



# Northbrook High School Additions and Renovations PAT Meeting No. 05

Spring Branch Independent School District \\ Houston, Texas \\ July 30<sup>th</sup>, 2019



### **PAT Meeting #05** (2:00pm to 3:30pm)

- Project Overview
- Guiding Principles
- Schematic Layout and Massing Options (Option A and C)
- Option A.1 Review (Layout and massing)
- PAT Review
- Next Steps
- Meeting Adjourned at 3:30pm





## 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



**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**

**DD**

**DD**

SUMMER  
BREAK

**DD**

**CD  
50%**

**CD  
75%**

- |  |   |  |  |  |  |   |   |
|--|---|--|--|--|--|---|---|
| <ul style="list-style-type: none"><li>• Fact Finding Review</li><li>• Gather Data</li><li>• Establish Project Priorities</li></ul> | <ul style="list-style-type: none"><li>• Priority List Review</li><li>• Gather Data</li><li>• Establish List</li></ul> | <ul style="list-style-type: none"><li>• Floor Plan improvements</li><li>• New classroom addition plan review</li><li>• Site Improvements</li></ul> | <ul style="list-style-type: none"><li>• Refine Layout Options</li><li>• Volumetric exterior concepts</li></ul> | <ul style="list-style-type: none"><li>• Refine Addition Options</li><li>• Addition Interior Design</li><li>• Volumetric Exterior Options</li></ul> | <ul style="list-style-type: none"><li>• Refine Exterior Design</li><li>• Start Interior Design</li></ul> | <ul style="list-style-type: none"><li>• Review Overall Design</li><li>• Present Exterior and Interior imagery</li><li>• Review finishes</li></ul> | <ul style="list-style-type: none"><li>• Review Overall Design</li><li>• Review Finishes</li></ul> |
|--|---|--|--|--|--|---|---|

- **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 9<sup>th</sup> to 12<sup>th</sup>)
  - Athletic Upgrades (as needed)
  - Synthetic Turf Practice Field

### 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

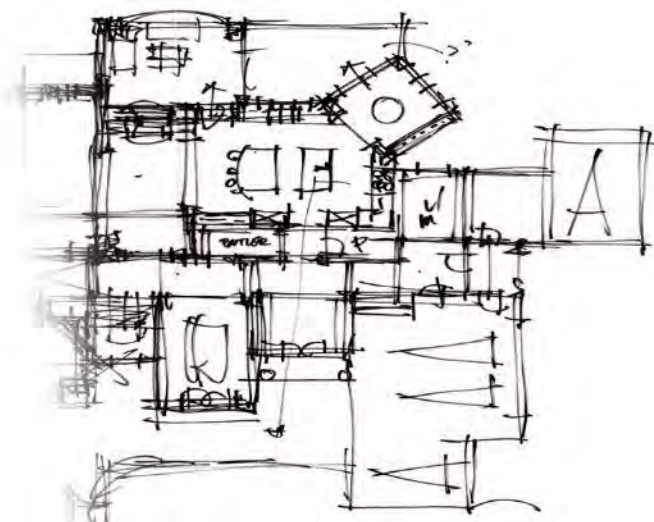
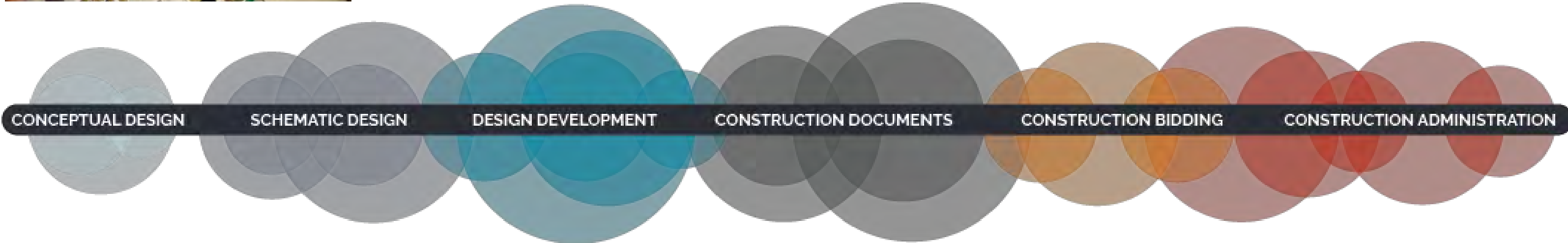
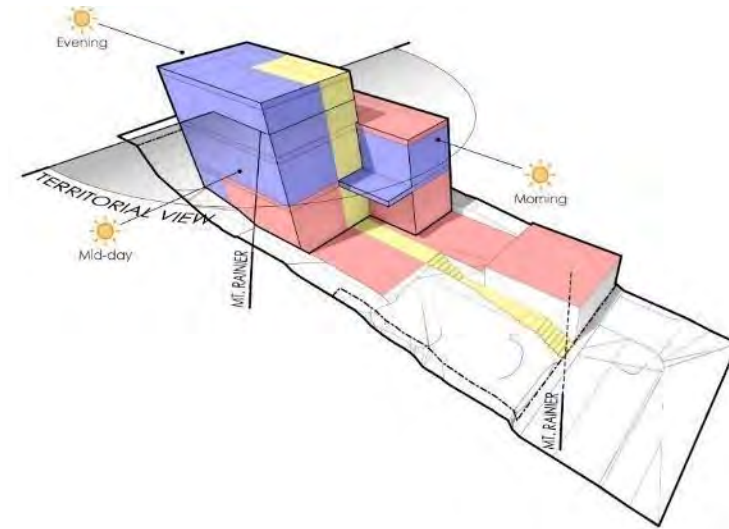
### Priority B

