



INSPIRE • EQUIP • IMAGINE

2018 LONG-RANGE FACILITIES MASTER PLAN

EDUCATIONAL SPECIFICATIONS

MIDDLE SCHOOLS

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INTRODUCTION



INTRODUCTION TO FORT BEND ISD'S 2018 MIDDLE SCHOOL EDUCATIONAL SPECIFICATIONS

As Fort Bend ISD grows and builds new schools or renovates existing schools, the District is committed to creating future-focused learning environments that meet the needs of new generations of learners. These new construction projects must align with the Board-adopted strategic framework, including its Core Beliefs & Commitments that state all students can reach their full potential, and that FBISD will be a collaborative, efficient, and effective learning community. The District also believes that student success is best achieved in a supportive climate and safe environment.

In accordance with the Profile of a Graduate, FBISD is committed to producing graduates who have a rigorous academic foundation as well as other attributes that focus on the whole child. The construction of new middle schools and classroom additions provides Fort Bend ISD an opportunity to design and build these learning environments with this goal in mind, keeping an eye on student-centered learning and other future-focused design concepts outlined in these Middle School Education Specifications.

The Texas Education Agency requires all school districts to create and review a written educational program that guides the design process of new proposed facilities or major renovations. These education specifications should include a description of the proposed project, and a range of issues and alternatives to be considered. During this process, the district shall allow for input from teachers, other school campus staff, and District program staff in developing the educational specifications.

Educational specifications are necessary as they provide the link between learning and the design of educational facilities. They outline essential educational concepts and detailed facility needs, considering community values, current and future educational delivery, and the impact of technology on learning. Educational specifications are an integral part of the Fort Bend Independent School District Long Range Facilities Master Plan, and they have been developed to support the district's vision and strategic goals.

Educational specifications should support the overall educational goals of the district, yet be nimble enough to allow for the effective and efficient design of school facilities.

The educational specifications provide specific facility needs required to complement the district's educational delivery model. These will also provide consistency among similar project types from campus to campus, in order to reduce inequities, and simplify the planning process of future projects. Lastly, this document is a living document, in need of periodic update.

CORE BELIEFS & COMMITMENTS

Core Belief 1: All students can reach their full potential.

Commitment: Fort Bend ISD will provide an educational system that will enable all students to reach their full potential.

Core Belief 2: We believe student success is best achieved...

...through effective teachers that inspire learning.

Commitment: Fort Bend ISD will recruit, develop and retain effective teachers.

...in a supportive climate and safe environment.

Commitment: Fort Bend ISD will provide a supportive climate and a safe learning/working environment.

...by empowered and effective leaders throughout the system.

Commitment: Fort Bend ISD will provide and promote leadership development at all levels.

...in a well-functioning, high-performing community of learners.

Commitment: Fort Bend ISD will be a collaborative, efficient and effective learning community.

FBISD MISSION

Fort Bend ISD exists to inspire and equip all students to pursue futures beyond what they can imagine.

FBISD VISION

Fort Bend ISD will graduate students who exhibit the attributes of the *District's Profile of a Graduate*.

PROFILE OF A GRADUATE

A **Fort Bend ISD Graduate** has a rigorous academic foundation, strong character, and is...



...**equipped with skills for life.** Fort Bend ISD graduates exhibit grit and determination in all aspects of life; respect self and others; engage in healthy life choices; are literate and articulate; proficient with technology; and meaningfully and practically apply knowledge in productive ways.



...**a servant leader.** Fort Bend ISD graduates demonstrate confidence while maintaining a humble and kind demeanor; prioritizing the needs of others while accepting responsibility for themselves and are accountable for their own actions; are optimistic; and strive to bring out the best in others.



...**an effective communicator.** Fort Bend ISD graduates communicate clearly both orally and in writing; respectfully and actively listen to others; appropriately engage in courageous conversations; and appropriately adapt their communication style to the audience.



...**a critical thinker.** Fort Bend ISD graduates are visionary and solutions-oriented problem solvers; are inquisitive and innovative; and have the courage to actively challenge conventional methods in order to improve themselves and the world around them.



...**a compassionate citizen.** Fort Bend ISD graduates are empathetic to their fellow citizens, exhibiting care and concern for others; are inclusive and embrace differences; are culturally aware; actively engage in improving our diverse community; exercise their right to vote; and are dependable, respectful, trustworthy, and self-disciplined.



...**a collaborative team member.** Fort Bend ISD graduates work effectively with others to achieve group goals; take actions that respect the needs and contributions of others; yield their own objectives to the goals of the team; and positively facilitate and contribute to teamwork.



...**a life-long learner.** Fort Bend ISD graduates approach life with wonder and curiosity; seek opportunities to be creative; possess a thirst for knowledge and the ability to adapt to change; and are academically prepared to pursue and attain futures beyond what they can imagine!

DISTRICT GOALS



District Goal 1

Fort Bend ISD will provide an equitable learning environment that provides all students access to the FBISD curriculum.



District Goal 2

Fort Bend ISD will ensure students own and are responsible for their learning, behavior, and progress through the FBISD curriculum.



District Goal 3

Fort Bend ISD will provide an inclusive, collaborative, and fluid learning environment with opportunities for both risk-taking and success.



District Goal 4

Fort Bend ISD will develop students' social-emotional, academic, literacy, language, and life skills in a safe and secure Collaborative Community at every school.

DISTRICT INFORMATION

Fort Bend ISD is the eighth largest school district in Texas, and the largest in the county, with more than 75,700 students. The District spans 170 square miles and is located in the northeast part of Fort Bend County, just southwest of Houston and Harris County. The District maintains more than 1,200 acres of land. The District is also the largest employer in the county, serving more than 11,000 employees, including part-time and substitutes.

FBISD was formed in 1959, with the consolidation of The Missouri City Independent School District and Sugar Land Independent School District. At the time, the District consisted of only four schools (two elementary, one junior high and one high school). FBISD currently serves a growing population and has 79 campuses (11 high schools, 15 middle schools, 50 elementary campuses, and three specialized campuses to address vocational interests and special learning needs).

Recognized as one of the most diverse school districts in Texas and in the nation, our students represent countries from around the world and speak more than 90 different languages and dialects.

In FBISD, we are proud of the many national, state and local awards/honors we have received throughout the years. For the second consecutive year, FBISD has been honored in the H-E-B Excellence in Education award program. FBISD won the 2018 H-E-B Excellence in Education Large School District award; and in 2017, the H-E-B Excellence in Education School Board award, School Principal Secondary award and the Rising Star Secondary award. The District is also designated a 2018 Best Communities for Music Education and is the recipient of the 2018 U.S. Department of Defense's Above and Beyond award for employer support of the Guard and Reserve, the 2017 Recognized Law Enforcement Agency award and the Houston Business Journal's 2018 Healthiest Employer award.

Several FBISD schools are recognized as 2017-18 Honor Roll Schools by the Education Results Partnership and the Institute for Productivity Education. Seventy-two FBISD seniors were named Semifinalists in the 2018 National Merit Scholarship Program and FBISD's 2018 graduating Senior Class received more than \$163 million in academic and athletic scholarship offers. FBISD has also earned top ratings from internationally-recognized credit ratings agencies for its strong financial health and the quality of bonds issued.



DEVELOPMENT

PROCESS



1. INTRODUCTION AND PHILOSOPHY

Fort Bend ISD desired to update current educational specifications for elementary schools, middle schools and high schools. The design of these specifications was intentionally crafted to directly align to the desires of the community and Board of Trustees by honoring the Board-adopted strategic framework, including FBISD's Profile of a Graduate and Core Beliefs & Commitments. This framework provides the District's foundation for all future decision-making and was developed with significant community input. The Board-adopted Facility Standards (CS Local) philosophy states: The Board believes the physical environment impacts student learning. To that end, the District is committed to designing, constructing, adapting, renovating, and maintaining facilities that are adaptable for changing needs, inspire innovation, and produce future-ready students.

The Design Principles identified in the Board-adopted CS(Local) Policy established that the updated educational specifications should be directly aligned and designed to support the type of learning experience necessary for the students of Fort Bend ISD to develop the skills and attributes outlined in the Profile of a Graduate.

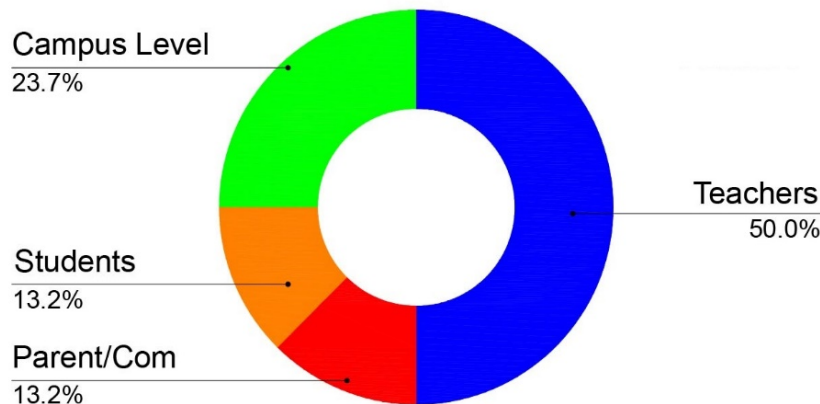
Three opportunities were scheduled for the members of the Board of Trustees to sit with the team to provide input and guidance on the development of the educational specifications. These sessions focused on ensuring that the vision for learning would be effectively and accurately reflected in the final educational specifications. Board members answered a series of questions related to their highest hopes for learners in Fort Bend ISD, what skills they believed graduates of the district would have to have to thrive in an unpredictable future, and what kind of experience all learners would require in order to develop those skills. All of the input collectively pointed back to the Profile of the Graduate developed in collaboration with the community. This input became the foundation the Educational Specification Learning Framework Committee would build upon during the collaborative design process.

2. EDUCATIONAL SPECIFICATION LEARNING FRAMEWORK COMMITTEE

To ensure the process of developing the educational specifications was inclusive, the district convened a varied group of internal and external district stakeholders, including students, to work through design processes facilitated by engage2learn. This team analyzed the information previously developed in collaboration with the community (Profile of Graduate, Core Beliefs & Commitments) as well as the Design Principles, developed and approved as policy (CS Local) by the Board of Trustees, to apply the Design Principles which guide the design of the ideal learner experience in every Fort Bend ISD learning environment, regardless of location or level. The guidance provided by the Board of Trustees and the collaboration between district and campus personnel, community members, parents and students led to the application of the Design Principles.

EDUCATIONAL SPECIFICATION LEARNING FRAMEWORK COMMITTEE COMPOSITION

DESIGN TEAM COMPOSITION (38 TOTAL)



Teaching and Learning

The dynamics of today's classroom have changed. The learning environment is no longer confined to a single classroom where lecture and transfer of knowledge happens from the front of the room. Technology and other tools create opportunities for student-centered learning in which students can develop learning pathways to match their circumstances and learning styles. The physical environment where this learning experience happens should serve as a tool for optimizing the student learning experience. To accomplish this goal, the Educational Specifications Learning Framework Committee process leaned heavily on the expertise of district and campus level leaders. The Educational Specifications Learning Framework Committee included members from the following district level departments: Strategic Planning, School Leadership, Information Technology, Extended Learning, Teaching & Learning, Special Education, CTE, Early Childhood, Counseling, Instructional Resources, Child Nutrition, VIPs, and Design & Construction. The team also included principals and teachers from elementary, middle, and high schools. Their input focused on first defining the ideal learner experience for the Fort Bend ISD community ensuring that the learning experience that was designed was explicitly aligned to the Walkthrough Tool and other district initiatives.

Members of this group provided significant input on the current state of teaching and learning in the district and context for all of the improvement efforts related to the new curriculum framework and blended learning initiatives. This information and guidance from each of these departments helped shape the learning framework and provided direction for optimizing the built environment to most effectively and efficiently support those efforts.

Community

An organization becomes maximally effective when stakeholder groups are working in harmony towards a common goal for learners. Fort Bend ISD established the intention to support and partner with parents, community members, and business partners in striving to reach the highest hopes for local students. The Fort Bend ISD community has been an integral part of the design of the district educational specifications in the development of the core documents (Profile of Graduate and Core Beliefs & Commitments), and the Board-adopted Facility Standards (CS Local) Design Principles to develop the final educational specification documents. After analyzing all of the foundational documents, seven members of the community and parents, including three PTO Presidents, worked side by side with district & campus personnel and students to collaboratively develop the learning experience and the Design Principles for the built environment would need to support that learner experience.

Students

Students are the reason school districts exist and listening to them is an integral part of a fully developed high-performance culture. Fort Bend ISD explicitly sought out and organized for the participation of students on the design team to ensure that what was developed truly did meet the needs of a future ready learner. Five students, seniors and juniors, worked along with the adults on the team and provided significant contribution to the overall design of both the learning experience and the application of the Design Principles for the built environment that are part of the foundation of the educational specifications.

Project Background and Methodology

In September of 2017, Fort Bend ISD partnered with PBK Architects to conduct a facilities assessment and revise/create new educational specifications to guide the district facilities planning moving forward. PBK Architects partnered with both IN2 Architecture to specifically design the educational specifications and engage2learn to lead the design processes to define both the learner experience and the design principles to optimize that experience. Using strategic design, Fort Bend ISD and these partners developed a comprehensive set of educational specifications using the following processes:

PROCESS	DELIVERABLE	TIMELINE
Board Member Visioning	<ul style="list-style-type: none"> Aligned vision 	October 2017
Ed Spec Departmental Focus Meetings	<ul style="list-style-type: none"> Reviewed responses to Teaching & Learning Considerations Questionnaire for each department Discuss departmental goals as they relate to the built environment Review future programs that may require space in new and existing facilities 	November, 2017 December, 2017
Education Design Committee Day Learning Innovation Design	<ul style="list-style-type: none"> Review FBISD Profile of a Graduate, Core Beliefs & Commitments, and Board approved Design Guidelines Developed FBISD Learner Experience 	November, 2017
Education Design Committee Day Environment Design Principles	<ul style="list-style-type: none"> Began Learning Model Protocols and Best Practice Alignment Determined Design Principles 	December, 2018
Ed Spec Departmental Follow Up Meetings	<ul style="list-style-type: none"> Reviewed Program of Spaces and recommended sizes. Reviewed initial layouts and activities 	February, 2018
Learning Experience Development Meetings	<ul style="list-style-type: none"> Reviewed outcomes of Design Committee meetings and aligned to district's curriculum plan 	April, 2018
Ed Spec Departmental Follow Up Meetings	<ul style="list-style-type: none"> Approved Program of Spaces and recommended sizes. Reviewed final layouts and activities 	June – July, 2018
Refinement and Production	<ul style="list-style-type: none"> Developed final version for review. Met to discuss all spaces and confirm layouts. Create final graphic layout of Educational Specifications. 	August – September, 2018

Ed Spec Departmental Focus Meetings

In order to capture insights from department leaders and teachers, a questionnaire was issued asking questions about the teaching and learning considerations that should inform the classroom and school design. Once answers were gathered, the team met with each group to review their answers, and to truly understand the needs of the learning environment today and in the future.

These meetings, which included over 50 district representatives, yielded detailed answers to the design of the learning environment, so that the education specification team could identify those systems, materials and equipment that would be needed to ensure the goals of each department. Follow up meetings with these groups took place in the fall of 2017, and spring and summer of 2018, to review these decisions, to ensure their expectations were met.

Application of the Design Principles for Learning Environment

The District curriculum supports a student-centered approach to instruction, which promotes student ownership of learning and aligns to the District Vision. A student-centered approach includes the components of instruction, assessment, and the learning environment to develop the attributes of the Profile of a Graduate.






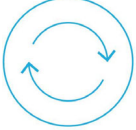
- ✓ **Student Centered Instruction** develops student ownership of learning through clearly stated learning intentions and defined success criteria aligned to established learning progressions.
- ✓ **Student Centered Assessment** develops student ownership of learning by promoting self and peer assessment, goal setting, and feedback, including opportunities for revision.
- ✓ **Student Centered Learning Environments** develop student ownership through established protocols for communication, collaboration, and feedback aligned to learning progressions.



DEVELOPMENT PROCESS

Based on the instructional approach and the desired student learning experience, as well as the board approved Design Principles(Facility Standards Policy CS Local), the Educational Specification Learning Framework Committee analyzed what type of built environment would be needed to optimally support the student centered instructional approach. These built environment elements were aligned with the Board-approved Design Principles for the ideal learning environments in Fort Bend ISD. These Design Principles served as standards for optimization as the educational specifications were developed. The charts below represent each of the board approved Design Principles, along with the operationalized design principles. In addition, a description of its function within the learning environment is provided.

SAFETY: Learning environments are designed with the under-standing that the safety of our students and staff is para-mount. For learning to take place, learning environments must be safe and secure, with design elements incorporating safety systems so that students and staff feel safe, welcomed and protected.




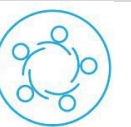

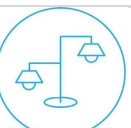
	Safety: Building has controlled access with crisis alert systems in each room. There are state of the art safety alert systems for fire and gas and high quality intercom or public address systems present. System of evacuation is designed for maximum efficiency and safety.
	Community Access: Buildings are designed to intentionally provide opportunities for access to encourage the involvement of the community as vested stakeholder and user of the district facilities.
	Inclusiveness: Internal and external aspects of the built environment are intentionally designed to include students of all abilities and the community.
	Learning Spaces: Equips students, inspires learning and fosters the development of the critical attributes included in the FBISD Profile of a Graduate such as collaboration, creativity, and critical thinking.
	Wellness Spaces: Environment allows for a connection to nature through the use of transparency and other biophilic elements. Spaces are diverse in size and shape to allow staff and students opportunities to recharge and refocus throughout the day.
	Movement: Allows for efficient and safe circulation of people and resources inside and outside of the building(s).

DEVELOPMENT PROCESS





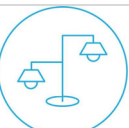
LEARNING: Learning spaces are designed to promote curiosity and wonder, inspire learning, equip students, and empower them to be responsible for their own learning.

	Furniture: Flexible and easily configured for autonomous or collaborative learning.
	Adaptive Spaces: Utilize materials, natural lighting, aesthetics, flexibility, inclusive of outdoor and wellness areas, to create a calm and inviting environment conducive to learning.
	Movement: Allows for efficient and safe circulation of people and resources inside and outside of the building(s).
	Inclusiveness: Internal and external aspects of the built environment are intentionally designed to include students of all abilities and the community.
	Learning Spaces: Equips students, inspires learning and fosters the development of the critical attributes included in the FBISD Profile of a Graduate such as collaboration, creativity, and critical thinking.
	Wellness Spaces: Environment allows for a connection to nature through the use of transparency and other biophilic elements. Spaces are diverse in size and shape to allow staff and students opportunities to recharge and refocus throughout the day.
	Community Access: Buildings are designed to intentionally provide opportunities for access to encourage the involvement of the community as vested stakeholder and user of the district facilities.
	Technology/Future Ready Tools: Environment provides access to technologically advanced tools, systems, processes, spaces, and futuristic advances to enhance the Learner Experience.
	Collaboration Spaces: Classrooms have visible and flexible space for collaboration both inside and outside of the room.
	Presentation Spaces/Writable Surfaces: Learning spaces are configured with multiple, flexible presentation spaces and surfaces throughout the building and classrooms are writable surfaces (e.g., whiteboards, portable whiteboards, smart boards, writable paint), and are accessible to all learners.

COMMUNITY: Buildings are designed to intentionally provide opportunities for community access and use. Buildings are a place of pride in the community and encourage the involvement of community members as vested stakeholders and users of the District facilities.

	Community Access: Buildings are designed to intentionally provide opportunities for access to encourage the involvement of the community as vested stakeholder and user of the district facilities.
	Aesthetics: Environment is appealing and welcoming by using unique, variable, and natural elements that foster an inspiring learning environment.
	Inclusiveness: Internal and external aspects of the built environment are intentionally designed to include students of all abilities and the community.
	Collaboration Spaces: Classrooms have visible and flexible space for collaboration both inside and outside of the room.
	Learning Spaces: Equips students, inspires learning and fosters the development of the critical attributes included in the FBISD Profile of a Graduate such as collaboration, creativity, and critical thinking.
	Adaptive Spaces: Utilize materials, natural lighting, aesthetics, flexibility, inclusive of outdoor and wellness areas, to create a calm and inviting environment conducive to learning.

SUSTAINABILITY: Buildings are designed to enhance the learning environment in a sustainable, energy efficient way, including, but not limited to lighting, air quality, temperature, and furniture.

	Sustainability: Spaces are energy efficient, using renewable energy and post-recycled materials when possible.
	Wellness Spaces: Environment allows for a connection to nature through the use of transparency and other biophilic elements. Spaces are diverse in size and shape to allow staff and students opportunities to recharge and refocus throughout the day.
	Technology/Future Ready Tools: Environment provides access to technologically advanced tools, systems, processes, spaces, and futuristic advances to enhance the Learner Experience.
	Learning Spaces: Equips students, inspires learning and fosters the development of the critical attributes included in the FBISD Profile of a Graduate such as collaboration, creativity, and critical thinking.
	Adaptive Spaces: Utilize materials, natural lighting, aesthetics, flexibility, inclusive of outdoor and wellness areas, to create a calm and inviting environment conducive to learning.

3. IMPLEMENTATION OF THE DESIGN PRINCIPLES

The Design Principles informed the revisions and development of the education specifications. These serve as the final confirmation that input from the Board of Trustees, Fort Bend ISD Staff and the Education Design Team were the driving force behind these specifications.

The Education Specifications team reviewed each of the Design Principles, and analyzed each space in each of the educational facilities (Elementary, Middle and High School) and integrated them in a manner that helped enhance the student experience (refer to Design Principle Implementation and Considerations).

4. CONCLUSION

Ultimately, this process has included the community's input and highest hopes for learners, defined an innovative learning experience for students, incorporated Board approved Facility Standards, and reinforce the design principles necessary to optimize that experience. The resulting educational specifications will allow Fort Bend ISD to provide learning environments for students to thrive. FBISD exists to inspire and equip all students to pursue futures beyond what they can imagine.



DESIGN PRINCIPLE IMPLEMENTATION AND CONSIDERATIONS



DESIGN CONSIDERATIONS

The Educational Specifications for Fort Bend ISD will provide the guidelines and design considerations for planning renovations of existing facilities or designing new facilities. What worked twenty years ago for a school now provides barriers to education, so a new approach and vision is needed.

With a goal of creating innovative learning environments for Fort Bend ISD, consideration must be given to the impact and importance of the learning environment on student achievement and behavior. Unlike previous years where research on the relationship between student achievement and the built environment was anecdotal, clear evidence has been found that well-designed school environments boost student's academic performance. In addition, well-designed school environments can result in reduced absenteeism, as school environments can affect children's health, concentration and performance. Research shows that children spend 90% of their time indoors, with a majority of that time spent in school, therefore school facilities should be designed to maximize the attributes of the built environment that impact learning, such as natural lighting, indoor air quality and acoustics.

Research overwhelmingly shows that the impact of the environment is a holistic experience, where a full range of factors are in play together. These factors are critically important to the users' experience of the spaces they occupy. The inclusion of these design principles represents a shift from a relatively passive focus to a fuller consideration of the active response of people to their built surroundings.

When planning, designing and renovating Fort Bend ISD's schools, consideration must be given to these factors, and their relationship to each other. The following pages discuss these design considerations in detail while providing photographic examples of practical applications at various schools across the nation. Each design consideration is aligned with the Fort Bend ISD's design principles which were the outcome of the Educational Specification Learning Framework Committee.

DESIGN PRINCIPLE IMPLEMENTATION



Furniture: Flexible and easily configured for autonomous or collaborative learning.

Design Considerations:

- No static rows of desks.
- Wheels to move furniture easily.
- Consider different shapes of furniture to allow for diverse learning settings.
- Tables with writable tops for enhanced collaboration.
- Adjustable heights and configurations of tables and desks to support our diverse learners.
- Soft seating areas to enhance casual connections.



DESIGN PRINCIPLE IMPLEMENTATION



Learning Spaces: Equips students, inspires learning and fosters the development of the critical attributes included in the FBISD Profile of a Graduate such as collaboration, creativity, and critical thinking.

Design Considerations:

- Learning spaces are diverse in size and shape.
- Learning spaces can connect through the use of folding walls or by the use of transparency.
- Provide flexible spaces for STEM exploration and maker space activities for increased opportunities for student collaboration and problem solving.
- The school building is awe inspiring through the use of graphics and bright day lit rooms.



DESIGN PRINCIPLE IMPLEMENTATION



Collaboration Spaces: Classrooms have visible and flexible space for collaboration both inside and outside of the room.

Design Considerations:

- Provide furniture that can be rearranged into groups to foster collaboration.
- Provide collaboration spaces flanking the classrooms to extend the learning outside of the classrooms.
- Provide transparency and connectedness from the classrooms to collaboration spaces.
- Learning spaces with folding walls allow for collaboration between classroom spaces.



DESIGN PRINCIPLE IMPLEMENTATION



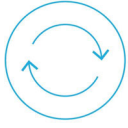
Presentation Spaces/Writable Surfaces: Learning spaces are configured with multiple, flexible presentation spaces and surfaces throughout the building and classrooms are writable surfaces (e.g., whiteboards, portable whiteboards, smart boards, writable paint), and are accessible to all learners.

Design Considerations:

- Multiple writable spaces on different walls in a space to activate all areas of the room.
- Different materials for writable surfaces to provide diversity, and to differentiate between permanent and temporary postings.
- Movable writable surfaces that help define spaces for group or individual work.
- Writable surfaces on furniture to enhance collaboration and team work.



DESIGN PRINCIPLE IMPLEMENTATION



Movement: Allows for efficient and safe circulation of people and resources inside and outside of the building(s).

Design Considerations:

- Provide ample hallways that allow for ease of circulation and supervision.
- Bring in natural light into circulation spaces for enhanced visual stimulation.
- Eliminate traditional corridors by providing collaboration areas and study nooks along the way.
- Provide outdoor areas that are easily accessible and allow for multiple classes at a time.
- **Provide display areas for student work.**



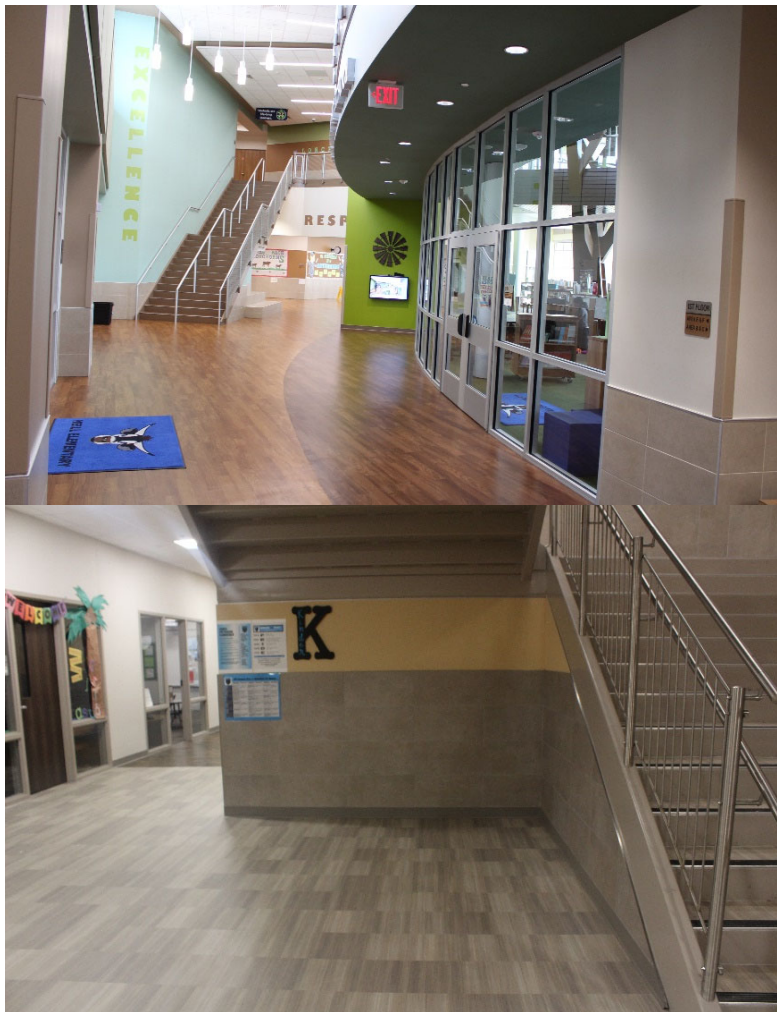
DESIGN PRINCIPLE IMPLEMENTATION



Adaptive Spaces: Utilize materials, natural lighting, aesthetics, flexibility, inclusive of outdoor and wellness areas, to create a calm and inviting environment conducive to learning.

Design Considerations:

- Utilize a color palette that is calming and conducive to learning.
- Provide natural light into all spaces with windows or skylights.
- Provide natural lighting into interior spaces with transparency that allows for borrowed light from exterior surfaces.
- Provide connections to the outdoor learning spaces and settings for a continuous process of learning.



DESIGN PRINCIPLE IMPLEMENTATION



Wellness Spaces: Environment allows for a connection to nature through the use of transparency and other biophilic elements. Spaces are diverse in size and shape to allow staff and students opportunities to recharge and refocus throughout the day.

Design Considerations:

- Introduce natural materials throughout the building to enhance the connection with nature.
- Provide visual connection to the outdoors for visual stimulation,
- Provide movable furniture that allows students and staff to be comfortable and recharge.
- Provide natural elements inside the building by creating spaces that emulate natural settings.



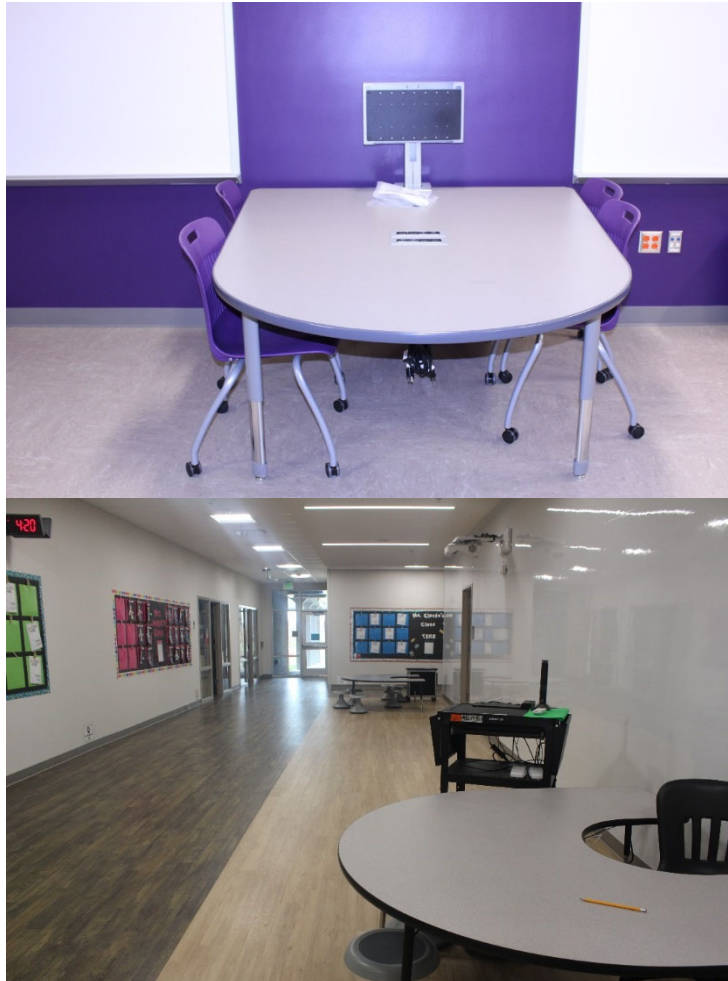
DESIGN PRINCIPLE IMPLEMENTATION



Technology/Future Ready Tools: Environment provides access to technologically advanced tools, systems, processes, spaces, and futuristic advances to enhance the Learner Experience.

Design Considerations:

- Access to technology resources should be abundant throughout the school.
- Provide robust wireless connectivity inside and outside the school.
- Provide mobile devices and the ability to charge them in multiple locations throughout the building.
- Consider using diverse projection devices depending on the setting and size of space.
- Provide furniture that supports technology and enhances collaboration.
- Provide daylight control to reduce glare on screened devices.
- Provide sound enhancement systems in learning spaces.



DESIGN PRINCIPLE IMPLEMENTATION



Sustainability: Spaces are energy efficient, using renewable energy and post-recycled materials when possible.

Design Considerations:

- Minimize energy usage with high efficiency building systems and components.
- Provide plentiful daylighting that allows for artificial lighting use to be reduced.
- Provide opportunities for students to make connections to the environment by making the building itself a learning tool.



DESIGN PRINCIPLE IMPLEMENTATION



Inclusiveness: Internal and external aspects of the built environment are intentionally designed to include students of all abilities and the community.

Design Considerations:

- Eliminate barriers that may limit participation and inclusion of all building users.
- Create flexible environments that can adapt to the daily lessons and to the diverse student population.
- Provide outdoor environments that are inviting and welcoming to all staff and students.



DESIGN PRINCIPLE IMPLEMENTATION



Aesthetics: Environment is appealing and welcoming by using unique, variable, and natural elements that foster an inspiring learning environment.

Design Considerations:

- Design using materials that are natural and diverse, stimulating to staff and students.
- Delineate spaces with different colors, materials and graphics to enhance wayfinding and provide inspiration daily.
- Create high volume, daylight filled spaces where students come together to work in large groups.
- Create a beautiful outdoor setting that capitalizes on the building's context and community.



DESIGN PRINCIPLE IMPLEMENTATION



Safety: Building has controlled access with crisis alert systems in each room. There are state of the art safety alert systems for fire and gas and high quality intercom or public address systems present. System of evacuation is designed for maximum efficiency and safety.

Design Considerations:

- Provide a clear sense of entry to direct visitors to the correct entry point to the building.
- Provide a welcoming, yet secure entry vestibule that controls access to the building during school hours.
- Provide simple circulation that allows for maximum ease of supervisions.
- Provide shielded outdoor areas that protect staff and students while in use.
- Provide state of the art security systems to allow for staff and students to feel safe while they are in the building, thus enhancing the learning experience.



DESIGN PRINCIPLE IMPLEMENTATION



Community Access: Buildings are designed to intentionally provide opportunities for access to encourage the involvement of the community as vested stakeholder and user of the district facilities.

Design Considerations:

- Provide large spaces where staff and student body can come together as an overall community of learners.
- Provide spaces where the community can come in and engage in the daily learning activities.
- The school should have a sense of place, responding to its context and providing the occupants with an experience that is highly connected to its place.
- Provide neighborhoods within the building so students belong to a community of learners.







EXECUTIVE BUILDING SUMMARY



EXECUTIVE BUILDING SUMMARY

Purpose of the Ed Specs

Designing a future ready school environment shouldn't be only defined by square footage, a construction budget, or a design aesthetic. More importantly, it's about establishing a relevant connection between learning and educational facilities. This document is intended to be used in conjunction with the educational and strategic goals for Fort Bend ISD, as well as the Core Beliefs, and District's Portrait of a Graduate. The educational specifications shall also be used in conjunction with the District's Long Range Facility Master Plan to support those goals and objectives.

Whether building new facilities or renovating existing campuses, the educational facility should be nimble to fulfill the current programmatic requirements of the District while being easily adaptable to future changes in the educational direction, and the effects those changes have on learning. Fort Bend ISD schools should support the district's focus of a student centered learning environment while ensuring that every student is connected to their future.

Although intended to ensure parity and consistency, the guidelines in this document are not intended to restrict the effective or efficient design of school buildings. Instead, flexibility to allow for minor deviations in spatial requirements is expected. Such flexibility is essential to good design, but should not be allowed to become a means of deviating from or lowering standards. During the course of the design of each project, the team of architects and engineers should work in concert with Fort Bend ISD staff and identify deviations, as outlined in the district's implementation procedures. The district may choose to update these specifications based on noted deviations, or changes in educational delivery and goals.

BUILDING CAPACITY

INTRODUCTION

What is Capacity?

Capacity is the number of students that can be accommodated in a building for instruction in a maximally efficient manner. Capacity numbers are affected by a series of variables including room use, planning factors, building infrastructure, class size and building codes. Planning factors are used to determine a ratio for teaching staff to students.¹

Capacity numbers are governed by state standards, but also reflect a school system's values and the resources the district has available. Class size policy, as determined by the School Board, directly affects a building's capacity total.

How is it determined?

Capacity numbers are calculated differently for different states and school districts, and they are also calculated differently for elementary and secondary schools.

Secondary schools' capacity is generated by multiplying the number of classrooms by a planning factor and then determining what elective spaces contribute to the capacity numbers in the facility due to usage. Spaces used all but one period of the day are counted towards capacity. In addition, the size of the core spaces (library, cafeteria, restrooms) is evaluated to determine a maximum number of users.

¹ The Texas Education Code states that for grades K-4, the student to staff ratio may not exceed 22:1; however, school districts that exceed that ratio may apply for waivers at the beginning of each school year. There are no requirements for secondary schools.

EXECUTIVE BUILDING SUMMARY

Why does it change?

As populations grow and change, a need may arise for changing a room's use. If a room is converted from a non-capacity bearing function (e.g., a computer lab) to a classroom space, a new classroom's worth of capacity is added to the total building calculation.

METHODOLOGY

DESIGN CAPACITY with Scheduling Factor of 85%

The total number of student "seats" the facility was designed to accommodate.

FUNCTIONAL CAPACITY with Scheduling Factor of 85%

Also considers the desired level of schedule flexibility and the curriculum and program offerings.

Middle Schools

Capacity was determined using the following criteria:

- Planning factor: 25 students per classroom
- All general use classrooms were counted.
- Elective and program spaces were included as follows:
 - Science classrooms and labs are included in the counts
 - Art is included in the counts.
 - Stem Labs were included in the counts.
 - Drama classrooms are included in the counts.
 - CTE classrooms such as Engineering were included in the counts.
 - Band, Orchestra and Choir rooms are included in the counts.
- The Competition and Practice Gyms were not included in the counts.
- Fine Arts Ensemble rooms were not included.
- Special Education classrooms were included in the counts. However, the number of spaces varies per school based on school demographics and programs housed in each school. All special education rooms were counted at 12 students maximum, although many will have less students.

Space	Quantity	No. of Students	Total
Classrooms	27	25	675
Journalism Classroom	1	25	25
Science Labs	9	25	225
Health Classroom	2	25	50
Specialized Classroom	3	12	36
Computer Lab	2	25	50
Architecture & Construction Lab	1	25	25
STEM/Robotics/Engineering Lab	1	25	25
CTE Instruction	1	25	25
Human Services Lab	1	25	25
Art Lab	2	25	50
Drama	1	25	25
Black Box	1	25	25

EXECUTIVE BUILDING SUMMARY

Space	Quantity	No. of Students	Total
Band Hall	1	60	60
Orchestra	1	40	40
Choir	1	60	60
Competition Gym	1	60	60
Practice Gym	1	15	15
Sub-Total			1,496
85% Utilization			(225)
Optimal Capacity			1,271

*Building Optimal Capacity to be 1,400 students, with core spaces for 1,600 students.

FUTURE READY LEARNING ENVIRONMENTS

Fort Bend ISD's renovations and new school facilities need to be designed to provide environments where innovation, creativity and collaboration will thrive. In order to best align these environments to Fort Bend ISD's Design Principles and the major themes from the Design Principles Committee meetings, facility design should consider the following considerations:

Naturalness:

Light: Diffused natural light helps to create a sense of physical and mental comfort, and its health benefits are many, boosting Vitamin D storage and increasing productivity. When combined with a well-designed artificial lighting solution, well-lit environments can be a boost to student success.

Air Quality: Opportunities to enhance air quality should be included, via a combination of outside air and mechanical ventilation. School age students breathe are particularly vulnerable to all types of pollutants because their breathing and metabolic rates are high, therefore particular care should be given to air quality.

Temperature: The right temperature can have a profound impact on achievement, as it can affect comfort levels and attention spans. Building orientation and sun glare control can greatly help with temperature goals.

Links to Nature: Access to the outdoor environments, and views to the exterior are associated with improvements in the creative process. Fort Bend ISD schools should include learning environments that open directly to outdoor learning areas that allow play and social interaction.

Individualization:

Flexibility: The flexibility of learning spaces and its furnishings can encourage individualization by offering a variety of opportunities for diverse settings, individualized learning and team work. Flexible learning environments allow for changes in pedagogical goals, educational programs and instructional deliveries.

Ownership: Personalization of a space is essential in the development of students' identities and sense of worth. Learning environments should include furnishings that are mobile, allowing students to reconfigure their space, and ample display areas to feature student work so students feel a connection to their learning environment.

Connection: In school environments, connection relates to the pathways between spaces. Enhancing those pathways, through engaging settings such as providing landscaping to enhance outdoor settings, and active hallways can result in a stronger connection for students and their learning environment.

Stimulation

Complexity: Visual diversity in an organized manner is linked to increased student engagement. However, too much complexity can be detrimental to learning. Therefore, environments that provide a bright sense to the classroom, without becoming too chaotic should be provided throughout.

Color: Introducing color in a planned manner can stimulate student engagement. Muted walls, not white, can provide a neutral palette for brighter elements, such as furniture and wall displays.

BUILDING SYSTEMS & UTILITIES

Fort Bend ISD schools shall be designed to be energy efficient, yet provide students and staff with the most effective learning environments to support learning. To that effect, schools should be designed to include the following:

Heating, Venting and Air Conditioning (HVAC)

- Heat and AC thermostat; connect all systems to FBISD energy management systems
- Provide dedicated HVAC for the following rooms:
 - MDF
 - IDF
 - Uniform Storage Rooms
 - Costume Storage Rooms
- Confirm adequate HVAC is provided where these items are present:
 - Copiers
 - Ice Machines
 - Vending Machines
- Building HVAC zoning:
 - Building HVAC design should align with building usage, mainly afterhours and summer usage. Provide separate zones for the following areas:
 - Cafeteria and all associated spaces
 - Kitchen and all associated spaces

Electrical

Power

- Provide a minimum two outlets on every wall in learning environments (Min. 8 per room)
- Provide outlets every 8' in all other locations.
- Limit floor outlets where possible. Refer to room layouts for specific locations.
 - Provide floor outlets at conference room tables. Coordinate with conference table design.
 - Provide retractable overhead power reels at Maker Space.
- Outlets to include both 110v power and USB.
- Refer to Appendix for Technology provisions.
- Provide multiple charging stations at library, dining, collaboration spaces, and corridors. Provide charging lockers in collaboration spaces.
- Provide dedicated outlets above countertops at teachers' lounge and workroom, and in areas where multiple appliances/machines will be used simultaneously.
- Provide adequate power and data for all copiers based on manufacturers recommendations.

Lighting

- 2x4 LED light fixtures
- Dual switching in all learning environments.
- Daylight harvesting as required by local codes.

Plumbing

- Provide electric drinking fountains with bottle filling capability
- Provide tempered and cold water connections for sinks in classrooms.
- Provide door access to all plumbing chases (7'-0" tall).
- Provide hose bibs in all restrooms for cleaning.

Refer to Fort Bend ISD's Technical Design Guidelines for detailed information on the above systems.

SUSTAINABILITY

School districts are continually embracing the benefits of sustainable schools. Smart design of the district's new schools and renovations of existing schools can not only create comfortable and ideal environments for learning, but will reduce utilities and operating costs for the district. Sustainable schools cost less to operate, allowing for the reallocation of resources to the classroom.

In general, the core principles of sustainability include the following:

- Decreasing the amount of energy the facilities consume, primarily electricity and water.
- Employing materials that are less resource consuming.
- Enhancing the learning environment by creating healthier indoor environments.

Sustainability will be a key factor in all decisions regarding learning environments and operational effectiveness. Student performance will be enhanced throughout the inclusion of daylighting, improved acoustics and other strategies. The operational effectiveness of the facility will be considered in addition to material and system selections with consideration to maintenance and ease of operation. The use of local materials will celebrate the spirit of the community and decrease overall costs.

Fort Bend ISD values sustainability in their schools. As part of the District's Guiding Principles, the District realizes the importance of its role as a steward of our resources. The schools should be used as an educational tool to teach students the importance of sustainable environments through displays, interactive maps and actual working sustainable features.

The District will utilize innovative green design principles consistent with the Leadership in Energy and Environmental Design (LEED) requirements, with the goal of meeting LEED Certification levels for all new projects and major renovations.

About LEED

LEED, or Leadership in Energy & Environmental Design, is a green building certification program that recognizes best-in-class building strategies and practices. To receive LEED certification, building projects satisfy prerequisites and earn points to achieve different levels of certification. LEED for Schools has their own set of prerequisites and credits that differ from other building rating systems. LEED stands for green building leadership. LEED is transforming the way we think about how buildings and communities are designed, constructed, maintained and operated across the globe. LEED certified buildings save money and resources and have a positive impact on the health of occupants, while promoting renewable, clean energy.

SAFETY & SECURITY

Student and staff safety in our schools is of paramount importance. While incidents of school safety failures still remain largely rare, increased media attention and recent security events have made school districts and the general public acutely aware of the vulnerability that confronts the typical public school facility on a daily basis. Safety and security must therefore be an important consideration of these educational specifications.

Fort Bend ISD schools are community schools, where volunteers, parents and the community are welcome. In order to ensure Fort Bend schools are safe and secure, the following minimum requirements must be included:

- Comply with CPTED (Crime Prevention through Environmental Design) principles. All new and major renovations projects to obtain CPTED certification.
- Exterior Security Factors
 - Sites will be fenced to ensure all playground areas and playfield areas are fully fenced. Fencing material to be as outlined in the Technical Design Guidelines, and/or as dictated by the area having jurisdiction.
 - Provide fencing around all portable buildings tying back to main campus.
 - Visibility is the primary deterrent. Landscaping must not provide places to hide or mask windows from street view.
 - Provide LED exterior lighting judiciously placed to enhance visibility and deter wrongdoing.
 - Provide decorative bollards at all major entry areas (Main entry, cafetorium, etc.)
 - Provide emergency call boxes close to parking areas and play areas.
 - Provide blank box for future camera phone and security camera system for future portables
- A single point of entry for visitors to the campus will be provided as part of all new campuses and campus renovations. This is accomplished through the use of a secure entry vestibule. The specific inclusions for this space are detailed in the space descriptions.
- Limit the number of entries/exits to a campus wherever possible, while still meeting emergency egress requirements as outlined by the governing building codes.
- Security camera systems and access control systems as outlined in the Technical Design Guidelines.
 - Security Camera numbers will be based on building configuration to ensure evidentiary quality video.
 - Access Control System Locations:
 - The security vestibule at the school's primary entrance
 - All exterior doors
 - All doors into Administration area from lobby and from all the surrounding corridors
 - Test storage and record storage rooms
 - MDF and IDF rooms
 - All hallway doors that separate classroom pods/wings
- Classroom door locks should allow classrooms to remain locked at all times.
 - Provide door lock at bottom of the door.
- Provide camera phone at all entries servicing portable buildings. In the case of a new building, identify area where portable buildings may be sited, and provide conduit and blank box for future system installation.
- Lockdown system as outlined in the Technical Design Guidelines.
 - Panic buttons must be provided at the main reception area, Principal's office and Principal's Secretary's office.
- Provide intrusion alarm keypads at front office, kitchen exterior door, and custodial exterior door.
- Provide emergency notification system from central district to school.

- Classroom pod/wing configuration should allow for the ability to secure each pod/wing independently in the case of a lockdown. This can be accomplished with doors that separate these areas and that are tied to the lockdown system. If these doors have glazing, the glazing must be protected with bullet resistant film as outlined in the Technical Design Guidelines.
- Building design should simplify corridor design to minimize hidden areas, and to help with supervision.
 - Provide gates to divide the building for afterhours use. Confirm locations with Fire Marshal.
- Provide 2 –way communication system at all classrooms.
- Provide all learning environment doors with vision panels or provide sidelights next to doors. Sidelights must have bullet resistant film. Confirm location of sidelights in layouts.
- Provide convex mirrors at all enclosed stairs to improve visibility and supervision.
- Provide room signs inside all rooms listing room number and emergency call number.
- Provide room signs in hallways that are perpendicular to the walls, to aide in wayfinding.
- Fort Bend ISD may choose in the future to provide all staff and students with RFID security access control cards.
- Coordinate with Fort Bend ISD regarding shelter in place location. These spaces would preferably have lower ceilings, and 2 wall separation from exterior.
 - Provide evacuation maps for district's use and identify shelter in place locations on map.

TECHNOLOGY

It is the intent of Fort Bend ISD to provide facilities that are focused and infused with technology on a broad scale to support students and staff and foster collaboration and community. In addition, they try to anticipate the future of technology, and plan for the ability to be flexible and adaptable to changes of programs, population and technology.

Therefore access to technology resources should be abundant and robust throughout. Technology supports education, and thus should be as flexible as possible. Learning spaces should encourage collaboration and group work with high access to digital technology. Wireless connectivity inside and outside should be included.

Details in technology provisions are included in the appendix to this document. Some building wide considerations:

- Wi-Fi access points at all learning areas. Number of access points will depend on room size. Minimum of 1 access point per classroom.
- Wi-Fi access points throughout building. Location of access points will vary by area:
 - Administration areas – Locate WI-FI access points in corridor/hallways. Number of access points will vary based on building design.
 - Common areas: Provide multiple WI-FI access points to ensure coverage.
 - Outdoor Learning areas: Provide multiple WI-FI access points to ensure coverage.
- For all settings, provide coverage map showing overlap areas for FBISD Technology Department approval.
- Power for student device carts needed in all classrooms and in spaces where a student device cart is required.
- Phones should be provided in every office and workroom.
- MDF rooms shall be centrally located in building.
- IDF rooms shall be located throughout building to meet cabling distance requirements. If building is multi-story, stack IDF rooms where possible.

- All Teacher Display Platers (TDP) are Contractor provided.
 - Locate teacher desk and TDP closest to Instructional Display Technology. If the room does not allow for this, then provide TDP adjacent to the Instructional Display Technology device.

ACOUSTICS

Poor acoustical design in classrooms can result in excessive noise that is disruptive to the learning process and affects speech perception, student behavior, and educational outcomes. Good acoustical design enhances speech clarity and limits background noise to protect speech quality for both students and teachers. Speech clarity is highly dependent on the architectural design of a classroom, including size, shape, and surface treatments.

Providing acoustically sound learning environments is paramount to learning, so Fort Bend ISD learning environments shall be designed with enhanced acoustical properties to meet CHPS-TX and LEED criteria.

When considering renovations, classroom noise must be minimized. Classroom noise includes any auditory disturbance that interferes with what a listener wants and/or needs to hear, including noise from outside of the building (i.e., exterior noise intrusions, such as highway traffic, playground noise, jets) heard through the building structure; noise from within the building (e.g., children walking and talking in the halls, class bells, noise heard from room to room); noise from within the classroom (e.g., mechanical noise from the HVAC, clanking water pipes, technology used in the classroom).

Excessive reverberation in a classroom causes additional disturbance due to acoustic reflections. The desired signal is diluted due to reflections, which can also cause an increase in background noise levels.

Fort Bend ISD schools will be designed to the following minimum design standards:

1. All walls around classrooms and learning environments to run to underside of deck, and should achieve STC ratings as follows:

STC 45	If the adjacent space is a corridor, stair well, or office/conference room.
STC 50	If the adjacent space is another core learning space, speech classroom or clinic <ul style="list-style-type: none">• Folding partitions in classrooms must meet this minimum requirement.
STC 53	If the adjacent space is a restroom or outdoor space
STC 60	If the adjacent space is a music room, mechanical or electrical room, cafeteria, gym or athletic space

Reverberation criteria to meet LEED requirements in order to get certification. Where possible and budget allowable, meet ANSI/ASA S12.60-2010/ Part 1 "American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools."

Lastly, all fine arts performance and musical spaces need to be designed with the help of an acoustical designer, so enhanced requirements can be correctly calibrated to the need. Other spaces that need this calibration include cafeteria, cafetorium, stages, and broadcast rooms.

EXECUTIVE BUILDING SUMMARY

GENERAL NOTES

Some general requests to include are as follows:

- Lockers may be used at campuses for student use. Revisit the need to include prior to design.

CODES AND REGULATIONS

All Fort Bend ISD schools shall comply with the Texas Education Agency's School Facility Standards, Texas Administrative Code, Chapter 61, Subchapter CC, Rule 61.1036.

All Fort Bend ISD schools shall comply with Architectural Barriers Texas Accessibility Standards (TAS), adopted in 2012.

All Fort Bend ISD schools shall comply with building codes as adopted by the cities within our boundaries. In the case there is no code adopted, our schools shall abide by the current version of the International Building Code.

MIDDLE SCHOOL PROGRAM OF SPACES

Space/Function	Qty	SF	Total SF	Notes
ADMINISTRATION SUITE				
Administration				
Secure Entry Vestibule	1	450	450	
Visitors Restroom	1	60	60	
Reception/Waiting Area	1	200	200	
Attendance Office	1	200	200	
Administration Storage	2	75/150	225	One at 75 SF, one at 150 SF
Vault	1	75	75	
Volunteer in Public School Office (VIPS)	1	200	200	
Principal's Secretary	1	200	200	
Principal's Office	1	250	250	
Principal's Conference Room	1	300	300	
Workroom/Mailroom	2	400	800	
Mother's Room / Lactation	1	80	80	
Administration Restroom	2	60	120	
Faculty Lounge	1	600	600	
Faculty Lounge Restrooms	2	60	120	
Associate Principal Office	1	225	225	
Assistant Principal Office	3	225	675	
Assistant Principal Secretary/Waiting	3	150	450	
Assistant Principal Conference Room	3	200	600	
Clinic				
Clinic Aide/Waiting Area	1	300	300	
Treatment Area	1	400	400	Cot/Isolation and Restroom
Nurse Office	1	150	150	
Storage Room	1	60	60	

EXECUTIVE BUILDING SUMMARY

Space/Function	Qty	SF	Total SF	Notes
Counseling Suite				
Counseling Secretary/Reception	1	250	250	
Counselor's Office	3	200	600	
Conference Room	2	300	600	
Special Education Offices	1	450	450	(CCC, Diagn, LSSP, SLP)
Therapy Testing	2	80	160	
Testing Storage	1	160	160	
IPS Office	1	450	450	
Data Input Office	1	150	150	
De-Escalation Area	1	120	120	
Records Room	1	100	100	
Copy Area	1	80	80	
Campus Assistance Coordinator	1	250	250	
ADMINISTRATION SUITE SUBTOTAL:			10,110	SF
ACADEMIC CLASSROOMS				
Academics				
Classrooms	27	800	21,600	
Journalism Classroom	1	900	900	
Journalism Storage	1	100	100	
Broadcast Room	1	200	200	
Science Labs	9	1,400	12,600	
Science Prep Room/Storage	6	300	1,800	
Digital STEM Labs	3	1,000	3,000	
Digital STEM Lab Storage	3	80	240	
Multi-Purpose Lab (LGI)	3	1,600	4,800	One per grade level
ISS Classroom	2	800	1,600	
PLC	3	500	1,500	One per grade level
Speech Therapy	2	400	800	
Book Storage	2	400	800	One on each floor
Collaboration	3	1,400	4,200	One per grade level
Department Storage	9	150	1,350	Three per grade level
Student Restrooms	6	250	1,500	One each (boy/girl) per grade level
Unisex Staff Restroom	3	60	180	One per grade level
ACADEMIC CLASSROOMS SUBTOTAL:			57,170	SF
Special Education				
Instructional Pull-Out Space (IPS)	6	600	3,600	Located within Academic Wing
Specialized Classroom	2	1,000	2,000	
Specialized Classroom	1	750	750	
Utility Room	1	250	250	
Kitchenette	1	250	250	
OT/PT Motor Lab	1	450	450	
Specialized Classroom RR	1	290	290	
SPECIAL CLASSROOMS SUBTOTAL:			7,590	

EXECUTIVE BUILDING SUMMARY

Space/Function	Qty	SF	Total SF	Notes
CAFETERIA / KITCHEN / CUSTODIAL				
Cafeteria / Student Dining				
Cafeteria/Commons	1	8,000	8,000	20' min. ceiling height
Chair/Table Storage	1	500	500	
Stage	1	1,200	1,200	18' min. ceiling height
Stage Storage	1	250	250	
School Store	1	150	150	
Student Restrooms	2	250	500	One boys and one girls
Kitchen				
Serving Area	1	1,750	1,750	
Food Preparation	1	1,750	1,750	
Dry Storage	1	300	300	
Manager's Office	1	100	100	
Walk-in Cooler	1	180	180	
Walk-in Freezer	1	180	180	
Receiving Area	1	100	100	
Locker Room	1	100	100	
Staff Restroom	1	100	100	
Warewash	1	360	360	
Utility Room	1	100	100	
Service Yard	1	0	0	
Paper Storage	1	180	180	
Food Cart Vending	1	100	100	
Conference / Breakroom	1	200	200	
Custodial				
Custodial Breakroom	1	250	250	
Custodial Office	1	100	100	
Custodial Closets	6	60	360	Located throughout building
Custodial Storage/Receiving	1	400	400	
Recycling Storage	1	150	150	
CAFETERIA / KITCHEN / CUSTODIAL SUBTOTAL:			17,360	SF
CTE AREA				
Computer Lab	2	1,600	3,200	
Architecture & Construction Lab	1	2,000	2,000	
Architecture & Construction Storage	1	320	320	
Architecture & Construction Tool Storage	1	200	200	
STEM/Robotics/Engineering	1	1,600	1,600	
Human Services Lab	1	1,800	1,800	
CTE Instruction	1	750	750	
Utility Room	1	150	150	
Pantry	1	100	100	
Project Storage	2	250	500	
Student Restrooms	2	250	500	One boy's and one girl's
CTE AREA SUBTOTAL:			11,120	SF

EXECUTIVE BUILDING SUMMARY

Space/Function	Qty	SF	Total SF	Notes
FINE ARTS				
Art				
Art Lab	2	1,200	2,400	
Art Storage	1	400	400	
Kiln	1	150	150	
Drama/Theater				
Black Box	1	1,200	1,200	18' min. ceiling height
Drama Classroom	1	1,000	1,000	18' min. ceiling height
Drama Office	1	150	150	
Drama Costume Storage	1	150	150	
Scene Storage	1	200	200	
Band				
Band Hall	1	2,400	2,400	20' min. ceiling height
Band Library	1	100	100	
Band Office	1	180	180	
Band Ensemble Room	1	1,200	1,200	
Band Instrument Storage	1	300	300	
Choir				
Choir Hall	1	1,450	1,450	20' min. ceiling height
Choir Library	1	100	100	
Choir Office	1	150	150	
Choir Ensemble	1	600	600	
Choir Storage	1	150	150	
Orchestra				
Orchestra Hall	1	1,600	1,600	20' min. ceiling height
Orchestra Library	1	100	100	
Orchestra Office	1	150	150	
Orchestra Ensemble	1	900	900	
Orchestra Instrument Storage	1	200	200	
Fine Arts Workroom	1	200	200	
Shared Practice Rooms	6	80	480	
Restrooms	2	250	500	One boy's and one girl's
FINE ARTS SUBTOTAL:			16,410	SF
LIBRARY				
Library/Learning Center	1	5,300	5,300	
Maker Space	1	500	500	
A/V Storage	1	200	200	
Library Office	1	120	120	
Library Workroom	1	460	460	
Library Restroom	1	60	60	
LIBRARY SUBTOTAL:			6,640	SF
ATHLETICS / PHYSICAL EDUCATION				
Competition Gym	1	10,000	10,000	
Competition Gym Storage	1	330	330	

EXECUTIVE BUILDING SUMMARY

Space/Function	Qty	SF	Total SF	Notes
Practice Gym	1	8,300	8,300	
Practice Gym Storage	1	300	300	
Lobby	1	1,600	1,600	
PE Storage	1	150	150	
Visitor's Restroom	2	250	500	Off lobby
Laundry	1	250	250	
Training Room	1	200	200	
Weight Room	1	1,200	1,200	
Vending	1	140	140	Open to outdoors and indoors
Health Classroom	2	1,100	2,200	
Outdoor Restrooms	2	200	400	Access to/from outdoors
Kickstart Classroom	1	1,600	1,600	
PE Locker	2	1,600	3,200	(1) Boy's / (1) Girl's
Athletics				
Coaches Office	2	800	1,600	(1) Boy's / (1) Girl's
Coaches Dressing	2	200	400	(1) Boy's / (1) Girl's
Girl's Team Locker	1	1,500	1,500	
Girl's PE/Team Restroom	1	200	200	
Boy's Team Locker	2	700	1,400	
Boy's PE/Team Restroom	2	200	400	
Shower Rooms	2	200	400	(1) Boy's / (1) Girl's
Team Storage	3	600	1,800	(1) Boy's / (1) Girl's
Outdoor Storage	1	100	100	
ATHLETICS / PHYSICAL EDUCATION SUBTOTAL:			38,170	
SECURITY				
School Resource Officer (SRO)	2	100	200	
SECURITY SUBTOTAL:			200	
TECHNOLOGY				
IT Office	1	150	150	In Administration
Student Devices Cart Storage	1	200	200	
MDF Room	1	150	150	
IDF Rooms	7	100	700	
TECHNOLOGY SUBTOTAL:			1,200	

EXECUTIVE BUILDING SUMMARY

SUMMARY SUBTOTALS:

Administration Suite	10,110
Academic Classrooms	57,170
Special Education	7,590
Cafeteria/Kitchen/Custodial	17,360
CTE	11,120
Fine Arts	16,410
Library	6,640
Athletics/Physical Education	38,170
Security	200
Technology	1,200

***Subtotal* 165,970**

Circulation 35%	58,090
MEP 10%	16,597

GRAND TOTAL: 240,657



SITE

ELEMENTS



1. MIDDLE SCHOOL OVERALL SITE PLAN

Site plan should comply with State and local codes and ordinances. Additional requirements that were used as a basis for the guidelines indicated in these Educational Specifications follow.

Site Layout and Main Entry:

- The minimum site area for a middle school is 25-35, but the actual size may be impacted by the configuration of the property, access to roadways and utilities, topography and drainage and easements, and existing trees. It may be appropriate/prudent to have site plan studies prepared in advance to purchasing a site to verify that the site will meet the school requirements.
 - Site layout shall allow for space for five portable classroom buildings.
- Parking drop off, bus loading areas, and parking shall be separated to allow students to enter and exit the school grounds safely.
 - Parent drop off lanes shall allow for queuing for 75 cars.
 - Bus drop off canopy shall be 250 linear feet minimum.
- Parking spaces are sufficient for staff and visitors. Provide the following minimum parking counts:
 - Visitors 88 spaces
 - Staff 115 spaces
 - Buses Confirm with transportation – based on demographics
 - Load at parking areas close to after-hours activity spaces such as the gym and athletic fields.
- Provide separate drop off /pick up areas close to the entrance to the campus for special education.
- Main entry to the campus shall be easily identifiable, and immediately accessible off parent drop off area. Canopies that shield students from inclement weather should be considered.
 - Provide one flag pole in close proximity of the Main Entry.
 - Provide one marquee sign by main entry drive.

Play Fields

- Provide the following playfields for athletics and physical education:
 - One Football field- Track, lights, football goal posts, soccer goals, bleacher seating for 460 spectators, no press box. Field orientation should be North-South if site allows.
 - One Practice Football field adjacent to the competition field. No bleachers, no goal posts, no lights.
- Provide four tennis courts, no bleachers, no lights.
- Provide backstops for baseball and softball on grass fields. No infields, no mounds, no lights.
- Provide cages for discus and shot put.
- Provide potable water connections at fields and tennis courts.

Outdoor Learning Areas:

- Learning shall not be bound to the classroom areas, therefore access to outdoor learning spaces should be provided. These areas to include diverse settings, including seating areas, planting areas and group areas.

Delivery and Service Areas:

- Delivery and service areas shall be located to provide vehicular access that is separate from parent and bus drop off areas, and does not jeopardize the safety of students and staff.
- Delivery/ utility vehicles have direct access from the street to the delivery area without crossing over playground, field areas, or drop-off.
- Trash pickup dumpsters are fenced within service yard and away from foot traffic areas.
- Service yard to be enclosed with a masonry wall to match building exterior.
 - Service yard shall be considered a scheduled space, with painted masonry walls



ADMINISTRATION



1. PROGRAM DESCRIPTION

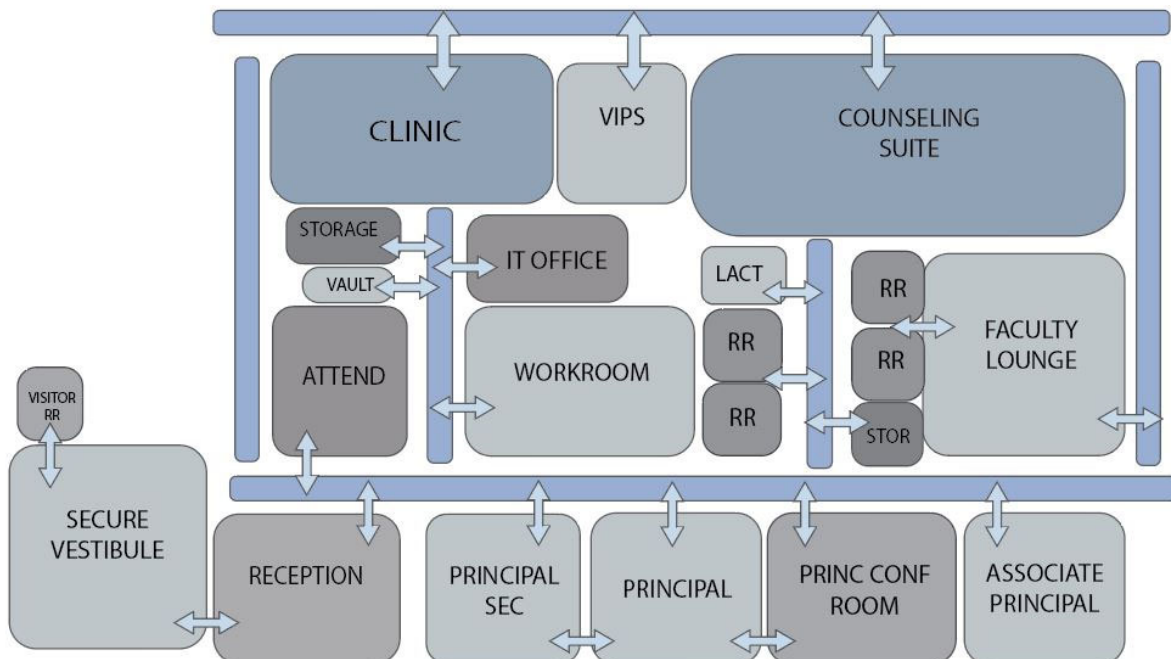


The administration suite of middle school campuses should serve as a welcome center for everyone visiting the campus. Entry into the building via a secure vestibule will lead students, parents and visitors directly to the school after their documentation has been verified. A reception/waiting area flanks the secure entry vestibule, where visitors can be easily directed to one of the many specialty spaces housed within the area. A visitor restroom shall be provided off the security vestibule.

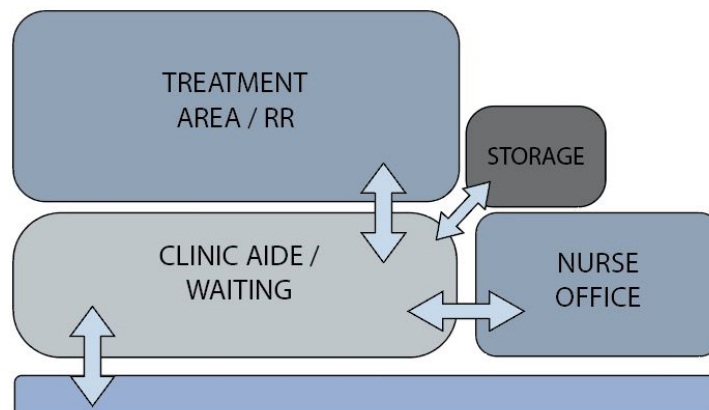
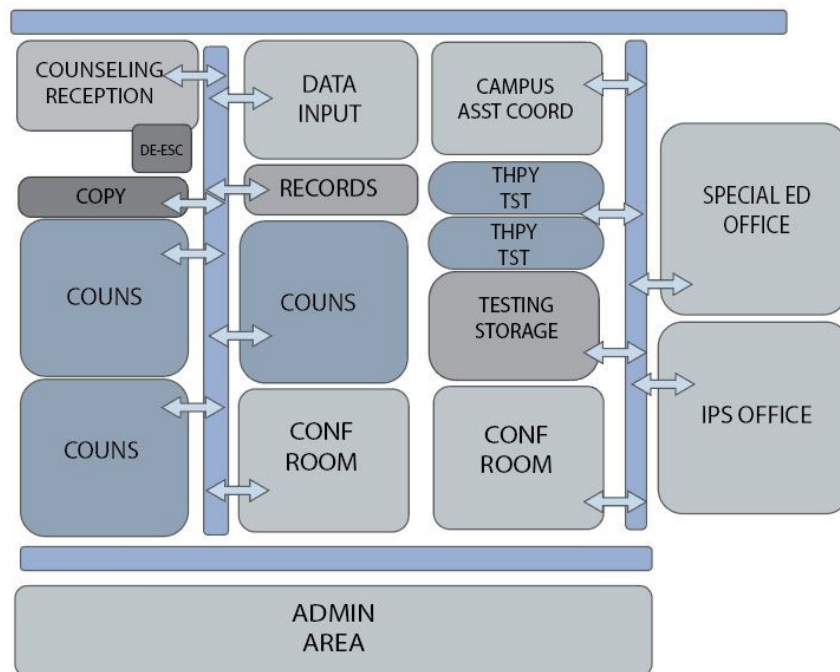
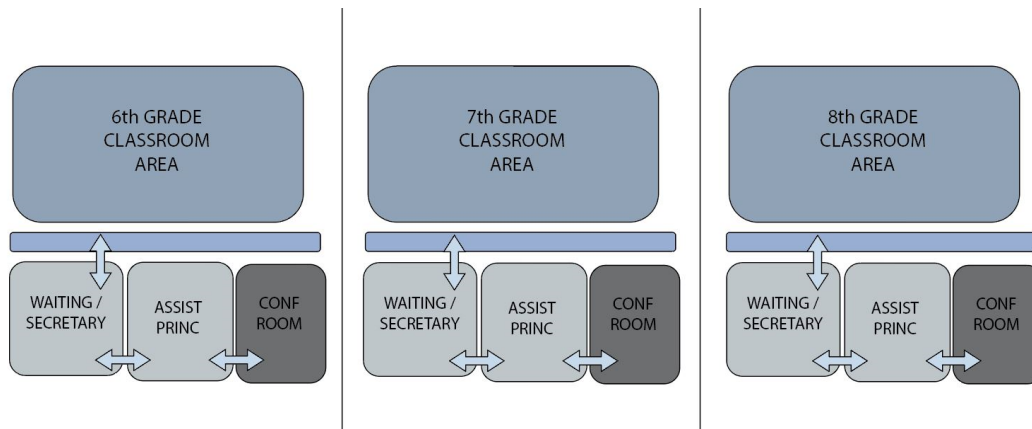
The administration suite shall house the principal's office as well as his/her secretary, attendance, assistant principals, campus assistance coordinator, faculty lounge and workroom, as well direct access to the Clinic.

The counseling suite is adjacent to administration easily accessible from the main entry and classroom areas. In addition, a space for school volunteers shall be housed in close proximity to the main entry and administrative suite.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



ADMINISTRATION



3. PROGRAM OF SPACE

Space/Function	Qty	SF	Total SF	Notes
ADMINISTRATION SUITE				
Administration				
Secure Entry Vestibule	1	450	450	
Visitors Restroom	1	60	60	
Reception/Waiting Area	1	200	200	
Attendance Office	1	200	200	
Administration Storage	2	75/150	225	One at 75 SF, one at 150 SF
Vault	1	75	75	
Volunteer in Public School Office (VIPS)	1	200	200	
Principal's Secretary	1	200	200	
Principal's Office	1	250	250	
Principal's Conference Room	1	300	300	
Workroom/Mailroom	2	400	800	
Mother's Room / Lactation	1	80	80	
Administration Restroom	2	60	120	
Faculty Lounge	1	600	600	
Faculty Lounge Restrooms	2	60	120	
Associate Principal Office	1	225	225	
Assistant Principal Office	3	225	675	
Assistant Principal Secretary/Waiting	3	150	450	
Assistant Principal Conference Rooms	3	200	600	
Clinic				
Clinic Aide/Waiting Area	1	300	300	
Treatment Area	1	400	400	Cot/Isolation and Restroom
Nurse Office	1	150	150	
Storage Room	1	60	60	
Counseling Suite				
Counseling Secretary/Reception	1	250	250	
Counselor's Office	3	200	600	
Conference Room	2	300	600	
Special Education Offices	1	450	450	(CCC, Diagn, LSSP, SLP)
Therapy Testing	2	80	160	
Testing Storage	1	160	160	
IPS Office	1	450	450	
Data Input Office	1	150	150	
De-Escalation Area	1	120	120	
Records Room	1	100	100	
Copy Area	1	80	80	
Campus Assistance Coordinator	1	250	250	
ADMINISTRATION SUITE SUBTOTAL:			10,110	SF

*Number of counselors varies based on enrollment, demographics and Title 1 campuses. Confirm prior to design (one counselor per 600 students).

4. FINISHES

	Walls				Floor		Ceiling		REMARKS	
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Sealed Concrete	Tile	2x2 Acoustical Lay-In		Exposed
ADMINISTRATION SUITE										
Administration										
Secure Entry Vestibule	X				X			X		Tile at wet area.
Visitors Restroom		X					X	X		
Reception/Waiting Area	X				X			X		
Attendance Office			X		X			X		
Administration Storage			X		X			X		
Vault			X		X			X		
Volunteer in Public School Office (VIPS)			X		X			X		
Principal's Secretary			X		X			X		
Principal's Office			X		X			X		
Conference Rooms			X		X			X		
Workroom/Mailroom			X		X			X		
Mother's Room / Lactation			X		X			X		Tile at wet area.
Administration Restroom		X					X	X		
Faculty Lounge			X		X			X		Tile at wet area.
Faculty Lounge Restrooms		X					X	X		
Associate Principal Office			X		X			X		
Assistant Principal Office			X		X			X		
Assistant Principal Secretary/Waiting			X		X			X		
Corridors	X				X			X		
Clinic										
Clinic Aide/Waiting Area			X		X			X		Tile at wet area.
Cot Area / Isolation Area			X		X			X		Tile at wet area.
Nurse Office			X		X			X		
Storage Room			X		X			X		
Counseling Suite										
Counseling Secretary/Reception	X				X			X		
Counselor's Office			X		X			X		
Conference Room			X		X			X		
Special Education Offices			X		X			X		
Therapy Testing	X				X			X		
Testing Storage	X				X			X		
IPS Office			X		X			X		
Data Input Office			X		X			X		
De-Escalation Area			X		X			X		
Records Room			X		X			X		
Copy Area	X				X			X		
Campus Assistance Coordinator			X		X			X		

Secure Entry Vestibule

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Secure Entry Vestibule	1		450	450	

PROGRAM DETAILS

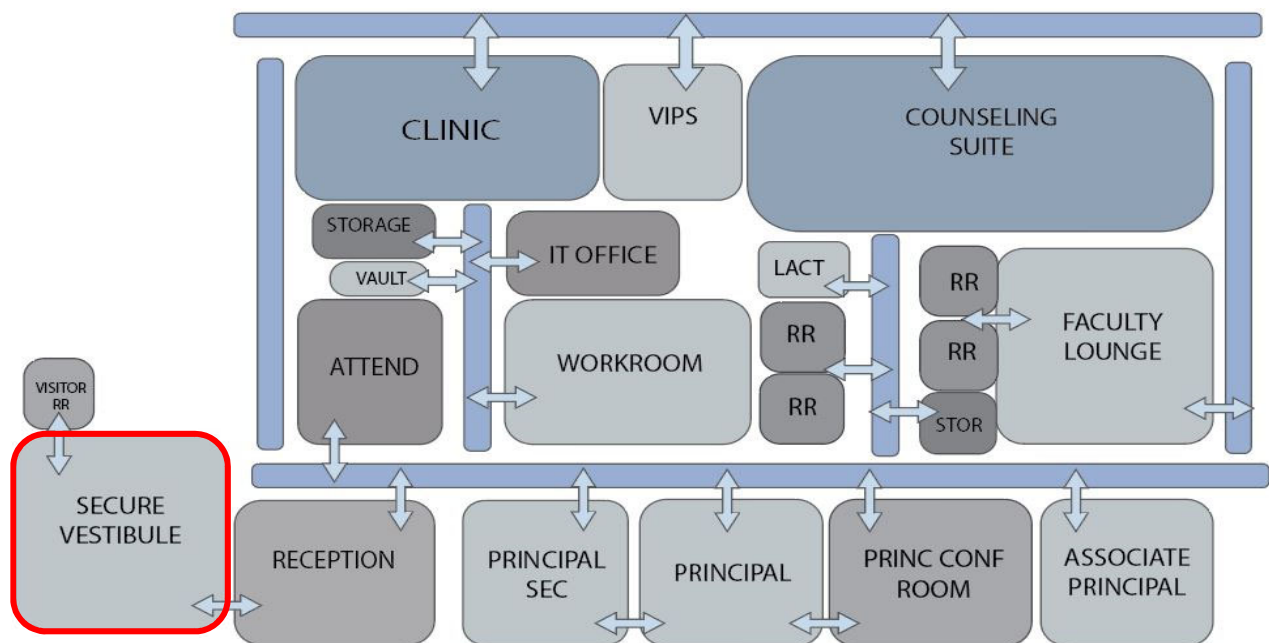
DESCRIPTION OF SPACE AND USES:

Visitor entry, sign-in, provide identification to receptionist to gain access to school. Holding area for visitors.

SPATIAL RELATIONSHIP:

Located at main entry to building; adjacent to reception.

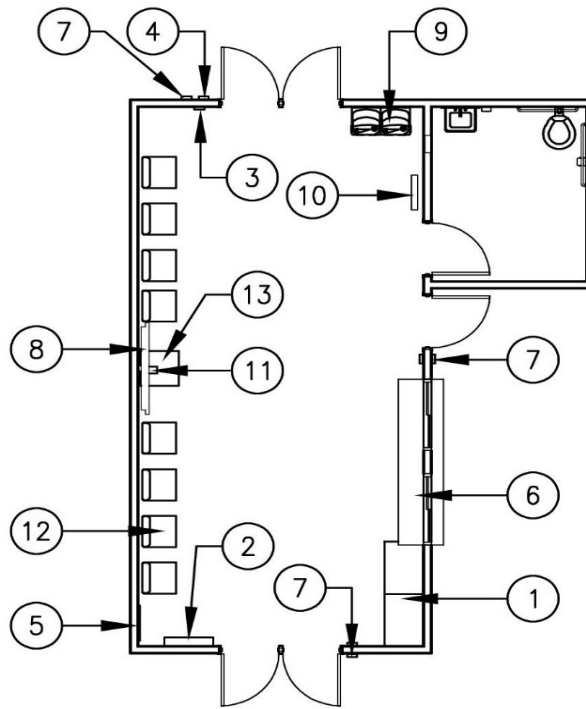
RELATIONSHIP DIAGRAM



Secure Entry Vestibule

Secure Entry Vestibule

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Work Station	1	Registration	2		
Display Case	2		1	48" x 48" x 12"	
Burglar Alarm System Keypad	3		1		
AI Phone	4	Door release at reception.	1		
Dedication Plaque	5		1		
Transaction Windows and Counter	6	Two sliding windows	2		
Card Reader	7	Door release at reception.	2		
Small Group Display Technology	8		2		
Water Fountain	9	With water bottle filling capabilities	2		

Secure Entry Vestibule					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Literature Stand	10		1		
Telephone	11		1		
Chair	12		8		
Small Table	13		1		
Notes:					
1. Entry should be inviting and comfortable, providing a positive impression to all visitors, parents and students. 2. Provide a door(s) with vision panel separating the waiting area from the school with access control or buzzer for controlled release by the receptionist. 3. Locate display technology so it is visible to visitors waiting in this room.					

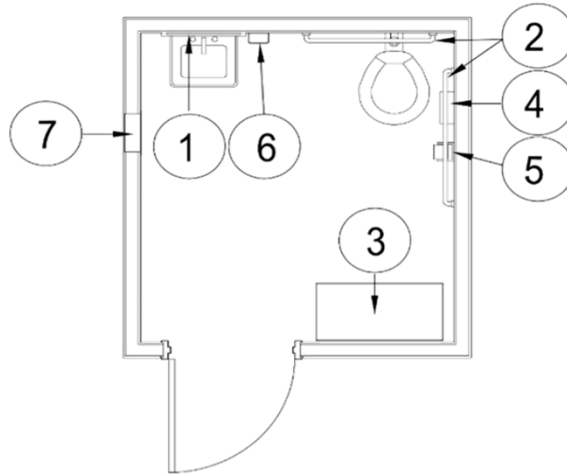
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Visitors' Restroom	1		60	60	

PROGRAM DETAILS	
DESCRIPTION OF SPACE AND USES: Single user restroom for visitors.	
SPATIAL RELATIONSHIP: Located in secure entry vestibule.	
RELATIONSHIP DIAGRAM	

Visitors' Restroom

Visitors' Restroom

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		1		
Grab Bars	2		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Changing Table	3	Contractor installed	1		
Feminine Napkin Disposal	4	Contractor installed	1		
Toilet Paper Dispenser	5	Contractor installed	1		
Soap Dispenser	6	Contractor installed	1		
Paper Towel Dispenser	7	Contractor installed	1		
Notes:					

Reception/Waiting Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Reception/Waiting Area	1		200	200	

PROGRAM DETAILS

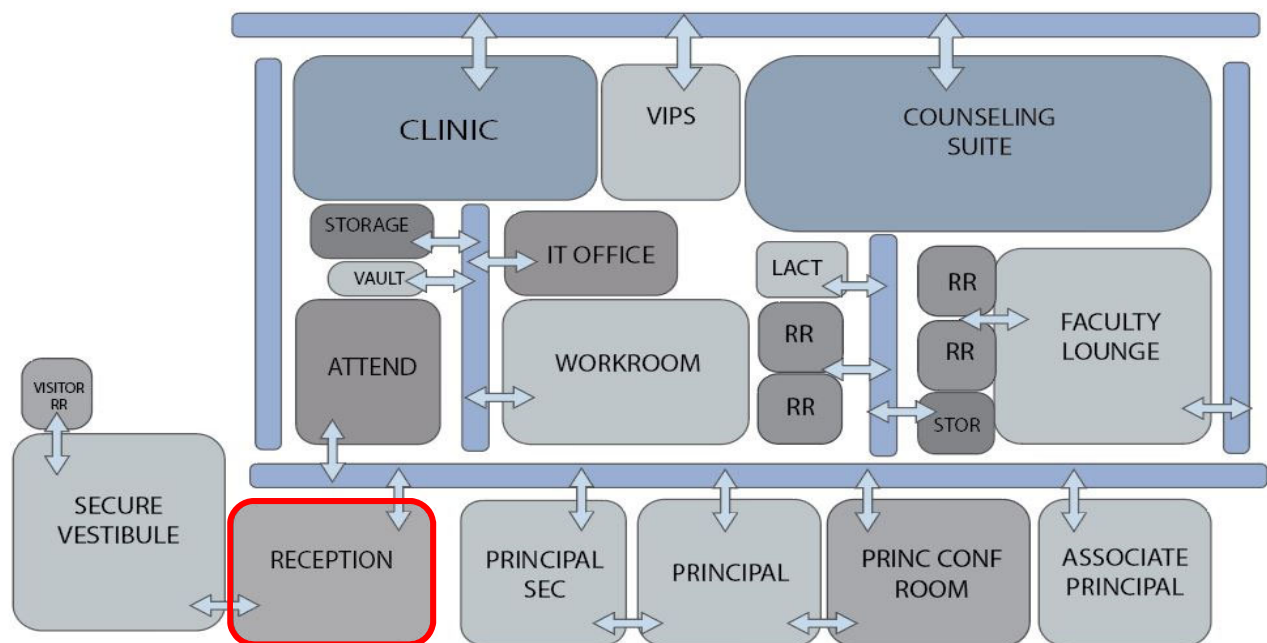
DESCRIPTION OF SPACE AND USES:

Reception area where visitors await access through security process before gaining entry to school.

SPATIAL RELATIONSHIP:

Located in Administrative Suite adjacent to Secure Entry Vestibule, close to secretary and clinic.

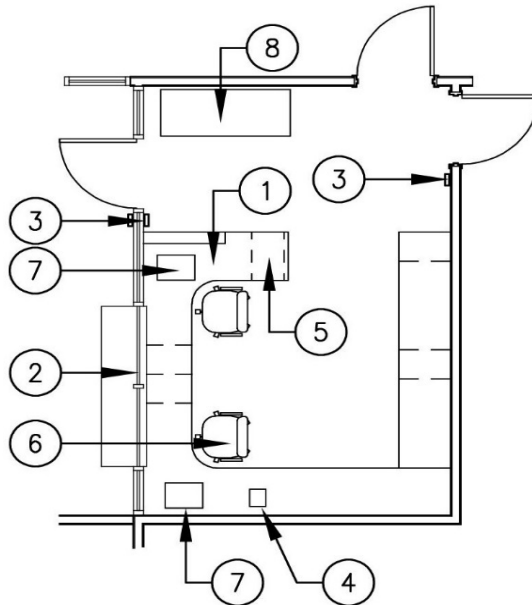
RELATIONSHIP DIAGRAM



Reception/Waiting Area

Reception/Waiting Area

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Transaction Counter	1	Workstations for 2	1		
Transaction Window	2	Two windows	1	36" x 36"	
Card Reader	3	Door release at each workstation	1		
Intercom Microphone	4		1		
Vertical File Cabinet Drawers	5	Millwork; under counter	5		
NOT IN CONTRACT / OWNER PROVIDED					
Task Chair	6		2		
Reception Tool Set	7		2		
Visitor Table	8		1	2' x 5'	

Notes:

1. Provide direct view into reception from one other administrative space for coverage as needed.
2. It is highly desirable for the reception to have a view to the visitor parking lot and area outside main door.
3. Provide visual privacy into the administration spaces from the waiting area (no direct line of sight) and a physical barrier to keep people from entering the administration suite uninvited.
4. Provide analog phone as backup if needed.

Attendance Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Attendance Office	1		200	200	

PROGRAM DETAILS

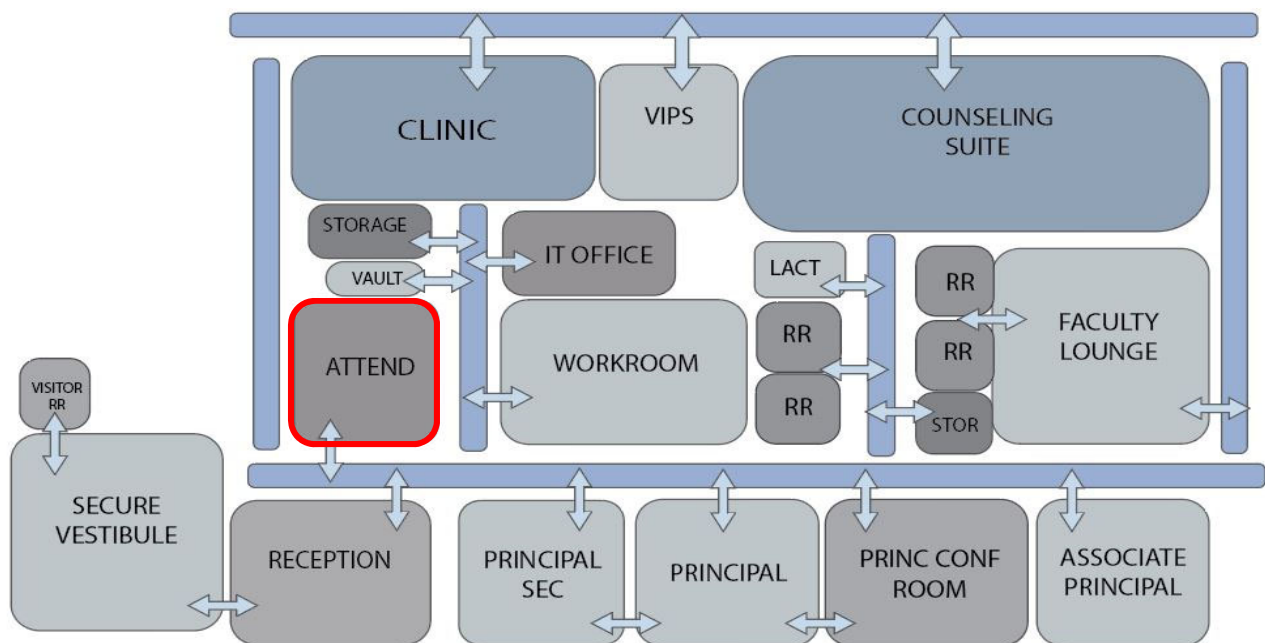
DESCRIPTION OF SPACE AND USES:

Daily attendance records and parent signing-in and signing-out of students.

SPATIAL RELATIONSHIP:

Locate in Administration Office with direct access to main hallway.

