

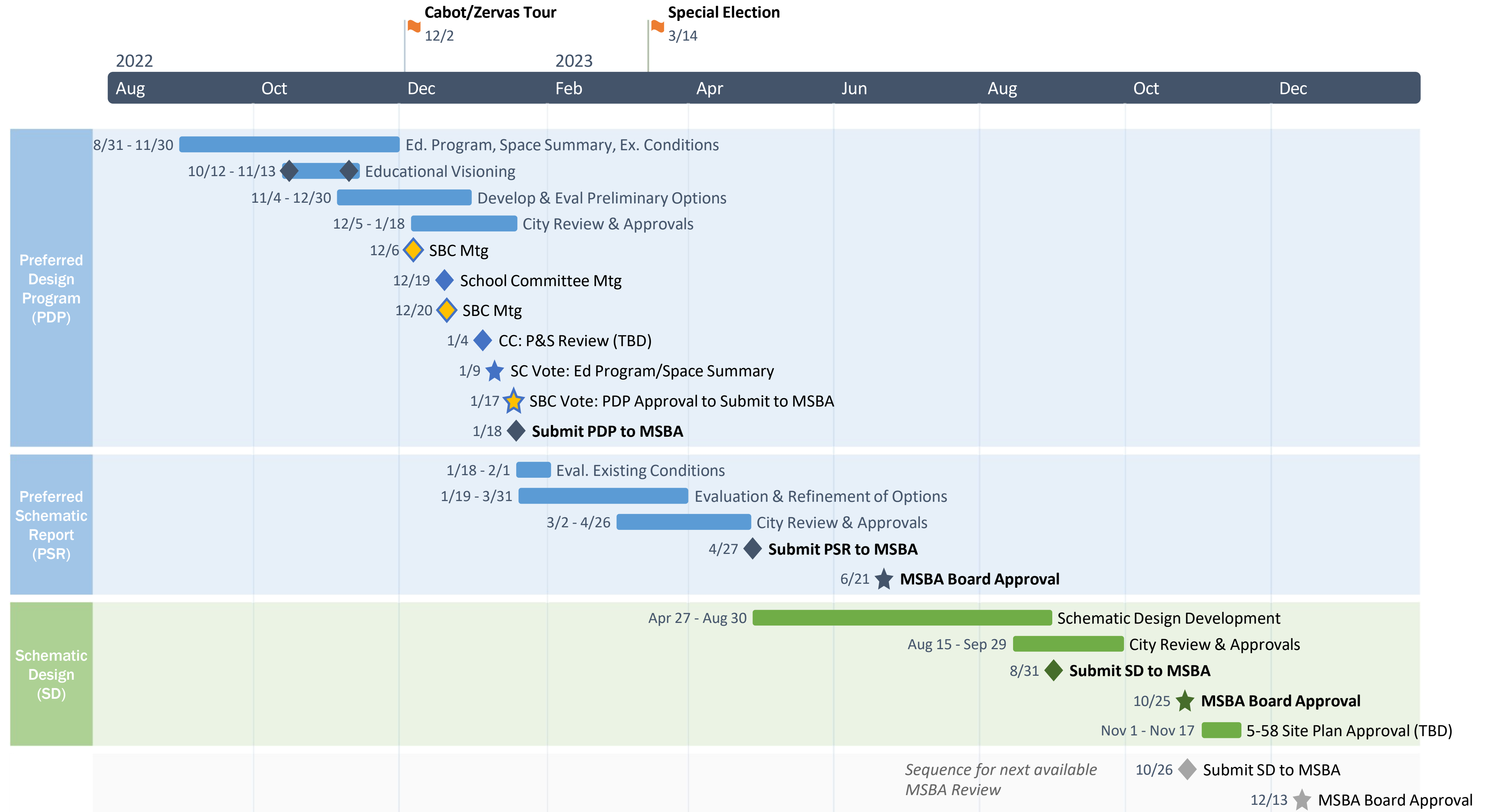


Programs and Services
Committee Meeting

COUNTRYSIDE ELEMENTARY SCHOOL

Newton, MA

Project Timeline/Schedule



MSBA Process

Module 3 Activities - Feasibility Study:

Submit Preliminary Design Program (PDP)

- Educational program and Space Summary
- Existing conditions report
- Establish design parameters
- Develop and evaluate alternates

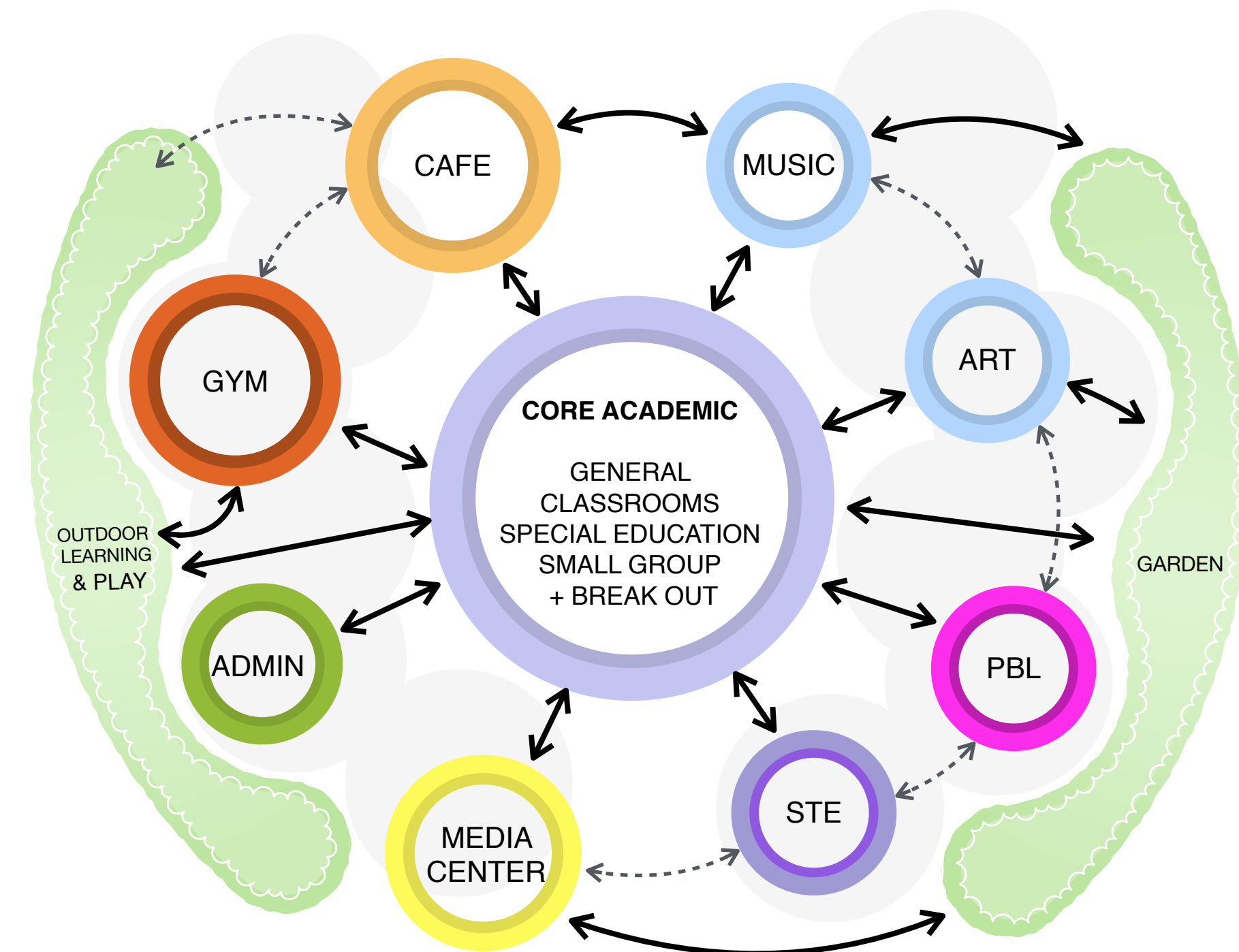
Preferred Schematic Report:

- Summarize the process and conclusions of the Preliminary and Final Evaluation of Alternatives
- Cost comparison table
- Document District's selection and recommendation of the most cost effective and educationally appropriate preferred solution to the MSBA
- Submit Preferred Schematic Report (PSR)



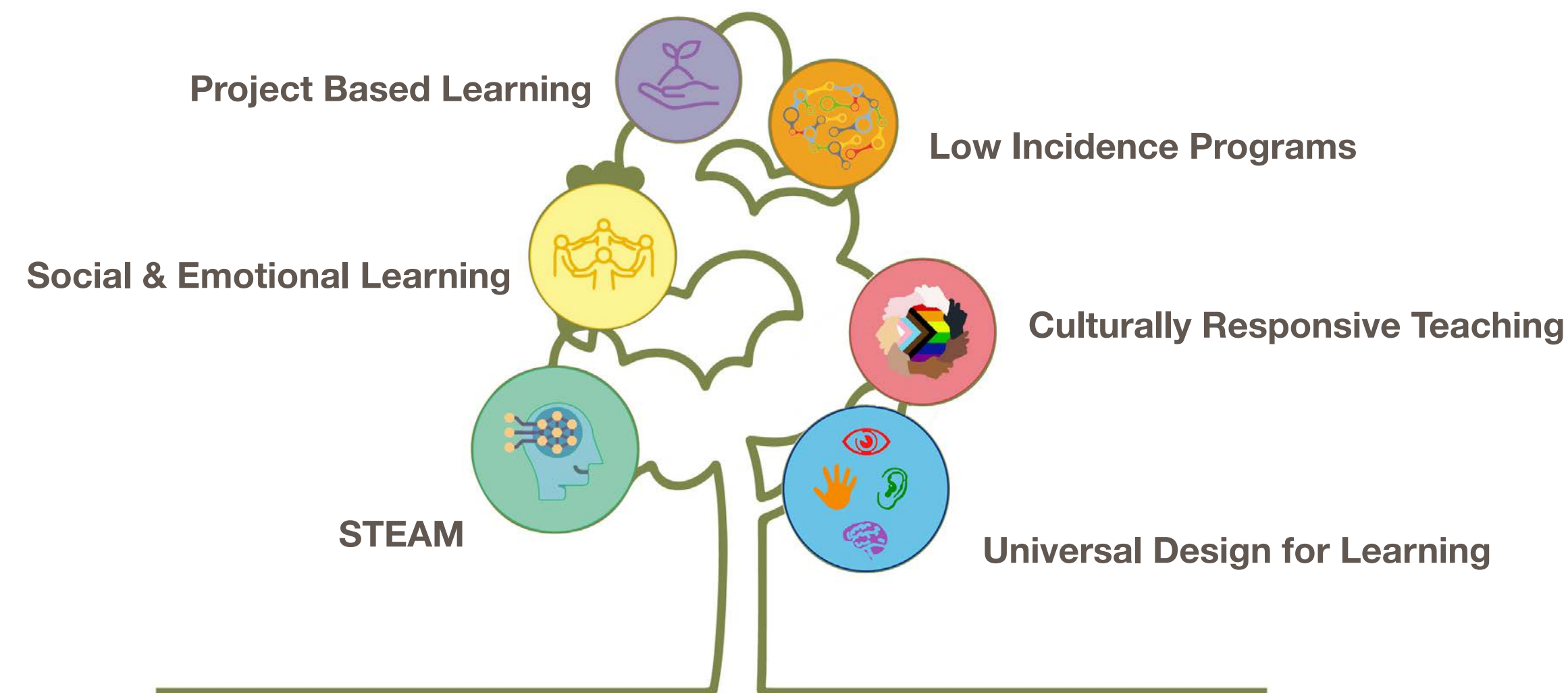
MSBA Process | Educational Program

- Identifies special education programs offered district-wide
- Identifies programs to be offered within the “new” Countryside School
- Identifies programmatic spatial relationships and adjacencies
- The program defines the space needs and total square footage for the project



