

HISD EDUCATIONAL SPECIFICATIONS



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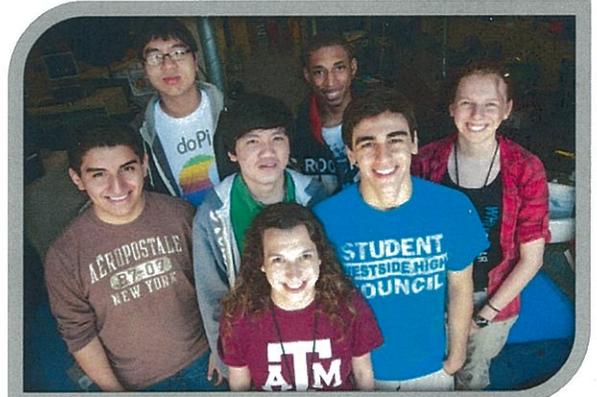
Approved by:

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SHARPSTOWN HIGH SCHOOL

June 3, 2014



**CONSTRUCTION AND FACILITY SERVICES
FACILITIES PLANNING**

Customer Focused Always Responsive
3200 Center Street • Houston, TX 77007-5909





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GUIDING PRINCIPLES

Guiding Principles articulate a school's vision, values, hopes and ideals to the design team. Guiding Principles will be used to "test" the decisions that are made throughout the design process, since every element of the building must be created to support the school's vision and values.

Sharpstown High School promotes:

A Culture of Success and Achievement–

We are a highly structured, focused, and accountable school whose culture drives student achievement. Our focus is on the complete development of young adults who embrace our creed:

Apollo Creed

I will respect myself and others.

I will do my personal best.

I will make good decisions.

I will honor myself, my family, and my school.

I will graduate prepared for college or the career of my choice.

Together We Can-Whatever It Takes-No Excuses!

An Environment of Success – At Sharpstown High School every student will be inspired to develop academically, ethically, physically, and socially with the tools and knowledge needed for college and career readiness.

Collaboration for Success – All spaces encourage the academic community (teachers/students, students/students, teachers/teachers, parents/teachers/students) to work collaboratively to facilitate a culture of high expectations. Physical space for both instruction and practice replicates real-life, professional settings.

Community Involvement for Success – Sharpstown High School is more than just a building for students. It's a neighborhood institution whose physical structure and open concepts offer opportunity and availability to the greater Houston community.

Safety Allows for Success – Sharpstown will have an open visible environment with a logical flow.



Executive Summary

Overview:

College and career readiness is a key priority for HISD and by working closely with college partners and area businesses the students are prepared for post-secondary success. They participate in rigorous core academic courses as well as specialized courses in career-focused areas that integrate learning and work world experiences. The 2012 bond program is grounded by the promise to provide 21st century learning environments for our students.

This Educational Specification evolved through a collaborative process with each school and its Project Advisory Team (PAT). It was developed by exploring program requirements of High Schools with consideration for extensive flexibility to address multiple approaches to the delivery of education with evolving pedagogies. Since new and renovated buildings are expected to serve multiple generations of learners, spaces must be planned to respond to changing program delivery strategies over time without “bricks and mortar” changes to the building. This educational specification has been prepared to provide spaces in a variety of sizes, interior zoning to enhance after-hours use, and a rich infrastructure to support current and emerging approaches to educational program delivery.

Educational Program Delivery:

There is an emerging body of research that links student performance with school facilities. One leading study makes the following points:

- Design components and features have a measurable influence on student learning. Deficiencies in thermal comfort, acoustics, and lighting are particularly significant.
- Overcrowding has a negative impact on learning.
- There is a strong positive relationship between overall building condition and student achievement.
- Substandard facilities have a negative impact on teacher effectiveness and performance and consequently impact student performance. (Earthman 2002)

One of the important concepts in education is the philosophy of differentiation. Differentiation calls for students to be taught in the way that is most likely to be effective considering their individual readiness and styles of learning. Standards are “what” is taught. Differentiation can be “how” standards are taught. Howard Gardner’s theories of multiple intelligences have helped us understand the variety of ways in which we all learn. They are illustrated in the table on the following page.





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Eight Ways of Learning:

<i>Children who are highly:</i>	<i>Think</i>	<i>Love</i>	<i>Need</i>
Linguistic	in words	reading, writing, telling stories, playing word games	books, tapes, writing tools, paper, diaries, dialogue, discussion, debate, stories
Logical-Mathematical	by reasoning	experimenting, questioning, figuring out logical puzzles, calculating	materials to experiment with, science materials, manipulatives, trips to the planetarium and science museum
Spatial	in images and pictures	designing, drawing, visualizing, doodling	art, LEGOs, video, movies, slides, imagination games, mazes, puzzles, illustrated books, trips to art museums
Bodily-Kinesthetic	through somatic sensations	dancing, running, jumping, building, touching, gesturing	role play, drama, movement, things to build, sports and physical games, tactile experiences, hands-on learning
Musical	via rhythms and melodies	singing, whistling, humming, tapping feet and hands, listening	sing-along time, trips to concerts, music playing at home and school, musical instruments
Interpersonal	by bouncing ideas off other people	leading, organizing, relating, manipulating, mediating, partying	friends, group games, social gatherings, community events, clubs, mentors/apprenticeships
Intrapersonal	in relation to their needs, feelings, and goals	setting goals, meditating, dreaming, planning, reflecting	secret places, time alone, self-paced projects, choices
Naturalist	through nature and natural forms	playing with pets, gardening, investigating nature, raising animals, caring for planet earth	access to nature, opportunities for interacting with animals, tools for investigating nature (e.g., magnifying glass, binoculars)

(Armstrong, Thomas. Multiple Intelligences in the Classroom, 2nd Edition. Chapter 3. Describing Intelligences in Students. 2000.)

What this tells us about the school building is that the facility must be planned to provide a variety of experiences to insure optimal learning opportunities for each student. Space and furnishings should be flexible to accommodate whole group instruction as well as individual and group space. Connections, where possible, to the outdoors are important for active learning and science projects.

Technology

Technology is an essential tool for learning in today's schools. Computers are used for instruction in the core subjects as well as word processing, data analysis, and





presentation development. Computers and projection devices are found in classrooms as well as labs. HISD has embarked upon a program that will lead to each student having their own laptop or tablet. All spaces in the facility must be designed to support this 1:1 initiative.

Flexibility

21st century schools should be organized to have the flexibility to embrace multiple program delivery systems. This may include: self-contained learning centers, team teaching, thematic instruction and/or departmental organization. The buildings must be flexible enough that from year to year the users of the building have the ability to alter the instructional methodology. Additionally, the learning environments must also be flexible enough that from period to period they can appeal to each learner.

Flexibility is addressed in this educational program through providing:

- Spaces in a variety of sizes that can be configured and re-configured in multiple layouts.
- Learning Centers with similar configurations and with as little fixed cabinetry as possible to allow for many configurations.
- Spaces such as the Learning Commons, Dining Commons, and Gymnasium that will be located to allow for after-hours access without disturbing the entire building.
- Finishes on the floors, walls, and, ceilings, that are easy to clean and allow for maximum personalization of the space.
- Furnishings that are flexible, durable, and easy to move, so the spaces can respond to a dynamic educational program.

Organization

At the High School level, spaces are increasingly organized in houses, schools-within-schools or small learning communities. Essentially these concepts are similar. They all include learning centers and teacher support areas located together with Special Education, Career and Technical Education (CTE) and Administration, creating personalized, smaller Neighborhoods within the larger facility.

Learning Centers

The focus for all disciplines with this Ed Spec is to create flexible and dynamic learning centers that support 21st century learning for whole group, small group, and individuals. Addressing the needs of all learners requires that learning be experiential and hands-on.

Each learning space should have as much moveable (rather than fixed) furniture and equipment as possible. Tables, chairs, moveable storage, and wireless technology, will support flexible configuration during the current school day and year and many different configurations as educational program delivery evolves over time.

Science Learning Centers/Wet Labs will have perimeter counters and sinks with tables that can be configured for individual activities, small group clusters, lab stations or moved back to the edges of the room for experimentation that requires free movement. Each Science Learning Center/Wet Lab will contain a sink for every 4 students and a demonstration table for teacher demonstration of experiments.





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A variety of spaces have been included to support non-core academic learning. Learning Centers for visual and performing arts, world language, CTE, and physical education will be configured to provide maximum flexibility through the use of moveable furnishing, fixtures, and equipment with acoustic control, plumbing, etc. to support the intended primary user.

Program Area Overview

Administration/Guidance

Immediately upon entry, visitors will be greeted in the administration “welcome area.” Offices may include the Principal, support staff, guidance and health services. These spaces should be located in a centralized area at the main entrance of the school to provide a controlled access point during the school day.

The front entry lobby should be welcoming and inviting for students, staff, and visitors. However, to address security concerns, a security vestibule will be provided. In order to gain access to the facility, a visitor will pass through the vestibule directly into the main administrative reception area before being allowed into the school.

Neighborhoods

The basic organizational unit for this school will be the neighborhood, consisting of general-purpose learning centers, teachers’ work center, small group rooms, extended teaching area, and science learning centers/wet labs. The neighborhood concept accommodates a variety of instructional strategies and student-grouping approaches. This concept also provides a learning environment that is characterized by flexibility, a sense of community for the students and teachers working and a safe/well-supervised environment. Teachers will have the option and flexibility within a cluster to create and organize learning environments that work for students and their learning styles.

The neighborhoods can be organized based on individual grade levels, multi-grade groupings, or departmental groupings. The learning communities should be located near the Media Center and away from noisy spaces such as the Gymnasium and Cafeteria. Special attention should be given to accessibility of all educational and support spaces and an integrated learning program.

