



Abington Public Schools New Co-Located PreK / Middle / High School

Preferred Schematic Design Option

Presentation to the Working Group



Welcome! Please note that these floor plans and site plans will continue to be revised and updated as the Abington School Building Committee (ASBC) and its professional consultants continue to work on design issues, cost-saving matters, school safety, ADA and future educational needs of our town and its residents. The following plans are NOT final plans; please continue to check this website for future updates and refinements, or please attend any upcoming meeting of the ASBC.



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NOTE about PLAYING FIELDS:
 Field markings / lines are shown only to provide the viewer with an indication as to the size of the field. The future use and lining of each field will be finalized at a later date.
 ALSO: Varsity football games will continue to be played at Memorial Field.

This conceptual site plan is a work in progress; revisions are expected as design advances.



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01

DRAFT – Conceptual Site Plan

March 21, 2014

Ai3 architects, LLC



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Abington Public Schools New Co-located PreK / Middle / High School

Preferred Schematic Design Option

ABBREVIATIONS:

- MS = Middle School
- HS = High School
- PRE-K = Pre-Kindergarten
- CR = Classroom
- SPED = Special Education
- Classroom
- PE = Physical Education

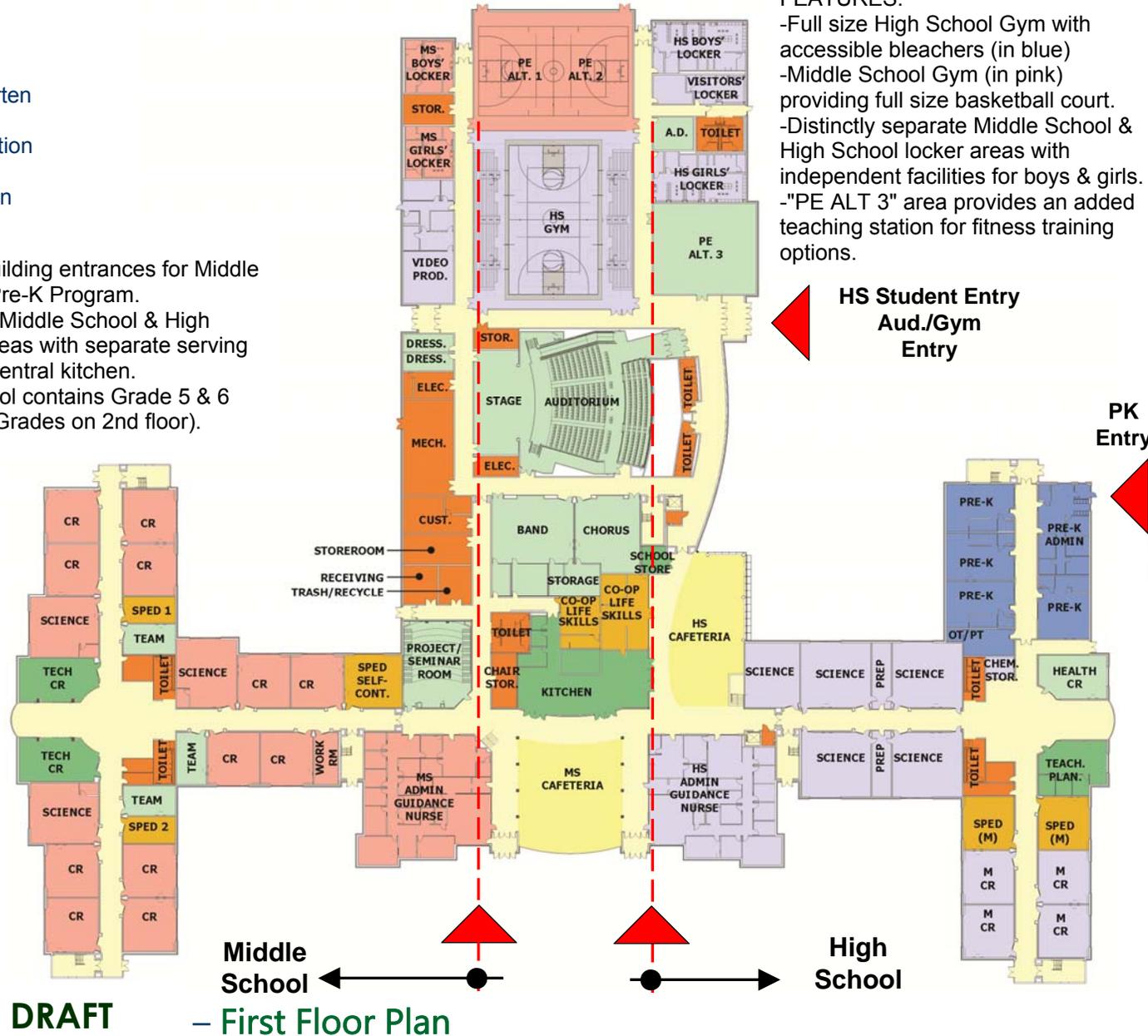
FEATURES:

- Separate supervised building entrances for Middle School, High School & Pre-K Program.
- Two distinctly separate Middle School & High School student dining areas with separate serving stations within a single central kitchen.
- 1st floor of Middle School contains Grade 5 & 6 education space (7 & 8 Grades on 2nd floor).

FEATURES:

- Full size High School Gym with accessible bleachers (in blue)
- Middle School Gym (in pink) providing full size basketball court.
- Distinctly separate Middle School & High School locker areas with independent facilities for boys & girls.
- "PE ALT 3" area provides an added teaching station for fitness training options.

