



2018 Facilities Master Plan

Proviso Township High Schools District 209

January 8, 2019



PERKINS
+ WILL

PROVISO TOWNSHIP HIGH SCHOOLS
District 209 – Cook County



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January 8, 2018

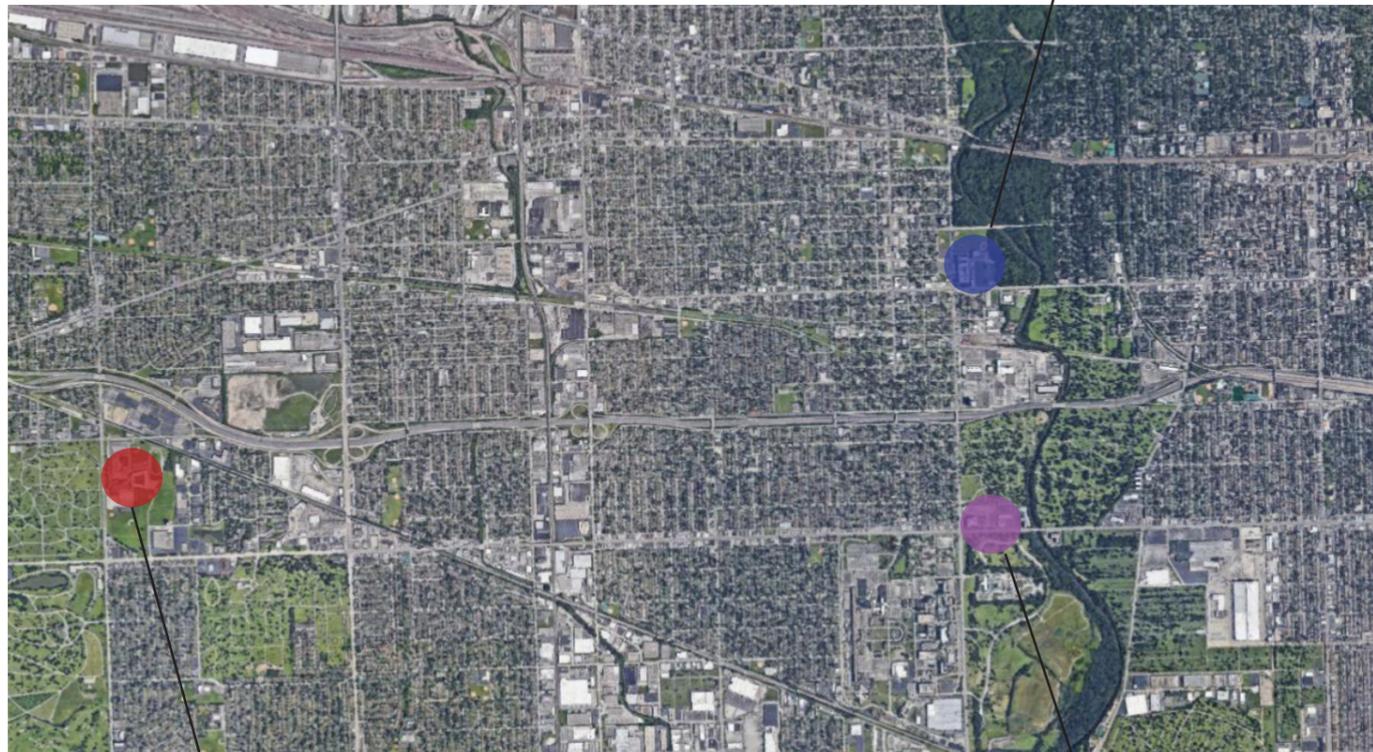
Dear Proviso Township High Schools D209 Community:

The Proviso Township High Schools District 209 (PTHS D209) Board of Education, Superintendent of Schools, and Perkins +Will (District Architects) sincerely thank you for your participation and support during the development and completion of the 2018 Facilities Master Plan (FMP). The FMP could not have been completed without the valuable contributions of the school community. The community outreach process within the development of the Facilities Master Plan was and continues to be integral to our success. Your input is invaluable, and we greatly appreciate the amount of feedback that was received during the community outreach activities. Throughout the community engagement events, we gathered input from over 750 stakeholders who attended at least one of multiple meetings held between July 2017 and December 2018. The meetings focused on educational adequacy, building infrastructure, and site management. We are proud of the community outreach process and the solid foundation it provided in ensuring that the FMP reflects the needs of our community.

One of the most important functions for District leaders is to ensure the District's facilities remain safe, secure, and support the instructional needs of current and future students of PTHS D209. We understand that public schools are an integral part of local communities and look forward to enhancing all learning spaces with innovative and fiscally responsive ideas. For the past 18 months, District leaders have engaged in assessment, research, discussion, and feedback with the community to produce a comprehensive plan with funding options for our district. We are proud to present a roadmap for the future as we create a proactive and sustainable plan in a manner that is sensitive to all members of our school community.

As we continue to enhance our FMP, we will monitor growth and consider our facility options over the next ten years. We are developing a robust facility planning process that will include careful study of instructional and programmatic needs at every school. It is mission critical for our District to provide students with educational opportunities that meet the challenges of a rapidly changing, highly complex, technology-rich dynamic global society. Our students deserve facilities that will maximize their ability to learn, collaborate, create, communicate, and think critically. Our FMP will allow us to achieve these goals at each school in the District while preparing our students for the educational and career opportunities waiting for them upon graduation.

“ONE TEAM, ONE GOAL, ONE PROVISO”



Proviso East High School

Proviso West High School

Proviso Mathematics & Science Academy

Our faculty and staff strive for continuous improvement, as we model high quality leading and learning. Our facilities should match the excellence of our students, faculty, and staff, and reflect the incredible commitment to and support for educational excellence that is demonstrated by the Proviso Township community. Again, we thank you for your commitment to our current and future generations as we continue to provide the highest quality education for all students.

Sincerely,

Jesse J. Rodriguez, Ph.D.
Superintendent of Schools

Ned Wagner
Board of Education President

D209 Board of Education



ONE TEAM, ONE GOAL, ONE PROVISO.

“ONE TEAM, ONE GOAL, ONE PROVISO”

CORE BELIEFS

- High expectations for all students, faculty, and staff yield positive self-worth, responsible behavior, and superior performance.
- All learning environments are positive places to learn, grow, and work.
- Collaboration with students, families, and community partners adds value.
- Leadership, accountability, and transparency are keys to our success.



GUIDING PRINCIPLES

- *Equity*: To remove the predictability of success or failure that currently correlates with any academic or social factor. Interrupt inequitable practices, examine biases, and create inclusive school environments for all.
- *Empowerment*: To create sustainable partnerships in supporting academic achievement for all learners. Distributive and transformational leadership behaviors from all stakeholders stems “from the board room to the classroom.”
- *Excellence*: All learners have access to rigorous content and are held to the mastery supported by opportunities for interventions and/or enrichment. All programs demonstrate a return of investment.

MOTTO

One Team, One Goal, One Proviso:

A unifying framework through which stakeholders collaboratively engage to ensure a world-class education and services that empower all members of the Proviso Community.

MISSION

To provide the highest quality education, where learning, leadership, service, and research-based practices ensure equitable and meaningful opportunities for all students.

VISION

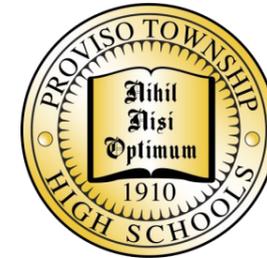
Through expectations of excellence and by providing equitable educational opportunities to empower each student, our graduates are prepared for college, careers and to serve as contributing members of a dynamic global society.

GOALS

 ENHANCE ACADEMIC ACHIEVEMENT

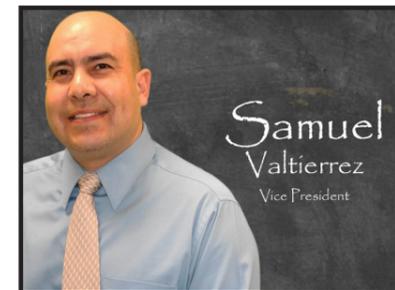
 EMPOWER STUDENTS, FAMILIES, AND COMMUNITIES

 ENSURE EFFECTIVE AND EFFICIENT OPERATIONS



"Nothing But The Best."

D209 BOARD OF EDUCATION



Samuel
Valtierrez
Vice President



Amanda J.
Grant
Secretary



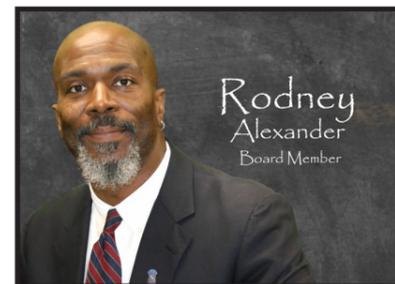
Ned Wagner
BOE President



Arbdella "Della"
Patterson
Board Member



Claudia
Medina
Board Member



Rodney
Alexander
Board Member



Theresa L.
Kelly
Board Member



Jesse J. Rodriguez, Ph.D.
D209 Superintendent

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1.1
Developing the
Master Plan

1.1
The Master Plan Process

What is a Master Plan?

A Facilities Master Plan (FMP) takes a broad look at facilities within a District, assessing those facilities both from a physical and educational delivery viewpoint. The ultimate Master Plan recommends areas for improvement to each facility that provides a long-term view of the facility. While improvements may or may not ultimately take the same form as recommended in the Master Plan, the guidelines established are used to determine how improvements should be made. This safeguards the District from making decisions that will be undone or impede on other, future decisions.

The Master Plan is a living document, intended to be revisited, reviewed and revised every 5-10 years as educational delivery and student population needs evolve within the District.

The Process

The process of establishing a Facilities Master Plan in District 209 has been focused on being an inclusive, evidence-based approach. This has been accomplished through an iterative process in which input was solicited from stakeholders, building users, administration and the Community at large.

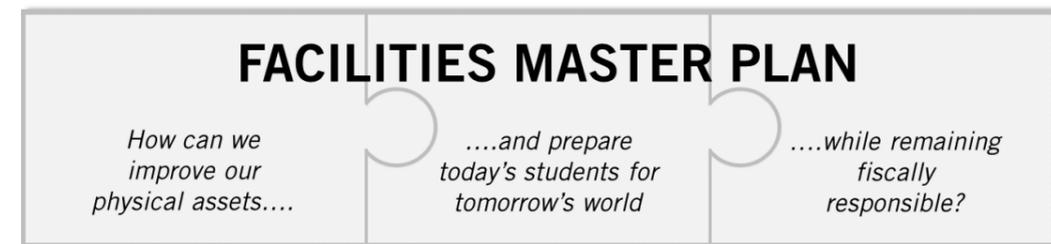
This process began by establishing and affirming the Guiding Principles for the project, qualitative statements that would be used to give the Master Plan direction. These statements and the background behind their development were presented to the public at Community Engagement Session #1 for affirmation.

Using those affirmed Principles as a guide, schools were evaluated on how well equipped they were to meet the educational challenges of contemporary instruction. Those findings were presented to the Steering Committee and formed the basis of the second Community Engagement Session where the Community was asked to prioritize those elements.

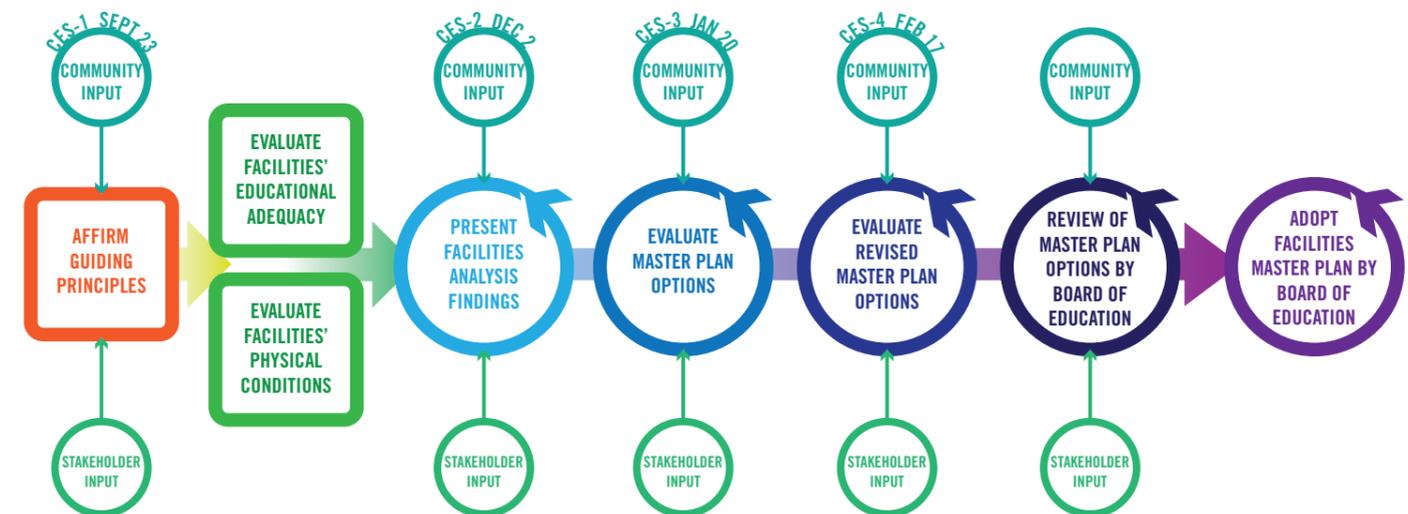
A key takeaway from the second Community Engagement Session was the underlying question of the current allocation of space within the District. That was brought to the Community for further discussion at Community Engagement Session #3 where the utilization, capacity and population demographics were discussed with the Community.

Using feedback from both the Community and User Groups, the initial Master Plan options were presented at Community Engagement Session #4 and further refined and presented at a subsequent Town Hall meeting.

Continued development of the Master Plan diagrams culminated with the production of the enclosed report for consideration by the Board of Education.



What is a Master Plan?



The Master Planning Process

1.2

The Stakeholders

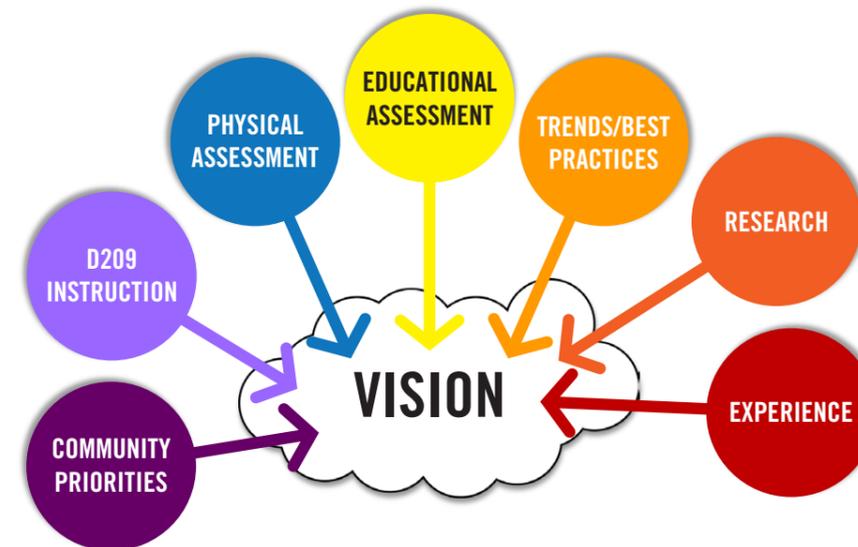
From the beginning, the development of the Facilities Master Plan for District 209 was intended on being an open, transparent process inclusive of all stakeholders. Before any work was completed on any part of the Plan, a stakeholder diagram was developed to clearly articulate the parties to be involved with development of the Plan and the channels for communication available.

Subsequently, a Steering Committee, comprised of Board Members, District Administrators, Building Principals and Building Managers was formed. The intent of this committee was to provide oversight on the development of the Master Plan, to provide feedback on the process of the plan's development and to provide a conduit back to the individual facilities, District Administration, the Facilities Committee and the Board as a whole.

While the Board of Education has the ultimate authority to adopt the Master Plan, the ideas and recommendations held within are fundamentally derived from input from the Community, the Building Users, the Oversight Committee and other groups through Engagement Sessions or other discussions.



The Process



Developing the Vision

1.3 Facilities Evaluation

Building Tours

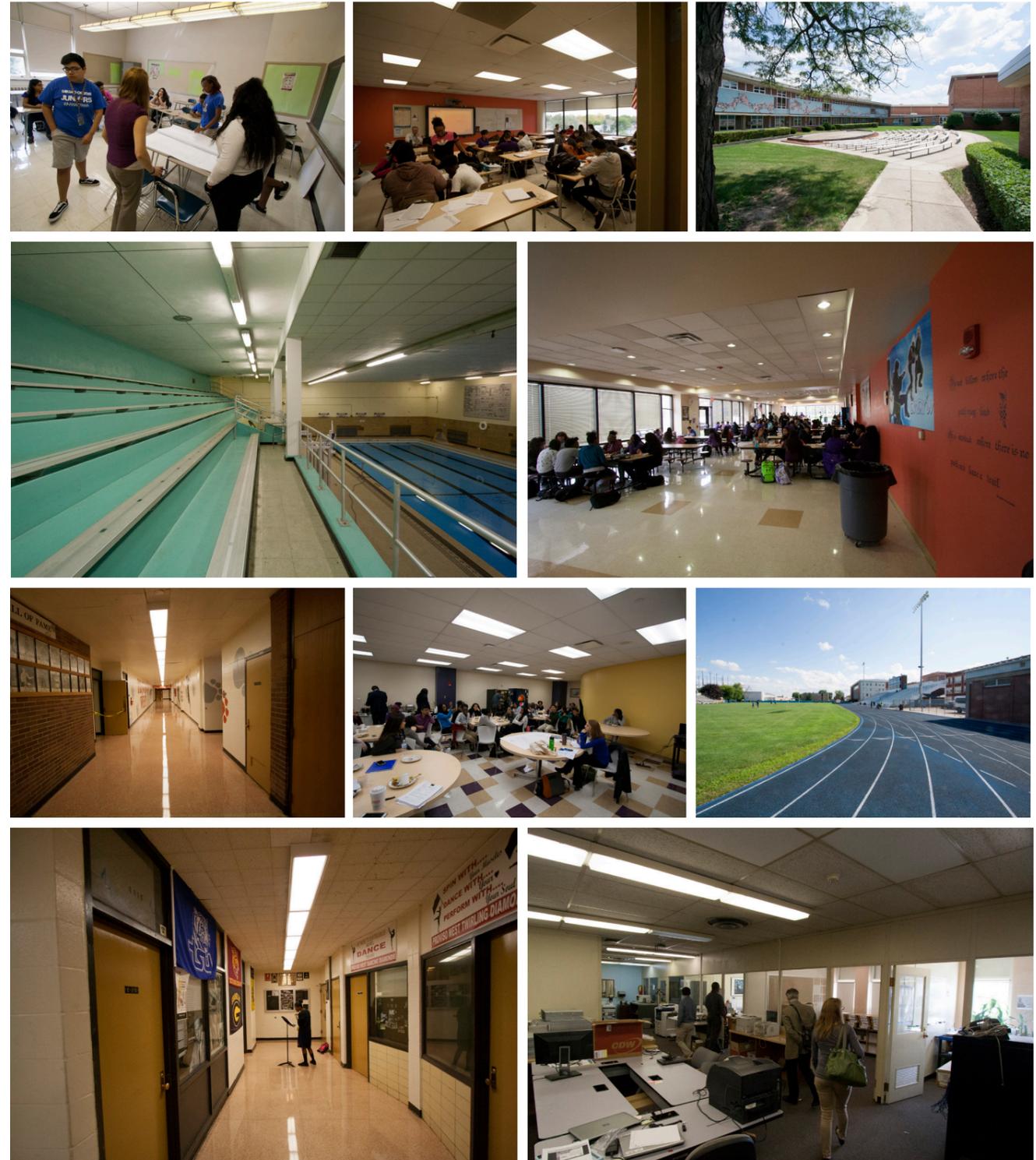
The Design Team, accompanied by District Administration, toured each school building, getting a comprehensive view of the state of facilities within the District. The Team performed these walk-throughs multiple times; Once when the schools were unoccupied, during the end of the summer, to get a basic understanding of the buildings, and several other times when the buildings were occupied to get a better understanding on how the buildings were being used and to observe the educational process in those facilities first hand.

Building Team Discussions

The Design Team discussed facilities with principals and building teams at each school, reviewing existing conditions, areas of concern, successes and shortcomings from their building. Combined with the Design Team observations, these discussions formed the cornerstone to the Master Plan.

Student / Staff Engagement

The Design Team discussed current facilities shortcomings and visions for the future with students, faculty and staff during a number of group and individual discussions. Those observations helped shape the understanding of the current facilities as well as how the facilities could improve to better serve the mission of the District and the needs of the students.



1.4
Engaging the Community

Community Engagement Session #1

The first in a series of community engagement sessions began by reviewing the current state of the District, followed by a discussion of the Master Plan process.

The Guiding Principles, developed with the Steering Committee, were then discussed at length, giving a background to the origin and reasoning behind their development. The community was then asked to confirm if the Guiding Principles met their expectations and provide a rank of importance to determine if there was need for revision.

The Community confirmed that the Guiding Principles met their expectations and were all generally equally ranked, suggesting that they were all of generally equivalent importance.

Community Engagement Session #2

Prior to Community Engagement Session #2, the Design Team conducted exhaustive reviews of the District's schools from both a qualitative side (educational and physical adequacy) and a quantitative side (Utilization, demographics, statistics).

During this Engagement Session, a brief overview of the previous session provided an overview of the 'Future Ready' learning concepts and how this change impacts educational delivery and their related facilities.

