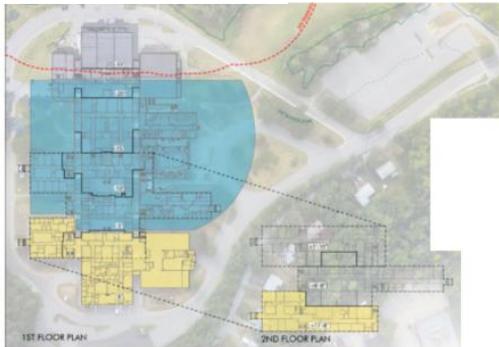
STRATEGY 2 *RENO + ADD*



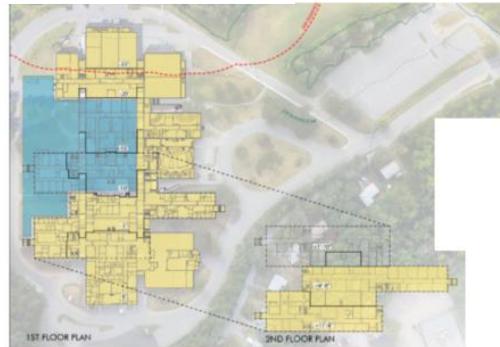
STRATEGY 3 *RENO + ADD*



STRATEGY 4 *RENO + ADD*



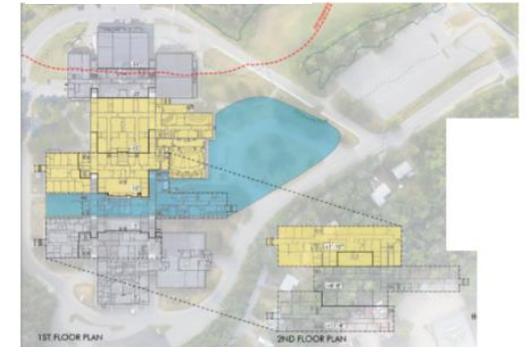
STRATEGY 5 *RENO + ADD*



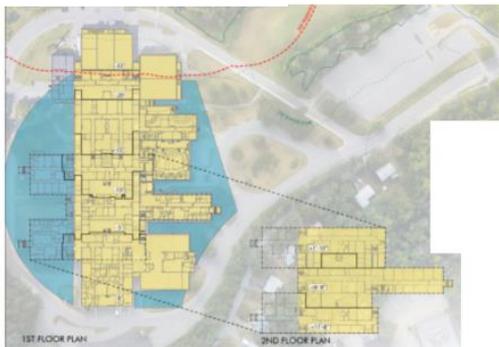
STRATEGY 6 *RENO + ADD*



STRATEGY 7 *RENO + ADD*



STRATEGY 8 *RENO + ADD*

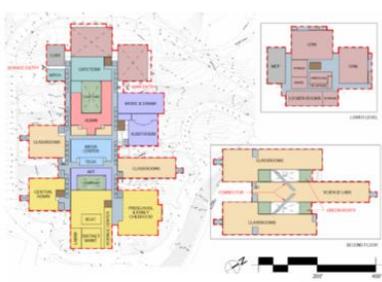


STRATEGY 9 *RENO + ADD*



NEW CONSTRUCTION

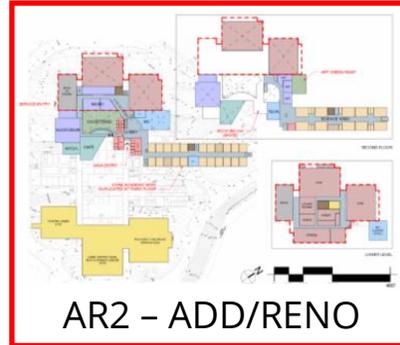
10. Appendix



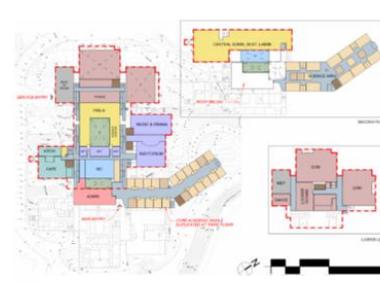
R1 - RENO



AR1 - ADD/RENO



AR2 - ADD/RENO



AR3 - ADD/RENO



AR4A - ADD/RENO



AR4B - ADD/RENO



AR5 - ADD/RENO



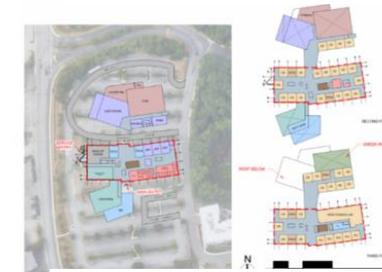
AR6 - ADD/RENO



AR7 - ADD/RENO



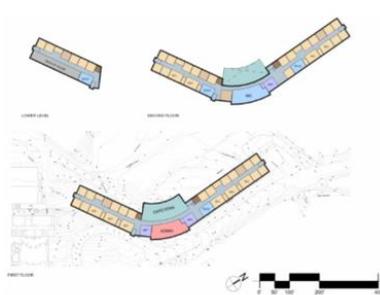
AR8 - ADD/RENO