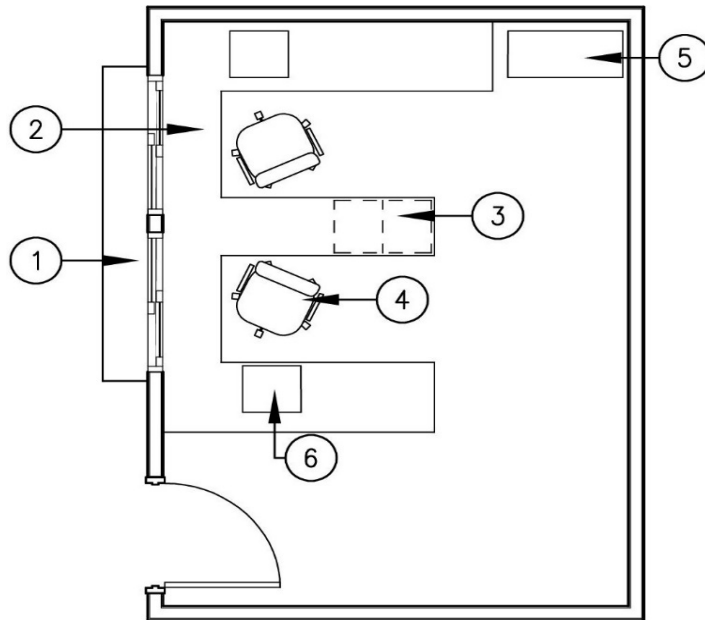
RELATIONSHIP DIAGRAM



Attendance Office

Attendance Office

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Transaction Window and Counter	1	Two sliding windows	1		
Built-in Workstations	2		2		
Under Counter Vertical Files	3		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Task Chair	4		2		
Copier	5		1		
Office Tool Set	6		2		
Notes:					

Administration Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Administration Storage	1		75	225	Rooms needs to be secure and lockable.
	1		150		

PROGRAM DETAILS

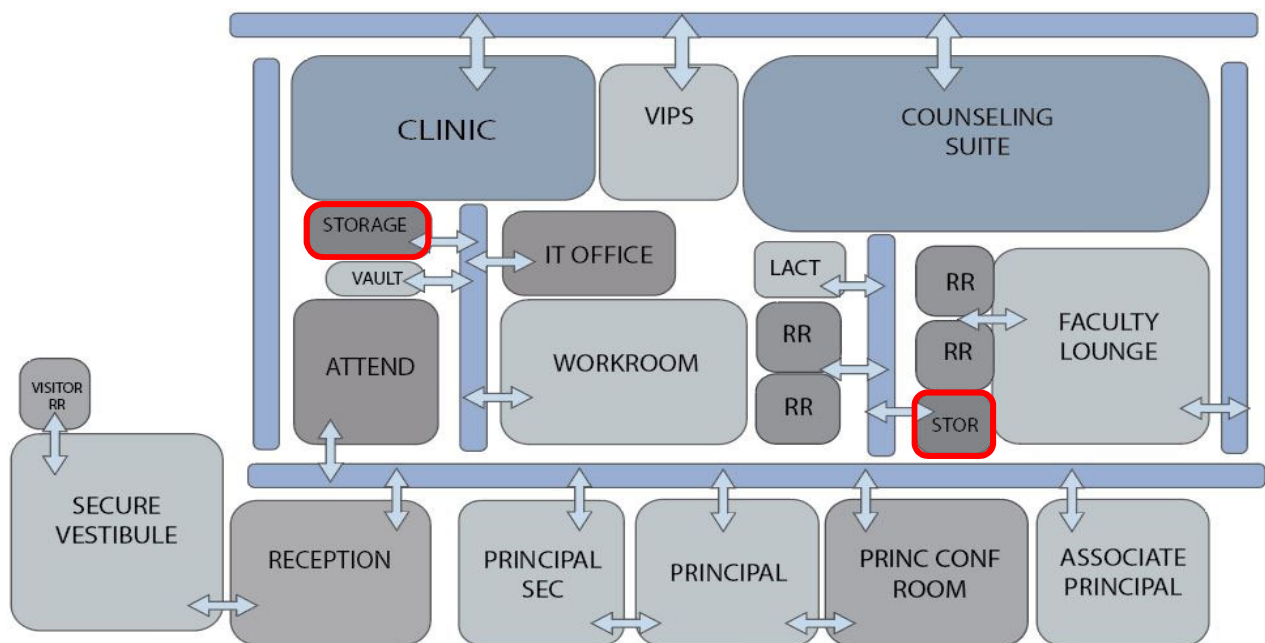
DESCRIPTION OF SPACE AND USES:

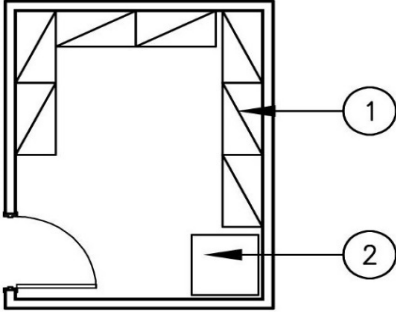
Storage space for office supplies, etc. as well as safe.

SPATIAL RELATIONSHIP:

Located in Administration Suite

RELATIONSHIP DIAGRAM



Administration Storage					
Administration Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line walls with shelves	6	36" x 24" x 84"	
Safe	2	In larger storage only	1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Vault	1		75	75	

PROGRAM DETAILS

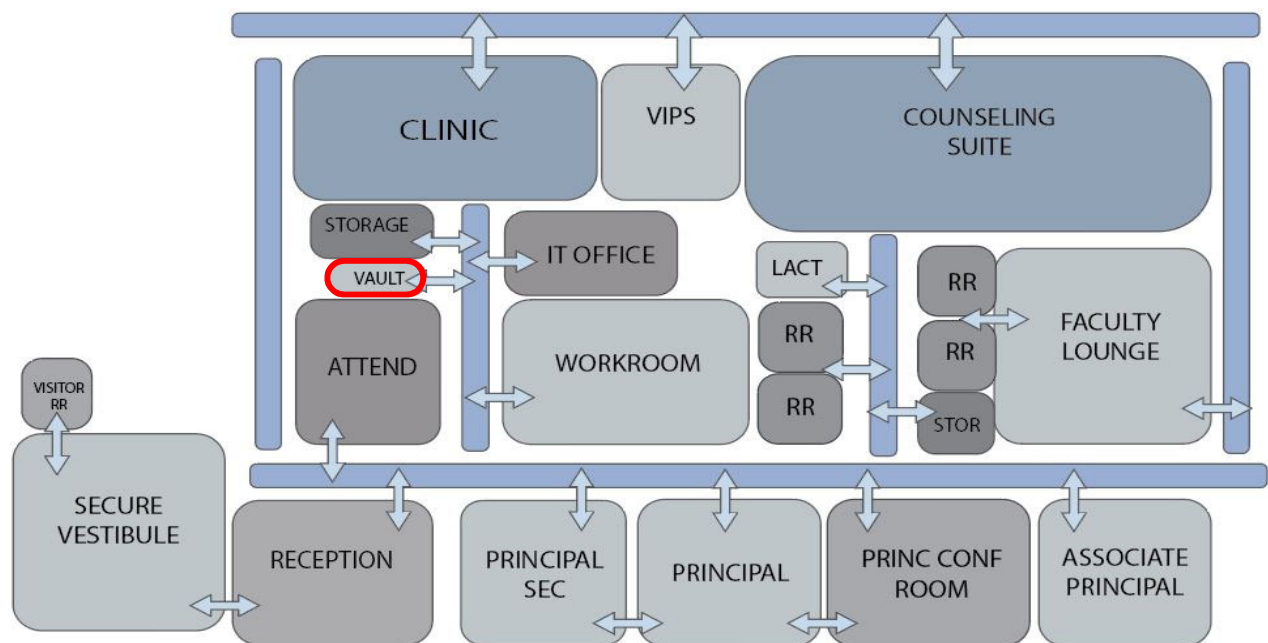
DESCRIPTION OF SPACE AND USES:

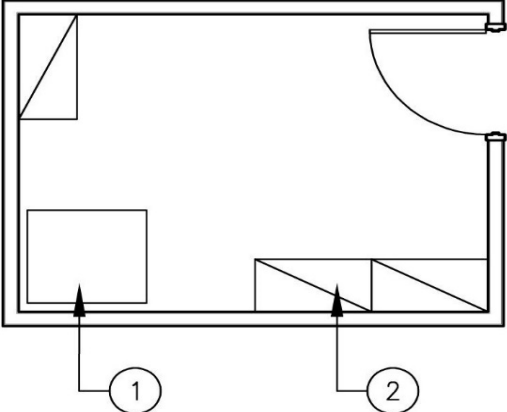
Secure storage of administrative records.

SPATIAL RELATIONSHIP:

Locate in Administration area behind secure door.

RELATIONSHIP DIAGRAM



Vault					
Vault					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Safe	1				
Metal Shelving	2			36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					
1. Provide card reader access.					

Volunteers in Public Schools Office (VIPs)

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Volunteers in Public Schools Office (VIPs)	1		200	200	

PROGRAM DETAILS

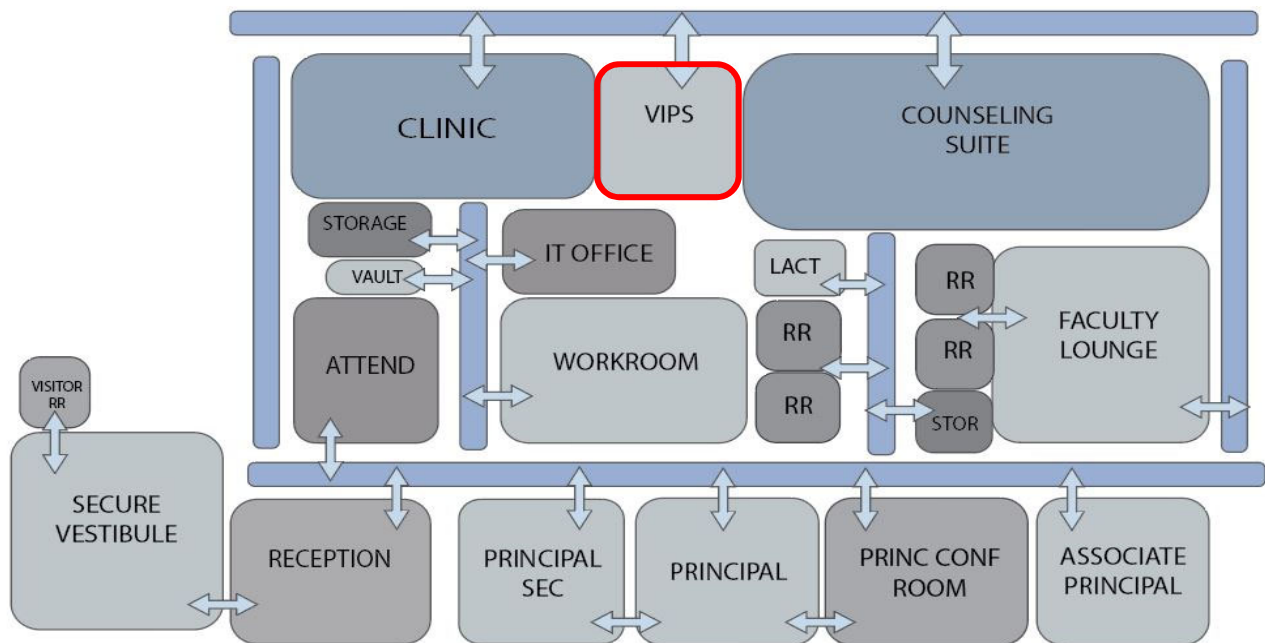
DESCRIPTION OF SPACE AND USES:

Office/workspace for school volunteers to perform various tasks to assist teachers and staff, such as planning, duplication, and fundraising.

SPATIAL RELATIONSHIP:

Located in Administrative Suite off main corridor near front entry.

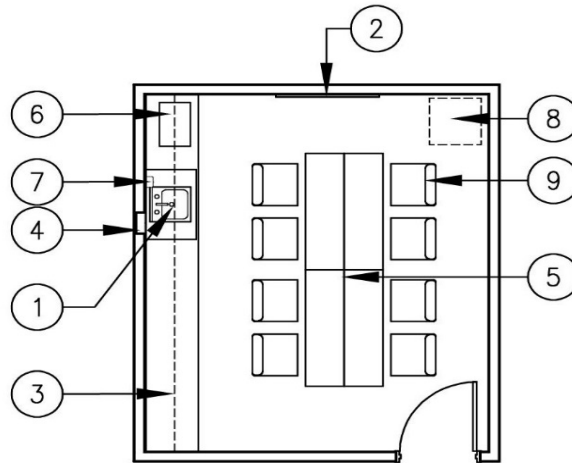
RELATIONSHIP DIAGRAM



Volunteers in Public Schools Office (VIPS)

Volunteers in Public Schools Office (VIPS)

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Sink	1		1		
Markerboard	2		1	5' x 4'	
Upper & Lower Cabinets	3				

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Paper Towel Dispenser	4	Contractor installed	1		
Flip Tables	5		4		
Office Tool Set	6		1		
Soap Dispenser	7	Contractor installed	1		
Printer	8	Future	1		
Chair	9		8		

Notes:

1. Flexibility is important within the space to support varies activities.
2. Provide electrical outlets for a variety of tools and machines, such as electric staplers, laminators, etc.

Principal's Secretary

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Principal's Secretary	1		200	200	

PROGRAM DETAILS

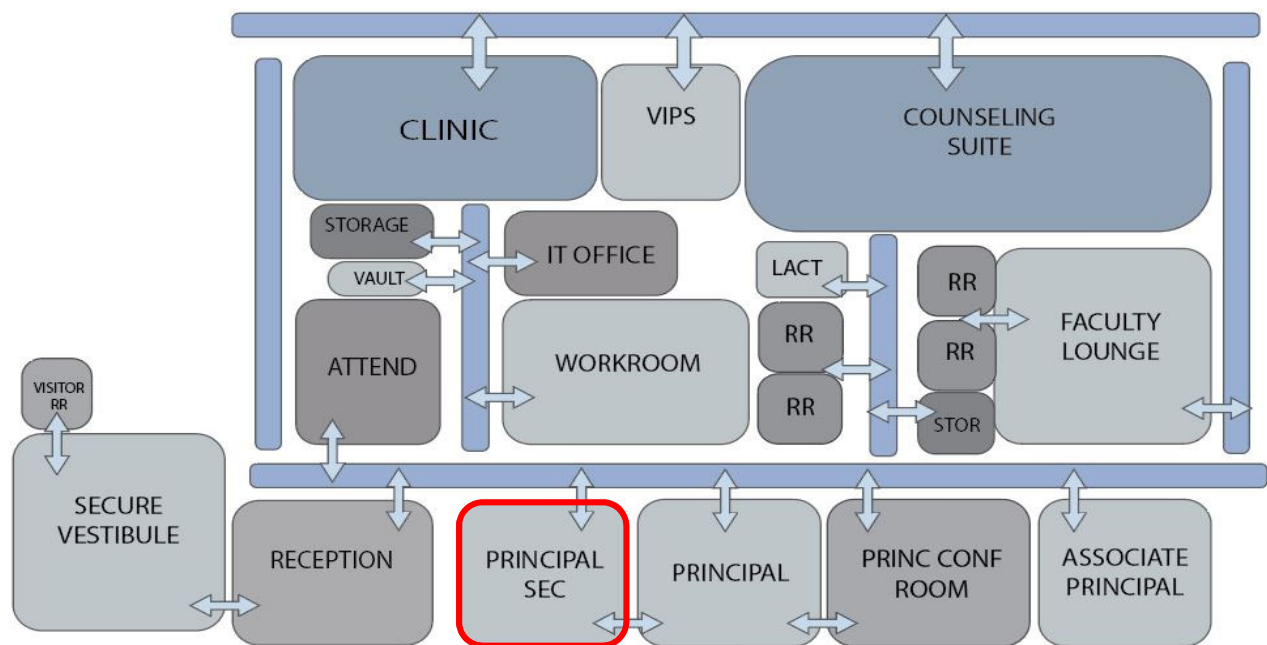
DESCRIPTION OF SPACE AND USES:

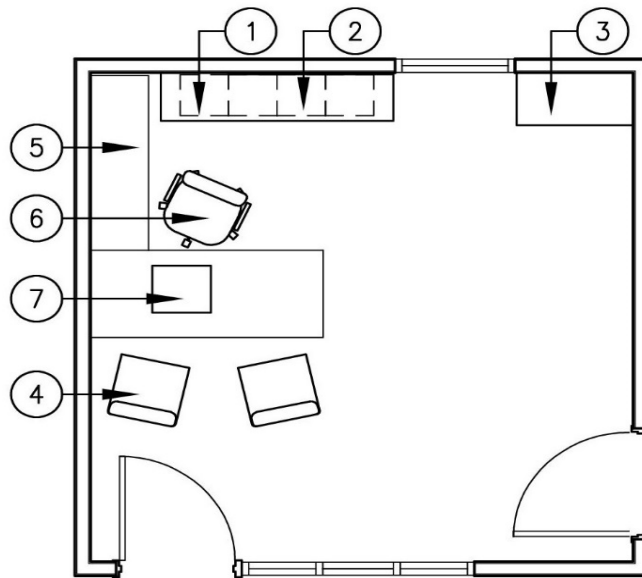
Administrative support for Principal, backup for Receptionist.

SPATIAL RELATIONSHIP:

Located in main corridor of Administrative Suite adjacent to Principal's Office.

RELATIONSHIP DIAGRAM





EQUIPMENT/FURNITURE

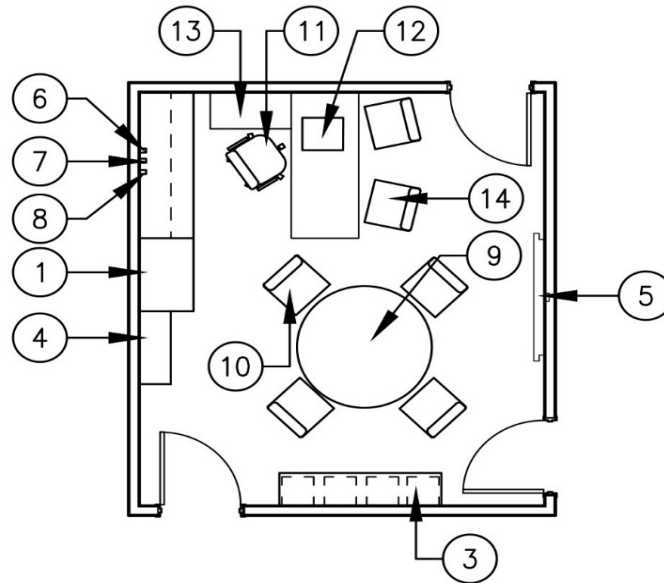
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Overhead Cabinets	1		1	36" x 24" x 84"	
Vertical File Cabinet Drawers	2	Plastic Laminate Top	4		
Bookshelf	3		1		
Furniture/Equipment					
NOT IN CONTRACT / OWNER PROVIDED					
Chair	4		2		
Desk	5	With return	1		
Task Chair	6		1		
Office Tool Set	7		1		

Notes:

1. Direct access from secretary to principal's office with close access to workroom.
2. Security 'panic button' is to be located in the principal's secretary's office. The panic button system will be tied to the emergency generator.

Principal's Office					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Principal's Office	1		250	250	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Administrative work, meetings with students, staff and parents.					
SPATIAL RELATIONSHIP: Locate within Administration Office area next to Principal Secretary and Conference Room.					
RELATIONSHIP DIAGRAM					
<pre> graph TD TopCorridor[Top Corridor] BottomCorridor[Bottom Corridor] CLINIC <--> TopCorridor VIPS <--> TopCorridor COUNSELING_SUITE[COUNSELING SUITE] <--> TopCorridor STORAGE <--> IT_OFFICE[IT OFFICE] VAULT <--> IT_OFFICE LACT <--> RR1[RR] RR1 <--> RR2[RR] RR2 <--> RR3[RR] RR3 <--> STOR[STOR] ATTEND <--> WORKROOM FACULTY_LOUNGE[FACULTY LOUNGE] SECURE_VESTIBULE[SECURE VESTIBULE] RECEPTION <--> PRINCIPAL_SEC[PRINCIPAL SEC] PRINCIPAL_SEC <--> PRINCIPAL PRINCIPAL <--> PRINC_CONF_ROOM[PRINC CONF ROOM] PRINC_CONF_ROOM <--> ASSOCIATE_PRINCIPAL[ASSOCIATE PRINCIPAL] VISITOR_RR[VISITOR RR] <--> SECURE_VESTIBULE </pre>					

Principal's Office	Principal's Office
Principal's Office	LAYOUT

**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Teacher Wardrobe	1	Lockable	1	36" x 24" x 84"	
Upper and Lower Cabinets	2	Open shelving above	1		
Vertical File Cabinet Drawers	3	Plastic Laminate Top	4		
Bookshelf	4	Adjustable shelves	2	36" x 24" x 48"	
Small Group Projection Device	5		1		

Principal's Office					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Intercom Microphone	6	Executive handset	1		
Shutdown Button	7	MEP systems	1		
Lockdown Button	8		1		
Conference Table	9		1		
Chair	10		4		
Task Chair	11		1		
Principal Tool Set	12		1		
Desk	13	With return	1		
Chair	14		2		
Notes:					

Principal's Conference Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Principal's Conference Room	1		300	300	

PROGRAM DETAILS

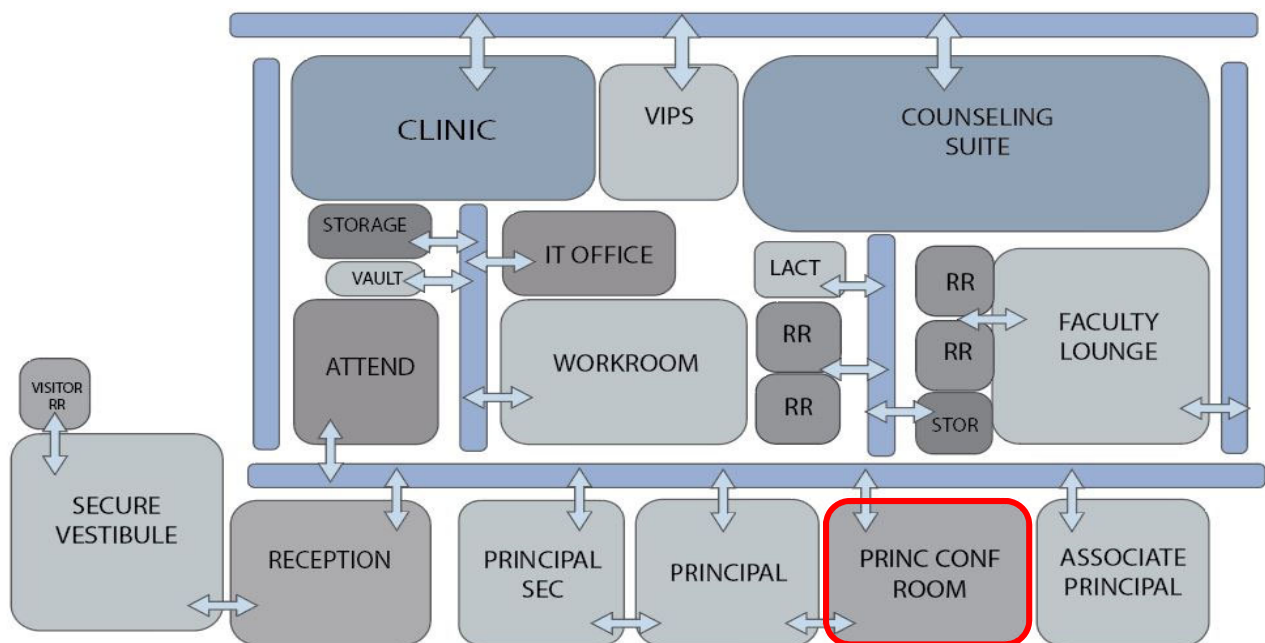
DESCRIPTION OF SPACE AND USES:

Conference room for principal/teacher use and Admission, Review and Dismissal (ARD) meetings.

SPATIAL RELATIONSHIP:

Located in Administration Suite close to front entry and adjacent to Principal's Office.

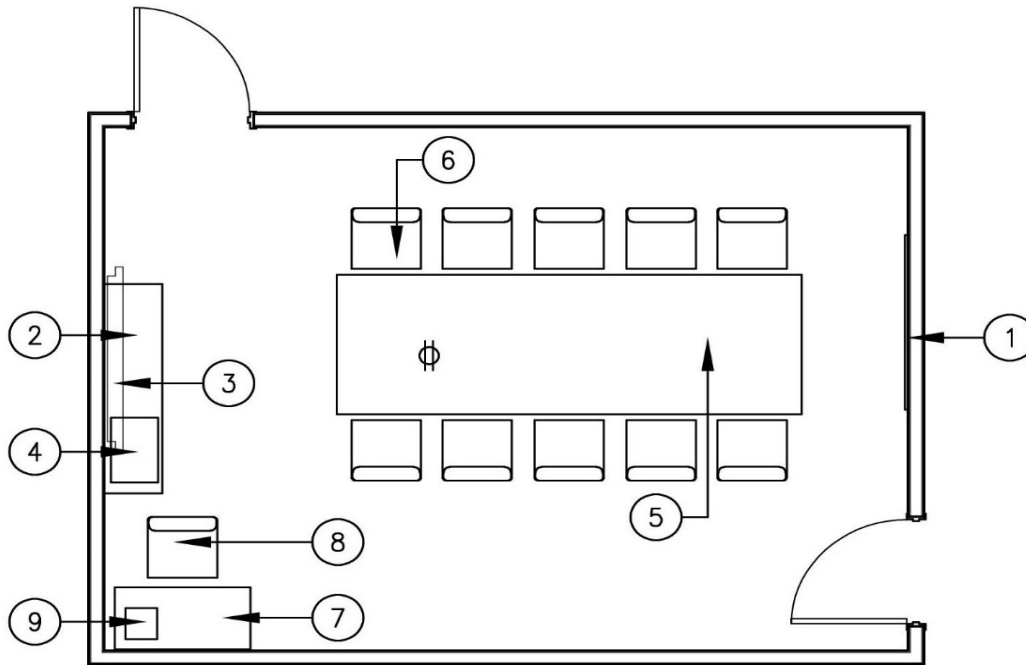
RELATIONSHIP DIAGRAM



Principal's Conference Room

Principal's Conference Room

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 10'	
Credenza	2		1		
Small Group Projection Device	3		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Large Conference Tool Set	4		1		
Conference Table	5	Power in floor	1		
Chair	6		10		
Desk	7	For ARD meetings	1		
Task Chair	8	For ARD meetings	1		
Printer	9	For ARD meetings	1		

Notes:

1. Floor outlet to be provided for conference table. Coordinate with furniture supplier.

Workroom/ Mail Room**PROGRAM SPACES**

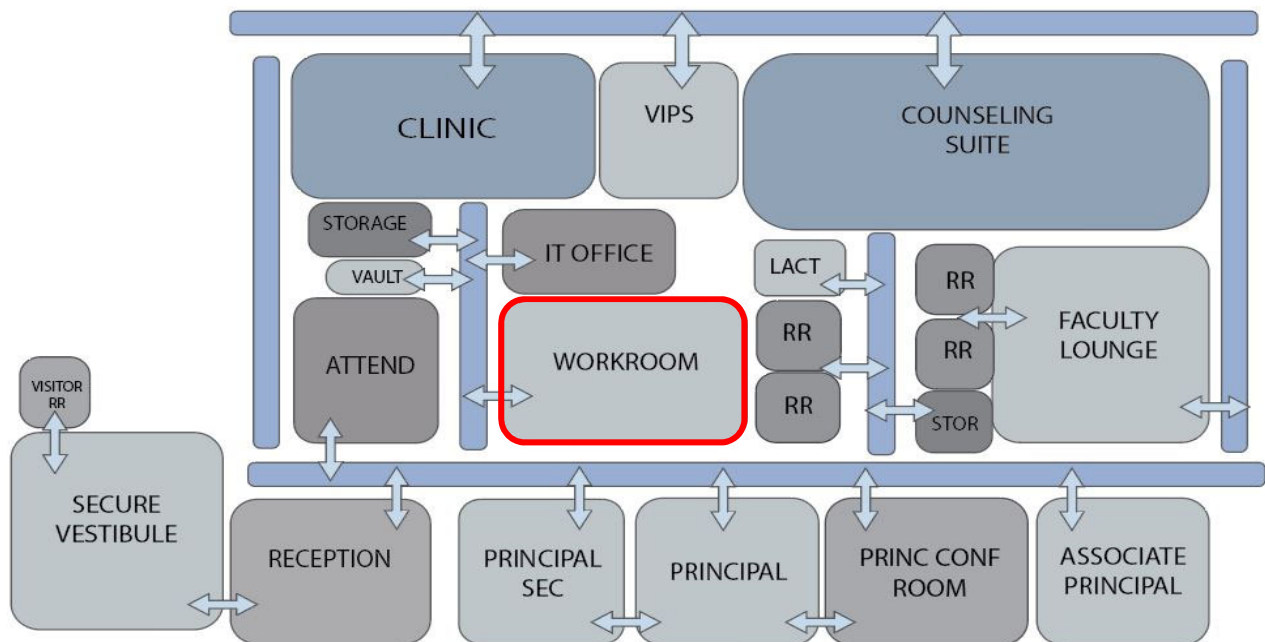
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Workroom/ Mail Room	2		400	800	Space for equipment & supplies (i.e. laminator, copier, binding, etc.)

PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Receipt/Distribution of mail, copying and sorting; storage of paper supplies.

SPATIAL RELATIONSHIP:

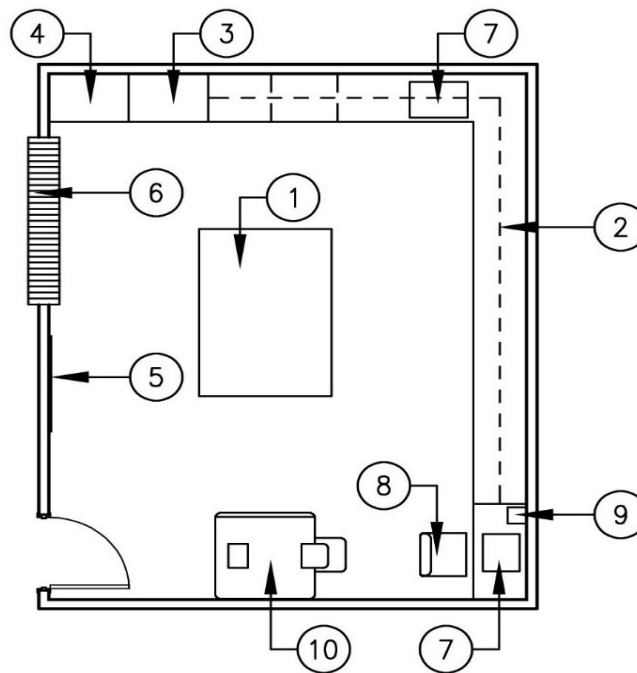
Locate one within Administration Suite with hallway access and close to administration restrooms. Locate second room on 2nd floor close to Assistant Principal's Suite.

RELATIONSHIP DIAGRAM

Workroom/ Mail Room

Workroom/ Mail Room

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Work Island	1	Provide vertical & flat files for storage below. Provide electrical outlets.	1		
Upper & Lower Cabinets	2	Locate on open wall space			
Tall Open Shelving Unit	3	Adjustable shelves	1	36" x 24" x 84"	
Tall Shelving Unit	4	Lockable	1	36" x 24" x 84"	
Markerboard	5		1	5' x 4'	
Mailboxes	6	Built-in or Prefab; only in 1st floor workroom	250	30" to 60" AFF; mailbox size: 3"h x 12"w x 14"d	

Workroom/ Mail Room					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Misc. Tool Set	7		1		
Chair	8	For District Aide	1		
Telephone	9	For District Aide	1		
Copier	10	See Note 5 below	1		
Notes:					
<p>1. Confirm data and power for copier with manufacturer recommendations.</p> <p>2. If no Teacher's lounge in the area, provide under counter refrigerator and area for Coffee Maker.</p> <p>3. Assume 250 mailboxes for a 2,700 student capacity school. Number shall vary based on capacity. Provide space for name labels. Mailboxes are only in 1st floor workroom.</p> <p>4. Access mailboxes from corridor only for retrieval. Access from copy/Workroom for loading.</p> <p>5. Large copiers are noisy and create a lot of heat. Attention to sound attenuation and adequate air supply and exhaust is important in this room. Provide data and power for a large collating commercial copier which must be arranged per manufacturers recommendations for servicing.</p>					

Mother's Room - Lactation

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Mother's Room - Lactation	1	1	80	80	

PROGRAM DETAILS

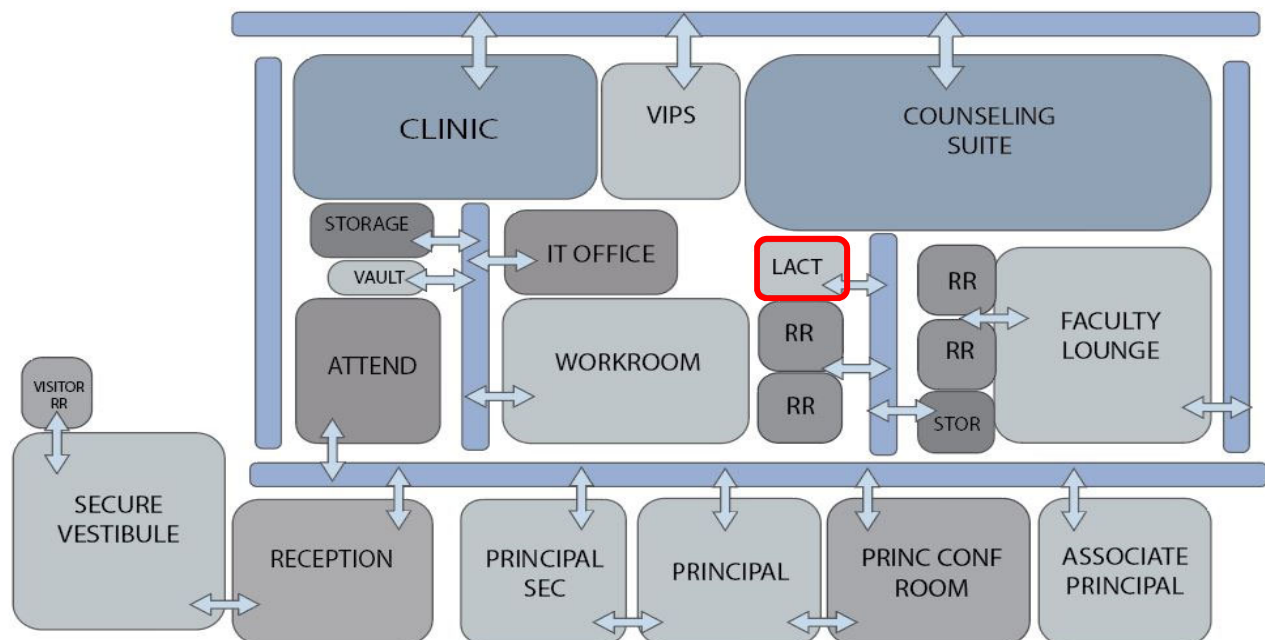
DESCRIPTION OF SPACE AND USES:

Private space for nursing mothers.

SPATIAL RELATIONSHIP:

Located in Administrative Suite close to faculty lounge and with easy access from main hallway/corridor.

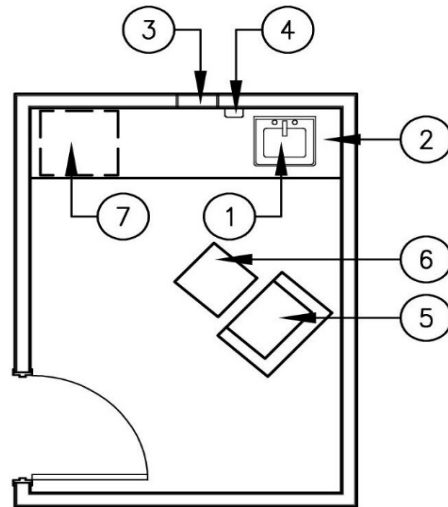
RELATIONSHIP DIAGRAM



Mother's Room - Lactation

Mother's Room - Lactation

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Sink	1		1		
Built-in Counter	2		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Paper Towel Dispenser	3	Contractor installed	1		
Soap Dispenser	4	Contractor installed	1		
Chair	5		1		
Small Table	6		1		
Under Counter Refrigerator	7		1		

Notes:

1. Provide power on wall near chair for pumps.

Single User Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Single User Restrooms	2		60	120	

PROGRAM DETAILS

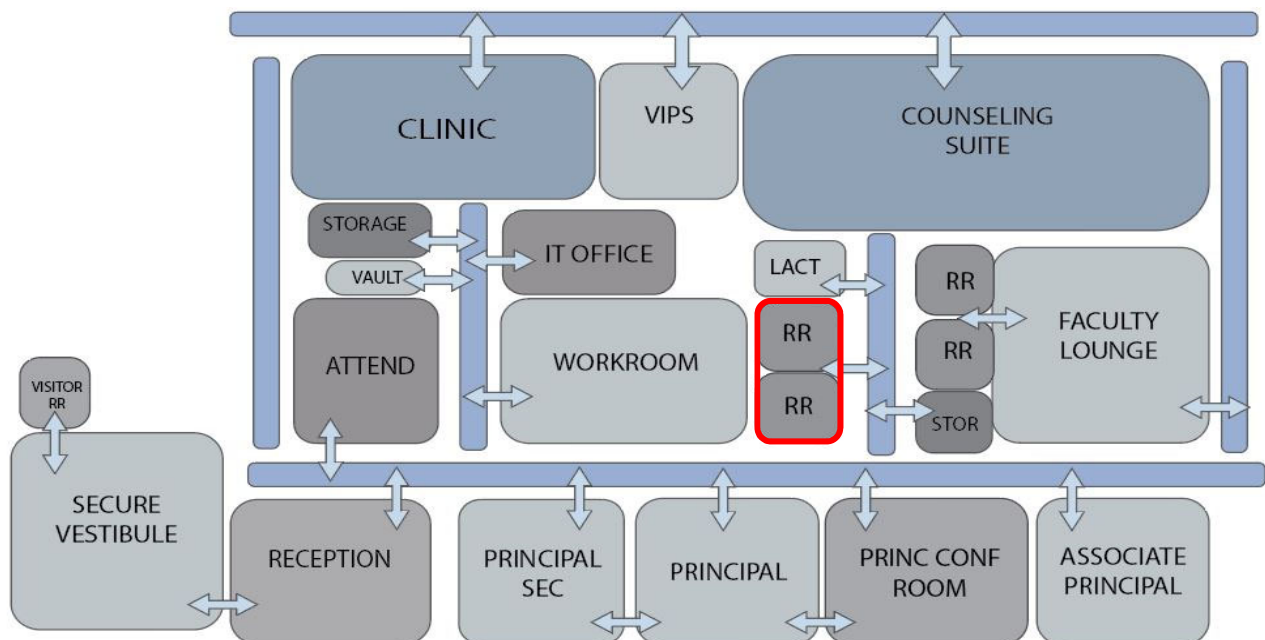
DESCRIPTION OF SPACE AND USES:

Restroom rooms for administration staff and visitors.

SPATIAL RELATIONSHIP:

Located off corridor in Administration.

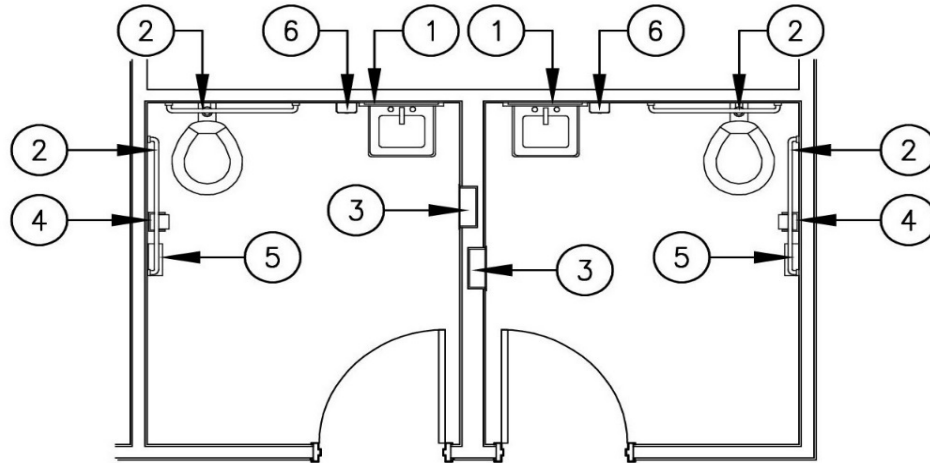
RELATIONSHIP DIAGRAM



Single User Restrooms

Single User Restrooms

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		1		
Grab Bars	2		4		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Paper Towel Dispenser	3	Contractor installed	1		
Toilet Paper Dispenser	4	Contractor installed	1		
Feminine Napkin Disposal	5	Contractor installed	1		
Soap Dispenser	6	Contractor installed	1		

Notes:

Faculty Lounge

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Faculty Lounge	1		600	600	

PROGRAM DETAILS

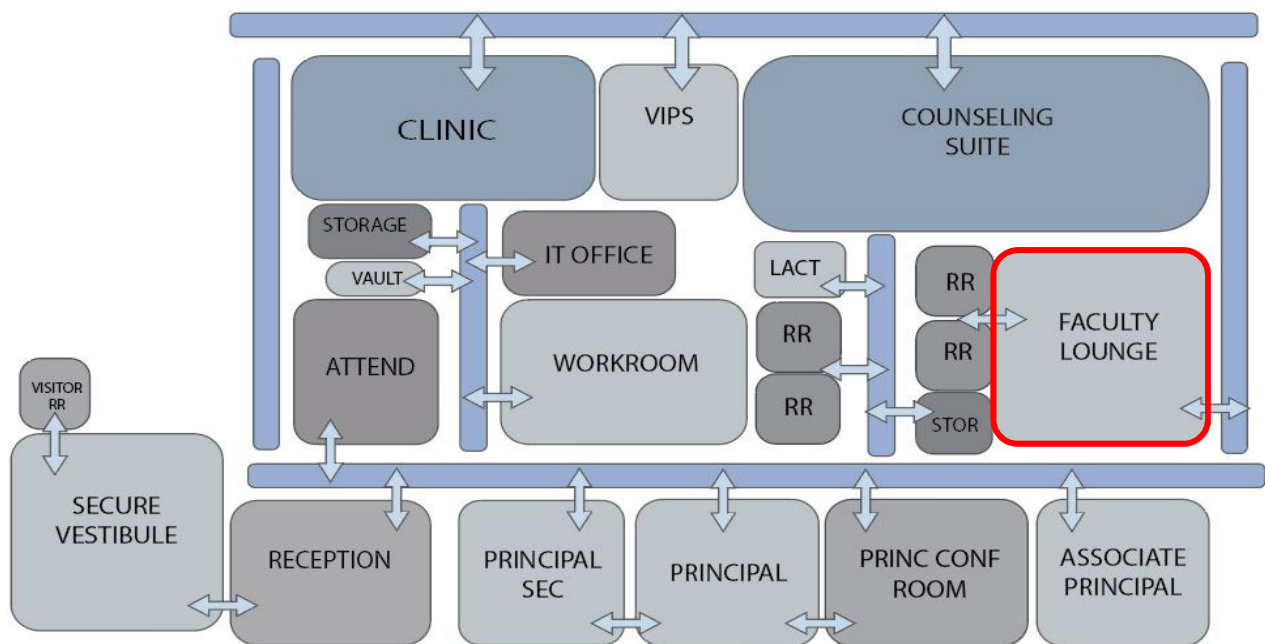
DESCRIPTION OF SPACE AND USES:

Lounge space for staff/teachers to socialize and relax, prepare and eat food or purchase items from vending machines. Room may be used as an informal conference room at times.

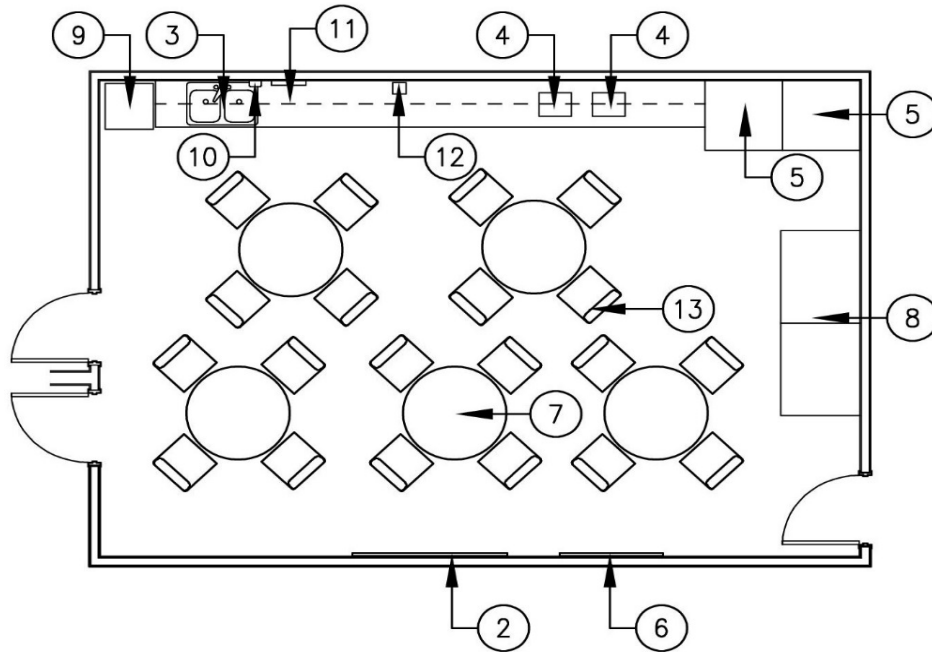
SPATIAL RELATIONSHIP:

Located near or adjacent to Copy/Work Room, within or adjacent to Administrative Suite, Two staff restrooms open directly into this space.

RELATIONSHIP DIAGRAM



	Faculty Lounge
Faculty Lounge	LAYOUT

**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper & Lower Cabinets	1				
Markerboard	2		1	5' x 6'	
Double Compartment Sink	3	With garbage disposal	1		
Microwave	4	Mount below upper cabinet	2		
Refrigerator	5		2		
Markerboard	6		1	4' x 4'	

Faculty Lounge					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Chair	6		20		
Dining Tables	7		5		
Vending Machines	8		2		
Ice Machine	9	Provide drain underneath	1		
Soap Dispenser	10	Contractor installed	1		
Paper Towel Dispenser	11	Contractor installed	1		
Telephone	12		1		
Notes:					
1. No cooktops or ovens.					
2. Provide power, connections and drain for a future ice maker.					

Faculty Lounge Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Faculty Lounge Restrooms	2		60	120	

PROGRAM DETAILS

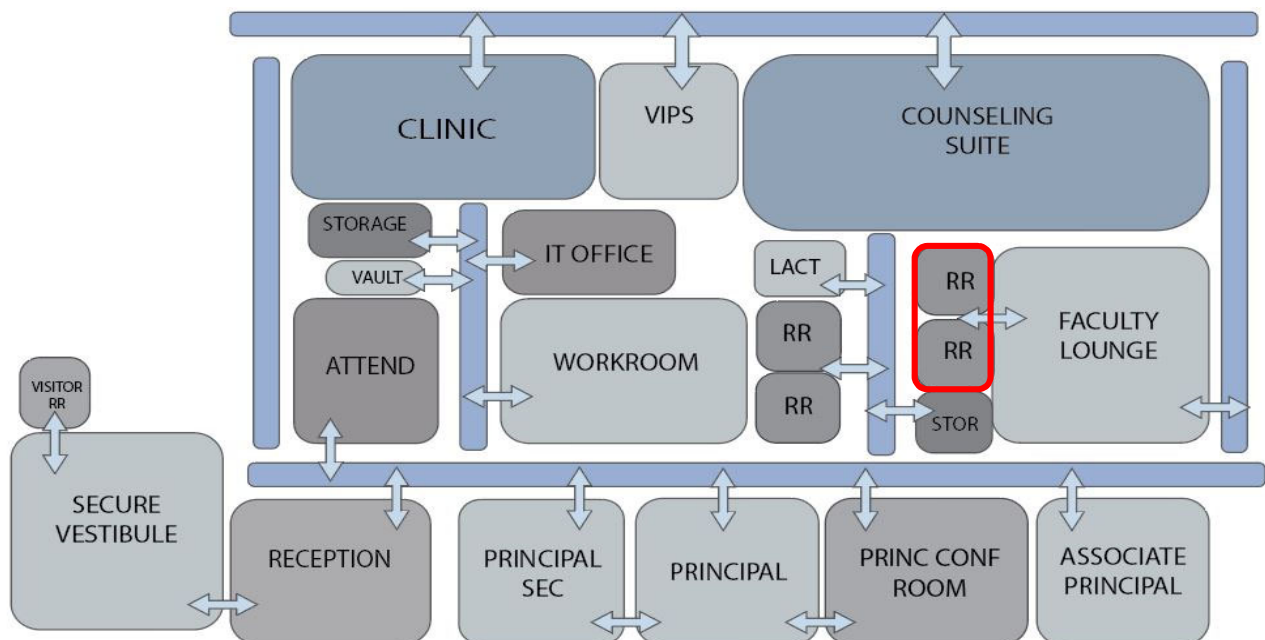
DESCRIPTION OF SPACE AND USES:

Restrooms for faculty/staff.

SPATIAL RELATIONSHIP:

Located with direct access from Faculty Lounge.

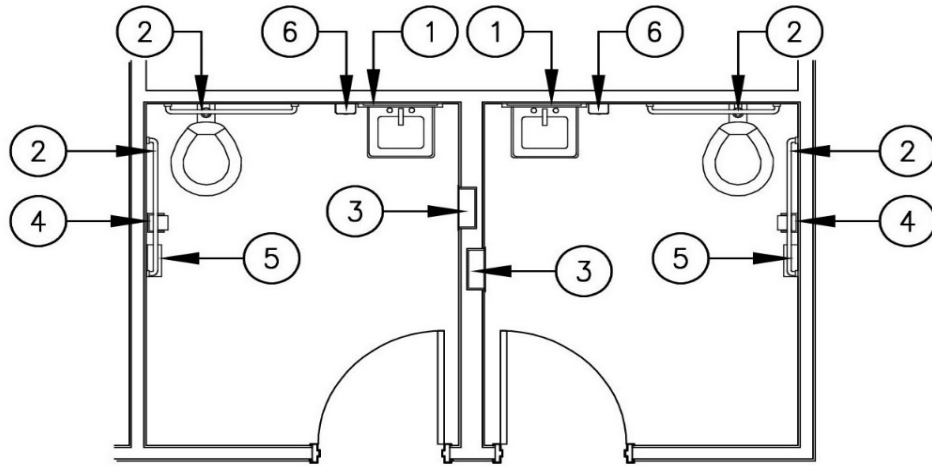
RELATIONSHIP DIAGRAM



Faculty Lounge Restrooms

Faculty Lounge Restrooms

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		1		
Grab Bars	2		4		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Paper Towel Dispenser	3	Contractor installed	1		
Toilet Paper Dispenser	4	Contractor installed	1		
Feminine Napkin Disposal	5	Contractor installed	1		
Soap Dispenser	6	Contractor installed	1		
Notes:					

Associate/Assistant Principal Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Associate/Assistant Principal Office	4		225	900	One Associate Principal and one Assistant Principal per grade for 6th/7th/8th.

PROGRAM DETAILS

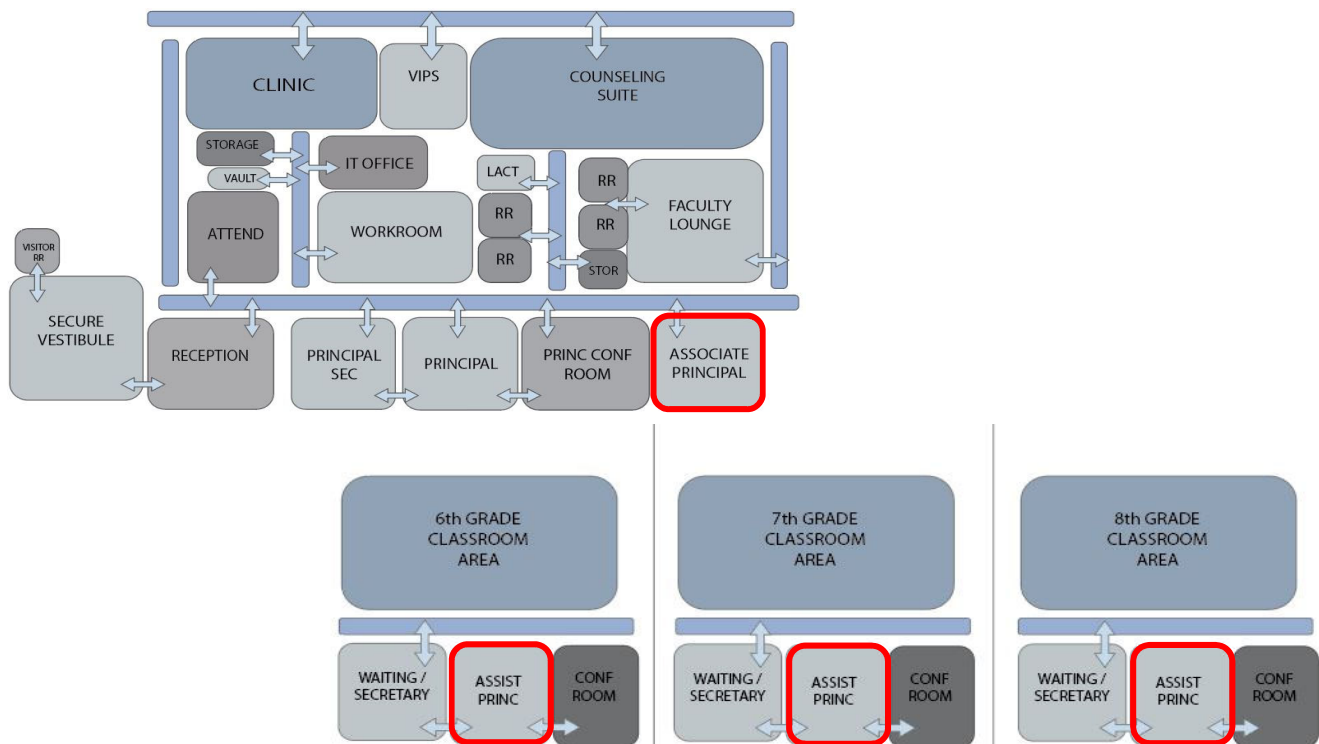
DESCRIPTION OF SPACE AND USES:

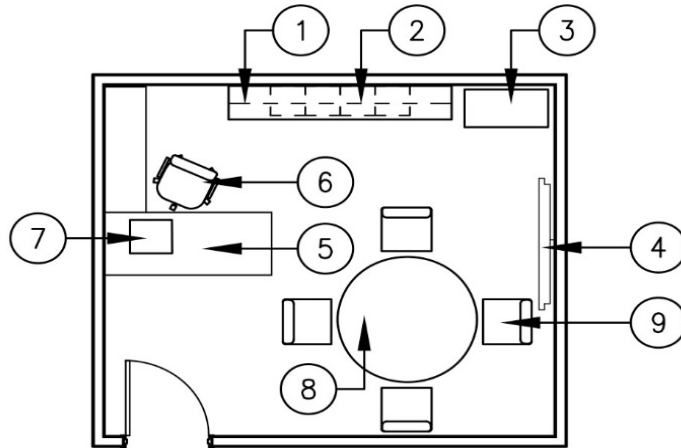
Office/workspace for Associate/Assistant Principal(s) for meetings with students, parents, etc. and dealing with discipline matters. Assistant Principals are also responsible for textbooks.

SPATIAL RELATIONSHIP:

Associate Principal office shall be located within Administration Suite. Assistant Principal offices to be located one per grade level, as shown below.

RELATIONSHIP DIAGRAM



**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Overhead Cabinets	1				
Vertical File Cabinet Drawers	2	Plastic Laminate Top	4		
Bookshelf	3		1		
Small Group Projection Device	4		1	3'W x 4'H x 2'D	

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Desk	5	With return	1		
Task Chair	6		1		
Office Tool Set	7		1		
Small Conference Table	8		1		
Chair	9		4		

Notes:

Assistant Principal's Secretary/Waiting Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Assistant Principal's Secretary/Waiting Area	3		150	450	One for each grade level.

PROGRAM DETAILS

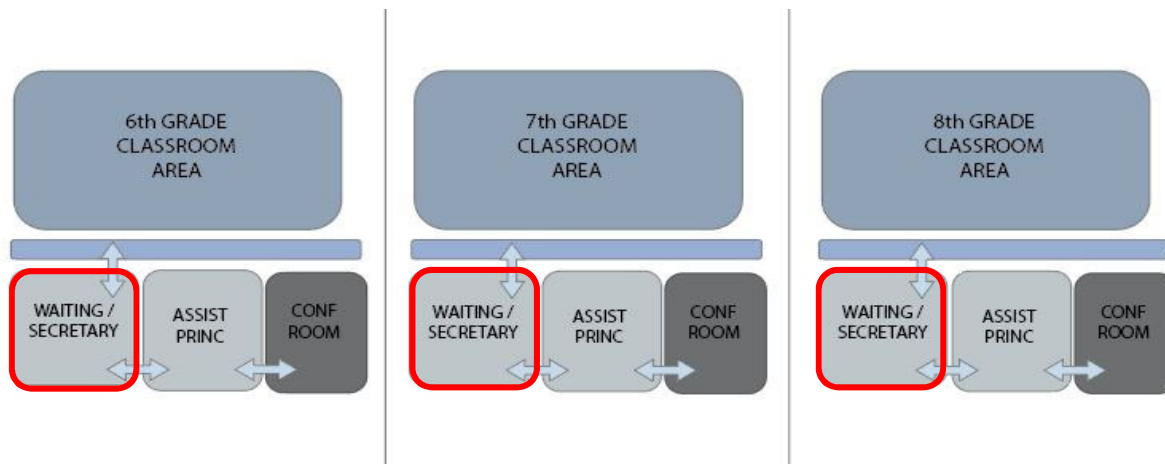
DESCRIPTION OF SPACE AND USES:

Secretary and waiting area for Assistant Principal's office.

SPATIAL RELATIONSHIP:

Assistant Principal Secretary/Waiting spaces to be located one per grade level, as shown below.

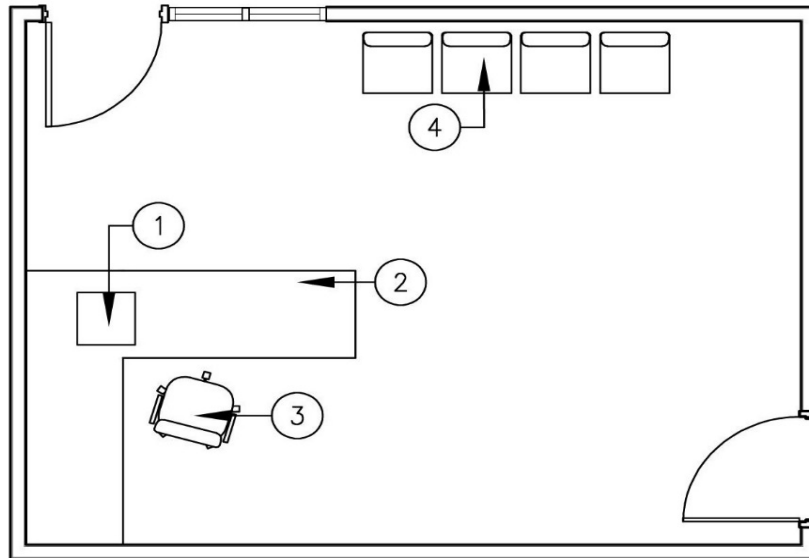
RELATIONSHIP DIAGRAM



Assistant Principal's Secretary/Waiting Area

Assistant Principal's Secretary/Waiting Area

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Office Tool Set	1		1		
Desk	2	With return	1		
Task Chair	3		1		
Chair	4		4		

Notes:

Assistant Principal's Conference Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Assistant Principal's Conference Room	3		200	600	

PROGRAM DETAILS

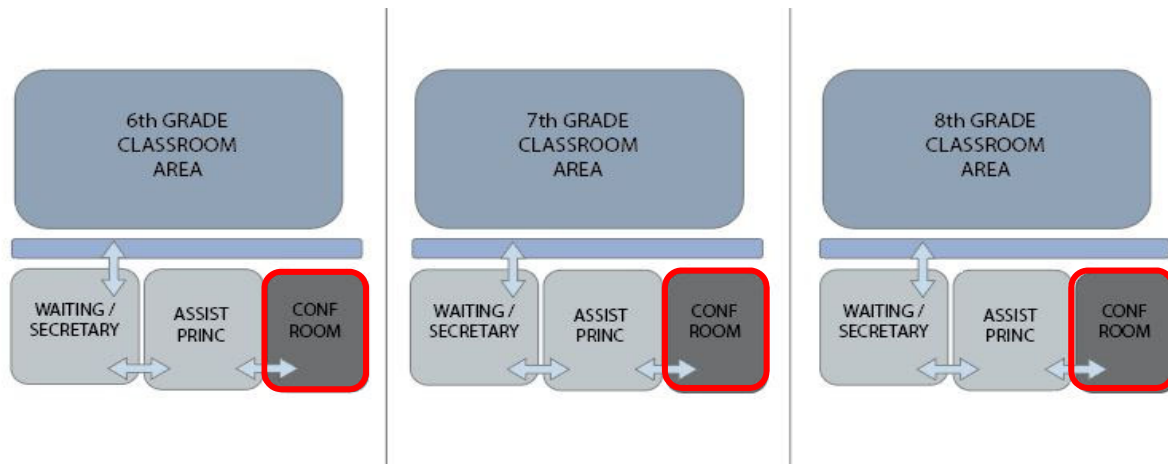
DESCRIPTION OF SPACE AND USES:

Conference room for assistant principal/teacher use and meetings.

SPATIAL RELATIONSHIP:

Located in adjacent to Assistant Principal's Offices located in each grade level wing.

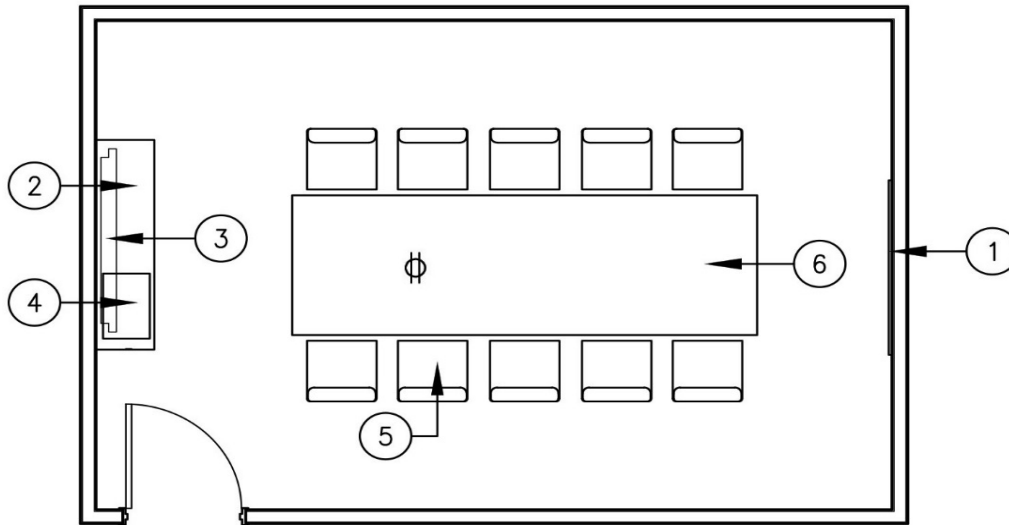
RELATIONSHIP DIAGRAM



Assistant Principal's Conference Room

Assistant Principal's Conference Room

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 10'	
Credenza	2		1		
Small Group Projection Device	3		1		
NOT IN CONTRACT / OWNER PROVIDED					
Large Conference Tool Set	4		1		
Chair	5		10		
Conference Table	6	Power in floor	1		

Notes:

1. Floor outlet to be provided for conference table. Coordinate with furniture supplier.

Clinic Aide/Waiting Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Clinic Aide/Waiting Area	1	N/A	200	200	

PROGRAM DETAILS

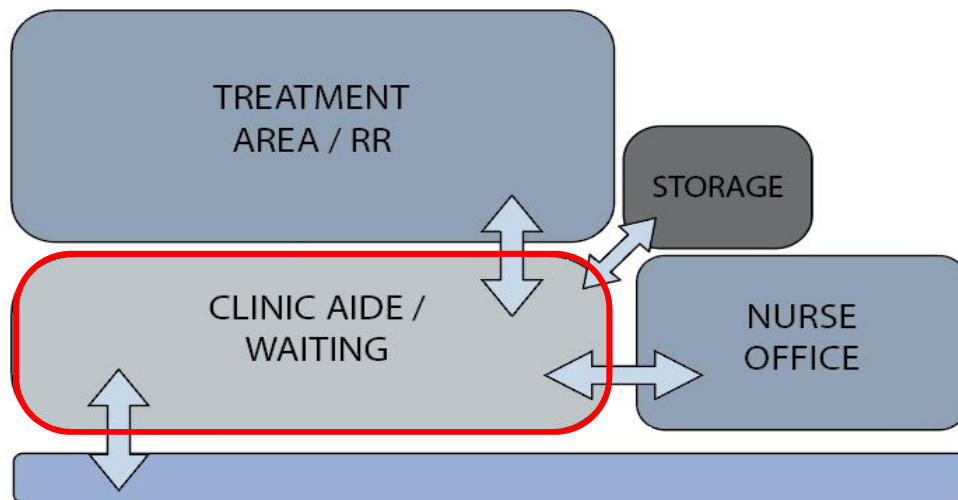
DESCRIPTION OF SPACE AND USES:

Clinic aide/waiting area for students/parents waiting for treatment, medicine dispensing, diagnosis and/or meeting with nurse.

SPATIAL RELATIONSHIP:

Spaces to be adjacent to each other housed within the clinic area and with direct access to the nurse office. Entry to clinic is off main school corridor.

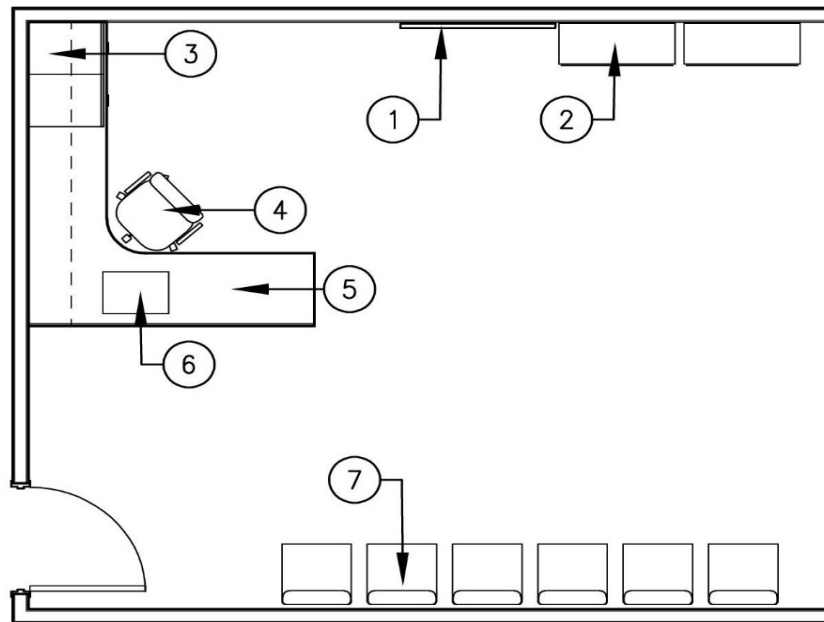
RELATIONSHIP DIAGRAM



Clinic Aide/Waiting Area

Clinic Aide/Waiting Area

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Markerboard	1		1	5' x 4'	
Display Rack	2		2		
Vertical File Cabinet Drawers	3		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Task Chair	4		1		
Desk	5	With return	1		
Clinic Tool Set	6		1		
Chair	7		6		

Notes:

Treatment Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Treatment Area	1	N/A	400	400	Refrigerator should be tied to emergency generator.

PROGRAM DETAILS

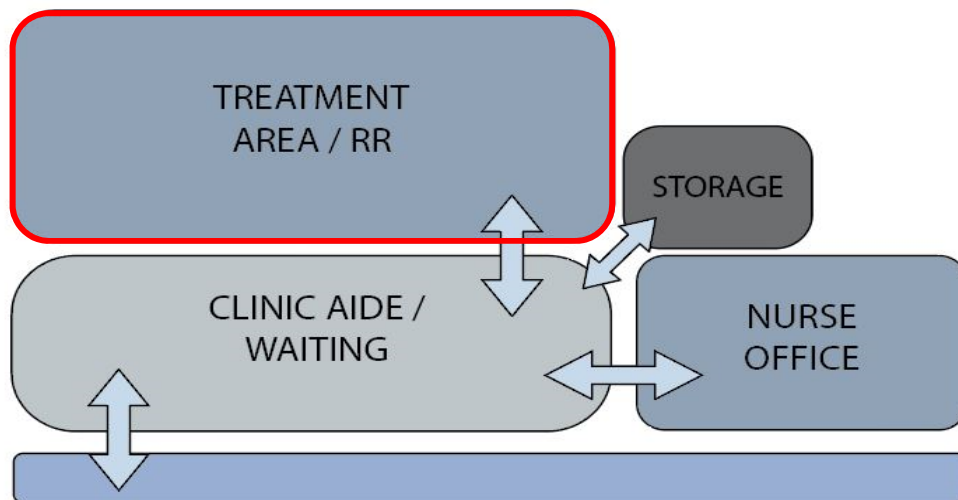
DESCRIPTION OF SPACE AND USES:

Clinic space to house area for four (4) cots and a separate isolation area with one cot, along with a single user restroom.

SPATIAL RELATIONSHIP:

Spaces to be adjacent to each other housed within the clinic area and with direct access to the nurse office.

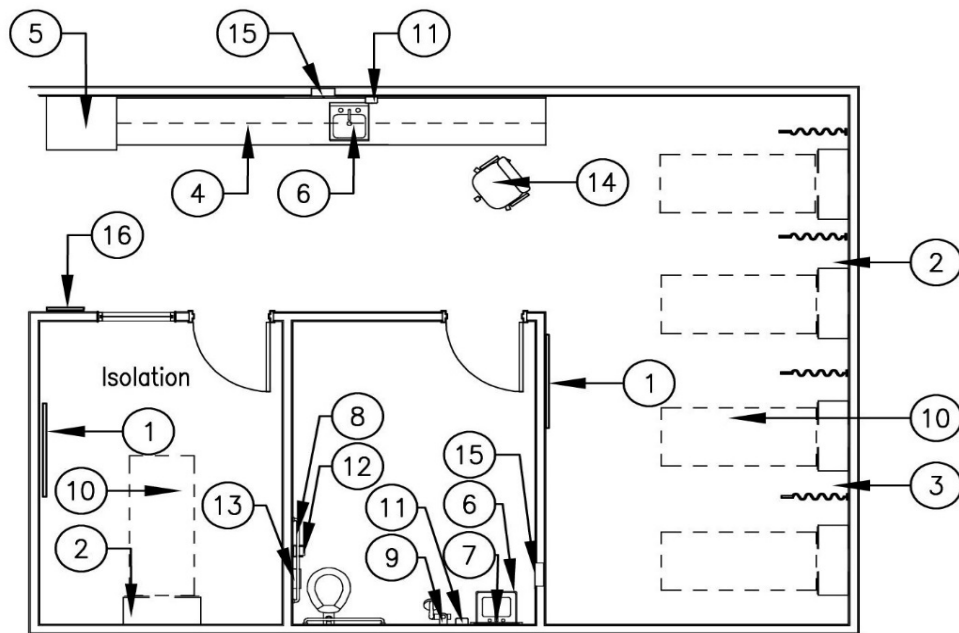
RELATIONSHIP DIAGRAM



Treatment Area

Treatment Area

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Markerboard	1		2	5' x 4'	
Overhead Cabinet	2		5		
Cubicle Curtains	3		4		
Upper & Lower Cabinet	4	Line wall			
Refrigerator with Ice Maker	5		1		
Sink	6		2		
Mirror	7		1		
Grab Bars	8		2		
Handheld Shower	9		1		
Cots	10		4	30"D x 6'L	

Treatment Area					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	11	Contractor installed	2		
Restroom Paper Dispenser	12	Contractor installed	1		
Feminine Napkin Disposal	13	Contractor installed	1		
Task Chair	14	Rolling	1		
Paper Towel Dispenser	15	Contractor installed	2		
Eye Chart	16		1		
Notes:					
1. Allow 3'-6" to 4'-0" between cots. 2. Provide lights over each cot in treatment and isolation areas with individual switches. 3. Provide electrical outlet at each cot. 4. Electrical outlets for devices should be tied to emergency generator. 5. Provide direct line of sight from Nurse's office to cot area. 6. Prescription storage areas to be keyed independently of clinic keying systems.					

Nurse's Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Nurse's Office	1	1	150	150	Window(s) to view into waiting / treatment spaces.

PROGRAM DETAILS

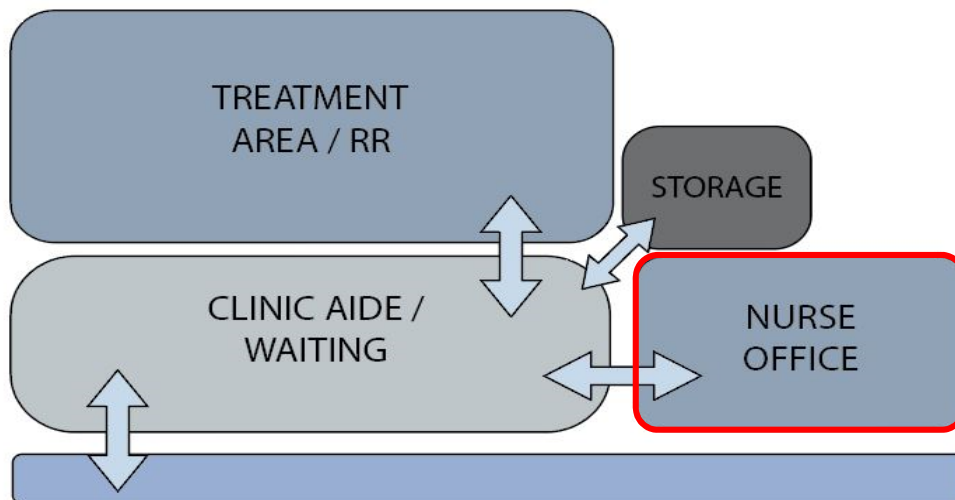
DESCRIPTION OF SPACE AND USES:

Hearing tests, teacher/parent conference space, and diagnosis.

SPATIAL RELATIONSHIP:

Must be located within Clinic adjacent to Treatment and Clinic Aide spaces.

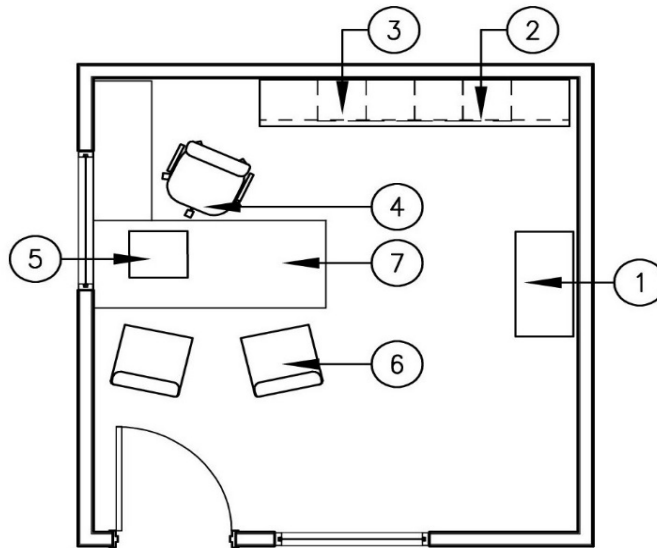
RELATIONSHIP DIAGRAM



Nurse's Office

Nurse's Office

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Bookshelf	1		1		
Overhead Cabinets	2		2		
Vertical File Cabinet Drawers	3	Plastic Laminate Top	4		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Task Chair	4		1		
Clinic Tool Set	5		1		
Chair	6		2		
Desk	7	With return	1		

Notes:

1. Provide window(s) from Nurse Office into Treatment Areas/Clinic, with direct line of sight to cots.

Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Storage	1	1	50	50	

PROGRAM DETAILS

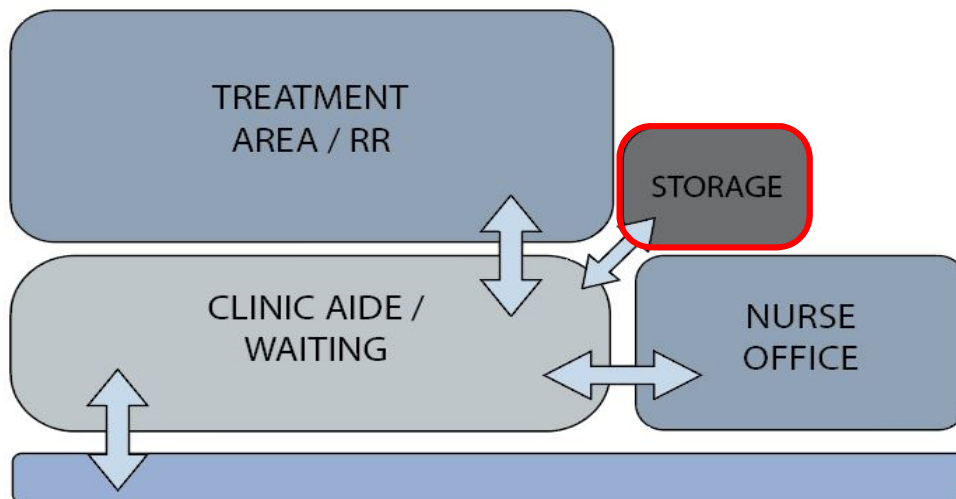
DESCRIPTION OF SPACE AND USES:

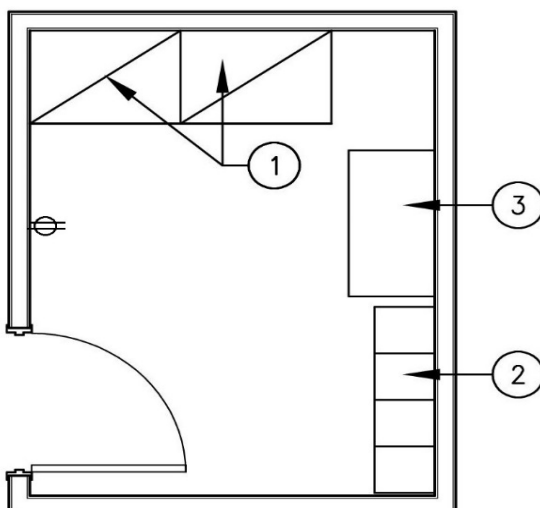
Storage space for clinic files, equipment and necessary supplies. Room for nurse's cart should also be provided.

SPATIAL RELATIONSHIP:

Must be located within Clinic.

RELATIONSHIP DIAGRAM



Storage					
Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1		2	36" x 24" x 84"	
Vertical File Cabinet Drawers	2		4		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Nurse Cart	3		1		
Notes:					
1. Provide electrical outlets in storage for hearing equipment.					
2. Provide clear floor area inside storage for a wheelchair and cart mounted hearing equipment.					

Counseling Secretary / Reception Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Counseling Secretary / Reception Area	1		250	250	

PROGRAM DETAILS

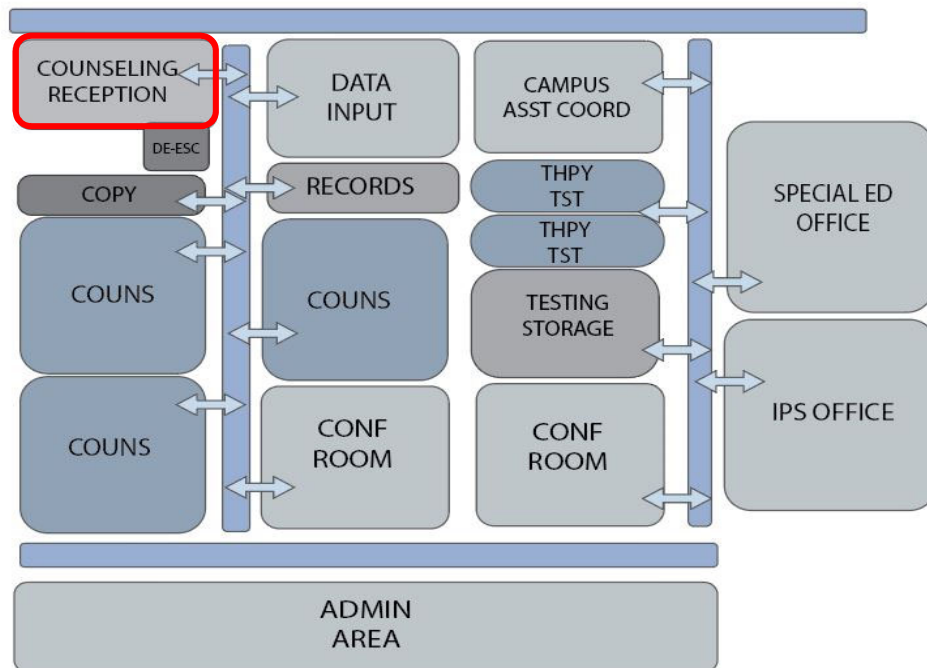
DESCRIPTION OF SPACE AND USES:

Waiting area for meetings with Counselors; schedule reviews and workspace for Counseling Secretary. This area must be very welcoming for students and parents with a calming color palette, and natural light.

SPATIAL RELATIONSHIP:

Locate within Counseling Suite

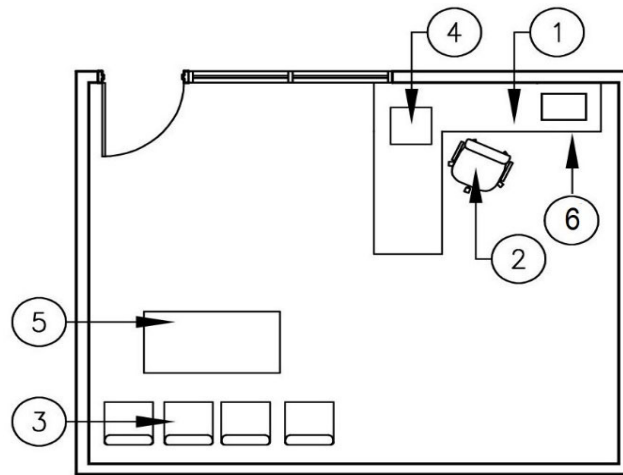
RELATIONSHIP DIAGRAM



Counseling Secretary / Reception Area

Counseling Secretary / Reception Area

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Desk	1	With return	1		
Task Chair	2		1		
Chair	3		4		
Office Tool Set	4		1		
Coffee Table	5		1		
Printer	6		1		

Notes:

Counselor's Office**PROGRAM SPACES**

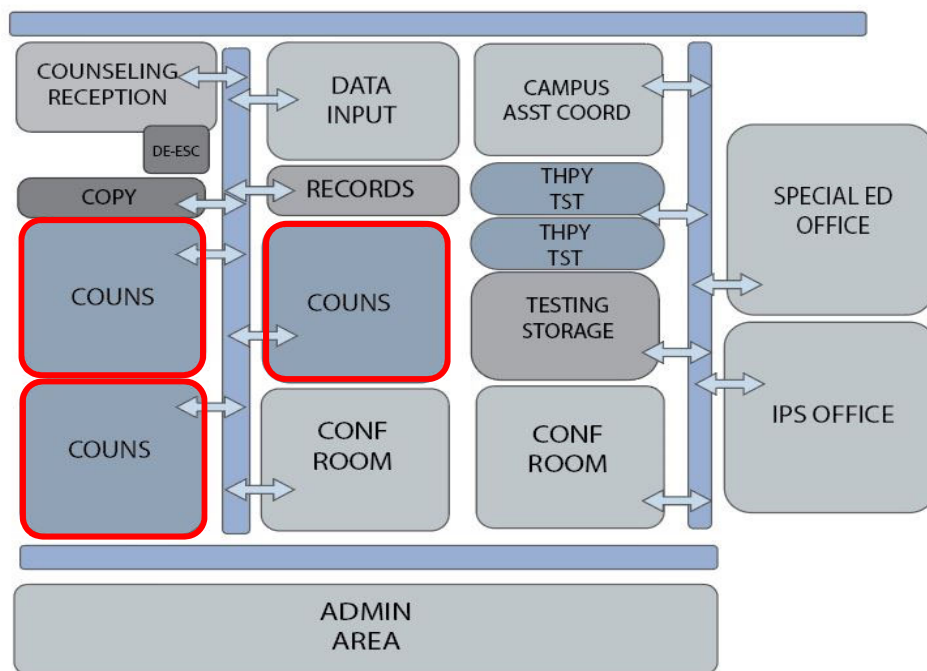
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Counselor's Office	3		200	600	Confirm number of counselors prior to design.

PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Office space for Counselors to meet with students and parents.

SPATIAL RELATIONSHIP:

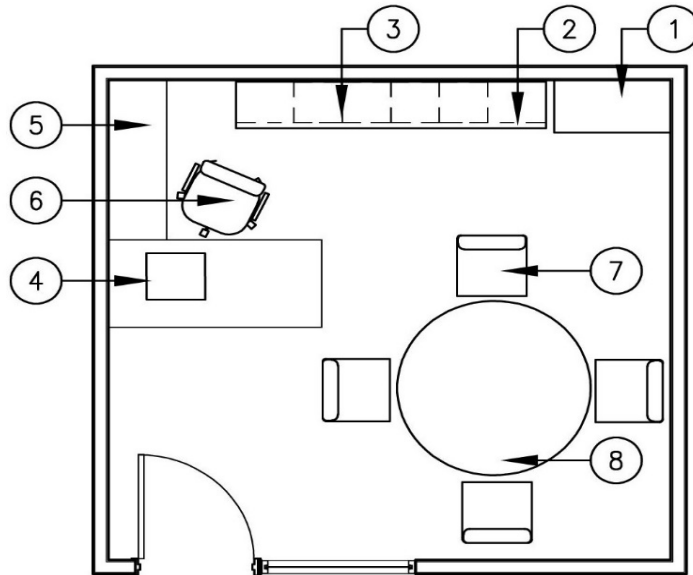
Counselor's offices should be located together close to the Administration area and main entry. They need to be in close proximity to a conference room.

RELATIONSHIP DIAGRAM

Counselor's Office

Counselor's Office

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Tall Open Shelving Unit	1		1	36" x 24" x 84"	
Upper Cabinets	2		2		
Vertical File Cabinet Drawers	3	Plastic Laminate top	4		
Furniture/Equipment Tag No. Notes Qty. Size Comments					
NOT IN CONTRACT / OWNER PROVIDED					
Office Tool Set	4		1		
Desk	5	With return	1		
Task Chair	6		1		
Chair	7		4		
Conference Table	8		1		

Notes:

Conference Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Conference Room	2		300	600	

PROGRAM DETAILS

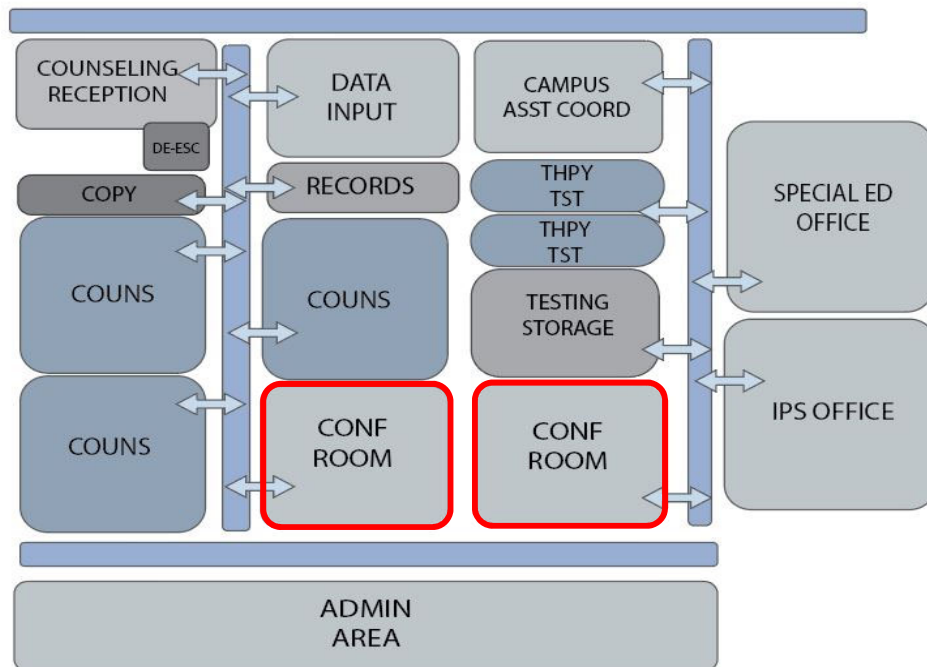
DESCRIPTION OF SPACE AND USES:

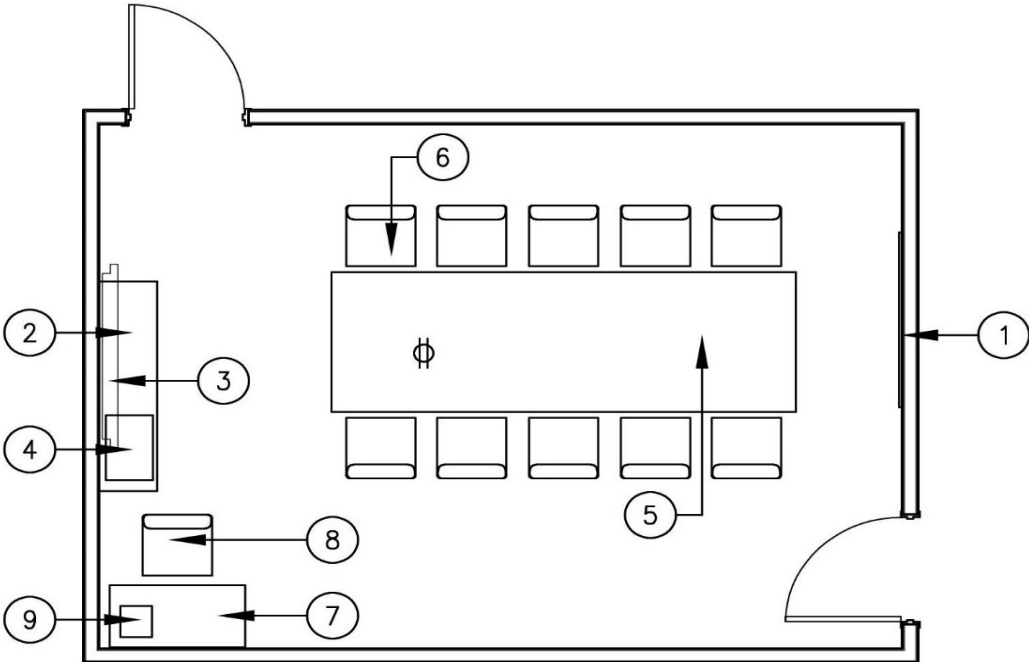
Conference room for counselor use and Admission, Review and Dismissal (ARD) meetings.