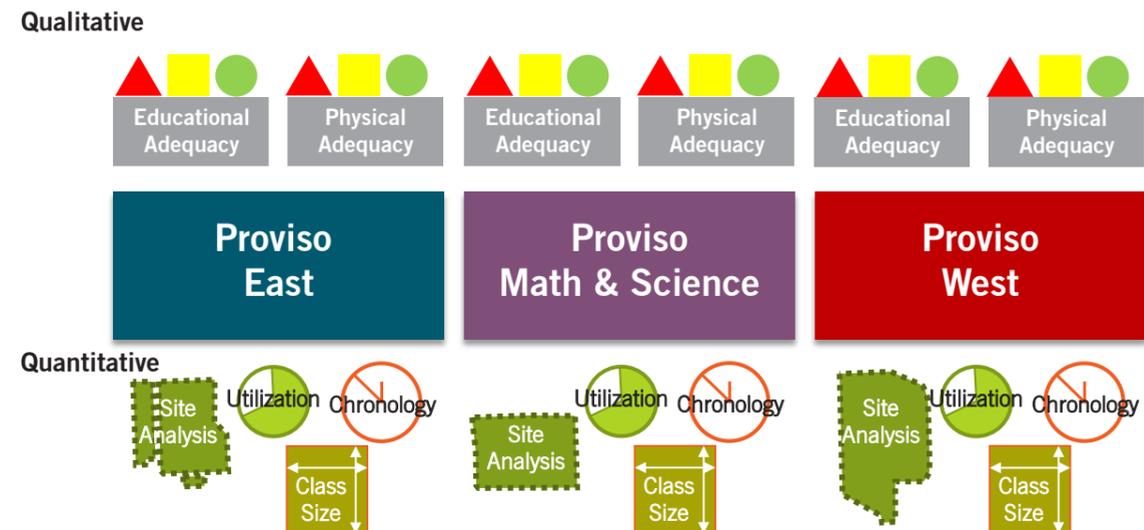
The qualitative and quantitative analysis of the facilities were then presented to provide a side-by-side comparison of the facilities and how they are being used.

From this, the Community was asked to provide input on the information presented and any questions or focus that the Master Plan should take.

All Master Plan decisions should...



Community Engagement Session #1
The Guiding Principles



Community Engagement Session #2
Facilities Analysis

1.4
Engaging the Community (Continued)

Community Engagement Session #3

Based on the input from the Community at the previous session, the fourth Community Engagement Session was structured to allow the Community to discuss the state of the facilities and the basic configuration of the District. After reviewing previous presentations and comparison data, the Community was asked to discuss potential configuration options for the District as a hypothetical.

Community Engagement Session #4

Following the input provided by the Community, Steering Committee and Board after the third Community Engagement Session, preliminary Master Plan options were developed and reviewed with the Community to get input on their priorities. A series of phased diagrams illustrated potential planning approached at each campus which the Community was asked to provide input using red or green dots.

Town Hall Meeting

Following continued development of the Facilities Master Plan with the Buiding Teams, Steering Committee and Board of Education, the Board held a Town Hall to present the current status of the Master Plan and recieve input from the Community on the ideas that comprised that plan.

Community & Stakeholder Input

Between each of the Community Engagement Sessions, the Design Team continued to work with school principals, the Steering Committee and District administrators to review current plans, further develop and refine the process and the proposed plans through a series of conferences, both on-site and. Through this iterative process, the Design Team took the feedback from the Community and stakeholders and, using the Guiding Principles as a filter, incorporated that feedback into what would ultimately become the Master Plan.



Community Engagement Session #3
Focus on Facilities - Conceptual Ideas



Community Engagement Session #4
Concept Design Review



Community Engagement Session: December 5, 2017



Community Engagement Session: January 22, 2018



Community Engagement Session: January 22, 2018



Community Engagement Session: February 27, 2018



Community Engagement Session: February 27, 2018



Community Engagement Session: February 27, 2018



2.1
Proviso East High School



Address	Proviso East High School 807 S 1st Avenue Maywood, IL 60153 (708) 202-1610
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Principal	Dr Patrick Hardy
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Enrollment	1,814 Students
Grades	9 - 12

Building Area	499,020 sq ft
Site Area	46 acres

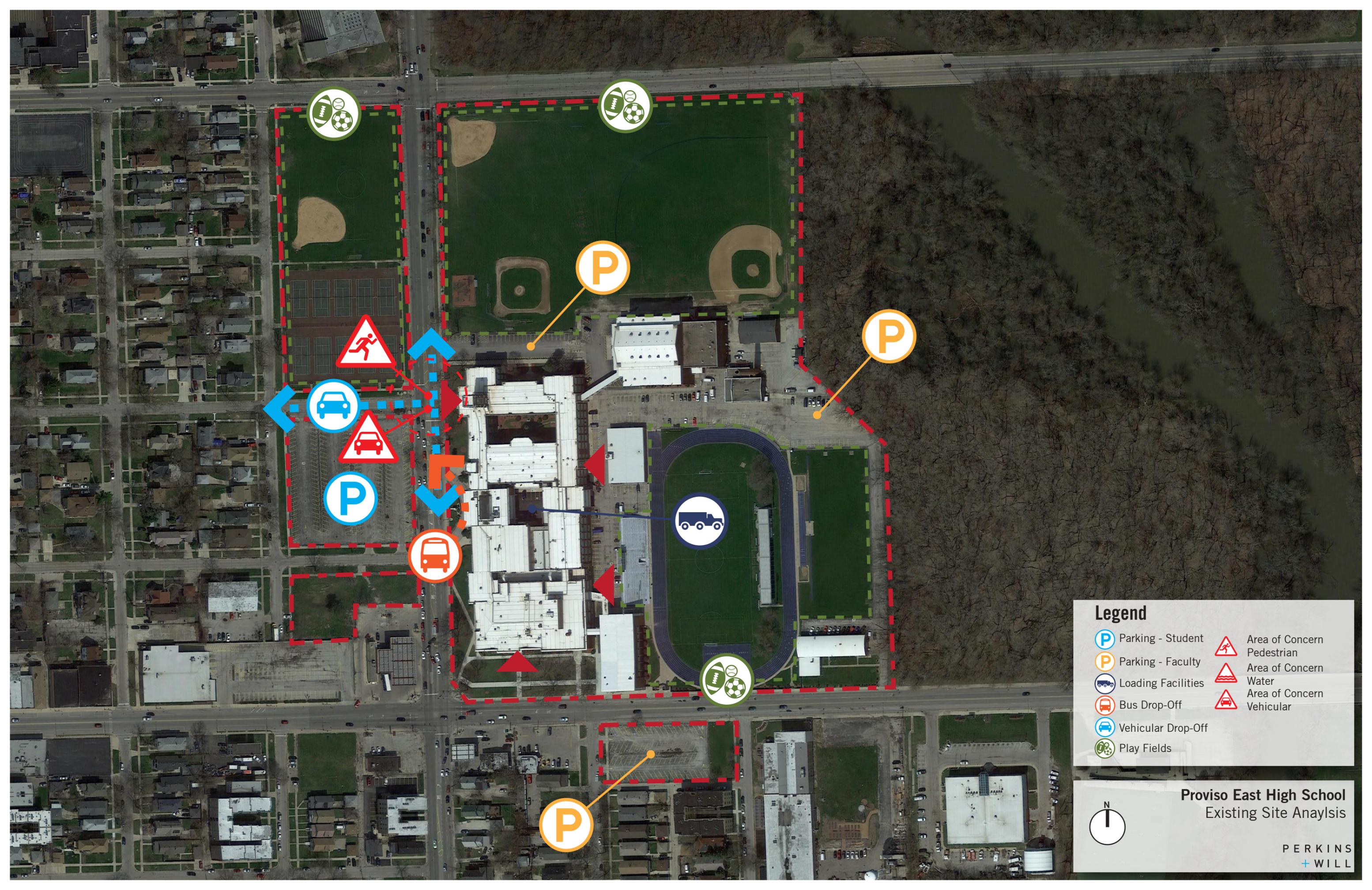
Area/Student	275 sq ft
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History	Established 1911
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Site Analysis

The adjacent page provides a graphic analysis of the Proviso East Site.

The Proviso East site is interrupted by several major local streets that separate parking and athletic fields from the main campus. This leads to potential safety issues as well as traffic control problems during arrival and dismissal.



Legend

Parking - Student	Area of Concern Pedestrian
Parking - Faculty	Area of Concern Water
Loading Facilities	Area of Concern Vehicular
Bus Drop-Off	
Vehicular Drop-Off	
Play Fields	

Proviso East High School
Existing Site Analysis

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Existing Conditions Analysis - Educational Delivery

Site & Building Exterior

Arrival & Dismissal

Parent drop-off and pick up students along First Street and at the main student parking lot across First. Busses drop off and pick up is made along Madison and some special education busses use the circle drive along First Street

Parking

Parking is provided on site for some staff with the remaining staff parking in a separate lot to the south of the building across Madison. Student parking is accommodated in a single lot across First from the main entry. Some street parking is available in the surrounding neighborhood. Some visitor parking is accommodated in the north lot. Service vehicles park in a lot at the center of the building or immediately adjacent to the central plant. Parking quantities appeared to be adequate for staff and visitors. Student parking was well utilized. Condition and separation from the main campus need to be addressed.

Accessibility

Several exterior exits need to be addressed in order to provide accessible access to the building. The main (tower) entry appeared to be accessible.

Outdoor Spaces

There are several play fields on the north side of campus as well as a separated athletic field and tennis courts across First. The main stadium is in the south-east corner of campus. All facilities are in disrepair and need significant improvement.

Within the building there are two courtyards. One dedicated green space is well maintained as a memorial to Proviso East students who served in multiple armed conflicts while the other courtyard is used exclusively for service vehicles and parking.

Existing Conditions Analysis - Educational Delivery

General Building Layout

The main building at PEHS is a three-story building with common functions distributed throughout the building.

The north portion of the building houses the library, on the second floor, administration, both on the first and second floors, other public functions, offices and classrooms. The south portion of the building houses the auditorium, science lab classrooms, physical education facilities and general education classrooms.

There are several out-buildings on campus that house multiple functions. Attached to the main building is the fieldhouse to the north-east which houses a majority of the building's physical education facilities. To the south-east, also attached to the main building, Memorial Hall houses additional physical education facilities as well as performing arts facilities. At the south-east corner of the building is a separated structure that houses the auto program. Other out buildings include a transportation building, central plant, locker facilities for the stadium and multipurpose buildings adjacent to the stadium.

Generally, the out-buildings are in need of improvements to their physical plant.

Building finishes are generally consistent with the age of the building and although they are well maintained, they are in need of significant improvement.

Building circulation corridors appeared adequately sized for the number of students moving through the building. However, vertical circulation areas at the main entry pose a choke point for students entering and moving about the building.

Academic & Other Spaces

Consistent with the age of the building, classrooms are generally considered to be poorly sized throughout the building with notable exceptions at the newer portions of the building. There are a number of classrooms that are buried and receive no natural light throughout the building.

Science classrooms are generally in need of improvement in both size and equipment.

Administrative and support service offices appeared adequately sized.

The Auditorium appeared adequate for the building, however, the location was less than ideal.

Indoor physical education facilities are spread throughout the facilities and would benefit from consolidation and renovation.

Library

The Library is located on the second floor in the north portion of the building. The space is a highlight for the building, however, the facilities are in need of improvement to match with current educational delivery approaches.



Classroom



Student Circulation



Library



Existing Conditions Analysis - Educational Delivery

Technology

Technology access was limited to specialized areas of the building. Future plans call for an expansion of access to technology for all students.

Storage

Facility storage was not described as inadequate.

Fixtures, Furniture & Equipment

Classrooms were equipped with furniture of age appropriate scale. Furnishings were generally heavy and inflexible, although some efforts had been made to retrofit tables/chairs to make them more mobile.



Building Security

Main exterior entry doors were generally locked. Surveillance systems were installed but could use expansion.

Upon entry to the building, students and visitors enter an open vestibule and proceed to a security desk and are directed through metal detectors. A visitor identification system is used at the security desk. There are no physical barriers to entry. Entry during arrival period is scattered to several locations due to the nature of the building.

The building is configured to allow for minimal isolation of public spaces during special events.

Classroom locksets are a variety of vintage with several that are still non-accessible.

No access control system is provided throughout the building or on the building grounds. Main circulation spaces and common spaces are mostly covered by a closed circuit surveillance system. Building wayfinding signage needs improvement.





Locker Room



Auditorium



Gymnasium

Existing Conditions Analysis - Educational Delivery

Environmental Quality

Lighting

Classroom lighting was provided by suspended, antiquated 2x4 florescent lighting fixtures with troffer diffusers. No indirect lighting is provided.

Natural Light & Ventilation

Most classrooms have access to natural light of varying quality and quantity, however, a large number of standard and specialty classrooms do not have access to natural light or views. Some Windows have operable vents for natural ventilation, some individual rooms have window air conditioning units.

Heating is provided through a central radiant heat system. There is no central cooling. There is no central general ventilation systems.

Acoustics

Acoustic control in classrooms was provided by 1x1 spline or adhered acoustic ceiling tile system.

Controllability of Systems

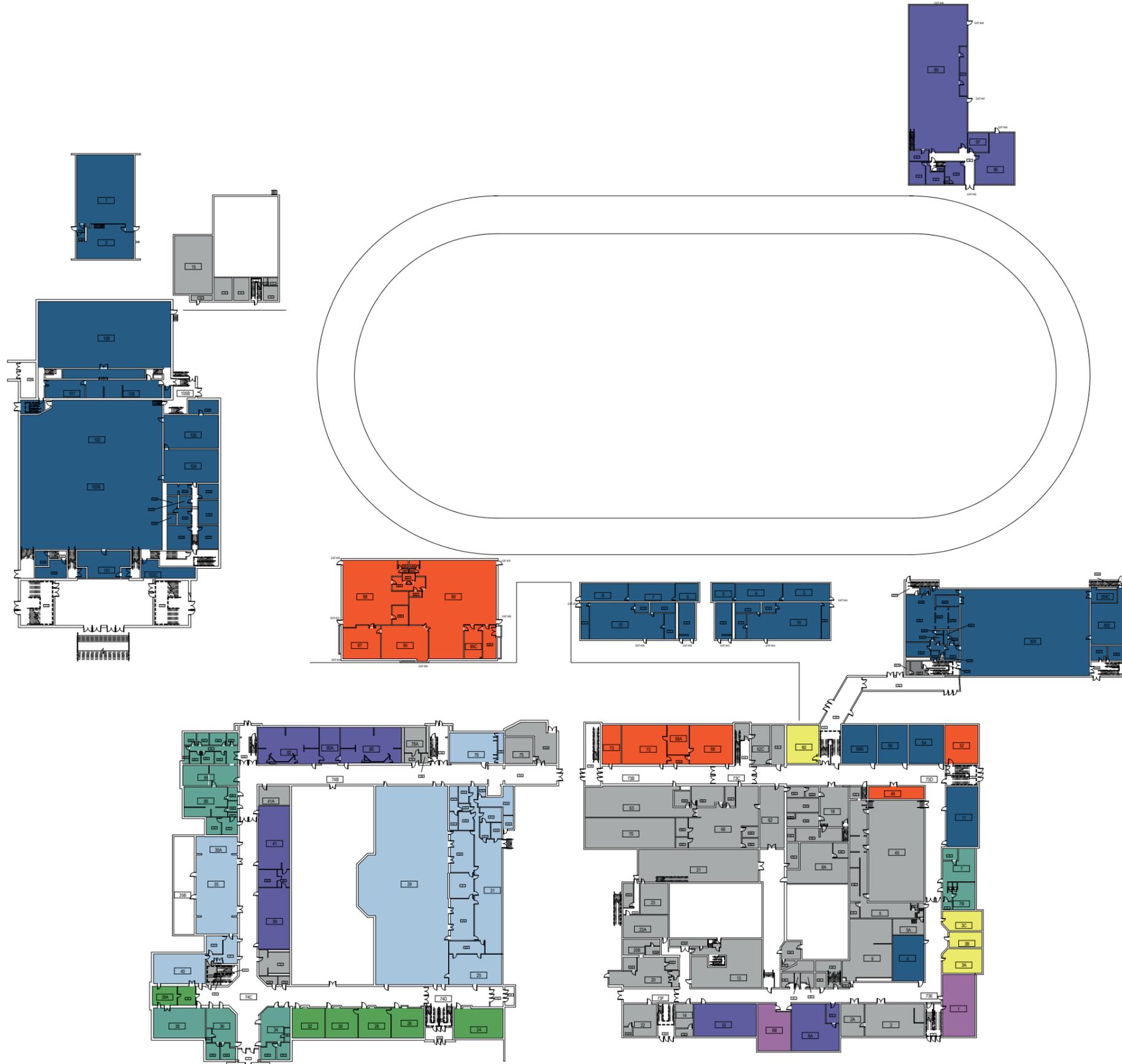
The classrooms appear to have limited access to controls for the mechanical systems.

Lighting is controlled by ganged switches at the front of each classroom.

Building Organization

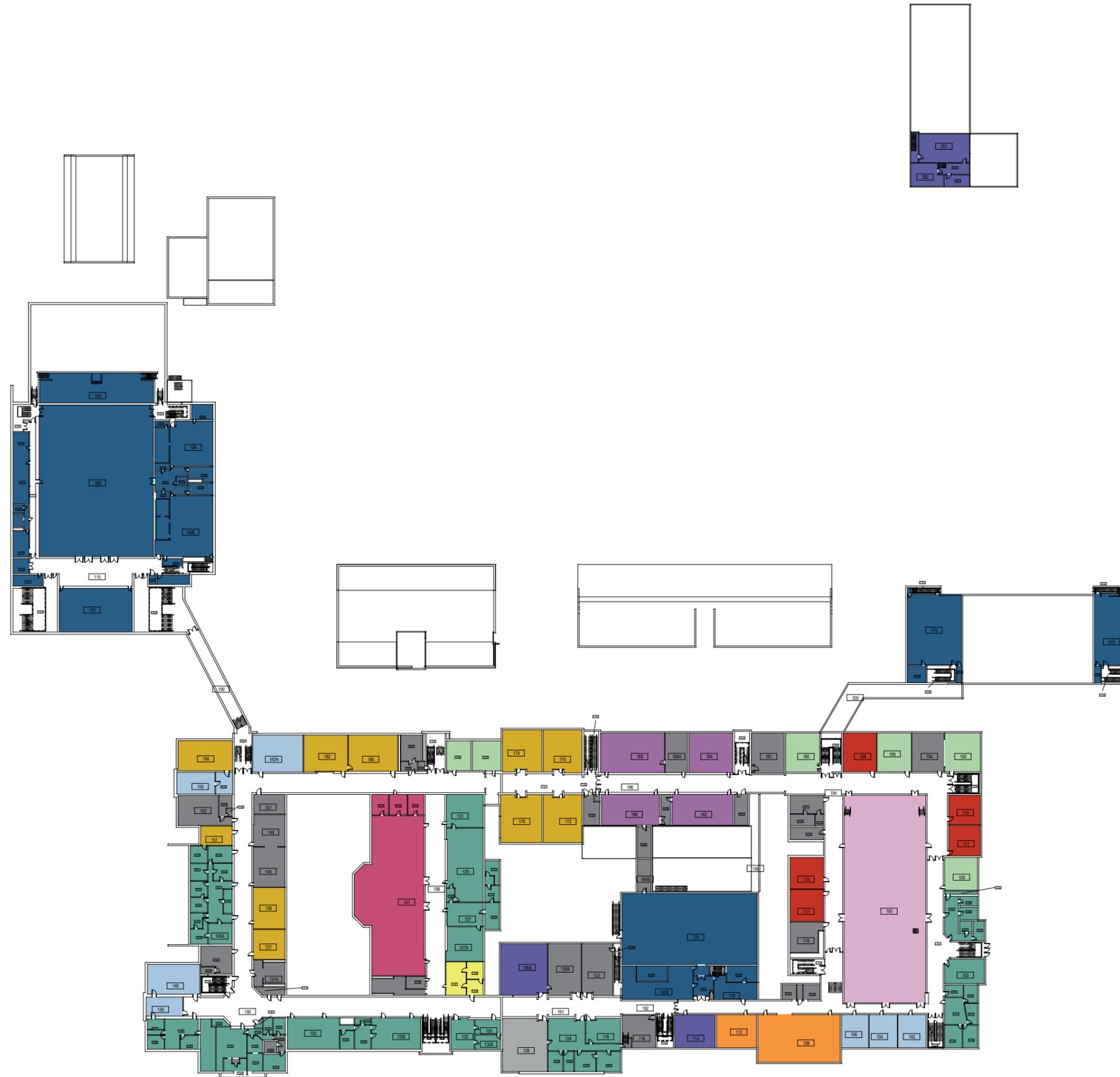
The adjacent page diagrams the distribution of facilities through the building.

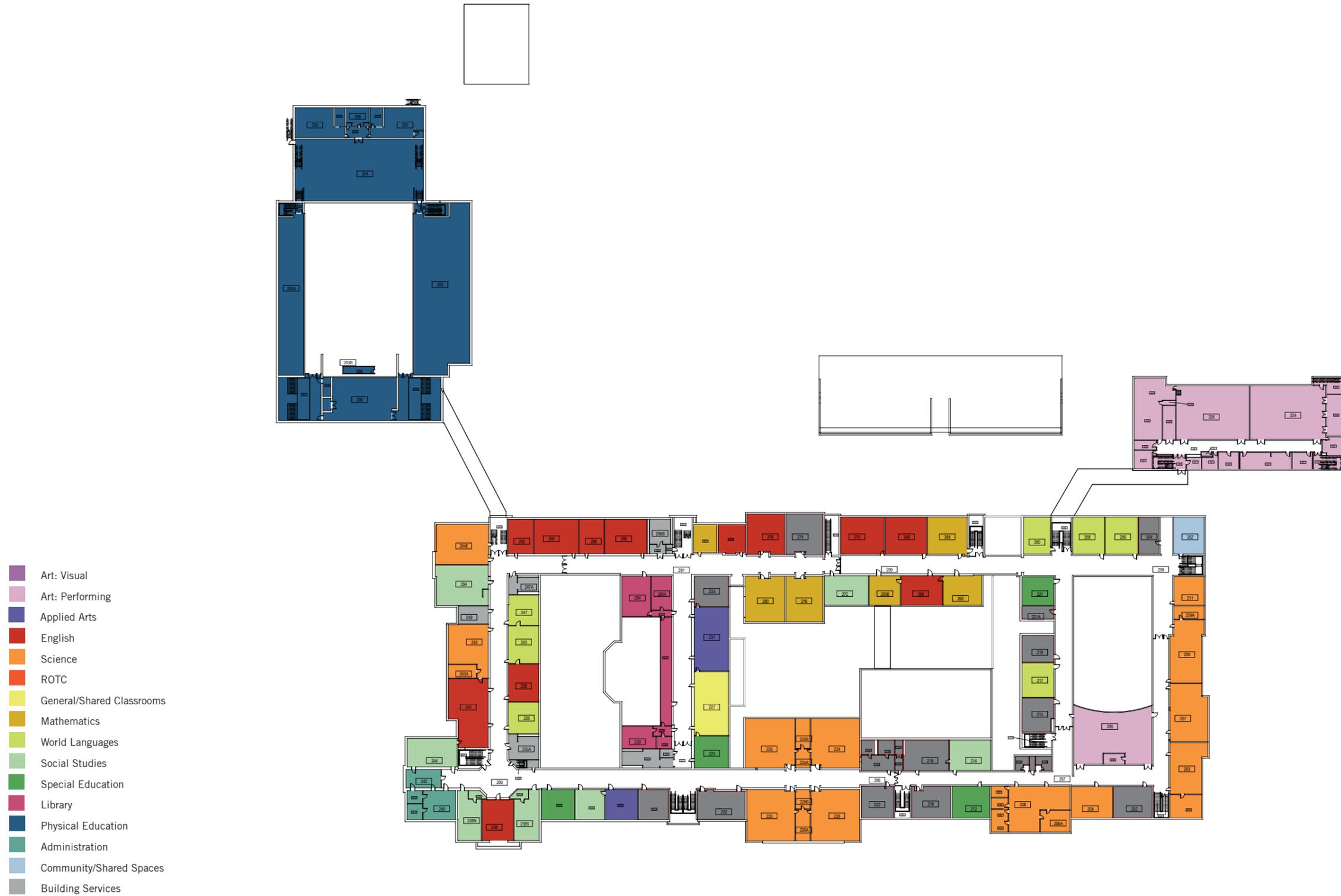
Proviso East is in a transition from departmental organization to an Academy based organization model. Physical education facilities are spread across the campus as are other common elements. Academic facilities are located throughout the main building with an auto shop housed in an out-building on site. There are numerous independent structures on the campus that serve as operations facilities.