Visioning Sessions | Educational Goals

- Student Centered Learning
- Personalized Learning and Support
- Inclusive and Differentiated Instruction
- Tiered Approach to Intervention
- Special Education Support
- Responsive Classroom Approach
- Multi-Sensory Approach
- Social-Emotional Learning
- Project-Based Learning
- Outdoor Learning and Connections
- Movement and Play
- Building School Community

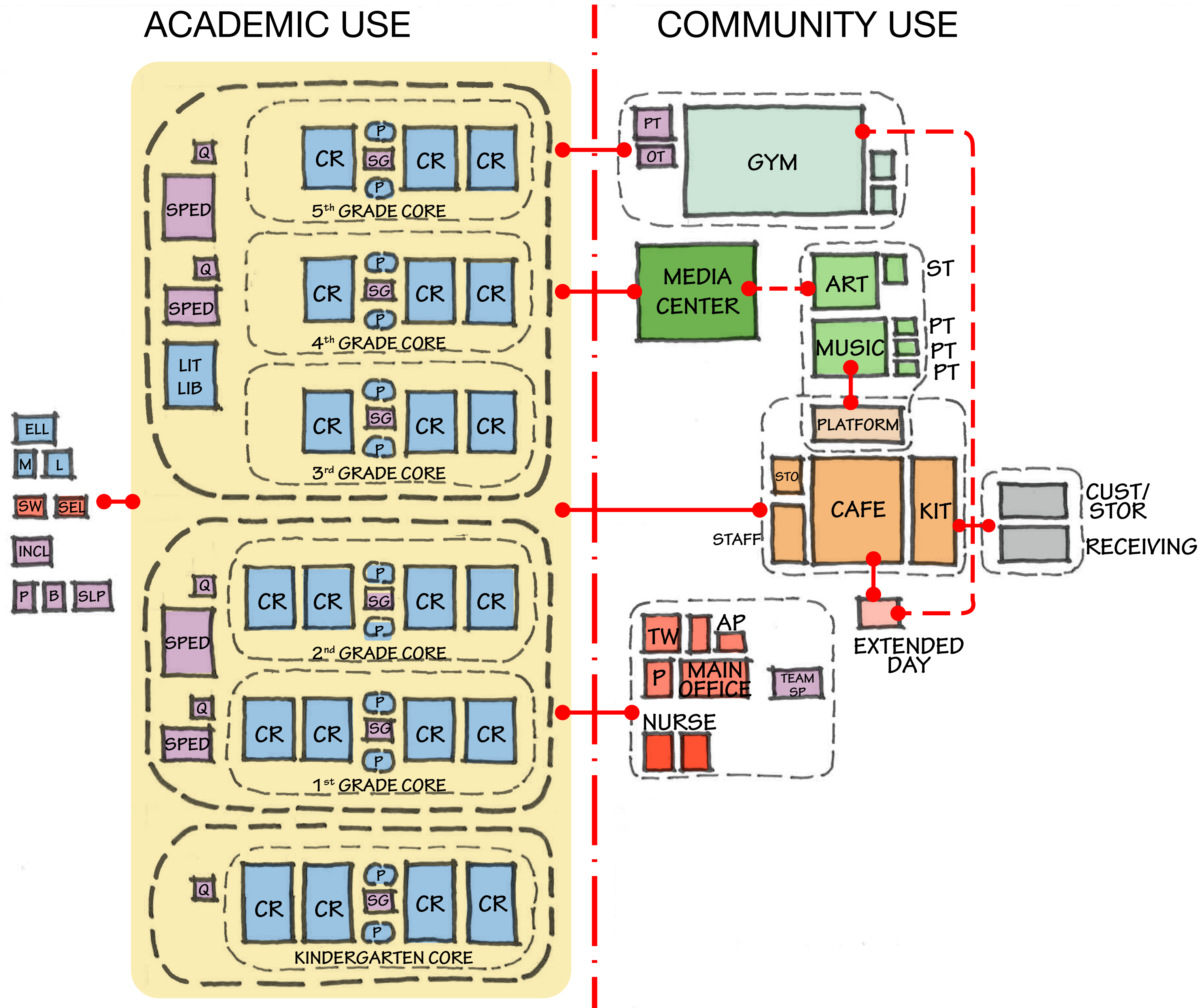


Visioning Sessions | Architectural Goals

- Warmth and Welcome
- Comfort, Flexibility and Safety
- Acoustics
- Wayfinding and Streetscapes
- Display and Exhibition
- Practicality and Durability
- Thoughtful Grade Level Configuration
- Classroom Neighborhoods
- Agile Classrooms
- Special Educational Spaces
- Enrichment Spaces
- Collaborative and Gathering Spaces
- Breakout and Quiet Spaces
- Connectivity
- Professional Work Areas
- Meeting and Small Group Spaces
- Outdoor Learning Spaces
- Sustainability



Spatial Relationships & Adjacencies



What we know:

1st floor

- Administration
- Cafetorium
- Gym
- Kindergarten Classrooms
- Receiving

To be determined:

Location of:

- Library
- Art Room
- Music Room

Site Priorities

- Main entry at drop off area
- Separate bus and parent drop off areas
- Cafetorium connected to play area
- Receiving area in proximity to kitchen
- Gym with access to fields

Preliminary Design Program | Enrollment Alternatives



Class Size Policies

| | |
|-----------------------------------|------------------|
| Kindergarten through Second Grade | 1 to 22 students |
| Third through Fifth Grade | 1 to 24 students |

Option 1 - 340 Student Enrollment

| GOAL Class Size | K | 1 | 2 | 3 | 4 | 5 | Total |
|--------------------------|------|------|------|------|------|------|-------|
| # Students (Average) | 57 | 57 | 57 | 57 | 56 | 56 | 340 |
| Average # students/class | 22 | 22 | 22 | 24 | 24 | 24 | |
| # of classrooms | 2.59 | 2.59 | 2.59 | 2.37 | 2.37 | 2.37 | 14.88 |
| Total Classrooms / Grade | 3 | 3 | 3 | 3 | 2 | 2 | 16 |

- Average class size 21 - 22 students, respectively
- Provides flexibility for larger than typical grade

Option 2 - 465 Student Enrollment

| GOAL Class Size | K | 1 | 2 | 3 | 4 | 5 | Total |
|--------------------------|------|------|------|------|------|------|-------|
| # Students (Average) | 78 | 78 | 78 | 77 | 77 | 77 | 465 |
| Average # students/class | 22 | 22 | 22 | 24 | 24 | 24 | |
| # of classrooms | 3.55 | 3.55 | 3.55 | 3.20 | 3.20 | 3.20 | 20.25 |
| Total Classrooms / Grade | 4 | 4 | 4 | 3 | 3 | 3 | 21 |

Preliminary Space Summary | 340 Student Enrollment

| Program | Countryside Existing Conditions | Countryside Space Requirements | MSBA Guidelines | Differences | Comments |
|---|---------------------------------|--------------------------------|-----------------|-------------|---|
| Core Academic | 18,135 NFA | 17,025 NFA | 15,000 NFA | 2,025 NFA | MSBA does not automatically include ELL, Lit / Math Specialists |
| Special Ed. | 3,530 NFA | 5,185 NFA | 4,530 NFA | 655 NFA | DESE reviews / approves Special Ed spaces |
| Art/Music | 1,480 NFA | 2,500 NFA | 2,500 NFA | 0 NFA | |
| Health & PE | 2,545 NFA | 6,300 NFA | 6,300 NFA | 0 NFA | |
| Media Center | 1,265 NFA | 2,200 NFA | 2,200 NFA | 0 NFA | |
| Dining (Cafe, Kitchen, Stage, Staff Dining) | 4,785 NFA | 5,703 NFA | 5,703 NFA | 0 NFA | Maximize size of cafetorium to accommodate any future expansion |
| Medical / Admin | 1,120 NFA | 2,440 NFA | 2,565 NFA | -125 NFA | May require slightly more space depending on final layout |
| Custodial / Main | 105 NFA | 1,750 NFA | 1,940 NFA | -190 NFA | May require slightly more space depending on final layout |
| Other (Extended Day) | 765 NFA | 250 NFA | 0 NFA | 250 NFA | MSBA does not reimburse for "other" spaces |
| Sub Total Program | 33,730 NFA | 43,353 NFA | 40,738 NFA | 2,615 NFA | |
| Total Gross Sq. Ft. (GSF) (Gross SF / NFA = 1.5) | 56,100 GSF | 65,030 GSF | 59,613 GSF | 3,923 GSF | |