SPATIAL RELATIONSHIP:

Locate within Counseling Suite

RELATIONSHIP DIAGRAM



Conference Room				Conference Room	
				LAYOUT	
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 10'	
Credenza	2		1		
Projection Device	3		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Large Conference Tool Set	4		1		
Conference Table	5	Power in floor	1		
Chair	6		10		
Desk	7	For ARD meetings	1		
Task Chair	8	For ARD meetings	1		
Printer	9	For ARD meetings	1		
Notes:					
1. Floor outlet to be provided for conference table. Coordinate with furniture supplier.					

Special Education Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Special Education Office	1	1	450	450	Large group space for special programs

PROGRAM DETAILS

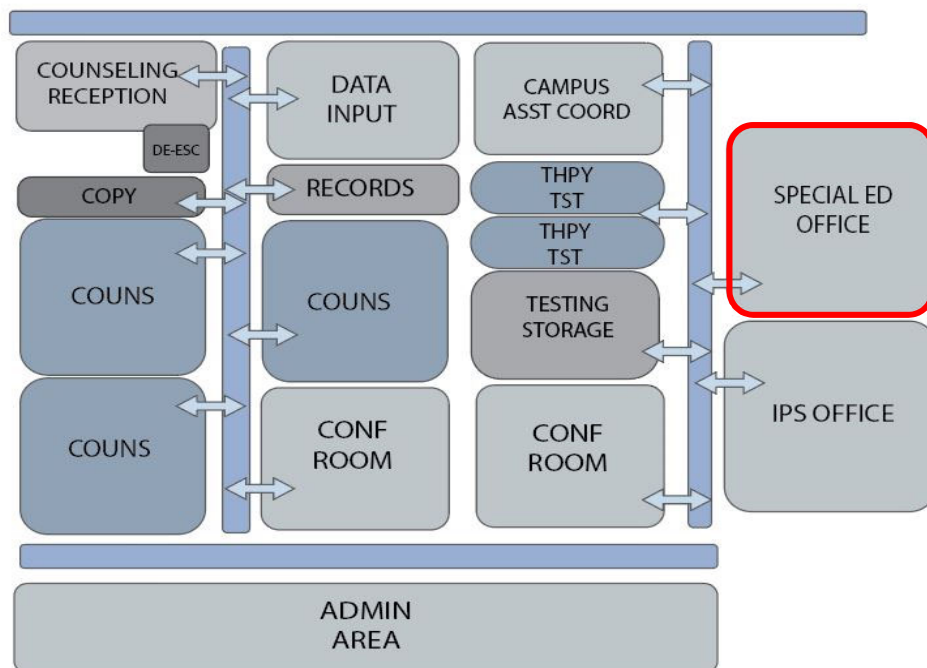
DESCRIPTION OF SPACE AND USES:

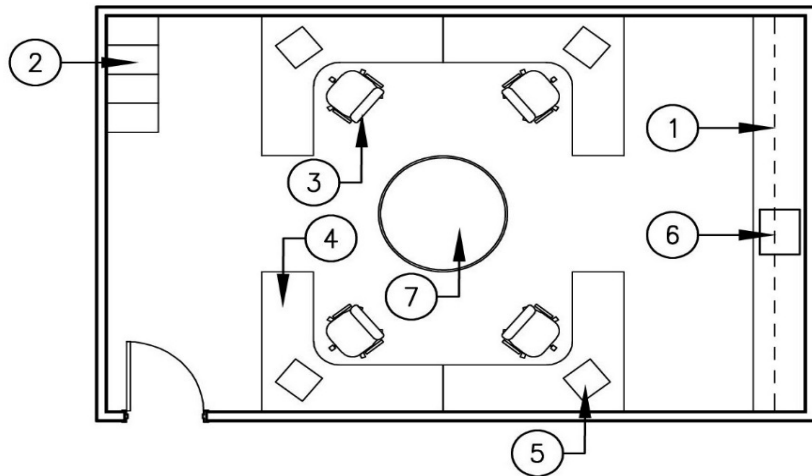
Office space for Campus Compliance Coordinator (CCC), Diagnostician, Licensed Specialist in School Psychology (LSSP), and Speech Language Path (SLP) to meet with staff, students and parents.

SPATIAL RELATIONSHIP:

May be located in the Specialized Classroom wing with access to Special Education.

RELATIONSHIP DIAGRAM



**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

IN CONTRACT / CONTRACTOR PROVIDED

Upper and Lower Cabinets	1				
Vertical File Cabinets	2		4		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

NOT IN CONTRACT / OWNER PROVIDED

Task Chair	3		4		
Desk	4	With return	4		
Office Tool Set	5		4		
Printer	6	Shared	1		
Conference Table	7		1		

Notes:

Therapy Testing

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Therapy Testing	2		150	300	

PROGRAM DETAILS

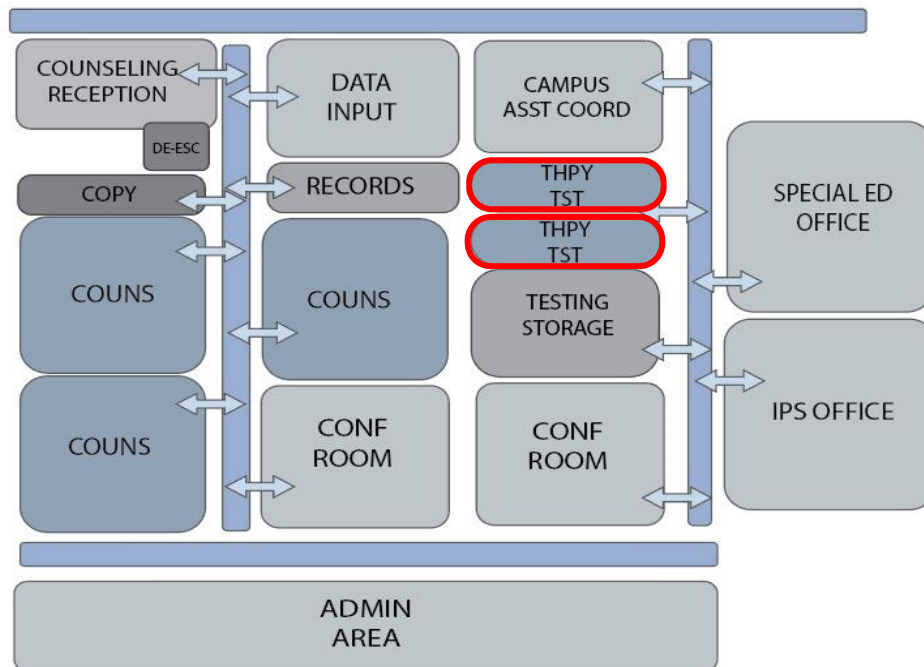
DESCRIPTION OF SPACE AND USES:

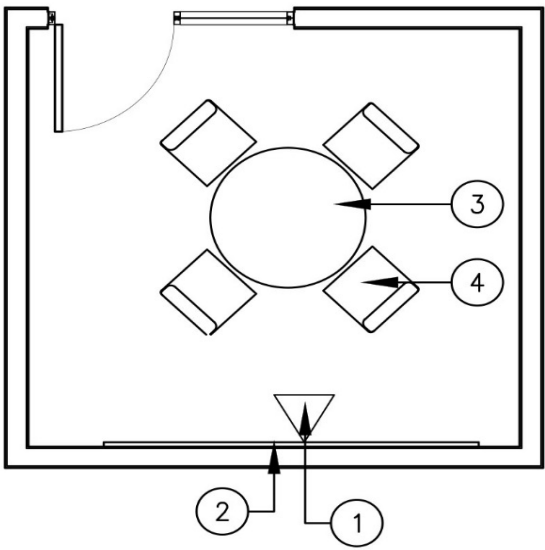
Conference rooms for Campus Compliance Coordinator (CCC), Diagnostician, Licensed Specialist in School Psychology (LSSP), and Speech Language Path (SLP) to meet with students and/or parents and for therapy testing.

SPATIAL RELATIONSHIP:

Adjacent to each other and close to Special Education offices.

RELATIONSHIP DIAGRAM



Therapy Testing					
Therapy Testing					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 4'	
Instructional Display Technology	2		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Conference Table	3		1		
Chairs	4		5		
Notes:					

Testing Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Testing Storage	1		160	160	Room to have card reader access/ secure.

PROGRAM DETAILS

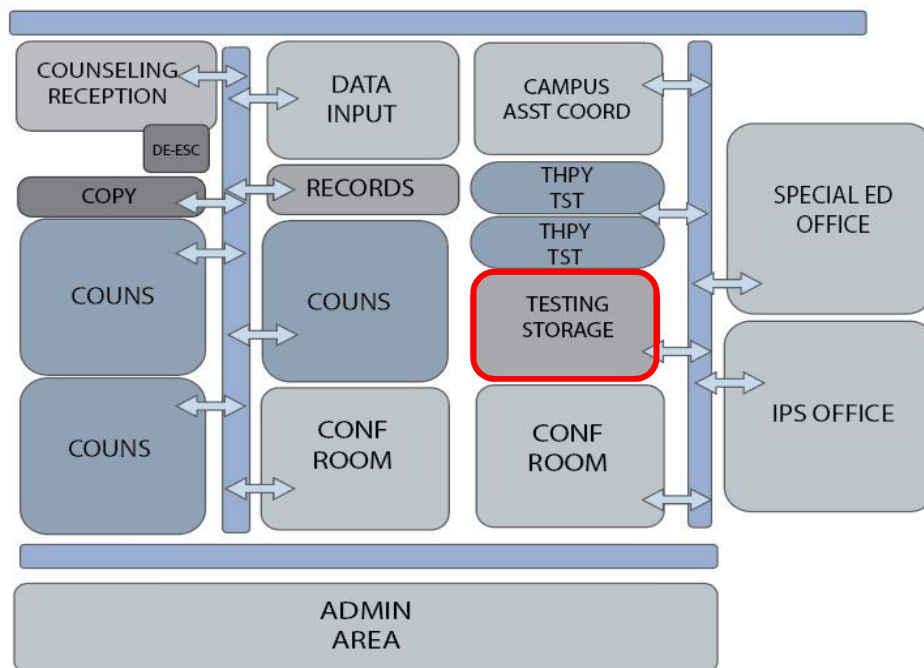
DESCRIPTION OF SPACE AND USES:

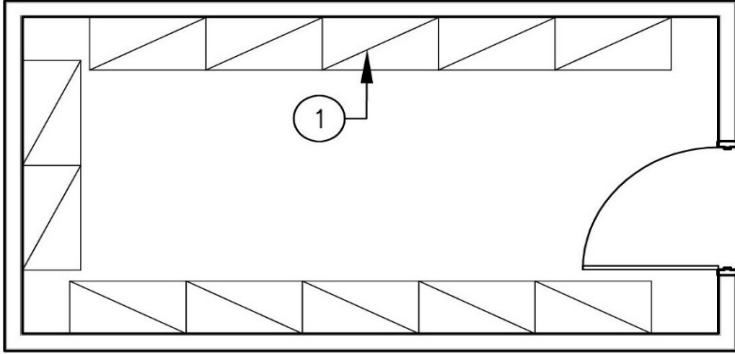
Storage space for standardized testing materials.

SPATIAL RELATIONSHIP:

Located close to Special Education offices.

RELATIONSHIP DIAGRAM



Testing Storage					
Testing Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line walls with shelves		36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					
1. Room to be 1 hour rated.					

PROGRAM SPACES

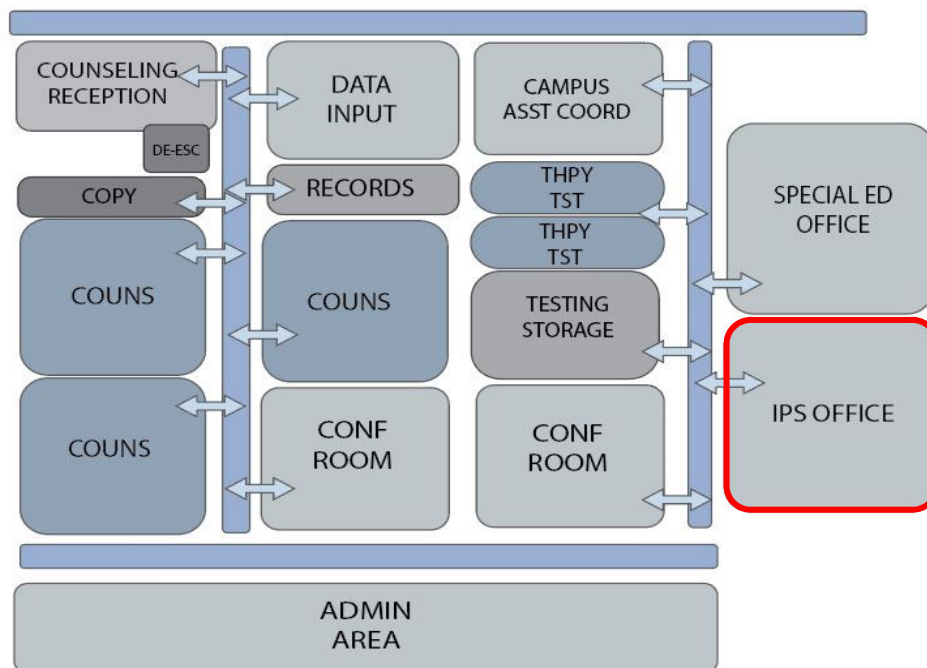
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
IPS Office	1		450	450	

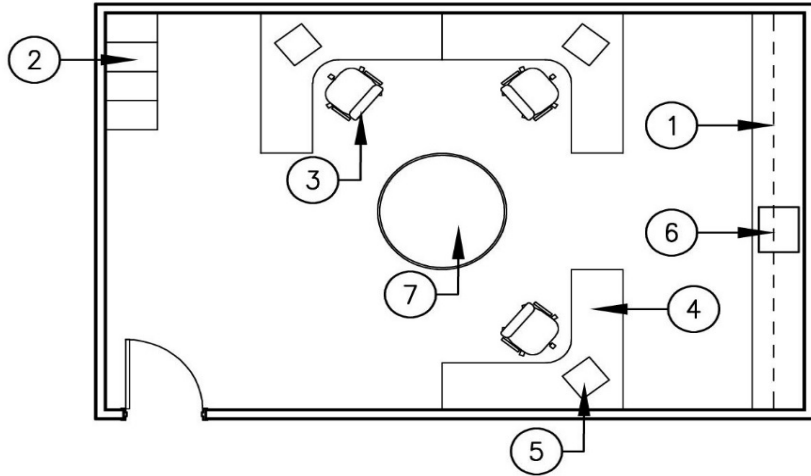
PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Office space for Itinerant Professionals.

SPATIAL RELATIONSHIP:

To be located adjacent to Special Education offices.

RELATIONSHIP DIAGRAM

**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1				
Vertical File Cabinets	2		4		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Task Chair	3		3		
Desk	4	With return	3		
Office Tool Set	5		3		
Printer	6	Shared	1		
Conference Table	7		1		

Notes:

Data Input Office					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Data Input Office	1		150	150	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Registrar duties, data entry.					
SPATIAL RELATIONSHIP: Locate within Counseling Suite					
RELATIONSHIP DIAGRAM					

Data Input Office					
Data Input Office					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Vertical File Cabinets	1		4		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Desk	2	With return	2		
Office Tool Set	3		2		
Task Chair	4		2		
Notes:					

Counseling De-escalation Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Counseling De-escalation Area	1		120	120	

PROGRAM DETAILS

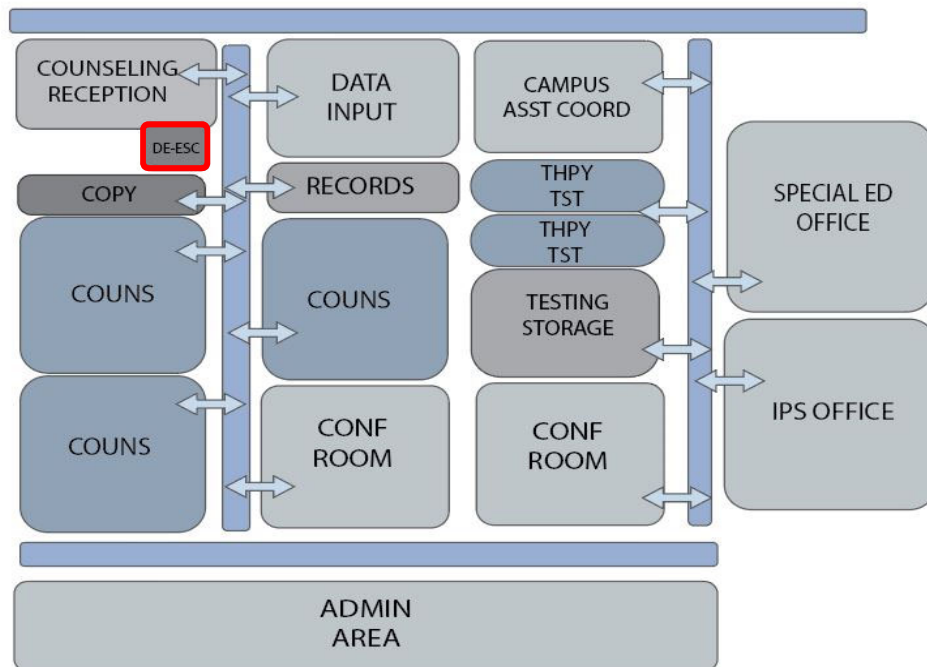
DESCRIPTION OF SPACE AND USES:

Calming area, space to de-escalate students.

SPATIAL RELATIONSHIP:

Locate adjacent to Reception space.

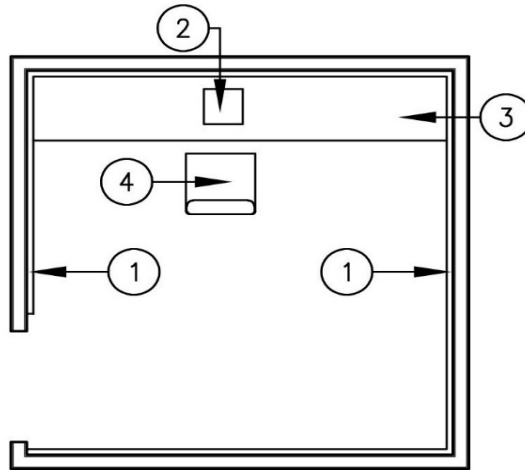
RELATIONSHIP DIAGRAM



Counseling De-escalation Area

Counseling De-escalation Area

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
High Impact Acoustical Panels	1	Line walls			
Speakers for Music	2		1		
Built-in Counter	3		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Chair	4		1		

Notes:

Records Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Records Room	1		100	100	

PROGRAM DETAILS

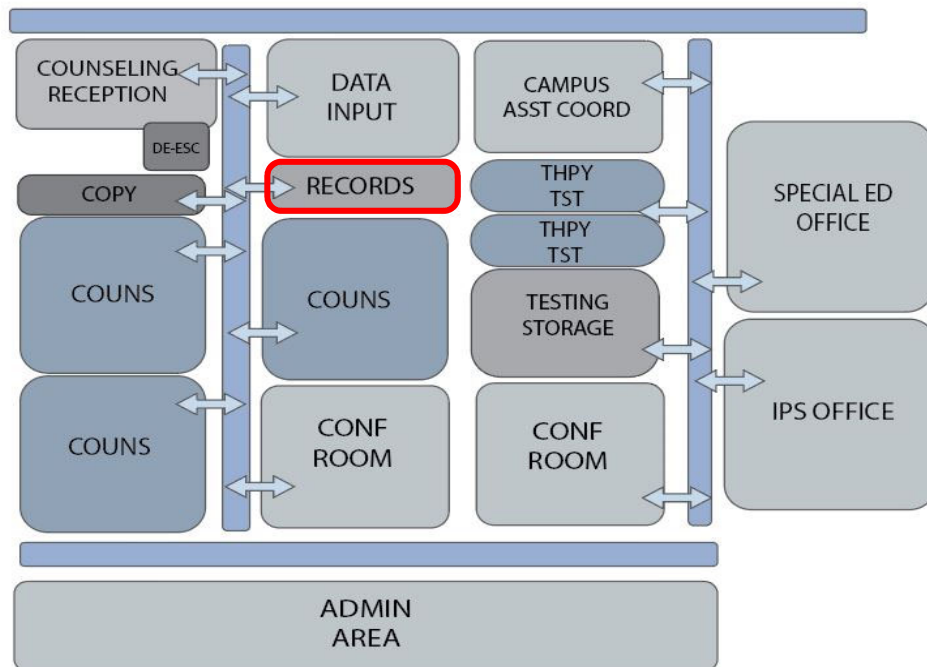
DESCRIPTION OF SPACE AND USES:

Storage of student records.

SPATIAL RELATIONSHIP:

Locate within Counseling Suite.

RELATIONSHIP DIAGRAM



Records Room					
Records Room					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Vertical File Cabinets	1		8		
Metal Shelving	2		4	36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Counseling Copy Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Counseling Copy Area	1		80	80	

PROGRAM DETAILS

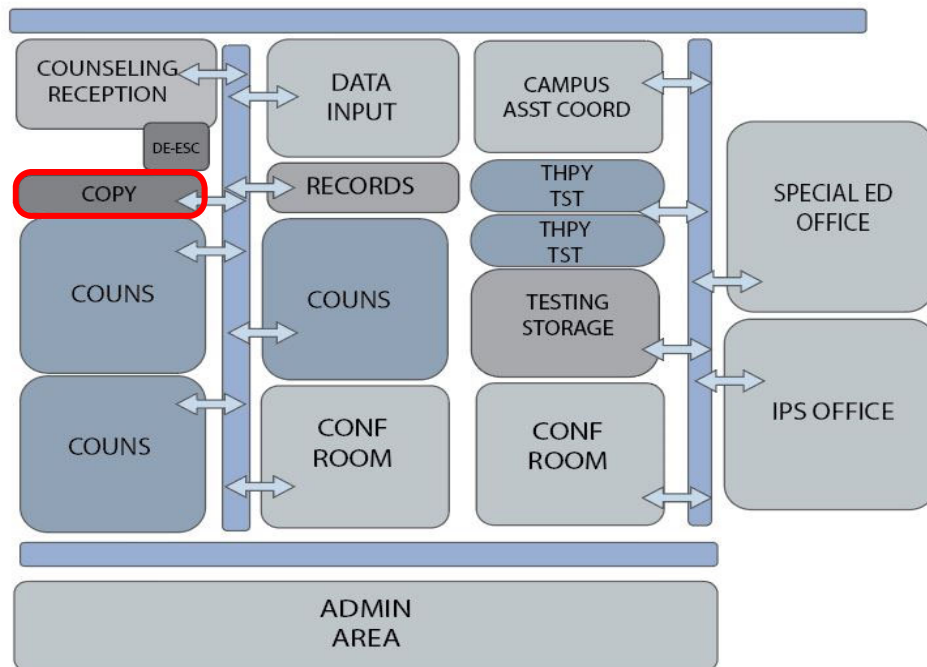
DESCRIPTION OF SPACE AND USES:

Area for copying and paper supply storage.

SPATIAL RELATIONSHIP:

Locate within Counseling Suite

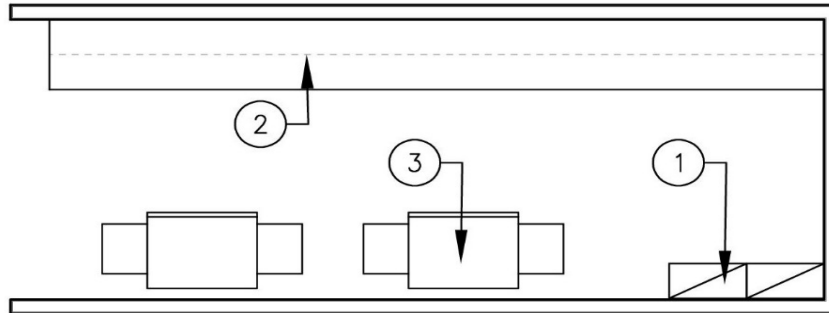
RELATIONSHIP DIAGRAM



Counseling Copy Area

Counseling Copy Area

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1		2	36" x 24" x 84"	
Upper and Lower Cabinets	2	Line one wall			
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Copier	3		2		

Notes:

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Campus Assistance Coordinator

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Campus Assistance Coordinator	1		180	180	

PROGRAM DETAILS

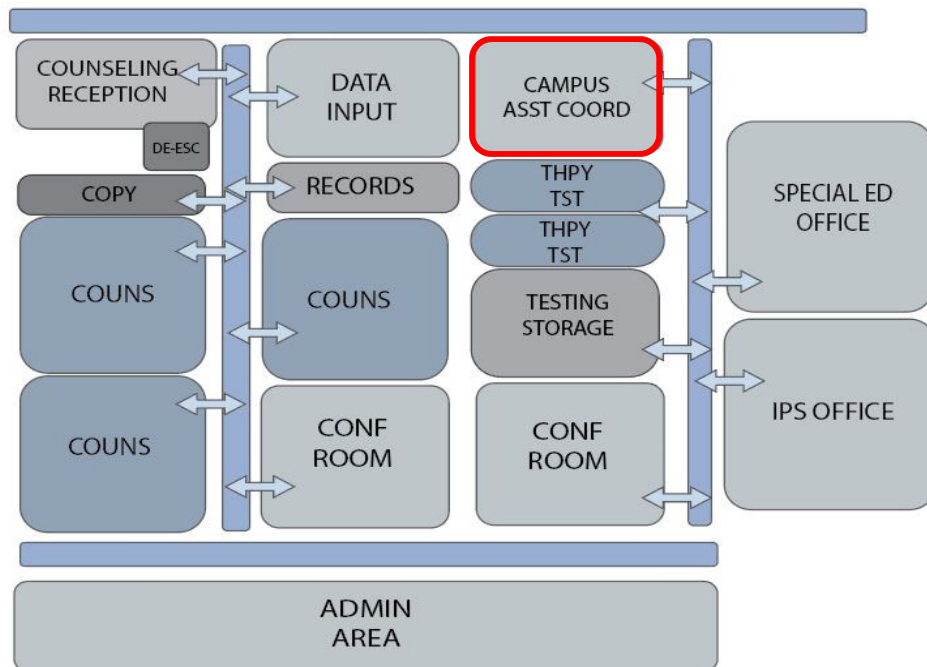
DESCRIPTION OF SPACE AND USES:

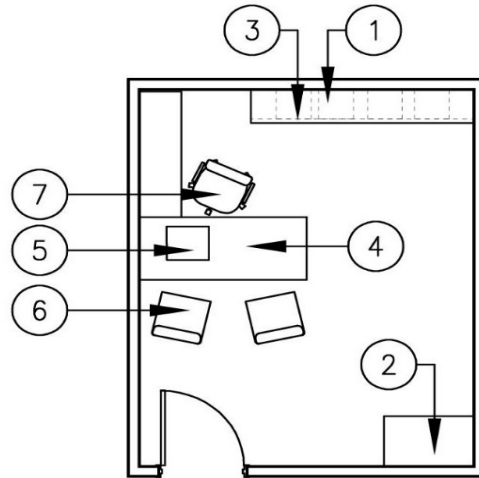
Administrative space for Campus Assistance Coordinator

SPATIAL RELATIONSHIP:

Locate in Counseling Suite, next to Testing Storage.

RELATIONSHIP DIAGRAM



**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Vertical File Cabinet Drawers	1	Plastic Laminate Top	4		
Tall Shelving Unit	2		1	36" x 24" x 84"	
Upper Cabinets	3		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Desk	4	With return	1		
Office Tool Set	5		1		
Task Chair	7		1		
Chair	6		2		

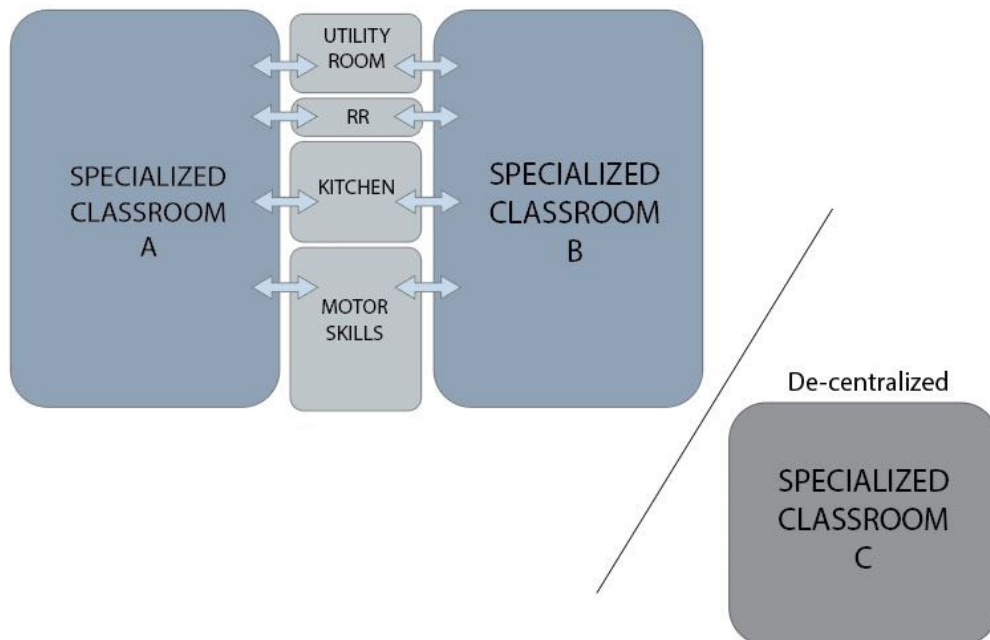
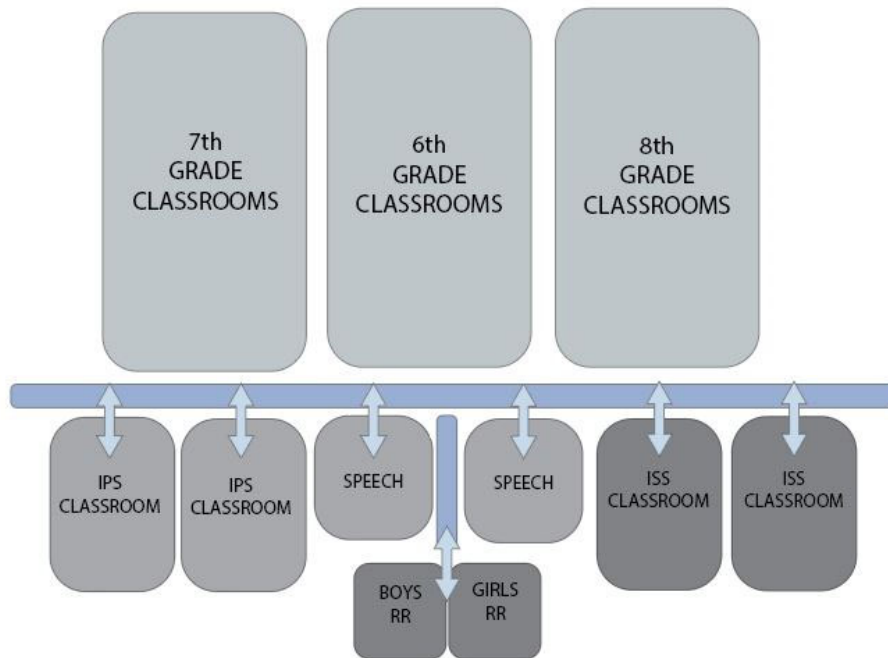
Notes:



ACADEMIC CLASSROOMS



ACADEMIC CLASSROOMS



ACADEMIC CLASSROOMS

3. PROGRAM OF SPACE

Space/Function	Qty	SF	Total SF	Notes
ACADEMIC CLASSROOMS				
Academics				
Classrooms	27	800	21,600	
Journalism Classroom	1	900	900	
Journalism Storage	1	100	100	
Broadcast Room	1	200	200	
Science Labs	9	1,400	12,600	
Science Prep Room/Storage	6	300	1,800	
Digital STEM Labs	3	1,000	3,000	
Digital STEM Lab Storage	3	80	240	
Multi-Purpose Lab (LGI)	3	1,600	4,800	One per grade level
ISS Classroom	2	800	1,600	
PLC	3	500	1,500	One per grade level
Speech Therapy	2	400	800	
Book Storage	2	400	800	One on each floor
Collaboration	3	1,400	4,200	One per grade level
Department Storage	9	150	1,350	Three per grade level
Student Restrooms	6	250	1,500	One each (boy/girl) per grade level
Unisex Staff Restroom	3	60	180	One per grade level
ACADEMIC CLASSROOMS SUBTOTAL:			51,170	SF
Special Education				
Specialized Classroom	2	1,000	2,000	
Specialized Classroom	1	750	750	
OT/PT Motor Lab	1	450	450	
Instructional Pull-Out Space (IPS)	6	600	3,600	Located within Academic Wing
Utility Room	1	250	250	
Kitchenette	1	250	250	
Specialized Classroom RR	1	290	290	
SPECIAL CLASSROOMS SUBTOTAL:			7,590	

ACADEMIC CLASSROOMS

4. FINISHES

	Walls				Floor			Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Sealed Concrete	Tile	2x2 Acoustical Lay-In	Exposed	
ACADEMIC CLASSROOMS										
Classrooms										
Classrooms	X				X			X		
Journalism Classroom	X				X			X		
Journalism Storage	X				X			X		
Science Labs	X				X			X		
Science Prep Room/Storage	X				X			X		
Digital STEM Labs	X				X			X		
Multi-Purpose Lab (LGI)	X				X			X		
PLC	X				X			X		
Speech Classroom	X				X			X		
ISS Classroom	X				X			X		
Book Storage			X		X			X		
Grade Level Commons	X				X			X		
Department Storage			X		X			X		
Boy's Restroom / Girl's Restrooms		X					X	X		
Unisex Staff Restroom		X					X	X		
Corridors	X				X			X		
Special Education										
Specialized Classroom	X				X			X		
OT/PT Motor Lab	X				X			X		
IPS Classrooms	X				X			X		
Utility Room / Restroom		X					X	X		
Kitchenette		X					X	X		
Special Education Storage			X		X			X		
Corridors	X				X			X		

Classrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Classrooms	27	25	800	21,600	

PROGRAM DETAILS

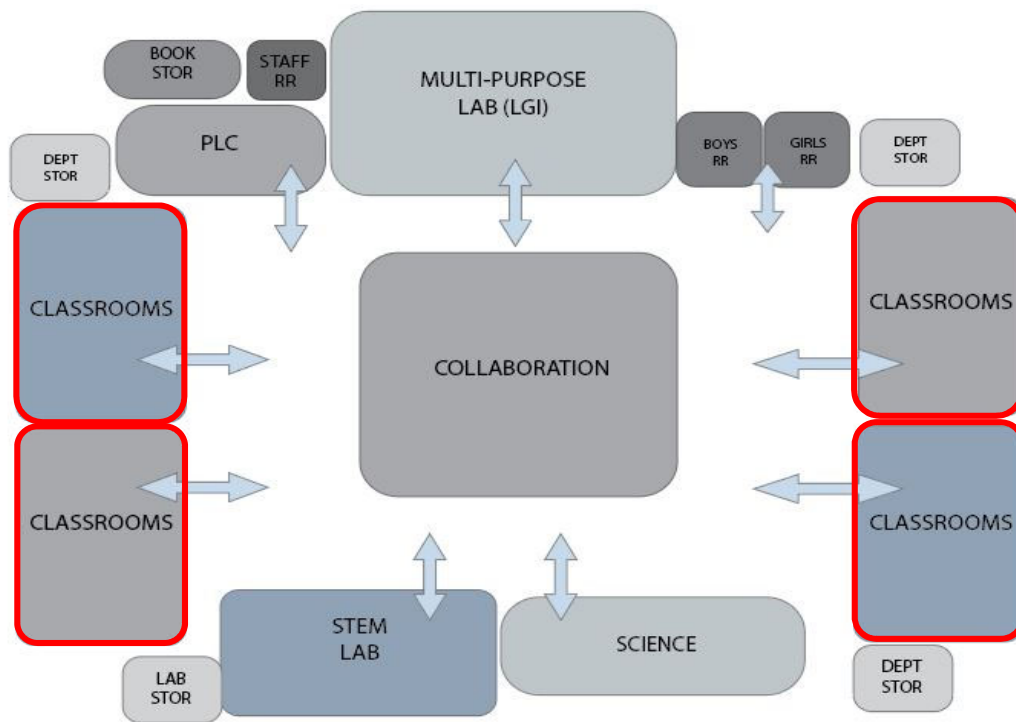
DESCRIPTION OF SPACE AND USES:

Classrooms for daily instruction. Learning activities listed below.

SPATIAL RELATIONSHIP:

Locate appropriate number of classrooms per grade level in each grade level classroom wing.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

Classrooms

OTHER ACTIVITIES:

Classroom Library - Individual reading, student self selection

Continuous Learning- Spill over to learning commons adjacent to classroom

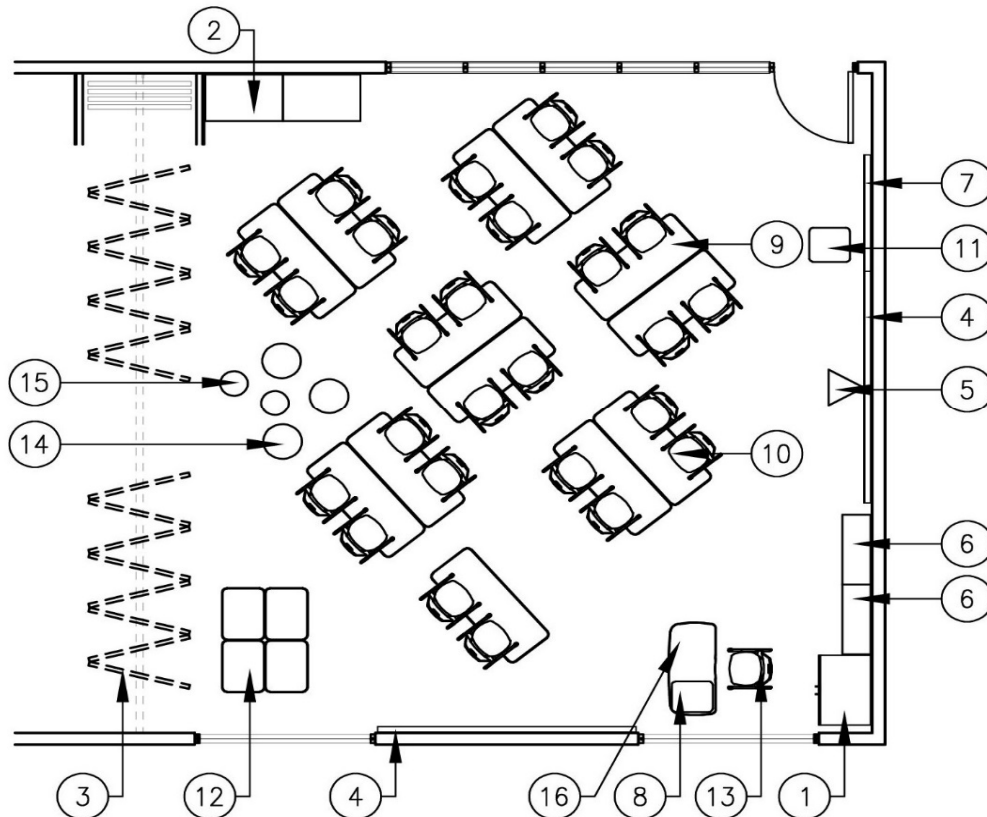
Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

Classrooms

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Teacher Wardrobe	1	Lockable	1	36" x 24" x 84"	
Tall Shelving Unit	2	Lockable	2	36" x 24" x 84"	
Magnetic Folding Wall	3	Markerboard Surface	1		
Markerboard	4	One below projector	2	5' x 10'	
Instructional Display Technology	5		1		
Bookshelf	6	Moveable	2		
Markerboard	7		1	4' x 5'	

Classrooms					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Tool Set	8		1		
Student Desk	9		14		
Student Chair	10	Stackable	28		
Student Device Cart	11		1		
Student Desk	12	Standing height	4		
Task Chair	13	Lockable Casters	1		
Stool	14	30"	3		
Stool	15	18 1/2"	2		
Teacher Desk	16		1		
Notes:					
1. Provide windows to exterior for access to natural light and views to outdoors. 2. Provide windows to commons hallway for extended learning opportunities outside classroom. 3. Provide electrical outlet in one tall shelving unit for calculator storage/charging.					

Journalism Classroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Journalism Classroom	1	25	900	900	

PROGRAM DETAILS

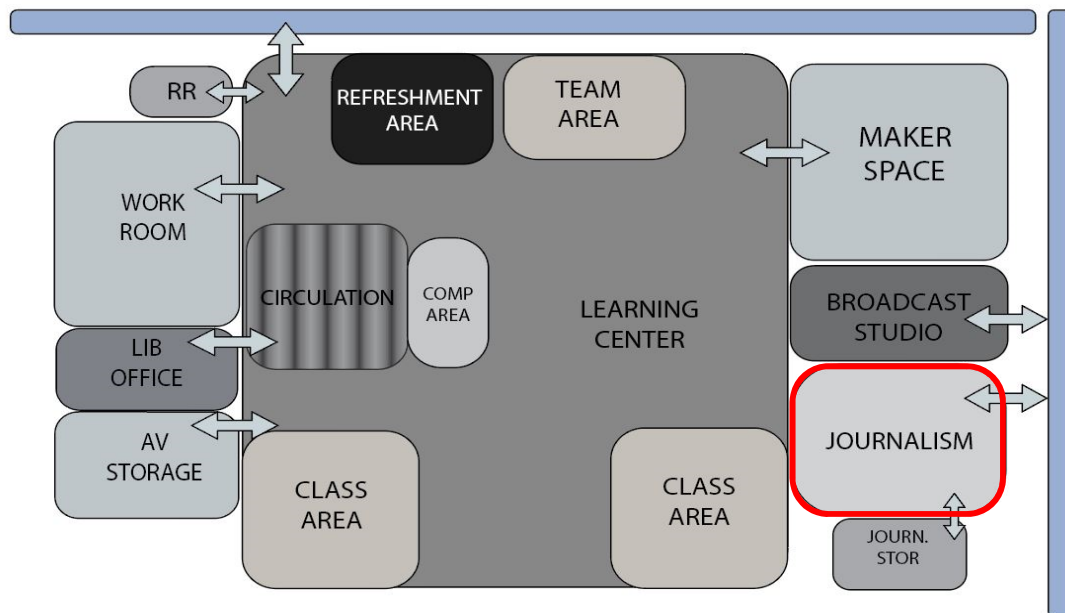
DESCRIPTION OF SPACE AND USES:

Classroom for instruction and learning activities focused on journalism.

SPATIAL RELATIONSHIP:

Locate next to Broadcast Room.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

Classroom Library - Individual reading, student self selection

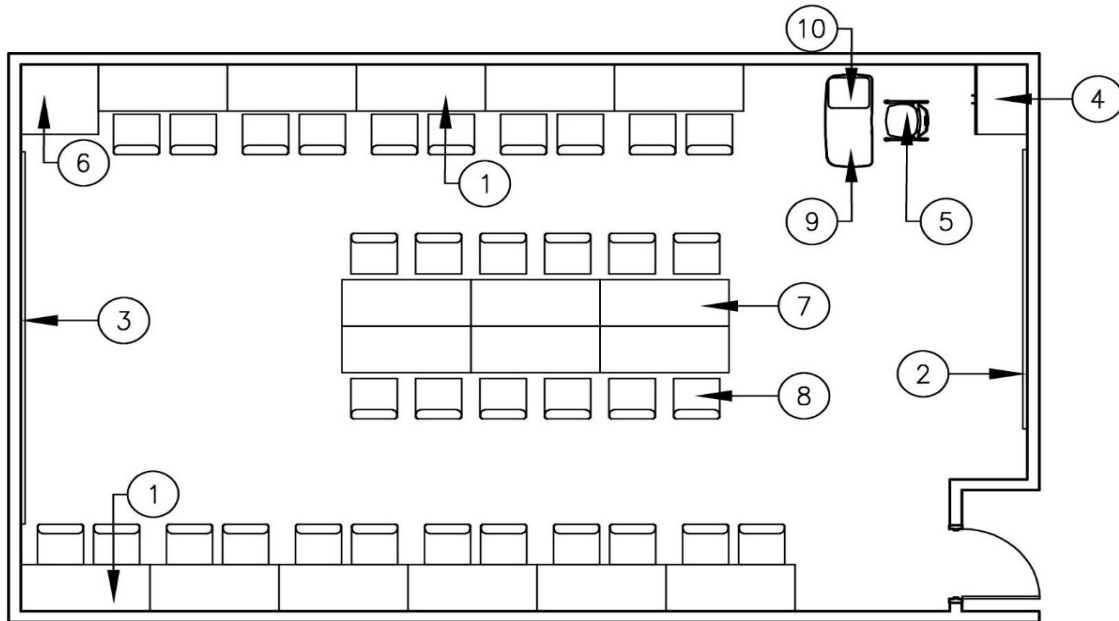
Continuous Learning- Spill over to learning commons adjacent to classroom

Journalism Classroom

Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

Journalism Classroom**LAYOUT****EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Student Workstations	1	Seating for 2	13		
Markerboard	2		1	12'	
Markerboard	3		1	16'	
Teacher Wardrobe	4		1		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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NOT IN CONTRACT / OWNER PROVIDED

Task Chair	5		1		
Printer	6		1		
Work Tables	7		4		
Chairs	8		34		
Teacher Desk	9		1		
Teacher Tool Set	10		1		

Notes:

1. Provide 6" sidelight into collaboration/hallway.

2. When available, provide windows to outside for natural light.

Journalism Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Journalism Storage	1		100	100	

PROGRAM DETAILS

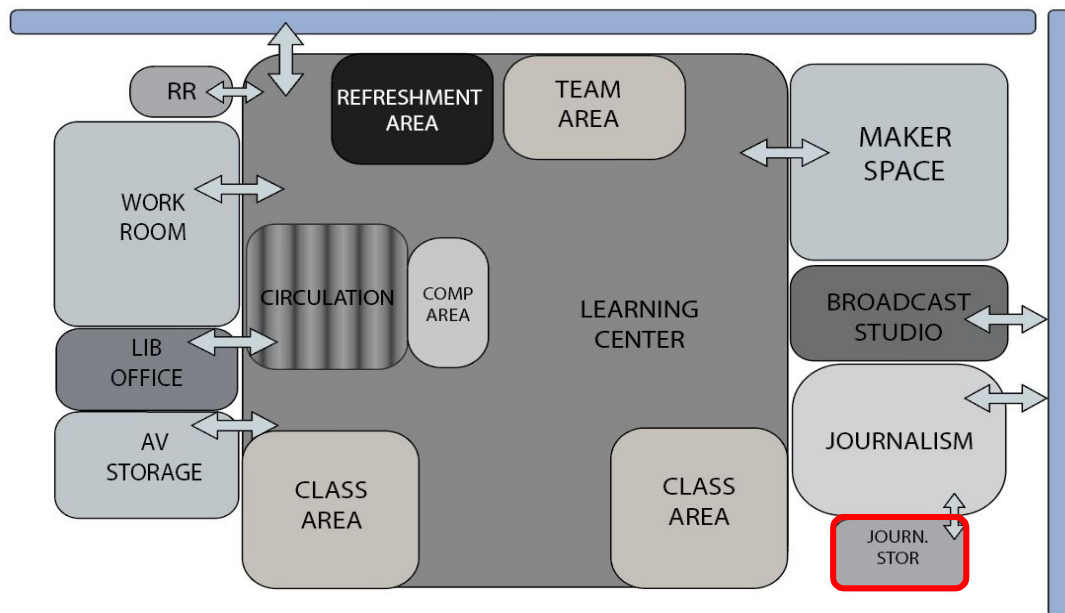
DESCRIPTION OF SPACE AND USES:

Storage of supplies and materials for Journalism class.

SPATIAL RELATIONSHIP:

Locate next to Journalism Classroom.

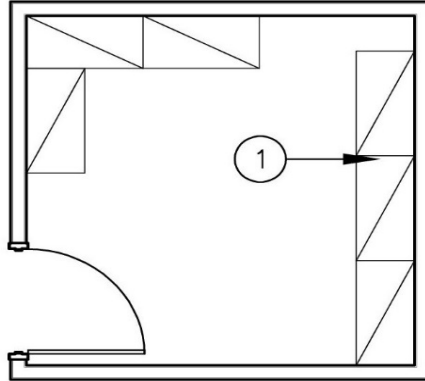
RELATIONSHIP DIAGRAM



Journalism Storage

Journalism Storage

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line walls		36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Broadcast Studio

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Broadcast Studio	1		200	200	Two green walls to be provided.

PROGRAM DETAILS

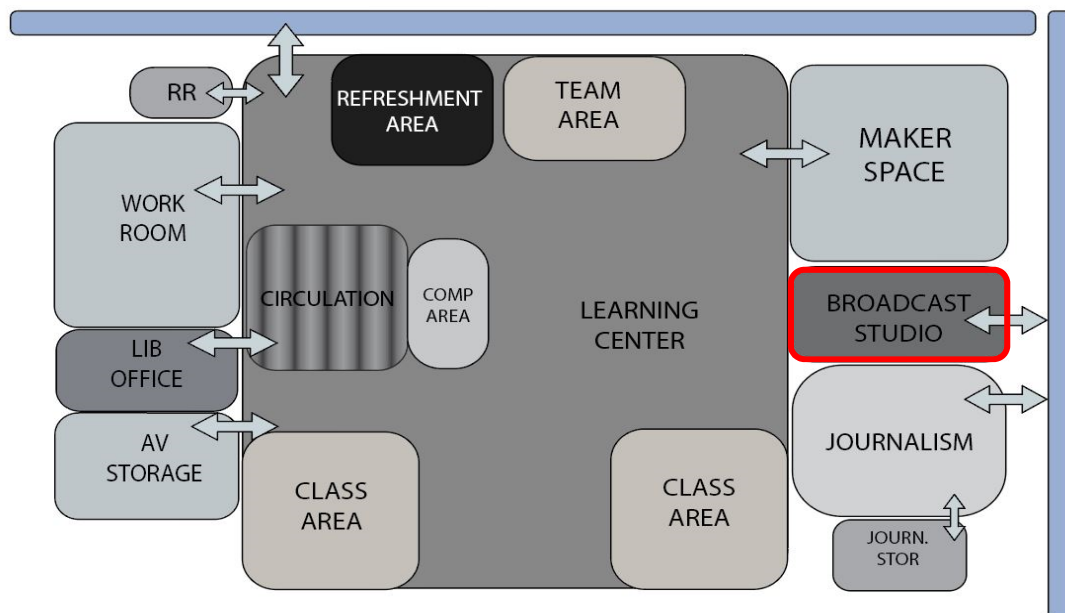
DESCRIPTION OF SPACE AND USES:

Announcements, broadcasted student instruction, school wide distributed videos, and after hour use by Administration. Green wall capabilities.

SPATIAL RELATIONSHIP:

Broadcast studio should be adjacent to library and be accessible from corridor.

RELATIONSHIP DIAGRAM



Broadcast Studio					
Broadcast Studio					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Tall Shelving Unit	1	Lockable; Adjustable Shelves	2	36" x 24" x 84"	
Markerboard	2		1	5' x 4'	
Green Wall	3		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Broadcast Tool Set	4		1		
Table	5		2		
Broadcast Table	6		1		
Chair	7		2		
Camera	8		1		
Notes:					
1. Door leading to Broadcast can have a door light.					
2. Power for lights is needed on wall perpendicular to green wall.					

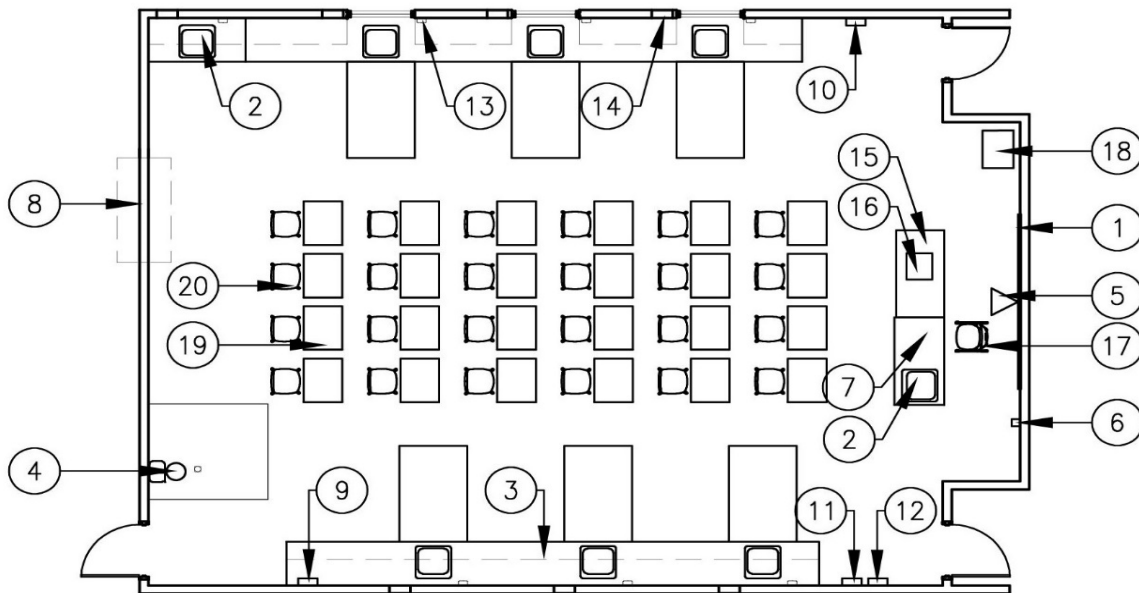
Science Labs					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Science Labs	9	25	1,400	12,600	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Classroom for science instruction, demonstration, experiments and other activities.					
SPATIAL RELATIONSHIP: Science labs shall be easily accessed by all classrooms; desirable location near an outdoor area with an exit door with hose bibb and power for related activities.					
RELATIONSHIP DIAGRAM					
LEARNING FRAMEWORK					
LEARNING ACTIVITIES: Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.					
OTHER ACTIVITIES: Team Activities - Teaming between rooms to enhance learning activities Blended Learning- Engaging, active learning through technology					

Makerspace - Hands on activities that elicit creativity and exploration from students.

Science Experiments - Hands on lab activities with teacher guidance.

Science Labs

LAYOUT



Furniture/Equipment

Tag No.

Notes

Qty.

Size

IN CONTRACT / CONTRACTOR PROVIDED

Markerboard	1	Below projector	1	5' x 10'	
Sinks	2	One Handicap	8		
Upper and Lower Cabinets	3	Line two walls; with sinks			
Emergency Eye Wash & Shower	4	Drain below; slope to drain	1		
Instructional Display Technology	5		1		
Isimet Controls	6	Connect all utilities	1		
Teacher Demonstration Table	7		1	60" x 24" x 36"	
Pass-Thru Fume Hood	8		1		
First Aid Kit	9		1		

Science Labs					
Fire Extinguisher Cabinet	10		1		
Goggle Cabinet	11		1		
Fire Blanket	12		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	13	Contractor Installed	8		
Paper Towel Dispenser	14	Contractor Installed	8		
Teacher Desk	15		1		
Teacher Tool Set	16		1		
Task Chair	17		1		
Student Device Cart	18		1		
Student Table	19	Moveable	24		
Student Stool	20	With back	24		
Notes:					
1. Provide fume hood in Chemistry Lab. Fume hood to be pass-thru to prep room. Ensure fume hood is handicap accessible. 2. No gas needed at middle school other than teacher's demonstration table. 3. Provide outlets throughout for student device use. 4. Comply with TEA regulations for room exhaust. 5. Provide glass doors at upper cabinets. 6. Sinks to be tied to acid dilution waste piping and tank. Refer to Technical Design Guidelines.					

Science Prep Room / Science Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Science Prep Room / Science Storage	6		300	1,800	

PROGRAM DETAILS

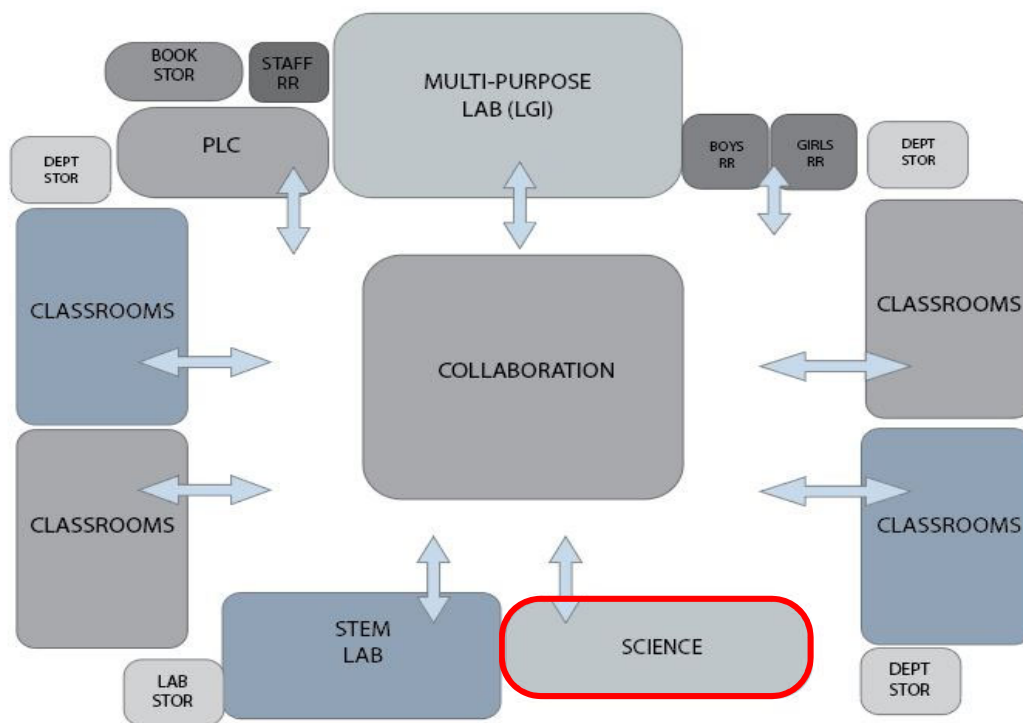
DESCRIPTION OF SPACE AND USES:

Preparation of science experiments and storage of materials.

SPATIAL RELATIONSHIP:

Locate one between two (2) Science Labs

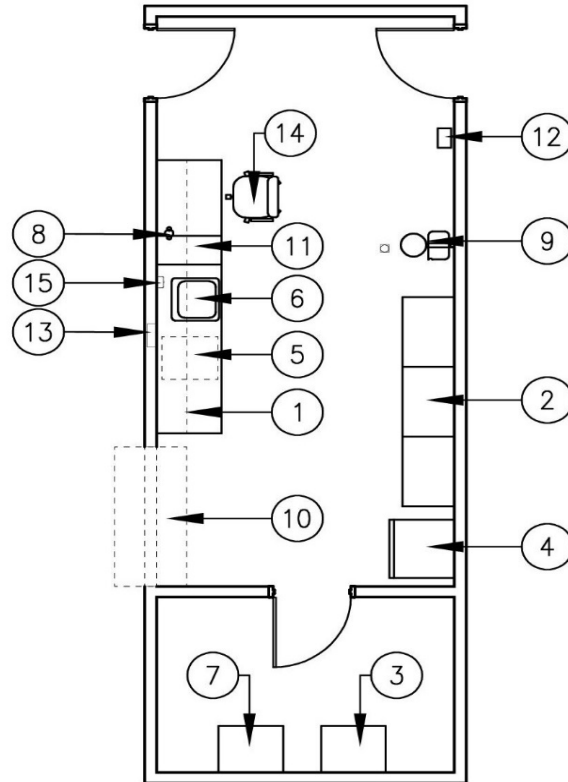
RELATIONSHIP DIAGRAM



Science Prep Room / Science Storage

Science Prep Room / Science Storage

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinet	1	Line one wall			
Tall Shelving Unit	2	Lockable	3	36" x 24" x 84"	
Acid Resistant Cabinet	3		1	36" x 24" x 84"	
Refrigerator	4	Full Size	1		
Dishwasher	5		1		
Sink	6		1		
Fire Resistant Cabinet	7		1		
Exhaust Fan	8		1		
Eyewash with Shower	9	With drain	1		
Fume Hood	10		1		
Vertical File Cabinet Drawers	11		1		
Isimet Controls	12		1		

Science Prep Room / Science Storage					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Paper Towel Dispenser	13	Contractor installed	1		
Task Chair	14		1		
Soap Dispenser	15	Contractor installed	1		
Notes:					
1. Provide fume hood in Chemistry Lab. Fume hood to be pass-thru to prep room. Ensure fume hood is handicap accessible. 2. Provide gas at prep room. 3. Comply with TEA regulations for room exhaust. 4. Provide glass doors at upper cabinets. 5. Sinks to be tied to acid dilution waste piping and tank. Refer to Technical Design Guidelines. 6. Provide separate chemical storage room. Room to comply with TEA regulations for room exhaust.					

Digital STEM Labs

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Digital STEM Labs	3	30	1,000	3,000	

PROGRAM DETAILS

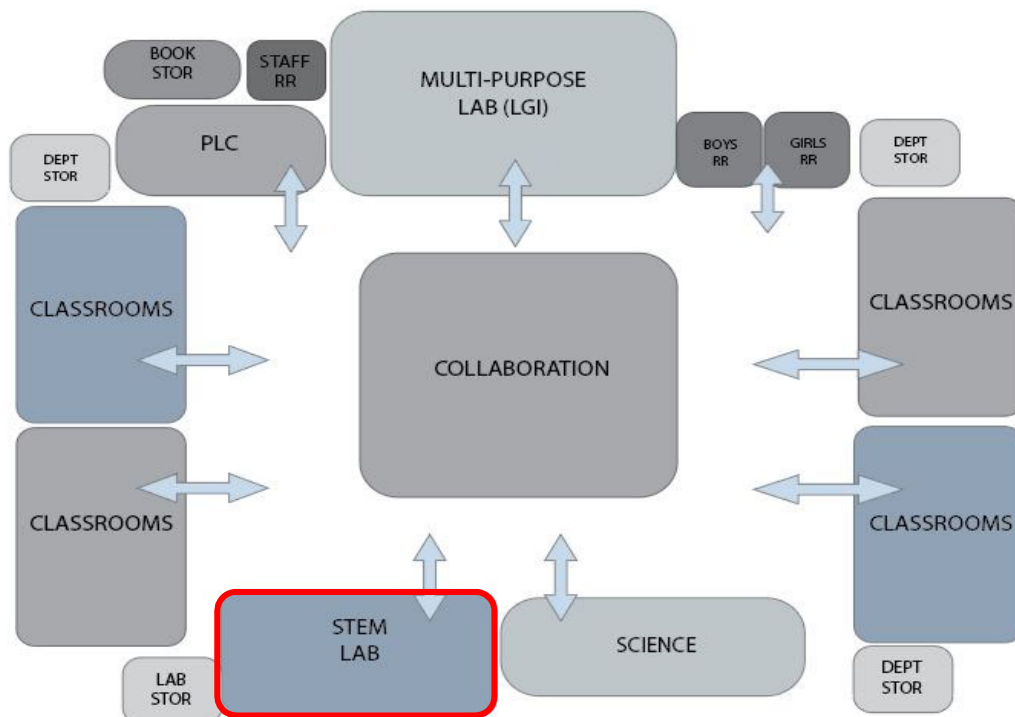
DESCRIPTION OF SPACE AND USES:

Technology and STEM interaction; hands on activities and exploration, coding and robotics.

SPATIAL RELATIONSHIP:

Locate a lab by each grade level wing.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

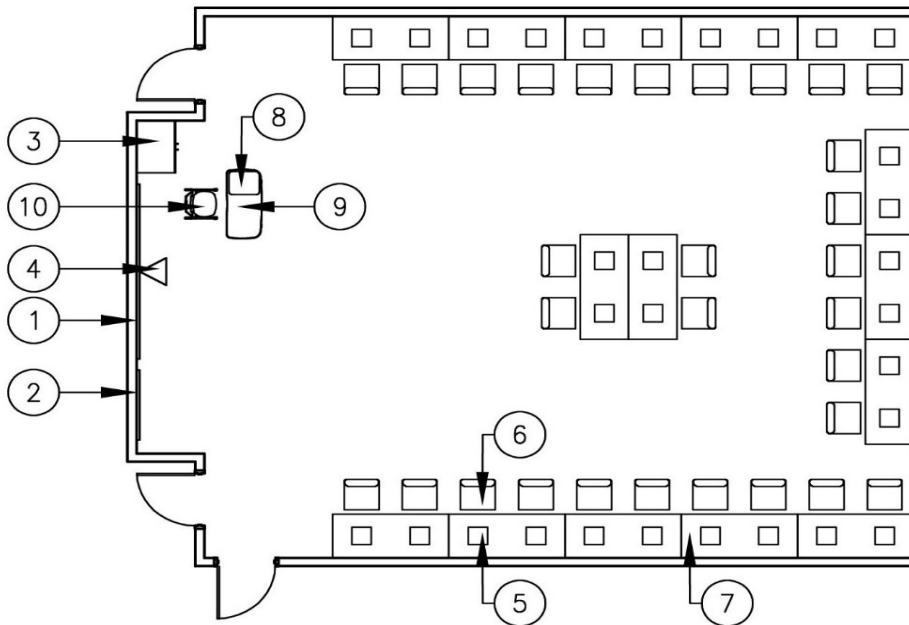
Digital STEM Labs

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

Digital STEM Labs

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1	Below projector	1	5' x 10'	
Markerboard	2		1	4' x 8'	
Teacher Wardrobe	3	Lockable	1	36" x 24" x 84"	
Instructional Display Technology	4		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Devices	5		30		
Student Chair	6		30		
Computer Desk	7	Desk for two	15		
Teacher Tool Set	8		1		
Teacher Desk	9		1		
Task Chair	10		1		

Notes:

Digital STEM Lab Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Digital STEM Lab Storage	3		80	240	

PROGRAM DETAILS

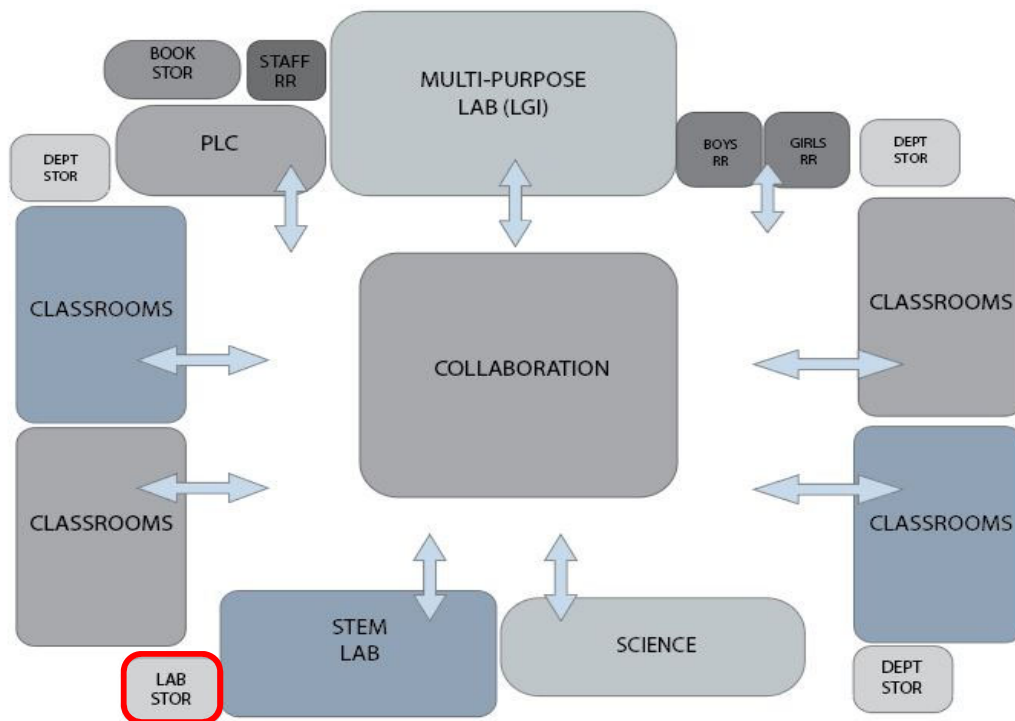
DESCRIPTION OF SPACE AND USES:

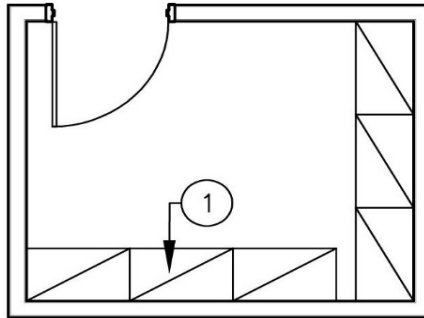
Storage of STEM materials.

SPATIAL RELATIONSHIP:

Locate next to STEM lab.

RELATIONSHIP DIAGRAM





EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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IN CONTRACT / CONTRACTOR PROVIDED

Metal Shelving	1		6	36" x 24" x 84"	

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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NOT IN CONTRACT / OWNER PROVIDED

Notes:

Multi-Purpose Lab / Large Group Instruction (LGI)

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Multi-Purpose Lab / Large Group Instruction (LGI)	3	50	1,500	4,500	

PROGRAM DETAILS

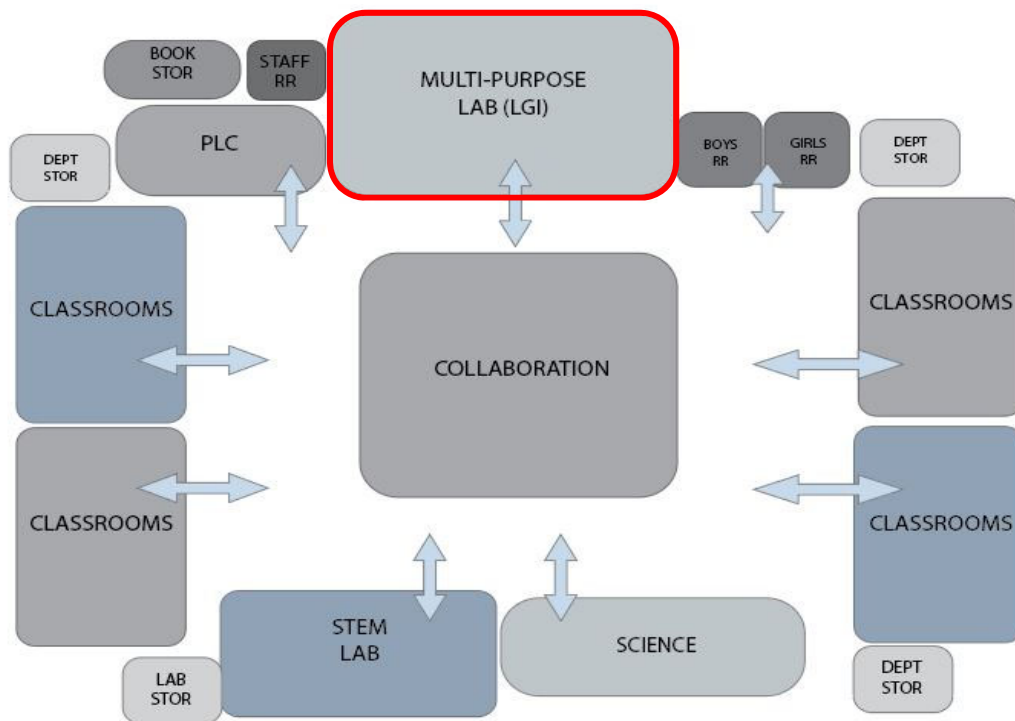
DESCRIPTION OF SPACE AND USES:

Lecture, team projects, lab, and presentations.

SPATIAL RELATIONSHIP:

Locate close to classroom areas; one per grade level.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

Classroom Library - Individual reading, student self selection

Continuous Learning- Spill over to learning commons adjacent to classroom

Multi-Purpose Lab / Large Group Instruction (LGI)

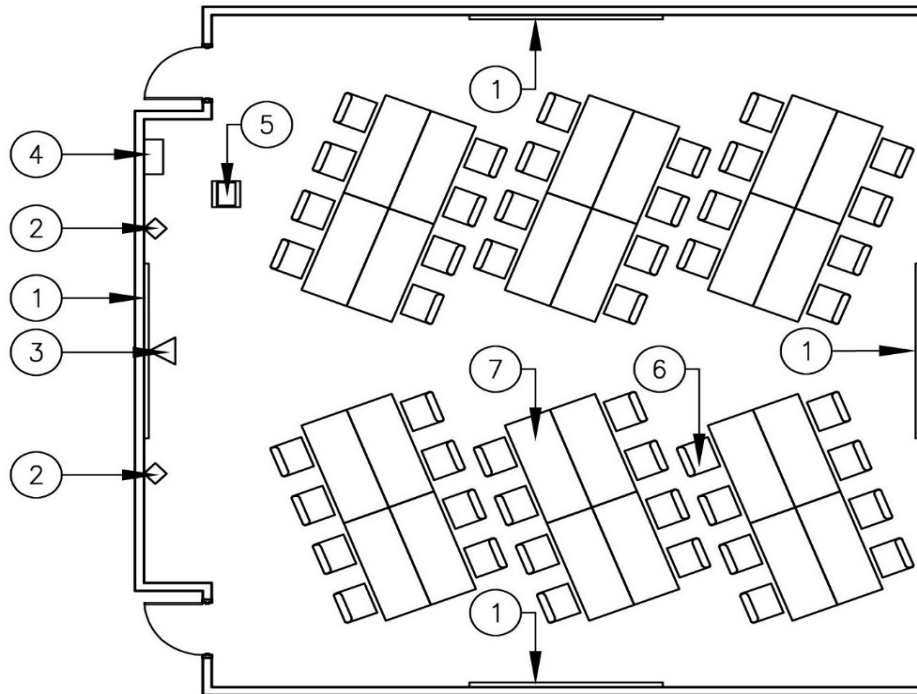
Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

Multi-Purpose Lab / Large Group Instruction (LGI)

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		4	5' x 10'	
Speakers	2		2		
Instructional Display Technology	3		1		
Teacher Display Plate (TDP)	4		1		
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Podium	5	Moveable	1		
Student Chair	6		48		
Table	7		24	2'-6" x 6'-0"	

Notes:

1. Power in this room is critical for flexibility and maximum room use. Multiple floor outlets are needed at center of room.

ISS Classroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
ISS Classroom	2	22	800	1,600	

PROGRAM DETAILS

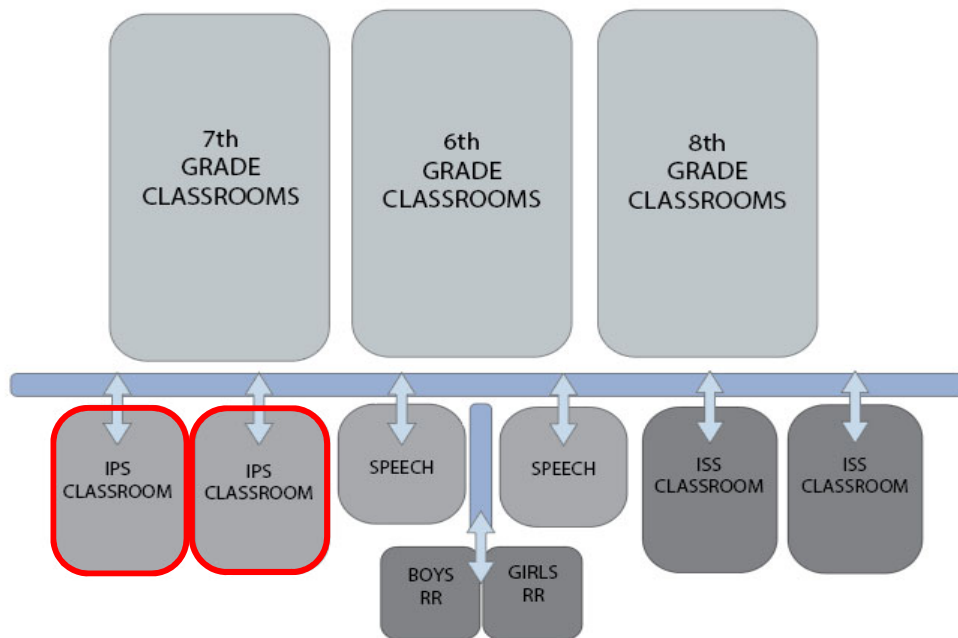
DESCRIPTION OF SPACE AND USES:

In School Suspension; quiet study

SPATIAL RELATIONSHIP:

Locate close to commons and student restrooms.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

ISS Classroom

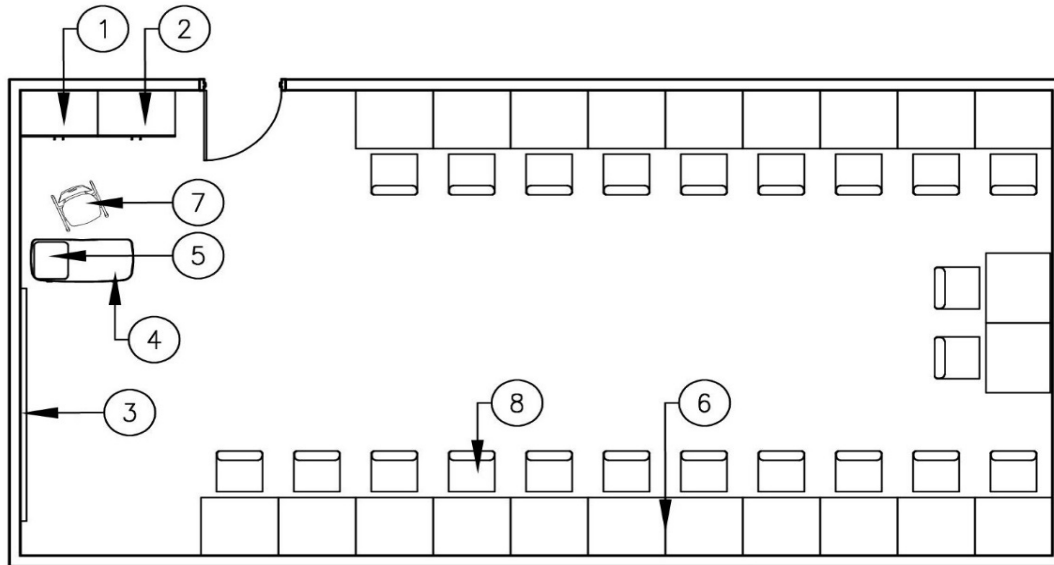
OTHER ACTIVITIES:

Classroom Library - Individual reading, student self selection

Blended Learning- Engaging, active learning through technology

ISS Classroom

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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IN CONTRACT / CONTRACTOR PROVIDED

Teacher Wardrobe	1	Lockable	1	36" x 24" x 84"	
Tall Shelving Unit	2	Lockable	3	36" x 24" x 84"	
Markerboard	3		1	5' x 10'	

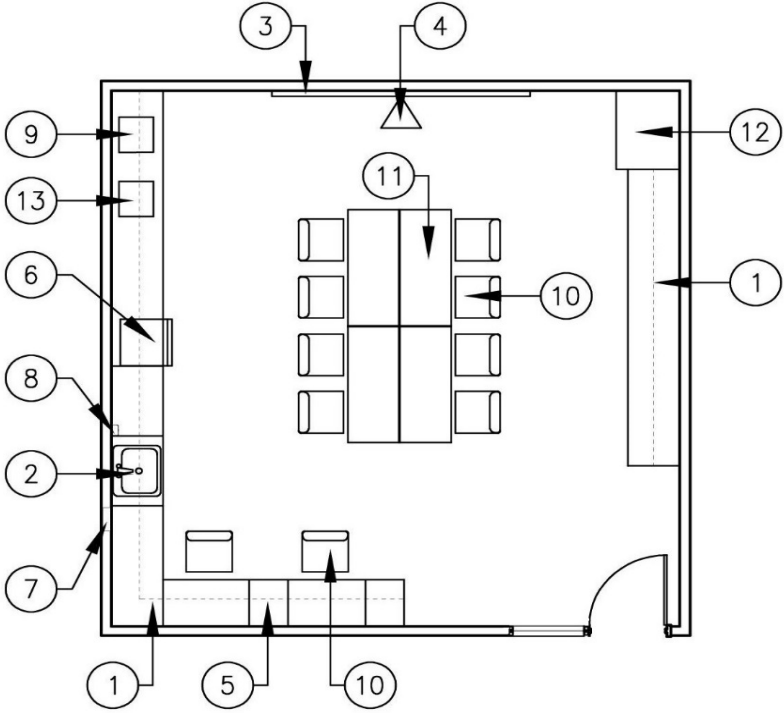
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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NOT IN CONTRACT / OWNER PROVIDED

Teacher Desk	4		1		
Office Tool Set	5		1		
Student Carrels	6		22		
Task Chair	7		1		
Student Chair	8		22		

Notes:

PLC - Professional Learning Community/Teacher Workroom					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
PLC - Professional Learning Community/Teacher Workroom	3		500	1,500	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Teacher team meetings, classroom planning and preparation, conference area for small group, storage of teacher supplies and telephone conferences.					
SPATIAL RELATIONSHIP: In close proximity to each grade level classroom cluster and/or corridor and adjacent to teacher/staff toilet and corridor.					
RELATIONSHIP DIAGRAM					
<pre> graph TD PLC[PLC] <--> MP_Lab[MULTI-PURPOSE LAB (LGI)] PLC <--> Collab[COLLABORATION] PLC <--> STEM_Lab[STEM LAB] PLC <--> C1[CLASSROOMS] PLC <--> C2[CLASSROOMS] PLC <--> C3[CLASSROOMS] PLC <--> C4[CLASSROOMS] PLC <--> Science[SCIENCE] MP_Lab <--> Collab Collab <--> STEM_Lab STEM_Lab <--> Science C1 <--> C2 C3 <--> C4 Book_Stor[BOOK STOR] --- MP_Lab Staff_RR[STAFF RR] --- MP_Lab Boys_RR[BOYS RR] --- Collab Girls_RR[GIRLS RR] --- Collab Dept_Stor1[DEPT STOR] --- MP_Lab Dept_Stor2[DEPT STOR] --- Collab Lab_Stor[LAB STOR] --- STEM_Lab Dept_Stor3[DEPT STOR] --- Science </pre>					
LEARNING FRAMEWORK					
LEARNING ACTIVITIES: Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.					

PLC - Professional Learning Community/Teacher Workroom					
OTHER ACTIVITIES:					
Classroom Library - Individual reading, student self selection					
Continuous Learning- Spill over to learning commons adjacent to classroom					
Blended Learning- Engaging, active learning through technology					
Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.					
PLC - Professional Learning Community/Teacher Workroom					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1				
Sink	2		1		
Markerboard	3		1	5' x 10'	
Projection Device	4		1		
Vertical File Cabinet Drawers	5		2		

PLC - Professional Learning Community/Teacher Workroom					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Refrigerator	6	Under cabinet	1		
Paper Towel Dispenser	7	Contractor installed	1		
Soap Dispenser	8	Contractor installed	1		
Printer	9		1		
Chairs	10		10		
Flip Table	11	Flip/nest tables	4	18" x 5' x 3'	
Flat File Storage	12		1	36" x 42"	
Misc. Tool Set	13		1		
Notes:					
1. Window to hallway for supervision.					

Speech

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Speech	2		400	800	

PROGRAM DETAILS

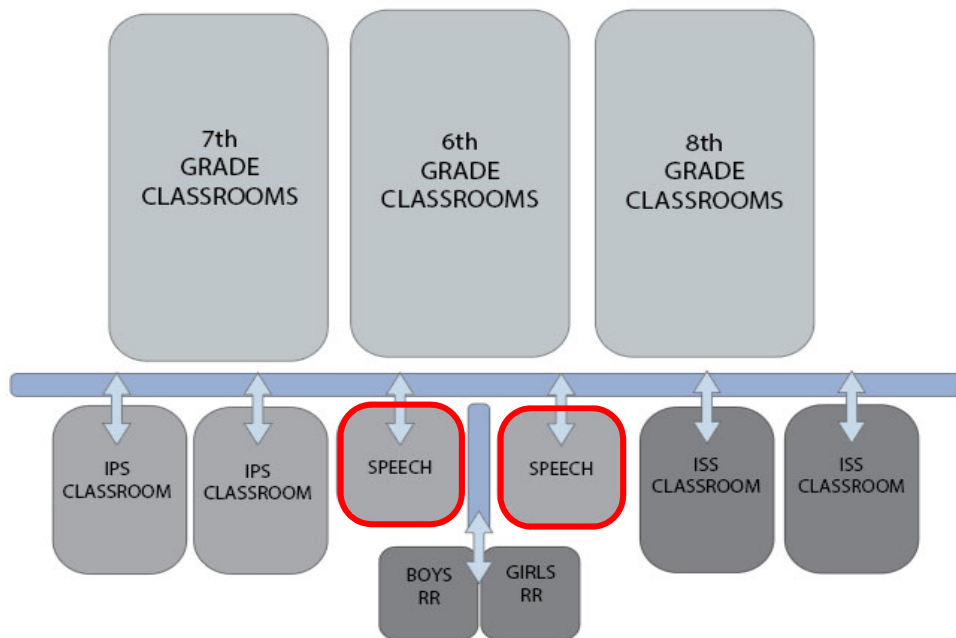
DESCRIPTION OF SPACE AND USES:

Speech Instruction and Practice

SPATIAL RELATIONSHIP:

Locate close to Classroom Area adjacent to each other and in close proximity to other special classrooms.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

Speech

OTHER ACTIVITIES:

Classroom Library - Individual reading, student self selection

Continuous Learning- Spill over to learning commons adjacent to classroom

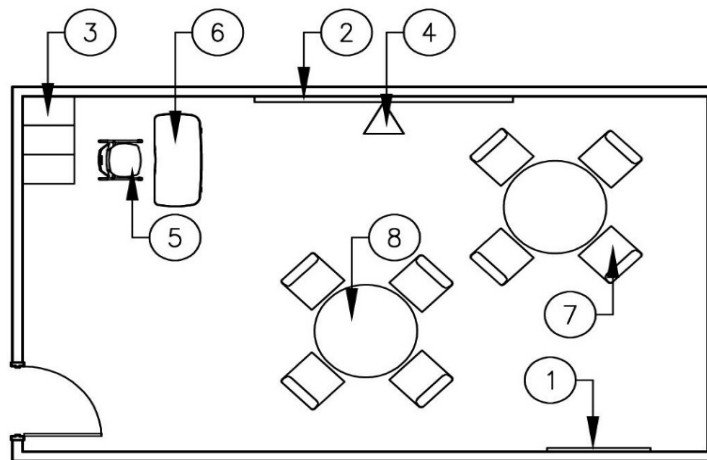
Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

Speech

LAYOUT

**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		1	3' x 5'	
Markerboard	2		1	5' x 10'	
Vertical File Cabinet	3		3		
Instructional Display Technology	4		1		
NOT IN CONTRACT / OWNER PROVIDED					
Task Chair	5		1		
Teacher Desk	6		1		
Chair	7		8		
Table	8	Round	2		

Notes:

Book Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Book Storage	3		400	1,200	

PROGRAM DETAILS

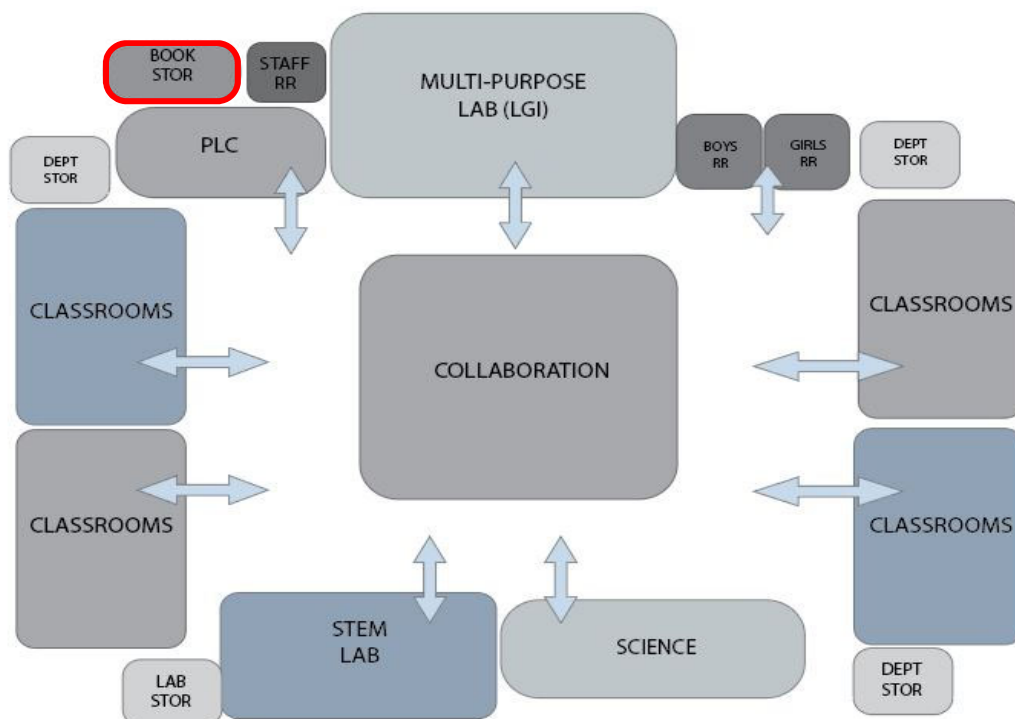
DESCRIPTION OF SPACE AND USES:

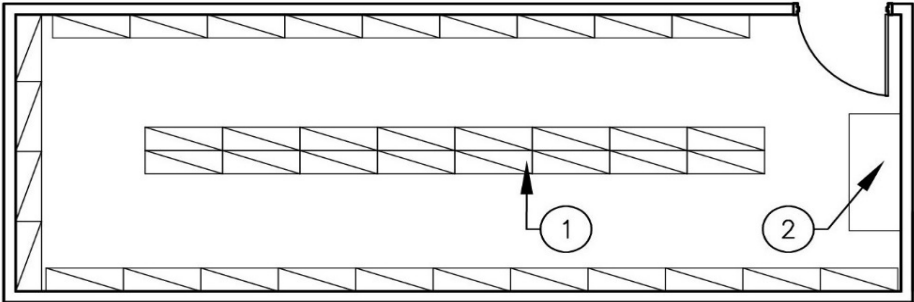
Storage of books by grade level.