Learning Commons

The Learning Commons serves a dual role. Its traditional role is a library and a place to conduct research. Its new role is to serve as a technology and information base center. In this new role, it houses a transparent voice/video/data network, that runs throughout the entire building. This area is changing from a “depository of books” to a “technology information center.” It is not projected that the library functions will discontinue; rather digital technology will enhance voice, video, and data communications within the school, among district facilities, and with distance learning resources. To that end, a portion of the Learning Commons will be included in each Neighborhood as an Extended Learning Area for electronic research, project collaboration, etc.



Visual Arts

The Visual Arts Learning Center will be configured to support both 2-dimensional activities and 3-dimensional creations. Space will be provided both within the classroom and in a connecting storage room for access to materials and storage of student work-in-progress. Configuration will provide as much display space as possible to showcase student work within the room and in display cases visible from the corridor. The connecting kiln room will provide an area to store work waiting to be fired as well as safe control and ventilation for the kiln.

Performing Arts

Design, flexibility, and acoustics should be especially considered when planning these spaces. The Instrumental Music, Theatre, Dance and Performance square footage will be grouped together. Storage areas, practice rooms, and teacher areas will connect with the larger space and be shared when feasible.

Physical Education

A variety of indoor and outdoor areas are required to support school physical education programs. Outdoor physical education teaching areas should be located near the indoor gymnasium. Physical education facilities should be designed and constructed with a focus on community use during non-school hours, since there is a high demand for both indoor and outdoor facilities. This will be accomplished by locating an entrance near the gym with lockable doors to control access to the rest of the building.

Food Services

The Dining Commons is planned as a flexible room that can accommodate student dining, meetings, and other events. The serving area will be designed as a food court. Movement among the various activities, i.e. hand washing queuing for serving, and exiting, will be planned for ease of movement.

Building Support – Corridors and Common Spaces

Extensive display areas should be provided for two-dimensional and three-dimensional student work and awards. Finishes should be durable and easy to maintain. The scale of all spaces must be student friendly. Colors, artificial lighting, and natural day-lighting should be artfully managed to create an environment that communicates that school is a very special place.

Technology

The facility should contain the latest in technology and be wired and wireless for voice, video and data throughout the building. The program design is intended to bring information to each student, and computer technology will be available in each space. HISD is in the early stages of an initiative which when completed will provide each learner with a laptop or tablet. It is intended therefore that access to technology will be seamless and pervasive throughout the building.





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Accessibility

The entire facility must be universally accessible. This should be accomplished through judicious use of ramping and elevators where necessary, sufficient internal clearances for circulation, convenient bus/van loading and unloading, and nearby handicapped parking spaces. All elements of the Americans with Disabilities Act must be complied with, including way-finding and signage, appropriate use of textures, etc.

Aesthetics

Constructing the indoor and outdoor structures and spaces where students go to school today must meet many challenges and expectations. Interior and exterior aesthetics should reflect the high academic aspirations of the school. It should have community visibility and presence.

Creating a community landmark will establish a recognizable identity that will instill pride in students and community and also express the value that the community has for its children. Areas within the school should be developed to have clear organization and internal identity.

The facility should be inviting to students, making them feel that the space is special, and therefore make it clear that each person is special. Aesthetics that affirm the value of the individual must be emphasized, with spaces for the admiration of the accomplishments of self and others. The school should support academic success, high self-esteem, social interaction, and physical safety. The facility layout should be especially easy to comprehend and reflect how spaces relate to one another. Easily supervised areas should be provided for positive socialization among students and with teachers.

Flexibility

Facilities should be constructed in a manner in which change and flexibility is the norm, not the exception. Building materials, systems, and furniture should be selected to support these concepts as well.

Indoor and Outdoor Learning Environments

By rethinking all spaces, better use of the facilities and site can occur. One way to accomplish this is to use windows and outside areas to make rooms “feel” larger as well as utilizing outdoor areas for teaching environments. All grade level learning centers must have windows to the exterior.

Common and shared use areas should be considered to provide spaces for positive interaction and orientation within the school. All learning environments should be developed to foster a sense of belonging and pride. The use of the building system/design as an actual teaching model and example of technology and environmentally conscious design should be considered. Creativity and functionality should work hand in hand



CAPACITY MODEL & SPACE REQUIREMENTS



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SHARPSTOWN HIGH SCHOOL – June 3, 2014

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Capacity Model

	# Teaching Stations	Students per Teaching Station	Building Capacity	% Utilization	Program Capacity
Learning Center (English, Math, Social Studies, World Language, ESOL, Health)	35	28	980	85%	833
Science WetLab	9	28	252	85%	214
Special Education Learning Center	6	10	60	85%	51
Leadership Service Magnet	2	28	56	85%	48
CTE - Health Sciences - Technology	1	28	28	85%	24
CTE - Digital Media (Broadcast Media Studio)	1	28	28	85%	24
CTE - FIN-ACC	1	28	28	85%	24
CTE - PIT - Principles of Information Technology	1	28	28	85%	24
Junior ROTC	2	28	56	85%	48
Visual Arts Wet Lab	2	28	56	85%	48
Instrumental Music Learning Center	1	28	28	85%	24
Theater Learning Center	1	28	28	85%	24
Dance Learning Center	1	28	28	85%	24
Gymnasium (Main Gymnasium counts as 2 teaching stations)	2	32	64	85%	54
Auxiliary Gymnasium	1	32	32	85%	27
Total	66		1,752		1,489





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Space Requirements Summary

HISD Sharpstown High School Space Requirements Summary		
	Teaching Stations	Total
Core Academic Area	50	61,807
Career & Technical Education	5	8,830
Visual Arts	2	2,689
Performing Arts	4	17,470
Physical Education/Athletics	3	28,777
Junior ROTC	2	2,935
Welcome Center/Administration Space Requirements		12,215
Food Service Space Requirements		13,885
Child Care Center		1,455
Custodial/Maintenance Space Requirements		2,495
Total Net	66	152,558
Building Support	38%	57,972
Total Gross		210,530



Space Requirements

Neighborhoods	Teaching Station(s)	Quantity	Square Feet	Net Area
Learning Center	35	35	850	29,750
Wet Lab	9	9	1,650	14,850
Wet Lab Storage		8	92	736
Flex Lab - (Grad Lab/T wilight)		2	1,000	2,000
Learning Commons/Information Center				
Learning Commons-Reading/Instructional Area		1	2,117	2,117
Learning Commons - Circulation		1	3,175	3,175
Learning Commons/Information Center Storage		1	1,764	1,764
Special Education Learning Center	5	5	850	4,250
Restroom/Changing Room/Storage		3	125	375
Life Skills Room	1	1	900	900
Kitchen		1	90	90
Small Group Room		6	150	900
Storage		6	150	900
Total	50			61,807

Career and Technology Education - Leadership Service	Teaching Station(s)	Quantity	Square Feet	Net Area
Leadership Service Magnet	1	2	775	1,550
Storage		1	180	180
Lecture Hall (150 seats)	0	1	2,000	2,000
Stage/Lectern		1	65	65
Storage		1	200	200
CTE - Health Sciences - Technology	1	1	990	990
Storage		1	250	250
CTE - Digital Media /Broadcast Studio	1	1	870	870
Edit Room		1	215	215
Control Room		1	140	140
Storage (Equipment)		1	250	250
Storage (Prop)		1	250	250
CTE - Principles of Information Technology	1	1	845	845
Storage		1	180	180
CTE - FIN Acct	1	1	845	845
Total	5			8,830

Visual Arts	Teaching Station(s)	Quantity	Square Feet	Net Area
Visual Arts Wet Lab	2	2	1,188	2,376
Kiln Room		1	88	88
Storage Room		1	225	225
Total	2			2,689





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Performing Arts	Teaching Station(s)	Quantity	Square Feet	Net Area
Instrumental Music Learning Center	1	1	1,980	1,980
Instrument Storage		1	200	200
Uniform/General Storage		2	105	210
Music Storage/Library		1	150	150
Practice Room		3	55	165
Theater/Black Box Learning Center	1	1	1,400	1,400
Shared Workroom		1	250	250
Shared Ensemble Room		1	300	300
Auditorium				
Auditorium, Seating Area for 500	1	1	5,170	5,170
Auditorium, Control Room		1	175	175
Auditorium, Audio/Sound Room		1	65	65
Auditorium, Stage		1	1,950	1,950
Auditorium, Lobby		1	1,200	1,200
Auditorium, Tickets		1	80	80
Auditorium, Concessions		1	250	250
Auditorium, Set Construction		1	395	395
Auditorium, Set storage		1	300	300
Auditorium, Costume and prop storage		1	250	250
Auditorium, Dressing room/restroom		2	280	560
Dance - Drill Team				
Dance Room	1	1	1,350	1,350
Dance - Prop Storage		1	350	350
Dance - Uniform Storage		1	150	150
Dance Locker Room		2	285	570
Total	4			17,470

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Physical Education/Athletics	Teaching Station(s)	Quantity	Square Feet	Net Area
PE/Athletics Lobby		1	1,065	1,065
Gymnasium (seating for 1/2 of program capacity of school)	2	1	10,500	10,500
Auxiliary Gymnasium (seating for 250)	1	1	7,500	7,500
Weight Room		1	1,065	1,065
Boys' Athletic Locker Room		1	1,245	1,245
Girls' Athletic Locker Room		1	977	977
Boys/Girls' PE Locker Room		2	880	1,760
Toilets/Showers		2	500	1,000
Adult Toilet/Shower/Locker		4	125	500
Athletic Director (Office C)		1	180	180
Office (shared)		2	300	600
Training Room		1	370	370
Laundry		1	150	150
Storage Closet		1	25	25
PE Equipment Storage		1	500	500
Tickets		1	75	75
Concessions		1	150	150
Gym Storage		1	115	115
Athletic Equipment Storage		1	1,000	1,000
Total		3		28,777