AR9 - ADD/RENO



NC1 - NEW



NC2 - NEW



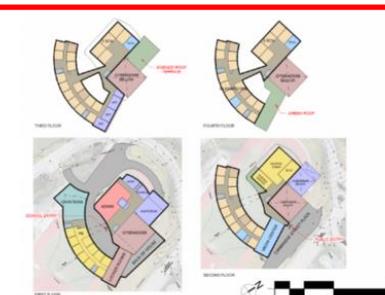
NC3 - NEW



NC4 - NEW



NC5A - NEW



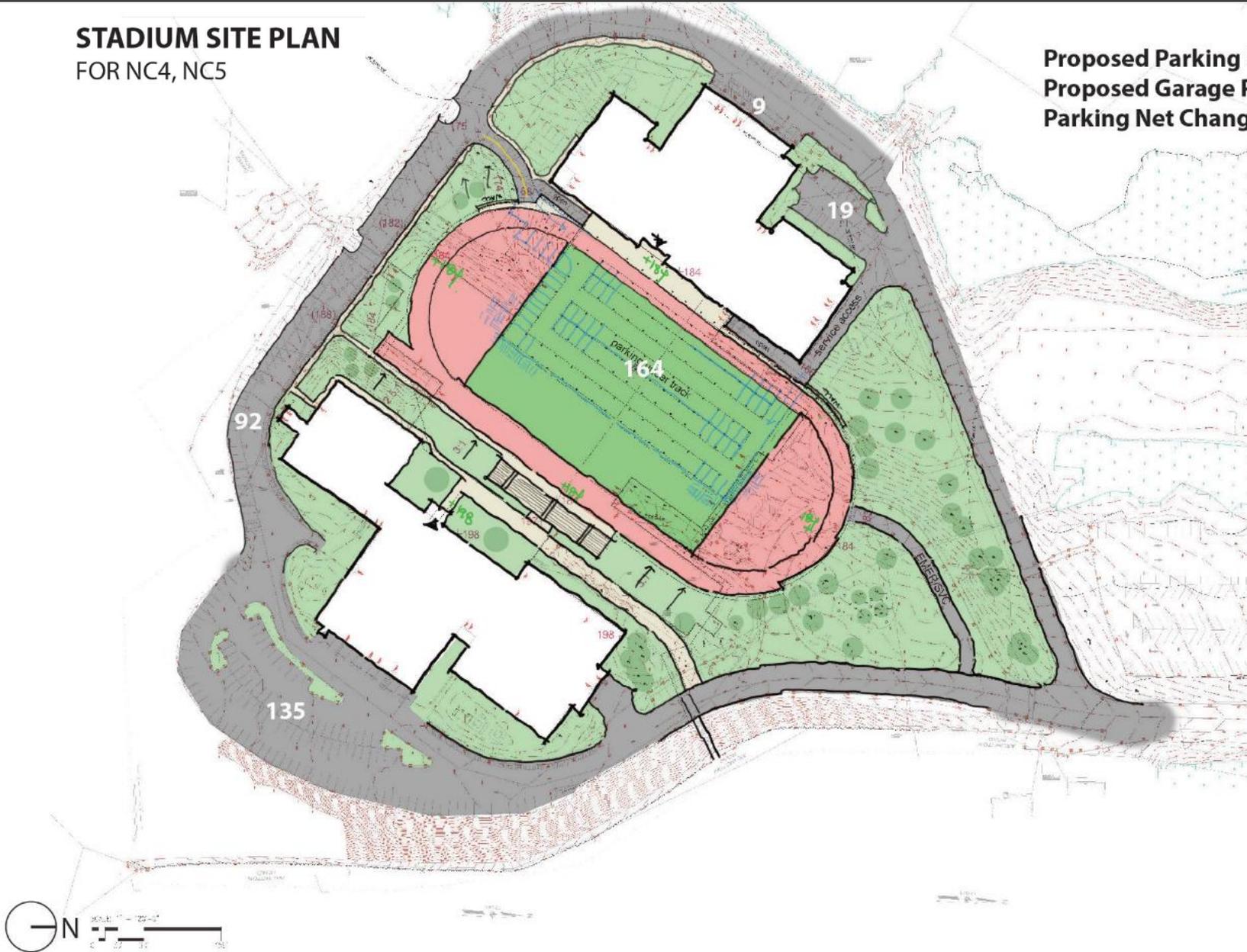
NC5B - NEW

 OPTIONS SELECTED TO FURTHER STUDY

10. Appendix

STADIUM SITE PLAN FOR NC4, NC5

Proposed Parking Space without Garage: 255
Proposed Garage Parking Space: 164
Parking Net Change: +138



10. Appendix

ADDITION RENOVATION OPTION AR2



10. Appendix

ADDITION RENOVATION OPTION AR8

PROS

- PRESERVES EXISTING GYMS FOR HIGH SCHOOL
- MAINTAINS EXISTING STUDENT LOT & VARIETY FIELD
- CONTINUED USE OF AUDITORIUM DURING MOST OF CONSTRUCTION
- EASIER TRANSITION FOR BECC

CONS

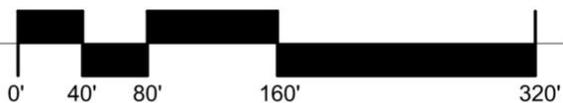
- DISRUPTIVE CONSTRUCTION
- EXISTING AUDITORIUM REQUIRES RENOVATION TO BE MADE ACCESSIBLE
- LEVEL CHANGES THROUGHOUT
- POOR CIRCULATION / FAR TRAVEL DISTANCES
- SINGLE STORY CAFETERIA
- EXTENSIVE SITE WORK
- FOUR STORIES
- COURTYARD MAINTENANCE
- UNFAVORABLE ORIENTATION (EAST/WEST FACING)
- ISOLATED LOWER LEVEL CLASSROOM POD
- MINIAL DOUBLE HEIGHT SPACES

| HIGH SCHOOL GSF* | |
|------------------|------|
| Name | Area |

| | |
|------------------------------------|-----------|
| RENO EXIST. BASEMENT/ GYM LEVEL | 54518 SF |
| NEW LOWER LEVEL | 30240 SF |
| RENO LEVEL ONE | 52684 SF |
| NEW LEVEL ONE | 46072 SF |
| NEW LEVEL TWO | 42623 SF |
| NEW LEVEL THREE | 41837 SF |
| Grand total | 267975 SF |

| NON-HS RENO GSF | |
|-----------------|------|
| Name | Area |

| | |
|----------------|----------|
| NON-HS LEVEL 1 | 68034 SF |
| NON-HS LEVEL 2 | 28258 SF |
| Grand total | 96292 SF |



