



Northbrook High School Additions and Renovations

PAT Meeting No. 04

Spring Branch Independent School District \\ Houston, Texas \\ May 21st, 2019



PAT Meeting #04 (3:00pm to 4:30pm)

- Project Overview
- Design Process
- Guiding Principles
- Priority Programming
- Schematic Layout Options
- PAT Review
- Next Steps
- Meeting Adjourned at 4:30pm



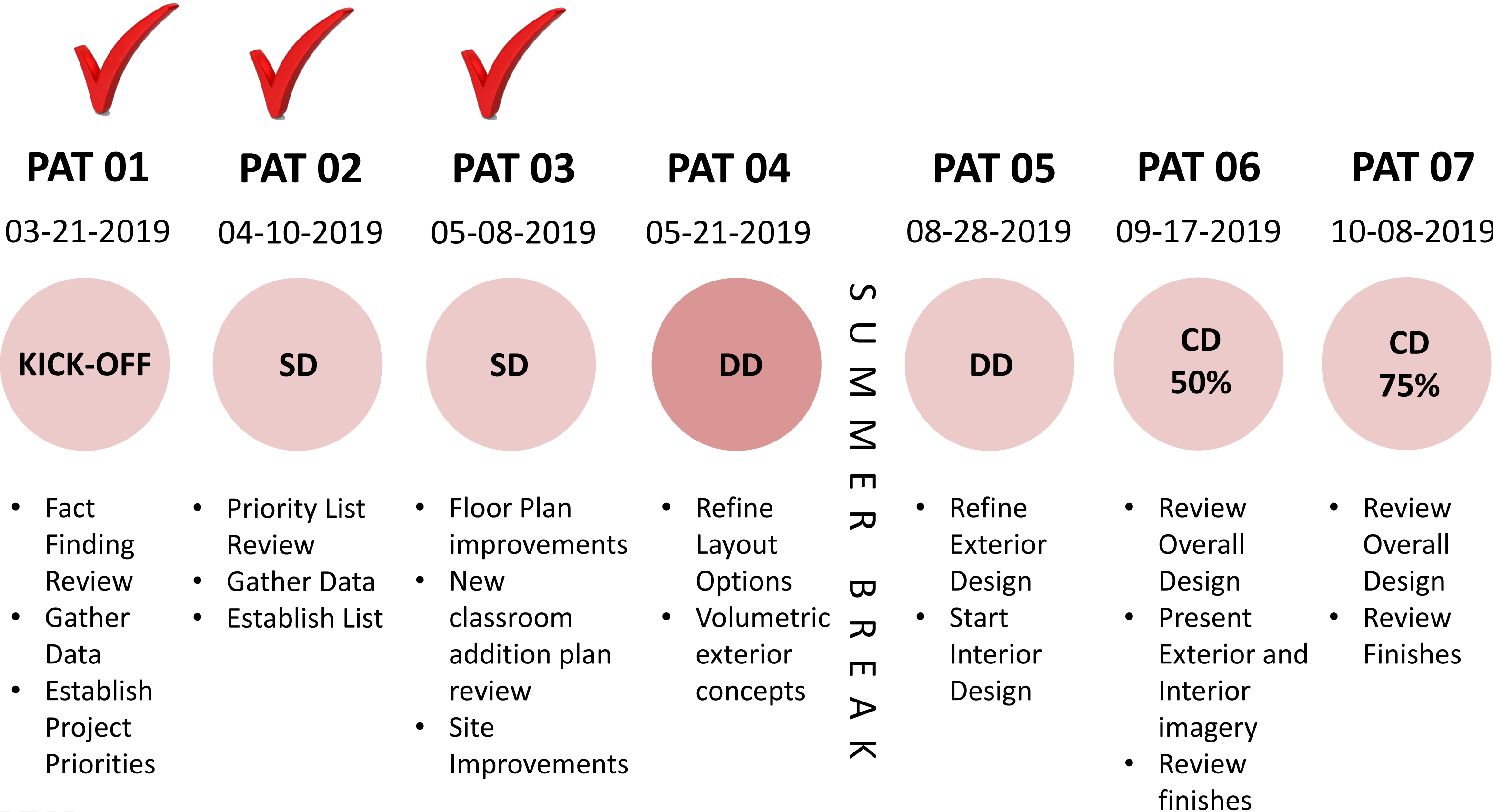
Goal

The goal of the PAT is to ensure that parents, staff and community members have the opportunity to take part in the planning and design of new schools. The PAT members will **serve as communicators** to and from the community during the schematic design and development phases of the project and participate in discussions that will lead to recommendations. The PAT concludes its work once construction begins.

Charge

Each Project Advisory Team's (PAT) members are charged with **providing input into planning and design development** for their school's new construction or major renovation project in the 2017 Bond Program. The PAT will meet as needed throughout the project, from initial planning, through design to the start of construction. Meeting agendas and minutes will be posted on the school's bond project website.

Project Overview



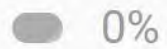
Do you agree with the priority list established?

0 1 1

Yes



No



What option is preferred for NHS?

0 1 1

A



B



C



D



Are we going in the right direction for the Northbrook High School Additions and Renovations Design after PAT #3?

0 1 1

Yes

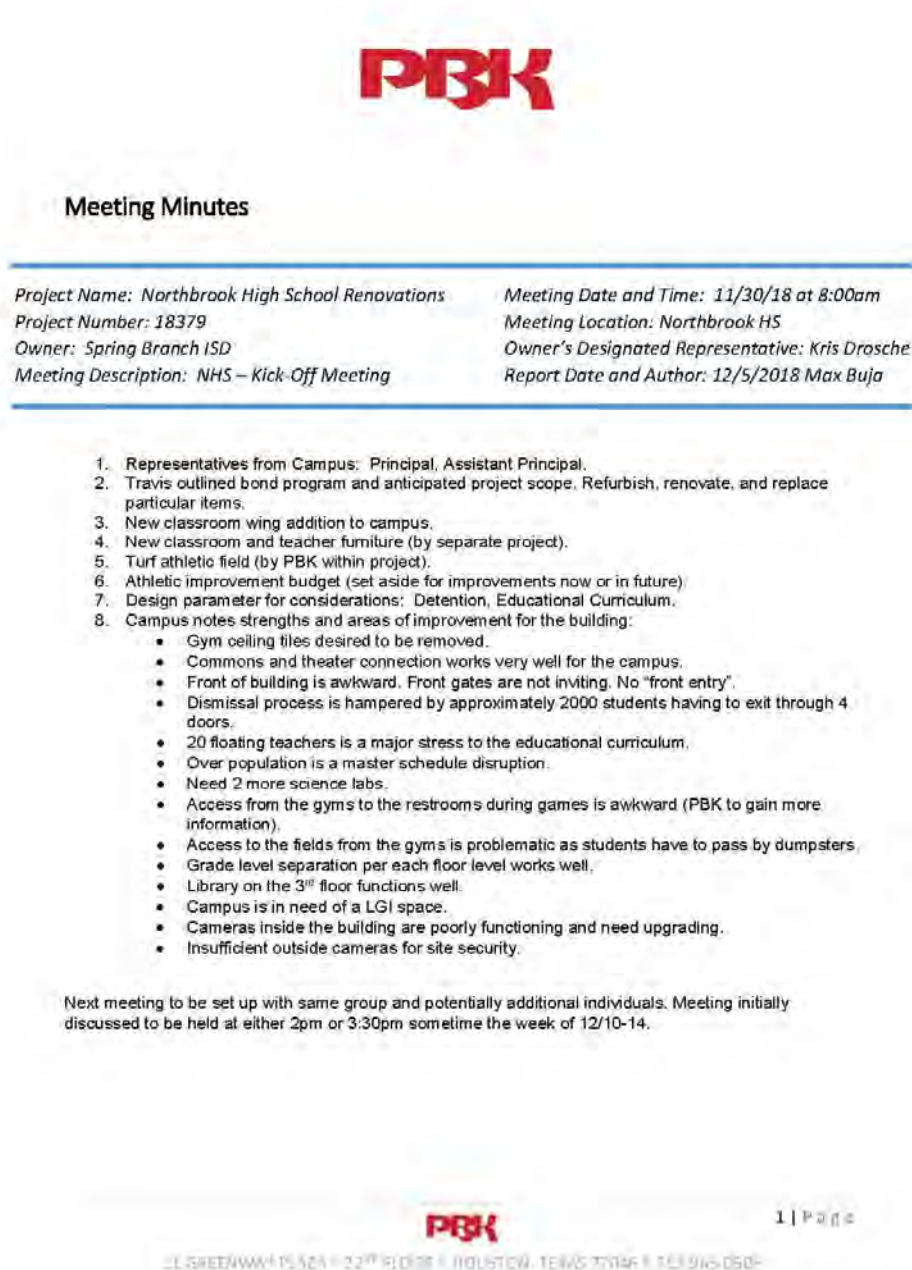


No



- **Classroom Addition**
- **Exterior/ Interior Upgrades:**
 - Security (i.e. upgrade fire alarms, controls)
 - Educational Specifications (lighting, upgrade flooring)
 - Mechanical/ HVAC (selected systems)
- **Site Improvements**
- **Roof Systems; replacement**
- **District-wide improvements:**
 - Furniture Upgrades
 - Technology (Student devices 9th to 12th)
 - Athletic Upgrades (as needed)
 - Synthetic Turf Practice Field

- 20 “floating” teachers, creates issues with master schedule
- Need more classrooms/ labs
- Access/ egress issues at student bus area
- Gym ceiling tiles preferred to be removed
- Security cameras issues ext/ int
- Lack of clear main entry



- 20 floating teachers. Need more classrooms and labs.
- Need teacher workroom/ space sharing
- LGI/ Testing area needed
- Issues with reception areas
- No clear entry to building
- Upgrade and expansion of CTE area. Provide more shops.
- Issues with 3rd gym & dance area
- Review and adapt school for today's curriculum and for the future



Meeting Minutes

Project Name: Northbrook High School Renovations
Project Number: 18379
Owner: Spring Branch ISD
Meeting Description: NHS –Principal Meeting

Meeting Date and Time: 01/14/19 at 3:00pm
Meeting Location: Northbrook HS
Owner's Designated Representative: Kris Drosche
Report Date and Author: 01/22/2019 Max Buja



1. Representatives from Campus: Principal, Assistant Principal and staff members.
2. Main-P, AP, 2 secretaries, receptionist is duplicated at entry
3. Five (5) on 1st floor
4. Two (2) on 2nd floor
5. Two (2) on 3rd floor
6. Yes offices can be relocated.
7. Campus not secure – visitors passing next to classrooms to get to offices.
8. No clear entry for the building.
9. Central stair case to access upper offices is a consideration.

Fine Arts / Performing Arts:
10. Separate areas for each department.

11. Floating teachers
12. Affects all departments.
13. Space sharing major concern.
14. Auditorium becomes swing space.
15. "Dance room is small – ½ the size needed.
16. Science labs maxed out.
17. "Ideally add two science rooms.
18. IPC (Integrated Physics and Chemistry)
19. Three (3) floating science teachers.
20. Twenty (20) total floating teachers. Need teacher workroom.
21. Ten (10) classrooms would make the scheduling more normal.
22. Teacher Restroom
23. Access through gate/vestibule. Separate from visitors.
24. Woodworking has no dust vacuum system. Need new furniture.
25. Automotive and Metal shop not on campus.
26. Would like to provide CTE classes on campus:
27. -Plumbing
28. -Welding
29. -Framing
30. -Automotive
31. Training room was an old metal shop.
32. Business classes are in home economics space.
33. Guthrie Center pulls ~ 120 students from the campus three times a day.



1 | Page

is.
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20 students in library and gym.

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Northbrook High School Additions and Renovations

Rating of Fact-Finding Items

On behalf of the entire PBK Team, we thank you for this opportunity!

"Limitless Curiosity. T-2-4 Success For Every Child. Raider Nation. Better together. We're Inspiring minds."- NHS



Northbrook High School Additions and Renovations

Rating of the Fact-Finding Items

- Academic Areas
- ☒ Address 20 "floating" teachers, it affects all departments
 - ☒ Add new classrooms
 - ☒ Add new Science labs
 - ☒ Need teacher workroom
 - ☒ Keep departmental organization (math, science, etc)
 - ☒ Need a testing/LGI (Large Group Instructional) area
 - ☒ Debate practice rooms needed
 - ☒ Upgrade Life Skills area

- Security/Administration
- ☒ Consolidate secure entry vestibules
 - ☒ Security concerns of parents walking through main reception
 - ☒ Repurpose front reception fixed cubicle area
 - ☒ 2 admin offices in each level is preferred
 - ☒ Upgrade exterior and interior security cameras
 - ☒ Add more security cameras

- Entry/Dismissal
- ☒ Clear and defined main entry point
 - ☒ Provide better egress at back bus entry area at dismissal time

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Additional Comments

Re-Configure Auditorium

Additional Comments

Additional restrooms in non academic areas. Privacy issue

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 - ☒ Security concerns of parents walking through hallways to get to main reception
 - ☒ Repurpose front reception fixed cubicle area
 - ☒ 2 admin offices in each level is preferred
 - ☒ Upgrade exterior and interior security cameras
 - ☒ Add more security cameras

- Entry/Dismissal
- ☒ Clear and defined main entry point
 - ☒ Provide better egress at back bus entry area for better flow at dismissal time

- Athletic
- ☒ Gym ceiling tile to be removed
 - ☒ Locker area update
 - ☒ Dance area is small
 - ☒ Address issues with 3rd gym

- CTE
- ☒ Upgrade of CTE shops
 - ☒ Provide additional CTE campus:
 - Plumbing
 - Welding
 - Framing/ Construction
 - Auto

- Campus Life
- ☒ Upgrade campus so that it reflects today's and tomorrow's innovative learning environments
 - ☒ Provide a personal care area near the back/bus entry

Priority Legend

On the left of each Fact-Finding statement, please rate from A to B (A being the highest priority and C being the lowest priority)

- A = High Priority
- B = Medium Priority
- C = Low Priority

- SOUND PROOFING
- ELEVATORS (SCARY)
- EXTENDED LIGHTING
- ELEVATOR/DATA UPGRADES
- WATER MAINS
- SURFACES RENOVATION
- FEELS DARK
- DAYLIGHT
- SCHOOL SPIRIT
- CONCESSION AREA

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Northbrook High School Additions and Renovations Rating of Priority Programming

like this!