Junior ROTC (Army)	Teaching Station(s)	Quantity	Square Feet	Net Area
JROTC - Army				
Learning Center - Large	1	1	1,150	1,150
Learning Center - Small	1	1	850	850
Arms Storage		1	30	30
Chair, table, target, storage		1	320	320
Uniform, drill team, color guard storage		1	305	305
Instructors Center		1	165	165
Small Group collaboration area		1	115	115
Total		2		2,935

Child Care Center	Required Spaces			
	Teaching Stations	Quantity	Square Feet	Net Area
Kitchen/Storage		1	200	200
Student Restroom		2	70	140
Staff Restroom		1	70	70
New Mother's Room		1	80	80
Infant Room		1	450	450
Toddler/Preschool Learning Center		1	515	515
Total		0		1,455





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Administration/Guidance	Teaching Station	Qty	SF	Net Area
Administration				
Reception, Administration		1	490	490
Office A		4	105	420
Office C (Principal + Private RR)		1	350	350
Office B (AP)		6	125	750
AP Reception/Waiting		6	100	600
Conference Room, Main to Principal's Off)		1	275	275
Conference Room, Small		1	180	180
Conference Room, Small		1	150	150
Storage - Testing		1	135	135
Parent Outreach Center		1	450	450
Storage		2	80	160
Health Clinic				
Reception/Waiting		1	100	100
Office A		1	125	125
Restroom		2	60	120
Guidance/Student Services				
Reception, Guidance		1	285	285
Office B (Attendance, Registrar, Counselor)		5	125	625
Conference Room, Small		1	150	150
Records/File Room		1	230	230
Administration/Guidance Workroom/Break Room		0	300	0
Shared				
Professional Development/Data Center		1	350	350
Office B (Itinerant)		3	125	375
Office A (Security)		1	130	130
Teacher Work Area		4	750	3,000
Teacher Conf Area		4	140	560
Teacher Copy Area		4	95	380
Breakroom		4	265	1,060
Multi-use/Community Room		1	315	315
Total		0		12,215

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Food Service	Teaching Station(s)	Quantity	Square Feet	Net Area
Kitchen Preparation Area		1	1,450	1,450
Serving Area		1	1,435	1,435
Dry Storage		1	325	325
Freezer		1	210	210
Cooler		1	120	120
Kitchen Manager's Office		1	85	85
Laundry/Custodial Area		1	70	70
Locker Room/Restroom		1	160	160
Student Dining Commons (seating for 1/3 of students at one time plus 200 for dining)		1	8,500	8,500
Stage		1	1,200	1,200
Control Room		1	100	100
Dining Commons/Mall Storage		2	115	230
Total	0			13,885

Custodial Maintenance	Teaching Station(s)	Quantity	Square Feet	Net Area
Receiving Entry		1	150	150
Office, Plant Engineer		1	85	85
Custodial/Maintenance Storage		1	250	250
Supply Storage		1	350	350
Locker Room		1	70	70
Computer Repair (with transaction counter)		1	850	850
IT Support		1	150	150
School Bus Office		1	100	100
Custodial Closet		7	70	490
Total	0			2,495





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SITE



Site

Space Requirements

Overview

Attractive, functional buildings placed on adequate grounds in an appropriately landscaped environment help to create in students an appreciation for schools and in adults an added civic interest and respect for the dignity of education. Site planning is based on a thorough analysis of the site, determination of human needs, determination of requirements for other uses, sustainability and provision for transportation, communications and utilities. Site planning is the first opportunity for incorporating the four principles of Crime Prevention through Environmental Design (CPTED):

- Natural Surveillance
- Natural Access Control
- Territorial Reinforcement
- Maintenance

In many communities, school facilities are frequently used for purposes other than those directly related to the learning activities of students; such as adult education, public assembly, recreation, election polling places, meetings that require food services, etc. There is a trend toward increasing this multi-use function of school facilities. Some schools are now being built as a part of a larger complex of community service facilities: recreation grounds and parks, health and social services centers, libraries and cultural centers.

On-site school traffic includes: buses, commercial vans, cars and bicycles transporting students, parents, staff and visitors to and from school, car and bus parking, service and delivery vehicles, and pedestrians entering, exiting and accessing site facilities. This traffic must be managed safely and efficiently so that it supports the school's mission and traffic management does not become a burden to the staff.

Outdoor recreational facilities will accommodate the physical education program, field exercises in academic programs such as science and art, unstructured play and social events such as picnics and carnivals. Group sizes will range from school wide events such as field days, to whole class grouping, small groups and individuals.

To manage transitional capacity the school system has elected to utilize temporary classroom units (T-Buildings). In planning new school construction and in site planning on existing campuses, space should be identified to site six of these units and accommodations made for their future utility hookups.



Design Considerations

- The outdoor playing fields shall accommodate the physical education program, athletics, and outdoor learning activities.
- As sites are identified, the opportunity for cooperative efforts such as buying adjacent land and master planning together with community groups should be explored.
- In developing a Campus Master Plan, consideration should be given to:
 - Future enhancements such as amphitheaters, picnic tables, nature trails, gardens for vegetables, wildflowers, and butterflies; wildlife habitats, sundials, etc.
 - Fire lane with access to all areas of the campus with special attention paid to allowing trucks to access the cafeteria, bus and parent drop off areas as these are the usual locations of fires. However, fire truck access to buildings must not be compromised during drop-off and pick-up times. Therefore, provide a 20' access way at critical points so the parents' vehicle queue will not interfere with emergency access to the building.
 - Security of life and property when designing the exterior lighting system. Consider placement of utility stub outs for lights which may be installed by community user groups.
 - Ways in which the community may use and upgrade the facilities. For schools these improvements may include stub outs for athletic field lighting (include baseball and softball fields). For schools/parks these improvements may include public restrooms/concession area/storage, spectator control access/storage, score boards & warm-up areas.
- Consider context and surrounding community circulation when planning site.
- Vehicular and pedestrian traffic should be separated.
- Site Master Plan should include covered walkways to bus and/or car loading/unloading areas.
- Coordinate traffic pattern so that students will not have to cross driveways or parking areas in route to outdoor play fields.
- Separate vehicular traffic as much as site and local governing bodies will allow.
- Allow for separate entrances/exits for bus traffic, car queuing and car parking. If separate roadway accesses are not possible separate traffic as soon as feasible on-site.
- The daily school schedule for arrival and dismissal, and occasional events, including large group assemblies and special events should be considered in the design of traffic patterns.
- Make all outdoor facilities ADA accessible.
- Allow for sufficient buffer space for safety when siting outdoor playing fields. Preservation of the natural environment and outdoor spaces for science and arts is desirable.
- Consider making provisions for shade and potential assembly areas.
- Design to allow for future upgrades, if possible.
- Consider safety and social zones of activity.
- Parking lots should be distant from foul ball territory.
- Screen noise producing areas from instructional areas.

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- Campus Master Plan should indicate fire lane with access to all areas of the campus. This shall not be a paved road. It is critical that the school building not be encircled by vehicle circulation.
- Determine which development standards will be required, as these may have different requirements.
- In planning fields include fencing such as backstops, outfield, dugouts, temporary fencing with the thought of providing multiple use of athletic fields.
- See Design Guidelines concerning irrigation.
- Follow standards published by National Federation of State High School Associates for guide to proper athletic field orientation, sizes and markings:
National Federation of State High School Associations
PO Box 361246
Indianapolis, IN 46236-5324
1-800-776-3462





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Site

Future T-Buildings Area

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Faculty/staff 	<ul style="list-style-type: none"> • Generally square area to accommodate six (6) temporary buildings.
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • When identifying the location, consider proximity of group toilets and other core facilities such as Learning Commons/Information Center, Food Service, etc. • When identifying the location, consider access to the area for transporting the buildings to and from the site. • Students moving to and from permanent buildings should not cross vehicular traffic. • Do not use areas programmed for other uses for temporary buildings. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Provide underground conduit and stub ups from the nearest power panel in the main building for future electrical connections. This panel should be provided with the required extra capacity. • Provide underground conduit and stub ups for future data connections. 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



Site

Service Court/Access Drive/Dumpster

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Maintenance Staff • Custodial Staff • Food Service Staff 	<ul style="list-style-type: none"> • School deliveries • Waste disposal bins (dumpsters) • Meeting with parents, students and other visitors • Placing phone calls
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate in close proximity to Receiving Entry and Food Service • Area should be sited or shielded so that a visual screen is created • Consider turning radii and path of delivery vehicles • Provide drains at waste disposal bins 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Screening 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 3 Waste Bins (dumpsters) • 1 Recycling Bin (dumpster) 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Site

Bus Loop/Parking/Staging

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Staff • Teachers • Students • Parents 	<ul style="list-style-type: none"> • Entry, exit and staging of up to 16 buses • Overnight parking for up to 6 buses/daytime parking for driver's personal vehicles
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • The designated loading zone shall provide a minimum of 60 inches wide by 240 inches long clear floor area adjacent to the vehicle pull-up space with the long dimension parallel to the vehicle direction of travel. • Locate in close proximity to the main entrance, preferably near large assembly area within the school building and as a second priority, outdoor play area. • Provide a convenient, covered, accessible loading area for buses that is closer to the school than the car loading area (with the exception of special needs children). • Consider the turning radii of buses so that buses can discharge and pickup students without having to cross roadways or back up. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