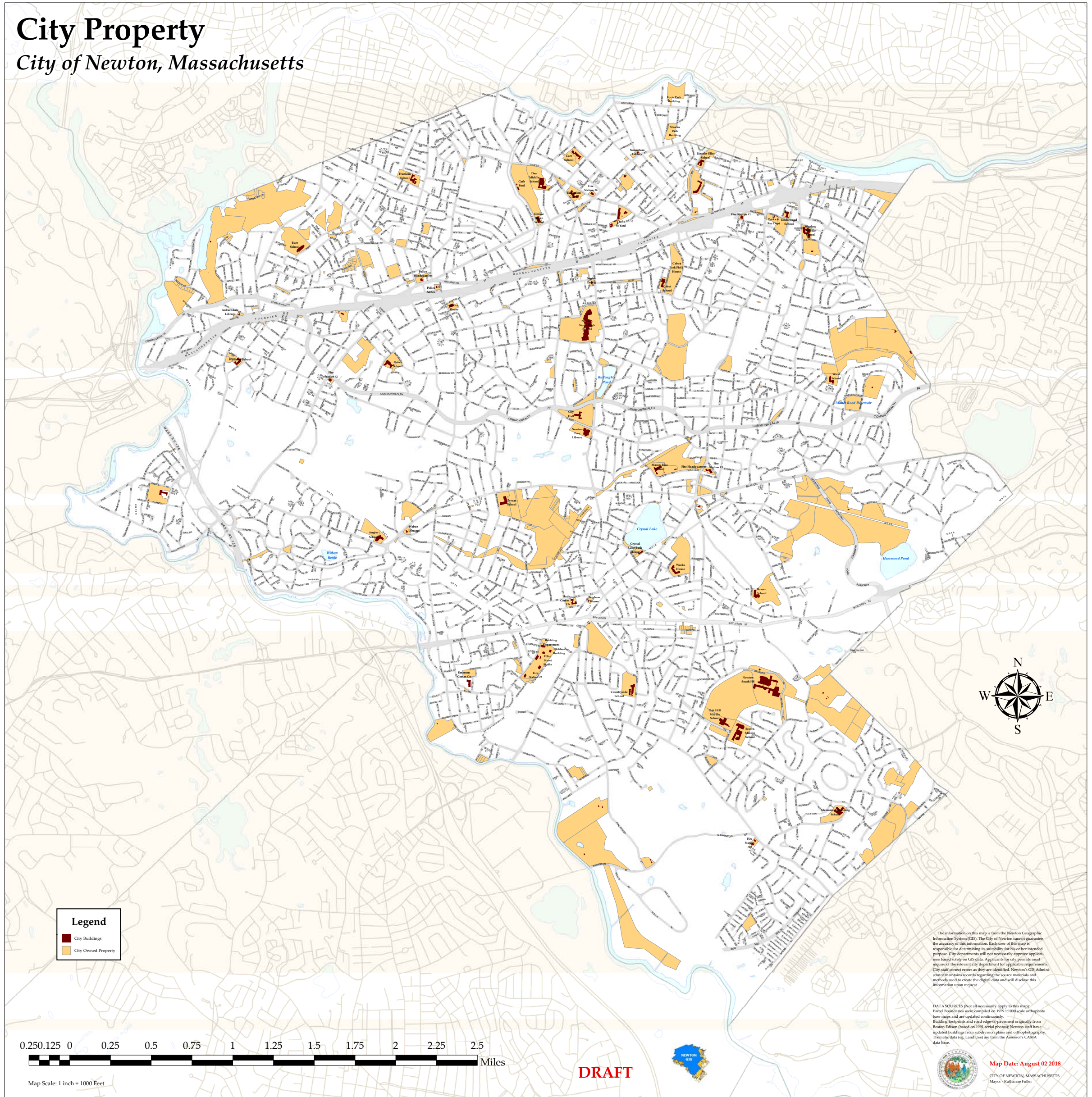
Preliminary Space Summary | 465 Student Enrollment

| Program | Countryside Existing Conditions | Countryside Space Requirements | MSBA Guidelines | Differences | Comments |
|---|---------------------------------|--------------------------------|-----------------|-------------|---|
| Core Academic | 18,135 NFA | 21,875 NFA | 20,950 NFA | 925 NFA | MSBA does not automatically include ELL, Lit / Math Specialists |
| Special Ed. | 3,530 NFA | 5,860 NFA | 5,540 NFA | 320 NFA | DESE reviews / approves Special Ed spaces |
| Art/Music | 1,480 NFA | 2,575 NFA | 2,575 NFA | 0 NFA | |
| Health & PE | 2,545 NFA | 6,300 NFA | 6,300 NFA | 0 NFA | |
| Media Center | 1,265 NFA | 2,763 NFA | 2,763 NFA | 0 NFA | |
| Dining (Cafe, Kitchen, Stage, Staff Dining) | 4,785 NFA | 6,350 NFA | 6,823 NFA | -473 NFA | <ul style="list-style-type: none"> • 3 seatings vs 2 seatings • Smaller kitchen per Angier design |
| Medical / Admin | 1,120 NFA | 2,585 NFA | 2,840 NFA | -255 NFA | May require slightly more space depending on final layout |
| Custodial / Main | 105 NFA | 1,830 NFA | 2,065 NFA | -235 NFA | May require slightly more space depending on final layout |
| Other (Extended Day) | 765 NFA | 250 NFA | 0 NFA | 250 NFA | MSBA does not reimburse for "other" spaces |
| Sub Total Program | 33,730 NFA | 50,388 NFA | 49,856 NFA | 532 NFA | |
| Total Gross Sq. Ft. (GSF) (Gross SF / NFA = 1.5) | 56,100 GSF | 75,582 GSF | 74,749 GSF | 798 GSF | |

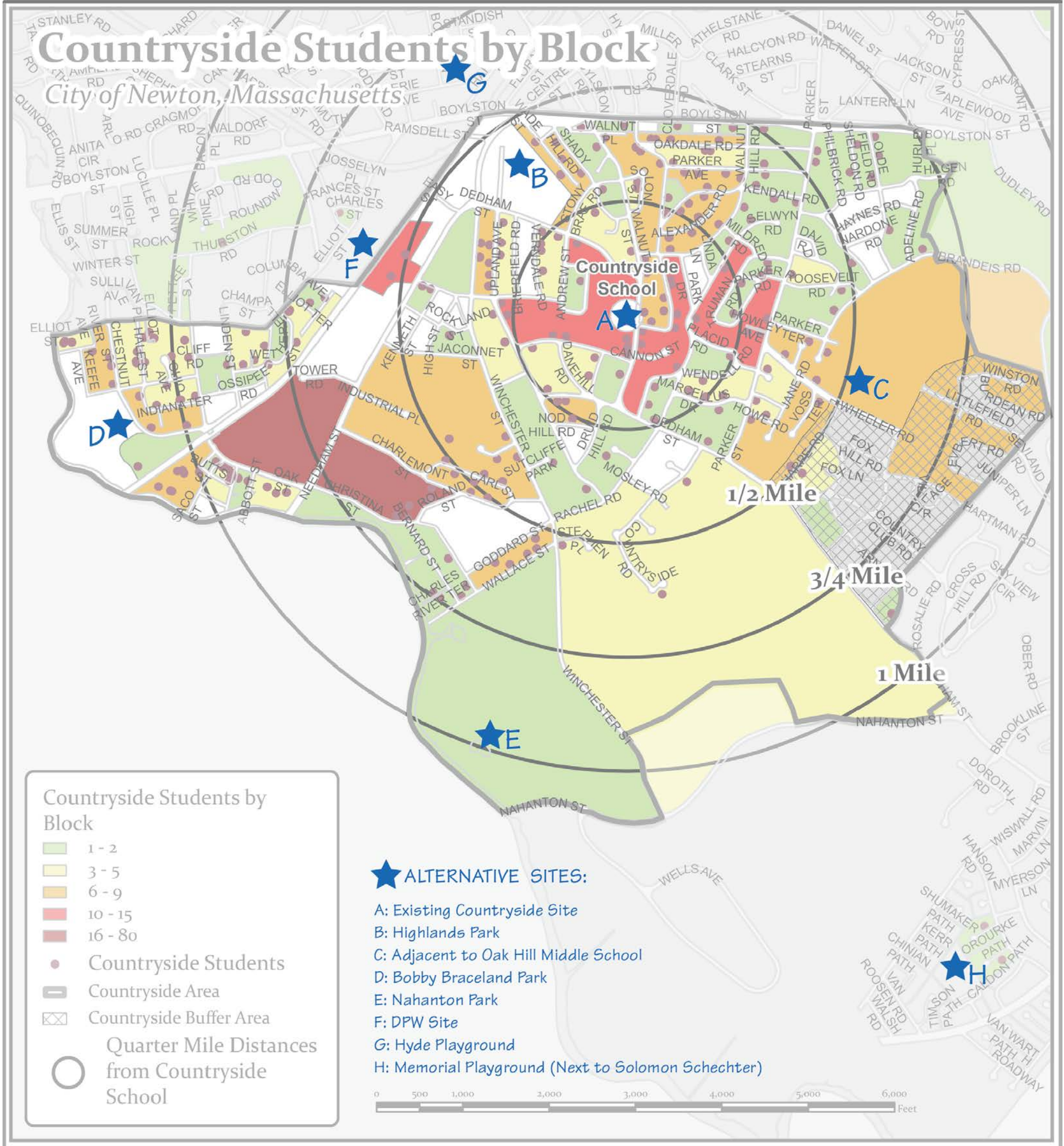
Preliminary Space Summary | Enrollment Comparison

| Program | 340 Students @ MSBA Standards | 340 Students MSBA Guidelines | 465 Students @ MSBA Standards | 465 Students MSBA Guidelines | Comments |
|---|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|--|
| Core Academic | 17,025 NFA | 15,000 NFA | 21,875 NFA | 20,950 NFA | MSBA does not automatically include ELL, Lit / Math Specialists |
| Special Ed. | 5,185 NFA | 4,530 NFA | 5,860 NFA | 5,540 NFA | DESE reviews / approves Special Ed spaces |
| Art/Music | 2,500 NFA | 2,500 NFA | 2,575 NFA | 2,575 NFA | |
| Health & PE | 6,300 NFA | 6,300 NFA | 6,300 NFA | 6,300 NFA | |
| Media Center | 2,200 NFA | 2,200 NFA | 2,763 NFA | 2,763 NFA | |
| Dining (Cafe, Kitchen, Stage, Teacher Dining) | 5,703 NFA | 5,703 NFA | 6,350 NFA | 6,823 NFA | 465 Enrollment: • 3 vs 2 seatings; Smaller kitchen (Angier) |
| Medical / Admin | 2,440 NFA | 2,565 NFA | 2,585 NFA | 2,840 NFA | May require slightly more space depending on final layout |
| Custodial / Main | 1,750 NFA | 1,940 NFA | 1,830 NFA | 2,065 NFA | May require slightly more space depending on final layout |
| Other (Extended Day) | 250 NFA | 0 NFA | 250 NFA | 0 NFA | MSBA does not reimburse for “other” spaces |
| Sub Total Program | 43,353 NFA | 40,738 NFA | 50,388 NFA | 49,856 NFA | |
| Total Gross Sq. Ft. (GSF) (Gross SF / NFA = 1.5) | 65,030 GSF | 59,613 GSF | 75,582 GSF | 74,749 GSF | |