Additional Comments

Priority A

- ☒ Add new classrooms
- ☐ Consolidate security vestibules
- ☐ Upgrade exterior/interior cameras
- ☐ Clear and defined main entry
- ☐ Upgrade CTE shops
- ☐ Upgrade campus academic environment
- ☐ Upgrade restrooms (student/faculty)

(A) power ability for student

Priority B

- ☐ Need testing/LGI area
- ☐ Remove gym ceiling tile
- ☐ New science labs
- ☐ New teacher workroom
- ☐ Upgrade life skills
- ☐ Admin office per level
- ☐ Provide better egress at back entry
- ☐ Provide personal care area

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Northbrook High School Additions and Renovations Rating of Priority Programming

Additional Comments

1. 1st PERFECT world -

Priority A

- ☒ Add new classrooms
- ☒ Consolidate security vestibules
- ☒ Upgrade exterior/interior cameras
- ☒ Clear and defined main entry
- ☒ Upgrade CTE shops
- ☒ Upgrade campus academic environment
- ☒ Upgrade restrooms (student/faculty) - More stalls

Priority B

- ☒ Need testing/LGI area
- ☒ Remove gym ceiling tile
- ☒ New science labs
- ☒ New teacher workroom
- ☒ Upgrade life skills
- ☒ Admin office per level
- ☒ Provide better egress at back entry
- ☒ Provide personal care area

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Additional Comments

Priority A

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- ☐ Consolidate security vestibules
- ☐ Upgrade exterior/interior cameras
- ☐ Clear and defined main entry
- ☐ Upgrade CTE shops
- ☒ Upgrade campus academic environment
- ☐ Upgrade restrooms (student/faculty)

wifi upgrades - Capacity
Electrical output for e

Priority B

- ☒ Need testing/LGI area
- ☐ Remove gym ceiling tile
- ☐ New science labs
- ☐ New teacher workroom
- ☒ Upgrade life skills
- ☐ Admin office per level
- ☐ Provide better egress at back entry
- ☐ Provide personal care area

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Northbrook High School Additions and Renovations Rating of Priority Programming

Additional Comments

Priority A

- ☒ Add new classrooms
- ☒ Consolidate security vestibules
- ☒ Upgrade exterior/interior cameras
- ☒ Clear and defined main entry
- ☒ Upgrade CTE shops (not sure of current condition)
- ☒ Upgrade campus academic environment
- ☒ Upgrade restrooms (student privacy/faculty)

Priority B

- ☒ Need testing/LGI area
- ☒ Remove gym ceiling tile
- ☒ New science labs (not sure of current condition)
- ☒ New teacher workroom
- ☒ Upgrade life skills
- ☒ Admin office per level
- ☒ Provide better egress at back entry (flow)
- ☒ Provide personal care area

Priority C

- ☐ Provide additional CTE (not sure)
- ☐ Upgrade locker area (not sure)
- ☒ Exterior lighting (safety reasons)
- ☒ New concession area
- ☒ Upgrade elevators
- ☒ Dance area too small
- ☒ Debate practice rooms
- ☒ Fine arts storage

Priority Legend

On the left of each Fact-Finding statement, please rate from A to B (A being the highest priority and C being the lowest priority)
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C = Low Priority

- B/C • Tinting on gym windows/common windows
- C • More flexible LGI
- B • More effective egress for trainers
- A/B • Breze way by gyms needs to be reutilized
- A/B • additional power/wifi to fit 1 to 1
- B • Change "Depressing" perspective
- A • Ability to lock doors inside/outside (performing arts rooms/gyms)
- A • Parking lot security
- A/B • Security for concessions stand
- ? • Ticket booth needs to be moved to resolve safety/parking issue
- ? • Increase stands size for athletic
- C • Improvements to auditorium! (smiley face)
- equipment/wheelchair ramp (safety)

Priority A

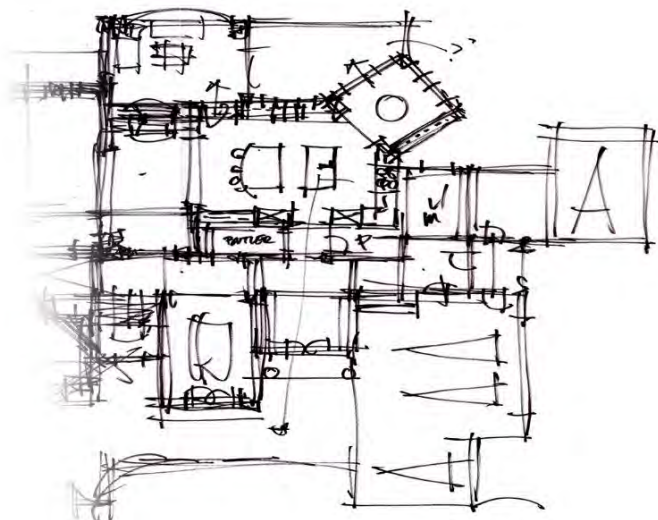
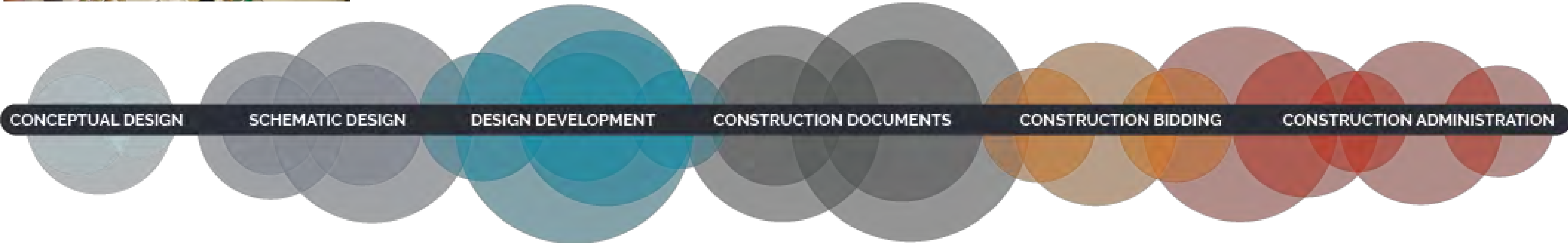
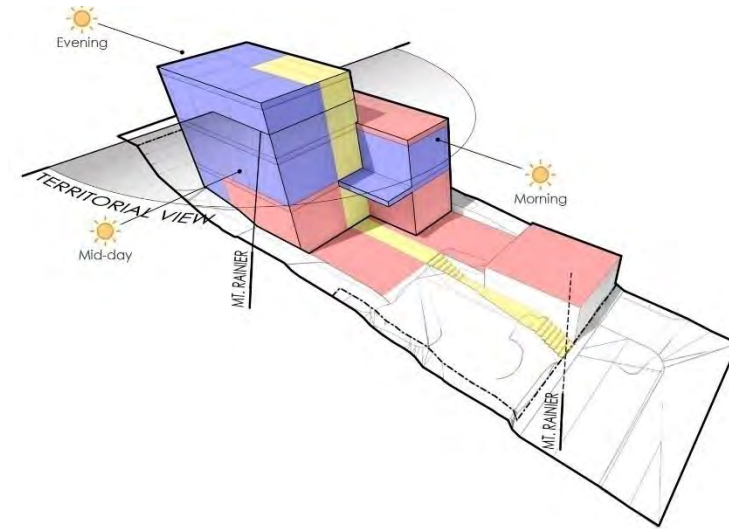
1. Add New Classrooms/
Science Labs
2. Upgrade Exterior/
Interior Cameras
3. Provide better egress at
back entry (flow)
4. Remove Clg tile and tint
windows in Gym
5. Address “Athletic Alley”
6. Upgrade Restrooms
7. Clear and Defined Main
Entry Point
8. Upgrade CTE Shops
9. Exterior Lighting (if
possible)
10. Upgrade Campus
Academic Environment

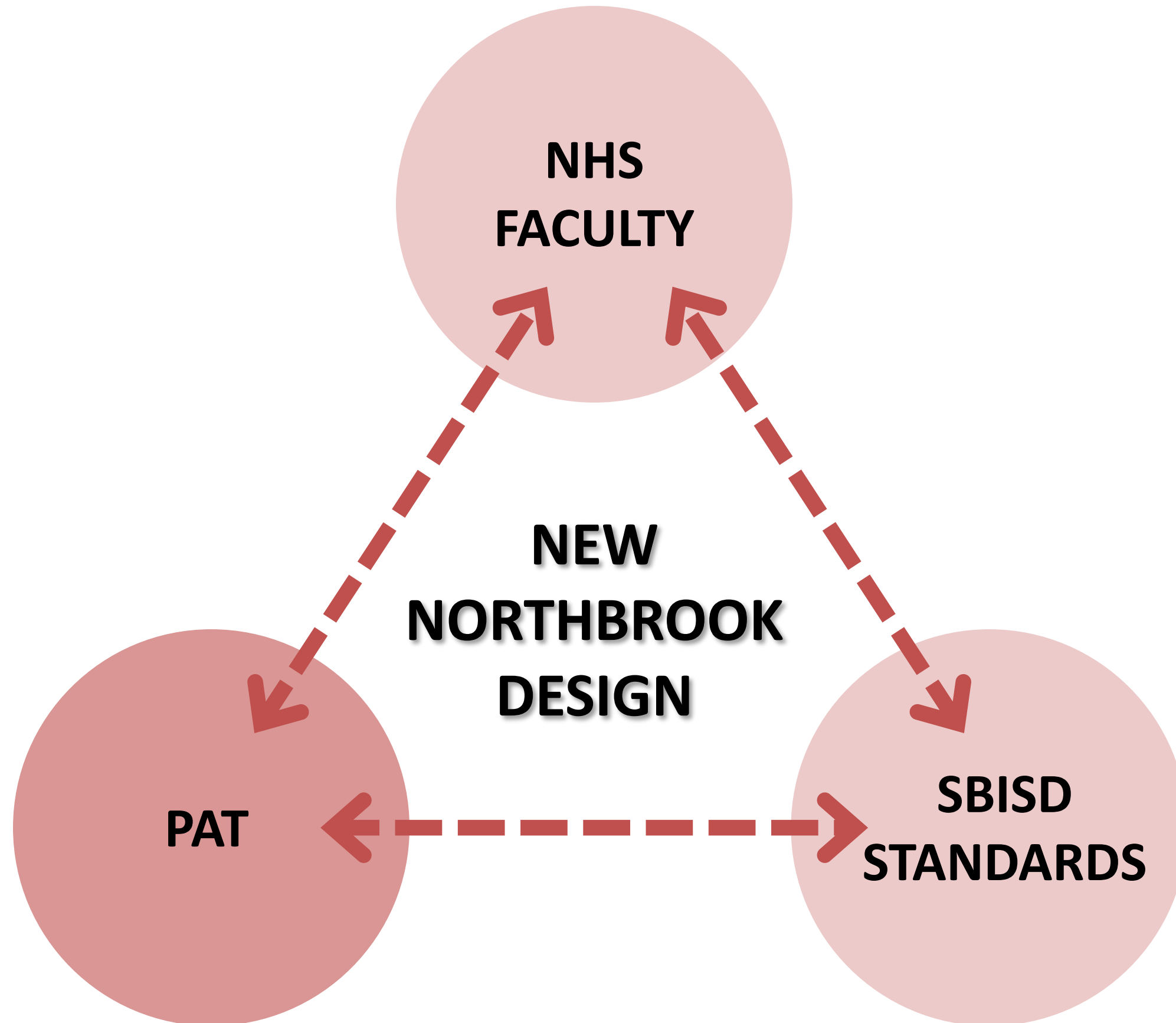
Priority B

- New Teacher
workroom
- Upgrade Life Skills
- Admin Offices per
Level
- Provide Personal
Care Area
- Upgrade Elevators
- Address “Athletic
Alley”
- Athletic Fields
- Training Carts
path
- Hot water issues
- Need Testing/
LGI area

Priority C

- Upgrade Locker Area
- New Concession area
- Dance area small
- Debate Practice rooms
- Fine Arts Storage
- Renovate existing LGI
with efficient furniture





Guiding Principles

Northbrook High School Additions and Renovations

Northbrook HS One Word “Word Cloud”



Friendly Underrepresented Supportive Friendly Our Students Heart Underrepresented Structured Underrepresented Our Students Heart Our Students Heart Underrepresented



A Structured Environment for Academic Success

Through orderly structure and clear expectations, the campus forms a path for all students academic achievements.

Fostering Engagement with Support and Heart

Uphold and enhance the supportive and nurturing relationships between students, teachers and the community.

A Place for Everyone

Create an environment that celebrates everyone, fosters opportunities to all.