LEVEL ONE

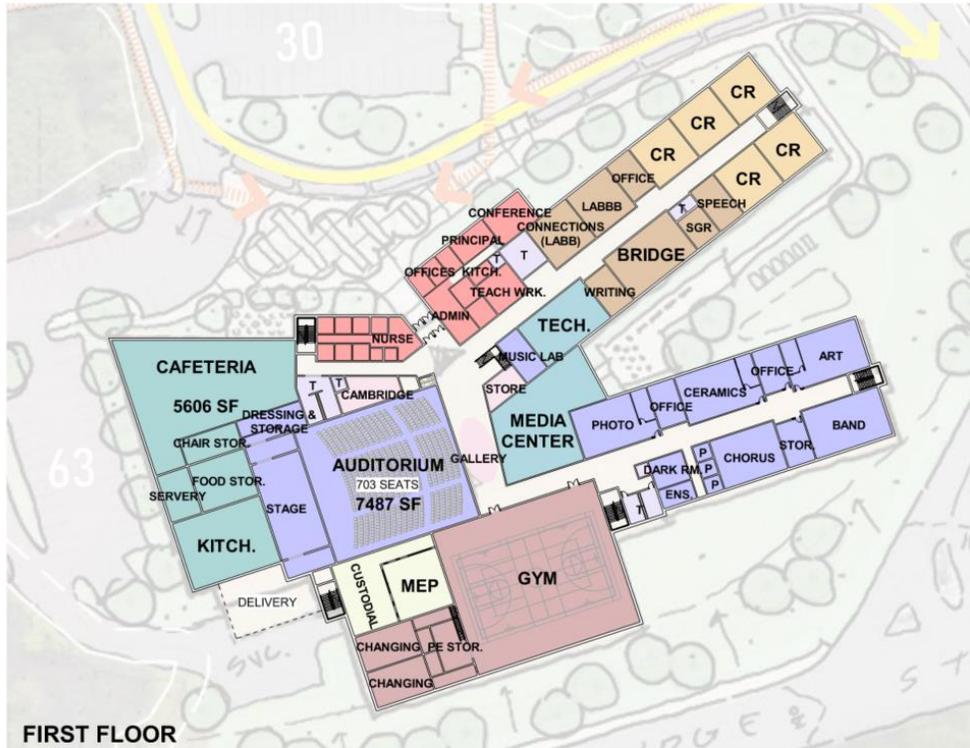
10. Appendix

ADDITION RENOVATION OPTION AR8



10. Appendix

NEW CONSTRUCTION OPTION NC4

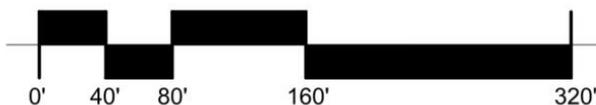


| HIGH SCHOOL GSF | |
|-----------------|------|
| Name | Area |

| | |
|--------------|-----------|
| FIRST FLOOR | 84375 SF |
| SECOND FLOOR | 61589 SF |
| THIRD FLOOR | 61627 SF |
| Grand total | 207591 SF |

| NON-HS RENO GSF | |
|-----------------|------|
| Name | Area |

| | |
|----------------------|-----------|
| GYMS / LOWER LEVEL | 53105 SF |
| FITNESS / MAIN FLOOR | 21449 SF |
| NON-HS MAIN FLOOR | 67966 SF |
| NON-HS SECOND FLOOR | 27014 SF |
| Grand total | 169534 SF |



PROS

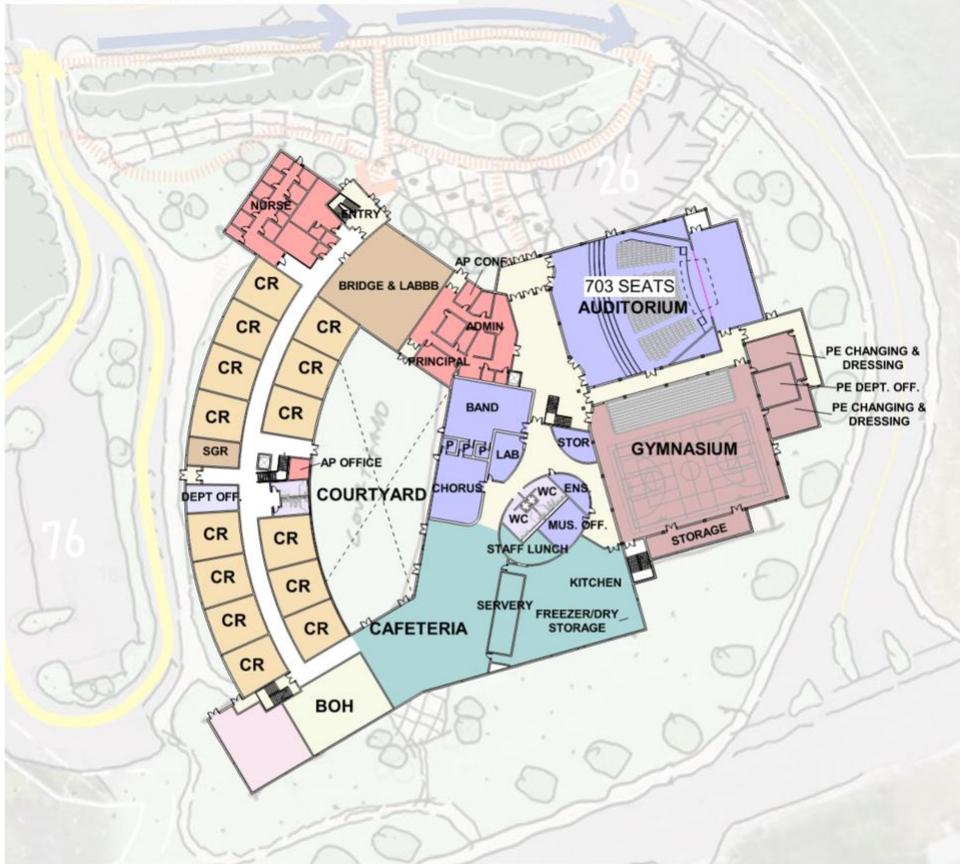
- LEAST DISRUPTIVE & QUICKER CONSTRUCTION
- NEW SCHOOL
- BETTER PROGRAM ADJACENCIES
- LEVEL FLOOR PLATES
- MAINTAINS STUDENT LOT