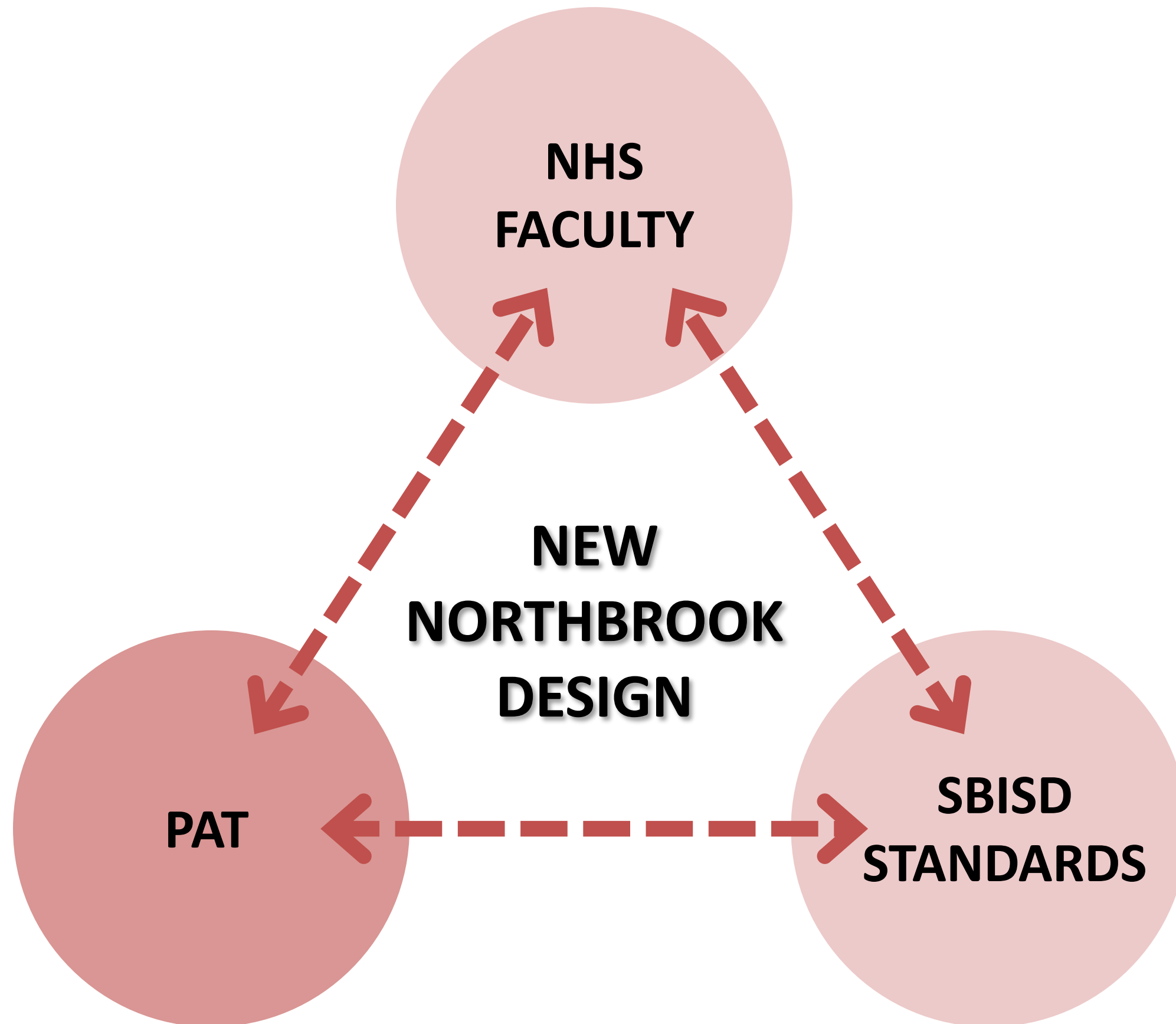
- New Teacher workroom
- Upgrade Life Skills
- Admin Offices per Level
- Provide Personal Care Area
- Upgrade Elevators
- Athletic Fields
- Training Carts path
- Hot water issues
- Need Testing/ LGI area

### Priority C

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







Are we going in the right direction for the Northbrook High School Additions & Renovations Design after PAT #04?

0 1 0

Yes :)



No :/



What is the preferred location and layout option for NHS?

0 1 0

A



B



C



What is the preferred 3D massing option for NHS?