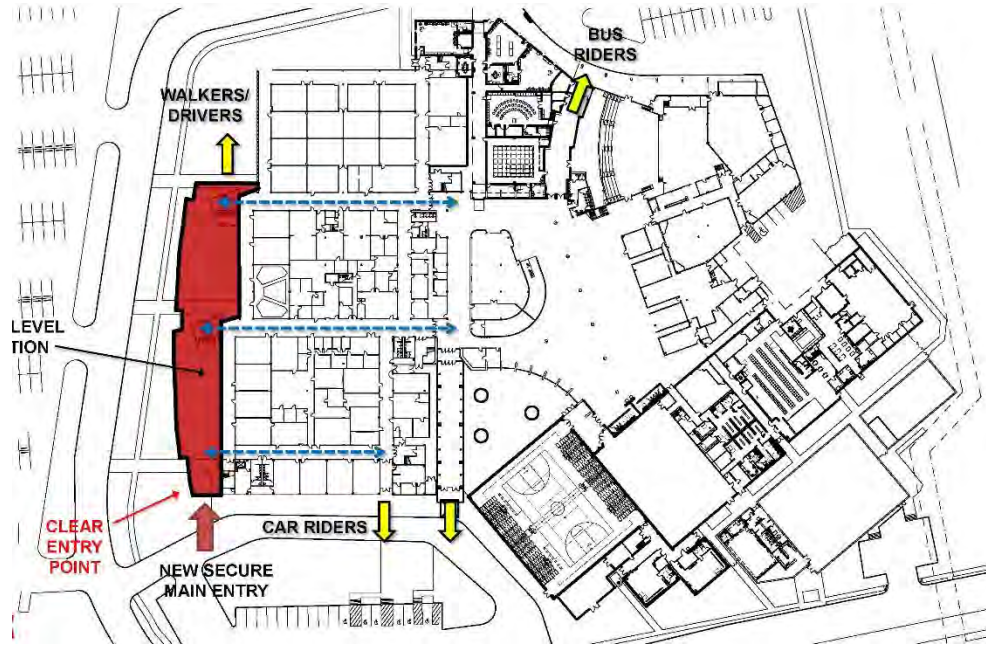
Safety Fosters Success

A secure campus that fosters an environment where students, teachers and staff can succeed.

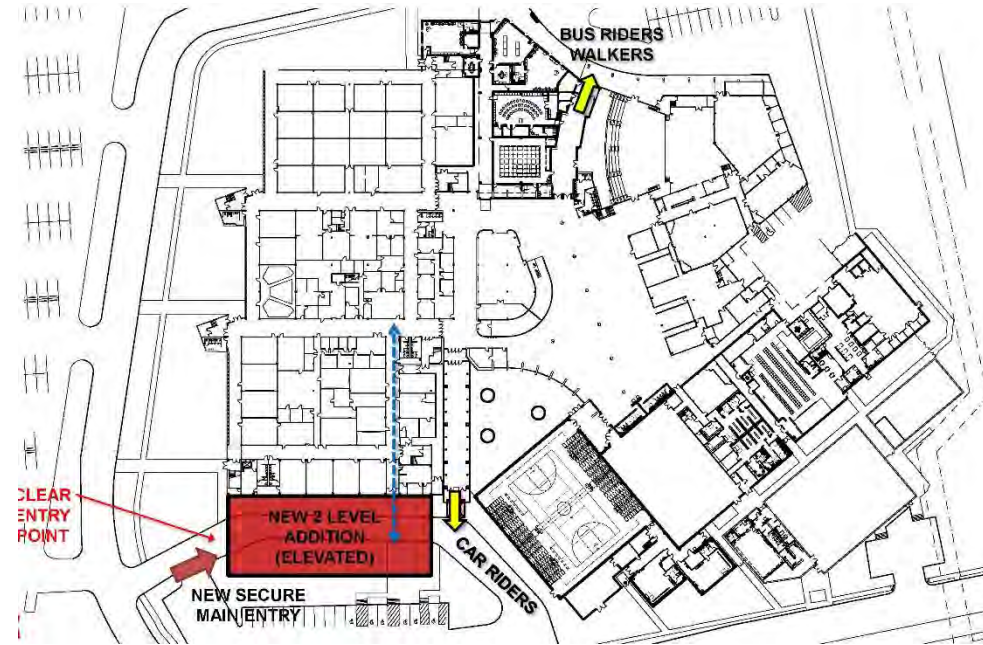
A Culture of Leadership and Support

Maintain the strong ties of the campus with the Community to provide a “home” for all its Students and all of their needs.

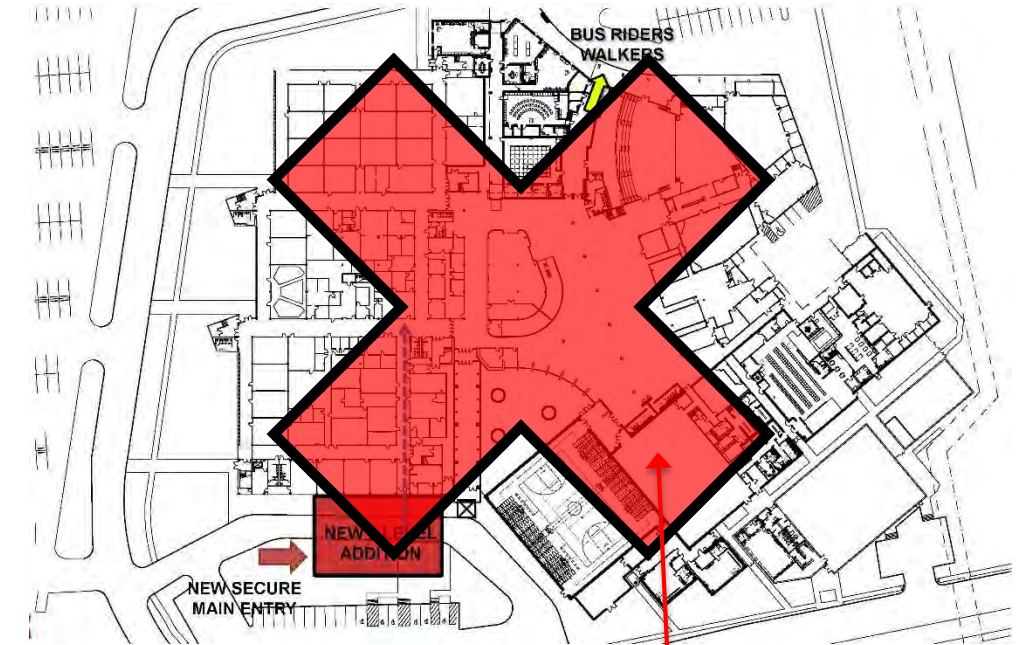
Schematic Layout & Massing Options



Option "A"

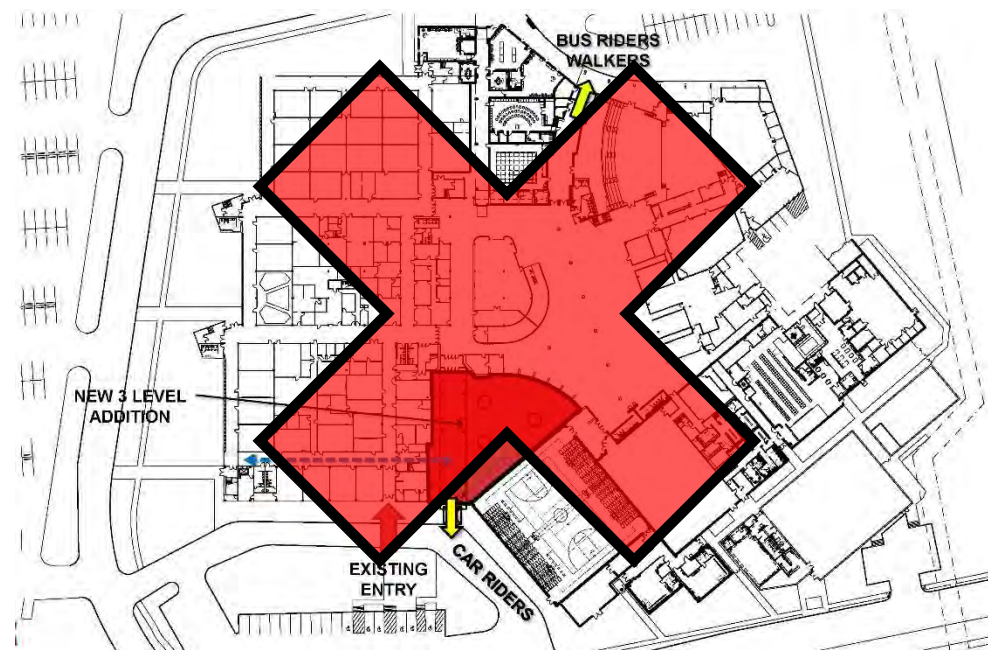


Option "B"

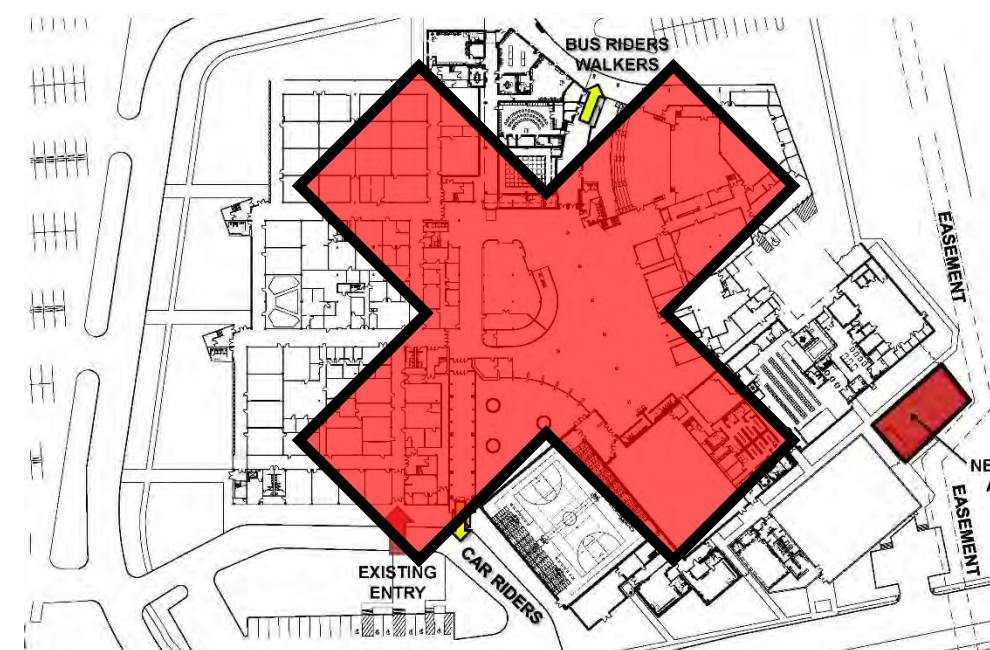


Option "C"

New Option by
combining
Opt A and Opt B



Option "D"

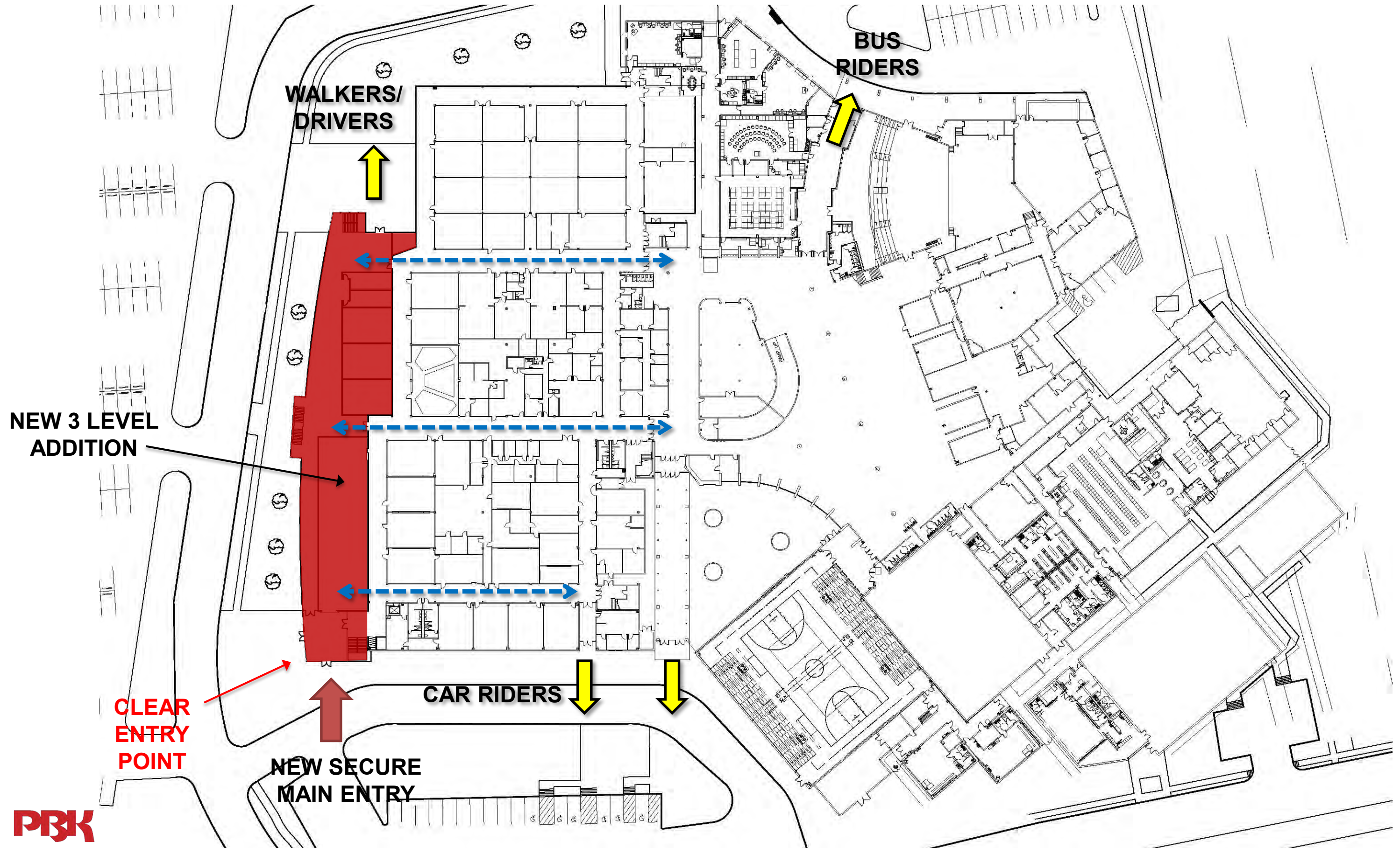


Option "E"

