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TAKOMA PARK MIDDLE SCHOOL

Montgomery County Public Schools

Facility Advisory Group Meeting #1
September 10, 2015 -- 7:00pm

TAKOMA PARK MIDDLE SCHOOL

Schedule

Feasibility Study

- Meeting #1 – September 10, 2015, 7:00pm
- Meeting #2 – September 16, 2015, 3:20pm
- PTA Presentation – October 13, 2015, 7:00 pm



TAKOMA PARK MIDDLE SCHOOL

Objectives / Considerations

- Addition Location
- Program & Site Adjacencies
- Student Circulation
- Access to Fields & Paved Play Areas
 - Community use of site
- Maintain Natural Light
- Sustainability
- 21st Century Learning



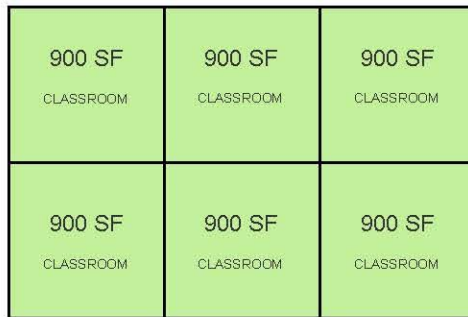


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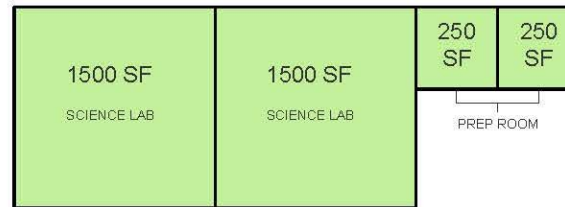
TAKOMA PARK MIDDLE SCHOOL

Program Analysis

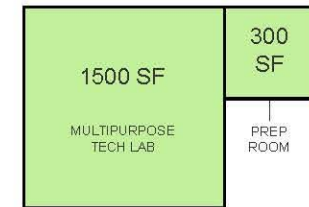
STANDARD CLASSROOM



SCIENCE ROOMS



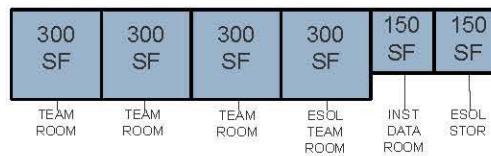
MULTIPURPOSE TECH LAB



SPECIAL EDUCATION



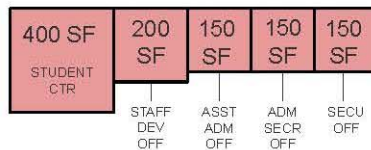
INSTRUCTIONAL SUPPORT AREAS



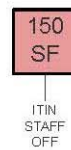
PHYSICAL EDUCATION



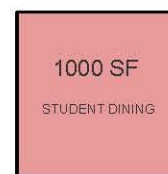
ADMINISTRATION SUITE



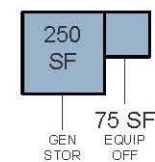
GUIDANCE SUITE



STUDENT DINING



BUILDING SERVICE FACILITIES





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Existing Site

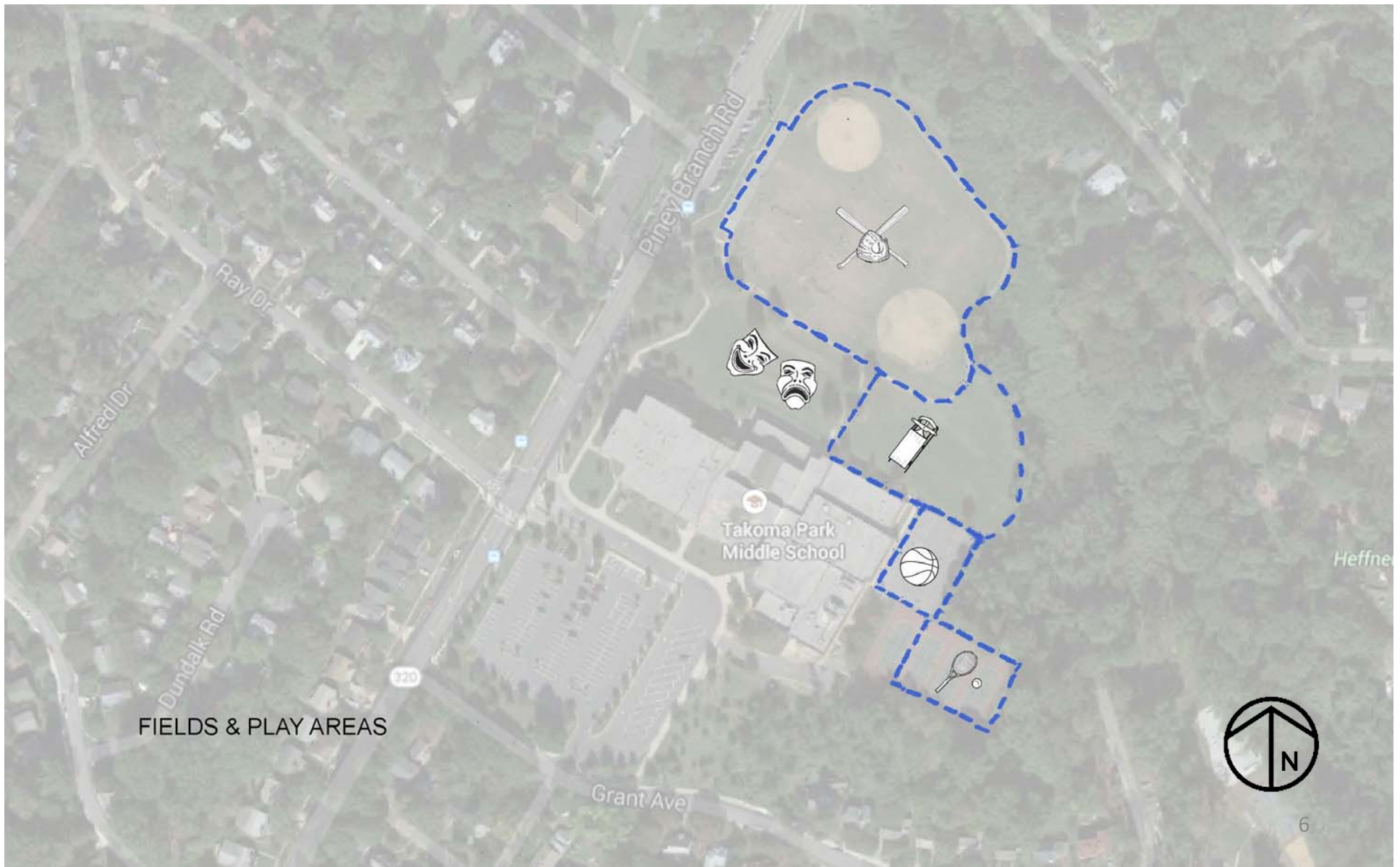




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Existing Site Fields & Play Areas

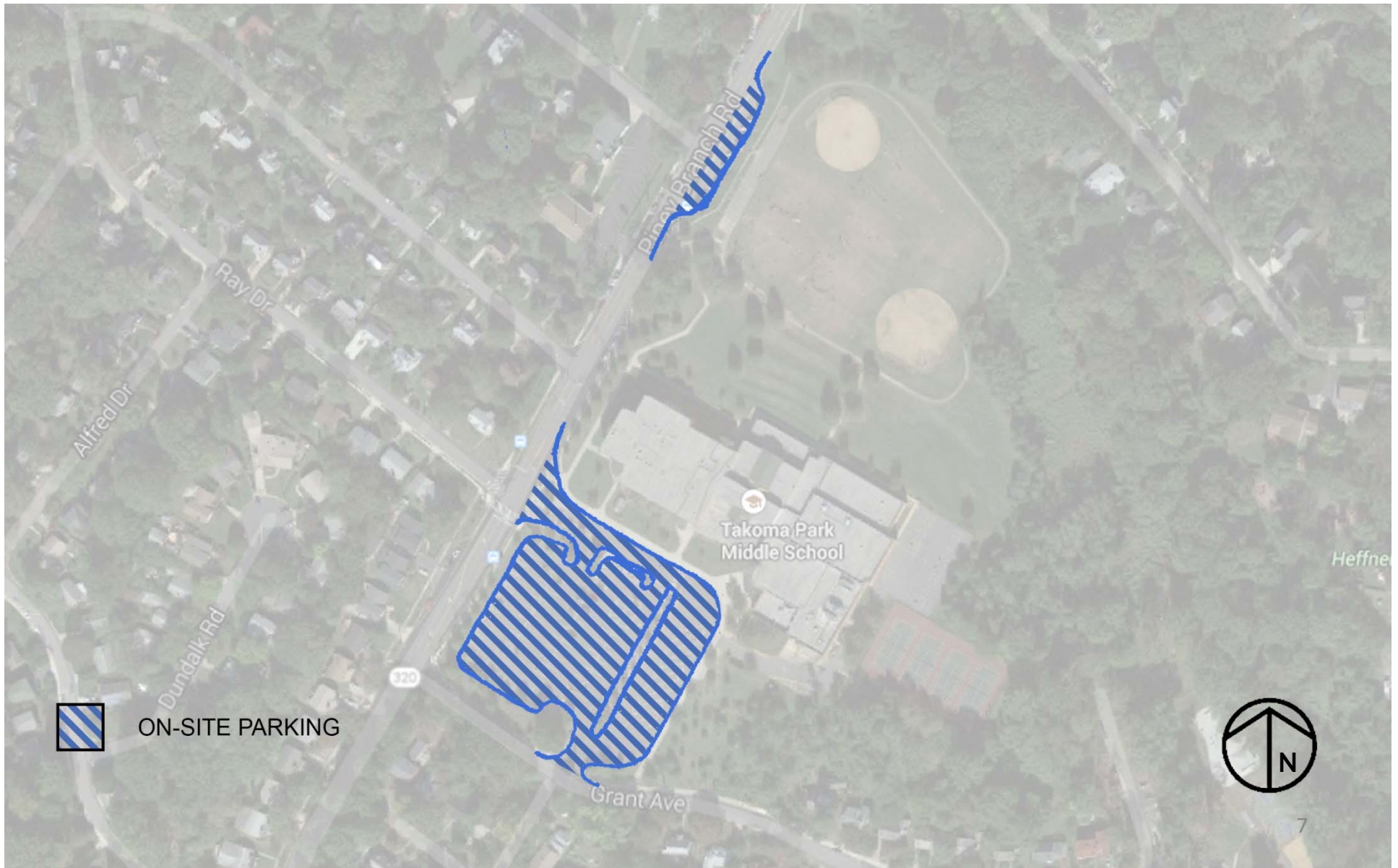




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Existing Site Parking

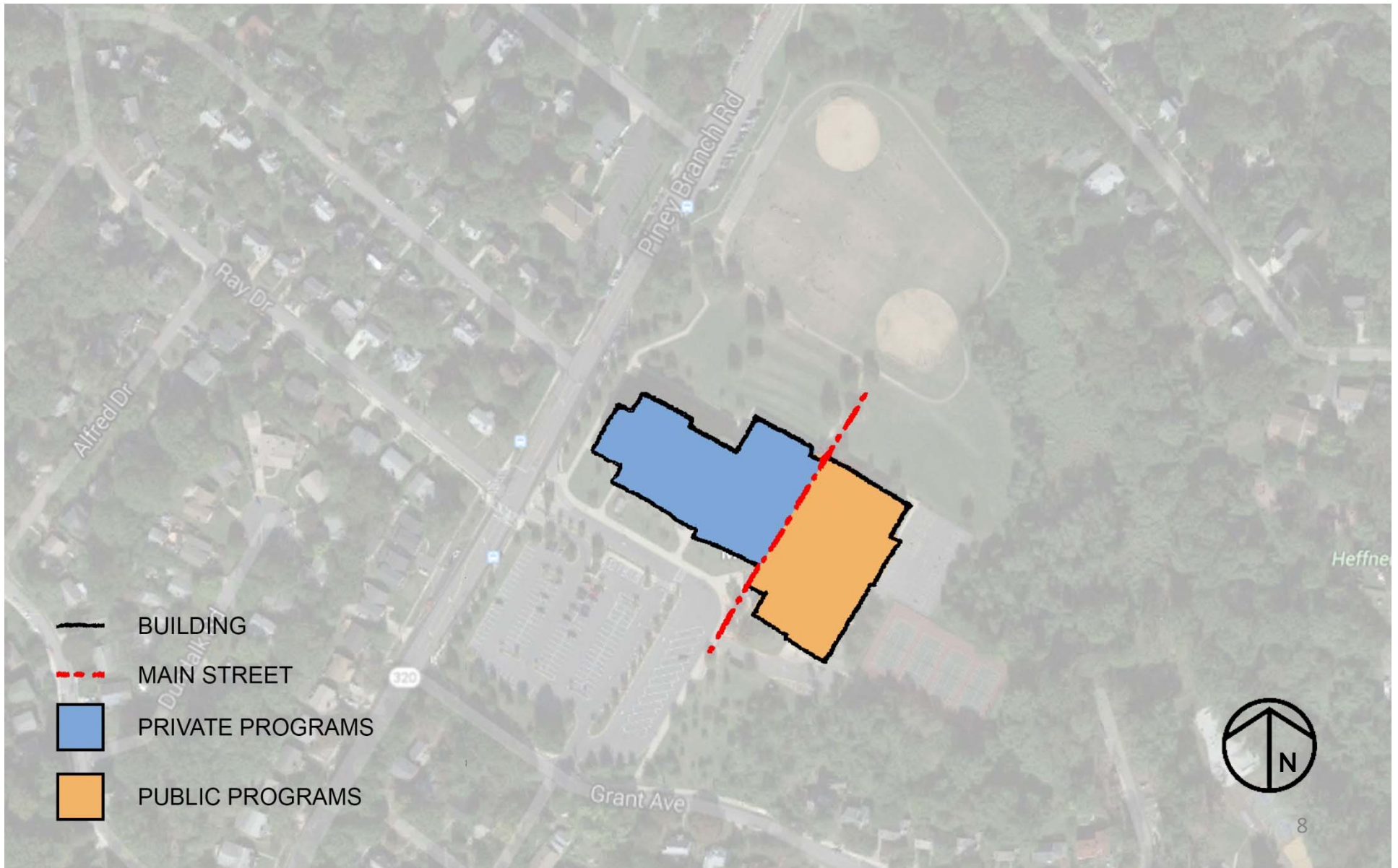




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Existing Site Public vs. Private