CONS

- RELOCATES VARIETY FIELD
- POOR CIRCULATION BETWEEN WINGS

10. Appendix

NEW CONSTRUCTION OPTION NC5



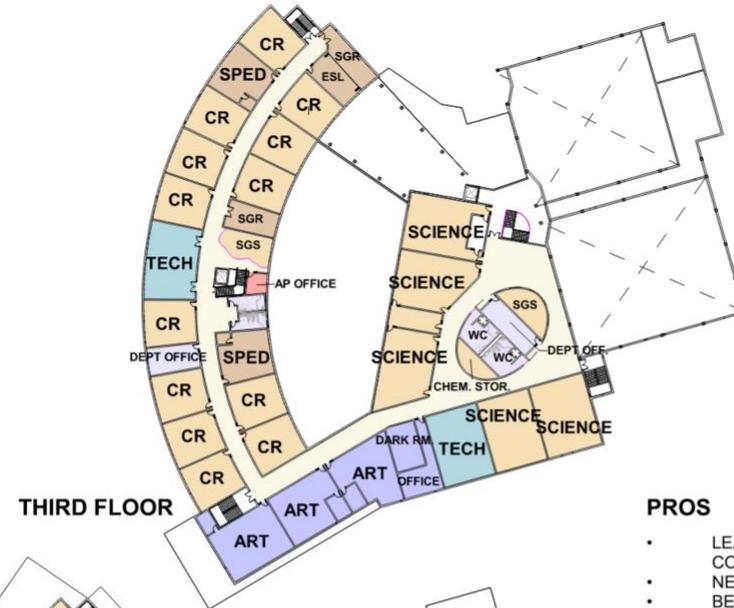
FIRST FLOOR

| HIGH SCHOOL GSF | |
|-----------------|------|
| Name | Area |

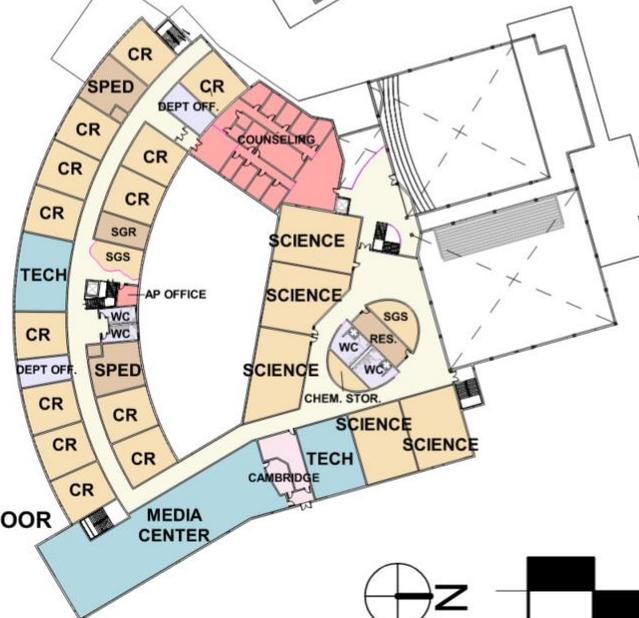
| | |
|--------------|-----------|
| FIRST FLOOR | 84165 SF |
| SECOND FLOOR | 56562 SF |
| THIRD FLOOR | 48753 SF |
| Grand total | 189480 SF |

NON-HS RENO GSF

| Name | Area |
|----------------------|-----------|
| GYM / LOWER LEVEL | 53105 SF |
| FITNESS / MAIN FLOOR | 21449 SF |
| NON-HS MAIN FLOOR | 67966 SF |
| NON-HS SECOND FLOOR | 27014 SF |
| Grand total | 169534 SF |



THIRD FLOOR



SECOND FLOOR

PROS

- LEAST DISRUPTIVE & QUICKER CONSTRUCTION
- NEW SCHOOL
- BETTER PROGRAM
- ADJACENCIES & CIRCULATION
- LEVEL FLOOR PLATES
- MAINTAINS STUDENT LOT
- OPTIMAL SOLAR ORIENTATION
- SEPARATION OF PUBLIC AND PRIVATE SPACES (SECURITY)
- COMMUNITY ACCESS VIA CAMBRIDGE ST.

CONS

- RELOCATES VARISTY FIELD