QUESTIONS?
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Middle School ← → **High School**
– First Floor Plan

High School

PK Entry

**HS Student Entry
Aud./Gym
Entry**

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02

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Abington Public Schools New Co-located PreK / Middle / High School

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ABBREVIATIONS:

- | | |
|------------------------------------|--|
| MS = Middle School | H CR = History Classroom |
| HS = High School | SS CR = Social Studies Classroom |
| PRE-K = PreKindergarten | E CR = English/Language/Arts Classroom |
| CR = Classroom | SPED = Special Education Classroom |
| SPED = Special Education Classroom | PE = Physical Education |

FEATURES:

- 2nd floor of Middle School contains Grade 7 & 8 education space.
- 2nd floor of Middle School contains Critical Thinking & Design lab ("CTD Tech").
- Middle School Tech CR classrooms provide flexible learning environment for team projects & presentations.

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03

DRAFT

Middle School ← ● ● → High School
– Second Floor Plan

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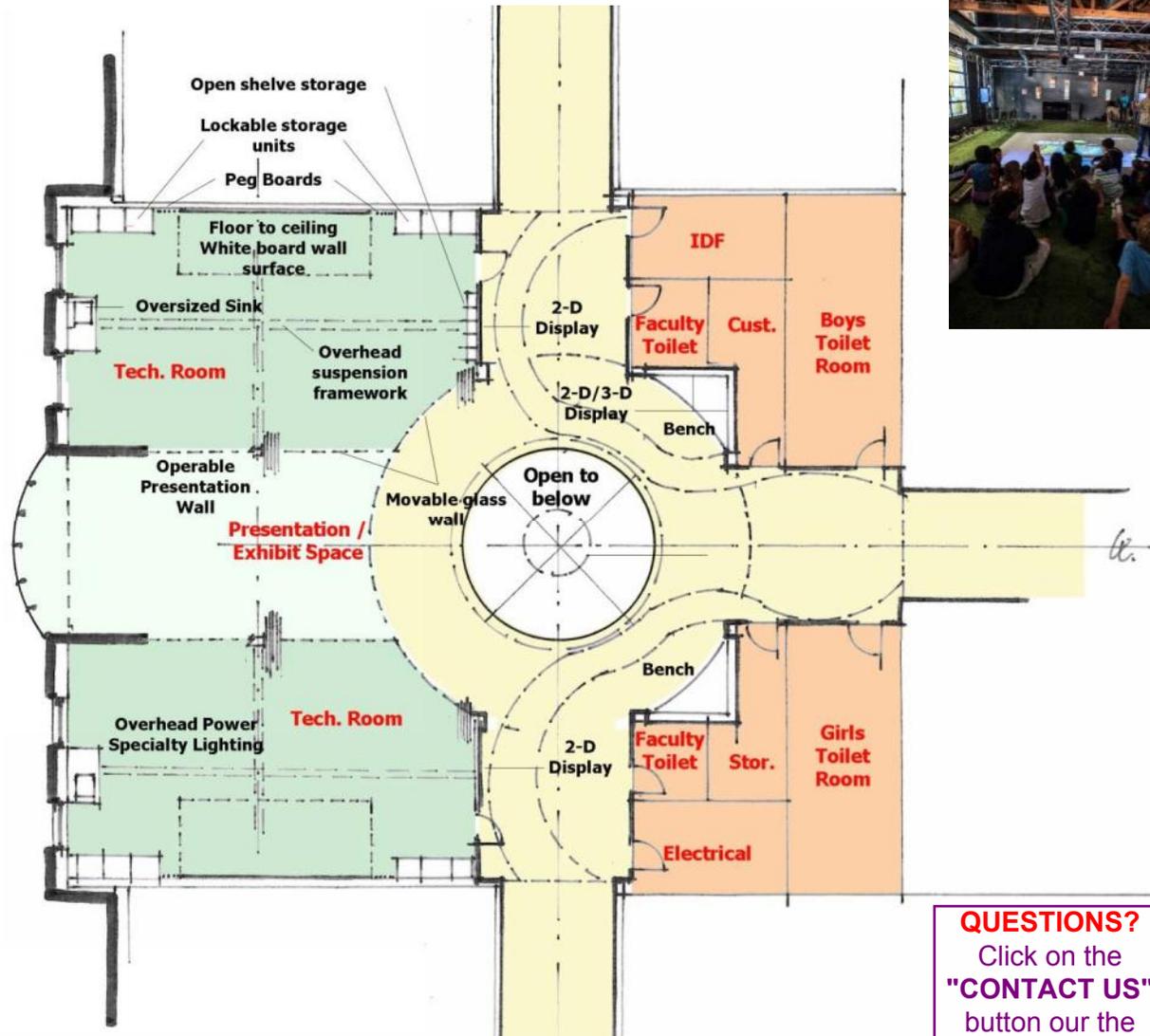
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FEATURES: Middle School Tech Rooms as proposed provide flexible education space to allow use of area as individual project based learning environments or as combined enlarged team collaboration space. Space design incorporates principles of multi-discipline learning, student collaboration, team activities, skills application, problem solving, and display of student work.



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04

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– MS Project Based Learning Labs /MS Tech CR

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Creating the ultimate information experience

Promote Life Long Learning (Provide the tools and inspiration for knowledge – graphic images, books, podcasts, ebooks, webinars, etc.)

Create a variety of research and learning environments: (soft seating, quiet zone, desk area, standing/seated research stations, small group, acoustically separated, etc.)



The School Library will be a focal point of this building. Space layout provides clear sight lines for adult supervision with space delineated for High School student use and Middle School student use. Space provides tools to promote life long learning and include a variety of research & learning environments. The space will be designed to meet the evolving principles of a digital media laboratory.