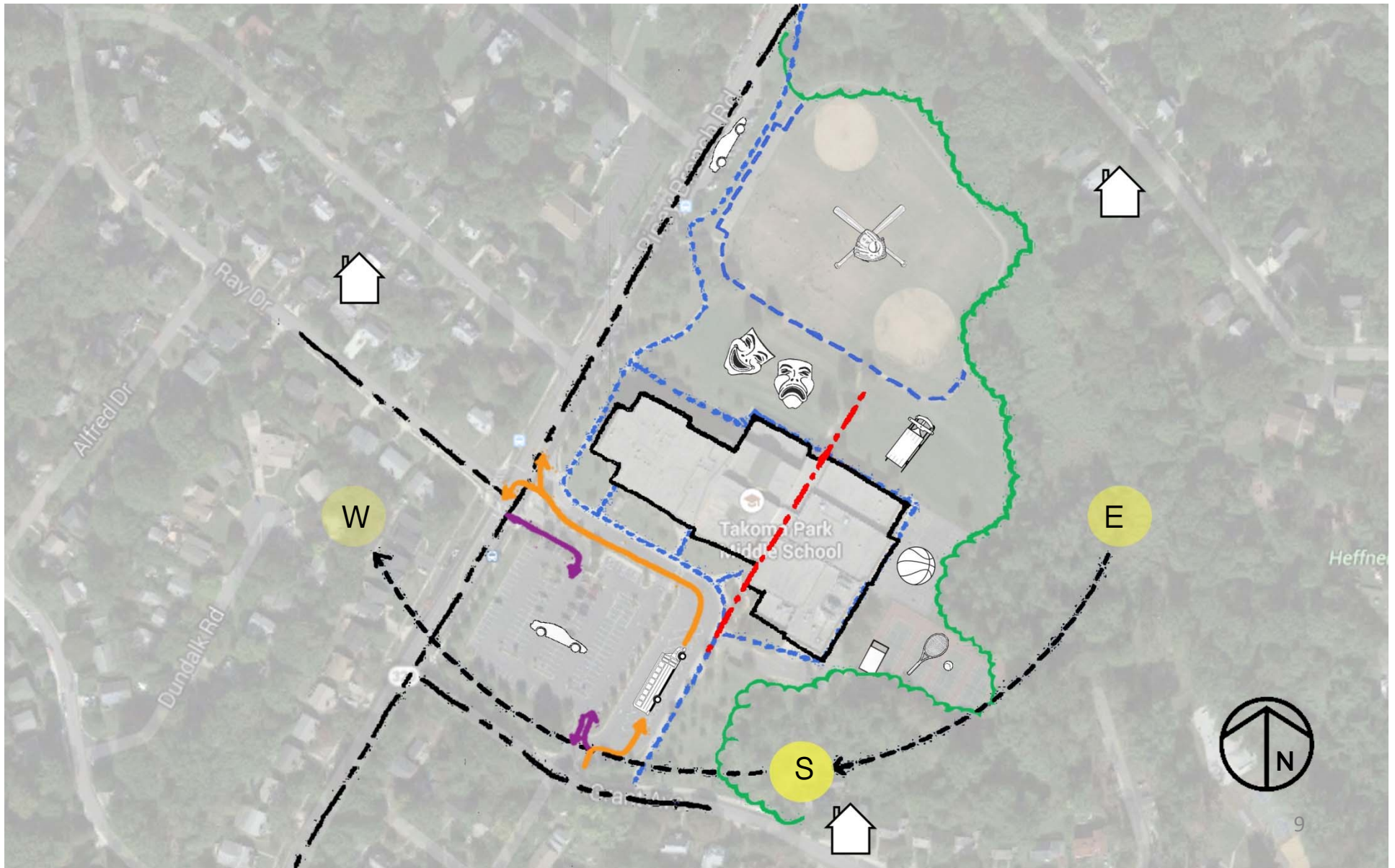




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Existing Site Analysis

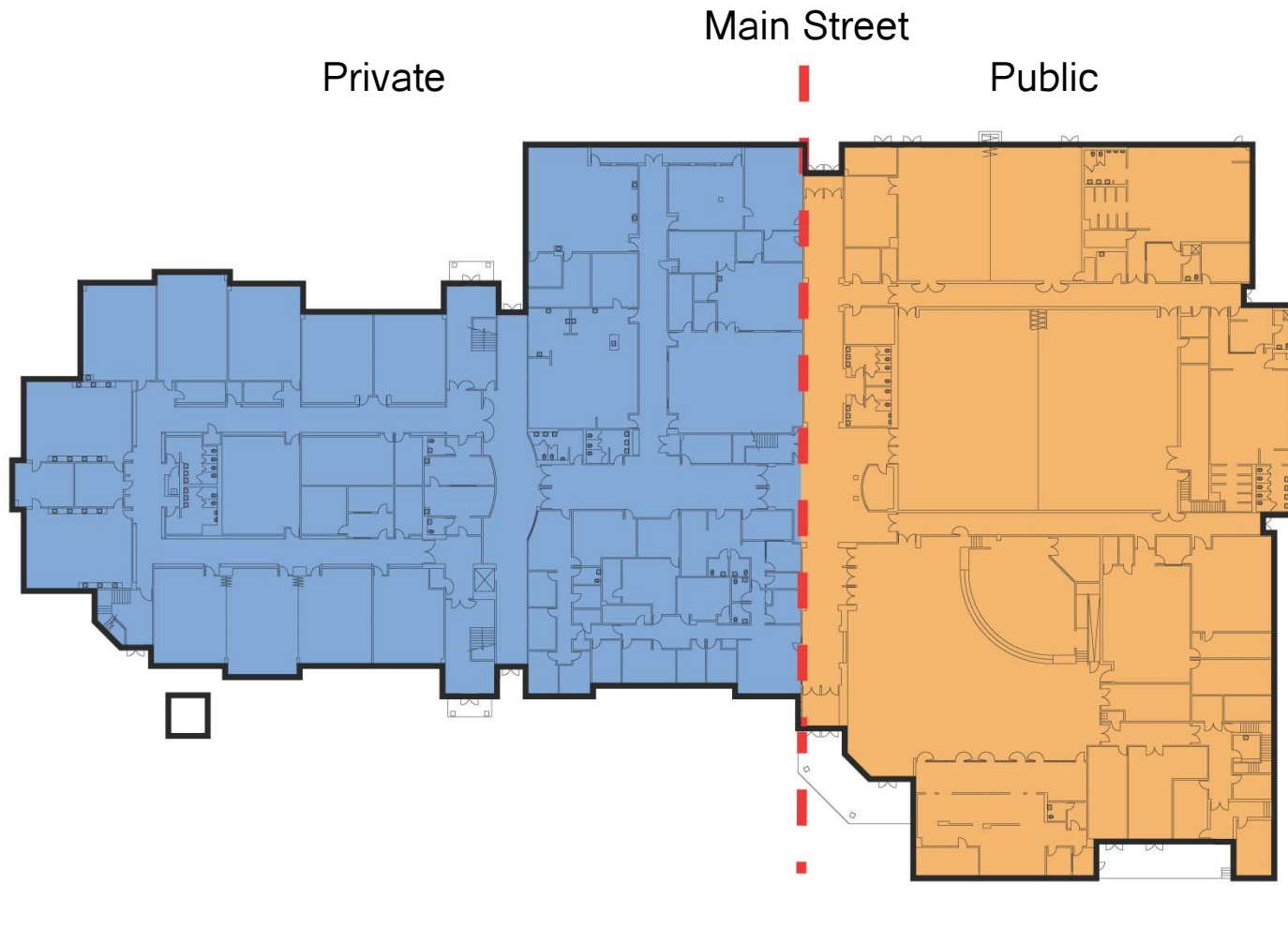




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Existing Public vs. Private

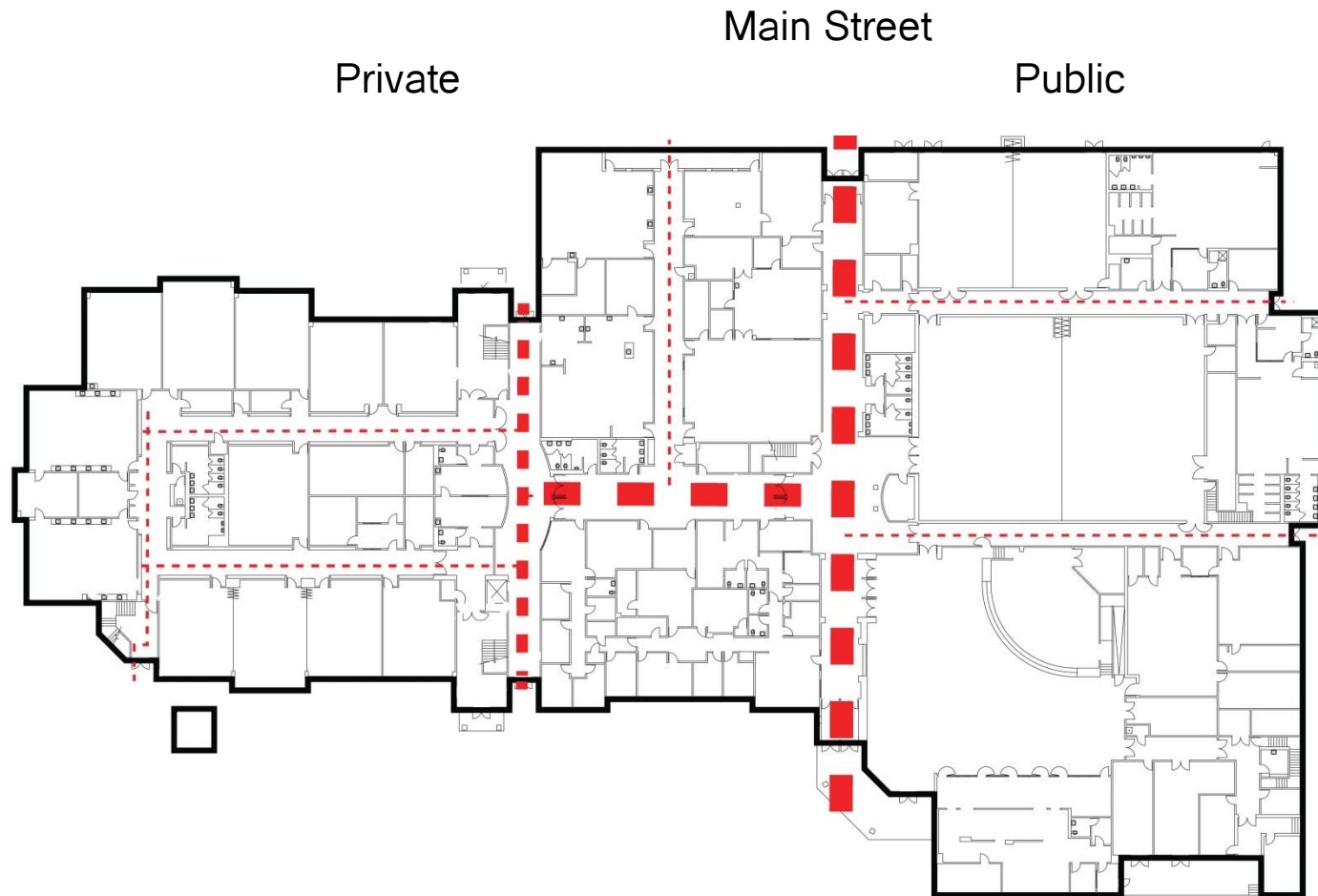




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Existing Horizontal Circulation

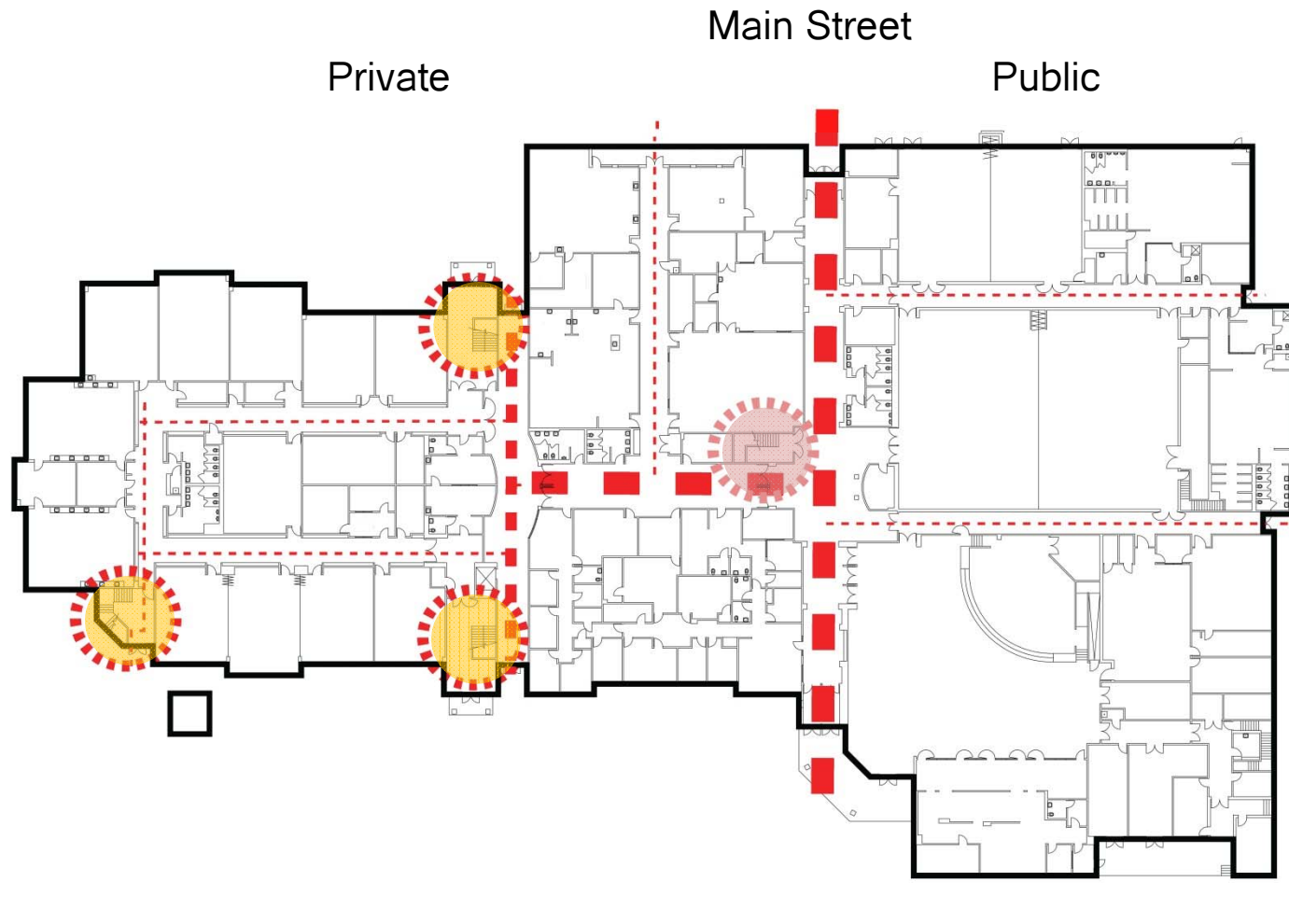




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Existing Horizontal and Vertical Circulation