Option “A”

Northbrook High School Additions and Renovations

New Addition Option "A"



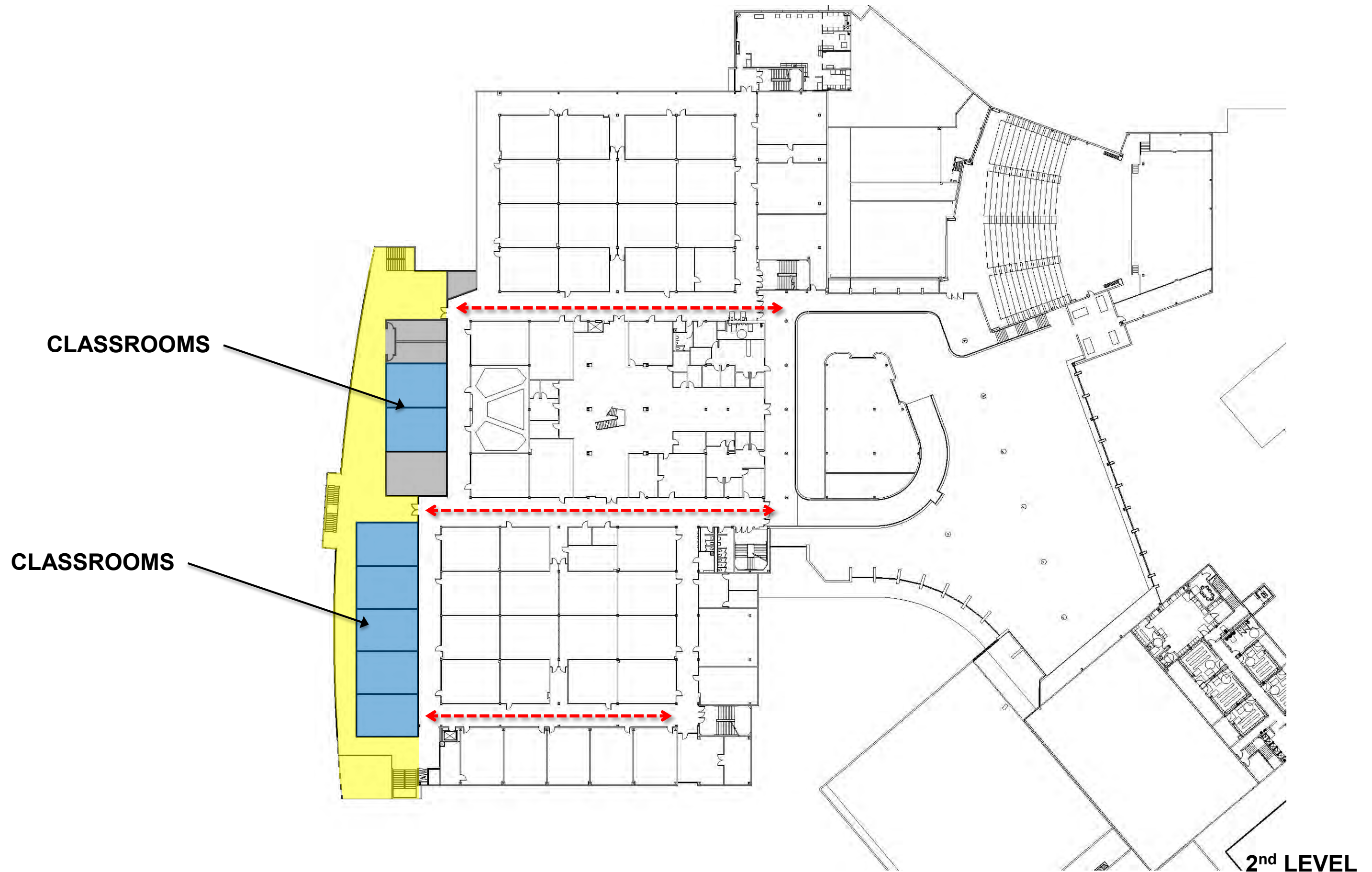
Northbrook High School Additions and Renovations

New Addition Option "A" – 1st Level



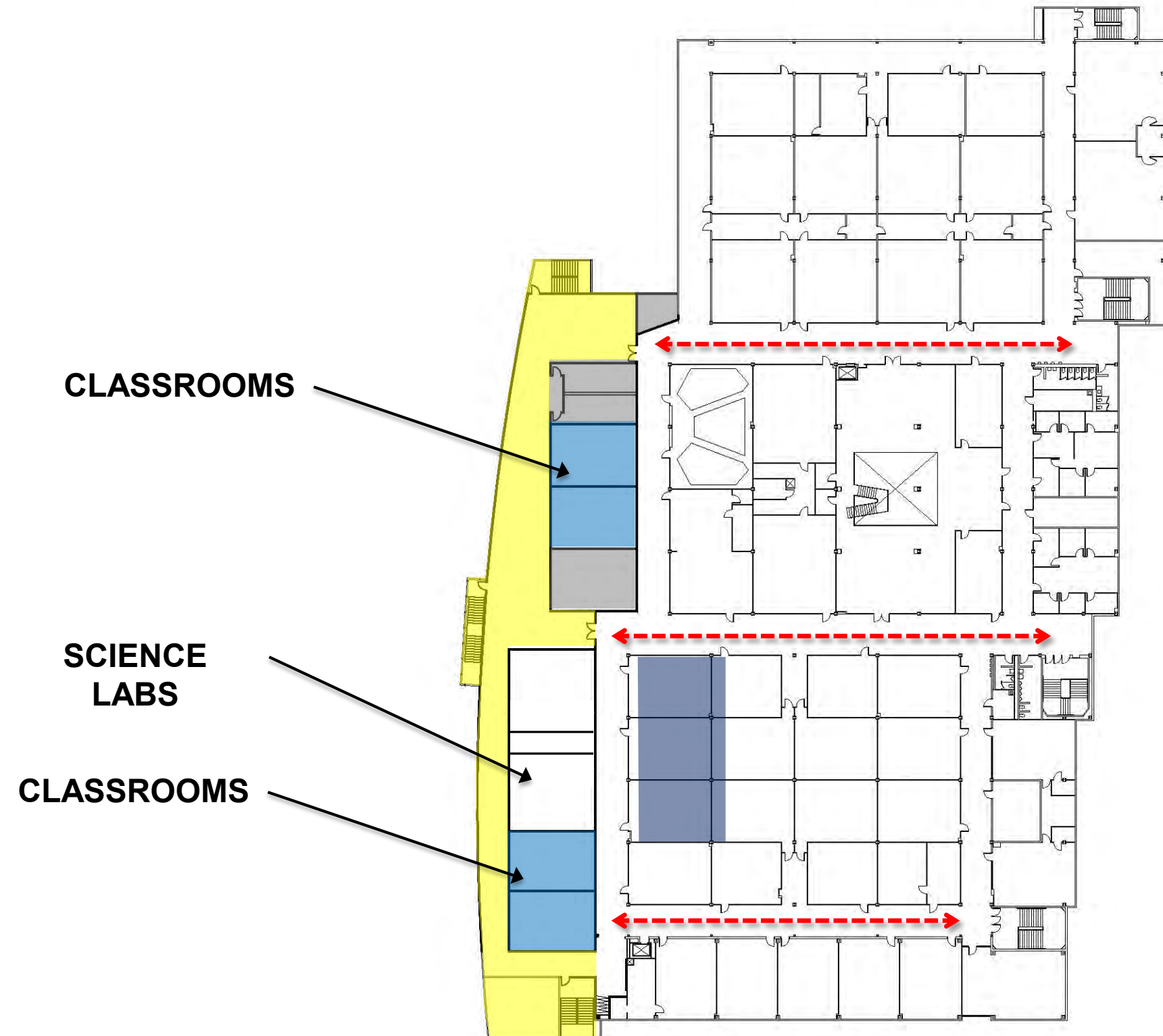
Northbrook High School Additions and Renovations

New Addition Option “A” – 2nd Level



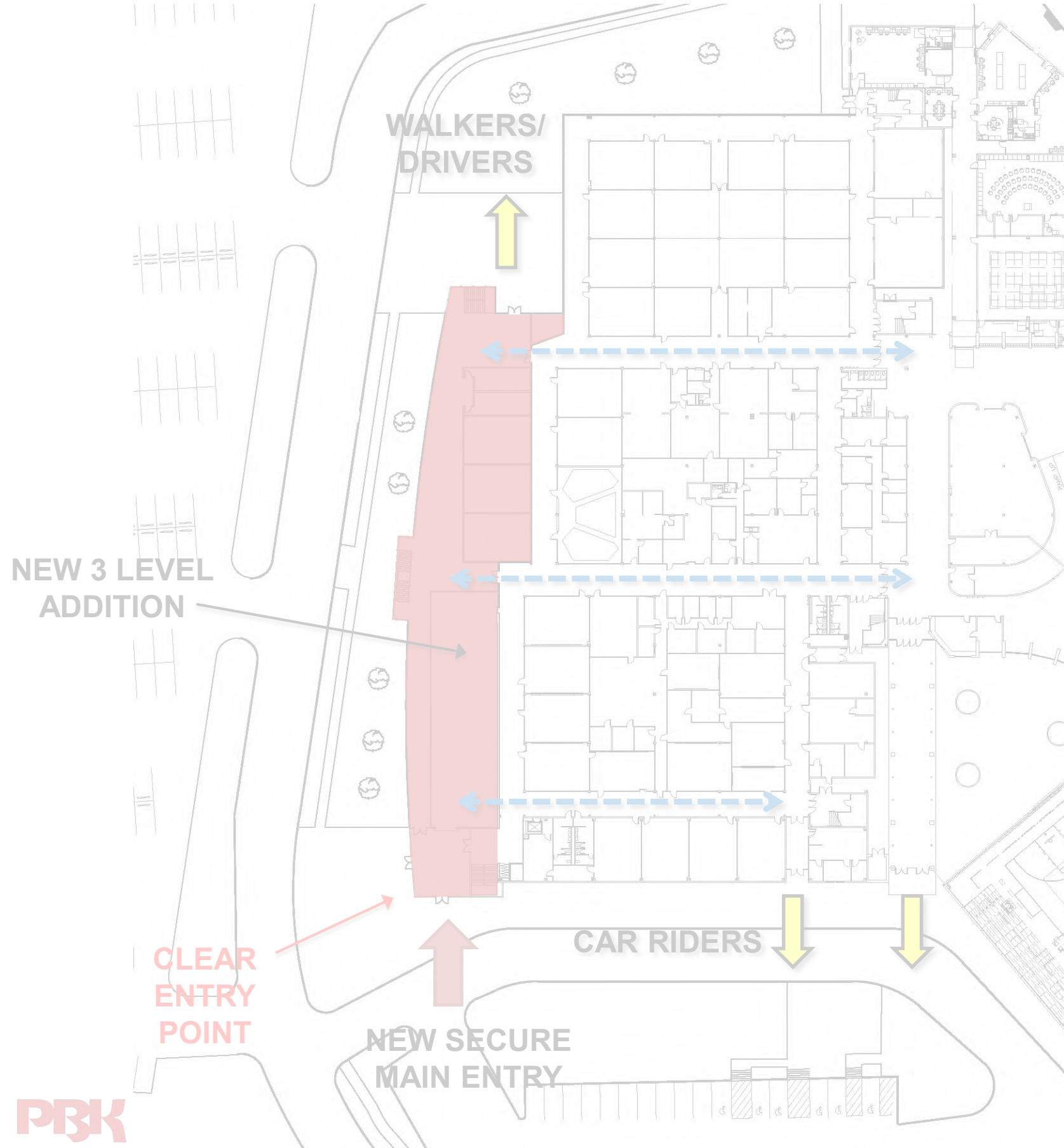
Northbrook High School Additions and Renovations

New Addition Option “A” – 3rd Level



Northbrook High School Additions and Renovations

New Addition Option “A”



PROS:

- New Classrooms adjacent to existing classrooms
- Multiple hallway connection
- Relocation of main entry and main admin to prominent corner
- Opportunity to provide new restrooms and new stairs
- New addition provides “new face” for the school
- Possibly separate bus riders from walkers

CONS:

- Addition disrupts existing drainage, need to relocate
- Addition faces West, need to provide shading