05

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Library Media Center

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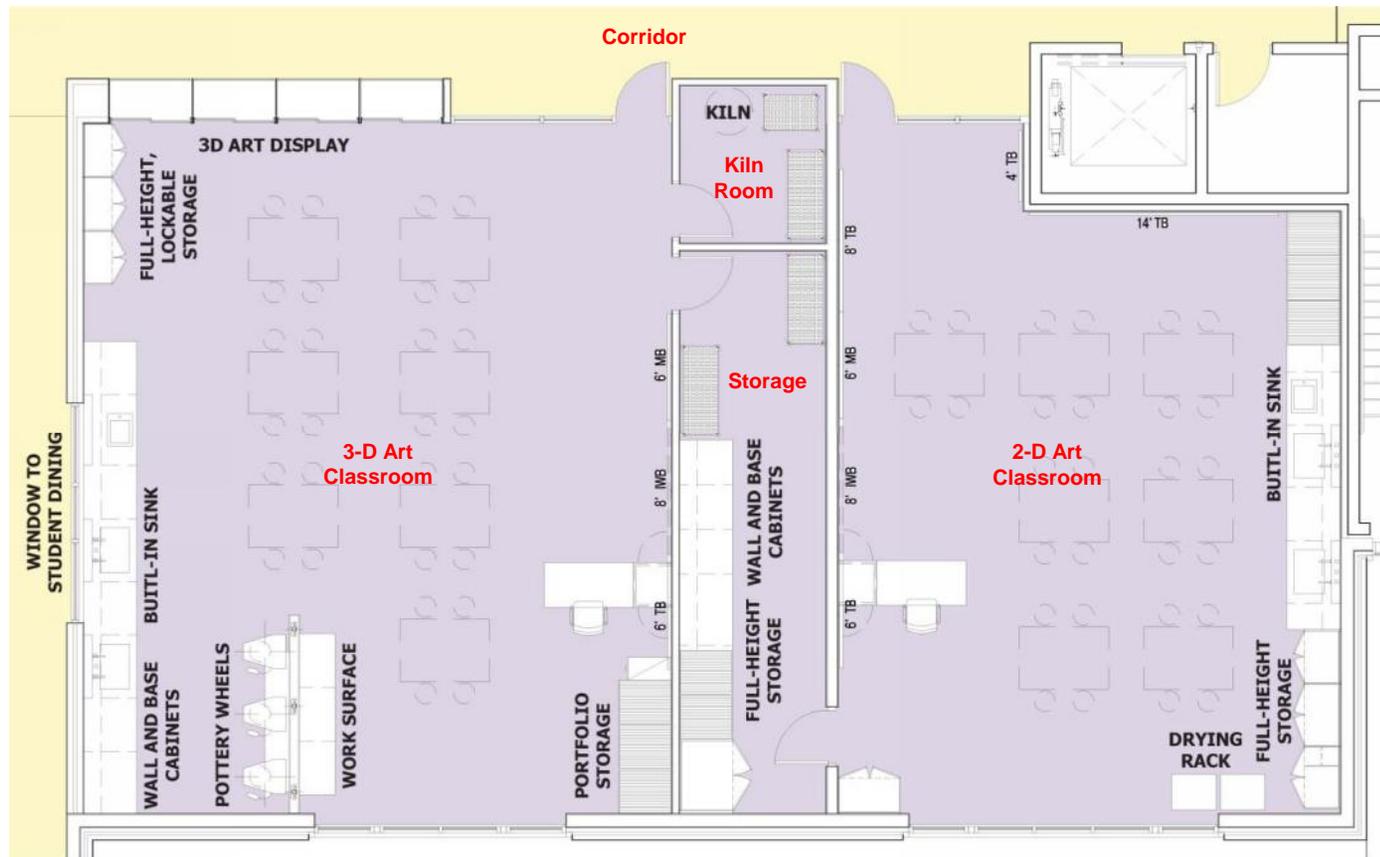


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As demonstrated by the number of Boston Globe award recipients each year, the students at Abington High School have consistently excelled in multiple disciplines of art production. To support these talented and visionary students, the proposed High School program will include "3D Art" providing space and amenities for sculpture, pottery and physical object art and "2D Art" providing space and amenities for canvas painting, sketching, etc.

06

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DRAFT – High School 3-D & 2-D Art Classrooms

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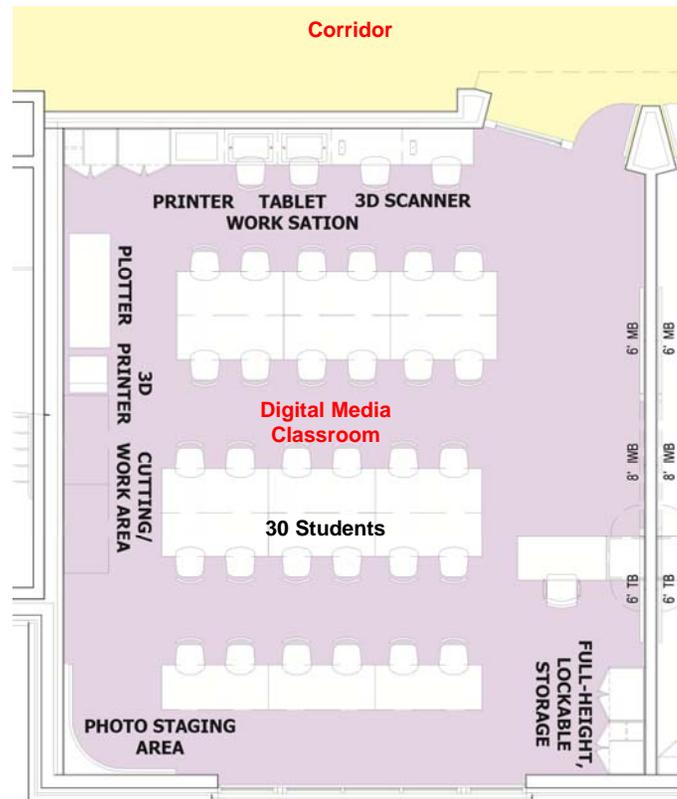
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The new National Core Arts Standards (NCAS) will include Visual Arts, Music, Dance, Theater, and Media Arts. Media Arts is an important new art form category for this framework and as such the new building will include a designated Digital Media Classroom. Additionally, the Digital Media Classroom provides an opportunity for new cross-disciplinary courses in STEAM (Science, Technology, Engineering, Art, and Math) which target project-based instruction in creative product design, device management, architecture and inventions.