Site Selection | City Property



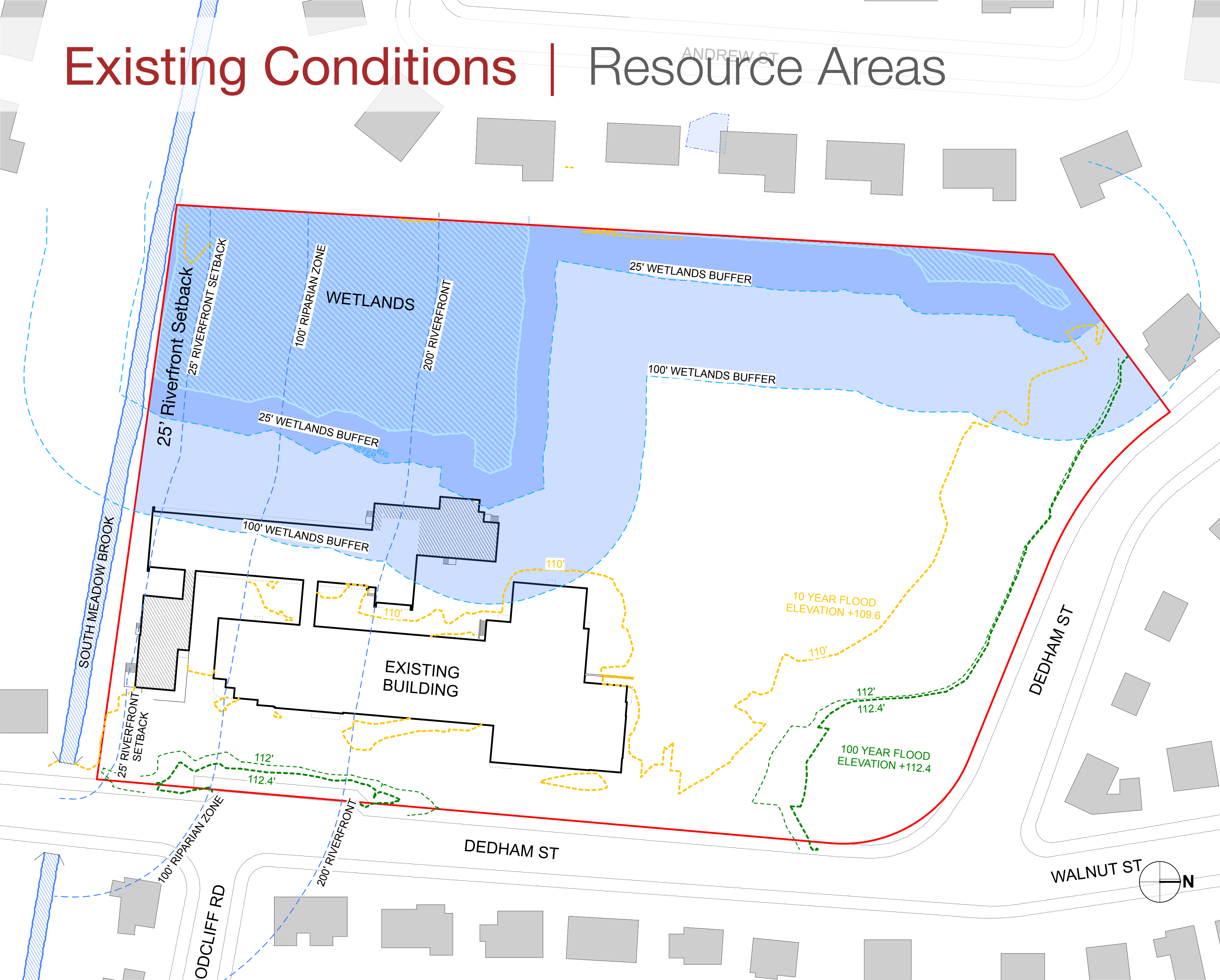
Site Selection | Alternative Sites Within Countryside District



- Favorable
- ⊙ Neutral
- Unfavorable

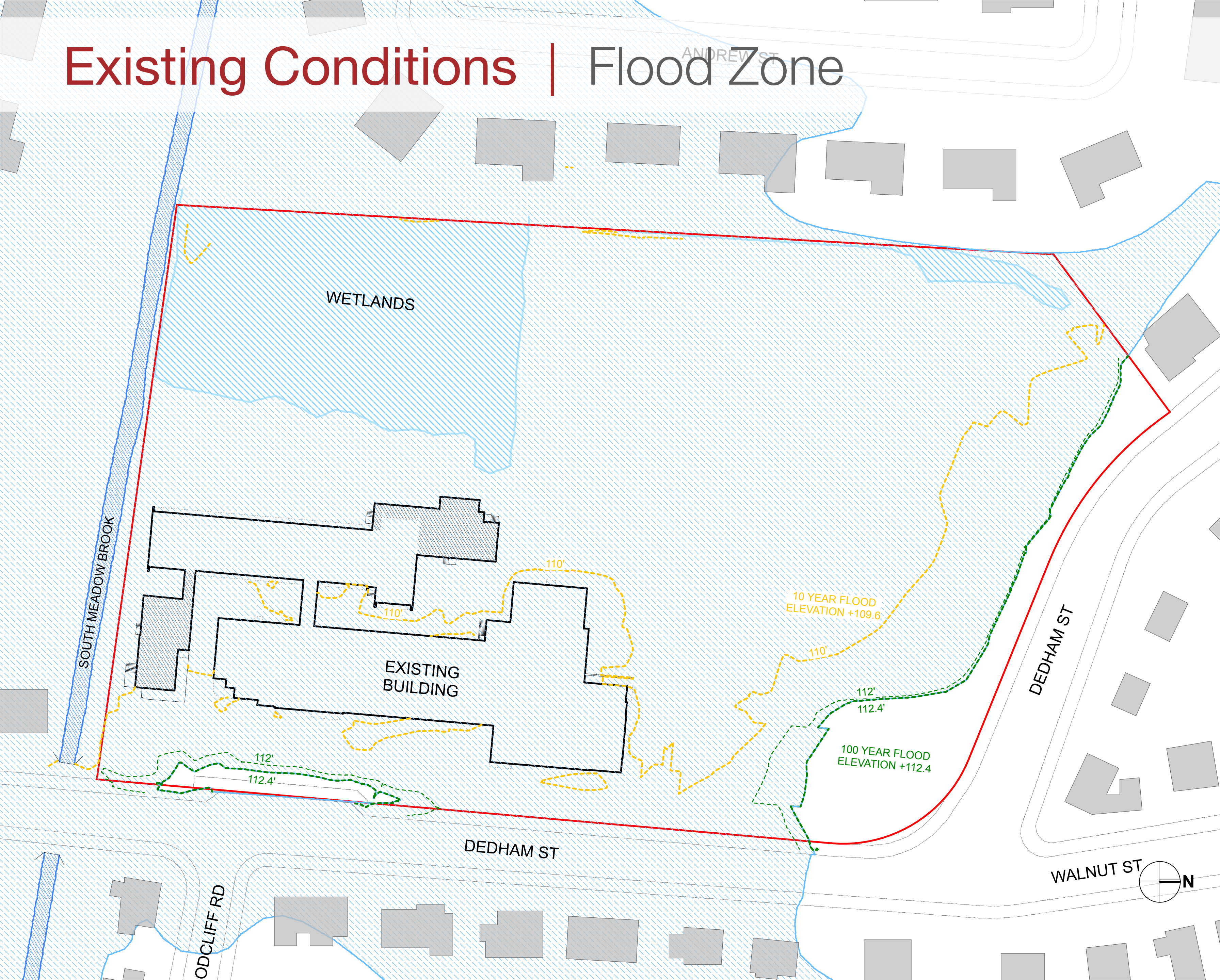
| | | IN COUNTRYSIDE DISTRICT | | | | | | | |
|--|--|---------------------------|----------------|------------------------------------|----------------------|----------------------|--------------------|---|---------------|
| CRITERIA | | A | B | C | F | D | G | H | E |
| Countryside ES Comparison: Site size: 7.39 acres Usable site area: ~5.37 acres | | Existing Countryside site | Highlands Park | Adjacent to Oak Hill Middle School | DPW site (Elliot St) | Bobby Braceland Park | Emerson Playground | Memorial Playground (Next to Solomon Schechter) | Nahanton Park |
| SITE | | | | | | | | | |
| 1 | Maintains neighborhood 'walkability' | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| 2 | Distance from existing Countryside (miles) | --- | 0.4 | 0.6 | 0.6 | 1.2 | 0.95 | 1.64 | 0.94 |
| 3 | Size of site (acres) | 7.4 | 12.6 | 3.1 | 11.7 | 8.8 | 1.0 | 2.9 | 2.29 |
| 4 | Maximum buildable area | 5.4 | 7.4 | 3.1 | 2.7 | 4.0 | 1.0 | 2.8 | 2.29 |
| 5 | Current land use restrictions | ● | ○ | ⊙ | ⊙ | ○ | ○ | ○ | ○ |
| 6 | Legal restrictions | ● | ○ | ⊙ | ⊙ | ○ | ○ | ○ | ○ |
| 7 | Site acquisition and legal issues | ● | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| 8 | Minimizes busing | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| 9 | Optimizes parking and play capacity | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| 10 | Minimizes building height | ● | ● | ● | ● | ● | ○ | ⊙ | ⊙ |
| 11 | Does not increase demand for on street parking | ● | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| COST | | | | | | | | | |
| 1 | Minimizes phasing logistics | ● | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| 2 | Minimizes busing | ● | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| 3 | Reduces need for swing space | ● | ● | ● | ● | ● | ● | ● | ● |
| RECREATIONAL | | | | | | | | | |
| 1 | Minimizes recreational impact | ● | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ |
| GROSS SCORING | | 12 | -1 | -1 | -1 | -3 | -5 | -4 | -4 |

Existing Conditions | Resource Areas



- Site bounded by wetlands and South Meadow Brook
- Existing school located inside riverfront area and wetland buffer
- Existing school first floor less than 1 foot above 10 year flood elevation (+el. 110.5)
- Site almost entirely within 100 year flood elevation

Existing Conditions | Flood Zone



- Site almost entirely within 100- year flood elevation
- IBC states improvements exceeding 50% of value must comply with flood requirements for **first floor construction**
- ASCE 24* requires 1st floor to be 1-ft above base flood elevation (100-yr flood elevation)
- Compensatory flood storage required if new development exceeds existing building volume within 100-year floodplain (build on piers, for example)