Site

Car Parking

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Parents • Students (High School) • Community members • Faculty/Staff 	<ul style="list-style-type: none"> • Provide parking as required by code or as noted below, whichever is greater • Parking for School Faculty and Staff plus 10% • Parking for Guests – provide spaces equal to 1% of the student capacity or 10 spaces whichever is greater. • Student parking at High Schools will likely not be possible due to the constraints of the site.
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Separate car parking from bus traffic and car drop-off/pickup • Car drop-off/pickup should not interfere with traffic flow to car parking • Locate staff/visitor parking at the front of the building to promote and identify the front entrance as well as for visual surveillance from Administration. • Provide convenient preferred parking spaces for low emission vehicles and those with special needs however, all other parking spaces should be located far enough away from the school that it is clear that priority is given to walkers, bikers, playgrounds and open space • Locate 15 of the staff spaces near the Service Court for use by the Maintenance, Custodial and Food Service Staff 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Consecutively numbered spaces • “Visitor” spaces • 6 “Reserved” spaces 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Site

Car Staging/Access

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Parents/Students 	<ul style="list-style-type: none"> Safely discharge and pick-up students from private vehicles
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> The designated loading zone shall provide a minimum of 60 inches wide by 240 inches long clear floor area adjacent to the vehicle pull-up space with the long dimension parallel to the vehicle direction of travel. Locate near the main entrance but so as not to interfere with bus loading. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	





Site

Pedestrian Circulation

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Staff/Faculty • Parents • Students • Community 	<ul style="list-style-type: none"> • Safe and secure passage from parking/access areas to the school's indoor facilities (including T-Buildings if any) and to the outdoor facilities including all athletic facilities
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide permanent walkways where anticipated foot traffic would destroy vegetation or where required for ADA compliant access • Provide minimum 10'-0" wide walkways to and at Bus Staging • Provide minimum 6'-0" wide walkways to and at Car Staging 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Site

Football/Soccer/Track (Existing to Remain)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Faculty • PE Students • Athletic Teams • Community 	<ul style="list-style-type: none"> • Competing (Athletics) • Practicing (Athletics) • Physical Education classes
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide a 225' x 360' layout for soccer and a 160'x360' layout for football all within a 400 meter, 8 lane track. As closely as possible, align the football/soccer field along a NW/SE axis. Additionally, provide for separate high jump, long jump, triple jump, pole vault, shot put and discus. Locate so that landing areas for shot put and discus are not on the football/soccer field. • Provide space for future bleachers, concession/ticket stand, and scoreboard. • Provide 4'-0" high perimeter fencing around the track. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Permanently installed apparatus/infrastructure: <ul style="list-style-type: none"> • Banked track with two straight runs and two semicircular ends. The length of the straight sections and the curves shall be equal. A curb at grade shall mark the inner limits of the track. The curb shall be cut at regular intervals to allow for drainage. Track shall be rubberized with markings for: <ol style="list-style-type: none"> a. 100 meter, straight start b. 200 meter, straight start c. 400 meter, curved start d. 800 meter, curved start e. 1600 meter, curved start f. 3200 meter, waterfall start g. 4 x 100 meter relay, staggered start plus exchange zone h. 4 x 200 meter relay, stagger start plus exchange zone i. 3200 meter relay, waterfall start plus exchange zone j. 100 meter hurdles, straight start k. 110 meter hurdles, straight start on apron l. 300 meter intermediate hurdles, one curve staggered start • Rubberized runway, planting box, and landing pad space for pole vault • Rubberized runway and sandpit for long jump • Rubberized runway and sand pit for triple jump • Rubberized apron for high jump • Concrete throwing circle and cage for discus • Concrete putting circle for shot put. • Turtlebacked field with gooseneck goal posts for football • Electrical stub outs from main facility for scoreboards and field lighting • Underground drainage system with catch basins located outside of activity areas for safety of players. • Irrigation system 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Pole vault landing pad • Soccer goals 	





Site

Baseball (Existing to Remain)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Faculty • Athletic Teams • Community 	<ul style="list-style-type: none"> • Competing (Athletics) • Practicing (Athletics)
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide 6'-0" high perimeter fencing and 12'-0" high backstop fencing with 6'-0" foul ball screen set at 45 degrees on top • Provide fencing for the "dugout" • Include in planning future bleachers, adjacency to football/track concession stand, ticket booth, restrooms 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Permanently installed apparatus/infrastructure • Electrical stub outs from main facility for scoreboards • Irrigation system for outfield, quick connects for infield 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Site

Softball (Existing to Remain)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students (PE) • Faculty • Athletic Teams • Community 	<ul style="list-style-type: none"> • Learning the fundamentals of softball (PE) • Competing • Practicing
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate for ease of access for PE classes • Provide playing field for fast-pitched play • Provide 6'-0" high perimeter fencing and 12'-0" high backstop fencing with 6'-0" foul ball screen set at 45 degrees on top • Provide fencing for the "dugout" • Include in site plan space for future bleachers adjacent to football/track concession stand, ticket booth, restrooms 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Permanently installed apparatus/infrastructure • Electrical stub outs from main facility for scoreboard • Irrigation system 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



Site

Playing/Practice Fields (Existing to Remain)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students (PE) • Faculty • Athletic Teams • Community 	<ul style="list-style-type: none"> • PE Classes • Athletic practices •
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide 3 fields (existing) • Each field to be approximately 160' x 360' • Fields should be relatively level but sloped to drain without need of underground drainage • Locate for ease of access for PE classes • Irrigation system for outfield 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Site

Basketball

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students (PE) • Faculty • Athletic Teams • Community 	<ul style="list-style-type: none"> • Learning the fundamentals of basketball • Practicing • Exercising
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide 1 full basketball court on concrete surface with marking and 4 permanent goals • Locate for ease of access for PE classes 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Basketball court, markings and goal 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



Site

General

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Parents • Students • Community members • Faculty/staff 	<ul style="list-style-type: none"> • Access to school and its facilities
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • All exterior signage, fencing, and railings should be included in design documents • Site lighting • Flagpole should be located near the main entrance with a paved walkway to it • Bike racks should be located to promote their use • Fixed landscape equipment (i.e. trash cans, seating benches etc.) should be included in design documents 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Marquee sign, directional and traffic Signage, fencing and railings • Site lighting • Flagpole • Bike Racks • Landscaping • Irrigation system at front entrance 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Flags 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL





NEIGHBORHOODS



HISD EDUCATIONAL SPECIFICATIONS
SHARPSTOWN HIGH SCHOOL – June 3, 2014

CONSTRUCTION AND FACILITY SERVICES
FACILITIES PLANNING





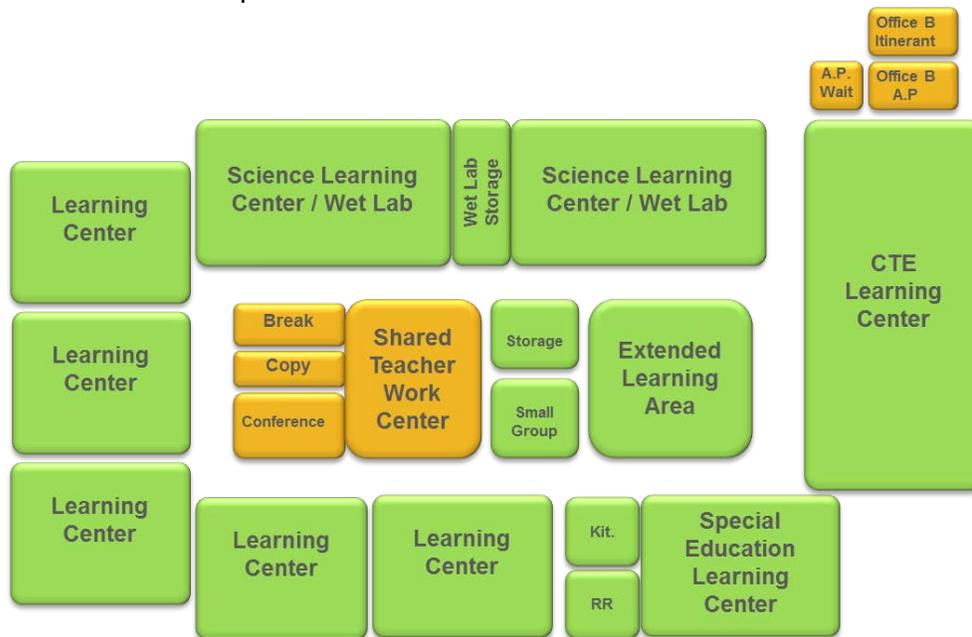
Neighborhoods

Overview:

Core academic requirements for all children are mandated by state and federal law. HISD's promise is to provide 21st Century learning environments, accordingly, the facilities shall:

- Meet the state and federal requirements
- Be safe and conducive to learning
- Create life-long learners
- Create an environment conducive to teacher retention
- Provide for flexibility of course offerings within core academic subject areas
- Accommodate interdisciplinary learning
- Accommodate multiple intelligences and varied learning styles
- Provide effective space for collaboration and increased communication
- Provide easy access to teaching resources for anytime, anywhere learning

Each neighborhood will include collaborative spaces for students and faculty, Core Academic Learning Centers, Science (or other flex) Lab space, and a CTE Learning Center. The neighborhoods will be arranged adjacent to common learning areas as well as Assistant Principal's offices.



Legend

- Physical connection
- Visual connection
- Physical and/or acoustic separation

The functional relationships illustrated are diagrammatic only. Further interpretation of these relationships shall be implemented by the Design Team.