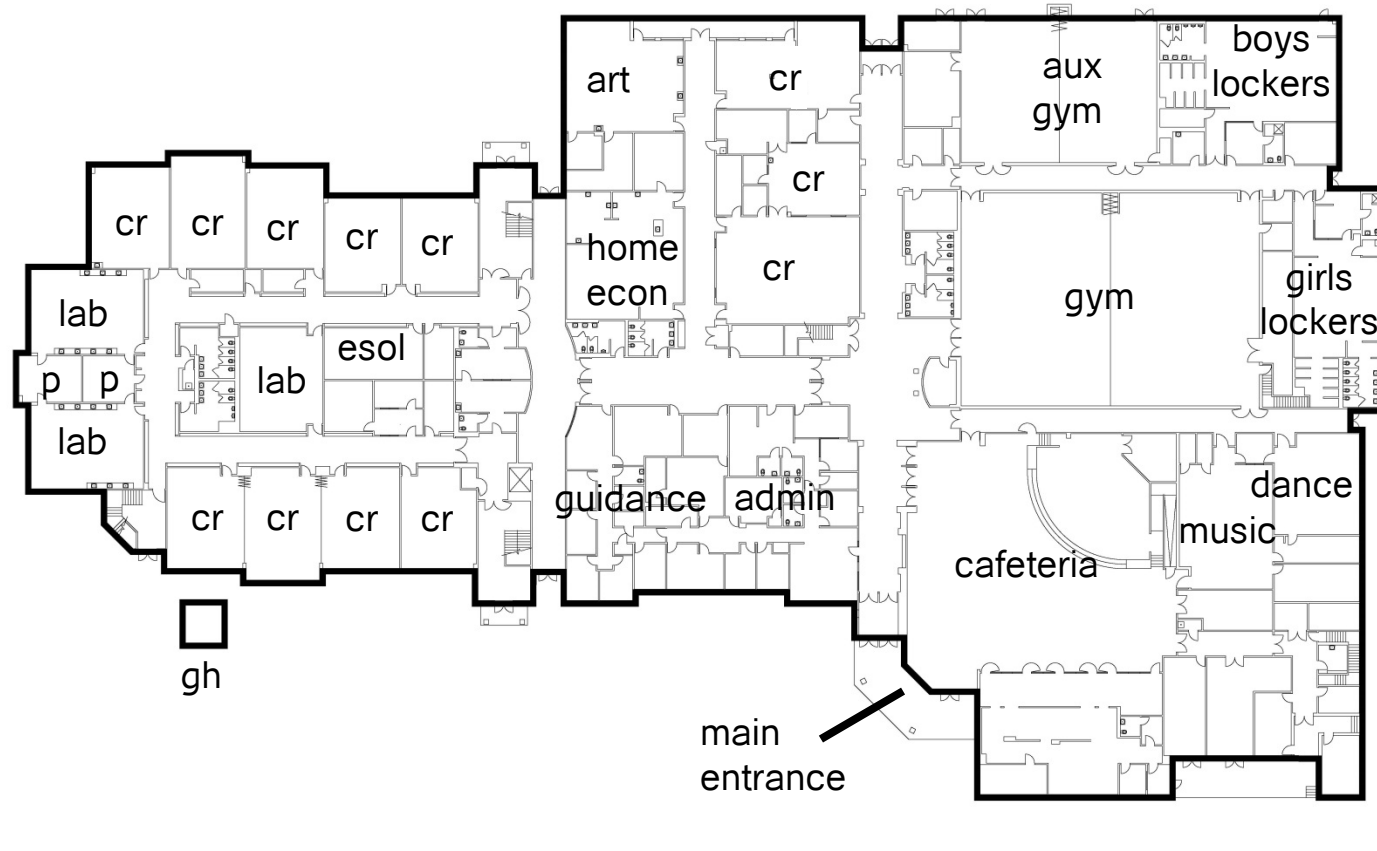




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Existing 1st Floor Plan

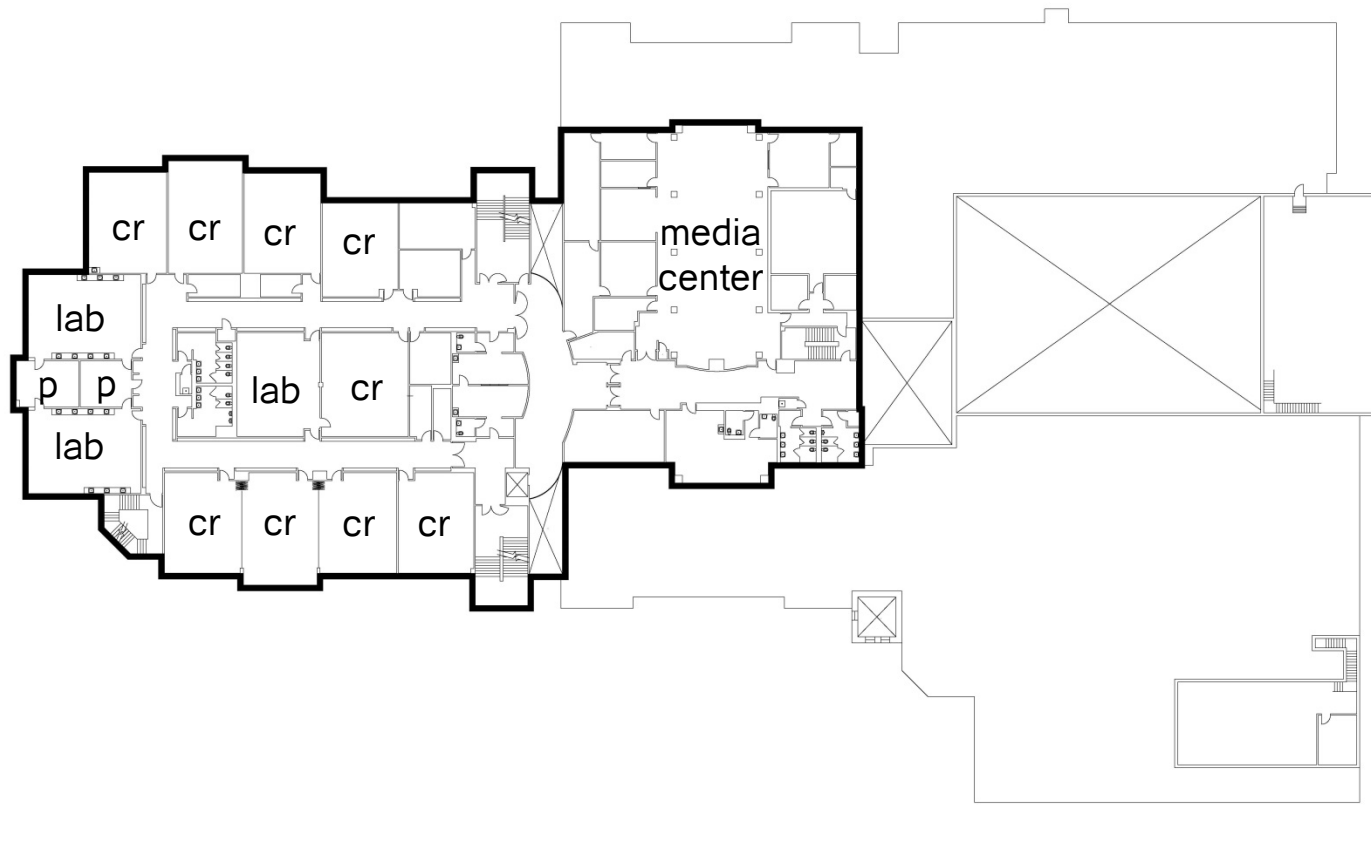




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Existing 2nd Floor Plan

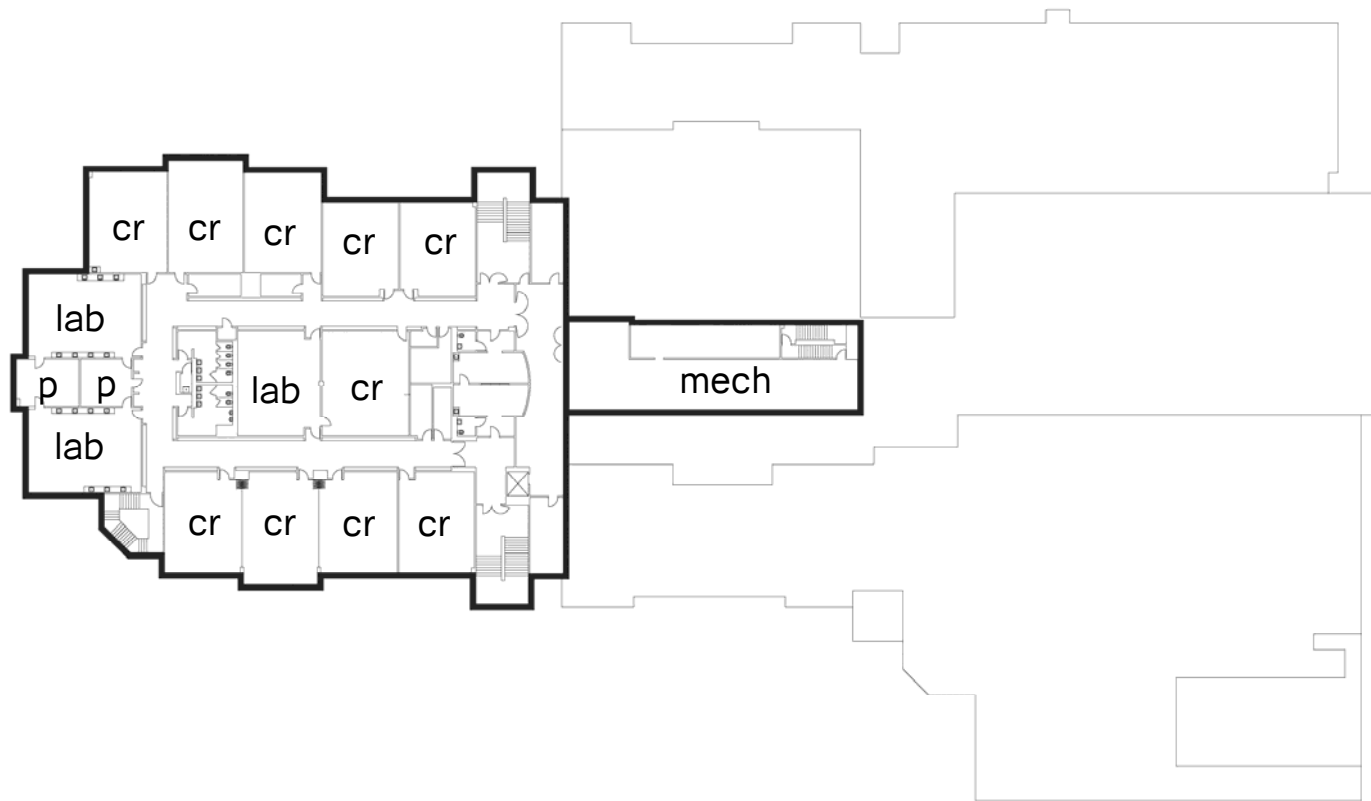




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Existing 3rd Floor Plan

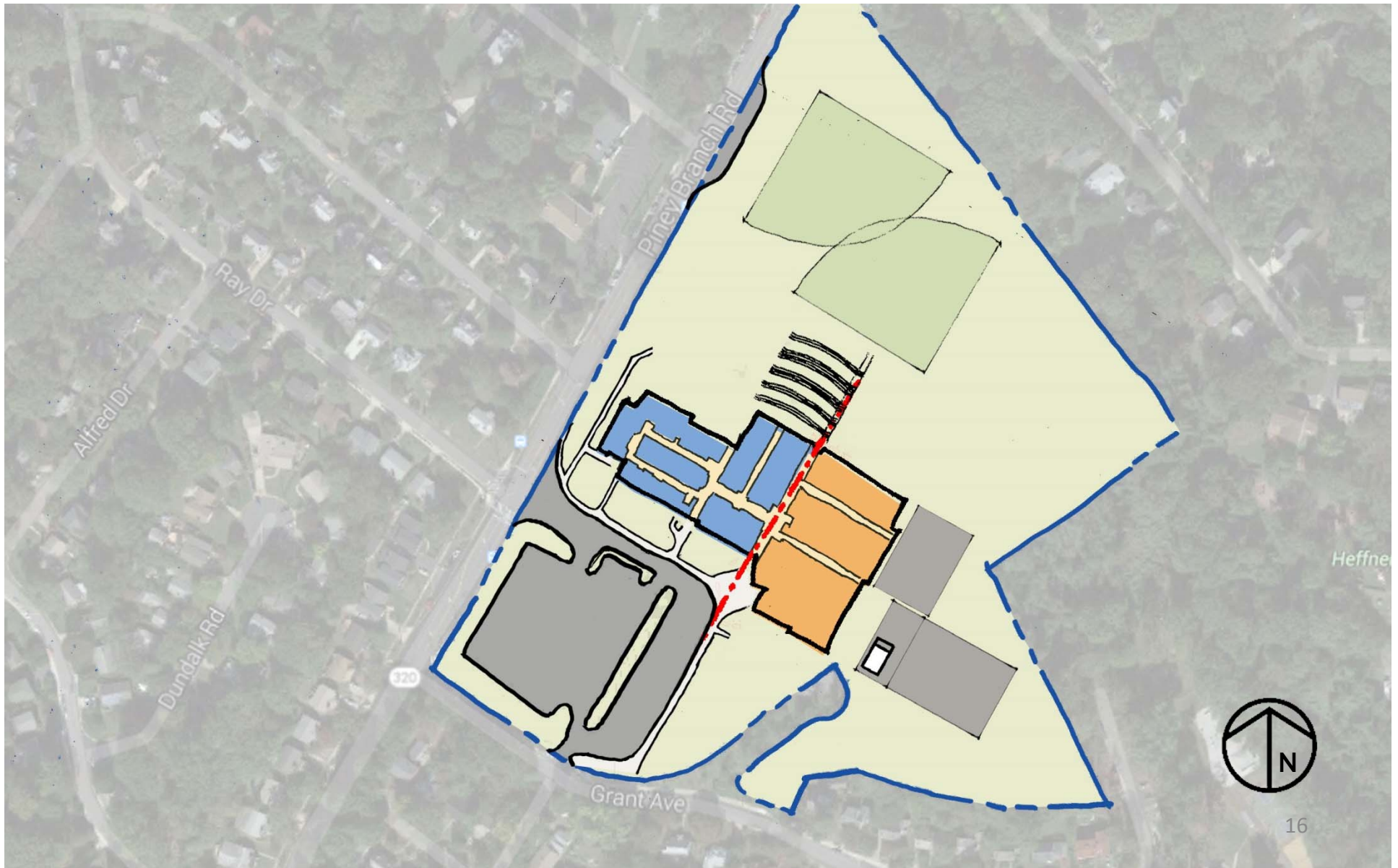




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Existing Site Layout



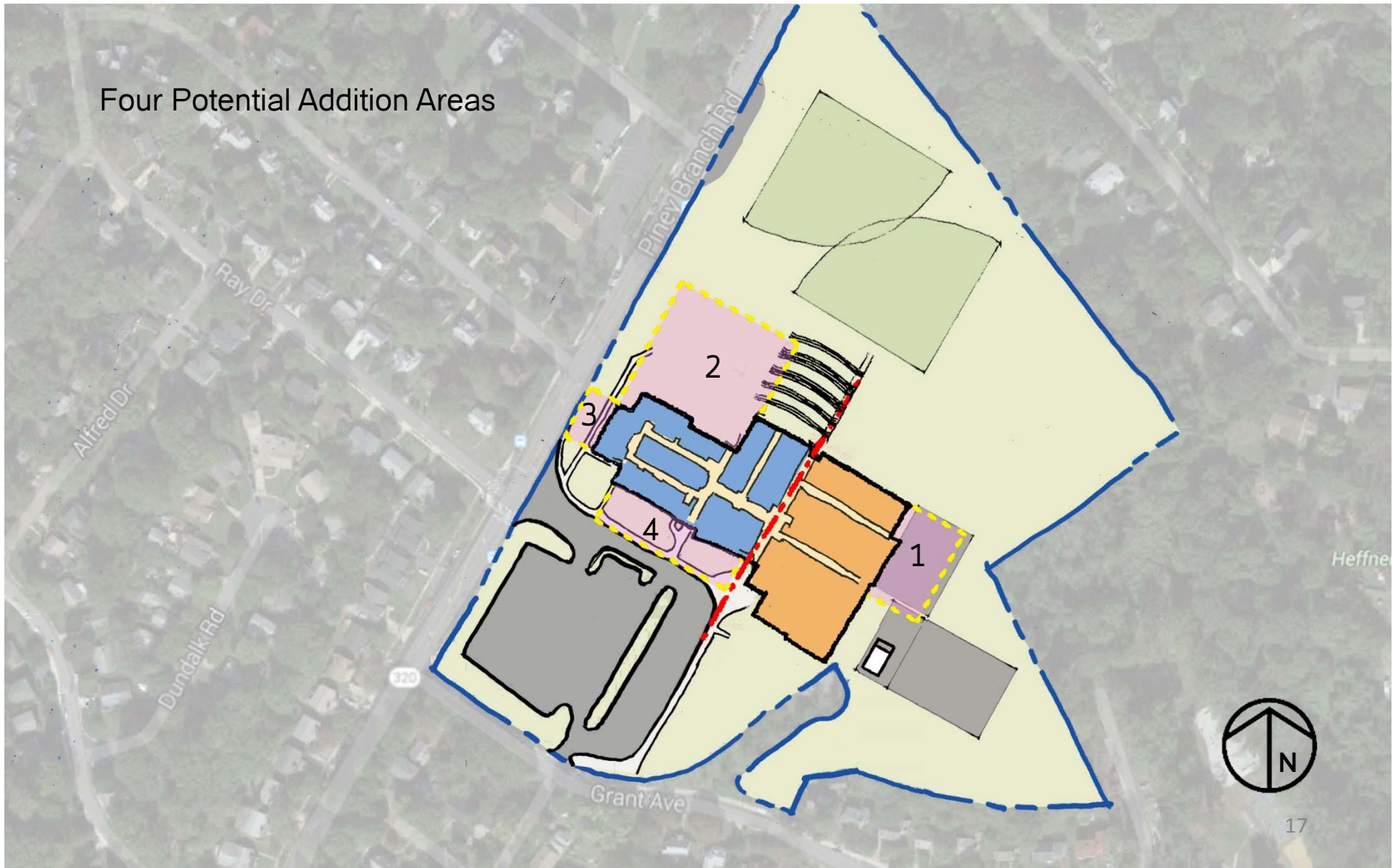


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Potential Addition Areas

Four Potential Addition Areas



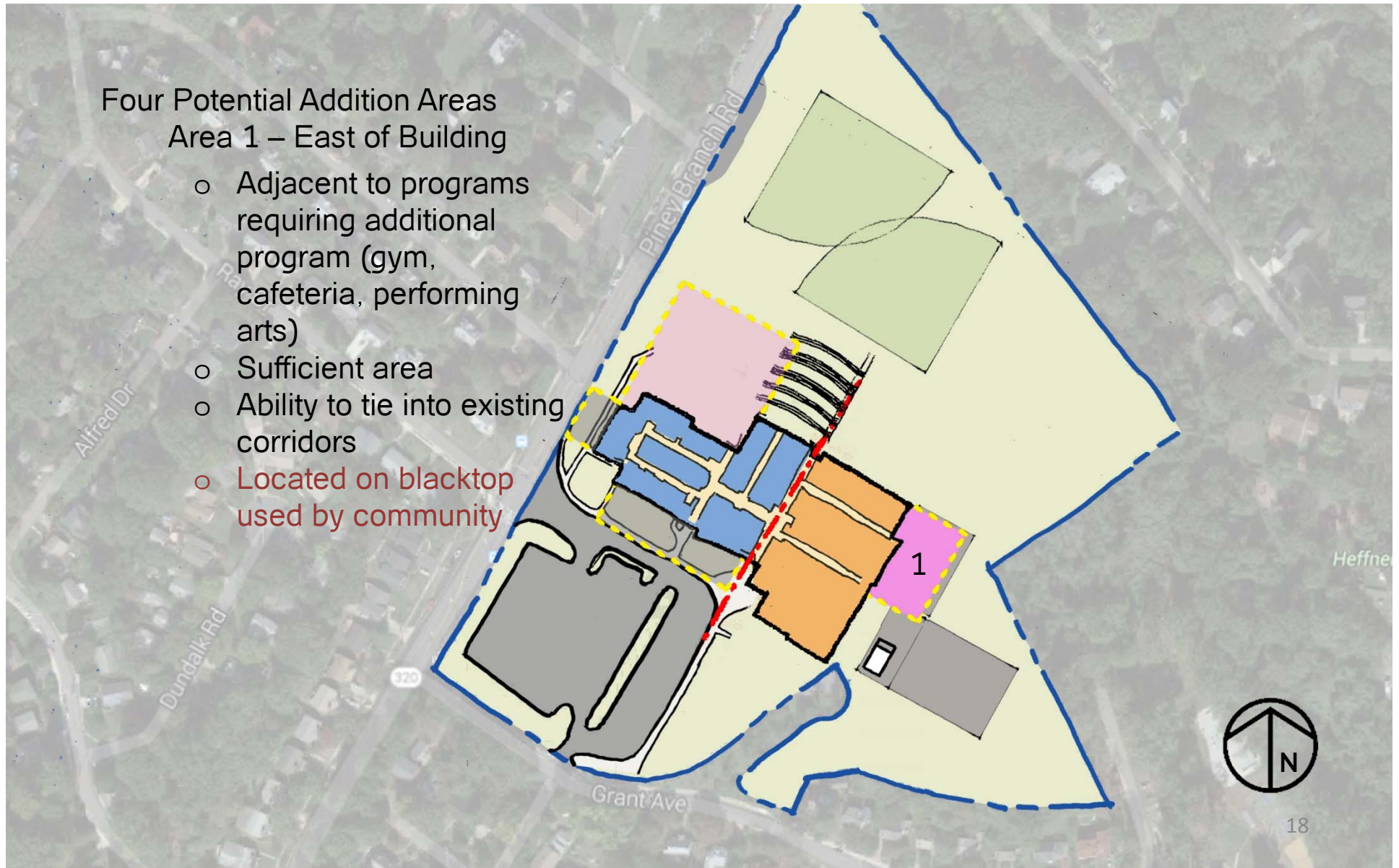
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Potential Addition Areas

Four Potential Addition Areas

Area 1 – East of Building

- Adjacent to programs requiring additional program (gym, cafeteria, performing arts)
- Sufficient area
- Ability to tie into existing corridors