Northbrook High School Additions and Renovations

New Addition Option “A” – Conceptual Massing



AERIAL VIEW

Northbrook High School Additions and Renovations

New Addition Option “A” – Conceptual Massing



MAIN ENTRY VIEW

Northbrook High School Additions and Renovations

New Addition Option “A” – Conceptual Massing



MAIN ENTRY VIEW

Northbrook High School Additions and Renovations

New Addition Option “A” – Conceptual Massing



MAIN FACADE VIEW

Northbrook High School Additions and Renovations

New Addition Option “A” – Conceptual Massing

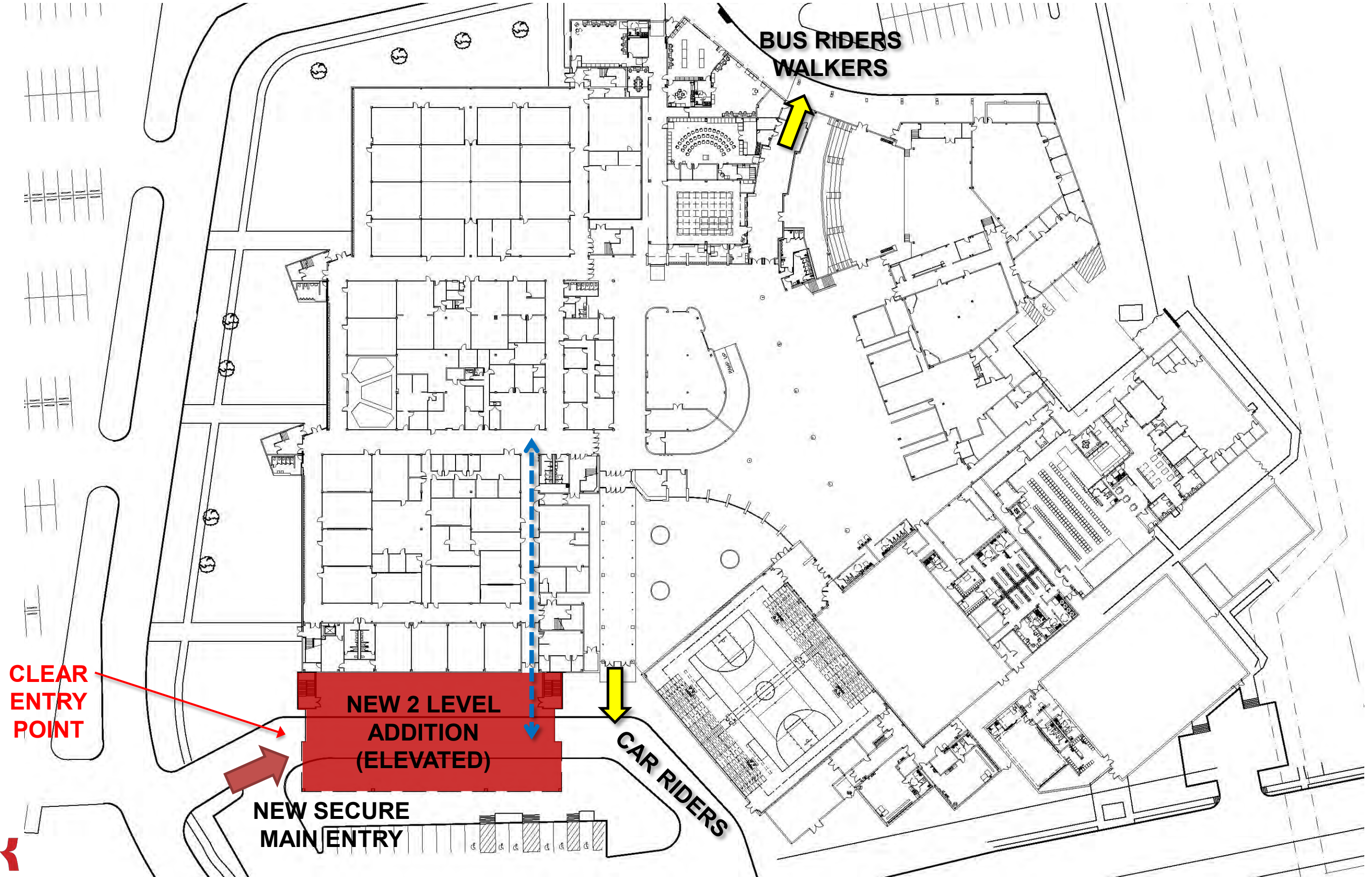


MAIN FACADE VIEW

Option “B”

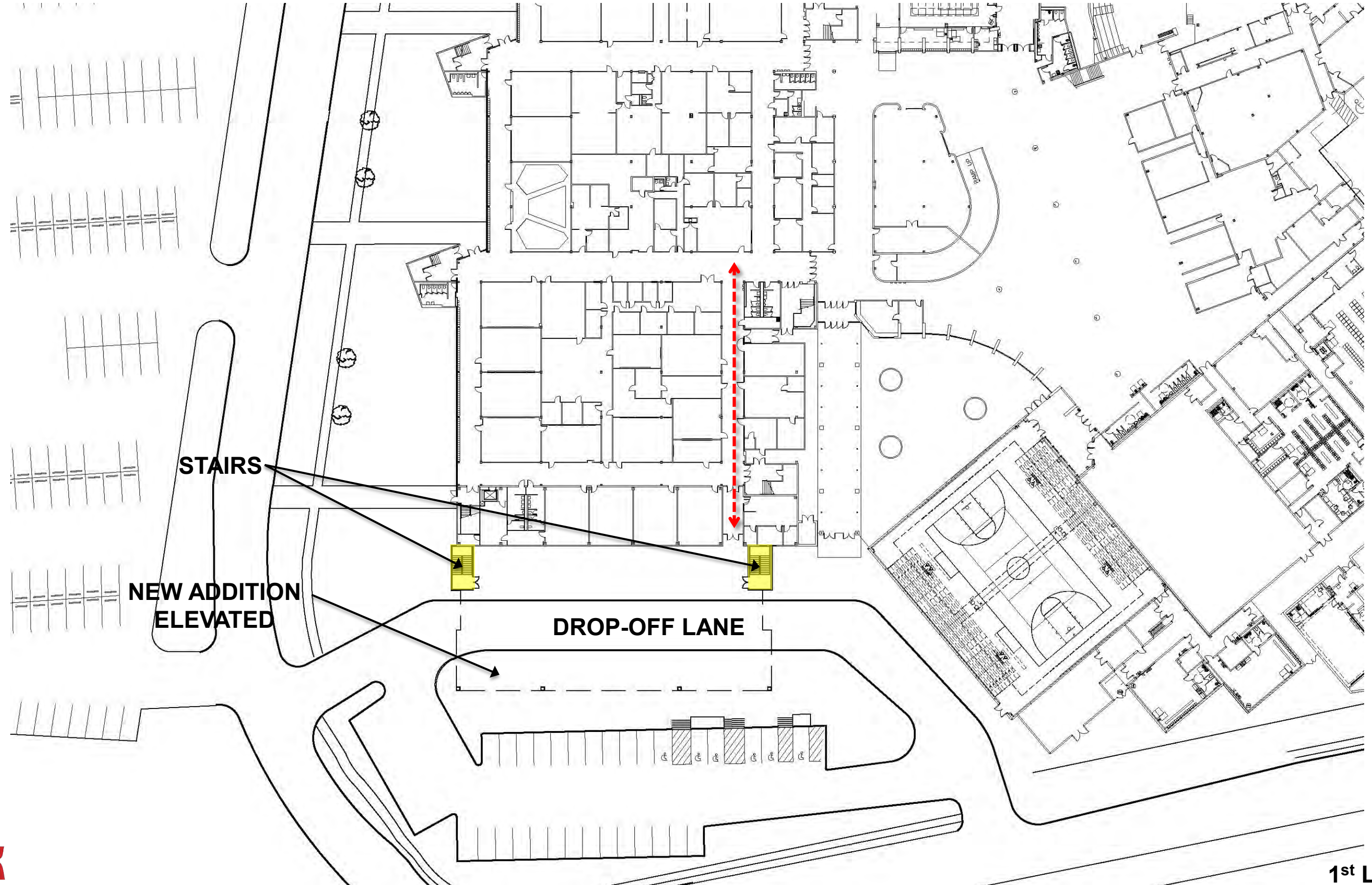
Northbrook High School Additions and Renovations

New Addition Option "B"



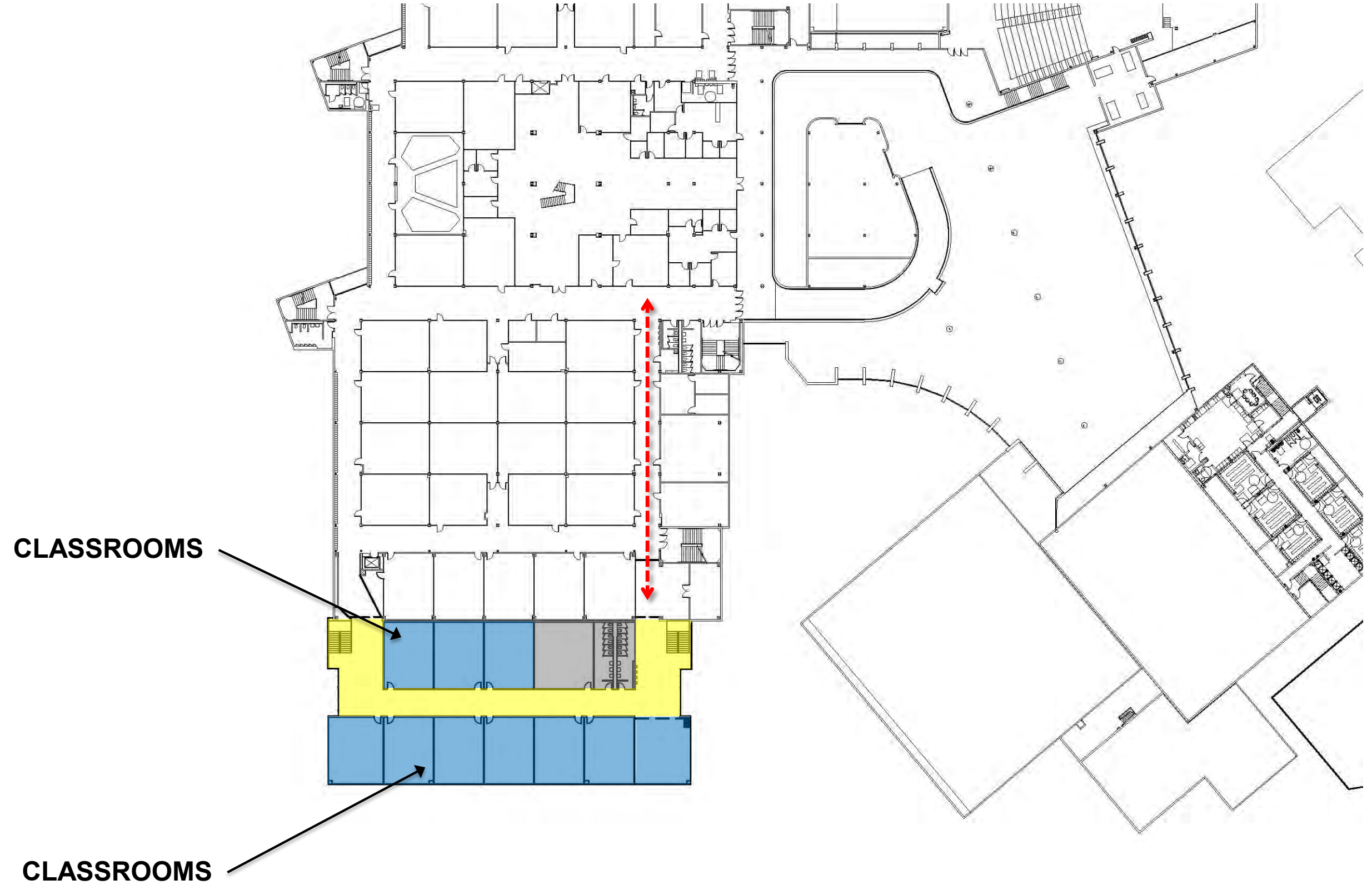
Northbrook High School Additions and Renovations

New Addition Option "B" – 1st Level



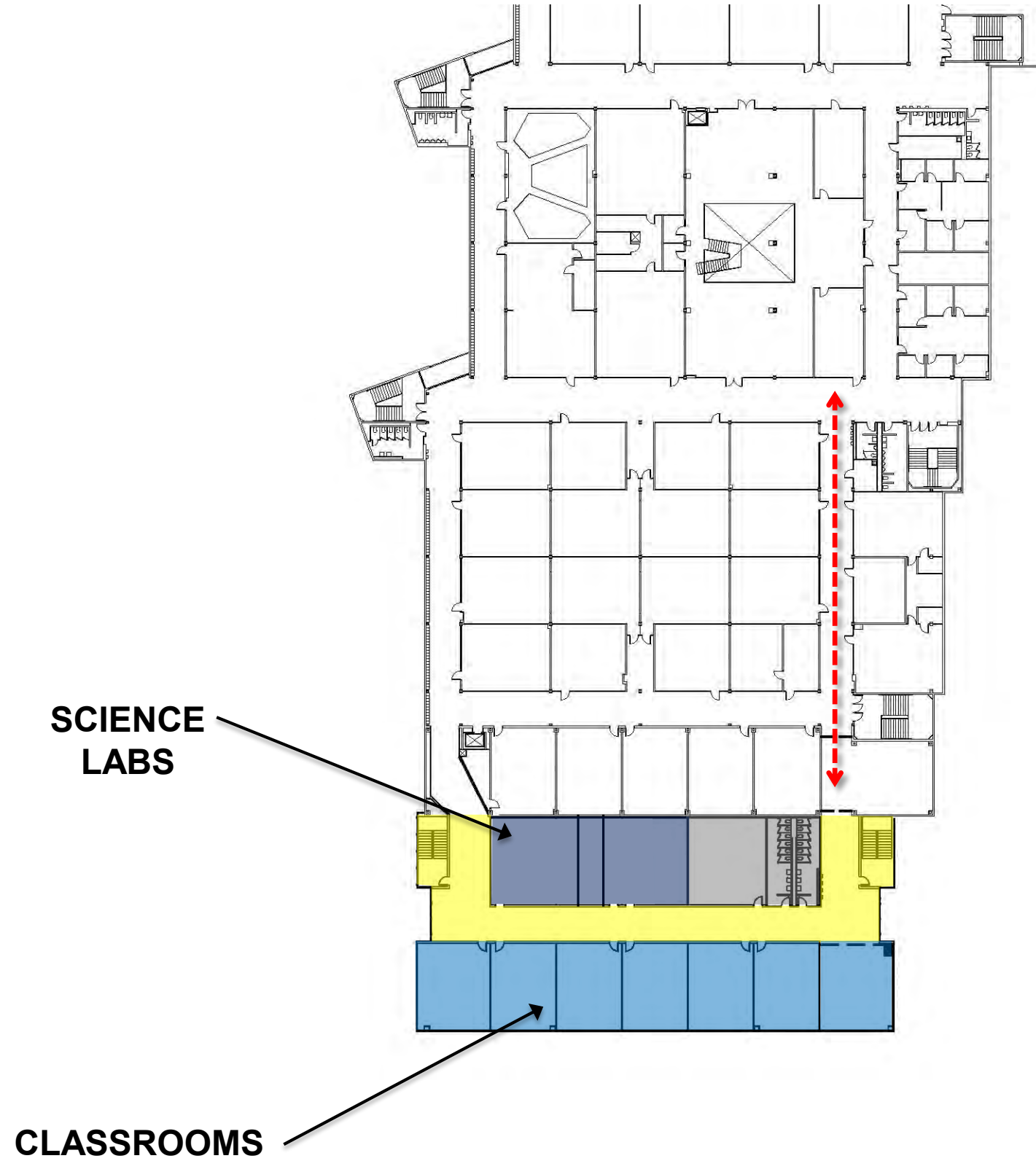
Northbrook High School Additions and Renovations