SPATIAL RELATIONSHIP:

Locate by entrance to grade level areas.

RELATIONSHIP DIAGRAM



Book Storage					
Book Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line walls		36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Table	2		1		
Notes:					

Collaboration Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Collaboration Area	3		1,400	4,200	One per grade level cluster.

PROGRAM DETAILS

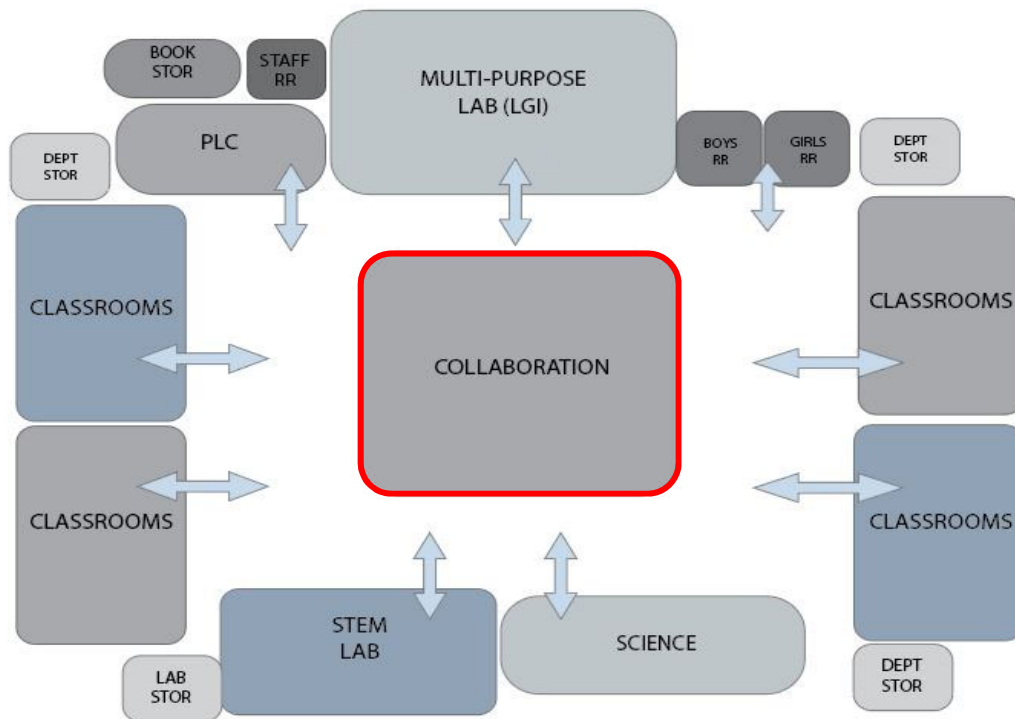
DESCRIPTION OF SPACE AND USES:

Flexible space that extends and enhances instructional spaces. This space is an active environment with enhanced technology, movable collaborative furniture and plenty of display and writable surfaces. Provide quiet areas within space.

SPATIAL RELATIONSHIP:

Directly adjacent to each grade level classroom cluster, within close proximity of restroom and water fountains. Collaboration areas can be split into two areas with classrooms on sides and in between or one larger space surrounded by classrooms.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

Collaboration Area

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Makerspace - Hands on activities that elicit creativity and exploration from students.

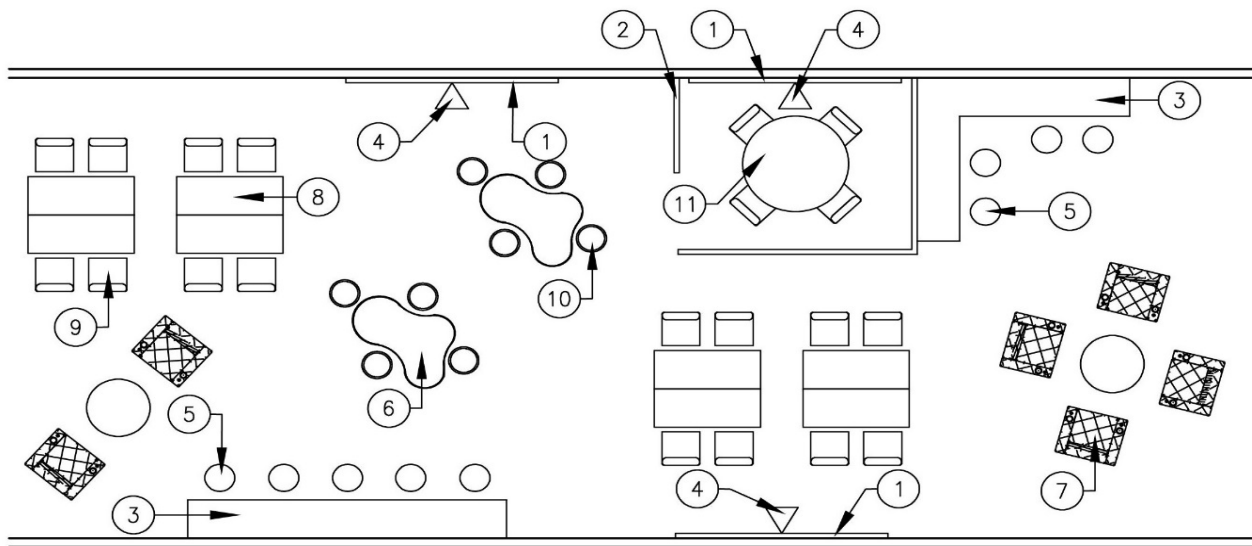
Project Based Learning - Team activities working towards a specific project goal or outcome.

Reflection - Quiet individual work or reflection.

Holding area for students as they go to other activities or dismissal.

Collaboration Area

LAYOUT

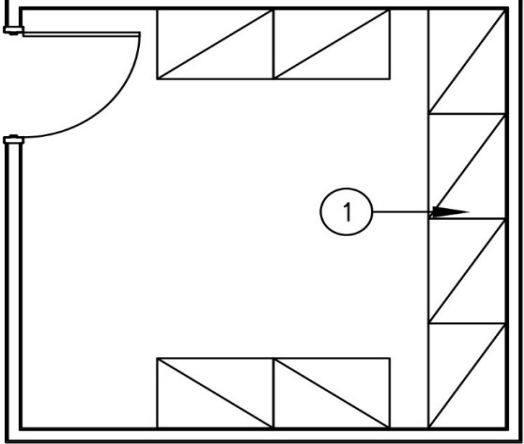


EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		2	5' x 10'	
Screen	2	Create acoustically enclosed space with opening.	4		
Counter	3		2	36" tall	
Instructional Display Technology	4		1		

					Collaboration Area
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Stools	5		9		
Amoeba Table	6		2		
Soft Seating	7	Lounge chair	4		
Student Table	8		8		
Student Chair	9		20		
Wobble Stool	10		8		
Table	11	Round	1		
Notes:					
1. Provide plenty of electrical outlets above counter for charging.					
2. Power in this room is critical for flexibility and maximum room use. Multiple floor outlets are needed at center of room.					

Department Storage					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Department Storage	9		150	1,350	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Storage of supplies.					
SPATIAL RELATIONSHIP: Located throughout the campus to provide storage for surrounding classrooms.					
RELATIONSHIP DIAGRAM					

Department Storage					
Department Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line walls	8	36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Student Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Student Restrooms	6		250	1,500	One set for girls, one for boys per grade level

PROGRAM DETAILS

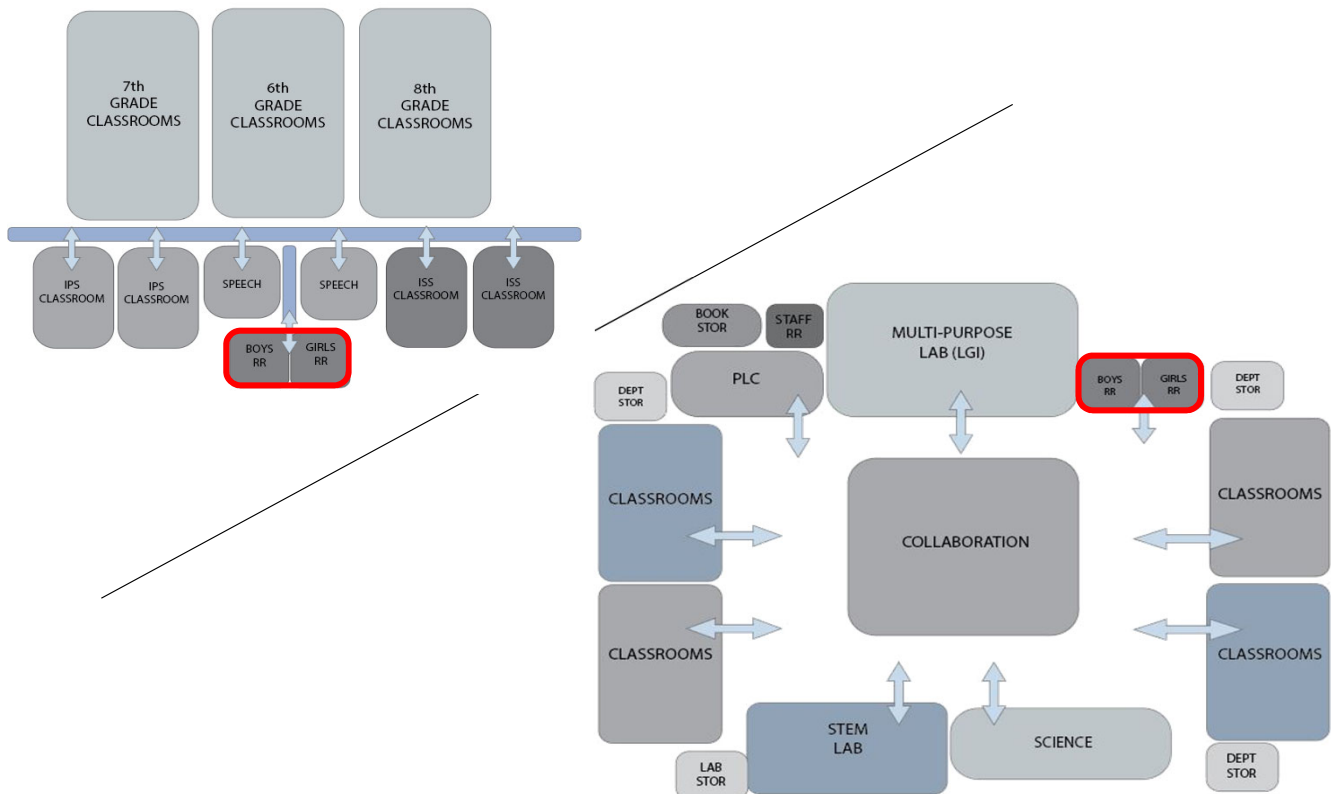
DESCRIPTION OF SPACE AND USES:

Student Restrooms

SPATIAL RELATIONSHIP:

One set (boys/girls) located close to classrooms and commons area per grade level

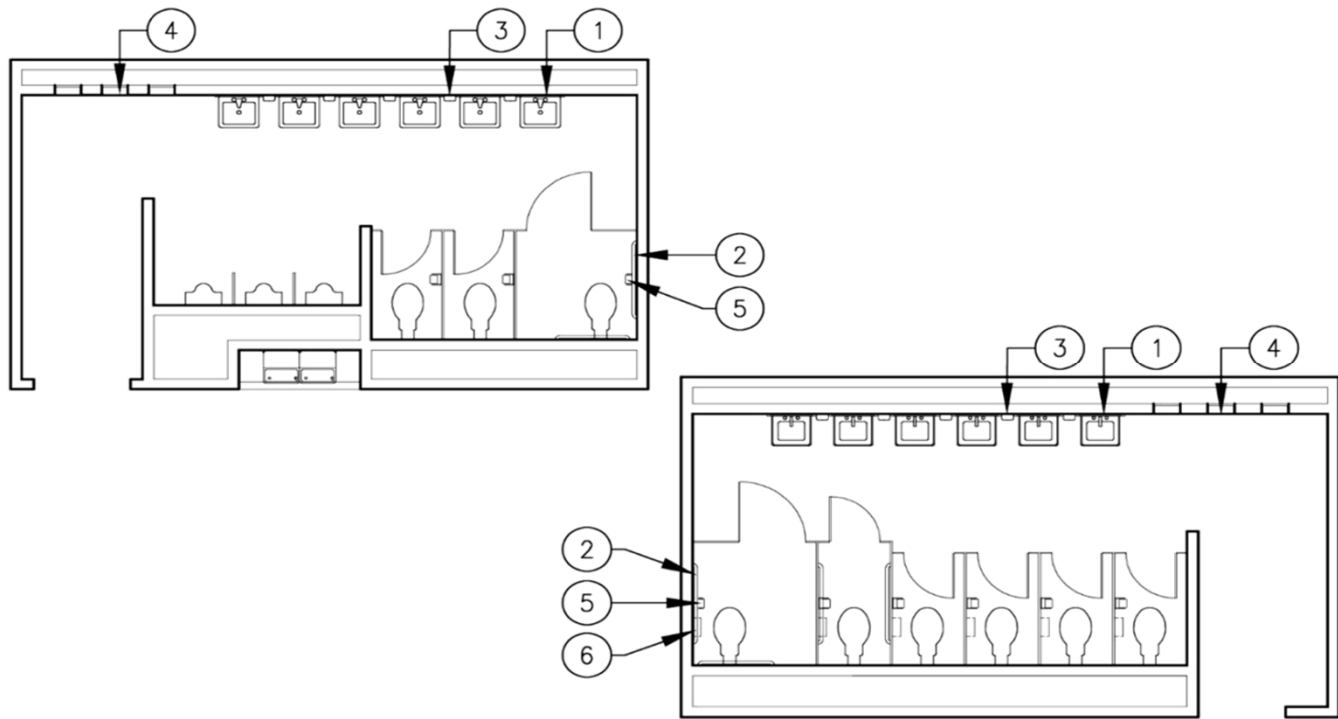
RELATIONSHIP DIAGRAM



Student Restrooms

Student Restrooms

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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IN CONTRACT / CONTRACTOR PROVIDED

Mirror	1		1		
Grab Bars	2		2		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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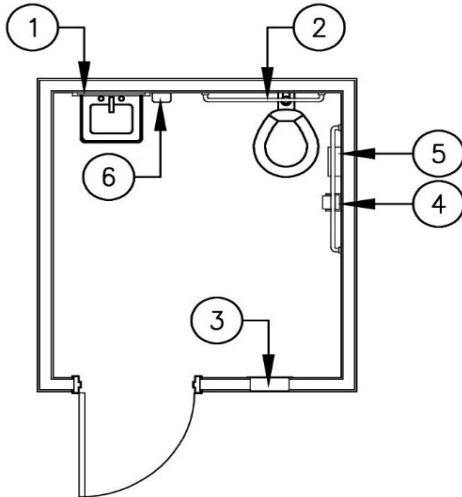
NOT IN CONTRACT / OWNER PROVIDED

Soap Dispenser	3	Contractor installed	5		
Paper Towel Dispenser	4	Contractor installed	3		
Toilet Paper Dispenser	5	Contractor installed	3		
Feminine Napkins Disposal (Girls Only)	6	Contractor installed	6		

Notes:

1. Two stalls (minimum) per restroom.

Staff Restroom					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Staff Restroom	3		60	180	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Restroom for use by Staff.					
SPATIAL RELATIONSHIP: Located within each grade level area in close proximity to the PLC space.					
RELATIONSHIP DIAGRAM					
<pre> graph TD BOOK_STOR[BOOK STOR] --- PLC[PLC] STAFF_RR[STAFF RR] --- PLC PLC --- MULTI_PURPOSE_LAB[MULTI-PURPOSE LAB (LGI)] MULTI_PURPOSE_LAB --- BOYS_RR[BOYS RR] MULTI_PURPOSE_LAB --- GIRLS_RR[GIRLS RR] BOYS_RR --- DEPT_STOR_1[DEPT STOR] GIRLS_RR --- DEPT_STOR_2[DEPT STOR] DEPT_STOR_1 --- CLASSROOMS_1[CLASSROOMS] DEPT_STOR_2 --- CLASSROOMS_2[CLASSROOMS] CLASSROOMS_1 --- CLASSROOMS_3[CLASSROOMS] CLASSROOMS_2 --- CLASSROOMS_4[CLASSROOMS] CLASSROOMS_3 --- COLLABORATION[COLLABORATION] CLASSROOMS_4 --- COLLABORATION COLLABORATION --- STEM_LAB[STEM LAB] COLLABORATION --- SCIENCE[SCIENCE] STEM_LAB --- LAB_STOR[LAB STOR] STEM_LAB --- SCIENCE LAB_STOR --- DEPT_STOR_3[DEPT STOR] DEPT_STOR_3 --- CLASSROOMS_5[CLASSROOMS] CLASSROOMS_5 --- COLLABORATION </pre>					

Staff Restroom		Staff Restroom			
		LAYOUT			
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		1		
Grab Bars	2		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Paper Towel Dispenser	3	Contractor installed	1		
Toilet Paper Dispenser	4	Contractor installed	1		
Feminine Napkin Disposal	5	Contractor installed	5		
Soap Dispenser	6	Contractor installed	8		
Notes:					
1. If located off public corridor, provide locks that can be used as privacy locks, or reconfigured for key access and automatic locking after each use.					

Instructional Pull-Out Space (IPS)

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Instructional Pull-Out Space (IPS)	6	12	600	3,600	Classroom to be flexible for varied use by campus.

PROGRAM DETAILS

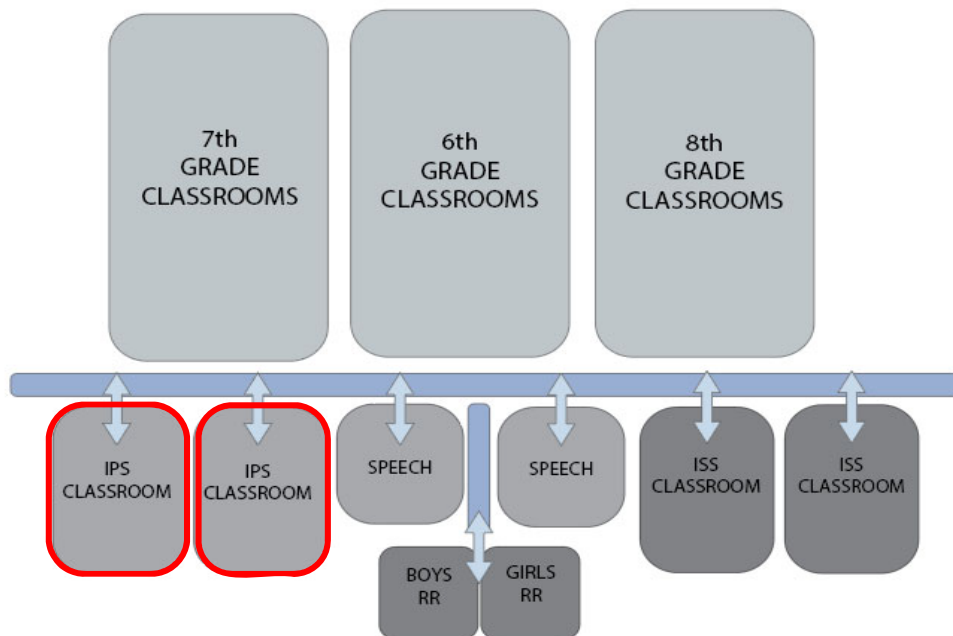
DESCRIPTION OF SPACE AND USES:

Lecture, demonstration, computer learning, small group instruction and written exercises.

SPATIAL RELATIONSHIP:

IPS rooms should be centrally located within or adjacent to classroom grade clusters. Depending on location within building, consider window to either outside or corridor.

RELATIONSHIP DIAGRAM



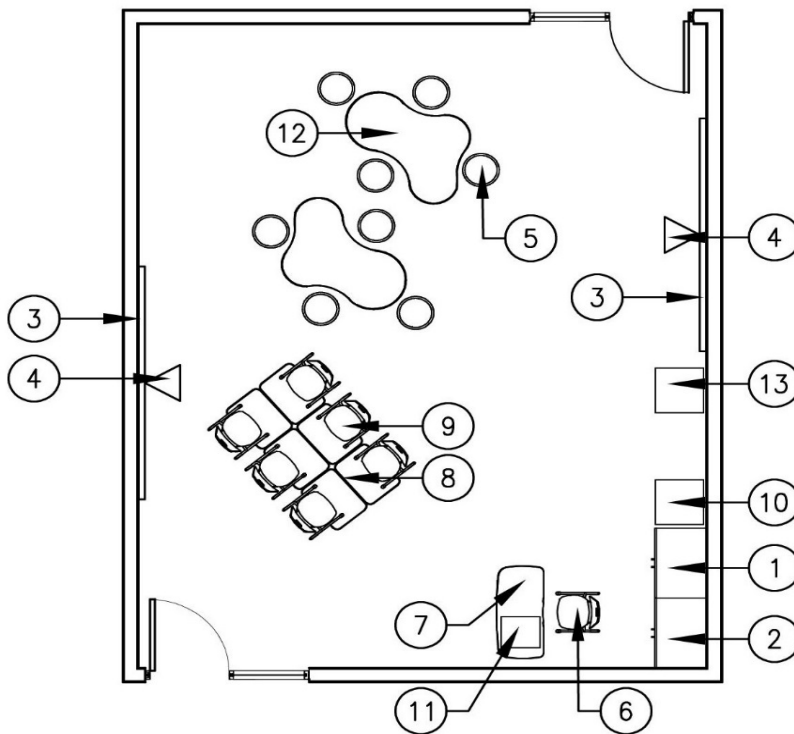
LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

Project Based Learning - Team activities working towards a specific project goal or outcome.

LAYOUT



IN CONTRACT / CONTRACTOR PROVIDED

Tall Shelving Unit	1	Lockable	1	36" x 24" x 84"	
Teacher Wardrobe	2		1	36" x 24" x 84"	
Markerboard	3	One below projection device	2	5' x 10'	
Instructional Display Technology	4		2		

Instructional Pull-Out Space (IPS)					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Stools	5		8		
Task Chair	6		1		
Teacher Desk	7		1		
Student Desk	8		6		
Student Chair	9		6		
Tote Tray Cabinet	10		1		
Office Tool Set	11		1		
Amoeba Table	12		2		
Student Devices Cart	13		1		
Notes:					

Specialized Classrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Specialized Classrooms	3		2 @ 1,000 1 @ 750	2,750	Electrical to be tied to emergency generator for life support equipment.

PROGRAM DETAILS

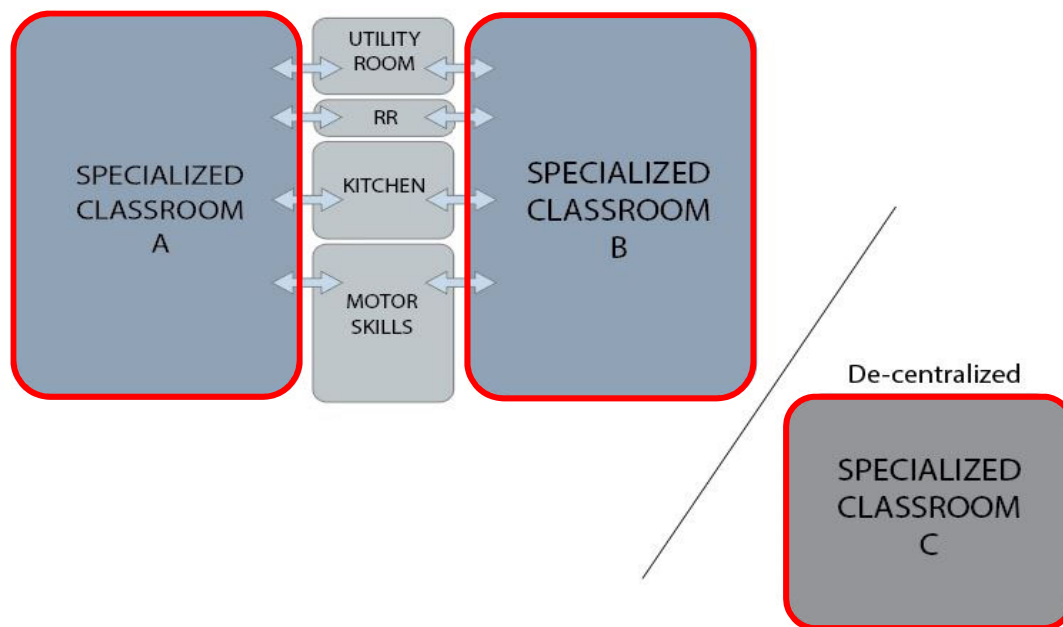
DESCRIPTION OF SPACE AND USES:

Specialized learning and instruction classrooms where life/coping skills and basic academics are taught. Classrooms A and B to be connected to each other via special rooms (utility, kitchen, etc.) while Classroom C is decentralized in the campus (can be located on 2nd floor).

SPATIAL RELATIONSHIP:

Specialized Classrooms should be located within close proximity to each other and close to all other general classrooms.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

Specialized Classrooms

OTHER ACTIVITIES:

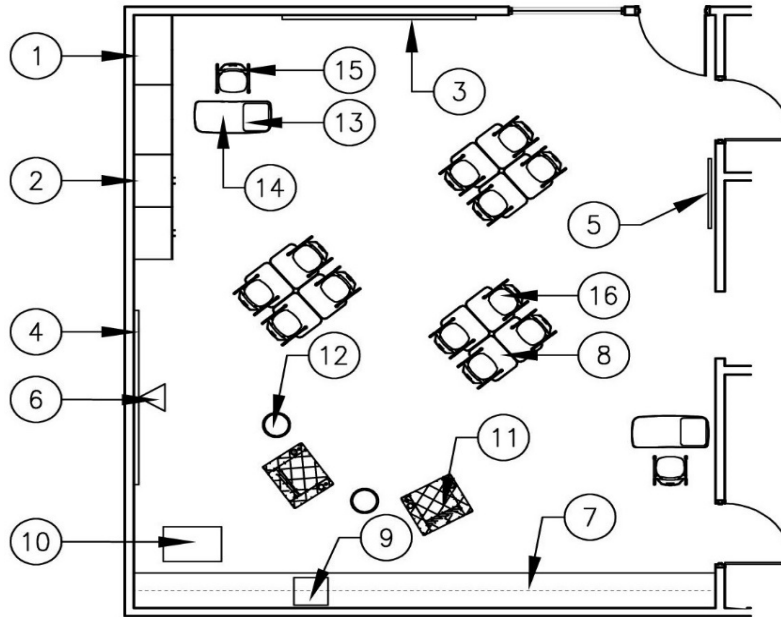
Small Group Interaction - Pullout spaces for interaction with teachers or other students.

Group Reading - Whole class story time.

Blended Learning- Engaging, active learning through technology

Specialized Classrooms

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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IN CONTRACT / CONTRACTOR PROVIDED

Tall Shelving	1		2	36" x 24" x 84"	
Teacher Wardrobe	2		2	36" x 24" x 84"	
Markerboard	3		1	5' x 4'	
Markerboard	4		1	5' x 10'	
Markerboard	5		1	5' x 3'	
Instructional Display Technology	6		1		
Upper and Lower Cabinets	7	Line one wall			

Specialized Classrooms					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Desk	8		12		
Printer	9		1		
Nurse Cart	10	Classroom A only	1		
Soft Seating	11		2		
Wobbly Stools	12		2		
Teacher Tool Set	13		2		
Teacher Desk	14		2		
Task Chair	15		2		
Student Chair	16		12		
Notes:					

Utility Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Utility Room	1	N/A	250	250	Provide power/water for washer & dryer within space.

PROGRAM DETAILS

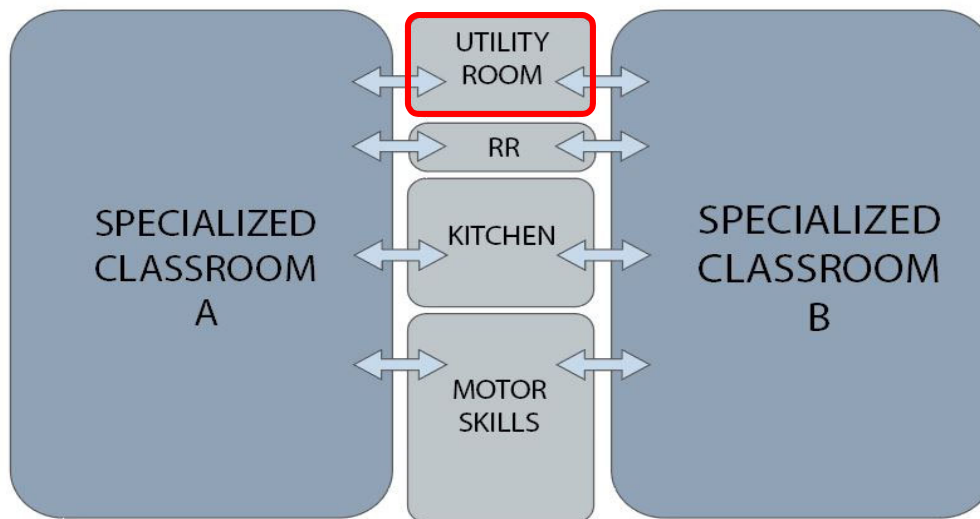
DESCRIPTION OF SPACE AND USES:

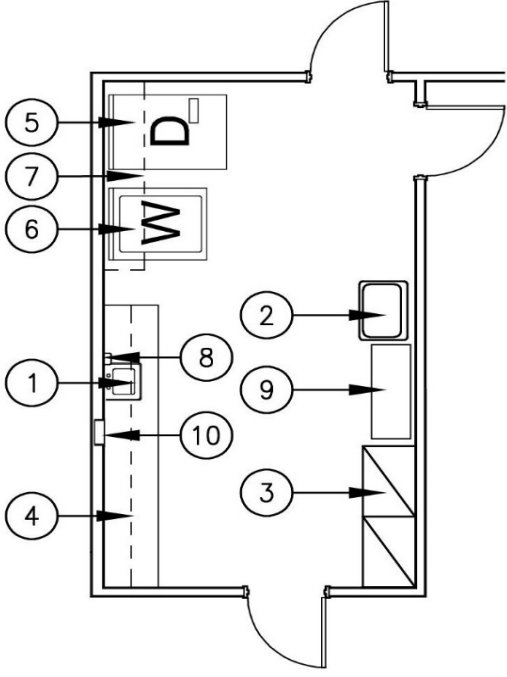
Cleaning and changing of clothes for students with disabilities.

SPATIAL RELATIONSHIP:

Direct access from Specialized Classrooms A and B, with direct access to restroom.

RELATIONSHIP DIAGRAM



Utility Room					
Utility Room					Utility Room LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Sink	1		1		
Deep Sink	2		1		
Metal Shelving	3		2	36" x 24" x 84"	
Upper and Lower Cabinets	4				
Residential Dryer	5		1		
Residential Washer	6		1		
Shelf	7	Above washer/dryer	1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	8	Contractor installed	1		
Folding Table	9		1	18" x 4'	
Paper Towel Dispenser	10	Contractor installed	1		
Notes:					

Kitchenette

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Kitchenette	1	N/A	250	250	Provide power/water to appliances

PROGRAM DETAILS

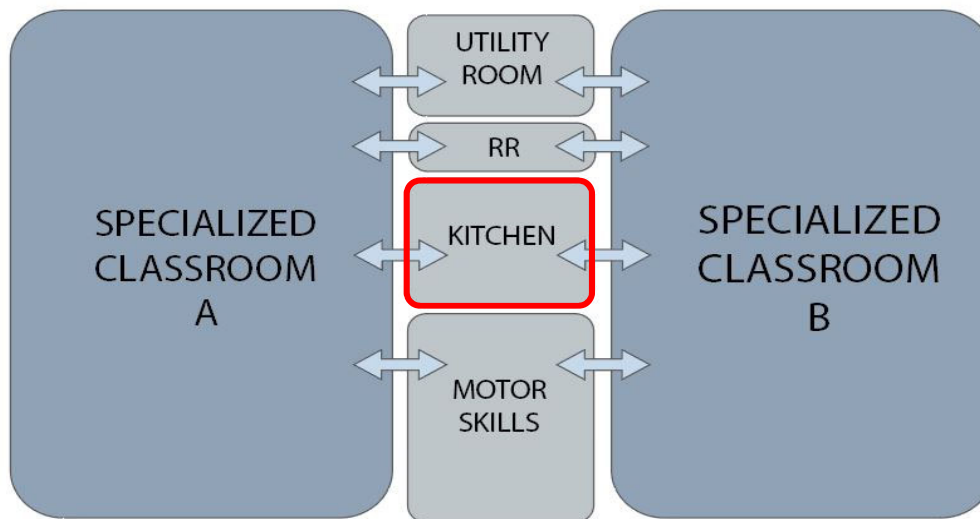
DESCRIPTION OF SPACE AND USES:

Kitchenette space for Specialized Classrooms for food preparation and instruction.

SPATIAL RELATIONSHIP:

Direct access from Specialized Classrooms for food preparation and instruction.

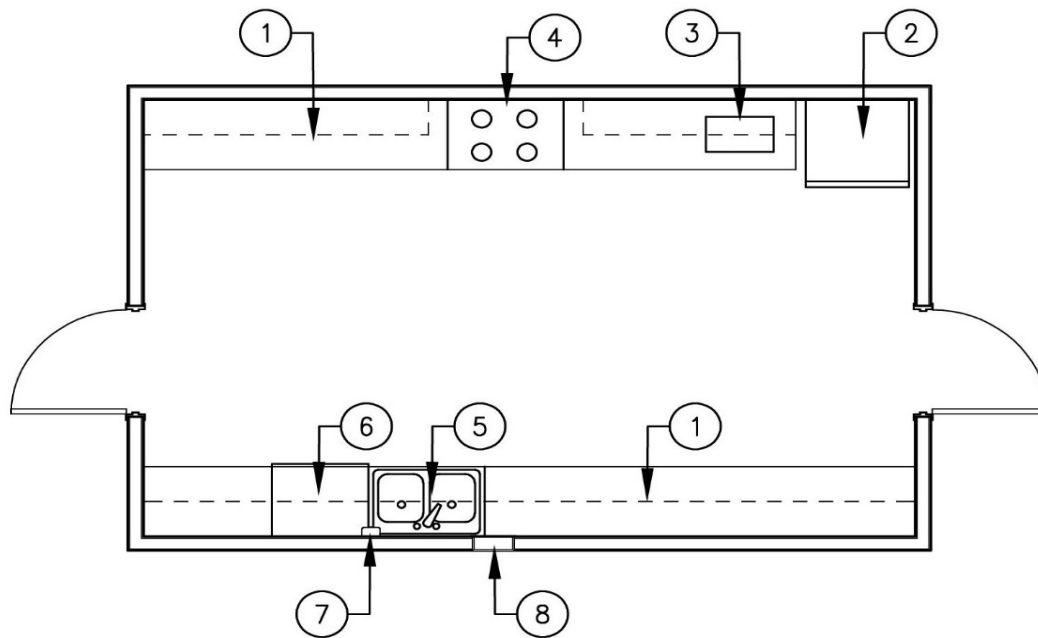
RELATIONSHIP DIAGRAM



Kitchenette

Kitchenette

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1				
Refrigerator	2	With ice maker	1		
Microwave	3		1		
Stove with Vent Hood	4		1		
Double Compartment Sink	5	Garbage disposal	1		
Dishwasher	6		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	7	Contractor installed	1		
Paper Towel Dispenser	8	Contractor installed	1		

Notes:

OT/PT/Motor Lab

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
OT/PT/Motor Lab	1		450	450	Electrical to be tied to emergency generator for life support equipment.

PROGRAM DETAILS

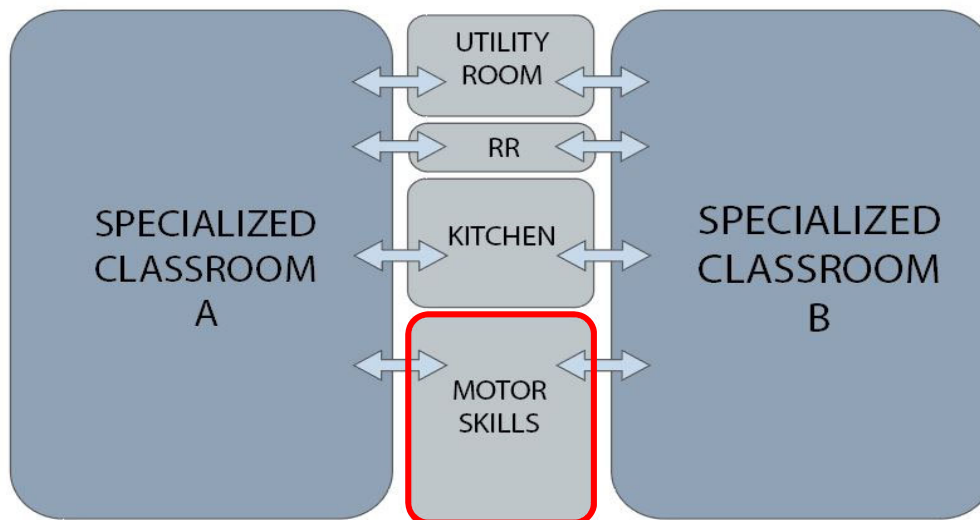
DESCRIPTION OF SPACE AND USES:

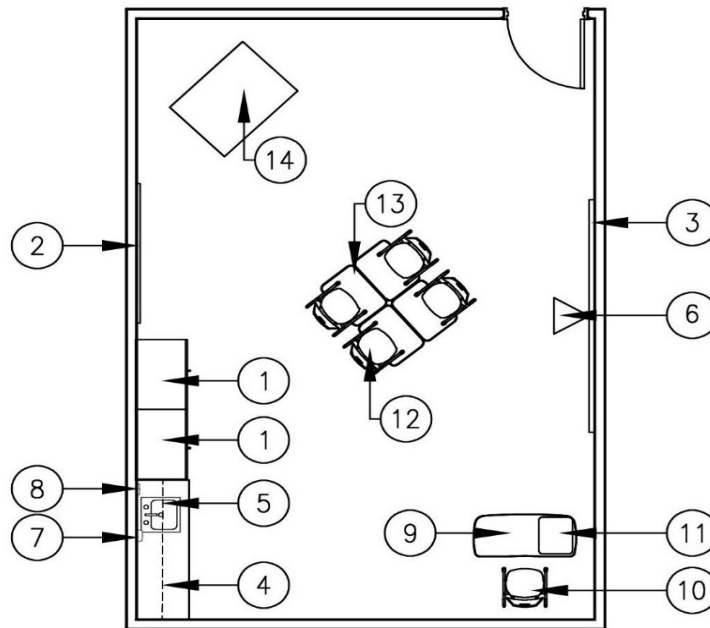
Occupational and physical therapy and motor skills lab space for development activities and de-escalation space.

SPATIAL RELATIONSHIP:

Adjacent to Specialized Classrooms A & B.

RELATIONSHIP DIAGRAM



**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Tall Shelving Unit	1	Lockable	2	36" x 24" x 84"	
Mirror	2	For student use	1	6' x 10'	
Markerboard	3	Mount at low height	1	5' x 10'	
Upper and Lower Cabinets	4		2		
Sink	5		1		
Instructional Display	6		1		
NOT IN CONTRACT / OWNER PROVIDED					
Paper Towel Dispenser	7	Contractor installed	1		
Soap Dispenser	8	Contractor installed	1		
Teacher Desk	9		1		
Task Chair	10		1		
Office Tool Set	11		1		
Student Chair	12		4		
Student Desk	13		4		
Swing	14		1		

Notes:

Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Restrooms	1	N/A	290	290	

PROGRAM DETAILS

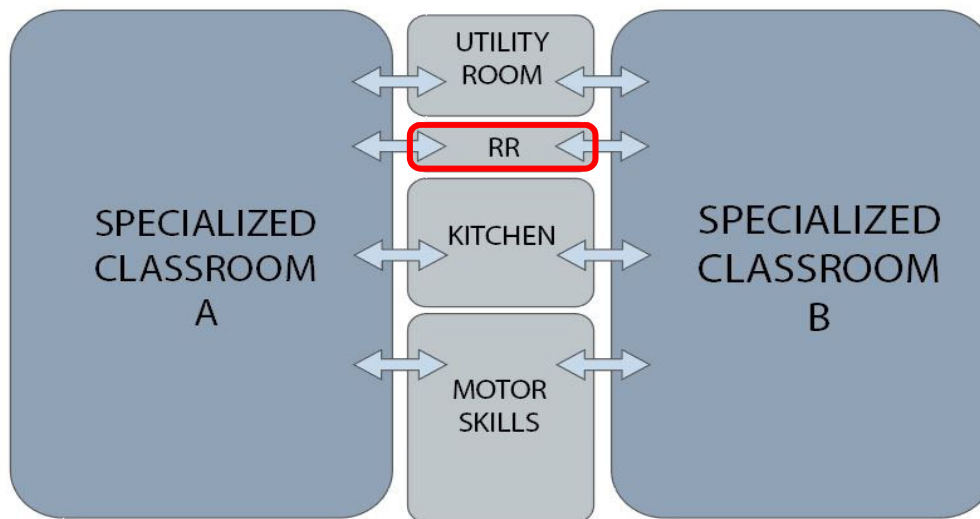
DESCRIPTION OF SPACE AND USES:

Restrooms for special education students with shower.

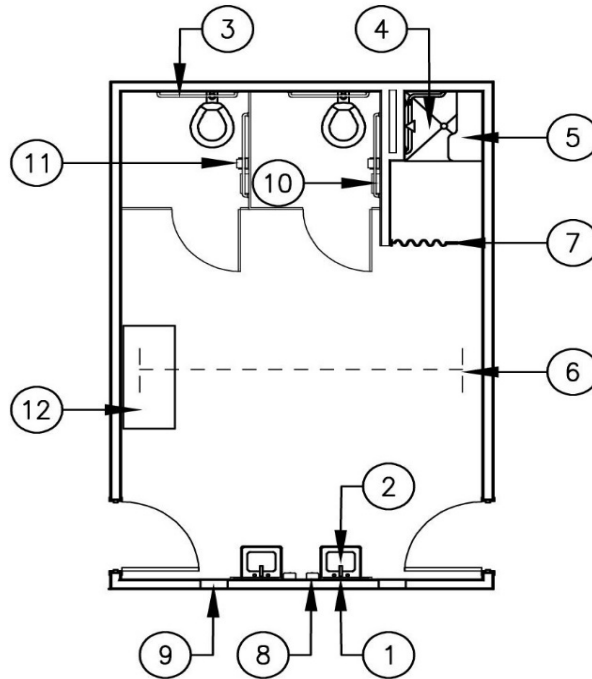
SPATIAL RELATIONSHIP:

Adjacent to Specialized Classrooms A and B.

RELATIONSHIP DIAGRAM



	Restrooms
Restrooms	LAYOUT

**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		1		
Sink	2		2		
Grab Bars	3		4		
Shower	4	Handicap Accessible	1		
In-Shower Bench	5	Handicap Accessible	1		
HC Lift & Support	6	Attach to structure	1		
Shower Curtain	7		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	8	Contractor installed	2		
Paper Towel Dispenser	9	Contractor installed	2		
Feminine Napkin Disposal	10	Contractor installed	2		
Toilet Paper Dispenser	11	Contractor installed	2		
Changing Table	12	Contractor installed	1		

Notes:



ATHLETICS AND PHYSICAL EDUCATION



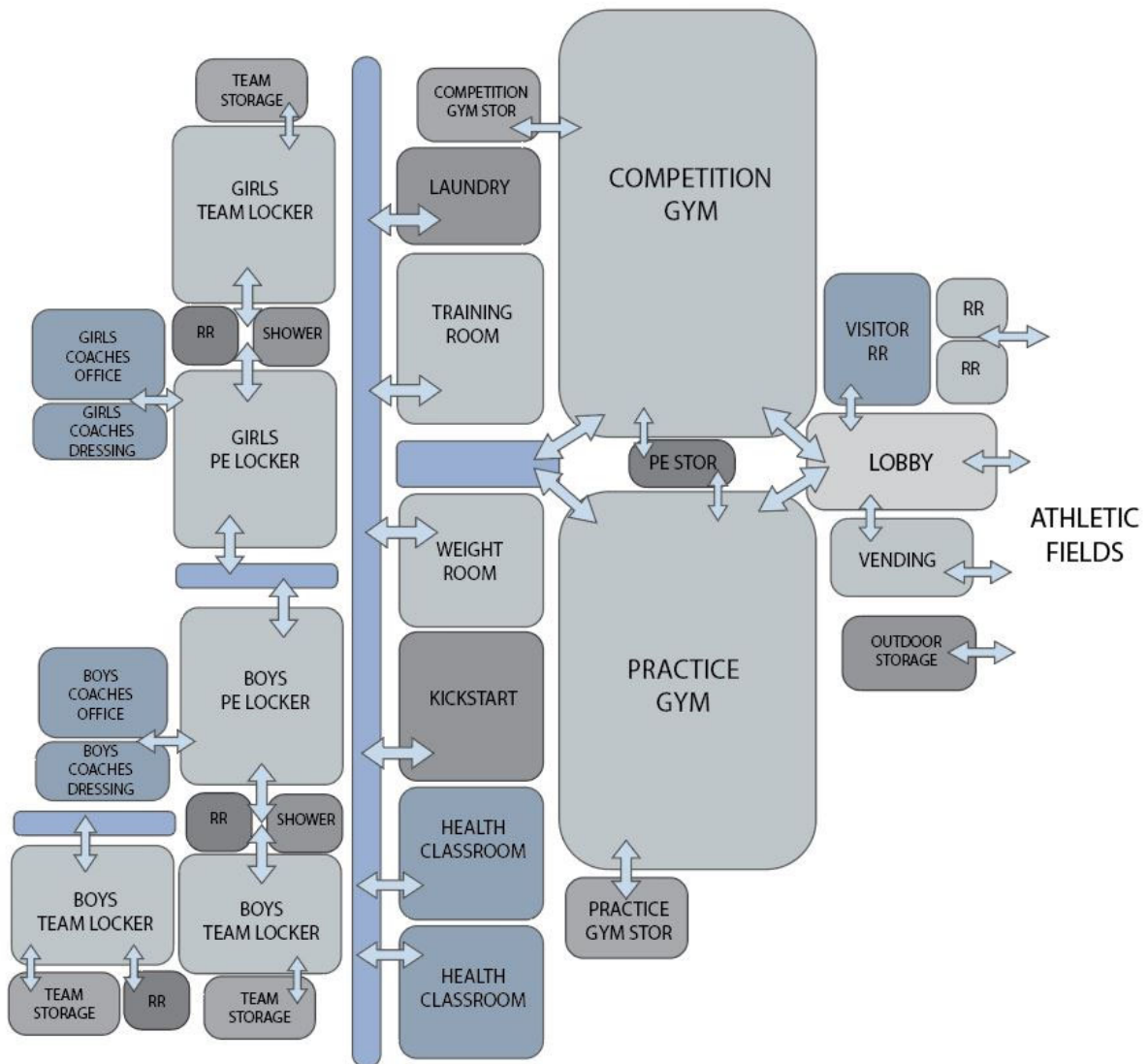
1. PROGRAM DESCRIPTION

The gymnasium and athletic spaces of the school are to provide an indoor facility for Competition and Practice of indoor sports, Physical Education and indoor instructional programs. Both gymnasium is also used for large group instruction, and is used by students and the community after school hours.

The gymnasium and athletic locker rooms/dressing should be located adjacent to one another with direct access from the outside. These spaces should be located close to the school's athletic fields as well as a large parking area for use during games/events.



2. SPATIAL RELATIONSHIPS & ADJACENCIES



ATHLETICS / PHYSICAL EDUCATION

3. PROGRAM OF SPACE

Space/Function	Qty	SF	Total SF	Notes
ATHLETICS / PHYSICAL EDUCATION				
Competition Gym	1	10,000	10,000	
Competition Gym Storage	1	330	330	
Practice Gym	1	8,300	8,300	
Practice Gym Storage	1	300	300	
Lobby	1	1,600	1,600	
PE Storage	1	150	150	
Visitor's Restroom	2	250	500	Off lobby
Laundry	1	250	250	
Training Room	1	200	200	
Weight Room	1	1,200	1,200	
Vending	1	140	140	Open to outdoors and indoors
Health Classroom	2	1,100	2,200	
Outdoor Restrooms	2	200	400	Access to/from outdoors
Kickstart Classroom	1	1,600	1,600	
PE Locker	2	1,600	3,200	(1) Boy's / (1) Girl's
Athletics				
Coaches Office	2	800	1,600	(1) Boy's / (1) Girl's
Coaches Dressing	2	200	400	(1) Boy's / (1) Girl's
Girl's Team Locker	1	1,500	1,500	
Girl's PE/Team Restroom	1	200	200	
Boy's Team Locker	2	700	1,400	
Boy's PE/Team Restroom	2	200	400	
Shower Rooms	2	200	400	(1) Boy's / (1) Girl's
Team Storage	3	600	1,800	(1) Boy's / (1) Girl's
Outdoor Storage	1	100	100	
ATHLETICS / PHYSICAL EDUCATION SUBTOTAL:			38,170	

ATHLETICS / PHYSICAL EDUCATION

4. FINISHES

	Walls			Floor			Ceiling			REMARKS
	Impact Resistant	Tile	Painted CMU	Hard Surface	Sealed Concrete	Tile	Hard Ceiling	2x2 Acoustical Lay-In	Exposed	
ATHLETICS / PHYSICAL EDUCATION										
Competition Gym			X	X					X	Wood Flooring
Competition Gym Storage			X	X					X	
Practice Gym			X	X					X	Wood Flooring
Practice Gym Storage			X	X					X	
Lobby										
Restrooms		X				X		X		
Laundry		X		X				X		Vinyl coated
Training Room			X	X				X		Vinyl coated
Weight Room			X			X		X		11' min ceiling height
Vending		X				X		X		
Health Classroom			X	X				X		
Kickstart Classroom			X	X				X		
PE Locker			X	X					X	
PE Storage			X	X					X	
Coaches Office			X	X				X		
Coaches Dressing		X				X	X			
Team Locker			X	X					X	
Shower Rooms		X				X	X			
Team Storage			X	X					X	
Team Restroom		X				X		X		
Outdoor Storage			X		X				X	
Corridors	X			X				X		

Competition Gym

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Competition Gym	1	500 seats	10,000	10,000	

PROGRAM DETAILS

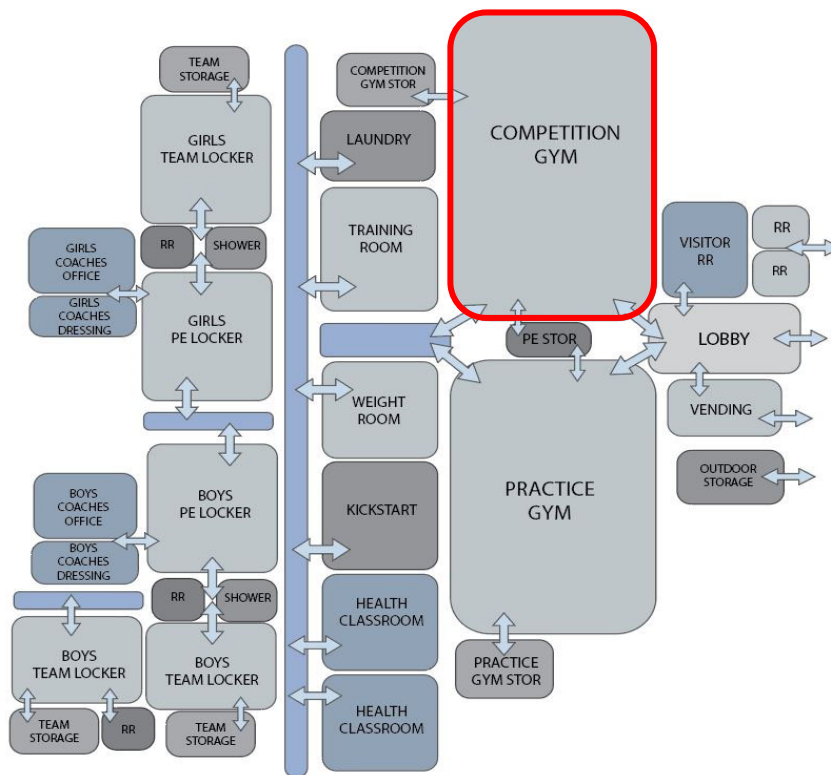
DESCRIPTION OF SPACE AND USES:

Competition of athletic programs, practice and physical education activities including but not limited to running, general exercising, basketball, volleyball, as well as lectures, demonstrations and student assemblies or presentations.

SPATIAL RELATIONSHIP:

Locate in Athletics/PE area, next to Practice Gym.

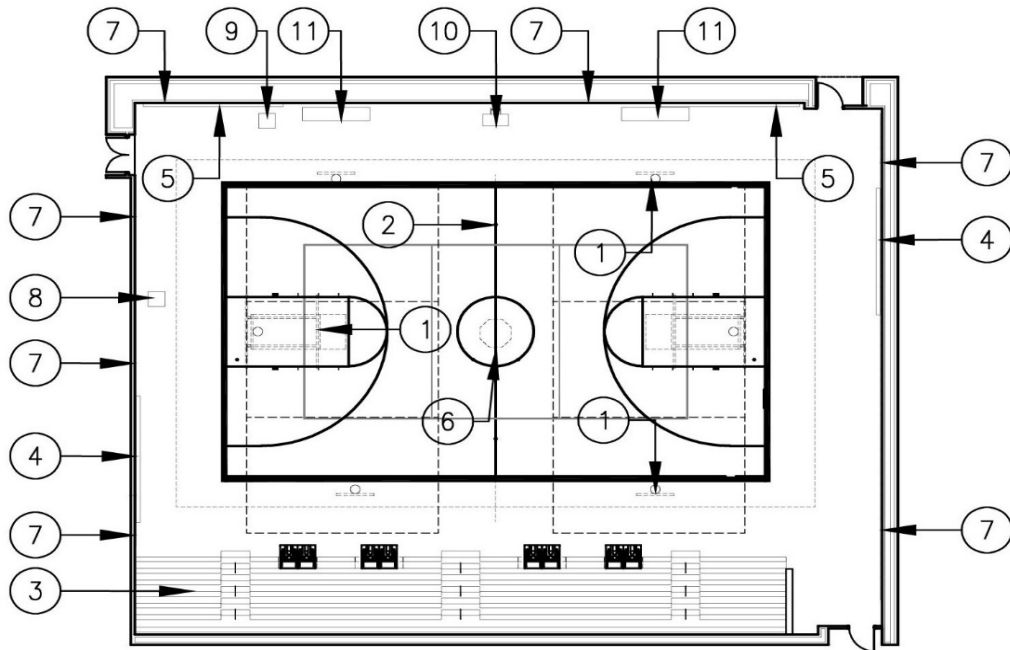
RELATIONSHIP DIAGRAM



Competition Gym

Competition Gym

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Basketball Goals	1	Folding, motorized, clear glass backboard	6		
Volleyball Inserts, Standards & Nets	2				
Bleachers	3	500 seats; retractable			
Scoreboard	4	Digital; clear visibility from scorer's table and for fans	2		
Markerboard	5		1	5' x 10'	
Sound System	6		1		
Wall Pads	7	Locate behind basketball goals; line walls		2' x 6' each	
Instructional Display Technology	8	On cart	1		

Competition Gym					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Cafeteria/Gym Tool Set	9	With cart	1		
Scorer's Table & Chairs	10		1		
Team Benches	11		2		
Notes:					
1. Cross basketball courts are not full size. Provide markings on floor including 3-point line dashes and free throw lines. Coordinate with FBISD Athletics Dept.					
2. Ensure bleachers do not encroach on cross basketball/volleyball courts.					
3. Protect other equipment such as clock, strobe and chime within gymnasium with cage or plastic covers.					
4. Provide electrical outlets at 8'-0" oc.					
5. Provide electrical outlets above bleachers.					
6. Provide smooth surface for projection area (markerboard or other). Projection device is on a mobile cart.					
7. Comply with UIL requirements for vertical clearance to structure.					
8. Provide power/data infrastructure for projection at two (2) locations.					
9. Incorporate badminton court provisions in gyms.					
10. Consult with acoustical consultant for enhanced acoustics in this area.					

Competition Gym Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Competition Gym Storage	1		330	330	

PROGRAM DETAILS

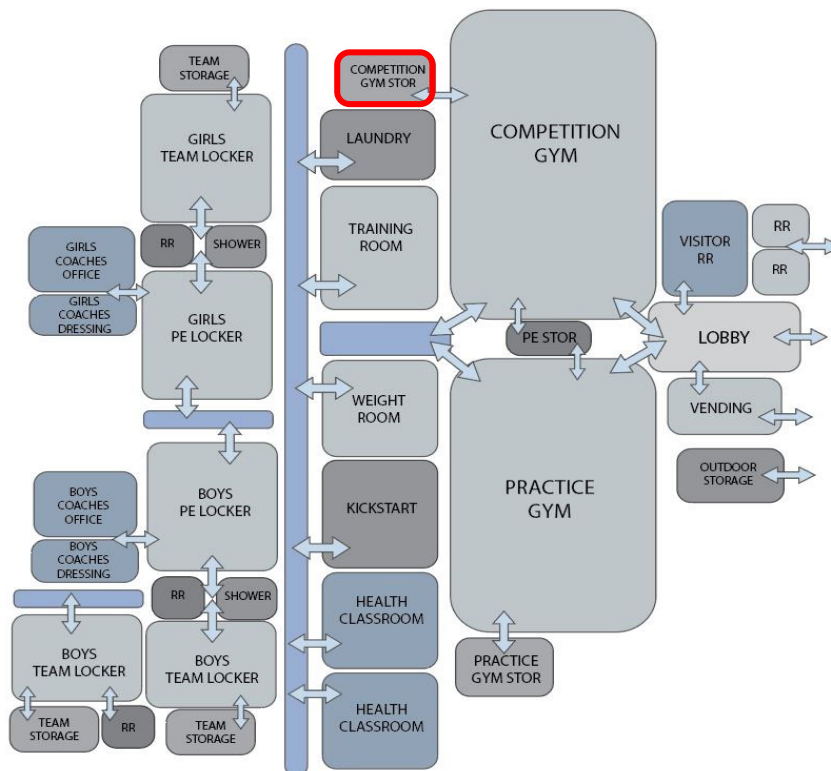
DESCRIPTION OF SPACE AND USES:

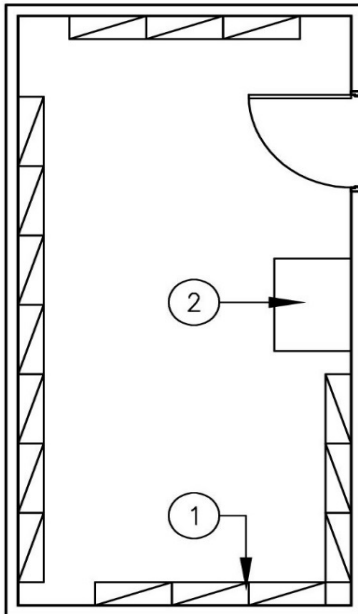
Storage of Athletic materials/equipment.

SPATIAL RELATIONSHIP:

Locate adjacent to Competition Gym.

RELATIONSHIP DIAGRAM



Competition Gym Storage				Competition Gym Storage	
				LAYOUT	
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line walls with shelves		36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Projection Cart	2		1		
Notes:					
1. Provide power and data for projection device cart.					
2. Provide 4'-0" door into room.					

Practice Gym

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Practice Gym	1		8,200	8,200	

PROGRAM DETAILS

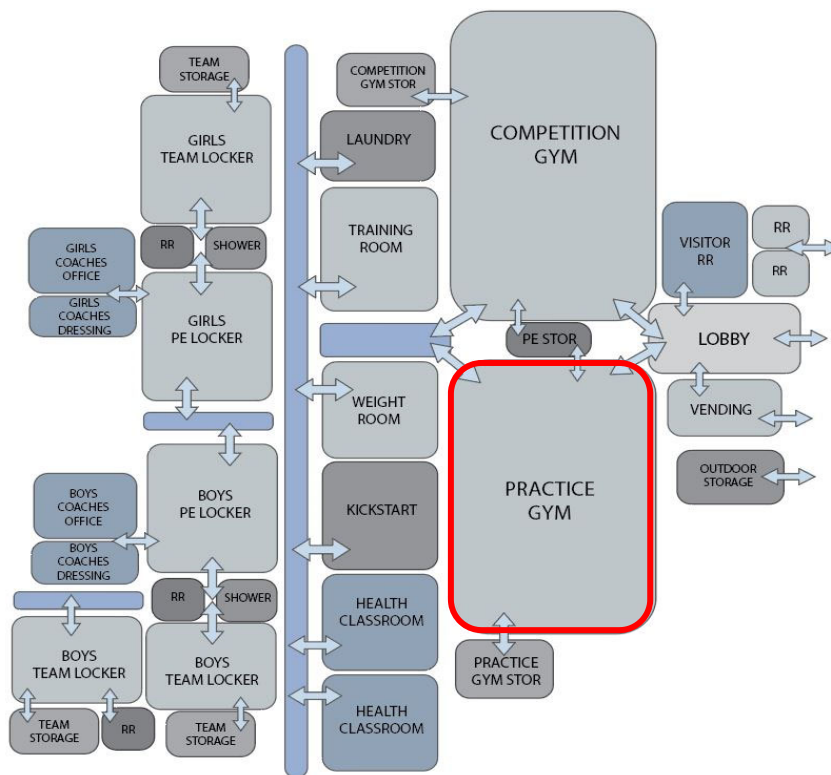
DESCRIPTION OF SPACE AND USES:

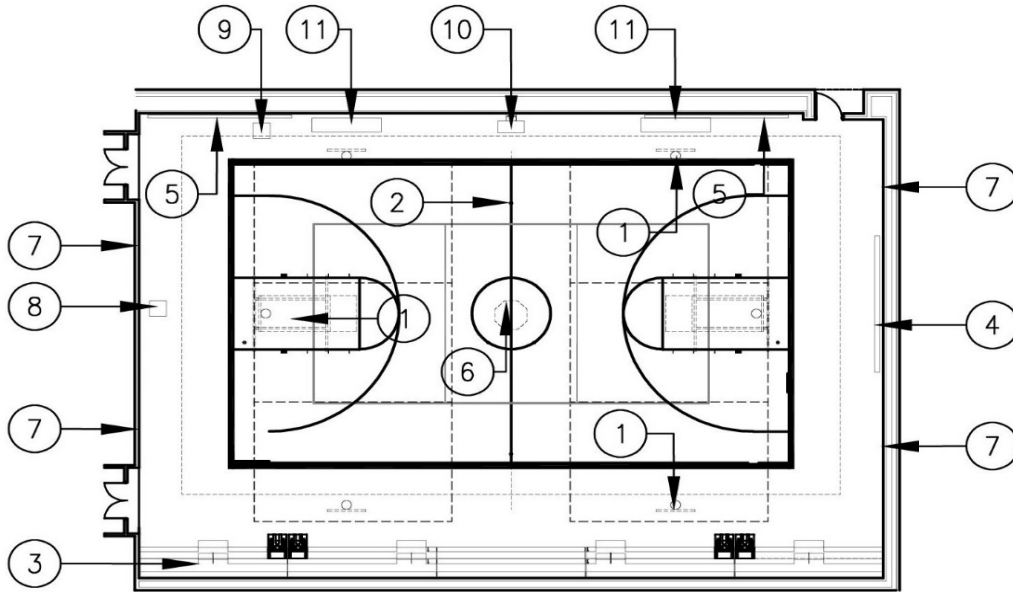
Practice of athletics programs and physical education activities including but not limited to running, general exercising, basketball, volleyball, as well as lectures, demonstrations and student assemblies or presentations.

SPATIAL RELATIONSHIP:

Locate in Athletics/PE area, next to Competition Gym.

RELATIONSHIP DIAGRAM



**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size
---------------------	---------	-------	------	------

IN CONTRACT / CONTRACTOR PROVIDED

Basketball Goals	1	Folding, motorized, clear glass backboard	6		
Volleyball Inserts, Standards & Nets	2		2		
Bleachers	3	150 seats; retractable			
Scoreboard	4	Digital	1		
Markerboard	5		1	5' x 10'	
Sound System	6		1		
Wall Pads	7	Locate behind basketball goals	2	2' x 6'	
Projector Screen	8	Mount above pads	1		
Instructional Display Technology	9	On cart	1		

Practice Gym					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Cafeteria/Gym Tool Set	9	With cart	1		
Scorer's Table & Chairs	10		1		
Team Benches	11		2		
Notes:					
1. Cross basketball courts are not full size. Provide markings on floor including 3-point line dashes and free throw lines. Coordinate with FBISD Athletics Dept.					
2. Ensure bleachers do not encroach on cross basketball/volleyball courts.					
3. Protect other equipment such as clock, strobe and chime within gymnasium with cage or plastic covers.					
4. Provide electrical outlets at 8'-0" oc.					
5. Provide electrical outlets above bleachers.					
6. Provide smooth surface for projection area (markerboard or other). Projection device is on a mobile cart.					
7. Comply with UIL requirements for vertical clearance to structure.					
8. Provide power/data infrastructure for projection at two (2) locations.					
9. Incorporate badminton court provisions in gyms.					
10. Consult with acoustical consultant for enhanced acoustics in this area.					

Practice Gym Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Practice Gym Storage	1		300	300	

PROGRAM DETAILS

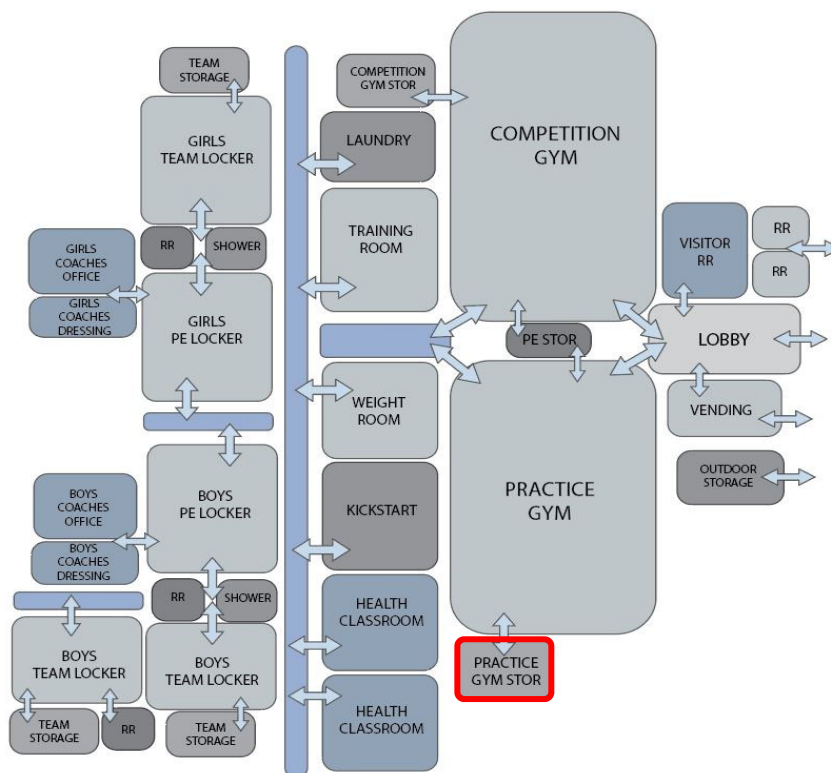
DESCRIPTION OF SPACE AND USES:

Storage of Athletic materials/equipment.

SPATIAL RELATIONSHIP:

Locate adjacent to Practice Gym.

RELATIONSHIP DIAGRAM



Practice Gym Storage				Practice Gym Storage	
				LAYOUT	
<div></div>					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line walls with		36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Projection Cart	2		1		
Notes:					
1. Provide power and data for projection device cart.					
2. Provide 4'-0" door into room.					

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Lobby	1		1,600	1,600	

PROGRAM DETAILS

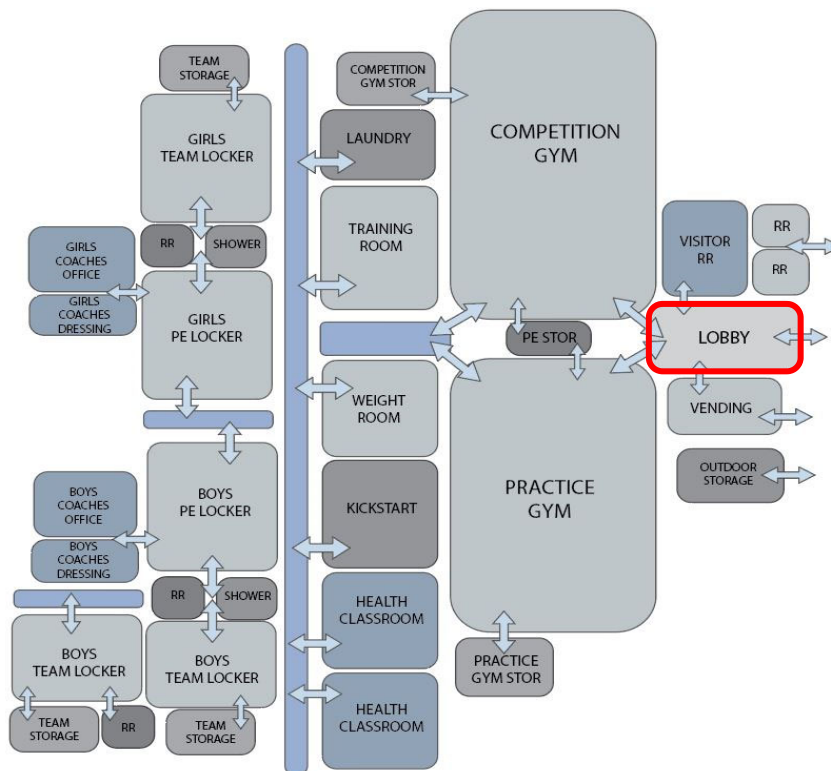
DESCRIPTION OF SPACE AND USES:

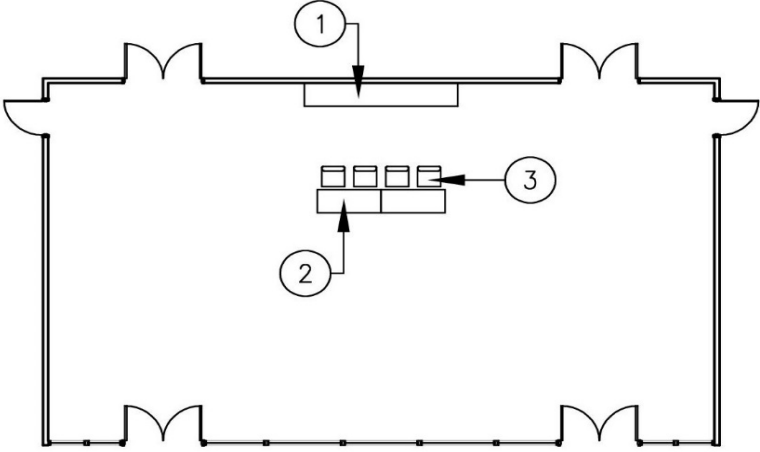
Lobby/waiting space for spectators entering gymnasias.

SPATIAL RELATIONSHIP:

Locate adjacent to Competition and Practice Gyms.

RELATIONSHIP DIAGRAM



Lobby					
Lobby					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Display Case	1		1	12' x 6' x 2'	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Table	2		2		
Chair	3		4		
Notes:					
1. Lobby to be easily identifiable from exterior.					

PE Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
PE Storage	1		150	150	

PROGRAM DETAILS

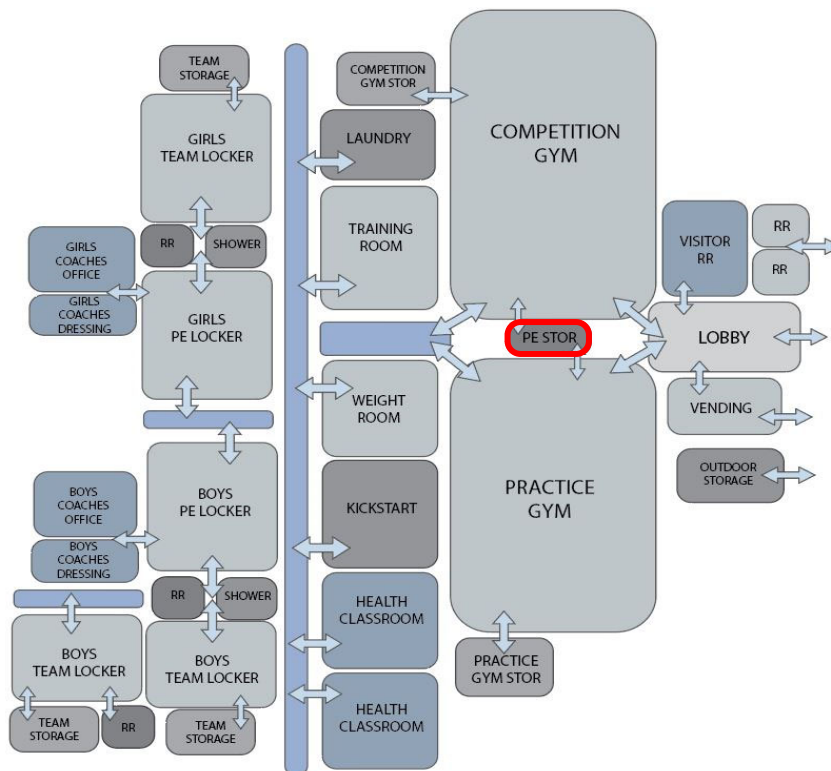
DESCRIPTION OF SPACE AND USES:

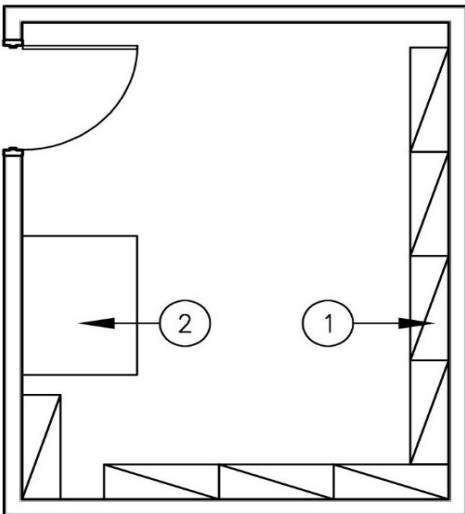
Storage of PE equipment.

SPATIAL RELATIONSHIP:

Locate adjacent to competition and practice gym with access to and from both.

RELATIONSHIP DIAGRAM



PE Storage					PE Storage
					LAYOUT
<div></div>					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line walls		36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Projection Cart	2		1		
Notes:					
1. Provide power and data for projection device cart.					
2. Provide 4'-0" door into room.					

Visitor Restroom
PROGRAM SPACES

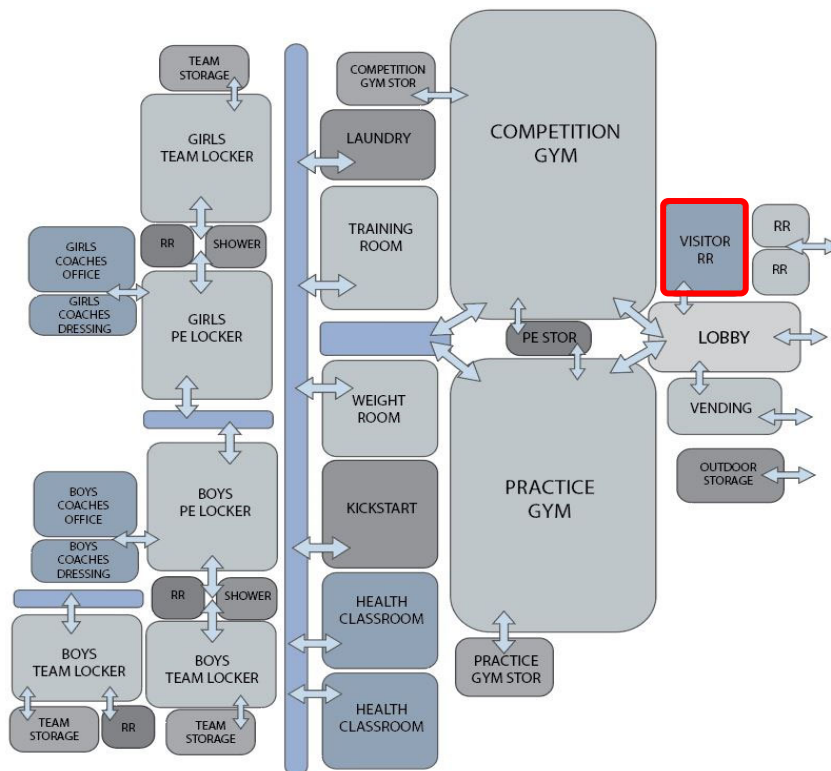
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Visitor Restroom	2		250	500	One for men and one for women

PROGRAM DETAILS
DESCRIPTION OF SPACE AND USES:

Restrooms for spectators during games.

SPATIAL RELATIONSHIP:

Locate adjacent to Competition Gym and Practice Gym.

RELATIONSHIP DIAGRAM


Visitor Restroom		Visitor Restroom		
		LAYOUT		
EQUIPMENT/FURNITURE				
Furniture/Equipment	Tag No.	Notes	Qty.	Size
IN CONTRACT / CONTRACTOR PROVIDED				
Mirror	1		1	
Grab Bars	2		6	
Furniture/Equipment	Tag No.	Notes	Qty.	Size
NOT IN CONTRACT / OWNER PROVIDED				
Paper Towel Dispenser	3	Contractor installed	2	
Toilet Paper Dispenser	4	Contractor installed	11	
Soap Dispenser	5	Contractor installed	8	
Feminine Napkin Disposal	6	Contractor installed	7	
Notes:				
1. Two stalls (minimum) per restroom.				

Laundry

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Laundry	1		250	250	

PROGRAM DETAILS

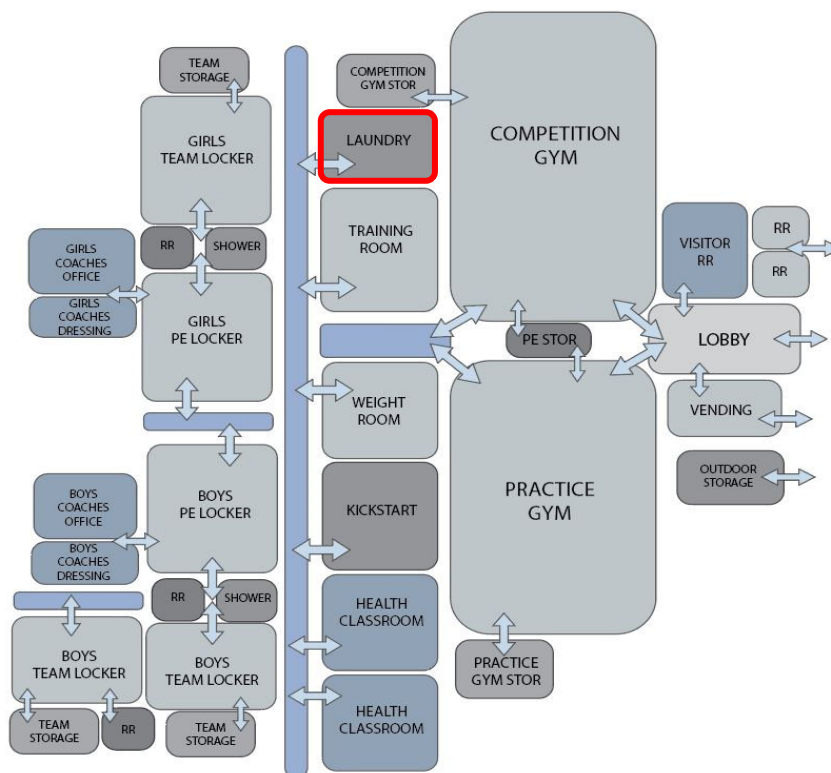
DESCRIPTION OF SPACE AND USES:

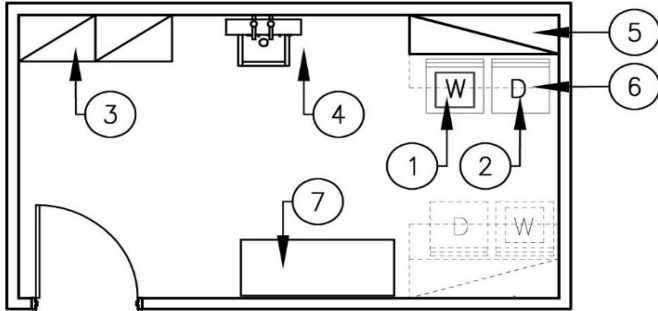
Cleaning and storage of uniforms, towels and other clothes.

SPATIAL RELATIONSHIP:

Locate close to locker rooms and training room.

RELATIONSHIP DIAGRAM



Laundry					Laundry
Laundry					LAYOUT
<div></div>					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Commercial Grade Washer	1	One future	2		
Commercial Grade Dryer	2	One future	2		
Metal Shelves	3		2	12" x 24" x 72"	
Sink	4		1		
Trench Drain	5		1		
Shelf	6	Above washer/dryer	1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Table	7		1	6' x 3' x 30"	
Notes:					

Training Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Training Room	1		200	200	

PROGRAM DETAILS

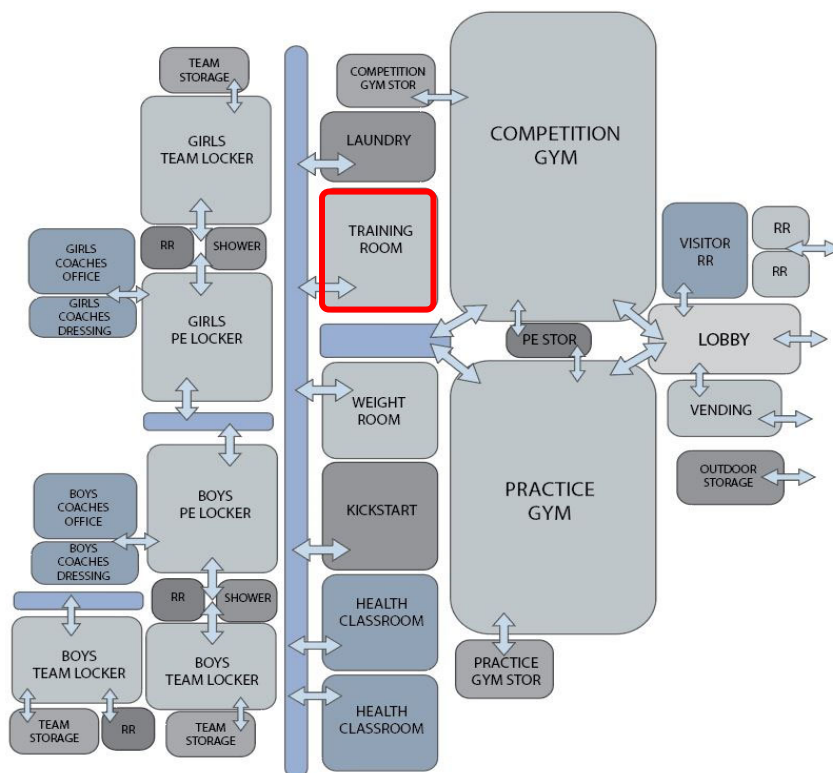
DESCRIPTION OF SPACE AND USES:

Taping and treatment of minor injuries, and rehabilitation.

SPATIAL RELATIONSHIP:

Locate in Athletics/PE area.

RELATIONSHIP DIAGRAM



Training Room					
Training Room		LAYOUT			
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Refrigerator	1		1		
Ice Machine	2	With drain; rough in for two	1		
Upper and Lower Cabinets	3	Lockable			
Sink	4		1		
Overhead Storage	5		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	6	Contractor installed	1		
Paper Towel Dispenser	7	Contractor installed	1		
Taping Tables	8		2		
Notes:					

Weight Room
PROGRAM SPACES

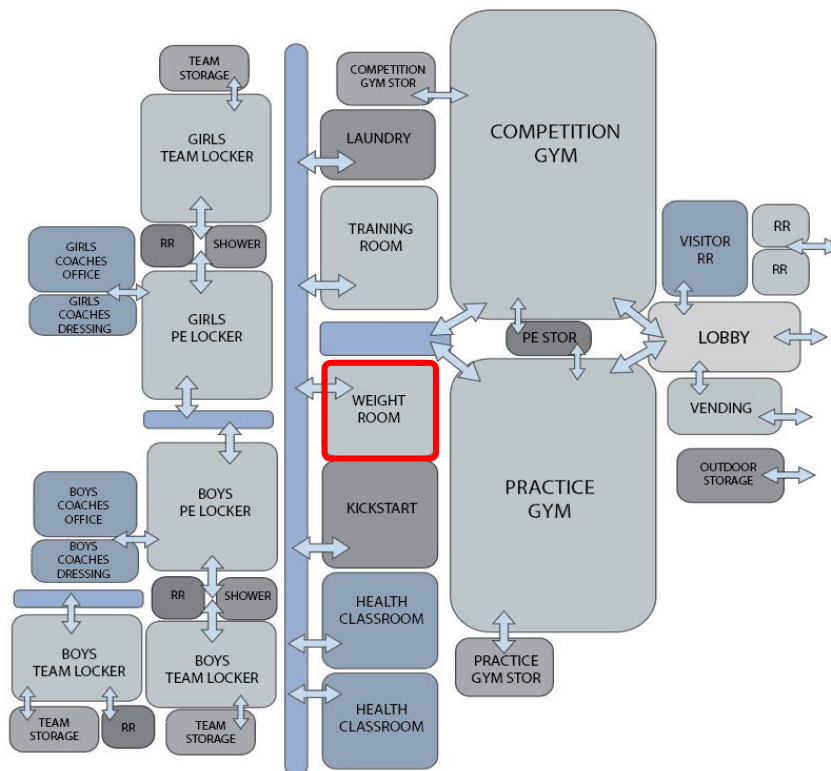
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Weight Room	1		1,200	1,200	

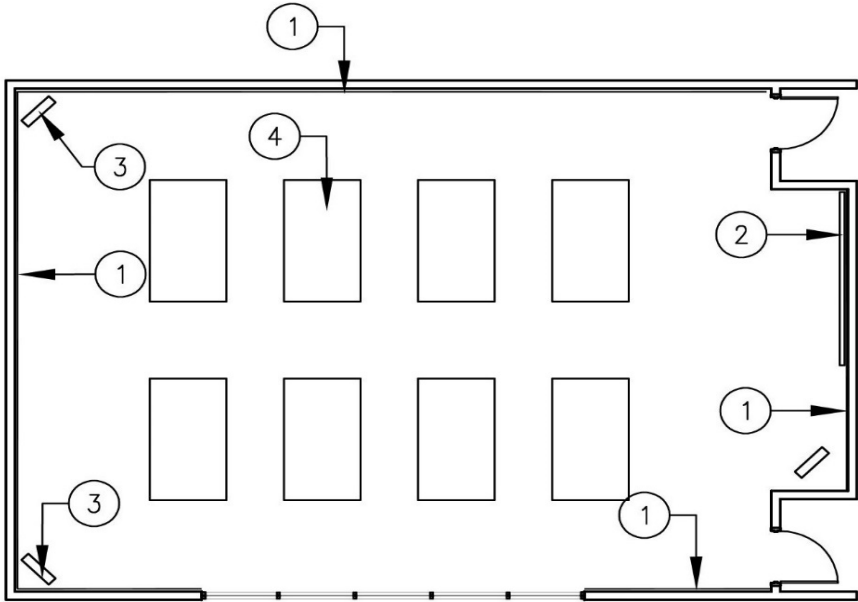
PROGRAM DETAILS
DESCRIPTION OF SPACE AND USES:

Weight training, exercise, physical education.