- Located on blacktop used by community



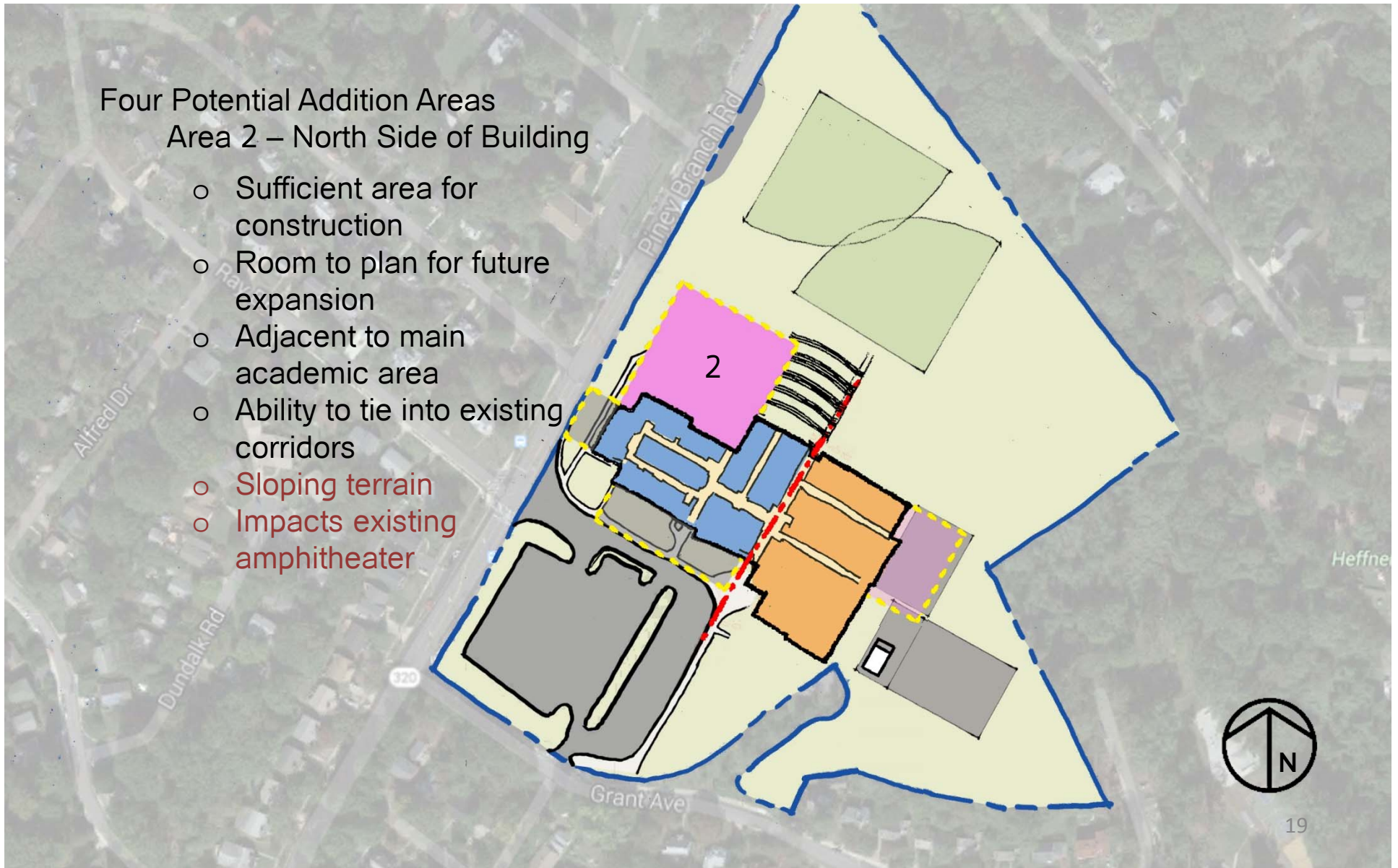
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Potential Addition Areas

Four Potential Addition Areas

Area 2 – North Side of Building

- Sufficient area for construction
- Room to plan for future expansion
- Adjacent to main academic area
- Ability to tie into existing corridors
- Sloping terrain
- Impacts existing amphitheater





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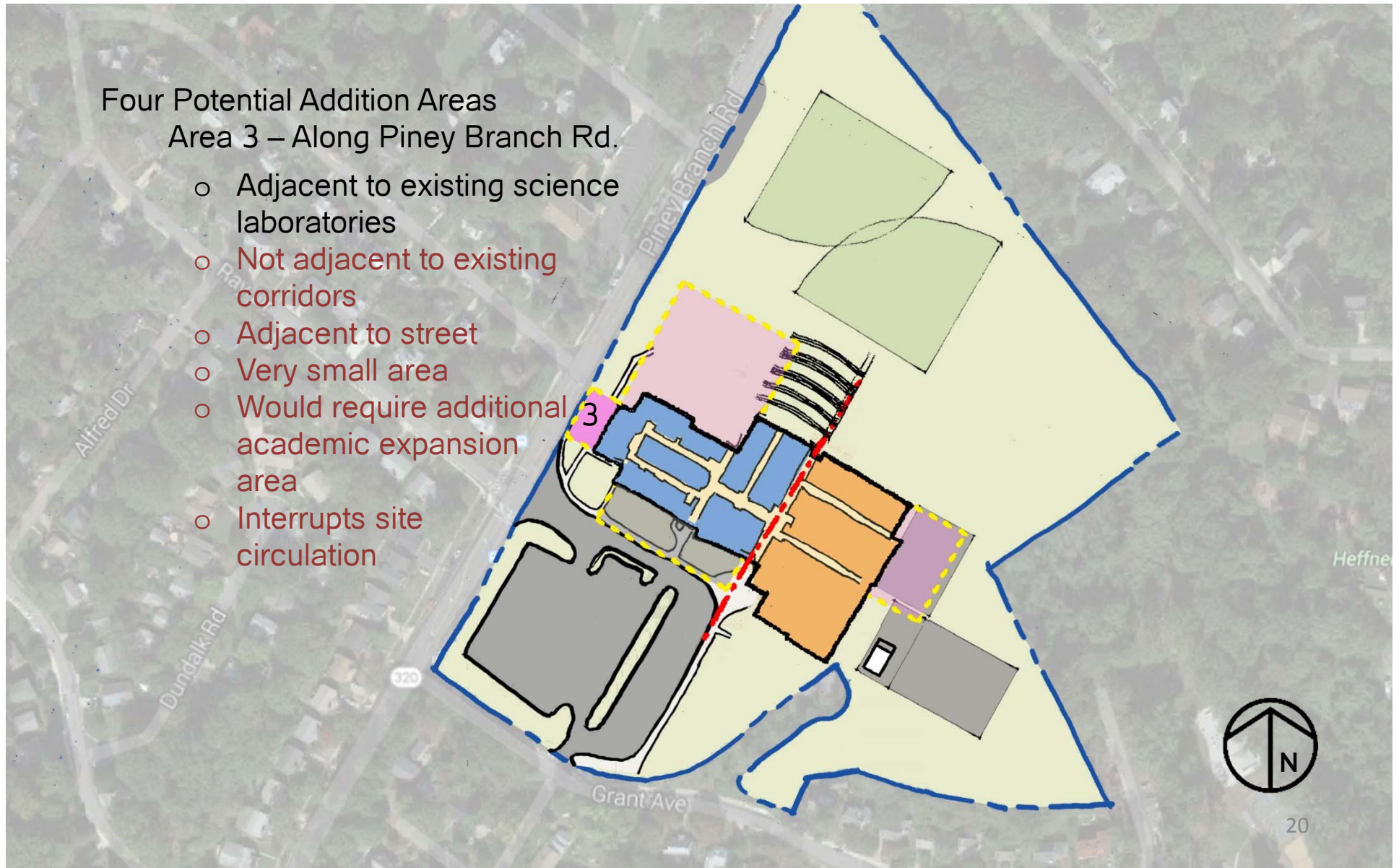
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Potential Addition Areas

Four Potential Addition Areas

Area 3 – Along Piney Branch Rd.

- Adjacent to existing science laboratories
- Not adjacent to existing corridors
- Adjacent to street
- Very small area
- Would require additional academic expansion area
- Interrupts site circulation



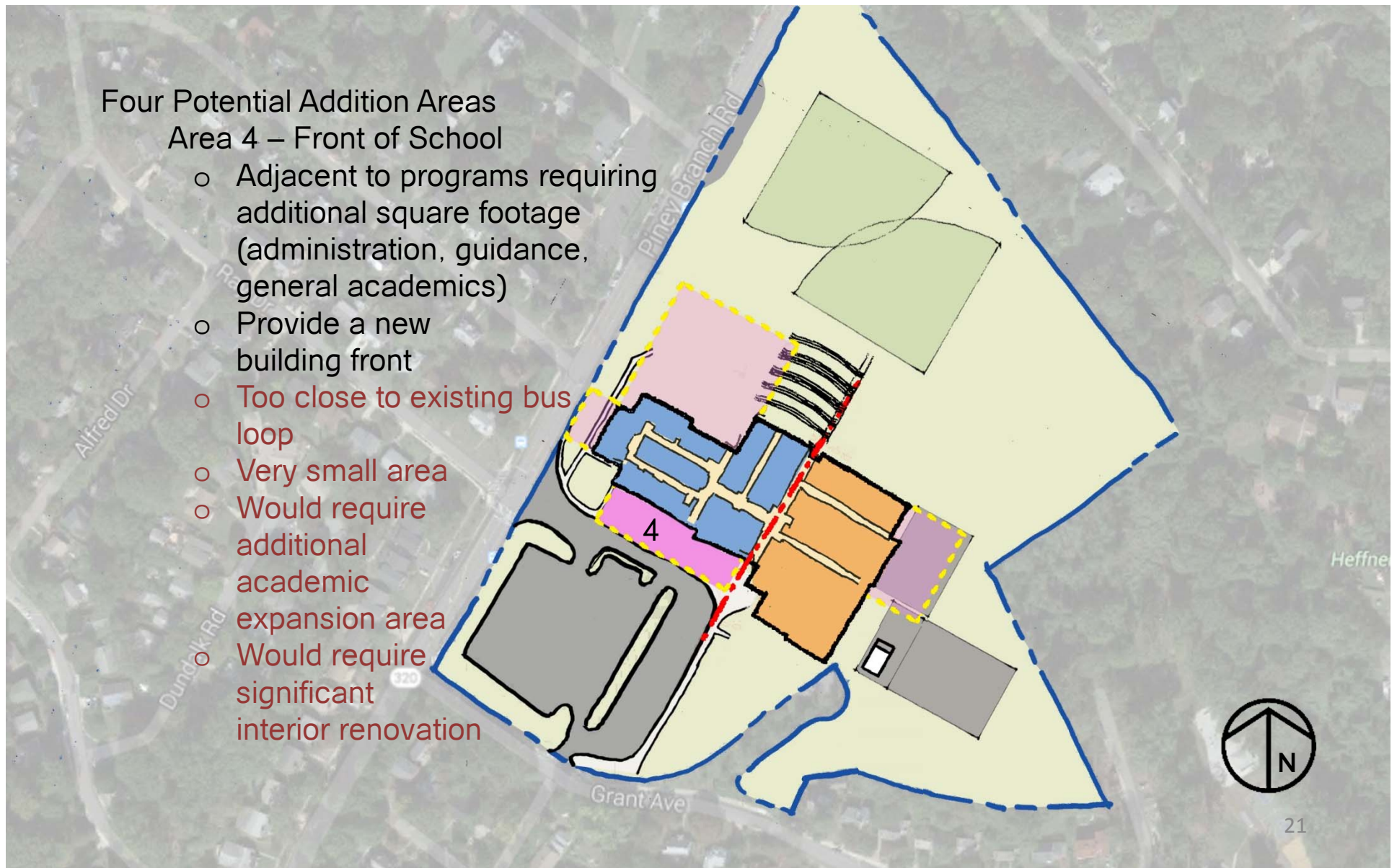
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Potential Addition Areas