07

DRAFT – High School Digital Media Classroom

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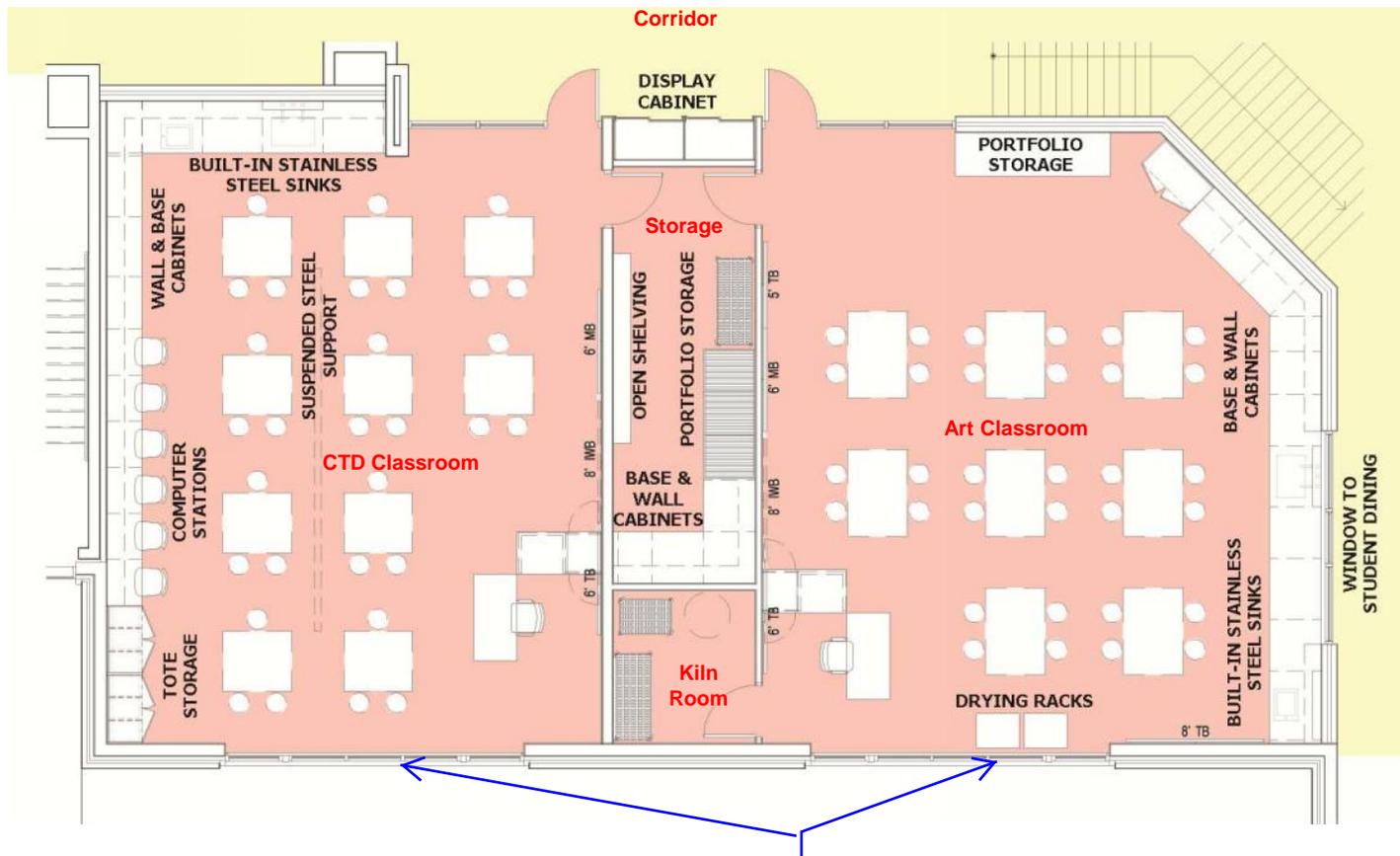
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Middle School Art Classrooms are designed with layouts that are open and flexible to allow teachers to adjust the learning environments and student work space for varied individual and group projects, instructional activities, and student presentation opportunities. Separate Art Storage areas are provided directly adjacent to support changing project and subject matter needs and ensure student safety.



Note the use of large window areas throughout the building to take advantage and encourage natural and free source for classroom lighting, known as "daylighting". Additionally, all classrooms will include lighting control systems that dim/switch electric lights automatically in response to the presence of daylight, a process known as daylight harvesting, to reduce energy costs and environmental impacts of building use.