0 1 1

A



B

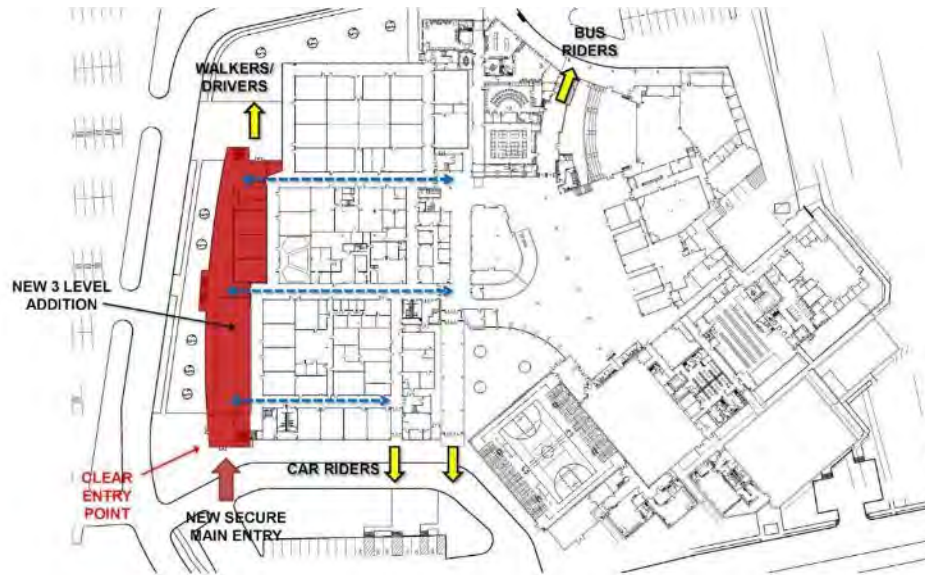


C



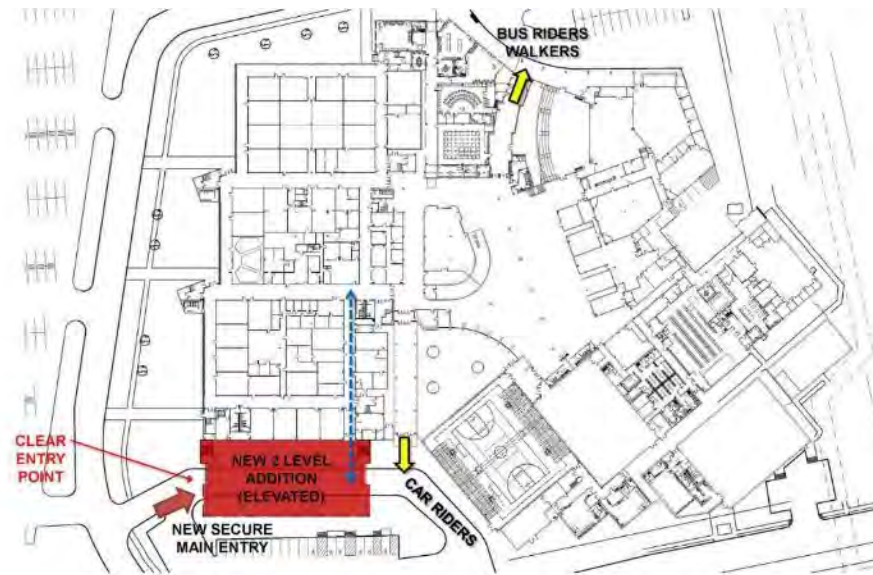


**70% / 91%**



**Option "A"**

**0% / 0%**



**Option "B"**

**30% / 9%**

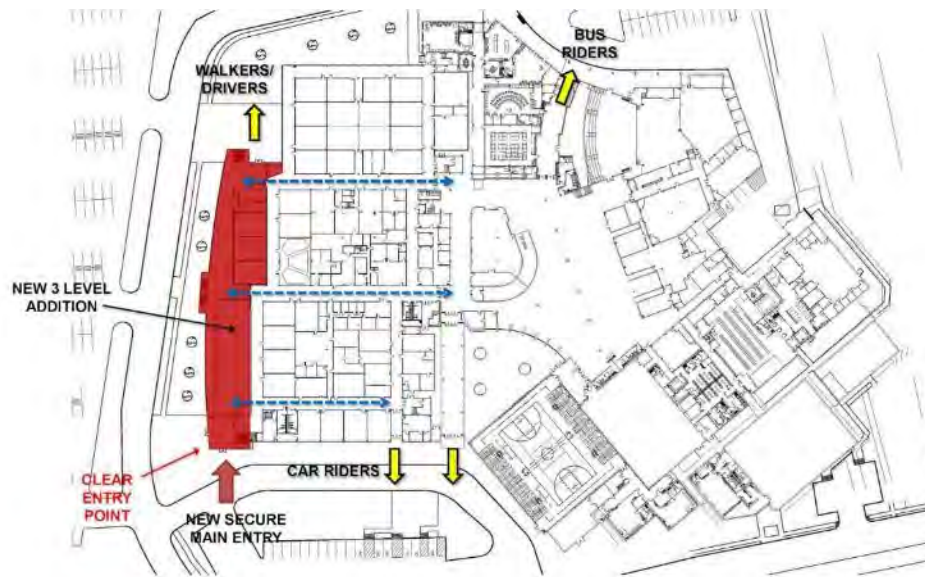


**Option "C"**



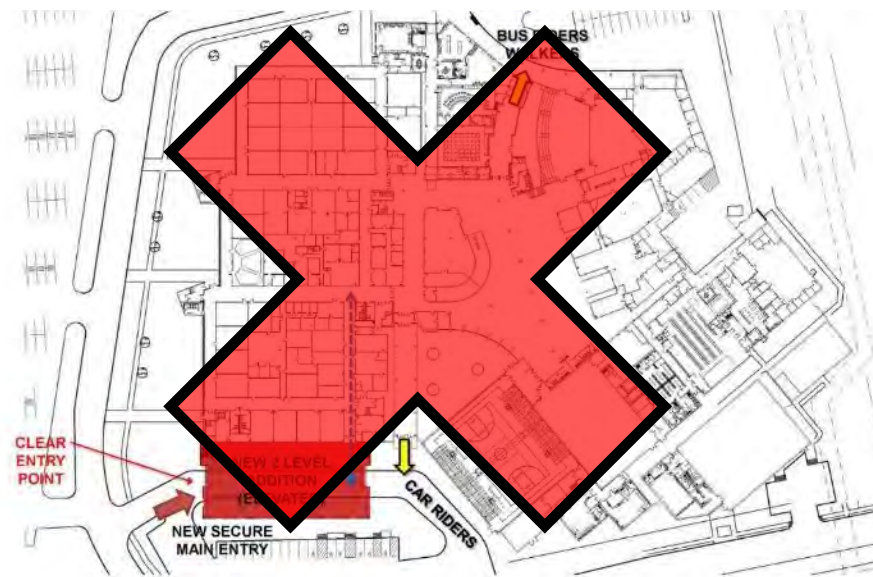


**70% / 91%**



Option "A"

**0% / 0%**



Option "B"

**30% / 9%**



Option "C"



# 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.

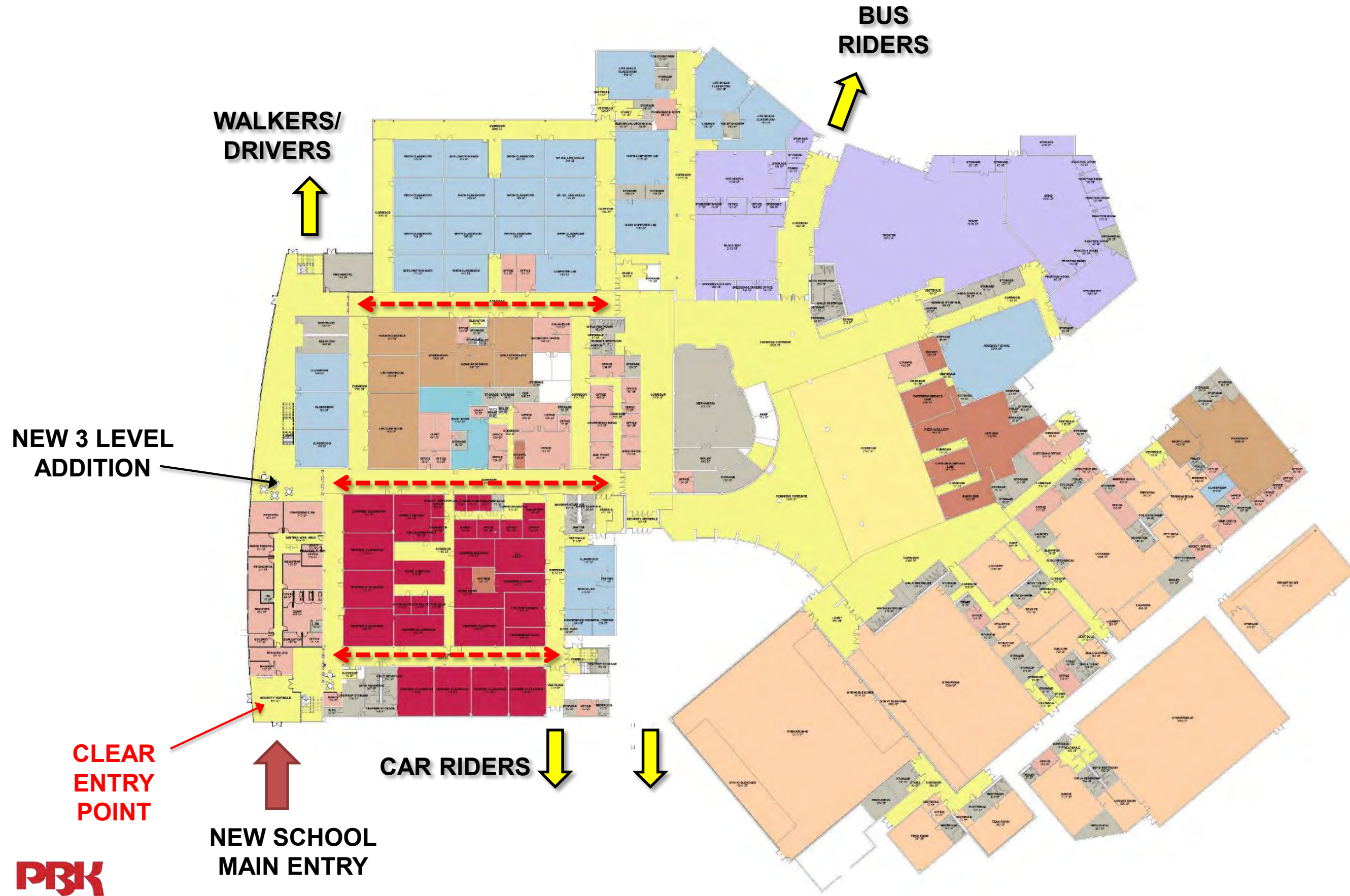


# Schematic Layout & Massing Options

Option “A”