Four Potential Addition Areas

Area 4 – Front of School

- Adjacent to programs requiring additional square footage (administration, guidance, general academics)
- Provide a new building front
- Too close to existing bus loop
- Very small area
- Would require additional academic expansion area
- Would require significant interior renovation





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Concepts

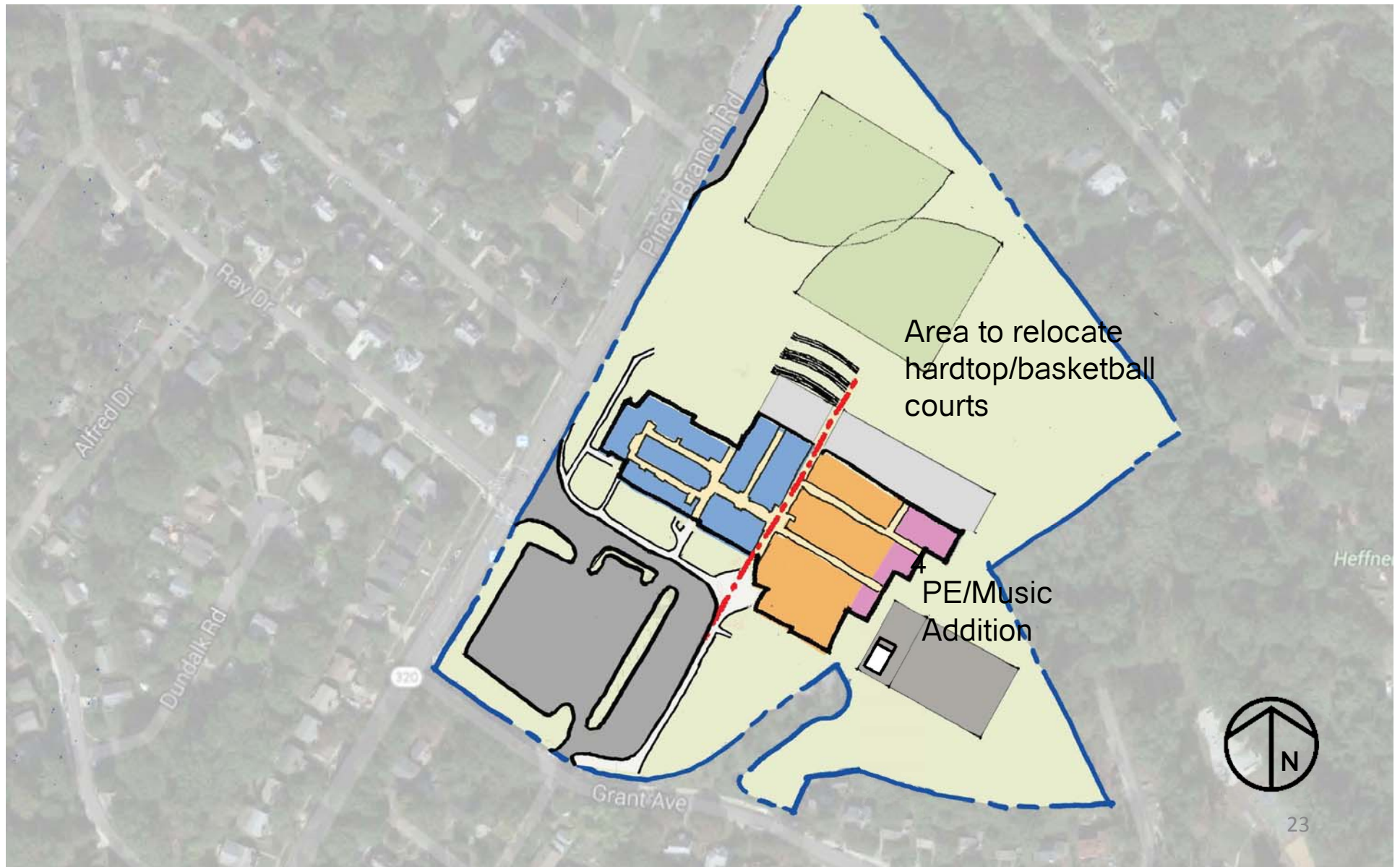




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Music, Physical Ed. & Building Services Addition

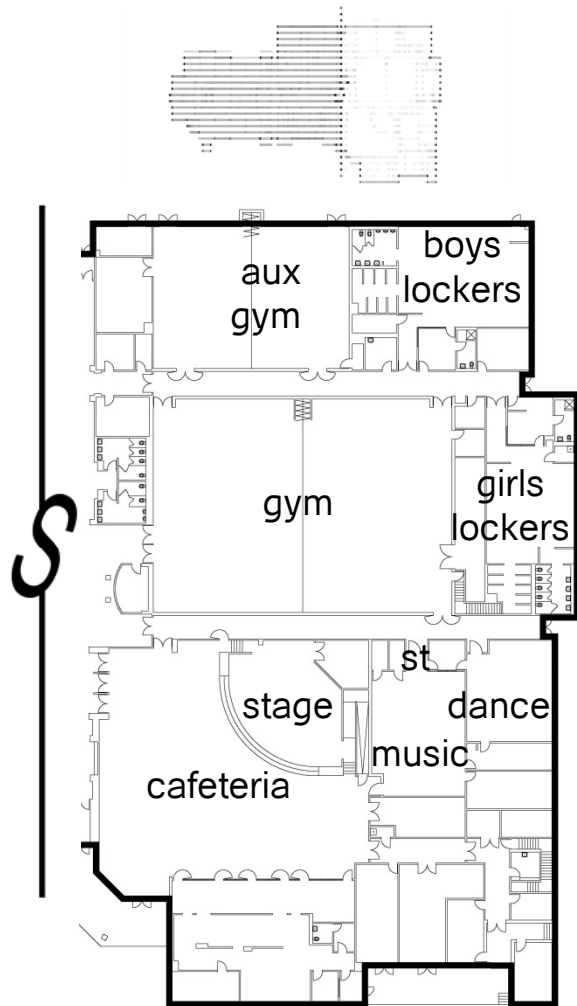




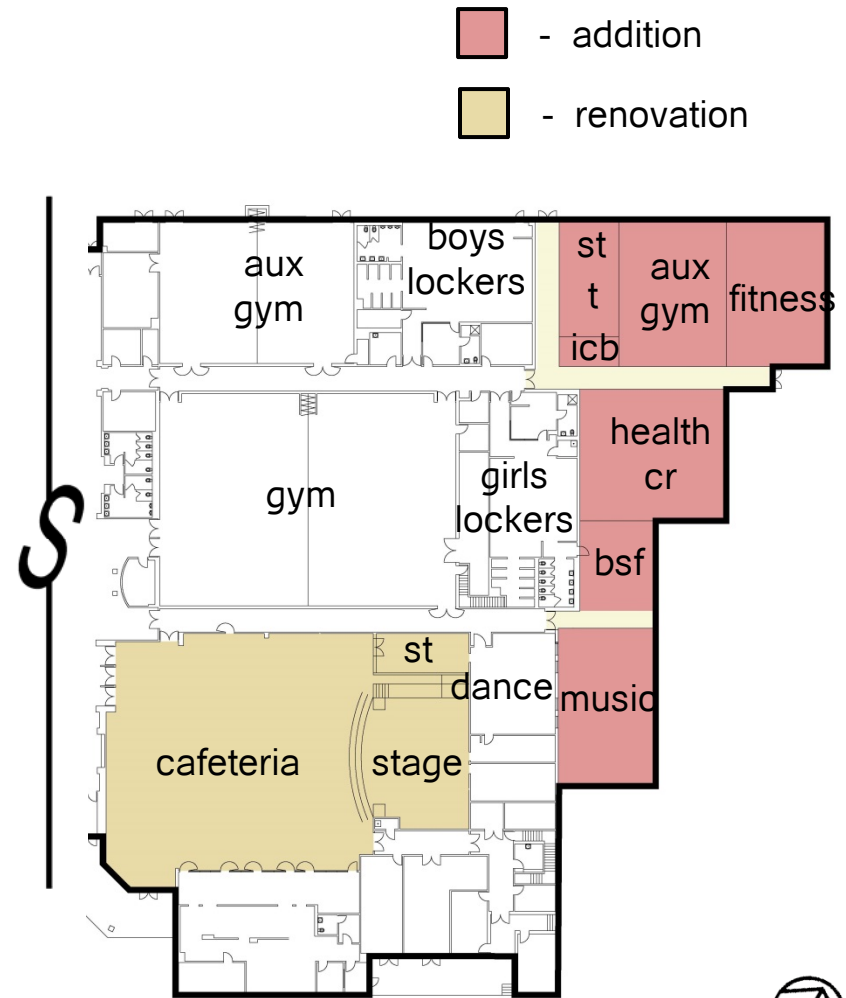
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Music, Physical Ed. & Building Services Addition



Existing Partial 1st Floor Plan



Proposed Floor Plan

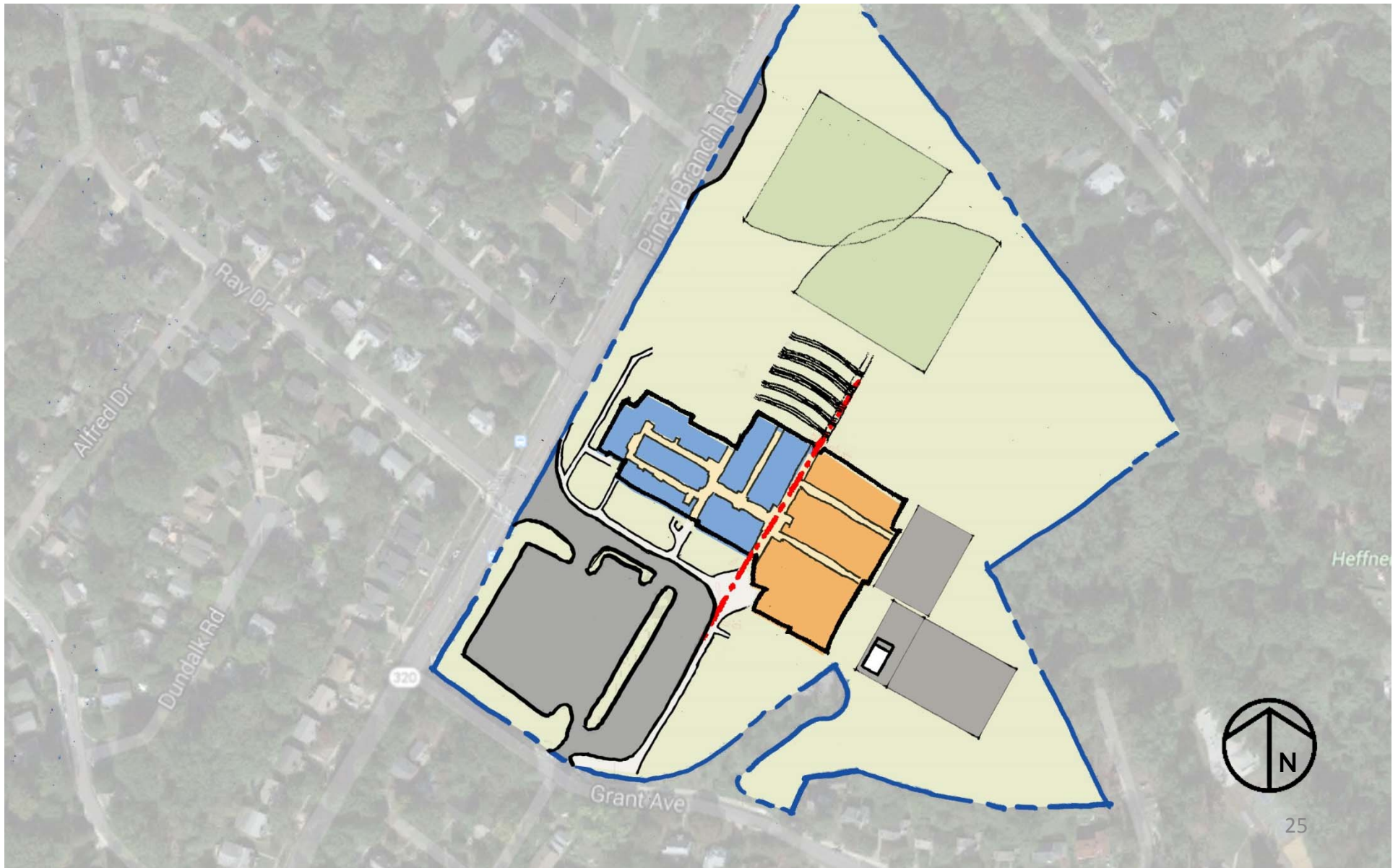




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Existing Site Layout





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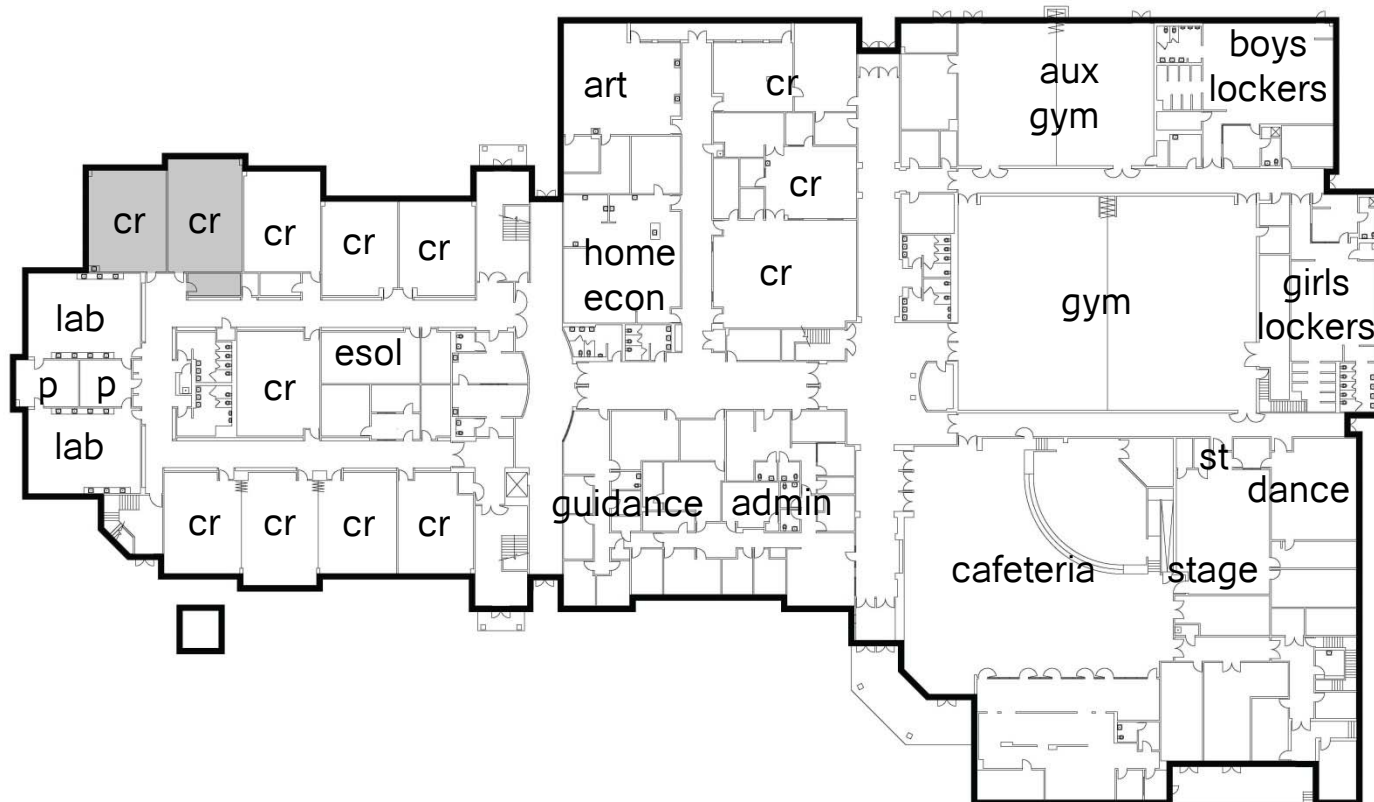
Concept 1 Layout