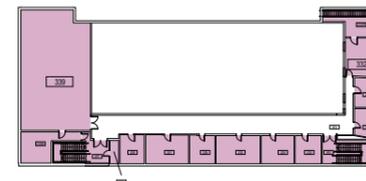
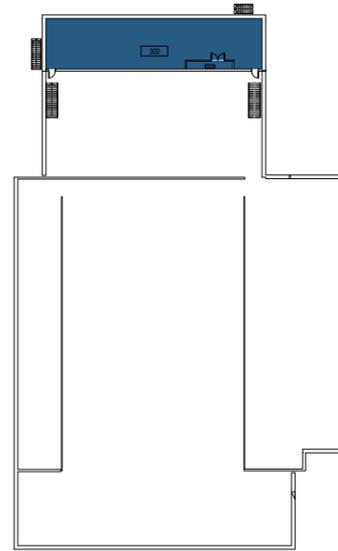
- Art: Visual
- Art: Performing
- Applied Arts
- English
- Science
- ROTC
- General/Shared Classrooms
- Mathematics
- World Languages
- Social Studies
- Special Education
- Library
- Physical Education
- Administration
- Community/Shared Spaces
- Building Services

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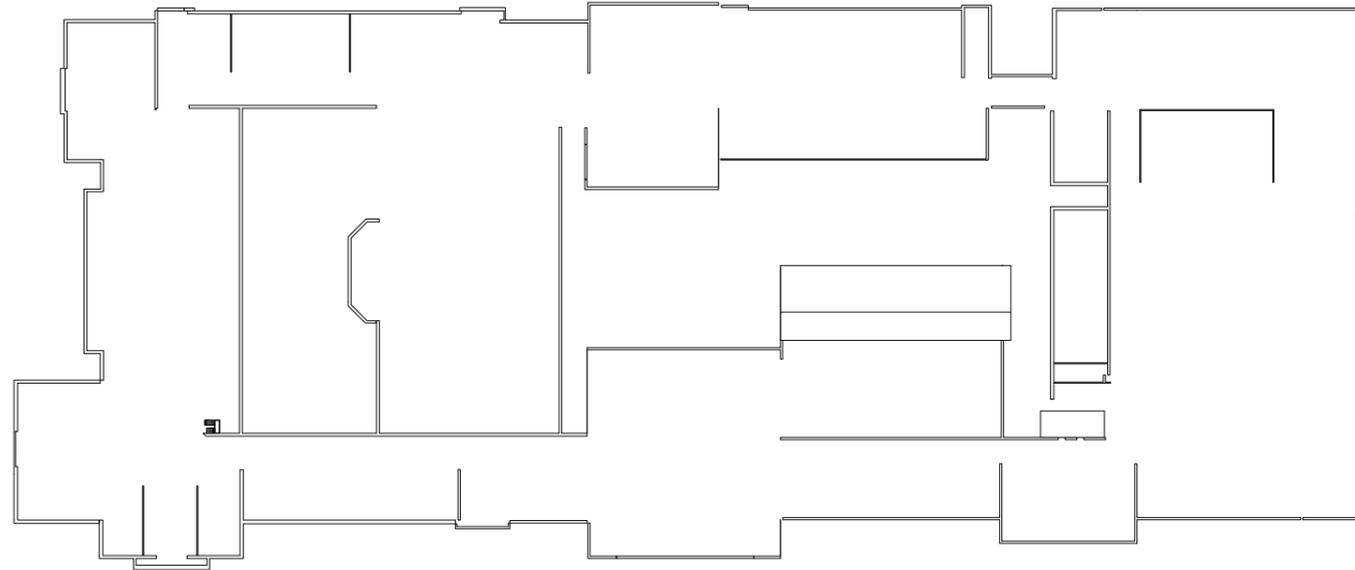




Township High Schools District 209
Proviso East High School
Existing Conditions
Organizational Plan - Third Floor



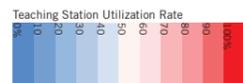
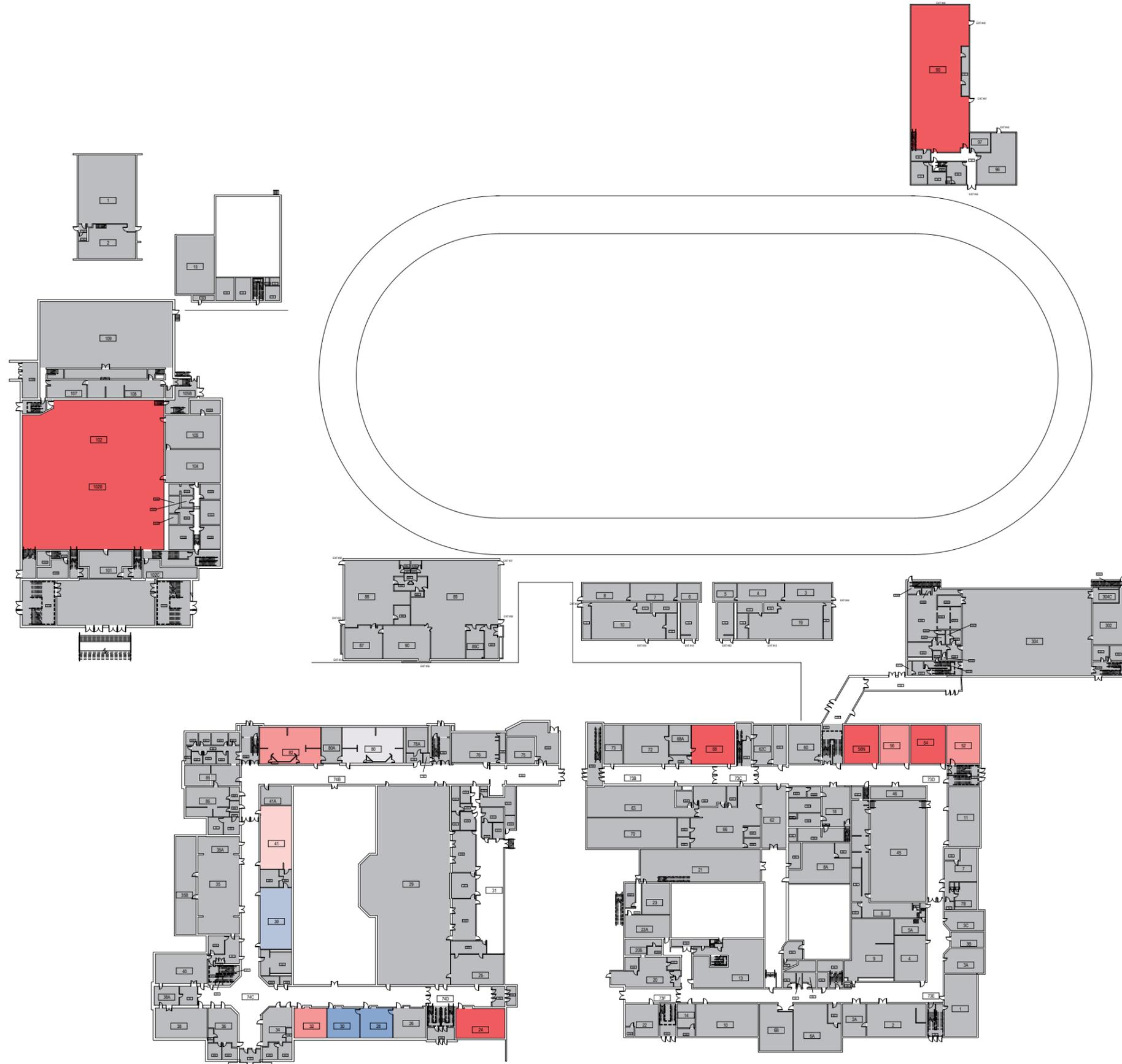
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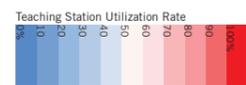


Utilization Analysis

The following pages map out teaching station utilization. Specialty classrooms are generally shown with a lower utilization rate, while standard classrooms and gymnasiums are highly utilized.

Note: This is a snapshot of building utilization for the 2017-2018 academic year and will fluctuate by year.





Proposed Master Plan Improvements - Site Plan Phase 1

The proposed improvements were determined through continued input from the staff, faculty, administrators and community members and observations of existing educational delivery in the school. A component based approach to the master plan allows for implementation of separate pieces without needing to tackle all of the plan at once.

Individual components are referenced below and the adjacent site plan. The site plan shown is broken into a potential sequencing approach based on a logical progression of projects.

- 1.1** Relocate student parking from across First Avenue to improve safety and provide dedicated parent drop-off and pick-up areas. Update and relocate faculty/staff parking to the main campus to improve safety and connection as well.
- 1.2** Relocate and reconstruct stadium to accommodate new parking and future facilities and improve facilities. Relocate CTE programs to main building
- 1.3** Reconstruct Tennis Courts in place. Renovate athletic fields to deal with drainage issues and field conditions.
- 1.4** Provide elongated dedicated bus drop-off area along First Avenue.

EAST P1

1.3
Tennis Court Reconstruction
Update and reconstruct Tennis Courts in place

1.4
Bus Drop-off / Pick-up
New dedicated bus drop-off & pick-up area

1.1
North Parking Relocation
Move Student Parking across First Avenue to Improve Safety & Access

1.3
Athletic Field Renovation
Update and reconstruct athletic fields on north campus

1.1
Fieldhouse Parking
Reconstruct Existing Parking on Site

1.2
Stadium Reconstruction
Right-size facilities and replace with improved

1.1
South Parking
Relocate Parking across Madison to improve Safety & Access

STUDENT/
VISITOR
PARKING
207 SPACES

FACULTY / STAFF
PARKING
48 SPACES

FACULTY / STAFF
PARKING
118 SPACES

FACS

FACS

CTE

PROVISO

EAST

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October 11, 2018

PARKING



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Proposed Master Plan Improvements - Site Plan Phase 2

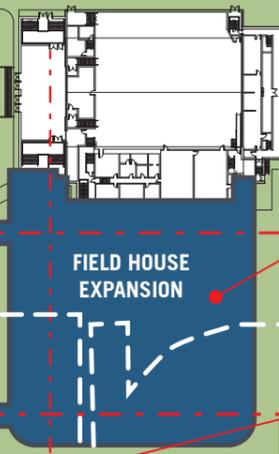
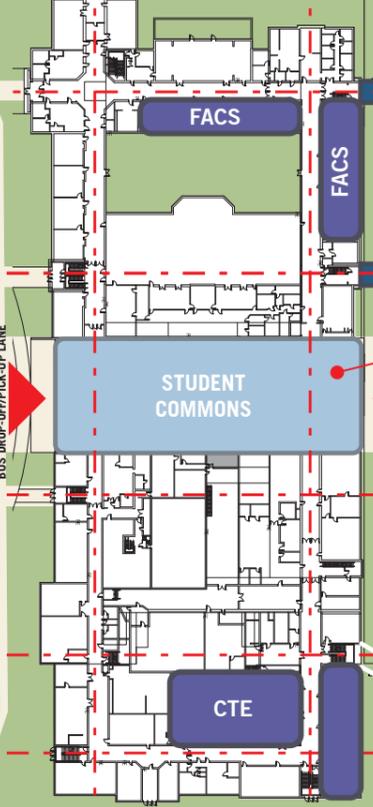
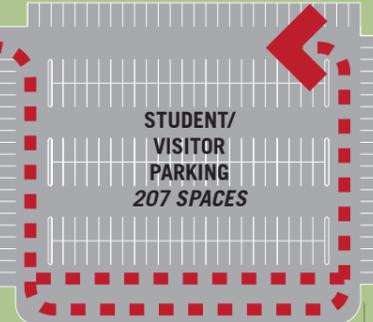
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- 1.5** Demolish Memorial hall, consolidate PE facilities at new Fieldhouse Expansion, move performing arts facilities into main building. Provide expanded staff/faculty parking and stadium parking
- 1.6** Publicly accessible and school usable play fields and walking track with adjacent playground.
- 2.6** Recapture central courtyard for student common facilities. Relocate secured main entries to new commons.

EAST P2

1.6 Publicly Accessible Facilities
Provide publicly accessible play facilities & playground



1.5 Fieldhouse Expansion
Consolidate and expand PE facilities

2.6 Student Space
Create Central Student & Public
Gathering Space & Secured Entries



1.5 Memorial Hall Demolition
Demolish Memorial Hall, expand
parking, consolidate performing arts
and PE facilities

DRAFT
October 11, 2018



Proposed Master Plan Improvements - Site Plan Phase 3

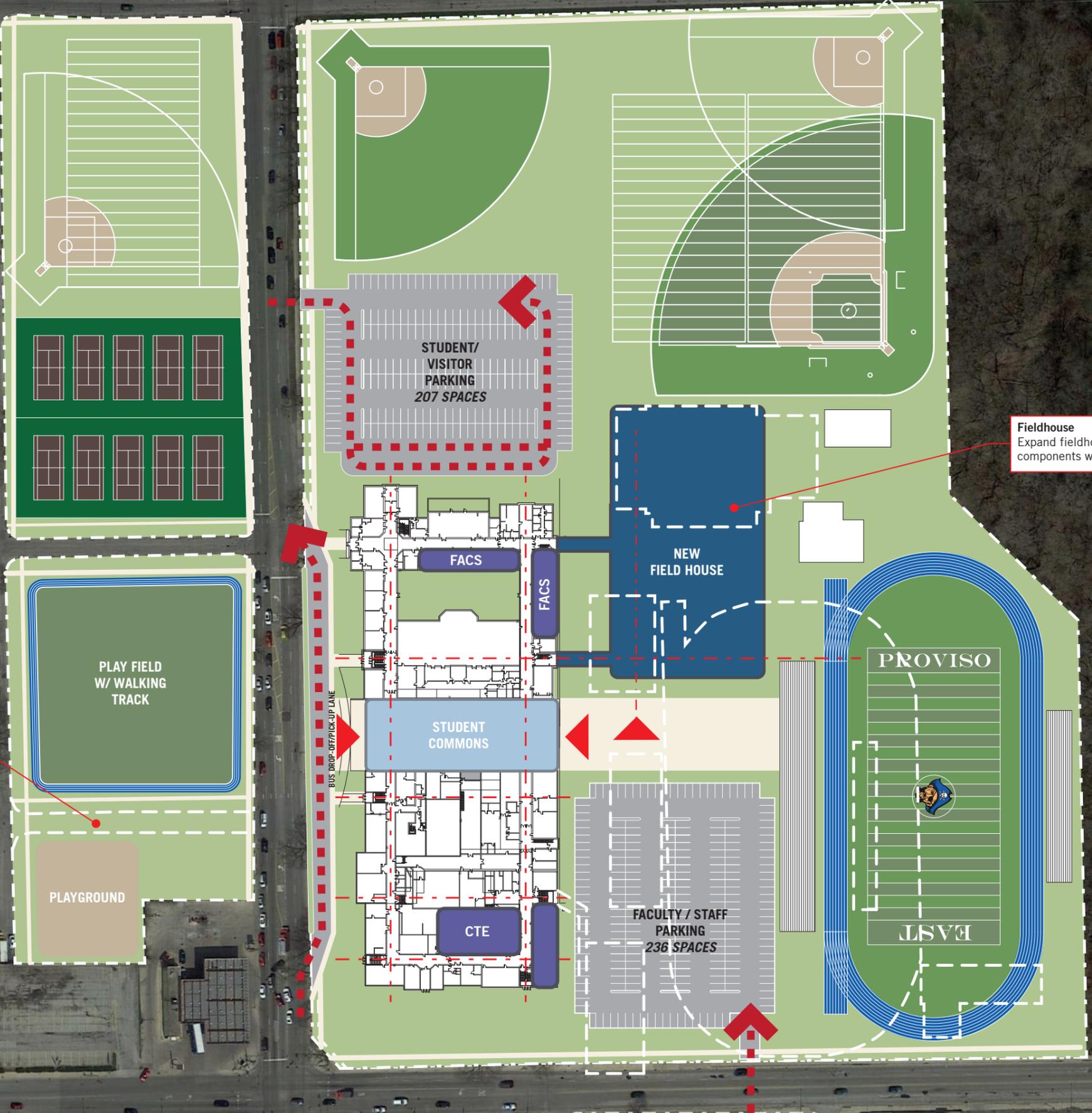
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- X.1** Seek dedication of right-of-ways that separate PE and practice fields west of campus to consolidate those facilities.
- X.2** Consider replacement of existing fieldhouse to provide more adequately sized, accessible PE and athletic facilities.

EAST P3

Seek Dedication of Right-of-Way
Consolidate parcels and make more usable through dedication where possible



Fieldhouse
Expand fieldhouse replace aged components where necessary

DRAFT
October 11, 2018

Proposed Master Plan Improvements

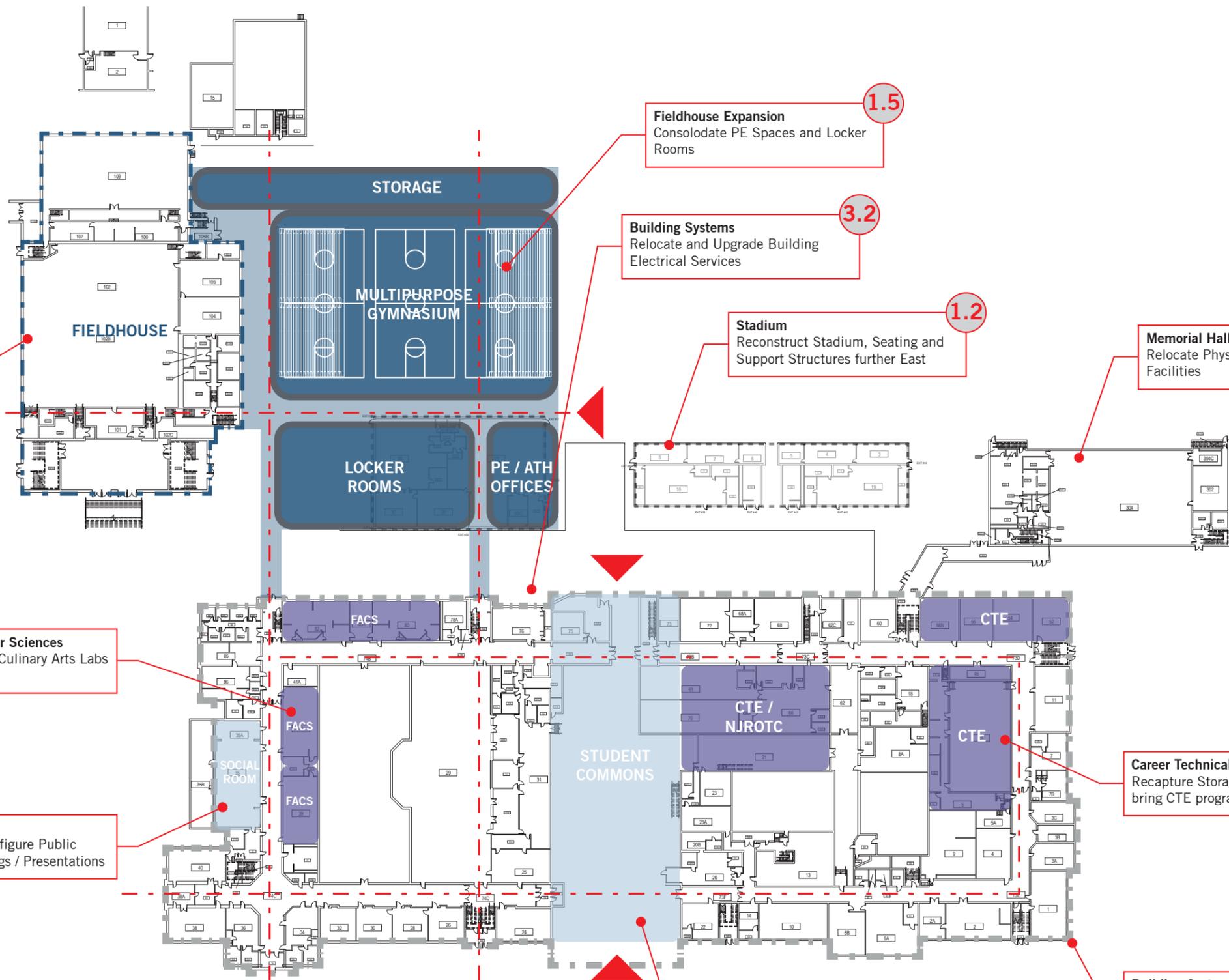
The proposed improvements were determined through continued input from the staff, faculty, administrators and community members and observations of existing educational delivery in the school. A component based approach to the master plan allows for implementation of separate pieces without needing to tackle all of the plan at once.

Individual components are referenced below and the adjacent floor plan.