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Space Requirements

Neighborhoods	Teaching Station(s)	Quantity	Square Feet	Net Area
Learning Center	35	35	850	29,750
Wet Lab	9	9	1,650	14,850
Wet Lab Storage		8	92	736
Flex Lab - (Grad Lab/Twilight)		2	1,000	2,000
Learning Commons/Information Center				
Learning Commons-Reading/Instructional Area		1	2,117	2,117
Learning Commons - Circulation		1	3,175	3,175
Learning Commons/Information Center Storage		1	1,764	1,764
Special Education Learning Center	5	5	850	4,250
Restroom/Changing Room/Storage		3	125	375
Life Skills Room	1	1	900	900
Kitchen		1	90	90
Small Group Room		6	150	900
Storage		6	150	900
Total	50			61,807



Neighborhoods

Learning Center

<p>USERS:</p> <ul style="list-style-type: none"> • Teachers • 24 - 32 Students 	<p>ACTIVITIES:</p> <ul style="list-style-type: none"> • Mastering the core curriculum • Mastering 21st Century learning skills • Project-based learning • Technology - based instruction • Activities that stimulate inventive thinking, creativity and imagination • Collaborative relationship building • Demonstrations • Working individually, in small groups and in large groups
<p>DESIGN CONSIDERATIONS:</p>	
<ul style="list-style-type: none"> • Operable partitions are permitted in this area. 	
<p>FURNITURE, FIXTURES & EQUIPMENT:</p>	
<p>Contractor Furnished – Contractor Installed</p>	
<ul style="list-style-type: none"> • Blinds for windows • Presentation Wall • 2 flag holders and map hooks • Adjacent or Rear Wall: <ul style="list-style-type: none"> • 4 - 4'x4' Tack Boards (one on each side of 8'x4' Marker Board) • 1 – 8'x4' Marker Board 	
<p>Owner Furnished – Contractor Installed</p>	
<ul style="list-style-type: none"> • None 	
<p>Owner Furnished – Owner Installed</p>	
<ul style="list-style-type: none"> • Presentation Cart • Teacher stool • Student Area: <ul style="list-style-type: none"> • 30 Student tables • 30 Student chairs • 3 computer tables, 30"x60" • 2 tall storage cabinets with adjustable shelving • 3 bookcases (height may be dependent on window sill height), with adjustable shelving • Projector • Clock 	





Neighborhoods

Science Learning Center/Wet Lab

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teacher • Staff/Faculty • Students 	<ul style="list-style-type: none"> • Lecture, labs, computer work • Technology-based instruction • Chemical, physical and biological experimentation • Collaborative relationship building • Working individually, in small groups, and in large groups • Mastering 21st Century learning skills • Project-based learning • Technology-based instruction • Activities that stimulate inventive thinking, creativity and imagination • Collaborative relationship building • Demonstrations
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Emergency utility shut-off • Power and Data in apron of casework • One station in each lab to be handicapped accessible 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds for windows • Presentation Wall: (all items at appropriate height for age group) <ul style="list-style-type: none"> • 2 - 4'x4' Tack Board • 1 – 8'x4' Marker Board • Tack Strips located 12" above marker/tack boards • 2 - flag holders and map hooks • Adjacent or Rear Wall: <ul style="list-style-type: none"> • 4 - 4'x4' Tack Boards (one on each side of 8'x4' Marker Board) • 1 – 8'x4' Marker Board • Casework – Side wall: <ul style="list-style-type: none"> • Sink cabinets and drawer/door cabinets • Drying racks above sinks • Door/shelf cabinets above sinks • Safety station(s) (number determined by code) including eyewash, body drench shower • Goggle cabinet with UV light for disinfecting • Fume hood in 1/3 of Learning Centers/Wet Labs at wall connecting with Prep Room • Fixed science demonstration table with gas and water 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispensers • Soap dispensers 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 8 – 4-person tables with chemical resistant epoxy tops • 32 adjustable height stools • 3 computer tables, 30"x60" • 2 tall storage cabinets with adjustable shelving • 3 bookcases (height may be dependent on window sill height), with adjustable shelving • Shallow drawer cabinet (must accommodate 24" x 46" paper) • Projector • Clock • Large Periodic Table Chart and other large wall charts (provide clear wall space and tack boards to hang additional material) • Water distiller 	



Neighborhoods

Wet Lab Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teacher • Staff/Faculty • Students 	<ul style="list-style-type: none"> • Teacher preparation and clean-up for lab exercises
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • If more than one fume hood, locate to minimize the visual connection from one classroom to another. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Refrigerator/freezer with small ice maker, not self-defrosting so that temperature will be constant • Casework on one wall with chemical resistant countertop, drawer/door base cabinets, and open shelf wall cabinets • Drying rack mounted above sink • Fire rated chemical storage cabinet • Residential dishwasher with permanently attached sign stating: Thoroughly rinse all acid containing items before placing in dishwasher 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 2 tall work stools • Maximum linear feet of 12"D, adjustable height wooden shelving with rim guards on wall facing casework • 36"W x 84"H lockable storage cabinet • Acid base storage cabinet, lockable 	





Neighborhoods

Flex Lab – Grad Lab

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers 36 - 45 Students 	<ul style="list-style-type: none"> Mastering the core curriculum Mastering 21st Century learning skills Project-based learning Technology-based instruction Activities that stimulate inventive thinking, creativity and imagination Collaborative relationship building Demonstrations Working individually, in small groups and in large groups
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Blinds for windows Presentation Wall: <ul style="list-style-type: none"> 2 - 4'x4' Tack Board 1 – 8'x4' Marker Board Tack Strips located 12" above marker/tack boards 2 flag holders and map hooks Adjacent or Rear Wall: <ul style="list-style-type: none"> 4 - 4'x4' Tack Boards (one on each side of 8'x4' Marker Board) 1 – 8'x4' Marker Board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Presentation Cart Stool Student Area: <ul style="list-style-type: none"> 45 Student tables 45 Student chairs 3 computer tables, 30"x60" 2 tall storage cabinets with adjustable shelving 3 bookcases (height may be dependent on window sill height), with adjustable shelving Projector Clock Phone 	



Neighborhoods

Learning Commons/Information Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Faculty • Staff • Community members and parents for after school events 	<ul style="list-style-type: none"> • Learning hub to provide effective using of information and ideas for students and faculty • Circulation of materials and resources in the format of print, digital and multi-media etc. • Reading • Research • Technology based instruction for large group and small group • Provide meeting areas • Processing new media
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Some of this square footage will be used in a centralized location for print materials. Some will be used to create extended learning areas (ELA's) for wireless research. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds for windows • Approximately 6 units of adjustable shelving for books. Locate tall shelving on room perimeter. Shelf units to be no wider than 36". Provide both 60-70"H (on perimeter only) and 42"H units. Perimeter units shall be detailed and coordinated with electrical to provide for outlets in the toe space. 42"H units should be double sided and on large casters. • 8 Tables • 6 computer tables • Printer table • 38 chairs • Display cases with glass shelving for student artwork and other displays. If possible provide at corners where bookcases may meet to avoid wasted space • Circulation desk (modular, not fixed): <ul style="list-style-type: none"> • 2 task chairs • Drawer/door base cabinets & low shelving behind circulation desk with work space for processing • Work station for computer terminals and printer. Provide grommets for wire managements • Multi-level check in/out counter • Book drop-off with depressible book truck • Network capabilities for access to programs and on-line card catalog 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Soft seating: chairs and tables for 10 • Clock 	





Neighborhoods

Learning Commons/Information Center – Extended Learning Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Faculty • Staff • Community members and parents for after school events 	<ul style="list-style-type: none"> • Reading • Research • Technology based instruction for large group and small group • Provide meeting areas
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Some of the square footage for these spaces will be from the Learning Commons/Information Center 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Continuous marker surface on one wall • Blinds for windows 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Tables • Chairs • Soft seating • Clock 	





Neighborhoods

Learning Commons/Information Center – Office/Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Media Specialist • Faculty • Staff 	<ul style="list-style-type: none"> • Paper work • Processing materials • Laminating
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds for windows • Casework: <ul style="list-style-type: none"> • Maximum LF of cabinets on 2 walls, including sink cabinet, drawer/door cabinets and wall-mounted door/shelf cabinets • Center island with large, shallow drawers for posters, drawer/door cabinets, and open shelving • 4'x8' marker board • 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 2 Double pedestal desk with center drawer & lock, 60" x 30" • 2 task chairs, swivel, tilt, armless • 2 tall stools • 3 4-shelf bookcases, 60"h x 36"w x 12"d • 2 4-drawer vertical files, letter size, lockable • Teacher wardrobe cabinet: coat hook, shelving, 2 drawers, lockable • 2 mobile book trucks 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Neighborhoods

Special Education Learning Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • 4-10 students • Teacher • Teacher Aide(s) • Itinerant Staff (Psychologist, Social Worker, Therapist, etc.) 	<ul style="list-style-type: none"> • Project-based learning • Physical therapy (PT) • Occupational therapy (OT) • Social skills activities (appropriate social interaction skills, listening skills, etc.) • Life skills activities (tooth brushing, personal care, career preparation, etc.)
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds for windows • Student Lift and Tracks • Presentation Wall: (all items at appropriate height for age group) <ul style="list-style-type: none"> • 2 - 4'x4' Tack Board • 1 – 8'x4' Marker Board • Tack Strips located 12" above marker/tack boards • 2 flag holders and map hooks • Adjacent or Rear Wall: <ul style="list-style-type: none"> • 4 - 4'x4' Tack Boards (one on each side of 8'x4' Marker Board) • 1 – 8'x4' Marker Board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Teacher package • Student Area <ul style="list-style-type: none"> • 7 open front 18"x24" student desks • 18 student chairs • 1 rectangular table, 30"x60" • 3 computer tables, 30"x48" • 1 half-moon table, 36"x72" • 2 - 18" seat height, 4 leg chairs • 2 tall storage cabinets with adjustable shelving • 3 bookcases (height may be dependent on window sill height), with adjustable shelving • Shallow drawer cabinet (must accommodate 24" x 46" paper) • Projector • Clock 	