SPATIAL RELATIONSHIP:

Locate in Athletics/PE area.

RELATIONSHIP DIAGRAM


Weight Room					Weight Room
LAYOUT					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1	Mount at 12" AFF; Line walls		4' x 6'	
Markerboard	2		1	5' x 10'	
Oscillating Fans	3		3		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Weight Equipment	4				
Notes:					
1. Provide 11'-0" minimum ceiling height.					
2. Provide one 4'-0" door into space.					
3. Provide windows to hallway.					

Vending

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Vending	1		140	140	Open to outdoors.

PROGRAM DETAILS

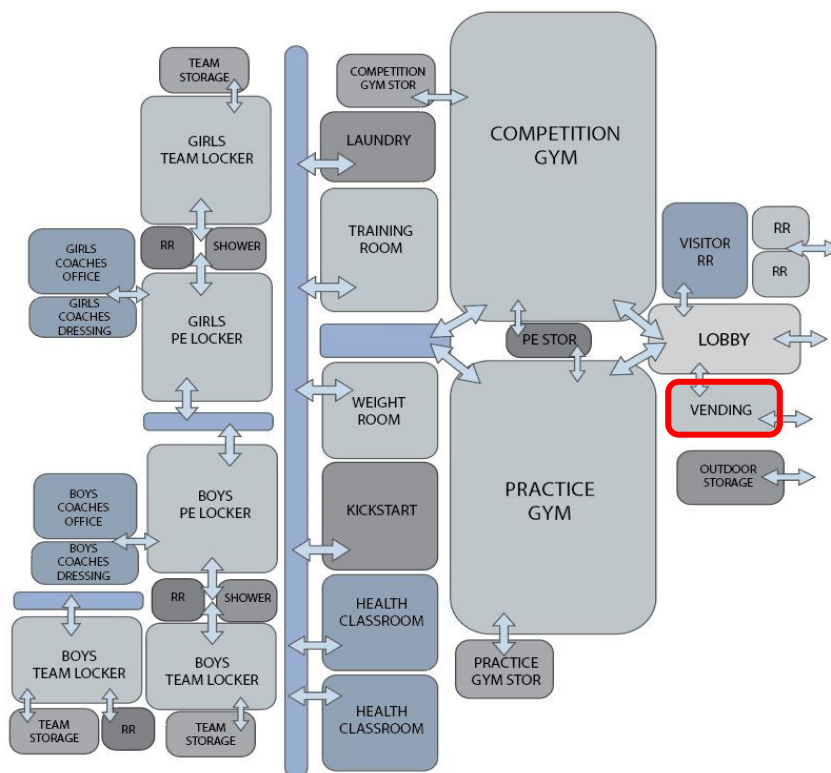
DESCRIPTION OF SPACE AND USES:

Selling of snacks, beverages and tickets at events in the gymnasium. PTA fundraising efforts from concessions as well.

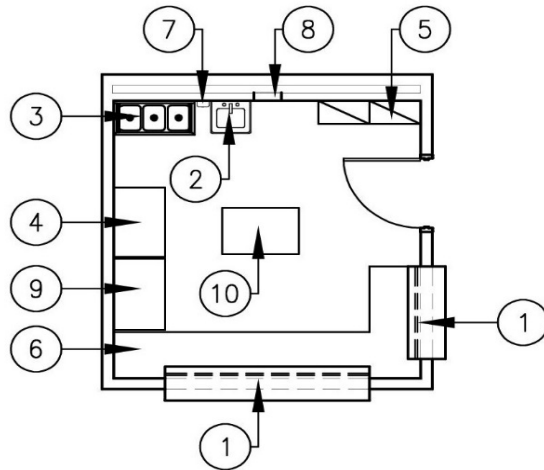
SPATIAL RELATIONSHIP:

Locate in Athletics area near lobby and gymnasium with access to exterior.

RELATIONSHIP DIAGRAM



Vending	Vending
Vending	LAYOUT

**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	
---------------------	---------	-------	------	------	--

IN CONTRACT / CONTRACTOR PROVIDED

Overhead Counter Door with Counter	1	Stainless Steel; one opens to outside	2		
Hand wash Sink	2		1		
Three Compartment Sink	3		1		
Ice Machine	4	With drain	1		
Metal Shelves	5		2	12" x 24" x 72"	
Counter	6	Provide multiple dedicated outlets above counter	1		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	
---------------------	---------	-------	------	------	--

NOT IN CONTRACT / OWNER PROVIDED

Soap Dispenser	7	Contractor installed	1		
Paper Towel Dispenser	8	Contractor installed	1		
Beverage Cooler	9		1		
Table	10		1		

Notes:

1. Access to outdoors field areas.
2. Provide dedicated electrical outlets.

Health Classroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Health Classroom	2	40	1,100	2,200	

PROGRAM DETAILS

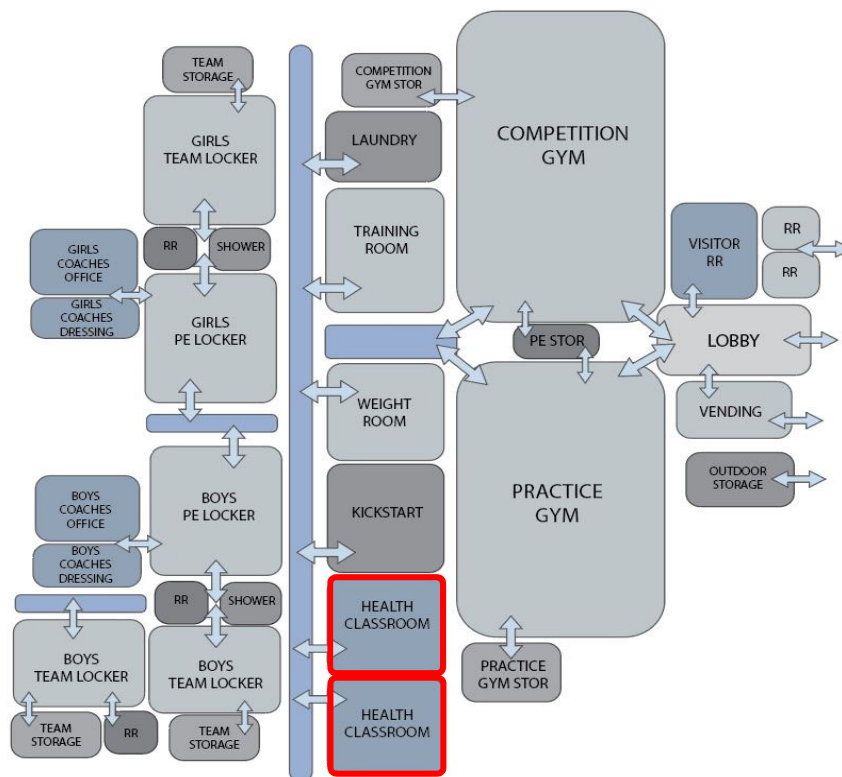
DESCRIPTION OF SPACE AND USES:

Classroom for instruction; learning activities focused on health and wellness.

SPATIAL RELATIONSHIP:

Locate both classrooms together in close proximity to gymnasiums and classroom wings. Coordinate final location with athletics department.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

Health Classroom

OTHER ACTIVITIES:

Classroom Library - Individual reading, student self selection

Continuous Learning- Spill over to learning commons adjacent to classroom

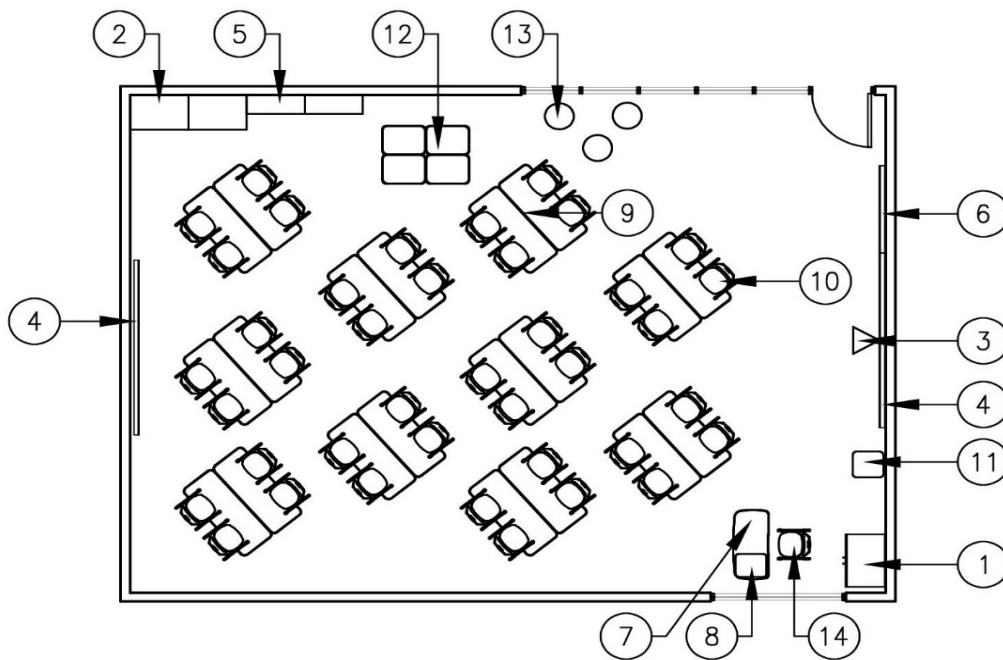
Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

Health Classroom

LAYOUT

**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Teacher's Wardrobe	1	Lockable	1	36" x 24" x 84"	
Tall Shelving Unit	2	Lockable	2	36" x 24" x 84"	
Instructional Display Technology	3		2	5' x 8'	
Markerboard	4	One below projector	2	5' x 8'	
Bookshelf	5		2		
Markerboard	6		1	4' x 5'	

Health Classroom					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Desk	7		1		
Teacher Tool Set	8		1		
Student Desk	9		20		
Student Chair	10	Stackable	40		
Student Devices Cart	11		1		
Student Tables	12	Standing height	4		
Stools	13		3		
Task Chair	14		1		
Notes:					
1. Provide windows to hallway.					

Outdoor Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Outdoor Restrooms	2		200	400	

PROGRAM DETAILS

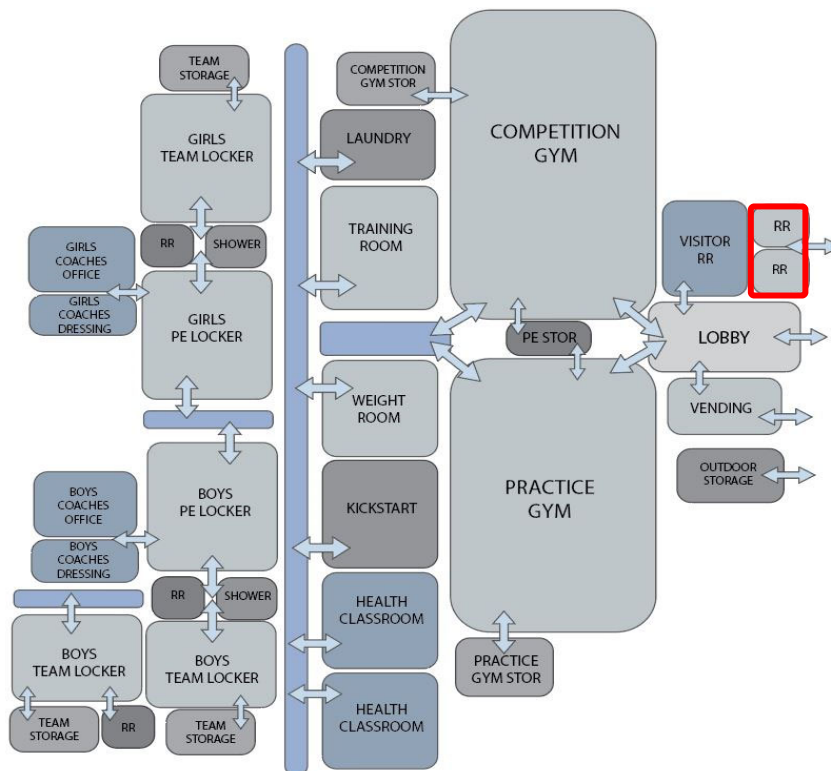
DESCRIPTION OF SPACE AND USES:

Restroom for spectators during athletic events/games.

SPATIAL RELATIONSHIP:

Locate adjacent to Vending with access to the outdoors.

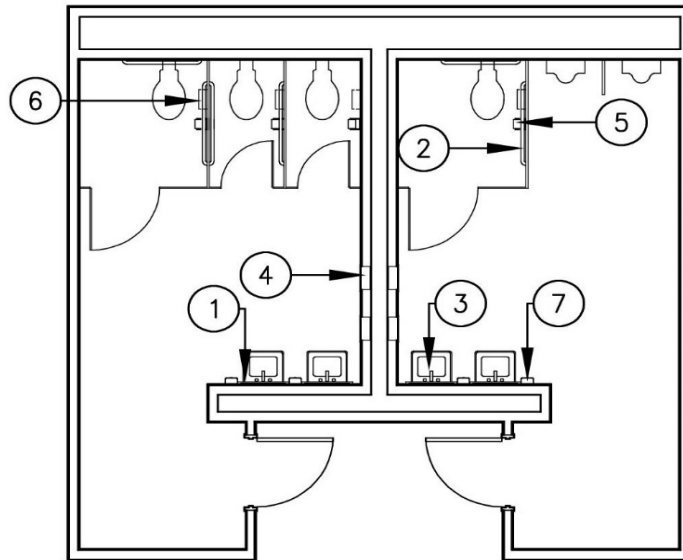
RELATIONSHIP DIAGRAM



Outdoor Restrooms

Outdoor Restrooms

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		2		
Grab Bars	2	2 in each handicap accessible stall	6		
Sink	3		4		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Paper Towel Dispenser	4	Contractor installed	4		
Toilet Paper Dispenser	5	Contractor installed	4		
Feminine Napkin Disposal	6	Contractor installed	3		
Soap Dispenser	7	Contractor installed	4		

Notes:

1. Locate close to outdoor Athletic fields.

Kickstart**PROGRAM SPACES**

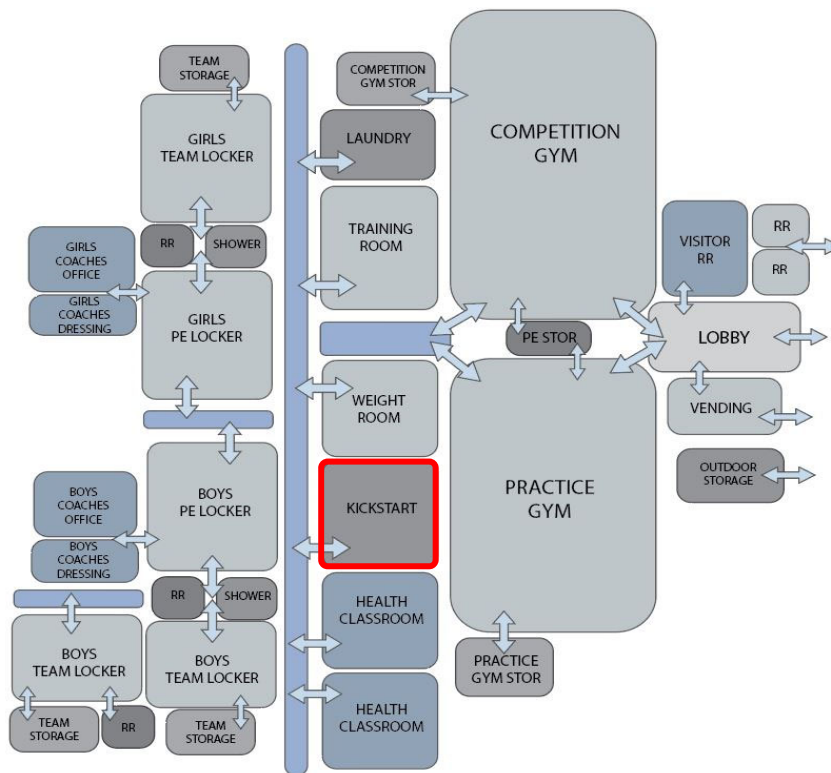
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Kickstart	1	35	1,600	1,600	

PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Martial Arts activities with character building lessons as part of Kickstart Kids Program.

SPATIAL RELATIONSHIP:

Locate near gymnasias and restrooms.

RELATIONSHIP DIAGRAM**LEARNING FRAMEWORK****LEARNING ACTIVITIES:**

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

Kickstart**OTHER ACTIVITIES:**

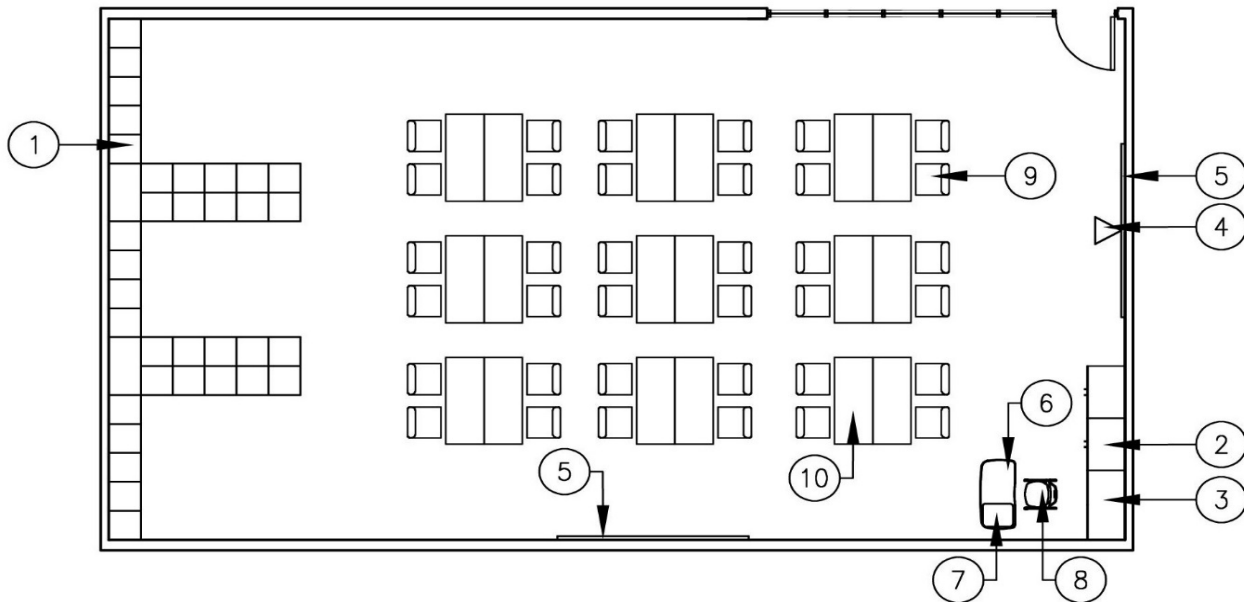
Classroom Library - Individual reading, student self selection

Continuous Learning- Spill over to learning commons adjacent to classroom

Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

Kickstart**LAYOUT****EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size
---------------------	---------	-------	------	------

IN CONTRACT / CONTRACTOR PROVIDED

Cubbies	1		34		
Tall Shelving Unit	2		2	36" x 24" x 84"	
Bookshelf	3		1		
Instructional Display Technology	4		1		
Markerboard	5	One below projector	2	5' x 10'	

Kickstart					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Desk	6		1		
Office Tool Set	7		1		
Task Chair	8		1		
Student Chair	9		36		
Student Desk	10		18		
Notes:					
1. Provide windows to hallway.					

PE Locker Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
PE Locker Room	2		1,600	3,200	One for boys and one for girls

PROGRAM DETAILS

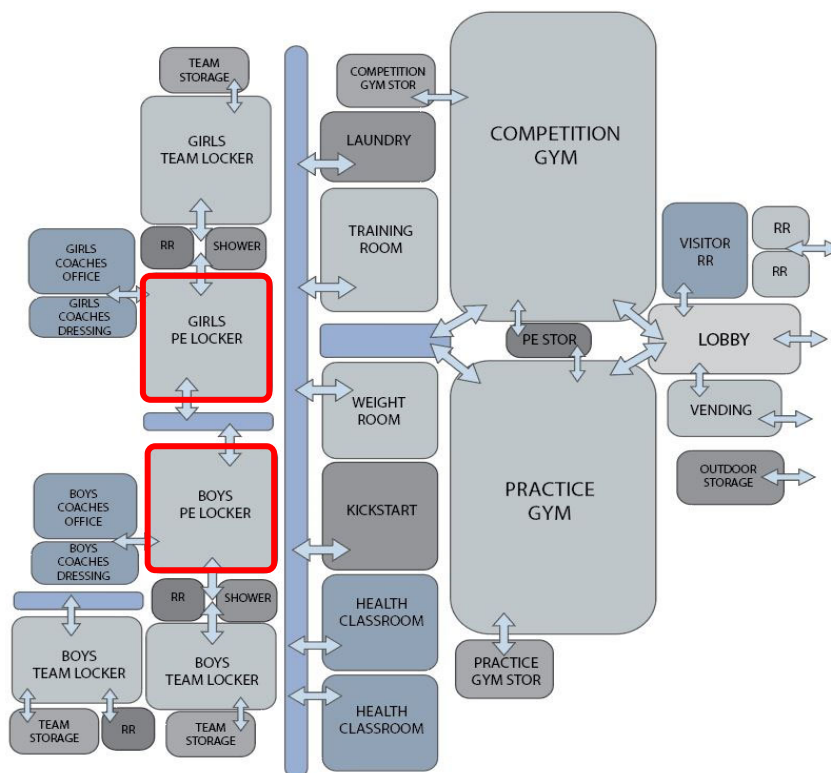
DESCRIPTION OF SPACE AND USES:

Locker room, dressing, and changing for PE students.

SPATIAL RELATIONSHIP:

Locate in Athletic/PE area adjacent to Coaches Office with direct access to restrooms and showers.

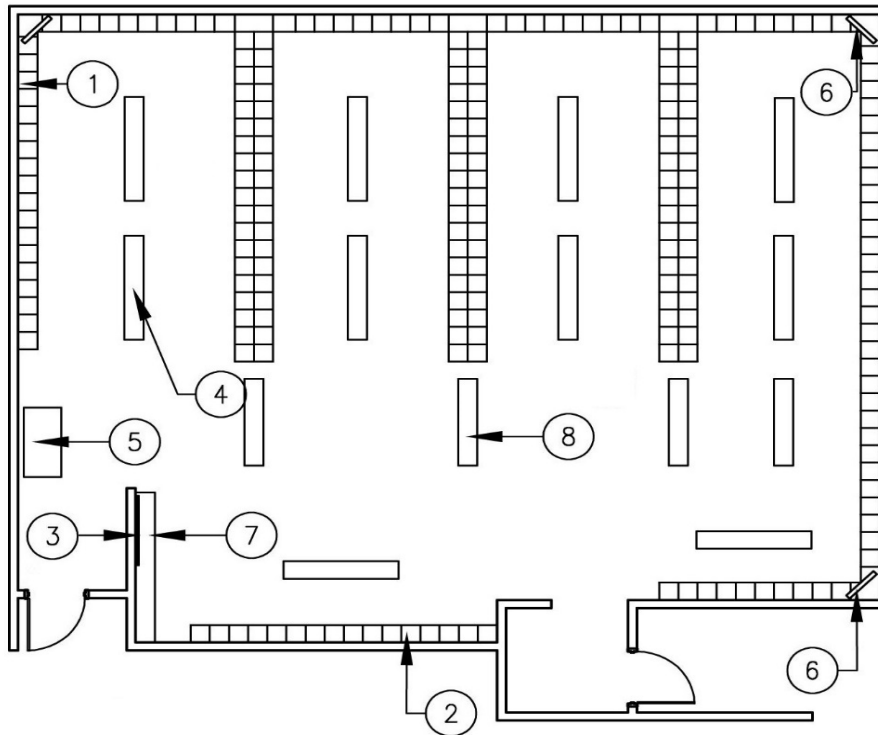
RELATIONSHIP DIAGRAM



PE Locker Room

PE Locker Room

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Lockers	1	5-tier	700	12" x 12" x 12"	
Lockers	2	2-tier	63	12" x 12" x 6"	
Mirrors	3		1	4' x 8'	
Benches	4	Fixed; locate along lockers	10		
Handicap Bench	5		1		
Mirror - Convex	6		3		
Shelf	7	Mount at 34"; provide electrical outlets above	1		
Benches	8	Moveable	3		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					

Notes:

1. Arrange lockers to maximize supervision.

Coaches Offices
PROGRAM SPACES

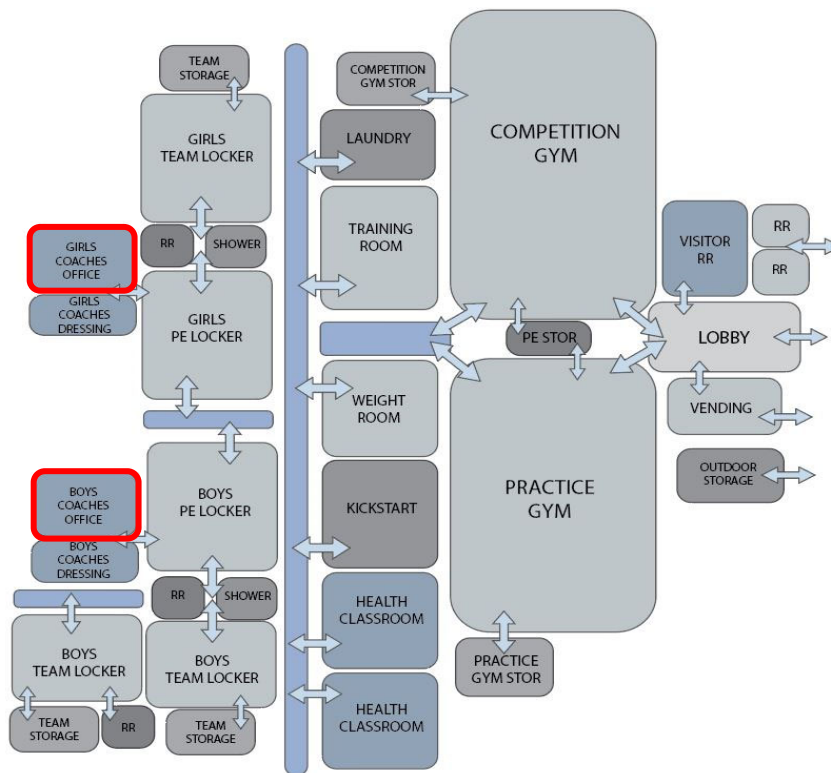
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Coaches Offices	2	8 Coaches each	800	1,600	One for boys and one for girls

PROGRAM DETAILS
DESCRIPTION OF SPACE AND USES:

Administrative duties, meetings and conferences

SPATIAL RELATIONSHIP:

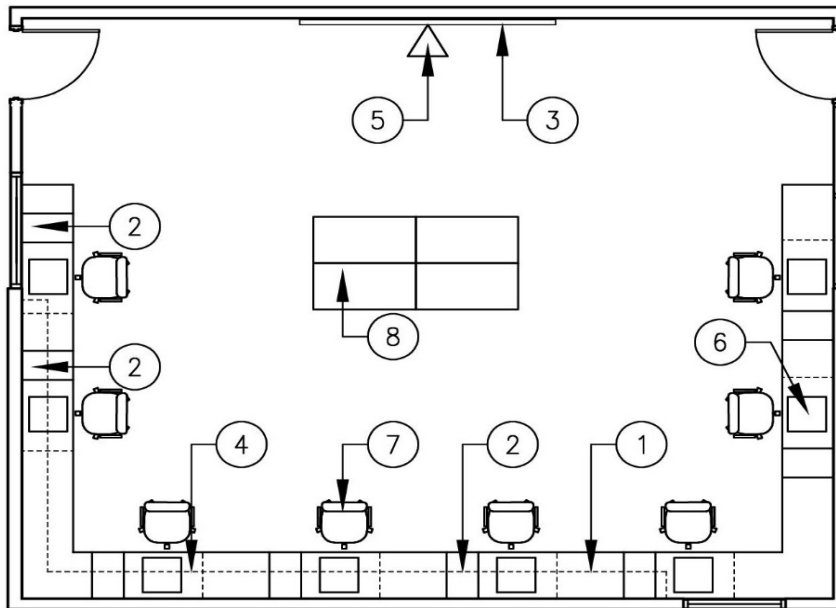
Locate in Athletics/PE area adjacent to team/PE locker.

RELATIONSHIP DIAGRAM


Coaches Offices

Coaches Offices

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size
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IN CONTRACT / CONTRACTOR PROVIDED

Upper and Lower Cabinets	1				
Vertical File Cabinet Drawers	2	Below counter	8		
Markerboard	3		1	6' x 4'	
Projection Device	4		1		
Teacher Display Plate (TDP)	5		1		

Furniture/Equipment	Tag No.	Notes	Qty.	Size
---------------------	---------	-------	------	------

NOT IN CONTRACT / OWNER PROVIDED

Task Chair	6		8		
Flip Tables	7		4		
Teacher Office Tool Set	8		8		

Notes:

1. Window to locker rooms for supervision.

Coaches Dressing

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Coaches Dressing	2		200	400	One for boys and one for girls

PROGRAM DETAILS

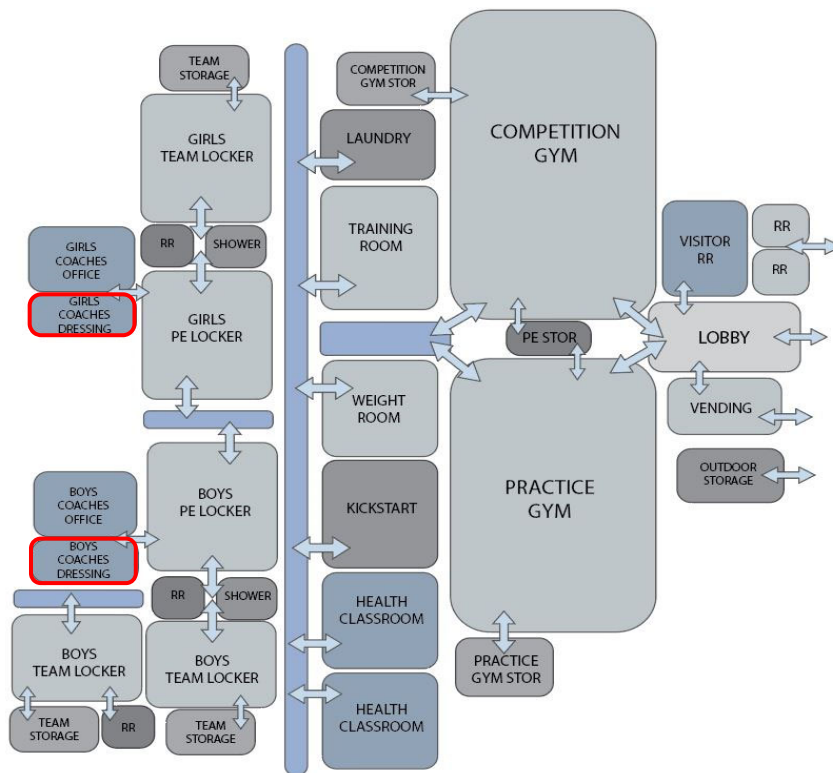
DESCRIPTION OF SPACE AND USES:

Coaches dressing area for showering and includes restrooms.

SPATIAL RELATIONSHIP:

Locate in Athletics/PE area adjacent to Coaches Office and locker rooms.

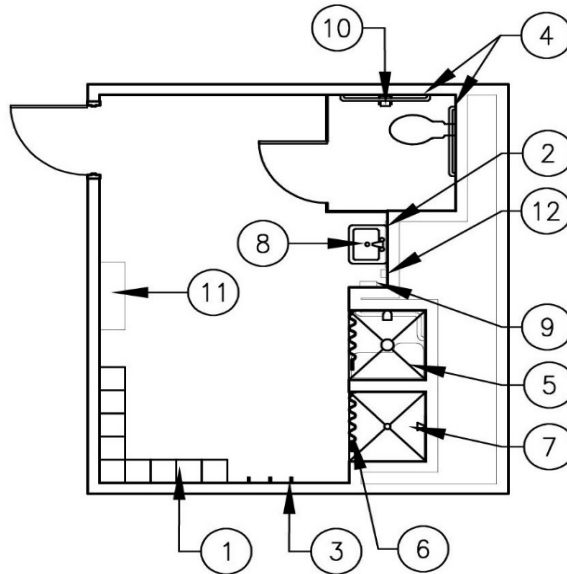
RELATIONSHIP DIAGRAM



Coaches Dressing

Coaches Dressing

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size
---------------------	---------	-------	------	------

IN CONTRACT / CONTRACTOR PROVIDED

Lockers	1	Single-tier	8	12" x 15" x 72"
Mirror	2		1	
Hooks	3		3	
Grab Bars	4	2 in HC shower	4	
Shower Handicap Bench	5		1	
Shower Curtain	6		2	
Shower	7	One Handicap	2	
Sink	8		1	

Furniture/Equipment	Tag No.	Notes	Qty.	Size
---------------------	---------	-------	------	------

NOT IN CONTRACT / OWNER PROVIDED

Paper Towel Dispenser	9	Contractor installed	1	
Toilet Paper Dispenser	10	Contractor installed	1	
Bench	11		1	
Soap Dispenser	12	Contractor installed	1	

Notes:

Girl's Team Locker

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Girl's Team Locker	1		1,500	1,500	

PROGRAM DETAILS

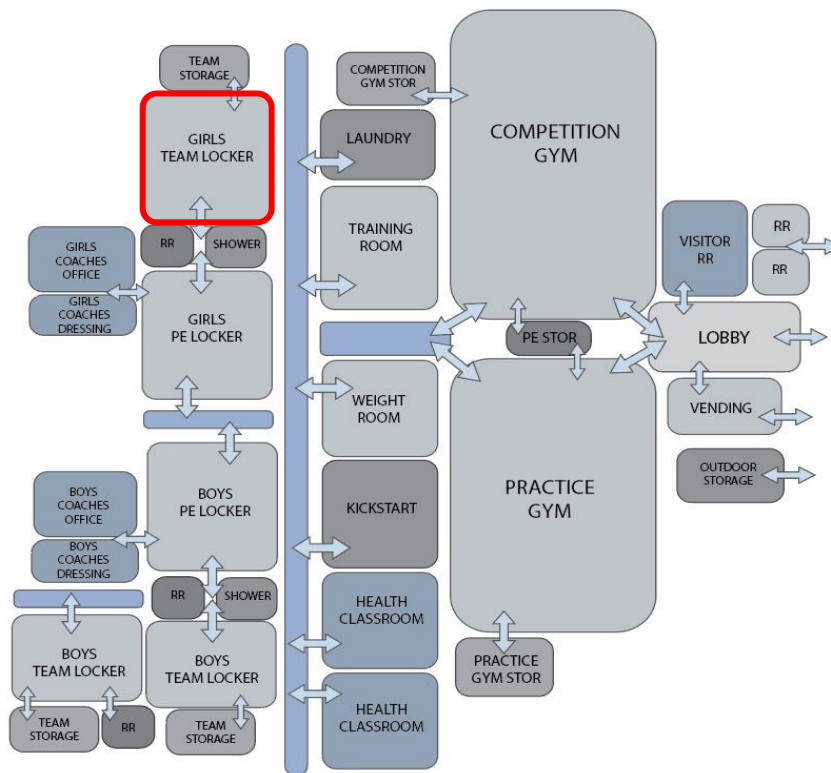
DESCRIPTION OF SPACE AND USES:

Locker room, dressing and changing, team meetings area for Athletics.

SPATIAL RELATIONSHIP:

Locate in Athletic/PE area adjacent to coaches offices, with direct access to restrooms and showers.

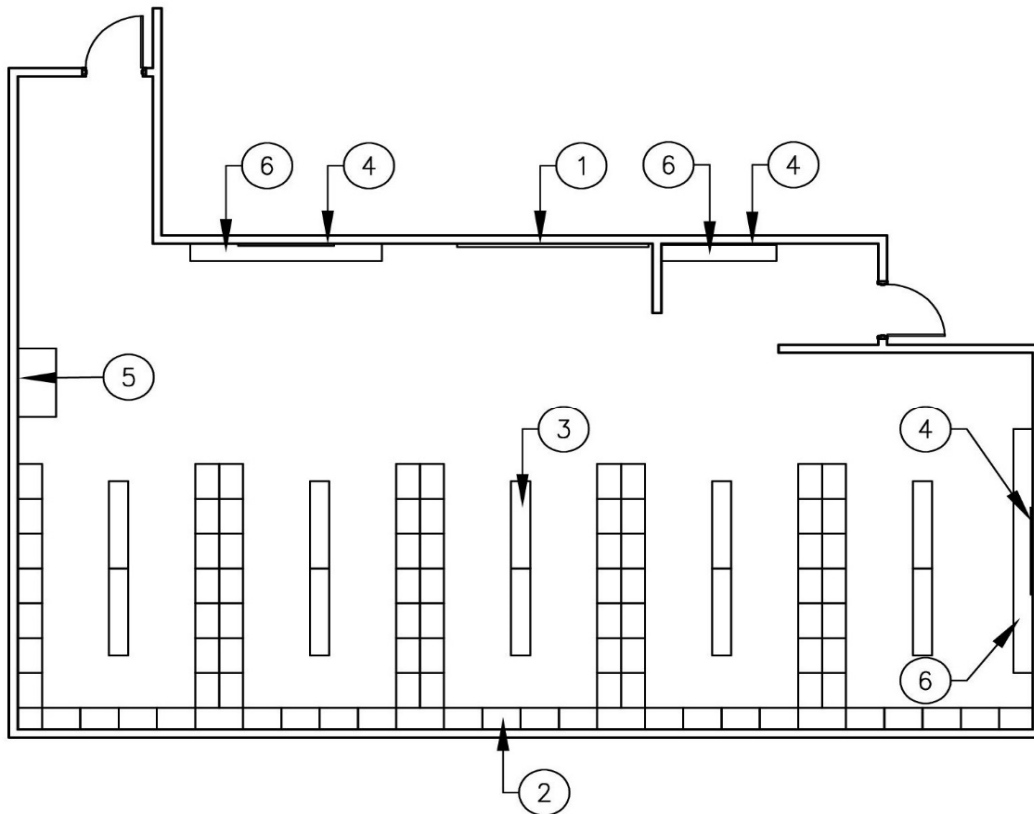
RELATIONSHIP DIAGRAM



Girl's Team Locker

Girl's Team Locker

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 10'	
Lockers	2	2-tier	70-80	15" x 24" x 36"	
Benches	3	locate along lockers	10		
Mirror	4		3	2' x 5'	
Handicap Bench	5		1		
Shelf	6	Mount at 34"; provide electrical outlets above	3		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					

Notes:

1. Arrange lockers to maximize supervision.

Girl's Team/PE Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Girl's Team/PE Restrooms	1		200	200	Shared between PE Locker and Team Locker

PROGRAM DETAILS

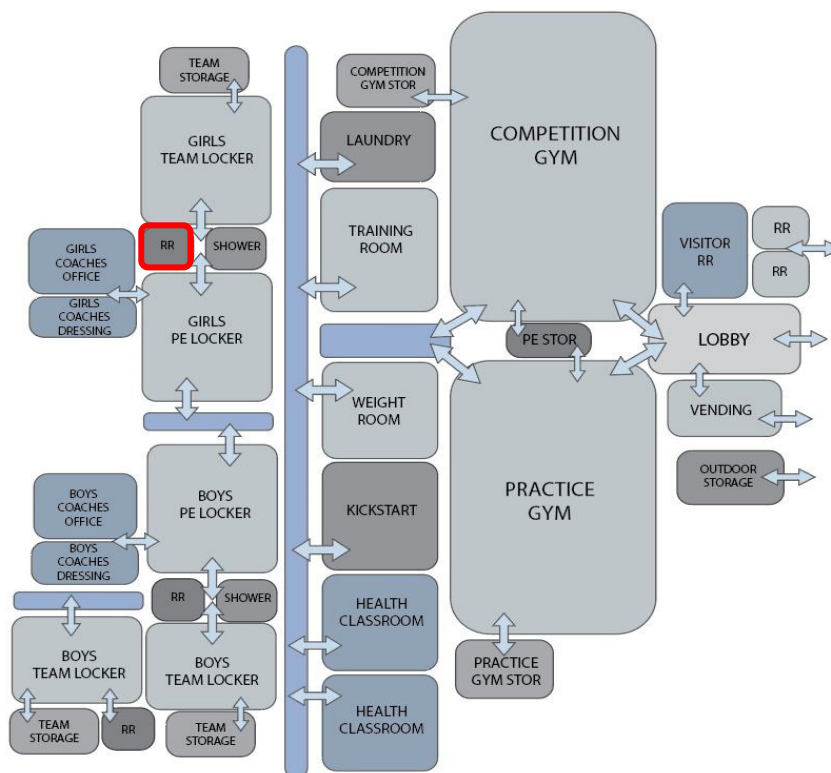
DESCRIPTION OF SPACE AND USES:

Girl's team restrooms for use by students and athletics. Also used for visiting team locker room.

SPATIAL RELATIONSHIP:

Locate in Athletics/PE area adjacent to team locker rooms.

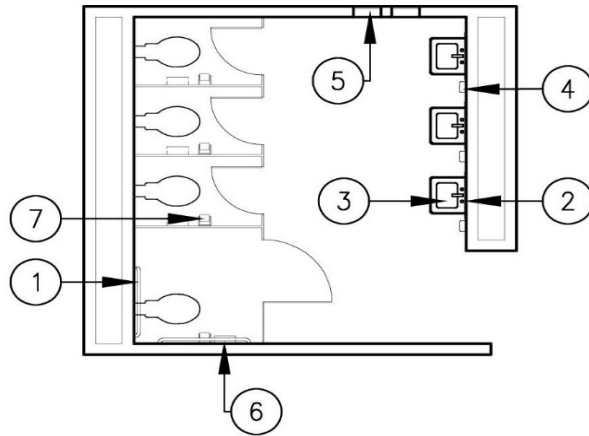
RELATIONSHIP DIAGRAM



Girl's Team/PE Restrooms

Girl's Team/PE Restrooms

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size
---------------------	---------	-------	------	------

IN CONTRACT / CONTRACTOR PROVIDED

Grab Bars	1		2		
Mirror	2		1		
Sink	3		3		

Furniture/Equipment	Tag No.	Notes	Qty.	Size
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NOT IN CONTRACT / OWNER PROVIDED

Soap Dispenser	4	Contractor installed	3		
Paper Towel Dispenser	5	Contractor installed	3		
Feminine Napkin Disposal	6	Contractor installed	4		
Toilet Paper Dispenser	7	Contractor installed	2		

Notes:

Boy's Team Locker

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Boy's Team Locker	2		700	1,400	

PROGRAM DETAILS

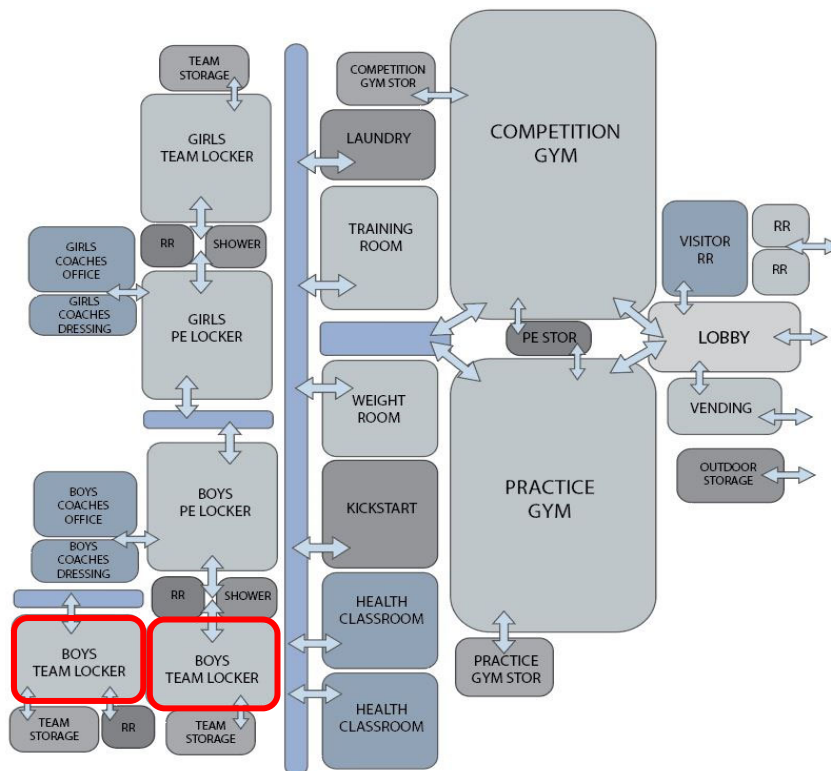
DESCRIPTION OF SPACE AND USES:

Locker room, dressing and changing, team meetings area for Athletics.

SPATIAL RELATIONSHIP:

Locate in Athletic/PE area adjacent to coaches offices, with direct access to restrooms and showers.

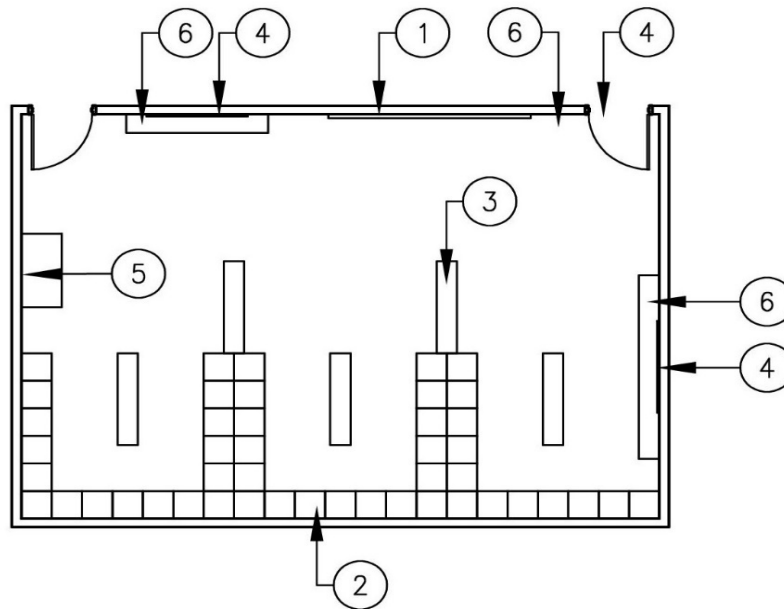
RELATIONSHIP DIAGRAM



Boy's Team Locker

Boy's Team Locker

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 10'	
Lockers	2	2-tier	80	15" x 24" x 36"	
Benches	3	locate along lockers	10		
Mirror	4		3	2' x 5'	
Handicap Bench	5		1		
Shelf	6	Mount at 34"; provide electrical outlets above	3		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					

Notes:

1. Arrange lockers to maximize supervision.

Boy's Team/PE Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Boy's Team/PE Restrooms	2		200	400	One between PE locker and team locker

PROGRAM DETAILS

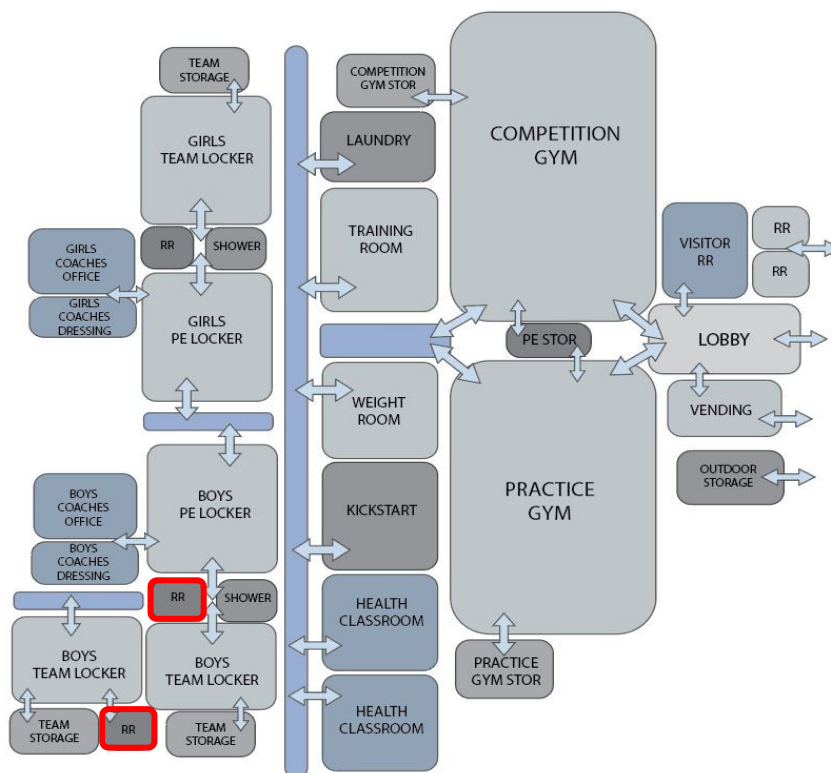
DESCRIPTION OF SPACE AND USES:

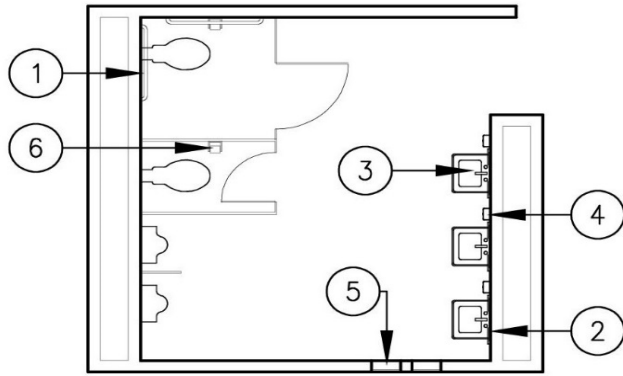
Boy's team restrooms for use by students and athletics. Also used for visiting team locker room.

SPATIAL RELATIONSHIP:

Locate in Athletics/PE area adjacent to team locker rooms.

RELATIONSHIP DIAGRAM



Boy's Team/PE Restrooms					Boy's Team/PE Restrooms
Boy's Team/PE Restrooms					LAYOUT
<div></div>					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Grab Bars	1		2		
Mirror	2		1		
Sink	3		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	4	Contractor installed	3		
Paper Towel Dispenser	5	Contractor installed	3		
Toilet Paper Dispenser	6	Contractor installed	2		
Notes:					

Showers

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Showers	2		200	400	One for boys and one for girls

PROGRAM DETAILS

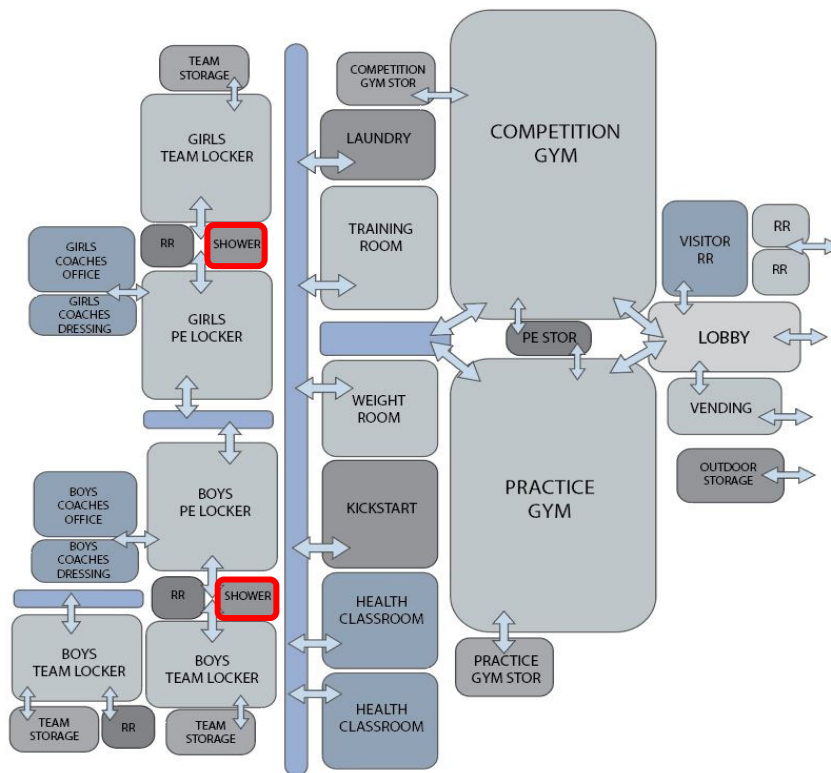
DESCRIPTION OF SPACE AND USES:

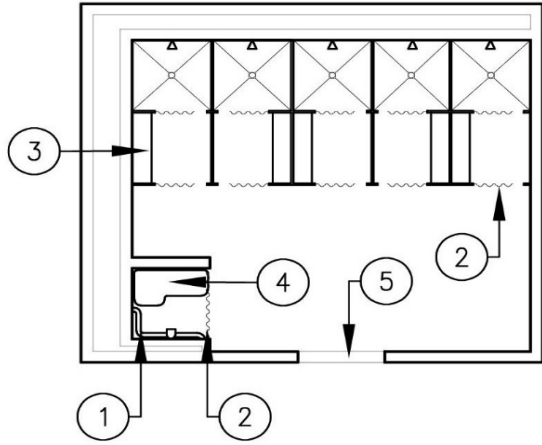
Showering

SPATIAL RELATIONSHIP:

Locate in Athletics/PE area adjacent to team locker areas.

RELATIONSHIP DIAGRAM



Showers					Showers
					LAYOUT
<div></div>					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Grab Bars	1		2		
Shower Curtain	2		11		
Shower Bench	3		5		
Handicap Shower Bench	4		1		
Marble Threshold	5	1/2" high	1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Team Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Team Storage	3		600	1,800	Two for boys and one for girls

PROGRAM DETAILS

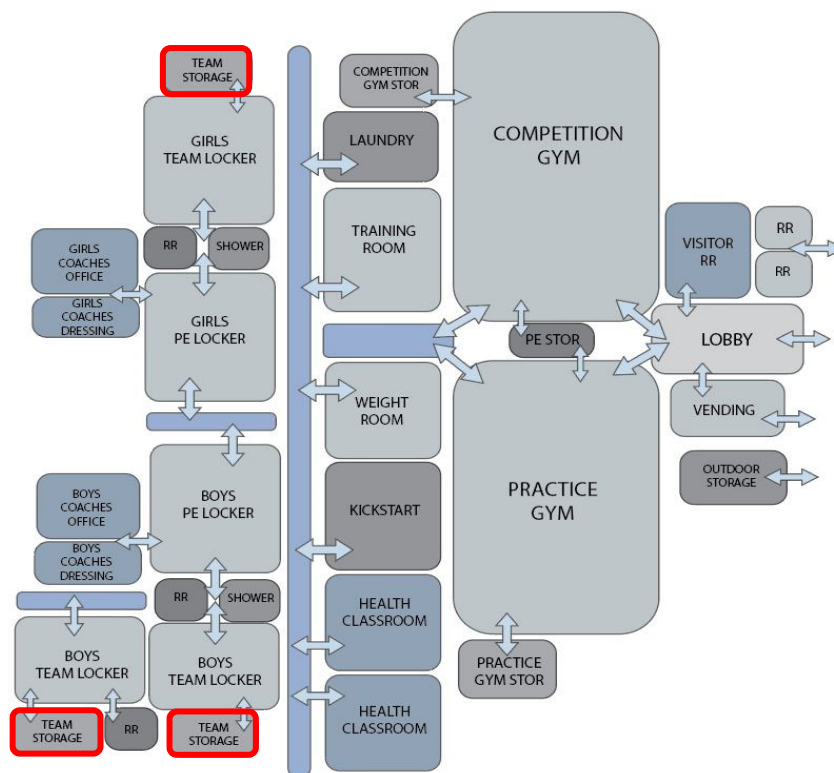
DESCRIPTION OF SPACE AND USES:

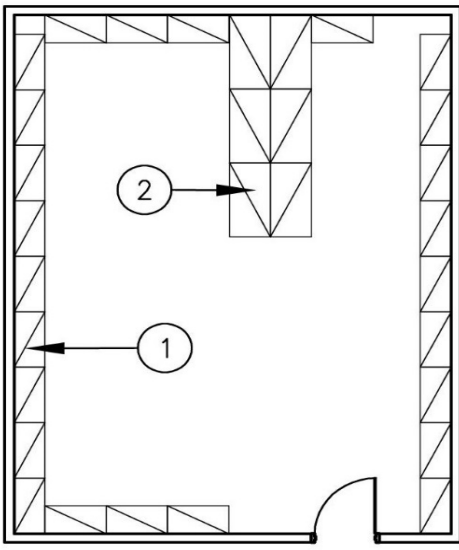
Storage of Athletic Equipment.

SPATIAL RELATIONSHIP:

Locate in Athletics/PE area adjacent to team locker rooms.

RELATIONSHIP DIAGRAM



Team Storage				
Team Storage	LAYOUT			
				
EQUIPMENT/FURNITURE				
Furniture/Equipment	Tag No.	Notes	Qty.	Size
IN CONTRACT / CONTRACTOR PROVIDED				
Metal Shelving	1	Line Walls		36" x 24" x 84"
Metal Shelving	2	Deep Shelves		36" x 36" x 84"
Furniture/Equipment	Tag No.	Notes	Qty.	Size
NOT IN CONTRACT / OWNER PROVIDED				
Notes:				

Outdoor Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Outdoor Storage	1		100	100	

PROGRAM DETAILS

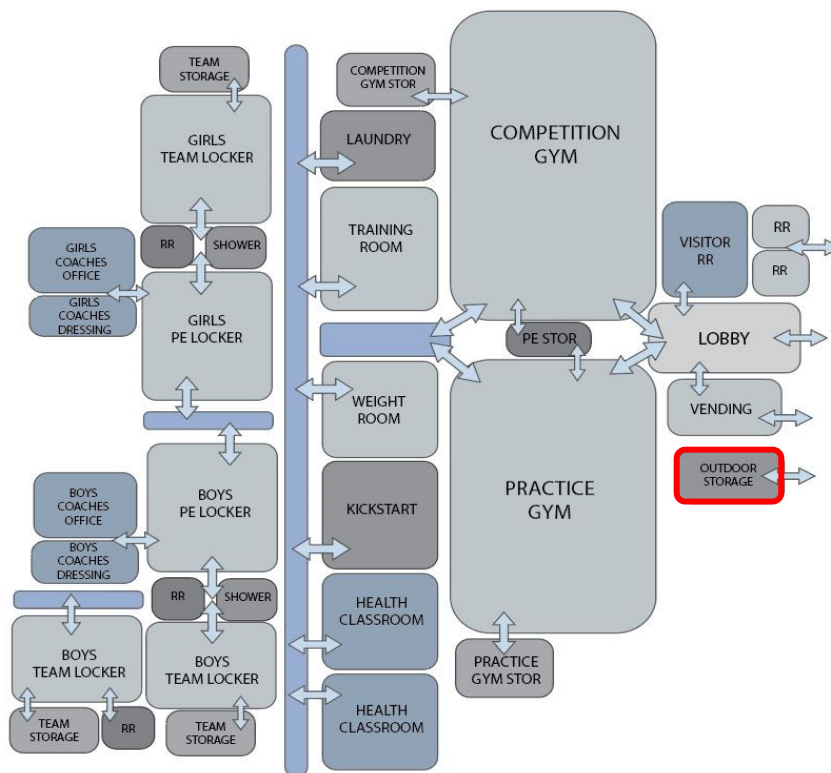
DESCRIPTION OF SPACE AND USES:

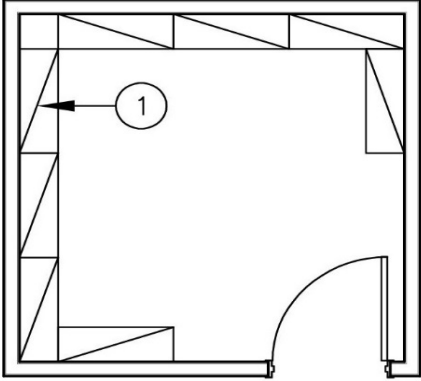
Storage of outdoor PE/Athletic equipment.

SPATIAL RELATIONSHIP:

Locate outside near practice fields.

RELATIONSHIP DIAGRAM



Outdoor Storage					
Outdoor Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line walls with		36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					



CAFETERIA / KITCHEN / CUSTODIAL



1. PROGRAM DESCRIPTION

The Cafeteria/Commons space for middle school campuses shall serve as student dining area as well as school assembly space and after-hours community meeting space (PTA, etc.). FBISD often rents this space to 'not for profit' groups as well known as 'Enterprise Program'. Restrooms shall be provided near/adjacent to the cafeteria space for public use.

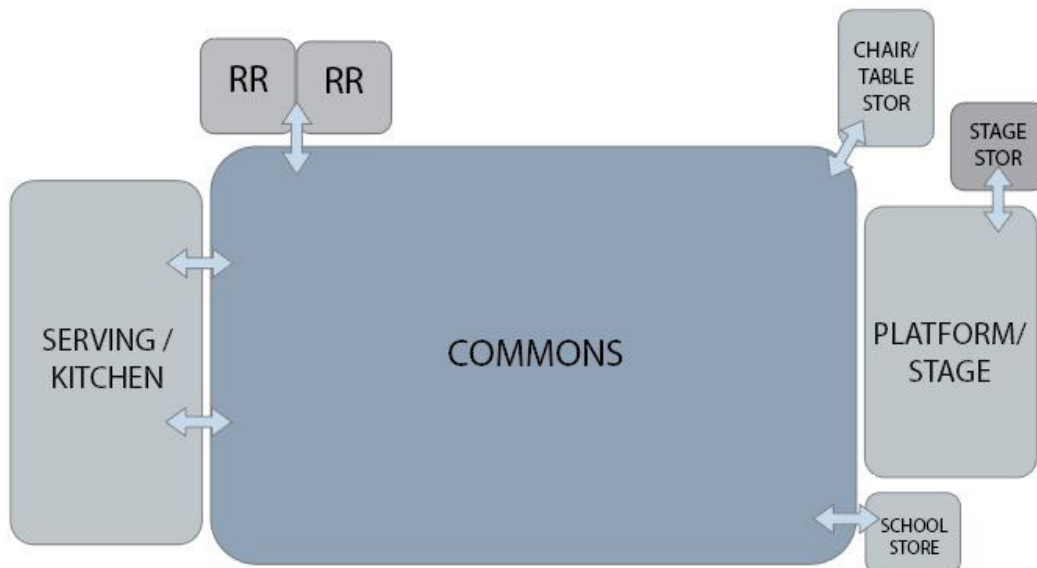
Kitchen space includes serving lines, cooking/prep areas as well as storage and main custodial spaces. As is standard throughout Fort Bend ISD, all food is prepared fresh; no order prepared or pre-cooked foods, therefore design and layout of kitchen and equipment must be coordinated and approved by FBISD Child Nutrition Department.



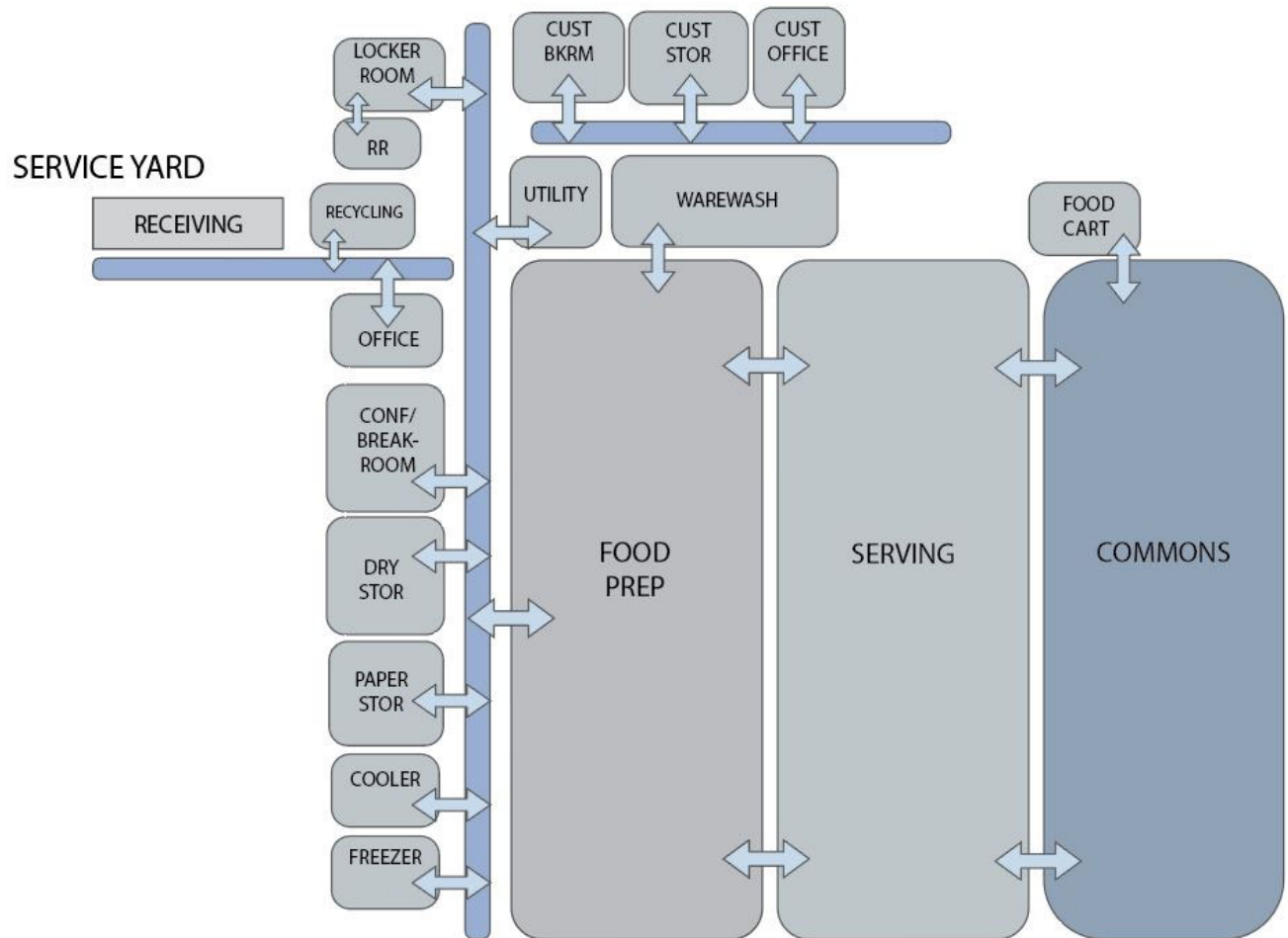
Serving and kitchen spaces should be designed in conjunction with a Food Services Consultant.

Stage and chair/table storage are also located within the cafeteria space. Serving and kitchen spaces should be designed in conjunction with a Food Service Consultant.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



CAFETERIA/KITCHEN/CUSTODIAL



CAFETERIA/KITCHEN/CUSTODIAL

3. PROGRAM OF SPACE

Space/Function	Qty	SF	Total SF	Notes
CAFETERIA / KITCHEN / ANCILLARY				
Cafeteria / Student Dining				
Cafeteria/Commons	1	8,000	8,000	
Chair/Table Storage	1	500	500	
Stage	1	1,200	1,200	
Stage Storage	1	250	250	
School Store	1	150	150	
Restrooms	2	250	500	One boy's and one girl's
Kitchen				
Serving Area	1	1,750	1,750	
Food Preparation	1	1,750	1,750	
Dry Storage	1	300	300	
Manager's Office	1	100	100	
Walk-in Cooler	1	180	180	
Walk-in Freezer	1	180	180	
Receiving Area	1	100	100	
Locker Room	1	100	100	
Staff Restroom	1	100	100	
Warewash	1	360	360	
Utility Room	1	100	100	
Service Yard	1	0	0	
Paper Storage	1	180	180	
Conference / Breakroom	1	200	200	
Food Cart Vending	1	100	100	
Ancillary / Custodial				
Custodial Breakroom	1	250	250	
Custodial Office	1	100	100	
Custodial Closets	6	60	360	Located throughout building
Custodial Storage/Receiving	1	400	400	
Recycling Storage	1	150	150	
CAFETERIA / KITCHEN / ANCILLARY SUBTOTAL:			17,360	SF

CAFETERIA/KITCHEN/CUSTODIAL

4. FINISHES

	Walls				Floor			Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Sealed Concrete	Tile	2x2 Acoustical Lay-In	Exposed	
Cafeteria / Student Dining										
Cafeteria/Commons	X				X				X	
Chair/Table Storage				X	X			X		
Stage				X	X			X		Wood Flooring
Stage Storage	X				X			X		
Student Restrooms		X					X	X		
School Store	X				X			X		
Corridors	X				X			X		
Kitchen										
Conference / Breakroom				X				X		
Dry Storage				X			X	X		
Food Cart Vending		X					X	X		
Food Preparation		X					X	X		
Serving Area		X					X	X		
Utility Room				X			X	X		
Manager's Office				X	X			X		
Paper Storage				X	X			X		
Receiving Area				X			X	X		
Locker Room				X			X	X		
Staff Restroom		X					X	X		
Walk-in Cooler & Walk-in Freezer	X						X	X		As recommended by manufacturer
Warewash		X					X		X	
Service Yard							X	X		
Corridors	X				X			X		
Ancillary / Custodial										
Custodial Breakroom	X				X			X		
Custodial Office	X				X			X		
Custodial Closets	X					X			X	
Custodial Storage				X		X			X	
Recycling Storage				X		X			X	

*All surfaces in kitchen area to be washable and comply with Fort Bend City Health Department.

Cafeteria/Commons**PROGRAM SPACES**

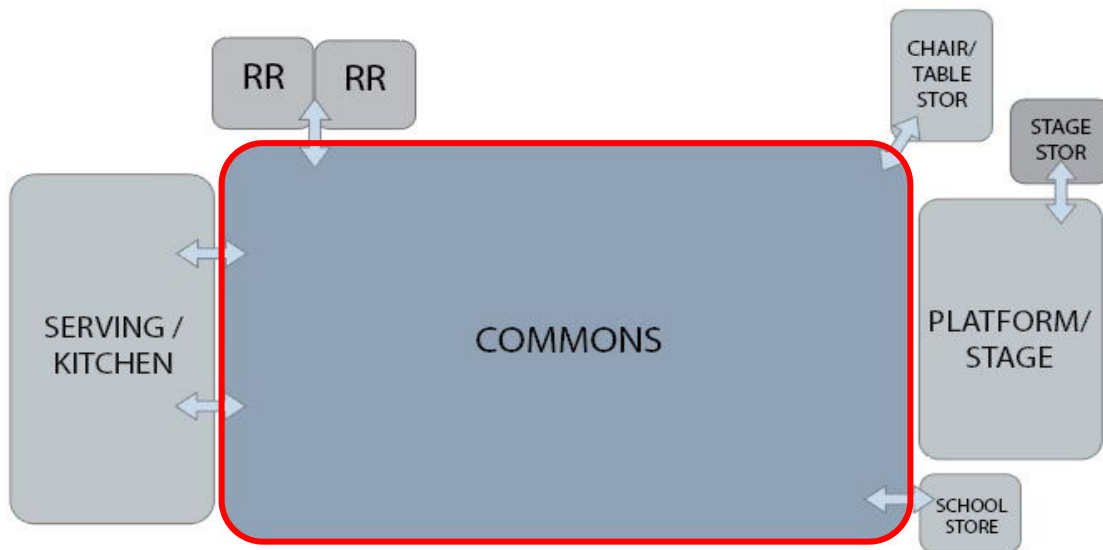
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Cafeteria/Commons	1	470 with tables & chairs; 1,000 with chairs only	8,000	8,000	Cafeteria used after hours, secure academic area with overhead gates.

PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Cafeteria is used for student dining, indoor activities, and performances for students as well as after use for PTA meetings, use by non-profit groups, etc.

SPATIAL RELATIONSHIP:

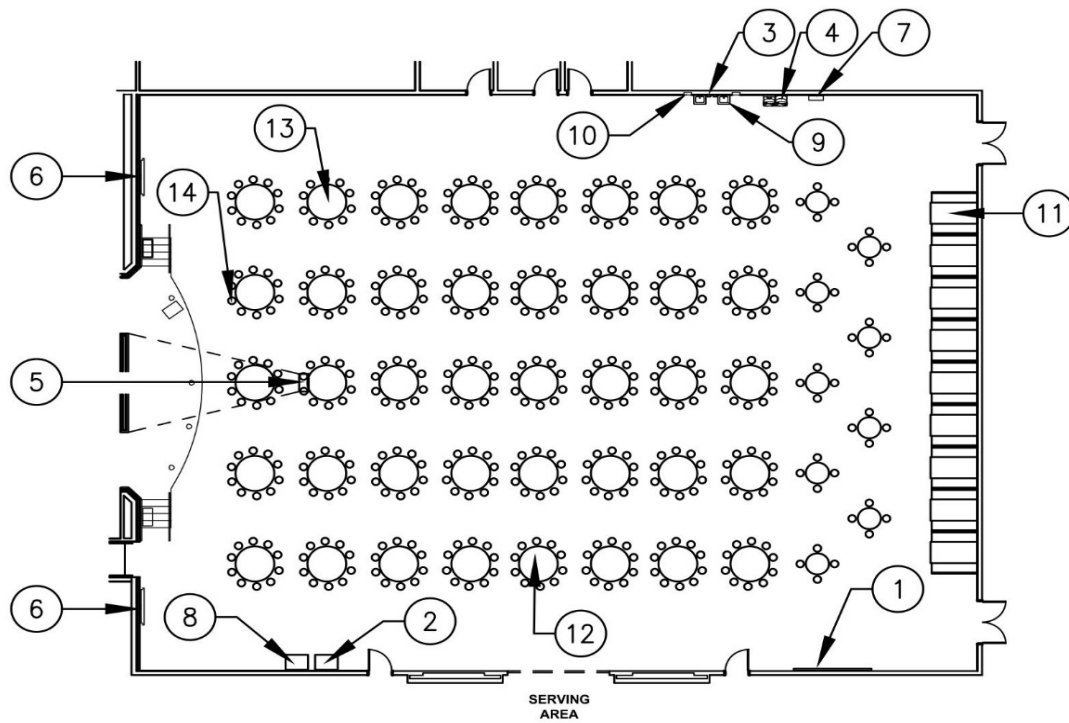
Cafeteria to be easily accessible from bus pick up area and main entry to school. Provide chair and table storage, and locate close to restrooms.

RELATIONSHIP DIAGRAM

Cafeteria/Commons

Cafeteria/Commons

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 10'	
TDLR Assistive Listening Devices	2	Based on Capacity			
Sink	3	Hand washing	2		
Drinking Fountain	4		2		
Projection Device	5	With Screen	1		
Instructional Display Technology	6		2		
DMX Controls	7		1		

Cafeteria/Commons					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Cafeteria/Gym Tool Set	8	On mobile cart	1		
Soap Dispenser	9	Contractor installed	2		
Paper Towel Dispenser	10	Contractor installed	2		
Booth Seating	11		9		
High Table and Stools	12	Counter height	9 sets		
Cafeteria Table	13		40		
Cafeteria Chairs	14		400		
Notes:					
1. Cafeteria is rented to non-profit agencies after hours per FBISD policy. 2. Utilize colors to enhance the dining experience. 3. Utilize super graphics to create visual interest. 4. Consult with acoustician during design to ensure quality of acoustical design in room.					

Chair/Table Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Chair/Table Storage	1		500	500	

PROGRAM DETAILS

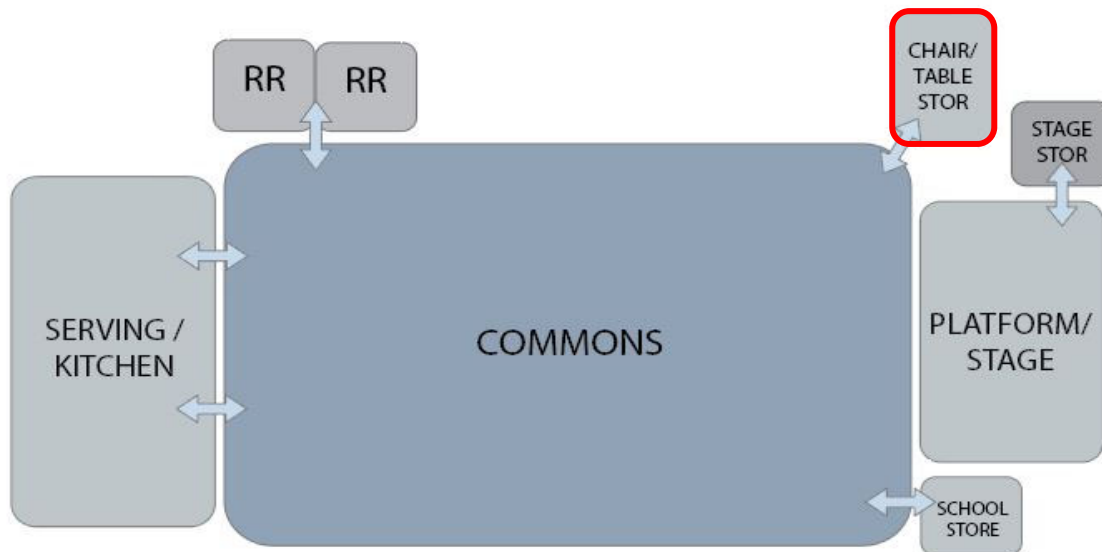
DESCRIPTION OF SPACE AND USES:

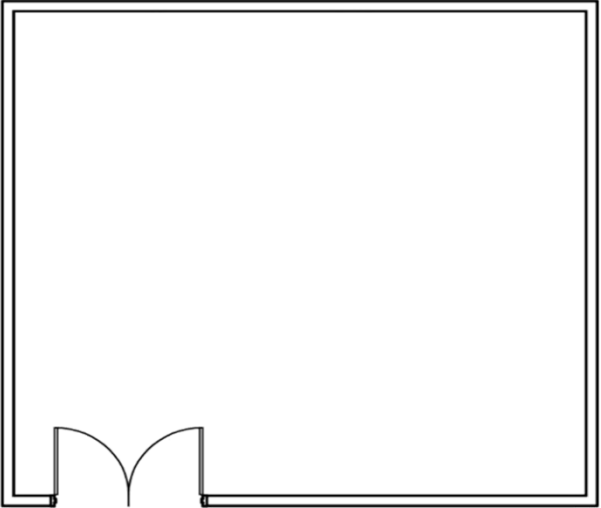
Storage of cafeteria tables and chairs.

SPATIAL RELATIONSHIP:

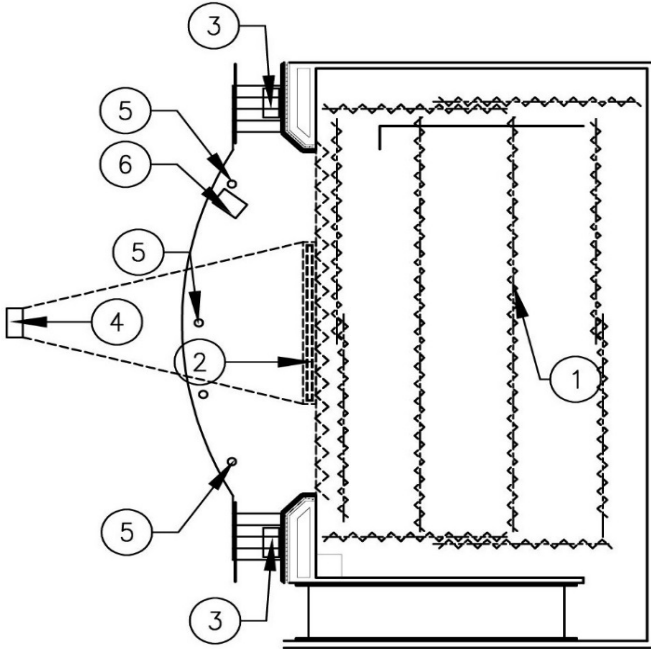
Locate directly accessible to cafeteria.

RELATIONSHIP DIAGRAM



Chair/Table Storage					
Chair/Table Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Chair dollies		Provide as needed per dolly manufacturer			
Notes:					

Stage					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Stage	1		1,200	1,200	Wood steps
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Performing arts, presentations, teaching and other ceremonial events utilize the stage.					
SPATIAL RELATIONSHIP: To be located at one end of dining space/commons.					
RELATIONSHIP DIAGRAM					

Stage					
LAYOUT					
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Stage Curtains	1	BSee notes; split	1		
Projection Screen	2		1		
Speakers	3	Wall mounted	2		
Instructional Display Technology	4	Ceiling mounted; on retractable platform	1		
Microphone Inputs	5	Locate on stage and face of stage platform	4		

Stage					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Podium	6		1		
Notes:					
1. Curtain package to include front curtain, cyclorama and three (3) valances. Confirm requirements prior to design. Curtains in the wings should be 'legs' that run parallel on a track to main curtain. All curtains to be black. 2. Platform to be approximately 36" AFF 3. Consult with acoustician during design to ensure quality of acoustics in room. 4. Provide theatrical LED stage lighting and lighting control panel per Technical Design Guidelines. 5. All walls and floor to be black. Rear curtains to be black too. 6. Blinds/window coverings should be provided in the commons for daytime performances. 7. Wood flooring on stage.					

Stage Storage					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Stage Storage	1		250	250	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Storage of props and other stage equipment.					
SPATIAL RELATIONSHIP: To be located at one side of stage. Provide tall overhead door and walk door for access.					
RELATIONSHIP DIAGRAM					
<p>The diagram illustrates the spatial relationships between various areas. A central blue rectangle is labeled 'COMMONS'. To its left is a grey rectangle labeled 'SERVING / KITCHEN', connected by two horizontal double-headed arrows. Above the 'COMMONS' area are two small grey boxes labeled 'RR', connected to the 'COMMONS' by a vertical double-headed arrow. To the right of the 'COMMONS' area are three grey boxes: 'CHAIR/ TABLE STOR' at the top, 'STAGE STOR' in the middle (highlighted with a red border), and 'PLATFORM/ STAGE' below it. These three boxes are connected to the 'COMMONS' by a vertical double-headed arrow. Below the 'PLATFORM/ STAGE' box is a small grey box labeled 'SCHOOL STORE', connected to the 'COMMONS' by a horizontal double-headed arrow.</p>					

Stage Storage					
Stage Storage					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Overhead Door	1		1		
Metal Shelving	2		11	36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

School Store

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
School Store	1		150	150	

PROGRAM DETAILS

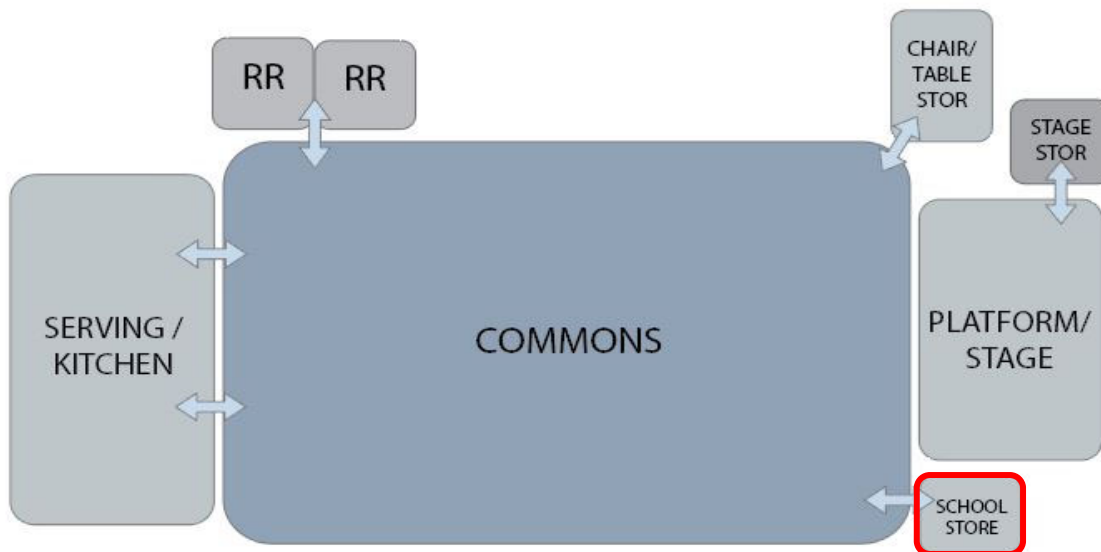
DESCRIPTION OF SPACE AND USES:

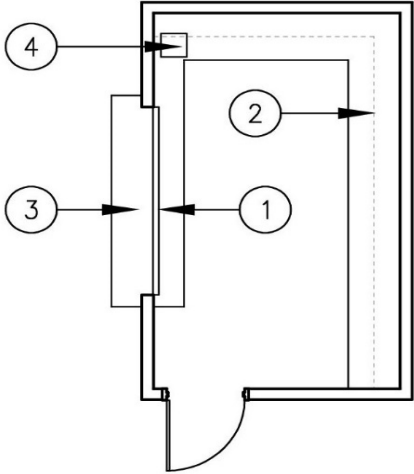
Merchandising and sales of spirit wear and supplies.

SPATIAL RELATIONSHIP:

Locate close to cafeteria, accessible from main hallway.

RELATIONSHIP DIAGRAM



School Store					
School Store					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Overhead Counter Door	1		1		
Upper and Lower Cabinets	2		1		
Transaction Counter	3		1	14" deep	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Office Tool Set	4		1		
Notes:					

Restrooms**PROGRAM SPACES**

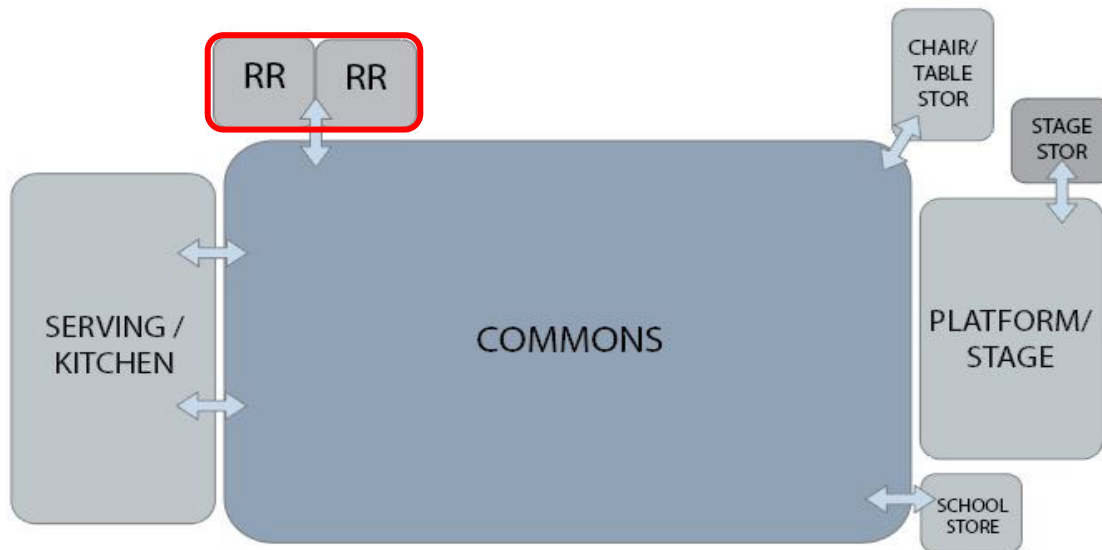
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Restrooms	2		250	500	One set for girls, one for boys

PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Restrooms for cafeteria/commons area during and after hours use.