- 1.2** Relocate and reconstruct stadium to accommodate new parking and future facilities and improve facilities. Relocate CTE programs to main building
- 1.5** Demolish Memorial hall, consolidate PE facilities at new Fieldhouse Expansion, move performing arts facilities into main building. Provide expanded staff/faculty parking and stadium parking.
- 2.1** Renovate existing Fieldhouse in place, update locker rooms, maximize storage where possible. Improve accessibility.
- 2.2** Recapture interior space for additional CTE programs.
- 2.4** Update Family & Consumer Sciences and Culinary Arts labs
- 2.6** Recapture central courtyard for student common facilities. Relocate secured main entries to new commons.
- 2.10** Update and reconfigure Public Room to allow for more flexible large group and public use.



PROVISO EAST



2.1
Renovate Fieldhouse
 Update locker rooms, maximize storage

1.5
Fieldhouse Expansion
 Consolidate PE Spaces and Locker Rooms

3.2
Building Systems
 Relocate and Upgrade Building Electrical Services

1.2
Stadium
 Reconstruct Stadium, Seating and Support Structures further East

1.5
Memorial Hall
 Relocate Physical Education Facilities

2.4
Family & Consumer Sciences
 Update FACS and Culinary Arts Labs

2.10
Social Room
 Update and Reconfigure Public Room for Gatherings / Presentations

2.2
Career Technical Education
 Recapture Storage/Service Space to bring CTE programs into Building

2.6
Student Space
 Create Central Student & Public Gathering Space & Secured Entries

3.1
Building Systems
 Provide Phased Air Conditioning Improvements, including lighting, acoustics, fire protection

- Art: Visual
- Art: Performing
- Applied Arts
- English
- Science
- General/Shared Classrooms
- Mathematics
- Multimedia
- World Languages
- Social Studies
- TPI/ESL
- Special Education
- Library
- Physical Education
- Administration
- Community/Shared Spaces
- Building Services

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- 2.1** Renovate existing Fieldhouse in place, update locker rooms, maximize storage where possible. Improve accessibility.
- 2.7** Update Library for Future Ready Learning strategies, provide technology connections and individual/small group study opportunities.
- 3.1** Provide Phased Air Conditioning and classroom improvements, beginning with third floor.



PROVISO EAST

- Art: Visual
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2.1
Renovate Fieldhouse
 Update locker rooms, maximize storage

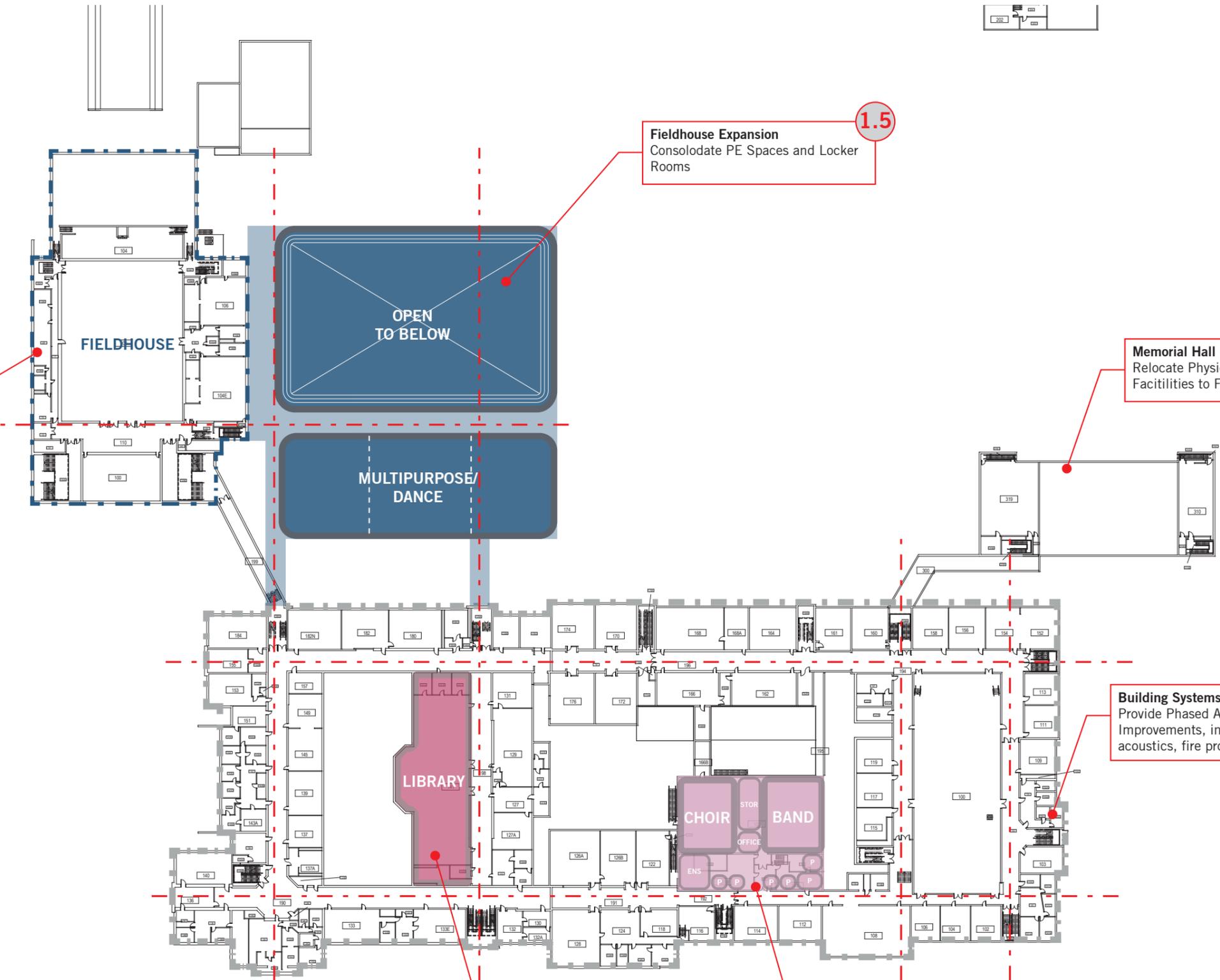
1.5
Fieldhouse Expansion
 Consolidate PE Spaces and Locker Rooms

1.5
Memorial Hall
 Relocate Physical Education Facilities to Fieldhouse

3.1
Building Systems
 Provide Phased Air Conditioning Improvements, including lighting, acoustics, fire protection

2.7
Library
 Update and Renovate, Provide Flexible Space and Technology

1.5
Performing Arts
 Relocate from Memorial Hall; Provide Adequate Sound Control



Proposed Master Plan Improvements

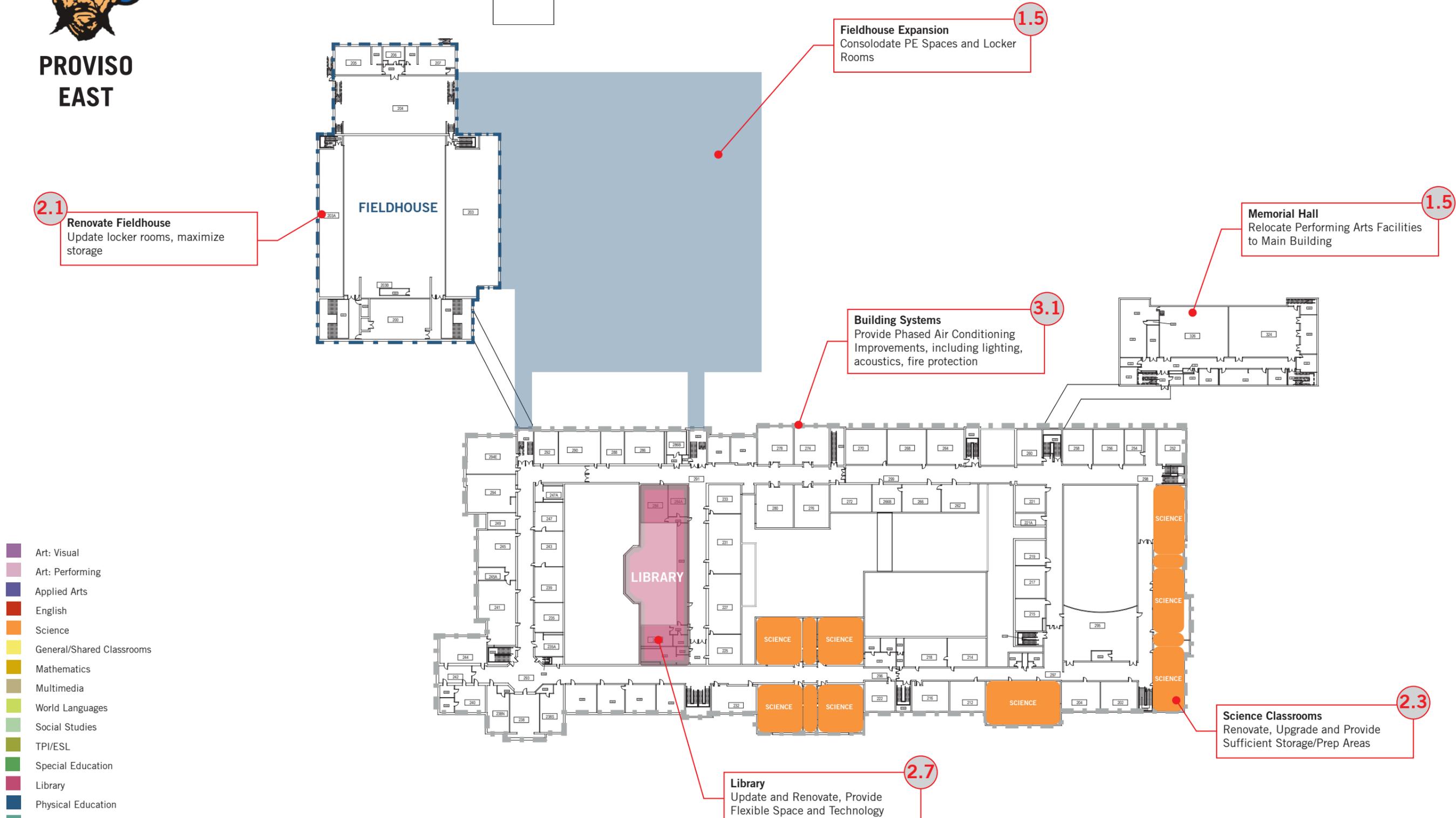
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Individual components are referenced below and the adjacent floor plan.

- 1.5** Demolish Memorial hall, consolidate PE facilities at new Fieldhouse Expansion, move performing arts facilities into main building. Provide expanded staff/faculty parking and stadium parking.
- 2.1** Renovate existing Fieldhouse in place, update locker rooms, maximize storage where possible. Improve accessibility.
- 2.3** Renovate, upgrade Science Classrooms. Provide adequate equipment and storage/prep areas.
- 2.7** Update Library for Future Ready Learning strategies, provide technology connections and individual/small group study opportunities.
- 3.1** Provide Phased Air Conditioning and classroom improvements, beginning with third floor.



PROVISO EAST



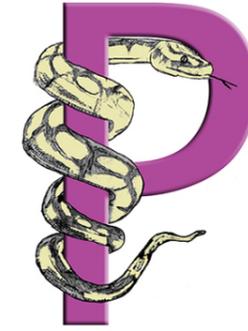
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ARS

2.2 Proviso Math & Science Academy

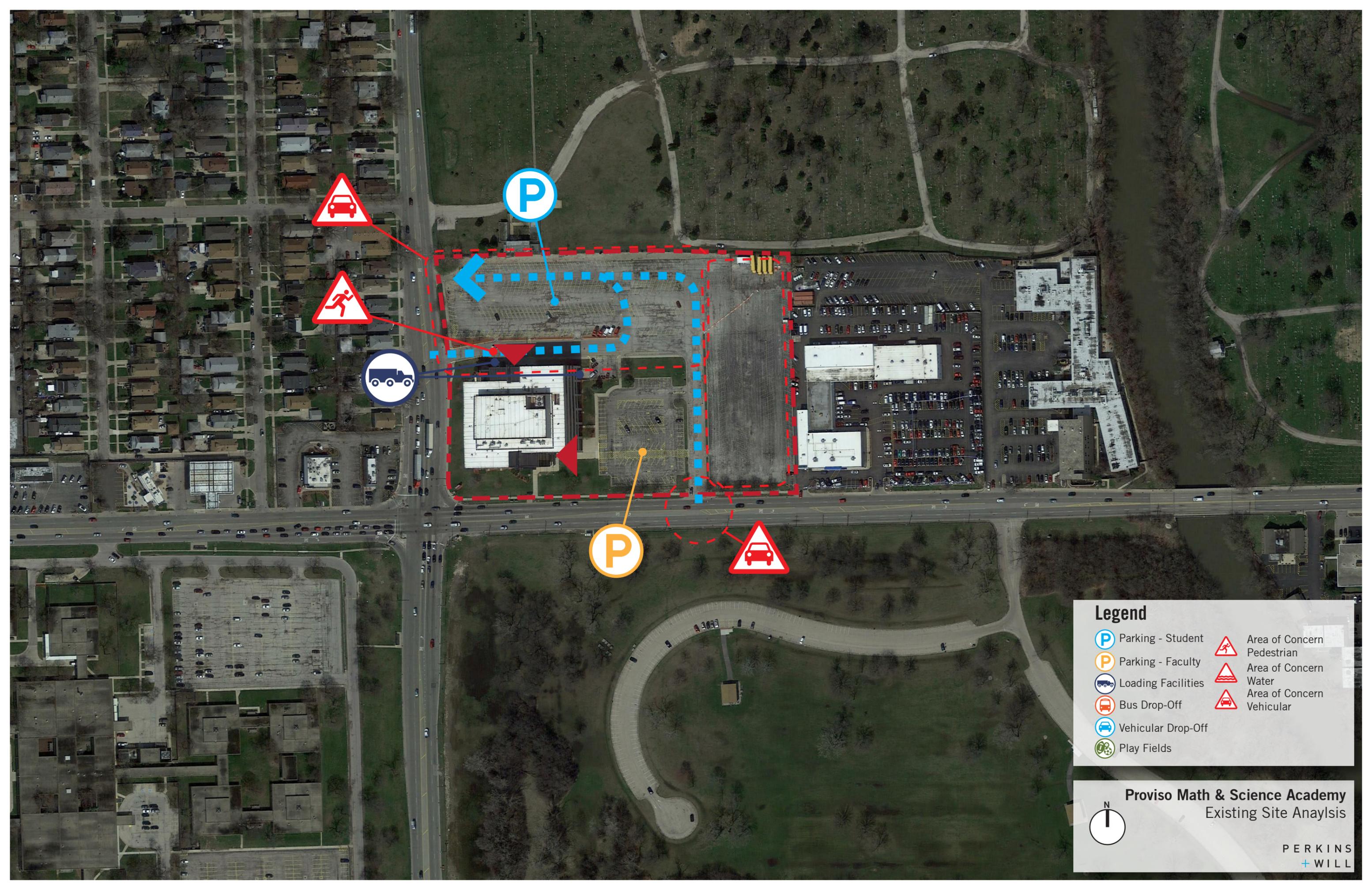


Address	Proviso Math & Science Academy 8601 West Roosevelt Road Forest Park, IL 60130 (708) 338-4100
Principal	Dr Bessie Karvelas
Enrollment	790 Students
Grades	9 - 12
Building Area	225,020 sq ft
Site Area	8.5 acres
Area/Student	285 sq ft
History	2005 - Additions & Renovations

Site Analysis

The adjacent page provides a graphic analysis of the Proviso Math & Science Academy Site.

The PMSA site is located at a busy intersection of two major roads, Roosevelt Road and First Avenue. The building operated as a former administrative office building for nearby Loyola University Medical Center. As such, the surface of the site is devoted to parking and does not have any green space for outdoor activities or physical education. The Forest Preserve across Roosevelt serves those purposes but requires students to cross Roosevelt to access.



Legend

- Parking - Student
- Parking - Faculty
- Loading Facilities
- Bus Drop-Off
- Vehicular Drop-Off
- Play Fields
- Area of Concern Pedestrian
- Area of Concern Water
- Area of Concern Vehicular



Proviso Math & Science Academy
Existing Site Analysis

Existing Conditions Analysis - Educational Delivery

Site & Building Exterior

Arrival & Dismissal

Students arrive exclusively by car to the site. Parent drop-off and pick up occurs at the main entry on the north side of the building. The location of the entry is close to the First Avenue street entrance which causes a substantial congestion issue on the major roads surrounding the building. Additionally, the lack of dedicated left turn lane to the facility causes circulation issues on First Avenue.

Activity busses pick up and drop off students at the main entry.

Parking

Student and visitor parking is housed in the north parking lot. The condition of the lot is deteriorating and needs substantial repair. Staff & Faculty park both on the north side of the building and in a dedicated lot on the east side of the building. Parking quantity provide appears adequate for both students and staff.

Accessibility

All exterior exits appeared to be accessible.

Outdoor Spaces

There is a distinct lack of outdoor PE/Practice space for the campus. A majority of the site is paved to accommodate the former office building. Some paved space should be dedicated for future green space. The buffer between the building and the adjacent roads should also be revised to improve this condition.

Existing Conditions Analysis - Educational Delivery



Corridor

General Building Layout

PMSA is a five story converted office building with common functions distributed throughout the building.

The lower level houses fine and performing arts facilities as well as an abandoned physical education facility. The first floor houses the building main entry, administrative functions, cafeteria and auditorium. The second floor houses the remaining physical education facilities, building administration and general education classrooms. Floors three and four house general education classrooms while floor five houses District Administration and other classrooms.

Building finishes are generally consistent with the age of the building and are well maintained. Some updating of common finishes is warranted.

Building circulation corridors appeared adequately sized for the number of students moving through the building. However, vertical circulation provides the most difficult in the building.

Academic & Other Spaces

Classrooms are generally considered to be adequately sized throughout the building with notable exceptions. There are a few classrooms that are buried and receive no natural light throughout the building.

Science classrooms are well sized and configured with fixed casework along the perimeter with instructional space at the front of the classroom.

Administrative and support service offices appeared adequately sized.

The Auditorium appears undersized and has significant sightline and acoustic issues.

Indoor physical education facilities are undersized and poorly configured and do not provide adequate space for the programs needed.



Open Common Areas

Future Ready Learning

Collaborative Space

Open common areas are provided at each floor, however, programming and use of these spaces remains difficult.

Display Space

Hallways provided limited spaces for display of 2-d or 3-d elements.

Library

The Library is located on the third floor of the building. This location positions the Library generally in the middle of the building, but does not provide a connection to the student commons or other common areas of the building for ease of before/after school use.



Typical Classroom



Existing Conditions Analysis - Educational Delivery

Future Ready Learning (continued)

Library (continued)

The Library facilities support limited large and small group interaction. Furniture in many areas is able to be quickly reconfigured to allow for collaboration amongst small groups.

Technology

Classrooms were equipped with instructional technology configurations that vary.

Students have isolated access to portable technology options. The deployment of additional technology for student use is forthcoming.

Storage

Facility storage was not described as inadequate.

Fixtures, Furniture & Equipment

Classrooms were equipped with furniture of age appropriate scale. Furnishings were generally heavy and inflexible, although some efforts had been made to retrofit tables/chairs to make them more mobile.

Building Security

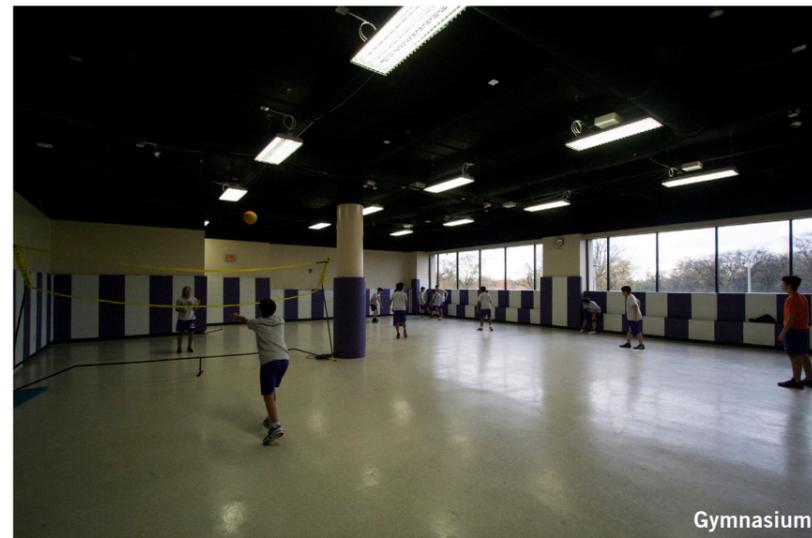
The building is limited to two main entries, one for students and one generally only used by staff/faculty. Main exterior entry doors were generally locked and equipped with a video camera and intercom that was connected to a security desk. The lock at the main entry was able to be electrically controlled from the security desk.

Upon entry to the building, visitors enter a large vestibule and proceed directly to the security desk in the vestibule where they are required to provide identification that is input into a visitor identification program before being allowed access to the building.

The building is configured to allow for minimal isolation of public spaces during special events.

No access control system is provided throughout the building or on the building grounds. Main circulation spaces and common spaces are mostly covered by a closed circuit surveillance system. Building wayfinding signage is limited throughout.





Existing Conditions Analysis - Educational Delivery

Environmental Quality

Lighting

Classroom lighting was provided by direct 2x4 recessed fluorescent lighting fixtures with prismatic lenses. No indirect lighting is provided.

Natural Light & Ventilation

Most classrooms have access to natural light of varying quality and quantity, however, a small number of standard and specialty classrooms do not have access to natural light or views. Windows are equipped with horizontal blinds that allow for individual control.

Acoustics

Acoustic control in classrooms was provided by a 2x2 suspended acoustic ceiling tile system.

Controllability of Systems

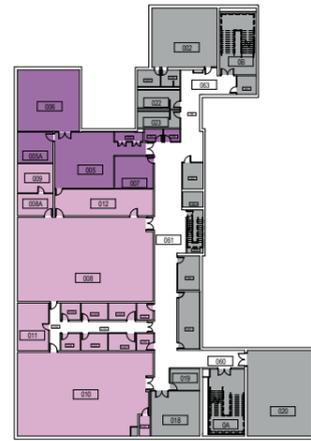
The classrooms appear to have limited access to controls for the mechanical systems.

Lighting is controlled by ganged switches at the front of each classroom.

Building Organization

The adjacent page diagrams the distribution of facilities through the building.

