



INSPIRE • EQUIP • IMAGINE

2018 LONG-RANGE FACILITIES MASTER PLAN

EDUCATIONAL SPECIFICATIONS

ELEMENTARY SCHOOLS

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INTRODUCTION



INTRODUCTION TO FORT BEND ISD'S 2018 ELEMENTARY 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 elementary 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 Elementary 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 eight 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.

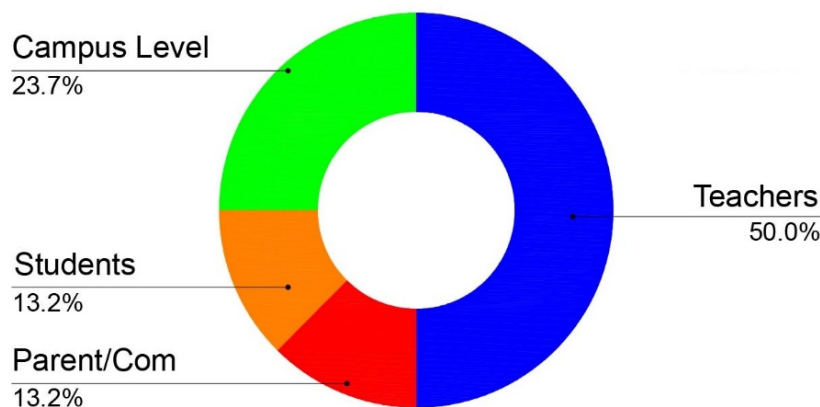
Three opportunities were scheduled for the members of the Board of Trustees to sit with the team to provide input and guidance on the development of the educational specifications. These sessions focused on ensuring that the vision for learning would be effectively and accurately reflected in the final 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.






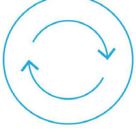
- ✓ **Student Centered Instruction** develops student ownership of learning through clearly stated learning intentions and defined success criteria aligned to established learning progressions.
- ✓ **Student Centered Assessment** develops student ownership of learning by promoting self and peer assessment, 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.




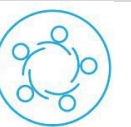

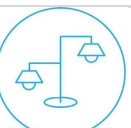
	Safety: Building has controlled access with crisis alert systems in each room. There are state of the art safety alert systems for fire and gas and high quality intercom or public address systems present. System of evacuation is designed for maximum efficiency and safety.
	Community Access: Buildings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





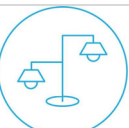
LEARNING: Learning spaces are designed to promote curiosity and wonder, inspire learning, equip students, and empower them to be responsible for their own learning.

	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



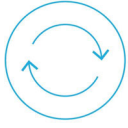
Presentation Spaces/Writable Surfaces: Learning spaces are configured with multiple, flexible presentation spaces and surfaces throughout the building and classrooms are writable surfaces (e.g., whiteboards, portable whiteboards, smart boards, writable paint), and are accessible to all learners.

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.**



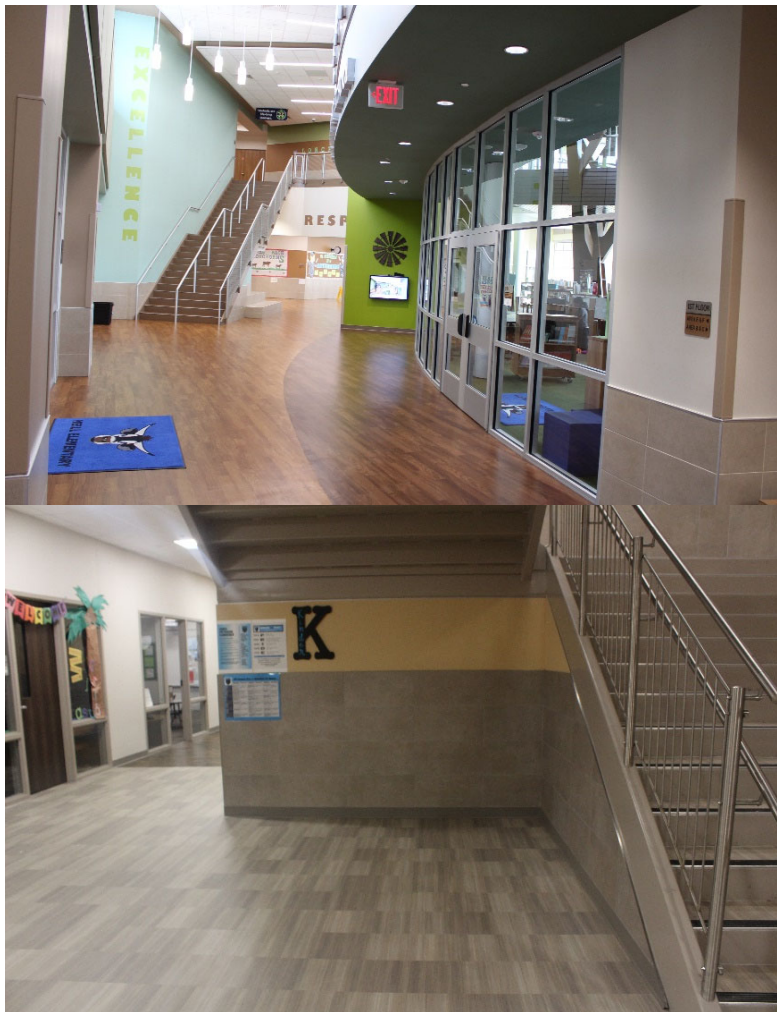
DESIGN PRINCIPLE IMPLEMENTATION



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.



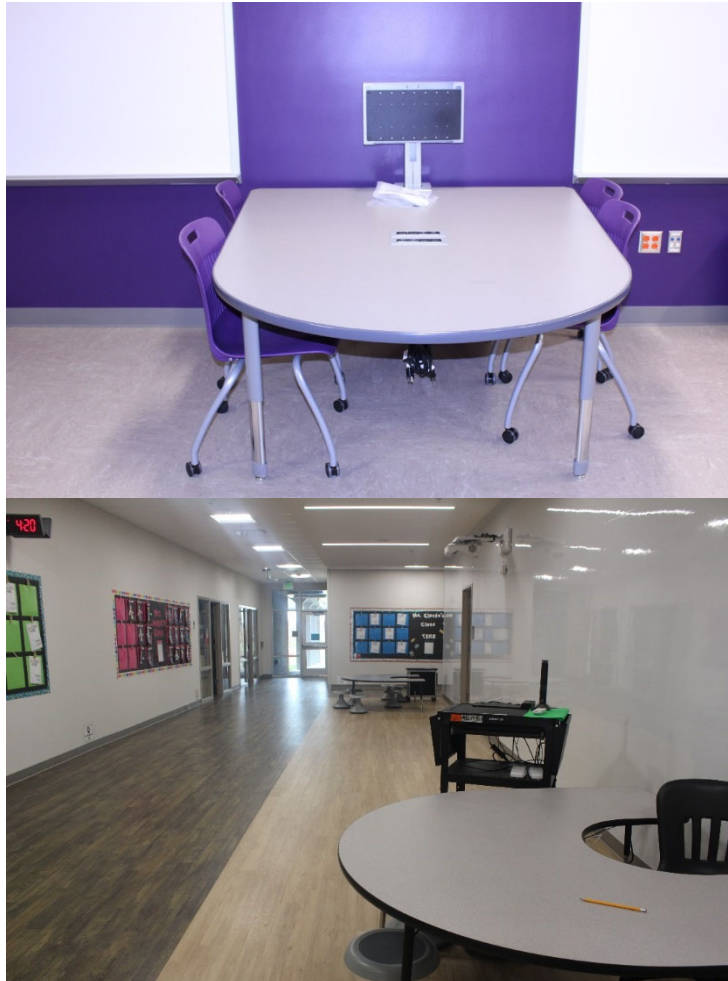
DESIGN PRINCIPLE IMPLEMENTATION



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.

Elementary Schools

Capacity was determined using the following criteria:

- Planning factor: 22 students per classroom for Pre -K- 5
- All general use classrooms were counted.
- Special Education classrooms were included in the counts with a planning factor of 12 students per classroom.
- Extended Day Program classroom was also not included in the counts.
- IPS rooms were not included in the counts.
- Other spaces not counted:
 - Art Room
 - Music Room
 - Resource Room
 - Gym
 - Cafeteria
 - Kitchen
 - Library
 - Restrooms
 - Auditoriums
 - Extended Day
 - Administrative
 - Mechanical
 - Circulation

Space	Quantity	No. of Students	Total
Pre-K Classrooms	2	22	44
Kindergarten Classrooms	6	22	132
1 st Grade - 5 th Grade	30	22	660
PPCD	1	12	12
Specialized Classrooms	3	12	36
Building Capacity			884
<i>85% Utilization</i>			<i>(132)</i>
Optimal Capacity			752

*Building Optimal Capacity to be 850 students, with core spaces for 1,000 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
- 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:
 - Extended Day Program
 - 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.

EXECUTIVE BUILDING SUMMARY

- 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.
 - Extended Day Programs shall have a separate entry, with controlled card access.
- 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.

EXECUTIVE BUILDING SUMMARY

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.

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.

EXECUTIVE BUILDING SUMMARY

ELEMENTARY SCHOOL PROGRAM OF SPACES

Space/Function	Qty	SF	TOTAL SF	Notes
ADMINISTRATION SUITE				
Administration				
Secure Entry Vestibule	1	450	450	
Visitor's Restroom	1	60	60	
Reception/Waiting Area	1	175	175	
Attendance Office	1	120	120	
Administration Storage	1	75	75	
Volunteers in Public Schools	1	200	200	
Principal's Secretary	1	200	200	
Principal's Office	1	250	250	
Principal's Conference Room	1	300	300	
Workroom/Mailroom	1	360	360	
Mother's Room / Lactation	1	80	80	
Faculty Lounge	1	400	400	
Faculty Lounge Restrooms	2	60	120	
Assistant Principal's Office	2	225	450	
Level Book Storage	1	350	350	
Bookroom	1	600	600	
Records Room	1	100	100	
Clinic				
Clinic Aide/Waiting Area	1	200	200	
Treatment Area	1	370	370	Cot/isolation and restroom
Nurse Office	1	150	150	
Storage	1	50	50	
Counseling Suite				
Counselor's Office	2	200	400	
Conference Room	1	300	300	
Special Education Offices	1	450	450	(CCC, Diagn, LSSP & SLP)
Therapy Testing	2	100	200	
Test Storage	1	180	180	
IPS Office	1	450	450	
ADMINISTRATION SUITE SUBTOTAL:			7,040	SF
ACADEMIC CLASSROOMS				
Collaboration Space Pre-K - 1st	2	600	1,200	1 per grade level
Collaboration Space 2nd - 5th	4	1,000	4,000	1 per grade level
PLC / Teacher Workroom	6	400	2,400	1 per grade level
Pre-K and K Classrooms				
PPCD Classroom	1	935	935	
PPCD Restroom	1	75	75	Located in PPCD
Pre-K / K Classrooms	7	875	6,125	6 K / 1 Pre-K
Student Restrooms	7	60	420	Located one per classroom
Teacher Restroom	1	60	60	

EXECUTIVE BUILDING SUMMARY

Space/Function	Qty	SF	TOTAL SF	Notes
1st - 4th Grade Classrooms				
Classrooms	24	800	19,200	6 per grade level
Student Restrooms	8	190	1,520	2 per grade level (one boy/one girl)
Teacher Restroom	4	60	240	1 per grade level
5th Grade Classrooms				
Classrooms	6	875	5,250	6 per grade level
Student Restrooms	2	190	380	2 per grade level (one boy/one girl)
Teacher Restroom	1	60	60	1 per grade level
Special Education				
Specialized Classroom	2	1,000	2,000	Includes kitchenette
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 /Restroom	1	250	250	
Outdoor Spaces				
Outdoor Learning	2		0	
Outdoor Play Area	2		0	
ACADEMIC CLASSROOMS SUBTOTAL:			48,915	SF
CAFETERIA / KITCHEN / CUSTODIAL				
Cafeteria / Student Dining				
Cafeteria/Commons	1	4,675	4,675	
Chair/Table Storage	1	225	225	
Student Restrooms	2	280	560	
Kitchen				
Serving Area	1	950	950	
Food Preparation	2	555	1,110	
Dry Storage	1	205	205	
Manager's Office	1	80	80	
Walk-in Cooler	1	125	125	
Walk-in Freezer	1	125	125	
Receiving Area	1	100	100	
Locker Room	1	75	75	
Staff Restroom	1	100	100	
Warewash	1	300	300	
Utility Room	1	70	70	
Service Yard	1		0	
Custodial				
Custodial Breakroom	1	250	250	
Custodial Office	1	100	100	
Custodial Closets	6	60	360	Located throughout building
Custodial Storage/Receiving	1	300	300	
Recycling Storage	1	150	150	
CAFE/KITCH/CUST SUBTOTAL:			9,860	SF

EXECUTIVE BUILDING SUMMARY

Space/Function	Qty	SF	TOTAL SF	Notes
LIBRARY				
Library/Learning Center	1	4,000	4,000	
Broadcast Studio	1	200	200	
Maker Space	1	500	500	
Library Workroom / Office	1	200	200	
Audio Visual Storage	1	100	100	
Library Restroom	1	60	60	
LIBRARY SUBTOTAL:			5,060	SF
ATHLETICS / PHYSICAL EDUCATION				
Gymnasium / PE	1	4,644	4,644	
PE Office	1	150	150	
PE Storage	1	150	150	
PE Outdoor Storage	1	75	75	
ATHLETICS / PHYSICAL EDUCATION SUBTOTAL:			5,019	
SPECIALIZED ROOMS				
Special Classrooms				
Art Room	1	1,000	1,000	
Art Storage Closet	1	150	150	
Kiln Room	1	150	150	
Outclass Rooms	2	800	1,600	One per floor
Multi-Purpose Lab	1	1,600	1,600	Folding wall divides into (2) 800 SF
Storage	3	100	300	
Music Room	1	1,000	1,000	
Music Storage	1	200	200	
Stage	1	800	800	
Stage Storage	1	120	120	
SPECIAL CLASSROOMS SUBTOTAL:			6,920	
Extended Learning Program				
ELP Reception	1	175	175	
ELP Office	1	150	150	
ELP Teacher Restroom	1	60	60	
ELP Snack Preparation	1	190	190	
ELP Study	1	250	250	
ELP Classroom	1	1,750	1,750	
ELP Storage	1	85	85	
ELP Student Restrooms	2	60	120	
ELP Conference Room	1	100	100	
ELP SUBTOTAL:			2,880	
SECURITY				
School Resource Officer (SRO)	1	150	150	
SECURITY SUBTOTAL:			150	
TECHNOLOGY				
IT Office	1	150	150	

EXECUTIVE BUILDING SUMMARY

Space/Function	Qty	SF	TOTAL SF	Notes
Student Devices Cart Storage	2	100	200	
MDF Room	1	150	150	
IDF Rooms	7	80	560	
TECHNOLOGY SUBTOTAL:			1,060	

SUMMARY SUBTOTALS:

	Square Feet
Administration Suite	7,040
Academic Classrooms	48,915
Cafeteria/Kitchen/Custodial	9,860
Library	5,060
Athletics/Physical Education	5,019
Specialized Classrooms	6,920
Extended Day Program	2,880
Security	150
Technology	1,060
Subtotal	86,904
Circulation 32%	27,809
MEP 8%	6,952

GRAND TOTAL:	121,666
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SITE

ELEMENTS



1. ELEMENTARY SCHOOL OVERALL SITE PLAN

The 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 an elementary school is 10 acres, 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.
- Parking drop off, bus loading areas, and parking shall be separated to allow students to enter and exit the school grounds safely.
- Parking spaces are sufficient for staff and visitors. Provide one space for each 6-8 students.
- Provide separate drop off /pick up areas close to the entrance to the campus for special education. In addition, provide parking close to extended day program spaces.
- 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.
- Fencing should be provided at playgrounds and playfield. Fencing needs to be designed to be pleasant and inviting.

Playground:

- Adequate physical education teaching stations shall be available to accommodate course requirements for the planned enrollment
- Supervision of playgrounds should not be obstructed by buildings or objects that impair observation and supervision.
- All playground areas should be fenced in.
- Provide two playground areas, one for K – 1st Grade, and one for 2nd Grade – 5th Grade. Playground structures should include grade and size appropriate activities. Play areas should include components that encourage exercise and movement, and should include educational signage explaining the benefits of movement and healthy living. Playground areas shall be handicap accessible.

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 is 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



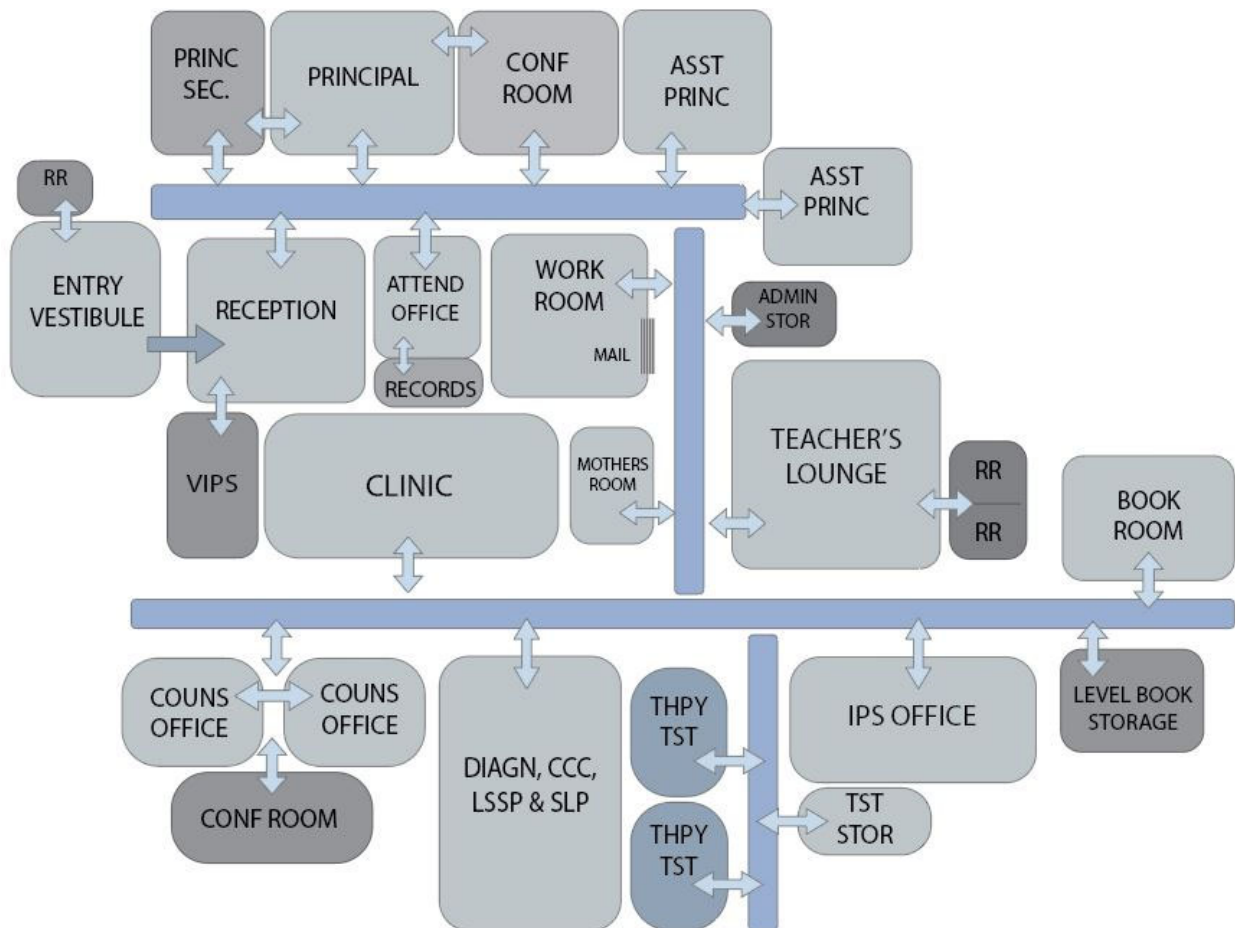
1. PROGRAM DESCRIPTION

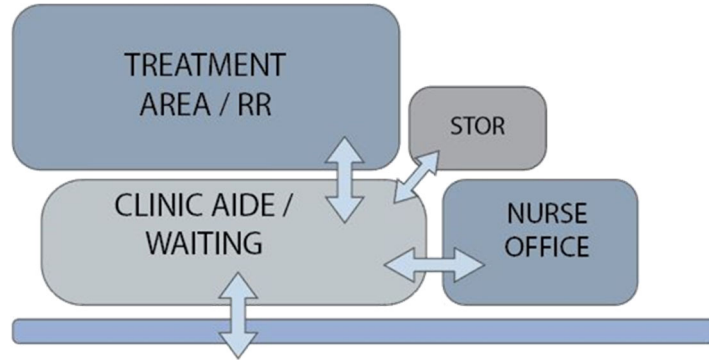
The Administration Suite of Elementary School campuses should serve as a welcome center for everyone visiting the campus. Entry into the building via a secure vestibule will lead students, parents and visitors directly to the school after their documentation has been verified. A reception/waiting area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

The Administration Suite shall house the Principal's office as well as his/her Secretary, Attendance Clerk, Assistant Principals, Faculty Lounge, and Administrative Workroom, as well 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





3. PROGRAM OF SPACE

Space/Function	Qty	SF	TOTAL SF	Notes
ADMINISTRATION SUITE				
Administration				
Secure Entry Vestibule	1	450	450	
Visitor's Restroom	1	60	60	
Reception/Waiting Area	1	175	175	
Attendance Office	1	120	120	
Administration Storage	1	75	75	
Volunteers in Public Schools	1	200	200	
Principal's Secretary	1	200	200	
Principal's Office	1	250	250	
Principal's Conference Room	1	300	300	
Workroom/Mailroom	1	360	360	
Mother's Room / Lactation	1	80	80	
Faculty Lounge	1	400	400	
Faculty Lounge Restrooms	2	60	120	
Assistant Principal's Office	2	225	450	
Level Book Storage	1	350	350	
Bookroom	1	600	600	
Records Room	1	100	100	
Clinic				
Clinic Aide/Waiting Area	1	200	200	
Treatment Area	1	370	370	Cot/isolation and restroom
Nurse Office	1	150	150	
Storage	1	50	50	
Counseling Suite				
Counselor's Office	2	200	400	
Conference Room	1	300	300	
Special Education Offices	1	450	450	(CCC, Diagn, LSSP & SLP)
Therapy Testing	2	100	200	
Test Storage	1	180	180	
IPS Office	1	450	450	
ADMINISTRATION SUITE SUBTOTAL:			7,040	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		
Visitor Restroom		X					X	X		
Reception/Waiting Area	X				X			X		
Attendance Office			X		X			X		
Administration Storage			X		X			X		
Volunteer in Public School Office (VIPS)			X		X			X		
Principal's Secretary			X		X			X		
Principal's Office			X		X			X		
Principal's Conference Room			X		X			X		
Workroom/Mailroom			X		X			X		
Mother's Room / Lactation			X		X			X		Tile at wet area.
Faculty Lounge			X		X			X		Tile at wet area.
Faculty Lounge Restrooms		X					X	X		
Assistant Principal Offices			X		X			X		
Records Room			X		X			X		
Level Book Storage			X		X			X		
Clinic										
Health Clinic			X		X			X		
Treatment Area			X				X	X		
Nurse Office			X		X			X		
Storage			X		X			X		
Counseling Suite										
Counselor's Office			X		X			X		
Conference Room			X		X			X		
Special Education Offices			X		X					
Therapy Testing			X		X					
Test Storage	X				X			X		
IPS Office			X		X					

Secure Entry Vestibule

PROGRAM SPACES

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

PROGRAM DETAILS

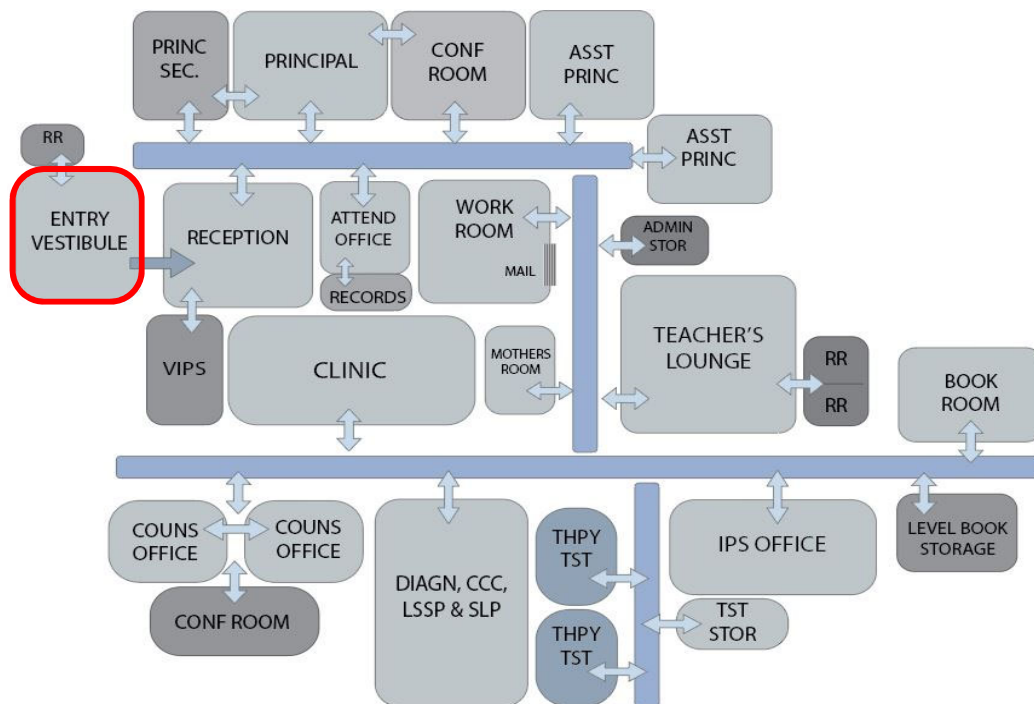
DESCRIPTION OF SPACE AND USES:

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.

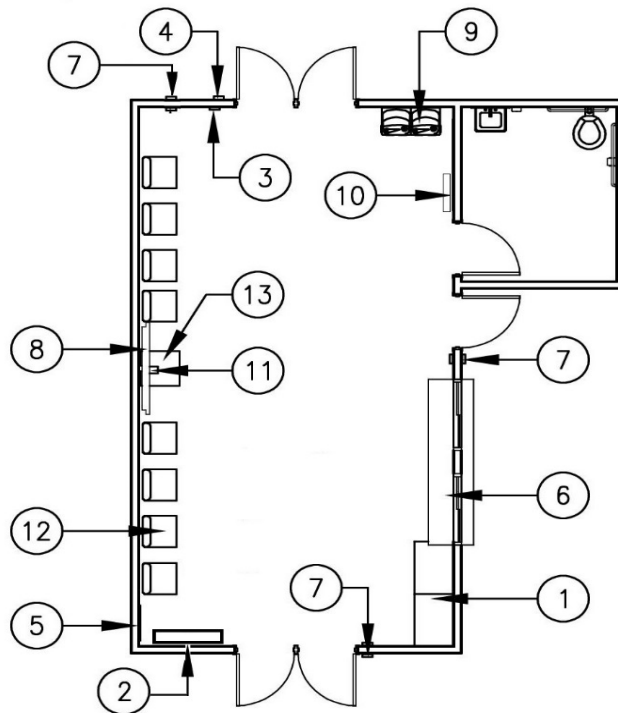
RELATIONSHIP DIAGRAM



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/Bulletin Board	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		

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.					

Visitors' Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Visitors' Restrooms	1	N/A	60	60	

PROGRAM DETAILS

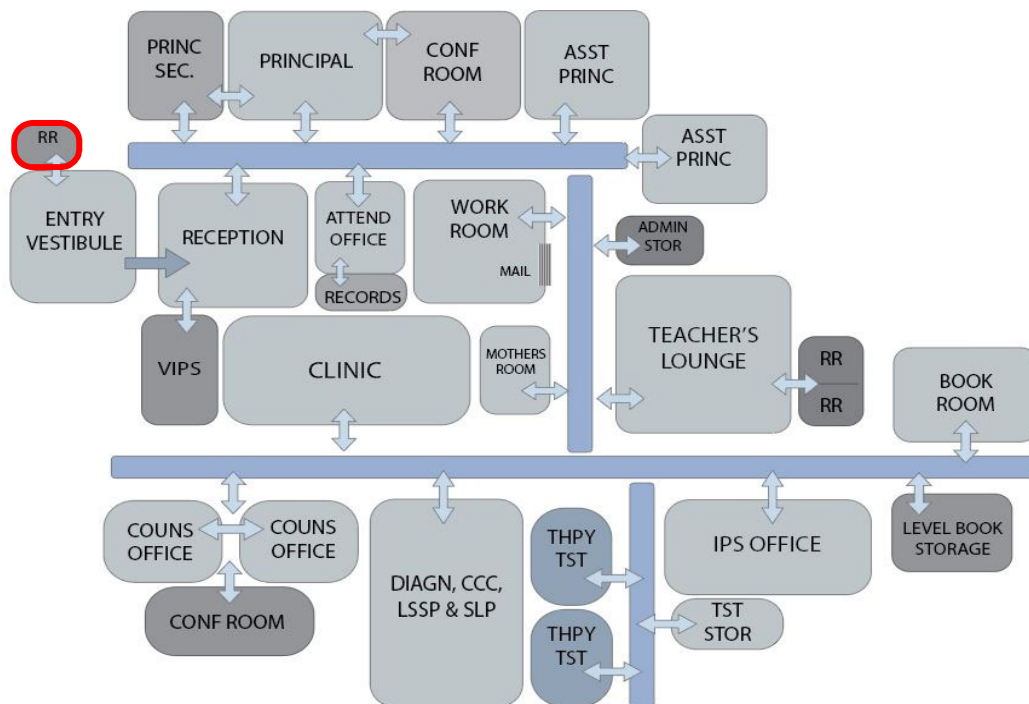
DESCRIPTION OF SPACE AND USES:

Single user restroom for visitors.

SPATIAL RELATIONSHIP:

Located in secure entry vestibule.

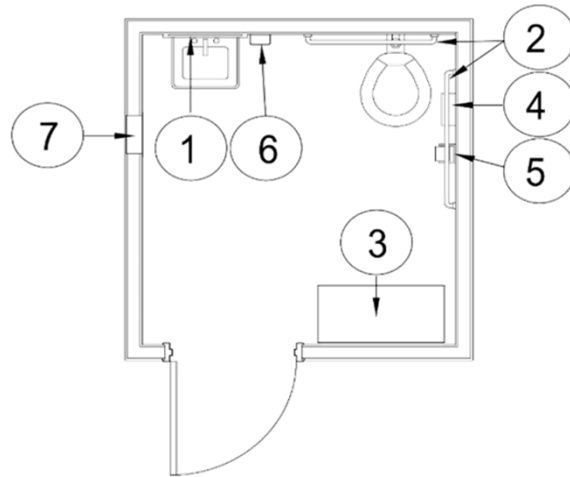
RELATIONSHIP DIAGRAM



Visitors' Restrooms

Visitors' 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					
Changing Table	3	Contractor installed	1		
Feminine Napkin Disposal	4	Contractor installed	1		
Restroom 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		175	175	

PROGRAM DETAILS

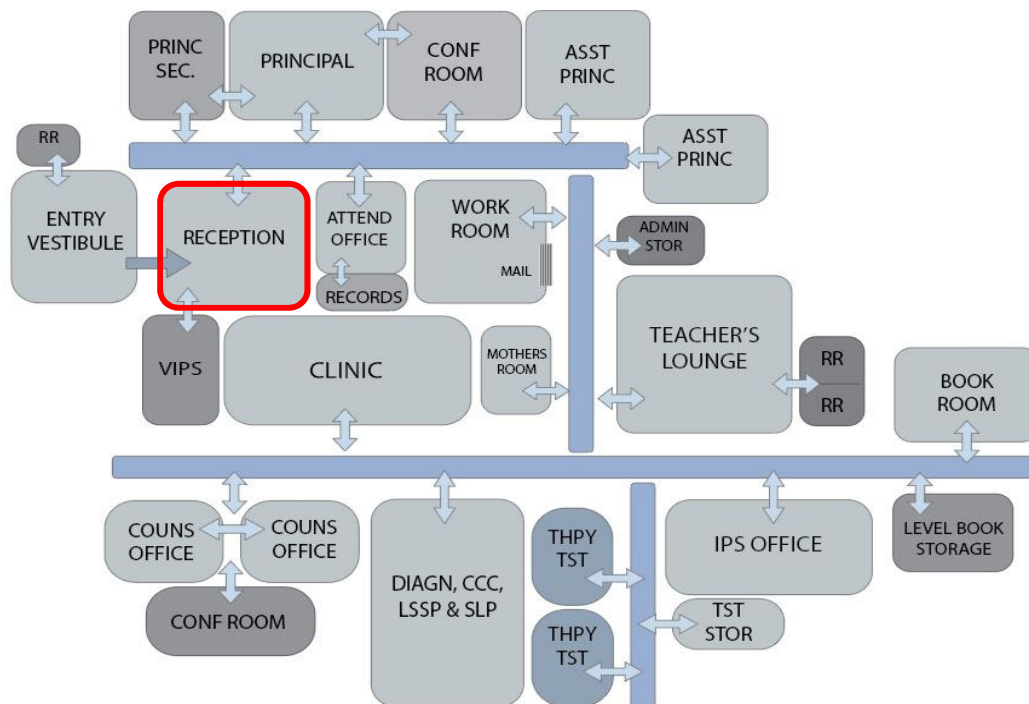
DESCRIPTION OF SPACE AND USES:

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.

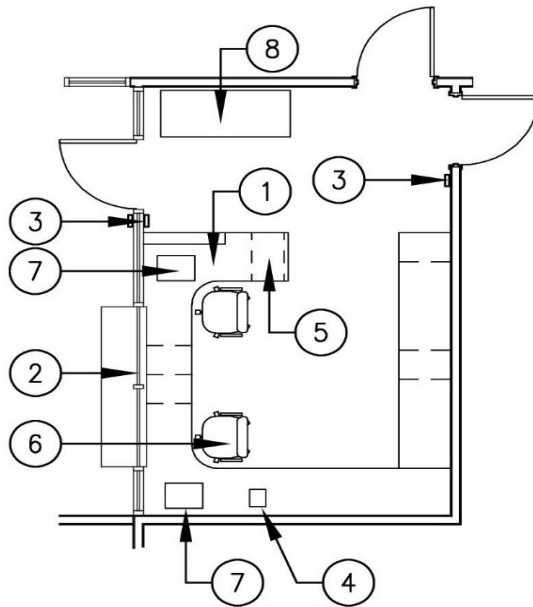
RELATIONSHIP DIAGRAM



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	2' x 5'	
Visitor Table	8		1		

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.

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Attendance Office	1	N/A	120	120	

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

Located in Administration Suite adjacent to reception/waiting area with direct access to Records Room.

The diagram illustrates the layout of the UIC Health Center, showing a central corridor system with various rooms and offices. The layout is organized into several functional areas:

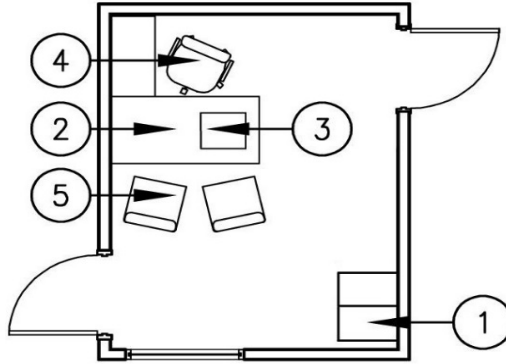
- Administrative Offices:** Located at the top, including PRINC SEC, PRINCIPAL, CONF ROOM, and ASST PRINC. A red box highlights the ATTEND OFFICE, which is centrally located and accessible from multiple directions.
- Reception and Entry:** The ENTRY VESTIBULE leads into the RECEPTION area, which is connected to the ATTEND OFFICE and the CLINIC.
- Clinical and Support Spaces:** The CLINIC is a large central space. Other rooms include VIPS, RECORDS, WORK ROOM, MAIL, ADMIN STOR, TEACHER'S LOUNGE, and BOOK ROOM.
- Specialized Services:** The bottom section includes COUNS OFFICE, COUNS OFFICE, CONF ROOM, DIAGN, CCC, LSSP & SLP, THPY TST, THPY TST, IPS OFFICE, TST STOR, and LEVEL BOOK STORAGE.

The diagram uses arrows to indicate the flow of traffic and connections between rooms. A red box highlights the ATTEND OFFICE, indicating its central and accessible location.

Attendance Office

Attendance Office

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Vertical File Cabinet Drawers	1	Lockable	2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Desk	2	With return	1		
Office Tool Set	3		1		
Task Chair	4		1		
Chair	5		2		

Notes:

Administration Storage

PROGRAM SPACES

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

PROGRAM DETAILS

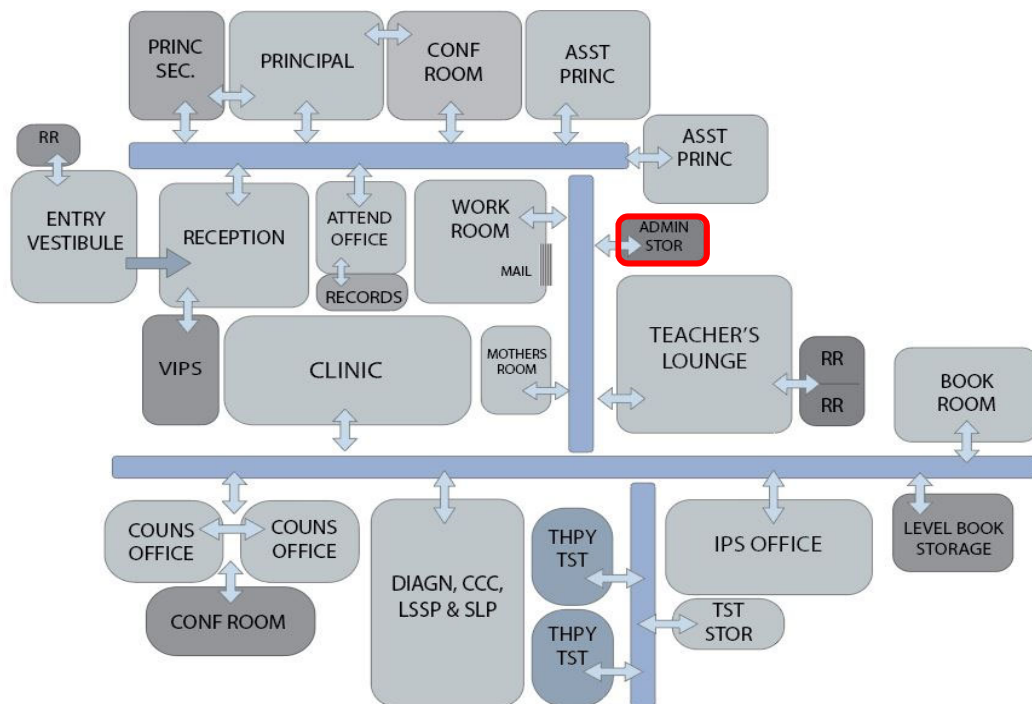
DESCRIPTION OF SPACE AND USES:

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

SPATIAL RELATIONSHIP:

Located in Administration Suite

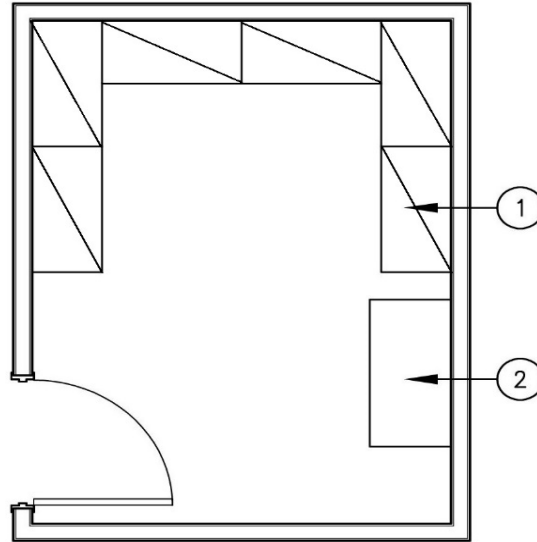
RELATIONSHIP DIAGRAM



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		1		

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

Notes:

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

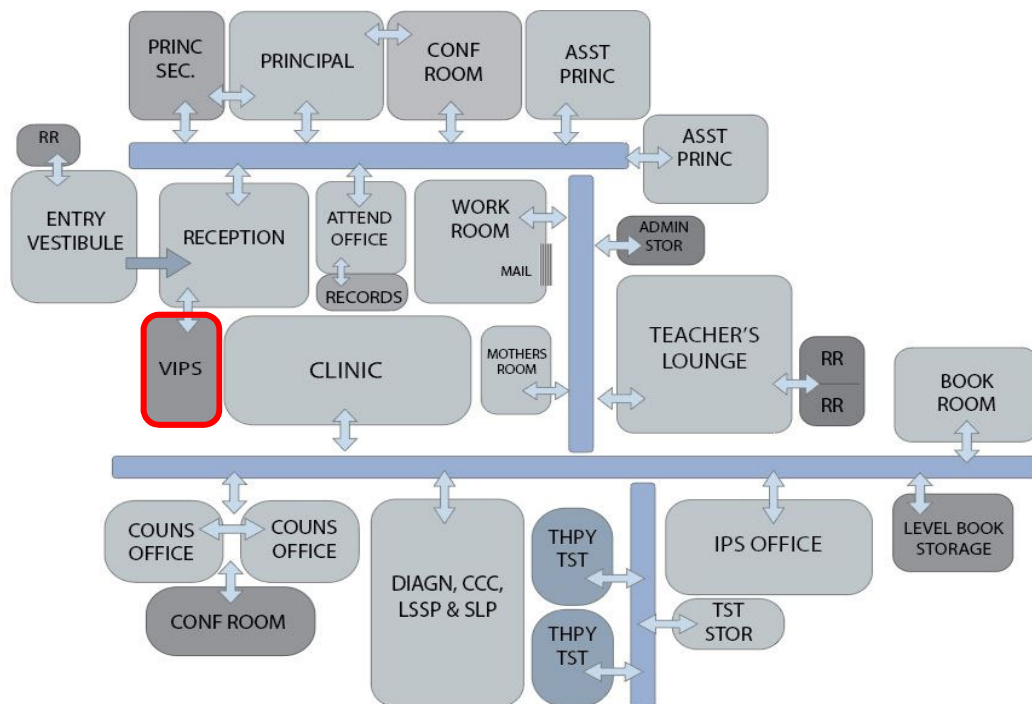
DESCRIPTION OF SPACE AND USES:

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.

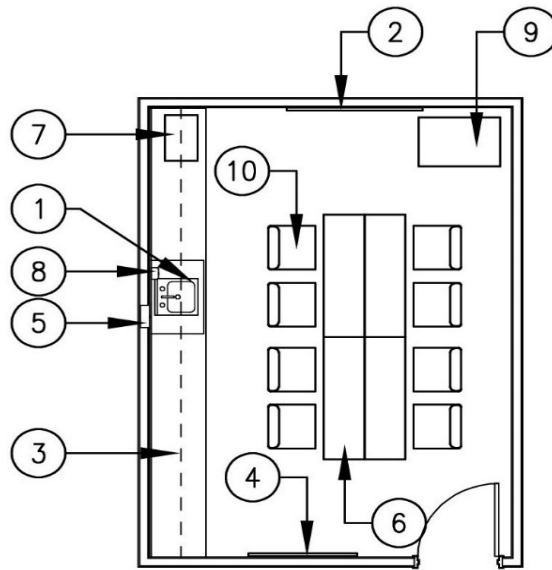
RELATIONSHIP DIAGRAM



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 and Lower Cabinets	3				

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

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

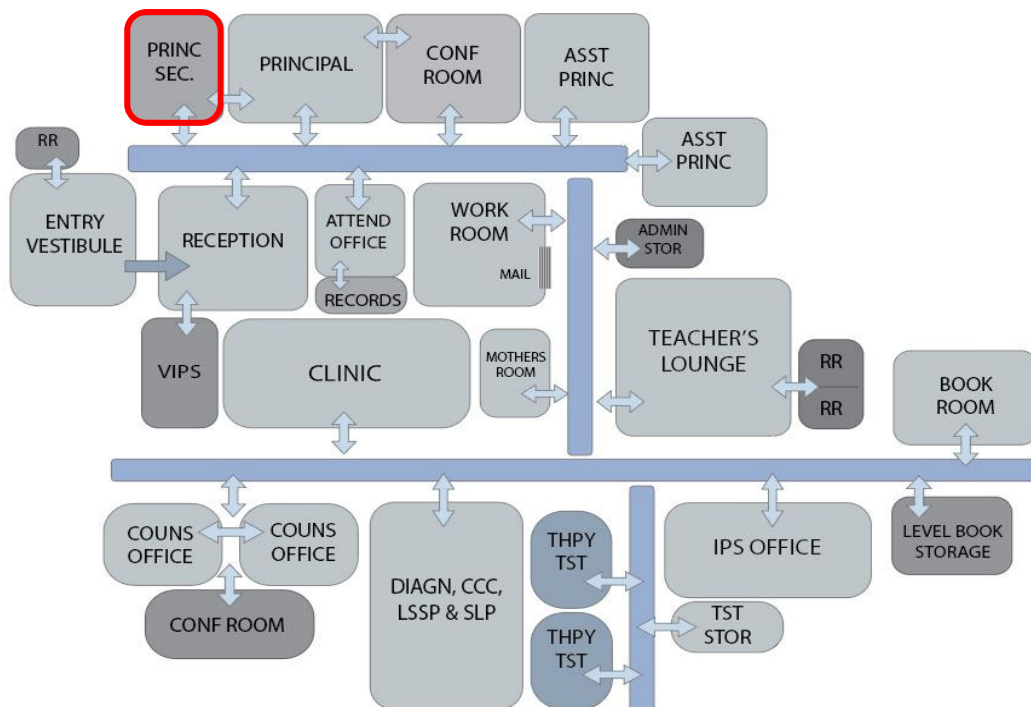
DESCRIPTION OF SPACE AND USES:

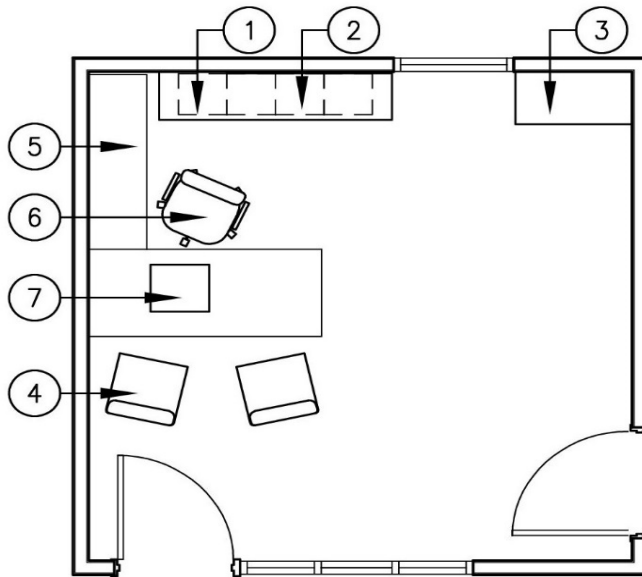
Administrative support for Principal, backup for Receptionist.