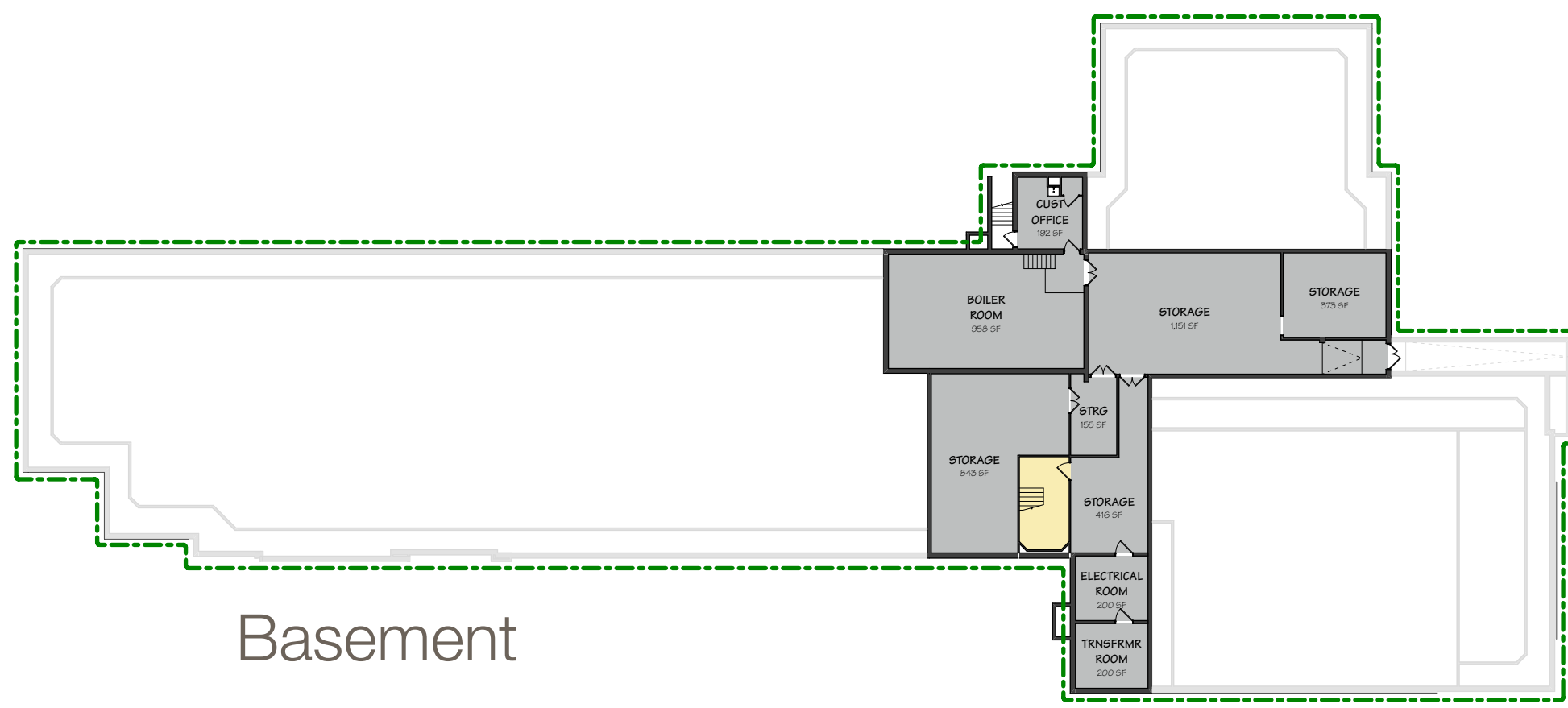
*American Society of Civil Engineers

Existing Conditions | Existing Countryside Elementary School



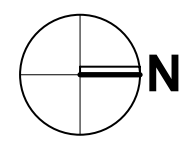
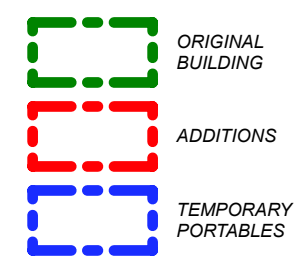
- Constructed 1953 / 1958 / 1986 / 1991-2000
- 56,150 SF including portables + basement
- 372 Students
- 7.39 Acre Site

Existing Conditions | Existing Countryside Elementary School



LEGEND

- CORE ACADEMIC SPACES
- SPECIAL EDUCATION
- ART & MUSIC
- HEALTH & PHYS ED
- MEDIA CENTER
- DINING & FOOD SERVICE
- PLATFORM
- MEDICAL
- ADMIN & GUIDANCE
- OTHER / EXTENDED DAY
- CUST, MAINT, & TOILETS
- CIRCULATION



Approach 1 | 340 Students | Repair/Code Upgrades



- Code Upgrade / Repairs only
- Requires building to be vacant during construction
- Include portable classrooms
- Does not improve the educational quality of spaces
- Does not meet MSBA Space Guidelines
- Assumes construction value exceeds 50% market value therefore construction must elevate entire first floor above base flood elevation (BFE) (ASCE 24*)
- Elevating first floor to above BFE is not viable

*American Society of Civil Engineers

Approach 2 | 340 Students | Renovation/Addition | 62,635 SF

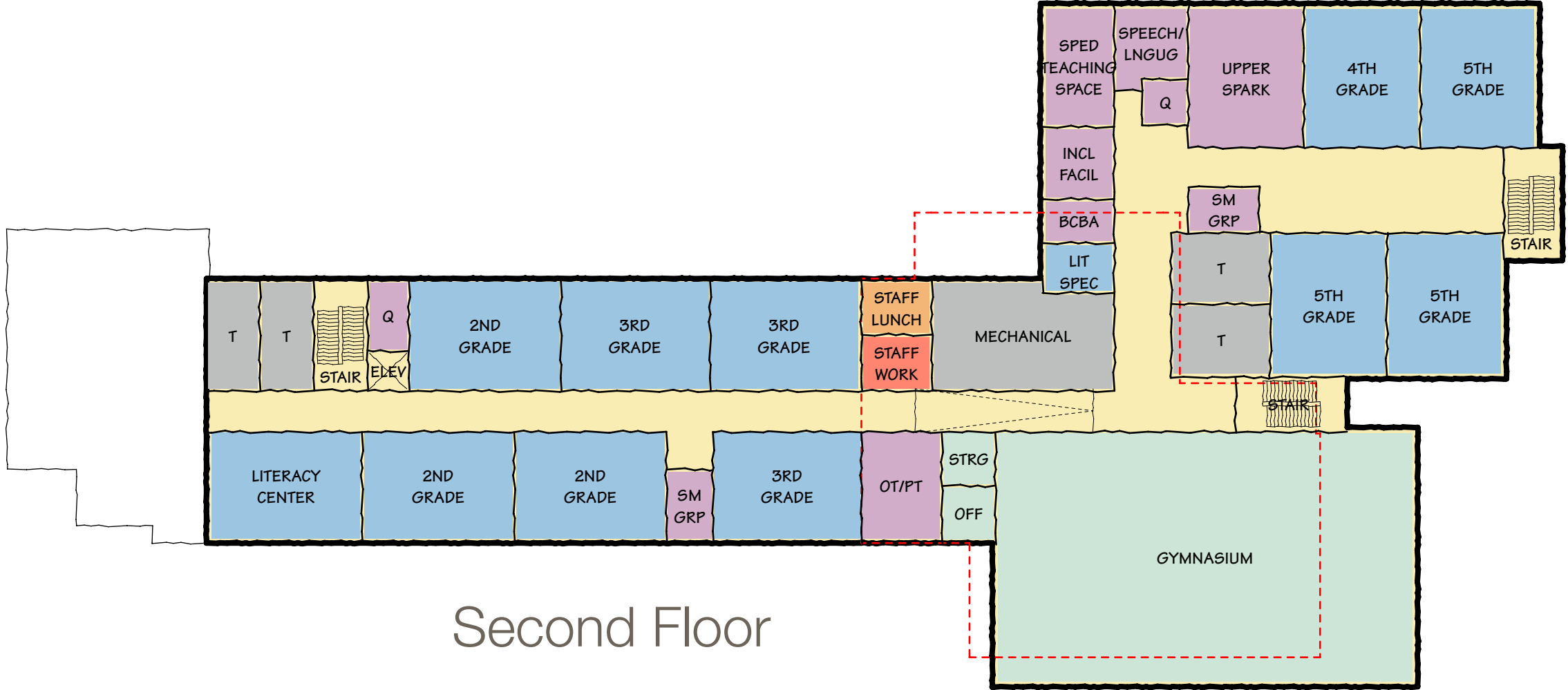


- Maintain 22,895 SF of existing building; 2-story Addition 39,740 SF
- Demolish 1958 wing, cafeteria & gym wing & portable classrooms
- Requires building to be vacant
- Site improvements
- Future expansion can only occur on upper floor on piers due to floodplain restrictions
- Matches existing building volume within floodplain
- Majority of building outside the 100-ft wetland buffer
- Assumes construction value exceeds 50% market value therefore construction must elevate entire first floor above base flood elevation (BFE) (ASCE 24*)
- Elevating first floor to above BFE is not viable