SPATIAL RELATIONSHIP:

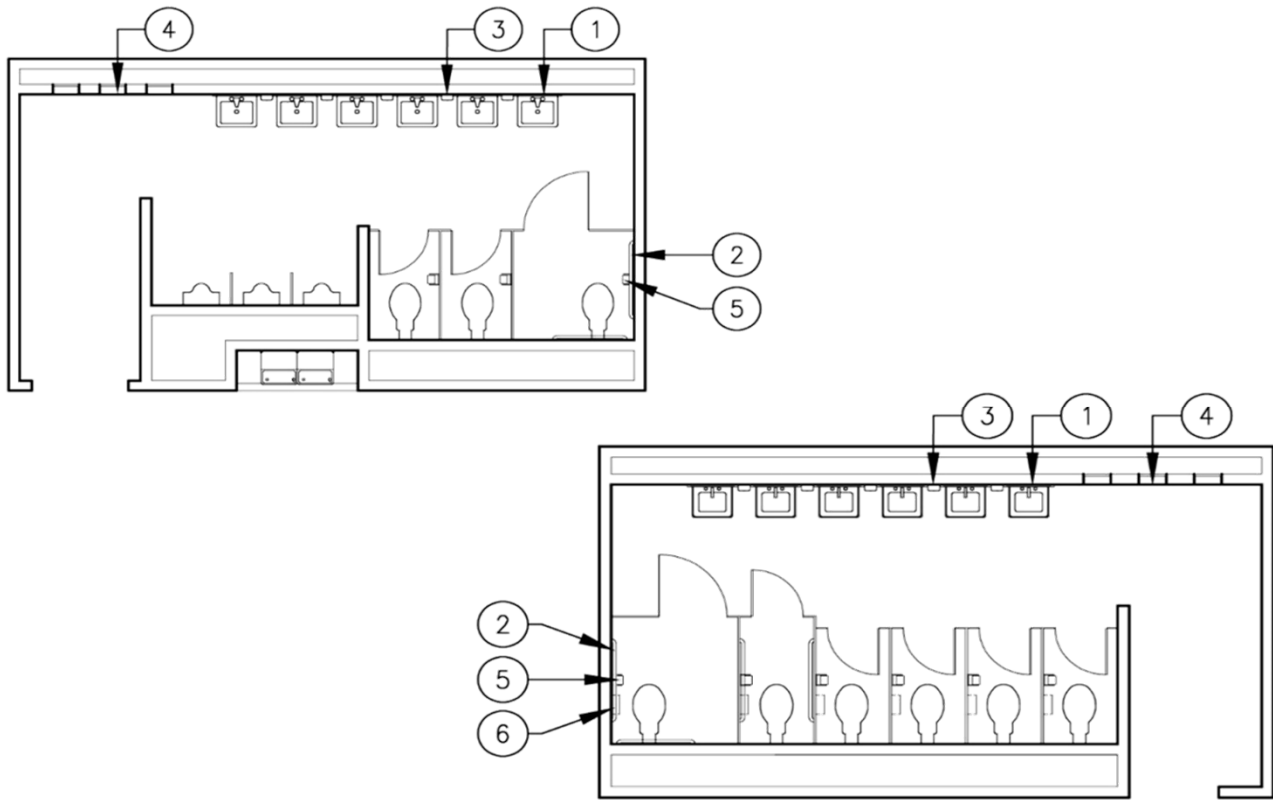
Locate by cafeteria directly off main hallway.

RELATIONSHIP DIAGRAM

Restrooms

Restrooms

LAYOUT



Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		1		
Grab Bars	2		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	3	Contractor installed	5		
Paper Towel Dispenser	4	Contractor installed	3		
Toilet Paper Dispenser	5	Contractor installed	6		
Feminine Napkin Disposal (Girls Only)	6	Contractor installed	6		

Notes:

1. Two stalls (minimum) per restroom.

Serving Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Serving Area	1		1,750	1,750	

PROGRAM DETAILS

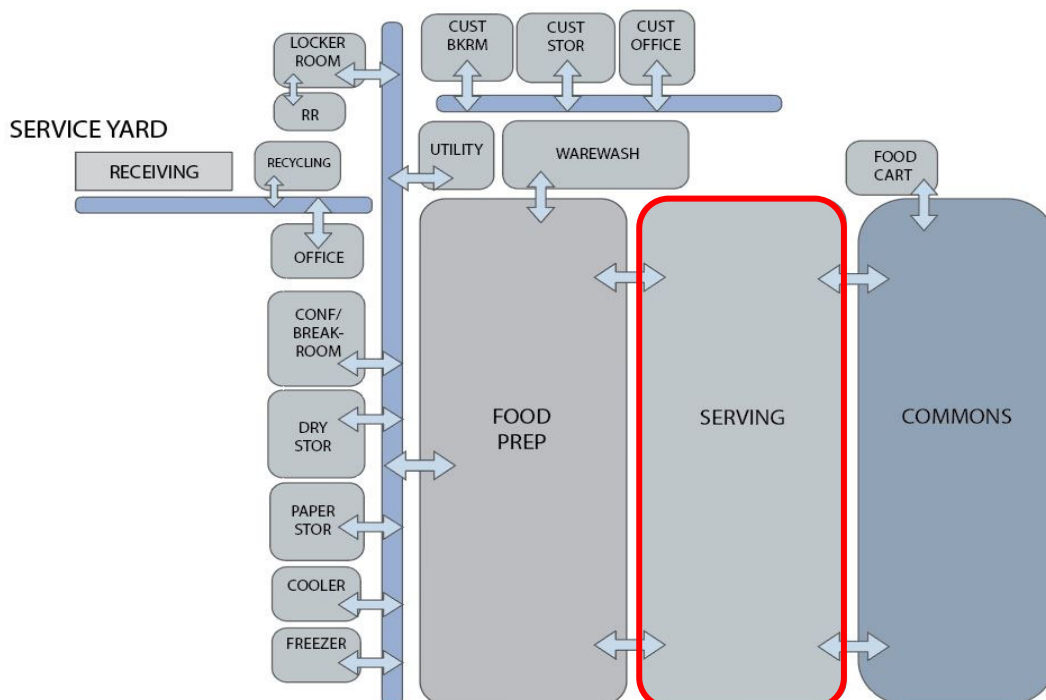
DESCRIPTION OF SPACE AND USES:

Dispensing of food, receipt of payment

SPATIAL RELATIONSHIP:

To be located between kitchen and cafeteria. Area between serving lines and kitchen preparation area should be open.

RELATIONSHIP DIAGRAM



Serving Area

Serving Area

LAYOUT

EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

IN CONTRACT / CONTRACTOR PROVIDED

Serving Lines	1	Entrances to lines on opposite sides with exits adjacent to each other, with cashiers next to each other. No scatter system allowed. Provide pony walls at serving lines. By consultant.	4	Tray rail to be 26" wide	
Sink	2		2		
Kitchen Menu System Device	3	Locate above food service equipment. Confirm locations with FBISD Child Nutrition Department.	5		
Overhead Grilles	4		2		

					Serving Area
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	5	Contractor installed	2		
Paper Towel Dispenser	6	Contractor installed	2		
POS Registers	7	POS, Cashier, etc.	4		
Notes:					
<p>1. Layout of kitchen and equipment must be coordinated and approved by FBISD Child Nutrition Department. Shop Drawings for all equipment in the kitchen must be reviewed with FBISD Child Nutrition Department prior to approval. No changes to the kitchen layout shall be made without FBISD Child Nutrition Department approval.</p> <p>2. Provide cameras in point of sale (POS) locations.</p> <p>3. Provide robust Wi-Fi access.</p>					

Food Preparation

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Food Preparation	1		1,750	1,750	

PROGRAM DETAILS

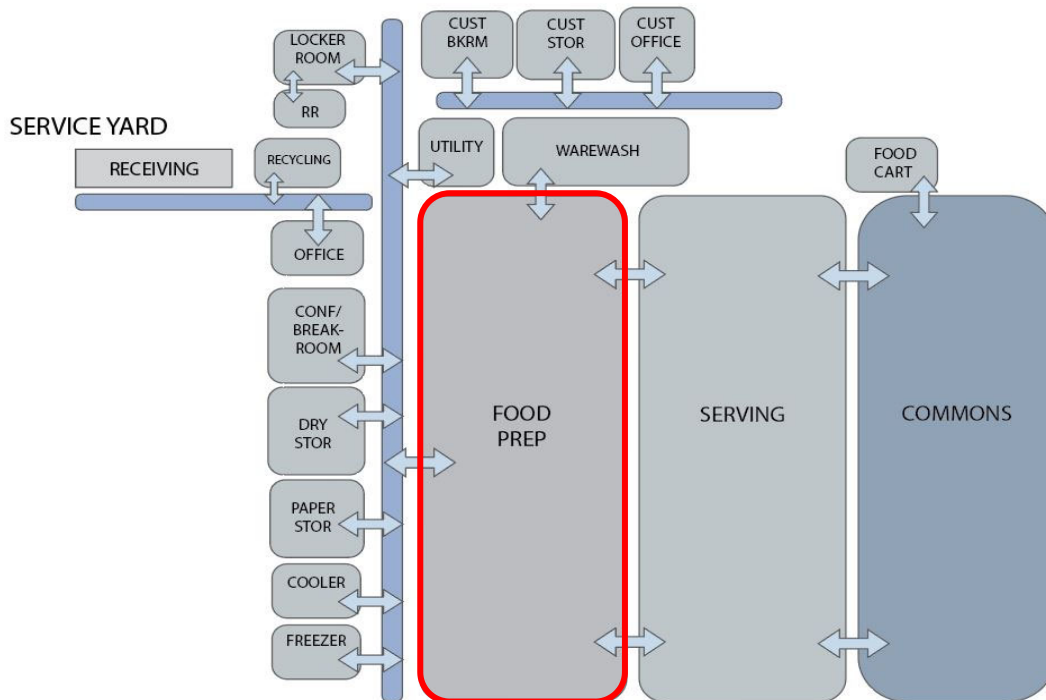
DESCRIPTION OF SPACE AND USES:

Preparing food for staff/students. Per FBISD requirements, all food is prepared fresh; no prepared or pre-cooked foods.

SPATIAL RELATIONSHIP:

To be located in kitchen behind serving lines.

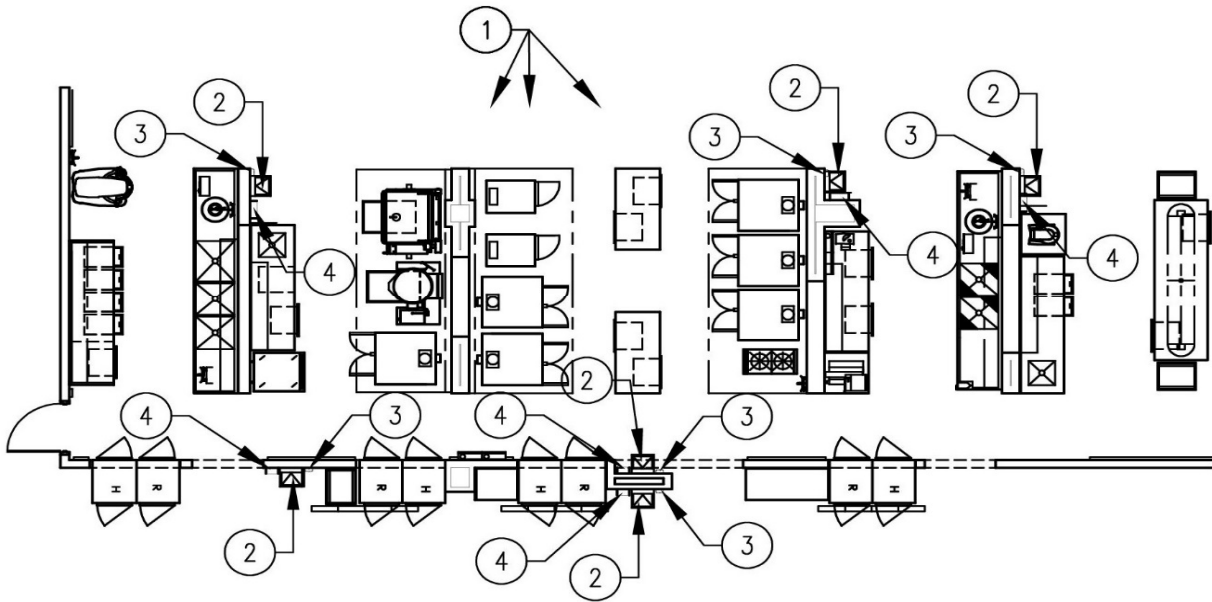
RELATIONSHIP DIAGRAM



Food Preparation

Food Preparation

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

IN CONTRACT / CONTRACTOR PROVIDED

Food Service Equipment	1	By consultant			
Sink	2	Hand washing	5		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

NOT IN CONTRACT / OWNER PROVIDED

Soap Dispenser	3	Contractor installed	5		
Paper Towel Dispenser	4	Contractor installed	5		

Notes:

1. Layout of kitchen and equipment must be coordinated and approved by FBISD Child Nutrition Department. Shop Drawings for all equipment in the kitchen must be reviewed with FBISD Child Nutrition Department prior to approval. No changes to the kitchen layout shall be made without FBISD Child Nutrition Department approval.

2. Provide cameras in production/preparation area.

3. Provide robust Wi-Fi access.

Dry Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Dry Storage	1		300	300	

PROGRAM DETAILS

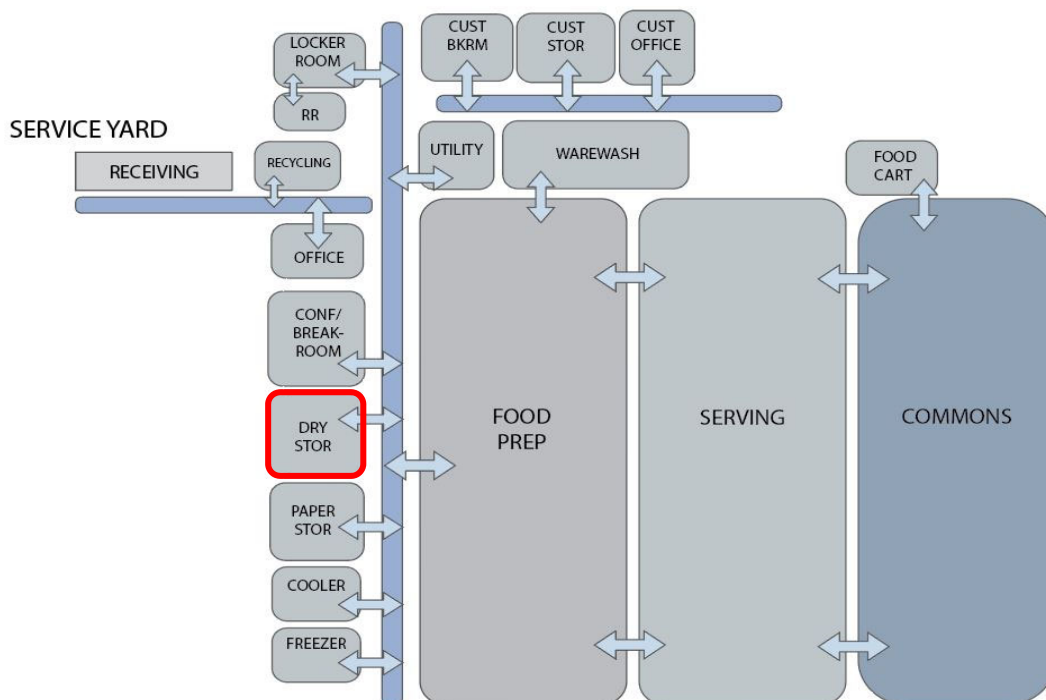
DESCRIPTION OF SPACE AND USES:

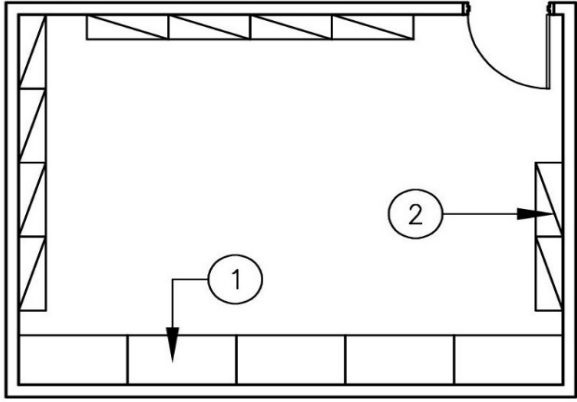
Storing of non-perishable goods and foods.

SPATIAL RELATIONSHIP:

To be located behind Food Preparation, by Freezer/Cooler units.

RELATIONSHIP DIAGRAM



Dry Storage					
Dry Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Dunnage Racks	1	Line wall	1		
Metal Shelving	2			36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					
1. Layout of kitchen and equipment must be coordinated and approved by FBISD Child Nutrition Department. Shop Drawings for all equipment in the kitchen must be reviewed with FBISD Child Nutrition Department prior to approval. No changes to the kitchen layout shall be made without FBISD Child Nutrition Department approval.					

Manager's Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Manager's Office	1		100	100	

PROGRAM DETAILS

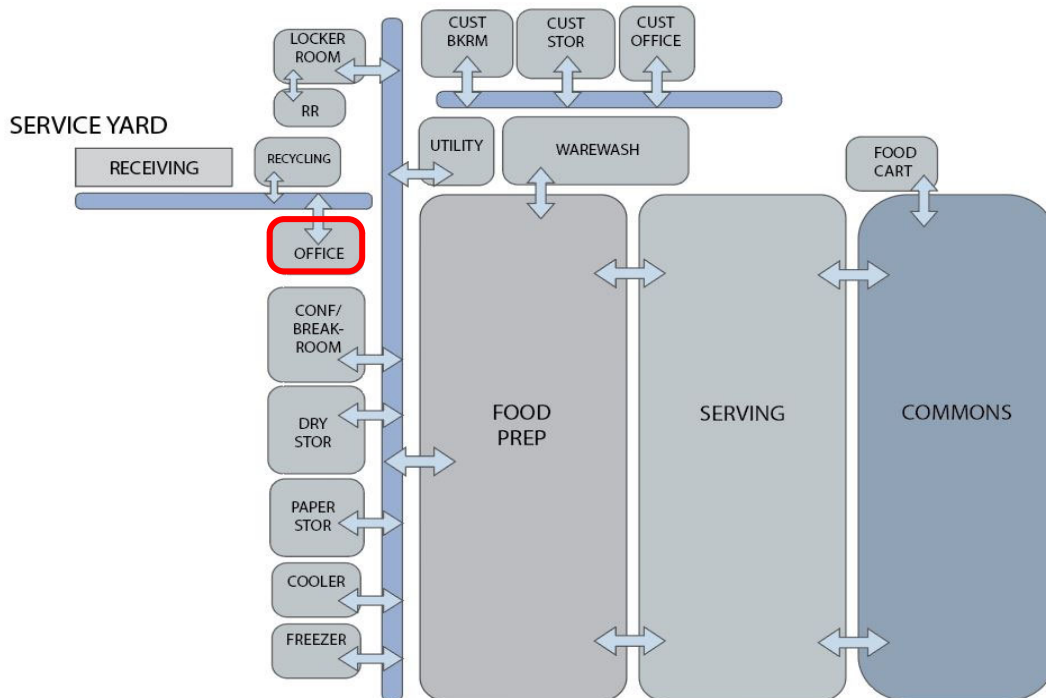
DESCRIPTION OF SPACE AND USES:

Office space for Kitchen Manager, communications with central Child and Nutritional offices. Space used to supervise kitchen and receiving areas.

SPATIAL RELATIONSHIP:

To be located at rear of kitchen with view of receiving door.

RELATIONSHIP DIAGRAM



Manager's Office					
Manager's Office					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Built-in Desk	1	For two	1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Office Tool Set	2		1		
Safe	3		1		
Vertical File Cabinet Drawers	4		2		
Task Chair	5		2		
Notes:					
1. Provide window for supervision.					

Walk-in Cooler and Walk-in Freezer

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Walk-in Cooler and Walk-in Freezer	2		180	360	

PROGRAM DETAILS

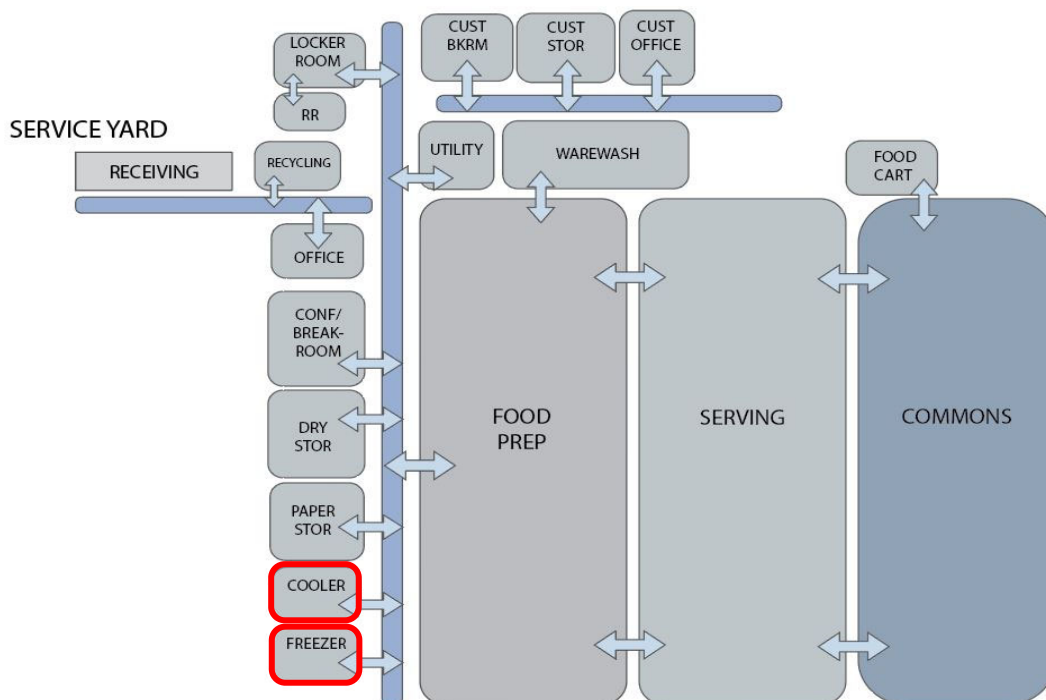
DESCRIPTION OF SPACE AND USES:

Keeping perishable goods and foods cold.

SPATIAL RELATIONSHIP:

To be located in kitchen by Walk In Freezer

RELATIONSHIP DIAGRAM

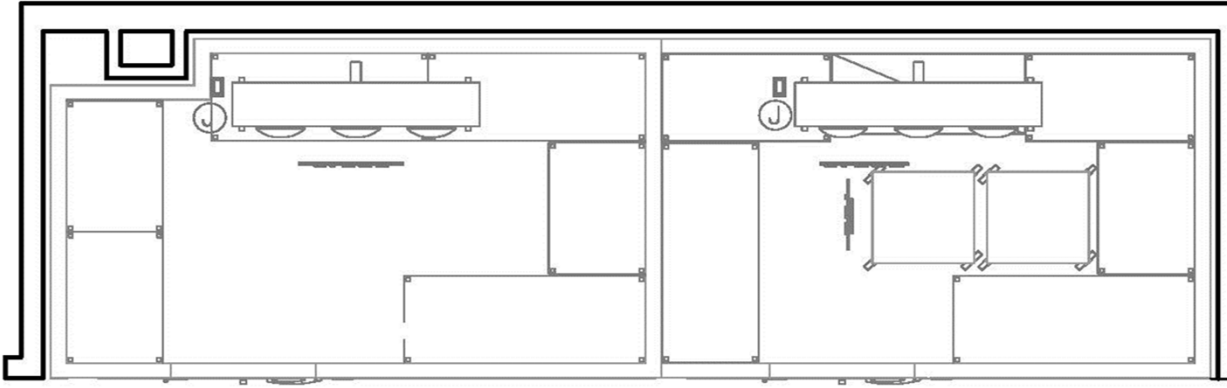


Walk-in Cooler and Walk-in Freezer

LAYOUT

Walk-in Cooler and Walk-in Freezer

Per manufacturer recommendations.



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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IN CONTRACT / CONTRACTOR PROVIDED

Freezer and Cooler Units	1	By consultant	1 ea		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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NOT IN CONTRACT / OWNER PROVIDED

Notes:

1. Layout of kitchen and equipment must be coordinated and approved by FBISD Child Nutrition Department. Shop Drawings for all equipment in the kitchen must be reviewed with FBISD Child Nutrition Department prior to approval. No changes to the kitchen layout shall be made without FBISD Child Nutrition Department approval.

Receiving Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Receiving Area	1		100	100	Peephole and doorbell required at delivery door.

PROGRAM DETAILS

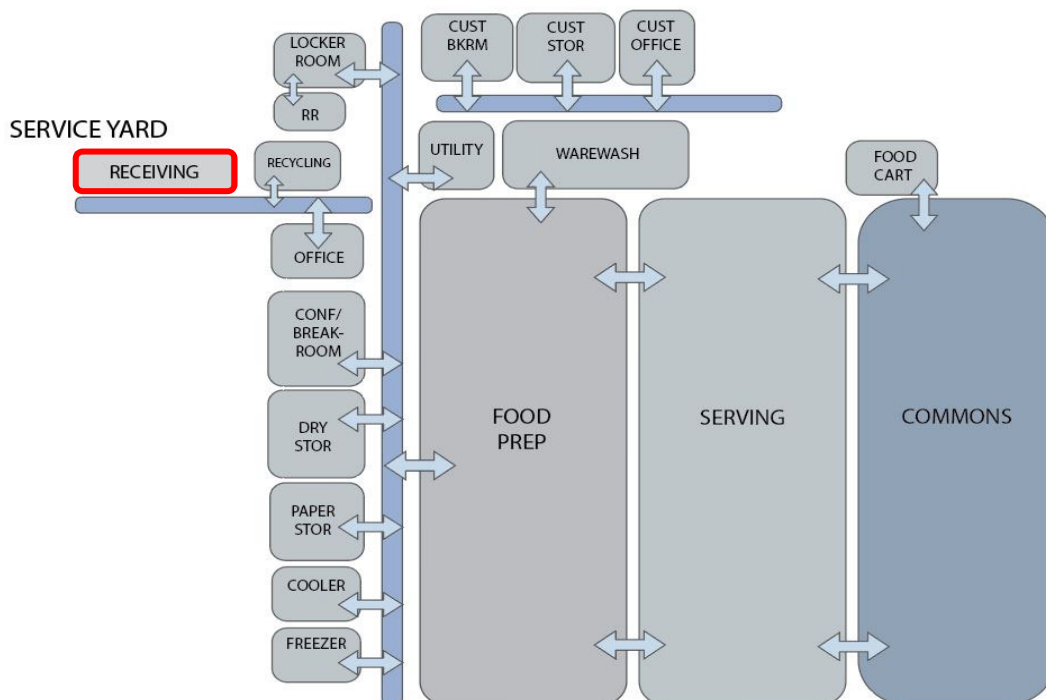
DESCRIPTION OF SPACE AND USES:

Delivery of goods and food for kitchen and custodial use.

SPATIAL RELATIONSHIP:

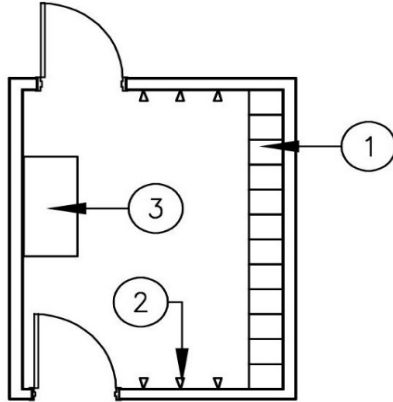
To be located within 6' of the delivery truck bed in service yard.

RELATIONSHIP DIAGRAM



Receiving Area					
Receiving Area					LAYOUT
<p>The diagram illustrates a receiving area layout. It features a central door opening. Above the door is a canopy (1). To the left of the door is a peephole (2). To the right of the door is a doorbell (3). Below the door, on the left side, is a hose bibb (4). Below the door, in the center, is a time clock (5). Below the door, on the right side, is an air curtain (6). The layout is symmetrical around the central door.</p>					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Canopy	1		1		
Peephole	2		1		
Doorbell	3		1		
Hose Bibb	4		1		
Time Clokc	5		1		
Air Curtain	6	By consultant	1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					
1. Provide canopy over exterior door.					

Locker Room					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Locker Room	1		100	100	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Temporary storage of kitchen and custodial staff personal belongings.					
SPATIAL RELATIONSHIP: To be located close to restroom.					
RELATIONSHIP DIAGRAM					

Locker Room					
Locker Room					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Lockers	1	Double Tier	18	15"D x 12"W x 5'H	
Hooks	2		6	48" AFF	
ADA Bench	3		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Staff Restroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Staff Restroom	1		100	100	

PROGRAM DETAILS

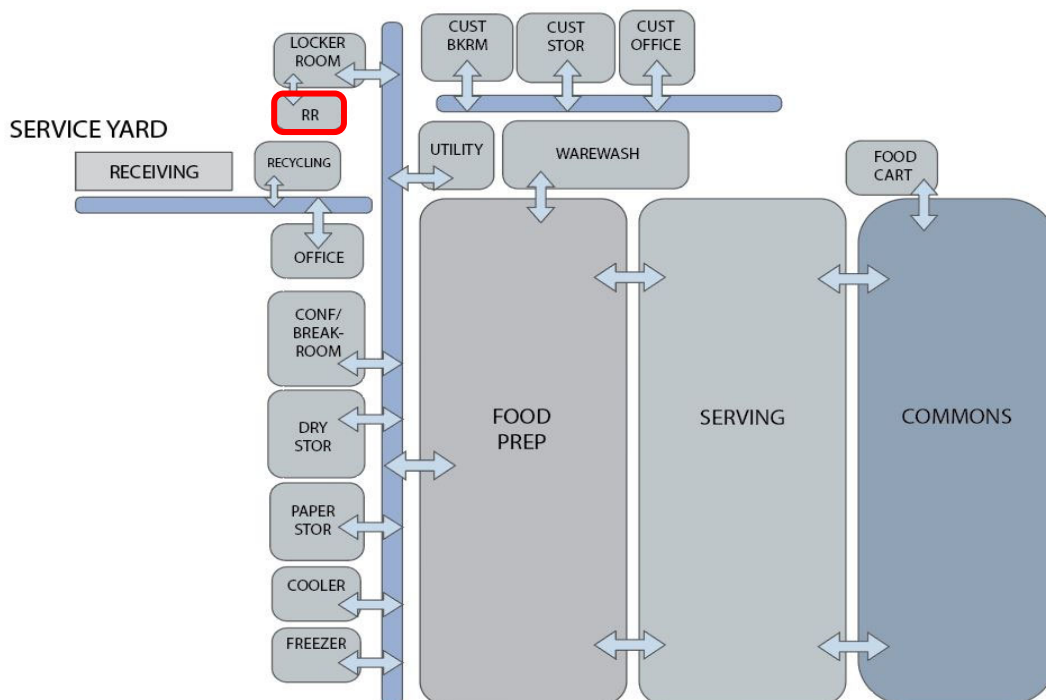
DESCRIPTION OF SPACE AND USES:

Single user restroom for kitchen and custodial staff.

SPATIAL RELATIONSHIP:

Adjacent to locker room in kitchen/custodial area.

RELATIONSHIP DIAGRAM



Staff Restroom					
Staff Restroom		LAYOUT			
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Sink	1		1		
Mirror	2		1		
Grab Bars	3		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Feminine Napkin Disposal	4	Contractor installed	1		
Toilet Paper Dispenser	5	Contractor installed	1		
Soap Dispenser	6	Contractor installed	1		
Paper Towel Dispenser	7	Contractor installed	1		
Notes:					

Warewash

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Warewash	1		360	360	Alcove in cafeteria into warewash for tray return and four trashcans.

PROGRAM DETAILS

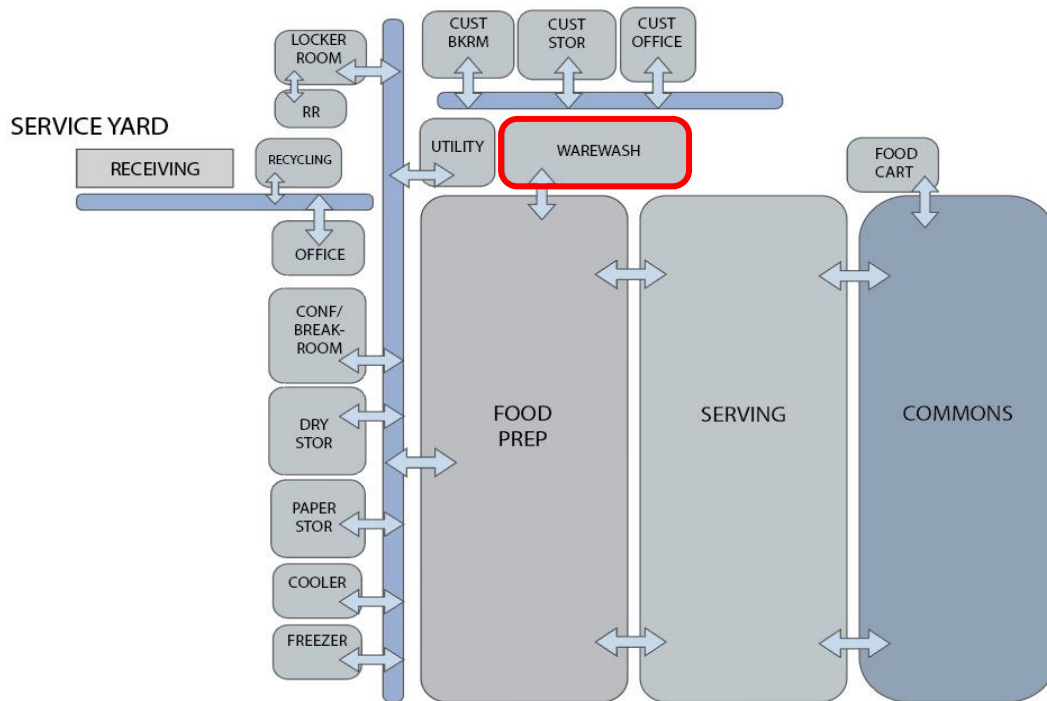
DESCRIPTION OF SPACE AND USES:

Washing of pots, pans and other food preparation utensils.

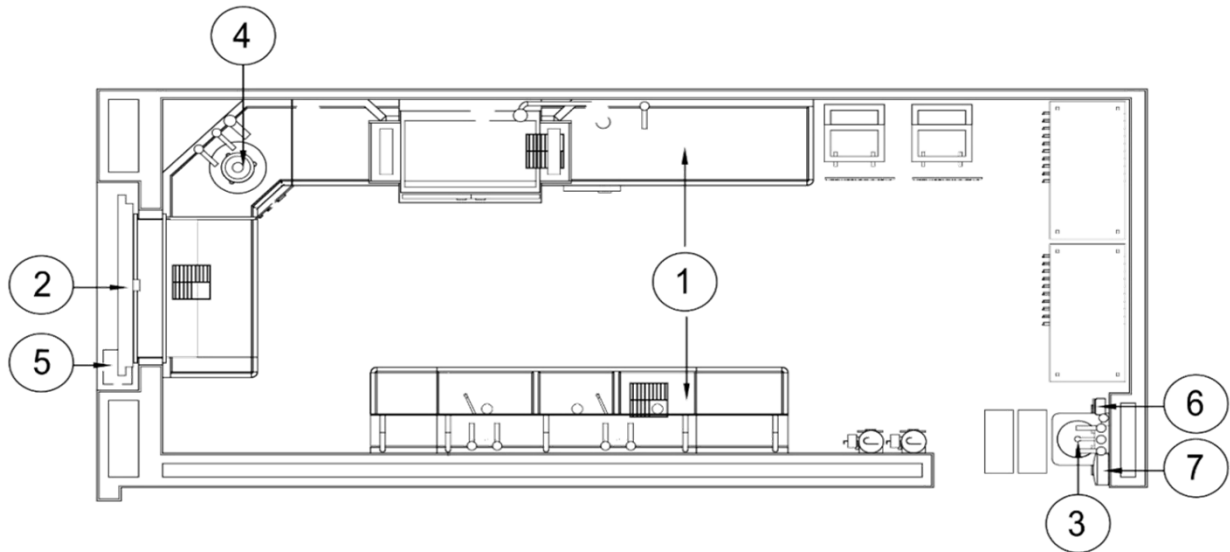
SPATIAL RELATIONSHIP:

To be located in kitchen area adjacent to cafeteria.

RELATIONSHIP DIAGRAM



	Warewash
Warewash	LAYOUT

**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Warewash Equipment	1				
Overhead Counter Door	2		1		
Sink	3	Hand washing	1		
Floor Sink	4	With disposer	1		
Silverware Drop	5		1		
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	6	Contractor installed	1		
Paper Towel Dispenser	7	Contractor installed	1		

Notes:

1. Layout of kitchen and equipment must be coordinated and approved by FBISD Child Nutrition Department. Shop Drawings for all equipment in the kitchen must be reviewed with FBISD Child Nutrition Department prior to approval. No changes to the kitchen layout shall be made without FBISD Child Nutrition Department approval.

2. Provide an alcove for tray return in the cafeteria outside the dish return to accommodate four (4) trashcans.

Utility Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Utility Room	1		100	100	

PROGRAM DETAILS

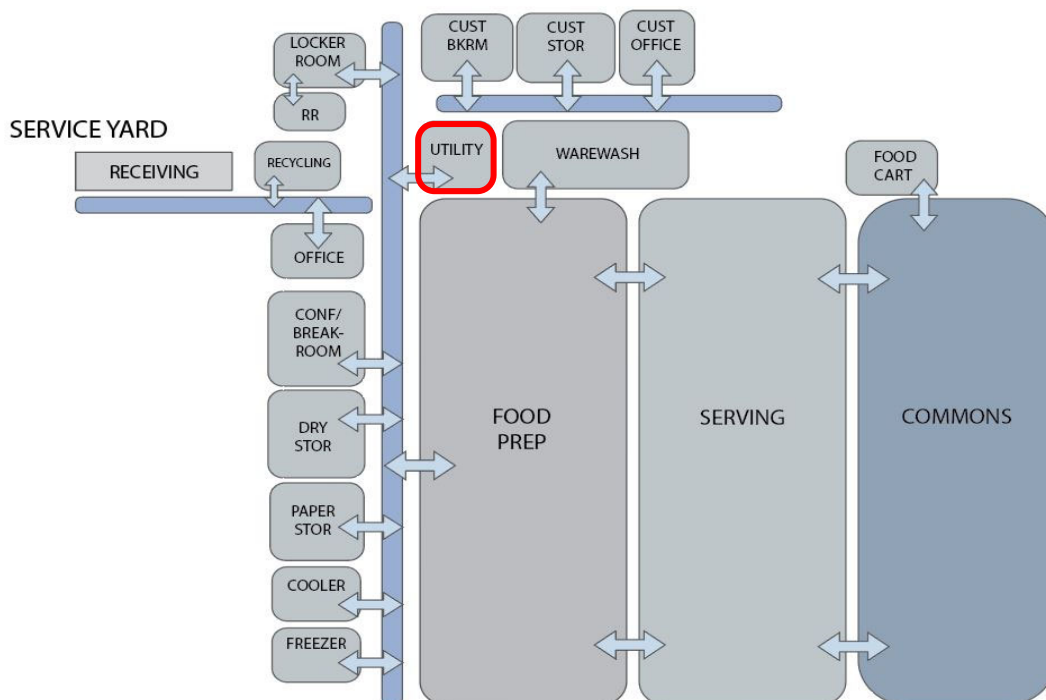
DESCRIPTION OF SPACE AND USES:

Washing/drying - this room for use by kitchen personnel only.

SPATIAL RELATIONSHIP:

To be located in rear of kitchen area, near exit.

RELATIONSHIP DIAGRAM



Utility Room					
Utility Room					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Commercial Washer	1		1		
Commercial Dryer	2		1		
Mop sink	3	With drain	1		
Mop Rack	4		1		
Metal Shelving	5		1	36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Table	6		1		
Chemical Dispenser	7		1		
Notes:					

Service Yard

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Service Yard	1			0	

PROGRAM DETAILS

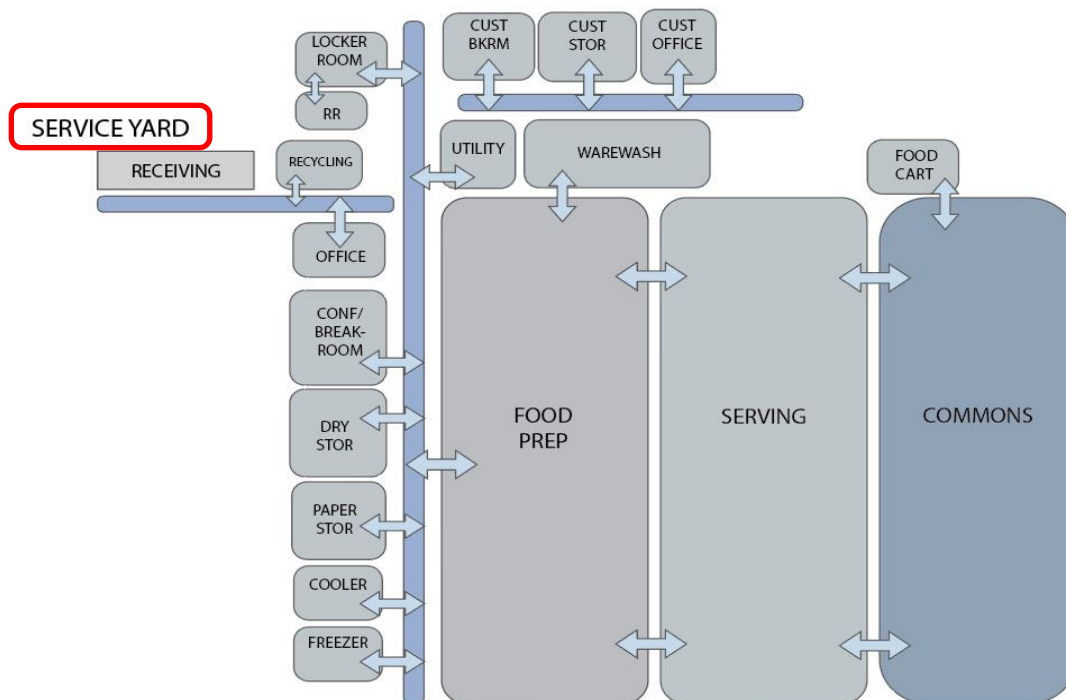
DESCRIPTION OF SPACE AND USES:

Receiving deliveries, trash disposal, and recycling.

SPATIAL RELATIONSHIP:

Locate adjacent to receiving.

RELATIONSHIP DIAGRAM



Service Yard					
Service Yard					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Rolling Gate	1		1		
Dumpsters	2	Confirm number	2		
Drain	3		1		
Gate	4		1		
Hose Bibb	5		1		
Trench Drain	6		1		
Removable Bollards	7		10		
Transformer	8	Coordinate with utility	1		
Gas Meter	9	Coordinate with utility	1		
Condensing Unit	10	Coordinate with Food Service Consultant	1		
Recycle	11		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Paper Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Paper Storage	1		180	180	

PROGRAM DETAILS

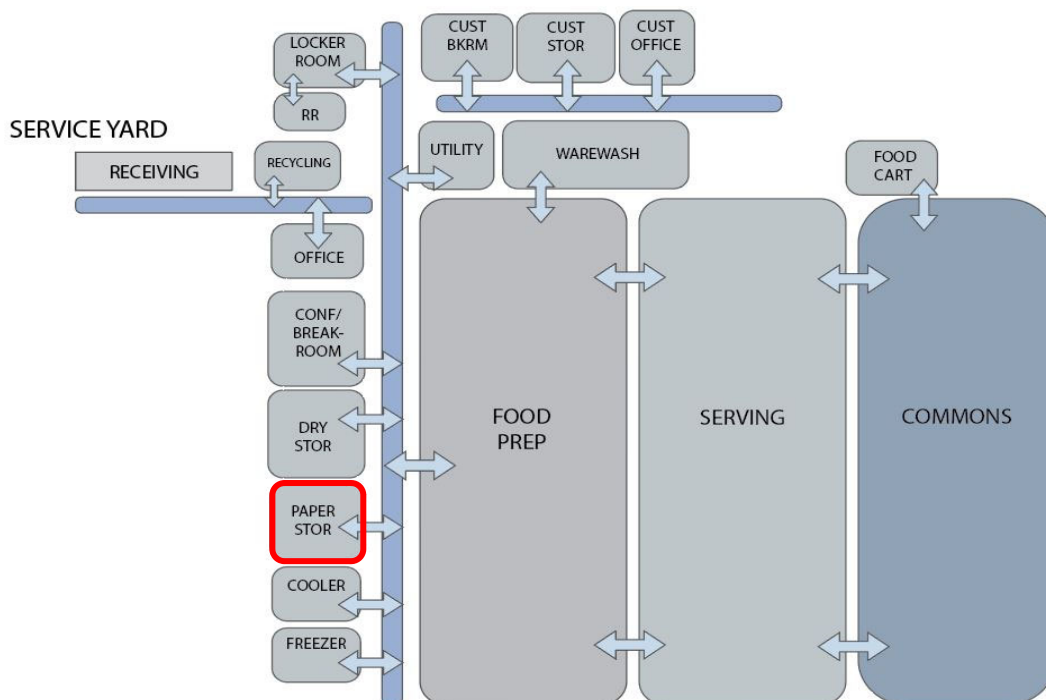
DESCRIPTION OF SPACE AND USES:

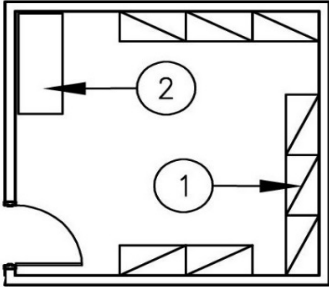
Storage of paper goods/products.

SPATIAL RELATIONSHIP:

Locate in kitchen area.

RELATIONSHIP DIAGRAM



Paper Storage					
Paper Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1			36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Table	2		1		
Notes:					
1. Layout of kitchen and equipment must be coordinated and approved by FBISD Child Nutrition Department. Shop Drawings for all equipment in the kitchen must be reviewed with FBISD Child Nutrition Department prior to approval. No changes to the kitchen layout shall be made without FBISD Child Nutrition Department approval.					

Kitchen Breakroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Kitchen Breakroom	1		200	200	

PROGRAM DETAILS

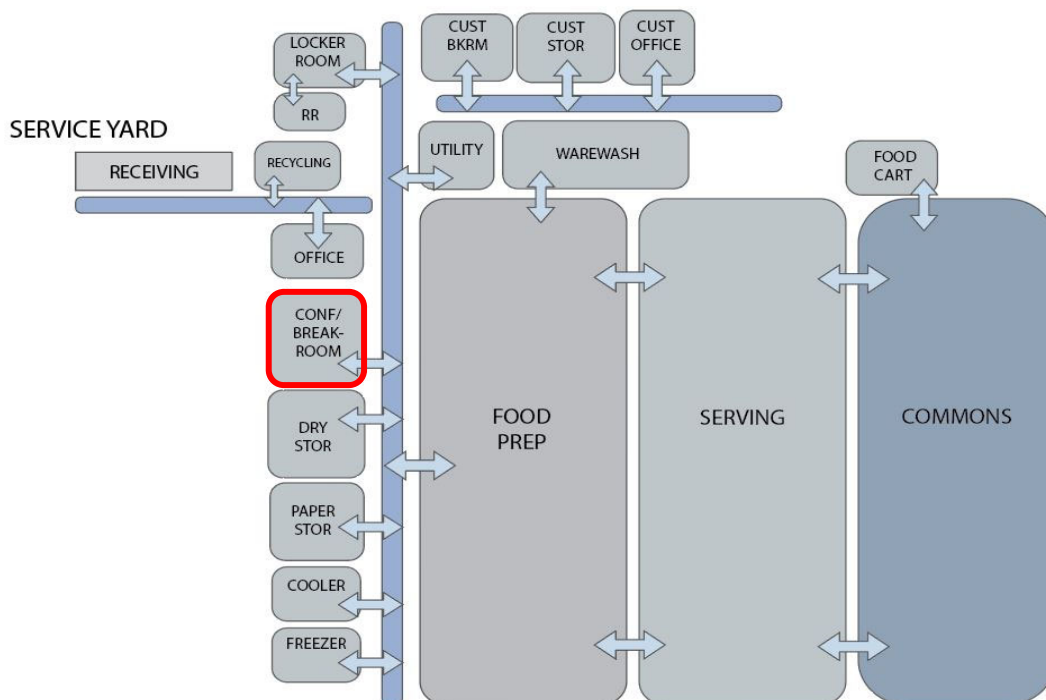
DESCRIPTION OF SPACE AND USES:

Breakroom for staff; space for kitchen staff to eat and work.

SPATIAL RELATIONSHIP:

To be located adjacent to the Kitchen area.

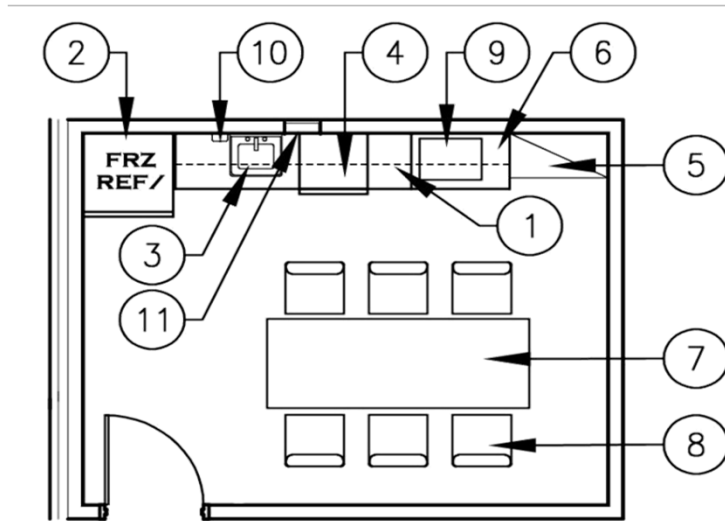
RELATIONSHIP DIAGRAM



Kitchen Breakroom

Kitchen Breakroom

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

IN CONTRACT / CONTRACTOR PROVIDED

Upper and Lower Cabinets	1		1		
Refrigerator	2		1		
Sink	3		1		
Ice Machine	4	Under Counter			
Metal Shelf	5		1		
Knee Space	6		1		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

NOT IN CONTRACT / OWNER PROVIDED

Table	7		1		
Chair	8		6		
Microwave	9		1		
Soap Dispenser	10	Contractor installed	1		
Paper Towel Dispenser	11	Contractor installed	1		

Notes:

Food Cart Vending

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Food Cart Vending	1		100	100	

PROGRAM DETAILS

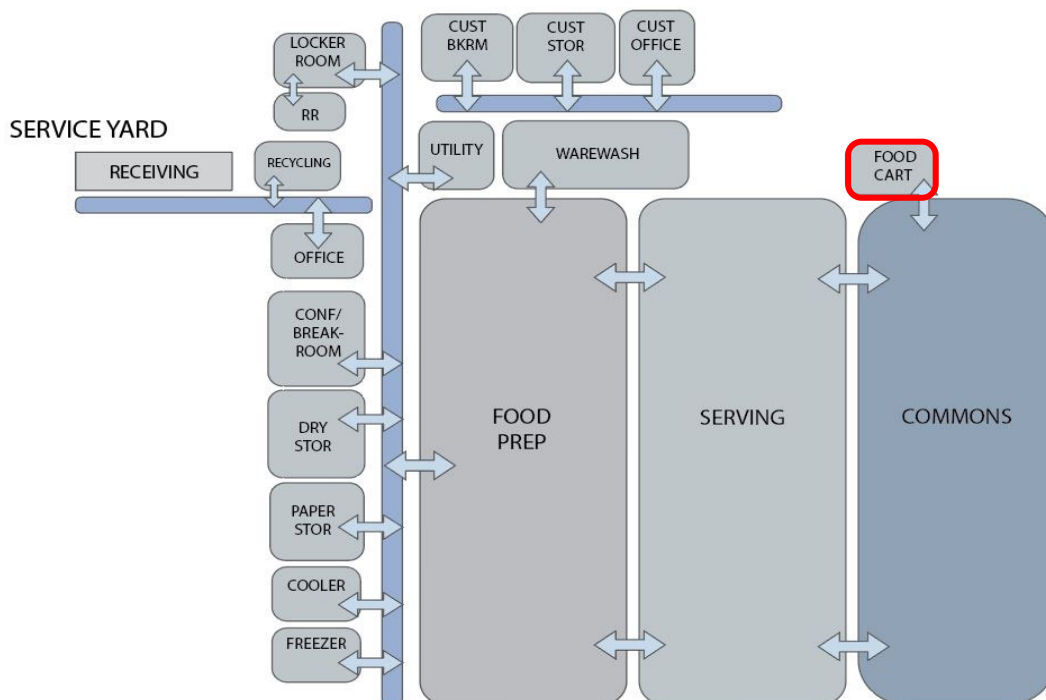
DESCRIPTION OF SPACE AND USES:

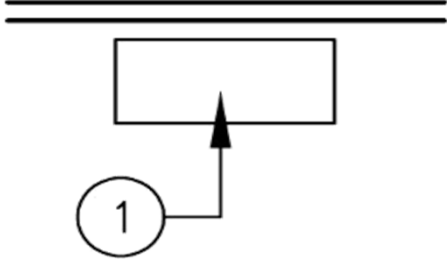
Serves as additional food line for special events.

SPATIAL RELATIONSHIP:

Locate in dining area adjacent to Serving Lines.

RELATIONSHIP DIAGRAM



Food Cart Vending					
Food Cart Vending					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mobile Food Cart	1	By consultant	1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					
1. Provide cameras in production/preparation area.					
2. Provide robust Wi-Fi access.					

Custodial Breakroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Custodial Breakroom	1		250	250	

PROGRAM DETAILS

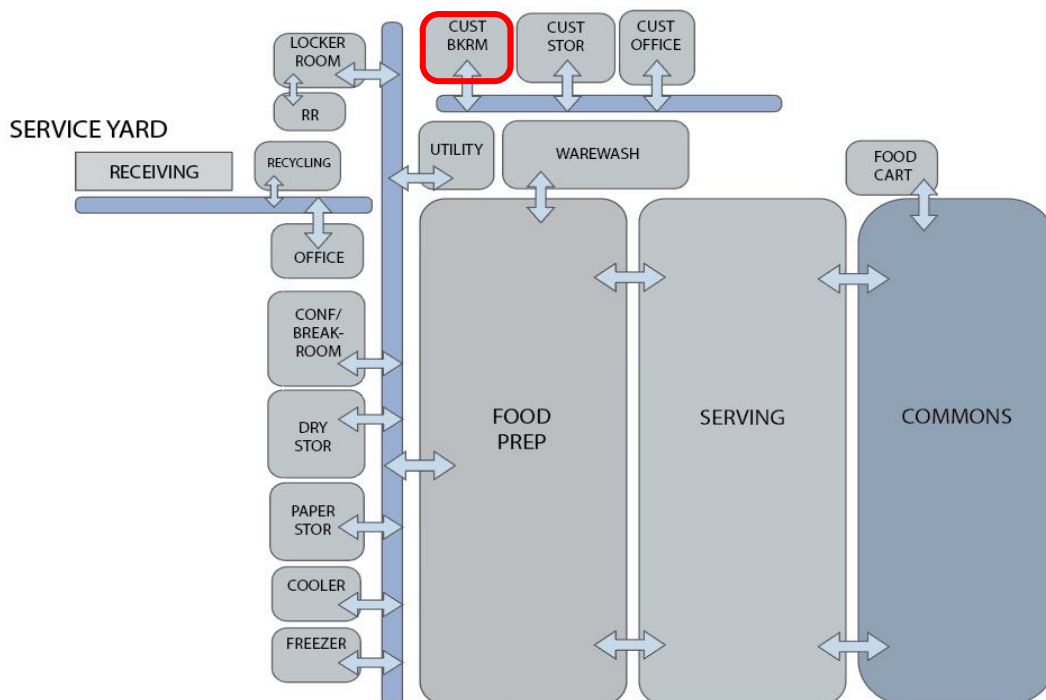
DESCRIPTION OF SPACE AND USES:

Breakroom for staff; space for custodial staff to eat and work.

SPATIAL RELATIONSHIP:

To be located adjacent to the Custodian Office.

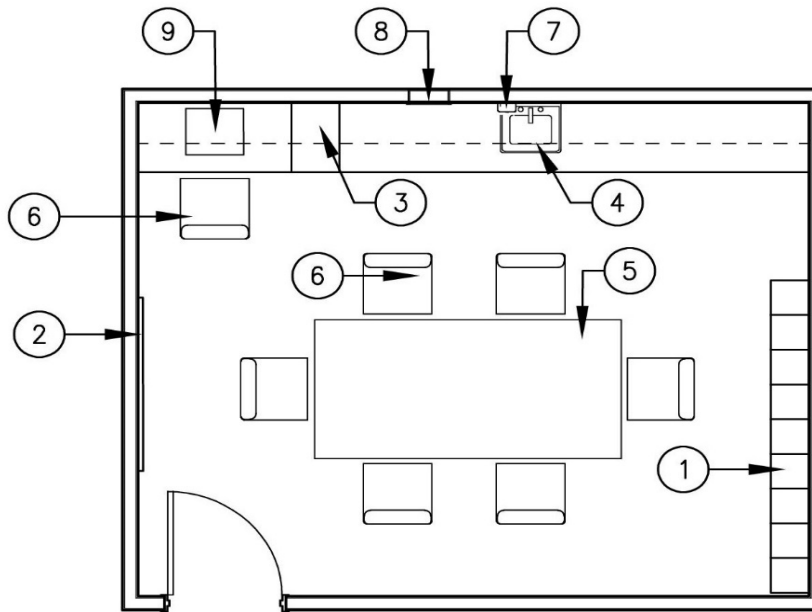
RELATIONSHIP DIAGRAM



Custodial Breakroom

Custodial Breakroom

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Lockers	1	Double Tier	18	15"D x 12"W x 5'H	
Markerboard	2		1	5' x 10'	
Upper and Lower Cabinets	3	Line one wall			
Sink	4		1		
NOT IN CONTRACT / OWNER PROVIDED					
Table	5		1		
Chair	6		7		
Soap Dispenser	7	Contractor installed	1		
Paper Towel Dispenser	8	Contractor installed	1		
Office Tool Set	9		1		

Notes:

1. Provide one touch down station for staff.

Custodial Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Custodial Office	1		100	100	

PROGRAM DETAILS

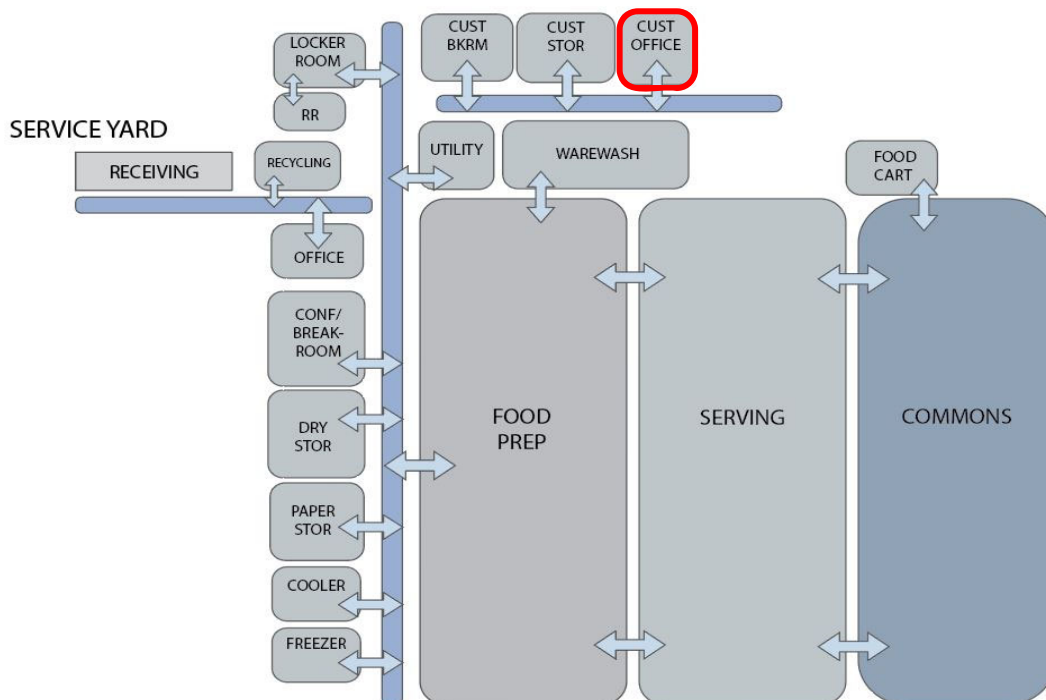
DESCRIPTION OF SPACE AND USES:

Office space for Custodial Manager; meetings with staff, etc.

SPATIAL RELATIONSHIP:

To be located in close proximity to Cafeteria with adjoining custodial break room and storage nearby.

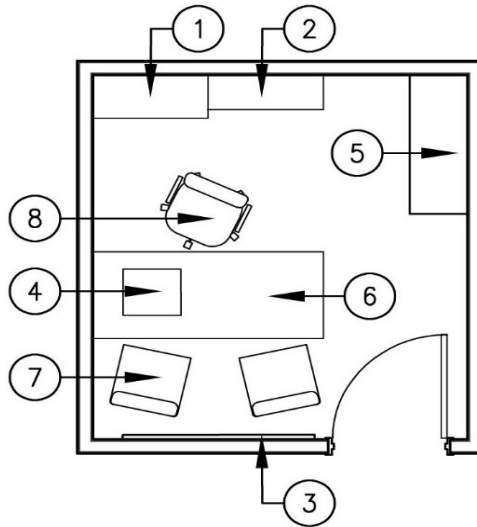
RELATIONSHIP DIAGRAM



Custodial Office

Custodial Office

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

IN CONTRACT / CONTRACTOR PROVIDED

Teacher Wardrobe	1			36" x 24" x 84"	
Bookshelf	2		1	36" x 24" x 84"	
Markerboard	3		1	5' x 4'	

Furniture/Equipment	Tag No.	Notes	Qty.	Comments
---------------------	---------	-------	------	----------

NOT IN CONTRACT / OWNER PROVIDED

Office Tool Set	4		1		
Table	5	Worktable	1		
Desk	6		1		
Visitor Chair	7		2		
Task Chair	8		1		

Notes:

Custodial Closets					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Custodial Closets	6		60	360	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES:					
Storage of large custodial rolling carts with trash can and cleaning supplies.					
SPATIAL RELATIONSHIP:					
Small custodial closets are to be distributed throughout the school.					
Custodial Closets					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Adjustable shelves	1	36" x 24" x 84"	
Mop Sink with drain	2		1		
Mop Rack	3		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Custodial Cart	4		1		
Chemical Cleaning Dispenser	5		1		
Notes:					

Custodial Storage**PROGRAM SPACES**

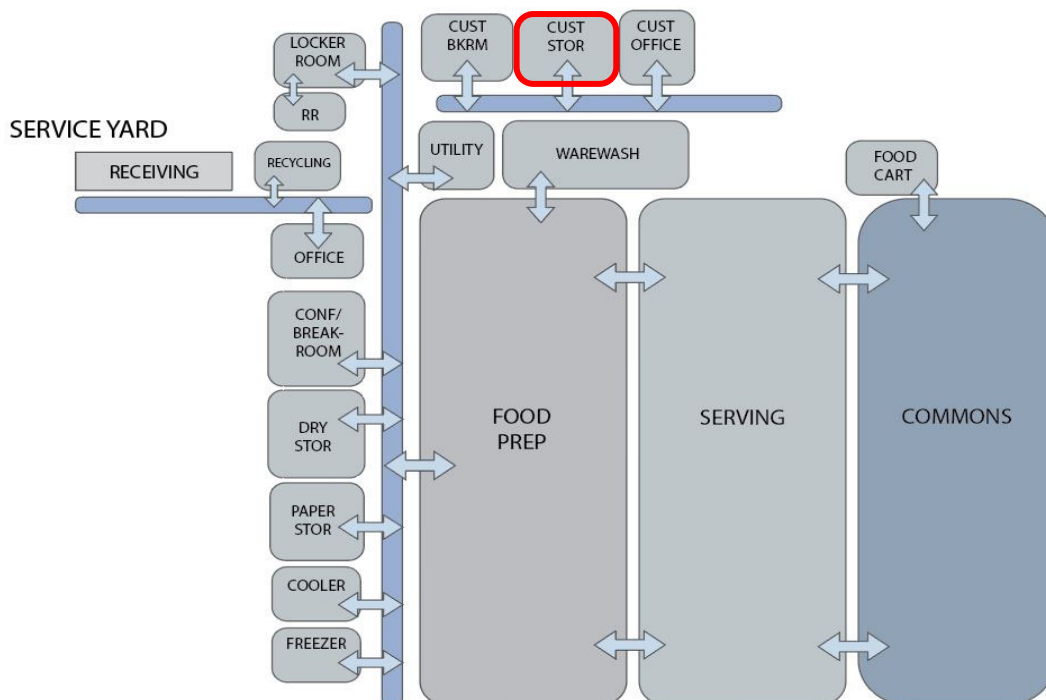
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Custodial Storage	1		400	400	

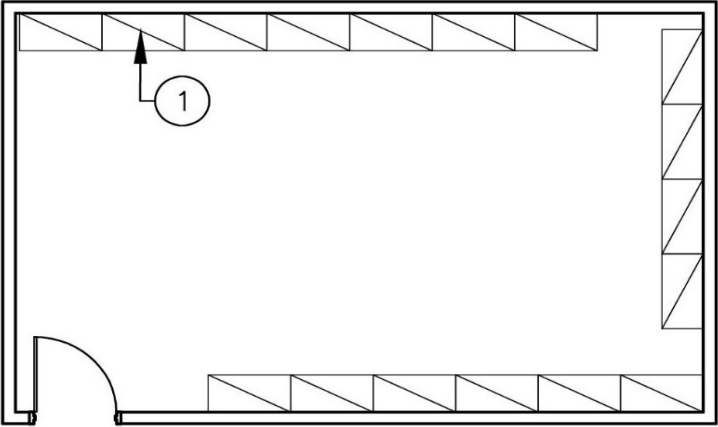
PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Secure storage for bulk custodial supplies, custodial equipment, etc. Storage of floor polisher, vacuums, etc.

SPATIAL RELATIONSHIP:

Space adjacent to custodian office and/or delivery area.

RELATIONSHIP DIAGRAM

Custodial Storage					
Custodial Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line walls		36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Recycling Storage Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Recycling Storage Room	1		150	150	

PROGRAM DETAILS

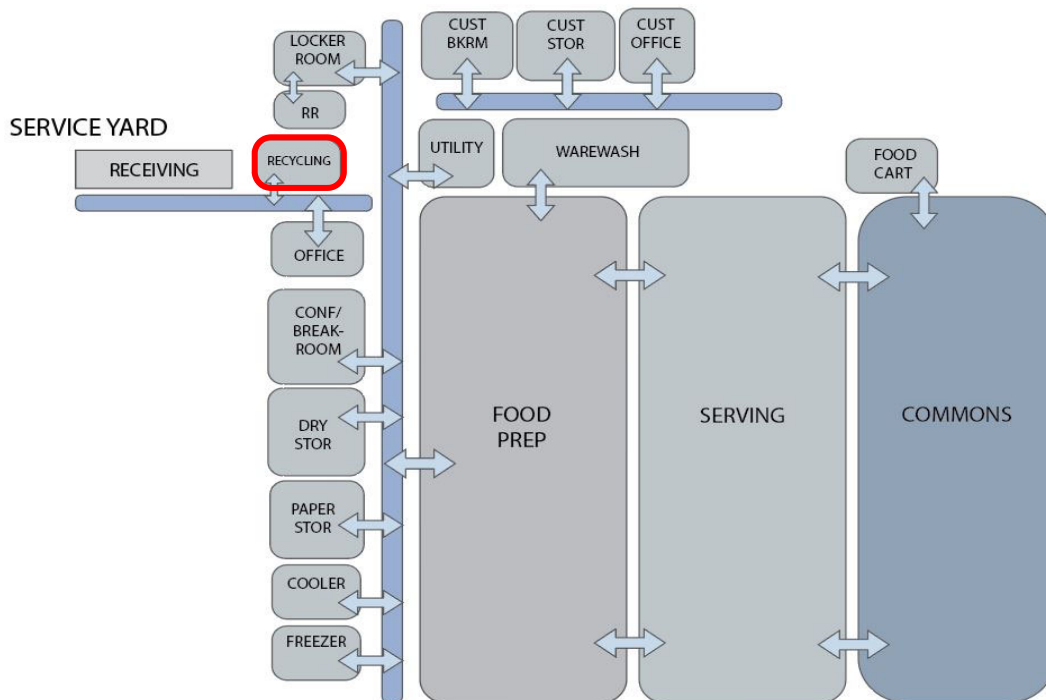
DESCRIPTION OF SPACE AND USES:

Storage of recycling bins/materials.

SPATIAL RELATIONSHIP:

Locate near service yard

RELATIONSHIP DIAGRAM



Recycling Storage Room					
Recycling Storage Room					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Tall Shelving	1	Adjustable shelves	2	18"Dx36"Wx72"H	
Mop Sink with drain	2		1		
Mop Rack	3		1		
Chemical	4		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					



CAREER & TECHNOLOGY EDUCATION



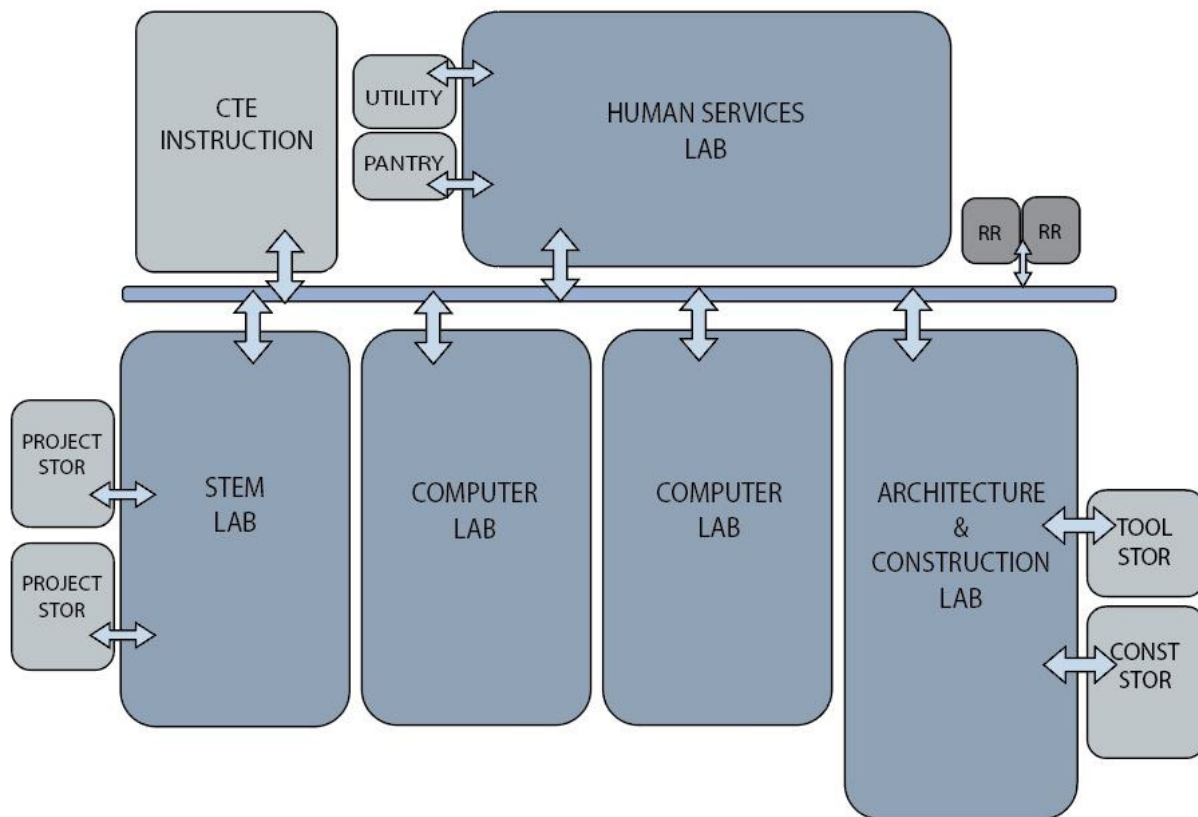
1. PROGRAM DESCRIPTION



Career and Technology Education (CTE) programs within Fort Bend ISD provide a variety of courses in many career pathways. Included at middle schools are human services labs including sewing and cooking, technology and computer labs, as well as architecture and construction labs with corresponding storage as necessary.

CTE classrooms should be located away from quiet classroom areas to eliminate the distraction of noise, and should be located close to a service area. In addition, all CTE classrooms should be located together.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



3. PROGRAM OF SPACE

Space/Function	Qty	SF	Total SF	Notes
CTE AREA				
Computer Lab	2	1,600	3,200	Keyboarding & Career Investigations
Architecture & Construction Lab	1	2,000	2,000	
Architecture & Construction Storage	1	320	320	
Architecture & Construction Tool Storage	1	200	200	
STEM/Robotics/Engineering	1	1,600	1,600	
Human Services Lab	1	1,800	1,800	
CTE Instruction	1	750	750	
Utility Room	1	150	150	
Pantry	1	100	100	
Project Storage	2	250	500	
Student Restrooms	2	250	500	One boy's and one girl's
CATE AREA SUBTOTAL:			11,120	SF

4. FINISHES

	Walls				Floor			Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Sealed Concrete	Tile	2x2 Acoustical Lay-In	Exposed	
CTE AREA										
Computer Lab	X				X			X		
Architecture & Construction Lab				X	X				X	
Architecture & Construction Storage				X	X				X	
Architecture & Construction Tool Storage				X	X				X	
STEM/Robotics/Engineering	X				X				X	
Human Services Lab	X				X			X		
CTE Instruction	X				X			X		
Utility Room	X				X			X		Tile at wet areas
Pantry	X				X			X		
Project Storage				X	X				X	
Student Restrooms		X					X	X		
Corridors	X				X			X		

Computer Lab

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Computer Lab	2	32	1,600	3,200	

PROGRAM DETAILS

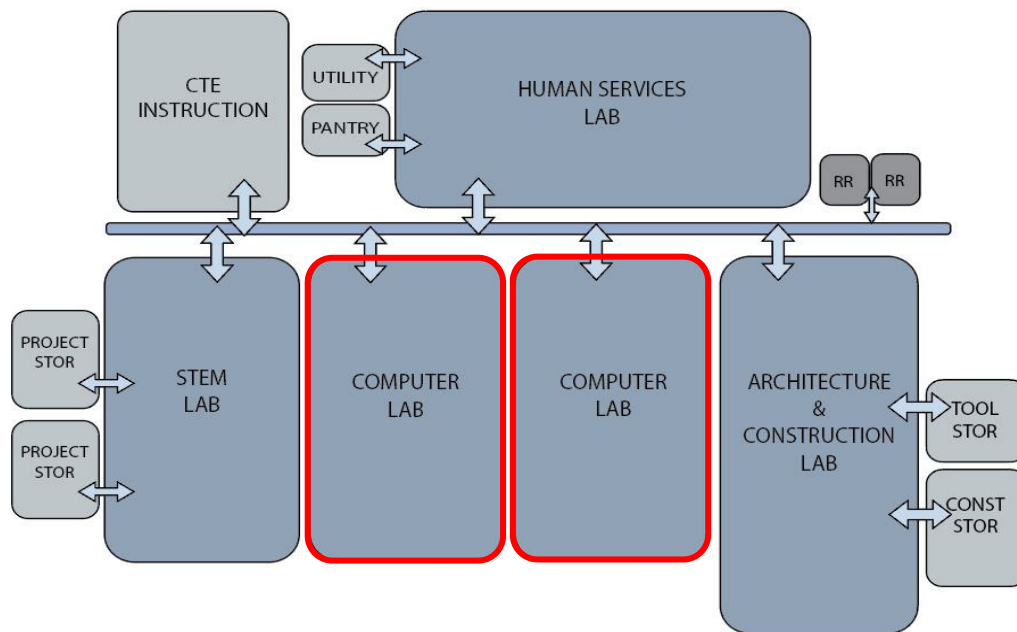
DESCRIPTION OF SPACE AND USES:

Students learn the basics of computer systems and how to design basic algorithms.

SPATIAL RELATIONSHIP:

Locate within CTE area near Technology Lab and Architecture and Construction Lab

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

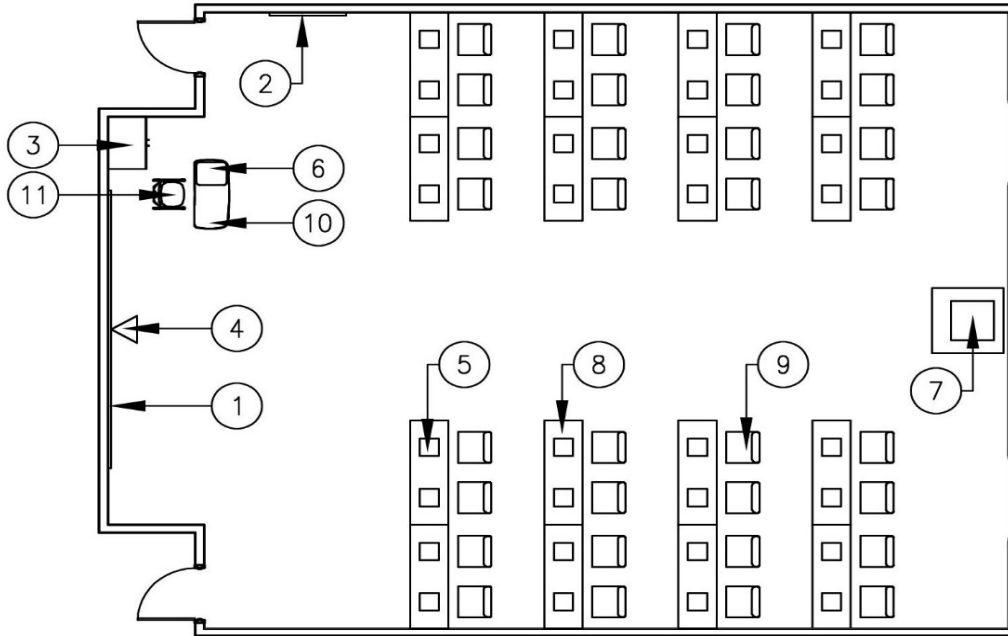
Computer Lab

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

Computer Lab

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1	Below Projector	1	5' x 10'	
Markerboard	2		1	5' x 4'	
Teacher Wardrobe	3		1		
Instructional Display Technology	4		1		
NOT IN CONTRACT / OWNER PROVIDED					
Student Devices	5		32		
Teacher Tool Set	6		1		
Printer/Scanner	7		1		
Computer Tables	8		16	6' x 2' x 30"	
Chair	9		32		
Teacher Desk	10		1		
Task Chair	11		1		

Notes:

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Architecture and Construction Shop

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Architecture and Construction Shop	1	24	2,000	2,000	

PROGRAM DETAILS

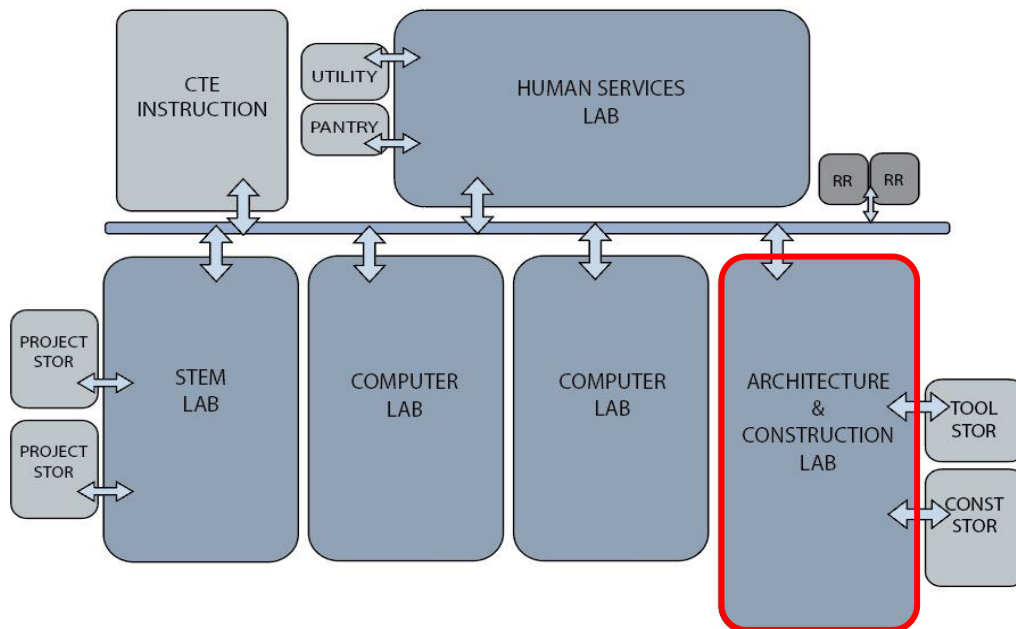
DESCRIPTION OF SPACE AND USES:

Students will learn the fundamentals of architecture and construction. An overview into the various fields of building and design.

SPATIAL RELATIONSHIP:

Locate within CTE area near Technology Lab and Computer Labs

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

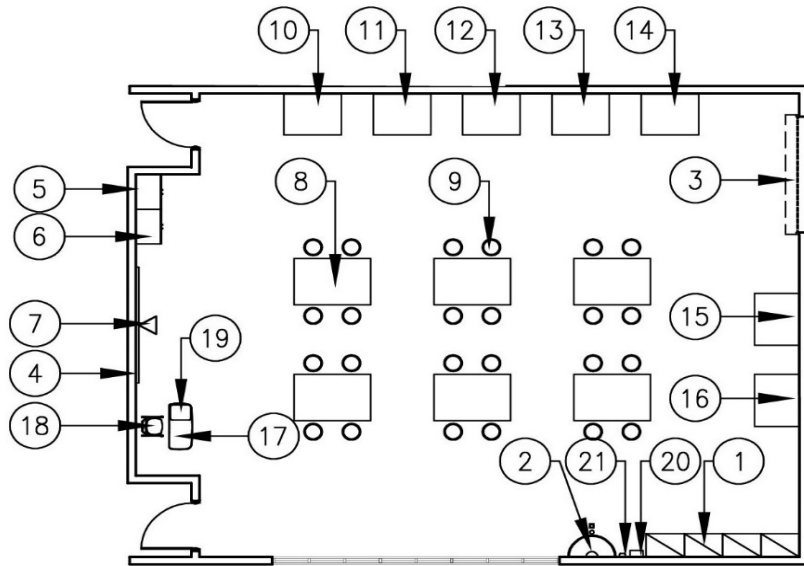
Architecture and Construction Shop

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

Architecture and Construction Shop**LAYOUT****EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1		4	36" x 24" x 84"	
Trough Sink	2	Pedal operated	1		
Overhead Door	3	Open to Service Yard	1		
Markerboard	4		1	5' x 10'	
Teacher Wardrobe	5	Lockable	1	36" x 24" x 84"	
Tall Storage	6	Lockable	1	36" x 24" x 84"	
Instructional Display Technology	7		1		

Architecture and Construction Shop					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Work Table	8		6	6' x 4'	
Stools	9		24		
Circular Saw	10		1		
Planer	11		1		
Band Saw	12		1		
Sander	13		1		
Grinder	14		1		
Drill Press	15		1		
Joiner	16		1		
Teacher Desk	17		1		
Task Chair	18		1		
Teacher Tool Set	19		1		
Paper Towel Dispenser	20	Contractor installed	1		
Soap Dispenser	21	Contractor installed	1		
Notes:					
1. Equipment to have localized dust collection system. Equipment list to be provided by FBISD.					

Architecture and Construction Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Architecture and Construction Storage	1		320	320	

PROGRAM DETAILS

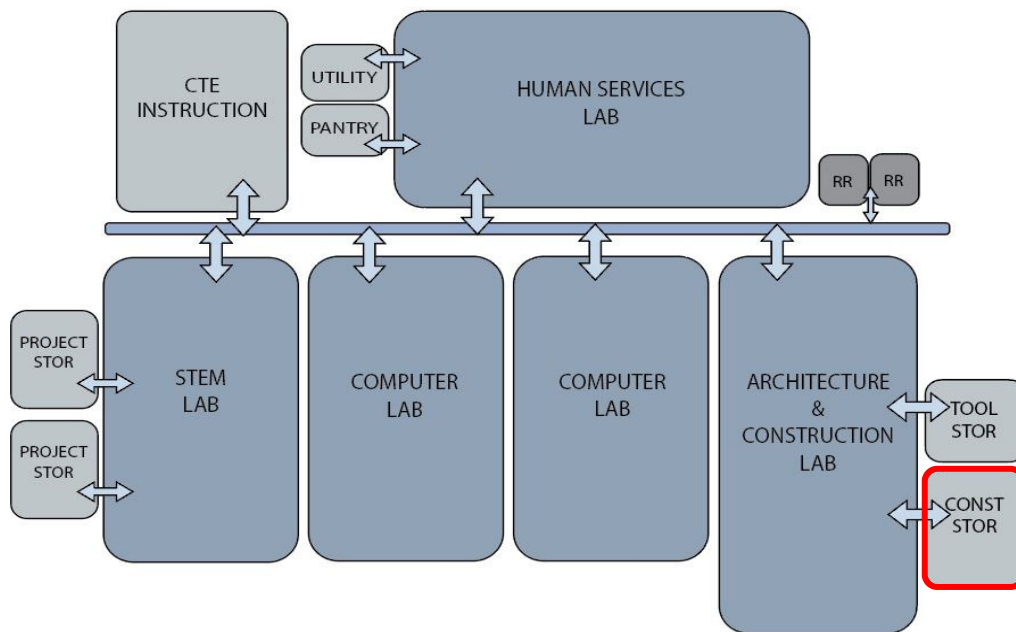
DESCRIPTION OF SPACE AND USES:

Storage of supplies and materials.

SPATIAL RELATIONSHIP:

Locate adjacent to Architecture and Construction Lab

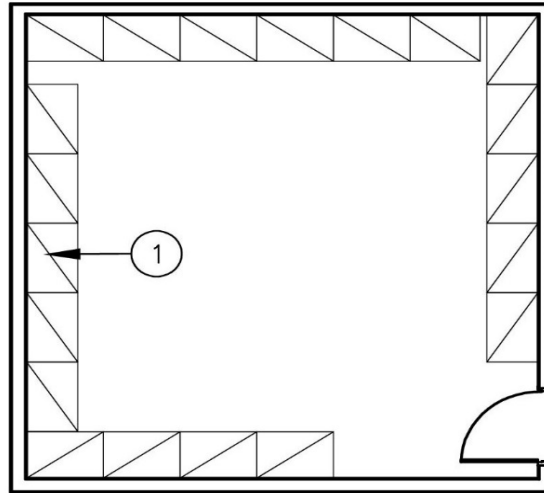
RELATIONSHIP DIAGRAM



Architecture and Construction Storage

Architecture and Construction Storage

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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IN CONTRACT / CONTRACTOR PROVIDED

Metal Shelving	1	Line Walls	1	36" x 24" x 84"	

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

NOT IN CONTRACT / OWNER PROVIDED

Notes:

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Architecture and Construction Tool Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Architecture and Construction Tool Storage	1		200	200	

PROGRAM DETAILS

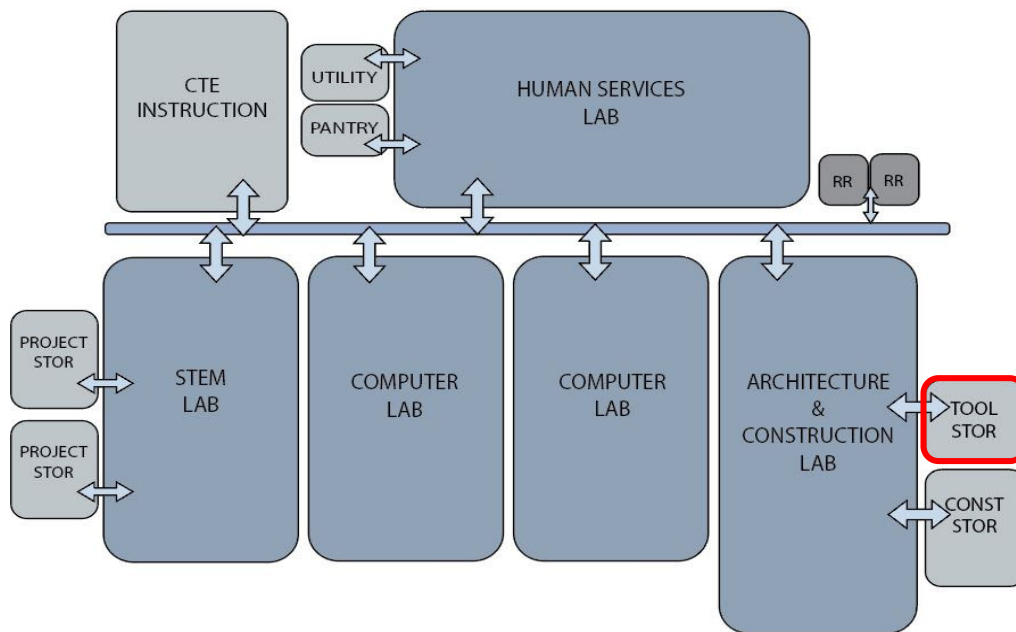
DESCRIPTION OF SPACE AND USES:

Storage of tools.