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	Tag No.	Notes	Qty.	Size	Comments
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	1	250	250	

PROGRAM DETAILS

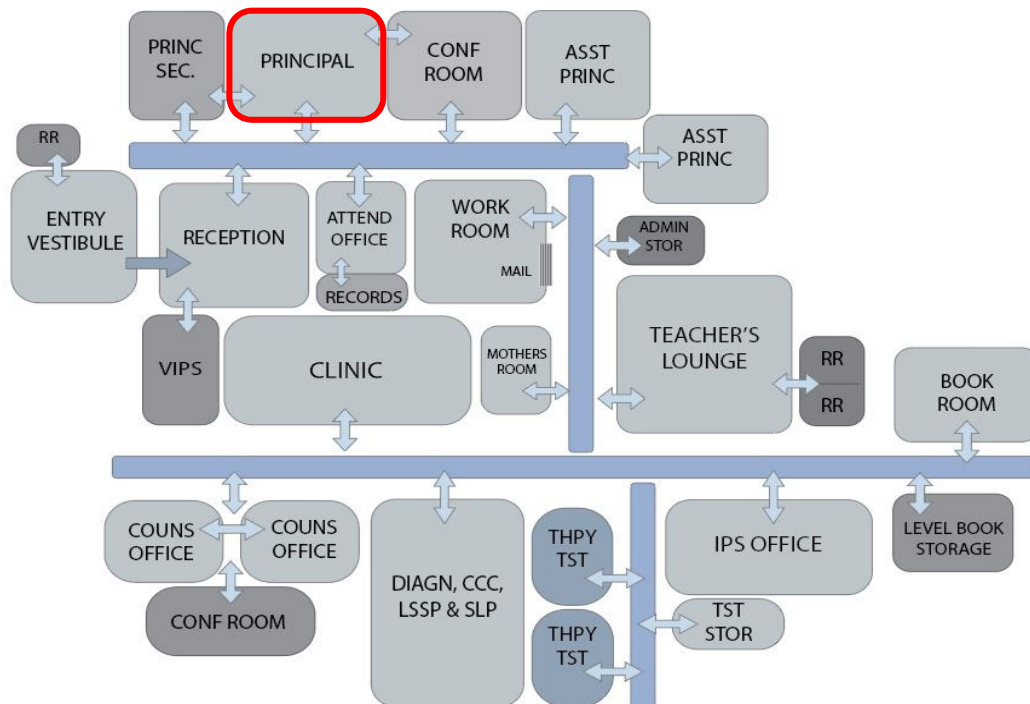
DESCRIPTION OF SPACE AND USES:

Administrative work, meetings with students, staff and parents.

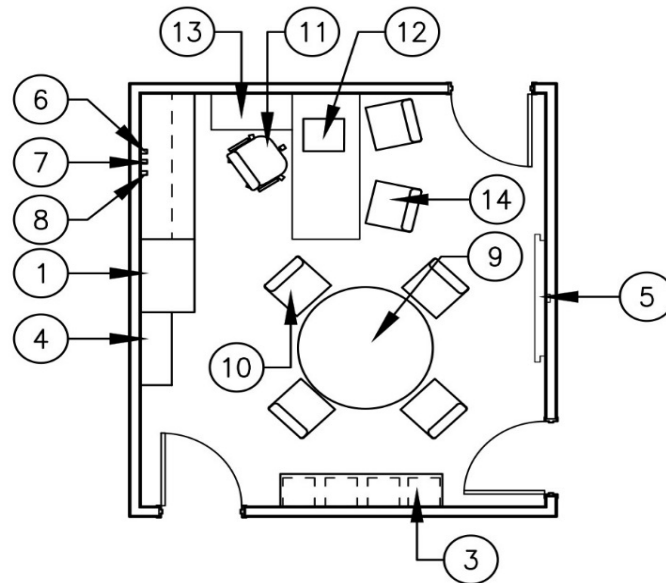
SPATIAL RELATIONSHIP:

Locate within Administration Office area next to Principal Secretary and Conference Room.

RELATIONSHIP DIAGRAM



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 48" x 84"	
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

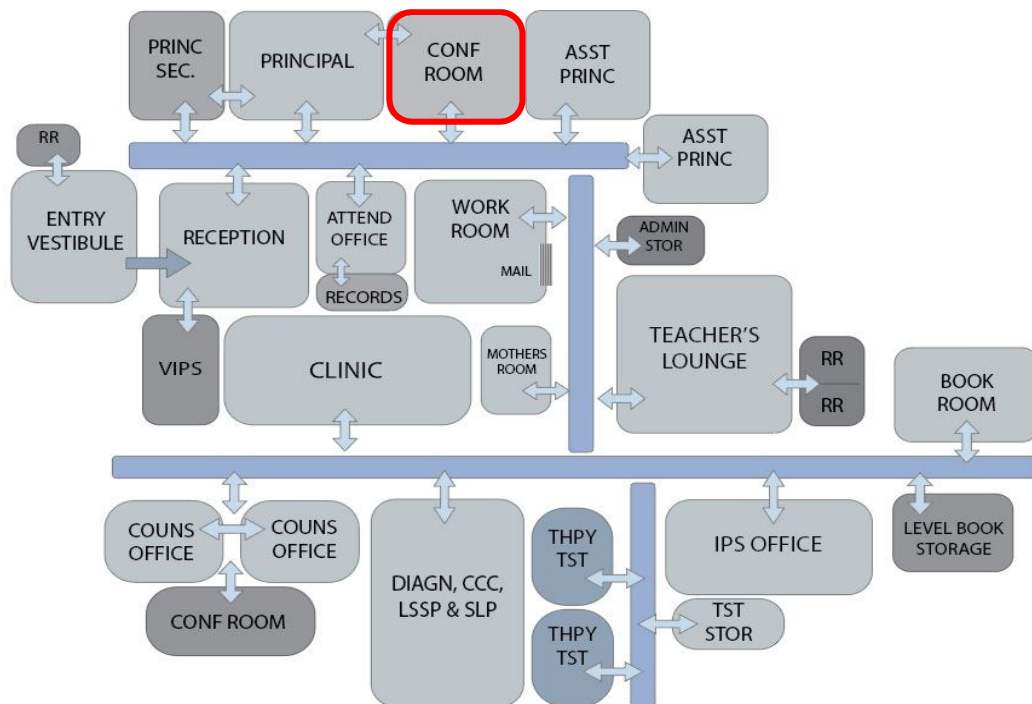
DESCRIPTION OF SPACE AND USES:

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.

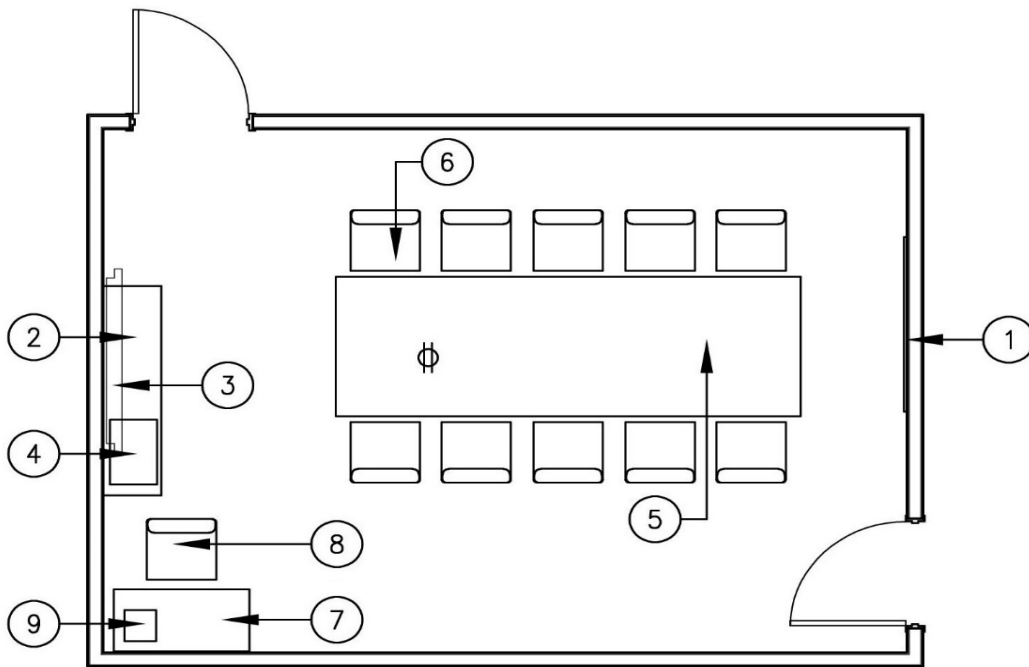
RELATIONSHIP DIAGRAM



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		
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	1	N/A	360	360	Space for equipment & supplies (i.e. laminator, copier, binding, etc.)

PROGRAM DETAILS

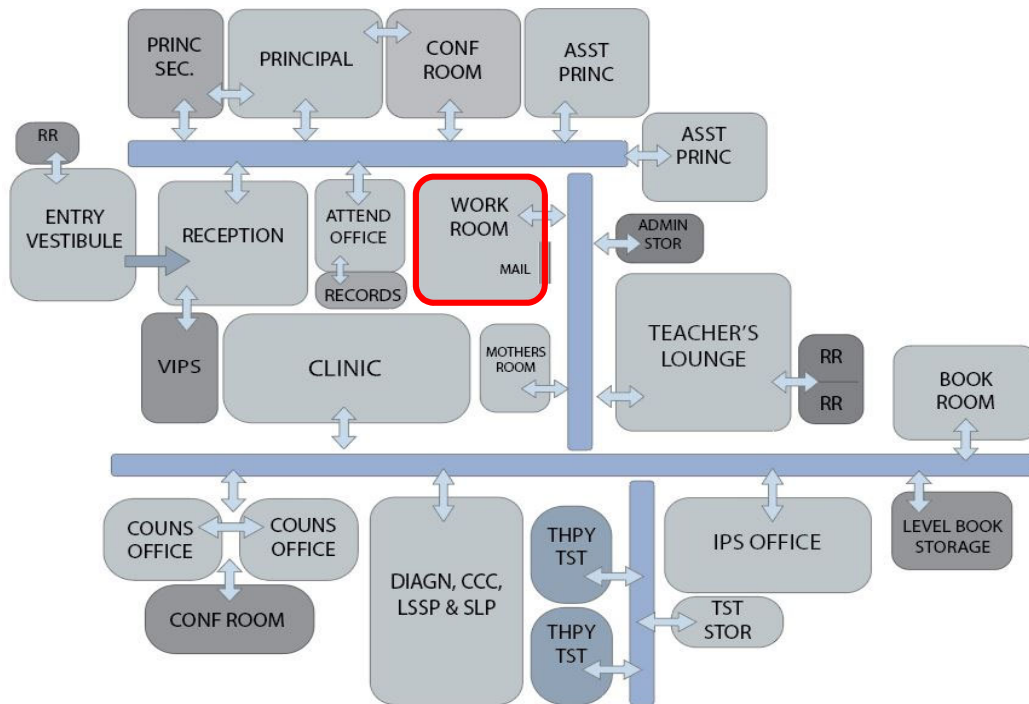
DESCRIPTION OF SPACE AND USES:

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

SPATIAL RELATIONSHIP:

Locate within Administration Suite with admin area hallway access. Locate close to administration restrooms.

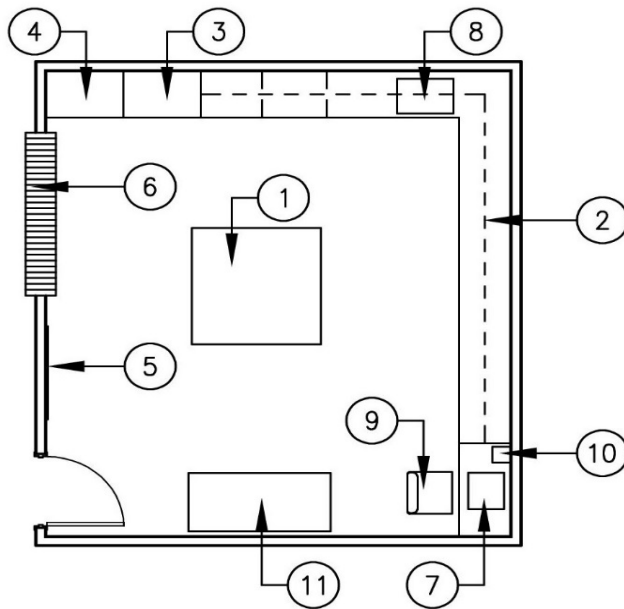
RELATIONSHIP DIAGRAM



Workroom/Mail Room

LAYOUT

Workroom/Mail Room



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Work Island	1	Provide vertical & flat files for poster/foam board; Provide power/data at table	1		
Upper and Lower Cabinets	2	Provide doors			
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	120	30" to 60" AFF; mailbox size: 3"h x 12"w x 14"d	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Misc. Tool Set	7		1		
Kneespace	8	For District Aide	1		
Chair	9	For District Aide	1		
Telephone	10	For District Aide	1		
Copier	11	See Note 5 below	1		

Workroom/Mail Room**Notes:**

1. Confirm data and power for copier with manufacturer recommendations.
2. If no Teacher's lounge in the area, provide under counter refrigerator and area for Coffee Maker.
3. Assume 150 mailboxes for a 1,250 student capacity school. Number shall vary based on capacity. Provide space for name labels.
4. Access mailboxes from corridor only for retrieval. Access from copy/Workroom for loading.
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.

Mother's Room - Lactation

PROGRAM SPACES

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

PROGRAM DETAILS

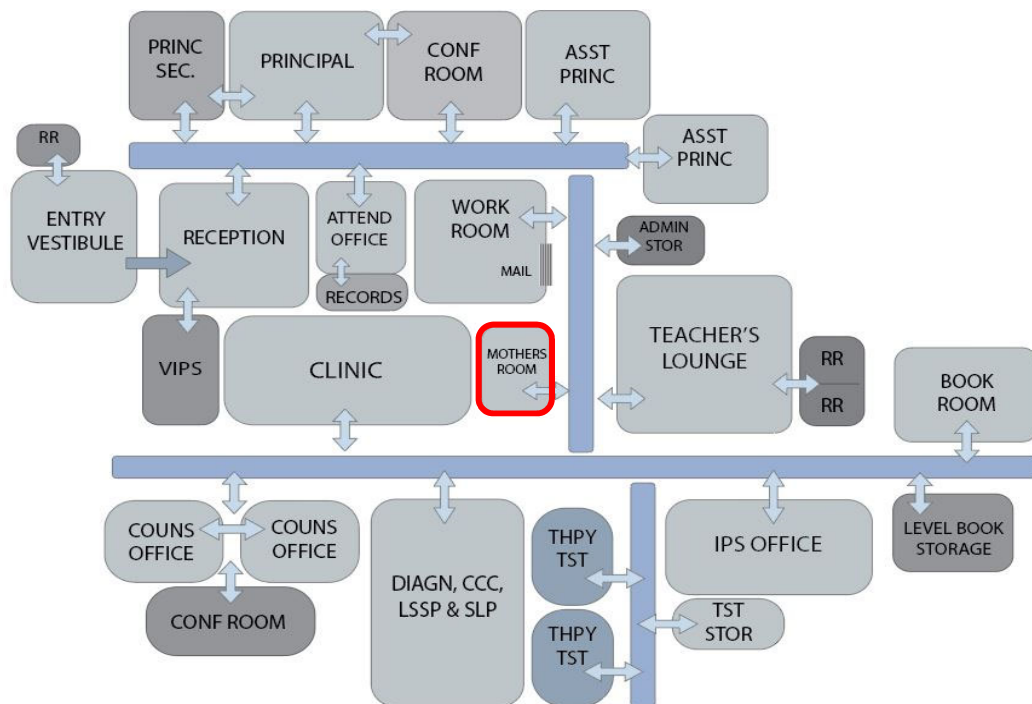
DESCRIPTION OF SPACE AND USES:

Private space for nursing mothers.

SPATIAL RELATIONSHIP:

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

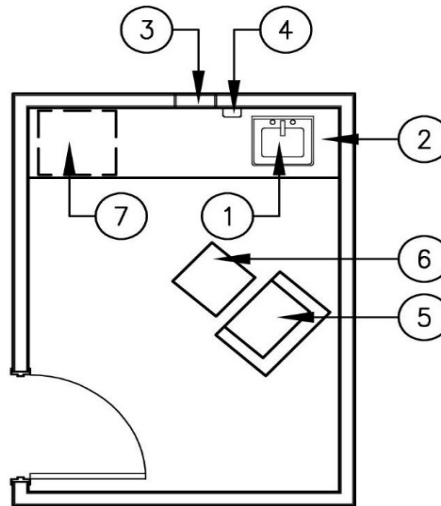
RELATIONSHIP DIAGRAM



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:

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Faculty/Teacher Lounge

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Faculty/Teacher Lounge	1	N/A	400	400	

PROGRAM DETAILS

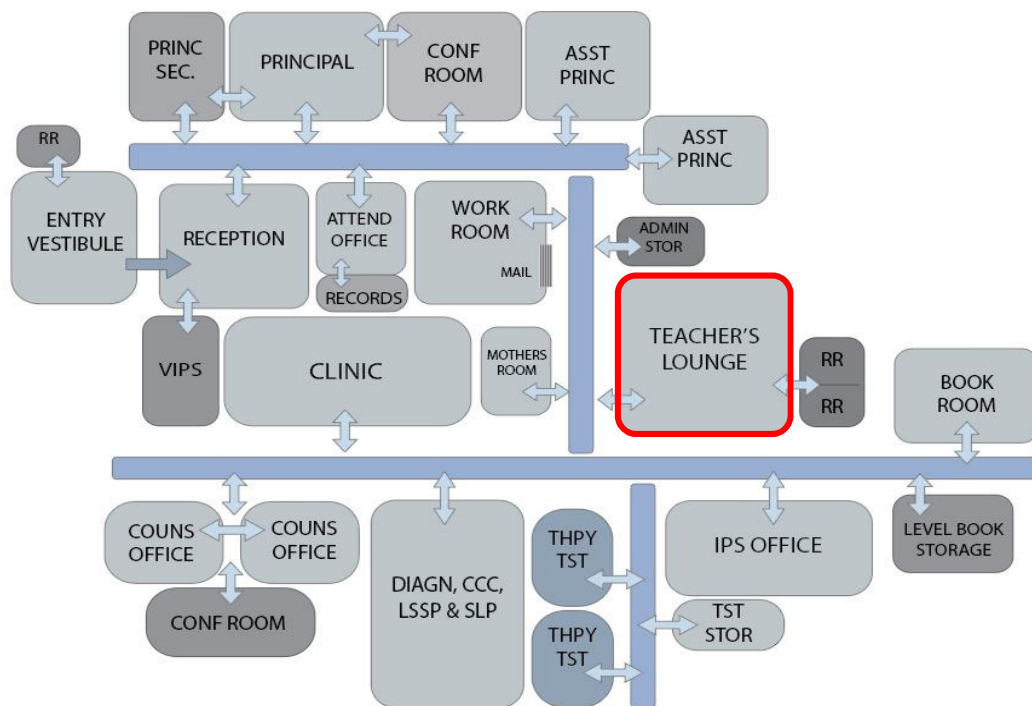
DESCRIPTION OF SPACE AND USES:

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.

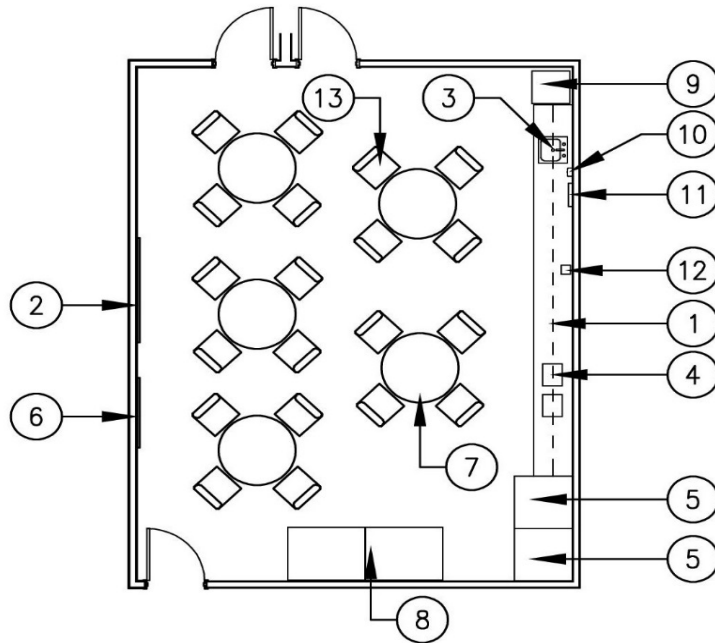
RELATIONSHIP DIAGRAM



Faculty/Teacher Lounge

LAYOUT

Faculty/Teacher Lounge



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper & Lower Cabinets	1			3'W x 7'H x 2'D	
Markerboard	2		1	5' x 10'	
Sink	3	With garbage disposal	1		
Microwave	4	Mount below upper cabinet	2		
Refrigerator	5		2		
Tackboard	6		1	4' x 4'	

Faculty/Teacher Lounge					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Dining Tables	7		5		
Vending Machines	8	Provide HVAC and ventilation	2		
Ice Machine	9	Provide drain underneath; future	1		
Soap Dispenser	10	Contractor installed	1		
Paper Towel Dispenser	11	Contractor installed	1		
Telephone	12		1		
Chair	13		20		
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	N/A	60	120	

PROGRAM DETAILS

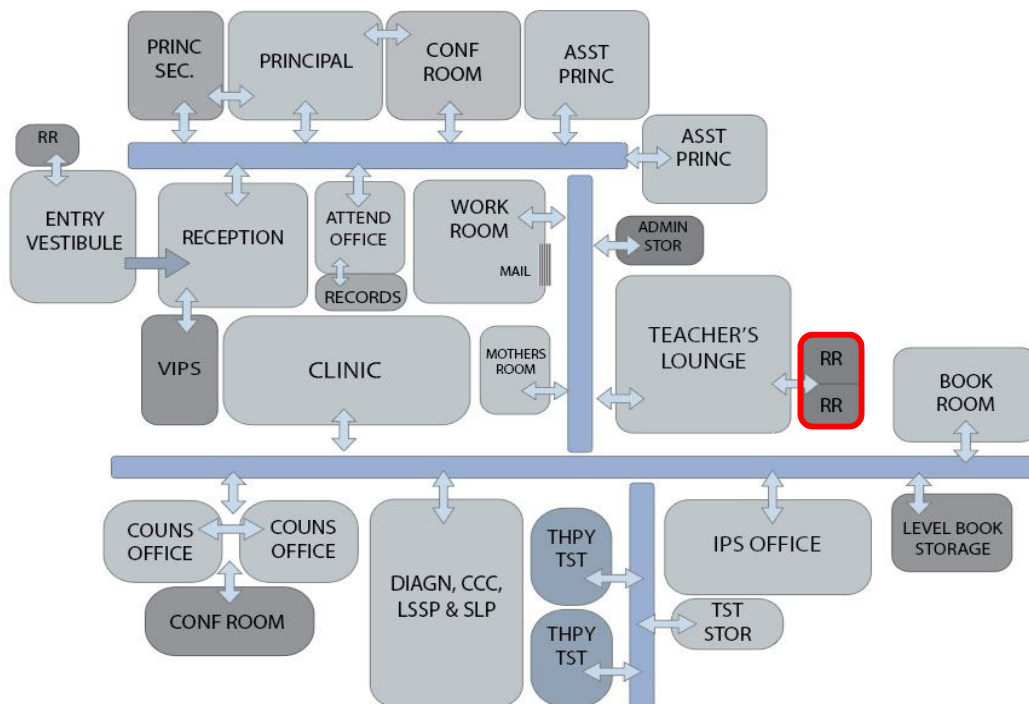
DESCRIPTION OF SPACE AND USES:

Single user restrooms for visitors and/or staff.

SPATIAL RELATIONSHIP:

Located in Teacher's Lounge with direct entry/access.

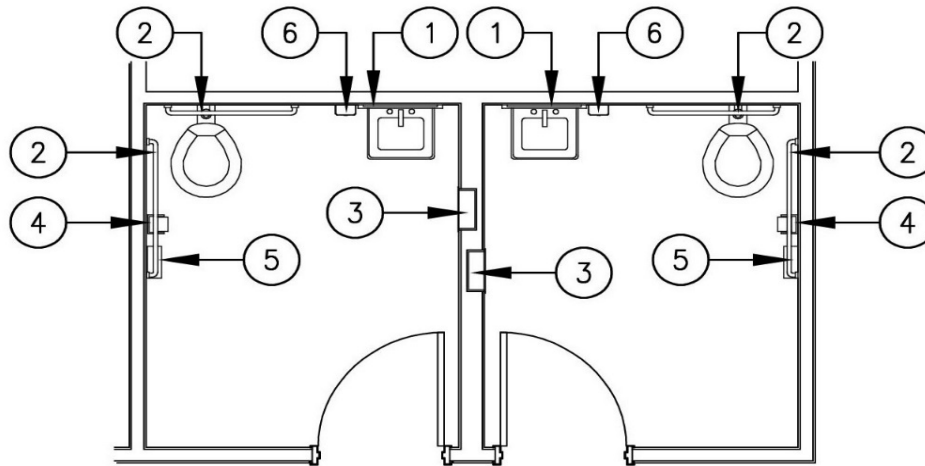
RELATIONSHIP DIAGRAM



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

Notes:

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Assistant Principal Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Assistant Principal Office	2	1	225	450	Secondary exit, and small waiting space is desirable.

PROGRAM DETAILS

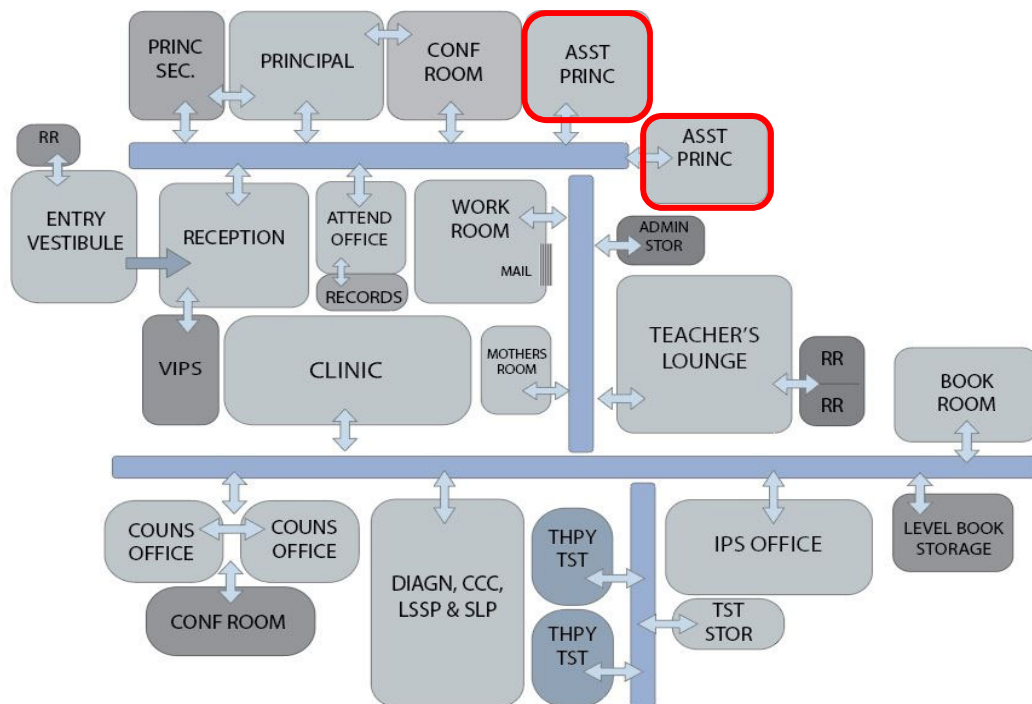
DESCRIPTION OF SPACE AND USES:

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

SPATIAL RELATIONSHIP:

Assistant Principal offices shall be located within Administration Suite.

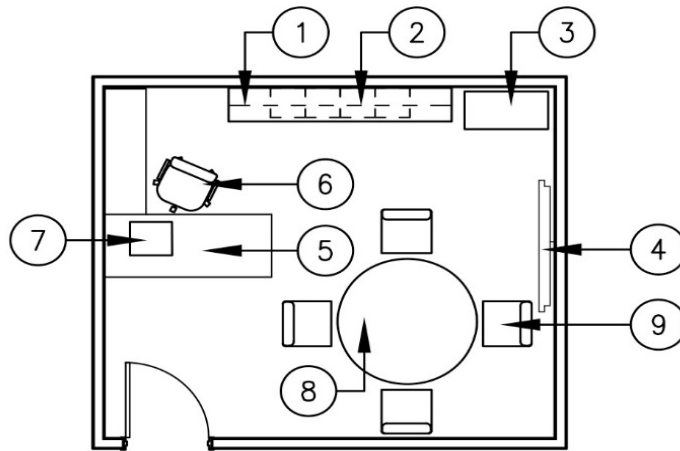
RELATIONSHIP DIAGRAM



Assistant Principal Office

Assistant Principal Office

LAYOUT



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	3'W x 4'H x 2'D	
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:					

Level Book Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Level Book Storage	1	N/A	350	350	

PROGRAM DETAILS

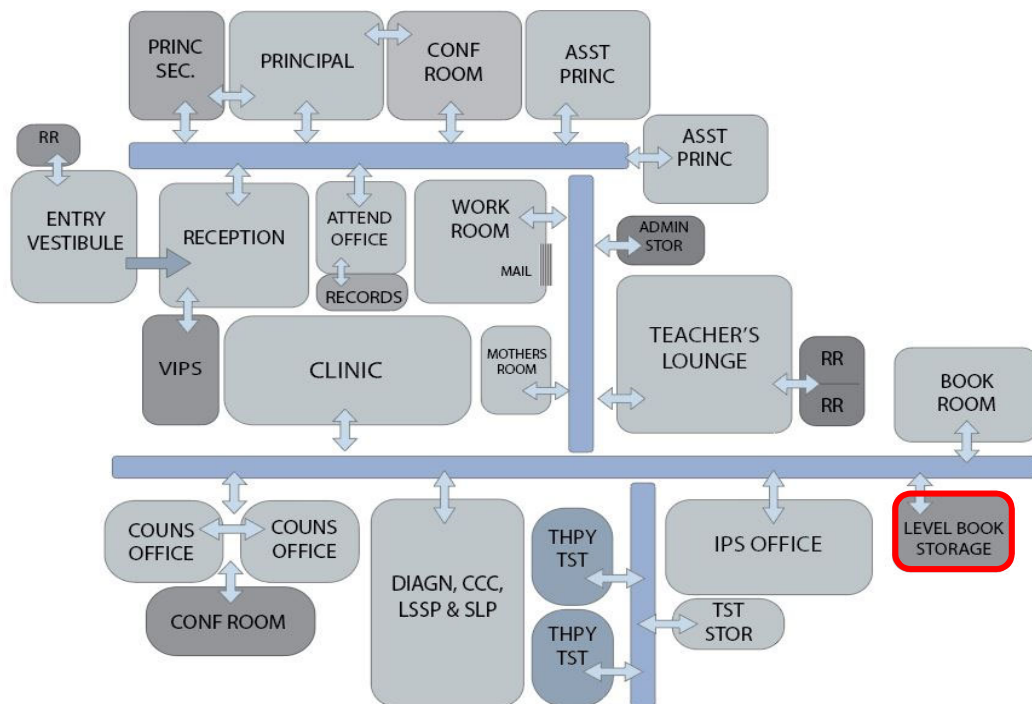
DESCRIPTION OF SPACE AND USES:

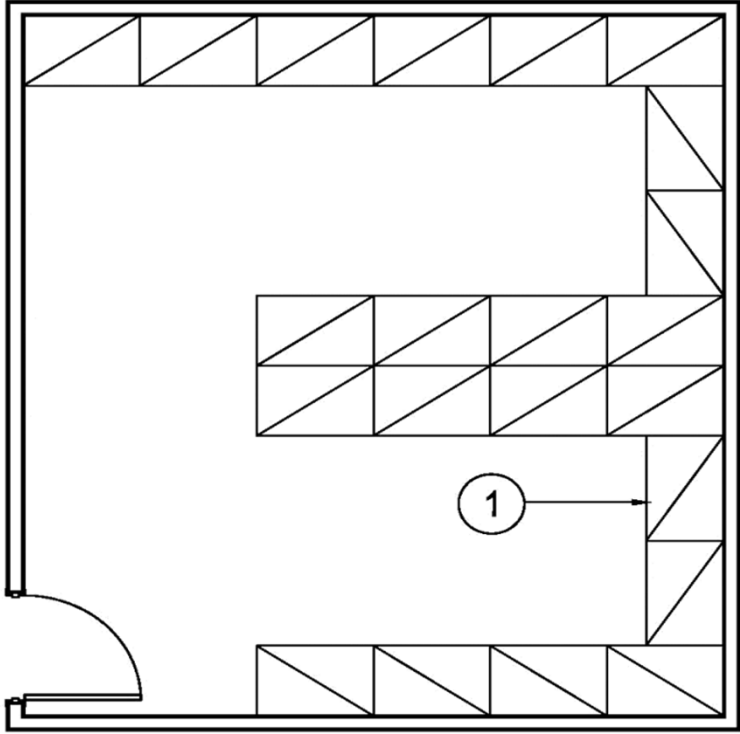
Storage of Books and other materials

SPATIAL RELATIONSHIP:

Location can be flexible, near Administration Suite or near Classrooms.

RELATIONSHIP DIAGRAM



Level Book Storage					
Level Book 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:					

Bookroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Bookroom	1	N/A	600	600	

PROGRAM DETAILS

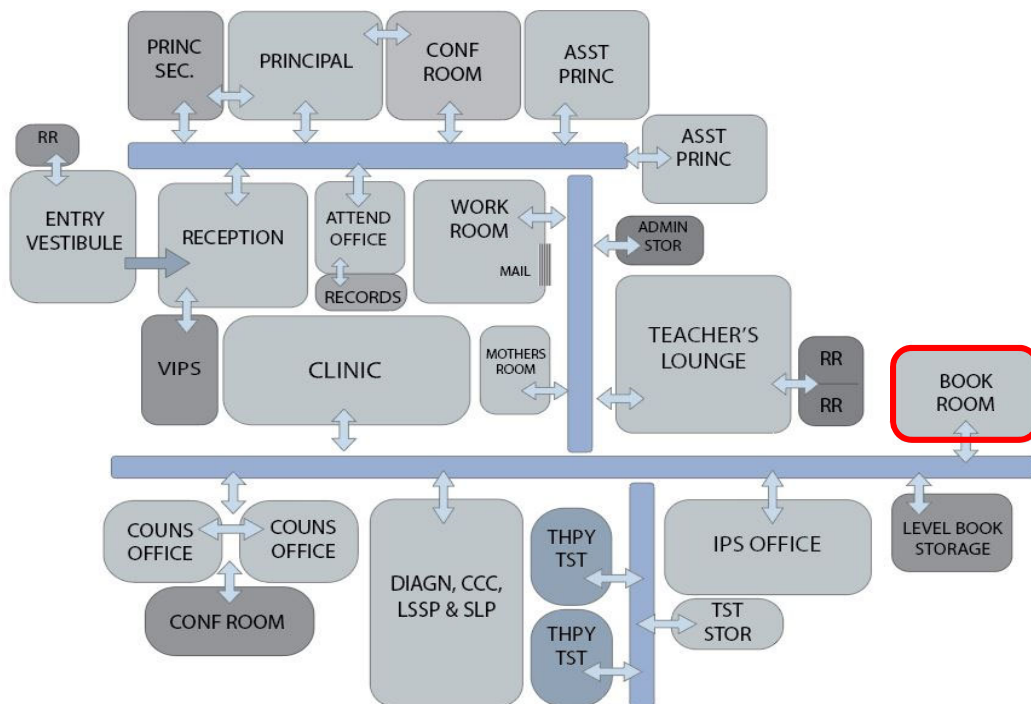
DESCRIPTION OF SPACE AND USES:

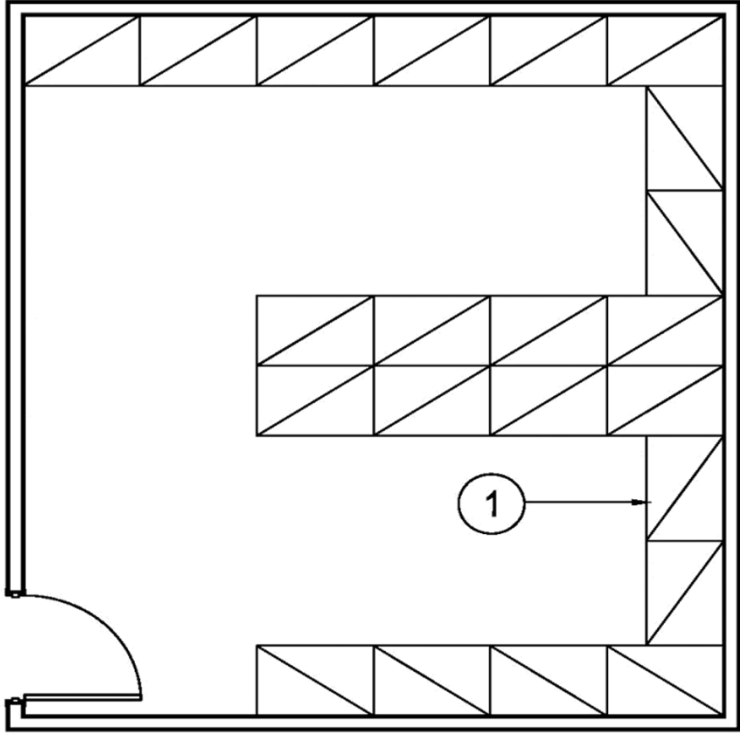
Storage of Books and other materials

SPATIAL RELATIONSHIP:

Location can be flexible, Administration Suite or near Classrooms.

RELATIONSHIP DIAGRAM



Bookroom					
Bookroom					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:					

Records Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Records Room	1	N/A	100	100	Room to have card reader access/ secure.

PROGRAM DETAILS

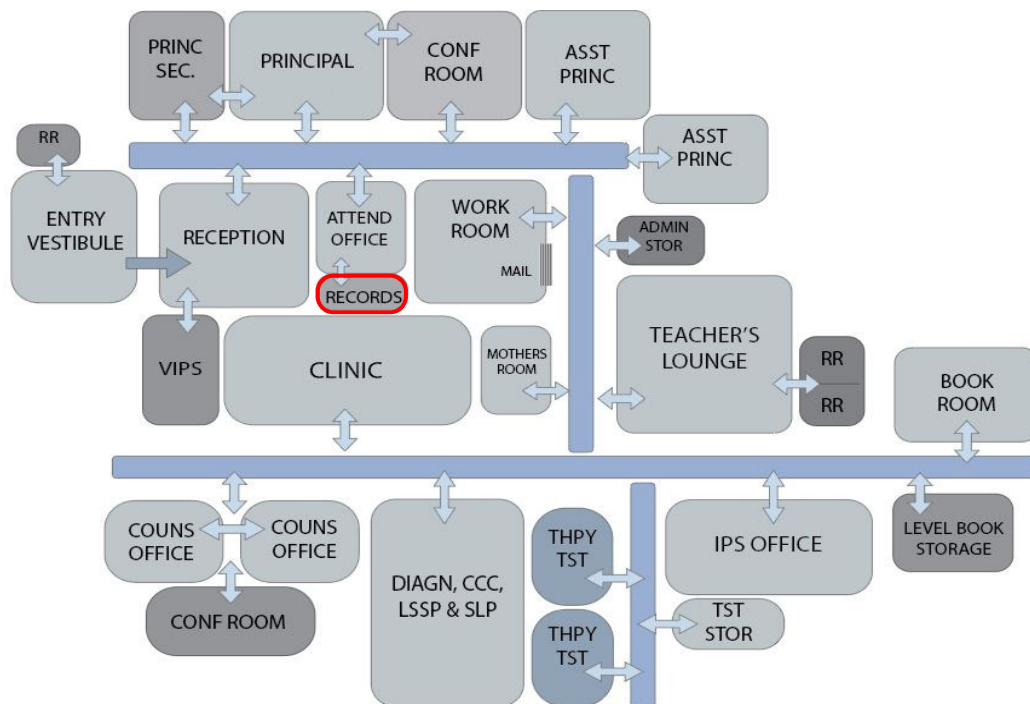
DESCRIPTION OF SPACE AND USES:

Storage space for school records.

SPATIAL RELATIONSHIP:

Located in Administrative Suite with access direct from Average Daily Attendance Office.

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		10		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

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

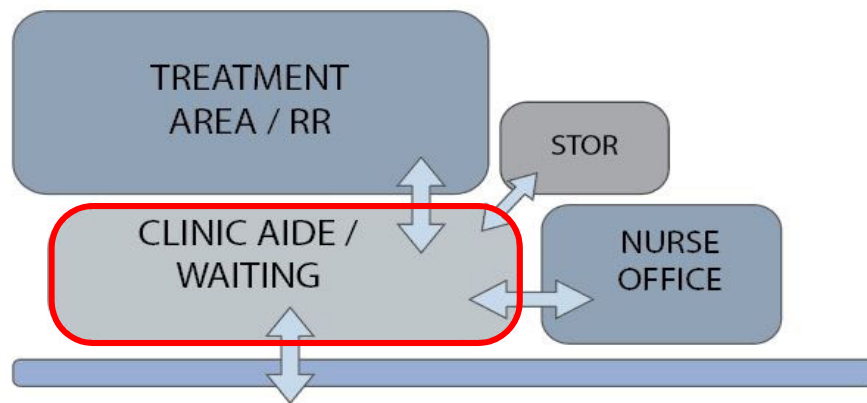
DESCRIPTION OF SPACE AND USES:

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.

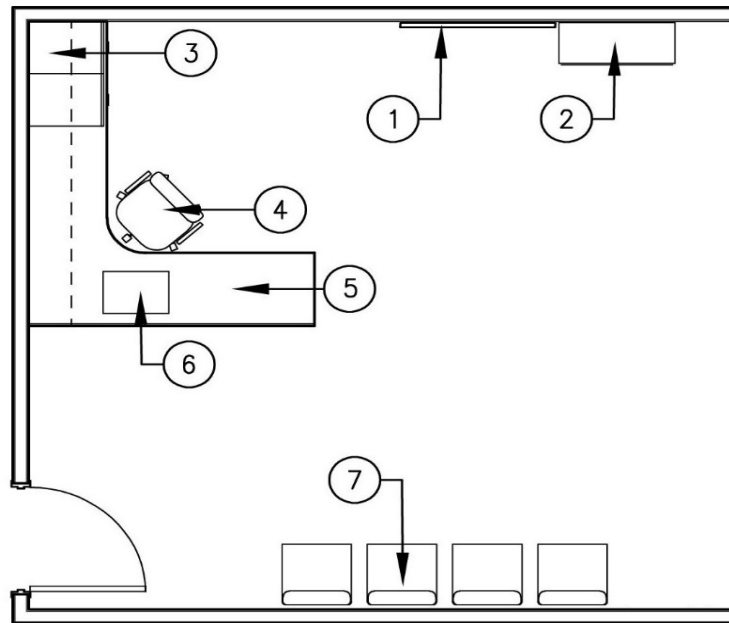
RELATIONSHIP DIAGRAM



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		1		
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		4		

Notes:

Treatment Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Treatment Area	1	N/A	370	370	Refrigerator should be tied to emergency generator.

PROGRAM DETAILS

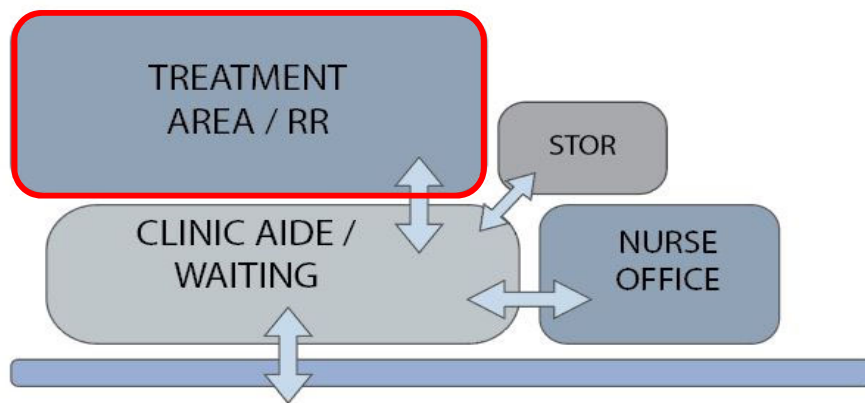
DESCRIPTION OF SPACE AND USES:

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		2		
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		
Changing Table	15	Contractor installed	2		
Paper Towel Dispenser	16	Contractor installed	2		
Eye Chart	17		2		
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

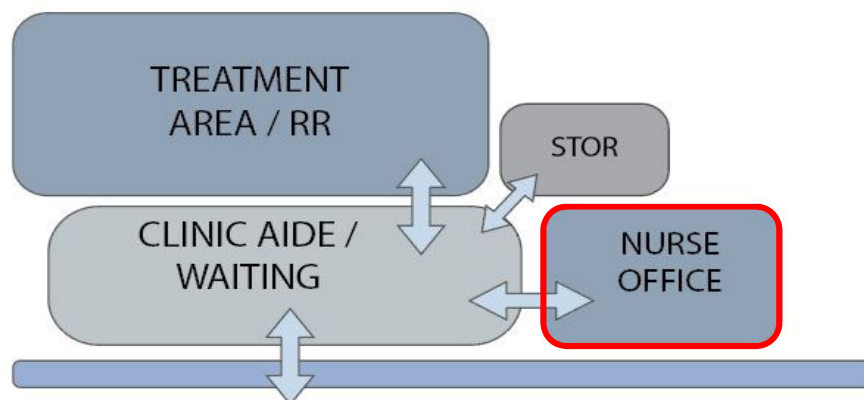
DESCRIPTION OF SPACE AND USES:

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

SPATIAL RELATIONSHIP:

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

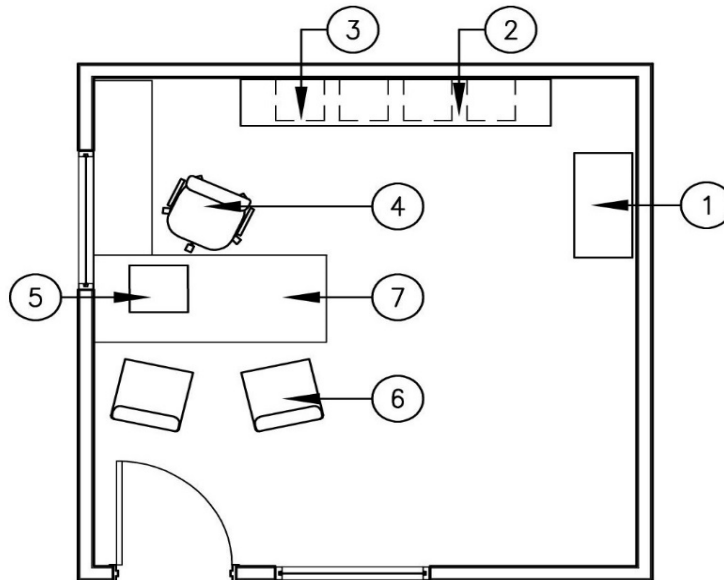
RELATIONSHIP DIAGRAM



Nurse's Office

Nurse's Office

LAYOUT



EQUIPMENT/FURNITURE

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

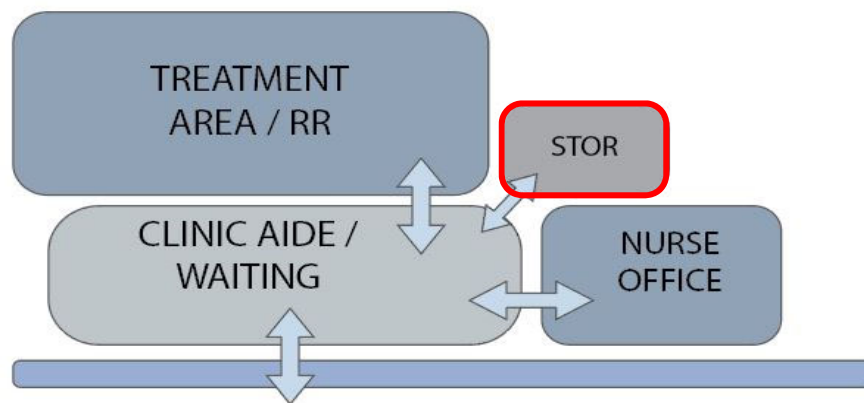
DESCRIPTION OF SPACE AND USES:

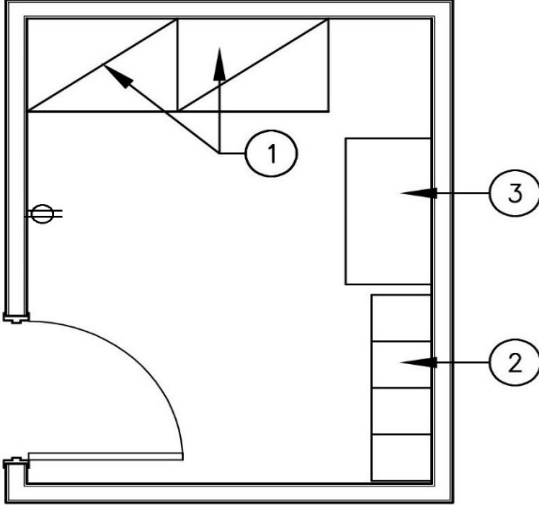
Storage space for clinic files, equipment and necessary supplies. Room for nurse's cart should also be provided.