# Northbrook High School Additions and Renovations

## New Addition Option "A"





### New Addition:

- Main Admin
- 3 Classrooms

**CLASSROOMS**

**ADMINISTRATION**

**SECURE ENTRY VESTIBULE**

**REPURPOSE  
EXISTING ADMIN  
TO CLASSROOMS**





# Northbrook High School Additions and Renovations

## New Addition Option "A" – 1<sup>st</sup> Level





- 8 Classrooms



### New Addition:

- 2 Science Labs
- 5 Classrooms

SCIENCE LABS

CLASSROOMS



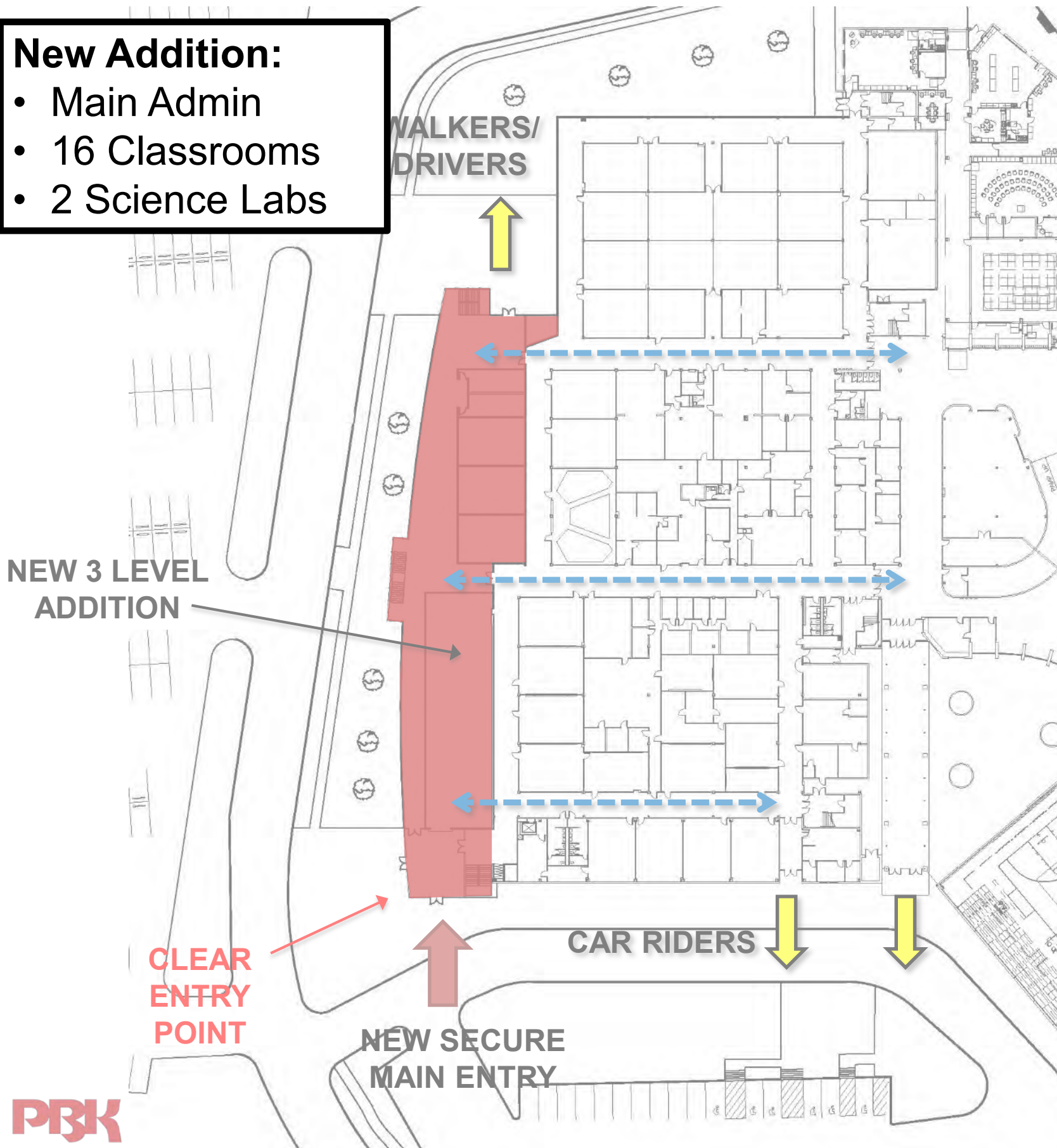


# Northbrook High School Additions and Renovations

## New Addition Option “A”

### New Addition:

- Main Admin
- 16 Classrooms
- 2 Science Labs



### PROS:

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

### CONS:

- Moves main Admin away from central location
- Changes main entry location
- 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 FACADE VIEW

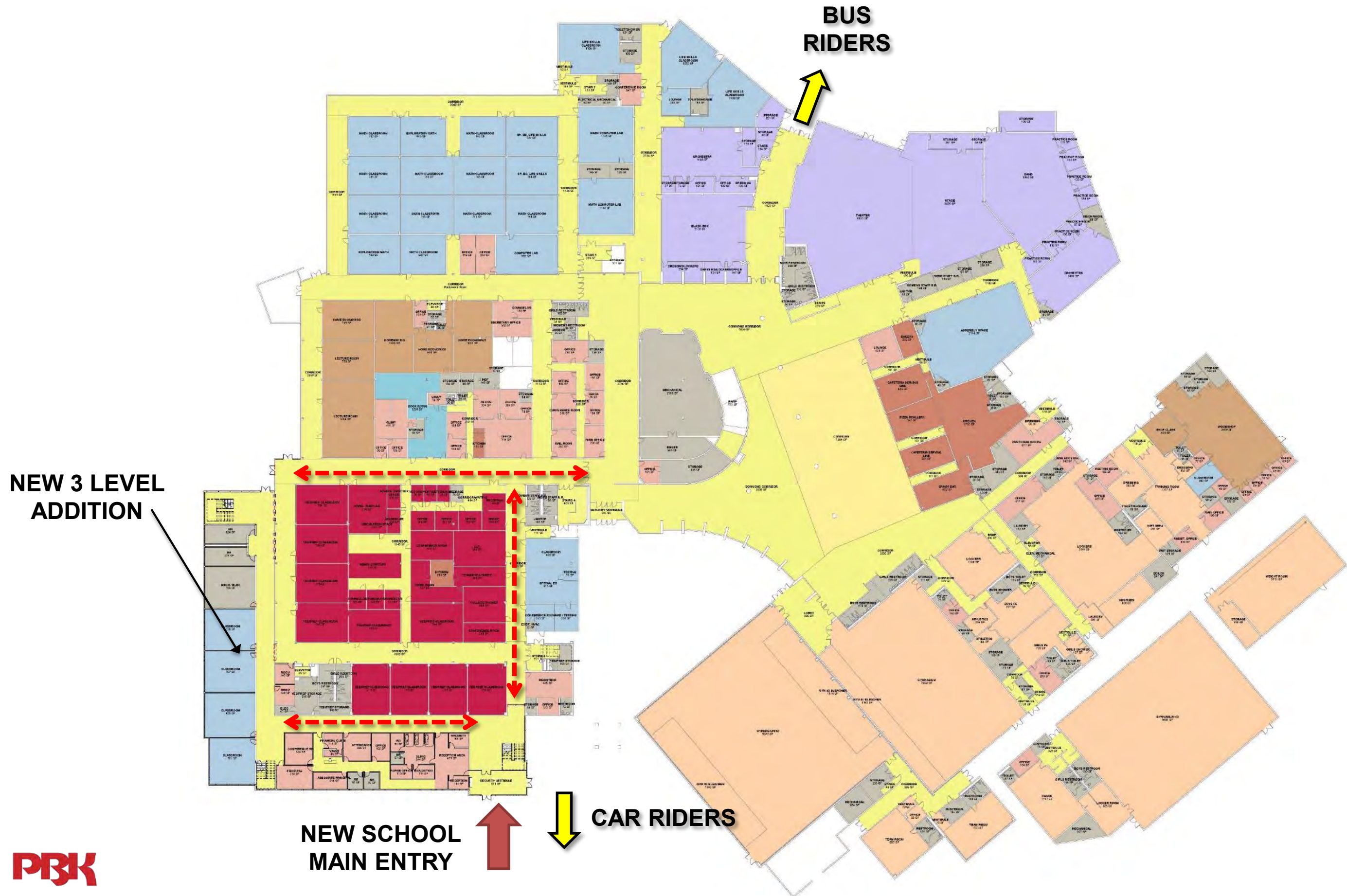


Option “C”