SPATIAL RELATIONSHIP:

Locate adjacent to the Architecture and Construction Lab

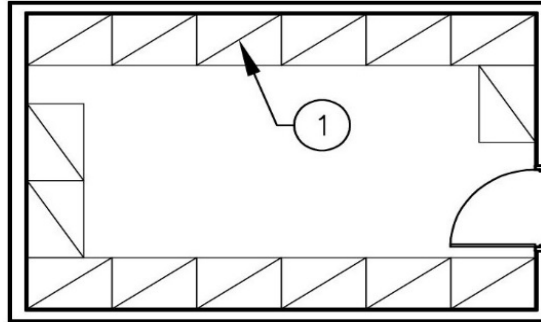
RELATIONSHIP DIAGRAM



Architecture and Construction Tool Storage

Architecture and Construction Tool Storage

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line Walls	1	36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

STEM/Robotics/ Engineering Lab

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
STEM/Robotics/ Engineering Lab	1		1,600	1,600	

PROGRAM DETAILS

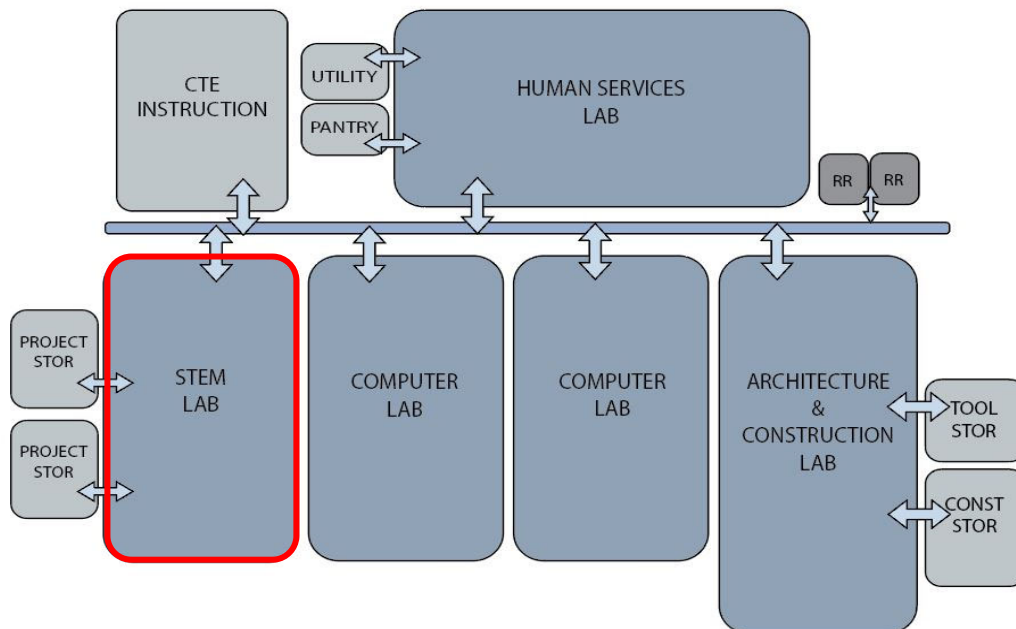
DESCRIPTION OF SPACE AND USES:

Robotics and engineering students will study concepts in the fields of engineering, physics, robotics, coding, animation, green energy, gearing, electricity, flight and space exploration.

SPATIAL RELATIONSHIP:

Locate within CTE area near Architecture & Construction Lab and Computer Labs

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

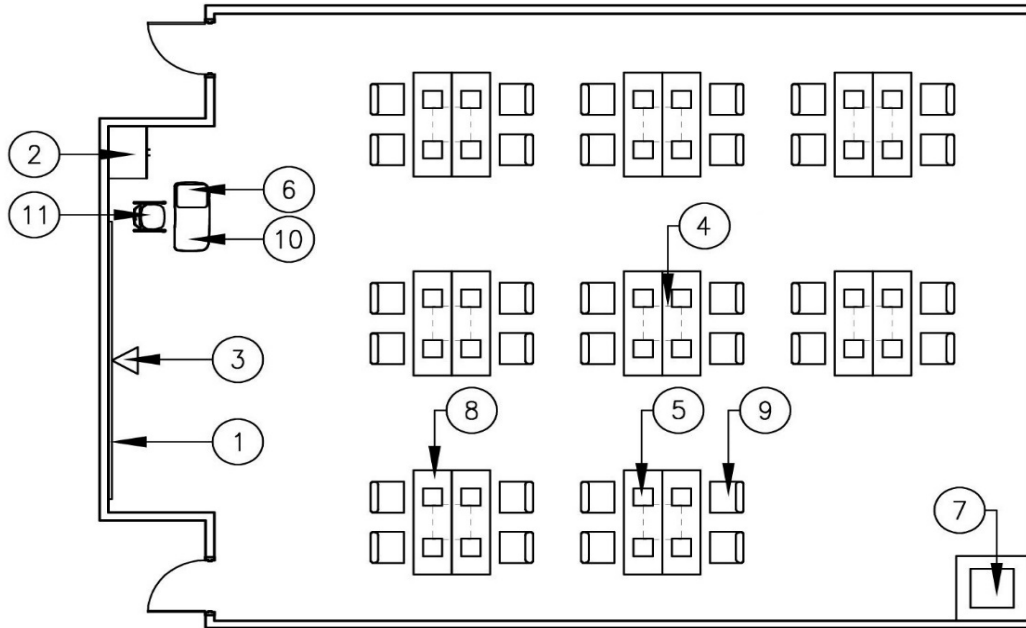
STEM/Robotics/ Engineering Lab

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

STEM/Robotics/ Engineering Lab

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1	Below Projector	1	5' x 10'	
Teacher Wardrobe	2		1	36" x 24" x 84"	
Instructional Display Technology	3		1		
Overhead Power Reels	4		8		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Devices	5		32		
Teacher Tool Set	6		1		
Printer/Scanner	7		1		
Computer Tables	8		16	6' x 2' x 30"	
Chair	9		32		
Teacher Desk	10		1		
Task Chair	11		1		

Notes:

Project Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Project Storage	2		200	400	

PROGRAM DETAILS

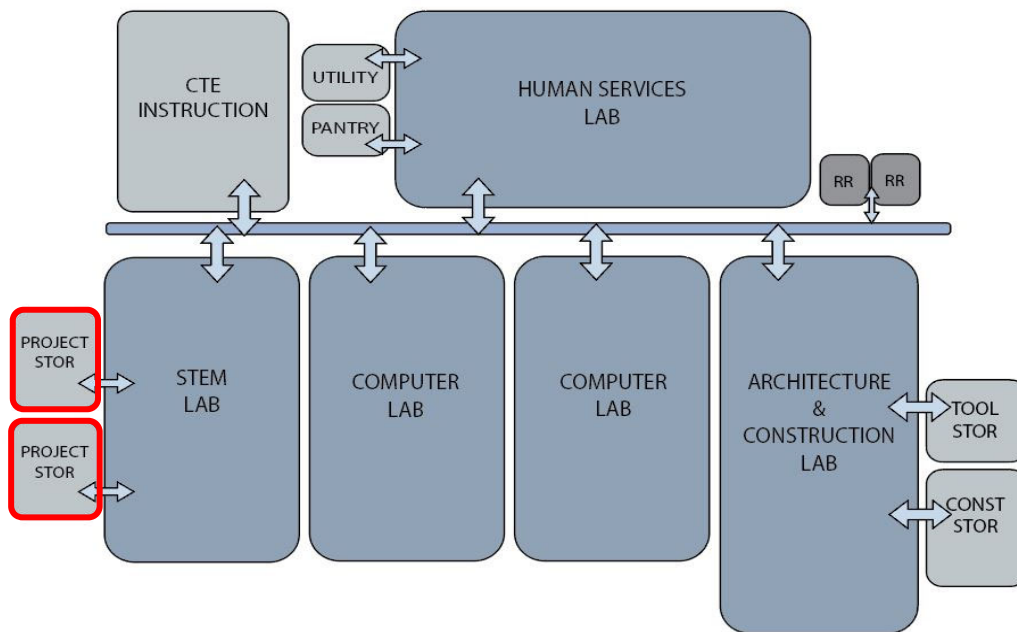
DESCRIPTION OF SPACE AND USES:

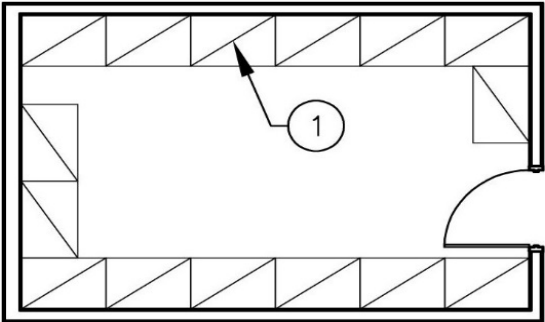
Storage space for CTE projects.

SPATIAL RELATIONSHIP:

Locate adjacent Computer Lab and near other CTE programs.

RELATIONSHIP DIAGRAM



Project Storage					
Project Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line Walls	1	36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Human Services Lab

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Human Services Lab	1		1,800	1,800	

PROGRAM DETAILS

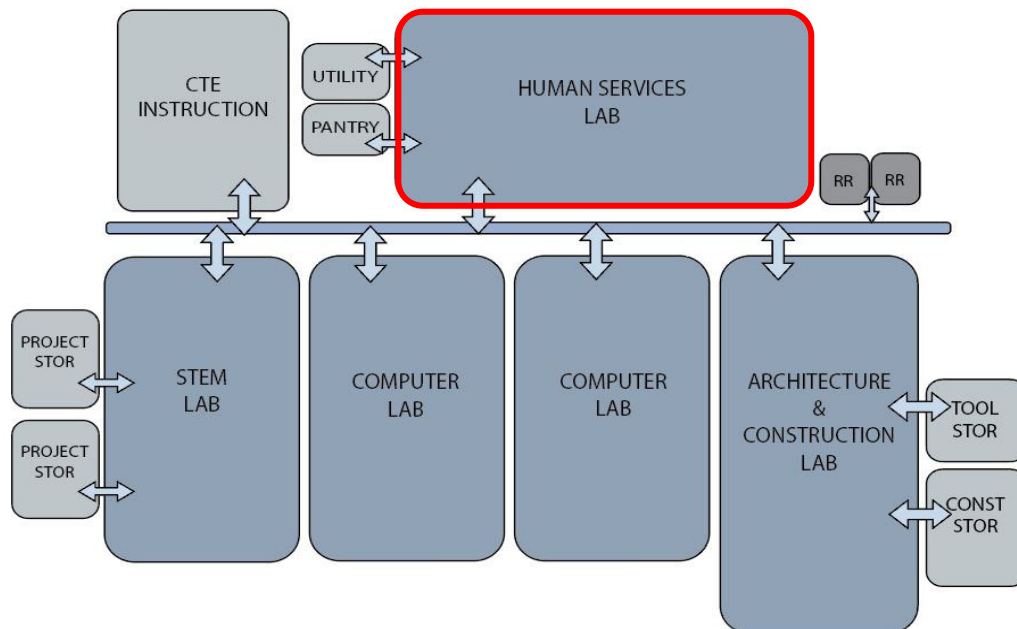
DESCRIPTION OF SPACE AND USES:

Students learn basics in human services, including early childhood development, family/community and personal care services. Nutrition, dietary practices and budget management concepts are also taught.

SPATIAL RELATIONSHIP:

Locate within CTE area adjacent to utility room and pantry.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

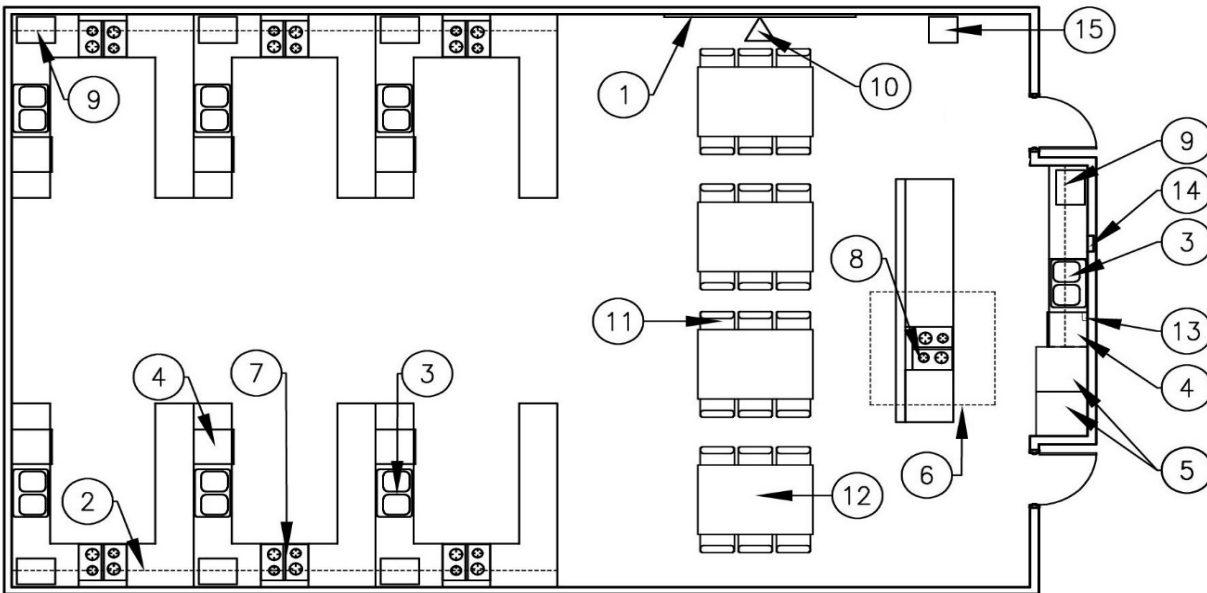
Human Services Lab

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

Human Services Lab**LAYOUT****EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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IN CONTRACT / CONTRACTOR PROVIDED

Markerboard	1		1	5' x 6'	
Lower Cabinets	2	Student workstations	6		
Double Compartment Sink	3	Garbage disposal	7		
Dishwasher	4		7		
Refrigerator	5		2		
Mirror	6	Above teacher workstation	1		
Stove	7	With vent hood	6		
Stove	8	With downdraft vent	1		
Microwave	9		7		
Instructional Display Technology	10		1		

Human Services Lab					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Chair	11		24		
Table	12		4		
Soap Dispenser	13	Contractor installed	7		
Paper Towel Dispenser	14	Contractor installed	7		
Teacher Tool Set	15		1		
Notes:					

CTE Instruction					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
CTE Instruction	1		750	750	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Students receive hands on training for sewing.					
SPATIAL RELATIONSHIP: Locate within CTE area near other special lab and next to Human Services Lab.					
RELATIONSHIP DIAGRAM					
LEARNING FRAMEWORK					
LEARNING ACTIVITIES: Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.					
OTHER ACTIVITIES: Team Activities - Teaming between rooms to enhance learning activities					

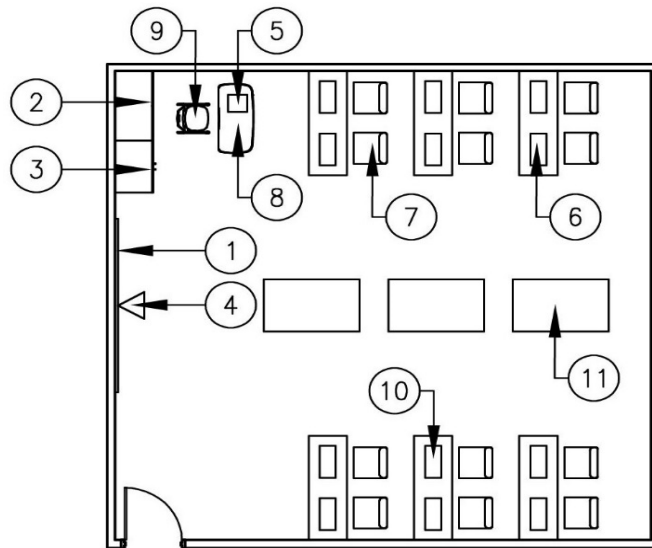
CTE Instruction

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities where they sit and/or stand, and use a diversity of materials.

CTE Instruction

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 16	
Teacher Wardrobe	2		1	36" x 24" x 84"	
Tall Storage	3			36" x 24" x 84"	
Instructional Display Technology	4		1		
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Tool Set	5		1		
Table	6	Sewing	6	6' x 2' x 30"	
Chairs	7		12		
Teacher Desk	8		1		
Task Chair	9		1		
Sewing Machine	10		12		
Cutting Table	11		3		

Notes:

Utility Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Utility Room	1		150	150	

PROGRAM DETAILS

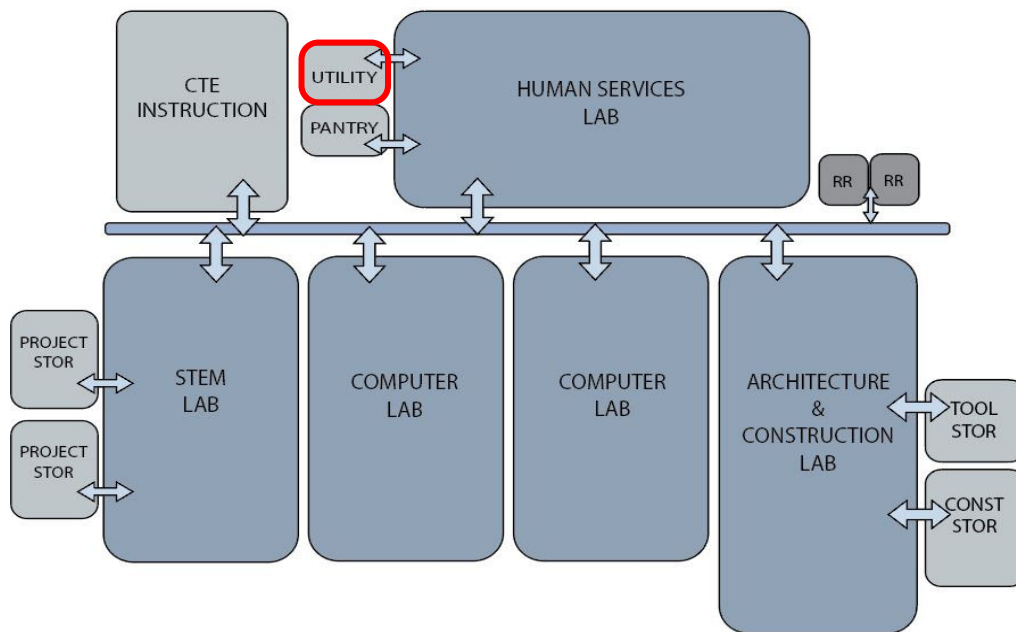
DESCRIPTION OF SPACE AND USES:

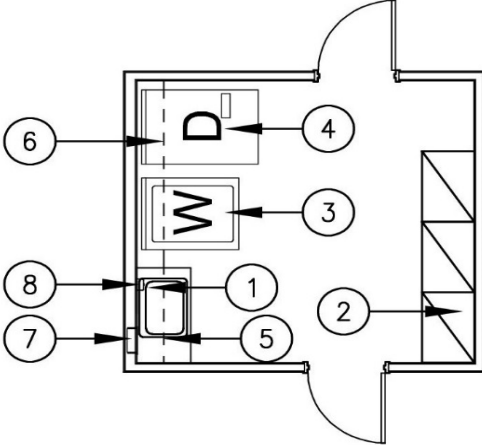
Storage of supplies and materials.

SPATIAL RELATIONSHIP:

Locate within CTE area near other special labs adjacent to Human Services Lab

RELATIONSHIP DIAGRAM



Utility Room					
Utility Room					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Deep Sink	1		1		
Metal Shelving	2		3	36" x 24" x 84"	
Residential Washer	3		1		
Residential Dryer	4		1		
Upper and Lower Cabinets	5		1		
Shelf	6		1	12" x 6	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Paper Towel Dispenser	7	Contractor installed	1		
Soap Dispenser	8	Contractor installed	1		
Notes:					

PROGRAM SPACES

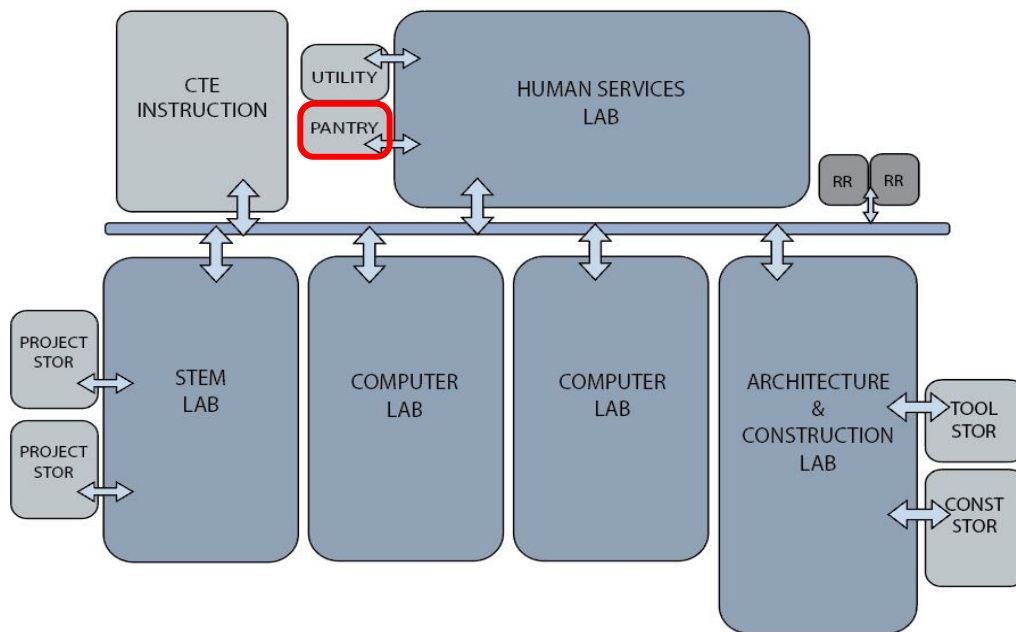
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Pantry	1		100	100	

PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Pantry for cooking supplies, food, etc. for Human Services Lab

SPATIAL RELATIONSHIP:

Locate within CTE area near other special labs adjacent to Human Services Lab

RELATIONSHIP DIAGRAM

Pantry					
Pantry					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1		3	36" x 24" x 84"	
Refrigerator	2	Full Size	1		
Metal Shelving	3		2	36" x 24" x 12"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					



FINE ARTS



1. PROGRAM DESCRIPTION

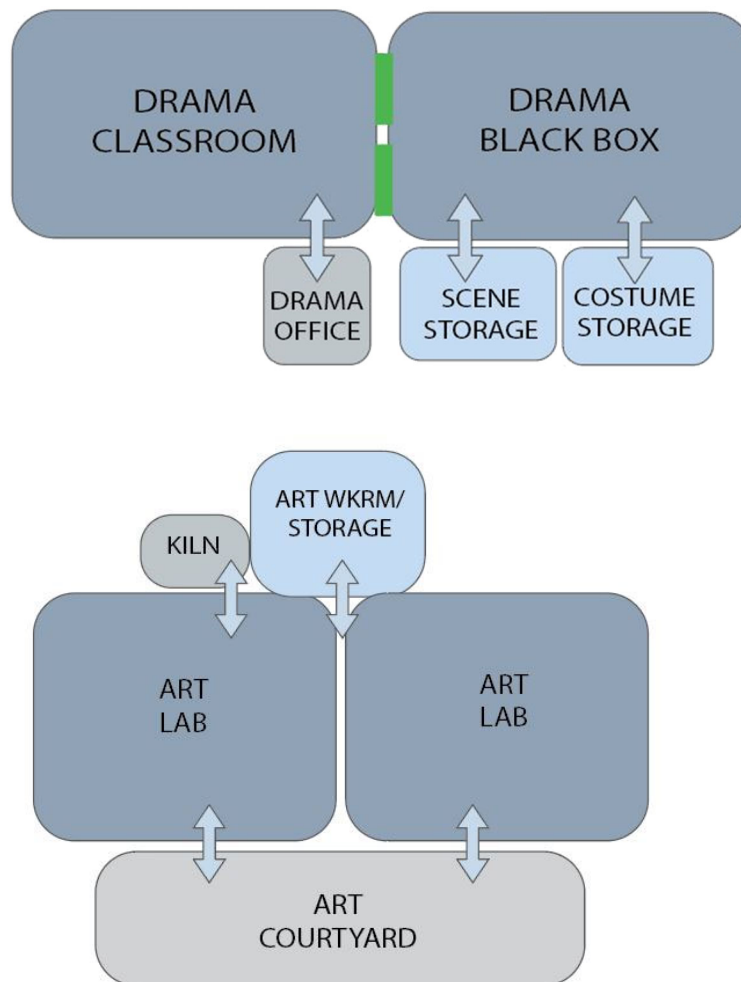
Fine Arts programs within the middle school campus include Art, Drama, Band, Choir and Orchestra.

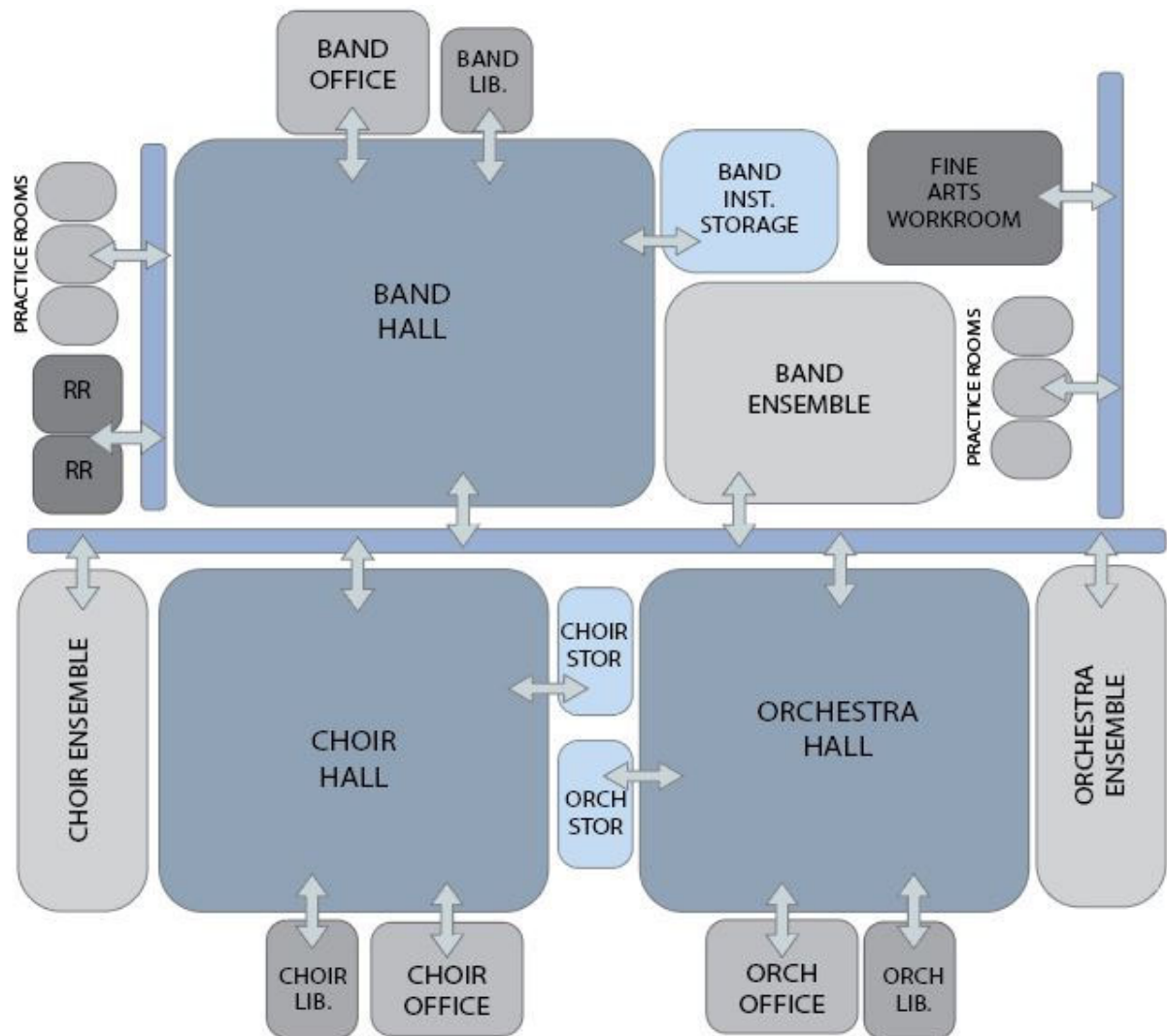
Music programs shall have large classrooms and ensemble rooms with a library and office for each. Four practice rooms shall be provided and are to be shared among Band, Choir and Orchestra.

Art Labs shall have a separate kiln room as well as storage while Drama shall have an adjacent black box theater with a folding partition wall separating the two.



2. SPATIAL RELATIONSHIPS & ADJACENCIES





3. PROGRAM OF SPACE

Space/Function	Qty	SF	Total SF	Notes
FINE ARTS				
Art Lab	2	1,200	2,400	
Art Storage	1	400	400	
Kiln	1	150	150	
Black Box	1	1,200	1,200	18' min. ceiling height
Drama Classroom	1	1,000	1,000	18' min. ceiling height
Drama Office	1	150	150	
Drama Costume Storage	1	150	150	
Scene Storage	1	200	200	
Band Hall	1	2,400	2,400	20' min. ceiling height
Band Library	1	100	100	
Band Office	1	180	180	
Band Ensemble Room	1	1,200	1,200	
Band Instrument Storage	1	300	300	
Choir Hall	1	1,450	1,450	20' min. ceiling height
Choir Library	1	150	150	
Choir Office	1	150	150	
Choir Ensemble	1	600	600	
Choir Storage	1	150	150	
Orchestra Hall	1	1,600	1,600	20' min. ceiling height
Orchestra Library	1	100	100	
Orchestra Office	1	100	100	
Orchestra Ensemble	1	900	900	
Orchestra Instrument Storage	1	200	200	
Fine Arts Workroom	1	200	200	
Shared Practice Rooms	6	80	480	
Restrooms	2	250	500	One boy's and one girl's
FINE ARTS SUBTOTAL:			16,410	SF

*Confirm all ceiling heights with acoustical designer to ensure acoustically sound designed rooms.

4. FINISHES

	Walls				Floor			Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Sealed Concrete	Tile	2x2 Acoustical Lay-In	Exposed	
FINE ARTS										
Art Lab	X				X			X		
Art Storage	X				X			X		
Kiln	X				X				X	
Drama Classroom	X				X			X		Acoustical Panels
Black Box				X	X				X	Detachable Acoustical Panels
Drama Office				X	X			X		
Drama Costume Storage				X	X			X		
Scene Storage				X	X			X		
Band Hall				X	X			X		Acoustical Panels
Band Library	X				X			X		
Band Office				X	X			X		
Band Ensemble Room	X				X			X		Acoustical Panels
Band Instrument Storage	X				X			X		
Choir Hall				X	X			X		Acoustical Panels
Choir Library	X				X			X		
Choir Office				X	X			X		
Choir Ensemble	X				X			X		Acoustical Panels
Choir Storage	X				X			X		
Orchestra Hall				X	X			X		Acoustical Panels
Orchestra Library	X				X			X		
Orchestra Office				X	X			X		
Orchestra Ensemble	X				X			X		Acoustical Panels
Orchestra Instrument Storage	X				X			X		
Fine Arts Workroom	X				X			X		
Shared Practice Rooms	X				X			X		Acoustical Panels
Restroom		X					X	X		
Corridors	X				X			X		

5. OTHER

Other significant information regarding the Fine Arts spaces follows:

- An acoustical designer must be engaged by the architect for the design of all performance and music spaces.
- A theatrical lighting and rigging designer must be engaged by the architect for the design of the Black Box, Auditorium and Stage.

Art Lab

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Art Lab	2	30	1,200	2,400	

PROGRAM DETAILS

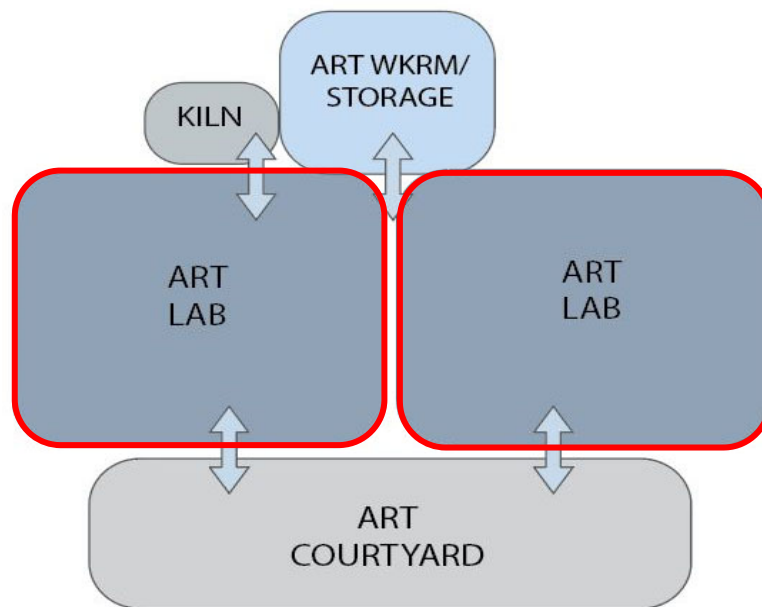
DESCRIPTION OF SPACE AND USES:

Students develop problem solving and creative thinking skills while learning about artistic medias. Students use multiple art elements and principles of design in a variety of media.

SPATIAL RELATIONSHIP:

Locate close to grade level areas, along north facing exterior wall, with direct access to outdoor art courtyard. Preferable with north facing exterior wall.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

Art Lab

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

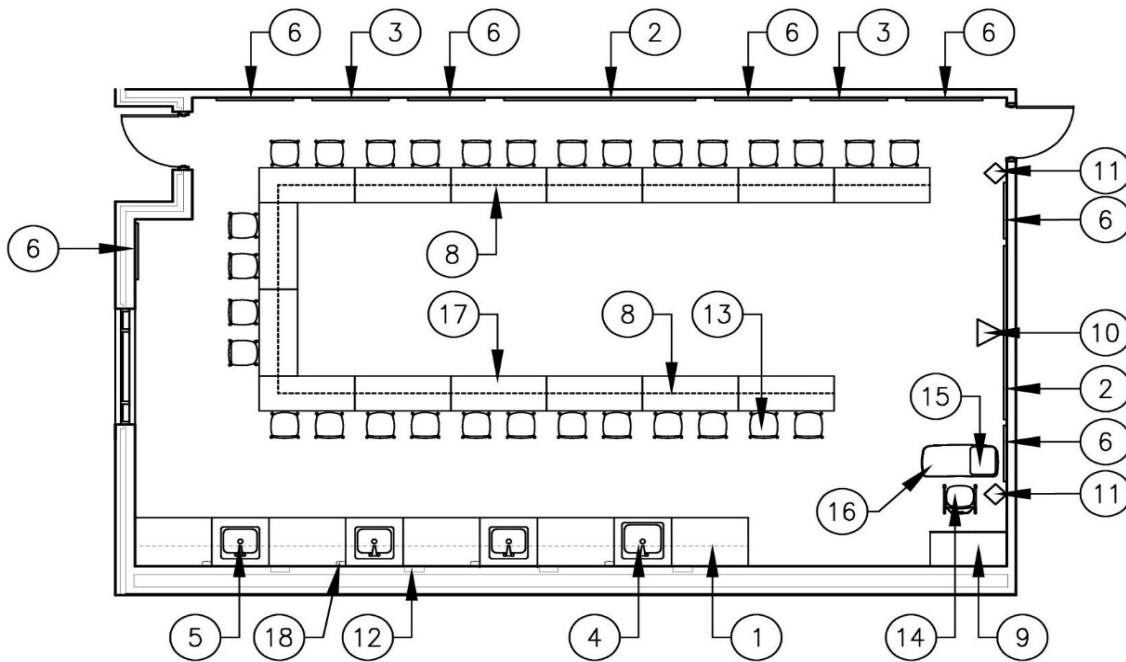
Blended Learning- Engaging, active learning through technology

Project Based Learning - Team activities working towards a specific project goal or outcome.

Makerspace - Hands on activities that elicit creativity and exploration from students.

Art Lab

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1	Line one wall			
Markerboard	2	One below projector	2	5' x 10'	
Markerboard	3		2	5' x 4'	
Deep Sink	4	Plaster traps	3		
Handicap Accessible Sink	5	Plaster traps	1		
Clip Display	6	For poster boards	7		
Instructional Display Technology	7		1		
Track Lights	8		1		
Teacher Wardrobe	9		1		
Speakers	10		2		

Art Lab					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Tables	11	Laminate or butcher block, height adjustable legs	14	72" x 36"	
Paper Towel Dispenser	12	Contractor installed	4		
Student Stools	13	With backs	30		
Task Chair	14		1		
Teacher Tool Set	15		1		
Teacher Desk	16		1		
Soap Dispenser	17	Contractor installed	4		
Notes:					
1. Provide windows to exterior, preferably north facing.					
2. Provide display cases in hallway outside art lab.					

Art Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Art Storage	1		400	400	

PROGRAM DETAILS

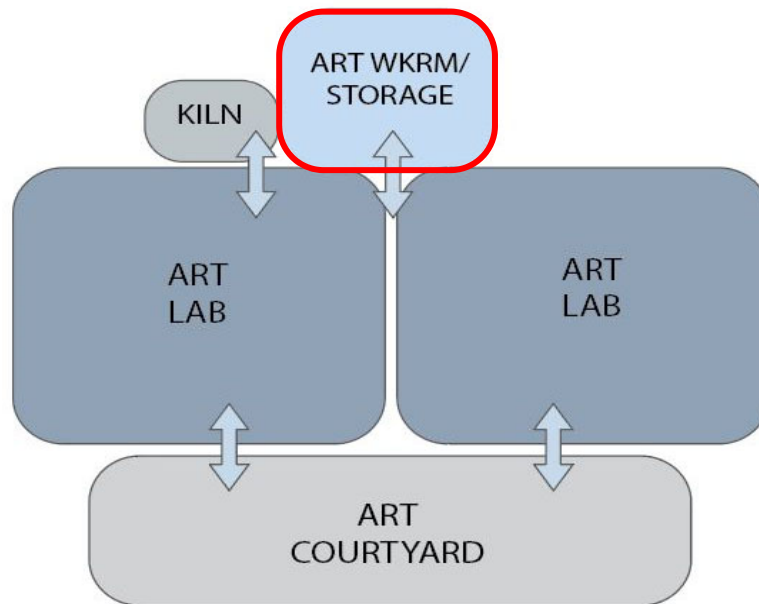
DESCRIPTION OF SPACE AND USES:

Storage of art supplies and materials.

SPATIAL RELATIONSHIP:

Locate adjacent to each Art Lab

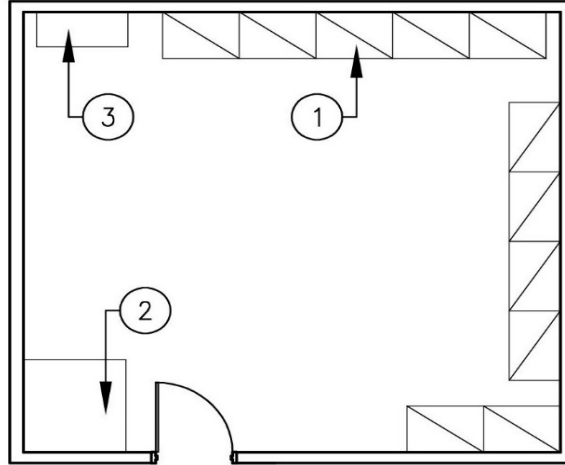
RELATIONSHIP DIAGRAM



Art Storage

Art Storage

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1		11	36" x 24" x 84"	
Poster Board Storage Cabinet	2	Open shelving for drying large paper product/paintings	1	42" x 48" x 48"	
Flammable Cabinet	3		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Kiln	1		150	150	

PROGRAM DETAILS

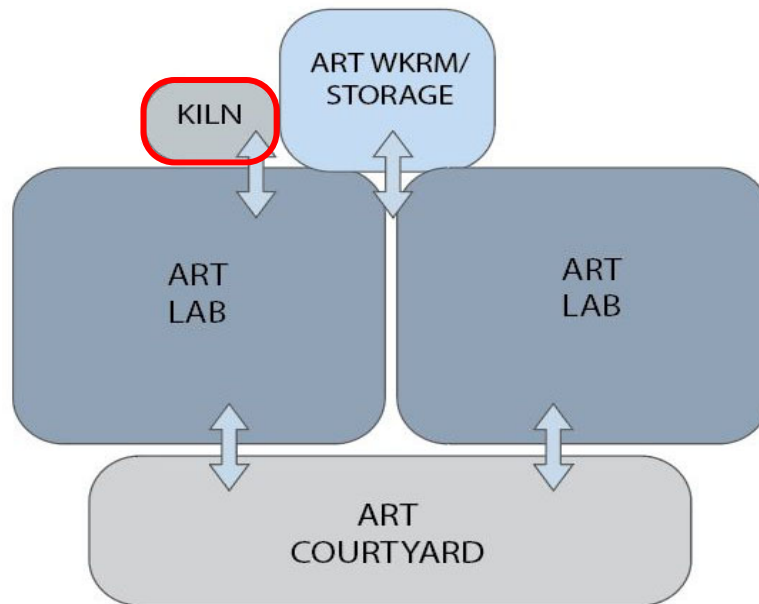
DESCRIPTION OF SPACE AND USES:

Firing of ceramics with a kiln.

SPATIAL RELATIONSHIP:

Locate adjacent to Art Lab

RELATIONSHIP DIAGRAM



Kiln					
Kiln					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1		1		
Kiln	2	480v	1		
Kiln Exhaust	3		1		
Drying Rack	4	For ceramic products	1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					
1. Locate disconnect for kiln to be accessible away from kiln.					
2. Room to be fire rated, confirm with Fire Marshal.					

Art Courtyard

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Art Courtyard	1				

PROGRAM DETAILS

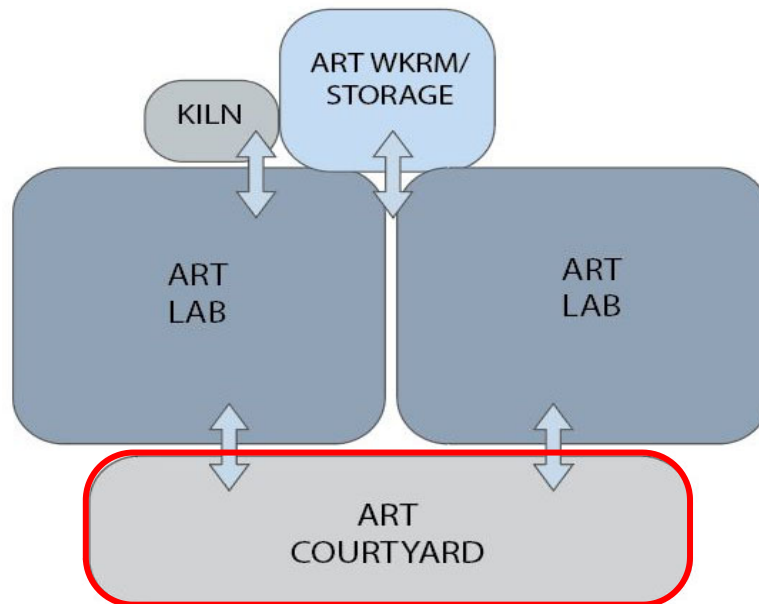
DESCRIPTION OF SPACE AND USES:

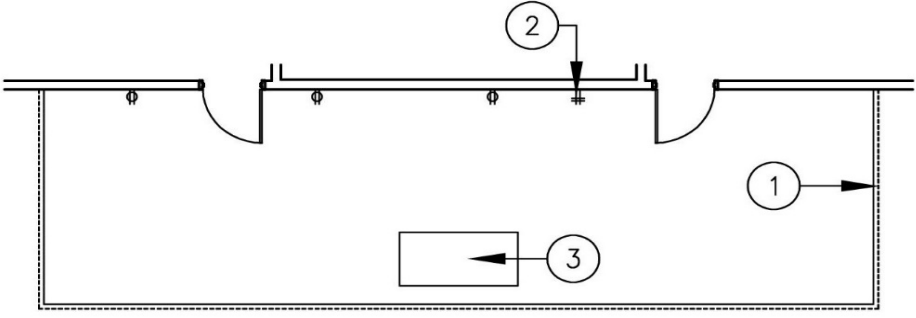
Outside workspace for Art Labs.

SPATIAL RELATIONSHIP:

Locate adjacent to Art Labs, preferably on north facing exterior wall.

RELATIONSHIP DIAGRAM



Art Courtyard					
Art Courtyard					LAYOUT
 <p>The diagram shows a rectangular courtyard layout. A dashed line represents the ornamental fence (1) surrounding the area. A hose bib (2) is located on the top wall. A rectangular Raku Pit (3) is located in the center of the courtyard.</p>					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Ornamental Fence	1				
Hose Bib	2		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Raku Pit	3		1		
Notes:					

Black Box (Drama)

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Black Box (Drama)	1	32	1,200	1,200	

PROGRAM DETAILS

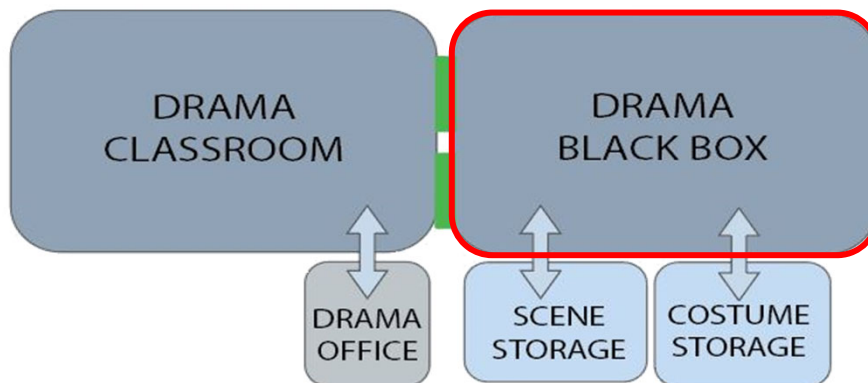
DESCRIPTION OF SPACE AND USES:

Theater instruction, lecture, demonstration and performances.

SPATIAL RELATIONSHIP:

Locate in Fine Arts, with folding partition between Black Box and Drama Classroom. Preferable if located by stage with overhead door access.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

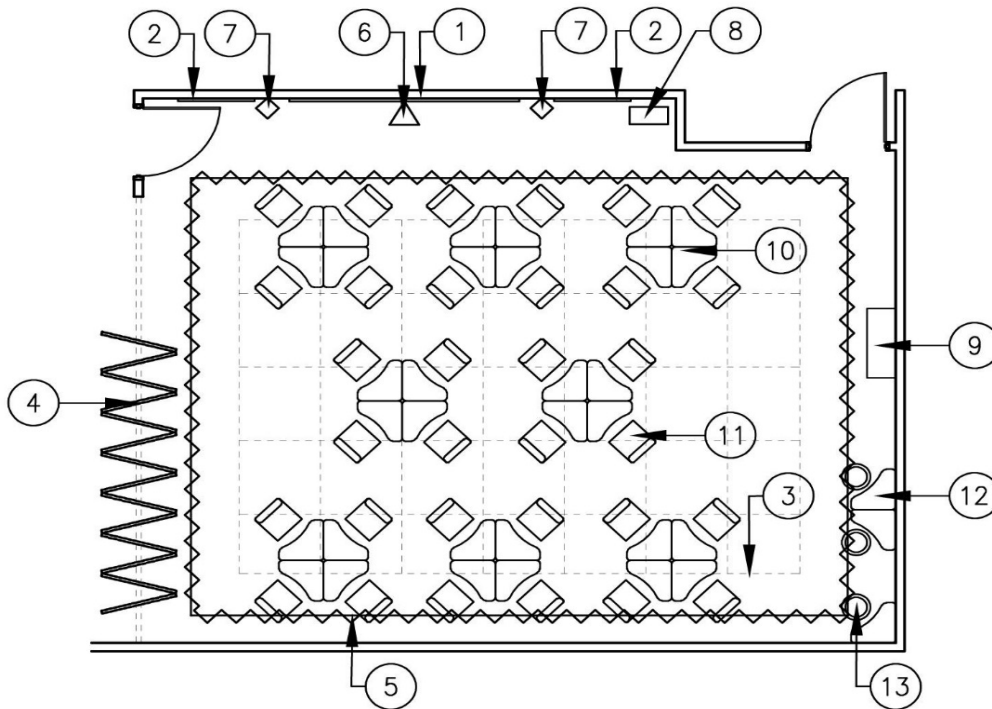
Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Black Box (Drama)

Project Based Learning - Team activities working towards a specific project goal or outcome.

Makerspace - Hands on activities that elicit creativity and exploration from students.

Black Box (Drama)**LAYOUT****EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 10'	
Markerboard	2		2	5' x 4'	
Lighting Grid and LED Lights	3	Per consultant recommendation	1		
Folding Markerboard Wall	4	Hard/foldable	1		
Black Curtains	5	Divide into 3 at long sides; 2 at short sides	1		
Instructional Display Technology	6		1		
Speakers	7		2		
Teacher Display Plate	8		1		
Bookshelf	9		1		

Black Box (Drama)					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Molded Top Desk	10		32		
Student Chair	11		32		
Molded Top Desk	12	Standing height	3		
Student Stools	13		3		
Notes:					
1. All room surfaces are to be black. 2. Acoustical consultant must be included in design team for design of all music and performance spaces. 3. A theatrical lighting and rigging designer must be engaged by the architect for the design of the Black Box, Auditorium and Stage. 4. DMX capability in Black Box as well as sound and video capability (VGA and HDMI) 5. LED Lighting					

Drama Classroom					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Drama Classroom	1	30	1,000	1,000	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES:					
Students are introduced to a variety of speaking situations and basic understanding of the Theatre. Students study a range of content and have opportunities to perform in class and in stage productions.					
SPATIAL RELATIONSHIP:					
Locate in Fine Arts, in close proximity to stage.					
RELATIONSHIP DIAGRAM					
<pre> graph TD DC[DRAMA CLASSROOM] --- DBB[DRAMA BLACK BOX] DO[DRAMA OFFICE] <--> DC SS[SCENE STORAGE] <--> DBB CS[COSTUME STORAGE] <--> DBB </pre> <p>The diagram illustrates the spatial relationships between the Drama Classroom, Drama Black Box, Drama Office, Scene Storage, and Costume Storage. The Drama Classroom and Drama Black Box are shown as large, light blue rounded rectangles. The Drama Office, Scene Storage, and Costume Storage are shown as smaller, light blue rounded rectangles. Double-headed arrows indicate bidirectional relationships between the Drama Classroom and Drama Office, and between the Drama Black Box and both Scene Storage and Costume Storage. A green vertical bar is positioned between the Drama Classroom and Drama Black Box.</p>					
LEARNING FRAMEWORK					
LEARNING ACTIVITIES:					
Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.					
OTHER ACTIVITIES:					
Team Activities - Teaming between rooms to enhance learning activities					
Blended Learning- Engaging, active learning through technology					

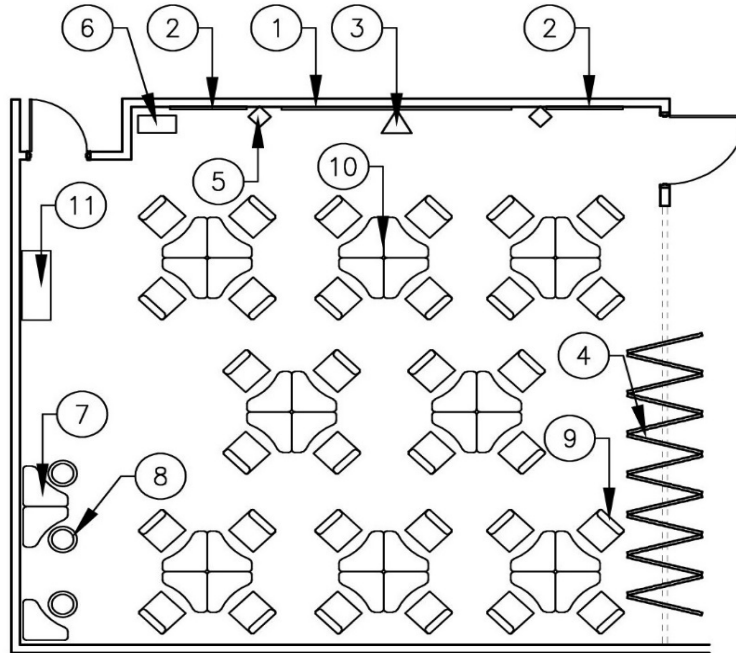
Drama Classroom

Project Based Learning - Team activities working towards a specific project goal or outcome.

Makerspace - Hands on activities that elicit creativity and exploration from students.

Drama Classroom

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1			5' x 10'	
Markerboard	2		2	4' x 4'	
Instructional Display Technology	3		1		
Folding Markerboard Wall	4		1		
Speakers	5		2		
Teacher Display Plate (TDP)	6		2		

Drama Classroom					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Molded Top Desks	7	Standing height	3		
Student Stool	8		3		
Student Chair	9		32		
Molded Top Desks	10		32		
Bookshelf	11		1		
Notes:					
1. DMX capability in Black Box as well as sound and video capability (VGA and HDMI)					

Drama Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Drama Office	1		150	150	

PROGRAM DETAILS

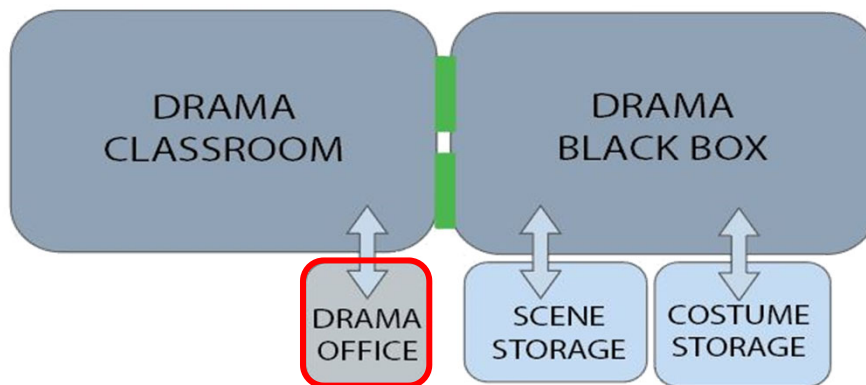
DESCRIPTION OF SPACE AND USES:

Administrative duties for Drama teachers.

SPATIAL RELATIONSHIP:

Locate between Drama Classrooms.

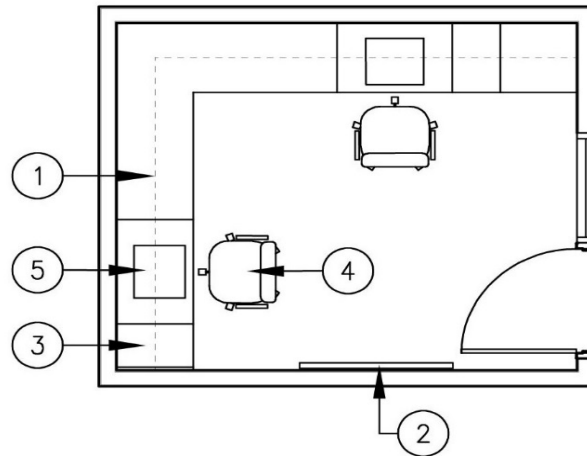
RELATIONSHIP DIAGRAM



Drama Office

Drama Office

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1	Line one wall			
Markerboard	2		1	5' x 4'	
Vertical File Cabinet Drawers	3		2		
Furniture/Equipment Tag No. Notes Qty. Size Comments					
NOT IN CONTRACT / OWNER PROVIDED					
Task Chair	4		2		
Teacher Office Tool Set	5		2		

Notes:

1. Provide visibility from office to the classroom and black box for supervision.

Drama Costume Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Drama Costume Storage	1		150	150	

PROGRAM DETAILS

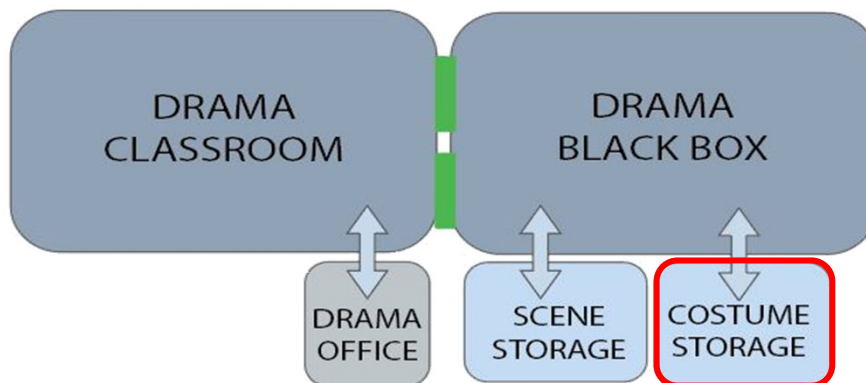
DESCRIPTION OF SPACE AND USES:

Storage of costumes and hats.

SPATIAL RELATIONSHIP:

Locate adjacent to Drama Classrooms.

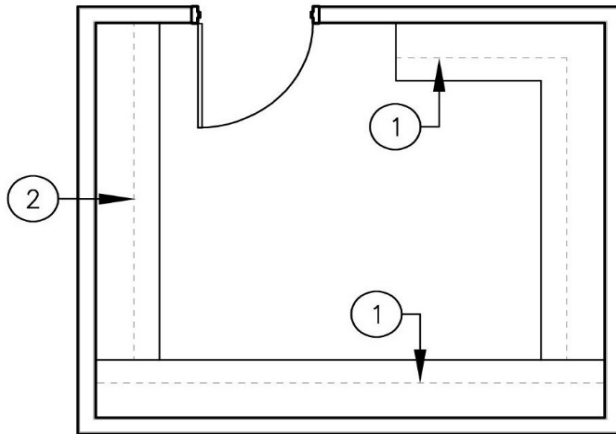
RELATIONSHIP DIAGRAM



Drama Costume Storage

Drama Costume Storage

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

IN CONTRACT / CONTRACTOR PROVIDED

Shelf with clothes rod	1	Mount at 3'-6" & 7'-6"		18" deep	
Shelf with clothes rod	2	Mount at 7'-6"		18 " deep	

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

NOT IN CONTRACT / OWNER PROVIDED

Notes:

1. Maximize height in space to allow for additional shelving above those shown. Matching Black Box roof height allows for additional storage above 9'-0" for items.

2. Dedicated HVAC unit.

Scene Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Scene Storage	1		200	200	

PROGRAM DETAILS

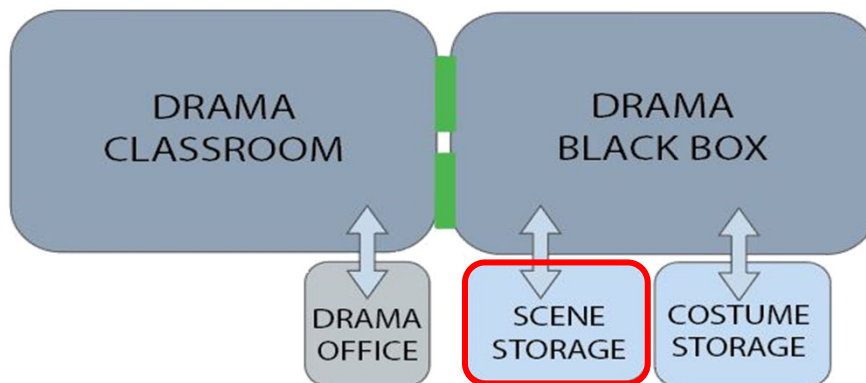
DESCRIPTION OF SPACE AND USES:

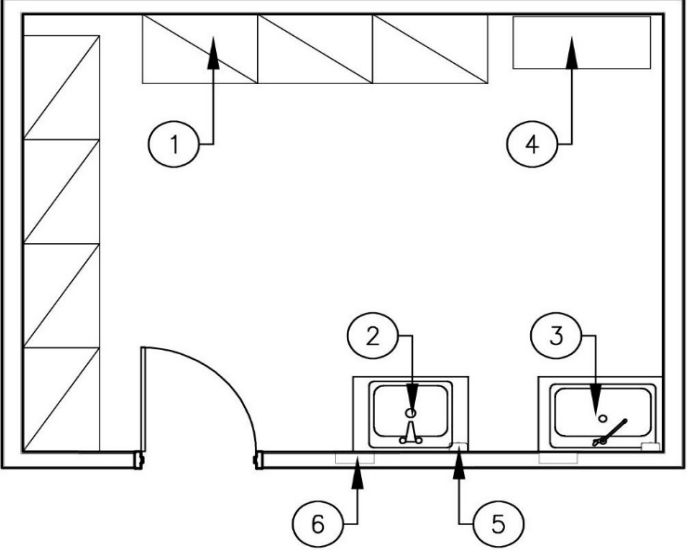
Storage of props and materials for set construction.

SPATIAL RELATIONSHIP:

Locate adjacent to Drama Classrooms.

RELATIONSHIP DIAGRAM



Scene Storage					
Scene Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1			2' x 3' x 7'	
Sink	2	Handicap accessible	1		
Sink	3	Deep with gooseneck faucet	1		
Flammable Cabinet	4		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	5	Contractor installed	2		
Paper Towel Dispenser	6	Contractor installed	2		
Notes:					

Band Hall

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Band Hall	1		2,400	2,400	

PROGRAM DETAILS

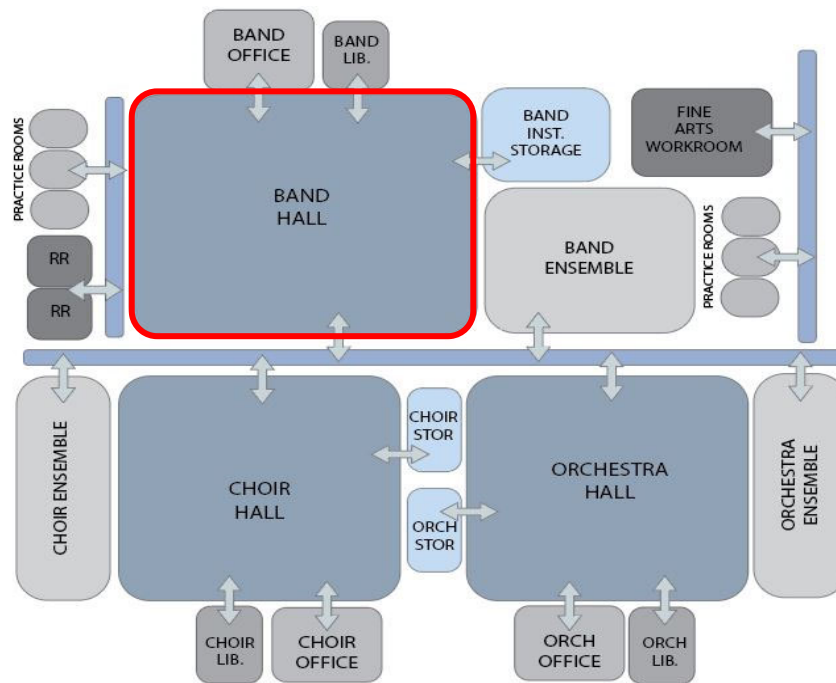
DESCRIPTION OF SPACE AND USES:

Music classes provide students with proper care and handling of instruments as well as fundamental tools to apply musical symbols and terms and beginner skills to play. Band Hall is used in the study of musical instruments and music history.

SPATIAL RELATIONSHIP:

Locate in Fine Arts wing, accessible to exterior.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

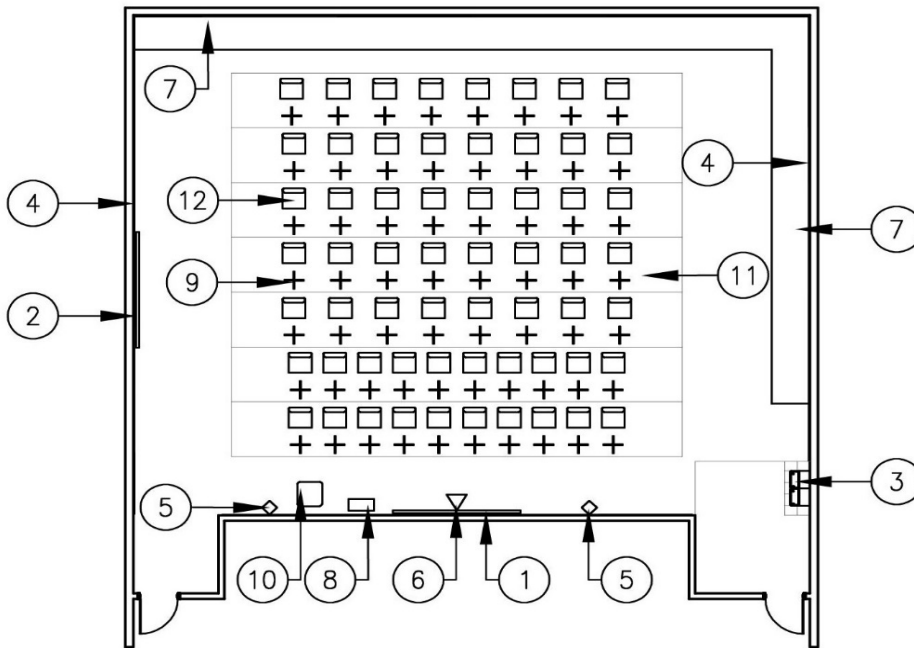
Team Activities - Teaming between rooms to enhance learning activities

Band Hall

Blended Learning- Engaging, active learning through technology

Project Based Learning - Team activities working towards a specific project goal or outcome.

Makerspace - Hands on activities that elicit creativity and exploration from students.

Band Hall**LAYOUT****EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard, magnetic	1	Below projector	1	5' x 10'	
Markerboard, magnetic	2	Music staff	1	5' x 10'	
Drinking Fountain	3	With bottle filling capabilities	2		
Acoustical Panels	4	Line walls; consult with acoustician			
Speaker	5		1		
Instructional Display Technology	6		1		
Wenger Instrument Storage Lockers	7	Instrument counts to be provided by Fine Arts Department			
Teacher Display Plate (TDP)	8		1		

Band Hall					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Music Stands	9		60		
Student Device Cart	10		1		
Riser	11	6 risers and 2 pie-shaped risers			
Student Chairs	12		60		
Notes:					
1. Acoustical consultant must be included in design team for design of all music and performance spaces.					
2. Provide 4' wide doors, in and out of room.					

Band Library

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Band Library	1		100	100	

PROGRAM DETAILS

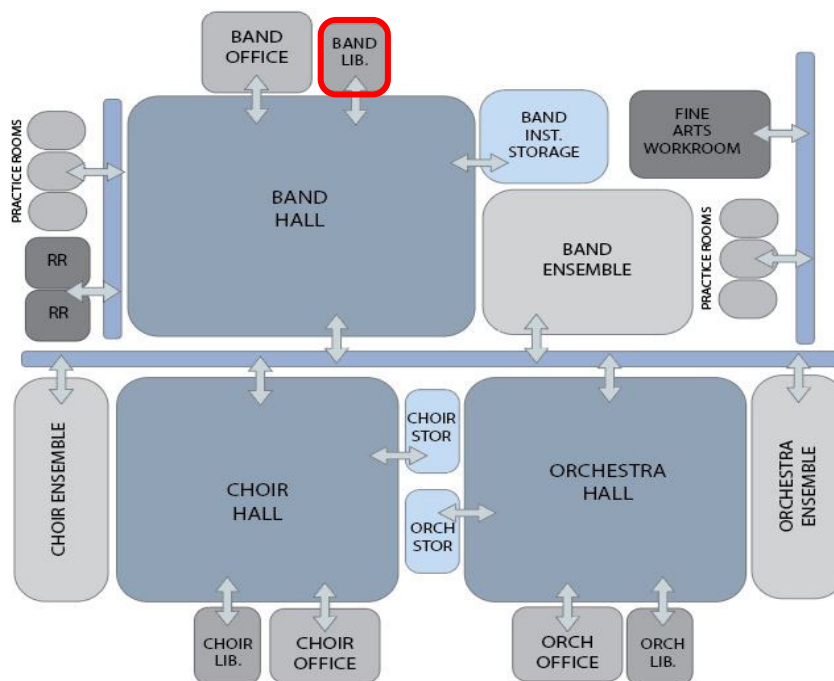
DESCRIPTION OF SPACE AND USES:

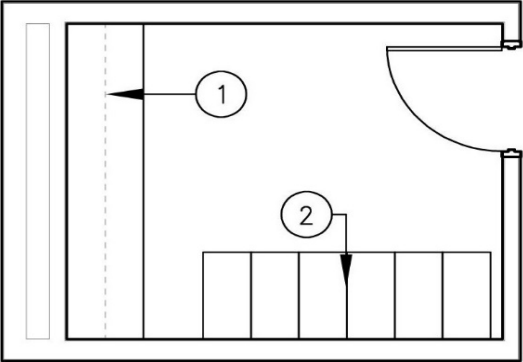
Storage of sheet and digital music.

SPATIAL RELATIONSHIP:

Locate adjacent to Band Hall.

RELATIONSHIP DIAGRAM



Band Library					
Band Library					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1	Line one wall			
Wenger Library Units	2	Line one wall			
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Band Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Band Office	1		180	180	

PROGRAM DETAILS

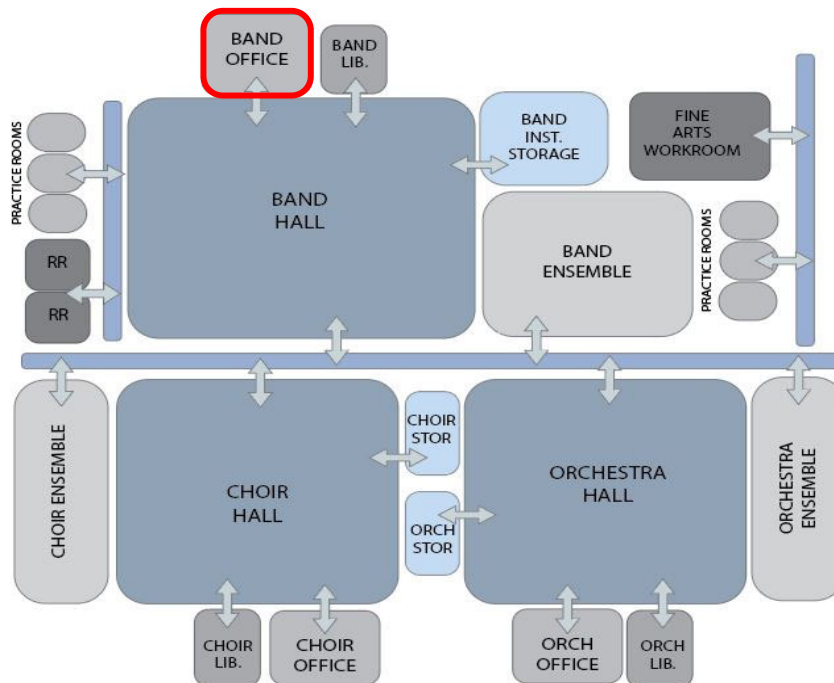
DESCRIPTION OF SPACE AND USES:

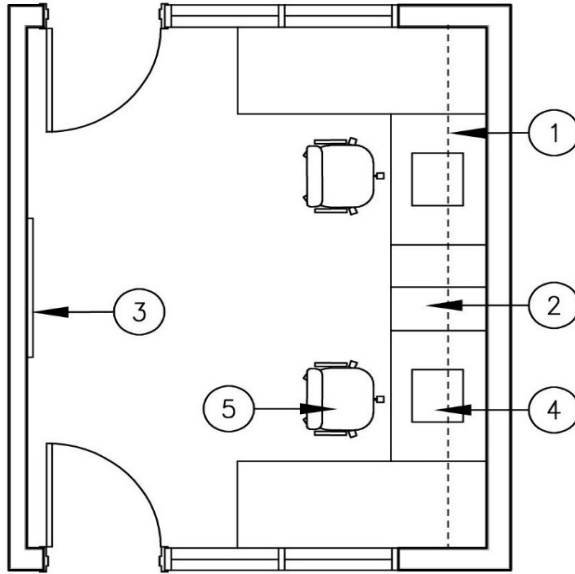
Administrative duties and supervision for Band teachers.

SPATIAL RELATIONSHIP:

Locate adjacent to Band Hall.

RELATIONSHIP DIAGRAM



Band Office					
Band Office					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1	With kneespaces			
Vertical File Cabinet Drawers	2	Under counter	2		
Markerboard	3		1	5' x 4'	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Office Tool Set	4		2		
Task Chair	5		2		
Notes:					
1. Provide windows to the Band Hall for visibility.					

Band Ensemble Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Band Ensemble Room	1		1,200	1,200	

PROGRAM DETAILS

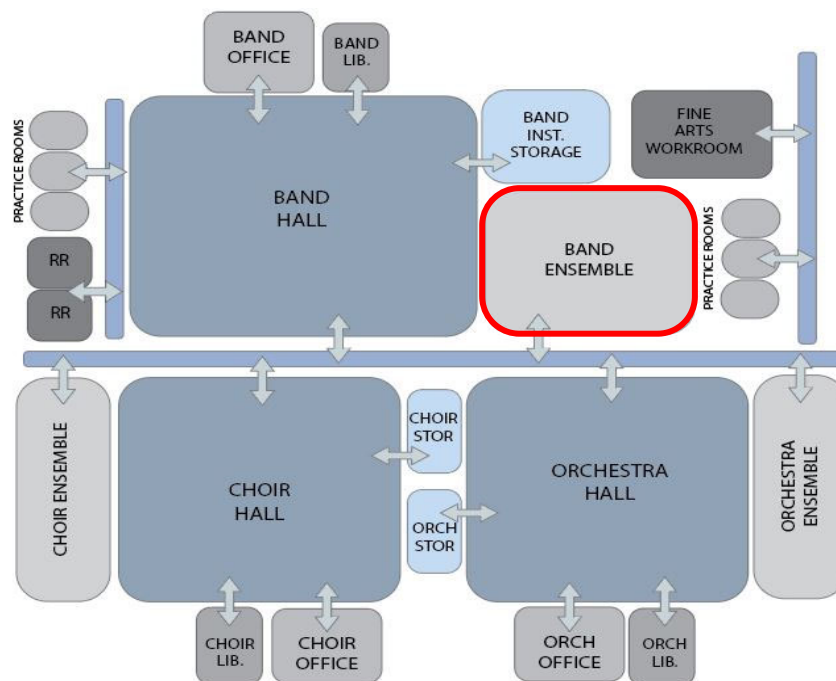
DESCRIPTION OF SPACE AND USES:

Music and instrument practice in a group setting.

SPATIAL RELATIONSHIP:

Locate within Band Area

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

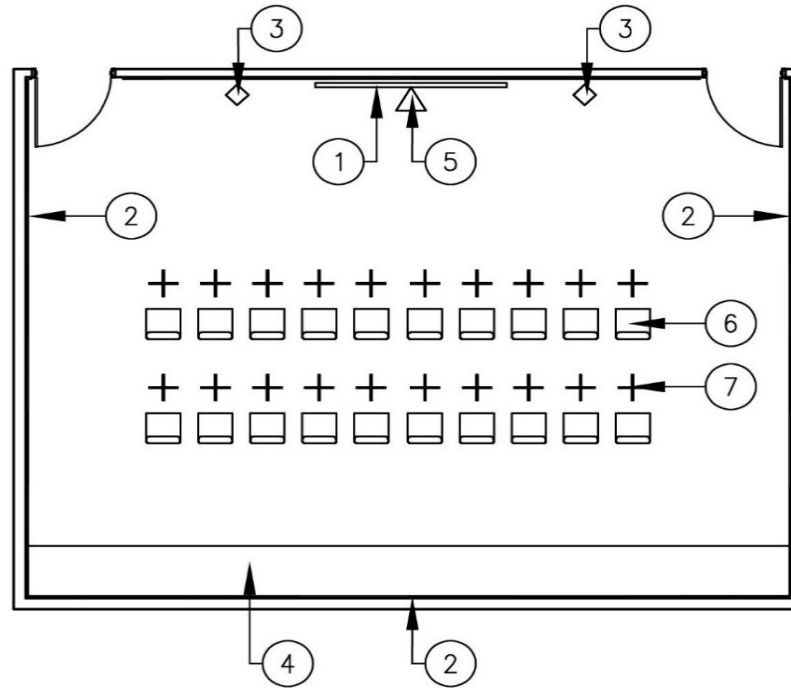
Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Band Ensemble Room

Project Based Learning - Team activities working towards a specific project goal or outcome.

Makerspace - Hands on activities that elicit creativity and exploration from students.

Band Ensemble Room**LAYOUT****EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard, magnetic	1		1	5' x 10'	
Acoustical Panels	2	Line walls; consult with acoustician			
Speakers	3		2		
Instrument Storage	4				
Instructional Display Technology	5		1		
NOT IN CONTRACT / OWNER PROVIDED					
Student Chairs	6		20		
Music Stands	7		20		

Notes:

1. Acoustical consultant must be included in design team for design of all music and performance spaces.
2. Provide 4' wide doors in and out of room.

Band Instrument Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Band Instrument Storage	1		300	300	

PROGRAM DETAILS

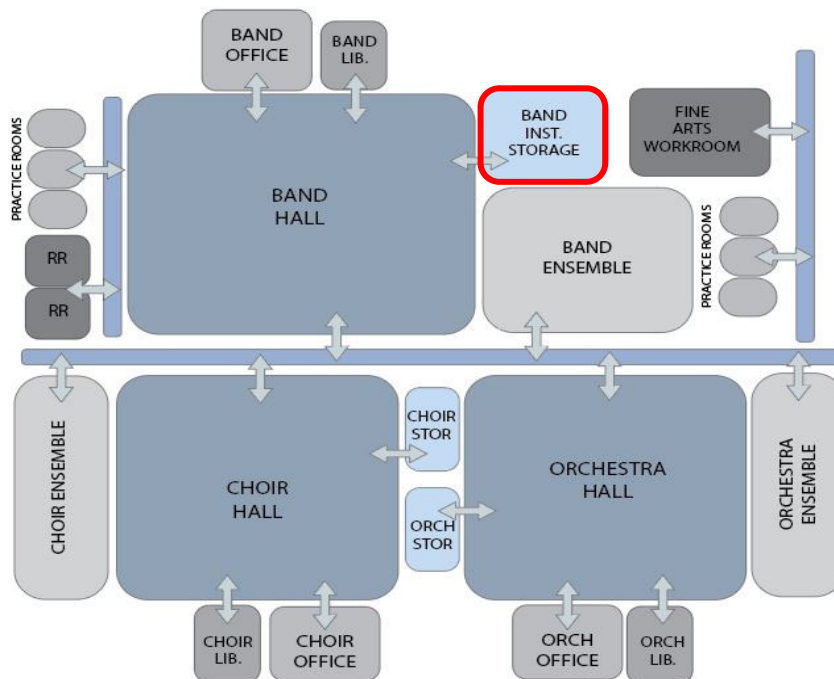
DESCRIPTION OF SPACE AND USES:

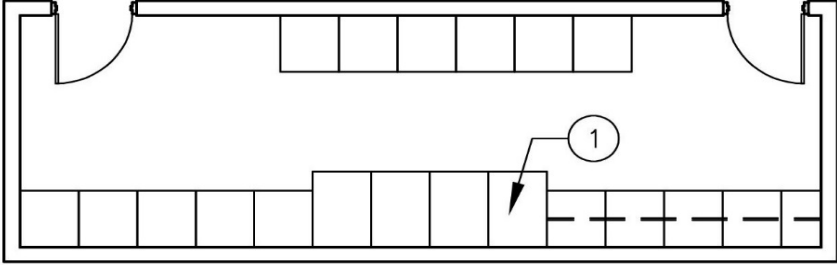
Storage of band instruments.

SPATIAL RELATIONSHIP:

Locate adjacent to Band Hall.

RELATIONSHIP DIAGRAM



Band Instrument Storage					
Band Instrument Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Wenger Instrument Storage	1	Line walls			
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					
1. Obtain instrument list from Fine Arts Department.					
2. Provide 4' wide doors in and out of room.					

Choir Hall

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Choir Hall	1		1,450	1,450	

PROGRAM DETAILS

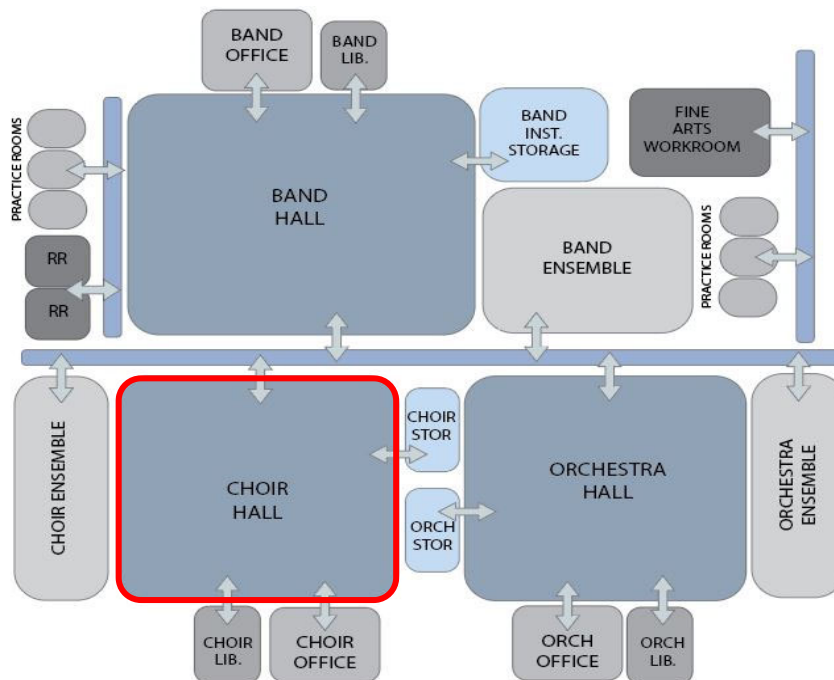
DESCRIPTION OF SPACE AND USES:

Music class provides student with basic training in voice production, general musicianship, and vocal performance. Music fundamentals are also taught.

SPATIAL RELATIONSHIP:

Locate in Fine Arts wing.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

Choir Hall

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

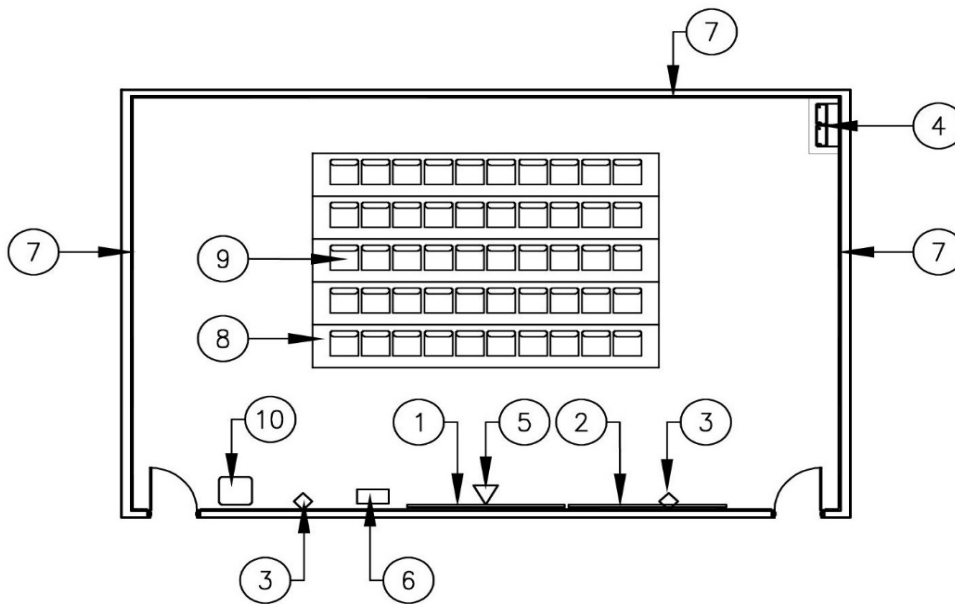
Blended Learning- Engaging, active learning through technology

Project Based Learning - Team activities working towards a specific project goal or outcome.

Makerspace - Hands on activities that elicit creativity and exploration from students.

Choir Hall

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

IN CONTRACT / CONTRACTOR PROVIDED

Markerboard, magnetic	1	Below projector	1	5' x 10'	
Markerboard, magnetic	2	With music staff	1	5' x 10'	
Speakers	3		2		
Drinking Fountains	4		2		
Instructional Display Technology	5		1		
Teacher Display Plate (TDP)	6		1		
Acoustical Panels	7	Line walls; consult with acoustician			

Choir Hall					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Risers	8	Wenger Seated	1 set		
Student Chairs	9		50		
Student Device Cart	10		1		
Notes:					
1. Acoustical consultant must be included in design team for design of all music and performance spaces.					
2. Provide 4' wide doors, in and out of room.					

Choir Library

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Choir Library	1		100	100	

PROGRAM DETAILS

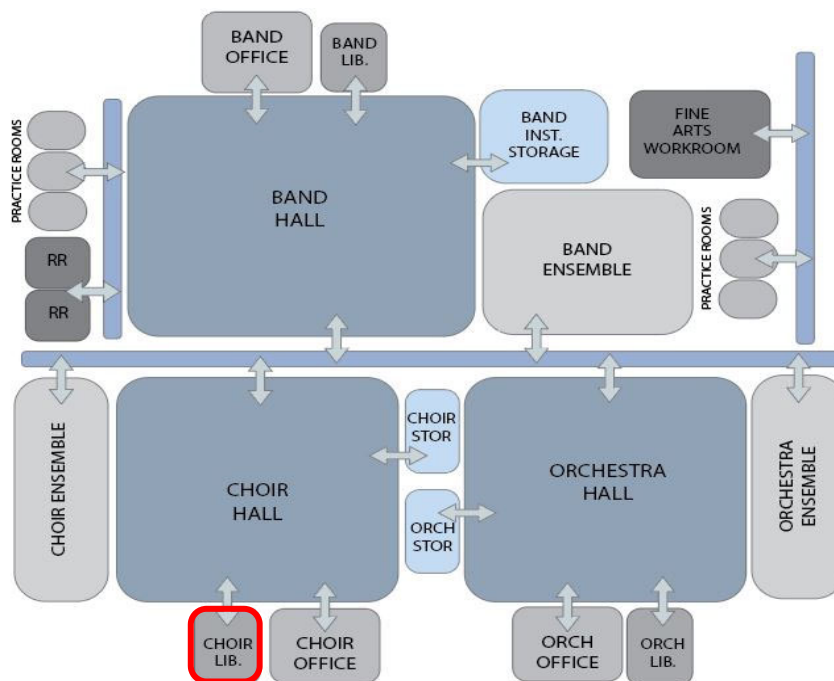
DESCRIPTION OF SPACE AND USES:

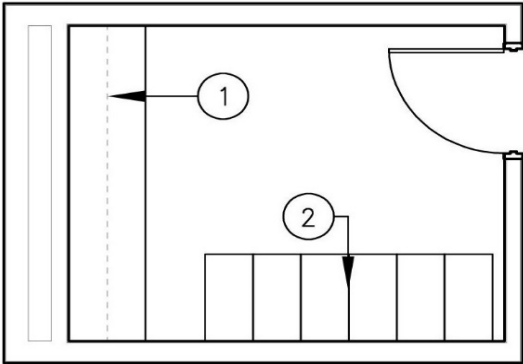
Storage of sheet and digital music.

SPATIAL RELATIONSHIP:

Locate adjacent to Choir Hall.

RELATIONSHIP DIAGRAM



Choir Library					
Choir Library					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1	Line one wall			
Wenger Library Units	2	Line one wall			
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Choir Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Choir Office	1		150	150	

PROGRAM DETAILS

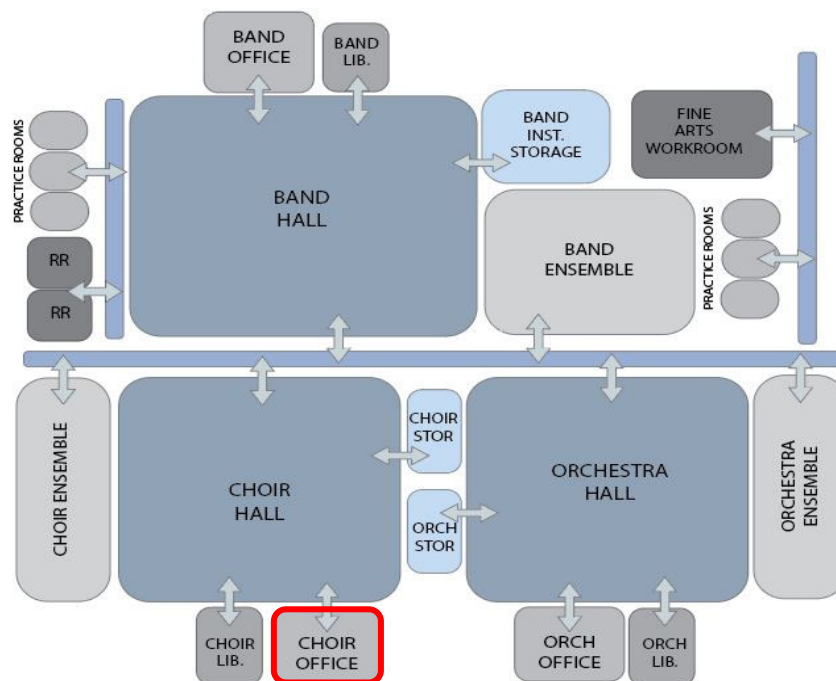
DESCRIPTION OF SPACE AND USES:

Administrative duties and supervision for Choir teachers.

SPATIAL RELATIONSHIP:

Locate adjacent to Choir Hall.