SPATIAL RELATIONSHIP:

Must be located within Clinic.

RELATIONSHIP DIAGRAM



Storage					
Storage					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.					

Counselor's Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Counselor's Office	2		200	400	Confirm number of counselors prior to design.

PROGRAM DETAILS

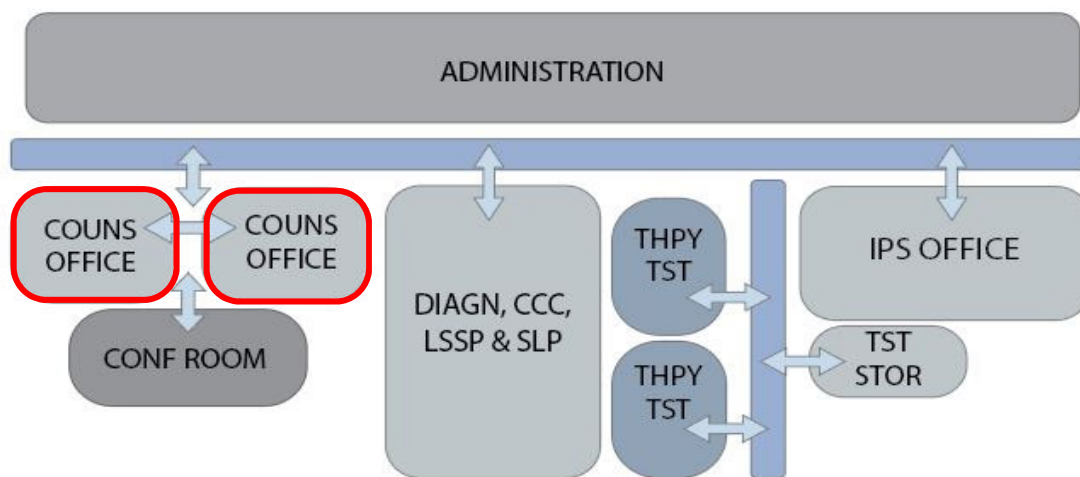
DESCRIPTION OF SPACE AND USES:

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.

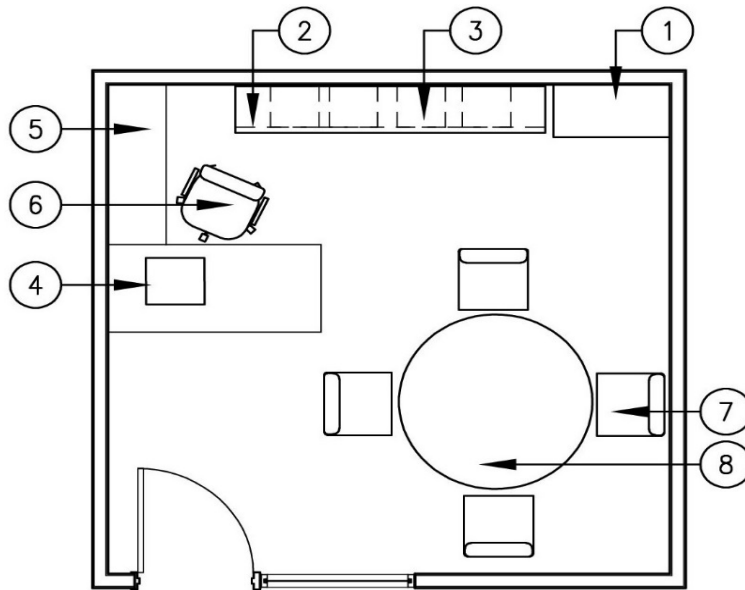
RELATIONSHIP DIAGRAM



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		
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	1		300	300	

PROGRAM DETAILS

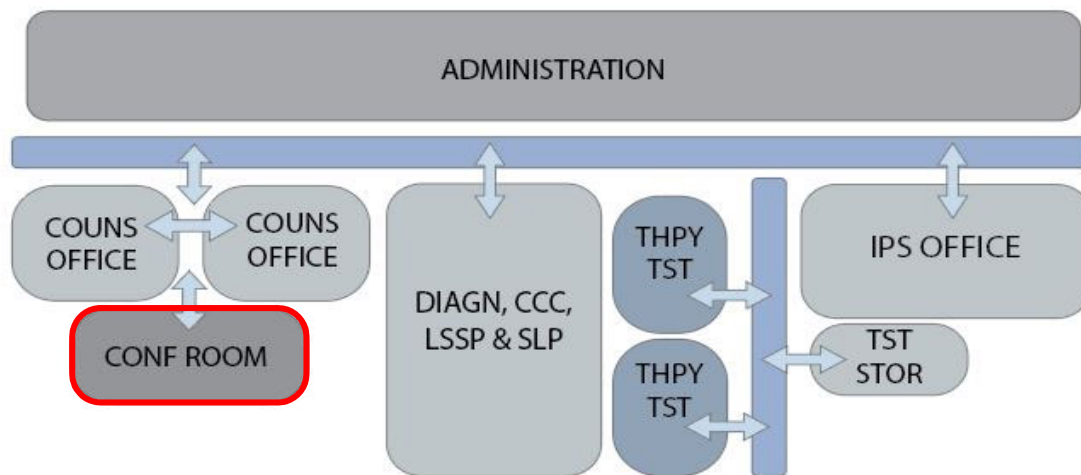
DESCRIPTION OF SPACE AND USES:

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

SPATIAL RELATIONSHIP:

Locate within Counseling Suite

RELATIONSHIP DIAGRAM



Conference Room					Conference Room
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		
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.					

Diagnostician, CCC, LSSP & SLP

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Diagnostician, CCC, LSSP & SLP	1	1	450	450	Large group space for special programs

PROGRAM DETAILS

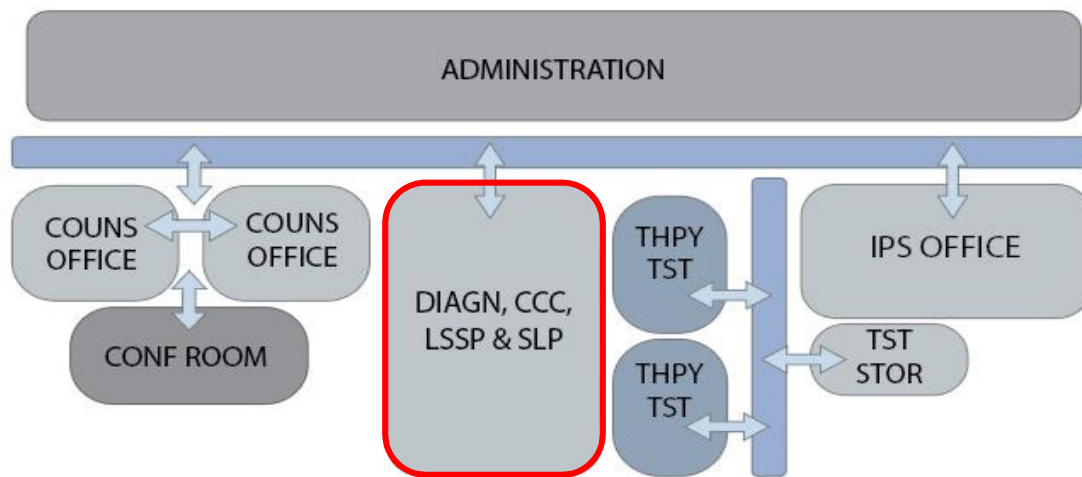
DESCRIPTION OF SPACE AND USES:

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.

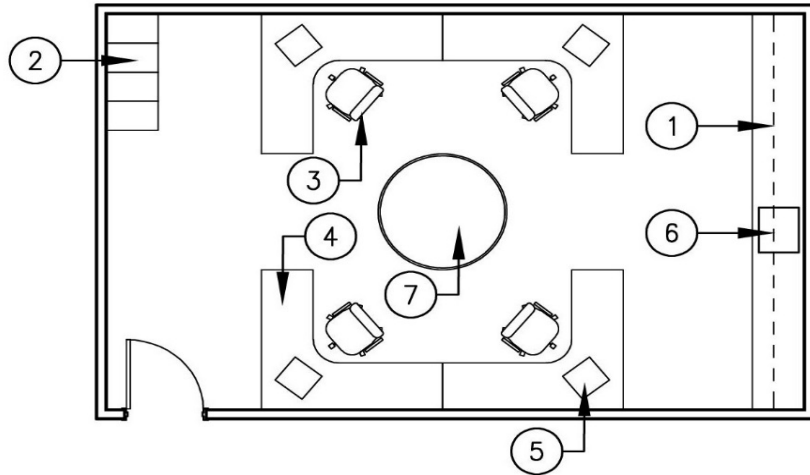
RELATIONSHIP DIAGRAM



Diagnostician, CCC, LSSP & SLP

Diagnostician, CCC, LSSP & SLP

LAYOUT

**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

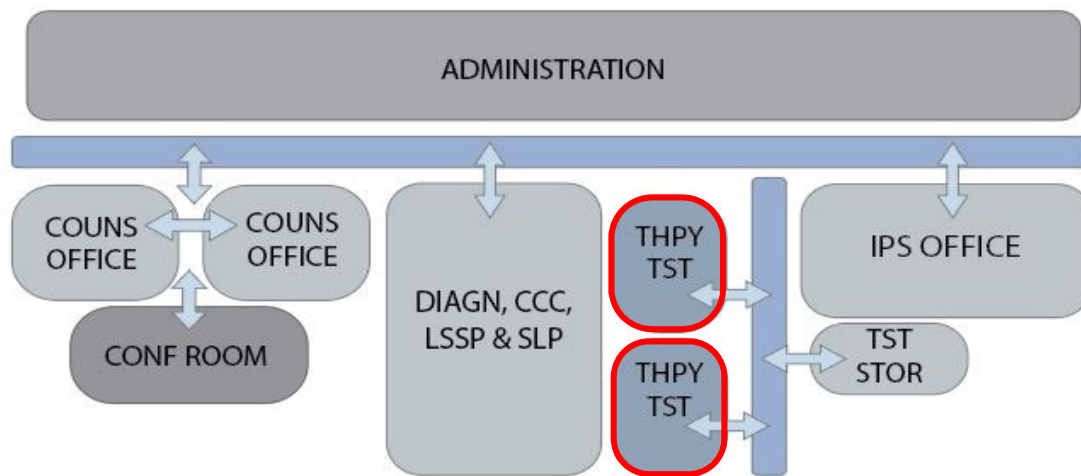
DESCRIPTION OF SPACE AND USES:

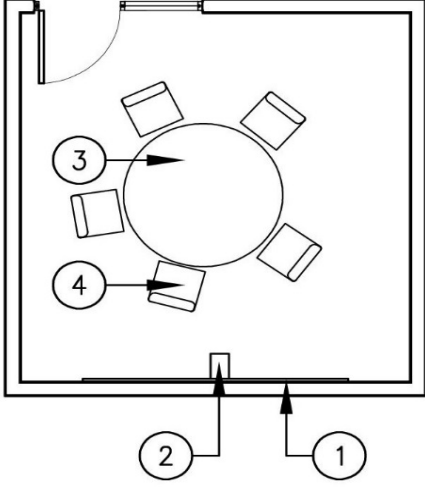
Conference rooms for Campus Compliance Coordinator (CCC), Diagnostician, Licensed Specialist in School Psychology (LSSP), and Speech Language Path (SLP) to meet with students and/or parents and for therapy testing.

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'	
Small Group Projection Device	2		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Conference Table	3		1		
Chair	4		4		
Notes:					

Testing Storage

PROGRAM SPACES

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

PROGRAM DETAILS

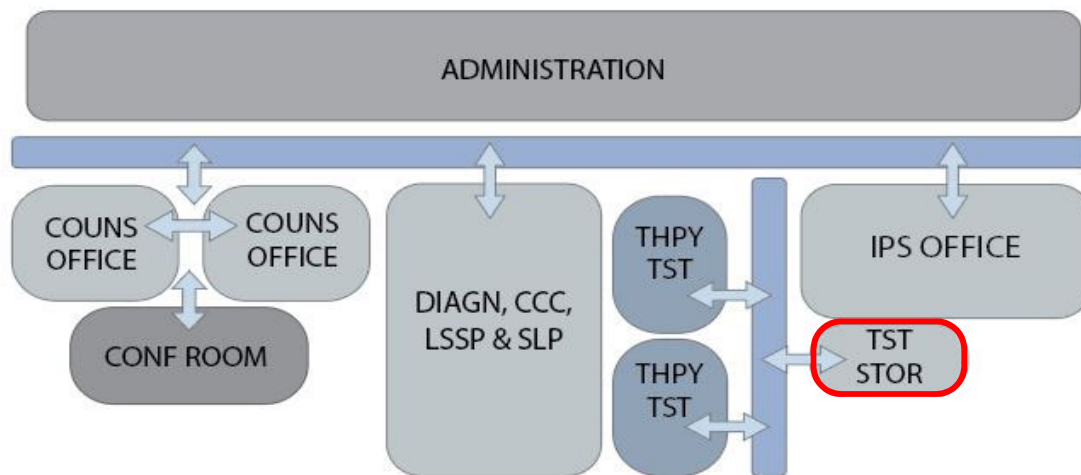
DESCRIPTION OF SPACE AND USES:

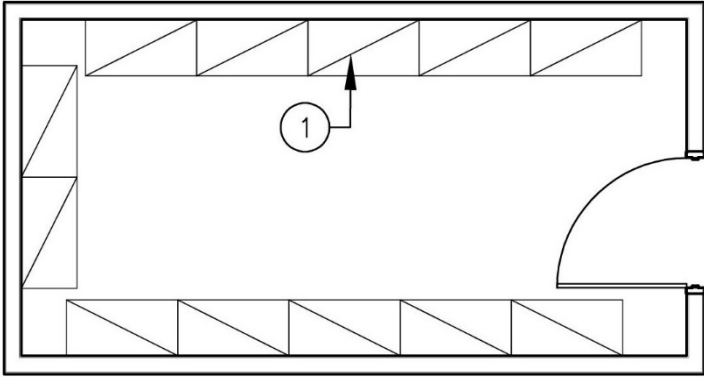
Storage space for standardized testing materials.

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 fire rated.					

PROGRAM SPACES

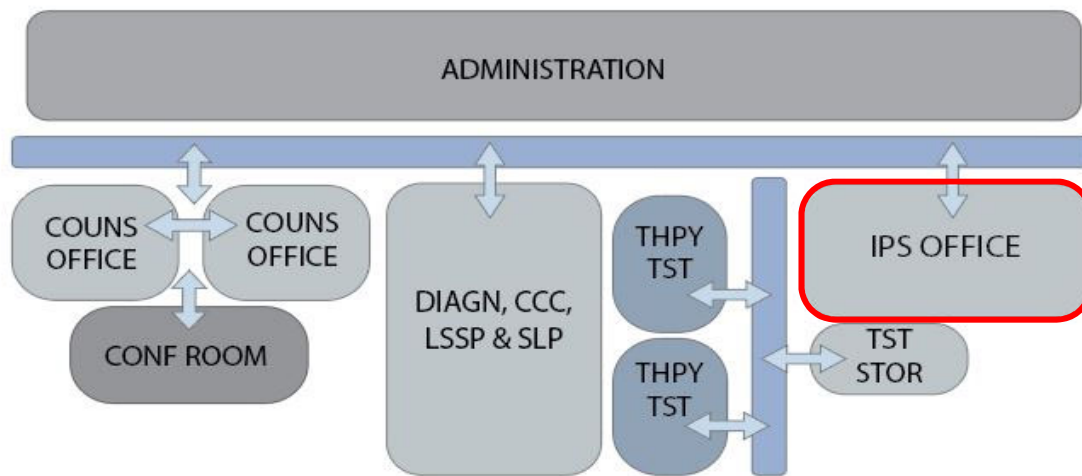
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
IPS Office	1		450	450	

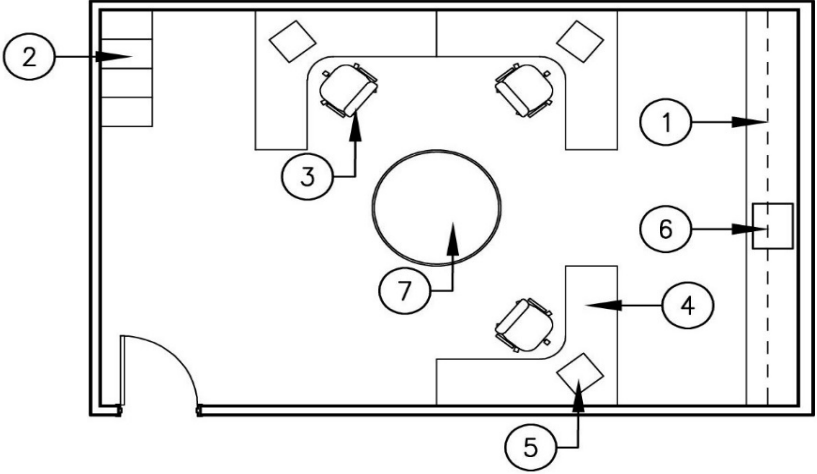
PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

Office space for Itinerant Professionals.

SPATIAL RELATIONSHIP:

To be located adjacent to Special Education offices.

RELATIONSHIP DIAGRAM

IPS Office					
IPS Office					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1				
Vertical File Cabinet Drawers	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:					



ACADEMIC CLASSROOMS



1. PROGRAM DESCRIPTION

The academic classroom area for elementary schools shall house classrooms for Kindergarten through 5th grade with Pre-K at some campuses as approved/directed by Fort Bend ISD Administration. Classroom location with access to outdoor play areas/playgrounds should be included.

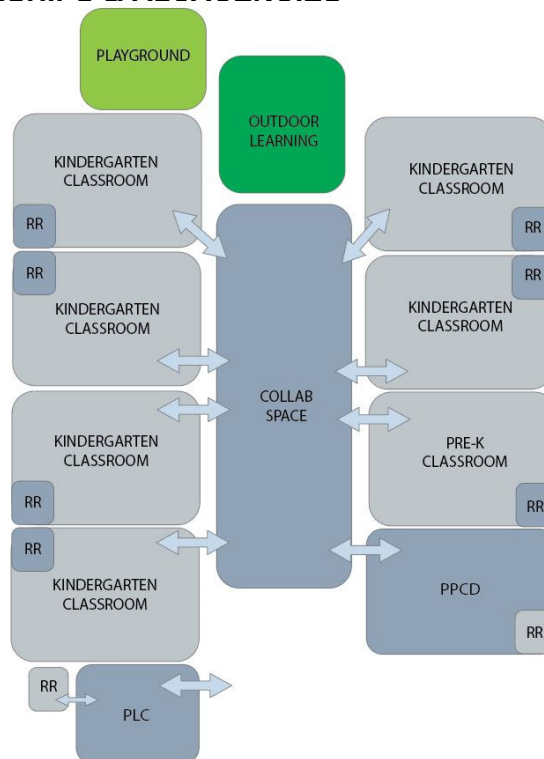
Pre-K and Kindergarten classrooms shall have bathrooms provided within the classroom space. Campuses providing a Pre-School Program for Children with Disabilities (PPCD) will have one additional classroom in the Pre-K/K wing with a restroom located within the classroom.



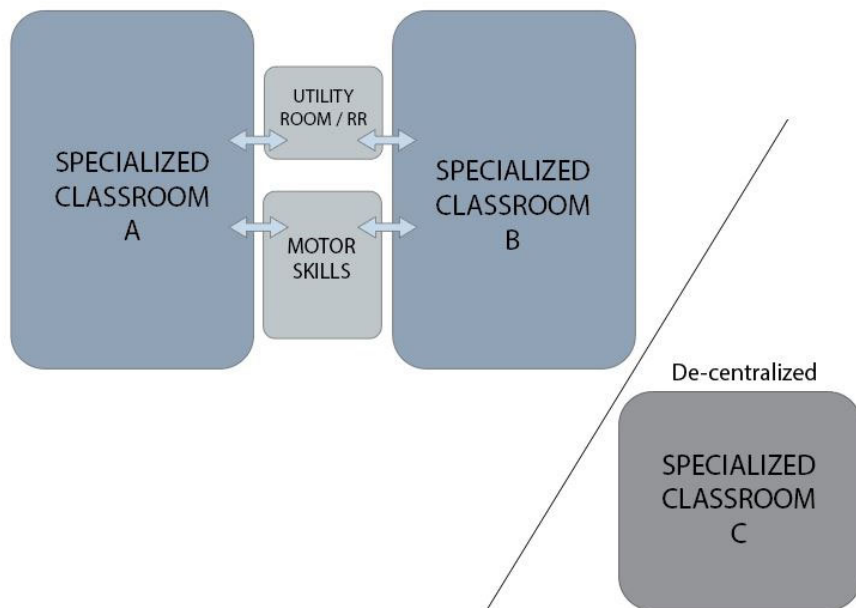
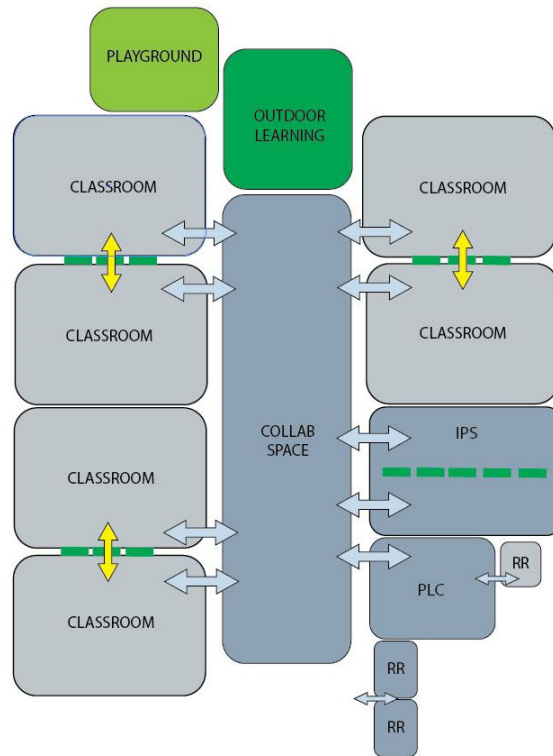
Remaining grade levels (1st-5th) will each have six classrooms with separate boys & girls student restrooms. Classroom wings will also include an Instructional Pull-out Space (IPS) for students to work independently or as a small group. Folding partitions/walls between classrooms allow flexibility to the classrooms as they allow for large group instruction and team teaching for classrooms in 1st – 5th grade wings. Special Education classrooms will be provided as well as an OT/PT motor lab, utility room and restroom.

All classroom spaces will be centered around a collaboration space at each grade level. This space will allow for large group instruction and/or act as a space for small groups to work together. A Professional Learning Center (PLC) should be provided at each grade level as well as a teacher restroom with direct access from the PLC room. Outdoor learning and play areas will be provided at the campus.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



ACADEMIC CLASSROOMS



ACADEMIC CLASSROOMS

3. PROGRAM OF SPACE

Space/Function	Qty	SF	TOTAL SF	Notes
ACADEMIC CLASSROOMS				
Collaboration Space Pre-K - 1st	2	600	1,200	1 per grade level
Collaboration Space 2nd - 5th	4	1,000	4,000	1 per grade level
PLC / Teacher Workroom	6	400	2,400	1 per grade level
Pre-K and K Classrooms				
PPCD Classroom	1	935	935	
PPCD Restroom	1	75	75	Located in PPCD
Pre-K / K Classrooms	7	875	6,125	6 K / 1 Pre-K
Student Restrooms	7	60	420	Located one per classroom
Teacher Restroom	1	60	60	
1st - 4th Grade Classrooms				
Classrooms	24	800	19,200	6 per grade level
Student Restrooms	8	190	1,520	2 per grade level (one boy/one girl)
Teacher Restroom	4	60	240	1 per grade level
5th Grade Classrooms				
Classrooms	6	875	5,250	6 per grade level
Student Restrooms	2	190	380	2 per grade level (one boy/one girl)
Teacher Restroom	1	60	60	1 per grade level
Special Education				
Specialized Classroom	2	1,000	2,000	Includes kitchenette
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 /Restroom	1	250	250	
Outdoor Spaces				
Outdoor Learning	2		0	
Outdoor Play Area	2		0	
ACADEMIC CLASSROOMS SUBTOTAL: 48,915 SF				

ACADEMIC CLASSROOMS

4. FINISHES

	Walls				Floor		Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Tile	2x2 Acoustical Lay-In	Exposed	
ACADEMIC CLASSROOMS									
Collaboration Space	X				X		X		
PLC/Teacher Workroom			X		X		X		
Instructional Pull-Out Space (IPS)	X				X		X		
Corridors	X				X		X		
Pre-K and Kindergarten									
Pre-K/K & PPCD Classroom	X				X		X		
Restrooms		X				X	X		
1st - 5th Grade									
Classrooms	X				X		X		
Restrooms		X				X	X		
Special Education									
Specialized Classrooms	X				X				
Utility Room	X				X				
OT/PT Motor Lab			X		X				

Collaboration Space

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Collaboration Space	2 4	28	600 1,000	5,200	One Pre-K, one 1st - 600 SF; One each 2nd - 5th - 1,000 SF

PROGRAM DETAILS

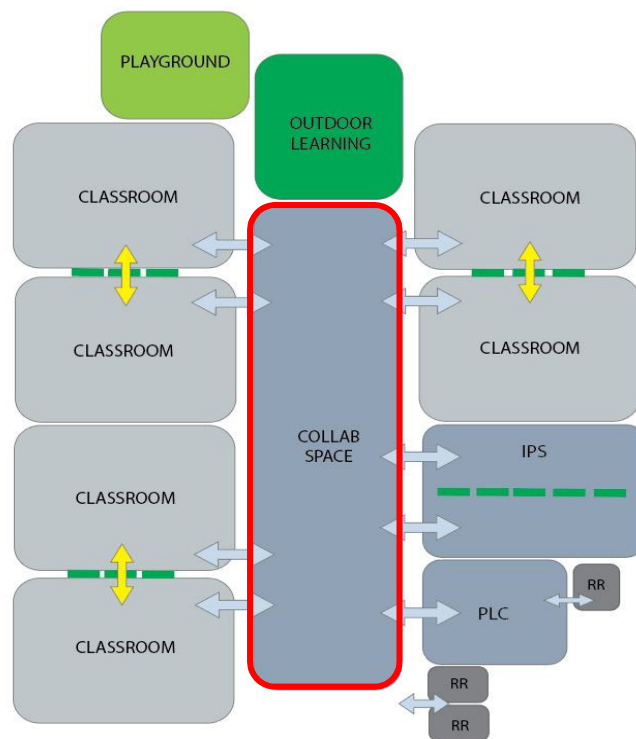
DESCRIPTION OF SPACE AND USES:

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.

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.

Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Collaboration Space

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

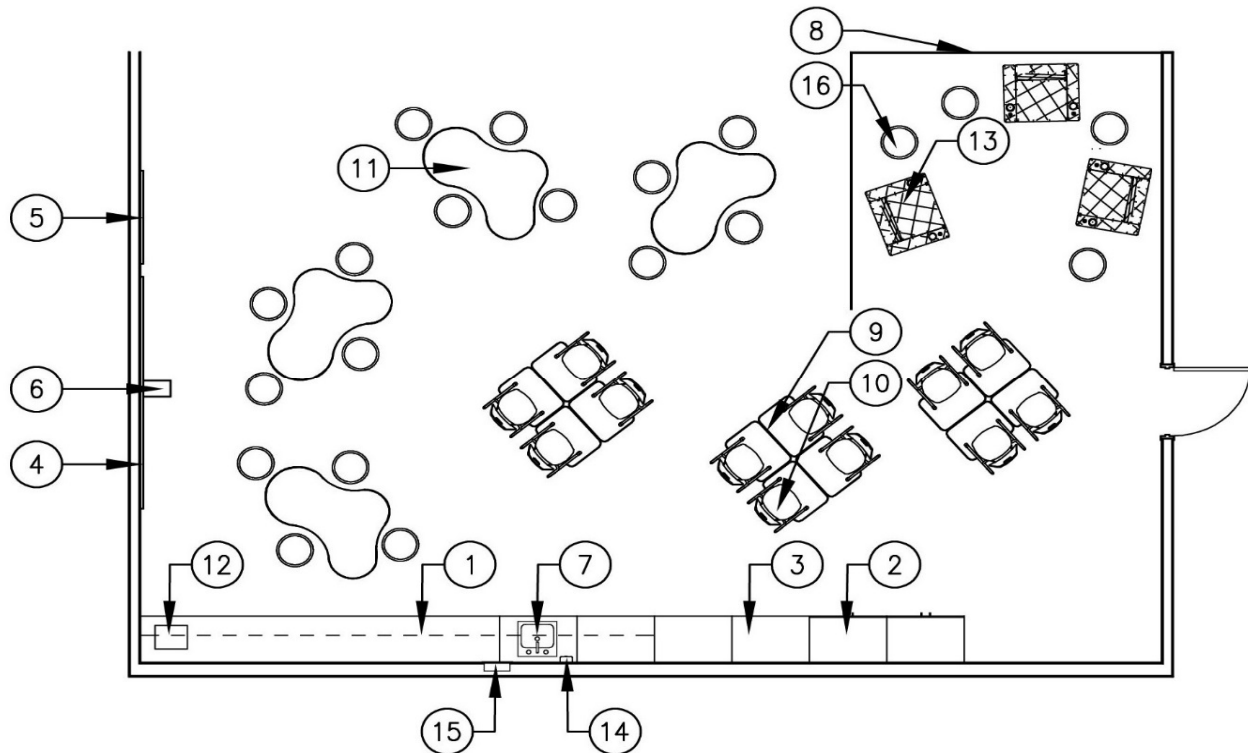
Science Experiments - Hands on lab activities with teacher guidance.

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

Reflection - Quiet individual work or reflection.

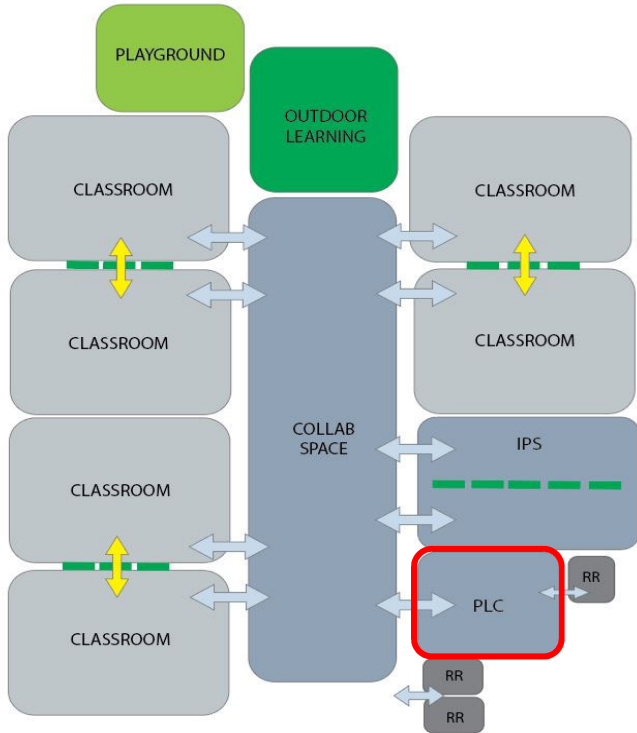
OTHER ACTIVITIES:

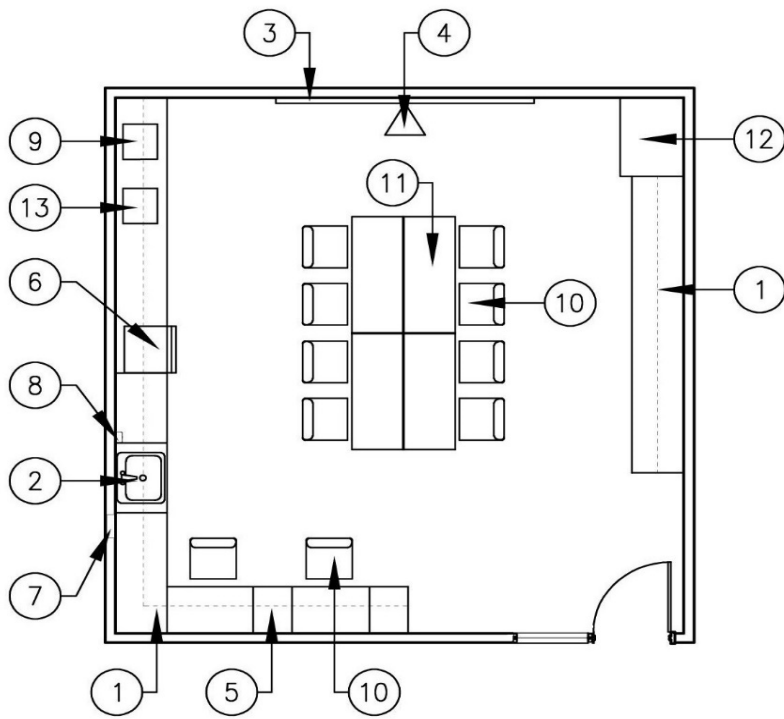
Holding area for students as they go to other activities or dismissal.

Collaboration Space**LAYOUT****EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Upper and Lower Cabinets	1	Line one wall with lockable cabinets; provide sink			
Tall Shelving Unit	2	Lockable	2	36" x 24" x 84"	
Tote Tray Cabinets	3		2	36" x 24" x 84"	
Markerboard	4		1	5' x 10'	
Markerboard	5		1	5' x 4'	
Instructional Display Technology	6		1		
Sink	7				
Screen	8		1		

Collaboration Space					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Desk	9	Book box below desk; backpack hook	12		
Student Chair	10	Stackable	12		
Amoeba Table	11		4		
Teacher Tool Set	12		1		
Soft Seating	13	Lounge chair	3		
Soap Dispenser	14	Contractor installed	1		
Paper Towel Dispenser	15	Contractor installed	1		
Wobbly stools	16		20		
Notes:					

PLC - Professional Learning Community/Teacher Workroom					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
PLC - Professional Learning Community/Teacher Workroom	6		400	2,400	
PROGRAM DETAILS					
0					
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					
					
LEARNING FRAMEWORK					
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.					

Preschool Program for Children with Disabilities (PPCD) Classroom and Restroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Preschool Program for Children with Disabilities (PPCD) Classroom and Restroom	1	12	935	935	Classroom inclusion at campus is determined by FBISD Administration.
	1		75	75	

PROGRAM DETAILS

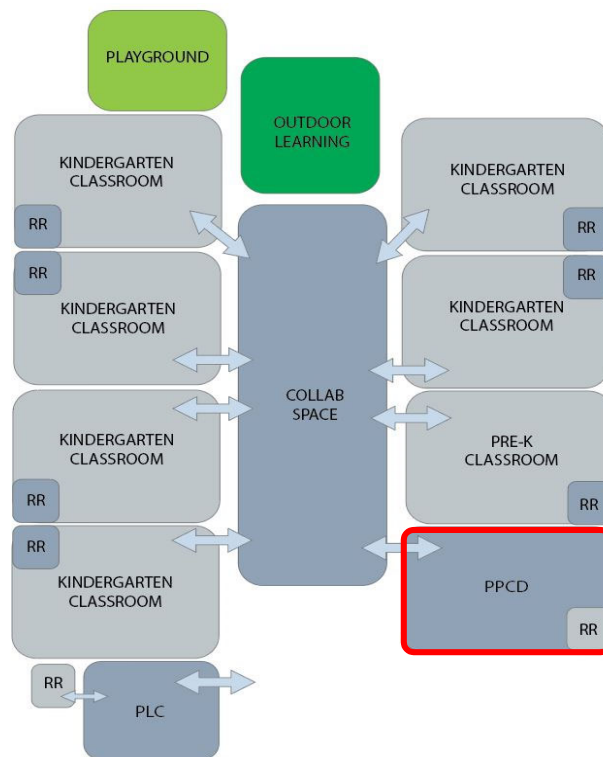
DESCRIPTION OF SPACE AND USES:

Learning activities will include small group tables for instruction, coloring, reading and playing. Classroom size is 935 SF; restroom is 75 SF

SPATIAL RELATIONSHIP:

PPCD classrooms shall be located adjacent to Pre-K & Kindergarten Classrooms. Should also be in close proximity to main entrance of building.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

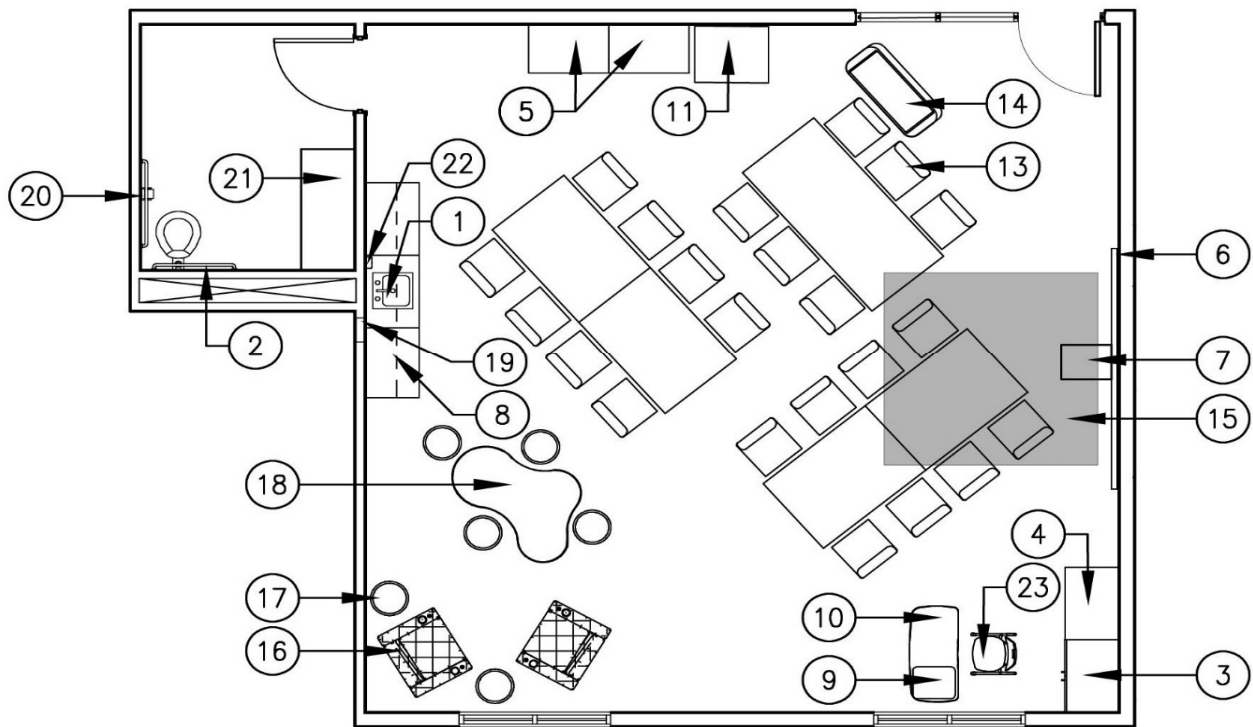
LEARNING ACTIVITIES:

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.

Learning activities are organized around centers.

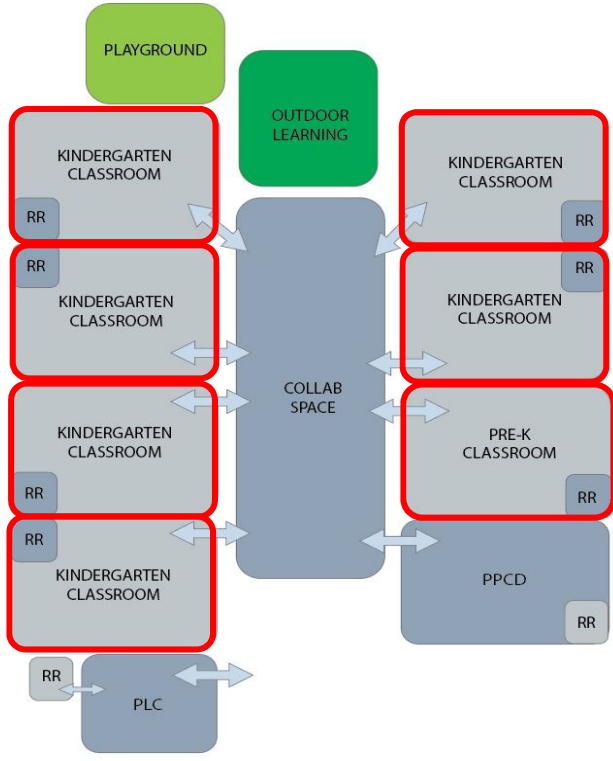
Group Reading - Whole class story time, sitting on floor rug area
Continuous Learning- Spill over to learning commons adjacent to classroom
Team Activities - Teaming between rooms to enhance learning activities
Blended Learning- Engaging, active learning through technology
Small group work - Students work on activities such as singing, coloring or playing, where they sit and/or stand, and use a diversity of materials and water.

LAYOUT



Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Sink	1		1		
Grab Bars	2		2		
Teacher Wardrobe	3		1	36" x 24" x 84"	
Tall Shelving Unit	4		1	36" x 24" x 84"	
Tall Shelving Unit	5	Lower half w/hooks; upper for storage	2	36" x 24" x 84"	
Markerboard	6	Below projector device	1	5' x 10'	
Instructional Display Technology	7		1		
Upper and Lower Cabinets	8		1		

Preschool Program for Children with Disabilities (PPCD) Classroom and Restroom					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Tool Set	9		1		
Teacher Desk	10		1		
Student Devices	11		1		
Student Table	12	Verify quantities with SPED Dept	5		
Student Chair	13	Provide diverse seating; Verify quantities with SPED Dept	24		
Bookshelf	14	Movable; Lockable Casters; Markerboard Back	1		
Rug	15	Numbers / Alphabet	1	8' x8'	
Soft Seating	16	Lounge Chair; can be paired up into small couch; Verify quantities with SPED Dept	2		
Wobbly stools	17		6		
Amoeba Table	18		1		
Paper Towel Dispenser	19	Contractor installed	1		
Toilet Paper Dispenser	20	Contractor installed	1		
Changing Station	21	Electric	1		
Soap Dispenser	22	Contractor installed	1		
Task Chair	23		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.					

Pre-Kindergarten/ Kindergarten ClassroomsRestrooms					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Pre-Kindergarten/ Kindergarten Classrooms	7	22	875	6,125	One (1) Pre-K Six (6) Kinder
Restrooms	7		60	420	
PROGRAM DETAILS					
DESCRIPTION OF SPACE AND USES: Classroom space for instruction, reading and play activities for Pre-Kindergarten and Kindergarten programs. Classroom size is 875 SF; restroom is 60 SF.					
SPATIAL RELATIONSHIP: Pre-K/K classrooms should be grouped together within the PreK/K classroom wing, within close proximity to administration suite, with a separate drop-off and pick-up drive. Classrooms shall be in close proximity to the instructional areas in the school.					
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.					
Learning activities are organized around centers.					

Pre-Kindergarten/ Kindergarten Classrooms Restrooms

OTHER ACTIVITIES:

Group Reading - Whole class story time, sitting on floor rug area

Continuous Learning- Spill over to learning commons adjacent to classroom

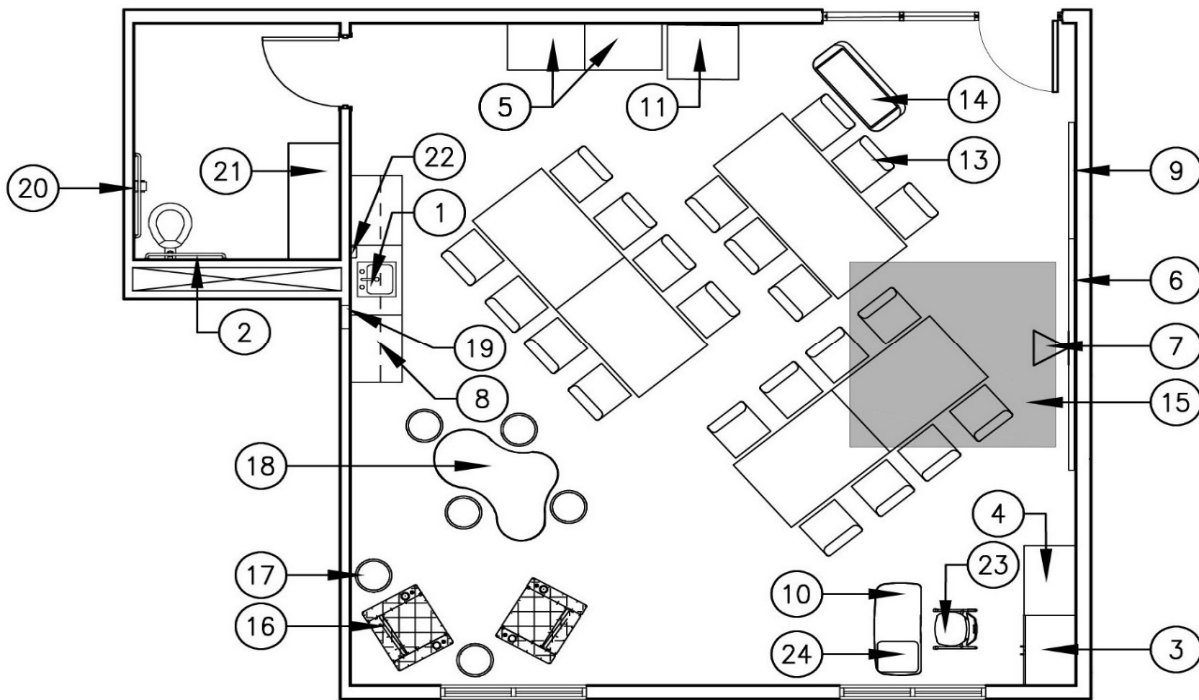
Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Small group work - Students work on activities such as singing, coloring or playing, where they sit and/or stand, and use a diversity of materials and water.

Pre-Kindergarten/ Kindergarten Classrooms Restrooms

LAYOUT

**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Sink	1		1		
Grab Bars	2		2		
Teacher Wardrobe	3		1	36" x 24" x 84"	
Tall Shelving Unit	4		1	36" x 24" x 84"	
Tall Shelving Unit	5	Lower half w/hooks; upper for storage	2	36" x 24" x 84"	
Markerboard	6	Below projector device	1	5' x 10'	
Instructional Display Technology	7		1		
Upper and Lower Cabinets	8		1		
Markerboard	9			4' x 5'	

Pre-Kindergarten/ Kindergarten ClassroomsRestrooms					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Desk	10				
Student Devices	11		1		
Student Table	12		5		
Student Chair	13	Stackable	24		
Bookshelf	14	Movable; Lockable Casters; Markerboard Back	1		
Rug	15	Numbers / Alphabet	1	8' x8'	
Soft Seating	16	Lounge Chair; can be paired up into small couch	2		
Wobbly stools	17		6		
Amoeba Table	18		1		
Paper Towel Dispenser	19	Contractor installed	1		
Toilet Paper Dispenser	20	Contractor installed	1		
Changing Station	21		1		
Soap Dispenser	22	Contractor installed	1		
Task Chair	23		1		
Teacher Tool Set	24		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.					