08

DRAFT – Middle School Art Classrooms

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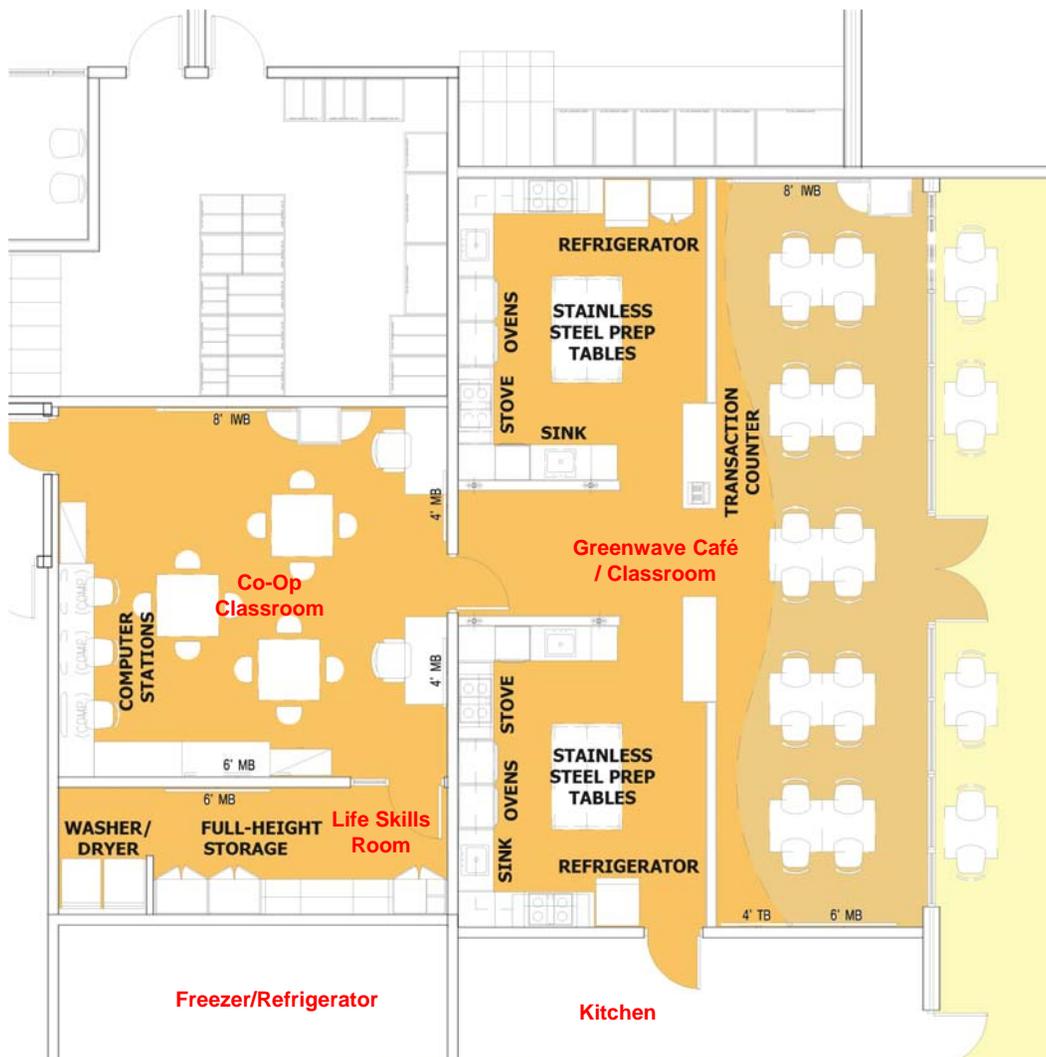


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The existing Abington High School contains a **special education skills learning area** affectionately called the "Green Wave Cafe". This very successful program, which trains students how to cook, prepare, clean, serve and sell food items will be replicated in the new Abington High School. The new school building will utilize ONE consolidated kitchen area to provide school lunch service for the Middle School cafeteria, High School cafeteria, and support operation of the Greenwave Cafe Classroom.



adjacent to
 High School
 Cafeteria

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09

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-Special Education- Co-Op / Life Skills

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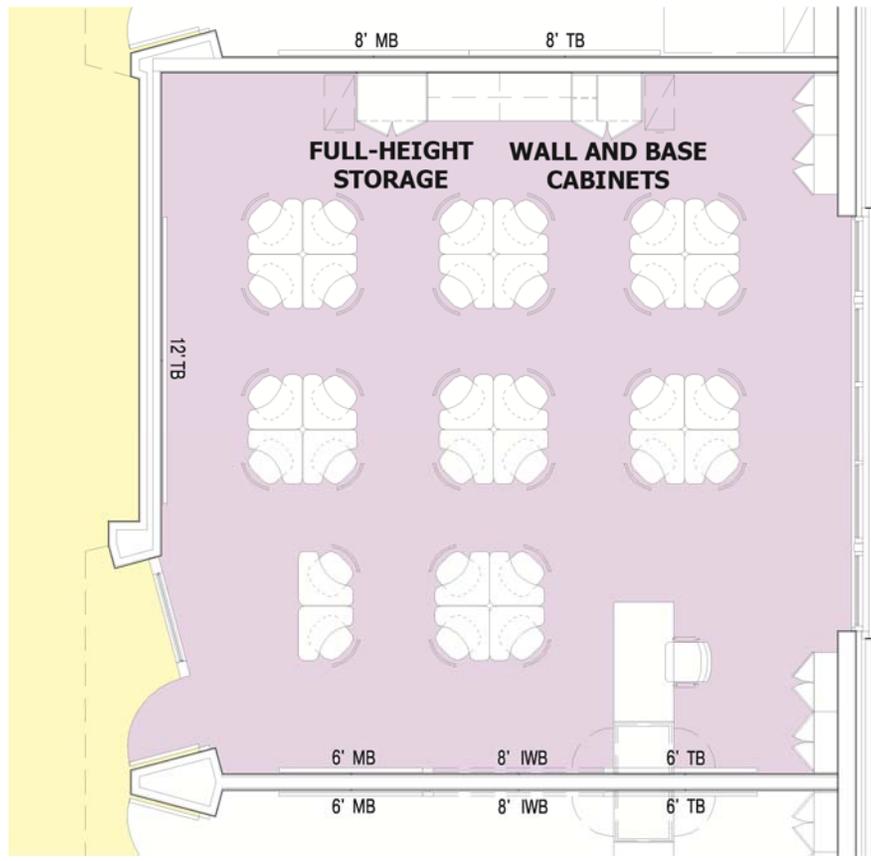
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Typical High School Classrooms are designed with layouts that are flexible to allow teachers to adjust the learning environments and student work space for varied individual and group projects, instructional activities, and student presentations.