CONCEPT 1

Renovation / Repurpose Areas

 - renovation

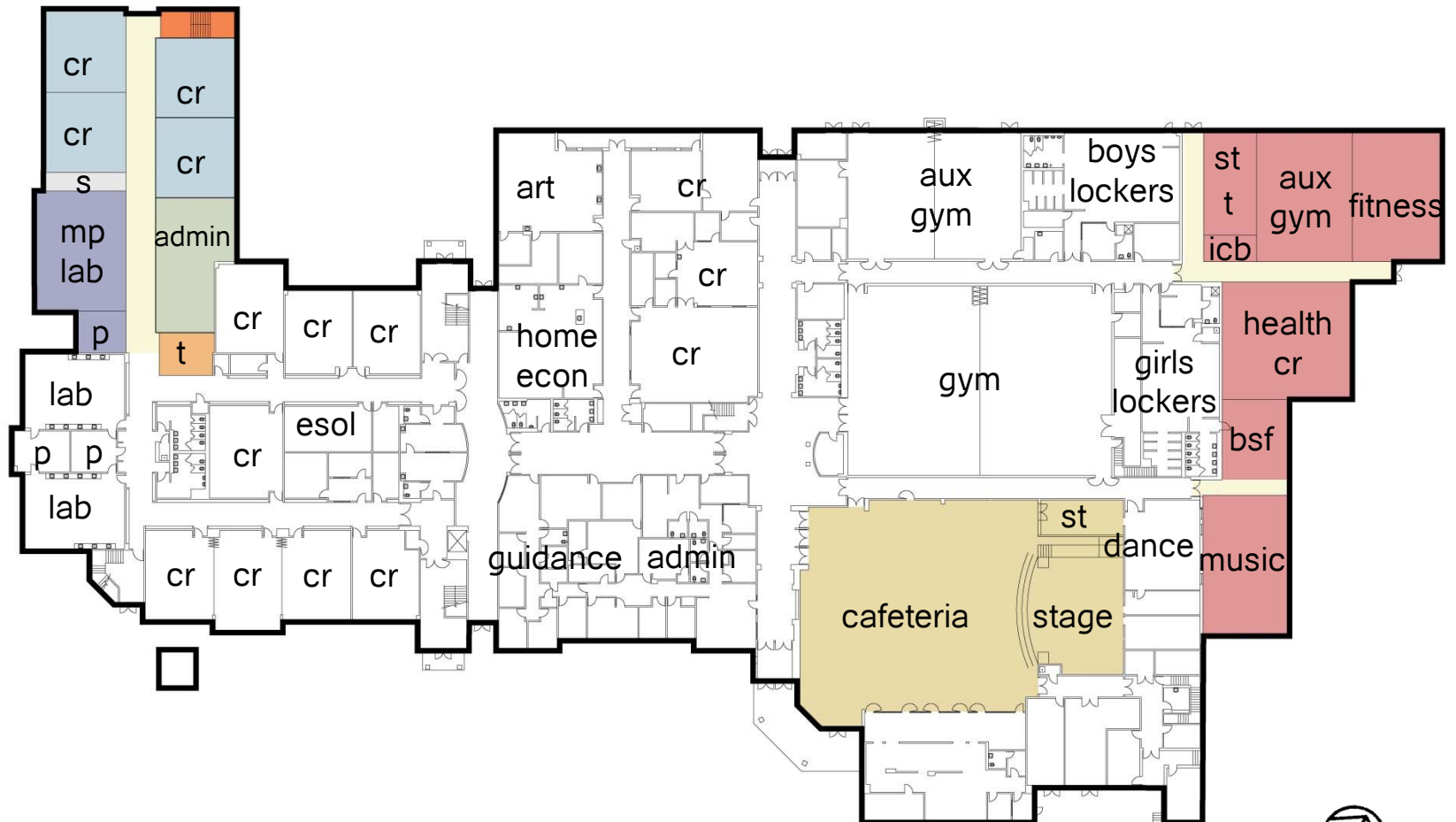




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CONCEPT 1

1st Floor Plan

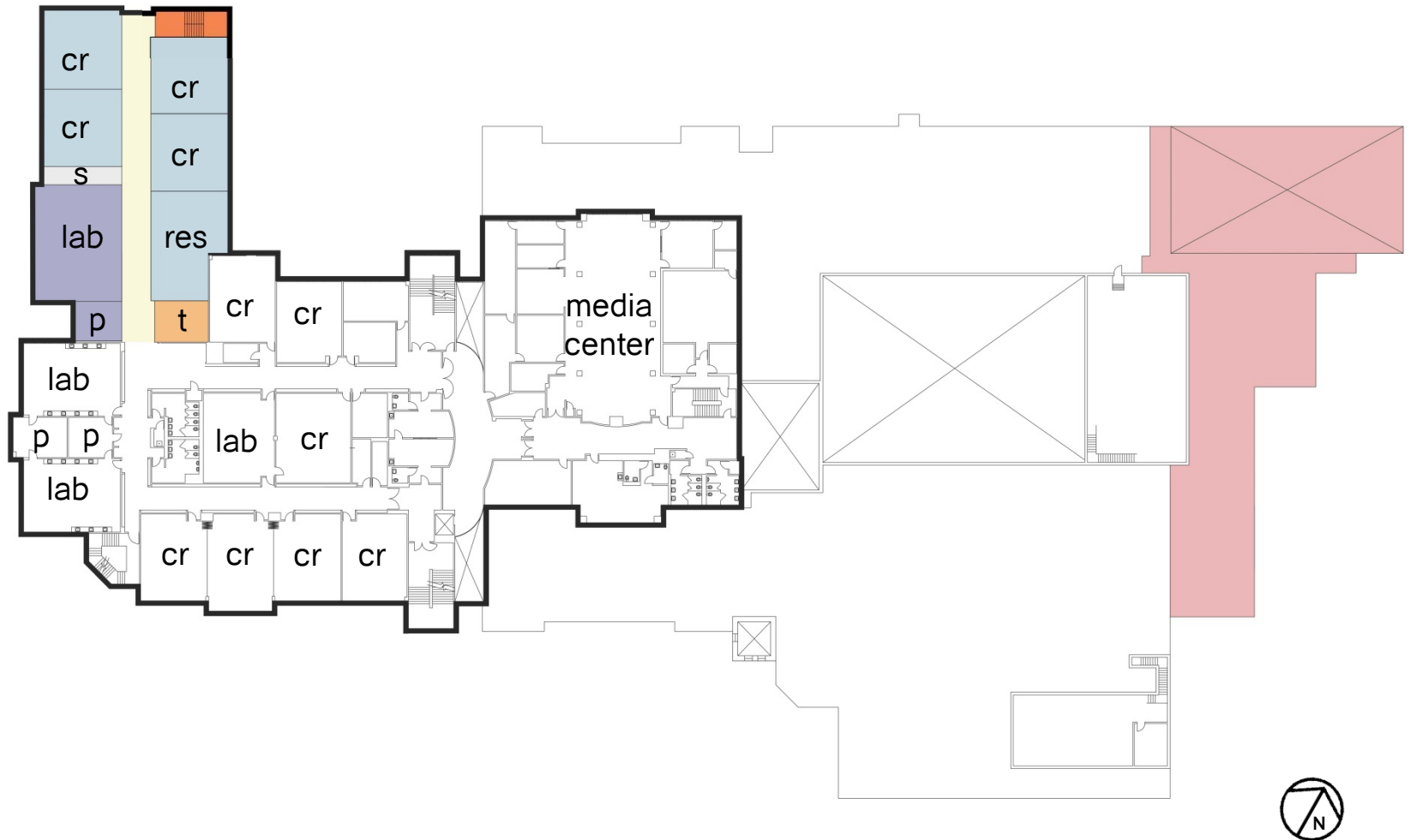




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CONCEPT 1

2ND Floor Plan



3RD Floor Plan

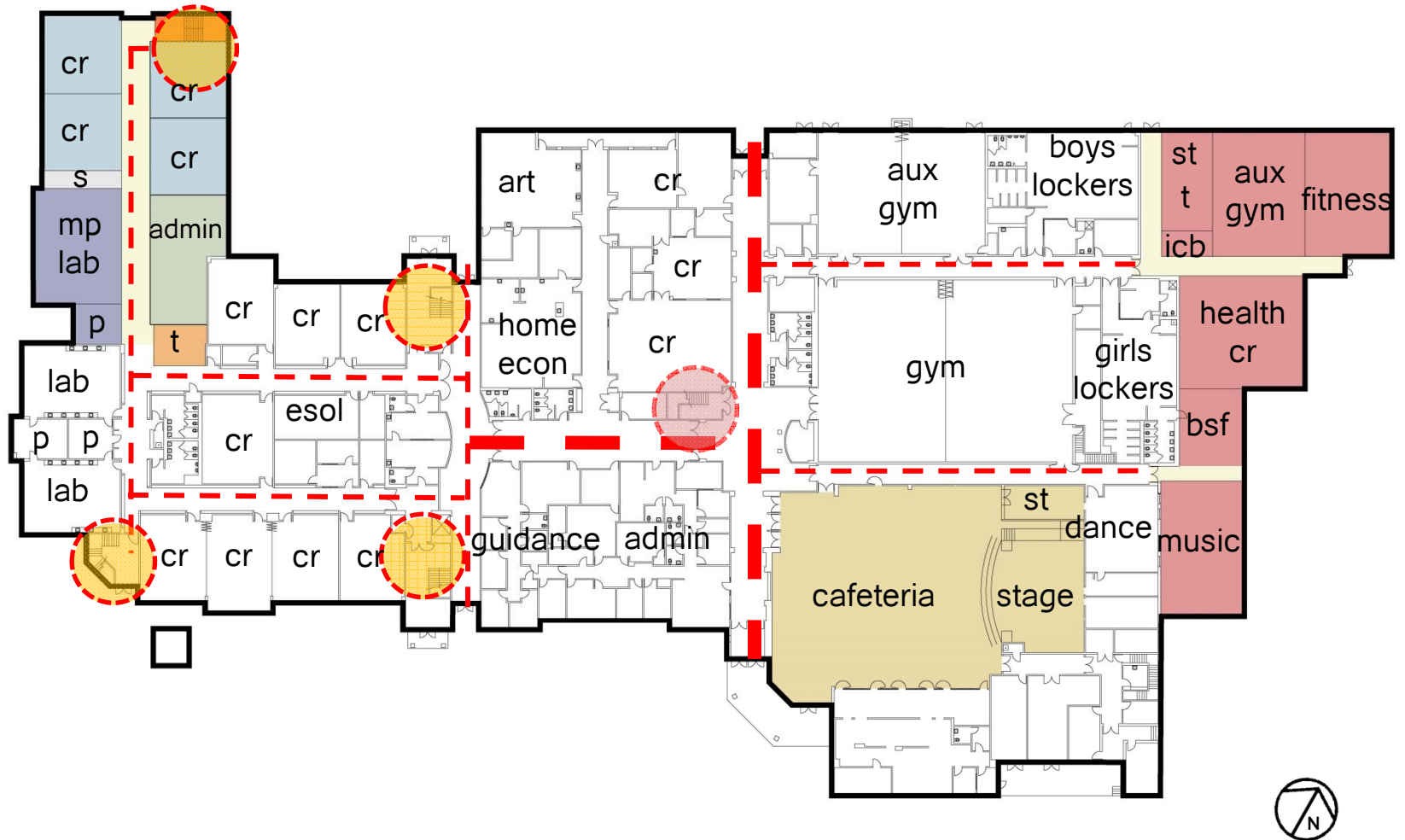




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CONCEPT 1

Circulation

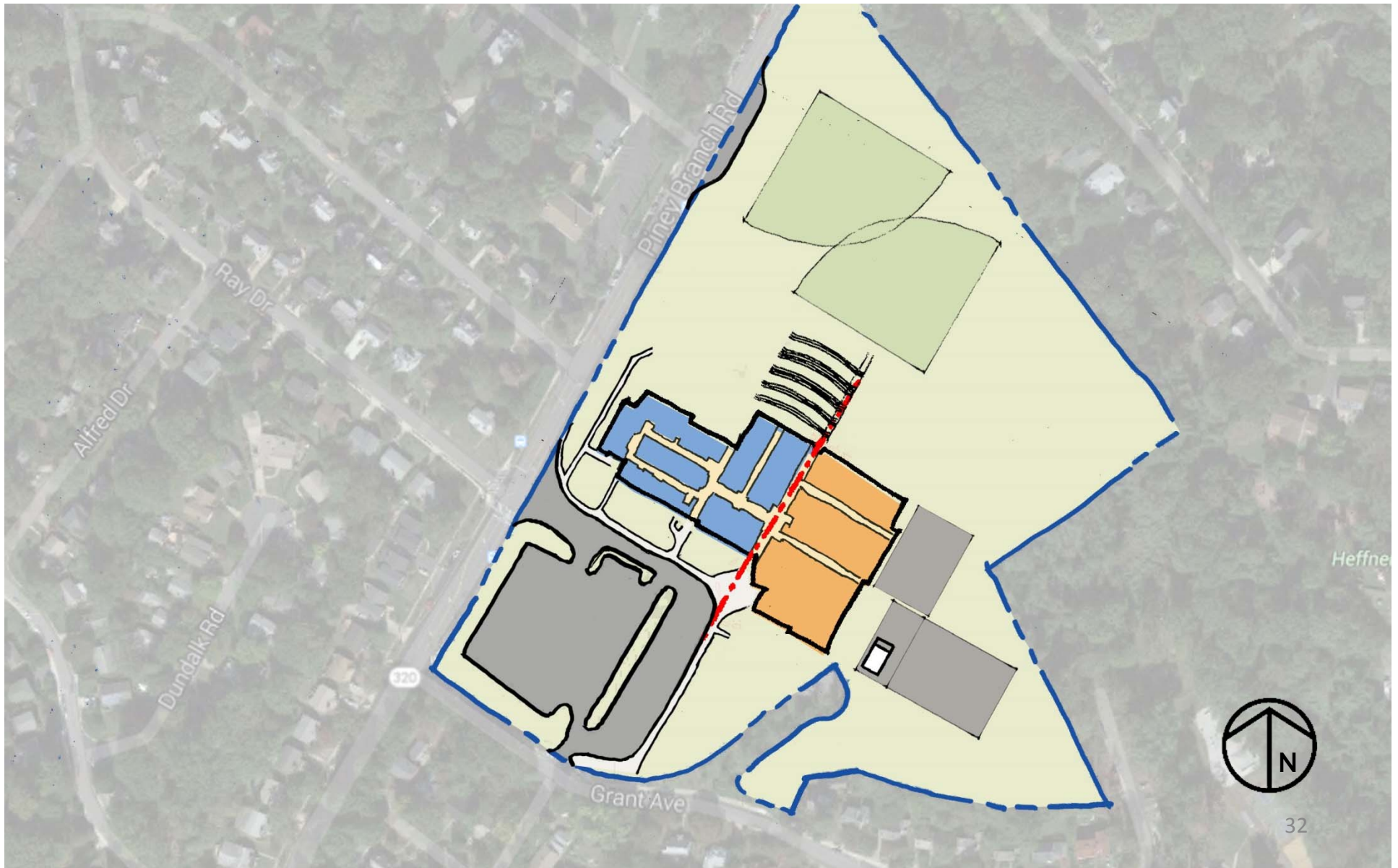




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Existing Site Layout

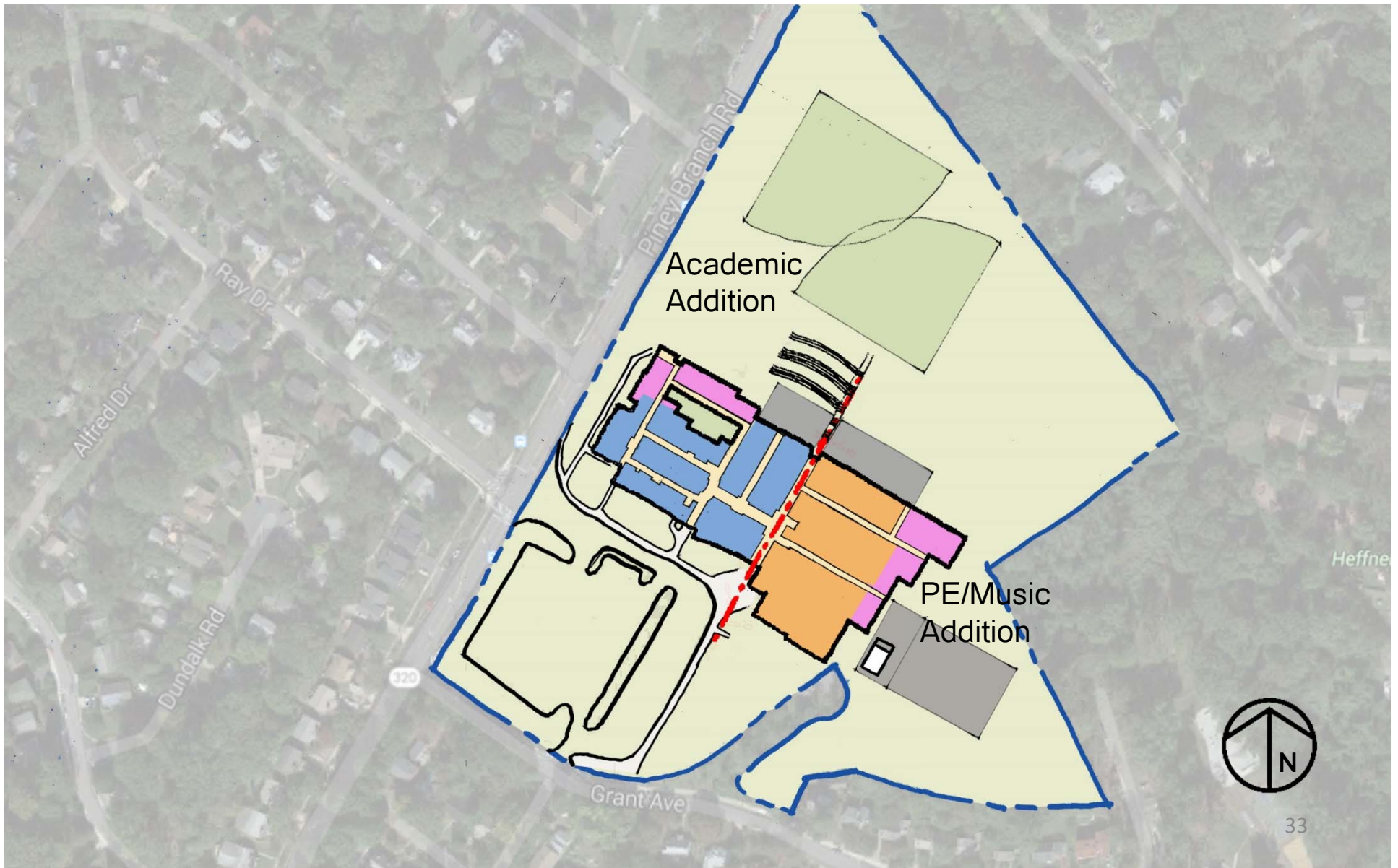




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Concept 2 Layout

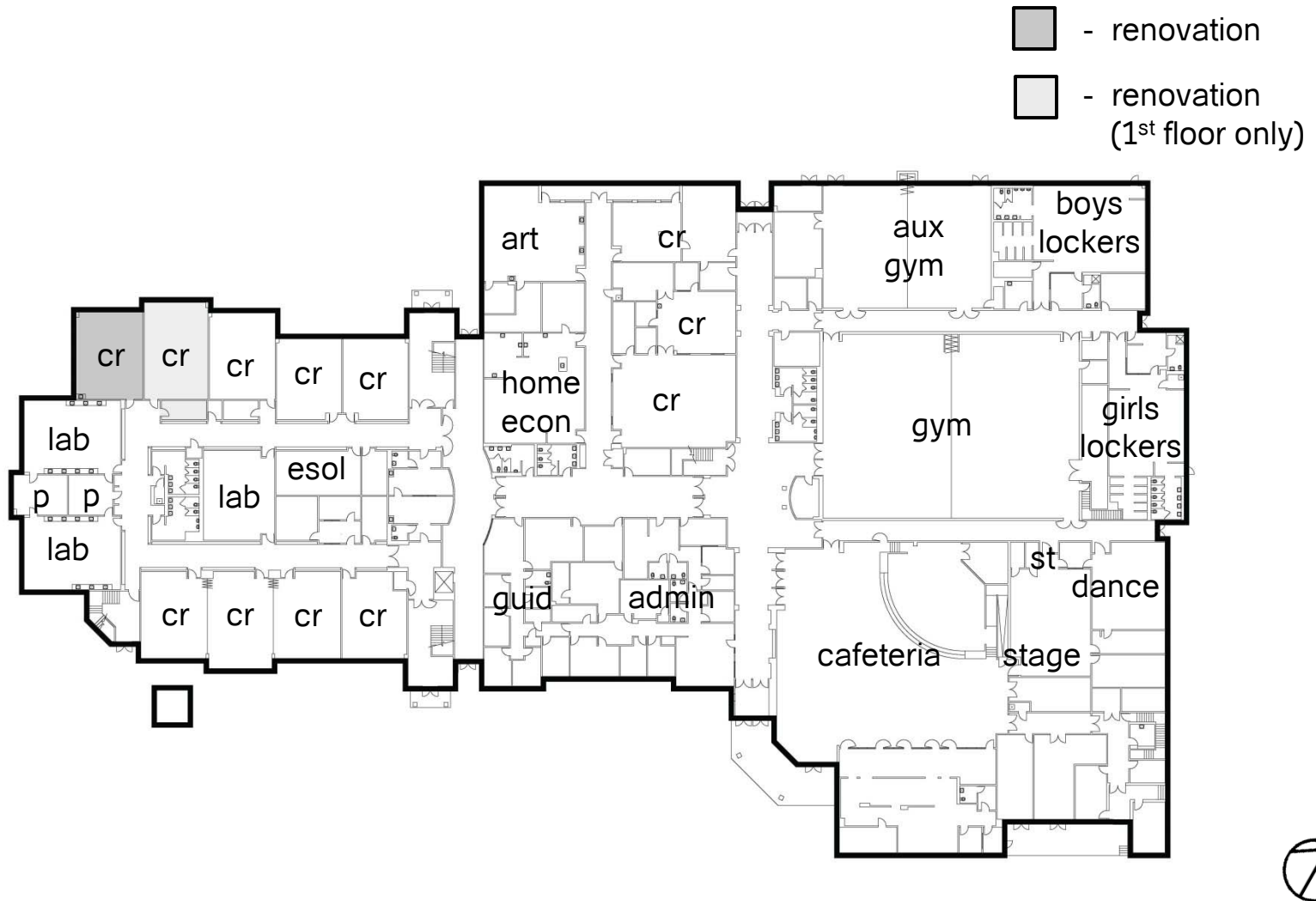




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CONCEPT 2

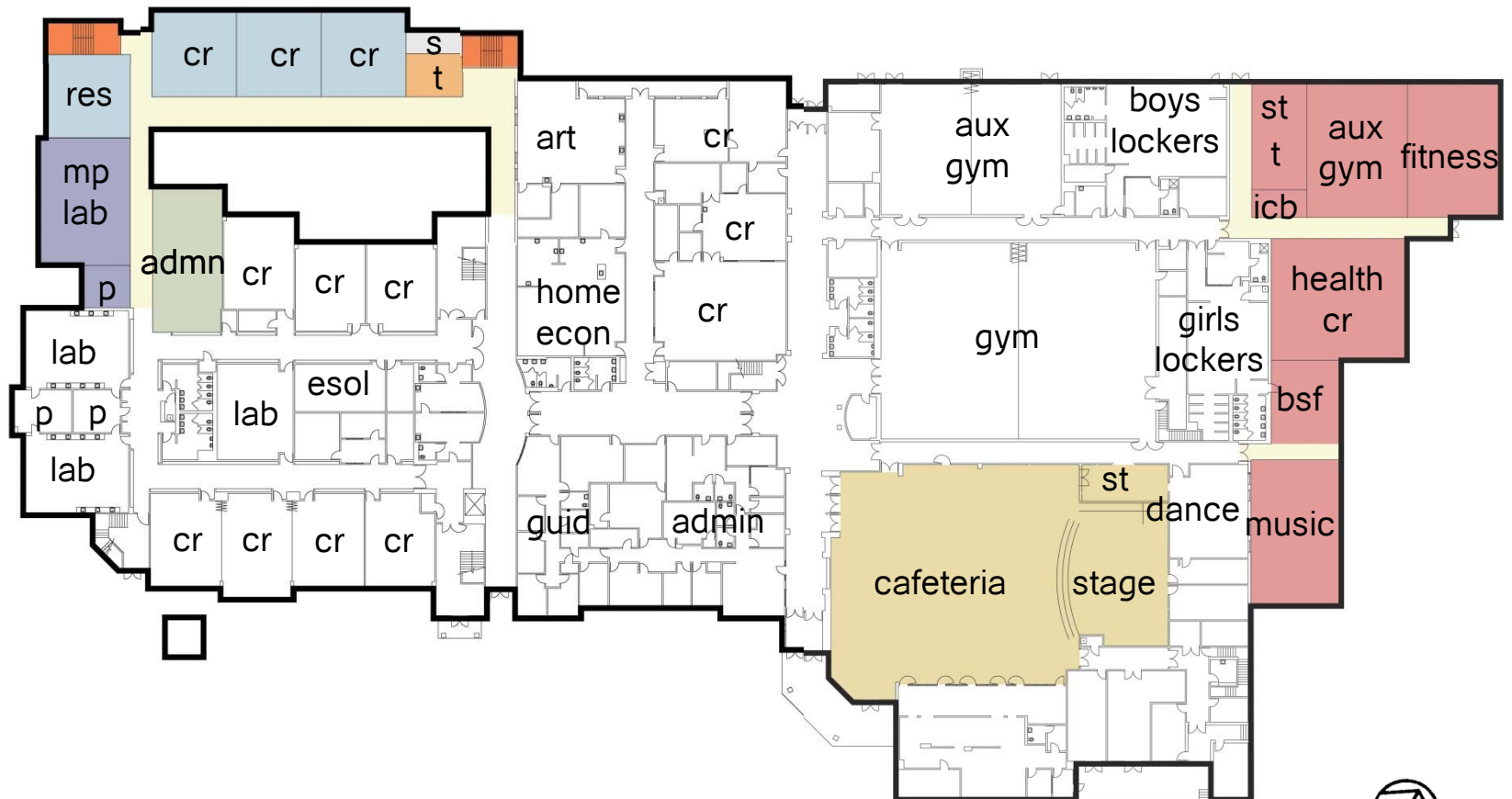
Renovation / Repurpose Areas





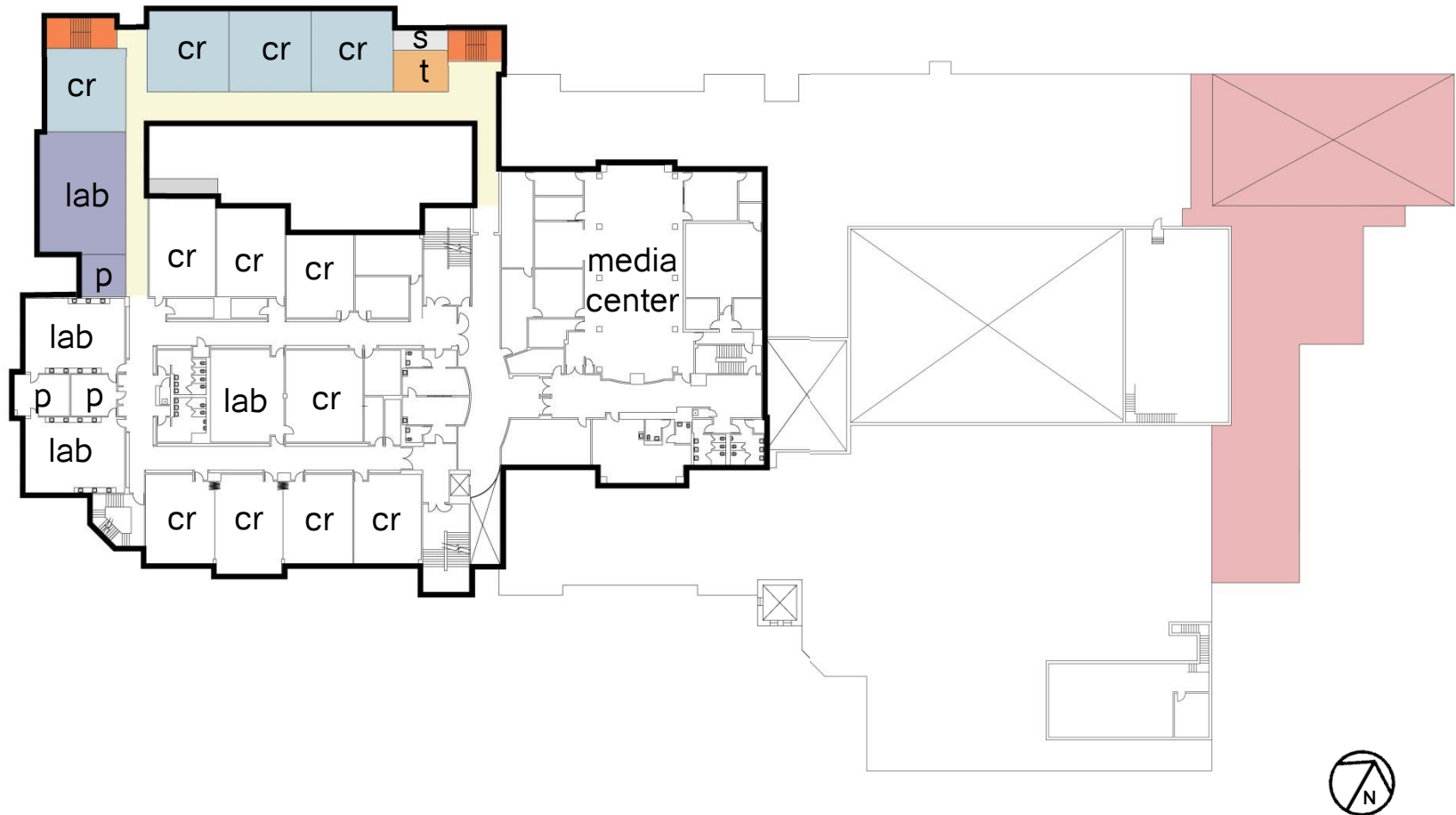
CONCEPT 2

1st Floor Plan



CONCEPT 2

2nd Floor Plan