1st, 2nd, 3rd and 4th Grade Classrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
1st, 2nd, 3rd and 4th Grade Classrooms	24	22	800	19,200	6 per grade level

PROGRAM DETAILS

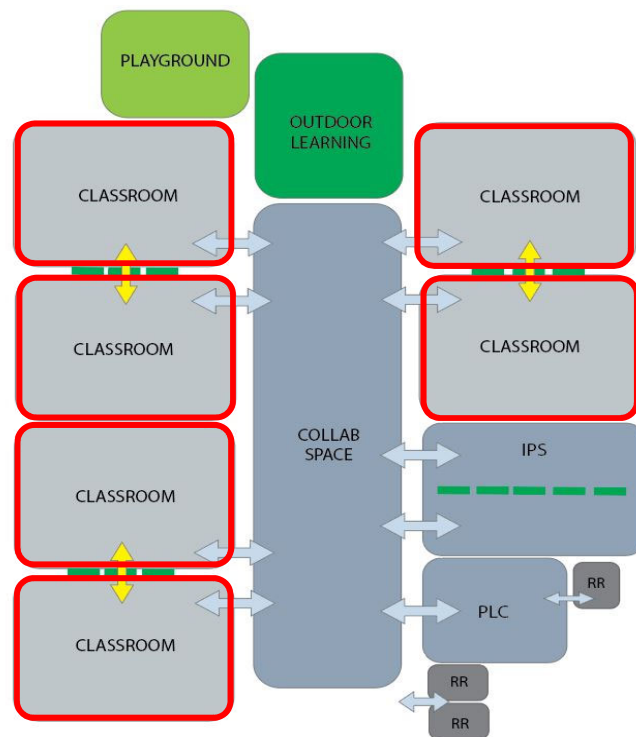
DESCRIPTION OF SPACE AND USES:

Classroom- English Language Arts, Mathematics, Social Studies, Reading

SPATIAL RELATIONSHIP:

Locate clusters of classrooms around grade level collaboration space in close proximity to IPS and PLC spaces as well as student restrooms. Access to outdoor learning / play areas should be considered.

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

1st, 2nd, 3rd and 4th Grade Classrooms

Group Reading - Whole class story time, sitting on floor rug area

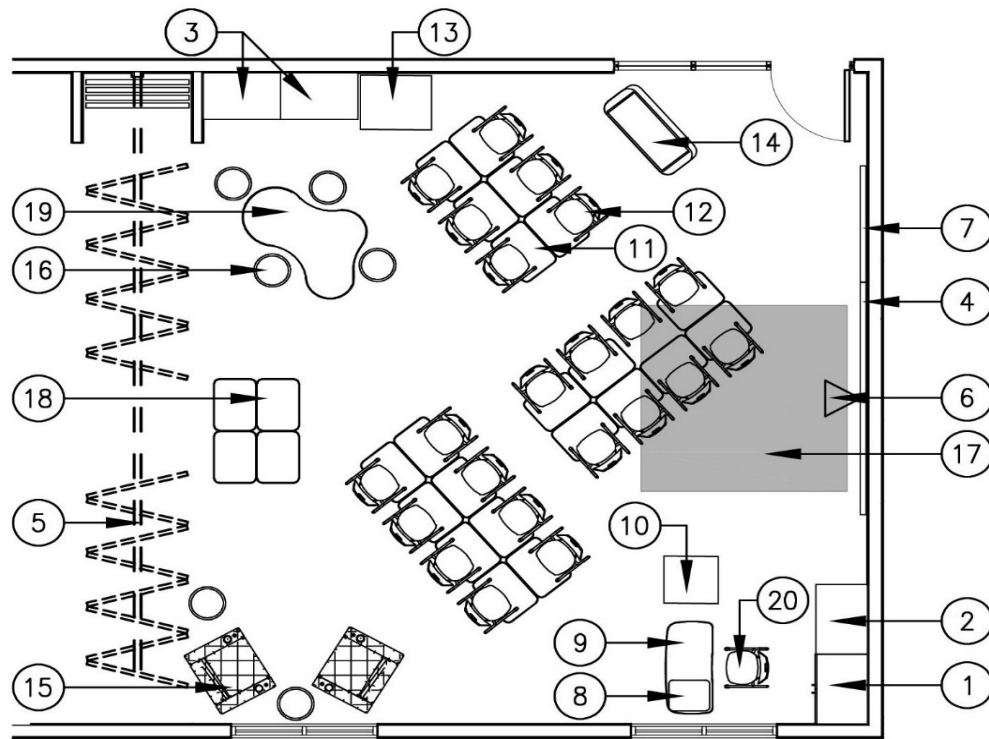
Continuous Learning- Spill over to learning commons adjacent to classroom

Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

SPACES

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Teacher Wardrobe	1		1	36" x 24" x 84"	
Tall Shelving Unit	2		1	36" x 24" x 84"	
Tall Shelving Unit	3	Lower half w/hooks; upper for storage	2	36" x 24" x 84"	
Markerboard	4	Below projection device	1	5' x 10'	
Magnetic Folding Wall	5	Markerboard surface	1		
Instructional Display Technology	6		1		
Markerboard	7		1	4' x 5'	

1st, 2nd, 3rd and 4th Grade Classrooms					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Tool Set	8		1		
Teacher Desk	9				
Teacher Podium	10		1		
Student Desk	11		22		
Student Chair	12		22		
Student Devices	13		1		
Classroom Library	14	Movable; Lockable Casters; Markerboard Back	1		
Soft Seating	15		2		
Wobbly stools	16		6		
Rug	17		1	8' x 8'	
Student Desk	18	Standing Height	4		
Amoeba Table	19		1		
Task Chair	20		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.					

5th Grade Classrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
5th Grade Classrooms	6	22-25	875	5,250	

PROGRAM DETAILS

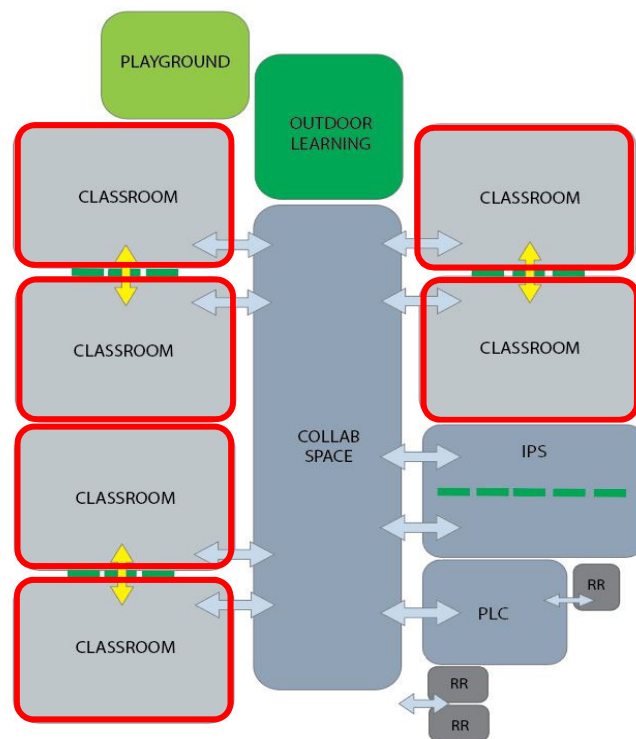
DESCRIPTION OF SPACE AND USES:

Classroom- English Language Arts, Mathematics, Social Studies, Reading

SPATIAL RELATIONSHIP:

Locate clusters of classrooms around grade level collaboration space in close proximity to IPS and PLC spaces as well as student restrooms. Access to outdoor learning / play areas should be considered.

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

5th Grade Classrooms

Group Reading - Whole class story time, sitting on floor rug area

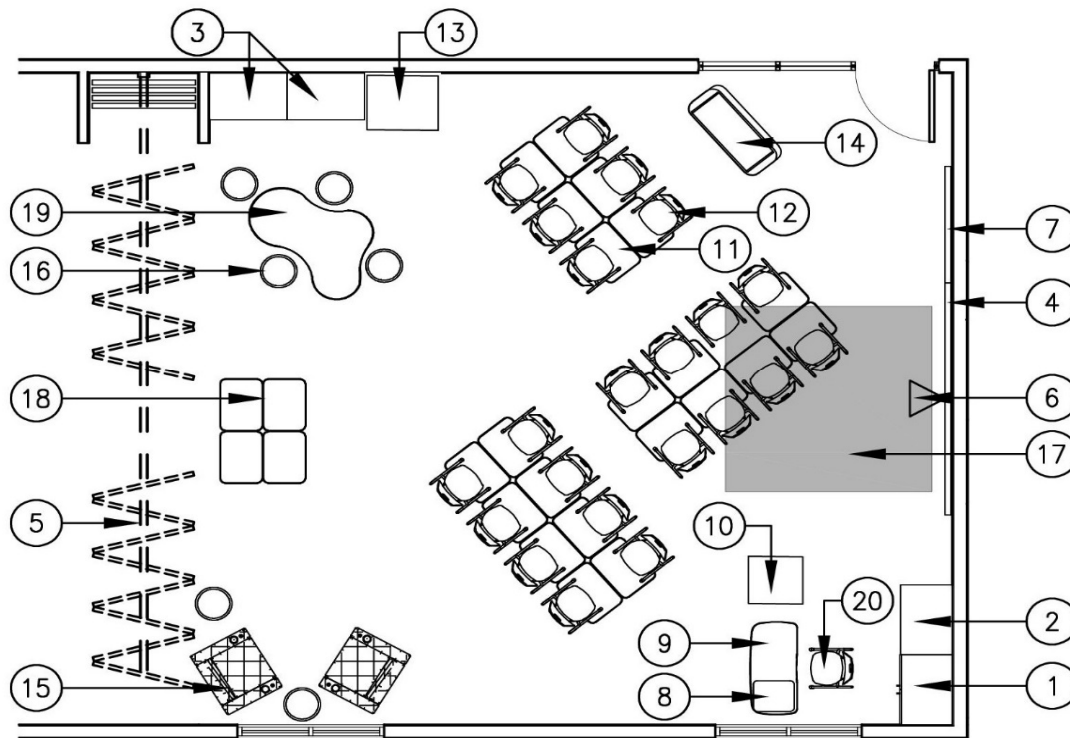
Continuous Learning- Spill over to learning commons adjacent to classroom

Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

SPACES

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Teacher Wardrobe	1		1	36" x 24" x 84"	
Tall Shelving Unit	2		1	36" x 24" x 84"	
Tall Shelving Unit	3	Lower half w/hooks; upper for storage	2	36" x 24" x 84"	
Markerboard	4	Below projection device	1	5' x 10'	
Magnetic Folding Wall	5	Markerboard surface	1		
Instructional Display Technology	6		1		
Markerboard	7		1	4' x 5'	

5th Grade Classrooms					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Tool Set	8		1		
Teacher Desk	9				
Teacher Podium	10		1		
Student Desk	11		22		
Student Chair	12		22		
Student Devices	13		1		
Bookshelf	14	Movable; Lockable Casters; Markerboard Back	1		
Soft Seating	15		2		
Wobbly stools	16		6		
Rug	17		1	8' x8'	
Student Desk	18	Standing Height	4		
Amoeba Table	19		1		
Task Chair	20		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.					

Student Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Student Restrooms	10	N/A	190	1900	Two (2) per grade level 1st through 5th

PROGRAM DETAILS

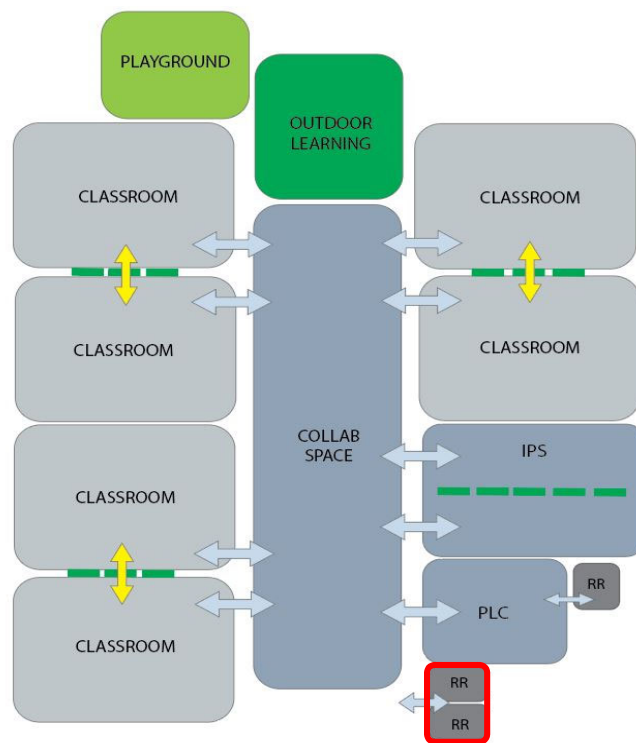
DESCRIPTION OF SPACE AND USES:

Multi-stall/user restrooms for students in grade level classroom clusters.

SPATIAL RELATIONSHIP:

Located in close proximity to the grade level classroom clusters, off corridor near collaboration space, IPS and PLC rooms.

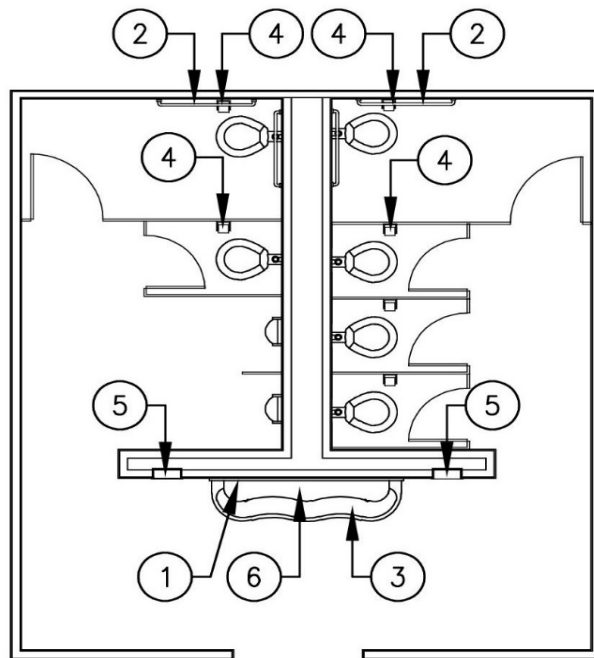
RELATIONSHIP DIAGRAM



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		4		
Multi User Basin Sink	3		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Toilet Paper Dispenser	4	Contractor installed	6		
Paper Towel Dispenser	5	Contractor installed	2		
Soap Dispenser	6	Contractor installed	3		

Notes:

1. Two stalls (minimum) per restroom.

Teacher / Staff Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Teacher / Staff Restrooms	6	N/A	60	360	

PROGRAM DETAILS

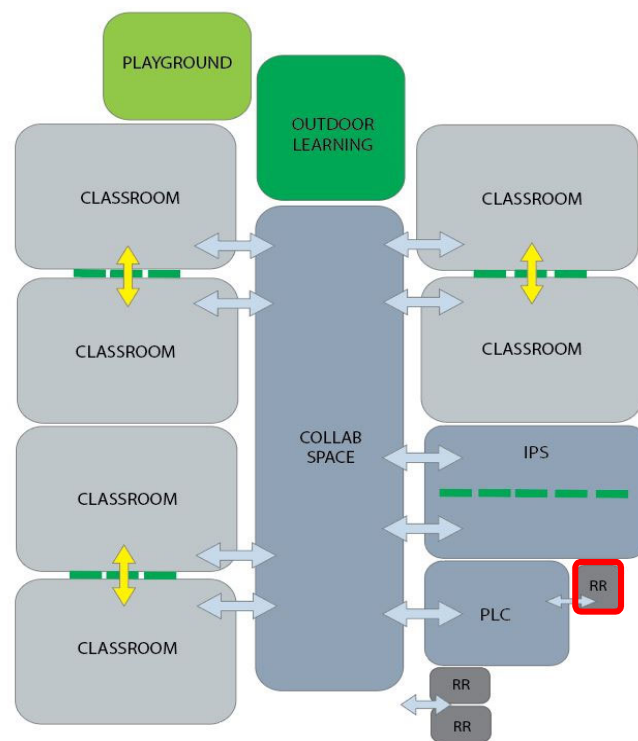
DESCRIPTION OF SPACE AND USES:

Unisex single user restrooms for teachers/staff.

SPATIAL RELATIONSHIP:

Located within each classroom wing and adjacent to PLC room.

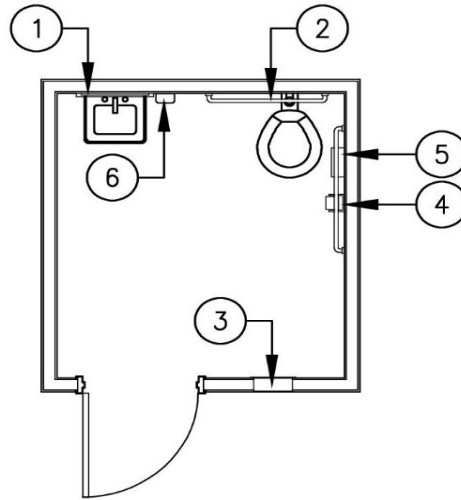
RELATIONSHIP DIAGRAM



Teacher / Staff Restrooms

Teacher / Staff 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		1		

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

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.

Specialized Classrooms

PROGRAM SPACES

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

PROGRAM DETAILS

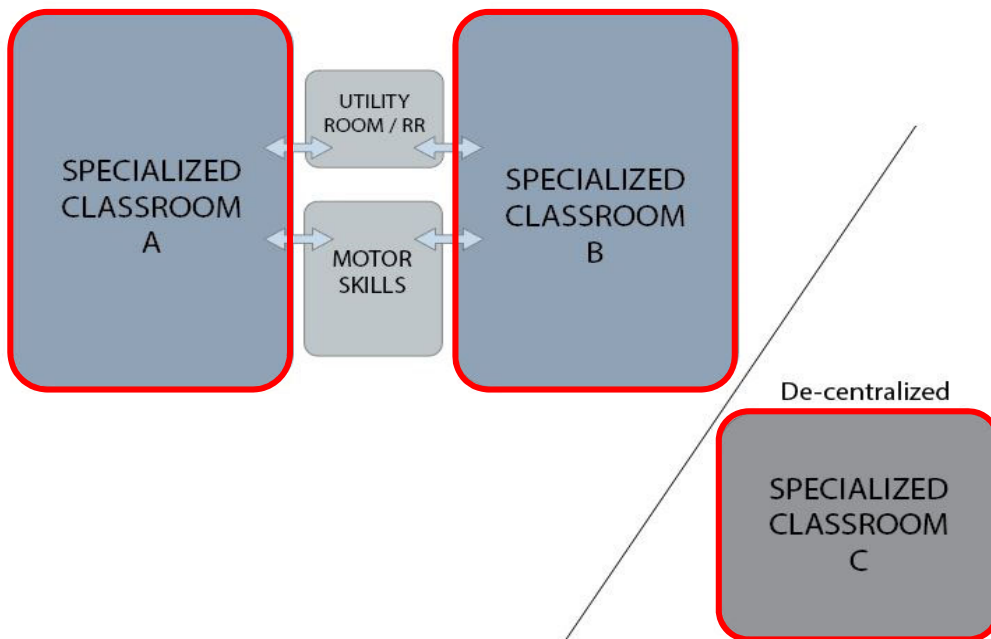
DESCRIPTION OF SPACE AND USES:

Specialized learning and instruction classrooms where life/coping skills and basic academics are taught. Classroom A to instruct medically fragile students while Classrooms B and C are for special needs (education) students.

SPATIAL RELATIONSHIP:

Specialized Classrooms should be located within close proximity to each other. Camera and microphone infrastructure to be to be considered in Specialized Classrooms (see Technology Standards).

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:

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

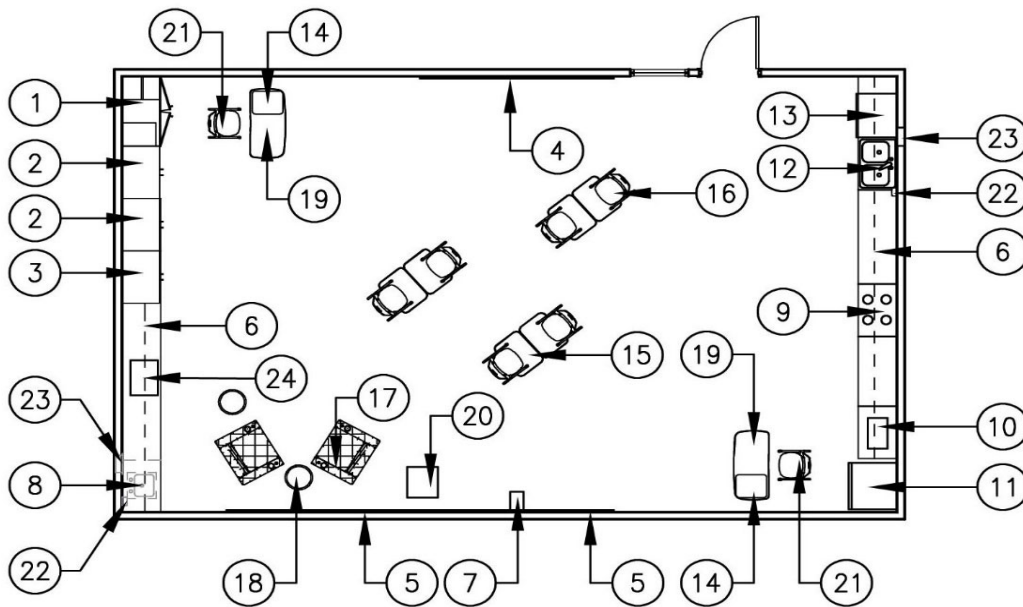
Specialized Classrooms

Group Reading - Whole class story time, sitting on floor rug area

Blended Learning- Engaging, active learning through technology

Specialized Classrooms

LAYOUT

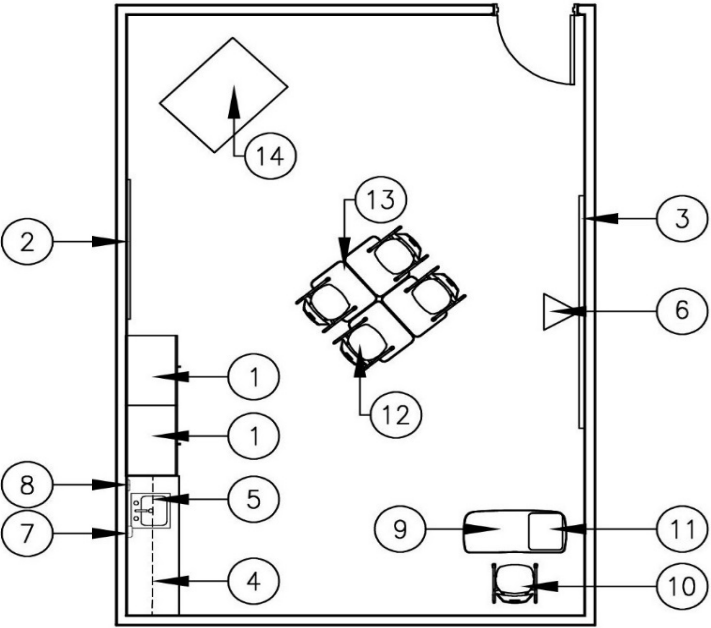


EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Teacher Wardrobe	1		1	36" x 24" x 84"	
Tall Shelving Unit	2		2	36" x 24" x 84"	
Tall Shelving Unit	3	Hooks and Storage	1	36" x 24" x 84"	
Mirror	4			6'x10'	
Markerboard	5	Below projection device	1	5' x 10'	
Upper and Lower Cabinets	6				
Instructional Display Technology	7		1		
Sink	8	Only in Specialized Classroom C	1		
Stove with Vent Hood	9		1		
Microwave	10		1		
Refrigerator	11		1		
Double Compartment Sink	12		1		
Dishwasher	13		1		

Specialized Classrooms					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Teacher Tool Set	14		1		
Student Desk	15		6		
Student Chair	16		6		
Soft Seating	17		2		
Wobbly stools	18		2		
Teacher Desk	19		2		
Student Devices	20		4		
Task Chair	21		2		
Soap Dispenser	22	Contractor installed	1		
Paper Towel Dispenser	23	Contractor installed	1		
Printer	24		1		
Notes:					
1. Only Specialized Classrooms A & B (1,000 SF) to have kitchenette's.					

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, Physical and Motor Skills lab space for development activities and de-escalation space.					
SPATIAL RELATIONSHIP: Adjacent to Specialized Classrooms A & B.					
RELATIONSHIP DIAGRAM					
<pre> graph LR A[SPECIALIZED CLASSROOM A] <--> UR[UTILITY ROOM / RR] UR <--> B[SPECIALIZED CLASSROOM B] A <--> MS[MOTOR SKILLS] MS <--> B C[SPECIALIZED CLASSROOM C] C --- DC[De-centralized] </pre>					

OT/PT/Motor Lab					OT/PT/Motor Lab
OT/PT/Motor Lab					LAYOUT
					
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 Technology	6		1		
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		
Teacher Desk	9		1		
Task Chair	10		1		
Teacher Office Tool Set	11		1		
Student Chair	12		4		
Student Desk	13		4		
Swing	14		1		
Notes:					

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

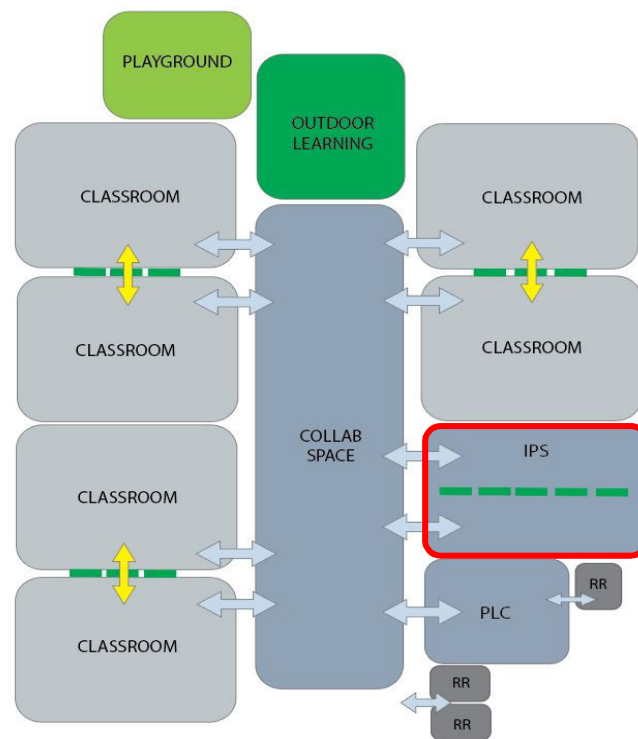
DESCRIPTION OF SPACE AND USES:

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.

Instructional Pull-Out Space (IPS)

OTHER ACTIVITIES:

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

Continuous Learning- Spill over to learning commons adjacent to classroom

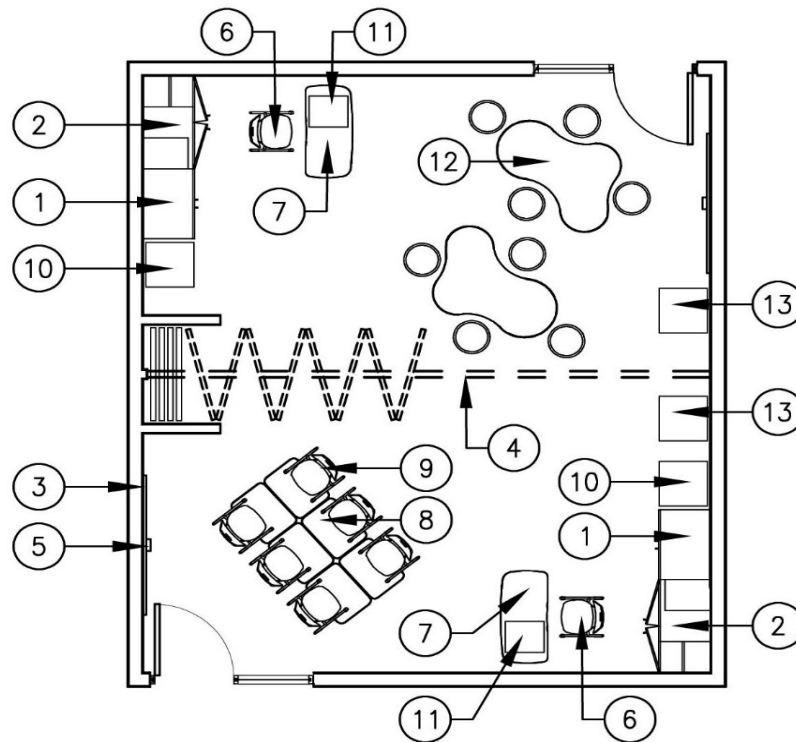
Team Activities - Teaming between rooms to enhance learning activities

Blended Learning- Engaging, active learning through technology

Reflection - Quiet individual work or reflection.

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

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

SPACES**LAYOUT****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"	
Teacher Wardrobe	2		2	36" x 24" x 84"	
Markerboard	3	Below projection device	2	5' x 10'	
Magnetic Folding Wall	4	Markerboard surface	1		
Instructional Display Technology	5		2		

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

Utility Room/Restroom

PROGRAM SPACES

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

PROGRAM DETAILS

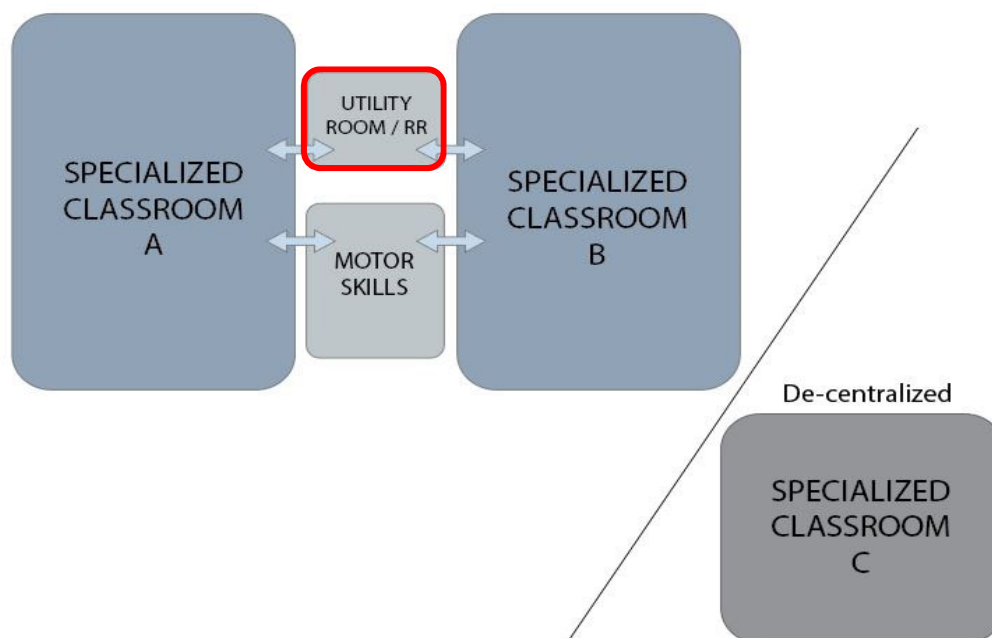
DESCRIPTION OF SPACE AND USES:

Restrooms for special education students with shower.

SPATIAL RELATIONSHIP:

Adjacent to Specialized Classrooms A and B.

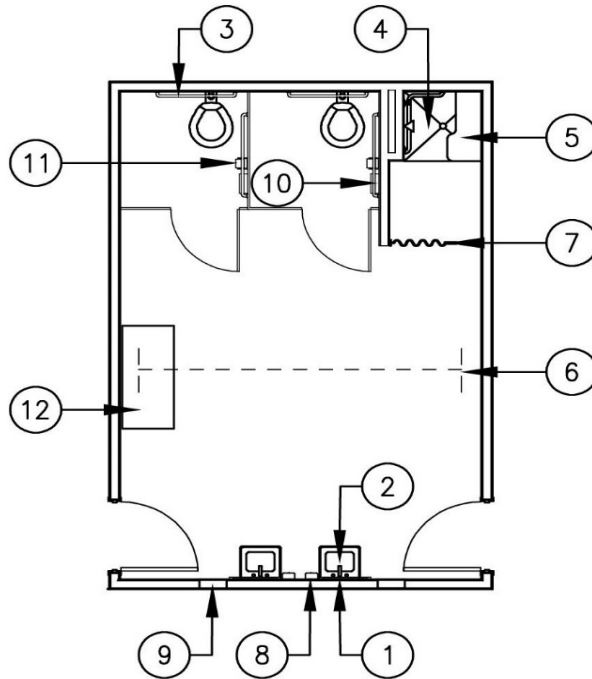
RELATIONSHIP DIAGRAM



Utility Room/Restroom

Utility Room/Restroom

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:

Outdoor Learning

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Outdoor Learning	6			0	

PROGRAM DETAILS

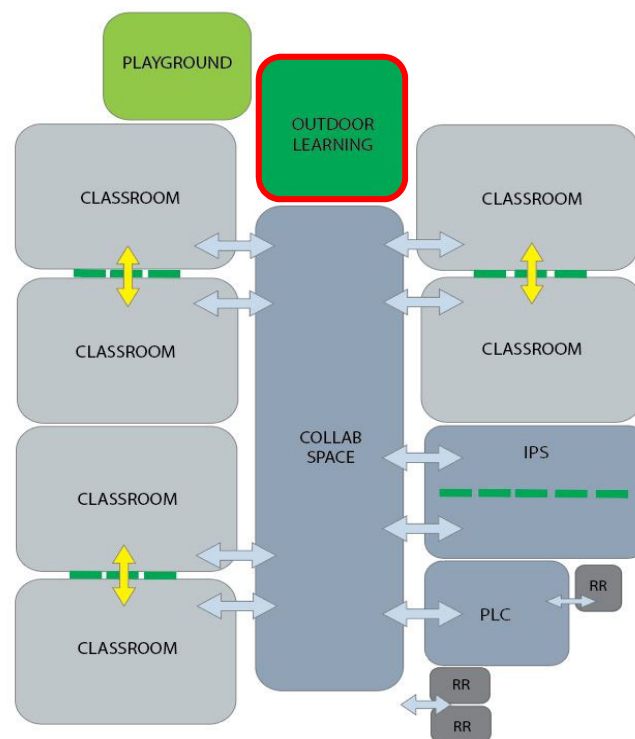
DESCRIPTION OF SPACE AND USES:

Outdoor learning space for students/teachers. To be used in conjunction with classroom learning.

SPATIAL RELATIONSHIP:

Located with direct access from classroom wings.

RELATIONSHIP DIAGRAM



Outdoor Learning					
Outdoor Learning					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Outdoor Seating	1	Tiered	1		
Display/Outdoor Markerboard	2		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Outdoor Play Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Outdoor Play Area	2			0	

PROGRAM DETAILS

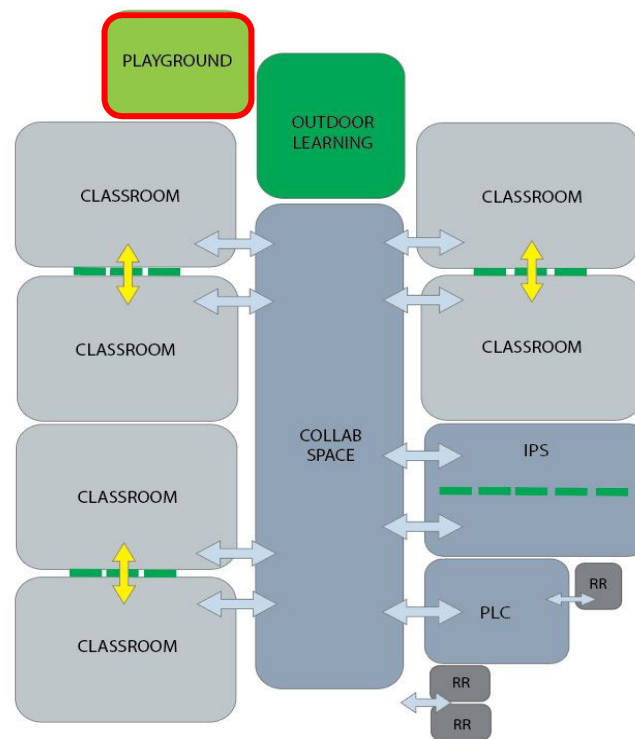
DESCRIPTION OF SPACE AND USES:

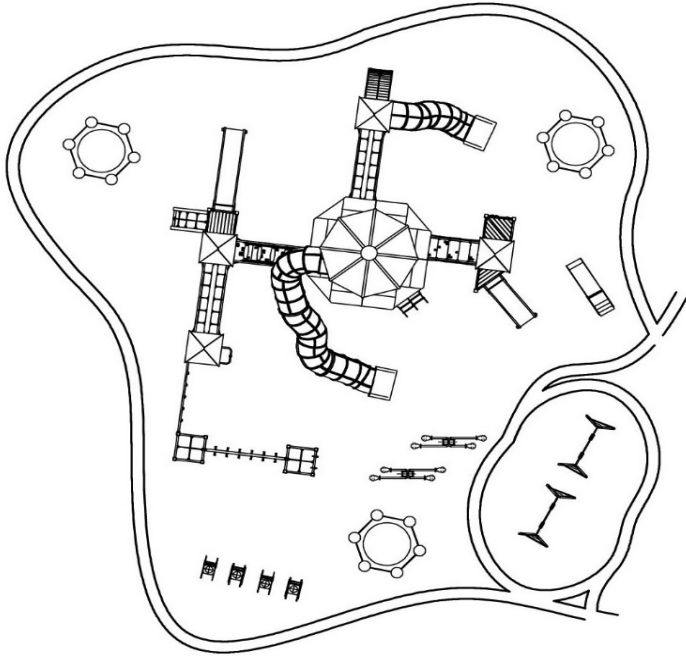
Outdoor play areas; one for lower levels and one for higher grades.

SPATIAL RELATIONSHIP:

Located with direct access from classroom wings.

RELATIONSHIP DIAGRAM



Outdoor Play Area					
Outdoor Play Area					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Playground Structure					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					
1. Refer to Technical Design Guidelines.					



CAFETERIA / KITCHEN/ CUSTODIAL



1. PROGRAM DESCRIPTION

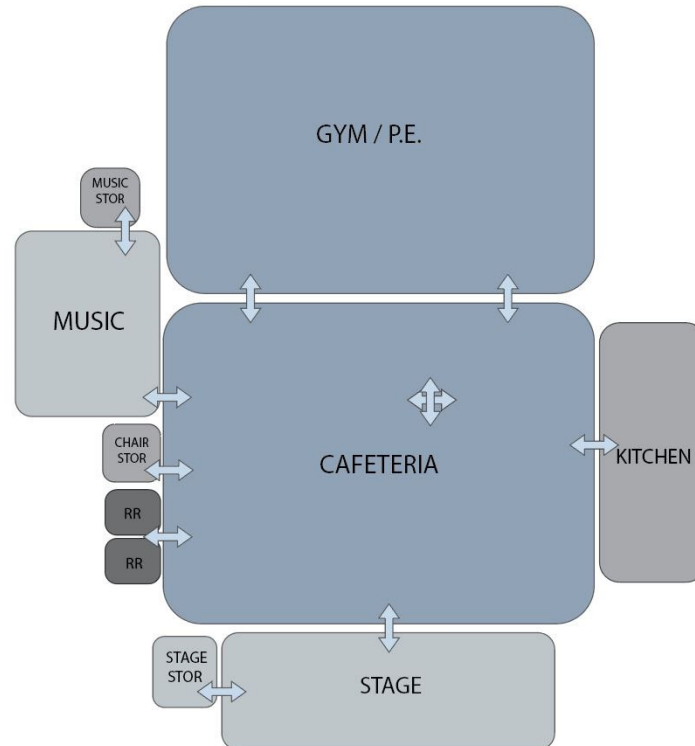
The cafeteria/commons space for an elementary school shall serve as student dining area as well as school assembly space and after-hours community meeting space (PTA, etc.). FBISD often rents this space to 'not for profit' groups as well, known as Enterprise Programs.

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 prepared or pre-cooked foods, therefore design and layout of kitchen and equipment must be coordinated and approved by FBISD Child Nutrition Department. Restrooms shall be provided near/adjacent to the Cafeteria space with access from the gymnasium.

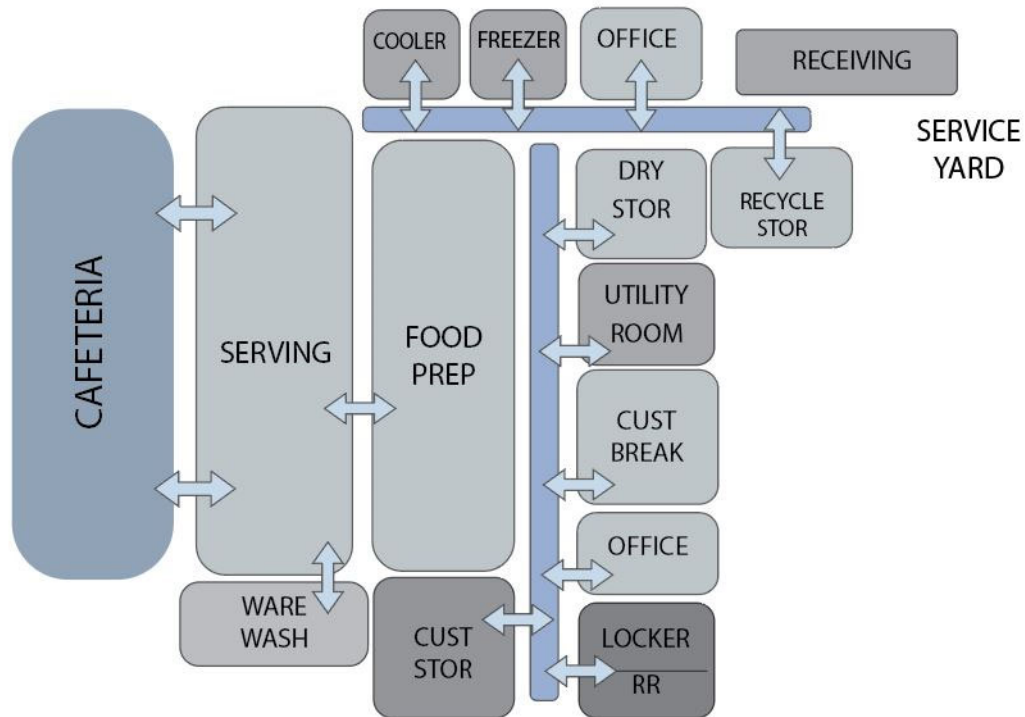


Music and stage are also located within the cafeteria space and will be addressed in the Specialized Rooms section of the Educational Specifications. Serving and kitchen spaces should be designed in conjunction with a Food Services Consultant. Stage and chair/table storage are also located within the cafeteria/commons area.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



CAFETERIA/KITCHEN/CUSTODIAL



3. PROGRAM OF SPACE

Space/Function	Qty	SF	TOTAL SF	Notes
CAFETERIA / KITCHEN / CUSTODIAL				
Cafeteria / Student Dining				
Cafeteria/Commons	1	4,675	4,675	
Chair/Table Storage	1	225	225	
Student Restrooms	2	280	560	
Kitchen				
Serving Area	1	950	950	
Food Preparation	2	555	1,110	
Dry Storage	1	205	205	
Manager's Office	1	80	80	
Walk-in Cooler	1	125	125	
Walk-in Freezer	1	125	125	
Receiving Area	1	100	100	
Locker Room	1	75	75	
Staff Restroom	1	100	100	
Warewash	1	300	300	
Utility Room	1	70	70	
Service Yard	1		0	

CAFETERIA/KITCHEN/CUSTODIAL

Space/Function	Qty	SF	TOTAL SF	Notes
Custodial				
Custodial Breakroom	1	250	250	
Custodial Office	1	100	100	
Custodial Closets	6	60	360	Located throughout building
Custodial Storage/Receiving	1	300	300	
Recycling Storage	1	150	150	
CAFE/KITCH/CUST SUBTOTAL:			9,860	SF

4. FINISHES

	Walls				Floor			Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Sealed Concrete	Tile	2x2 Acoustical Lay-In	Exposed	
CAFETERIA / KITCHEN / CUSTODIAL										
Cafeteria / Student Dining										
Cafeteria/Commons	X				X			X		
Chair Storage				X	X			X		
Student Restrooms		X					X	X		
Kitchen										
Serving Area		X					X	X		
Food Preparation		X					X	X		
Dry Storage				X			X	X		
Manager's Office				X	X			X		
Walk-in Cooler & Walk-in Freezer	X						X	X		As recommended by manufacturer
Receiving Area				X			X	X		
Locker Room				X			X	X		
Staff Restroom		X					X	X		
Warewash		X					X		X	
Utility Room				X			X	X		
Corridors		X					X	X		
Custodial										
Custodial Breakroom	X				X			X		
Custodial Office	X				X			X		
Custodial Closets	X						X	X		
Custodial Storage/Receiving	X								X	
Recycling Storage	X								X	

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

Cafeteria/Commons**PROGRAM SPACES**

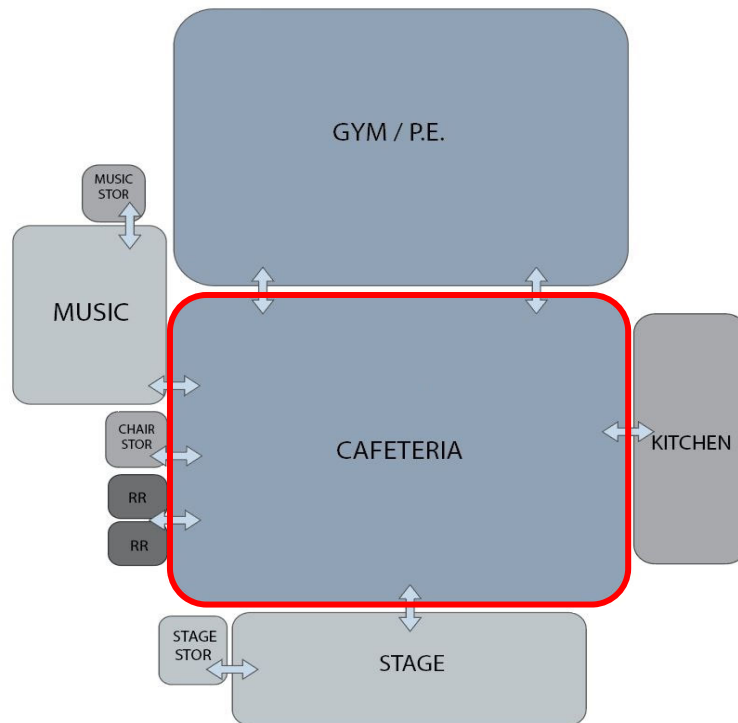
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Cafeteria/Commons	1	312 with tables and chairs; 668 with chairs only	4,675	4,675	Cafeteria used after hours, secure academic area with overhead gates.