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10

DRAFT – HS Typical Classroom

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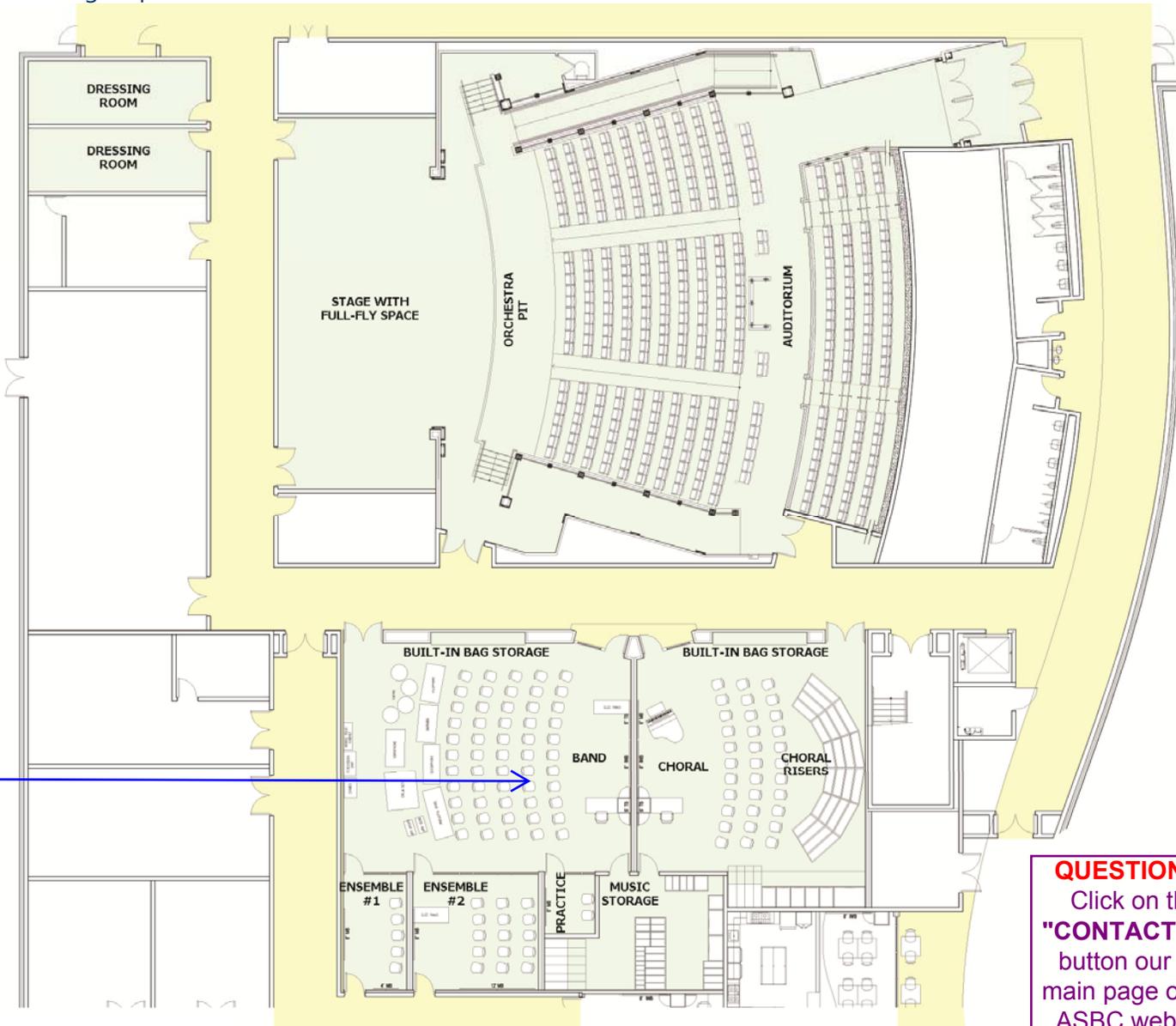
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Abington will no longer be the only area town without a modern performance facility. This area will be used by the School for drama shows, musical productions, band concerts, choral performances, public speaking classes, school assemblies, visiting speaker series, and other group instruction.

Areas planned for Band and Choral classes, practice and storage, which are located away from classroom areas to avoid sound trespass.