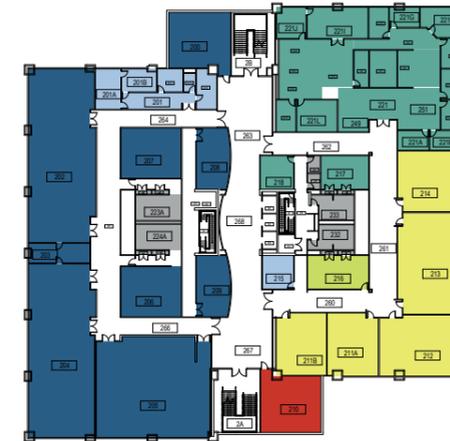
PMSA uses a grade level organization by floor, generally, with access to specialized and science classes for all grade levels.



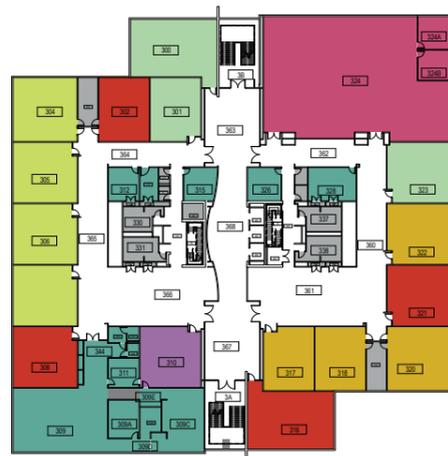
① LEVEL 00 PLAN
1/32" = 1'-0"



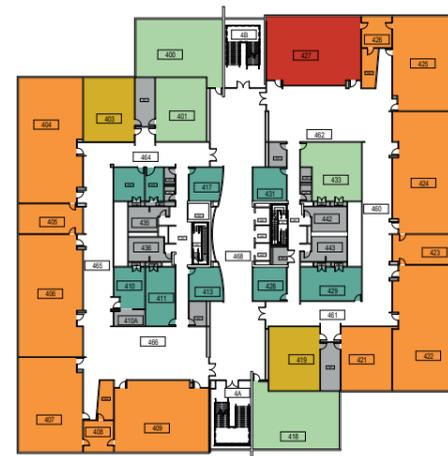
② LEVEL 01 PLAN
1/32" = 1'-0"



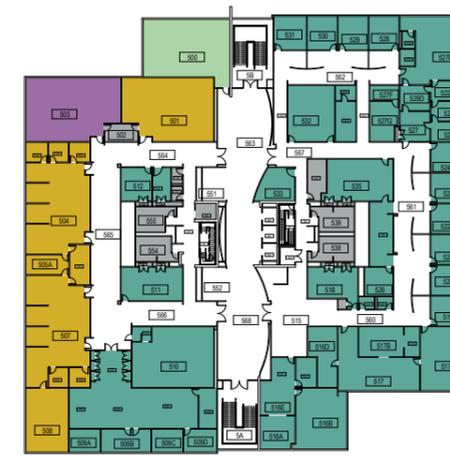
③ LEVEL 02 PLAN
1/32" = 1'-0"



④ LEVEL 03 PLAN
1/32" = 1'-0"



⑤ LEVEL 04 PLAN
1/32" = 1'-0"



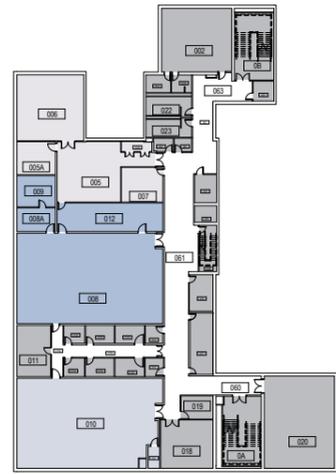
⑥ LEVEL 05 PLAN
1/32" = 1'-0"

- | | | |
|-------------------|-----------------------------|---------------------------|
| ■ Art: Visual | ■ General/Shared Classrooms | ■ Physical Education |
| ■ Art: Performing | ■ Mathematics | ■ Administration |
| ■ Applied Arts | ■ World Languages | ■ Community/Shared Spaces |
| ■ English | ■ Social Studies | ■ Building Services |
| ■ Science | ■ Special Education | |
| ■ ROTC | ■ Library | |

Utilization Analysis

The following pages map out teaching station utilization. Specialty classrooms are generally shown with a lower utilization rate, while standard classrooms and gymnasiums are highly utilized.

Note: This is a snapshot of building utilization for the 2017-2018 academic year and will fluctuate by year.



1 LEVEL 00 PLAN
1/32" = 1'-0"



2 LEVEL 01 PLAN
1/32" = 1'-0"



3 LEVEL 02 PLAN
1/32" = 1'-0"



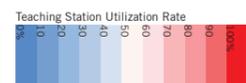
4 LEVEL 03 PLAN
1/32" = 1'-0"



5 LEVEL 04 PLAN
1/32" = 1'-0"



6 LEVEL 05 PLAN
1/32" = 1'-0"



Proposed Master Plan Improvements - Site Plan Phase 1

The proposed improvements were determined through continued input from the staff, faculty, administrators and community members and observations of existing educational delivery in the school. A component based approach to the master plan allows for implementation of separate pieces without needing to tackle all of the plan at once.

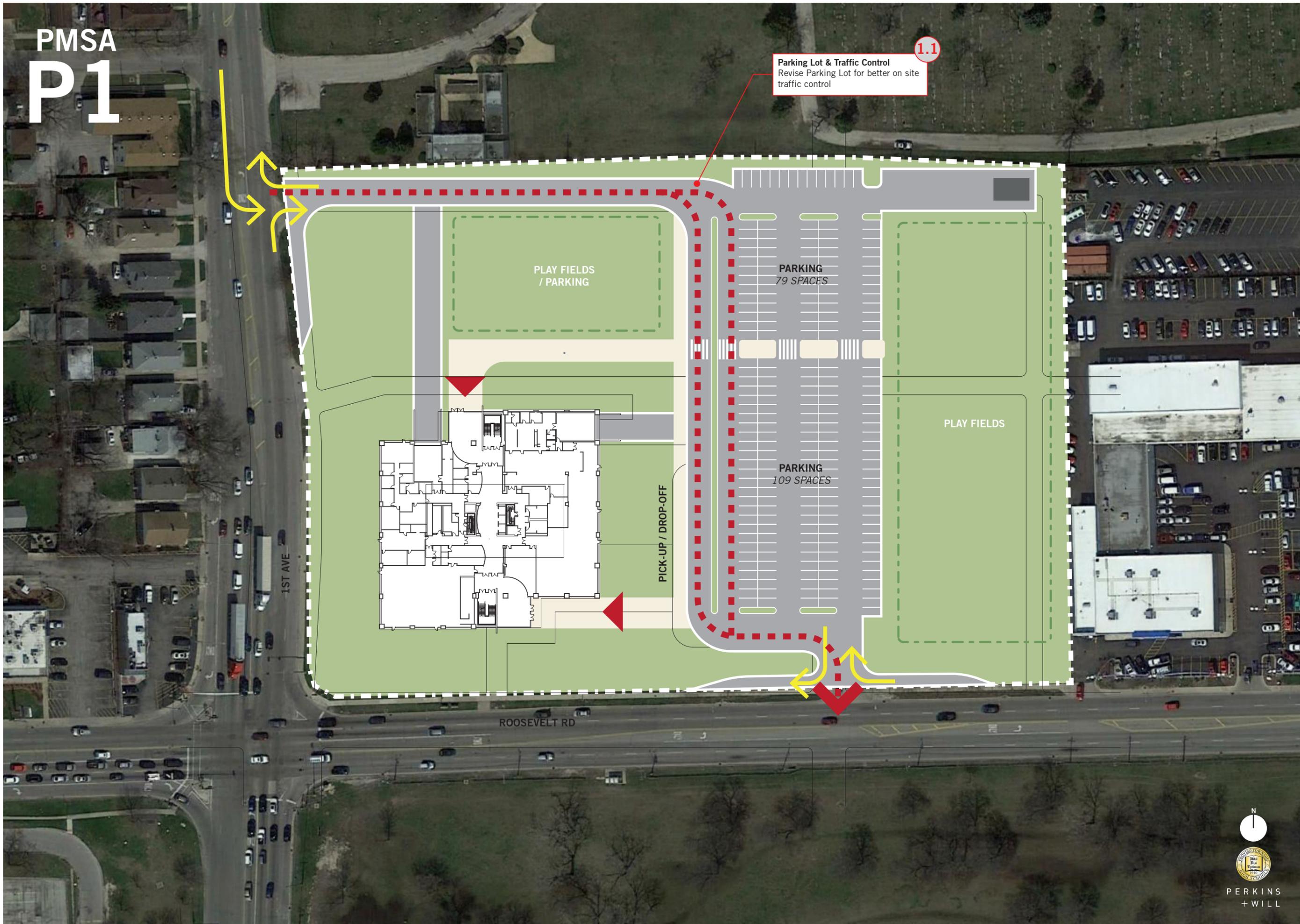
Individual components are referenced below and the adjacent site plan. The site plan shown is broken into a potential sequencing approach based on a logical progression of projects.



Address parking lot repair needs, reconfigure parking for better arrival and dismissal traffic control, improve green space around campus and provide on-site outdoor physical education space

PMSA P1

1.1
Parking Lot & Traffic Control
Revise Parking Lot for better on site traffic control



Proposed Master Plan Improvements - Site Plan Phase 2

The proposed improvements were determined through continued input from the staff, faculty, administrators and community members and observations of existing educational delivery in the school. A component based approach to the master plan allows for implementation of separate pieces without needing to tackle all of the plan at once.

Individual components are referenced below and the adjacent site plan. The site plan shown is broken into a potential sequencing approach based on a logical progression of projects.

- 1.2** Improve outdoor physical education facilities and add walking track, tennis courts and outdoor sports areas.
- 2.8** Construct new, right-sized physical education facilities and associated locker rooms. Reorient main entry and provide interior common student space. Reorient loading dock access. Backfill existing PE facilities with new classrooms in main building.

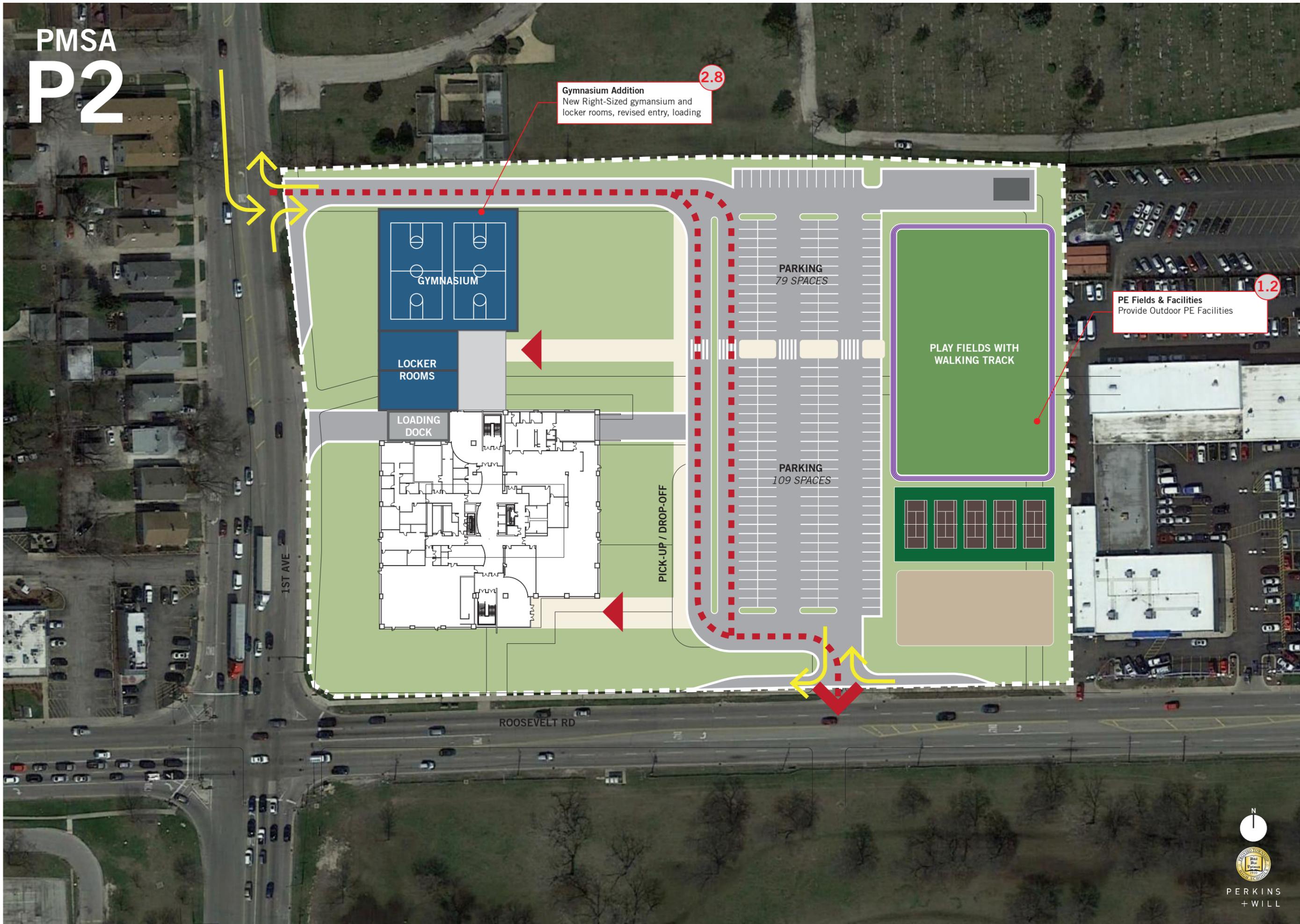
PMSA P2

Gymnasium Addition
New Right-Sized gymnasium and
locker rooms, revised entry, loading

2.8

PE Fields & Facilities
Provide Outdoor PE Facilities

1.2



Proposed Master Plan Improvements - Site Plan Phase 3

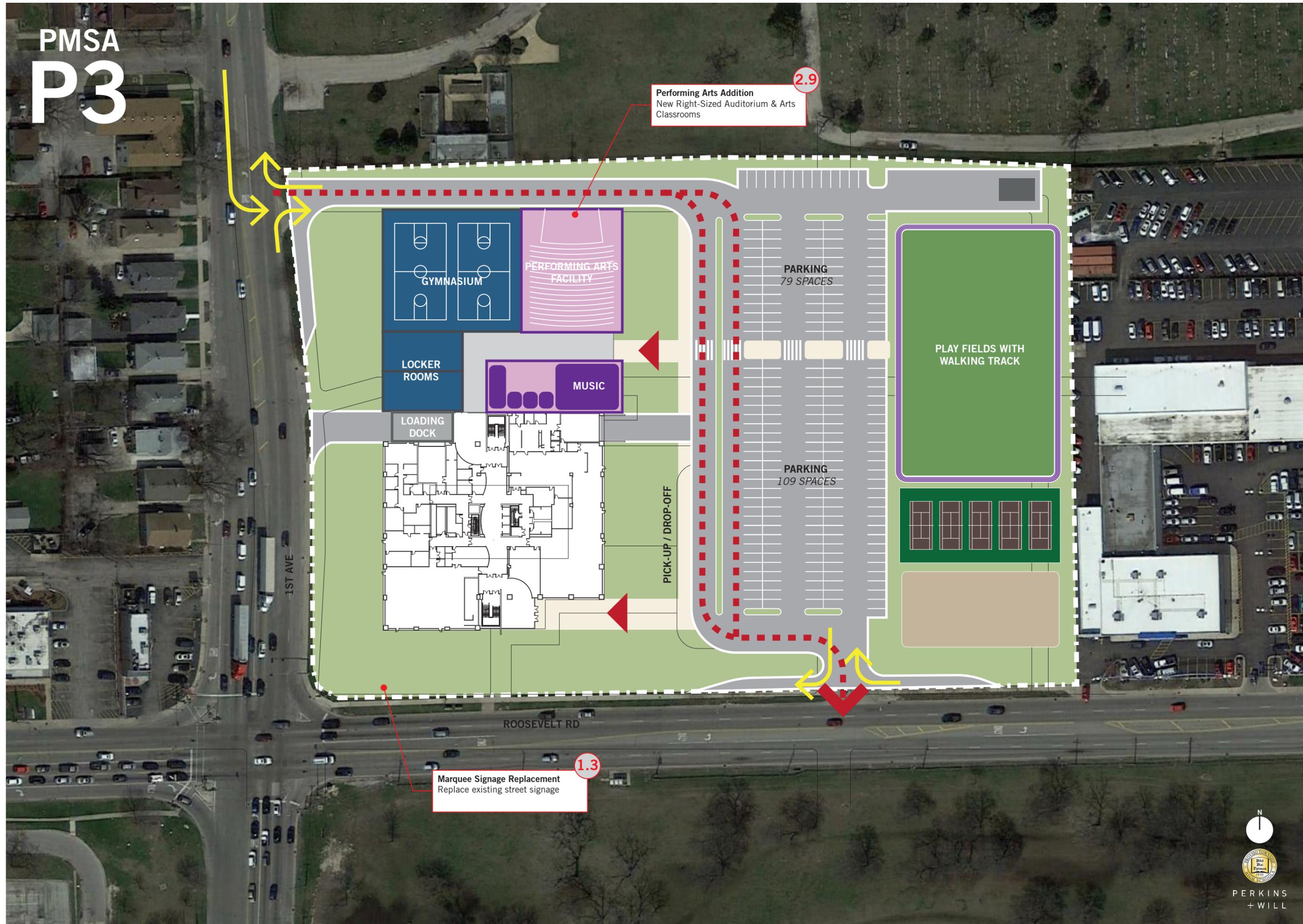
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Individual components are referenced below and the adjacent site plan. The site plan shown is broken into a potential sequencing approach based on a logical progression of projects. Phase 3 is viewed as a long-term potential pathway which should be revisited at a later date.

1.3 Update and replace existing marquee signage at Roosevelt & First.

2.9 Construct new Performing Arts addition with right-sized auditorium, acoustically controlled performing arts classrooms and expanded pre-function common space. Backfill existing performing arts facilities with additional academic space.

PMSA P3



2.9
Performing Arts Addition
New Right-Sized Auditorium & Arts Classrooms

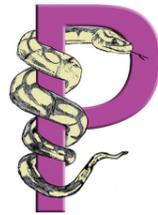
1.3
Marquee Signage Replacement
Replace existing street signage

Proposed Master Plan Improvements

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Individual components are referenced below and the adjacent floor plan.

- 1.5** Improve heating/cooling control at main entry vestibule for energy savings and visitor control
- 2.1** Repurpose under used staff cafeteria for student common space.
- 2.4** Address under used open common space on upper levels for collaboration and/or small group space.
- 2.5** Update smaller classrooms by consolidating former storage spaces into classroom.
- 2.6** Add small group study space adjacent to Library
- 2.7** Address acoustics and technology issues at main auditorium
- 2.8** Reclaim Physical Education space for additional general classrooms after construction of dedicated PE facilities
- 3.3** Repurpose abandoned physical education space for general building storage
- 3.5** Replace carpet in open common circulation spaces.

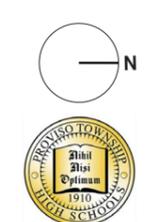
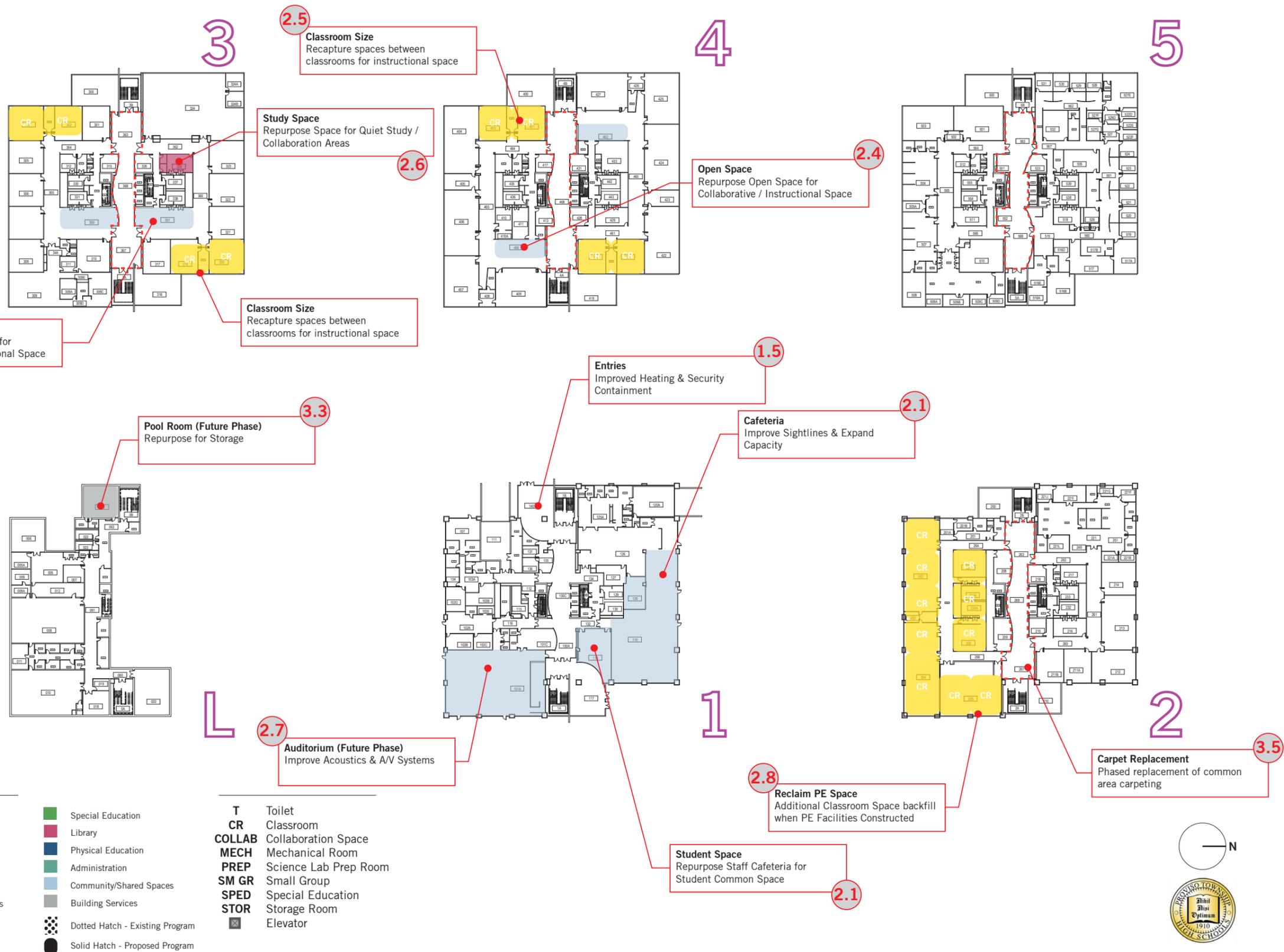


**PROVISO
MATH &
SCIENCE**

- Art: Visual
- Art: Performing
- Applied Arts
- English
- Science
- General/Shared Classrooms
- Mathematics
- Multimedia
- World Languages
- Social Studies
- TPI/ESL
- Special Education
- Library
- Physical Education
- Administration
- Community/Shared Spaces
- Building Services

- Learning Commons
- Library
- Physical Education
- Community/Shared Spaces
- Building Services
- Dotted Hatch - Existing Program
- Solid Hatch - Proposed Program

- T** Toilet
- CR** Classroom
- COLLAB** Collaboration Space
- MECH** Mechanical Room
- PREP** Science Lab Prep Room
- SM GR** Small Group
- SPED** Special Education
- STOR** Storage Room
- Elevator







2.3
Proviso West High School



Address	Proviso West High School 4701 Harrison Street Hillside, IL 60162 (708) 449-6400
Principal	Dr Nia Abdullah
Enrollment	1,850 Students
Grades	9 - 12
Building Area	550,000 sq ft
Site Area	55 acres
Area/Student	295 sq ft
History	1958 - Original Building 1973 - Additions & Renovations

Site Analysis

The adjacent page provides a graphic analysis of the Proviso West Site.