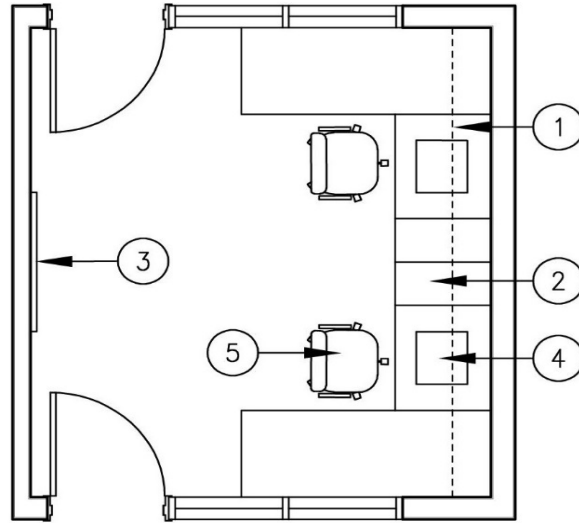
RELATIONSHIP DIAGRAM



Choir Office

Choir Office

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1	With kneespaces			
Vertical File Cabinet Drawers	2	Under counter	2		
Markerboard	3		1	5' x 4'	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Office Tool Set	4		2		
Task Chair	5		2		
Notes:					
1. Provide windows to the Choir Hall for visibility.					

Choir Ensemble Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Choir Ensemble Room	1		600	600	

PROGRAM DETAILS

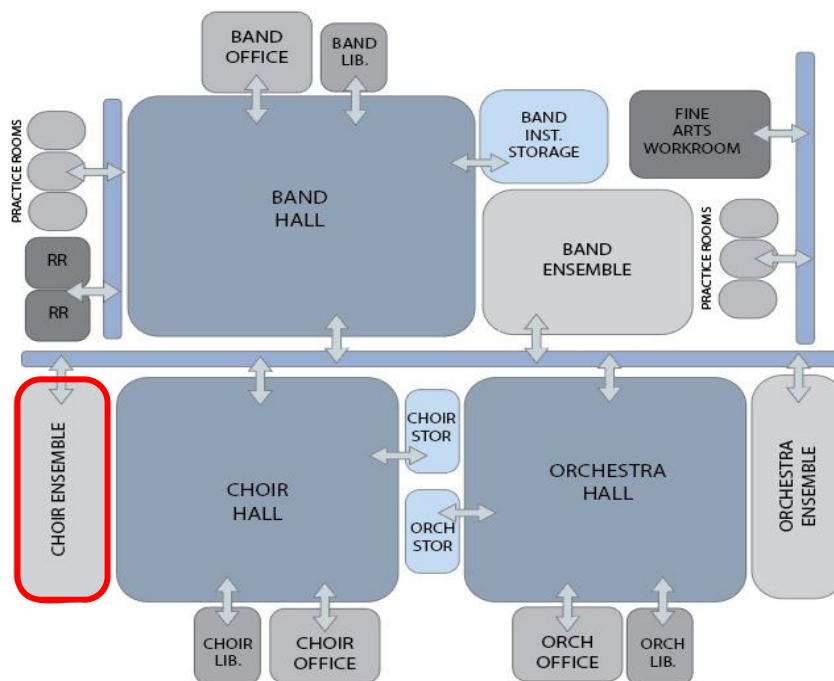
DESCRIPTION OF SPACE AND USES:

Music and instrument practice in group setting.

SPATIAL RELATIONSHIP:

Locate within Choir Area

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

Choir Ensemble Room

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

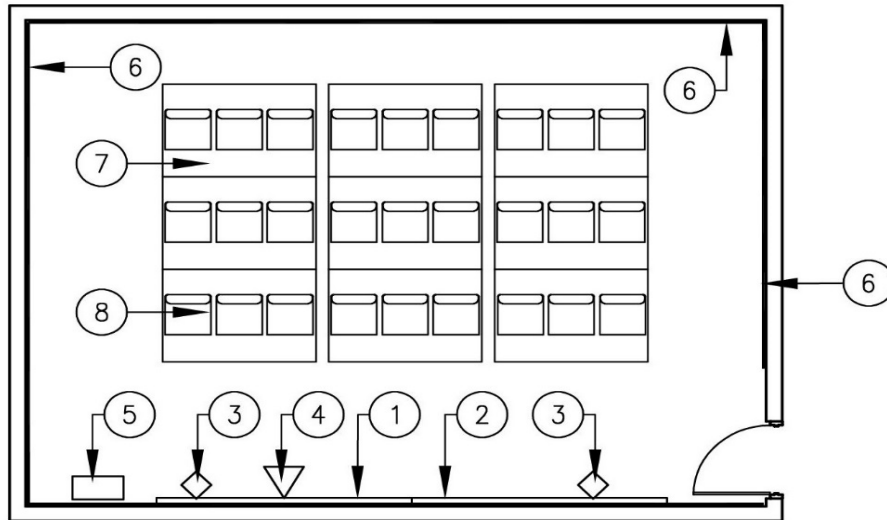
Blended Learning- Engaging, active learning through technology

Project Based Learning - Team activities working towards a specific project goal or outcome.

Makerspace - Hands on activities that elicit creativity and exploration from students.

Choir Ensemble Room

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard, magnetic	1		1	5' x 10'	
Markerboard, magnetic	2	With music staff	1	5' x 10'	
Speakers	3		2		
Instructional Display Technology	4		1		
Teacher Display Plate (TDP)	5		1		
Acoustical Panels	6	Line walls; consult with acoustician			

Choir Ensemble Room					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Risers	7	Wenger 6x4 standing risers	1		
Chairs	8		27		
Notes:					
1. Acoustical consultant must be included in design team for design of all music and performance spaces.					

Choir Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Choir Storage	1		150	150	

PROGRAM DETAILS

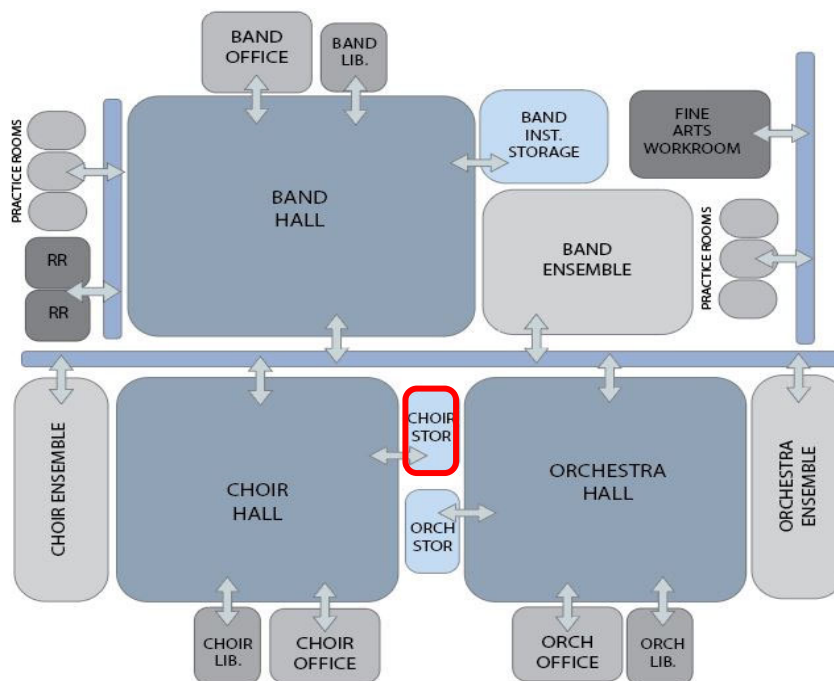
DESCRIPTION OF SPACE AND USES:

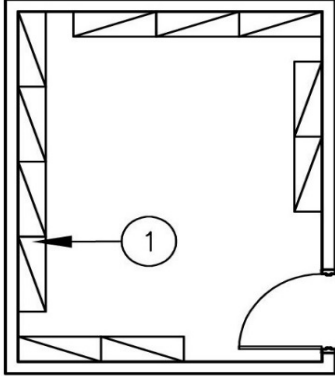
Storage of music and choir supplies

SPATIAL RELATIONSHIP:

Locate adjacent to Choir Hall.

RELATIONSHIP DIAGRAM



Choir Storage					
Choir Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line Walls		12' x 3' x 7'	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Orchestra Hall

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Orchestra Hall	1		1,600	1,600	

PROGRAM DETAILS

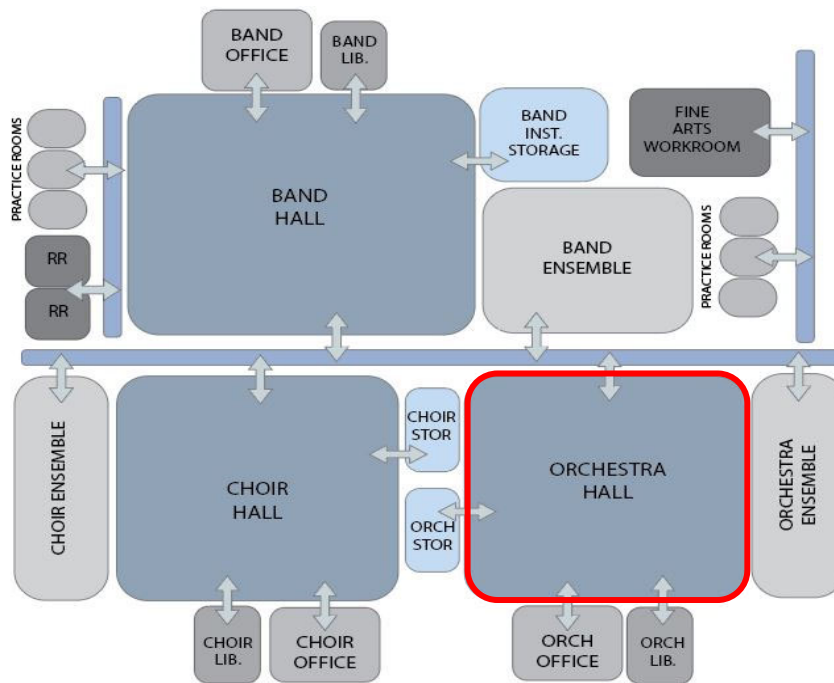
DESCRIPTION OF SPACE AND USES:

Music classes provide students with proper care and handling of instruments as well as fundamental tools to apply musical symbols and terms and beginner skills to play. Orchestra Hall is used in the study of musical instruments and music history.

SPATIAL RELATIONSHIP:

Locate in Fine Arts Wing.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

Orchestra Hall

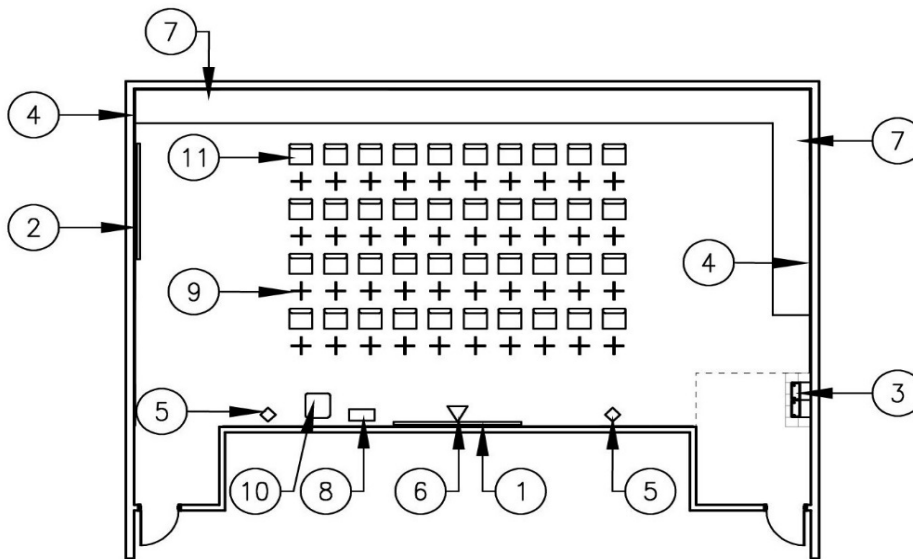
Blended Learning- Engaging, active learning through technology

Project Based Learning - Team activities working towards a specific project goal or outcome.

Makerspace - Hands on activities that elicit creativity and exploration from students.

Orchestra Hall

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard, magnetic	1	Below projector	1	5' x 10'	
Markerboard, magnetic	2	Music staff	1	5' x 10'	
Drinking Fountain	3		2		
Acoustical Panels	4	Line walls; consult with acoustician			
Speakers	5		2		
Instructional Display Technology	6		1		
Wenger Instrument Storage Lockers	7	Instrument counts to be provided by Fine Arts Department			
Teacher Display Plate (TDP)	8		1		

Orchestra Hall					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Music Stands	9		40		
Student Device Cart	10		1		
Student Chairs	11		40		
Notes:					
1. Acoustical consultant must be included in design team for design of all music and performance spaces.					
2. Provide 4' wide doors, in and out of room.					

Orchestra Library

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Orchestra Library	1		100	100	

PROGRAM DETAILS

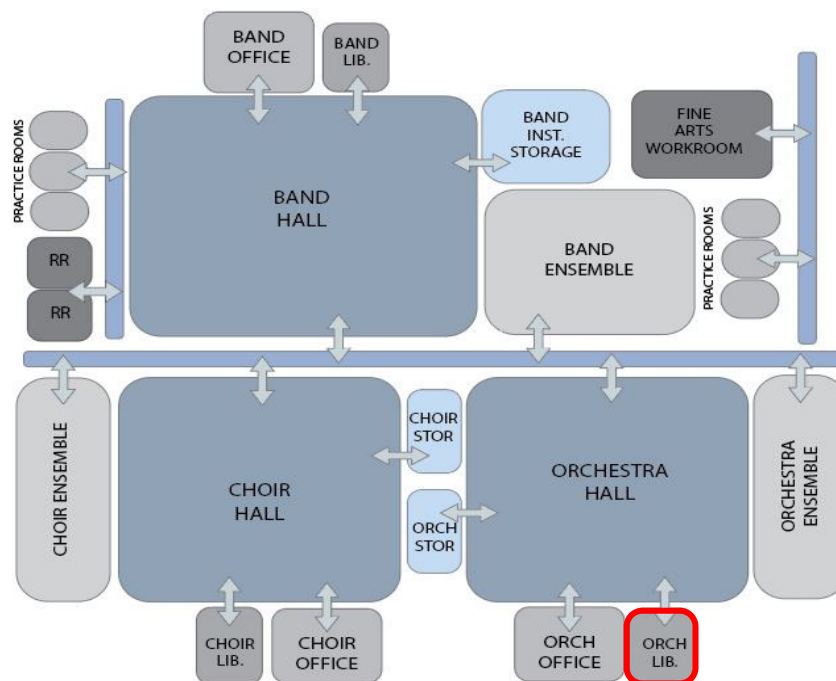
DESCRIPTION OF SPACE AND USES:

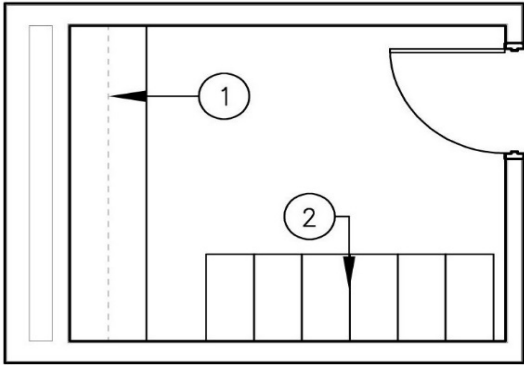
Storage of sheet and digital music.

SPATIAL RELATIONSHIP:

Locate adjacent to Orchestra Hall.

RELATIONSHIP DIAGRAM



Orchestra Library					
Orchestra Library					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1	Line one wall			
Wenger Library Units	2	Line one wall			
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Orchestra Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Orchestra Office	1		150	150	

PROGRAM DETAILS

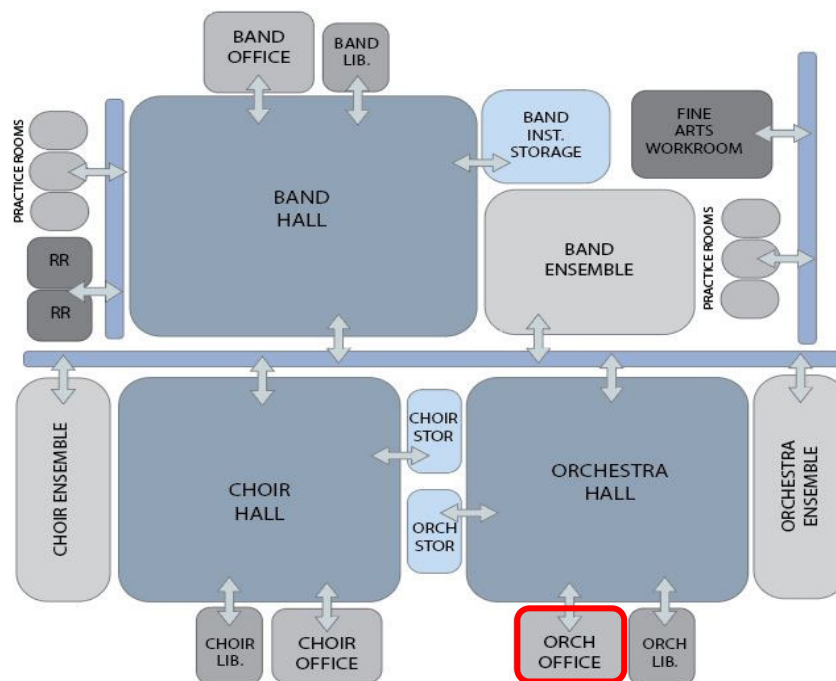
DESCRIPTION OF SPACE AND USES:

Administrative duties and supervision for Orchestra teachers.

SPATIAL RELATIONSHIP:

Locate adjacent to Choir Hall.

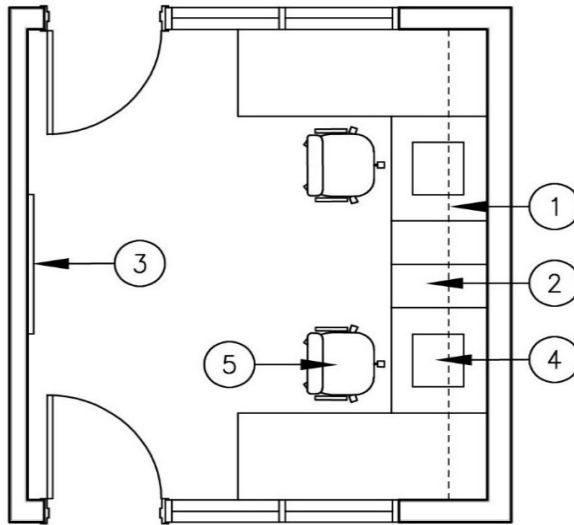
RELATIONSHIP DIAGRAM



Orchestra Office

Orchestra Office

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1	With kneespaces			
Vertical File Cabinet Drawers	2	Under counter	2		
Markerboard	3		1	5' x 4'	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Office Tool Set	4		2		
Task Chair	5		2		
Notes:					
1. Provide windows to the Orchestra Hall for visibility.					

Orchestra Ensemble Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Orchestra Ensemble Room	1		900	900	

PROGRAM DETAILS

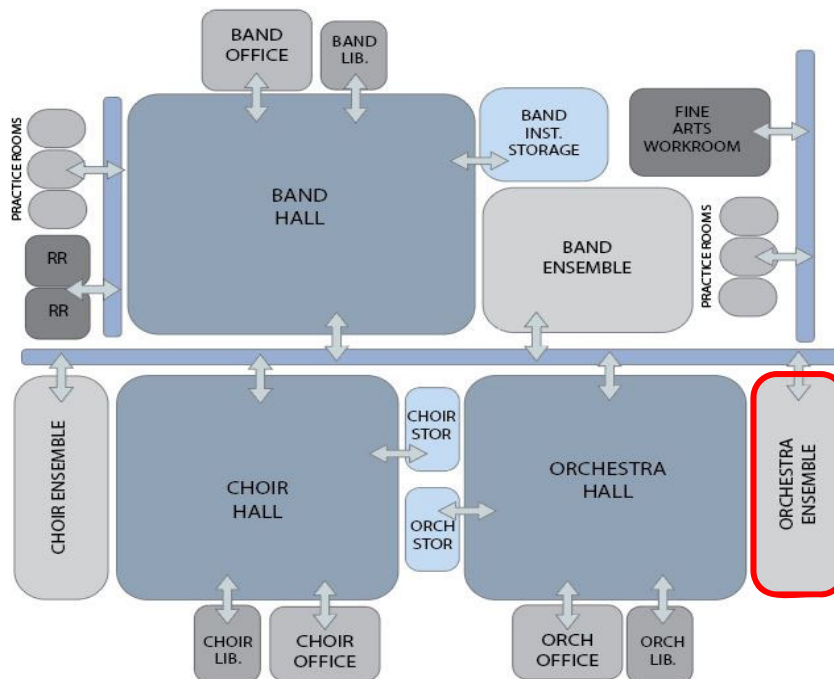
DESCRIPTION OF SPACE AND USES:

Music and instrument practice in group setting.

SPATIAL RELATIONSHIP:

Locate within Orchestra Area

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

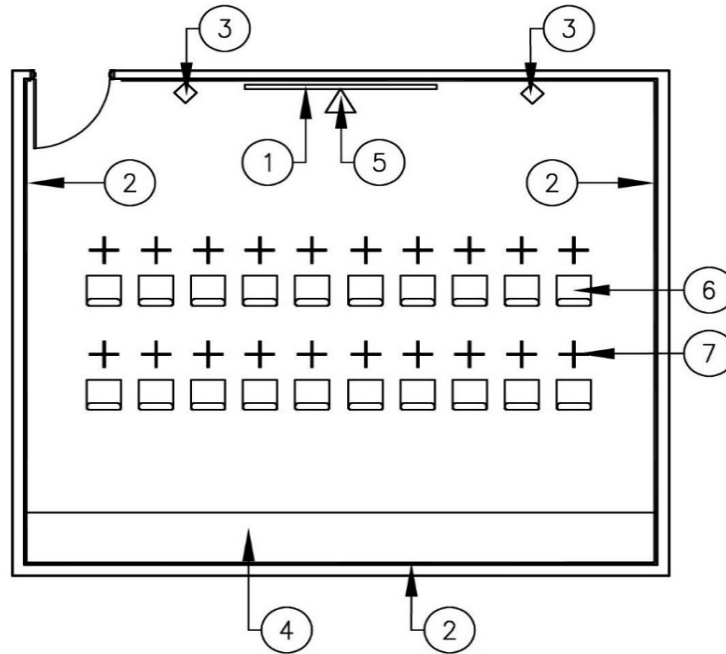
Orchestra Ensemble Room

Project Based Learning - Team activities working towards a specific project goal or outcome.

Makerspace - Hands on activities that elicit creativity and exploration from students.

Orchestra Ensemble Room

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard, magnetic	1		1	5' 10'	
Acoustical Panels	2	Line walls; consult with acoustician			
Speakers	3		2		
Instrument Storage	4				
Instructional Display Technology	5		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Chairs	6		20		
Music Stands	7		20		

Notes:

1. Acoustical consultant must be included in design team for design of all music and performance spaces.
2. Provide 4' wide doors in and out of room.

Orchestra Instrument Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Orchestra Instrument Storage	1		200	200	

PROGRAM DETAILS

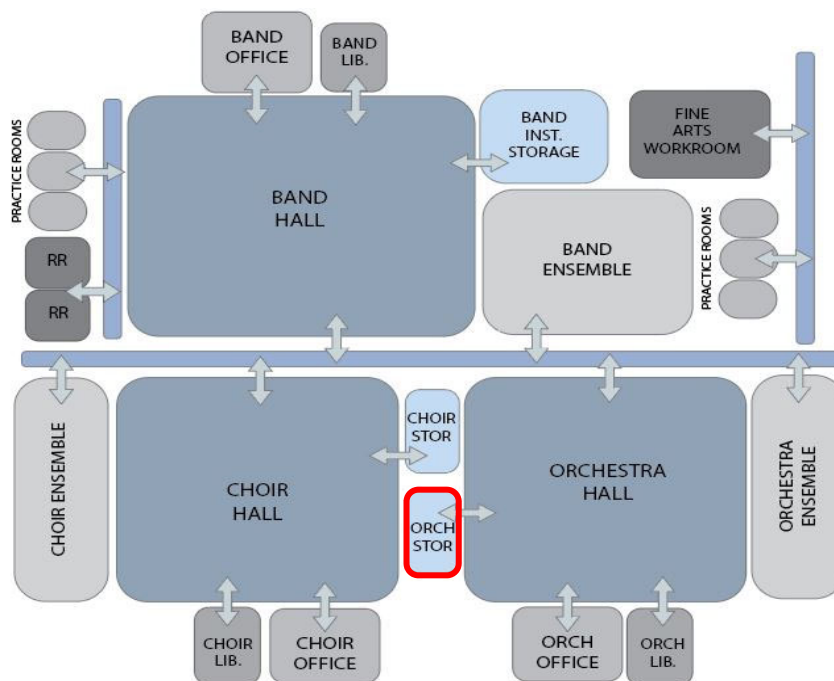
DESCRIPTION OF SPACE AND USES:

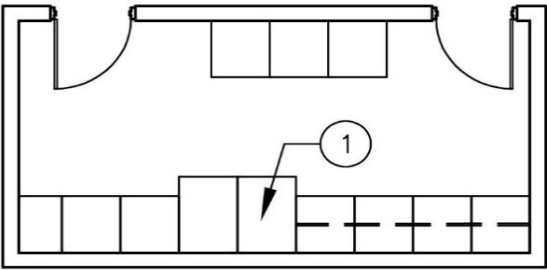
Storage of orchestra instruments.

SPATIAL RELATIONSHIP:

Locate adjacent to Orchestra Hall.

RELATIONSHIP DIAGRAM



Orchestra Instrument Storage					
Orchestra Instrument Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Wenger Instrument Storage	1	Line walls			
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					
1. Obtain instrument list from Fine Arts Department.					
2. Provide 4' wide doors in and out of room.					

Fine Arts Workroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Fine Arts Workroom	1		200	200	

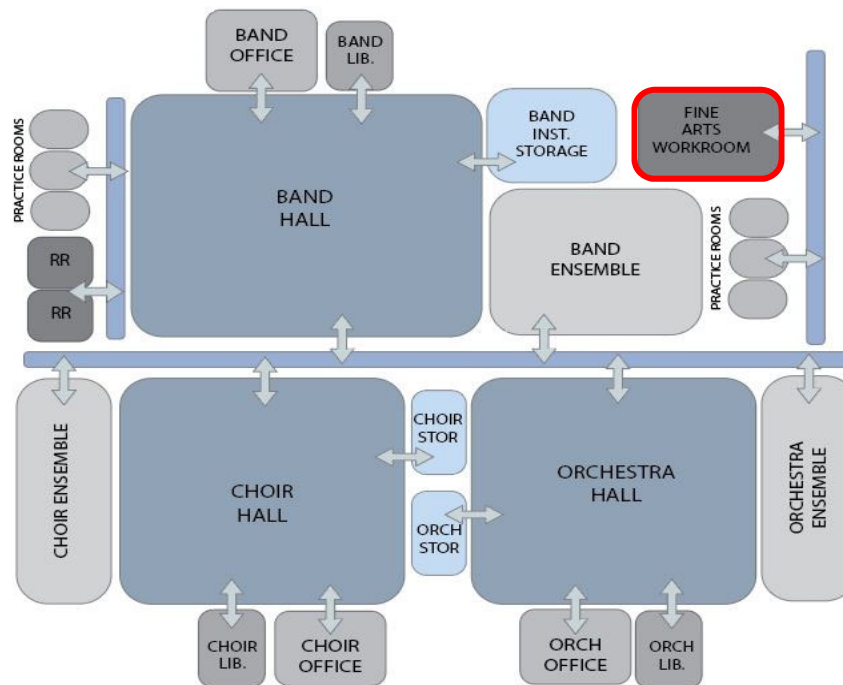
PROGRAM DETAILS

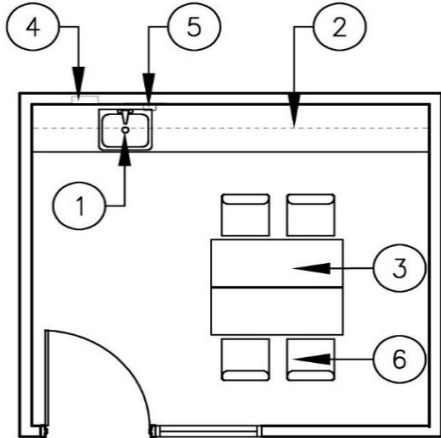
DESCRIPTION OF SPACE AND USES:

Administrative duties, work space for Fine Arts teachers.

SPATIAL RELATIONSHIP:

Locate centrally to other Fine Arts such as Band, Choir and Orchestra.



Fine Arts Workroom			Fine Arts Workroom		
Fine Arts Workroom			LAYOUT		
<div></div>					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Sink	1		1		
Upper and Lower Cabinets	2	Line 2 walls			
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Tables	3		2		
Paper Towel Dispenser	4	Contractor installed	1		
Soap Dispenser	5	Contractor installed	1		
Chair	6		4		
Notes:					

Shared Practice Rooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Shared Practice Rooms	6		80	480	

PROGRAM DETAILS

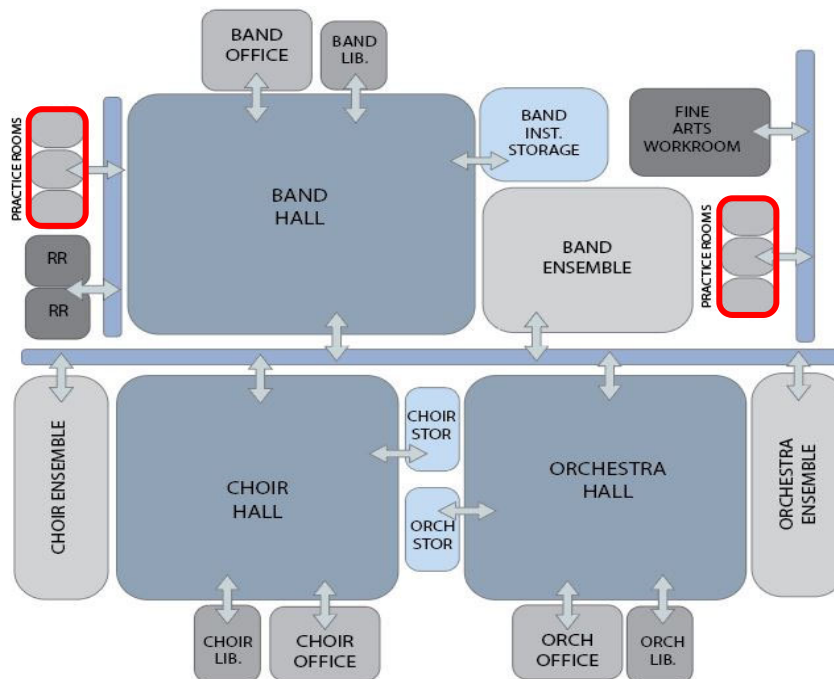
DESCRIPTION OF SPACE AND USES:

Individual student practice rooms.

SPATIAL RELATIONSHIP:

Locate within Band, Choir, & Orchestra Area.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

LEARNING ACTIVITIES:

Organized to facilitate a learner centered approach to instruction. Activities include whole class instruction, small group instruction (student-student and student-teacher), and individualized learning.

OTHER ACTIVITIES:

Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

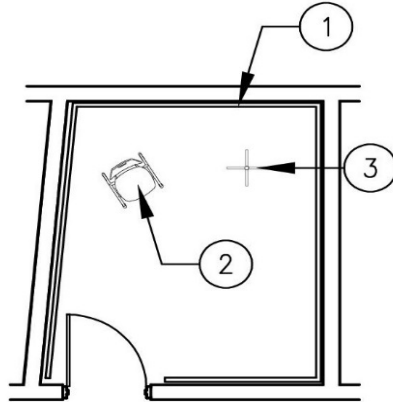
Shared Practice Rooms

Project Based Learning - Team activities working towards a specific project goal or outcome.

Makerspace - Hands on activities that elicit creativity and exploration from students.

Shared Practice Rooms

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

IN CONTRACT / CONTRACTOR PROVIDED

Acoustical Panels	1	Line walls; consult with acoustician	6		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

NOT IN CONTRACT / OWNER PROVIDED

Chair	2		1		
Music Stand	3		1		

Notes:

1. Acoustical consultant must be included in design team for design of all music and performance spaces.

Student Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Student Restrooms	2		250	500	One boy and one girl

PROGRAM DETAILS

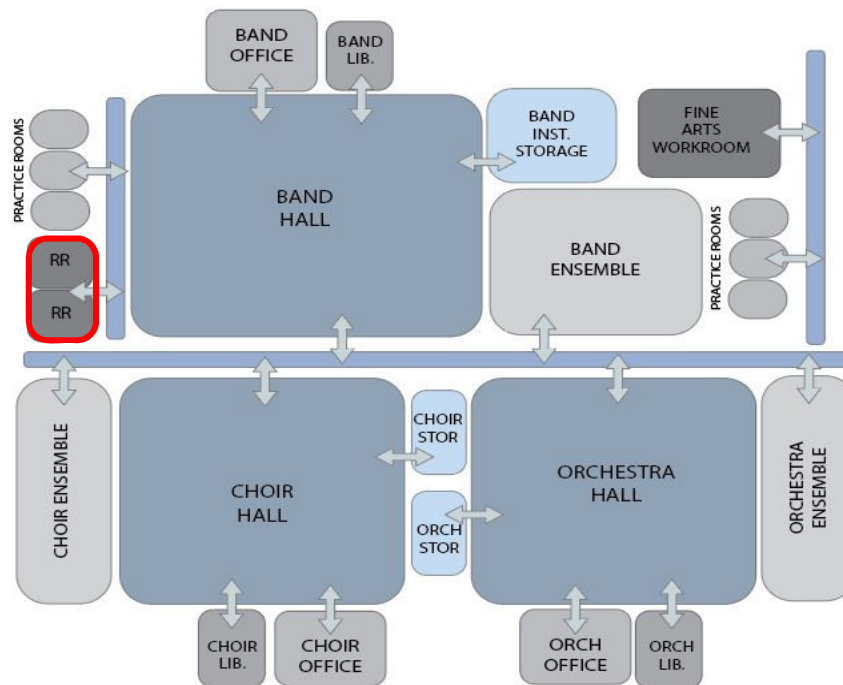
DESCRIPTION OF SPACE AND USES:

Student Restrooms

SPATIAL RELATIONSHIP:

One set (boys/girls) located close to Fine Arts spaces.

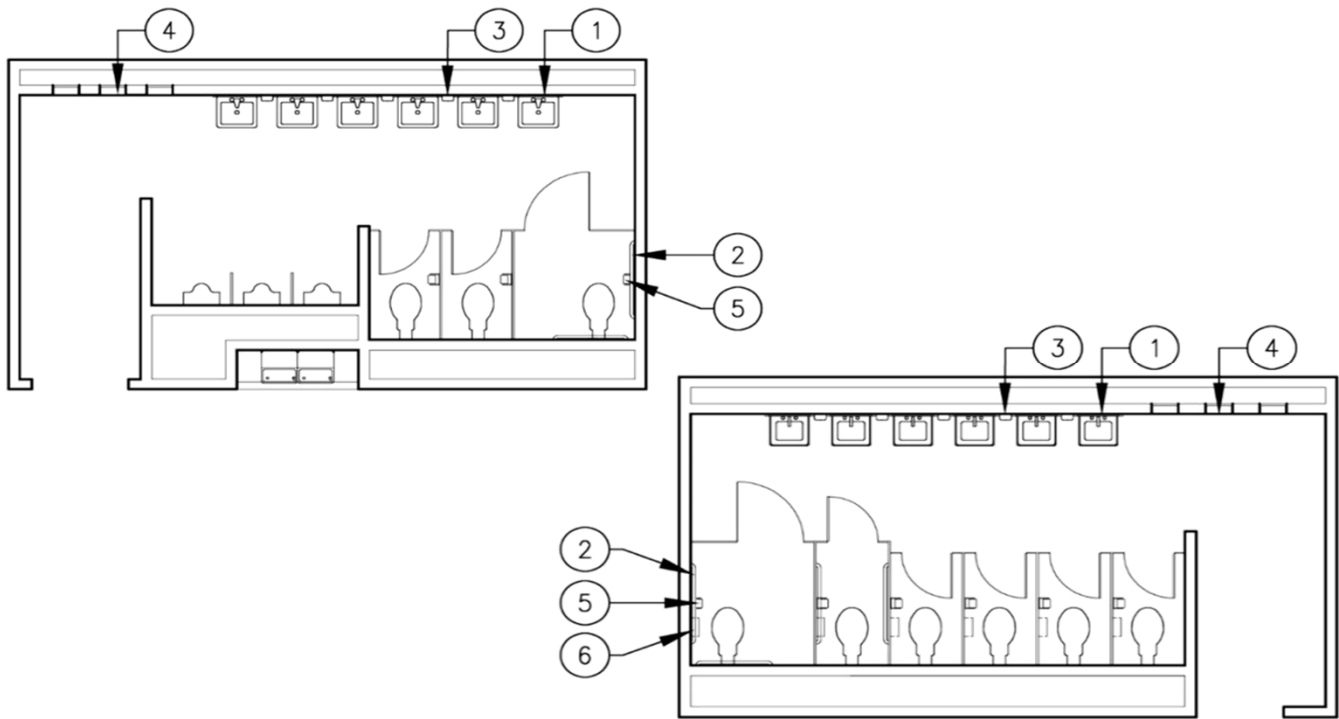
RELATIONSHIP DIAGRAM



Student Restrooms

Student Restrooms

LAYOUT



EQUIPMENT/FURNITURE

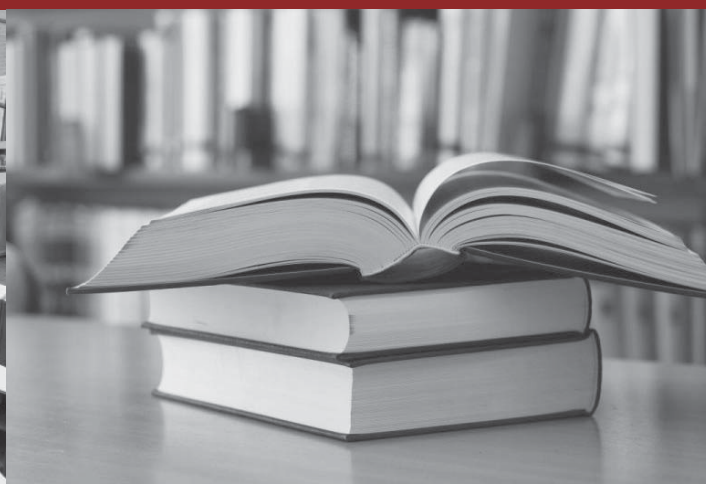
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		1		
Grab Bars	2		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	3	Contractor installed	5		
Paper Towel Dispenser	4	Contractor installed	3		
Toilet Paper Dispenser	5	Contractor installed	3		
Feminine Napkin Disposal (Girls Only)	6	Contractor installed	6		

Notes:

1. Two stalls (minimum) per restroom.



LIBRARY



1. PROGRAM DESCRIPTION

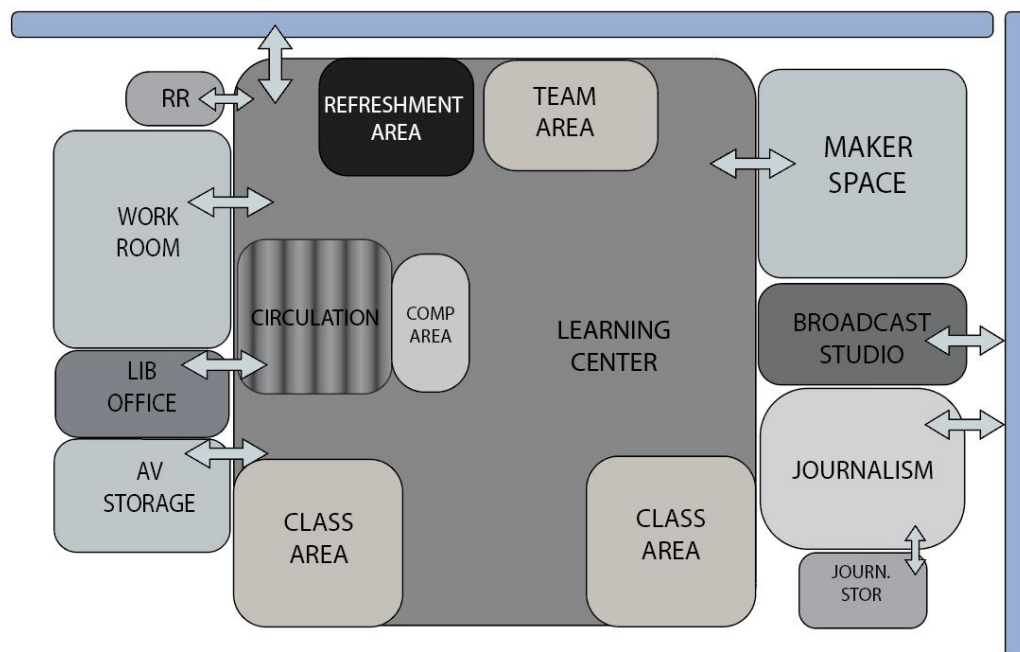
The Library area within middle schools is a centrally located gathering place for the campus. The space should be an area where students can gather for group learning and reading as well as book check-out, research and independent learning. Areas for project based learning and team activities have been created to encourage hands on learning and digital learning. The library also opens up to the main hallway through folding glass walls, allowing the space to be seamless with other school activities. A refreshment area provides access to nourishment and a setting for social connections to occur.



The Library should be flexible to allow multiple activities to take place at once. Furnishings need to be suited to diverse activities. Bookshelves should be located along the perimeter of the room whenever possible, while still allowing for plenty of natural light to the space.

Included in library is a Makerspace.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



Library/Learning Center

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Library/Learning Center	1		5,300	5,300	Library is preferred to be one-story. Size is based on capacity.

PROGRAM DETAILS

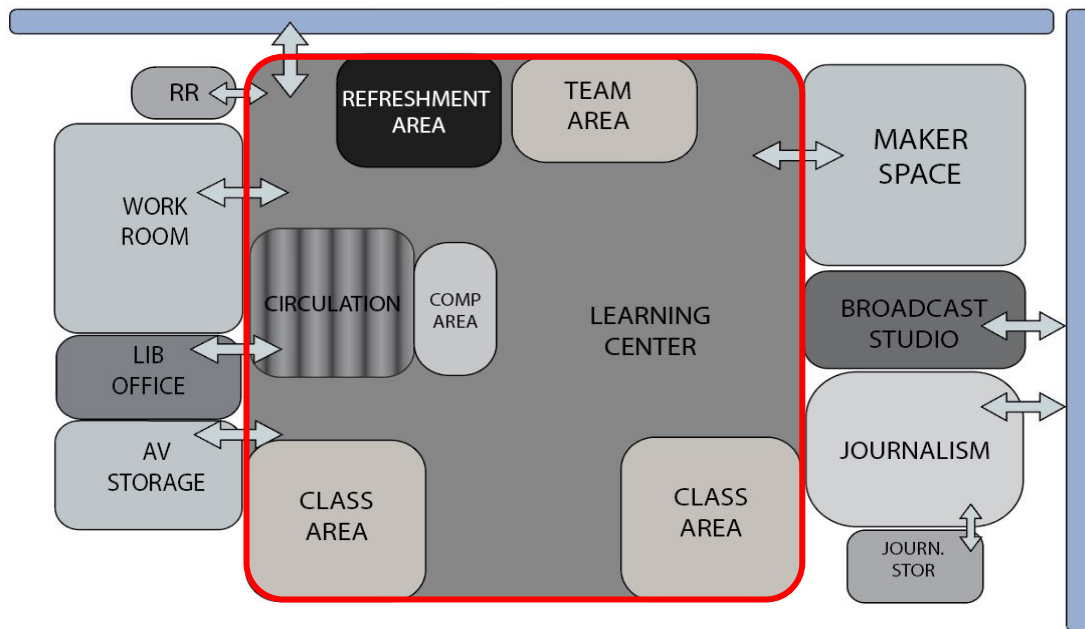
DESCRIPTION OF SPACE AND USES:

Previewing and checking out books, reading in story area or at tables; space also used for classroom instruction and independent study, use of technology for research, remediation and enrichment. After hours use for community, staff and tutorials.

SPATIAL RELATIONSHIP:

Library should be easily accessible to all classrooms however, should be isolated from noisy parts of the school. Library should be close to restrooms as part of the after hours use.

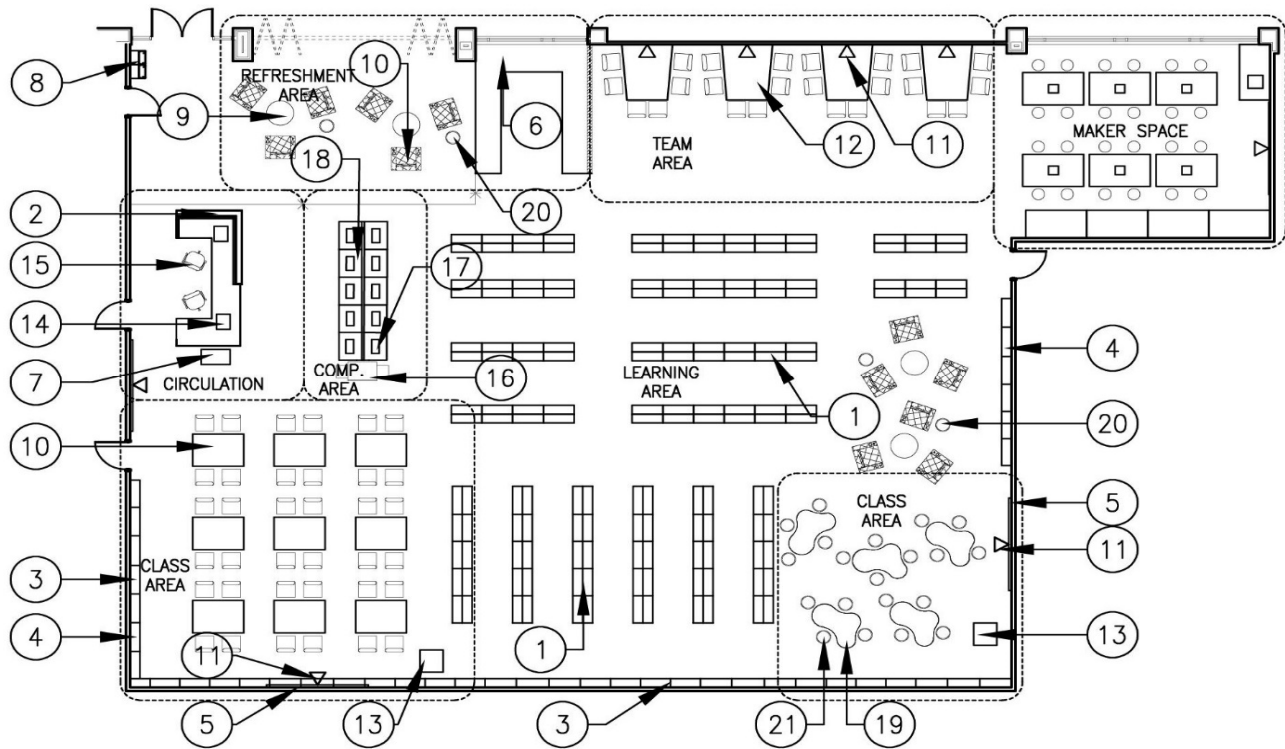
RELATIONSHIP DIAGRAM



Library/Learning Center

Library/Learning Center

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Moveable Shelves	1	On casters		42" high	
Circulation desk with book drop	2	Handicap accessible; book drop in front of desk	1		
Tall Shelving	3			84" tall	
Short Shelving	4	Windows above		42" tall	
Markerboard	5		2	5' x 10'	
Built-in Refreshment Serving Area	6	Millwork	1		
Book Truck	7		1		
Water Fountain	8	With bottle filling capabilities	2		
Coffee Table	9		4		
Soft Seating	10		12		
Instructional Display Technology	11		6		

Library/Learning Center					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	
NOT IN CONTRACT / OWNER PROVIDED					
Team Technology Tables	12		4		
Student Devices Cart	13		1		
Library Tool Set	14		2		
Task Chair	15		2		
Printer	16		1		
Library Reference	17		10		
Stand Up Desks	18	Counter height	10	34" high	
Amoeba Table	19		5		
Wobbly Stools	20		4		
Stools	21		20		
Notes:					
<ol style="list-style-type: none"> 1. Provide story corner for 25-30 students and independent study area for 35 students. 2. Provide seating areas and work tables close to stacks. 3. The Librarian and assistant need to be able to visually control the entire library from the circulation desk. 4. No newspaper rods or magazine racks as shelving options. 5. Provide windows above shelving along walls where possible. 6. Refreshment area to serve coffee and other packaged drinks and snacks. Provide sink and necessary food service equipment. Schedule meeting with FBISD Facilities to finalize scope. 7. Provide outdoor access for community use. 					

Makerspace**PROGRAM SPACES**

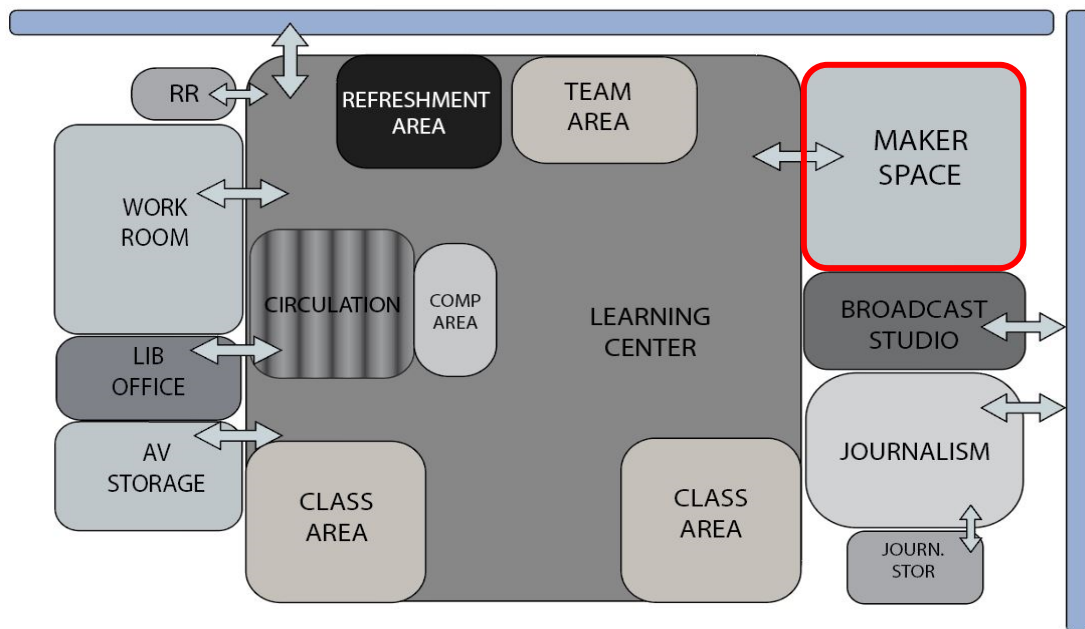
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Makerspace	1		500	500	Furniture should be on casters to be easily moveable. Lights should be dimmable.

PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Makerspace activities include building, crafting, technology activities, etc.

SPATIAL RELATIONSHIP:

Makerspace should be located within the Library - not an enclosed space.

RELATIONSHIP DIAGRAM

Makerspace					
Makerspace					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 10'	
Overhead Power Reels	2		6		
Storage Cabinets	3	Tote trays	5	3' x 6' x 30"	
Instructional Display Technology	4		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Tool Set	5		2		
Stools	6		24		
Table	7	On casters	7		
Notes:					
1. Tackable wall surface to display student work.					

A/V Storage**PROGRAM SPACES**

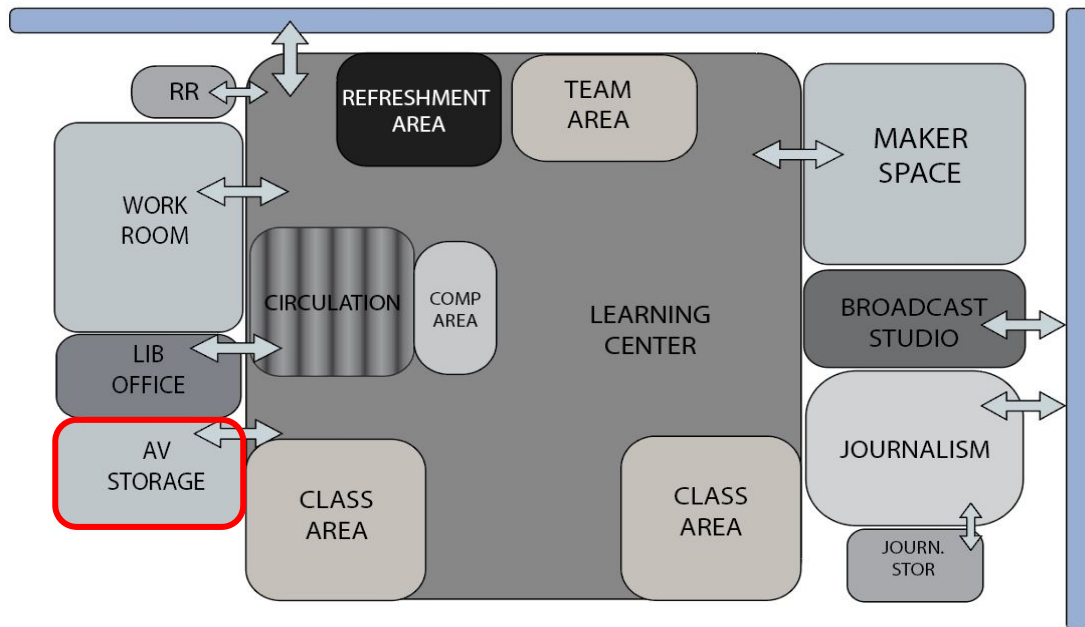
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
A/V Storage	1		200	200	

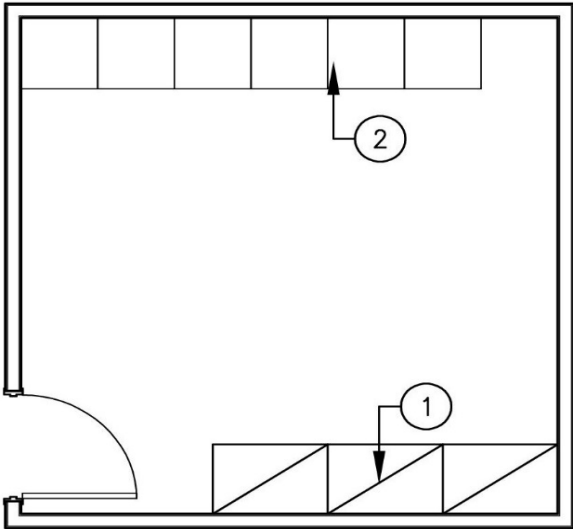
PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Storage of audio/visual equipment on rolling carts and charging carts for student devices.

SPATIAL RELATIONSHIP:

To be located with direct access to corridor and adjacent to library/workroom.

RELATIONSHIP DIAGRAM

A/V Storage					
A/V Storage					LAYOUT
 <p>The diagram shows a rectangular room layout. Along the top wall, there are six rectangular shelving units. An arrow labeled with a circled '2' points to the second unit from the left. Along the bottom wall, there are three rectangular storage carts. An arrow labeled with a circled '1' points to the first cart from the left. A door is indicated on the left wall, opening outwards.</p>					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Tall Shelving Unit	1	Adjustable Shelves	3	36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Devices Storage Carts	2		6		
Notes:					
1. Allow space for student devices storage cart charging along one entire wall. Provide dedicated electrical outlets for a minimum of eight (8) carts.					

Librarian Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Librarian Office	1		120	120	

PROGRAM DETAILS

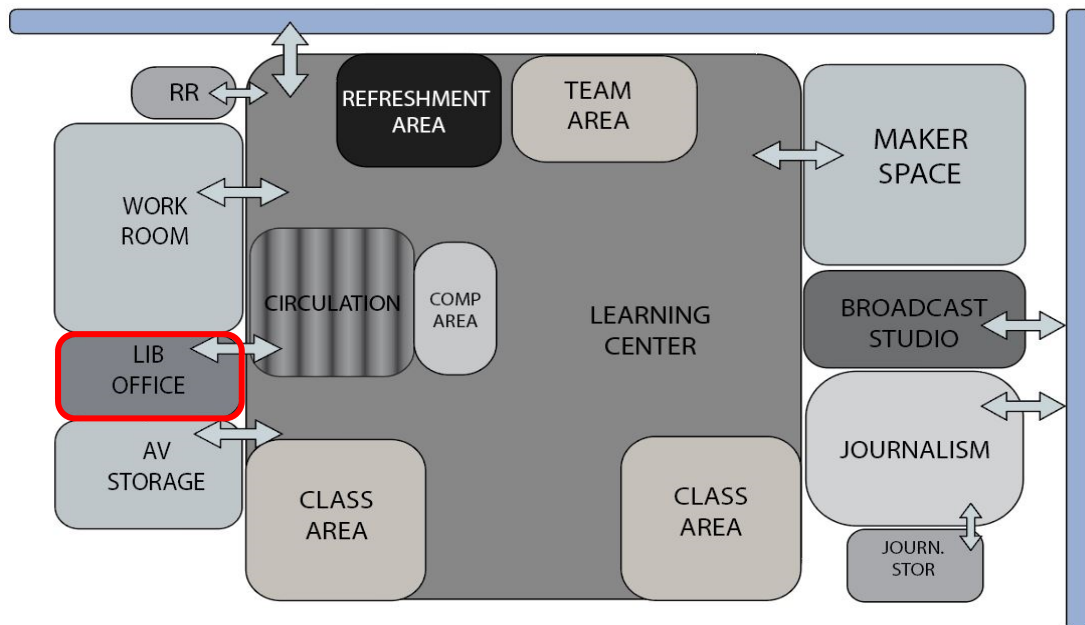
DESCRIPTION OF SPACE AND USES:

Administrative Work and observation of library spaces.

SPATIAL RELATIONSHIP:

Library office should be adjacent to Library near circulation desk with glass for supervision and positioned so seating/stacks can be visually controlled from office.

RELATIONSHIP DIAGRAM



Librarian Office					
Librarian Office		LAYOUT			
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Teacher Wardrobe	1		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Desk	2	With return	1		
Credenza	3		1		
Task Chair	4		1		
Librarian Tool Set	5		1		
Chair	6		2		
Notes:					
1. Provide window to library for supervision.					

Librarian Workroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Librarian Workroom	1		460	460	

PROGRAM DETAILS

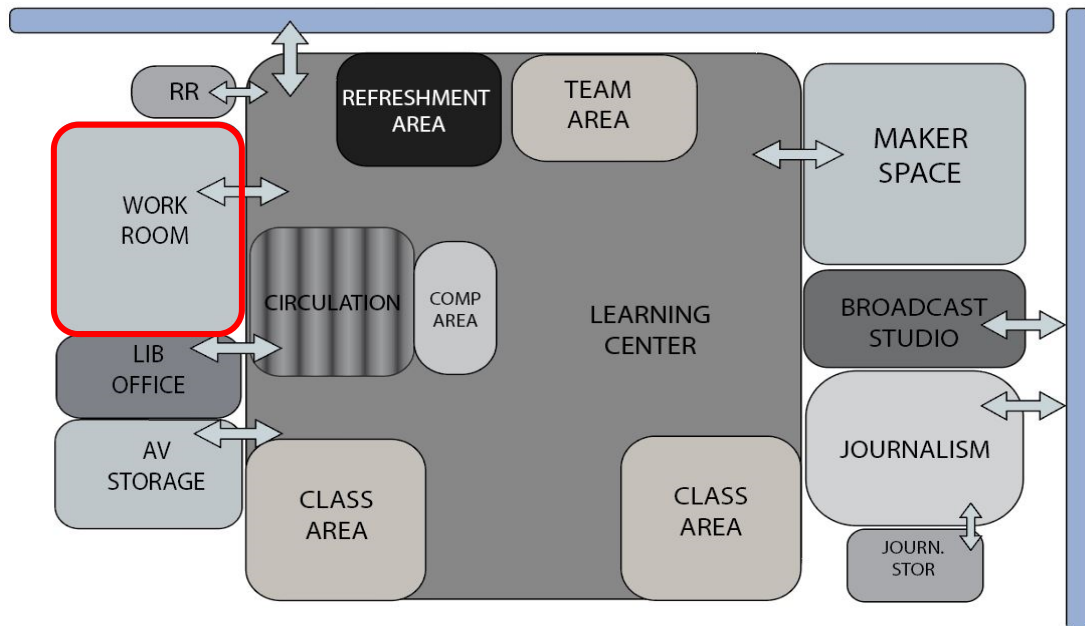
DESCRIPTION OF SPACE AND USES:

Administrative tasks.

SPATIAL RELATIONSHIP:

Library workroom should be adjacent to Library near circulation desk with glass for supervision and positioned so seating/stacks can be visually controlled from workroom.

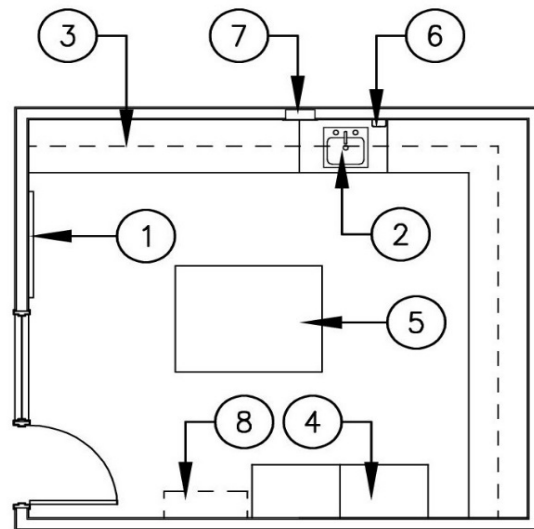
RELATIONSHIP DIAGRAM



Librarian Workroom

Librarian Workroom

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 4'	
Sink	2				
Upper and Lower Open Cabinets	3	Line walls			
Tall Shelving	4	For books in need of repair	2	36" x 24" x 84"	
Built-in Worktable	5		1	5' x 4'	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	6	Contractor installed	1		
Paper Towel Dispenser	7	Contractor installed	1		
Laminator	8	Future	1		

Notes:

1. Provide window to library for supervision.

Library Restroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Library Restroom	1	N/A	60	60	If located off public corridor, privacy or key access locks to be provided.

PROGRAM DETAILS

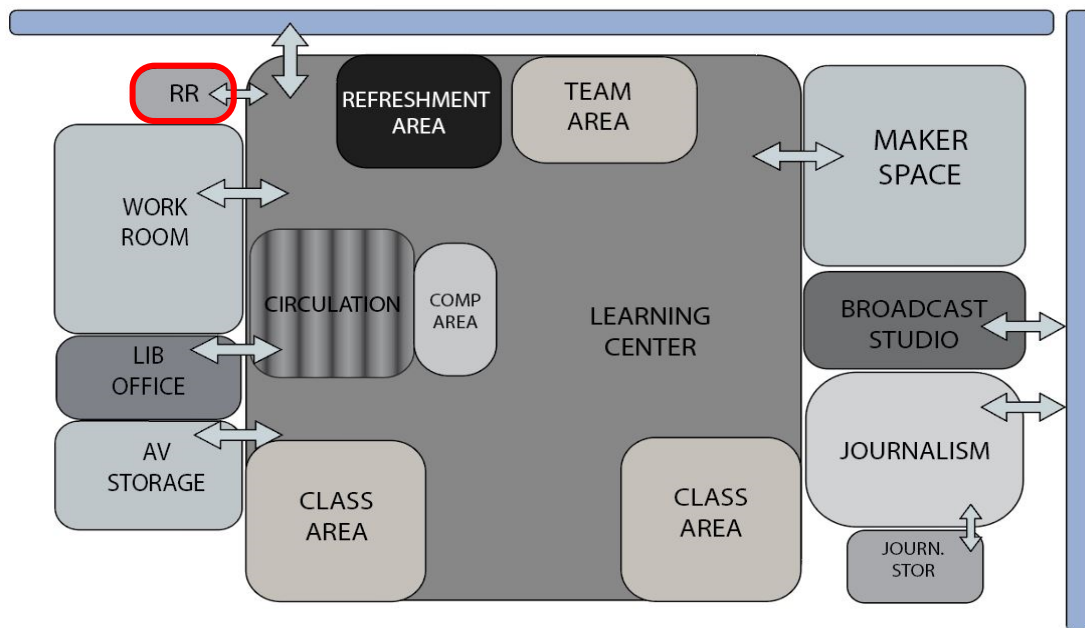
DESCRIPTION OF SPACE AND USES:

Single user restrooms for students, staff and/or visitors.

SPATIAL RELATIONSHIP:

Located within or adjacent to Library in order for restroom to be used when rest of school is closed and Library is open.

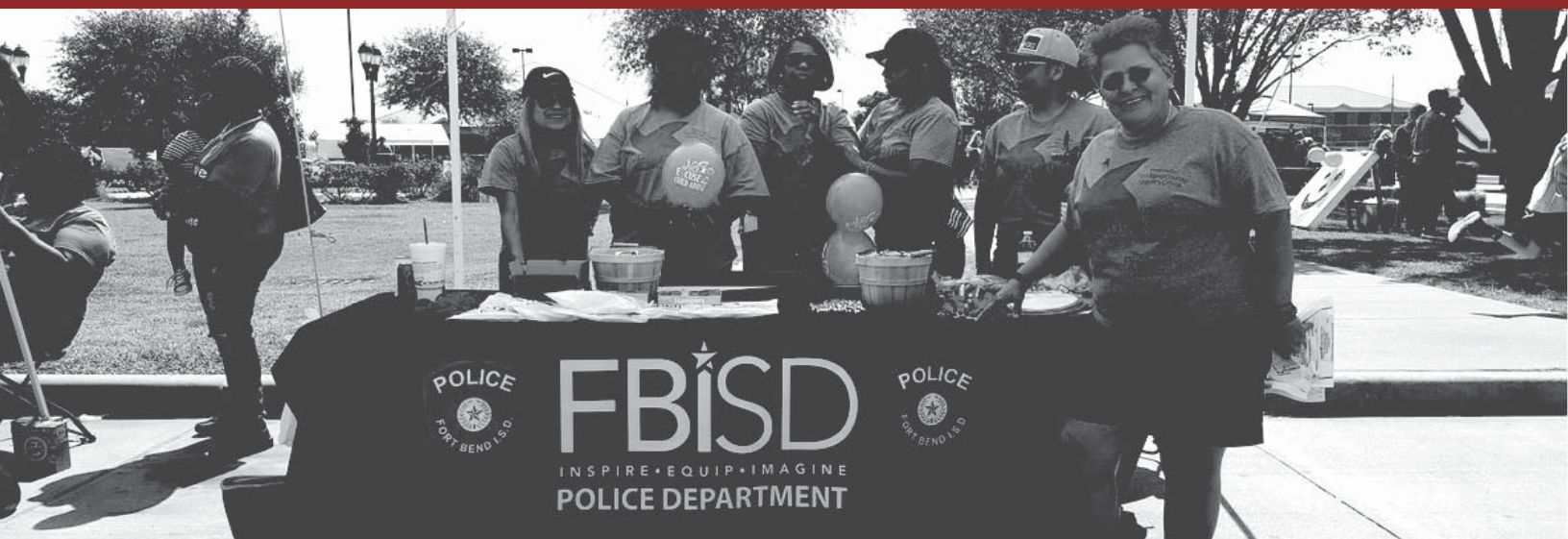
RELATIONSHIP DIAGRAM



Library Restroom					
Library Restroom					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		1		
Grab Bars	2		2		
Drinking Fountain	3	With bottle filling capabilities	2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Toilet Paper Dispenser	4	Contractor installed	1		
Feminine Napkin Disposal	5	Contractor installed	1		
Soap Dispenser	6	Contractor installed	1		
Paper Towel Dispenser	7	Contractor installed	1		
Notes:					



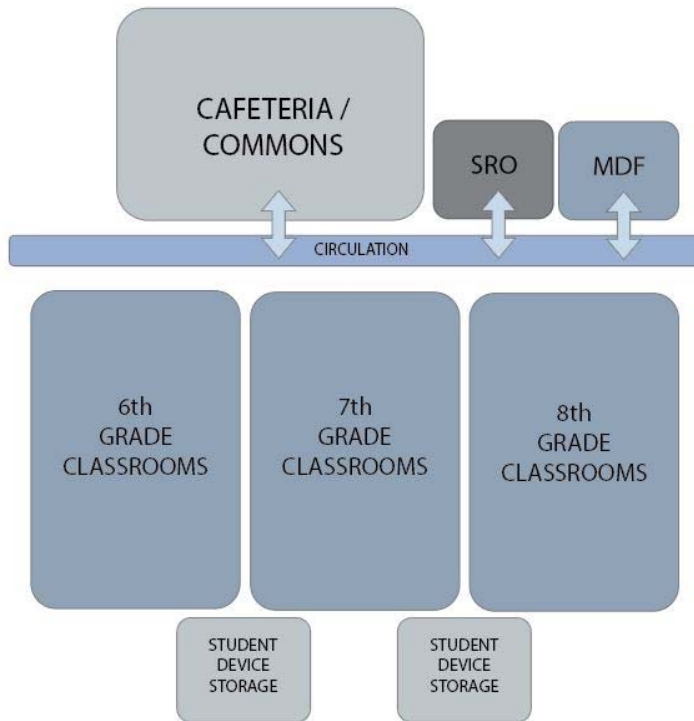
SECURITY



1. PROGRAM DESCRIPTION

Security/police office space should be provided for the School Resource Officer (SRO), and should be centrally located in a convenient location for students and preferably adjacent to the commons area to provide visibility into a main gathering area for students.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



3. PROGRAM OF SPACE

Space/Function	Qty	SF	Total SF	Notes
SECURITY				
School Resource Officer (SRO)	1	200	200	
SECURITY SUBTOTAL:			200	

4. FINISHES

	Walls				Floor		Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Tile	2x2 Acoustical Lay-In	Exposed	
School Resource Office (SRO)	X				X		X		

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
School Resource Officer	1		200	200	

PROGRAM DETAILS

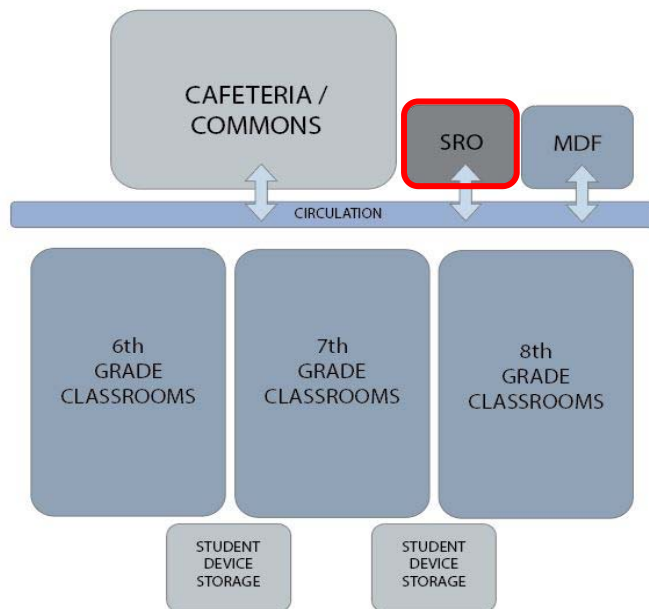
DESCRIPTION OF SPACE AND USES:

Holding area with meeting space.

SPATIAL RELATIONSHIP:

Locate centrally near cafeteria, with access to main hallway.

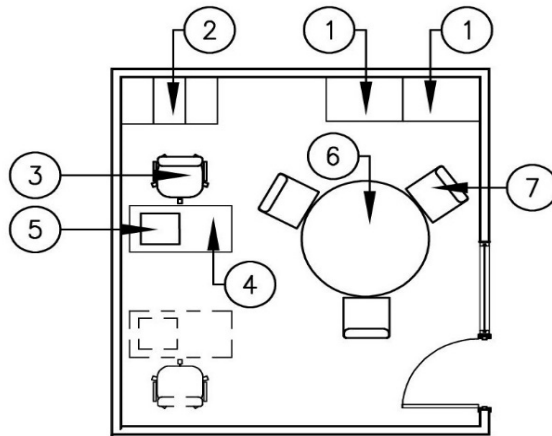
RELATIONSHIP DIAGRAM



School Resource Officer

School Resource Officer

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

IN CONTRACT / CONTRACTOR PROVIDED

Teacher Wardrobe	1	Lockable	2		
Vertical File Cabinets	2		3		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

NOT IN CONTRACT / OWNER PROVIDED

Task Chair	3	One future	2		
Desk	4	One future	2		
Office Tool Set	5	One future	2		
Table	6	Round	1		
Chair	7		3		

Notes:

1. Provide window to hallway for visibility and supervision.



TECHNOLOGY



1. PROGRAM DESCRIPTION

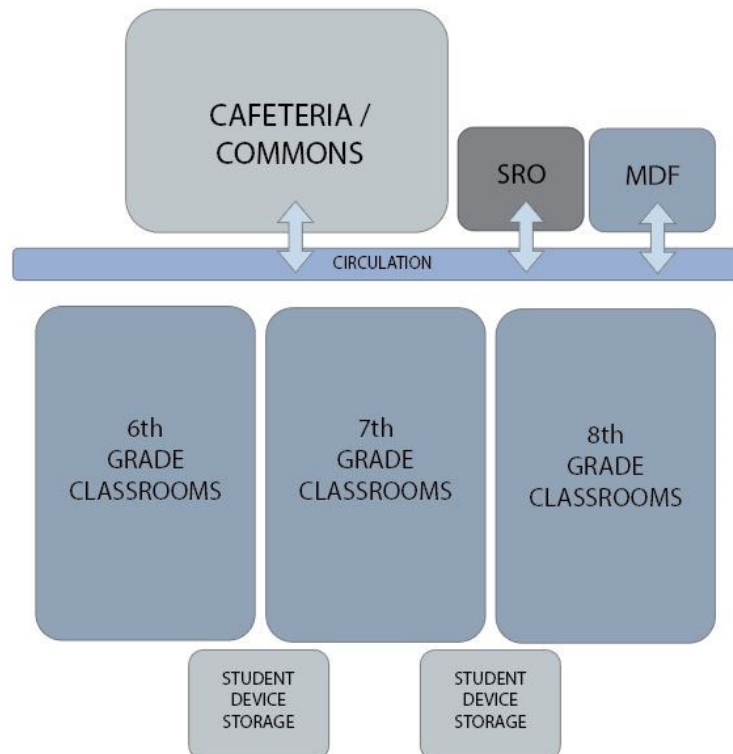


Technology at middle school campuses will include an office for IT, storage for Student Devices Cart storage, a main frame distribution (MDF) room and several intermediate distribution frame (IDF) rooms located throughout the campus.

IT office will be located in Administration suite. Student devices cart storage should be located close to classroom spaces.

Technology spaces for schools vary in use, however, the MDF room should be centrally located to best serve the school. IDF rooms shall be located throughout the campus in compliance with Technology Standards.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



3. PROGRAM OF SPACE

Space/Function	Qty	SF	Total SF	Notes
TECHNOLOGY				
IT Office	1	150	150	
Student Devices Cart Storage	2	100	200	
MDF Rooms	1	150	150	
IDF Computer Room	7	100	700	Verify quantity with floor plan design
TECHNOLOGY SUBTOTAL:			1,200	

4. FINISHES

	Walls				Floor		Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Tile	2x2 Acoustical Lay-In	Exposed	
IT Office			X		X		X		
Student Devices Cart Storage	X				X		X		
MDF Rooms	X				X			X	
IDF Computer Room	X				X			X	

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
IT Office	1		150	150	

PROGRAM DETAILS

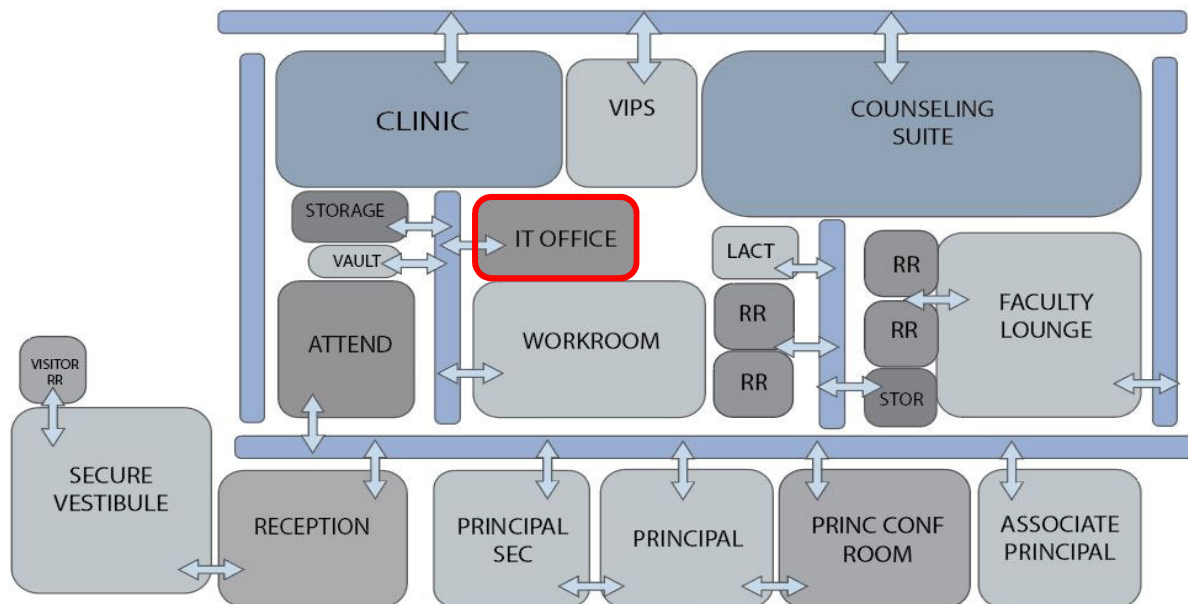
DESCRIPTION OF SPACE AND USES:

Office/workspace for IT personnel.

SPATIAL RELATIONSHIP:

Locate in Administration off main corridor.

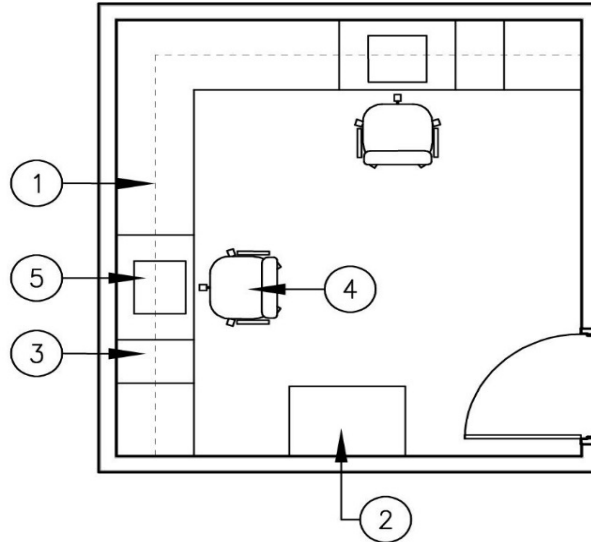
RELATIONSHIP DIAGRAM



IT Office

IT Office

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

IN CONTRACT / CONTRACTOR PROVIDED

Upper and Lower Cabinets	1	Line 2 walls, with 2 kneespaces			
Tall Storage Cabinet	2	Lockable	1		
Vertical File Cabinet Drawers	3	Under counter	2		

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
---------------------	---------	-------	------	------	----------

NOT IN CONTRACT / OWNER PROVIDED

Task Chair	4		2		
Office Tool Set	5		2		

Notes:

Student Devices Cart Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Student Devices Cart Storage	2		100	200	Ample space to store 6 carts

PROGRAM DETAILS

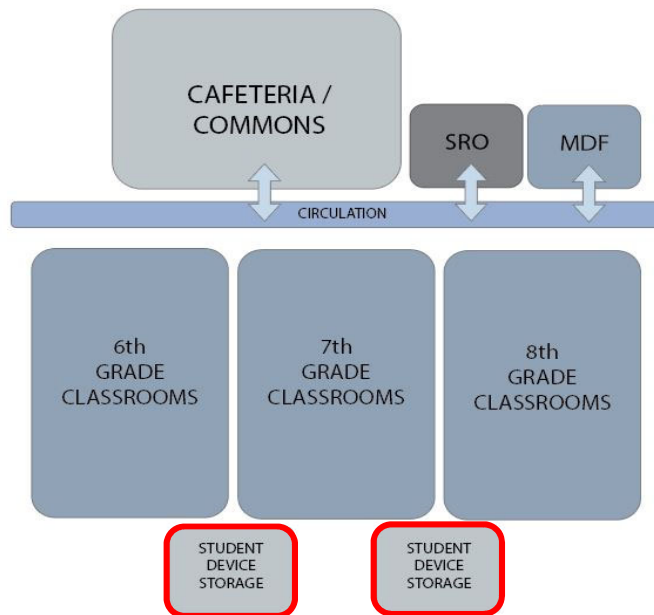
DESCRIPTION OF SPACE AND USES:

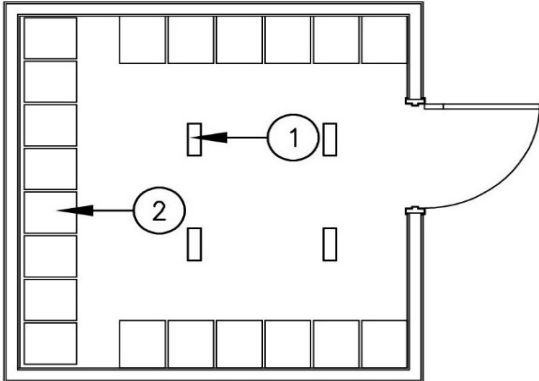
Storing and charging equipment on rolling carts and charging carts for the school.

SPATIAL RELATIONSHIP:

Locate in area close to all classrooms.

RELATIONSHIP DIAGRAM



Student Devices Cart Storage					
Student Devices Cart Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Overhead Power Reels	1				
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Charging Carts	2	Line one wall	6		
Notes:					

Main Distribution Frame (MDF) Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Main Distribution Frame (MDF) Room	1		150	150	

PROGRAM DETAILS

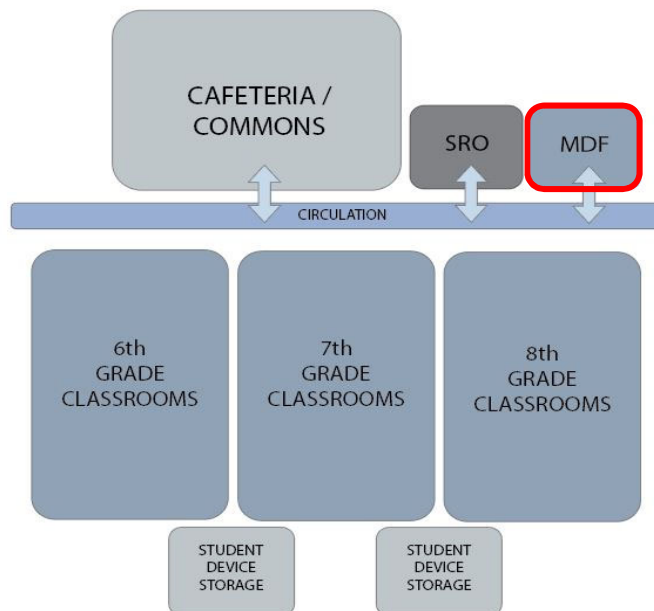
DESCRIPTION OF SPACE AND USES:

Hub for all computer / data lines. Note that the file servers are located off campus and not in the MDF rooms.

SPATIAL RELATIONSHIP:

It is most important that this room be placed in the approximate center of the building as distance is a consideration in the laying of the computer cabling.

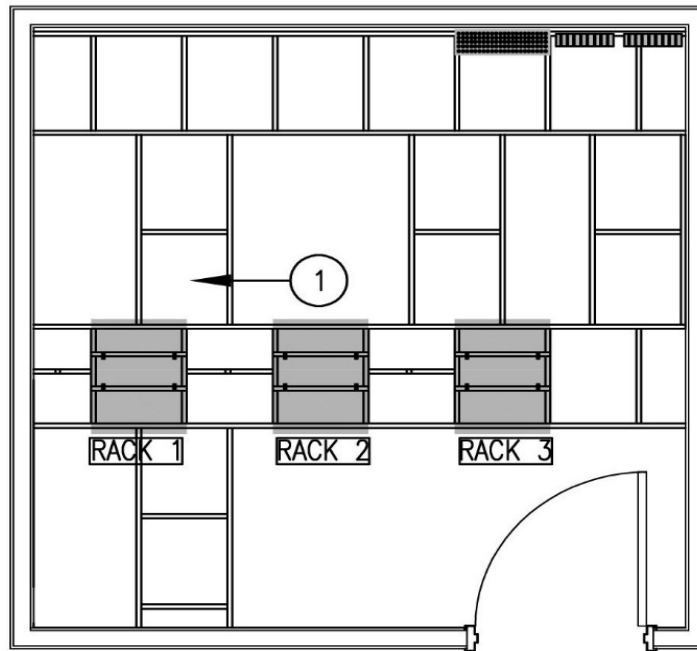
RELATIONSHIP DIAGRAM



Main Distribution Frame (MDF) Room

Main Distribution Frame (MDF) Room

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Cabling Rack	1	Refer to Technical Design Guidelines for additional information.			

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					

Notes:

1. Computers will be networked to the FBISD Administration building. IDF rooms (Intermediate cabling room) are required if the distance from the MDF room exceeds 250 to 300 feet.
2. Separate A/C system is required so that cooling can be provided to the MDF & IDF rooms 24-hours a day, year round.
3. Provide card access.
4. MDF and IDF equipment to be tied to emergency generator.

Intermediate Distribution Frame (IDF) Rooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Intermediate Distribution Frame (IDF) Rooms	7		100	700	Number and locations depend on floor plan layout.

PROGRAM DETAILS

DESCRIPTION OF SPACE AND USES:

Computer and Data Lines.

SPATIAL RELATIONSHIP:

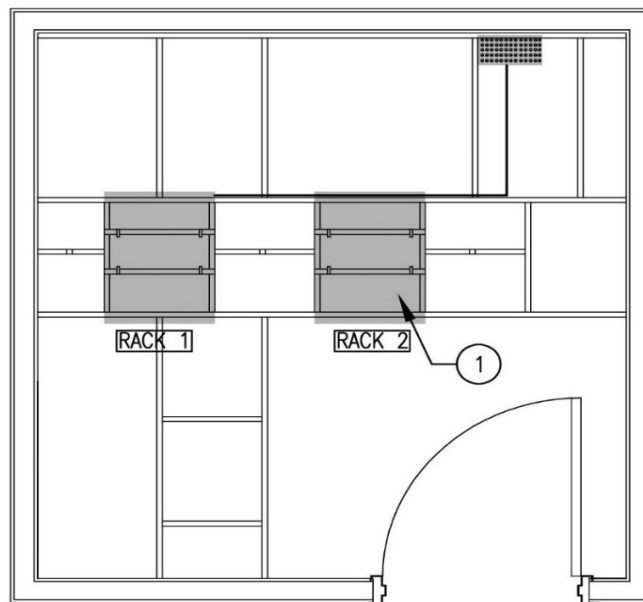
Locate throughout the building as necessary.

RELATIONSHIP DIAGRAM

N/A

Intermediate Distribution Frame (IDF) Rooms

LAYOUT



Intermediate Distribution Frame (IDF) Rooms

EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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IN CONTRACT / CONTRACTOR PROVIDED

Cabling Rack	1	Refer to Technical Design Guidelines for additional information.			

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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NOT IN CONTRACT / OWNER PROVIDED

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Notes:

1. Computers will be networked to the FBISD Administration building. IDF rooms (Intermediate cabling room) are required if the distance from the MDF room exceeds 250 to 300 feet.
2. Separate A/C system is required so that cooling can be provided to the MDF & IDF rooms 24-hours a day, year round.
3. Provide card access.
4. MDF and IDF equipment to be tied to emergency generator.



APPENDIX



Due to rapid changes in Technology, this 'Technology Appendix' is being issued to allow for updating of technology requirements as needed without updating the entire Educational Specification documents. As technology needs change, this Appendix will be updated accordingly and re-issued with Educational Specifications.

Broadcast Studio Tool Set

- Desktop Computers (2)
- Monitors (2)
- One Laptop
- Phone
- One set of Broadcast Equipment

Cafeteria/Gym Tool Set

- Laptop
- Mobile AV Cart

Clinic Tool Set

- Laptop
- Monitor
- Phone
- Printer
- Fax Machine

Large Conference Tool Set

- Desktop Computer
- Monitor (2)
- Conference Phone
- Small Printer

Librarian Tool Set

- Laptop with Docking Station
- Monitor
- Phone

Library Tool Set

- Black and White Printer
- Phone
- Scanner Tool Setups (2)
- A/V Carts

Misc. Tool Set

- Docking Station with Monitor
- Phone

Office Tool Set

- Desktop Computer
- Monitor
- Phone

Principal Tool Set

- Desktop Computer
- Monitor
- Phone
- Printer
- TV in office
- Dedicated PA Phone
- Panic Button

Reception Tool Set

- Desktop Computer
- Monitor
- Printer
- Fax Machine
- Badge Printer

Small Conference Tool Set

- Desktop Computer
- Monitor
- Phone

Student Devices Cart

- Laptops
- Cart Anchor
- Cart Power/Charging

Teacher Office Tool Set

- Laptop with Docking Station
- Phone

Teacher Tool Set

- Laptop with Docking Station
- Reflector
- Phone
- AV Switching Control System
- Document Camera