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11

DRAFT – Auditorium / Music

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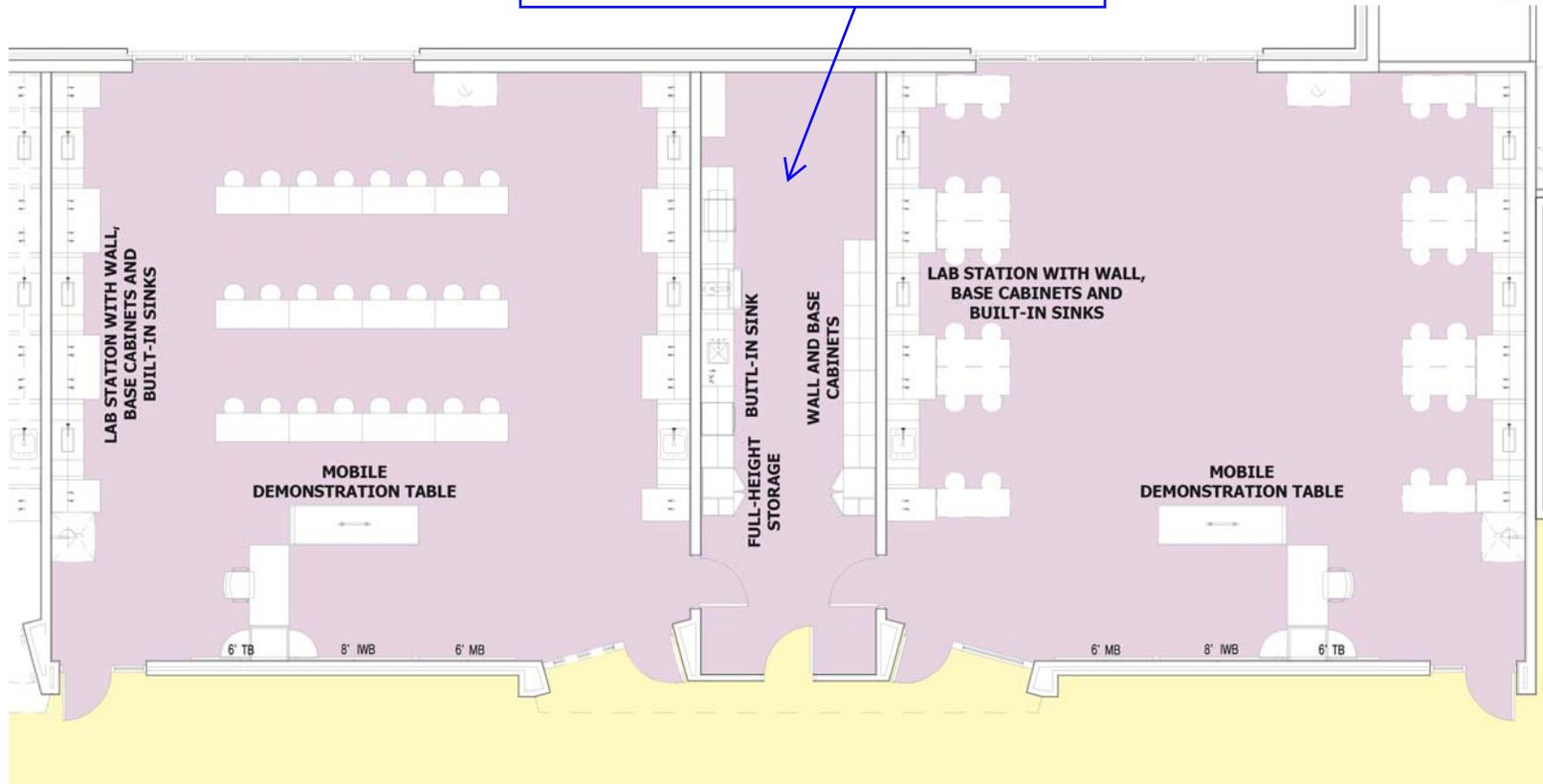
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Secured area shared by two science classrooms for materials storage and teacher lab preparation. Area is accessible only by staff.



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High School Science Labs are designed for expanded opportunities for teachers to conduct science, engineering, and technology-based demonstrations and hands-on laboratory experiments which cannot be performed in our existing high school, thus improving the educational opportunities for our students.

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DRAFT – HS Science Labs

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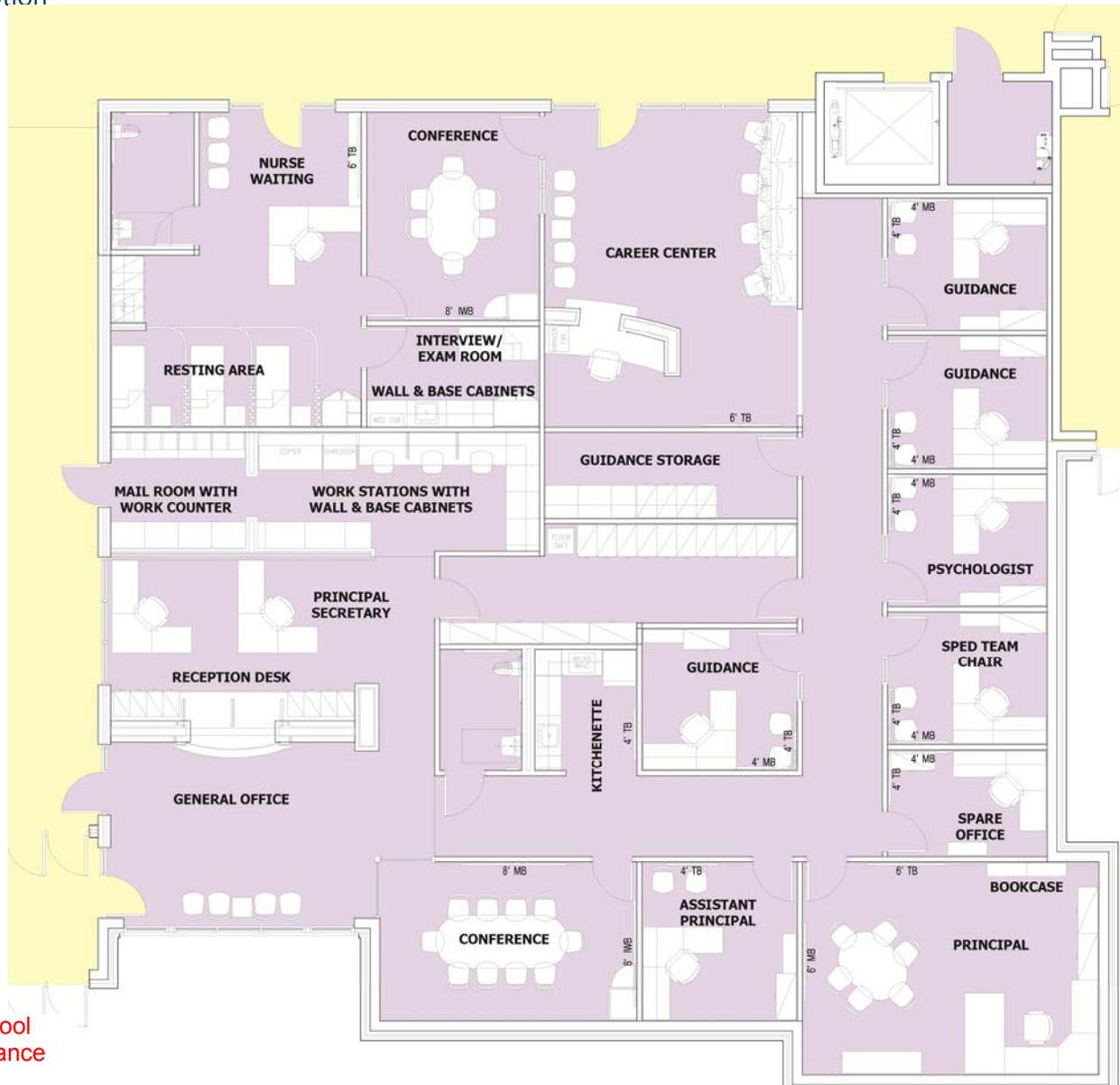
Preferred Schematic Design Option