The Proviso West site is the largest in the District and houses multiple athletic field on the same site as the building.



Legend

-  Parking - Student
-  Parking - Faculty
-  Loading Facilities
-  Bus Drop-Off
-  Vehicular Drop-Off
-  Play Fields
-  Area of Concern Pedestrian
-  Area of Concern Water
-  Area of Concern Vehicular



Proviso West High School
Existing Site Analysis

Existing Conditions Analysis - Educational Delivery

Site & Building Exterior

Arrival & Dismissal

Busses drop-off and pick up students along the north side of the building as well as the main entry loop. Parent drop-off and pick-up students at the main entry loop. Separation of bus and parent traffic and increased queuing area for parents are a major concern.

Parking

Ample parking is provided on site for staff and students with four lots, two on the north side, one on the south and one on the east. Visitor parking is not adequately identified. Parking appeared to be more than adequate for students, staff and visitors.

Accessibility

Some exterior exits appeared to be accessible, others need improvements to address barriers.

Outdoor Spaces

There is a large sports complex to the north, east and south est of the building that accommodates physical education classes, intermural and competition athletics.

A series of interior courtyards that are currently under utilized.

Existing Conditions Analysis - Educational Delivery

General Building Layout

PWHS is a three story building with a large one story component. Common functions are generally contained within the one-story area with academic functions in the three story wing.

The three story academic wing located at the east of campus houses all of the general academic classrooms, science, administration and the library. Athletic and Physical Education facilities are located in the south-west of the building while the cafeteria and fine and applied arts are located in the north-west wing. An out-building houses the autos program.

Building finishes are generally consistent with the age of the building and, although they are well maintained, significant updating of the building is warranted.

Building circulation corridors appeared adequately sized for the number of students moving through the building.

Academic & Other Spaces

Classrooms are generally smaller than recommended throughout the building. A vast majority of classrooms have good access to natural light.

Science classrooms are undersized and configured with fixed casework along the perimeter with instructional space at the front of the classroom. Size of instruction space, equipment and fixtures need to be updated throughout.

Administrative and support service offices appeared adequately sized, however, need to be updated.

The Auditorium is undersized and does not support large productions.

Indoor physical education facilities appeared adequate.

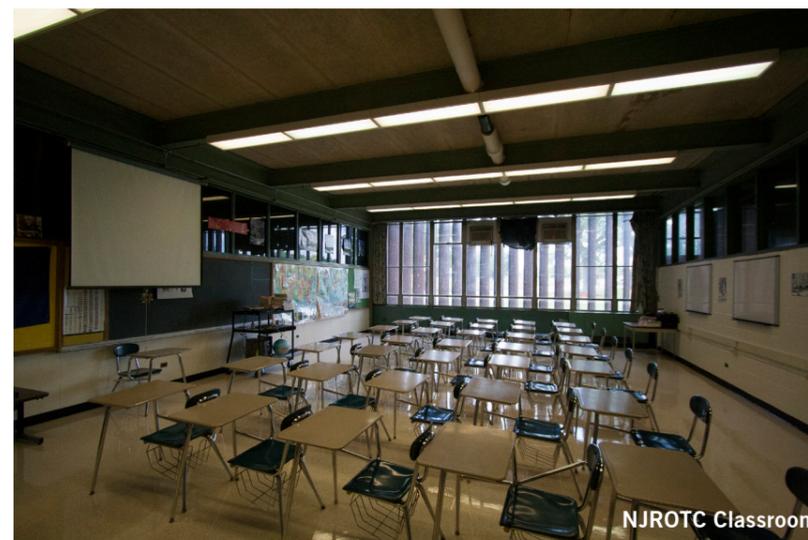
Future Ready Learning

Display Space

Hallways provided limited spaces for display of 2-d or 3-d elements.

Library

The Library is located on the second floor of the academic wing and is a large, linear space. This location provides adequate access for classes, but does not provide a connection to the student commons or other common areas of the building for ease of before/after school use. As a long, linear space, supervision of students in the space is difficult.





Media Production Studio

Existing Conditions Analysis - Educational Delivery

Future Ready Learning (continued)

Library (continued)

Renovation to support current methods of instruction and technology use is recommended. Increased opportunities to support large and small group interaction throughout is need. Furniture in most areas is large and difficult to move which discourages group interaction and is not able to be quickly reconfigured to allow for collaboration amongst small groups.

Technology

Classrooms were equipped with a multiple instructional technology configurations. A single standard should be determined and deployed.

Access to technology was restricted to spaces that were dedicated for that use or by movable carts. Future use of student devices is forthcoming.

Storage

Facility storage was not described as inadequate.

Fixtures, Furniture & Equipment

Classrooms were equipped with furniture of age appropriate scale. Furnishings were generally heavy and inflexible.

Building Security

Main exterior entry doors were generally locked and equipped with a video camera and intercom that was connected to the main office. The lock at the main entry was able to be electrically controlled from the main office.

Upon entry to the building, visitors enter a large vestibule and proceed directly to the main office where they are required to sign in before being allowed access to the building. No visitor identification program is provided in the building.

The building is configured to allow for minimal isolation of public spaces during special events.

Classroom locksets are configured to be always locked during normal operations. Tardy students report to the dean's office and then are admitted to the classroom.

No access control system is provided throughout the building or on the building grounds. Main circulation spaces and common spaces are mostly covered by a closed circuit surveillance system. Building wayfinding signage is provided throughout.

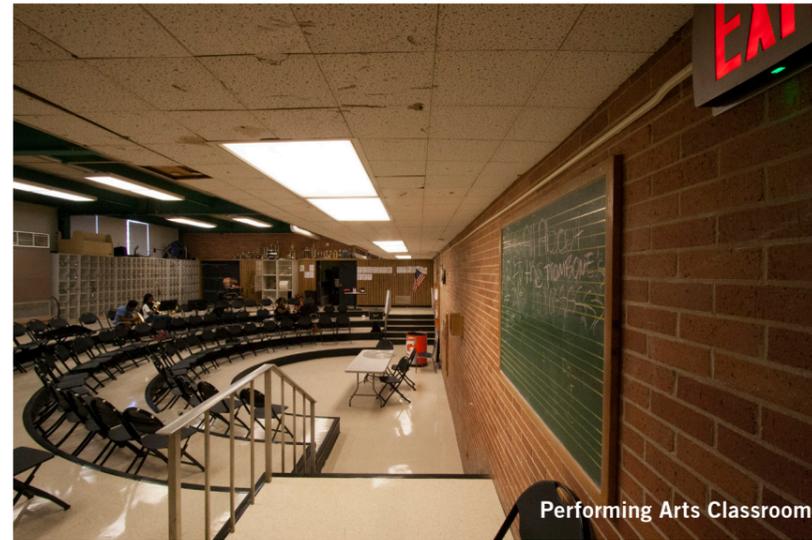
During the tour it was indicated that exterior doors are propped open for a variety of reasons.



FACS Lab



Science Classroom



Performing Arts Classroom



Cafeteria



Gymnasium

Existing Conditions Analysis - Educational Delivery

Environmental Quality

Lighting

Classroom lighting was provided by direct 2x4 recessed florescent lighting fixtures with prismatic lenses. No indirect lighting is provided.

Natural Light & Ventilation

A majority of classrooms have access to natural light of varying quality and quantity, however, isolated spaces do not have access to natural light or views. Windows are equipped with horizontal blinds that allow for individual control.

Windows have operable vents for natural ventilation and are equipped with insect screens.

Acoustics

Acoustic control in classrooms was provided by a 2x2 suspended acoustic ceiling tile system.

Controllability of Systems

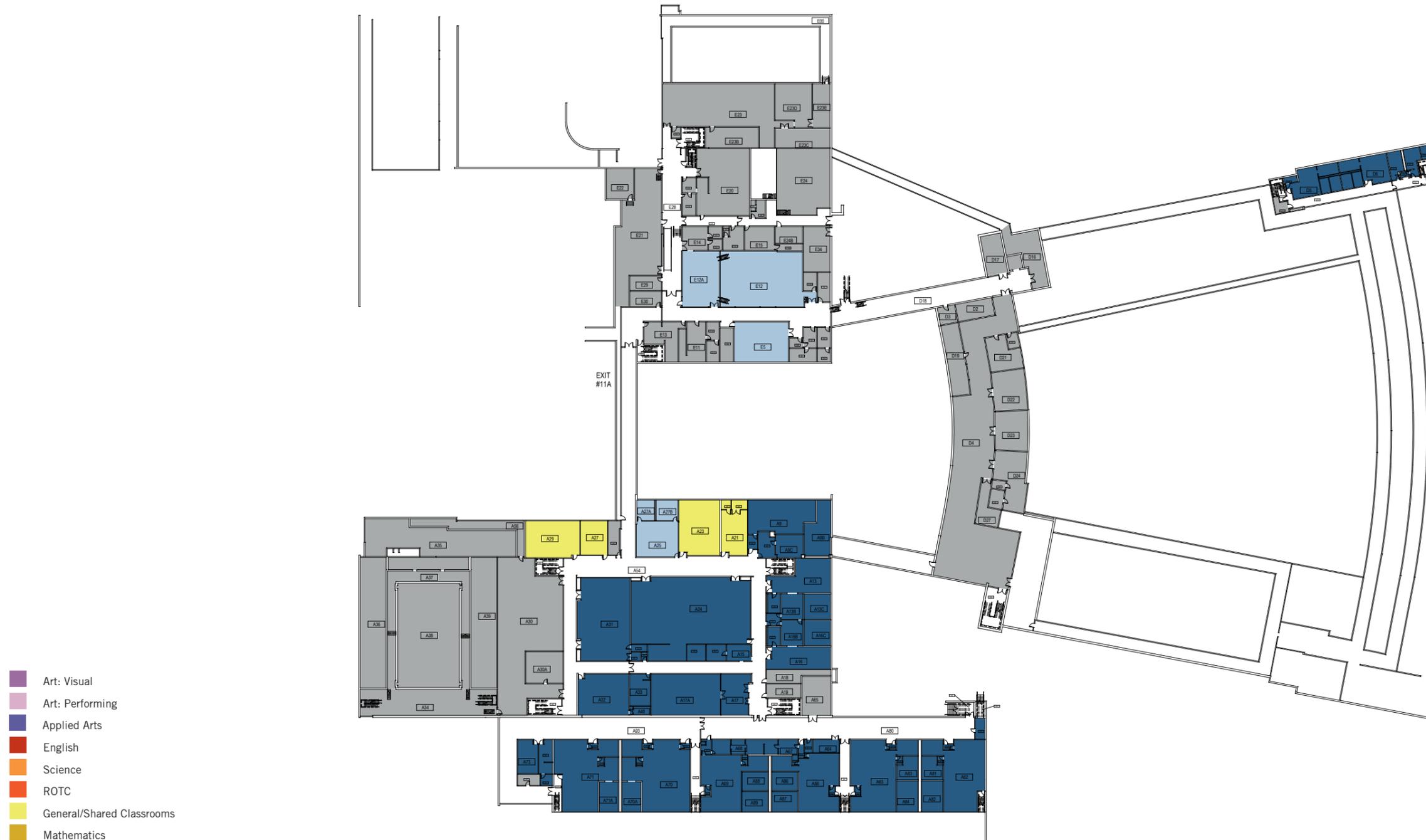
The classrooms appear to have limited access to controls for the mechanical systems. There is no forced air system with heat provided by a central radiant system and no cooling. No general air movement system is provided.

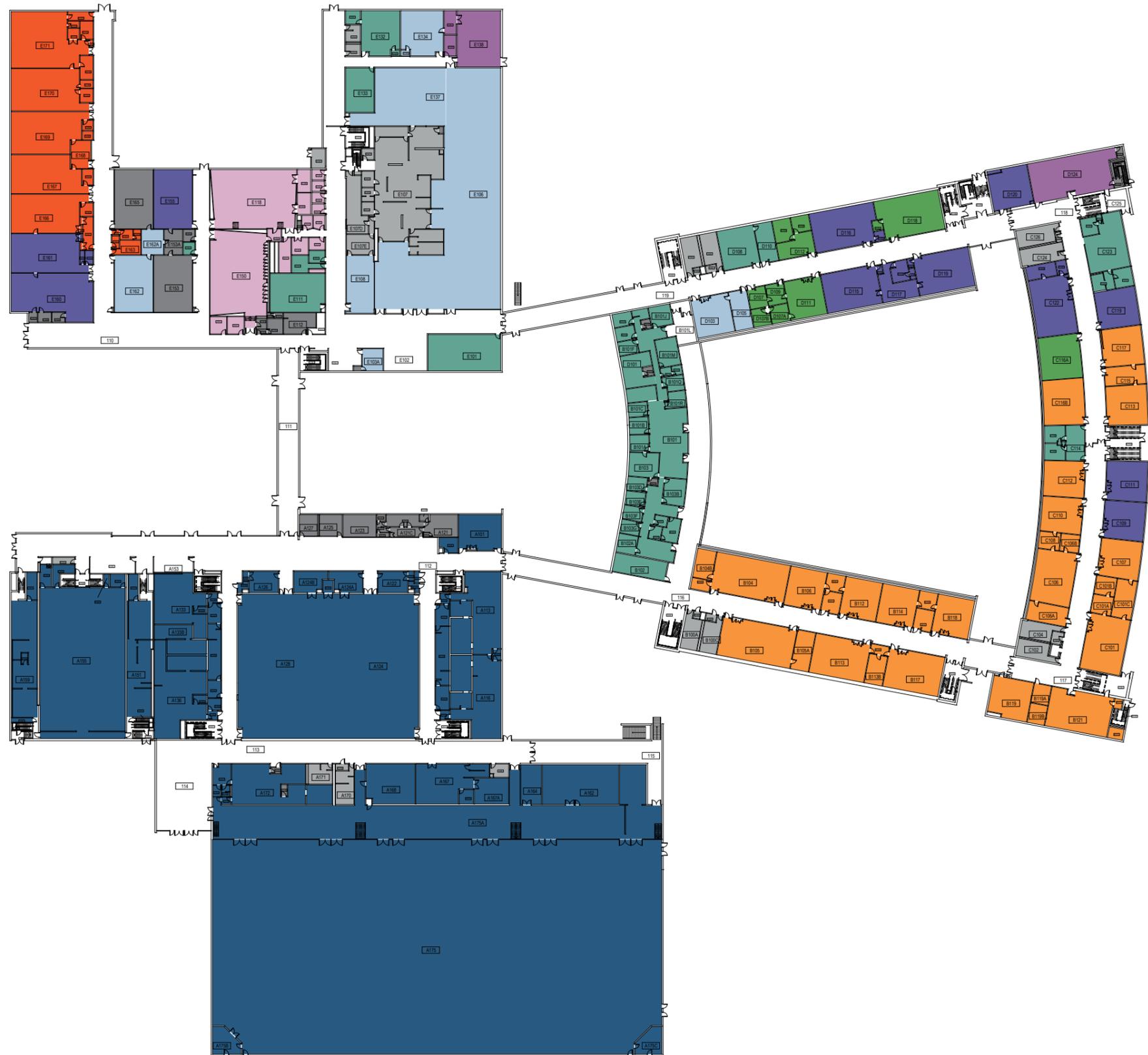
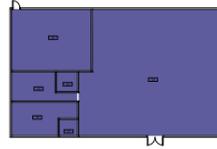
Lighting is controlled by ganged switches at the front of each classroom.

Building Organization

The adjacent page diagrams the distribution of facilities through the building.

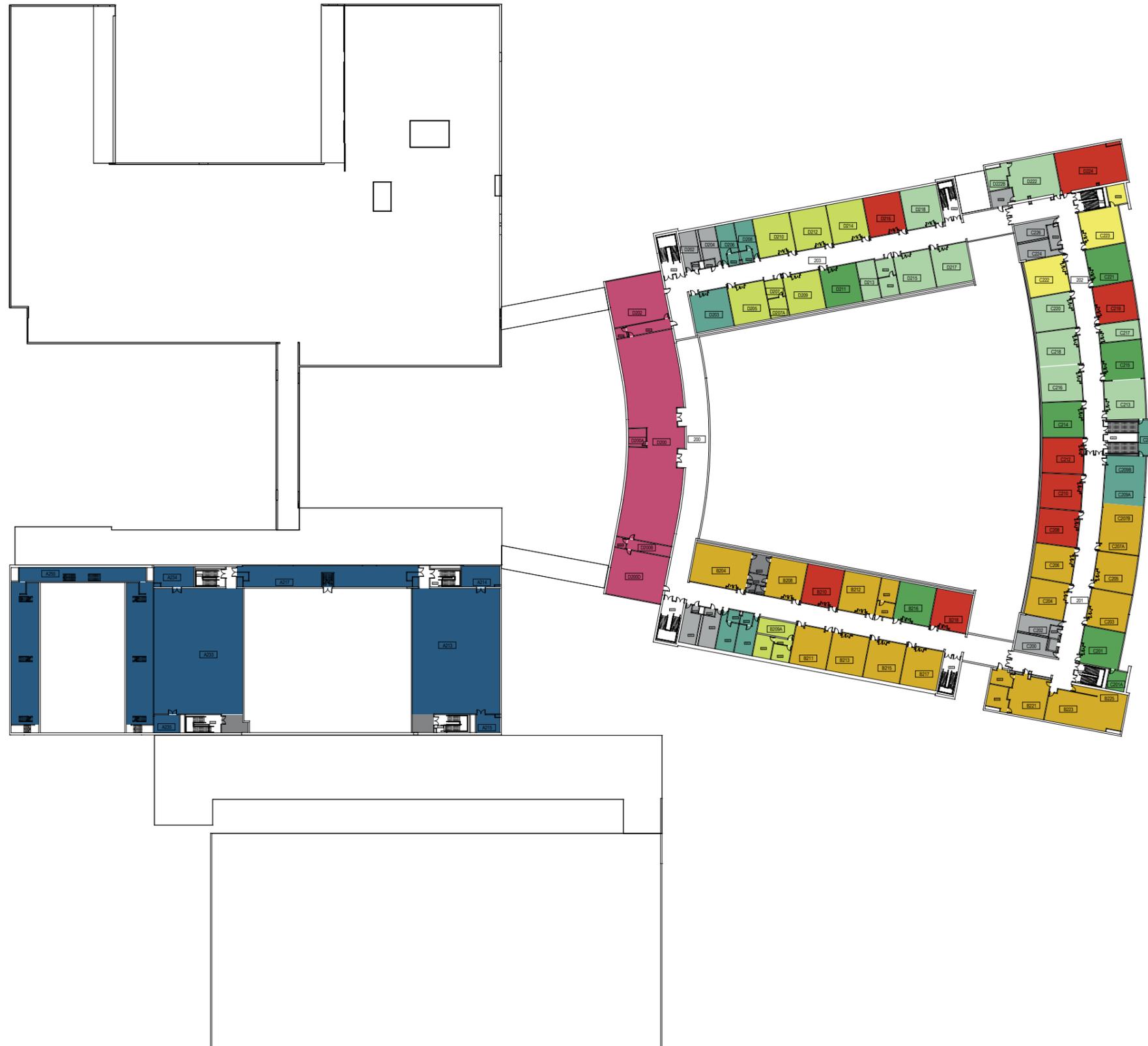
Proviso West is in a transition from departmental organization to an Academy based organization model. Physical education facilities are located in the south-west portion of the building, academics in the east wing and specialty spaces in the north-west portion.