# Northbrook High School Additions and Renovations

## New Addition Option "C"





## New Addition:

- Main Admin
- 4 Classrooms

## CLASSROOMS

## ADMINISTRATION

# SCHOOL MAIN ENTRY



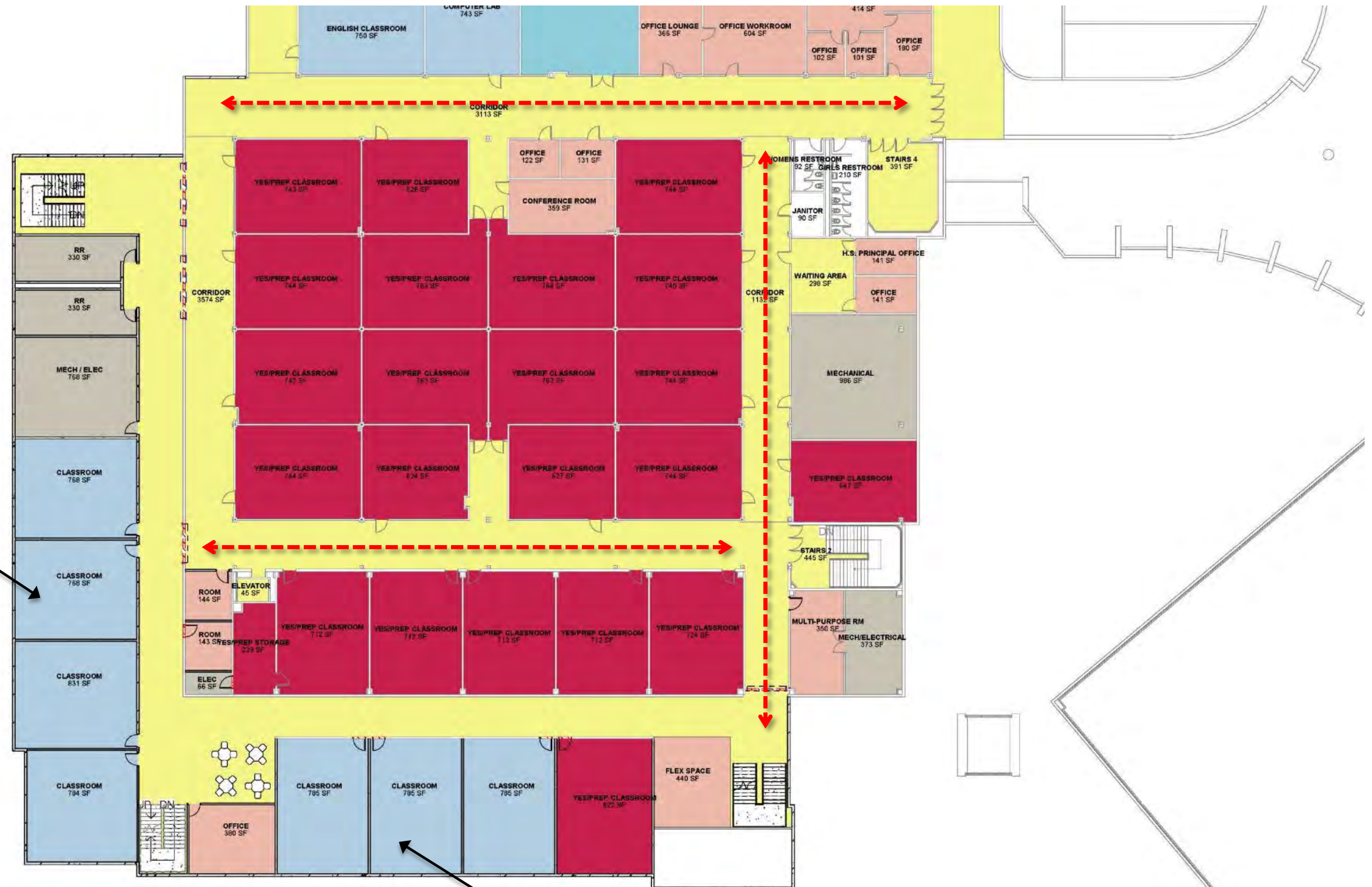
# Northbrook High School Additions and Renovations