New Addition Option “B” – 2nd Level



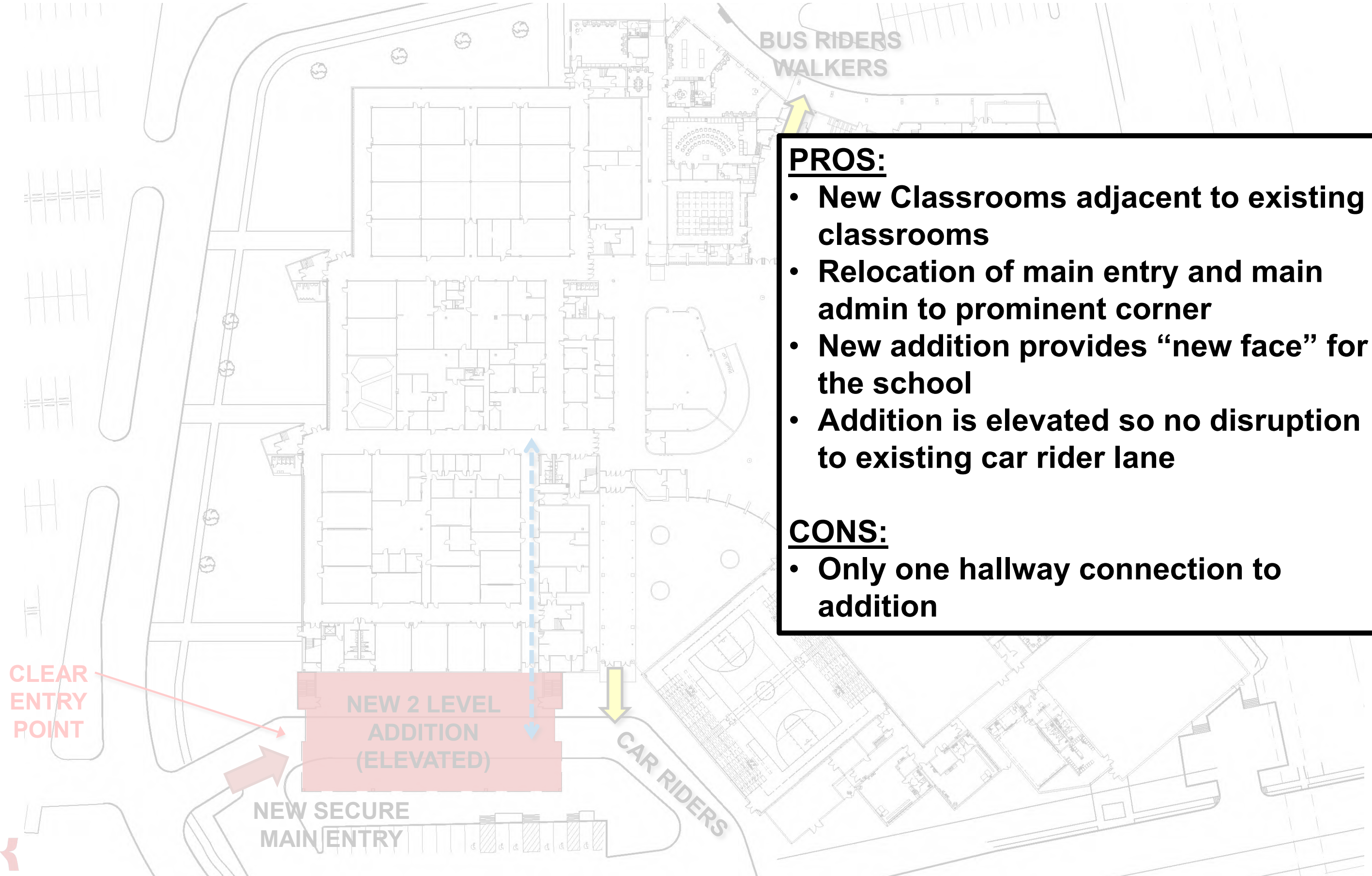
Northbrook High School Additions and Renovations

New Addition Option “B” – 3rd Level



Northbrook High School Additions and Renovations

New Addition Option “B”



Northbrook High School Additions and Renovations

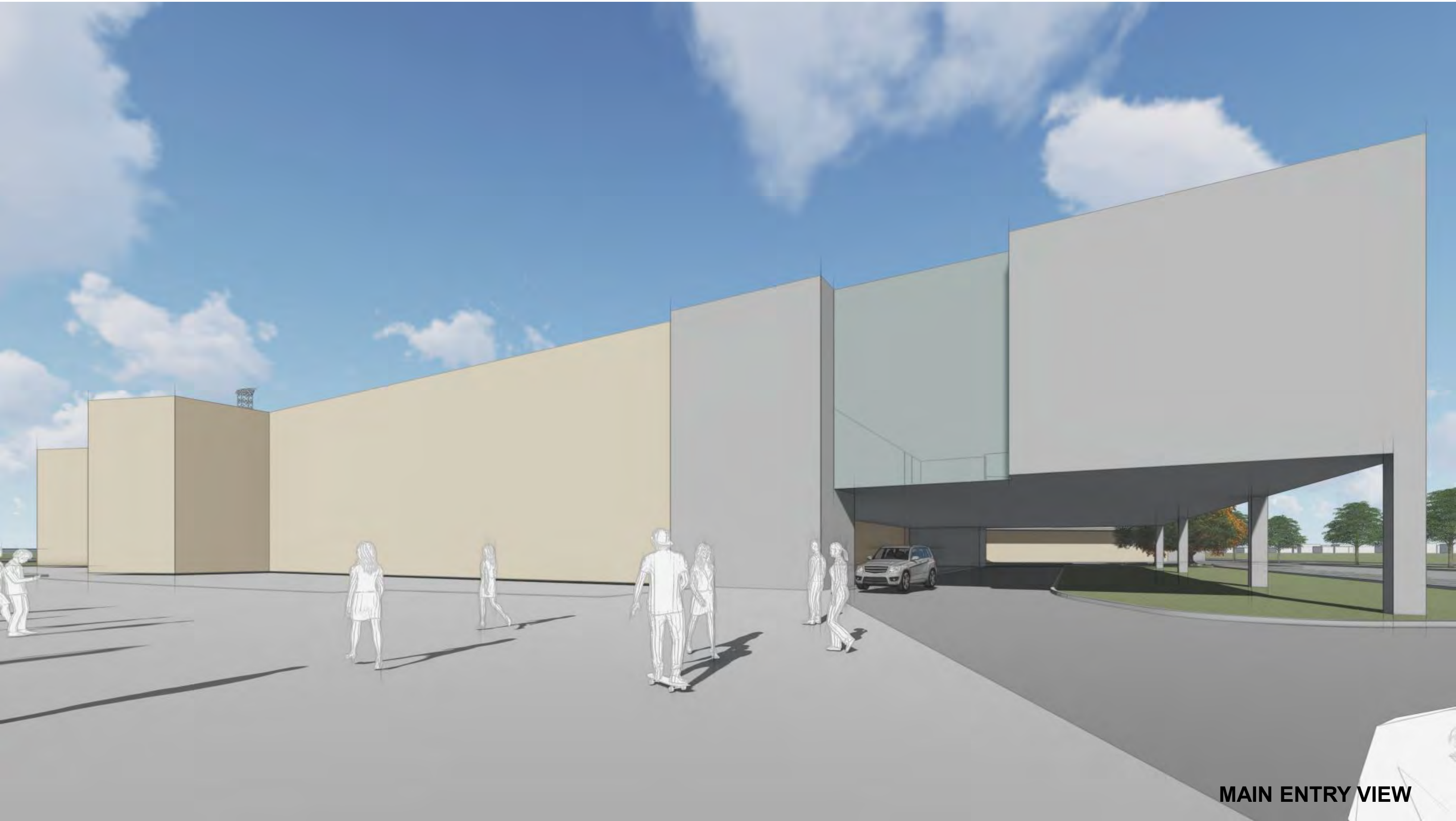
New Addition Option “B” – Conceptual Massing



AERIAL VIEW

Northbrook High School Additions and Renovations

New Addition Option “B” – Conceptual Massing



MAIN ENTRY VIEW

Northbrook High School Additions and Renovations

New Addition Option “B” – Conceptual Massing



MAIN ENTRY VIEW

Northbrook High School Additions and Renovations

New Addition Option “B” – Conceptual Massing



MAIN FACADE VIEW

Northbrook High School Additions and Renovations

New Addition Option “B” – Conceptual Massing

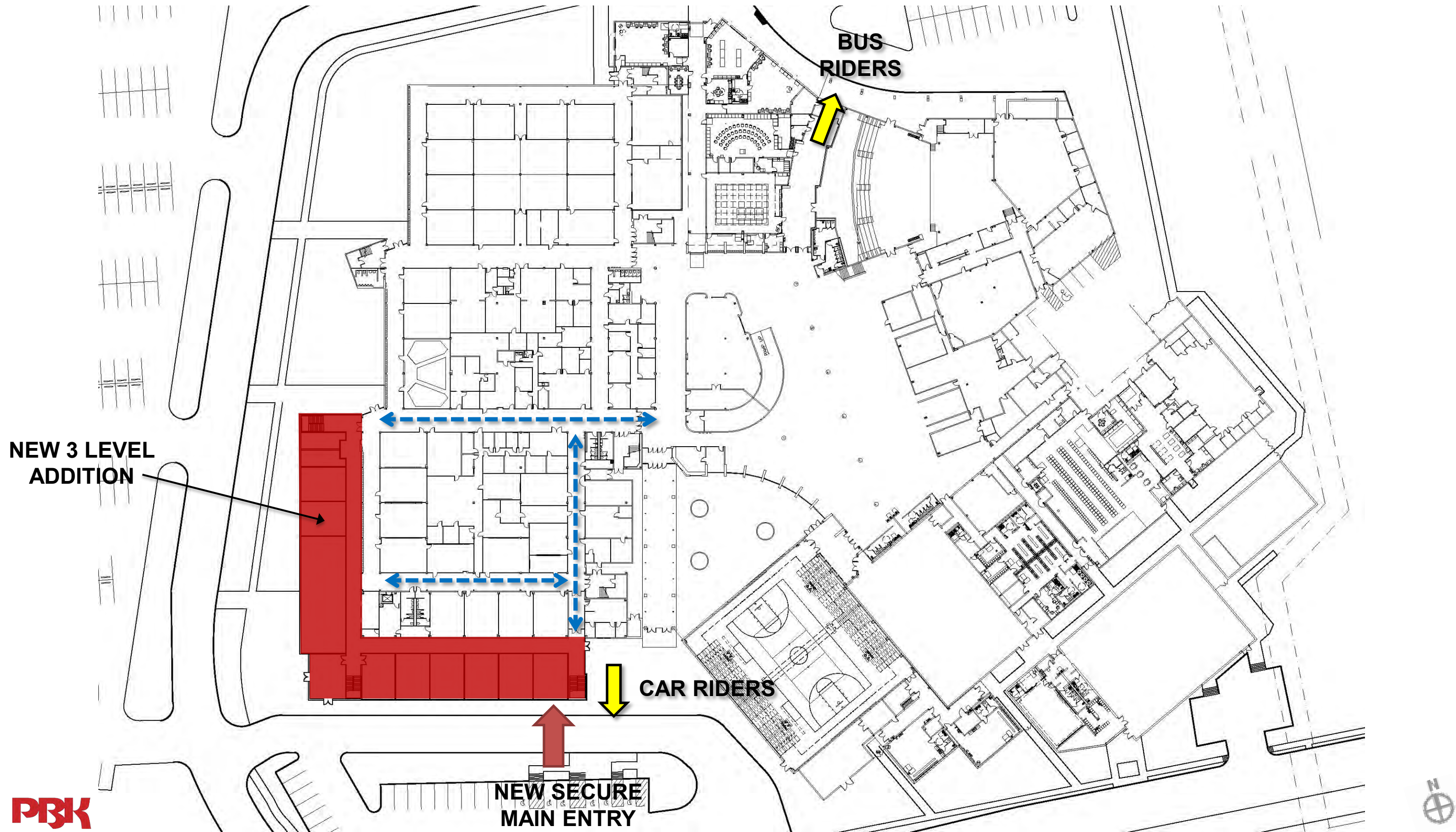


MAIN FACADE VIEW

Option “C”