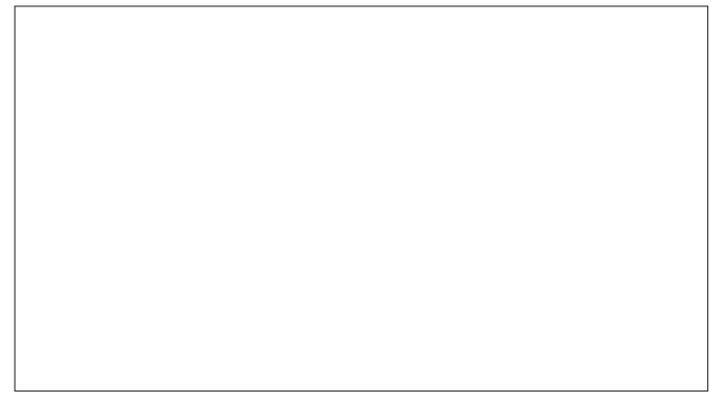
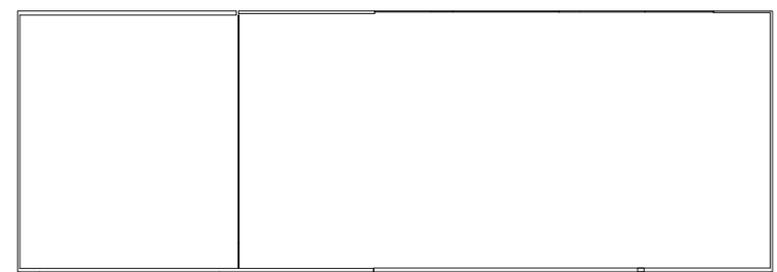
- Art: Visual
- Art: Performing
- Applied Arts
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- ROTC
- General/Shared Classrooms
- Mathematics
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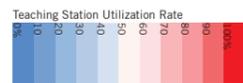
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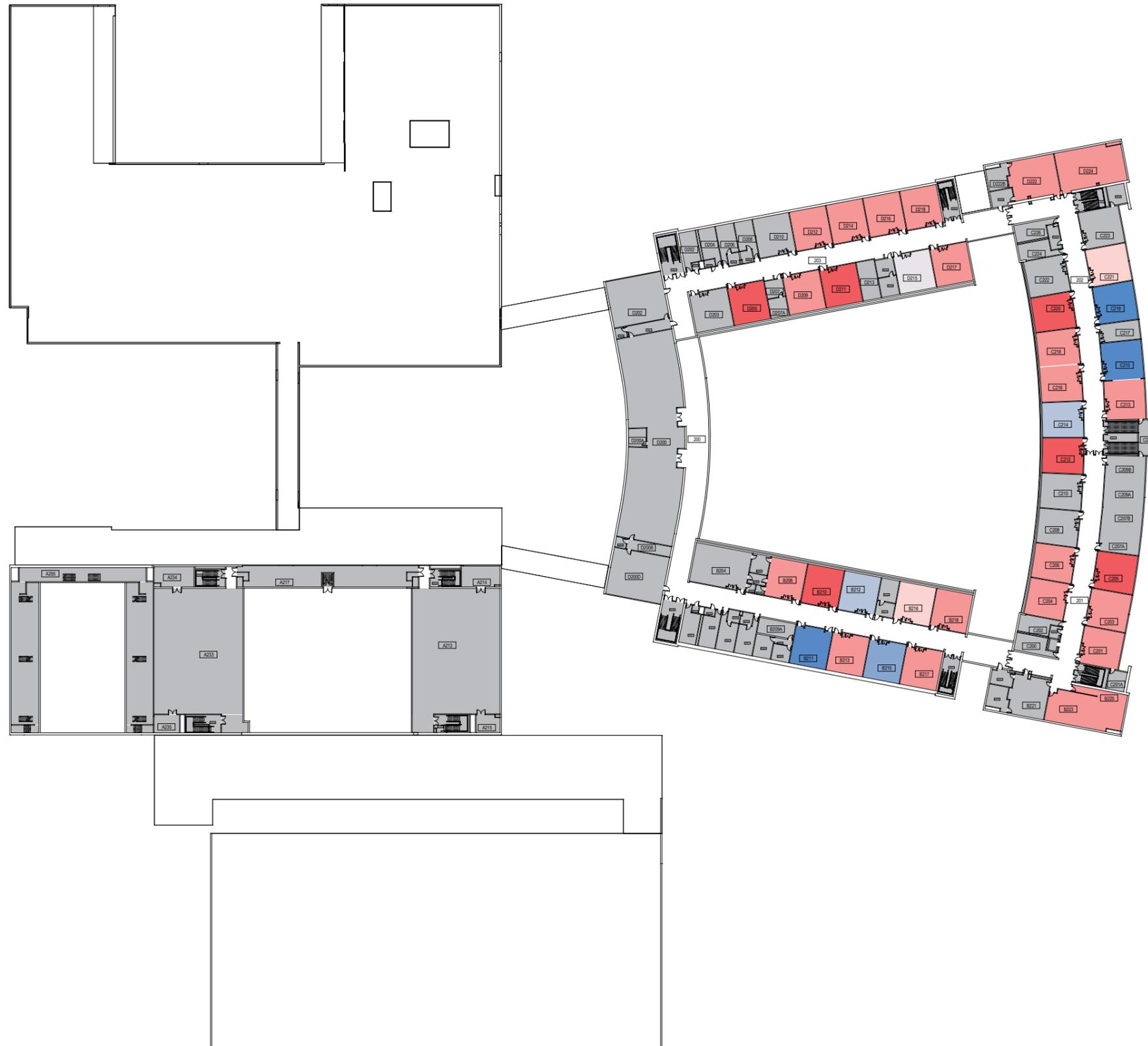


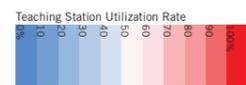
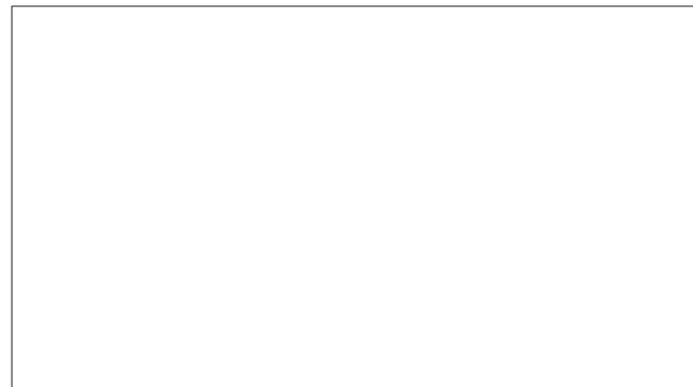
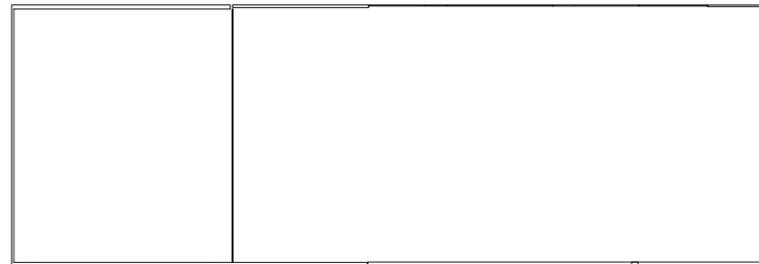
Utilization Analysis

The following pages map out teaching station utilization. Specialty classrooms are generally shown with a lower utilization rate, while standard classrooms and gymnasiums are highly utilized.

Note: This is a snapshot of building utilization for the 2017-2018 academic year and will fluctuate by year.







Proposed Master Plan Improvements - Site Plan Phase 1

The proposed improvements were determined through continued input from the staff, faculty, administrators and community members and observations of existing educational delivery in the school. A component based approach to the master plan allows for implementation of separate pieces without needing to tackle all of the plan at once.

Individual components are referenced below and the adjacent site plan. The site plan shown is broken into a potential sequencing approach based on a logical progression of projects.

- 1.1** Relocate parking adjacent to new main entry; provide separate bus drop-off area
- 1.2** Relocate, improve and consolidate PE facilities
- 2.1** Expand and update Career and Technical Education Facilities
- 2.2** Relocate and update Library. Move to first floor to create a central library facility adjacent to common areas. Move administrative functions to second floor and create direct connection to new secured entry.
- 2.3** Create new, readily identifiable entries. Improve security and access control and provide meeting space immediately adjacent to contain visitors.
- 2.5** Update and expand cafeteria to improve overcrowding and address supervision issues.

WEST P1

1.2
Tennis Courts
Consolidate and Improve Tennis Courts

1.2
PE/Athletic Fields
Consolidate and improve PE/Athletic Fields, move south

2.1
Career Technical Education
Expand Technical Education Offerings and Update Facilities

2.5
Cafeteria
Update Equipment, Servery and Improve Sightlines & Loading

1.1
Parking Lot & Traffic Control
Move parking to new main entries; separate bus and parent drop-off

FACULTY & VISITOR
293 SPACES

BUS DROP-OFF/PICK-UP

WELCOME CENTER

LIBRARY

SECURED ENTRY

2.3
Welcome Center
Provide Front Door for Campus Visitors, Meeting Space & Security

2.2
Library
Relocate and Update to be Centralized for Student Access

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October 11, 2018



Proposed Master Plan Improvements - Site Plan Phase 2

The proposed improvements were determined through continued input from the staff, faculty, administrators and community members and observations of existing educational delivery in the school. A component based approach to the master plan allows for implementation of separate pieces without needing to tackle all of the plan at once.

Individual components are referenced below and the adjacent site plan. The site plan shown is broken into a potential sequencing approach based on a logical progression of projects.

- 1.1** Expand parking for special events and students at south of site; provide dedicated parent drop-off / pick-up area with improved queuing.
- 1.2** Convert former parking areas to green space and/or additional PE/ Competition play space. Provide buffer space for building from roadway.
- 2.6** Create new central student common space immediately adjacent to new building entries. Provides direct access for students and visitors to cafeteria, library, performing arts and athletic facilities. Serves as pre-function space as well as a space for students to gather before and after school.

WEST P2

1.2

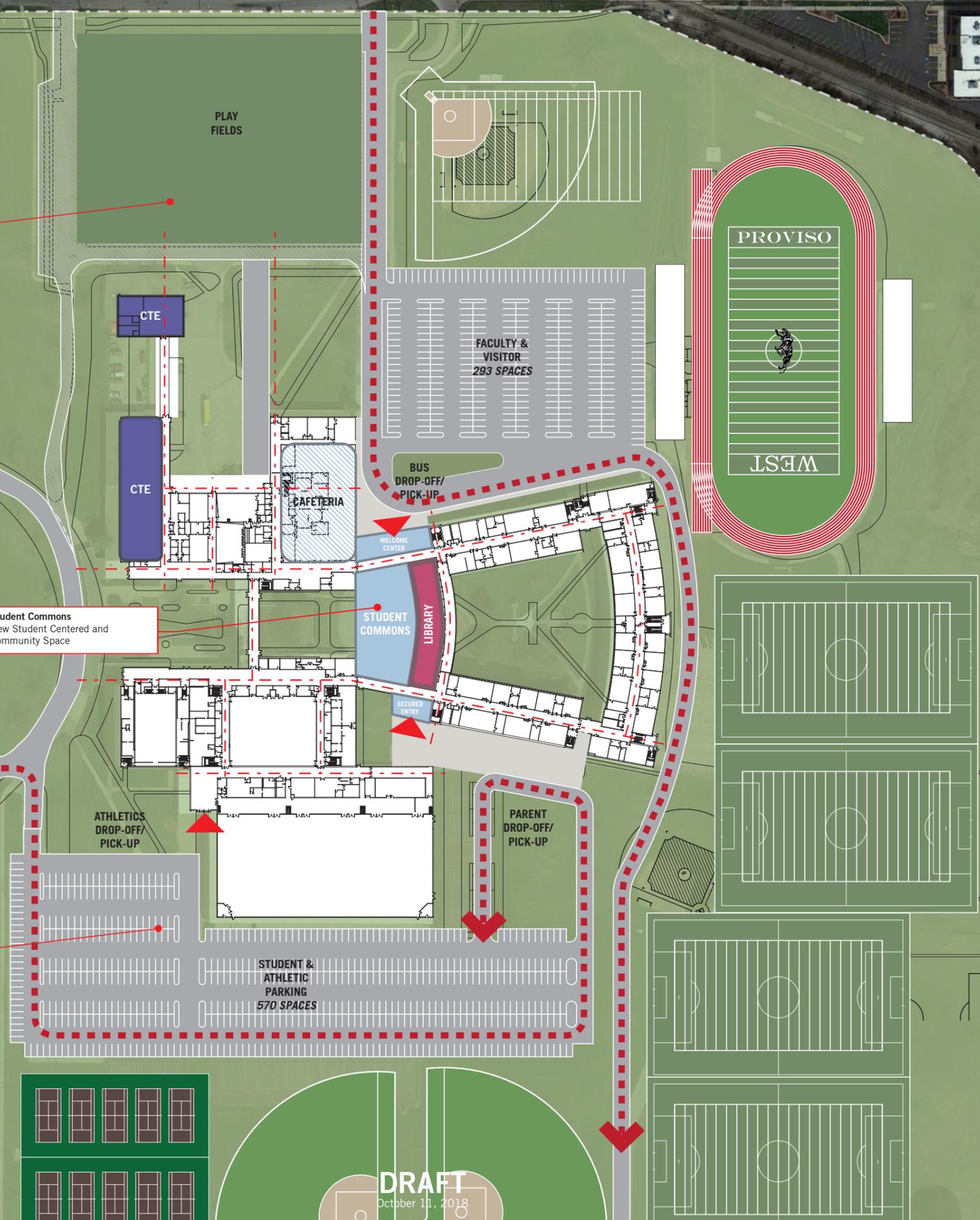
Green Space / Play Fields
Convert current parking to green buffer at north-west corner

2.6

Student Commons
New Student Centered and Community Space

1.1

Expanded Parking & Drop-off
Expanded Student and Special Event Parking, Separate Drop-Off



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October 11, 2018



Proposed Master Plan Improvements - Site Plan Phase 3

The proposed improvements were determined through continued input from the staff, faculty, administrators and community members and observations of existing educational delivery in the school. A component based approach to the master plan allows for implementation of separate pieces without needing to tackle all of the plan at once.

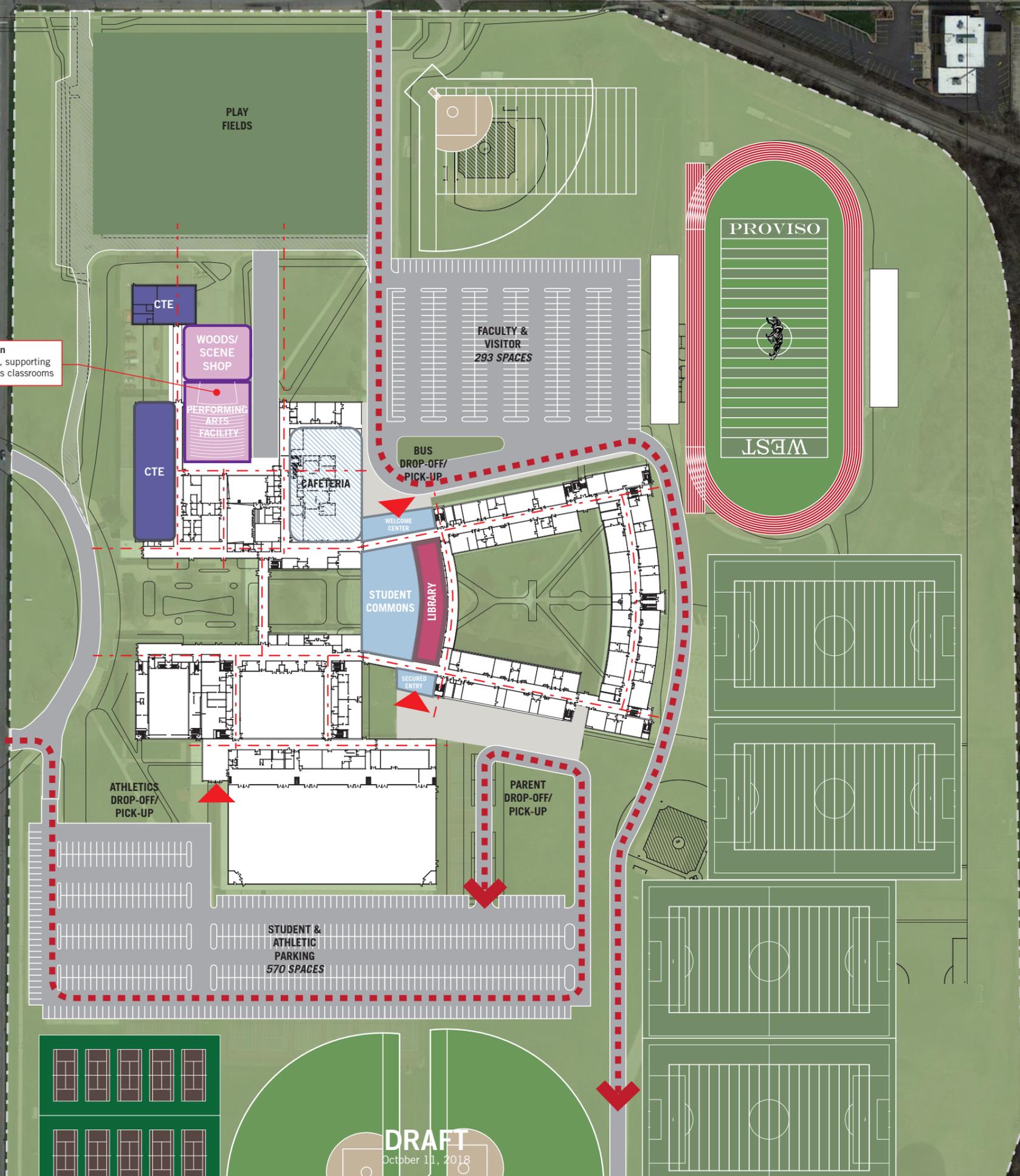
Individual components are referenced below and the adjacent site plan. The site plan shown is broken into a potential sequencing approach based on a logical progression of projects. Phase 3 is viewed as a long-term potential pathway which should be revisited at a later date.

2.7

Construct new Performing Arts facility right-sized to produce large scale performances and accommodate larger crowds.

WEST P3

2.7
Performing Arts Addition
Right Sized Auditorium, supporting
Performing & Visual Arts classrooms



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October 11, 2018



Proposed Master Plan Improvements

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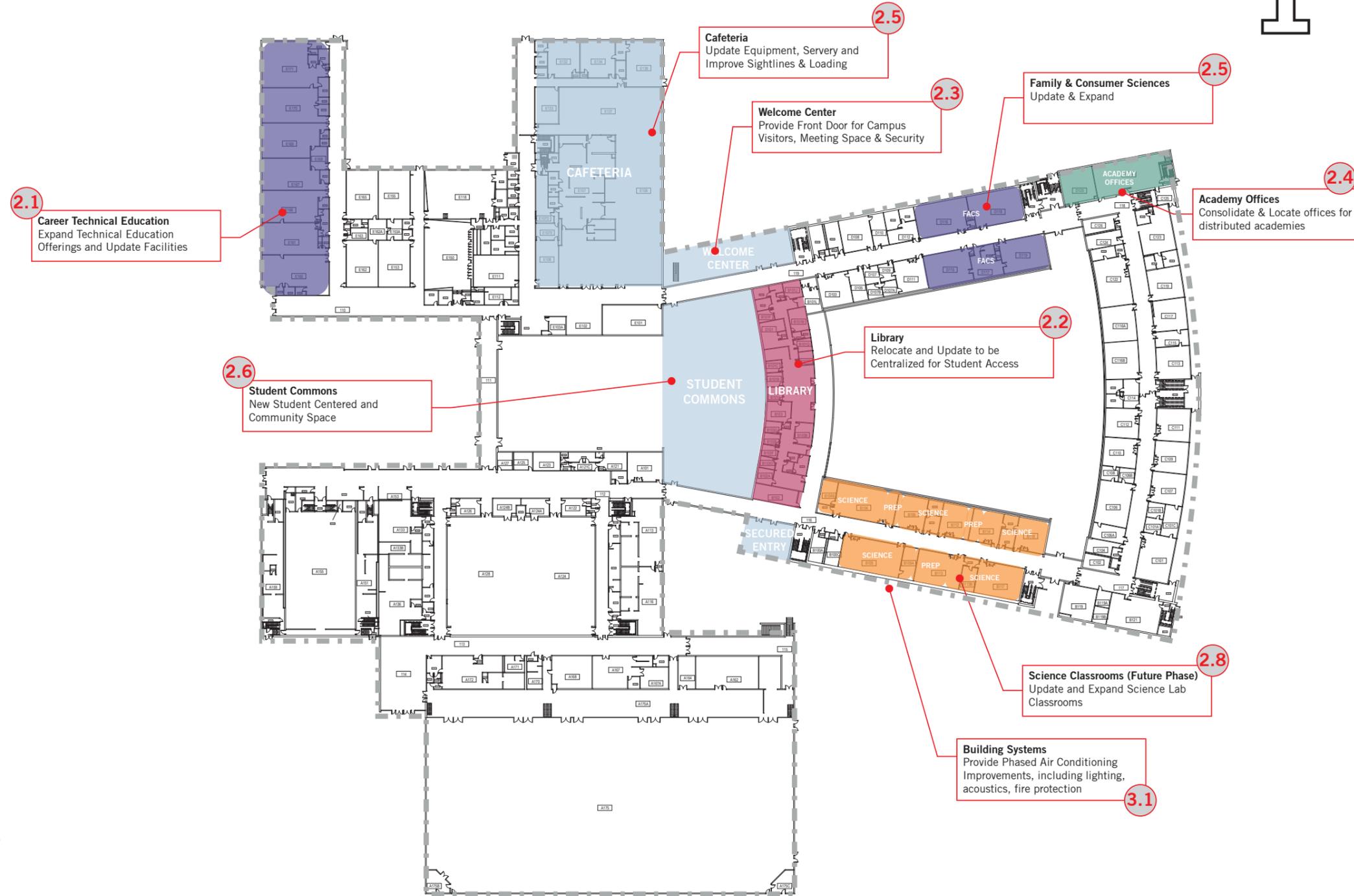
Individual components are referenced below and the adjacent floor plan.

- 2.1** Expand and update Career and Technical Education Facilities
- 2.2** Relocate and update Library. Move to first floor to create a central library facility adjacent to common areas. Move administrative functions to second floor and create direct connection to new secured entry.
- 2.3** Create new, readily identifiable entries. Improve security and access control and provide meeting space immediately adjacent to contain visitors.
- 2.4** Consolidate and distribute academy offices structured around academies on each floor of the academic wing.
- 2.5** Update and expand cafeteria to improve overcrowding and address supervision issues.
- 2.6** Create new central student common space immediately adjacent to new building entries. Provides direct access for students and visitors to cafeteria, library, performing arts and athletic facilities. Serves as pre-function space as well as a space for students to gather before and after school.
- 2.8** Update and expand science lab classrooms, provide science lab classrooms at each level for academy use.
- 3.1** Provide updated central heating and cooling systems and update classrooms beginning with the third floor



PROVISO WEST

1



- Art: Visual
- Art: Performing
- Applied Arts
- English
- Science
- General/Shared Classrooms
- Mathematics
- Multimedia
- World Languages
- Social Studies
- TPI/ESL
- Special Education
- Library
- Physical Education
- Administration
- Community/Shared Spaces
- Building Services

Proposed Master Plan Improvements

The proposed improvements were determined through continued input from the staff, faculty, administrators and community members and observations of existing educational delivery in the school. A component based approach to the master plan allows for implementation of separate pieces without needing to tackle all of the plan at once.

Individual components are referenced below and the adjacent floor plan.