## New Addition Option "C" – 2<sup>nd</sup> Level

### New Addition:

- 7 Classrooms
- 1 Yes Prep Classroom

**CLASSROOMS**

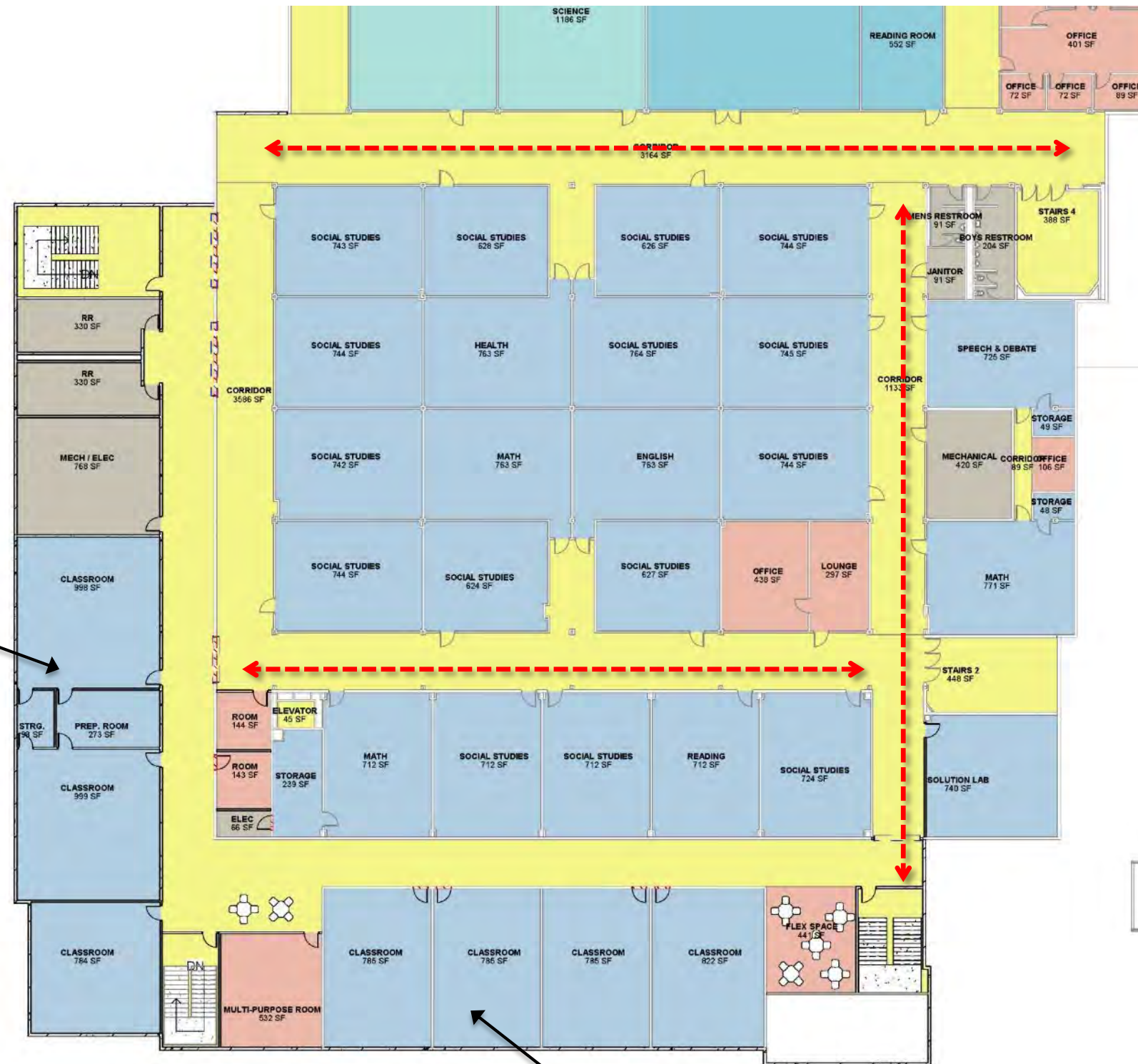


**CLASSROOMS**

### New Addition:

- 2 Science Labs
- 5 Classrooms

SCIENCE LABS



CLASSROOMS



# Northbrook High School Additions and Renovations

## New Addition Option “C”

### New Addition:

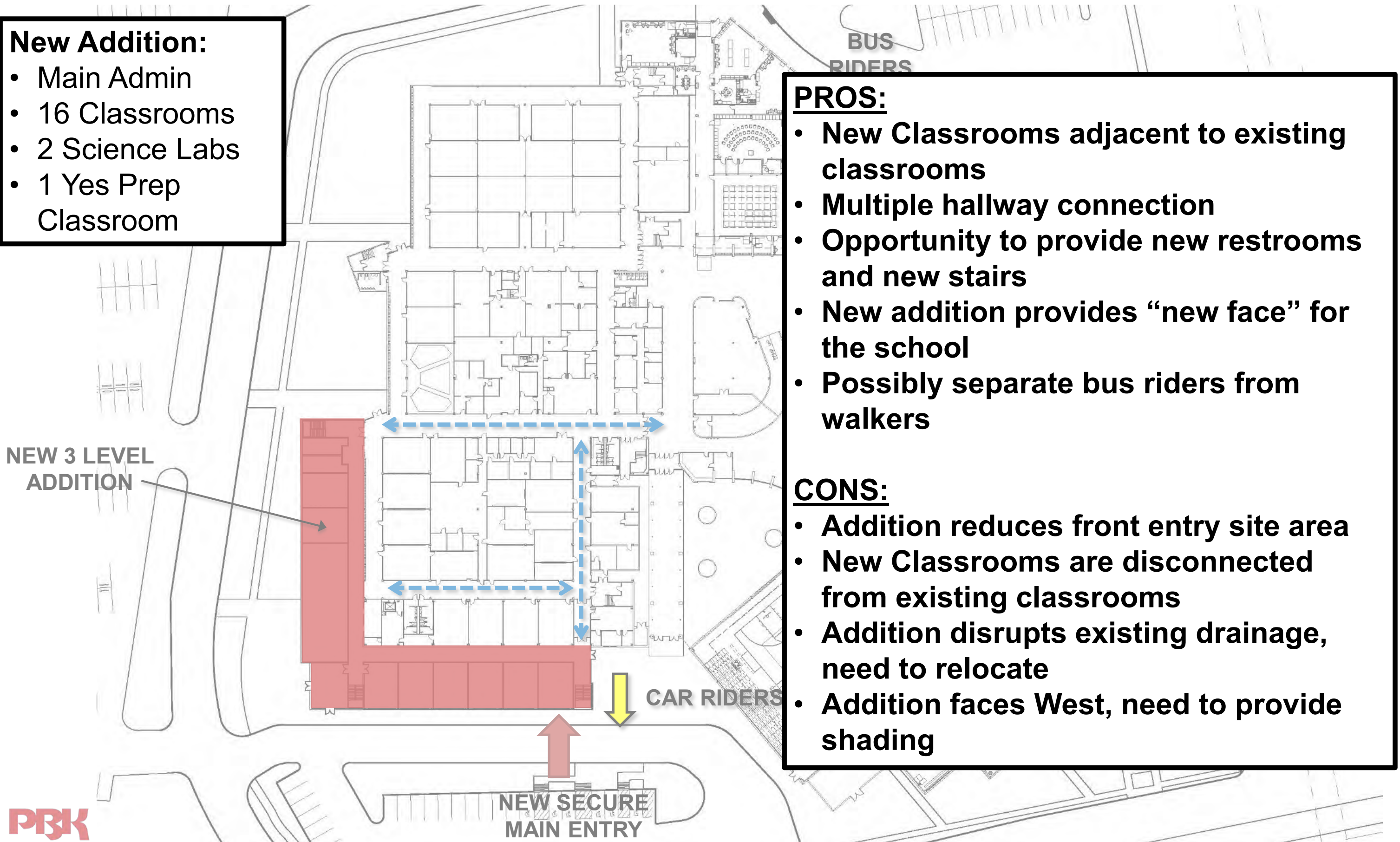
- Main Admin
- 16 Classrooms
- 2 Science Labs
- 1 Yes Prep Classroom

### PROS:

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

### CONS:

- Addition reduces front entry site area
- New Classrooms are disconnected from existing classrooms
- Addition disrupts existing drainage, need to relocate
- Addition faces West, need to provide shading