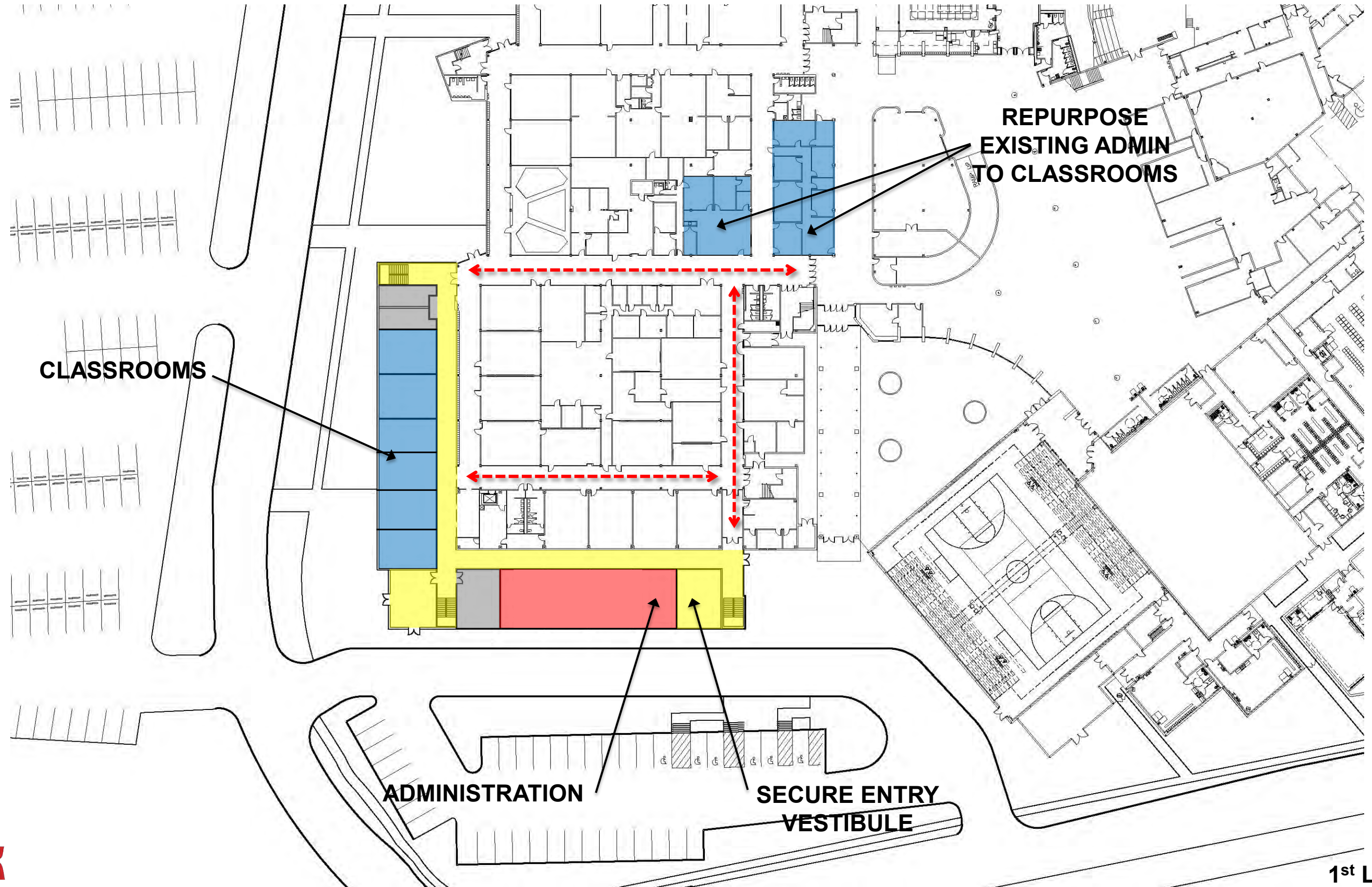
Northbrook High School Additions and Renovations

New Addition Option "C"



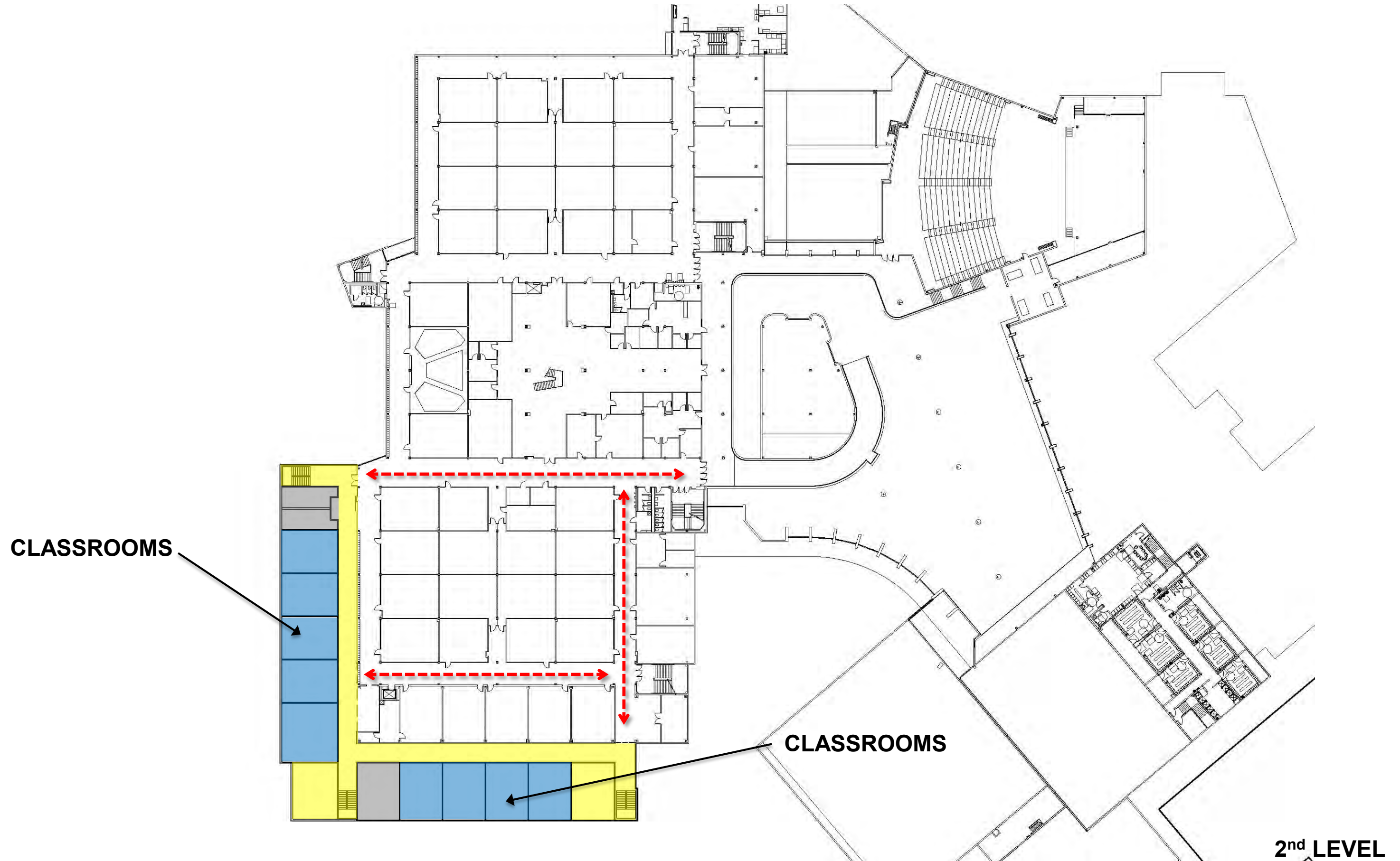
Northbrook High School Additions and Renovations

New Addition Option "C" – 1st Level



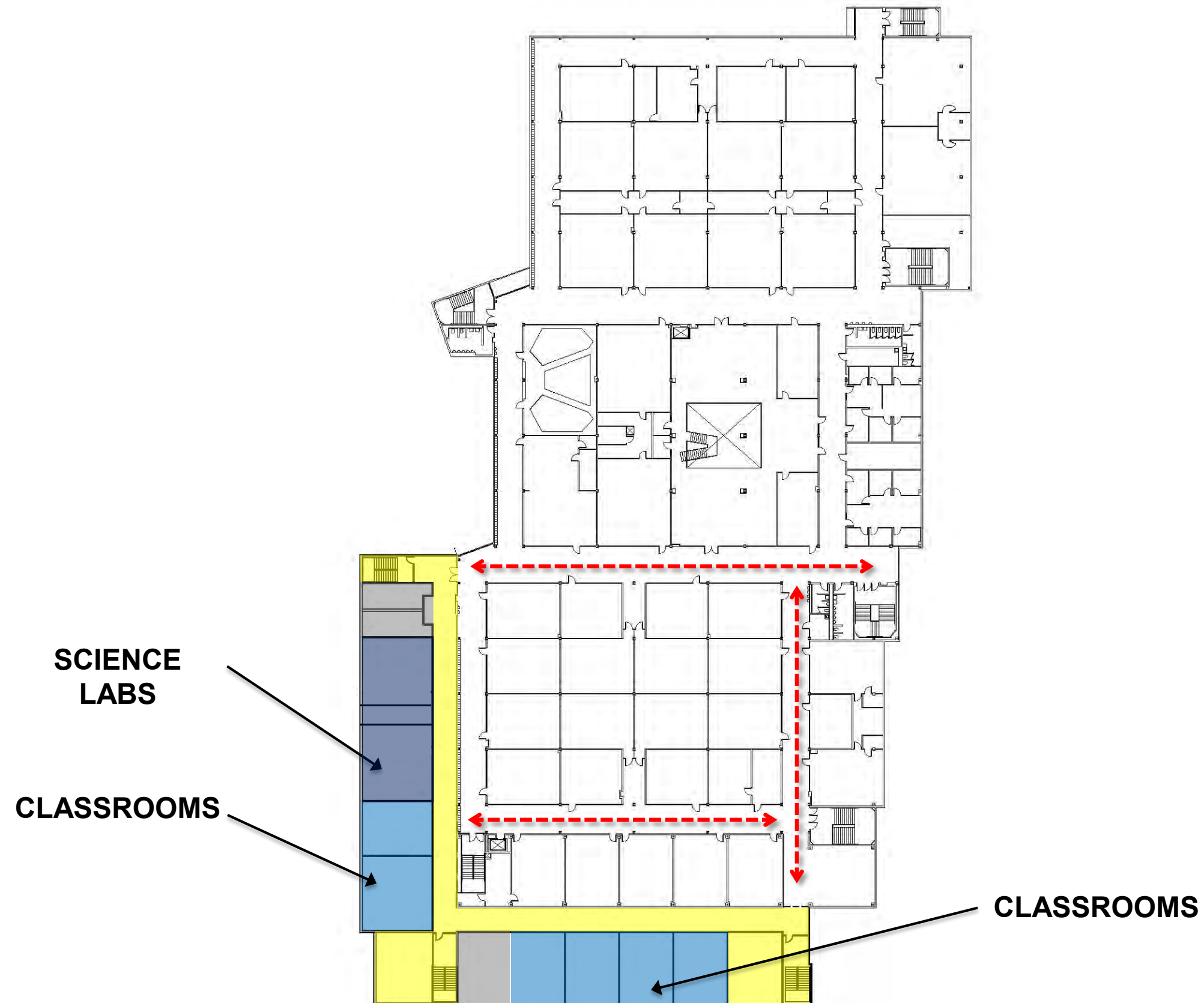
Northbrook High School Additions and Renovations

New Addition Option "C" – 2nd Level



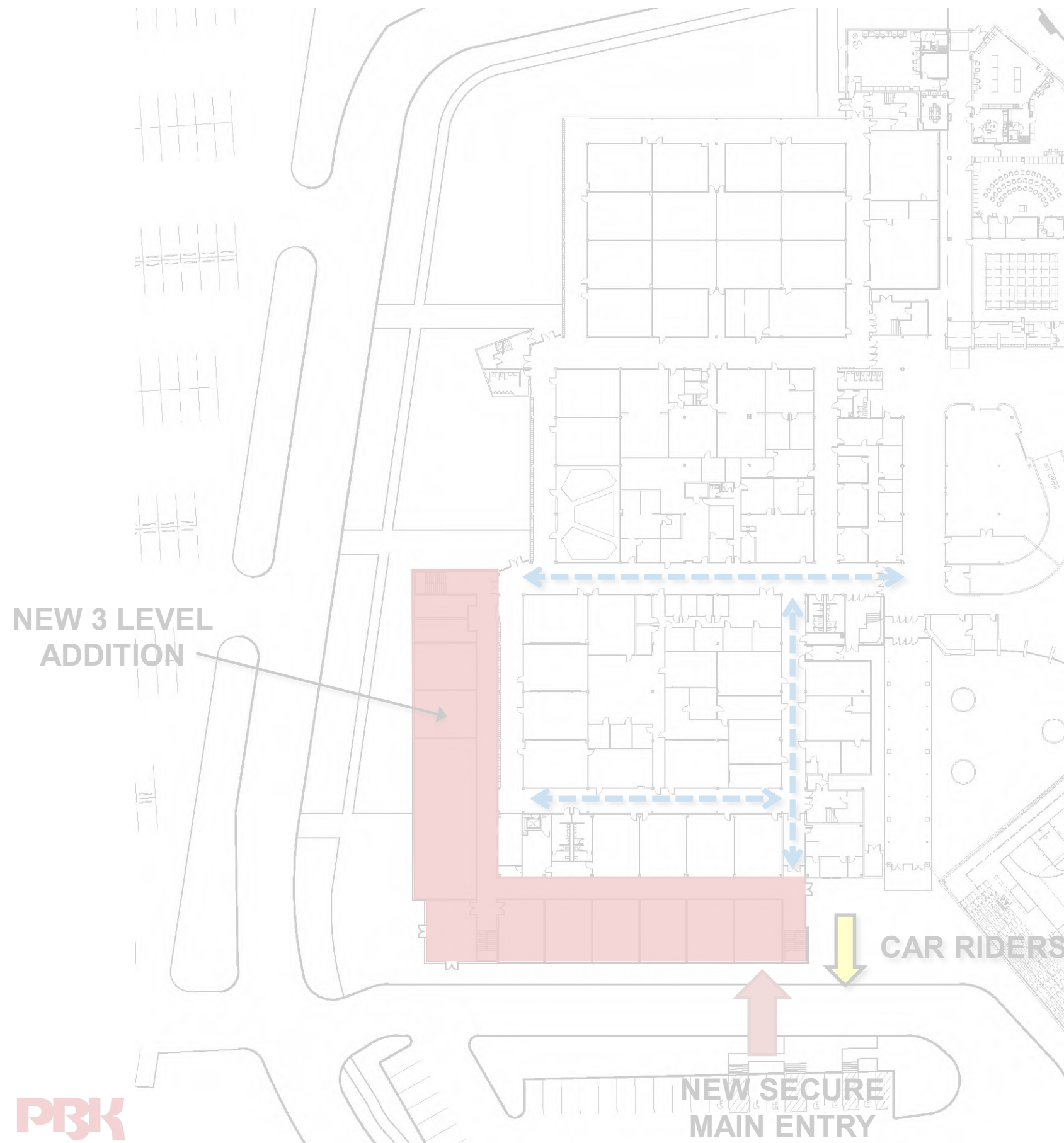
Northbrook High School Additions and Renovations