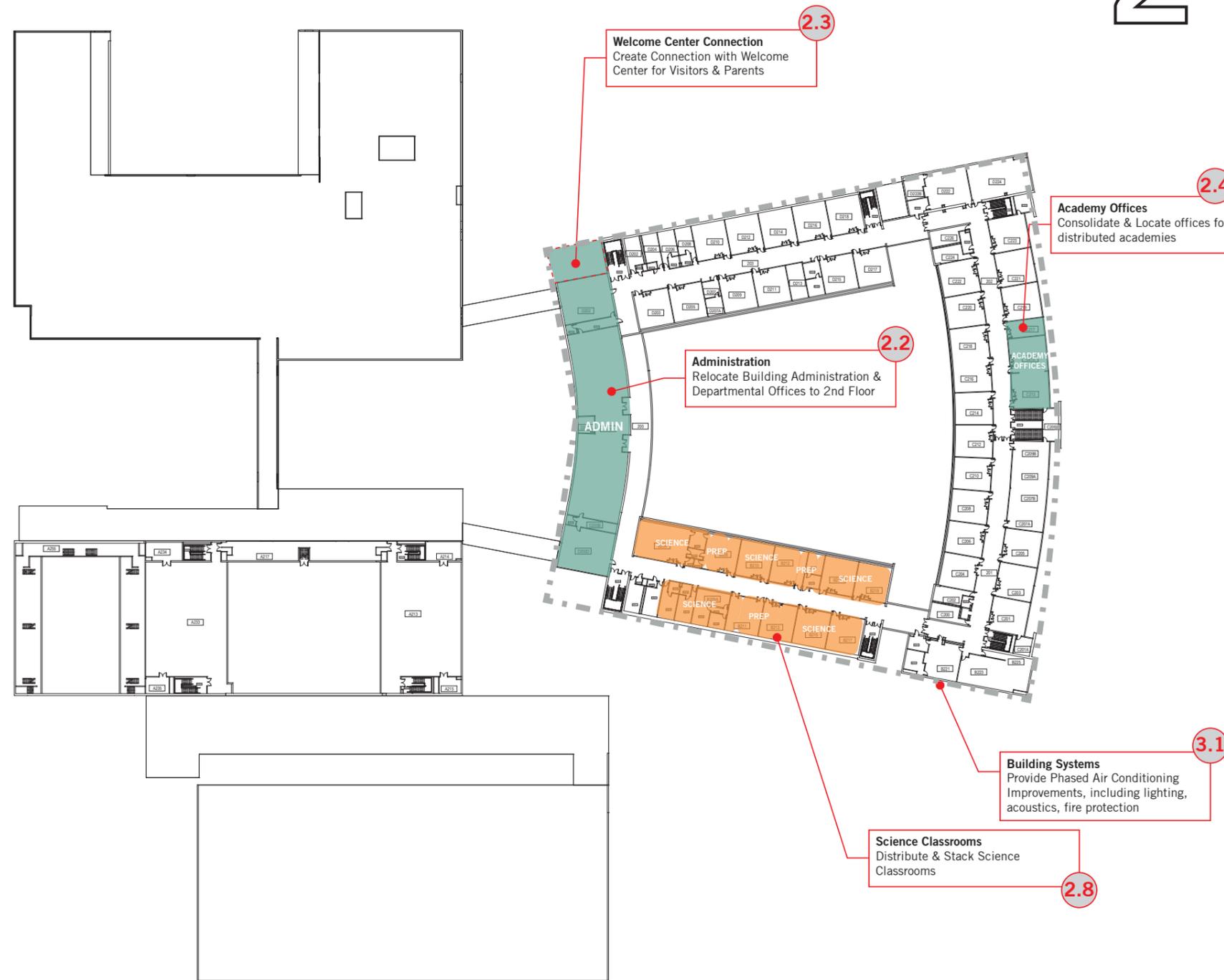
- 2.2** Relocate and update Library. Move to first floor to create a central library facility adjacent to common areas. Move administrative functions to second floor and create direct connection to new secured entry.
- 2.3** Create new, readily identifiable entries. Improve security and access control and provide meeting space immediately adjacent to contain visitors. Provide direct connection to 2nd floor administrative suite.
- 2.4** Consolidate and distribute academy offices structured around academies on each floor of the academic wing.
- 2.8** Update and expand science lab classrooms, provide science lab classrooms at each level for academy use.
- 3.1** Provide updated central heating and cooling systems and update classrooms beginning with the third floor



PROVISO
WEST

2

- Art: Visual
- Art: Performing
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Proposed Master Plan Improvements

The proposed improvements were determined through continued input from the staff, faculty, administrators and community members and observations of existing educational delivery in the school. A component based approach to the master plan allows for implementation of separate pieces without needing to tackle all of the plan at once.

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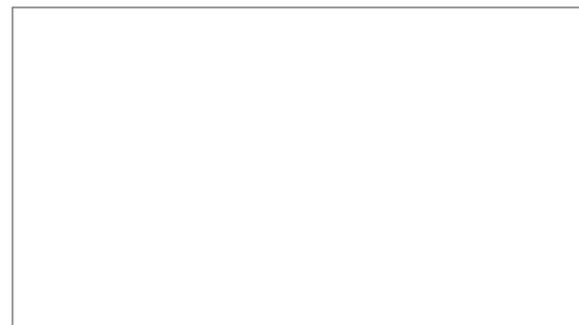
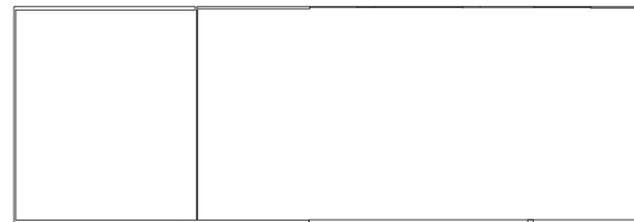
- 2.4** Consolidate and distribute academy offices structured around academies on each floor of the academic wing.
- 2.8** Update and expand science lab classrooms, provide science lab classrooms at each level for academy use.
- 3.1** Provide updated central heating and cooling systems and update classrooms beginning with the third floor



PROVISO
WEST

3

- Art: Visual
- Art: Performing
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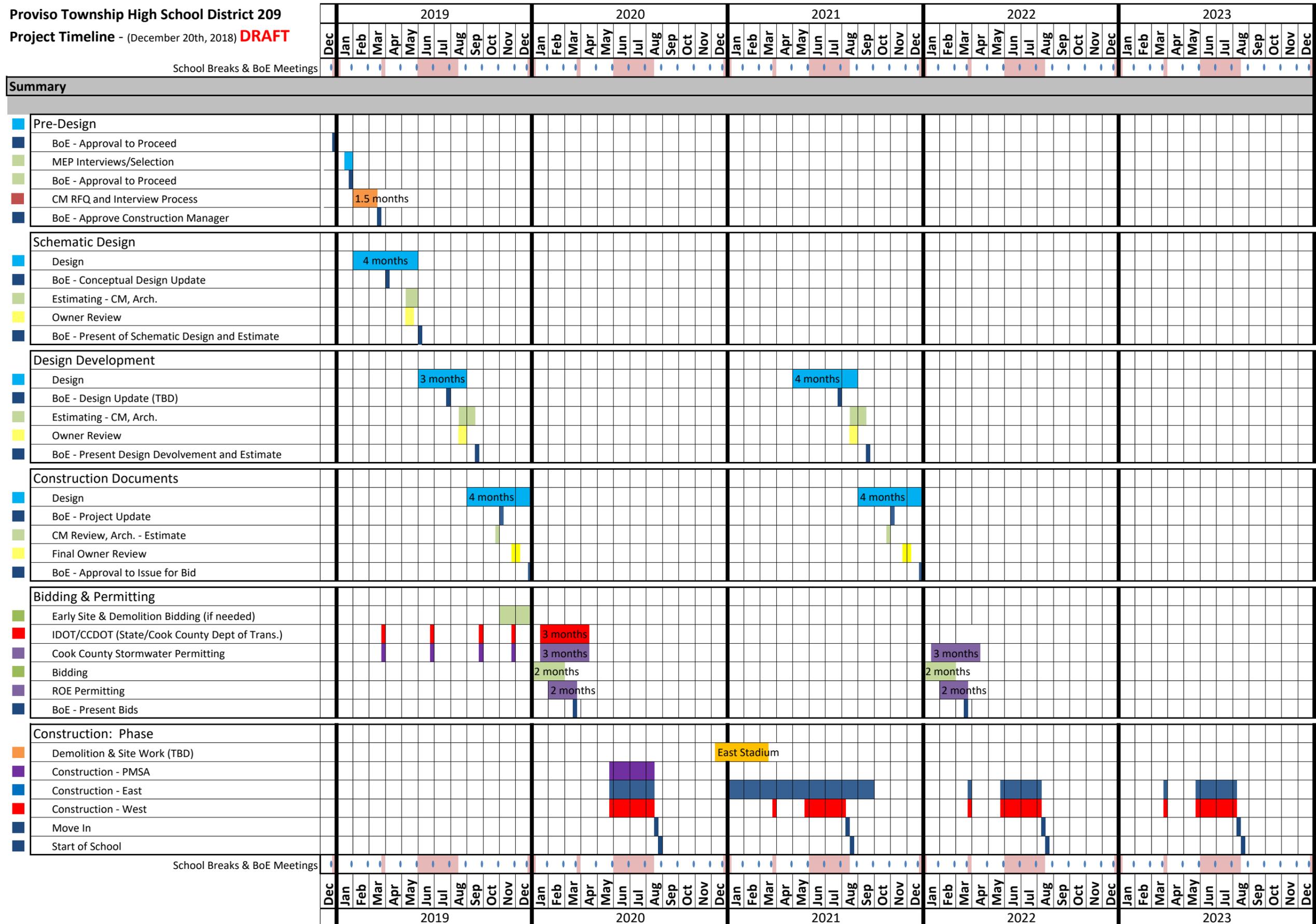






4.1
Timeline

Proviso Township High School District 209
Project Timeline - (December 20th, 2018) DRAFT







3.1 Construction Costs

Proviso Township High Schools District 209
Facilities Master Planning
Budget Worksheet

December 10, 2018
 V3.0
DRAFT

Summary D

Proviso Math & Science Academy	\$5,373,800	7%
Proviso East High School	\$47,733,068	62%
Proviso West High School	\$23,884,145	31%
	\$76,991,013	

Note: Hazardous Materials Abatement is not included in above

Note: Annualized Escalation will be calculated after timelines are determined

Proviso Math & Science Academy

Proviso Township High Schools District 209
Facilities Master Planning
Budget Worksheet

December 10, 2018
V3.0
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Proviso Math & Science Academy					
Component	Priority	Area	Est Budget	D	
1.0 Site					
1.1 Parking Lot & Traffic Control	I		\$5.1 M	\$4.5 M	
<i>includes reconfiguration of parking, pick-up/drop-off areas, acceleration/deceleration lanes, new maint facilities, sidewalks</i>					
1.2 PE Fields	II		\$0.2 M		
<i>includes grading for new PE fields on east side of parking lot</i>					
1.2.1 Tennis Courts / Misc PE	III		\$1.1 M		
<i>includes improved fields, jogging track, tennis courts and sand volleyball court</i>					
1.3 Marquee Signage Replacement	III		\$0.1 M		
1.4 Entry Vestibule Improvements	III		\$0.5 M		
<i>includes security and thermal control improvements</i>					
2.0 Academics					
2.1 Cafeteria Improvements	II		\$1.2 M		
<i>includes revisions to improve sightlines and incorporation of faculty cafeteria as student space</i>					
2.2 Repurpose Staff Cafeteria	II		see 2.1		
2.3 Repurpose Open Spaces	III		\$0.5 M		
<i>includes functional revisions to open circulation spaces for collaborative learning areas</i>					
2.4 Repurpose Storage at Classrooms	III		\$0.1 M		
<i>includes reconfiguration of office/storage areas at designated classrooms</i>					
2.5 Library Quiet Study	III		\$0.1 M		
<i>includes conversion of space adjacent to library for quiet study</i>					
2.6 Auditorium A/V & Acoustics	III		\$1.2 M		
<i>includes improvements to space in place</i>					
2.7 Gymnasium Addition	X		\$10.8 M		
<i>includes new two court gym, locker rooms, student commons, loading dock, loading drive, entry walk revisions</i>					
2.8 Auditorium Addition	Y		\$11.2 M		
<i>includes new purpose built auditorium, student commons space, performing arts classrooms and support space</i>					
3.0 Infrastructure					
3.1 Temperature Controls	I		\$0.8 M	\$0.8 M	
3.2 Instructional Technology	II		VARIES		
3.3 Repurpose Pool Room	III		\$0.2 M		
3.4 Electrical Improvements	III		\$0.02 M		
3.5 Carpet Replacement	III		\$0.3 M		
3.6 Repair Precast Piers	III		\$0.1 M		
3.7 LED Light Replacement	III		\$0.6 M		
3.8 Boiler Replacement	III		\$0.5 M		
3.9 Damper Replacement	III		\$0.2 M		
3.10 BAS Lighting Control	III		\$0.05 M		
4.0 10-Year Health & Life Safety					
4.1 Urgent Items	I		\$0.05 M	\$0.05 M	
4.2 Required Items	II		\$0.00 M		
4.3 Recommended Items	III		\$0.43 M		
			totals	\$5.4 M	

Proviso West High School

Proviso Township High Schools District 209
Facilities Master Planning
Budget Worksheet

December 10, 2018
v3.0
DRAFT

Proviso West High School					
Component	Priority	Area	Est Budget	D	
1.0 Site					
1.1 Parking Lot / Traffic Control Improvements	II				
<i>includes areas identified below</i>					
1.1.1 North Parking Lot	II		\$1.8 M	\$0.5 M	
1.1.2 South Parking Lot	II		\$5.1 M		
1.1.3 Bus Drop off Loop	II		\$0.2 M		
1.1.4 Parent Drop off Loop	II		\$0.2 M		
1.1.5 Connecting Road	II		\$2.0 M		
1.2 PE / Athletic Field Relocation & Improve	II				
<i>includes areas identified below</i>					
1.2.1 Tennis Courts	II		\$1.2 M		
1.2.2 Baseball Stadium	II		\$1.8 M		
1.2.3 Softball Field	II		\$0.8 M		
1.2.4 Athletic Fields	II		\$1.5 M		
2.0 Academics					
2.1 CTE Facilities	I		\$4.5 M	\$1.3 M	
<i>includes expansion of Career Technical Education facilities and refurbishing of the Auto Shop</i>					
2.2 Library & Main Office Swap	I		\$5.5 M		
<i>includes swapping locations of the main building office and the library and building the connecting stair/elevator to the visitor's center for the main office</i>					
2.3 Secured Entries	I		\$1.8 M	\$0.9 M	
<i>includes construction of two new entry vestibules and visitors center at the north/south entries along with visitors/parents facilities and conference rooms</i>					
2.4 Academy Offices	II		\$1.8 M		
<i>includes construction of new distributed academy offices and classroom reneighborhooding</i>					
2.5 Cafeteria	II		\$8.6 M		
<i>includes expansion of the existing cafeteria footprint, reorganization, new kitchen, server and loading facilities</i>					
2.6 Commons	II		\$7.8 M		
<i>includes new central student commons space</i>					
2.7 Auditorium	II		\$13.5 M		
<i>includes new large auditorium, support space and visual arts classrooms</i>					
2.8 Science Labs	III				
2.8.1 1st Floor Renovation	III		\$2.6 M		
<i>includes upgrading existing facilities in place</i>					
2.8.2 2nd Floor Renovation	III		\$3.8 M		
<i>includes creating new science classrooms stacked over existing, backfilling displaced classrooms</i>					
2.8.3 3rd Floor Renovation	III		\$3.8 M		
<i>includes creating new science classrooms stacked over existing, backfilling displaced classrooms</i>					
2.9 FACS	III		\$1.3 M		
<i>includes renovating existing spaces in place</i>					
2.10 Fieldhouse Renovations	I		\$1.3 M	\$1.3 M	
3.0 Infrastructure					
3.1 Air Conditioning (by level)	I				
<i>includes providing a building-wide air conditioning solution, updating electrical systems, replacing and updating classroom and corridor lighting, ceilings, flooring and paint</i>					
3.1.1 3rd Floor Academic	I		\$15.6 M	\$15.6 M	
3.1.2 2nd Floor Academic	I		\$14.7 M		
3.1.3 1st Floor Academic	I		\$14.7 M		
3.2 Toilet Room Renovations	I		\$1.8 M	\$0.9 M	
<i>includes renovating existing spaces in place</i>					
3.3 Domestic Hot Water & Isolation Valves	I		\$0.8 M	\$0.8 M	
3.4 Exterior Enclosure - Wall Panels / Curtain W	I		\$4.1 M	\$1.2 M	
<i>includes replacement of exterior wall panels</i>					
3.5 Security Access Control	II		\$1.0 M		
3.6 Locker Room Renovations	III		\$8.4 M		
3.7 MDF Improvements	III		\$0.8 M		
3.8 Roof Replacements - Buildings A & E	III		\$6.3 M		
3.9 Window Replacements	III		see 3.4		
<i>includes replacement of oldest, least energy efficient windows remaining</i>					
3.10 Door Replacements	III		\$1.4 M		
<i>includes replacement of existing exterior doors and hardware</i>					
3.11 Elevators & Accessibility	III		\$3.7 M		
<i>includes replacement or building of (3) new elevators</i>					
3.12 PA / Intercom System Upgrades	III		\$1.2 M		
<i>includes updating existing Public Address system in place for improved communications and security</i>					
4.0 10-Year Health & Life Safety					
4.1 Urgent Items	I		\$0.93 M	\$0.93 M	
4.2 Required Items	II		\$3.75 M	\$0.40 M	
4.3 Recommended Items	III		\$1.02 M		
			totals	\$23.9 M	

Proviso East High School

Proviso Township High Schools District 209
Facilities Master Planning
Budget Worksheet

December 10, 2018
V3.0
DRAFT

Proviso East High School					
Component	Priority	Area	Est Budget	D	
1.0 Site					
1.1 Parking & Site Circulation Improvements	I		\$3.5 M	\$3.5 M	
<i>incudes new parking on east side of First, north student parking, north parent drop-off lane, south staff parking and reconstruction of central staff parking</i>					
1.2 Stadium Reconstruction	I		\$7.4 M	\$7.4 M	
<i>incudes demolition of auto shop building, demolition of current stadium, new stadium, art turf field, running track, lighting, AV, PA, Scoreboards, Bleachers, Concesssions & maintenance building, fencing</i>					
1.3 Athletic Field Renovation	II		\$4.0 M		
<i>incudes Restoration of Tennis Courts, reconstruction of baseball stadium and competition softball fields, restoration of practice fields</i>					
1.4 Bus Drop-off / Pick Up Areas	III		\$0.2 M		
<i>incudes New expanded two lane bus dedicated drop off area off of First Ave with green island barrier</i>					
1.5 Memorial Hall	III		\$32.1 M		
<i>incudes Demolition of Memorial Hall, New Performing Arts Classrooms at South Gym, New PE / Locker Room Addition to Fieldhouse</i>					
1.6 Public Access to Fields	III		\$0.4 M		
<i>incudes Play Field, Jogging Track and Playground East of First Ave</i>					
2.0 Academics					
2.1 Fieldhouse Renovation	I		\$14.2 M		
<i>incudes full renovation of locker rooms, PE spaces and pool interior</i>					
2.2 CTE & Culinary Arts Improvements	I		\$6.3 M	\$2.4 M	
<i>incudes conversion of existing abandoned pool and surrounding spaces for CTE programs, updating existing Culinary Arts labs</i>					
2.3 Science Labs	II		\$5.0 M		
<i>incudes updating existing science lab classrooms in place</i>					
2.4 FACS Improvements	II		\$0.6 M		
<i>incudes updating existing family and consumer science classrooms in place</i>					
2.6 Student Commons	II		\$8.2 M		
<i>incudes construction of new Central Student Commons and dedicated east and west secured entries</i>					
2.7 Library Renovation	II		\$2.0 M		
<i>incudes updating library and surrounding support spaces in place</i>					
2.8 Performing Arts Classrooms	III		see 1.5		
2.9 Academy Offices	III		\$1.2 M		
<i>incudes construction of centralized academy offices and reneighborhooding of surrounding classrooms</i>					
2.10 Social Room Update	III		\$0.3 M		
<i>incudes updating existing social room finishes, fixtures, AV and Acoustics in place</i>					
2.11 PA / Intercom System Upgrades	III		\$1.2 M		
<i>incudes updating existing Public Address system in place for improved communications and security</i>					
3.0 Infrastructure					
3.1 Air Conditioning (by level)	I				
<i>incudes providing a building-wide air conditioning solution, updating electrical systems, replacing and updating classroom and corridor lighting, ceilings, flooring and paint</i>					
3.1.1 First Floor			\$21.9 M		
3.1.2 Second Floor			\$22.4 M		
3.1.3 Third Floor			\$24.2 M	\$22.0 M	
3.2 Electrical System Upgrades	I		\$11.7 M	\$11.7 M	
<i>incudes building-wide infrastructure improvements</i>					
3.3 Lighting Replacement	I		see 3.1		
3.4 Plumbing Improvements	II		\$5.3 M		
<i>incudes building-wide infrastructure improvements</i>					
3.5 Field Drainage	II		\$1.8 M		
<i>incudes stormwater management system improvements at exterior areas</i>					
3.6 Exterior Masonry	II				
<i>incudes exterior masonry repair</i>					
3.6.1 50% Tuckpointing			\$2.4 M		
3.6.2 100% Tuckpointing			\$4.8 M		
3.7 Window Replacement	II				
<i>incudes replacement of oldest, least energy efficient windows remaining</i>					
3.7.1 50% Replacement			\$2.2 M		
3.7.2 100% Replacement			\$4.4 M		
3.8 Fire Sprinklers	III		see 3.1		
3.9 IT System Upgrades	III		\$0.4 M		
<i>incudes updating aging infrastructure and systems backbone</i>					
3.10 Instructional Technology	III		VARIABLES		
<i>incudes establishing and implementing a standard for instructional technology on campus</i>					
3.11 Stair Repairs	III		\$0.1 M		
<i>incudes repair/replacement of damaged stairs inside and outside building</i>					
4.0 10-Year Health & Life Safety					
4.1 Urgent Items	I		\$0.73 M	\$0.73 M	
4.2 Required Items	II		\$10.58 M		
4.3 Recommended Items	III		\$10.64 M		
			totals	\$47.7 M	

APPENDIX