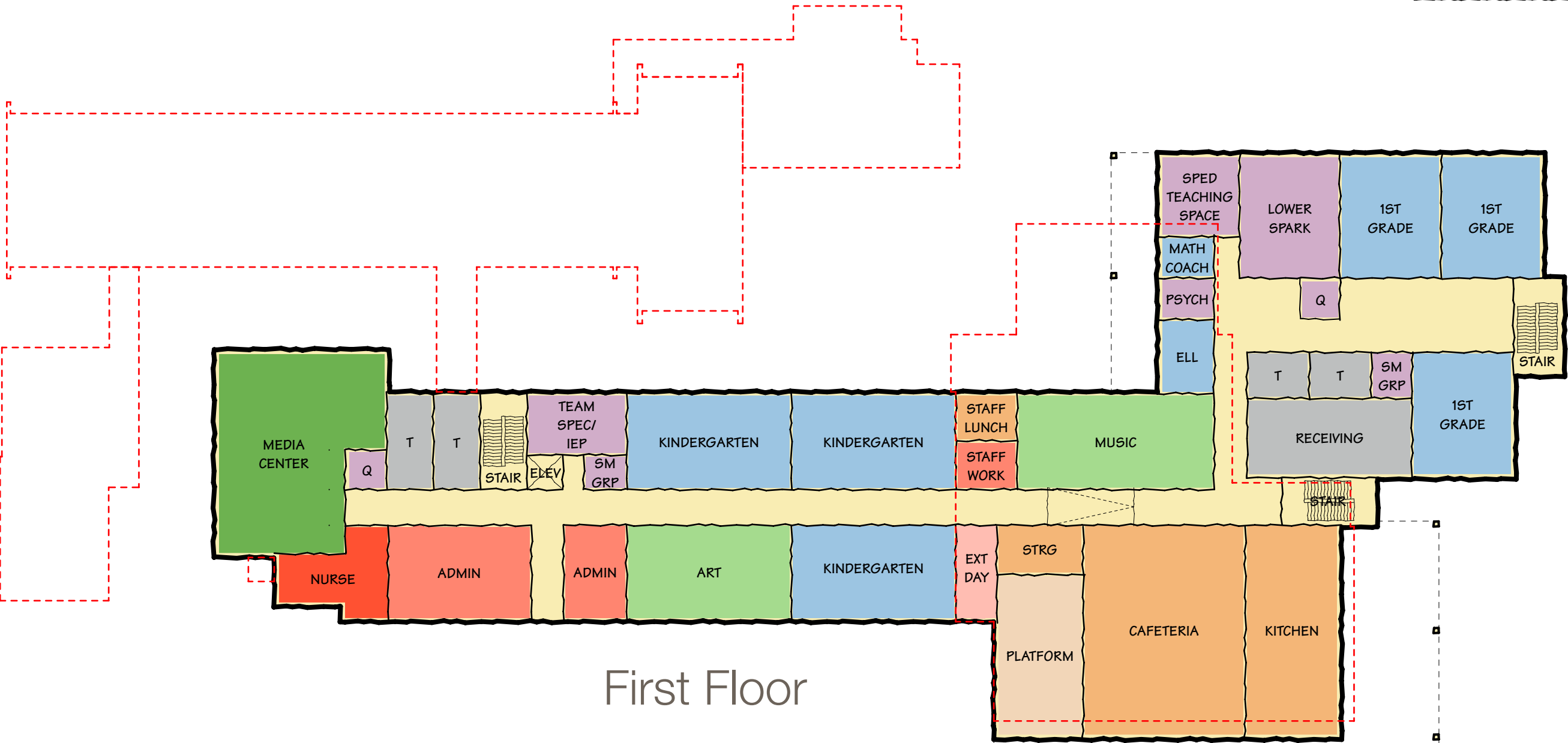
*American Society of Civil Engineers

Approach 2 | 340 Students | Renovation/Addition | 62,635 SF

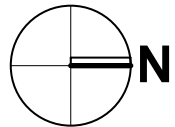
- Does not include the existing portable classrooms
- Meets MSBA Space Guidelines
- Adequate spatial relationships and adjacencies
- Gymnasium on second floor
- Does not provide project areas within renovated building
- Second floor footprint larger than first floor at addition
- East / West solar orientation classrooms



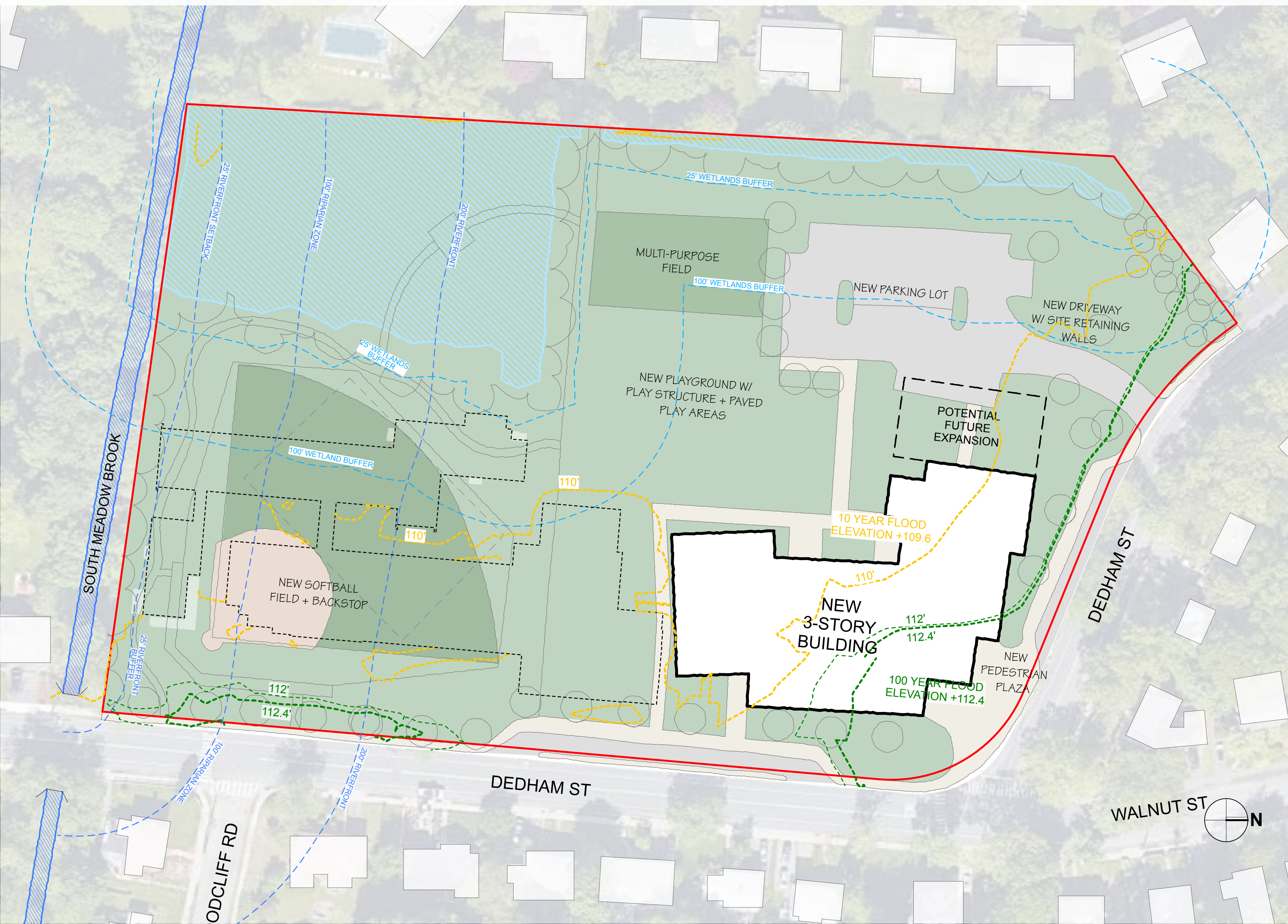
Second Floor



First Floor



Approach 3 | 340 Students | New Construction | 65,000 SF



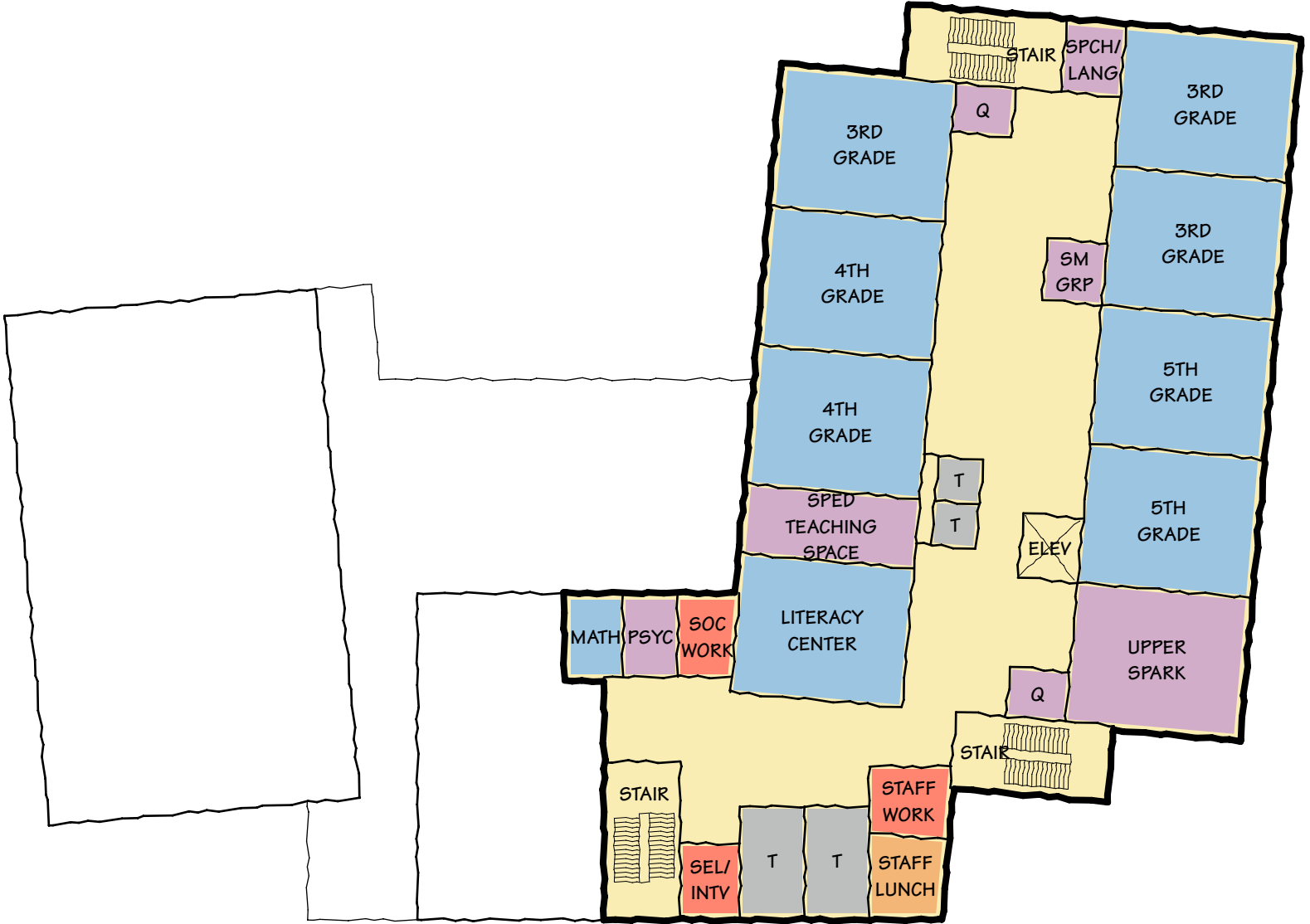
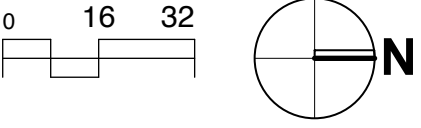
- Matches building volume within floodplain; may require partial construction on piers
- Building outside 100-ft wetland buffer
- Separate drop off for cars, buses, vans and service
- Site improvements include new playground, fields and parking
- Provides opportunity for occupied site during construction
- Future expansion can only occur on upper floors on piers due to floodplain restrictions