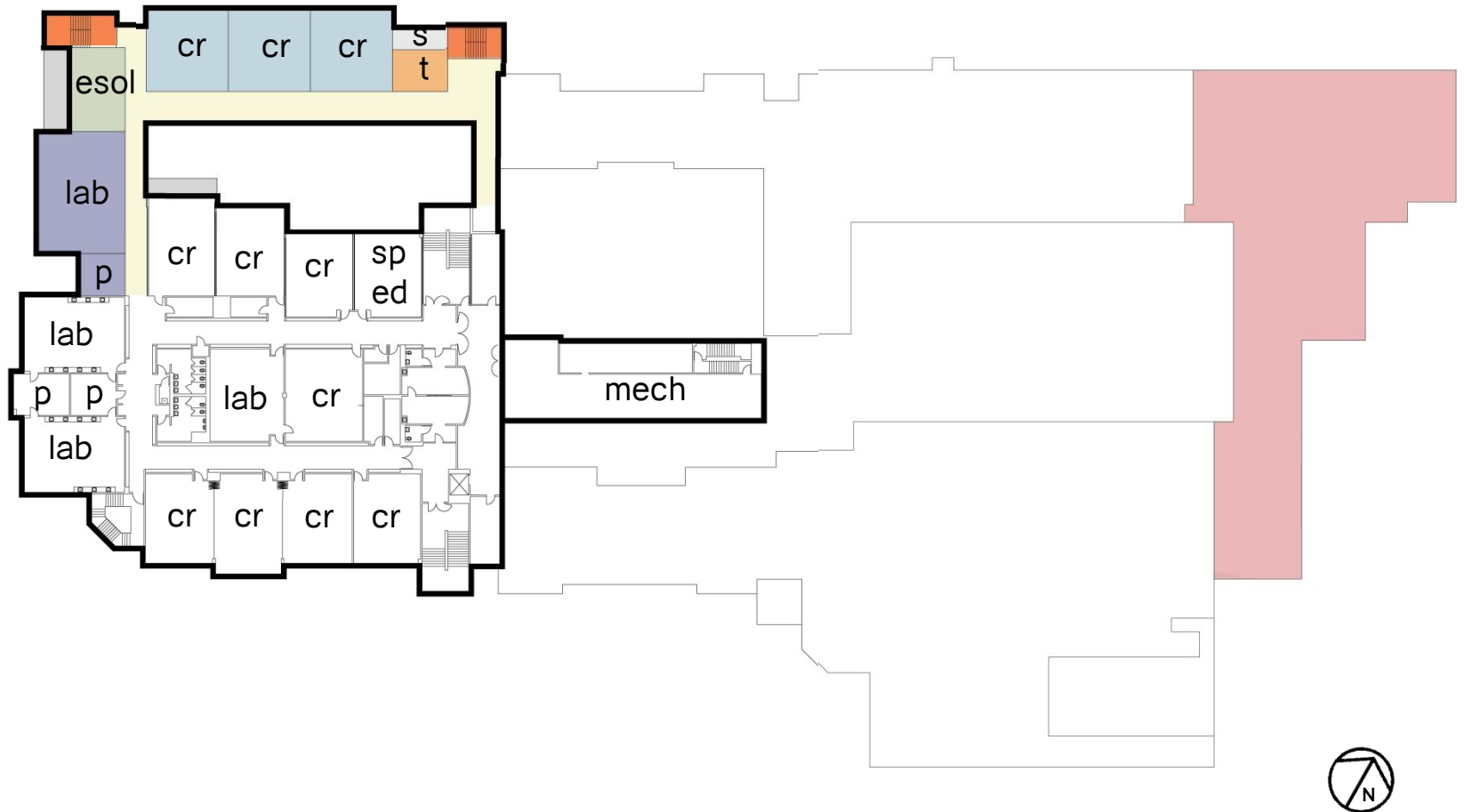


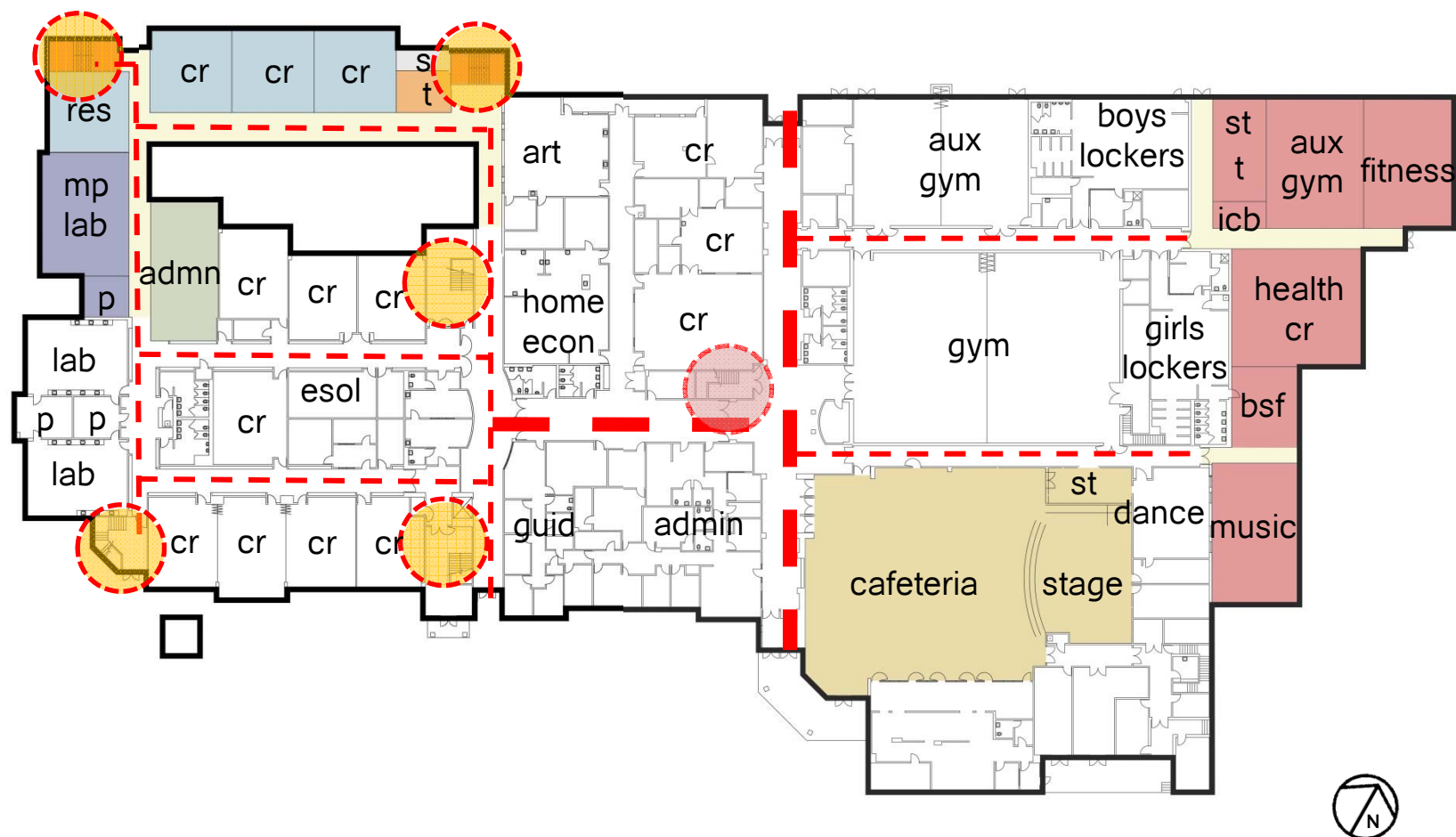


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CONCEPT 2

3rd Floor Plan







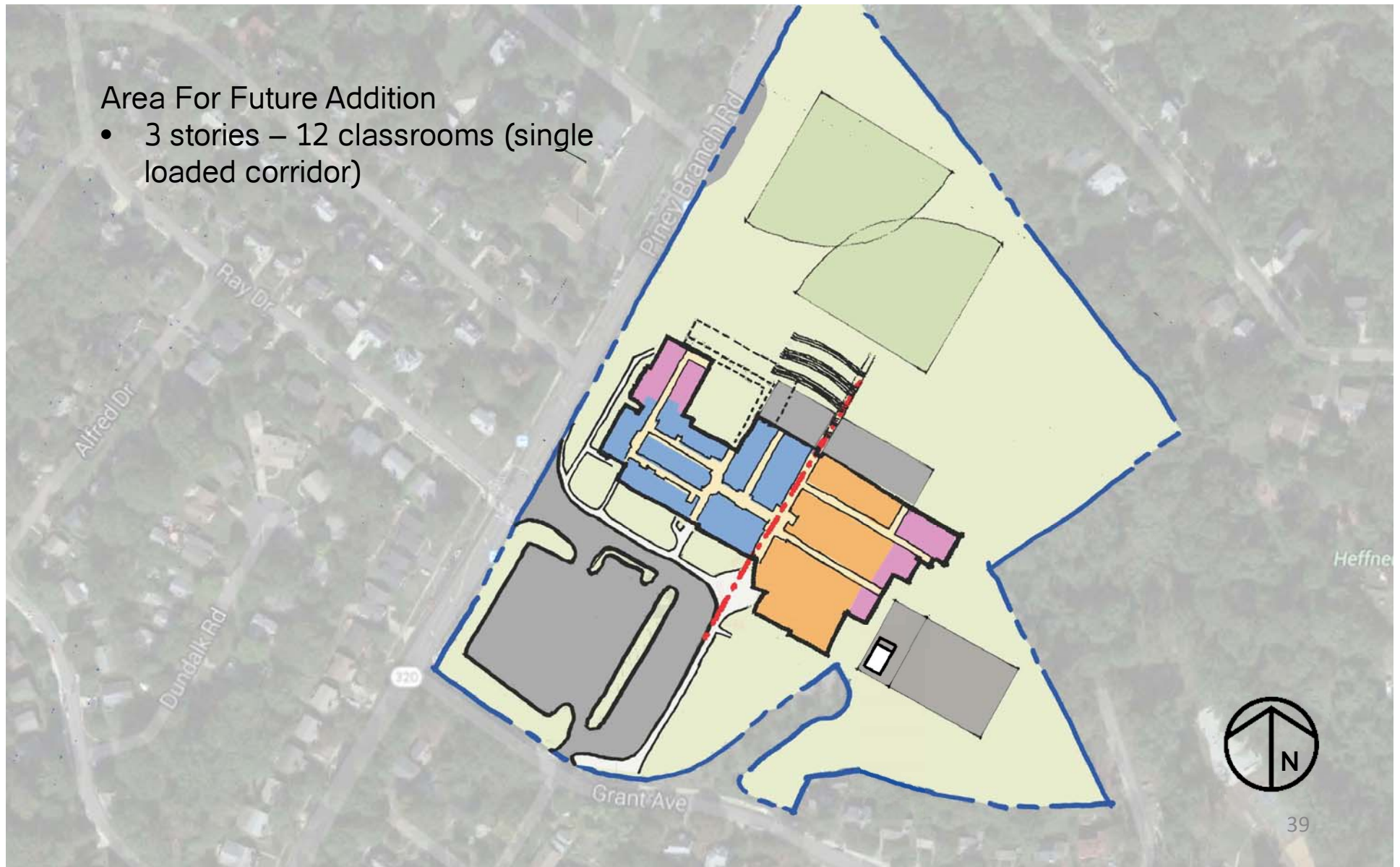
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CONCEPT 1

Future Expansion

Area For Future Addition

- 3 stories – 12 classrooms (single loaded corridor)





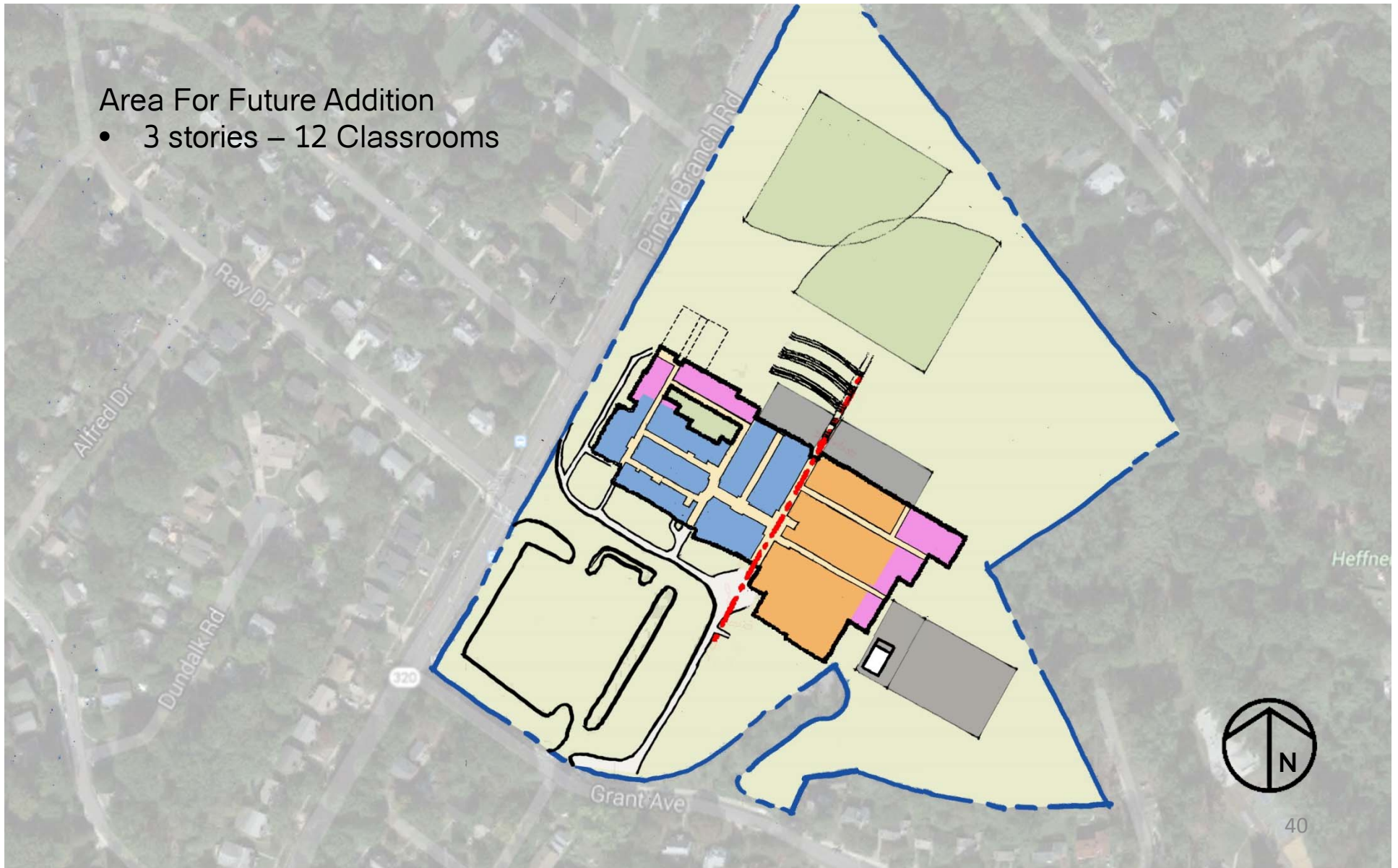
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CONCEPT 2

Future Expansion

Area For Future Addition

- 3 stories – 12 Classrooms



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Concept 1 - Pros and Cons

Concept 1

Renovated Square Footage – 15,190 sf

Addition Square Footage – 27,500 sf

Efficiency Factor – 78.1 %

• Pros

- Efficient double loaded corridor
- Compact floor plan
- Minimal site impact
- Natural light in all spaces
- Views to exterior (vs. courtyard) in all spaces

• Cons

- Corridor dead ends into stair
- More demolition of existing classrooms (6 total)



PE/Music Addition

Academic Addition

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Concept 2 - Pros and Cons

Concept 2

Renovated Square Footage – 13,285 sf

Addition Square Footage – 30,808 sf

Efficiency Factor – 69.7 %

- **Pros**

- Loop corridor improves circulation
- Forms courtyard for outdoor teaching area
- Natural light in all spaces
- Less demolition of existing classrooms
(4 total)

- **Cons**

- Single loaded corridor is inefficient (cost)
- Forms courtyard requiring maintenance
- Some classrooms have courtyard views



PE/Music Addition

Academic Addition

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Project Schedule

Feasibility Study

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Questions / Comments

WE WELCOME AND
APPRECIATE YOUR FEEDBACK!

*This process is oriented around
the collaboration of all involved.
Please feel free to ask us
questions.*