FEATURES:

-Administration will now be centralized and use shared office facilities (principal, assistant principal, nurse & health services, guidance, Special Education, etc)

-Proposed layout does not require or contemplate the hiring of any additional staff.

-These offices will serve over 500 students and their parents or guardians.



High School Front Entrance

13

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– HS Admin, Guidance, Nurse /High School Main Office

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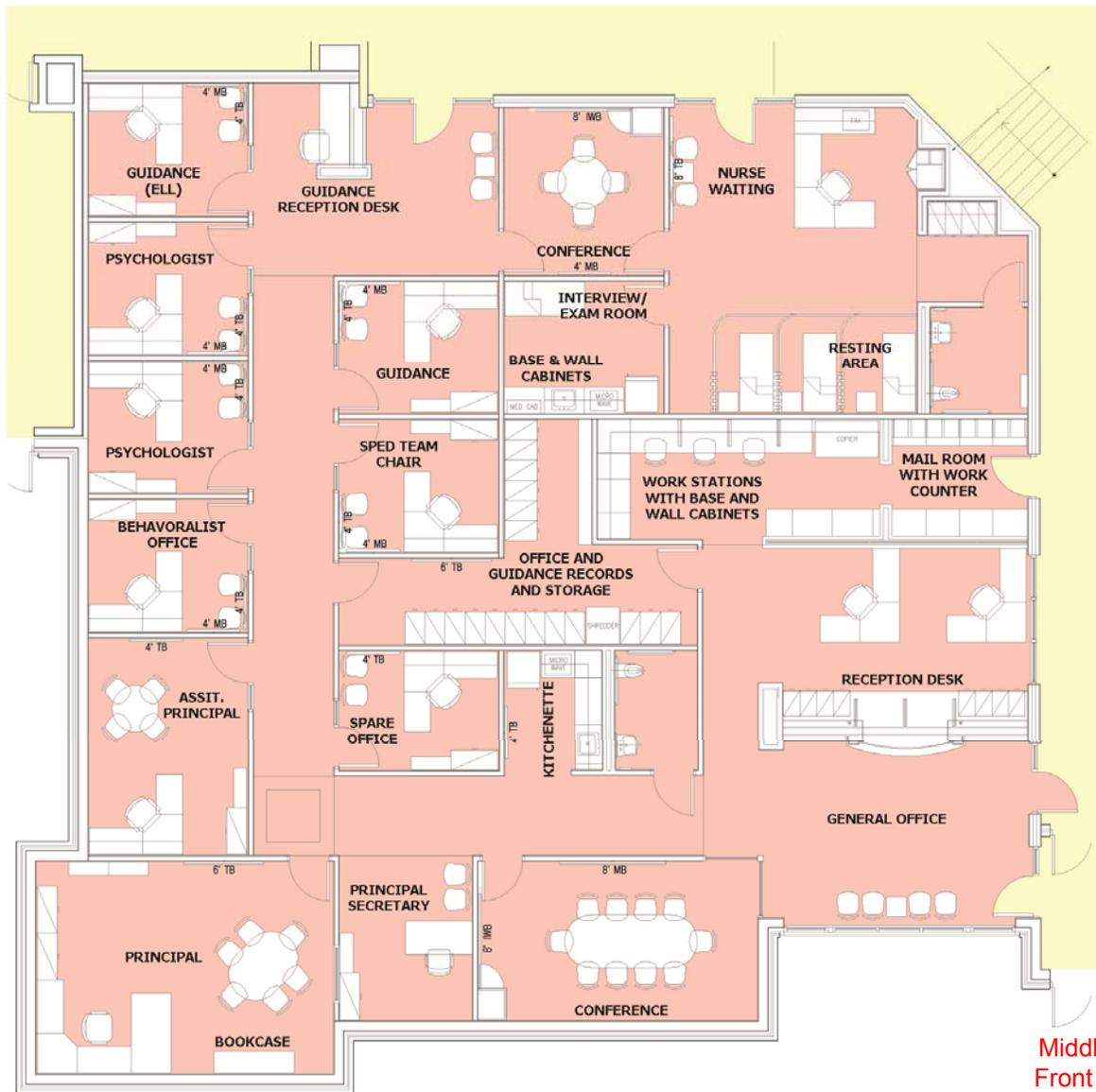
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Middle School Front Entrance

14

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DRAFT – MS Admin, Guidance, Nurse /Middle School Main Office

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