Approach 3 | 340 Students | New Construction | 65,000 SF

- Meets MSBA Space Guidelines
- Ideal spatial relationships and adjacencies
- Gymnasium on first floor
- Compact footprint (more time on learning)
- North / South solar orientation classrooms

LEGEND

- CORE ACADEMIC SPACES
- SPECIAL EDUCATION
- ART & MUSIC
- HEALTH & PHYS ED
- MEDIA CENTER
- DINING & FOOD SERVICE
- PLATFORM
- MEDICAL
- ADMIN & GUIDANCE
- OTHER / EXTENDED DAY
- CUST, MAINT, & TOILETS
- CIRCULATION



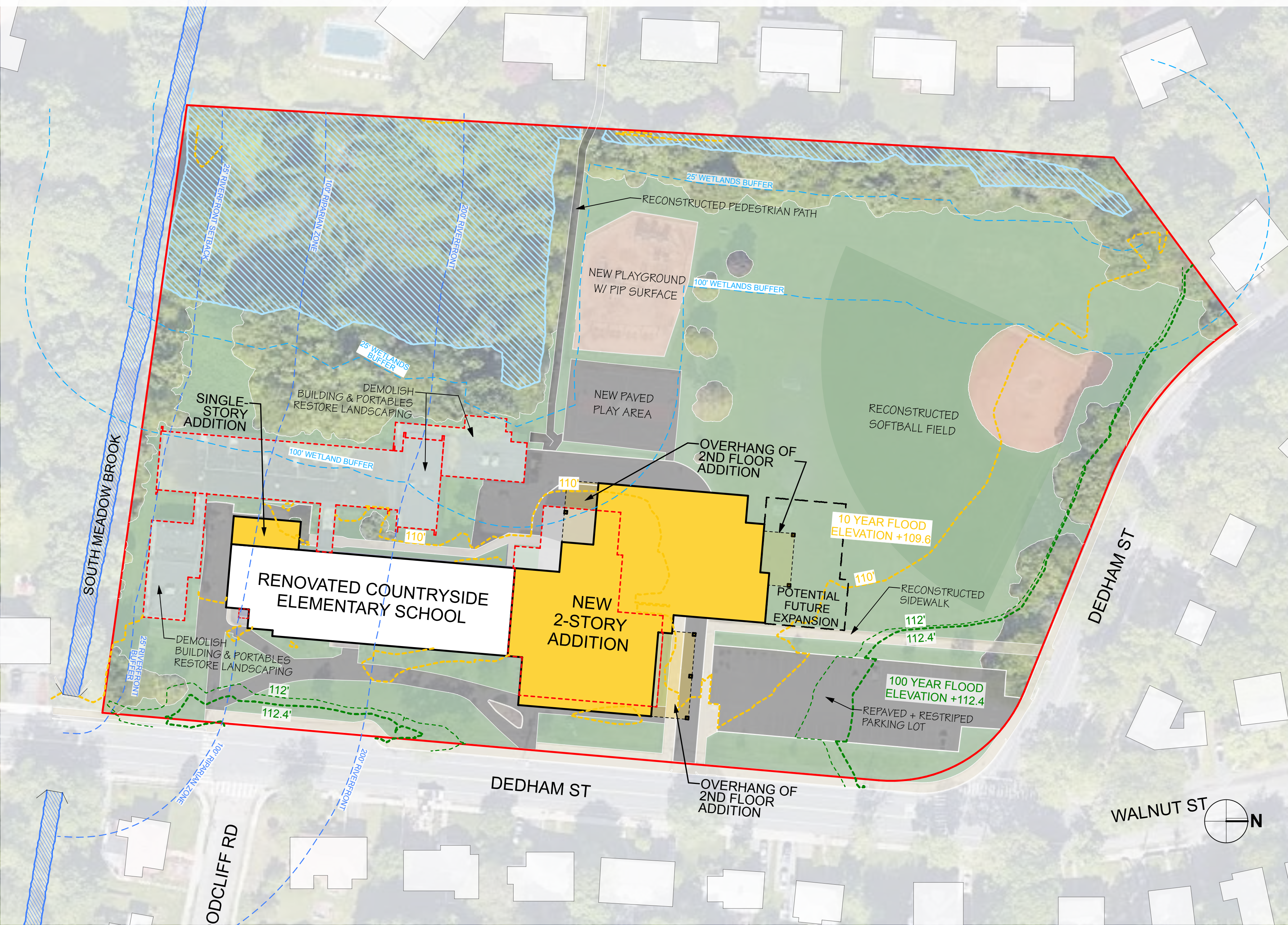
Approach 4 | 465 Students | Repair/Code Upgrades



- Code Upgrade / Repairs only
- Requires building to be vacant
- Include portable classrooms
- Does not improve the educational quality of spaces
- Does not meet MSBA Space Guidelines
- Assumes construction value exceeds 50% market value therefore construction must elevate entire first floor above base flood elevation (BFE) (ASCE 24*)
- Elevating first floor to above BFE is not viable

*American Society of Civil Engineers

Approach 5 | 465 Students | Renovation/Addition | 69,765 SF

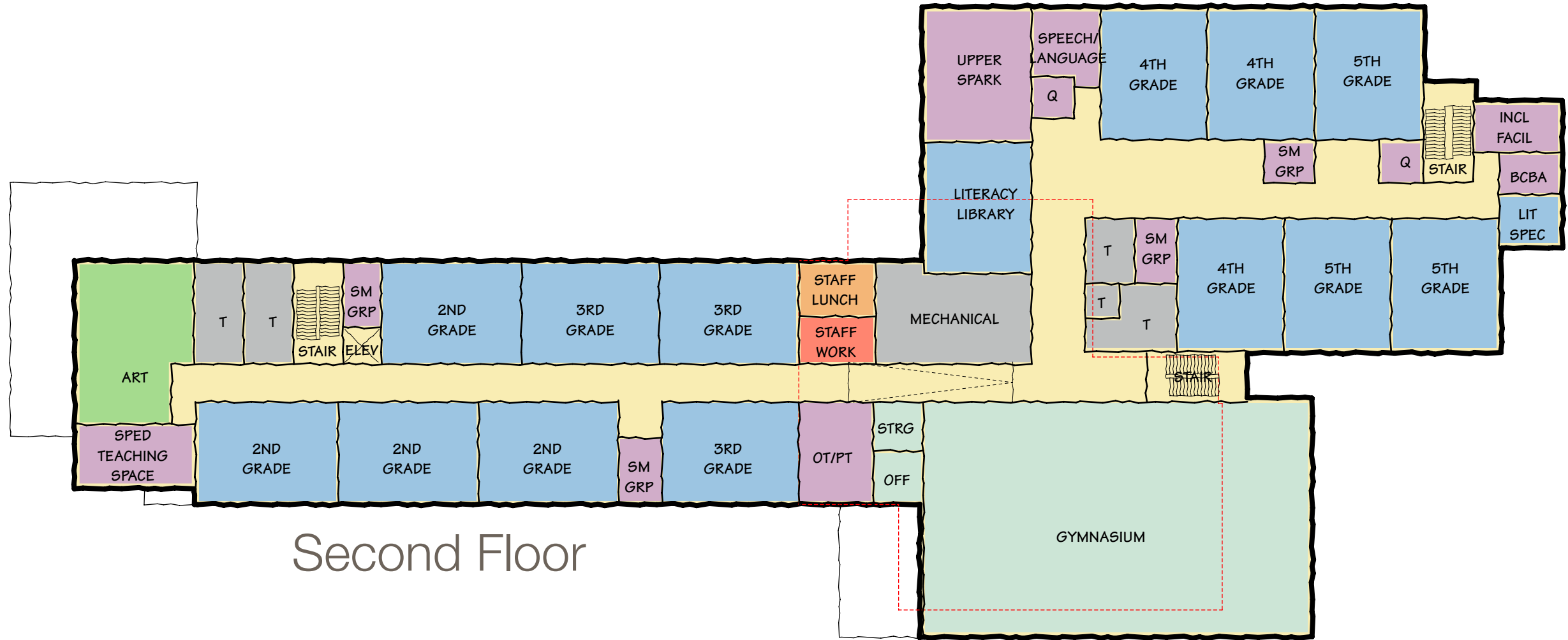


- Maintain 22,895 SF existing building; 2-story Addition 46,870 SF
- Demolish 1958 wing, cafeteria & gym wing & portable classrooms
- Requires building to be vacant
- Site improvements
- Future expansion can only occur on upper floors on piers due to floodplain restrictions
- Matches existing building volume within floodplain
- Majority of building outside the 100-ft wetland buffer
- Assumes construction value exceeds 50% market value therefore construction must elevate entire first floor above base flood elevation (BFE) (ASCE 24*)
- Elevating first floor to above BFE is not viable

