

### **Program Summary:**

A one-story classroom wing that is the first phase of a three-phase expansion of the existing school campus to address the growing educational needs of middle school students.

### **Program Statement:**

The Phase 1 classroom building is a thoughtfully designed educational facility that addresses the needs of middle school students through innovative design and planning strategies. The entrance to the new wing is designed with dual purposes in mind: to serve as a transitional iconic main entry feature and to set a precedent for the architectural language that will be continued and expanded upon in future phases of the campus development. Furthermore, by incorporating collaboration spaces, natural light, and specialized L shaped classrooms, the building provides a conducive environment for learning and growth. The inclusion of spaces for dining, special education, teacher workrooms, and administrative offices ensures that all aspects of the school community are supported in the initial phase. The school community has embraced the opening of this state-of-the-art facility and the positive impact it is having on the educational experiences of its students.

# **A35.01**

Building Area: (sf)  
**22,060 SF**

Cost per Square Foot:  
**\$277**

Construction Cost  
**\$7,121,866**

Date of Completion:  
**July 9, 2023**

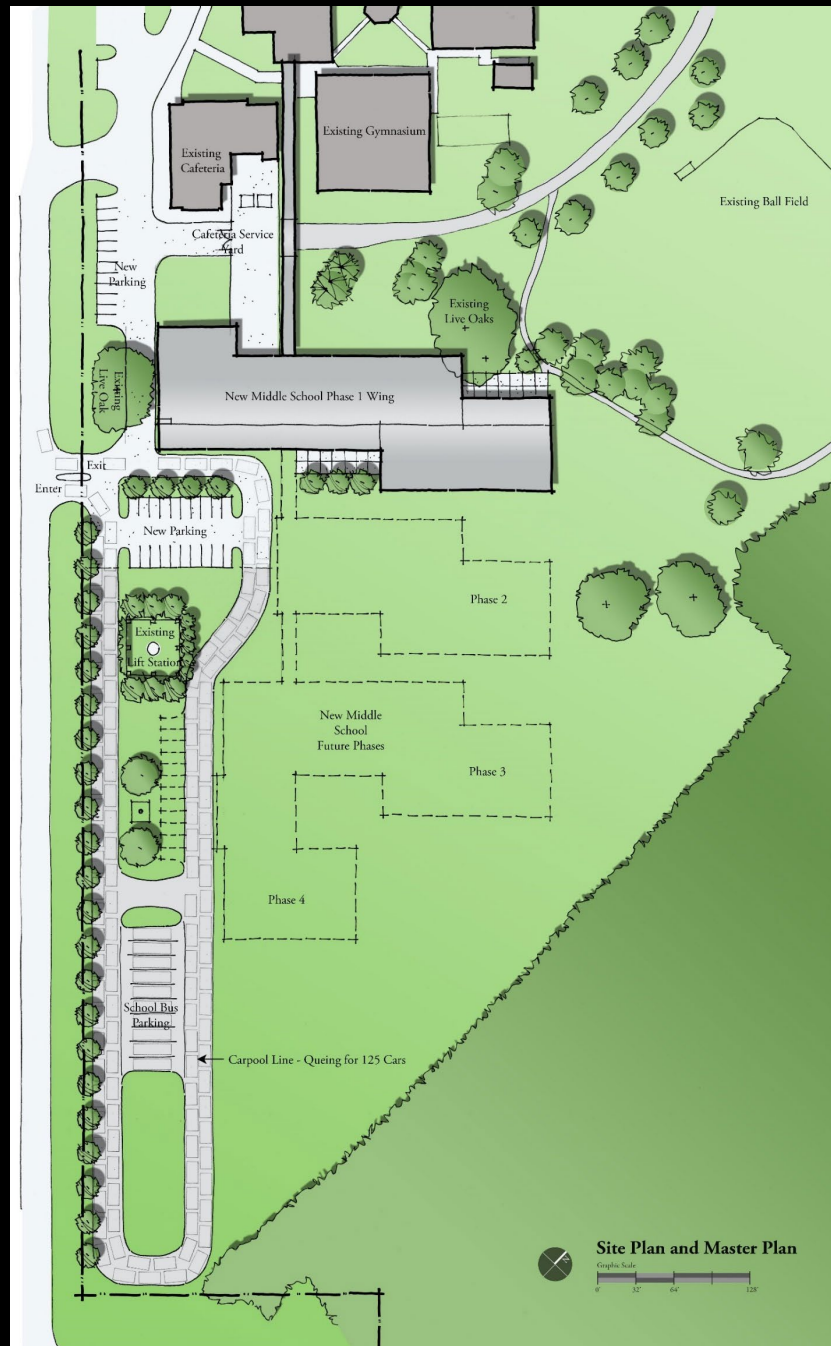


## A35.02

The entrance serves as a striking beacon for the new development, capturing attention and setting the tone for the entire campus. More than just a gateway, it embodies the school's vision of welcome, innovation, and forward-thinking, establishing a strong identity for future phases.

Designed to blend modern aesthetics with functionality, the entrance features a spacious canopy that provides shelter while conveying openness and transparency—key elements of the school's educational philosophy. Durable materials like glass, steel, cement board, and mass timber create a welcoming yet robust atmosphere.

As a prominent landmark, the entrance clearly defines the main point of access, making navigation intuitive and memorable for visitors and students alike.



## A35.03

The original school and the new future phases together will significantly increase the number of students, staff, and visitors accessing the campus daily. Without proper planning, this influx could result in congestion on the adjacent highway, posing safety risks for both school attendees and passing motorists.