Neighborhoods

Special Education – Restroom/Changing Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Teacher • Teacher Aide(s) • Staff 	<ul style="list-style-type: none"> • Personal hygiene • Diapering • Catheterization • Life skills activities (tooth brushing, personal care, career preparation, etc.)
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Wall mounted storage cabinet for changing supplies near changing table • Ceiling tracks for Student Lifts • Mirror above sink in restroom 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser • Toilet paper dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Adjustable height changing table • Mobile student lift 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Neighborhoods

Special Education – Kitchen/Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teacher • Teacher Aide(s) 	<ul style="list-style-type: none"> • Breakfast and lunch preparation • Staging meals before serving • Cleaning equipment
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Refrigerator with ice maker • Casework-handicapped accessible <ul style="list-style-type: none"> • Sink cabinet • Drawer/door base cabinets • Door/shelf wall cabinets 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Maximum linear feet of 18"D, adjustable shelving in storage 	





Neighborhoods

Small Group Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teachers • Students 	<ul style="list-style-type: none"> • Group meetings and work • Individual study • Testing
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 4'x8' marker board • 4'x8' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 6 person table • 6 chairs 	

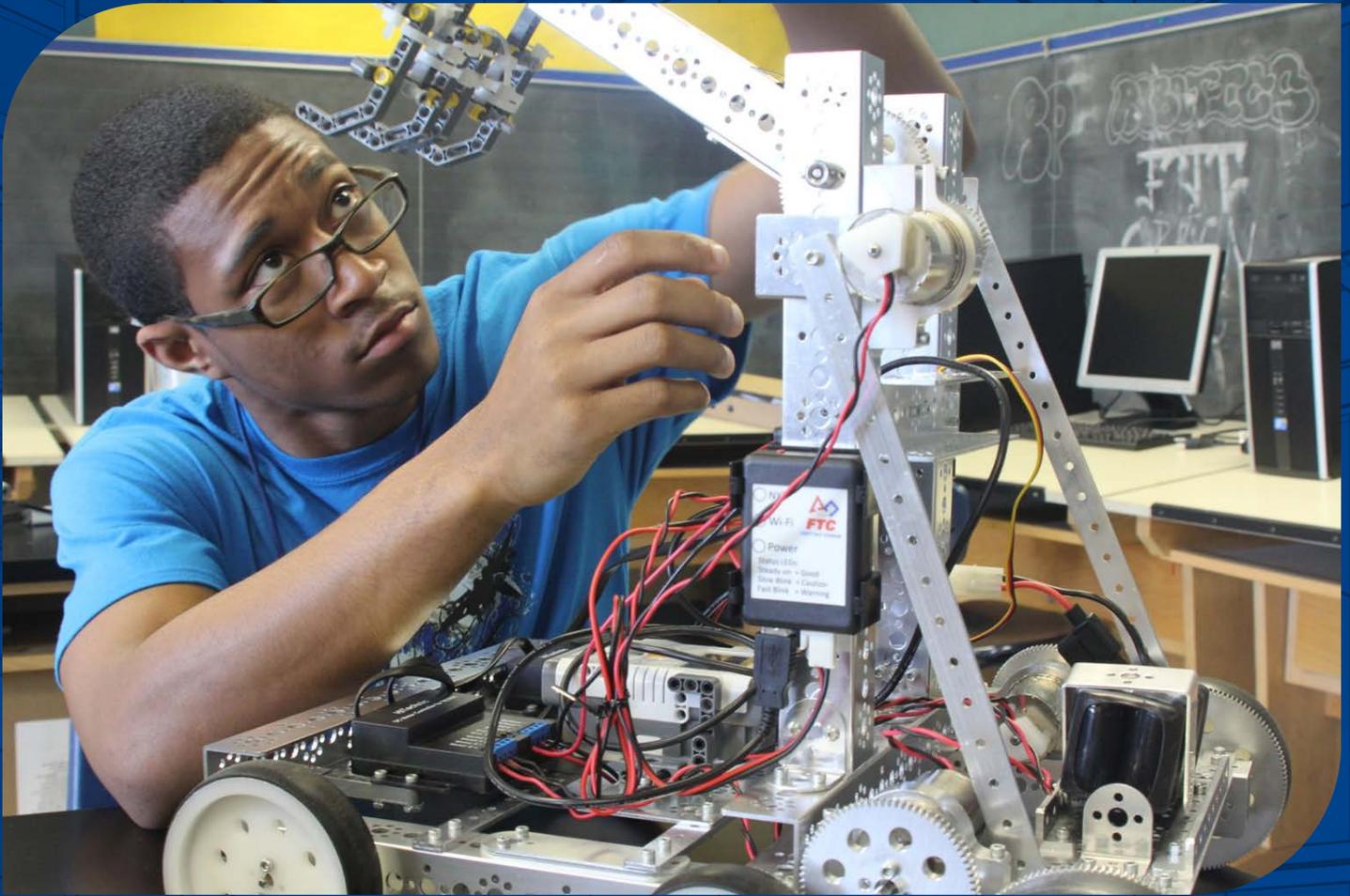




Neighborhoods

Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none">• Faculty• Teachers	<ul style="list-style-type: none">• Storing instructional materials and supplies• Securing and charging mobile computer cart(s)
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none">• None	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none">• 4'x4' tack board	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none">• None	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none">• Maximum LF of heavy-duty 18"D adjustable shelving	



CAREER AND TECHNICAL EDUCATION



HISD EDUCATIONAL SPECIFICATIONS
SHARPSTOWN HIGH SCHOOL – June 3, 2014

CONSTRUCTION AND FACILITY SERVICES
FACILITIES PLANNING





Career and Technical Education

Overview:

College and career readiness is a key priority for HISD and by working closely with college partners and area businesses the students are prepared for post-secondary success. They participate in rigorous core academic courses as well as specialized courses in a career-focused area that integrates learning and provides work world experiences such as internships, job shadowing and work-based learning. CTE program clusters help students organize and prepare for college and their future career by linking both core and elective courses based on commonalities. The program also provides articulated offerings which are part of Tech Prep sequences of courses and are articulated with a specific college and credits can apply toward a four-year degree. The clusters anticipated at this campus are:

Science, Technology, Engineering - Robotics – planning, managing and providing scientific research and professional and technical services including laboratory testing and research & development.

Digital Media (Broadcast Media Studio) – designing, producing, exhibiting, performing, writing and publishing multimedia content including visual and performing arts and design, journalism and entertainment services.

Finance – Accounting – Introduction to general accounting principles.

Principles of Information Technology – design, development, support, and management of hardware, software, multimedia and systems-integration services.

The CTE spaces should be located adjacent to the neighborhoods. This will allow for collaboration with the core academic programs. Additionally, it will provide access to the Extended Learning Area which can be used for small group sessions, presentations, etc.





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Space Requirements

Career and Technology Education - Leadership Service	Teaching Station(s)	Quantity	Square Feet	Net Area
Leadership Service Magnet	1	2	775	1,550
Storage		1	180	180
Lecture Hall (150 seats)	0	1	2,000	2,000
Stage/Lectern		1	65	65
Storage		1	200	200
CTE - Health Sciences - Technology	1	1	990	990
Storage		1	250	250
CTE - Digital Media /Broadcast Studio	1	1	870	870
Edit Room		1	215	215
Control Room		1	140	140
Storage (Equipment)		1	250	250
Storage (Prop)		1	250	250
CTE - Principles of Information Technology	1	1	845	845
Storage		1	180	180
CTE - FIN Acct	1	1	845	845
Total	5			8,830



Career and Technical Education-Health Science Technology

Health Science Technology Learning Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teacher • Staff/Faculty • Students 	<ul style="list-style-type: none"> • Lecture, labs, computer work • Technology-based instruction • Chemical, physical and biological experimentation • Collaborative relationship building • Working individually, in small groups, and in large groups • Mastering 21st Century learning skills • Project-based learning • Technology-based instruction • Activities that stimulate inventive thinking, creativity and imagination • Collaborative relationship building • Demonstrations • Working individually, in small groups and in large groups
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Emergency utility shut-off • Power and Data in apron of casework • One station in each lab to be handicapped accessible 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds for windows • Presentation Wall: (all items at appropriate height for age group) <ul style="list-style-type: none"> • 1 - 4'x4' Tack Board • 1 – 8'x4' Marker Board • Tack Strips located 12" above marker/tack boards • 2 - flag holders and map hooks • Adjacent or Rear Wall: <ul style="list-style-type: none"> • 2 - 4'x4' Tack Boards (one on each side of 8'x4' Marker Board) • 1 – 8'x4' Marker Board • Casework – Side wall: <ul style="list-style-type: none"> • Sink cabinets and drawer/door cabinets • Drying racks above sinks • Door/shelf cabinets above sinks • Safety station(s) (number determined by code) including eyewash, body drench shower • Goggles cabinet with UV light for disinfecting • Fume hood at wall connecting with Storage/Prep Room • Fixed science demonstration table with gas and water • Hand washing sink 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 2 paper towel dispensers • 2 soap dispensers 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 14 – 2-person tables with chemical resistant epoxy tops • 29 adjustable height stools • 3 - computer tables, 30"x60" • 2 tall storage cabinets with adjustable shelving • 3 bookcases (height may be dependent on window sill height), with adjustable shelving • Shallow drawer cabinet (must accommodate 24" x 46" paper) • Projector • Clock • Large Periodic Table Chart and other large wall charts (provide clear wall space and tack boards to hang additional material) 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Career and Technical Education-Health Science

Health Science Storage Room

USERS: <ul style="list-style-type: none">• Teacher• Staff/Faculty• Students	ACTIVITIES: <ul style="list-style-type: none">• Storing materials
DESIGN CONSIDERATIONS: <ul style="list-style-type: none">• Connected to Health Science Learning Center	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none">• None	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none">• Paper towel dispenser• Soap dispenser	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none">• Adjustable Shelving	