# Northbrook High School Additions and Renovations

## New Addition Option “C” – Conceptual Massing



AERIAL VIEW





**MAIN ENTRY VIEW**



# Northbrook High School Additions and Renovations

## New Addition Option “C” – Conceptual Massing



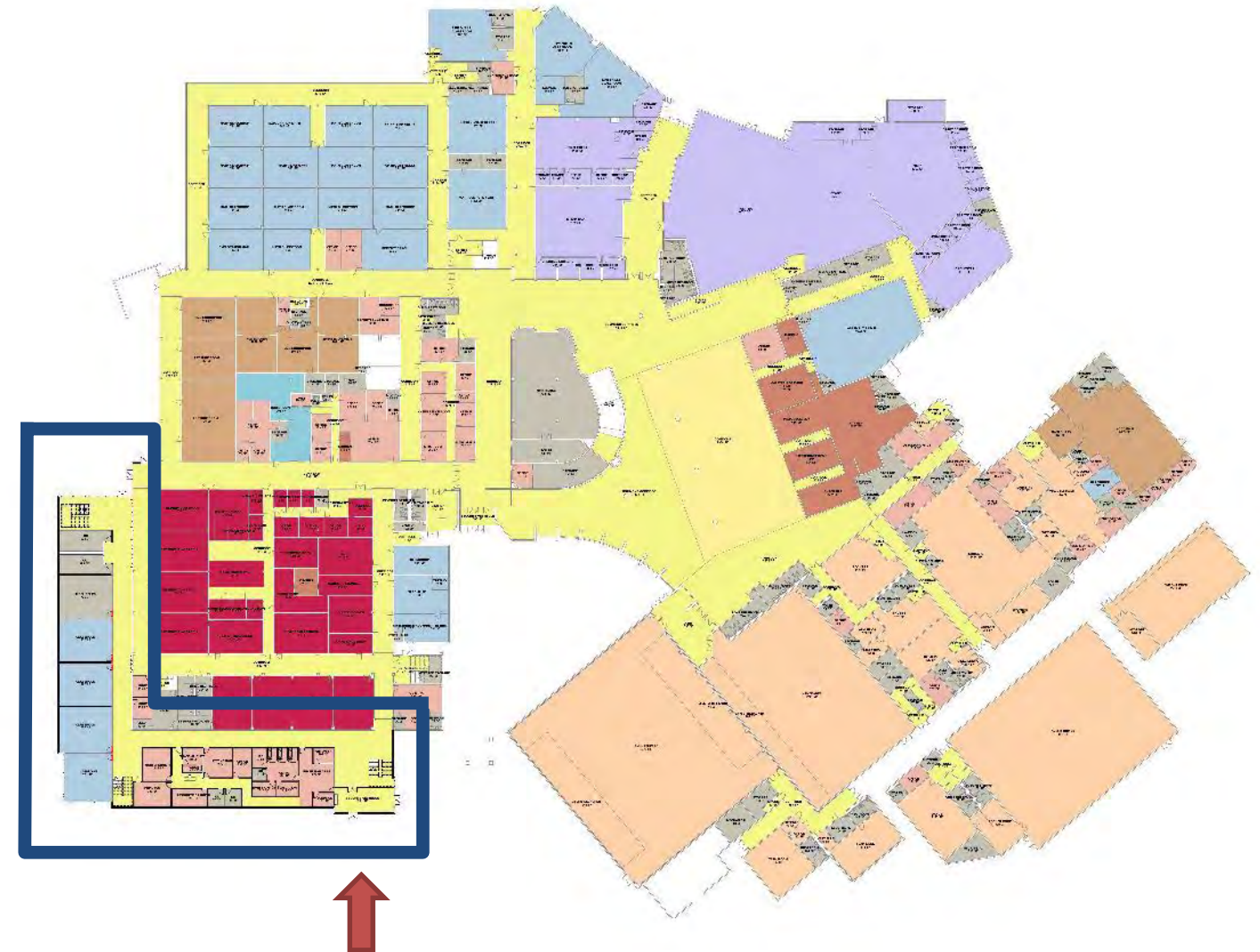
MAIN FACADE VIEW



# Option A.1 Review



Option "A"



Option "C"



# Northbrook High School Additions and Renovations

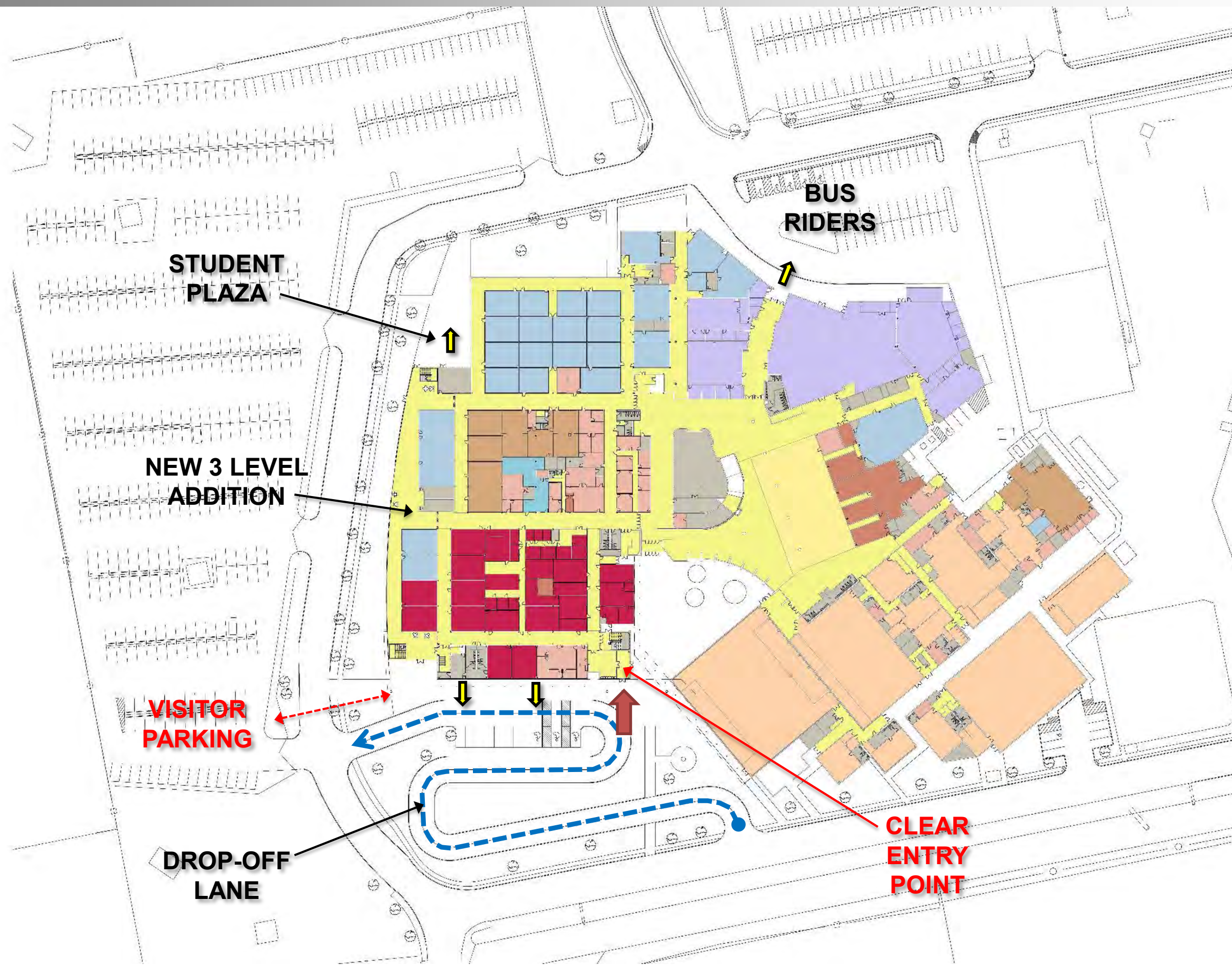
## New Addition Options Review – 3D Massing