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

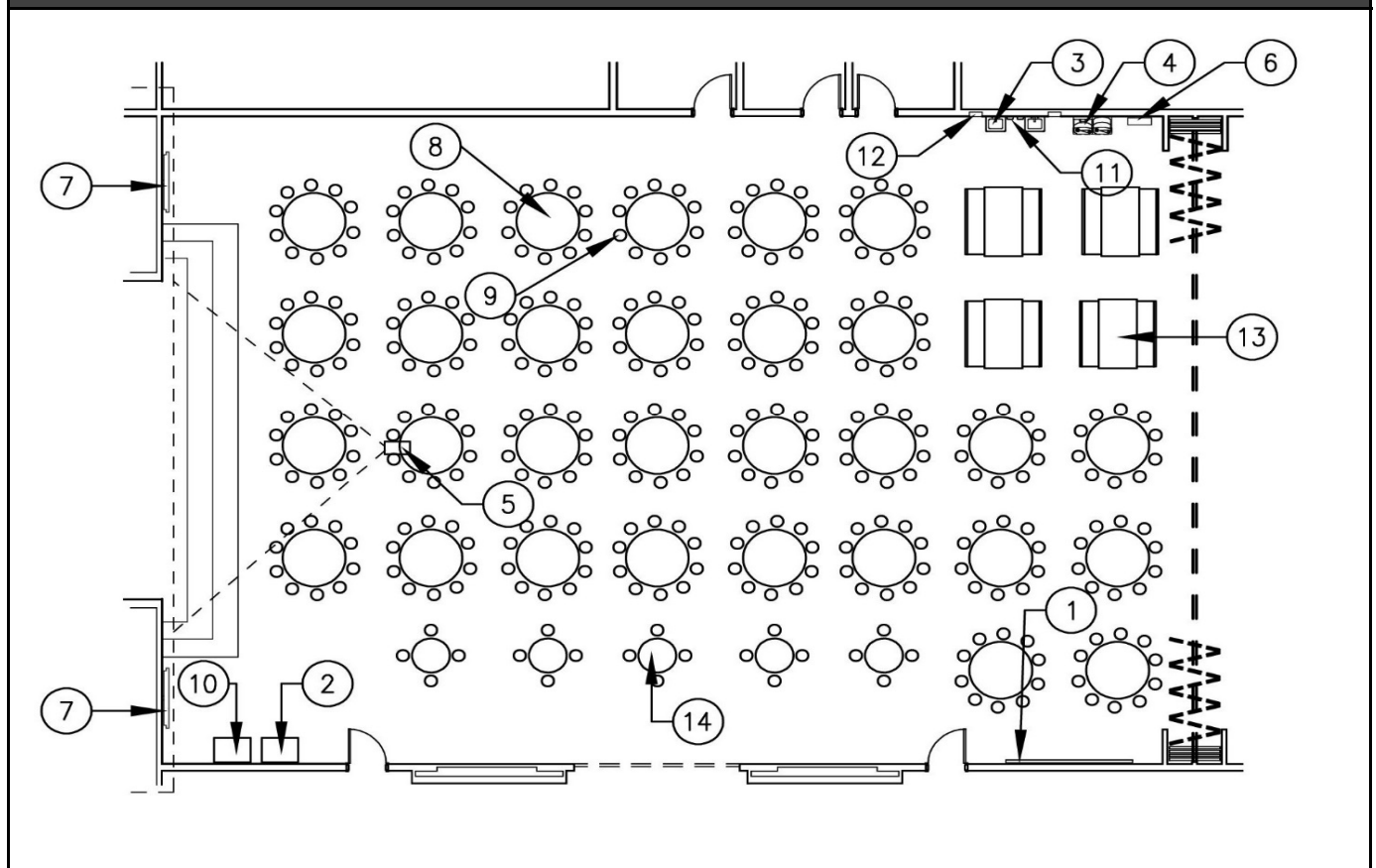
Cafeteria is used for student dining, indoor activities, and performances for students as well as after use for PTA meetings, use by non-profit groups, etc. Before and after school the cafeteria is used for holding and dispatching students.

SPATIAL RELATIONSHIP:

Cafeteria to be easily accessible from bus pick up area and main entry to school. Cafeteria and gymnasium should be adjacent and separated by folding partition. Provide chair and table storage, and locate close to restrooms.

RELATIONSHIP DIAGRAM

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		
DMX Controls	6	Coordinate location with Technology	1		
Large Area Display Technology	7		2		

Cafeteria/Commons					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Cafeteria Table	8		30		
Cafeteria Chairs	9		300		
Cafeteria/Gym Tool Set	10	On mobile cart	1		
Soap Dispenser	11	Contractor installed	2		
Paper Towel Dispenser	12	Contractor installed	2		
Booth Seating	13		4		
High Table and Stools	14	Counter height	5		
Notes:					
1. Cafeteria is rented to non-profit agencies after hours per FBISD policy. 2. Floor pattern to be designed to allow for children to be organized into groups. 3. Utilize colors to enhance the dining experience. 4. Utilize super graphics to create visual interest. 5. Consult with acoustician during design to ensure quality of acoustical design in room. 6. Provide plenty of charging stations.					

Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Restrooms	2	N/A	280	560	Toilets could be combined with PE toilet rooms.

PROGRAM DETAILS

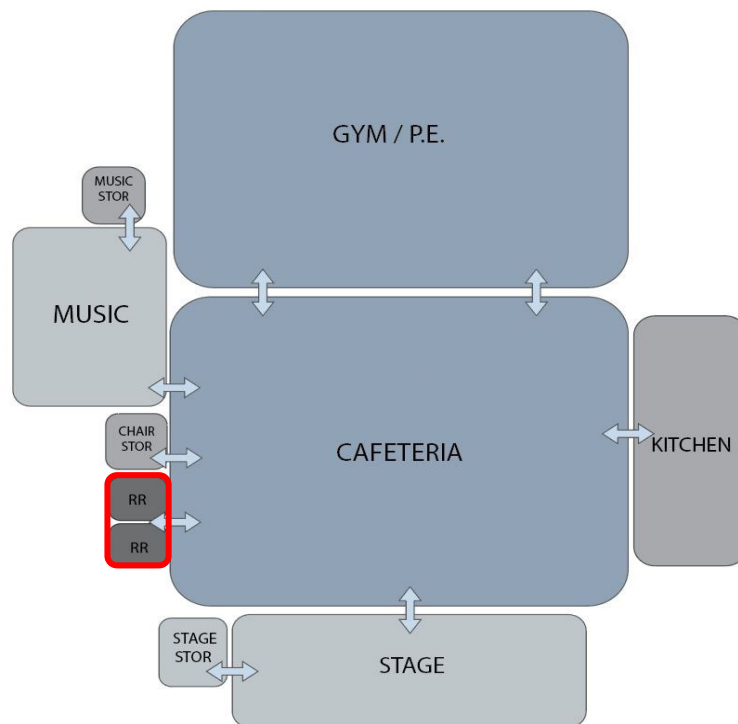
DESCRIPTION OF SPACE AND USES:

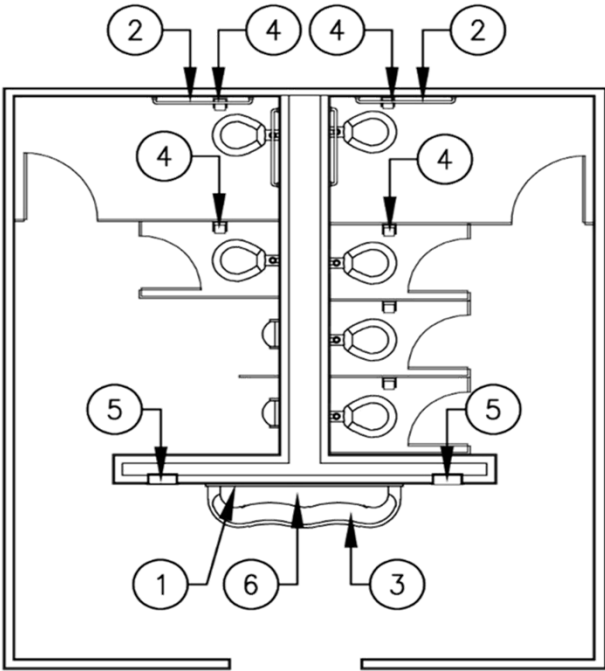
Toilet rooms, one for boys and one for girls. Height of fixtures for students/adult.

SPATIAL RELATIONSHIP:

Adjacent to Cafeteria for students during day and visitors for after hours activities. Restroom to be used by PE and should be easily accessible from gymnasium.

RELATIONSHIP DIAGRAM



Restrooms					
Restrooms					LAYOUT
					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Mirror	1		1		
Grab Bars	2		2		
Multi User Basin Sink	3		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Toilet Paper Dispenser	4	Contractor installed	5		
Paper Towel Dispenser	5	Contractor installed	2		
Soap Dispenser	6	Contractor installed	1		
Notes:					
1. Two stalls (minimum) per restroom.					

Chair Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Chair Storage	1	N/A	225	225	

PROGRAM DETAILS

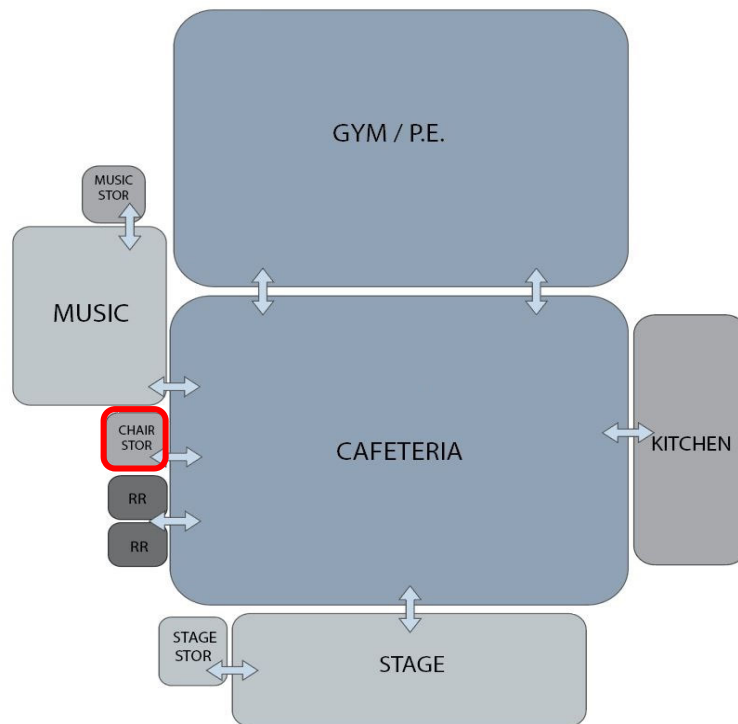
DESCRIPTION OF SPACE AND USES:

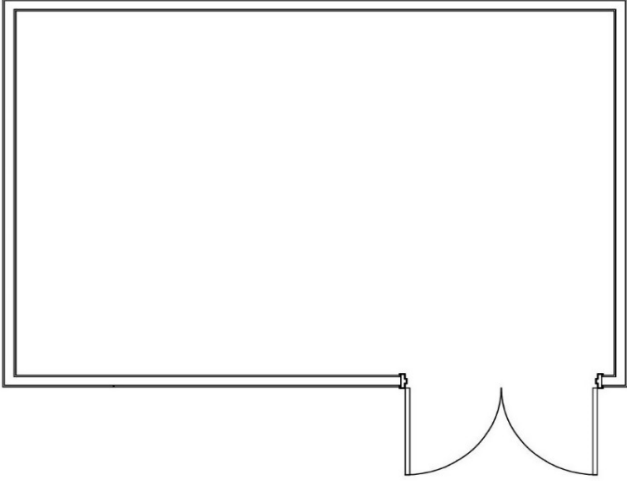
Storage of cafeteria tables and chairs.

SPATIAL RELATIONSHIP:

Locate directly accessible to cafeteria.

RELATIONSHIP DIAGRAM



Chair Storage					
Chair 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:					

Serving Area

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Serving Area	1		950	950	Colorful graphics/ menu to be on walls at serving lines.

PROGRAM DETAILS

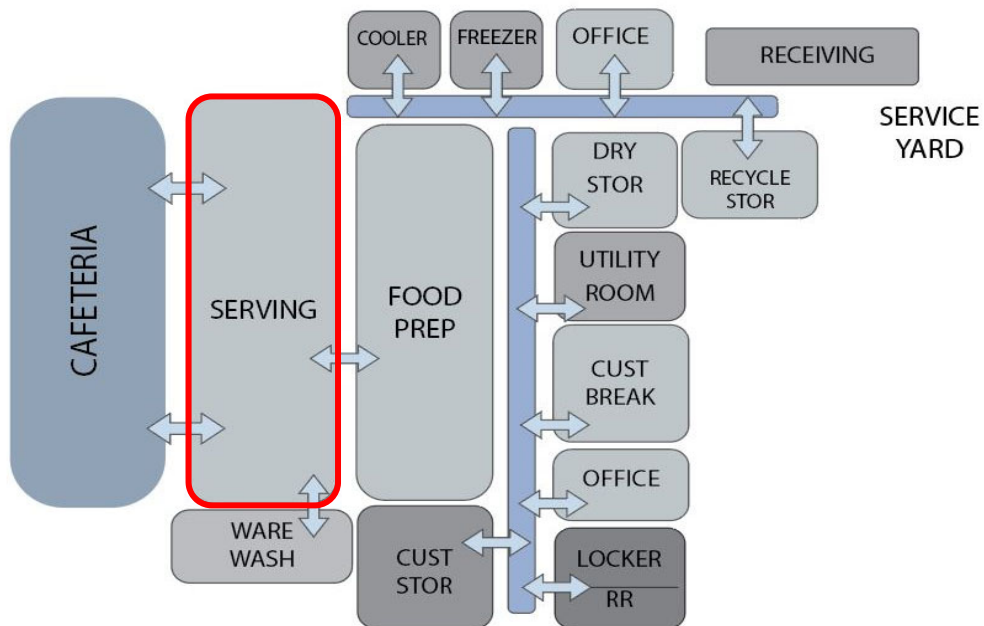
DESCRIPTION OF SPACE AND USES:

Dispensing of food, receipt of payment

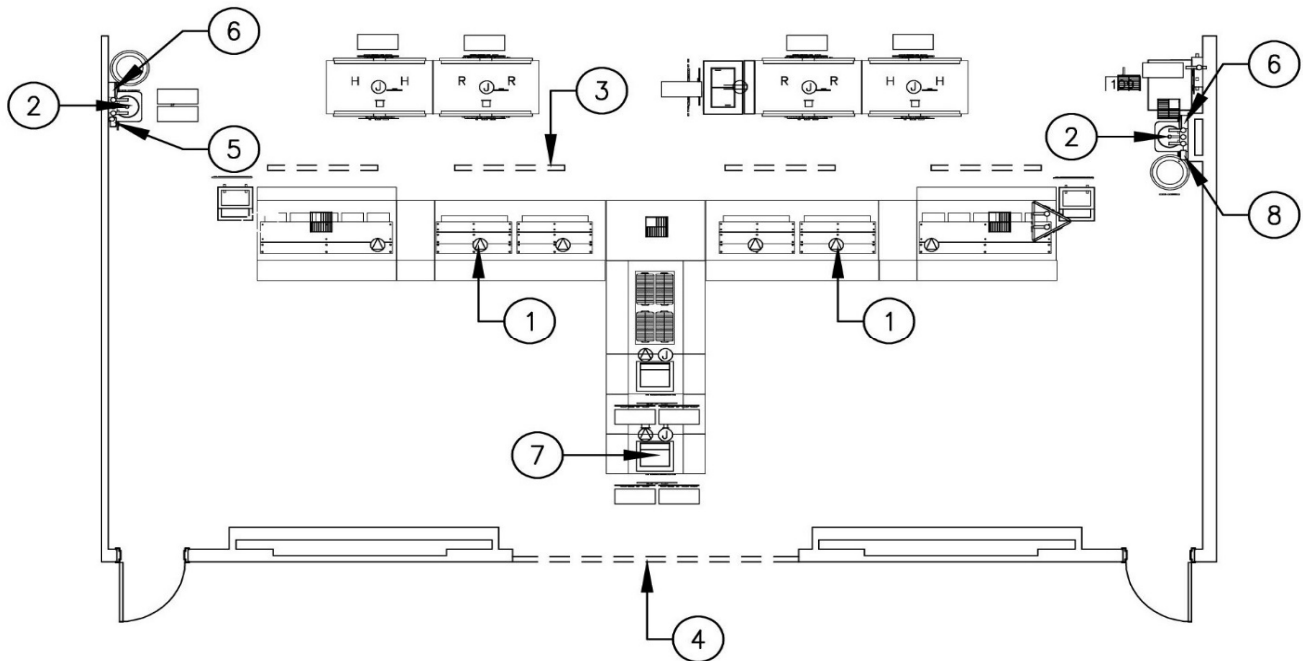
SPATIAL RELATIONSHIP:

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.	2	Tray rail to be 26" wide	
Sink	2	Hand washing	1		
Kitchen Menu System Device	3	Locate above food service equipment. Confirm locations with FBISD Child Nutrition Department.	4		
Overhead Grill	4		1		

					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.	1		
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	2		555	1,110	All foods are prepared by scratch, refer to FBISD standards for equipment.

PROGRAM DETAILS

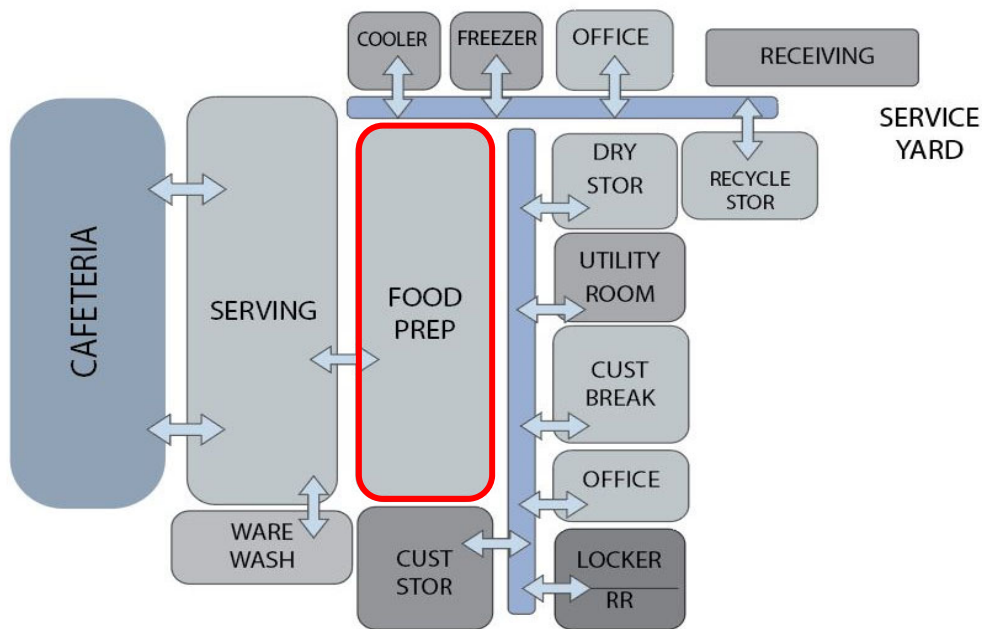
DESCRIPTION OF SPACE AND USES:

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

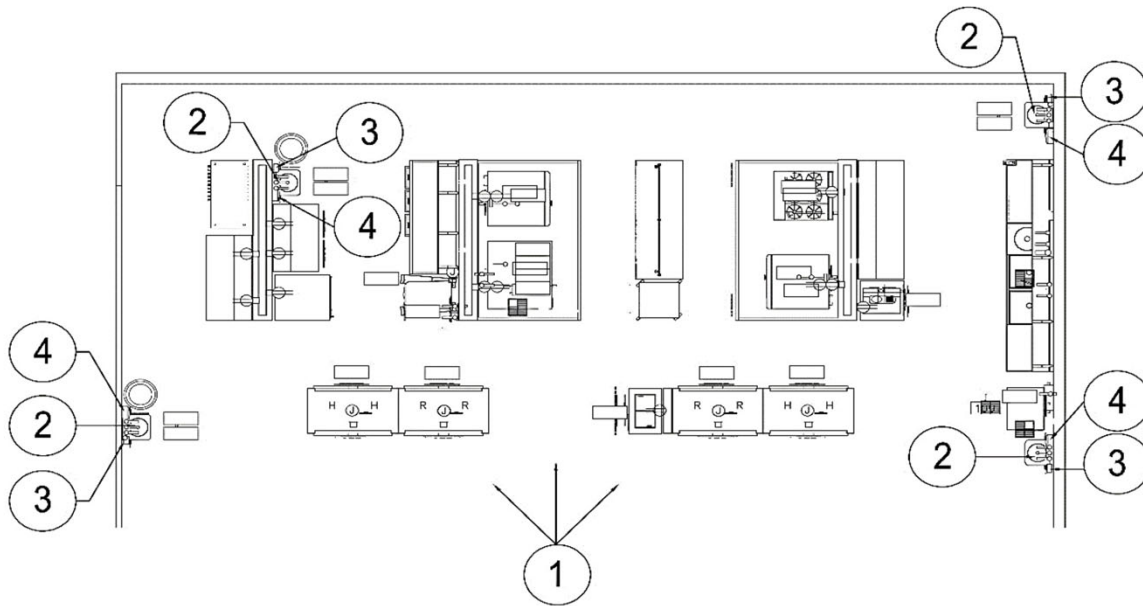
SPATIAL RELATIONSHIP:

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	4		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Soap Dispenser	3	Contractor installed	1		
Paper Towel Dispenser	4	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 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		205	205	

PROGRAM DETAILS

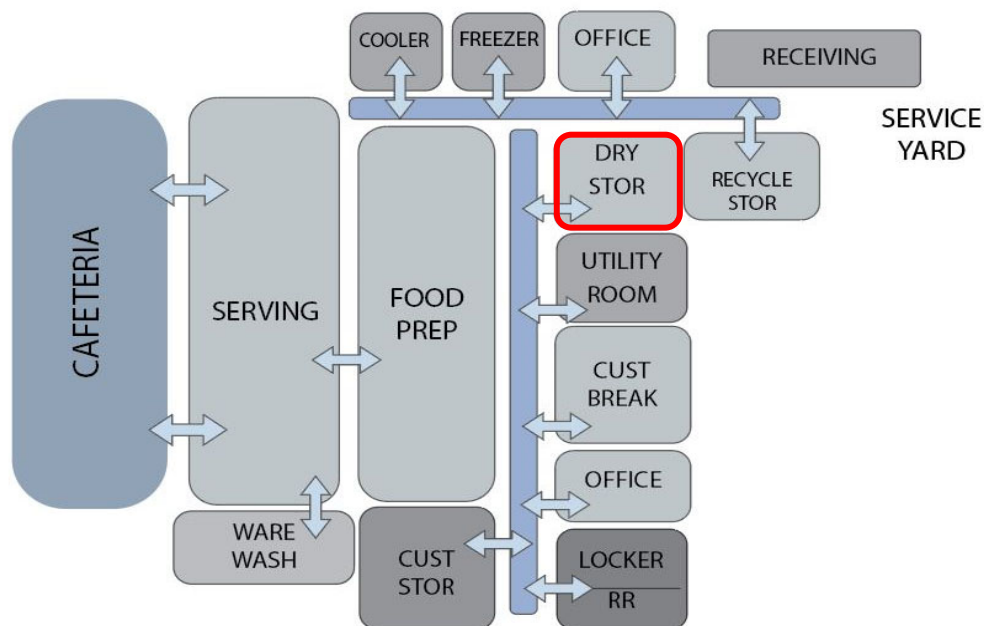
DESCRIPTION OF SPACE AND USES:

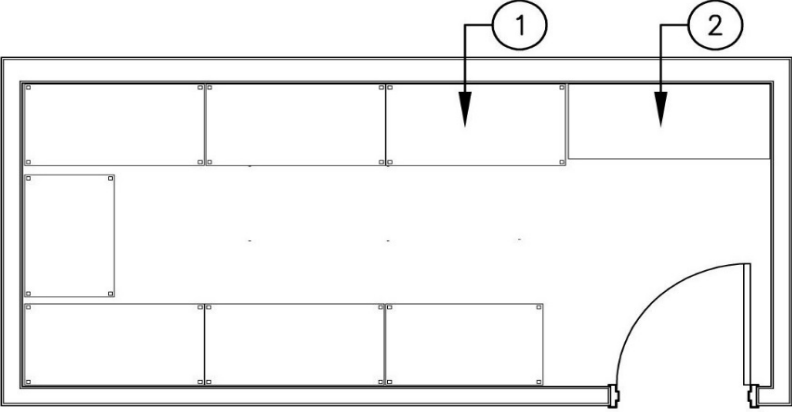
Storing of non-perishable goods and foods.

SPATIAL RELATIONSHIP:

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

RELATIONSHIP DIAGRAM



Dry Storage					
Dry Storage					LAYOUT
					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Countertop	1		1	5' Long	
Dunnage Racks	2	Line wall			
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		80	80	

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					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Desk	1	With return	1		
Office Tool Set	2		1		
Safe	3		1		
Task Chair	4		1		
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 (1 each)		125	250	Use pre-fab stainless steel, diamond cut self contained units.

PROGRAM DETAILS

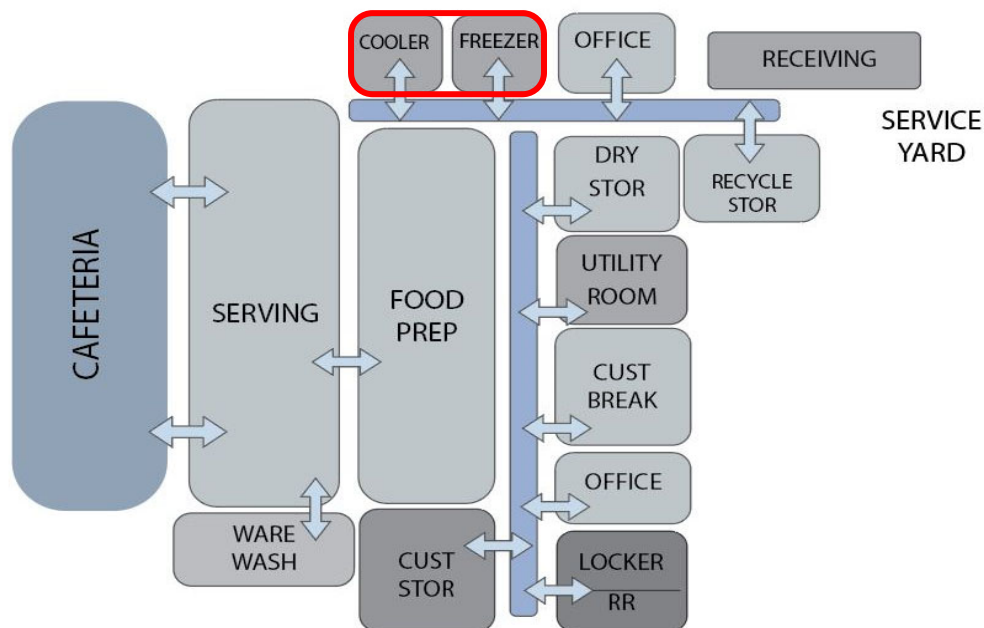
DESCRIPTION OF SPACE AND USES:

Keeping perishable goods and foods frozen or cold.

SPATIAL RELATIONSHIP:

To be located adjacent to Food Preparation area. Freezer and Cooler are to be tied to the emergency generator.

RELATIONSHIP DIAGRAM

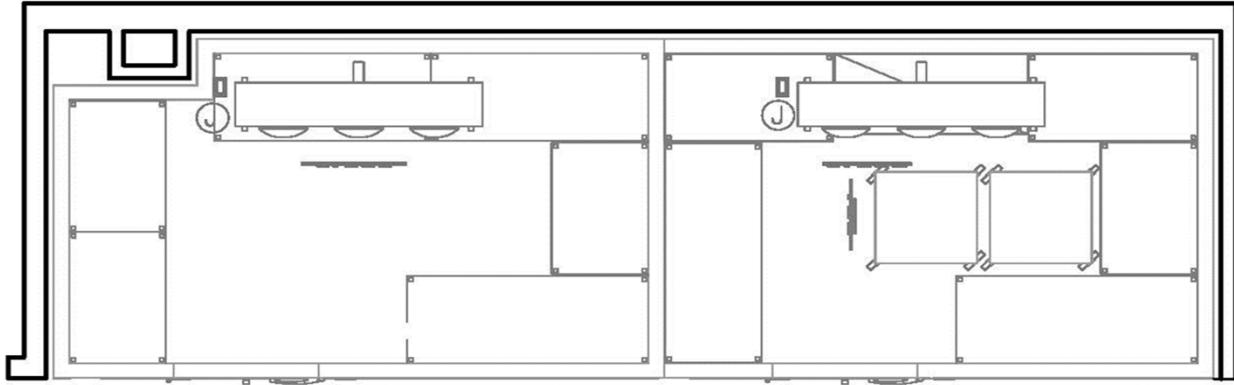


Walk-in Cooler and Walk-in Freezer

Walk-in Cooler and Walk-in Freezer

LAYOUT

Per manufacturer recommendations.



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Freezer and Cooler Units	1	By consultant	1 ea		
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.

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

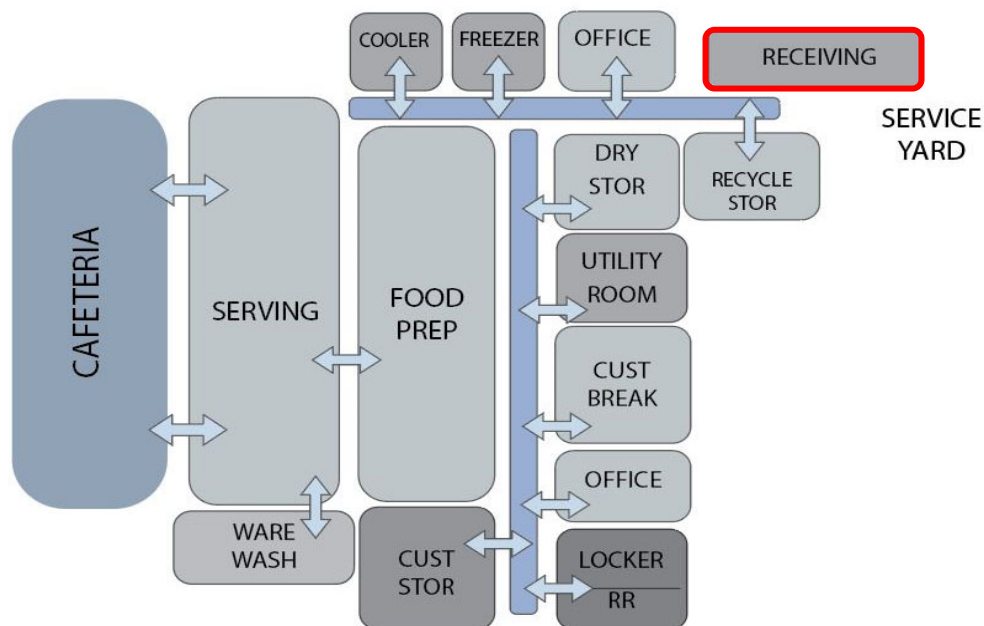
DESCRIPTION OF SPACE AND USES:

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
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 Clock	5		1		
Air Curtain	6	By consultant	1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Locker Room

PROGRAM SPACES

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

PROGRAM DETAILS

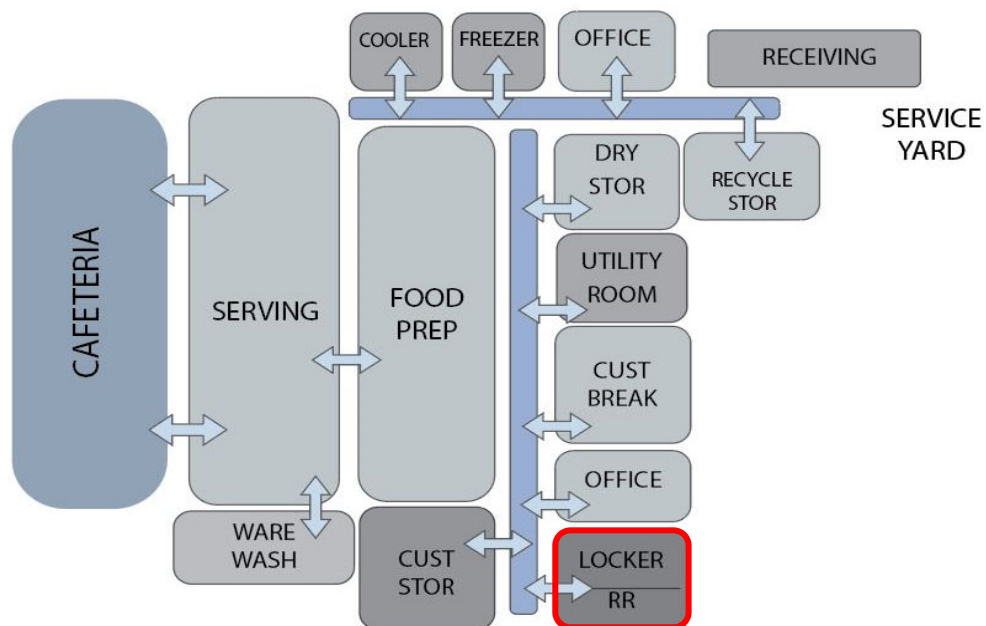
DESCRIPTION OF SPACE AND USES:

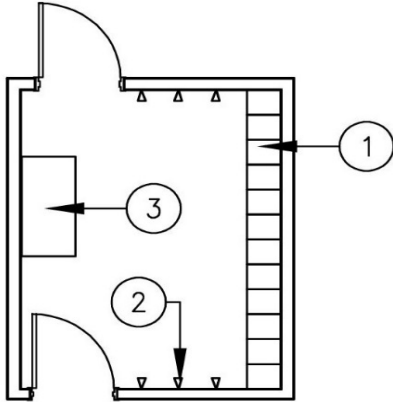
Temporary storage of kitchen and custodial staff personal belongings.

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	12	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	N/A	100	100	

PROGRAM DETAILS

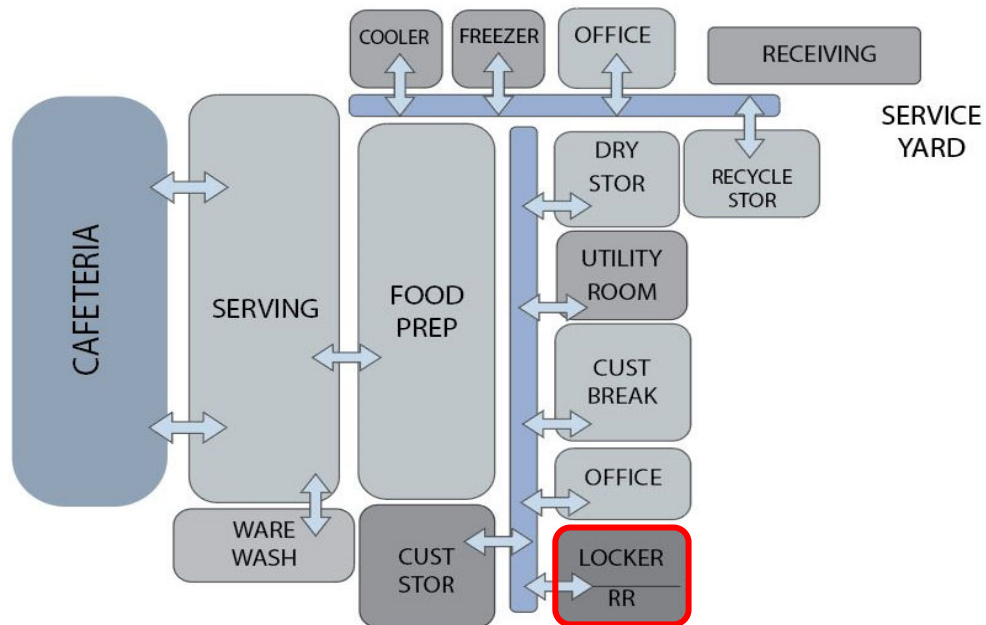
DESCRIPTION OF SPACE AND USES:

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**

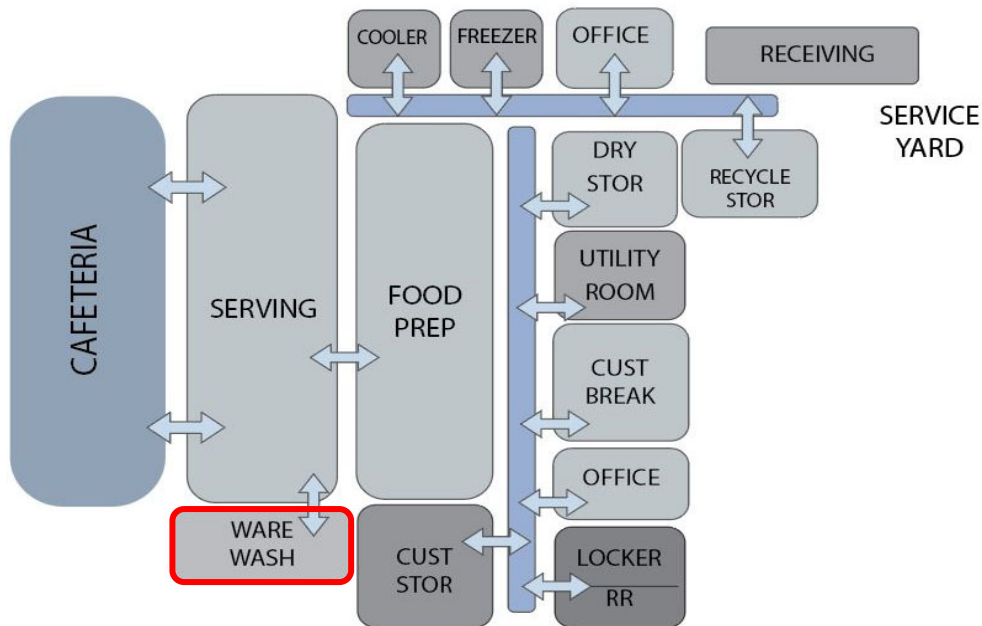
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Warewash	1		300	300	Alcove in cafeteria into warewash for tray return and four trashcans.

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

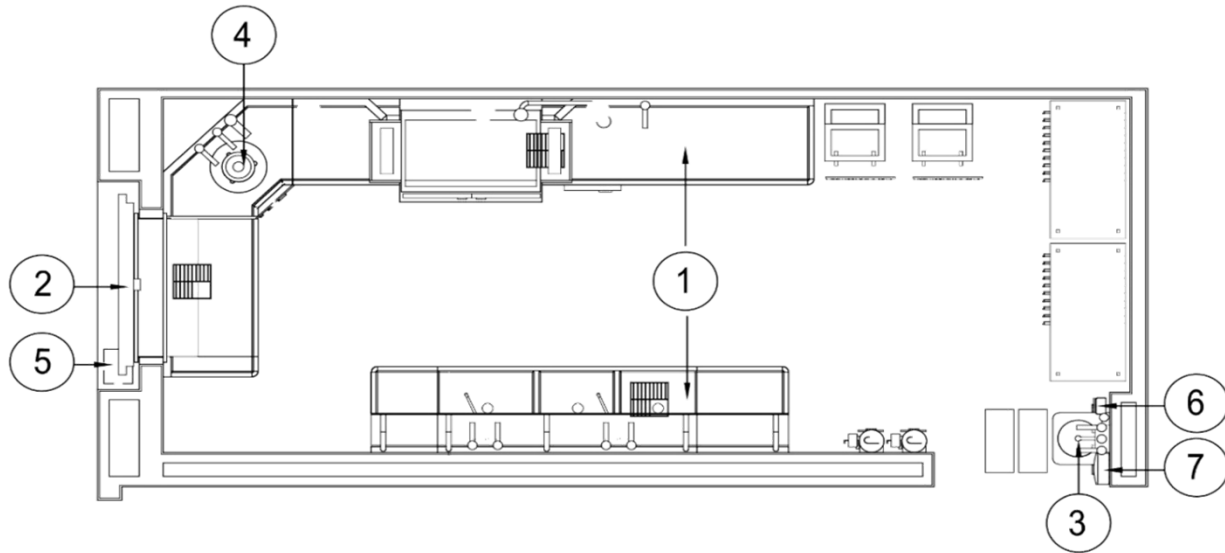
Washing of pots, pans and other food preparation utensils.

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		

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		

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		70	70	

PROGRAM DETAILS

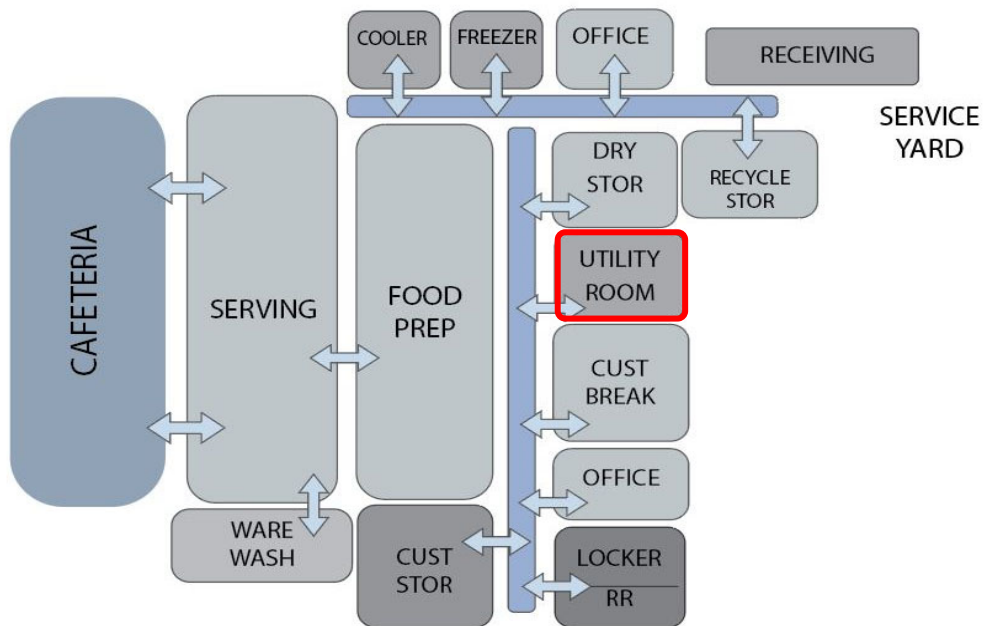
DESCRIPTION OF SPACE AND USES:

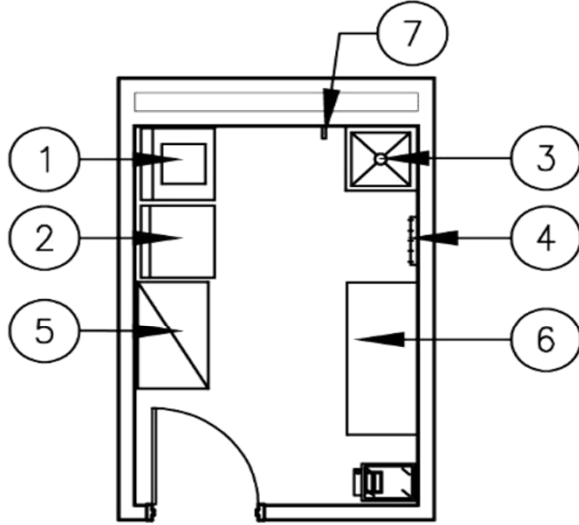
Washing/drying - this room for use by kitchen personnel only.

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	12" x 36" 72"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Table	6		1		
Chemical Dispenser	7		1		
Notes:					

PROGRAM SPACES

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

PROGRAM DETAILS

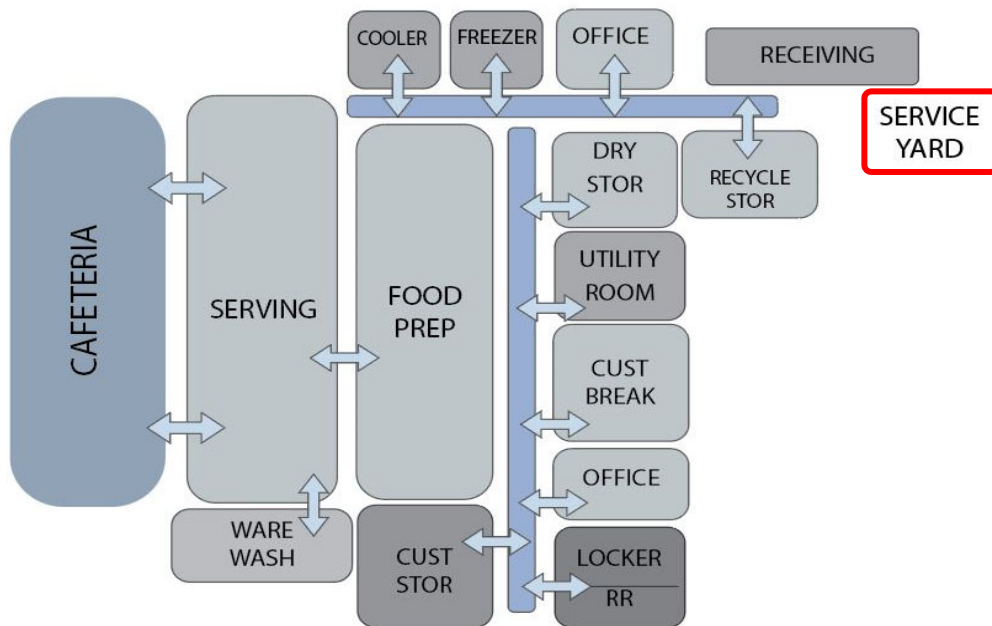
DESCRIPTION OF SPACE AND USES:

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	1		
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:					

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:

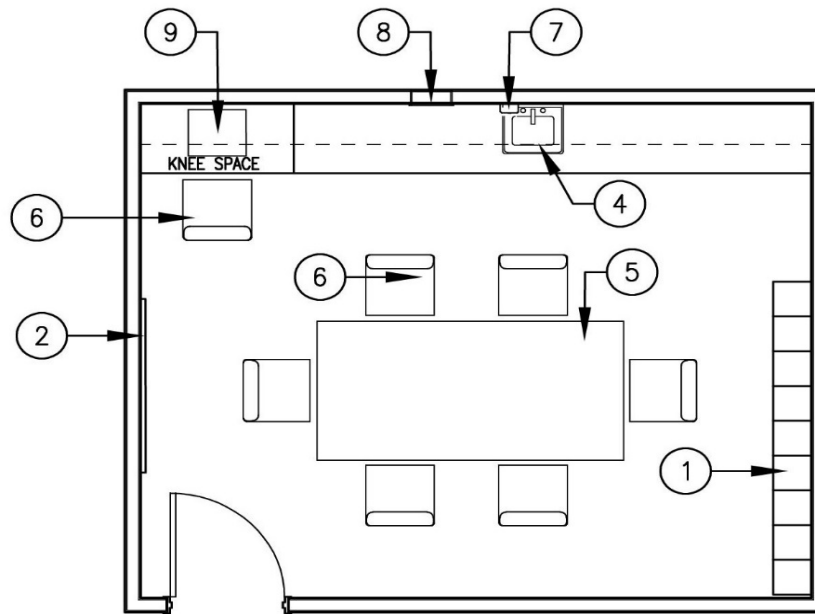
To be located adjacent to the Custodian Office.