Career and Technical Education-Principles of Information Technology

Principles of Information Technology Learning Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers 28 Students 	<ul style="list-style-type: none"> Technology-based instruction Activities that stimulate inventive thinking, creativity and imagination Collaborative relationship building Keyboarding Learning and practicing computer skills and software programs Working individually, in small groups and in large groups
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Provide power and data on the perimeter of the room 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Blinds for windows Presentation Wall: <ul style="list-style-type: none"> 1 - 4'x4' Tack Board 3 – 8'x4' Marker Board Tack Strips located 12" above marker/tack boards 2 flag holders and map hooks 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Presentation Cart (with LCD projector) Teacher stool 12 - two student tables 28 - task chairs Projector mounted on presentation wall adjacent to and at same height as marker board Clock Phone 	





Career and Technical Education-Principles of Information Technology

Principles of Information Technology Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teachers • Students 	<ul style="list-style-type: none"> • Storing materials and supplies
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Directly accessible from Learning Center 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 4'x 4' Tack Board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Adjustable 12" and 18" deep shelving 	



Career and Technical Education-Finance- Accounting

Accounting Learning Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers 28 Students 	<ul style="list-style-type: none"> Technology-based instruction Activities that stimulate inventive thinking, creativity and imagination Collaborative relationship building Keyboarding Learning and practicing computer skills and software programs Working individually, in small groups and in large groups
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Provide power and data on the perimeter of the room 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Blinds for windows Presentation Wall: <ul style="list-style-type: none"> 1 - 4'x4' Tack Board 3 – 8'x4' Marker Board Tack Strips located 12" above marker/tack boards 2 flag holders and map hooks 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Presentation Cart with LCD Projector Teacher stool 14 - two student tables 28 - task chairs Projector mounted on presentation wall adjacent to and at same height as marker board Clock Phone 	





Career and Technical Education-Finance- Accounting

Accounting Storage

USERS: <ul style="list-style-type: none">• Teachers• Students	ACTIVITIES: <ul style="list-style-type: none">• Storing materials and supplies
DESIGN CONSIDERATIONS: <ul style="list-style-type: none">• Directly accessible from Learning Center	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none">• 4'x 4' Tack Board	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none">• None	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none">• Adjustable 12" and 18" deep shelving	



Career and Technical Education-Health Science Leadership Learning Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teachers • 28 Students 	<ul style="list-style-type: none"> • Technology-based instruction • Activities that stimulate inventive thinking, creativity and imagination • Collaborative relationship building • Presentations and public speaking
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds for windows • Presentation Wall: <ul style="list-style-type: none"> • 1 - 4'x4' Tack Board • 1 – 8'x4' Marker Board • Tack Strips located 12" above marker/tack boards • 2 flag holders and map hooks 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Presentation Cart • Teacher stool • Student Area <ul style="list-style-type: none"> • 12 – two student tables • 24 - student chairs • Projector mounted on presentation wall adjacent to and at same height as marker board • Clock 	





Career and Technical Education-Film/Media

Film/Media Studio

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teachers • 24-32 Students 	<ul style="list-style-type: none"> • Technology-based instruction • Video interviews and production • Working individually, in small groups and in large groups
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide power and data on the perimeter of the room • Special lighting controls • Overhead microphones • Window between Control room and studio • Sound proof walls 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Raised platform/stage • Curtains and backdrop (green screen) 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Set furniture (chairs, tables, podium) • 2 tall, lockable, storage cabinets • 2 bookcases with adjustable shelving • Clock 	



Career and Technical Education- Film/Media

Film/Media Studio Control Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teachers • Students 	<ul style="list-style-type: none"> • Teaching studio control procedures and techniques • Recording live studio programs • Video filming and production • Broadcasting
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Directly accessible from Studio, connecting with a large window and a door • Sound proof walls 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 4 directors chairs • Studio control consoles • 4 full-height, heavy-duty adjustable shelving units 	





Career and Technical Education- Film/Media

Film/Media Editing Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teachers • Students 	<ul style="list-style-type: none"> • Computer editing of digital photos and videos • Graphic creation • Scanning • May house main media storage server • Working on portable video projects
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Directly accessible from Studio • Special lighting controls 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 4'x 8' Pegboard for cable storage 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 6 - two student tables • 12 - task chairs 	





Career and Technical Education- Film/Media

Film/Media Equipment Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers Students 	<ul style="list-style-type: none"> Storing parts and supplies related to studio staging, cameras, and lighting Supply storage (DVDs, CDs, flash drives, cameras) Store and charge battery packs
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Directly accessible from Control Room 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> One wall upper and lower lockable cabinets 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Adjustable 12” and 18” deep shelving Lockable file cabinets 	





Career and Technical Education- Film/Media

Film/Media Prop/Set Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers Students 	<ul style="list-style-type: none"> Storing backdrops, staging, and set pieces for studio production Storing small props Storing furniture used in studio
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Directly accessible from Studio 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Adjustable 12” and 18” deep shelving Storage to accommodate 4’x8’ flats 	





Career and Technical Education- Film/Media

Film/Media Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers Students 	<ul style="list-style-type: none"> Storing materials and supplies
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Directly accessible from Control Room 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Adjustable 12” and 18” deep shelving 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Career and Technical Education - Leadership

Lecture Hall

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers Students (150) capacity 	<ul style="list-style-type: none"> Large group meetings and work Guest Lectures Group Instruction Testing
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Design should be in form of college style lecture hall Consider use of retractable lecture seating to allow for multi-purpose use of the space or 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Retractable seating with seatbacks, armrests and flip up writing space 4'x8' marker board 4'x8' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	



Career and Technical Education - Leadership

Lecture Hall – Stage/Lectern

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Faculty 	<ul style="list-style-type: none"> • Small Assemblies • Drama Rehearsals • Dance Rehearsals • Choir Rehearsals
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide some stage/lecture area lighting with control board. • Provide outlets and microphone plugs at the top step. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Motorized Projection Screen • Presentation Wall: <ul style="list-style-type: none"> • 1 - 4'x4' Tack Board • 1 – 8'x4' Marker Board • Tack Strips located 12" above marker/tack boards • 2 flag holders and map hooks • Sound System 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Presentation Cart • Teacher stool • 2 tall storage cabinets with adjustable shelving • Speaker Podium • Projector mounted on presentation wall adjacent to and at same height as marker board • Clock 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Career and Technical Education - Leadership

Lecture Hall – Control Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Faculty 	<ul style="list-style-type: none"> • Controlling stage lighting • Controlling sound system • Storing A/V Equipment for stage/lectern
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 4' x 4' Markerboard • 4' x 4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Chairs • 30" x 60" table • Tall lockable 2-door cabinets 	



Career and Technical Education - Leadership

Lecture Hall – Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Kitchen Manager • Food Service Staff • Students • Faculty 	<ul style="list-style-type: none"> • Storing dining tables and chairs • Storing dining room equipment
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Cart for Chairs • Cart for Tables 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL





CHILDCARE

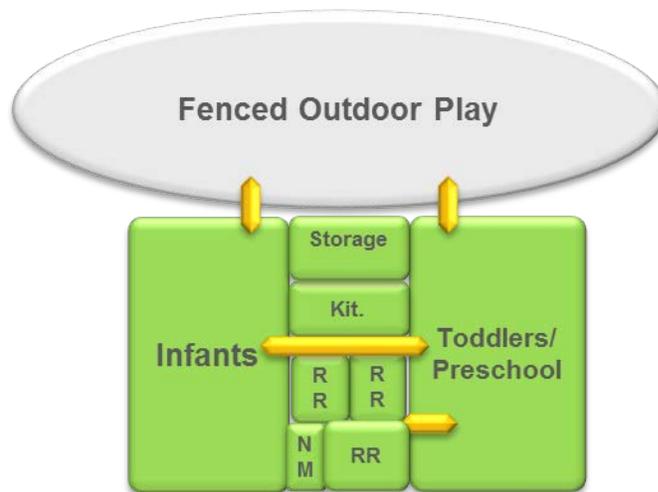


Childcare

Overview:

In order to provide a safe environment for the children of students and staff, a childcare facility will be included in the school. Facilities will be designed to meet the most current minimum standards for Child-Care Centers published by the Texas Department of Family and Protective Services.

The two learning centers should be constructed similar so that they can be used by either infants or toddlers/preschoolers as the population requires. Only the furniture should differ.



Legend

-  Physical connection
-  Visual connection
-  Physical and/or acoustic separation

The functional relationships illustrated are diagrammatic only. Further interpretation of these relationships shall be implemented by the Design Team.