The development of the master plan, including its new classroom building, necessitates extensive carpool queuing that is strategically designed to be off the highway. This requirement addresses both safety and logistical concerns, ensuring a smooth flow of traffic and enhancing the overall efficiency of student drop-off and pick-up processes.



# A35.04

The new wing is structured into two distinct learning hubs, each containing five general use classrooms, fostering focused student groupings and a sense of community. This hub-based design enhances both teaching and learning experiences while supporting various educational approaches.

Each hub includes interior and exterior collaboration spaces, offering flexible environments for hands-on projects, group work, and creative exploration beyond traditional classrooms. These areas are integral in promoting additional learning opportunities and accommodating diverse educational activities.

In addition to classrooms and collaboration spaces, a dining commons area with a serving kitchen provides a central hub where students can eat, socialize, and further build connections during breaks.

## CHAMP COOPER MIDDLE SCHOOL ADDITION

### FIRST FLOOR PLAN



- 1 DINING COMMONS
- 2 SERVING
- 3 ENTRY/RECEPTION
- 4 WORKROOM
- 5 CLASSROOMS AND COLLABORATION
- 6 OUTDOOR CLASSROOM
- 7 SERVICE YARD

## A35.05

The new building thoughtfully references the existing campus architecture through its use of materials, incorporating brick, metal panels, mass timber and pitched roofs. These elements blend with the original structures, providing a timeless and cohesive aesthetic. The brick offers durability, the metal panels introduce modernity, and the pitched roofs enhance weather resistance while referencing traditional design. This harmonious integration ensures a unified campus appearance. Looking toward the future, this design approach balances respect for the school's architectural heritage with a vision for modern, adaptable spaces that can accommodate evolving educational needs.



Existing School





## A35.06

A defining feature of the building is its emphasis on natural light. Large windows and thoughtfully placed openings bring ample daylight into each space, creating a welcoming and stimulating learning environment that supports student well-being and academic performance.

The design balances clean, contemporary lines with the surrounding campus aesthetic, conveying both progressiveness and harmony. Expansive glass panels at the entrance flood the area with light, reinforcing a sense of openness that continues throughout the interior.

The entrance is designed to be both grand and approachable, making a strong statement while maintaining a human scale. Carefully considered proportions ensure a sense of arrival and importance while remaining inclusive and inviting.



## A35.07

As the campus grows, the entrance establishes a design language that will shape future buildings, characterized by modern aesthetics, natural light, and durable materials. This entry serves as both a welcoming gateway and a foundational component of the evolving campus aesthetic, reflecting the school's values of openness, innovation, and sustainability.

Classroom wings are strategically oriented with broad sides facing north and south to reduce solar heat gain and maximize natural light. North-facing windows provide consistent, diffused light, while south-facing windows are managed to control daylight and minimize heat gain. This thoughtful design fosters a comfortable, well-lit learning environment while promoting energy efficiency.



## A35.08

The dining commons area is designed to be a multifunctional space. Beyond serving as a place for meals, it can be used for school events, assemblies, and extracurricular activities. The openness of the space encourages community engagement and transparency, fostering a sense of inclusiveness and collaboration. This flexibility ensures that the area is utilized to its fullest potential, serving a variety of purposes and promoting a vibrant, connected school community.







## A35.09

The new building demonstrates how budget-friendly materials can be used creatively to shape dynamic spaces for students and the community. Painted exposed prefabricated gang-nail trusses, corrugated metal ceilings, painted concrete blocks, and LVT flooring showcase how functional materials can also be visually appealing.

Exposed gang-nail trusses, painted bright white, add a modern, industrial feel to the interior, turning structural elements into key design features that energize the space.

Painted concrete blocks are strategically used throughout the building, offering a durable, cost-effective solution for walls and partitions while supporting the school's focus on sustainability and efficiency. Their robust nature ensures long-term cost savings and minimal maintenance, making them ideal for a busy educational facility.





## A35.10

The inclusion of both interior and exterior collaboration spaces within each hub allows for a seamless integration of indoor and outdoor learning experiences. Outdoor spaces can be utilized for science experiments, physical education activities, and other interactive learning experiences that benefit from being conducted in an open-air environment. This connection to the outdoors not only enriches the learning experience but also promotes physical health and well-being among students.





## A35.11

Each hub in the new school building is distinctly signified by a brightly painted framing element, creating a vibrant and engaging visual identity for each section. This colorful feature not only enhances the aesthetic but also serves as a navigational aid, helping students and visitors easily identify the hubs.

Ample interior glass is strategically used within each hub to provide visual transparency, promoting an open and connected environment. This design choice allows students and teachers to observe and participate in the exciting activities occurring within the hubs, fostering a sense of curiosity and engagement. The transparent walls facilitate a dynamic learning atmosphere where students feel part of a larger, interconnected community.



## A35.12

The use of extensive glass and open sightlines enables administrators to maintain visual access to multiple areas simultaneously from a single location. This oversight capability enhances the safety and security of the school by allowing staff to monitor activities and quickly respond to any needs. It also supports the creation of clustered learning communities, where students can easily collaborate and interact across different spaces, encouraging a more accountable, integrated and cohesive educational experience.





## A35.13

The collaboration hubs provide versatile breakout spaces for group projects and hands-on learning. Equipped with flexible furniture and modern technology, these areas can be easily reconfigured to accommodate various group sizes and activities.

Designed to foster teamwork and interactive learning, the open layout encourages communication and cooperation—key skills for contemporary learning.

Strategically located within the classroom wings, the hubs are easily accessible, allowing for smooth transitions between traditional instruction and collaborative work. Whether building models, conducting research, or creating presentations, these spaces support a wide range of project-based activities.