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		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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	1	100	100	Custodial corridor needed to service yard.
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					
<pre> graph LR CAFETERIA[CAFETERIA] <--> SERVING[SERVING] SERVING <--> FOODPREP[FOOD PREP] FOODPREP <--> CUSTSTOR[CUST STOR] CUSTSTOR <--> CUSTOFF[OFFICE] CUSTOFF <--> CUSTBRK[CUST BREAK] CUSTBRK <--> UTILITY[UTILITY ROOM] UTILITY <--> DRYSTOR[DRY STOR] DRYSTOR <--> RECYCLSTOR[RECYCLE STOR] RECYCLSTOR <--> RECEIVING[RECEIVING] RECEIVING <--> SERVICEYARD[SERVICE YARD] OFFICE[OFFICE] <--> COOLER[COOLER] OFFICE <--> FREEZER[FREEZER] OFFICE <--> LOCKER[LOCKER RR] </pre>					

Custodial Office					
Custodial Office					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Teacher Wardrobe	1			3'W x 7'H x 2'D	
Bookshelf	2		1	3'W x 4'H x 2'D	
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		
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	18"Dx36"Wx72"H	
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**

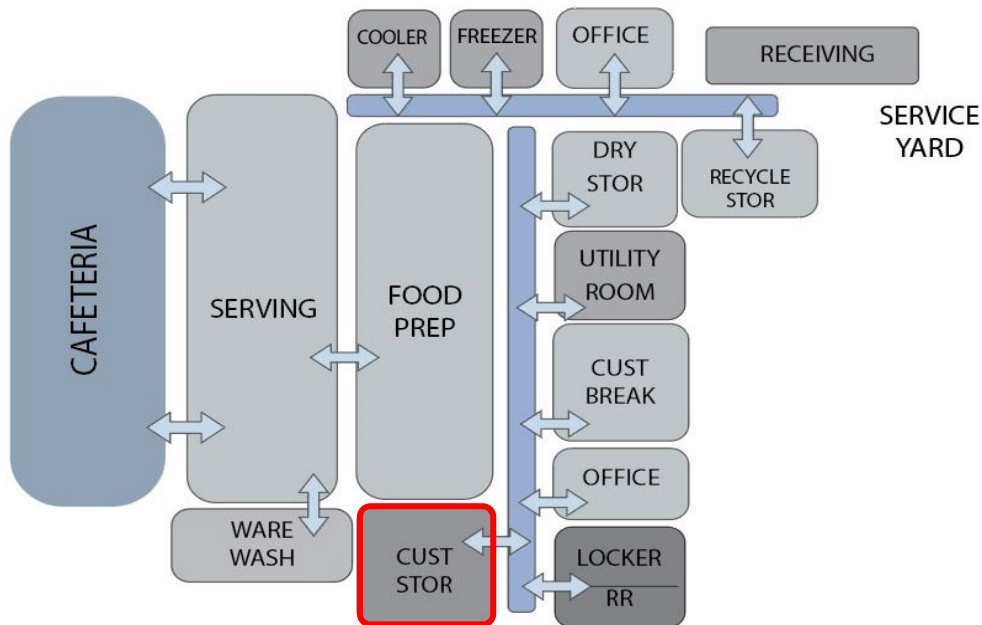
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Custodial Storage	1		300	300	

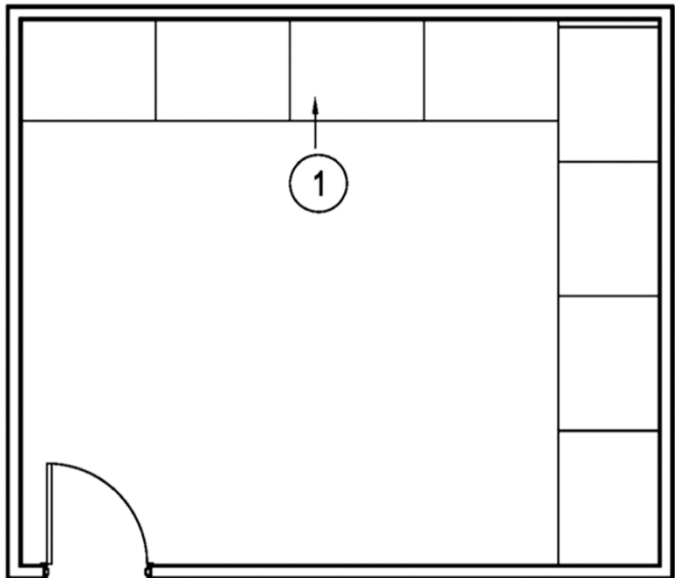
PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

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	Adjustable shelves	8	20'L x 6'H x 3'D	
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

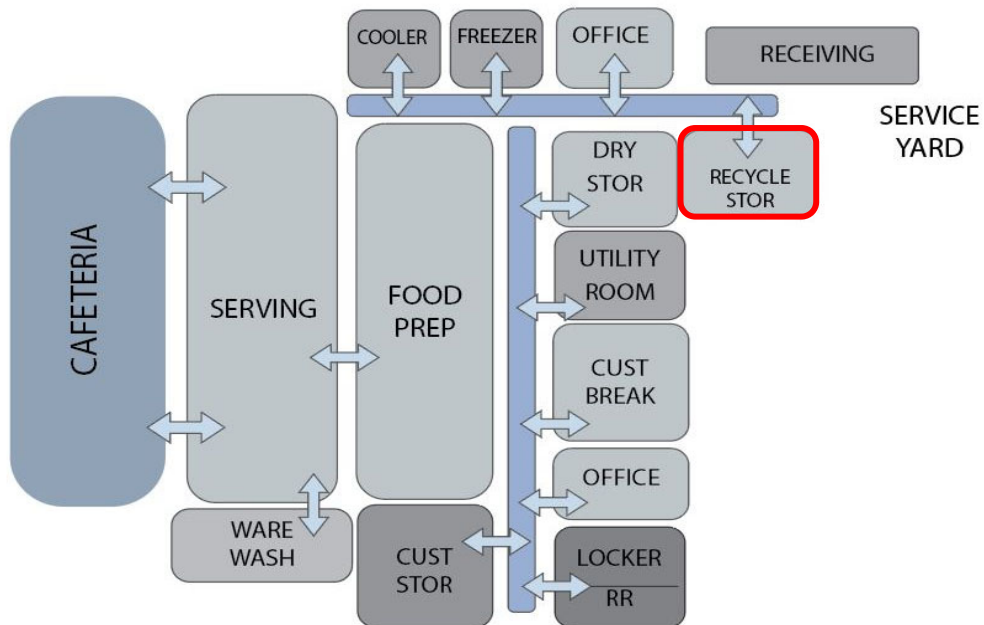
DESCRIPTION OF SPACE AND USES:

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:					



LIBRARY



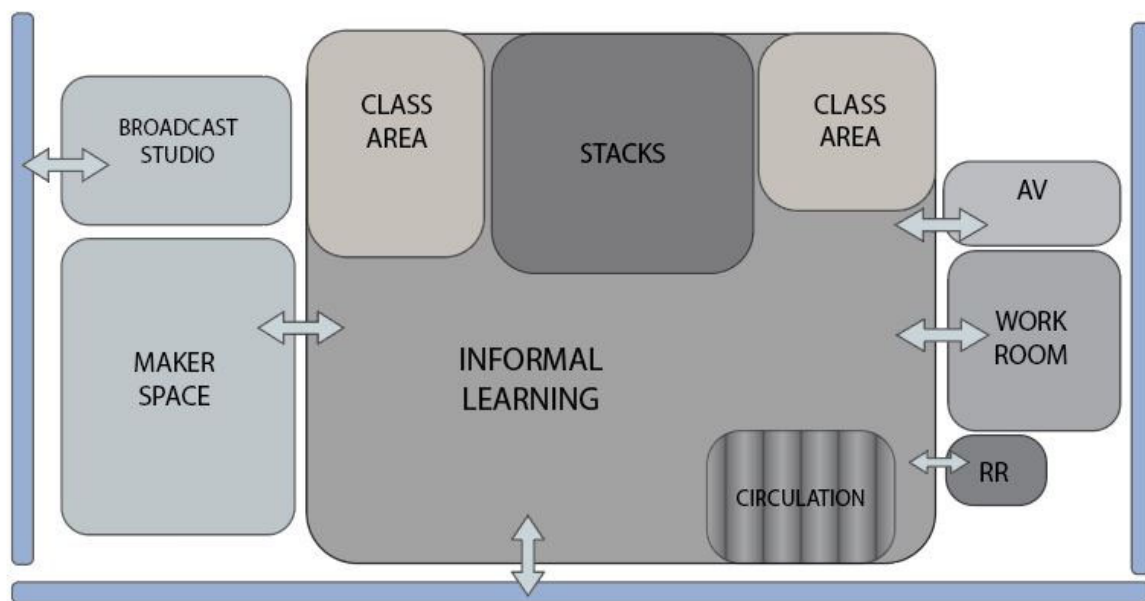
1. PROGRAM DESCRIPTION

The library area within elementary 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.

The library should be flexible to allow for multiple activities to take place at once. Included in and adjacent to the library are various spaces such as Makerspace, A/V storage, and a Broadcast Studio.



2. SPATIAL RELATIONSHIPS & ADJACENCIES



3. PROGRAM OF SPACE

Space/Function	Qty	SF	TOTAL SF	Notes
LIBRARY				
Library/Learning Center	1	4,000	4,000	
Broadcast Studio	1	200	200	
Makerspace	1	500	500	
Library Workroom / Office	1	200	200	
Audio Visual Storage	1	100	100	
Library Restroom	1	60	60	
LIBRARY SUBTOTAL:			5,060	SF

4. FINISHES

	Walls				Floor		Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Tile	2x2 Acoustical Lay-In	Exposed	
LIBRARY									
Library/Learning Center	X				X		X		
Broadcast Studio	X				X		X		One Green Wall
Makerspace	X				X		X		
Library Workroom / Office			X		X		X		
Audio Visual Storage			X		X		X		
Library Restroom		X				X	X		
Corridors	X				X		X		

5. OTHER

Other significant information regarding the library follows:

- 50% of shelving to be located along the perimeter walls of the room.
- Provide natural light in the space, with appropriate room darkening options to accommodate presentations.

3. PROGRAM OF SPACE

Space/Function	Qty	SF	TOTAL SF	Notes
LIBRARY				
Library/Learning Center	1	4,000	4,000	
Broadcast Studio	1	200	200	
Makerspace	1	500	500	
Library Workroom / Office	1	200	200	
Audio Visual Storage	1	100	100	
Library Restroom	1	60	60	
LIBRARY SUBTOTAL:			5,060	SF

4. FINISHES

	Walls				Floor		Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Tile	2x2 Acoustical Lay-In	Exposed	
LIBRARY									
Library/Learning Center	X				X		X		
Broadcast Studio	X				X		X		One Green Wall
Makerspace	X				X		X		
Library Workroom / Office			X		X		X		
Audio Visual Storage			X		X		X		
Library Restroom		X				X	X		
Corridors	X				X		X		

5. OTHER

Other significant information regarding the library follows:

- 50% of shelving to be located along the perimeter walls of the room.
- Provide natural light in the space, with appropriate room darkening options to accommodate presentations.

Library/Learning Center

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Library/Learning Center	1		4,000	4,000	Library is preferred to be one-story. Size is based on capacity.

PROGRAM DETAILS

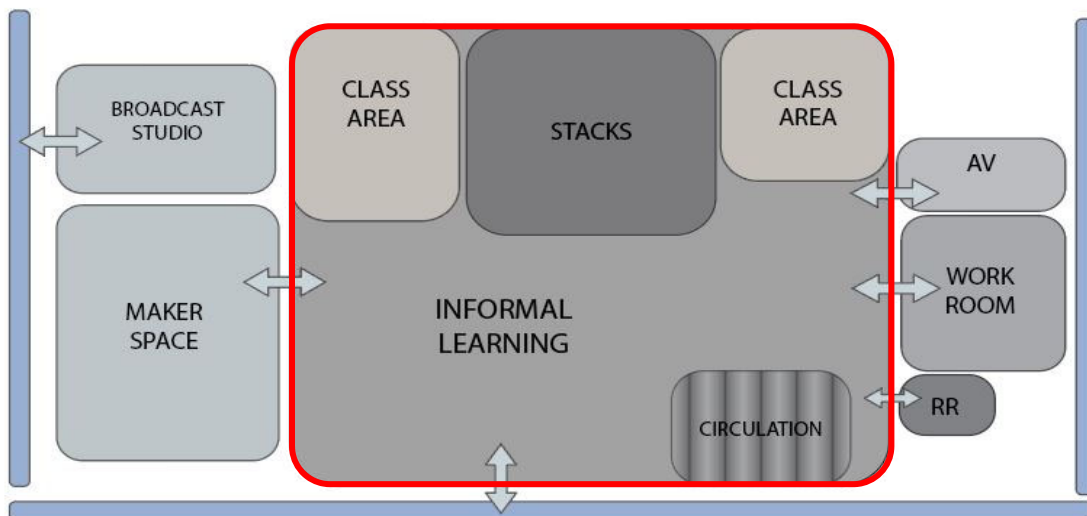
DESCRIPTION OF SPACE AND USES:

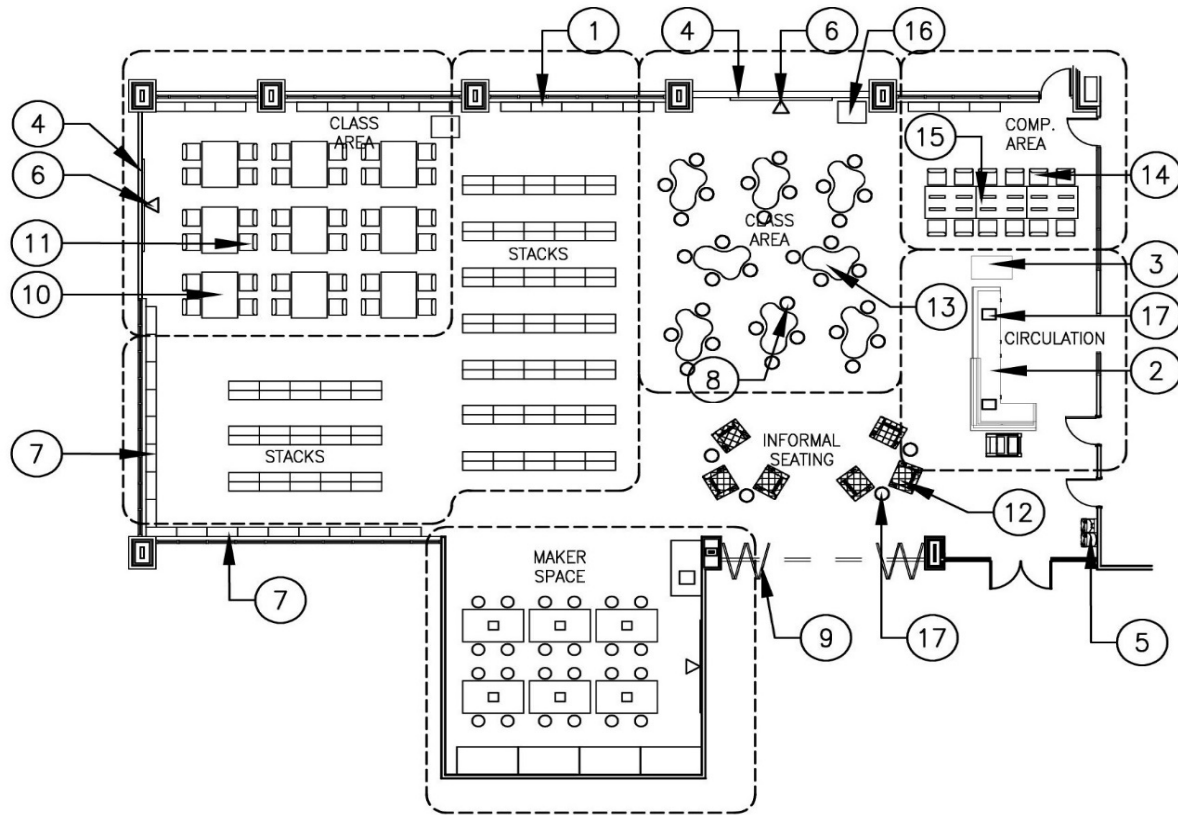
Previewing and checking out books, reading in story area or at tables; space also used for classroom instruction and independent study, use of technology for research, remediation and enrichment. After hours use for community, staff and tutorials.

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





EQUIPMENT/FURNITURE

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

Library shelving with Plastic Laminate tops	1	Adjustable shelves; casters; with bookends.		1,200 LF min.	
Circulation desk with book drop	2	Handicap accessible; Book drop at front of desk.	1		
Book Truck	3		1		
Markerboard	4		2	5' x 10'	
Water Fountain	5	With bottle filling capabilities	2		
Instructional Display Technology	6		2		
Short Shelving	7			42" tall	

Library/Learning Center					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Library Tool Set	17	Circulation desk	2		
Stools	8		28		
Folding Glass Wall	9	Open to Hallway	1		
Student Tables	10		9		
Chair	11	Non-rolling	36		
Soft Seating	12		6		
Amoeba Tables	13	Seats 4	8		
Rolling Chair	14		12		
Computer Table	15		3		
Student Devices Cart	16	Provide anchor to wall	1		
Wobbly Stools	17		4		
Notes:					
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. Provide outdoor access for community use.					

Broadcast Studio

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Broadcast Studio	1		200	200	Provide two green walls.

PROGRAM DETAILS

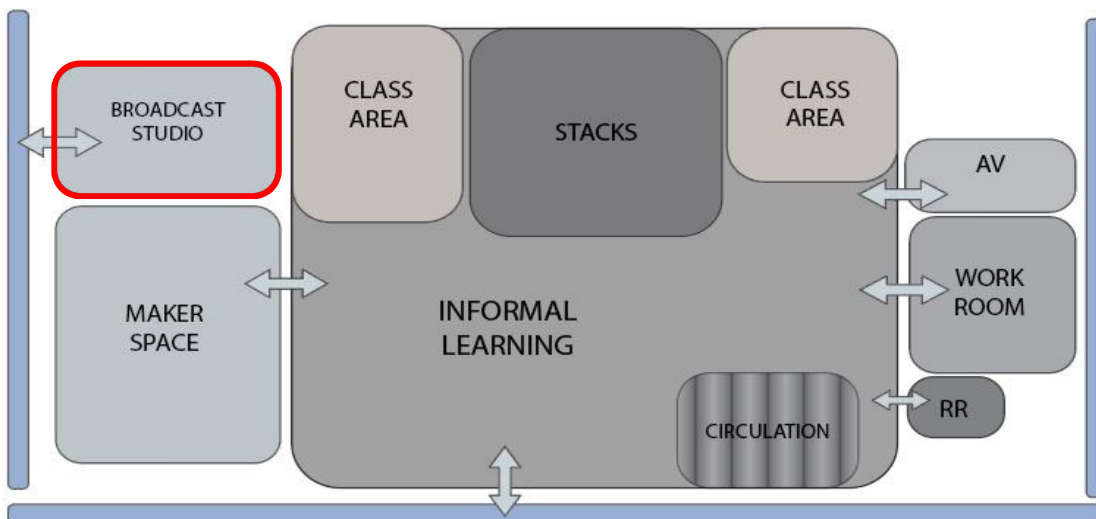
DESCRIPTION OF SPACE AND USES:

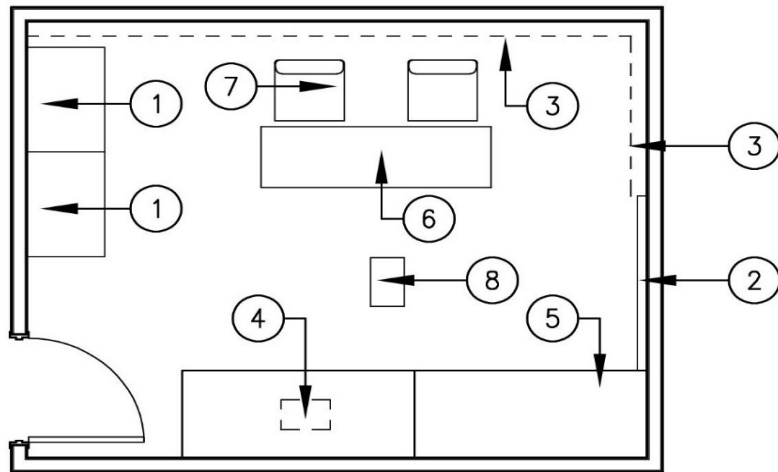
Announcements, broadcast studio instruction, and school wide distributed videos. Green wall capabilities.

SPATIAL RELATIONSHIP:

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

RELATIONSHIP DIAGRAM



Broadcast Studio		Broadcast Studio			
		LAYOUT			
<div></div>					
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 10'	
Green Wall	3	Two walls	1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Broadcast Tool Set	4		1		
Table	5		2	30"W x 6'L x 30"H	
Broadcast Table	6		1		
Task Chair	7		2		
Camera	8		1		
Notes:					

Makerspace**PROGRAM SPACES**

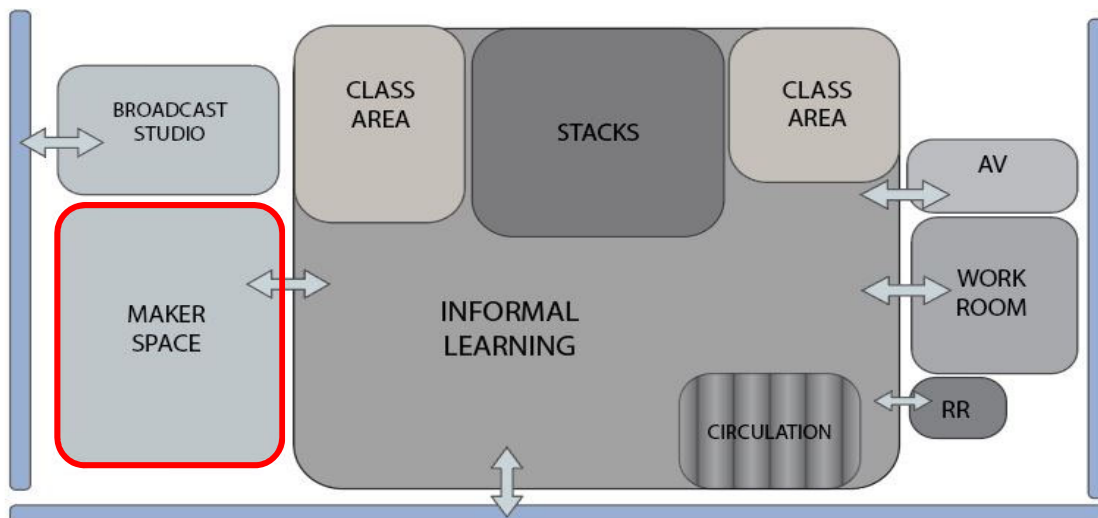
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Makerspace	1		500	500	Furniture should be on casters to be easily moveable. Lights should be dimmable.

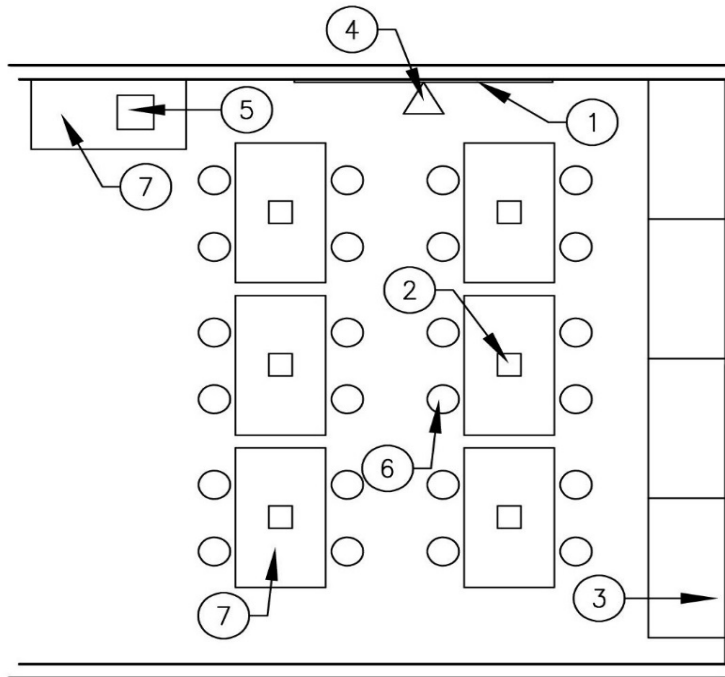
PROGRAM DETAILS**DESCRIPTION OF SPACE AND USES:**

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

SPATIAL RELATIONSHIP:

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

RELATIONSHIP DIAGRAM

**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	6		

Notes:

1. Tackable wall surface to display student work.

Library Workroom / Office

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Library Workroom / Office	1		400	400	

PROGRAM DETAILS

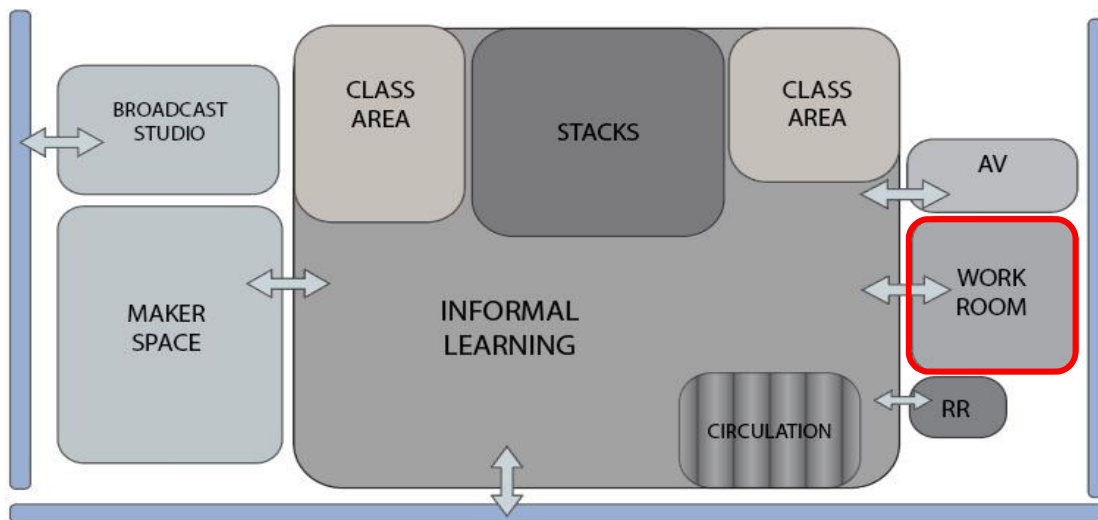
DESCRIPTION OF SPACE AND USES:

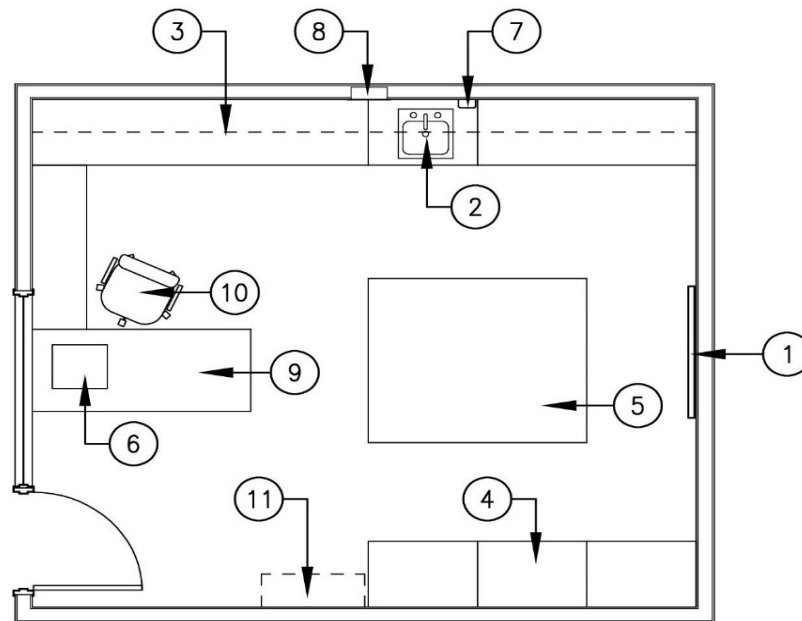
Administrative tasks.

SPATIAL RELATIONSHIP:

Library Workroom/Office 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





EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 10'	
Sink	2				
Upper and Lower Cabinets	3	Line one wall			
Tall Shelving	4	For books in need of repair	3	36" x 24" x 84"	
Built-in Millwork Table	5		1	72" x 60"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Misc. Tool Set	6		1		
Soap Dispenser	7	Contractor installed	1		
Paper Towel Dispenser	8	Contractor installed	1		
Desk	9	With Return	1		
Task Chair	10		1		
Laminator	11	Future	1		

Notes:

1. Provide window to library for supervision.

PROGRAM SPACES

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

PROGRAM DETAILS

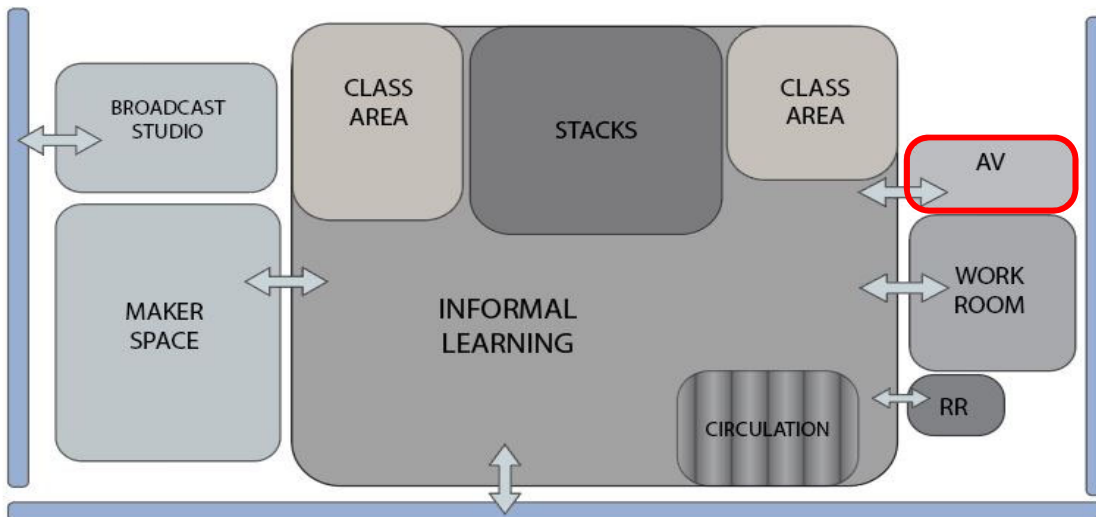
DESCRIPTION OF SPACE AND USES:

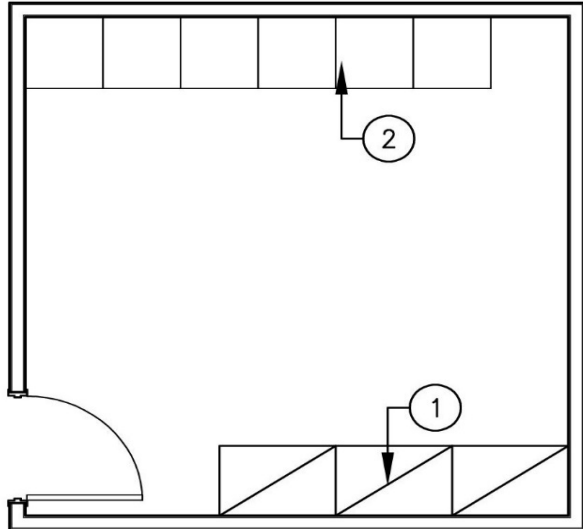
Storage of audio/visual equipment on rolling carts and charging carts for the campus.

SPATIAL RELATIONSHIP:

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

RELATIONSHIP DIAGRAM



A/V Storage					
A/V Storage					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Tall Shelving Unit	1	Adjustable Shelves, with locks	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.					

Library Restroom

PROGRAM SPACES

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

PROGRAM DETAILS

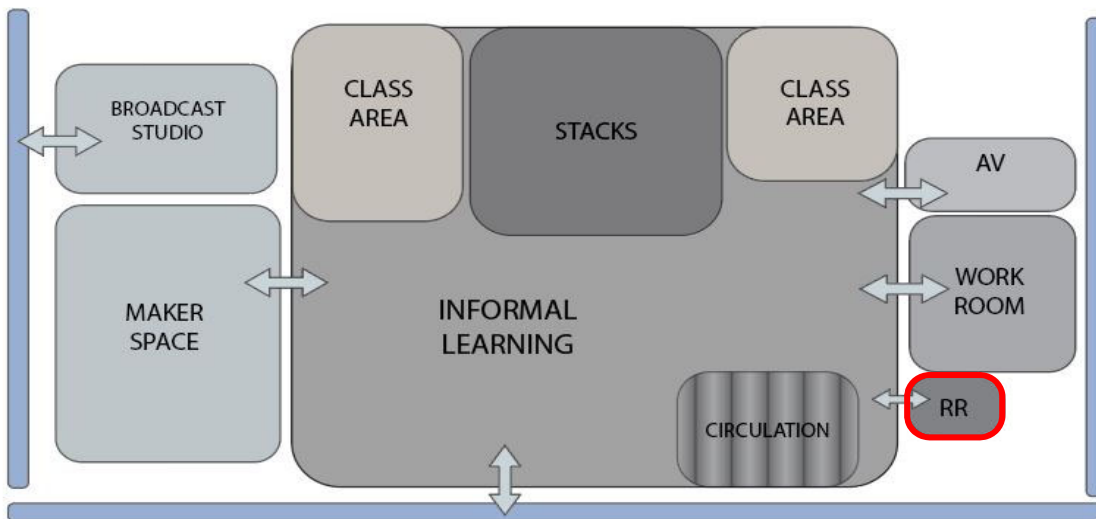
DESCRIPTION OF SPACE AND USES:

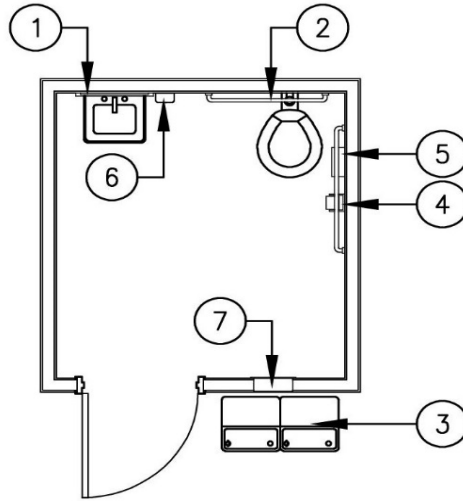
Single user restrooms for students, staff and/or visitors.

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		
Library Restroom			LAYOUT		
<div></div>					
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:					



PHYSICAL EDUCATION



ATHLETICS / PHYSICAL EDUCATION

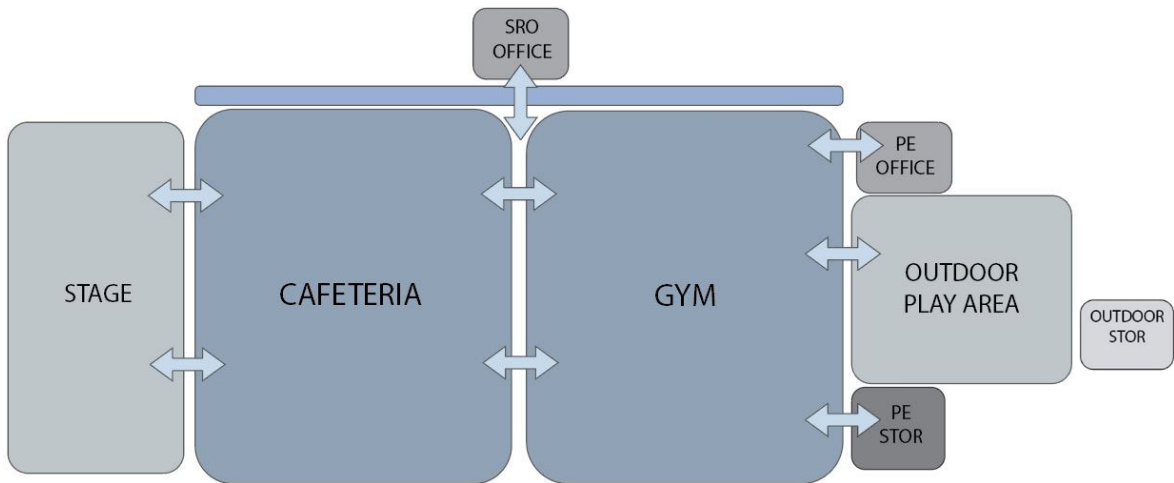


1. PROGRAM DESCRIPTION

The gymnasium and athletics space of the school provide an indoor facility for physical education and indoor instructional programs. The gymnasium is also used for large group instruction, and is used by students and community after school hours. Students in the Extended Day Program also have access to this space after hours.

The space should be divided from the cafeteria with a folding partition wall to accommodate a much larger space when opened to each other.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



3. PROGRAM OF SPACE

Space/Function	Qty	SF	TOTAL SF	Notes
ATHLETICS / PHYSICAL EDUCATION				
Gymnasium / PE	1	4,644	4,644	
PE Office	1	150	150	
PE Storage	1	150	150	
PE Outdoor Storage	1	75	75	
ATHLETICS / PHYSICAL EDUCATION SUBTOTAL:			5,019	

ATHLETICS / PHYSICAL EDUCATION

4. FINISHES

	Walls				Floor			Ceiling		REMARKS
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Sealed Concrete	Tile	2x2 Acoustical Lay-In	Exposed	
ATHLETICS / PHYSICAL EDUCATION										
Gymnasium / PE				X	X				X	Synthetic Flooring
PE Office				X	X			X		
PE Storage				X	X			X		
PE Outdoor Storage				X	X				X	
Corridors	X				X			X		

Gymnasium / P.E.

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Gymnasium / P.E.	1		4,644	4,644	

PROGRAM DETAILS

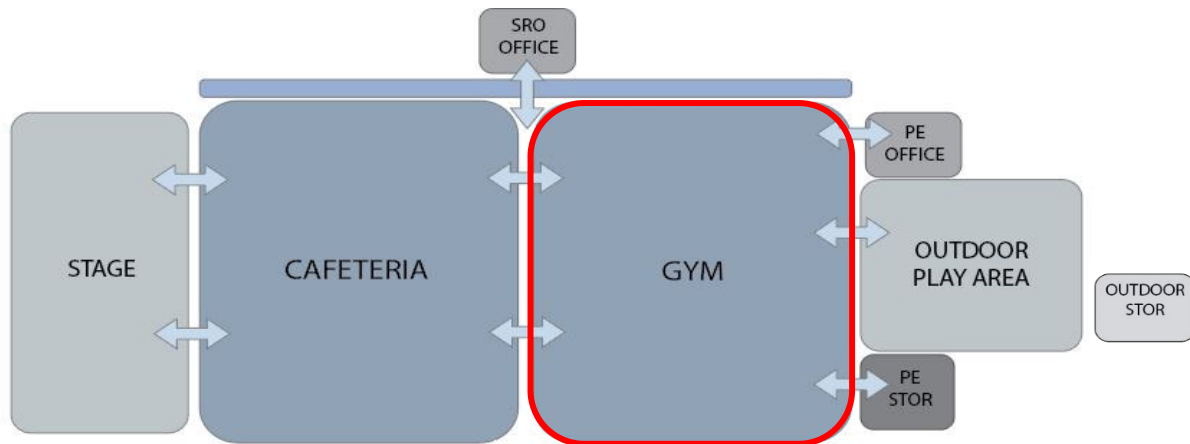
DESCRIPTION OF SPACE AND USES:

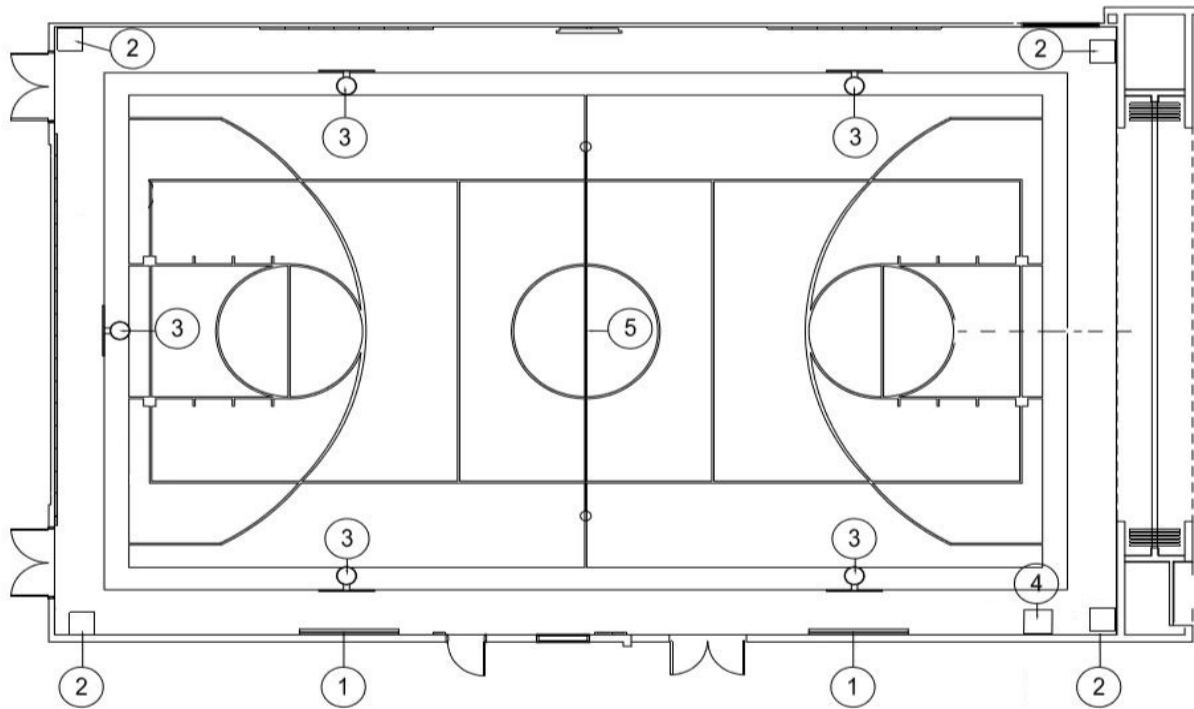
Physical Education activities including but not limited to running, general exercising, basketball, volleyball, as well as lectures, demonstrations and student assemblies or presentations.

SPATIAL RELATIONSHIP:

Gym to be located near other special programs such as music, art, etc. Should be adjacent to dining space with Stage between. Restrooms and water fountains should be located nearby. Locate adjacent to outdoor play area slab and green areas.

RELATIONSHIP DIAGRAM



**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1	5' x 10'	
Wall Mounted Speakers	2	Multiple throughout			
Basketball Goals	3		6		
Instructional Display Technology	4	With mobile cart	1		
NOT IN CONTRACT / OWNER PROVIDED					
Volleyball Inserts, Standards & Nets	5		1		

Notes:

1. Recommend locating next to Extended Learning space and providing a door between the two for after hours use.
2. Protect other equipment such as clock, strobe and chime within gymnasium with cage or plastic covers.

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
PE Office	1	N/A	150	150	View to gym is preferred. Do not locate behind goals.

PROGRAM DETAILS

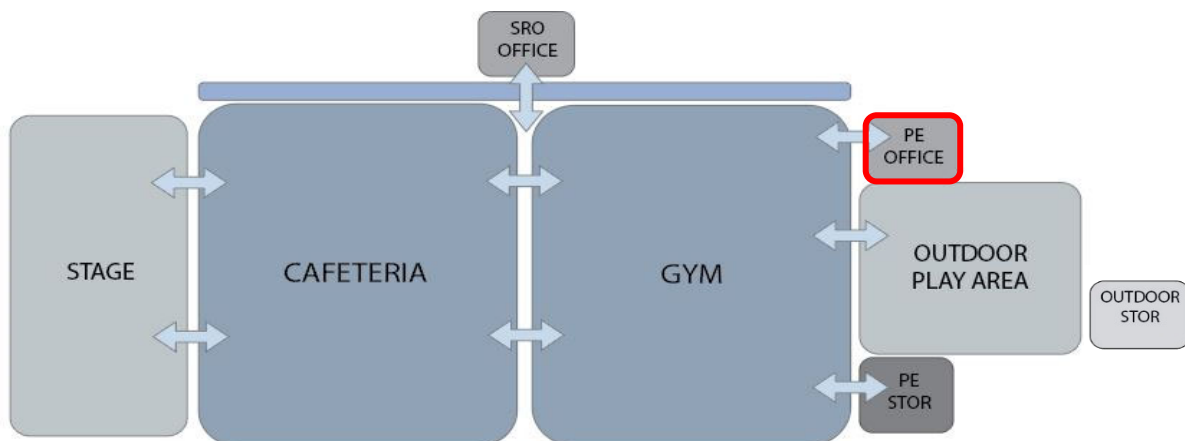
DESCRIPTION OF SPACE AND USES:

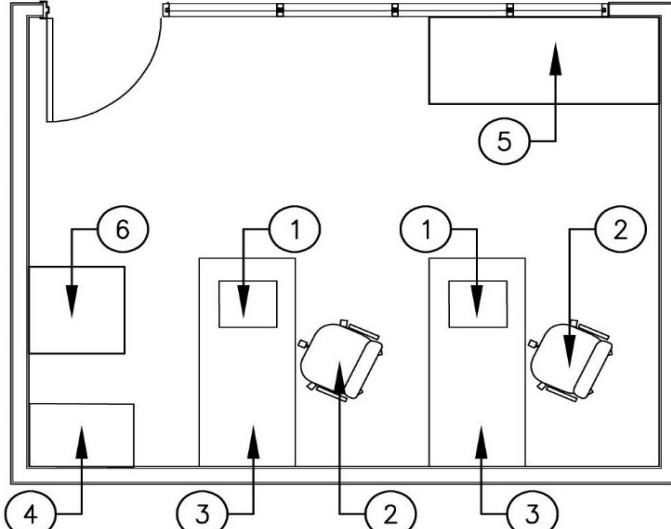
Teacher planning and indirect supervision.

SPATIAL RELATIONSHIP:

To be located adjacent to gym with direct access to gym. Provide glass window for surveillance of gym (not under goals).

RELATIONSHIP DIAGRAM



PE Office					
PE Office					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					
Teacher Office Tool Set	1		2		
Task Chair	2		2		
Desk	3		2		
Sound System Cabinet	4		1		
Table	5		1	2' x 6'	
Cart for Projection Device	6		1		
Notes:					

PE Storage

PROGRAM SPACES

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

PROGRAM DETAILS

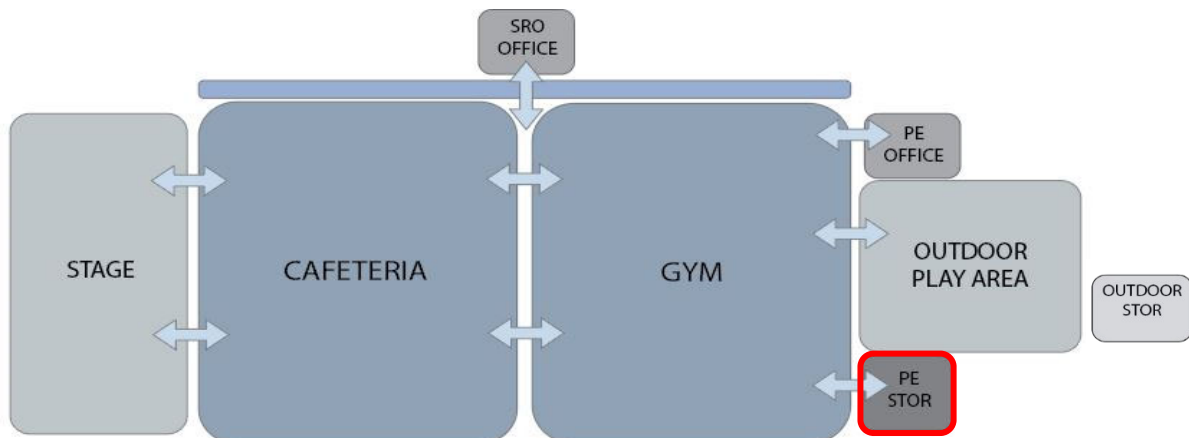
DESCRIPTION OF SPACE AND USES:

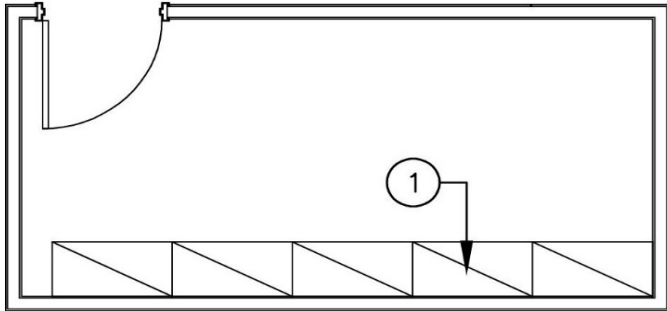
Storage of equipment for interior use.