# Northbrook High School Additions and Renovations

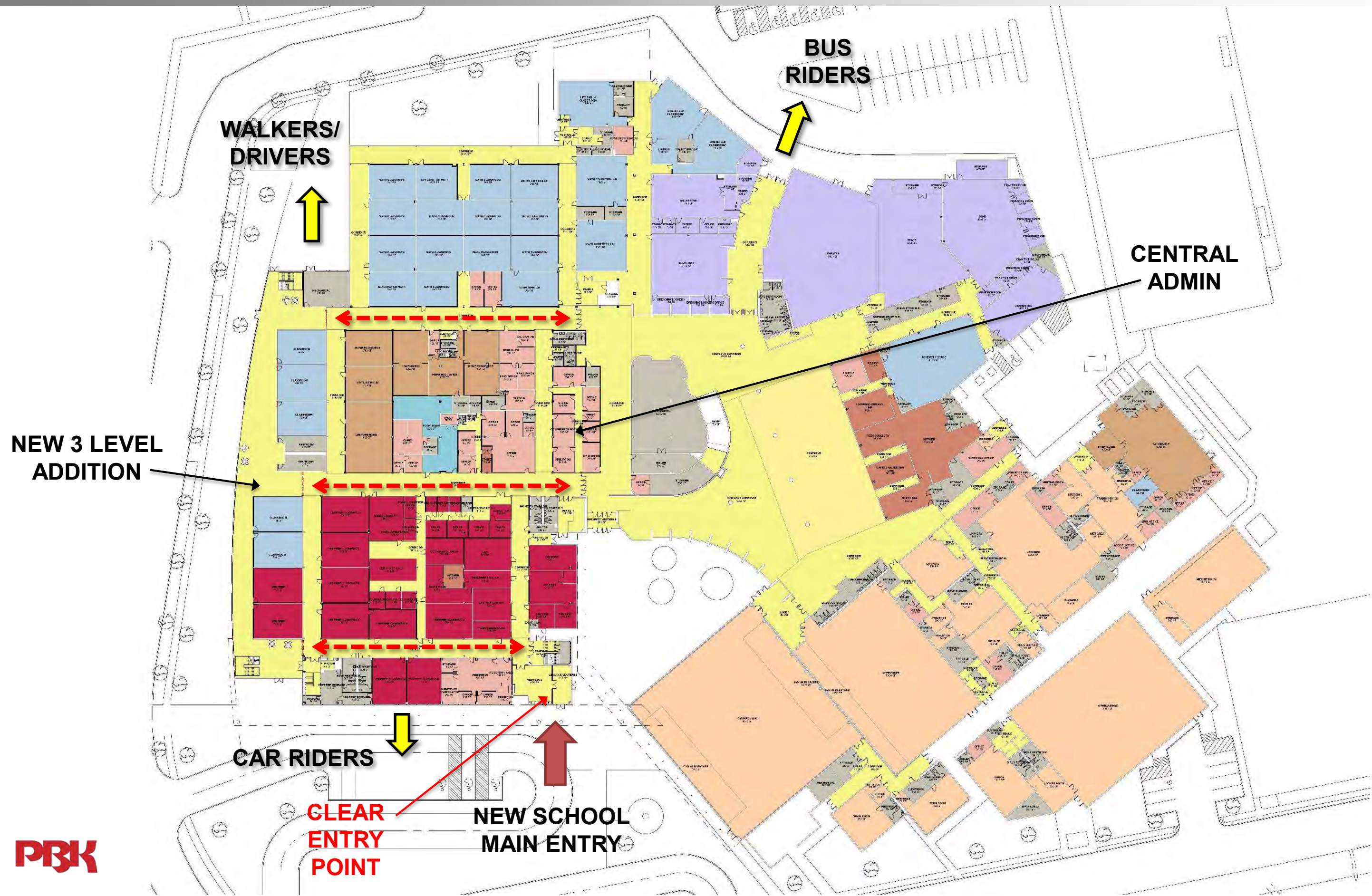
## New Addition Option "A.1" – Site Plan





# Northbrook High School Additions and Renovations

## New Addition Option "A.1" – 1<sup>st</sup> Level Plan





- Reception Admin
- 5 Classrooms
- 2 Yes Prep Classrooms

## CLASSROOMS

# YES PREP CLASSROOMS

RECEPTION  
ADMIN —

**KEEP MAIN  
ADMIN CENTRALLY  
LOCATED**

# RENOVATED SCHOOL MAIN ENTRY

## 1<sup>st</sup> LEVEL







# Northbrook High School Additions and Renovations

## New Addition Option "A.1" – 2<sup>nd</sup> Level

### New Addition:

- 7 Classrooms

CLASSROOMS

CLASSROOMS





### New Addition:

- 2 Science Labs
- 4 Classrooms

SCIENCE LABS

CLASSROOMS





### New Addition:

- Reception Admin
- 16 Classrooms
- 2 Yes Prep Classrooms
- 2 Science Labs

BUS RIDERS

### PROS:

- New Classrooms adjacent to existing classrooms
- Multiple hallway connection
- Maintain Main Entry location
- Provide secure entry lobby
- Keep main admin centrally located
- 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

NEW 3 LEVEL ADDITION

CAR RIDERS

CLEAR ENTRY POINT

NEW SCHOOL MAIN ENTRY



# Northbrook High School Additions and Renovations

## New Addition Option “A.1” – Conceptual Massing



AERIAL VIEW



# Northbrook High School Additions and Renovations

## New Addition Option “A.1” – Conceptual Massing



MAIN ENTRY VIEW



# Northbrook High School Additions and Renovations

## New Addition Option “A.1” – Conceptual Massing



MAIN FACADE VIEW



# Northbrook High School Additions and Renovations

## New Addition Option “A.1” – Conceptual Massing



**MAIN FACADE VIEW**



# Northbrook High School Additions and Renovations

## New Addition Option “A.1” – Conceptual Massing



NEW ADDITION VIEW



# PAT 5 Review



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

- 1. Do you approve of the A.1 option layout?**
- 2. Are going in the right direction for the exterior massing?**
- 3. Are we going in the right direction for the Northbrook High School Additions and Renovations Design after PAT 05?**



# Next Steps





# Northbrook High School Additions and Renovations

## PAT MEETING SCHEDULE



**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**

**DD**

**DD**

SUMMER  
BREAK

**DD**

**CD  
50%**

**CD  
75%**

- |  |   |  |  |  |  |   |   |
|--|---|--|--|--|--|---|---|
| <ul style="list-style-type: none"><li>• Fact Finding Review</li><li>• Gather Data</li><li>• Establish Project Priorities</li></ul> | <ul style="list-style-type: none"><li>• Priority List Review</li><li>• Gather Data</li><li>• Establish List</li></ul> | <ul style="list-style-type: none"><li>• Floor Plan improvements</li><li>• New classroom addition plan review</li><li>• Site Improvements</li></ul> | <ul style="list-style-type: none"><li>• Refine Layout Options</li><li>• Volumetric exterior concepts</li></ul> | <ul style="list-style-type: none"><li>• Refine Addition Options</li><li>• Addition Interior Design</li><li>• Volumetric Exterior Options</li></ul> | <ul style="list-style-type: none"><li>• Refine Exterior Design</li><li>• Start Interior Design</li></ul> | <ul style="list-style-type: none"><li>• Review Overall Design</li><li>• Present Exterior and Interior imagery</li><li>• Review finishes</li></ul> | <ul style="list-style-type: none"><li>• Review Overall Design</li><li>• Review Finishes</li></ul> |
|--|---|--|--|--|--|---|---|





**Thank You!**