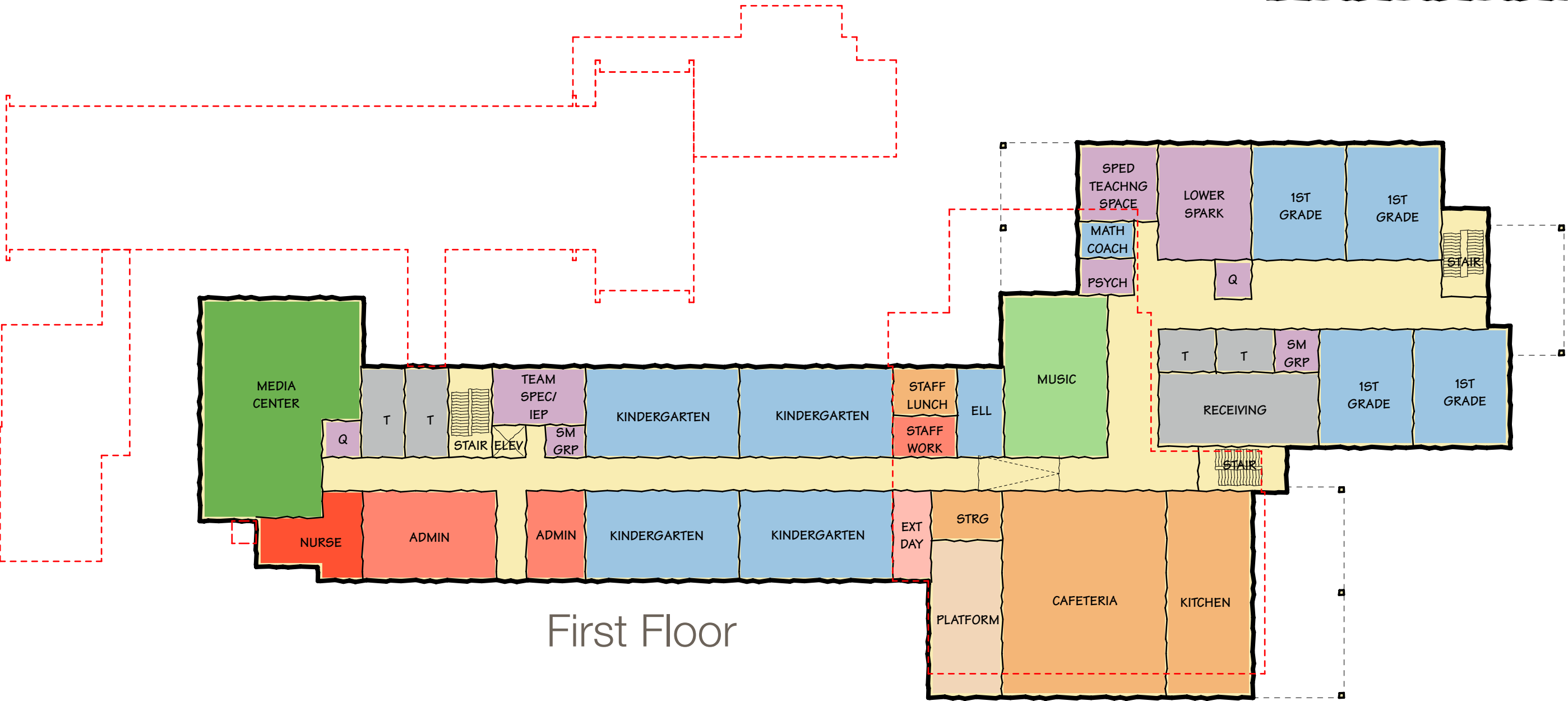
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Approach 5 | 465 Students | Renovation/Addition | 69,795 SF

- Does not include the existing portable classrooms
- Meets MSBA Space Guidelines
- Adequate spatial relationships and adjacencies
- Gymnasium on second floor
- Does not provide project areas within renovated building
- Second floor footprint larger than first floor at addition
- East / West solar orientation classrooms



Second Floor



First Floor

Approach 6 | 465 Students | New Construction | 75,500 SF

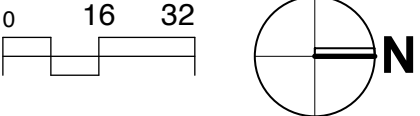


- Matches building volume within floodplain; may require partial construction on piers
- Building outside 100-ft wetland buffer
- Separate drop off for cars, buses, vans and service
- Site improvements include new playground, fields and parking
- Provides opportunity for occupied site during construction
- Future expansion can only occur on upper floors on piers due to floodplain restrictions

Approach 6 | 465 Students | New Construction | 75,500 SF

LEGEND

- CORE ACADEMIC SPACES
- SPECIAL EDUCATION
- ART & MUSIC
- HEALTH & PHYS ED
- MEDIA CENTER
- DINING & FOOD SERVICE
- PLATFORM
- MEDICAL
- ADMIN & GUIDANCE
- OTHER / EXTENDED DAY
- CUST, MAINT, & TOILETS
- CIRCULATION



- Meets MSBA Space Guidelines
- Ideal spatial relationships and adjacencies
- Gymnasium on first floor
- Compact footprint (more time on learning)
- North / South solar orientation classrooms

Criteria Matrix

CRITERIA MATRIX

DRAFT

December 19, 2022

COUNTRYSIDE ELEMENTARY SCHOOL – 191 Dedham Street, Newton, MA Criteria Matrix

● Favorable ◐ Neutral ○ Unfavorable

| | | 340 STUDENT ENROLLMENT | | | 465 STUDENT ENROLLMENT | | |
|--|--|--|--------------------------------------|--|--|--------------------------------------|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| BUILDING EVALUATION CRITERIA MATRIX | | REPAIR ONLY Full renovation, no addition | ADD/RENO Renovation + Addition | NEW CONST. Full demo + new construction | REPAIR ONLY Full renovation, no addition | ADD/RENO Renovation + Addition | NEW CONST. Full demo + new construction |
| Building and Site Facts | | | | | | | |
| 1 | Student enrollment population | 340 | 340 | 340 | 465 | 465 | 465 |
| 2 | Size of site (acres) | 7.39 | 7.39 | 7.39 | 7.39 | 7.39 | 7.39 |
| 3 | Site Environmental (wetlands, etc.) | 2.02 | 2.02 | 2.02 | 2.02 | 2.02 | 2.02 |
| 4 | Meets MA Flood Regulations (prereq.) | NO * | NO * | YES | NO * | NO * | YES |
| 5 | Site usable (acres) | 5.37 | 5.37 | 5.37 | 5.37 | 5.37 | 5.37 |
| 6 | Classroom count | 19 | 16 | 16 | 19 | 21 | 21 |
| 7 | Building gross square feet (GSF) | 56,150 | 62,635 | 65,000 | 56,150 | 69,765 | 75,500 |
| 8 | Site improvements area (SF) | | | | | | |
| Equity to Other Recently Updated Elementary Schools | | | | | | | |
| 1 | Comparable programs | | | | | | |
| 2 | Comparable square footage | | | | | | |
| Cost and Schedule | | | | | | | |
| 1 | Project Cost, \$million | | | | | | |
| 2 | LCCA /annual expenses | | | | | | |
| 3 | Allows students to move in to new school 2026 | | | | | | |
| 4 | Requires swing space | | | | | | |
| 5 | Requires CM@Risk (i.e. due to scheduling for early release packages) | | | | | | |
| 6 | Maintains standard site plan approval schedule | | | | | | |
| Educational | | | | | | | |
| 1 | Meets educational program for all students (pre-req.) | | | | | | |
| 2 | Meets space program (prereq.) | | | | | | |

* Subject to verification that costs exceed 50% of assessed value and local jurisdiction approval

Criteria Matrix

| | | 340 STUDENT ENROLLMENT | | | 465 STUDENT ENROLLMENT | | |
|--|--|--|--------------------------------------|--|--|--------------------------------------|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| BUILDING EVALUATION CRITERIA MATRIX | | REPAIR ONLY Full renovation, no addition | ADD/RENO Renovation + Addition | NEW CONST. Full demo + new construction | REPAIR ONLY Full renovation, no addition | ADD/RENO Renovation + Addition | NEW CONST. Full demo + new construction |
| 3 | Provides flexibility for future growth | | | | | | |
| 4 | Provides flexibility for educational innovations / pedagogy | | | | | | |
| 5 | Optimizes configuration and adjacency of teaching spaces | | | | | | |
| 6 | Provides outdoor learning opportunities | | | | | | |
| 7 | Allows for efficient program design layout | | | | | | |
| 8 | Minimizes school disruption | | | | | | |
| Safety & Security | | | | | | | |
| 1 | Optimizes safety and efficiency of on-site bus and van drop off | | | | | | |
| 2 | Separates safe circulation of bus, vehicle, pedestrian and bike access | | | | | | |
| 3 | Improves off site traffic impact | | | | | | |
| 4 | Optimizes site for safe pedestrian and bike access | | | | | | |
| 5 | Optimizes safe building access | | | | | | |
| Community | | | | | | | |
| 1 | Provides accessibility to community used spaces (interior) | | | | | | |
| 2 | Accommodates community program needs / extended day program | | | | | | |
| 3 | Enhances community connections | | | | | | |
| 4 | Enhances community green/open space and playground | | | | | | |
| 5 | Construction Impact on abutters | | | | | | |
| Building | | | | | | | |
| 1 | Meets current building codes (prereq.) | | | | | | |
| 2 | Meets MAAB/ADA requirements (prereq.) | | | | | | |
| 3 | Meets healthy building environment (prereq.) | | | | | | |
| 4 | Meets hazardous material remedial requirements (prereq.) | | | | | | |
| 5 | Allows for a contextually sensitive design | | | | | | |
| 6 | Optimizes use of natural light and daylighting | | | | | | |
| 7 | Optimizes connection of outdoor/indoor space, integration with site | | | | | | |
| 8 | Allows efficient attainment of Green School/Stretch Code requirements | | | | | | |

Criteria Matrix

| | | 340 STUDENT ENROLLMENT | | | 465 STUDENT ENROLLMENT | | |
|--|--|---|---|--|---|---|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| BUILDING EVALUATION CRITERIA MATRIX | | REPAIR ONLY Full renovation, no addition | ADD/RENO Renovation + Addition | NEW CONST. Full demo + new construction | REPAIR ONLY Full renovation, no addition | ADD/RENO Renovation + Addition | NEW CONST. Full demo + new construction |
| Site | | | | | | | |
| 1 | Meets MAAB/ADA requirements (prereq.) | | | | | | |
| 2 | Meets environmental remedial requirements (prereq.) | | | | | | |
| 3 | Maximizes efficient utilization of site | | | | | | |
| 4 | Optimizes outdoor program space and green space | | | | | | |
| 5 | Optimizes safety and efficiency of on-site bus and van drop off | | | | | | |
| 6 | Separates safe circulation of bus, vehicle, pedestrian and bike access | | | | | | |
| 7 | Provides sufficient parking for teachers, staff + visitors | | | | | | |
| 8 | Improves off site traffic impact | | | | | | |
| 9 | Optimizes site for safe pedestrian and bike access | | | | | | |
| 10 | Allows for future expansion | | | | | | |
| Sustainability | | | | | | | |
| 1 | Minimizes embodied carbon footprint with building reuse | | | | | | |
| 2 | Achieves City goal for fossil free building HVAC systems | | | | | | |
| 3 | Optimizes building orientation | | | | | | |
| 4 | Optimizes solar (PV) opportunities | | | | | | |
| 5 | Allows efficient attainment of Green School/Stretch Code requirements | | | | | | |
| 6 | Optimizes building envelope thermal performance | | | | | | |



Programs and Services
Committee Meeting

COUNTRYSIDE ELEMENTARY SCHOOL

Newton, MA