SPATIAL RELATIONSHIP:

Locate adjacent to gymnasium.

RELATIONSHIP DIAGRAM



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

PE Outdoor Equipment Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
PE Outdoor Equipment Storage	1		75	75	

PROGRAM DETAILS

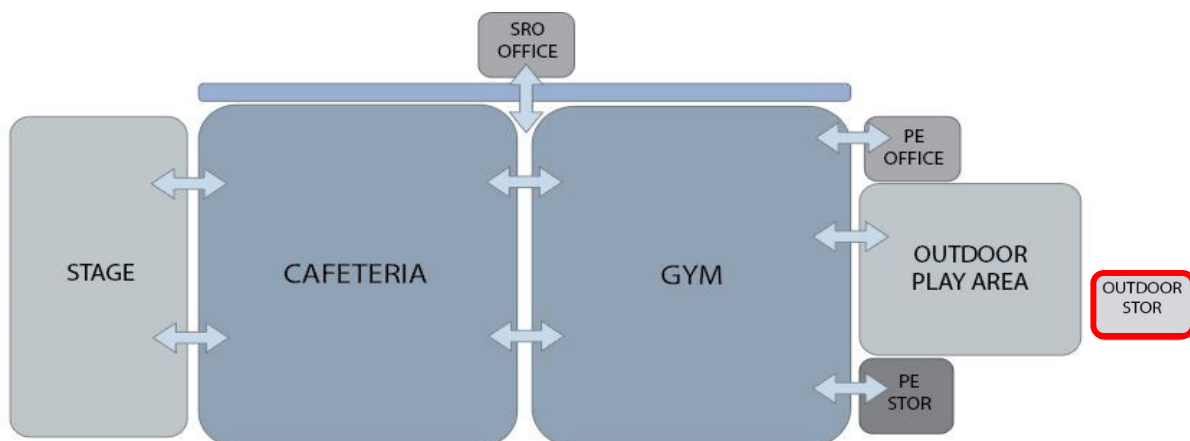
DESCRIPTION OF SPACE AND USES:

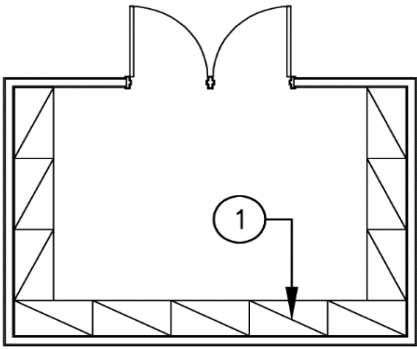
Storage of equipment for exterior use

SPATIAL RELATIONSHIP:

Locate near playground equipment

RELATIONSHIP DIAGRAM



PE Outdoor Equipment Storage					
PE Outdoor Equipment 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:					



SPECIALIZED CLASSROOMS



1. PROGRAM DESCRIPTION

Spaces included as specialized rooms are those outside of general academics such as Art and Music. In addition, the after-school “Extended Learning Program” (ELP) is included in this section. The ELP is not offered at all campuses, however, if included, the necessary information is provided in this document.

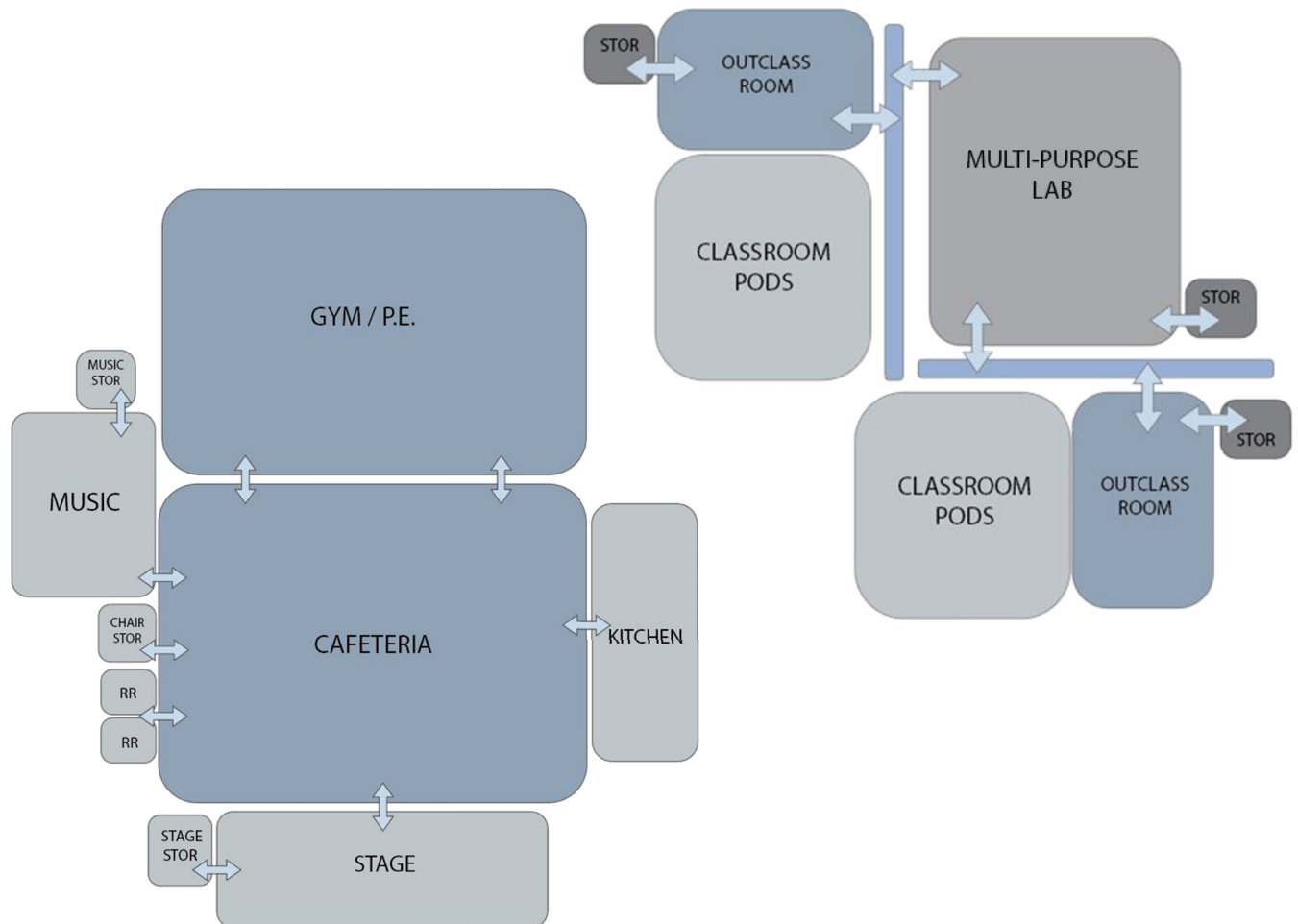
One Large Group Instruction (LGI) should be provided in close proximity to the classroom spaces. This room should be flexible in seating to accommodate different sizes of groups for lecture/instruction.



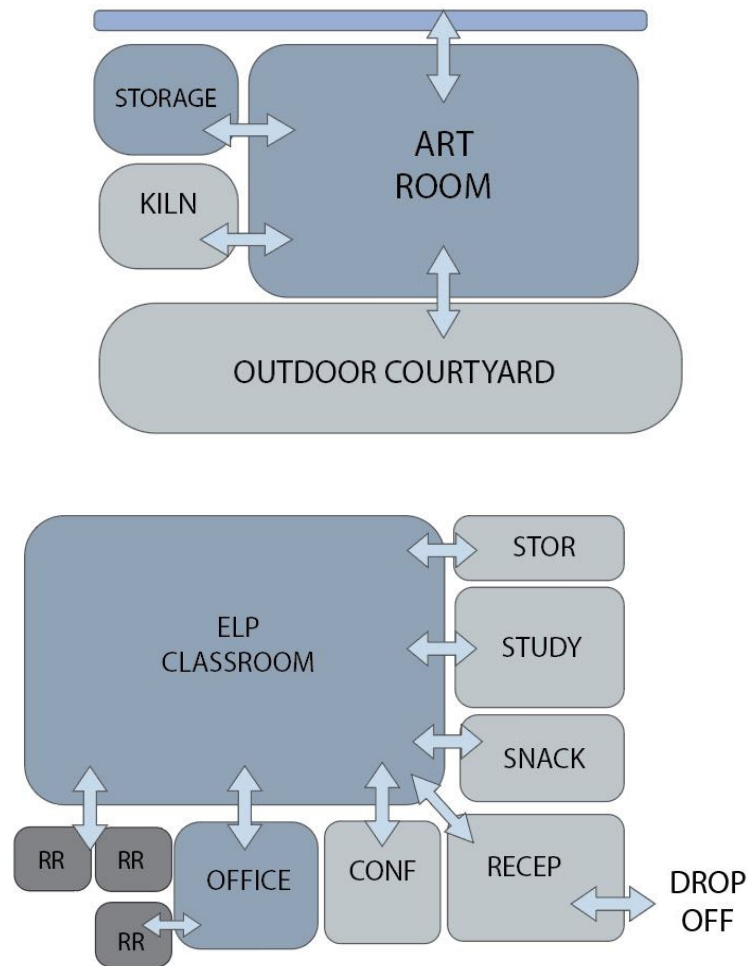
The ELP spaces will require access to pick-up and drop-off and include a reception space.

Special consideration should be paid to each different type of space according the descriptions included in the educational specifications.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



SPECIALIZED ROOMS



3. PROGRAM OF SPACE

Space/Function	Qty	SF	TOTAL SF	Notes
SPECIALIZED ROOMS				
Special Classrooms				
Art Room	1	1,000	1,000	
Art Storage Closet	1	150	150	
Kiln Room	1	150	150	
Outclass Rooms	2	800	1,600	One per floor
Large Group Instruction	1	1,600	1,600	Folding wall divides into two 800 SF rooms
Storage	3	100	300	
Music Room	1	1,000	1,000	
Music Storage	1	200	200	
Stage	1	800	800	
Stage Storage	1	120	120	
SPECIAL CLASSROOMS SUBTOTAL:			6,920	

SPECIALIZED ROOMS

Space/Function	Qty	SF	TOTAL SF	Notes
Extended Learning Program				
ELP Reception	1	175	175	
ELP Office	1	150	150	
ELP Teacher Restroom	1	60	60	
ELP Snack Preparation	1	190	190	
ELP Study	1	250	250	
ELP Classroom	1	1,750	1,750	
ELP Storage	1	85	85	
ELP Student Restrooms	2	60	120	
ELP Conference Room	1	100	100	
ELP SUBTOTAL:			2,880	

4. FINISHES

	Walls				Floor			Ceiling		REMARKS	
	Impact Resistant	Tile	Painted Gypsum	Painted CMU	Hard Surface	Sealed Concrete	Tile	2x2 Acoustical Lay-In	Exposed		
SPECIALIZED ROOMS											
Special Classrooms											
Art Lab	X				X			X			
Art Storage Closet	X				X			X			
Kiln Room	X				X				X		
Outclass Rooms	X				X			X			
Large Group Instruction	X				X			X			
Music Room	X				X			X		Acoustical panels	
Music Storage	X				X			X			
Stage	X				X				X	Wood Flooring, painted black	
Stage Storage	X				X			X			
Extended Learning Program											
ELP Reception			X		X			X			
ELP Office			X		X			X			
ELP Teacher Restroom		X					X	X			
ELP Snack Preparation			X		X			X			
ELP Study			X		X			X			
ELP Classroom	X				X			X			
ELP Storage			X		X			X			
ELP Student Restrooms		X					X	X			

Art Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Art Room	1	24	1,000	1,000	

PROGRAM DETAILS

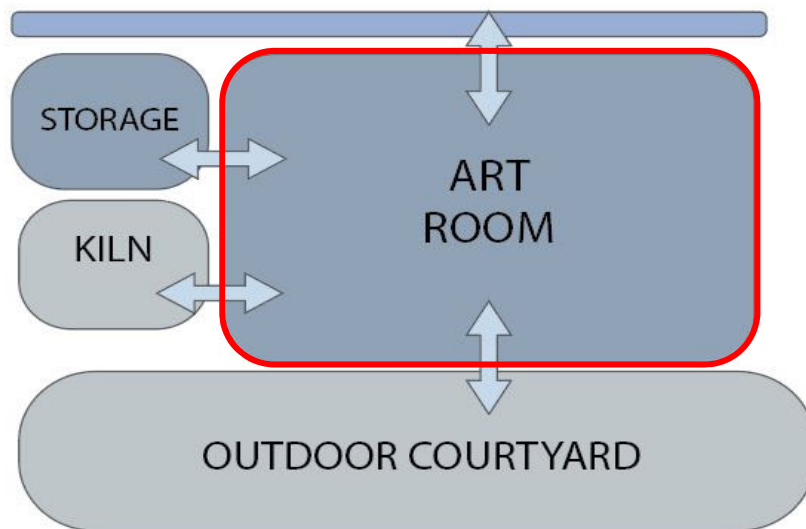
DESCRIPTION OF SPACE AND USES:

Makerspace, lecture, demonstration, drawing, painting, ceramics, etc.

SPATIAL RELATIONSHIP:

To be located within close proximity to academic classrooms and should be easily accessible by all students. Adjacent to outdoor courtyard and Kiln 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.

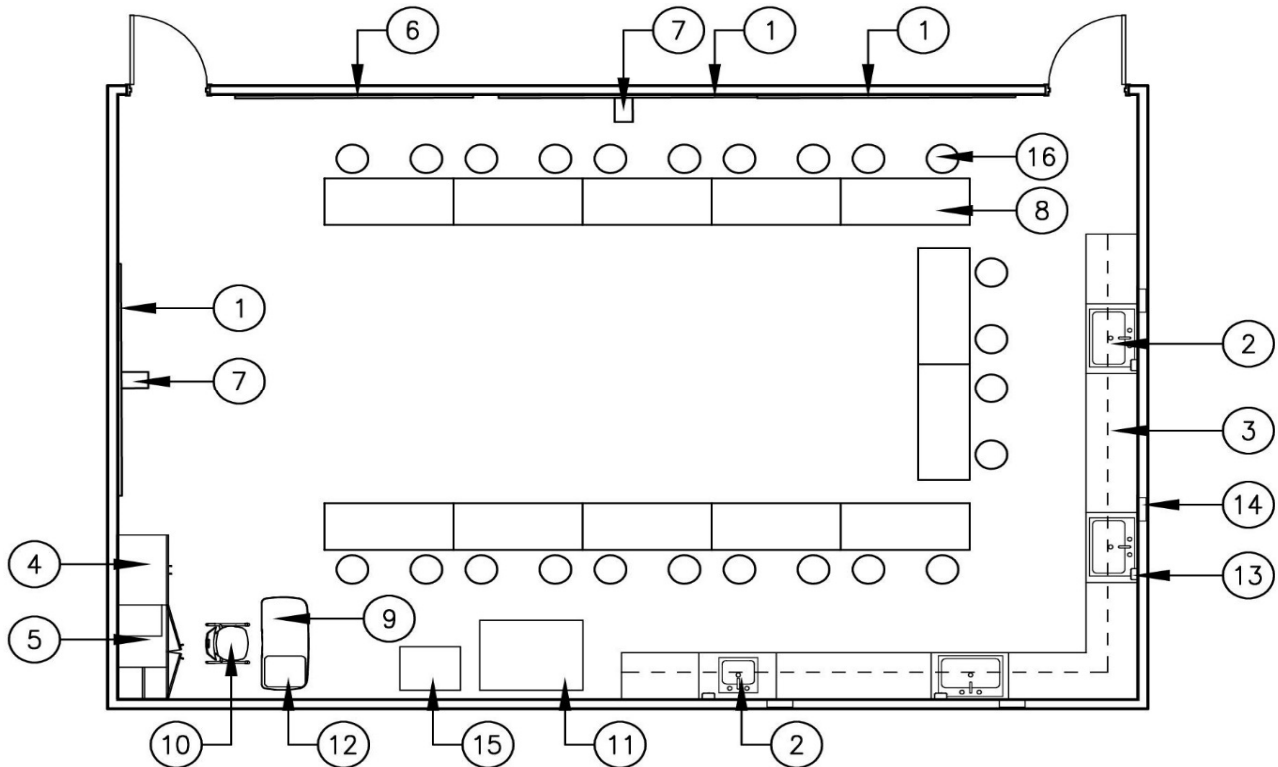
Art Room**OTHER ACTIVITIES:**

Individualized Projects - Individual projects and designs.

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 Room**LAYOUT****EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard, magnetic	1	One below projector	3	10'W x 5'H	
Sink	2	Three deep sinks with gooseneck faucet for washing of large objects and one HC accessible sink.	4		
Upper and Lower Cabinets	3	Line walls. Provide paper storage in open millwork.			
Tall Storage	4		1		
Teacher Wardrobe	5		1		

Art Room					
Tackstrip	6		1		
Instructional Display Technology	7		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Table	8		6		
Teacher Desk	9		1		
Teacher Chair	10		1		
Flat File Storage	11		1	48"W x 36"D	
Teacher Tool Set	12		1		
Soap Dispenser	13	Contractor installed	4		
Paper Towel Dispenser	14	Contractor installed	4		
Student Devices Cart	15	Provide anchor to wall	1		
Student Stool	16		24		
Notes:					
1. Provide display areas that accommodate 2-dimensional and 3-dimensional outside of art room. Provide tack strip above display areas for securing heavy objects. Surface of display areas shall be porous to accept pins, staples and tacks. Provide ceiling hooks for hanging 3-dimensional work.					

Art Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Art Storage	1		150	150	Provide lockable door.

PROGRAM DETAILS

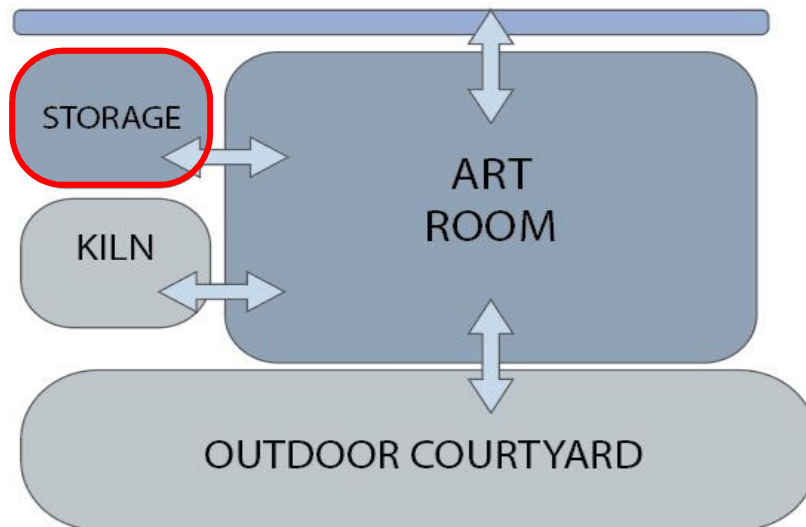
DESCRIPTION OF SPACE AND USES:

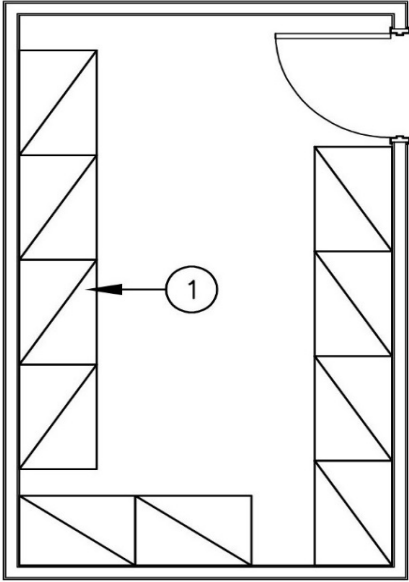
Store books, supplies and other art and teaching materials.

SPATIAL RELATIONSHIP:

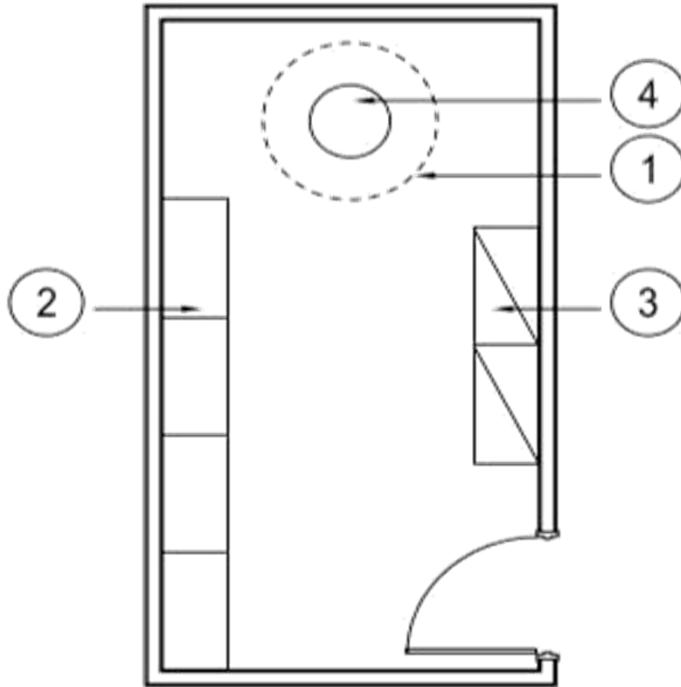
To be located between Art Rooms with access to both.

RELATIONSHIP DIAGRAM



Art Storage					
Art 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:					

Kiln					
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: To be located adjacent to Art Room.					
RELATIONSHIP DIAGRAM					
<pre> graph TD Storage[STORAGE] <--> Kiln[KILN] Kiln <--> ArtRoom[ART ROOM] ArtRoom <--> Courtyard[OUTDOOR COURTYARD] ArtRoom <--> Bar[] </pre>					

Kiln					
Kiln					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Vent-a-Kiln	1		1		
Drying Rack	2		1		
Metal Shelving	3		2	36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Kiln	4		1		
Notes:					
1. Locate disconnect for kiln to be accessible away from kiln.					

Outclass Rooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Outclass Rooms	2	24	800	1,600	Flexible space for small and large groups. One per floor.

PROGRAM DETAILS

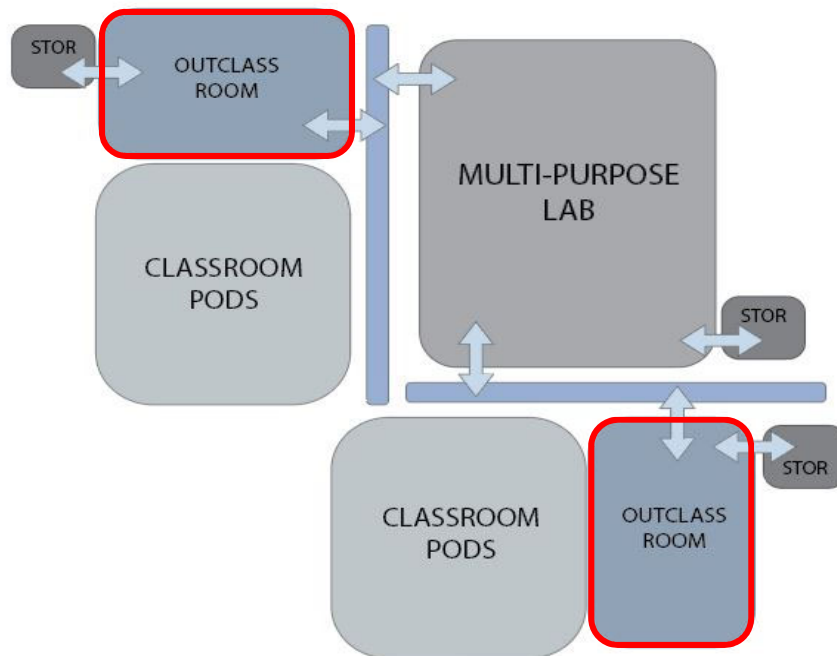
DESCRIPTION OF SPACE AND USES:

Makerspace, lecture, demonstration, computer learning and written exercises. Activities are performed as class, small group or individual and include but not limited to design, experiments, building and inventing.

SPATIAL RELATIONSHIP:

Should be located centrally with access to outdoor space and limited noise impact to classroom spaces. For 2-story elementary schools, one out class should be provided on each floor.)

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.

Outclass Rooms

OTHER ACTIVITIES:

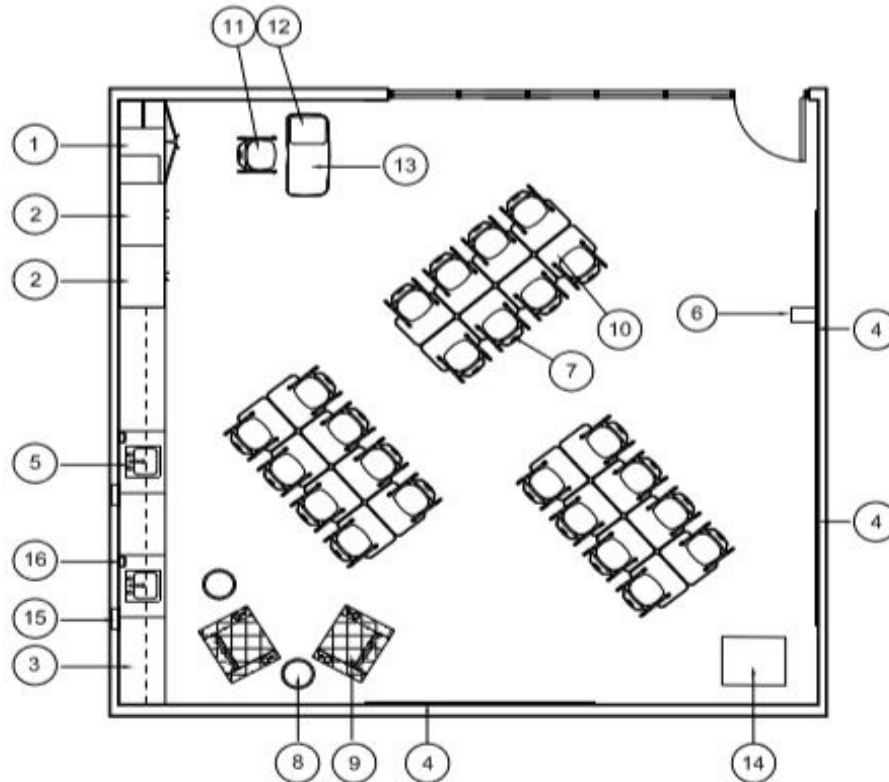
Team Activities - Teaming between rooms to enhance learning activities

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.

Science Experiments - Hands on lab activities with teacher guidance.

Outclass Rooms**LAYOUT****EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Teacher Wardrobe	1		1	3' x 7' x 2'	
Tall Shelving Unit	2		1	3' x 7' x 2'	
Upper and Lower Cabinets	3				
Markerboard	4	Below projection device	3	5' x 10'	
Sink	5	One deep sink with gooseneck faucet and one HC accessible sink.	2		
Instructional Display Technology	6		1		

Outclass Rooms					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Chair	7	Stackable	24		
Wobbly stools	8		2		
Soft Seating	9	Lounge Chair; can be paired up into small couch	2		
Student Desk	10		24		
Teacher Chair	11		1		
Teacher Tool Set	12		1		
Teacher Desk	13		1		
Student Devices Cart	14	Provide anchor to wall	1		
Paper Towel Dispenser	15	Contractor installed	2		
Soap Dispenser	16	Contractor installed	2		
Notes:					
1. Maybe used for Active Learning Classroom.					

Multi-Purpose Lab

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Multi-Purpose Lab	1		1,600	1,600	

PROGRAM DETAILS

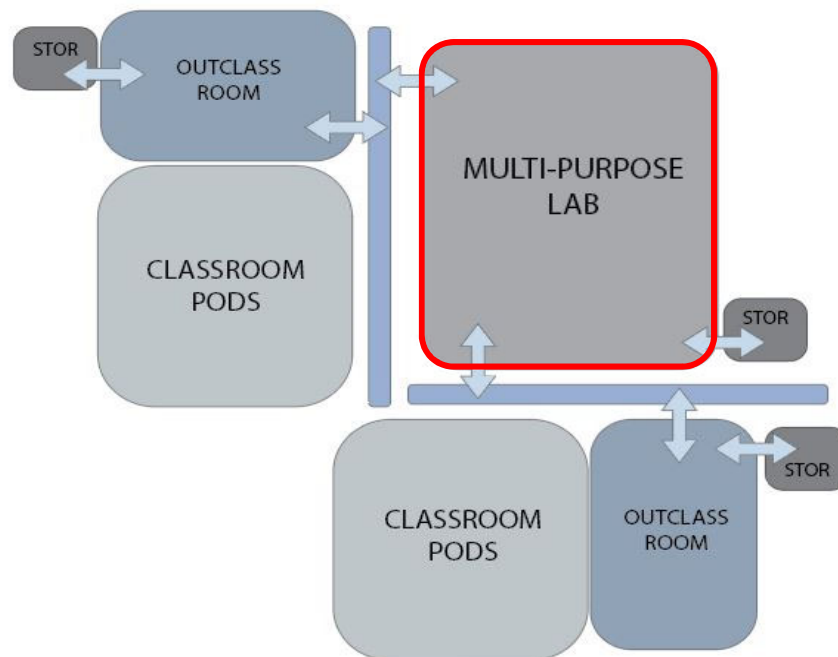
DESCRIPTION OF SPACE AND USES:

Large meeting/instruction space. This space should be flexible enough to be utilized in many different capacities and configurations.

SPATIAL RELATIONSHIP:

Should be located in close proximity to the classroom spaces of the school with easy access to restrooms.

RELATIONSHIP DIAGRAM



LEARNING FRAMEWORK

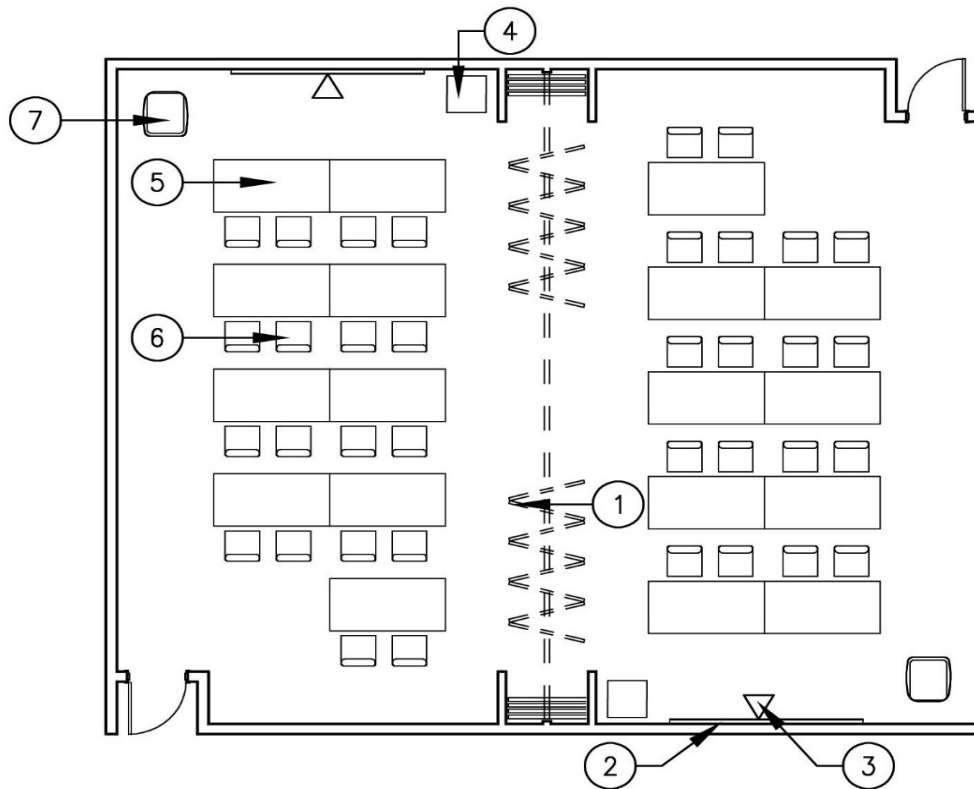
LEARNING ACTIVITIES:

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.

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.

**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Folding/Movable Wall	1		1		
Markerboard, magnetic	2		2	4' x 6'	
Instructional Display Technology	3		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Devices Cart	4	Provide anchor to wall	2		
Tables	5	Seats 2	18		
Chairs	6	Stackable	36		
Podium	7	Mobile	2		

Notes:

1. Folding Wall Partition to allow for room to be divided into two 800 SF spaces.

Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Storage	3		100	300	Lockable door.

PROGRAM DETAILS

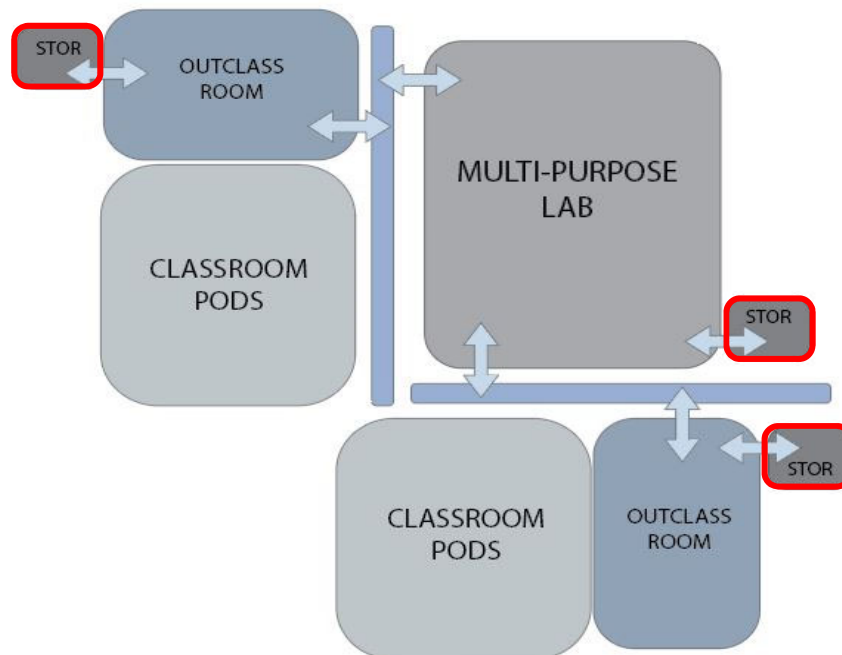
DESCRIPTION OF SPACE AND USES:

Storage space for Outclass Rooms, Large Group Instruction and other spaces throughout campus.

SPATIAL RELATIONSHIP:

Some to be located in close proximity to out classes others located throughout campus.

RELATIONSHIP DIAGRAM



Storage					
Storage					LAYOUT
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Adjustable shelves	6	36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Refrigerator	2	Future	1		
Notes:					

Music Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Music Room	1	40 students minimum	1,200	1,200	

PROGRAM DETAILS

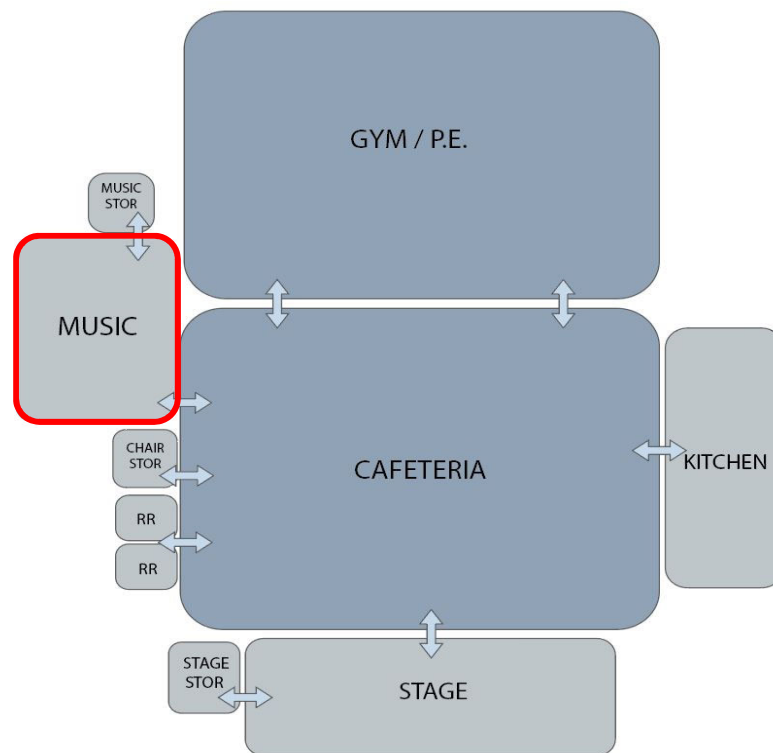
DESCRIPTION OF SPACE AND USES:

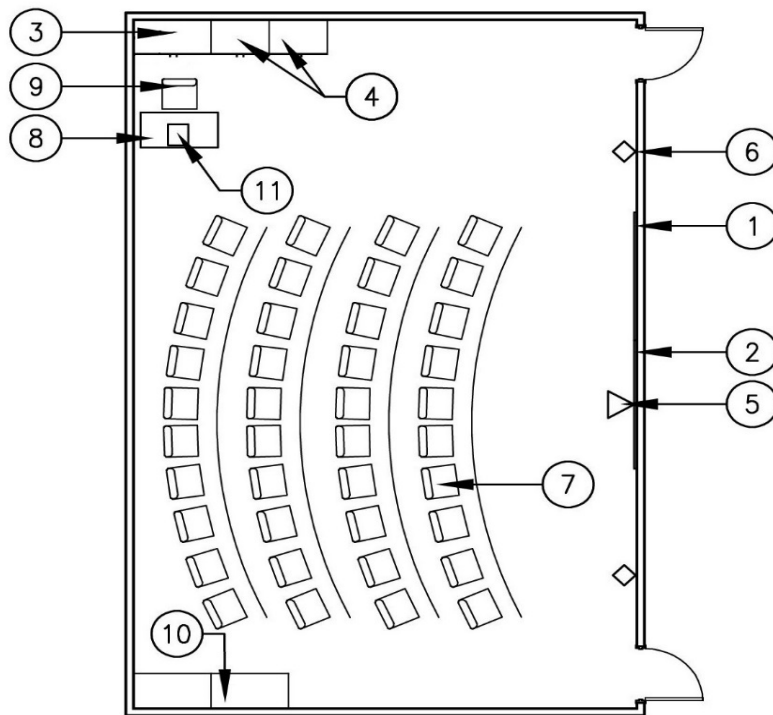
Lecture and demonstration space as well as singing, dancing and instrument practice within. Half classroom space with chairs, half to remain open for use of risers, etc.

SPATIAL RELATIONSHIP:

Locate adjacent to stage, near cafeteria. Sound isolation is necessary to avoid distractions.

RELATIONSHIP DIAGRAM



**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard, magnetic	1	With music staph	1	4' x 10'	
Markerboard, magnetic	2	Below projection device	1	5' x 10'	
Teacher's Wardrobe	3		1	3' x 7' x 2'	
Tall Shelving Unit	4		2	3' x 7' x 2"	
Instructional Display Technology	5		1		
Speakers	6		2		

Music Room					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Chair	7		40		
Teacher Desk	8		1		
Teacher Chair	9		1		
Risers	10		1		
Teacher Tool Set	11		1		
Notes:					
1. Shape of room should be rectangular, with a length to width ratio of 2:1.					
2. Consult with acoustician during design to ensure quality of acoustical design in room.					

Music Storage Room

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Music Storage Room	1	N/A	200	200	Provide lockable door.

PROGRAM DETAILS

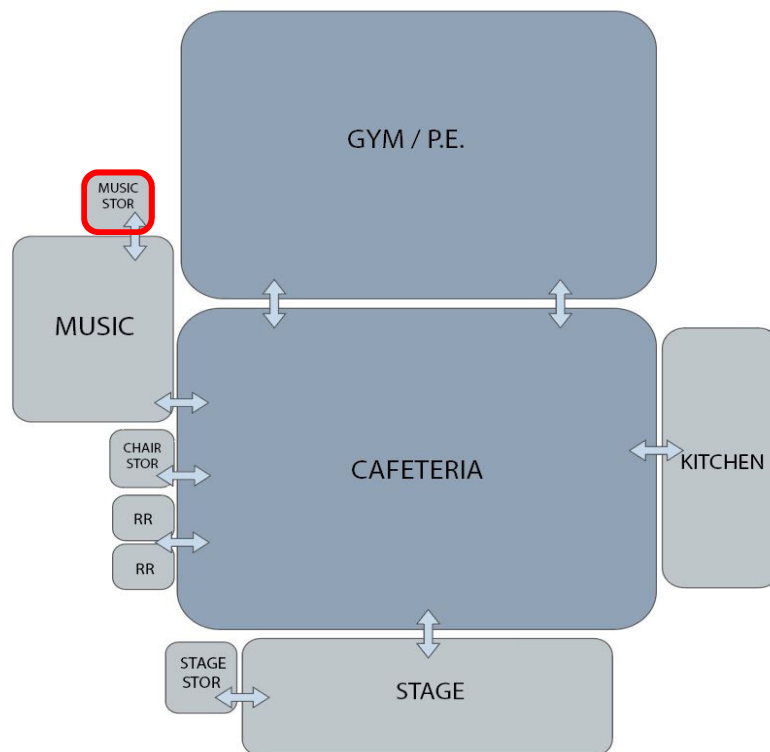
DESCRIPTION OF SPACE AND USES:

Store music teaching materials and instruments.

SPATIAL RELATIONSHIP:

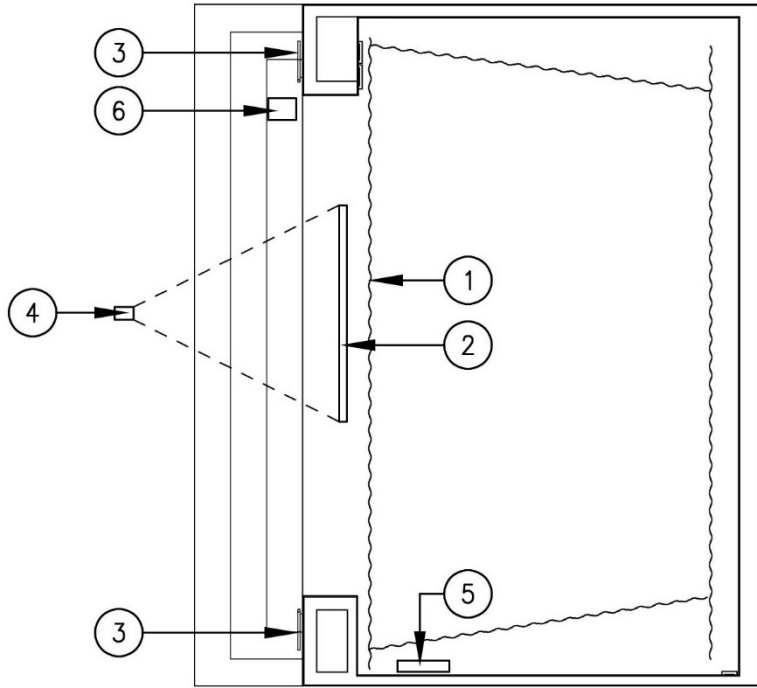
Direct access to and from Music Room.

RELATIONSHIP DIAGRAM



Music Storage Room					
Music Storage Room					LAYOUT
					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Adjustable shelves	20 LF	36" x 24" x 84"	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

Stage					
PROGRAM SPACES					
SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Stage	1		800	800	Wood steps shall run entire length of stage to be used as risers.
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; ideally along one long side of dining room opposite from folding wall which opens into gym.					
RELATIONSHIP DIAGRAM					

Stage						Stage
LAYOUT						LAYOUT
						
EQUIPMENT/FURNITURE						
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments	
IN CONTRACT / CONTRACTOR PROVIDED						
Stage Curtains	1		2			
Projection Screen	2	Electric	1			
Small Group Display Technology	3	Display	2			
Large Area Projection	4	Ceiling mounted; on retractable platform lift.	1			
Lighting Control Panel	5	Stage lighting front and back of house.	1			
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments	
NOT IN CONTRACT / OWNER PROVIDED						
Misc. Tool Set	6		1			
Notes:						
1. Platform to be approximately 18" AFF.						
2. Complete curtain system to include headers, borders, curtain tracks, operating devices and fasteners. No cyclorama curtains at back of stage.						
3. Consult with acoustician during design to ensure quality of acoustical design in room.						
4. Provide stage rigging and lighting control panel per Technical Design Guidelines.						

Stage Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
Stage Storage	1		120	120	

PROGRAM DETAILS

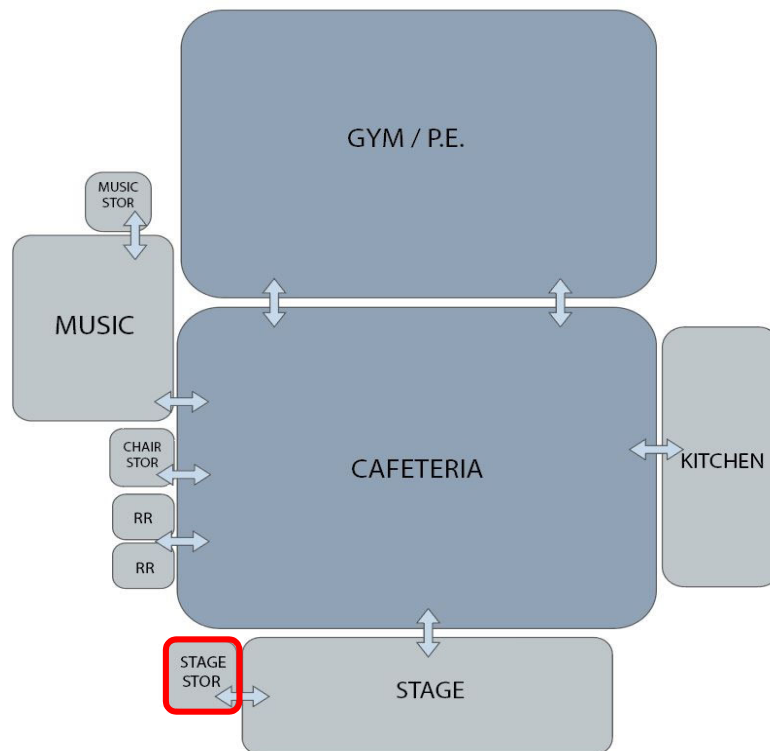
DESCRIPTION OF SPACE AND USES:

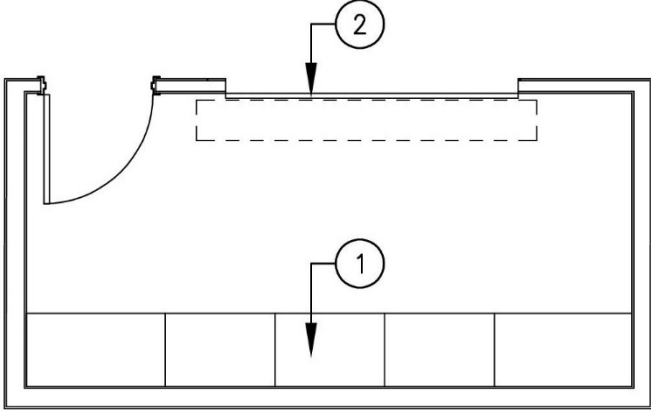
Storage of props and other stage equipment.

SPATIAL RELATIONSHIP:

To be located at one side of stage. Provide tall overhead door and walk door for access.

RELATIONSHIP DIAGRAM



Stage Storage					
Stage Storage					LAYOUT
					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Metal Shelving	1	Line back wall	5	36" x 24" x 84"	
Overhead Door	2		1		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Notes:					

ELP Reception

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
ELP Reception	1		175	175	Secure and controlled access to and from ELP is required.