New Addition Option “C” – 3rd Level



Northbrook High School Additions and Renovations

New Addition Option “C”



PROS:

- New Classrooms adjacent to existing classrooms
- Multiple hallway connection
- Relocation of main entry and main admin to front
- Opportunity to provide new restrooms and new stairs
- New addition provides “new face” for the school
- Possibly separate bus riders from walkers

CONS:

- Addition disrupts existing drainage, need to relocate
- Addition disrupts existing drop-off lane
- Addition faces West, need to provide shading

Northbrook High School Additions and Renovations

New Addition Option “C” – Conceptual Massing



AERIAL VIEW

Northbrook High School Additions and Renovations

New Addition Option “C” – Conceptual Massing



MAIN ENTRY VIEW

Northbrook High School Additions and Renovations

New Addition Option “C” – Conceptual Massing



MAIN ENTRY VIEW

Northbrook High School Additions and Renovations

New Addition Option “C” – Conceptual Massing



MAIN FACADE VIEW

Northbrook High School Additions and Renovations

New Addition Option “C” – Conceptual Massing

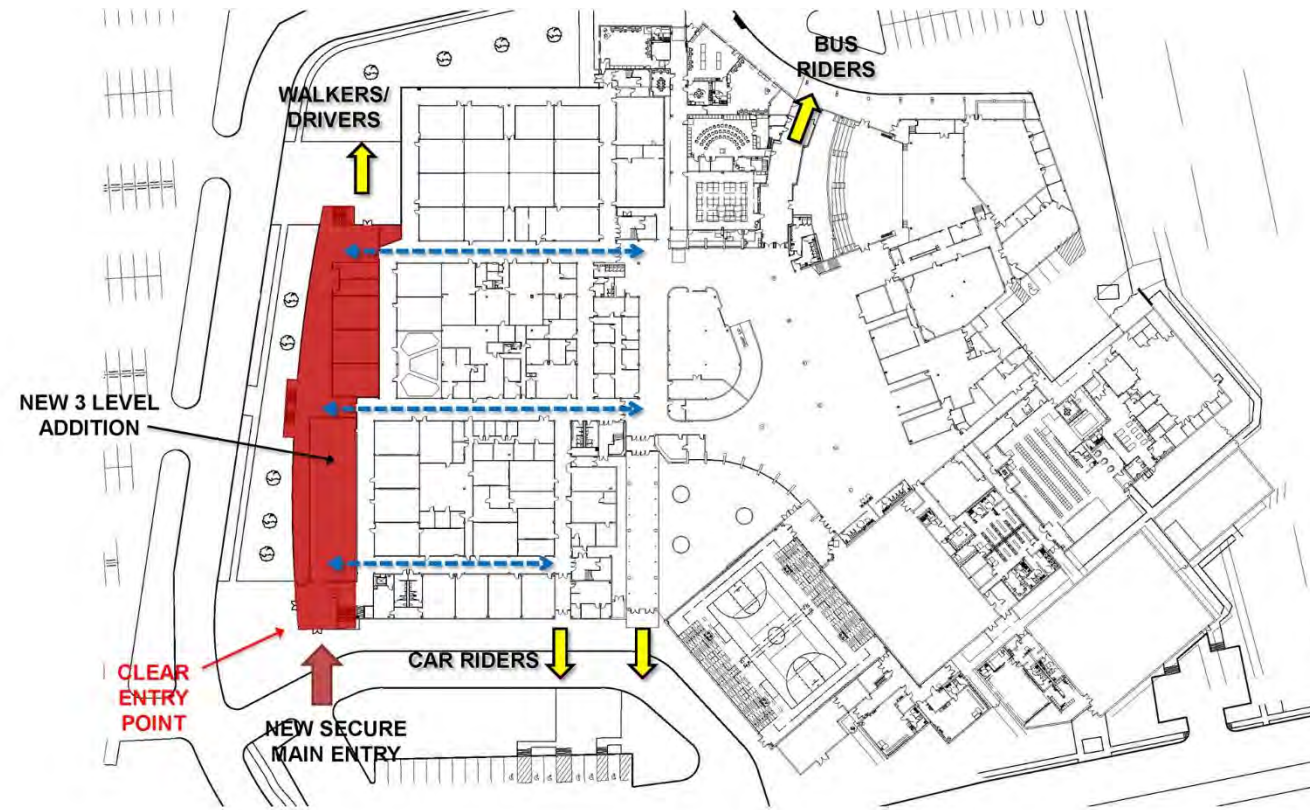


MAIN FACADE VIEW

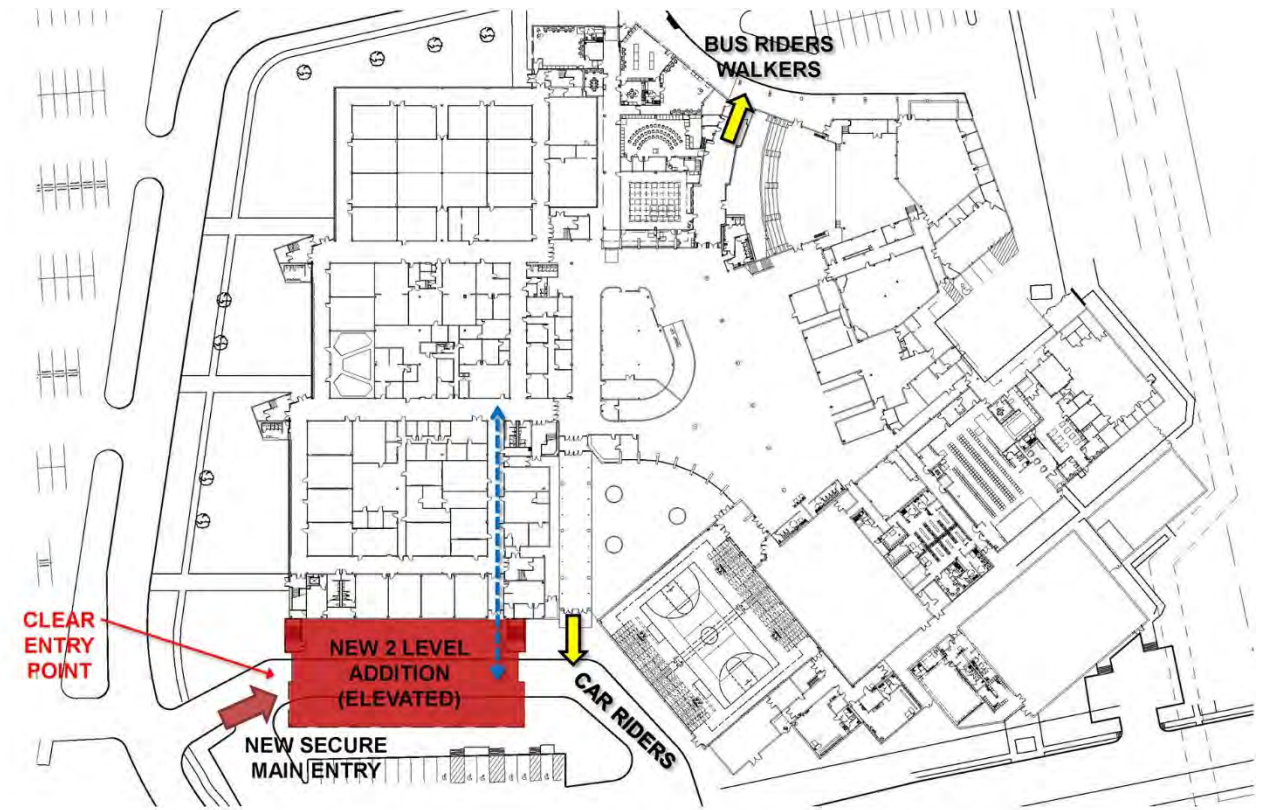
Options Review

Northbrook High School Additions and Renovations

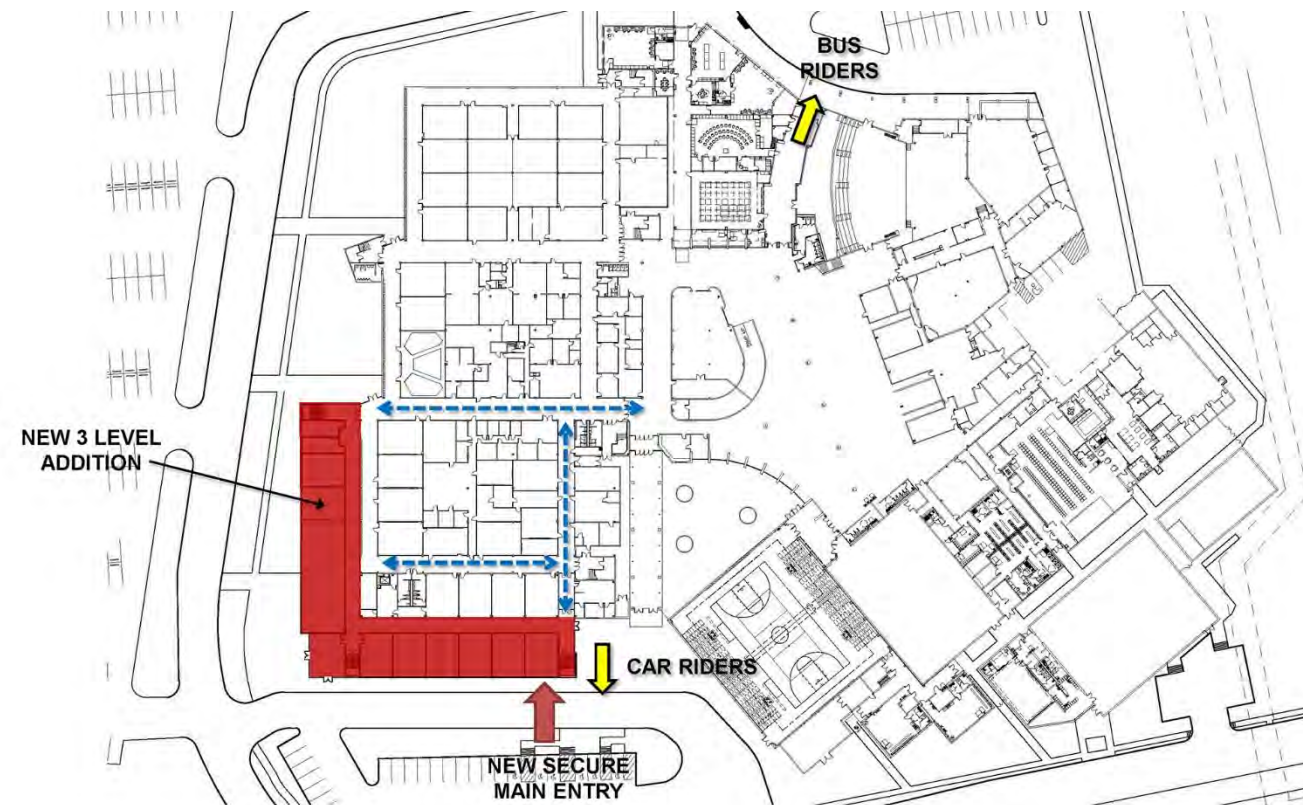
New Addition Options Review - Layout



Option "A"



Option "B"



Option "C"

Northbrook High School Additions and Renovations

New Addition Options Review – 3D Massing



Option “A”



Option “B”



Option “C”

Northbrook High School Additions and Renovations

New Addition Options Review – Main Entry



Option "A"



Option "B"



Option "C"

PAT 03 Review

- Log in to: **SLIDO.COM**
- Enter Code: **B099**
- When done with question 01, please remain in slido.com, we will automatically change to question 02, 03

- 1. What is the preferred location and layout option for NHS?**
- 2. What is the preferred 3d massing option for NHS?**
- 3. Are we going in the right direction for the Northbrook High School Additions and Renovations Design after PAT 04?**

Next Steps



PAT 01

PAT 02

PAT 03

PAT 04

PAT 05

PAT 06

PAT 07

PAT 08

03-21-2019

04-10-2019

05-08-2019

05-21-2019

07-30-2019

08-28-2019

09-17-2019

10-08-2019

KICK-OFF

SD

SD

SD

DD

DD

CD

CD

- Fact Finding Review
- Gather Data
- Establish Project Priorities

- Priority List Review
- Gather Data
- Establish List

- Floor Plan improvements
- New classroom addition plan review
- Site Improvements

- Refine Layout Options
- Volumetric exterior concepts

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- Refine Layout
- Review exterior design

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- Refine Exterior Design
- Start Interior Design

- Review Overall Design
- Present Exterior and Interior imagery
- Review finishes

- Review Overall Design
- Review Finishes



Thank You!