PROGRAM DETAILS

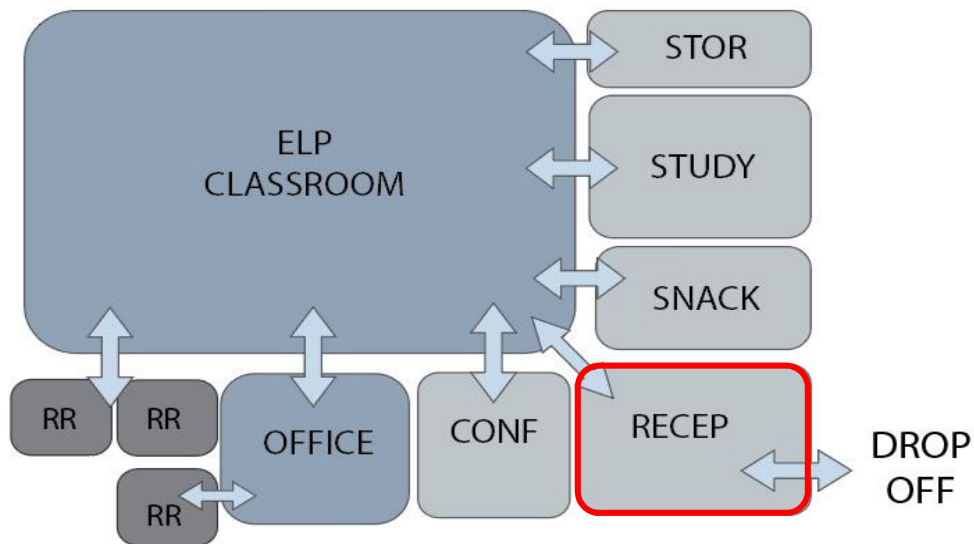
DESCRIPTION OF SPACE AND USES:

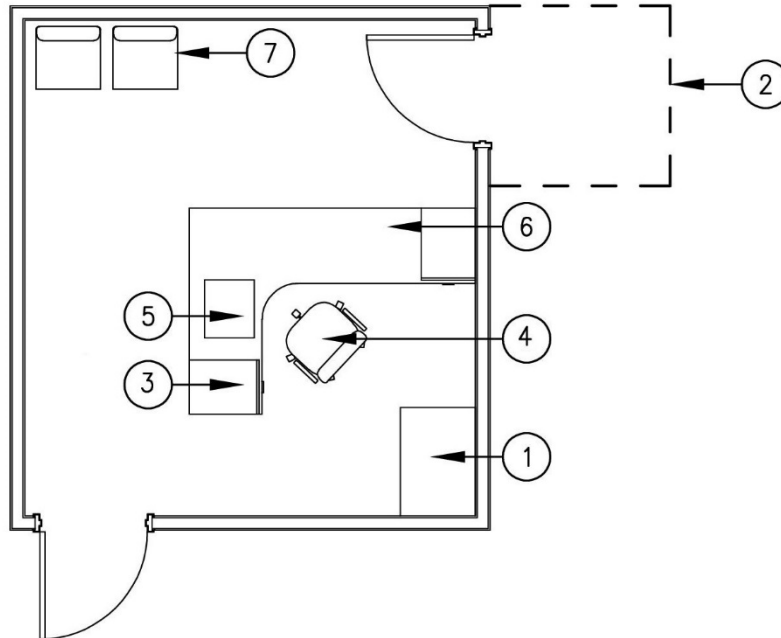
ELP Reception will control/grant access into ELP space via secure vestibule. This space should be secure at all times.

SPATIAL RELATIONSHIP:

Reception should be adjacent to the Extended Learning Program drop-off entrance.

RELATIONSHIP DIAGRAM





EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Tall Shelving Unit	1		1		
Canopy	2		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		1		
Office Tool Set	5		1		
Desk	6	With return	1		
Visitor Chairs	7		2		

Notes:

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
ELP Office	1		150	150	Visibility to entrance as well as classroom area is necessary.

PROGRAM DETAILS

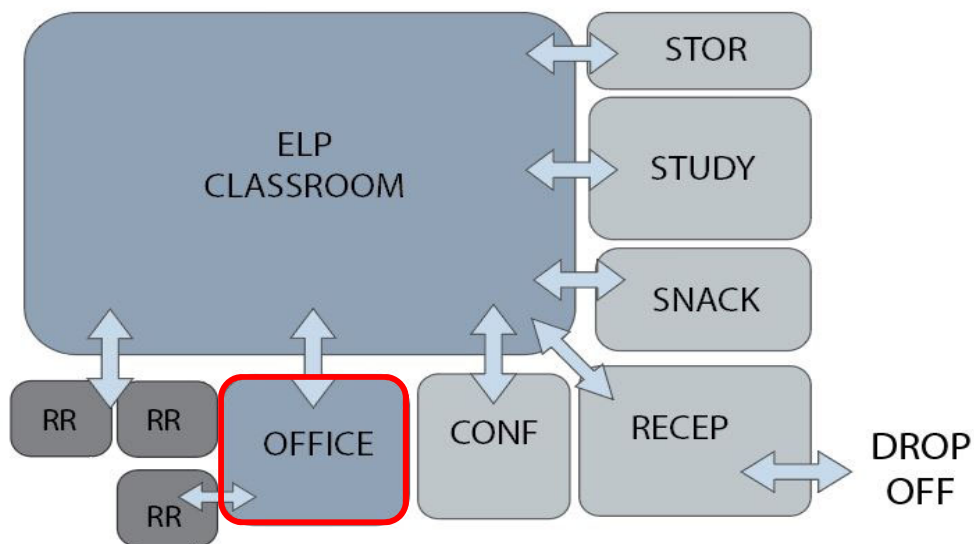
DESCRIPTION OF SPACE AND USES:

ELP office is used for on-site program coordinator and assistant coordinator.

SPATIAL RELATIONSHIP:

Office should be located adjacent to reception and ELP classroom.

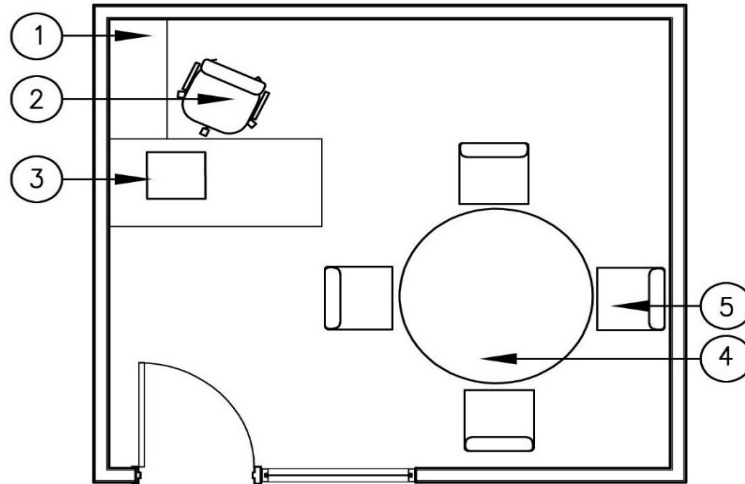
RELATIONSHIP DIAGRAM



ELP Office

ELP Office

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		
Office Tool Set	3		1		
Small Table	4	Round	1		
Chair	5		4		
Notes:					

ELP Teacher Restroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
ELP Teacher Restroom	1	N/A	60	60	

PROGRAM DETAILS

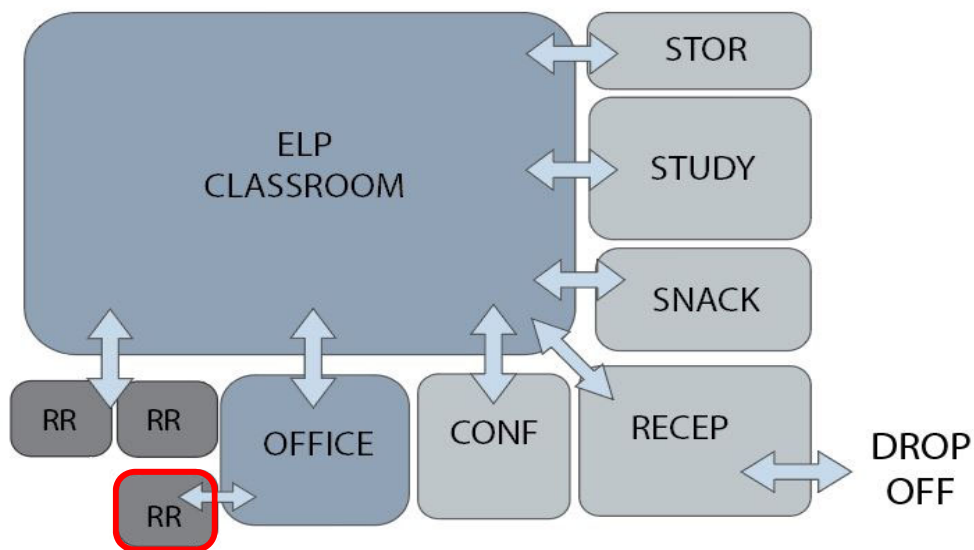
DESCRIPTION OF SPACE AND USES:

Unisex single user restrooms for staff and visitors.

SPATIAL RELATIONSHIP:

Adjacent to ELP Classroom. If located in public corridor, privacy locks or key access locks should be provided.

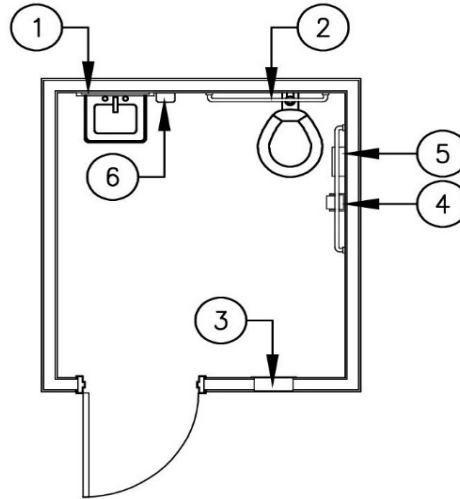
RELATIONSHIP DIAGRAM



ELP Teacher Restroom

ELP Teacher 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	1		
Soap Dispenser	6	Contractor installed	1		
Notes:					

ELP Snack Preparation

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
ELP Snack Preparation	1		190	190	

PROGRAM DETAILS

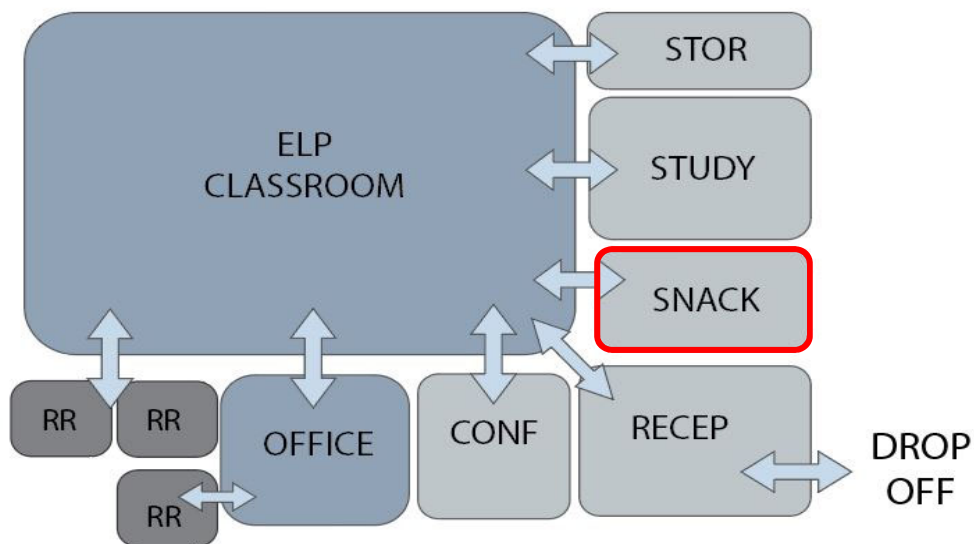
DESCRIPTION OF SPACE AND USES:

Snack assembly space for ELP, not to be used to prepare meals.

SPATIAL RELATIONSHIP:

Locate adjacent to ELP Classroom.

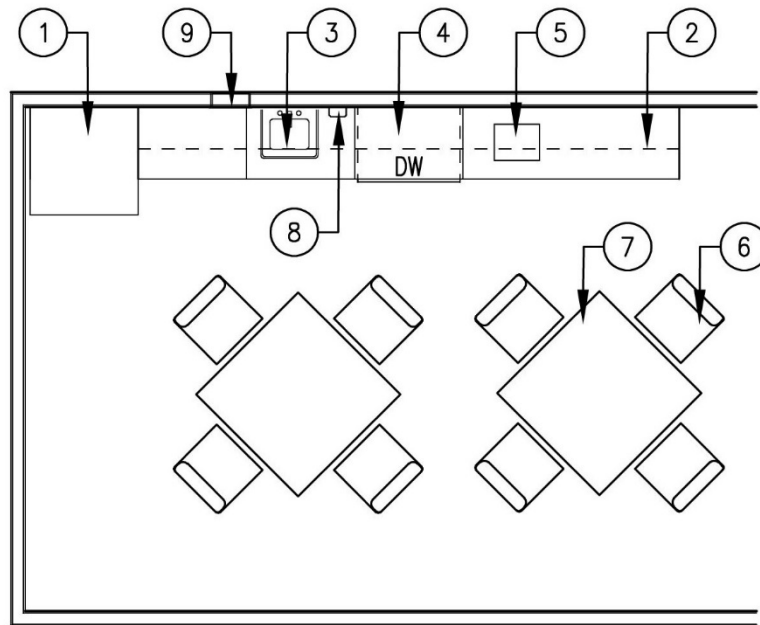
RELATIONSHIP DIAGRAM



ELP Snack Preparation

ELP Snack Preparation

LAYOUT



EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Refrigerator	1		1		
Upper and Lower Cabinets	2				
Sink	3		1		
Dishwasher	4		1		
NOT IN CONTRACT / OWNER PROVIDED					
Microwave Oven	5		1		
Chairs	6		8		
Tables	7		2		
Soap Dispenser	8	Contractor installed	1		
Paper Towel Dispenser	9	Contractor installed	1		

Notes:

PROGRAM SPACES

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

PROGRAM DETAILS

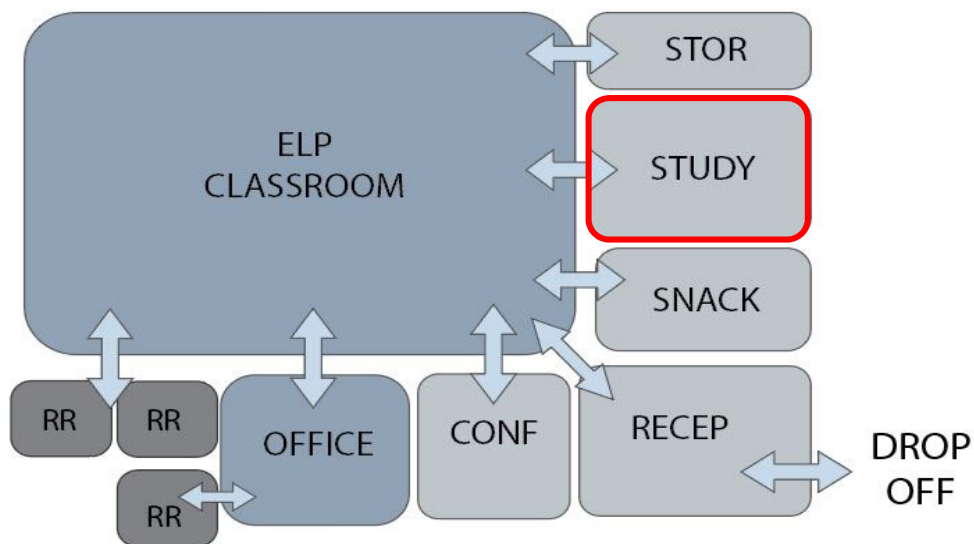
DESCRIPTION OF SPACE AND USES:

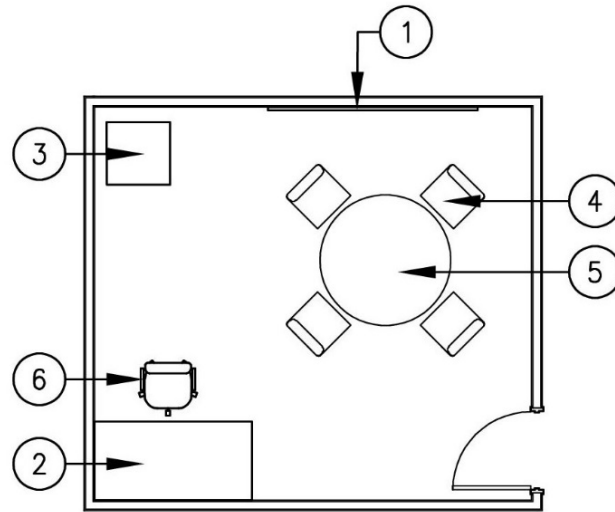
ELP Study area to be used by students to work on homework in a quiet environment.

SPATIAL RELATIONSHIP:

Adjacent to ELP Classroom.

RELATIONSHIP DIAGRAM



**EQUIPMENT/FURNITURE**

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard, magnetic	1		1	5' x 10'	
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Student Table	2		1	3' x 6'	
Student Devices	3		1		
Chair	4		4		
Table	5		1		
Task Chair	6		1		

Notes:

ELP Classroom

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
ELP Classroom	1	150-200	1,750	1,750	Secure and controlled access to and from ELP is required.

PROGRAM DETAILS

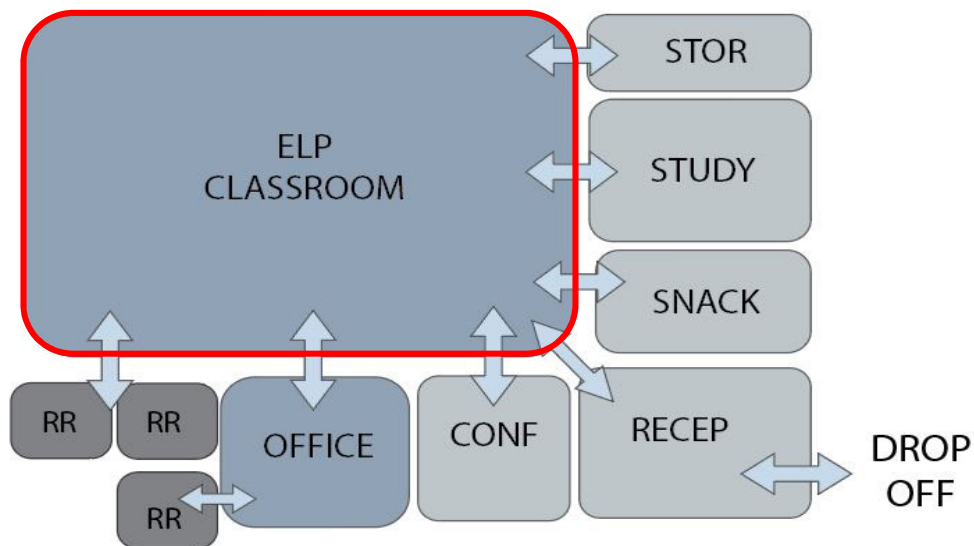
DESCRIPTION OF SPACE AND USES:

ELP (Extended Learning Program) is used for group and individual activities such as games, crafts, homework or tutoring. Children utilize the learning lab, library, commons, gymnasium, and playground areas. Parents sign in and out children at reception desk/counter.

SPATIAL RELATIONSHIP:

Classroom should be located so that it can be operated independently from the rest of the campus with a separate exterior entrance and parent drop-off. Should be within close proximity to the stage, cafeteria and gym, as well as other group learning areas of school as described above.

RELATIONSHIP DIAGRAM



ELP Classroom					
ELP Classroom LAYOUT					
EQUIPMENT/FURNITURE					
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard, magnetic	1		2	5' x 10'	
Markerboard, magnetic	2	By door	1	4' x 6'	
Teacher's Wardrobe	3		1	36" x 24" x 84"	
Cubbies	4		150	20" x 20" x 20"	
Instructional Display Technology	5		2		
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
NOT IN CONTRACT / OWNER PROVIDED					
Time Clock	6		1		
Office Tool Set	7		1		
Teacher Desk	8		1		
Task Chair	9		1		
Student Table	10		4		
Table	11		2		
Student Desktop	12		2		
Student Chair	13		16		
Notes:					
1. Must comply with minimum requirement for childcare centers, Texas Department of Family and Protective Services Licensing Division in effect when building permit is issued.					

ELP Storage

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
ELP Storage	1		85	85	

PROGRAM DETAILS

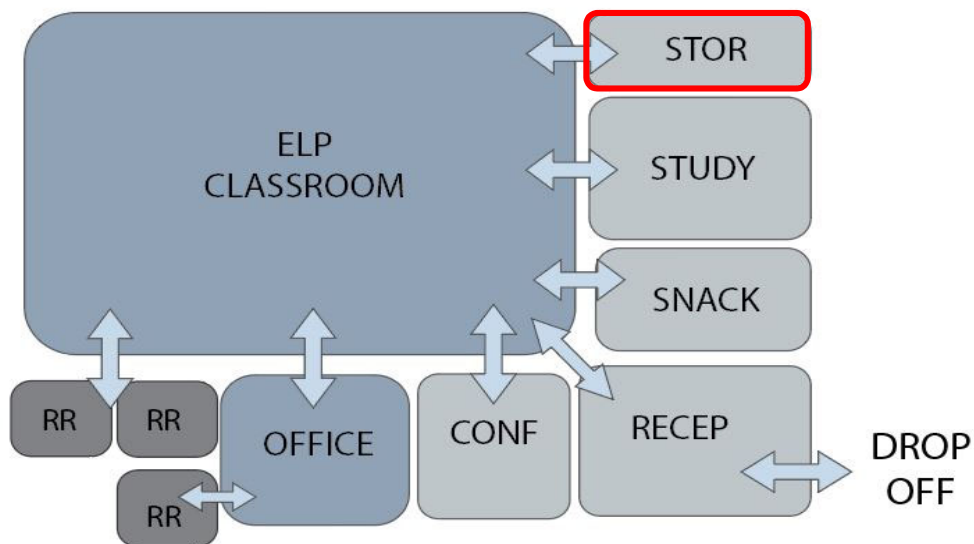
DESCRIPTION OF SPACE AND USES:

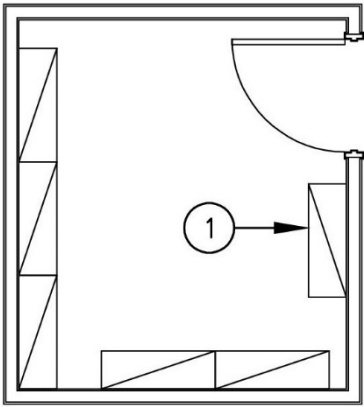
Storage space for ELP classroom supplies and activity materials.

SPATIAL RELATIONSHIP:

To be located adjacent to or within ELP Classroom.

RELATIONSHIP DIAGRAM



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

ELP Student Restrooms

PROGRAM SPACES

SPACES	Quantity:	Capacity	Area (SF):	Total (SF):	Comments:
ELP Student Restrooms	2	N/A	60	120	One for girls and one for boys.

PROGRAM DETAILS

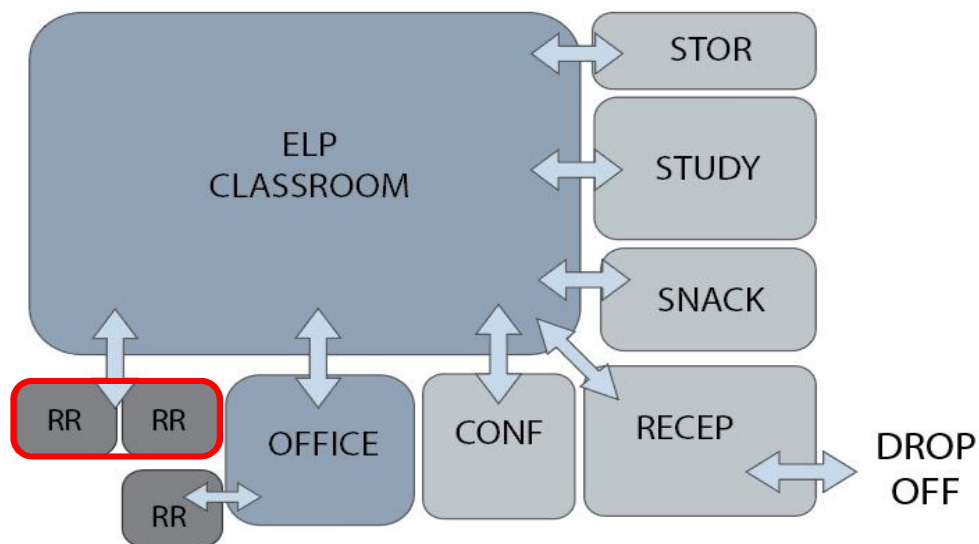
DESCRIPTION OF SPACE AND USES:

One each boy/girl, single user restrooms for ELP students.

SPATIAL RELATIONSHIP:

Adjacent to ELP Classroom.

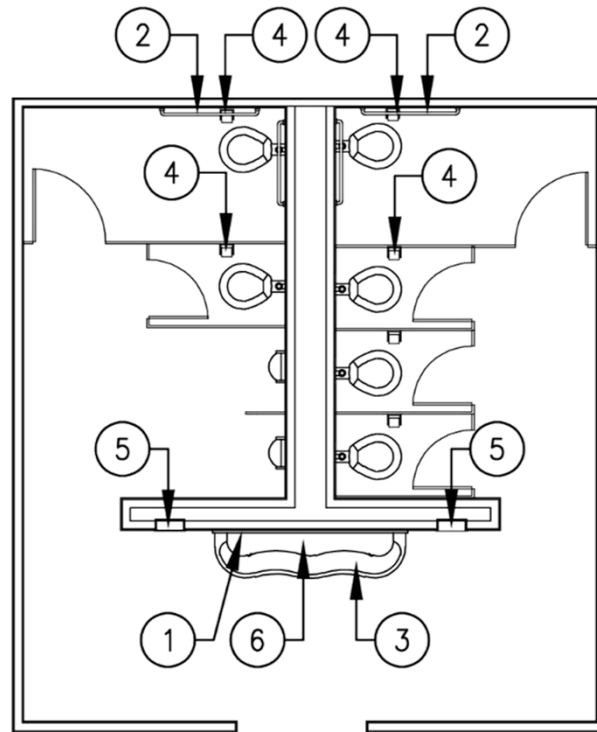
RELATIONSHIP DIAGRAM



ELP Student Restrooms

ELP Student Restrooms

LAYOUT



EQUIPMENT/FURNITURE

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

Notes:

1. Two stalls (minimum) per restroom.

ELP Conference Room

PROGRAM SPACES

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

PROGRAM DETAILS

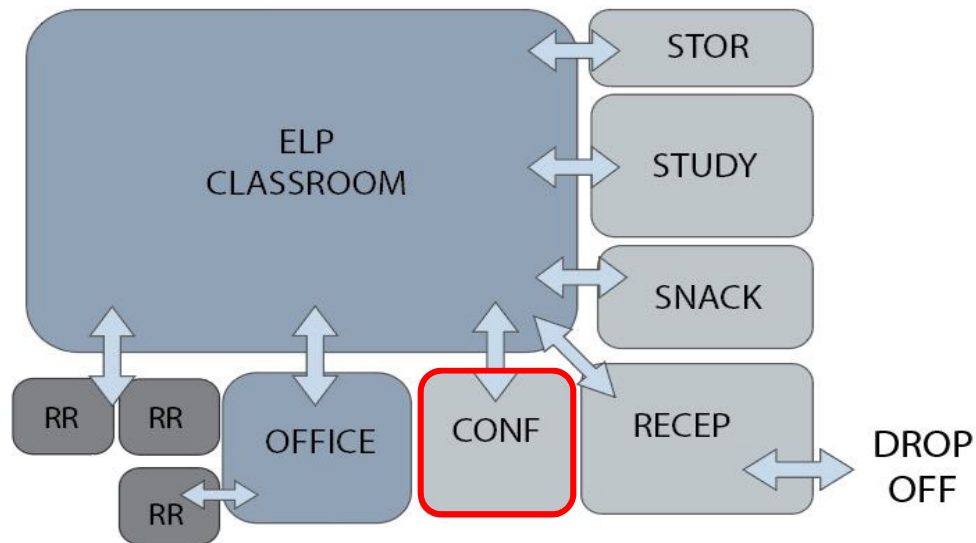
DESCRIPTION OF SPACE AND USES:

Conference space for teachers/staff and parents.

SPATIAL RELATIONSHIP:

To be located next to reception and ELP classroom.

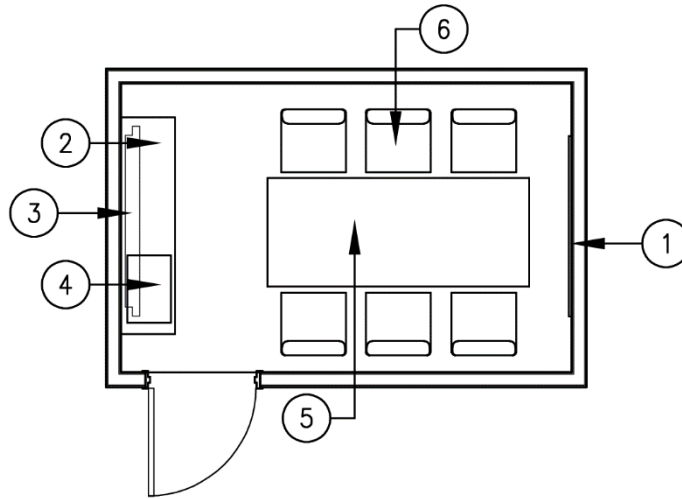
RELATIONSHIP DIAGRAM



ELP Conference Room

ELP Conference Room

LAYOUT



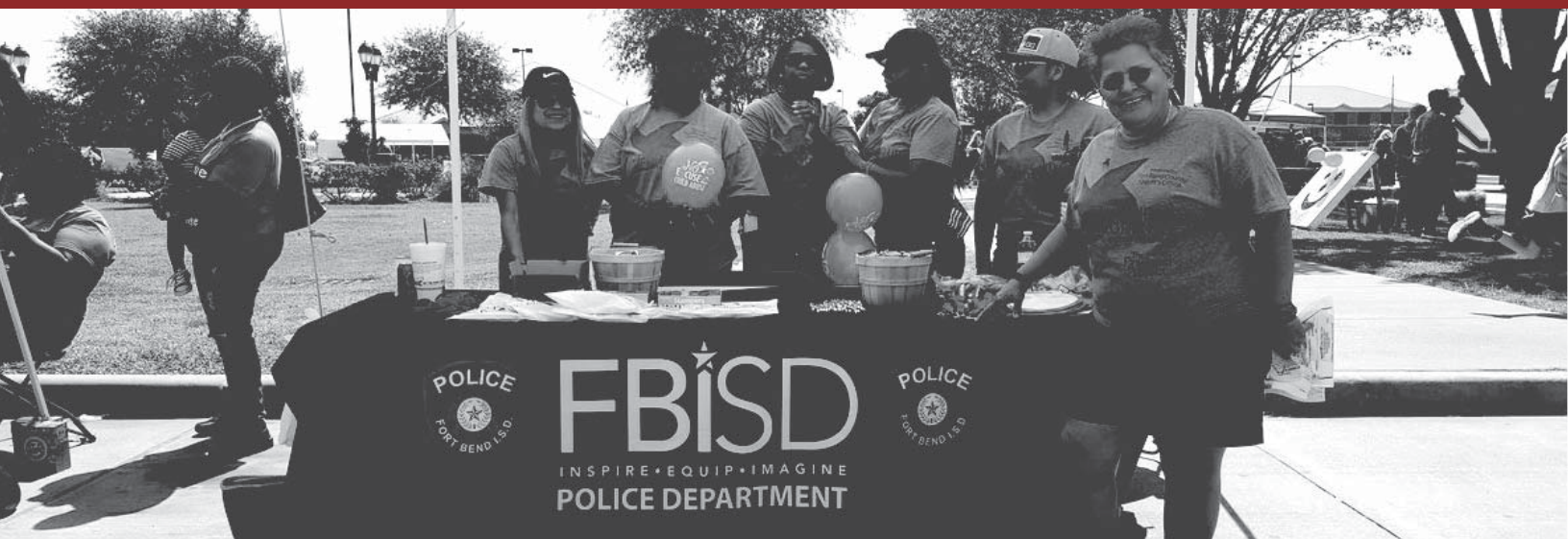
EQUIPMENT/FURNITURE

Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
IN CONTRACT / CONTRACTOR PROVIDED					
Markerboard	1		1		
Credenza	2		1		
Small Group Projection Device	3		1		
NOT IN CONTRACT / OWNER PROVIDED					
Small Conference Tool Set	4		1		
Conference Table	5		1		
Chairs	6		8		

Notes:



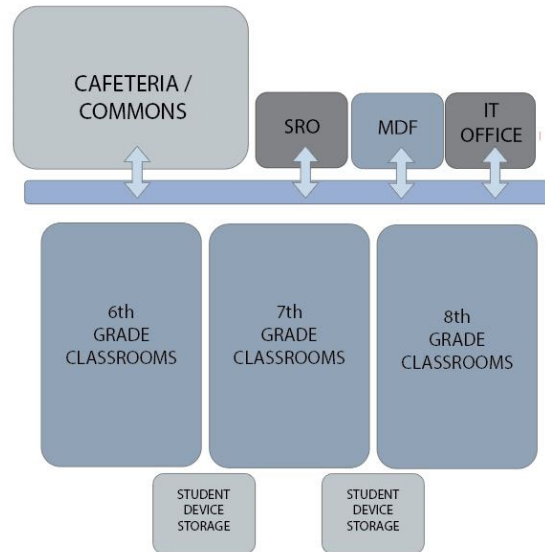
SECURITY



1. PROGRAM DESCRIPTION

One security office should be centrally located on campus with office space for two (2). This space will house the School Resource Officer.

2. SPATIAL RELATIONSHIPS & ADJACENCIES



3. PROGRAM OF SPACE

Space/Function	Qty	SF	Total SF	Notes
SECURITY				
School Resource Officer (SRO)	1	150	150	
SECURITY SUBTOTAL:			150	SF

4. FINISHES

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

School Resource Officer

PROGRAM SPACES

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

PROGRAM DETAILS

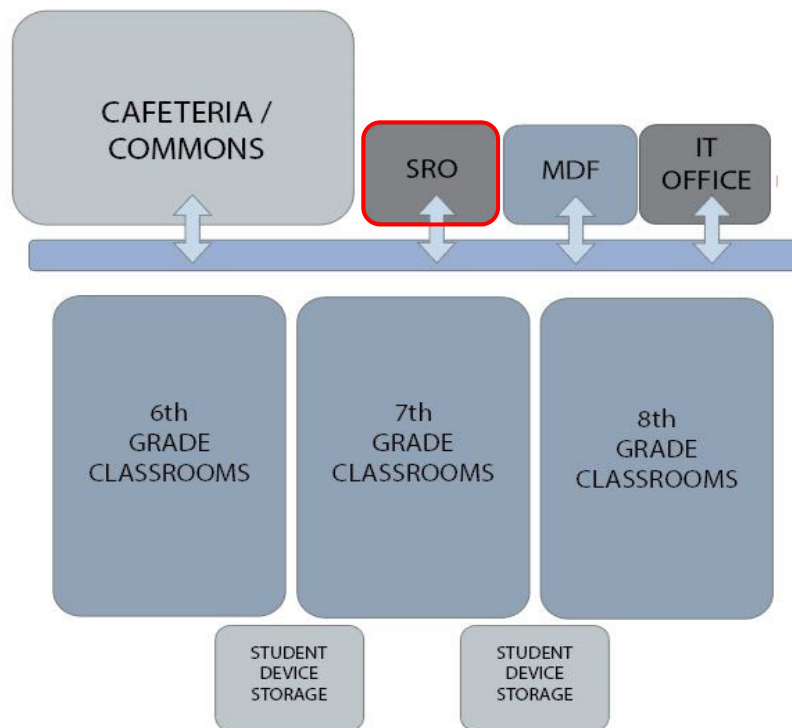
DESCRIPTION OF SPACE AND USES:

Holding area with meeting space.

SPATIAL RELATIONSHIP:

Centrally located in the school, preferably near administration and commons/cafeeteria area.

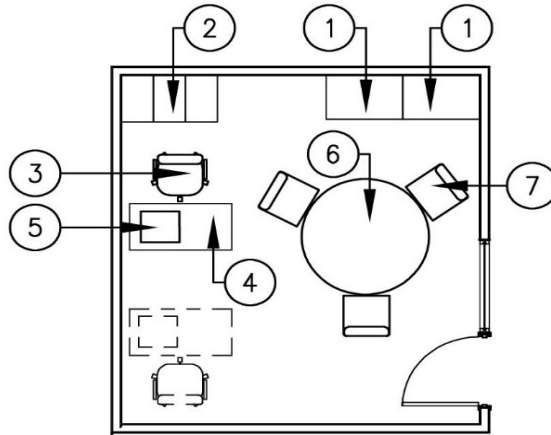
RELATIONSHIP DIAGRAM



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
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NOT IN CONTRACT / OWNER PROVIDED

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

Notes:

1. Provide window to hallway for visibility and supervision.



TECHNOLOGY

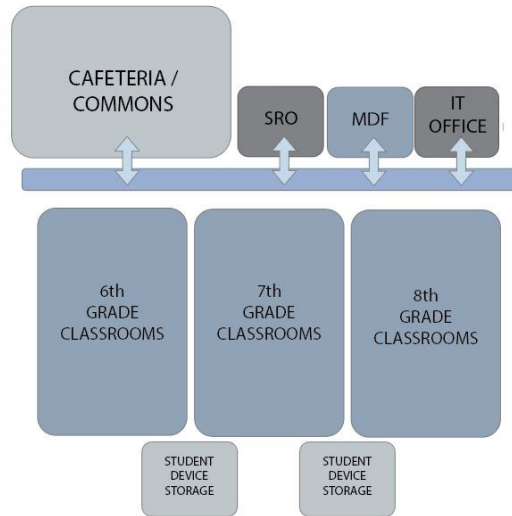


1. PROGRAM DESCRIPTION

Technology spaces shall be housed throughout the building to provide technological support for the campus. A main distribution frame (MDF) room will be centrally housed, while multiple intermediate distribution frame (IDF) rooms shall be located throughout the campus.



2. SPATIAL RELATIONSHIPS & ADJACENCIES



3. PROGRAM OF SPACE

Space/Function	Qty	SF	TOTAL SF	
TECHNOLOGY				
IT Office	1	150	150	
Student Devices Cart Storage	2	100	200	
MDF Room	1	150	150	
IDF Rooms	7	80	560	Verify quantity with floor plan design.
TECHNOLOGY SUBTOTAL:			1,060	SF

4. FINISHES

	Walls				Floor		Ceiling		REMARKS
	3/4" PLYWOOD	Tile	Painted Gypsum	Painted CMU	Hard Surface	Tile	2x2 Acoustical Lay-In	Exposed	
TECHNOLOGY / SECURITY									
IT Office			X		X		X		
Student Devices Cart Storage			X		X		X		
MDF Room	X				X			X	Fire Rated
IDF Rooms	X				X			X	Fire Rated

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

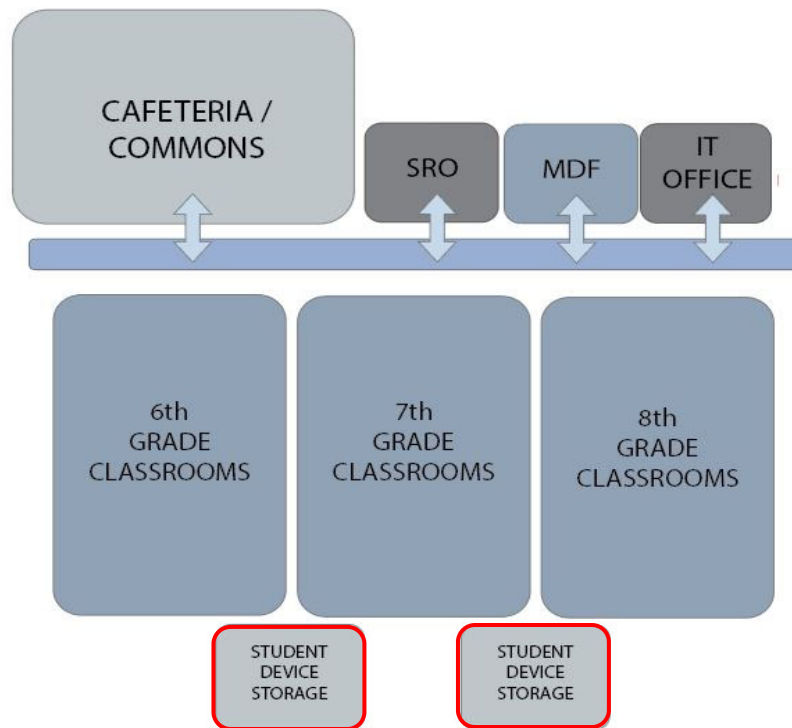
DESCRIPTION OF SPACE AND USES:

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

SPATIAL RELATIONSHIP:

Locate in area close to all classrooms.

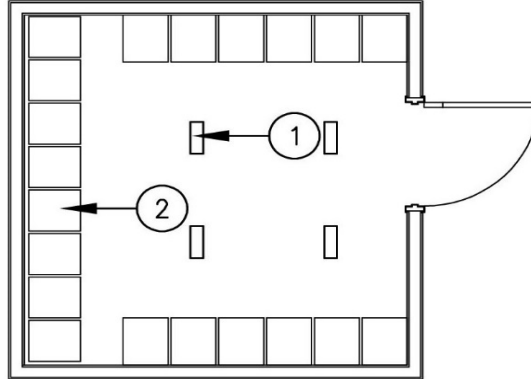
RELATIONSHIP DIAGRAM



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	Card reader access.

PROGRAM DETAILS

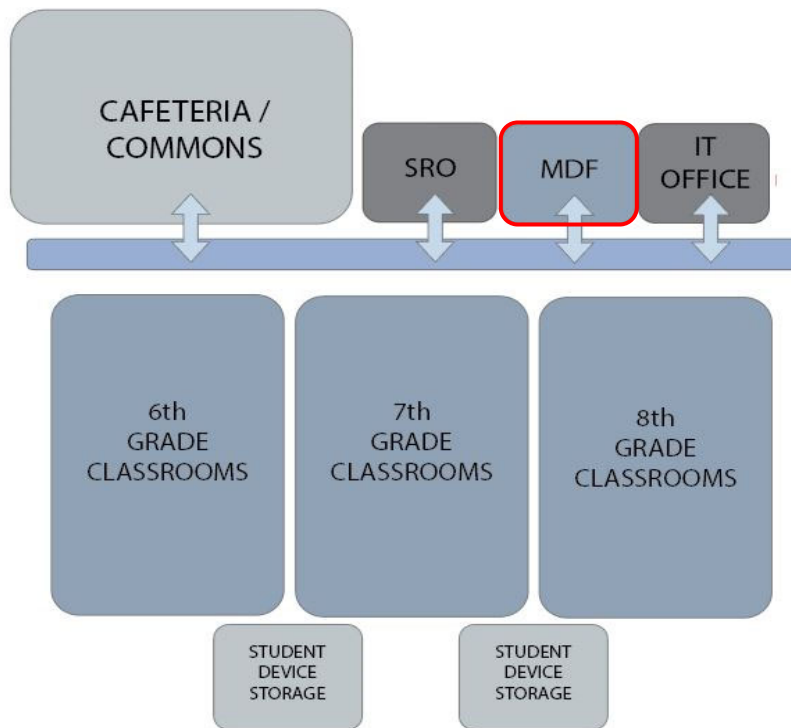
DESCRIPTION OF SPACE AND USES:

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.

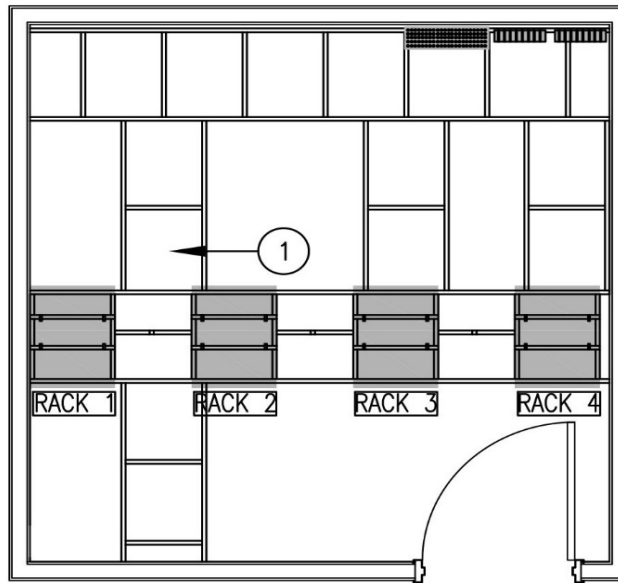
RELATIONSHIP DIAGRAM



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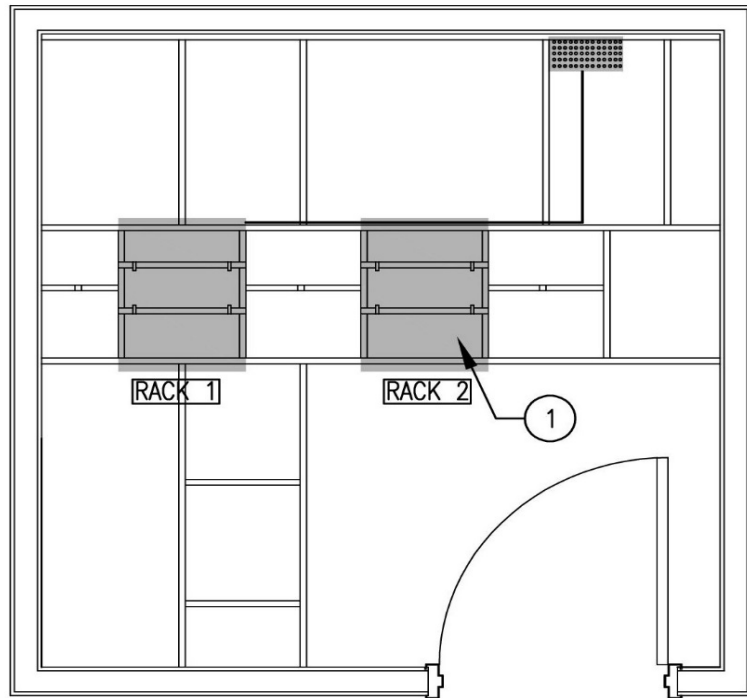
Furniture/Equipment	Tag No.	Notes	Qty.	Size	Comments
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NOT IN CONTRACT / OWNER PROVIDED

Network Switches and UPS		Refer to Technical Design Guidelines for additional information.			
--------------------------	--	--	--	--	--

Notes:

1. Computers will be networked to the FBISD Administration building. IDF rooms 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 reader access.
4. MDF and IDF equipment to be tied to emergency generator.
5. It is preferred to have the MDF and IDF's stack if the building has two floors. If the building has two floors, have the IDF room on the 1st floor under the IDF room location on the 2nd floor.

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 to meet the cabling distance requirements.					
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
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:					
<p>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.</p> <p>2. Separate A/C system is required so that cooling can be provided to the MDF & IDF rooms 24-hours a day, year round.</p> <p>3. Provide card access.</p> <p>4. MDF and IDF equipment to be tied to emergency generator.</p> <p>5. It is preferred to have the MDF and IDF's stack if the building has two floors. If the building has two floors, have the IDF room on the 1st floor under the IDF room location on the 2nd floor.</p> <p>6. The IDF rooms only provide service to the floor where the room is located. Refer to Technical Design Guidelines for additional information.</p>					



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