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Space Requirements

Child Care Center	Required Spaces			
	Teaching Stations	Quantity	Square Feet	Net Area
Kitchen/Storage		1	200	200
Student Restroom		2	70	140
Staff Restroom		1	70	70
New Mother's Room		1	80	80
Infant Room		1	450	450
Toddler/Preschool Learning Center		1	515	515
Total		0		1,455



Childcare

Infant Care (6 weeks – 11 months old)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • 3 caregivers • 10 infants 	<ul style="list-style-type: none"> • Diapering • Sleeping • Nursing • Feeding
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide visual and physical access to toddler/preschool room • Use book shelves, storage cabinets and other furniture to create distinct areas to meet Texas requirements regarding maximum group size and so that children in one group do not freely mix with children in the other group. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 2 - Hand washing sinks (adult height) • Blinds for windows • 4'x4' Tack Board • 4'x8' Marker Board • Tack Strips located 12" above marker/tack boards • 2 - flag holders and map hooks 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 10 cribs • 2 diaper changing tables • 4 Book shelf • 4 - Lockable storage cabinet • 3- Teacher wardrobe cabinets: coat hook, shelving, 2 drawers, lockable • 3 rocking chairs • 2 - 30" x 60" table • 4 chairs • Microwave oven • Small refrigerator • Clock 	





Childcare

Toddler/Preschool Learning Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • 2 caregivers • 10 Toddlers and Preschoolers 	<ul style="list-style-type: none"> • Playing • Reading to Children • Dining • Playing • Napping
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide visual and physical connection to Infant room 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 2 – hand wash sinks (adult height) • Blinds for windows • 4'x4' Tack Board • 4'x8' Marker Board • Tack Strips located 12" above marker/tack boards • 2 - flag holders and map hooks 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 3- round student tables • 12 - student chairs • 4 - Book shelves with adjustable shelves • 4-Tall lockable storage cabinets with adjustable shelving • 2-Teacher wardrobe cabinets: coat hook, shelving, 2 drawers, lockable • Clock • Educational rugs • 32 nap mats • 2 - rocking chairs • 2 - 30" x 60" table • 4 - adult chairs • 15-student storage cubbies 	



Childcare

Student Restrooms

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Toddlers • Preschoolers 	<ul style="list-style-type: none"> • Personal hygiene
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 60" tall wall mirror • Child height toilets • Child height wall mounted sinks 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





Childcare

Kitchen/Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teacher • Caregivers 	<ul style="list-style-type: none"> • Breakfast and lunch preparation • Staging meals before serving • Storage of supplies
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Refrigerator with ice maker • Casework-handicapped accessible <ul style="list-style-type: none"> • Sink cabinet • Drawer/door base cabinets • Door/shelf wall cabinets 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Maximum linear feet of 18"D, adjustable shelving • Microwave oven(s) 	



Childcare

New Mother Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Parents 	<ul style="list-style-type: none"> • Nursing
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate adjacent to childcare learning centers with easy access to rest of school • Provide visual access to learning centers 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds for internal and external windows • 4'x4' tack board • 1- duplex outlet 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 1 – comfortable upholstered chair • 1 – chair side table 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL





JROTC



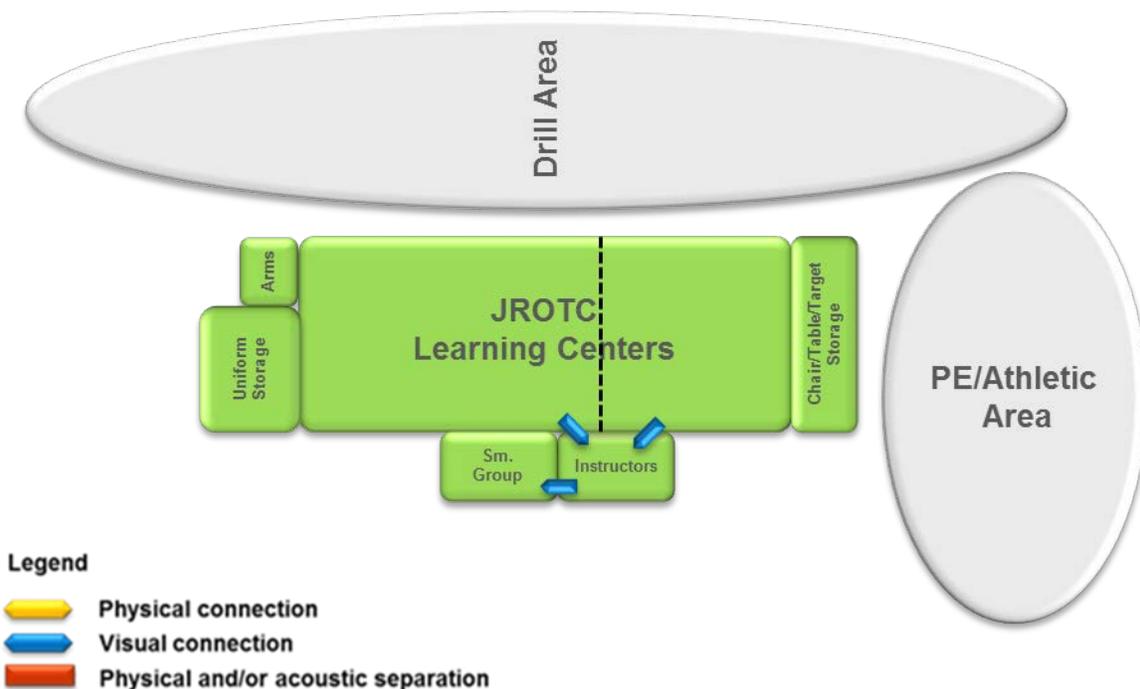
JROTC

Overview:

HISD offers the Junior Reserve Officer Training Corps (JROTC) program at the high school level. JROTC builds self-discipline, teamwork, motivation, and confidence in young people, and provides students with the opportunity to learn about career opportunities in the Armed Forces of the United States. High schools which elect to do so will provide adequate space and facilities to support the JROTC curriculum in accordance with established standards and guidelines.

The program must have access to adequate interior drill, student and staff changing and showering and laundry facilities as well as outside paved space 100' x 100' with perimeter striping for inspections, physical training and practice space for competitive drill teams. Therefore, it is recommended that the JROTC suite be located adjacent to the PE/Athletic area and share the spaces as needed. If sharing of facilities is not possible, then separate facilities will need to be included for JROTC use.

Provide display case (for trophy and awards) and bulletin board (for Chain of Command) in corridor adjacent to Learning Centers.



The functional relationships illustrated are diagrammatic only. Further interpretation of these relationships shall be implemented by the Design Team.





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Space Requirements

Junior ROTC (Army)	Teaching Station(s)	Quantity	Square Feet	Net Area
JROTC - Army				
Learning Center - Large	1	1	1,150	1,150
Learning Center - Small	1	1	850	850
Arms Storage		1	30	30
Chair, table, target, storage		1	320	320
Uniform, drill team, color guard storage		1	305	305
Instructors Center		1	165	165
Small Group collaboration area		1	115	115
Total	2			2,935



JROTC

Learning Center/Air Rifle Range

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Teachers • Volunteers/Mentors 	<ul style="list-style-type: none"> • Lecturing • Instruction on marching, physical training, and gun drills. Practice for these activities will take place in the Gym and practice fields • Watching videos • Target practice
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide operable partition dividing the space into two spaces. One space should be approximately eight feet longer to allow space for waiting marksmen when the spaces are serving as the Rifle Range. • The overall length of the space with the partition fully open should be a minimum of 60 feet to allow for it to be used as the air rifle range. • Permanently delineate eight 48" wide shooting lanes through the use of variation in the floor finish/color/pattern. • Focused high intensity lighting is required at the target end of one of the Learning Centers. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds for windows • Shelf around the perimeter of the space near the ceiling for trophy display. • Presentation Wall in each half of Learning Center: <ul style="list-style-type: none"> • 1 - 4'x4' Tack Board • 1 – 8'x4' Marker Board • Tack Strips located 12" above marker/tack boards • 2 flag holders and map hooks • Adjacent or Rear Wall of each half of Learning Center: <ul style="list-style-type: none"> • 2 - 4'x4' Tack Boards (one on each side of 8'x4' Marker Board) • 1 – 8'x4' Marker Board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Classroom Performance System • 2 - Presentation Carts • 2 - Teacher stools • 32 – 2-person tables with folding legs • 64 stackable chairs • Targets and ammunition catch boxes • 4 – 4-drawer lockable filing cabinets • 4 - tall storage cabinets with adjustable shelving • 6 - bookcases (height may be dependent on window sill height), with adjustable shelving • 2 - Projectors mounted on presentation wall adjacent to and at same height as marker board • 2 Clocks 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

JROTC

Cadet Small Group Collaboration

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • 6-8 Cadets • Cadet Leadership 	<ul style="list-style-type: none"> • Preparing reports • Research • Small Group Instruction
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • View to Learning Center and Instructor Work Center 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 4'x4' marker board • 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • modular open office systems furniture with open over desk storage • 8 - Tilt swivel desk chairs on casters • tall storage cabinet • bookcase 	



JROTC

Instructors Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Instructional staff 	<ul style="list-style-type: none"> Preparing program plans Preparing reports Teacher supply storage
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> View to Learning Center and Cadet Small Group Collaboration If unable to be located adjacent to PE area, add separate Restroom and Shower 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x4' marker board 4'x4' tack board Sink and overhead casework Full size Refrigerator 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> 3 sets - Modular open office systems furniture with keyed over desk storage and file drawers, each set separately keyed to a master. 3 - Tilt swivel desk chairs on casters 3 – guest chairs bookcase 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

JROTC

Uniform/Drill Team/Color Guard Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Instructional Staff • Students 	<ul style="list-style-type: none"> • Storing materials, uniforms and books used in JROTC programs
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Adjacent to JROTC Instructors Office Center with easy access to JROTC Learning Center • Provide sufficient space for three cadets to try on uniforms. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 32 linear feet of 2 high hanging rods with shelf above for long term storage. • 2 - duplex outlets on each wall • Hollow metal door 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Maximum linear feet of heavy duty adjustable shelving on one wall for shoe, cap, and helmet storage • 4 Lockable storage cabinets 	



JROTC

Arms/Weapons Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Instructional Staff 	<ul style="list-style-type: none"> Storing weapons, targets and ammunition used in JROTC instruction
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Connected (preferred) or adjacent to marksmen area of Learning Center 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Locking arms rack (approximately 2'x2' square) to store 60 weapons Metal adjustable shelving for storage of ammunition, supplies, etc. 	

:





JROTC

Chair/Table/Target Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Instructional Staff • Students 	<ul style="list-style-type: none"> • Storing targets used in JROTC instruction • Storing tables and chairs when Learning Centers are used as rifle range.
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Connected to Marksmen area of Learning Center 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Dolly for 64 chairs • Dolly for 32 tables • 8 Targets (space requirements are similar to folding tables) 	



VISUAL ARTS



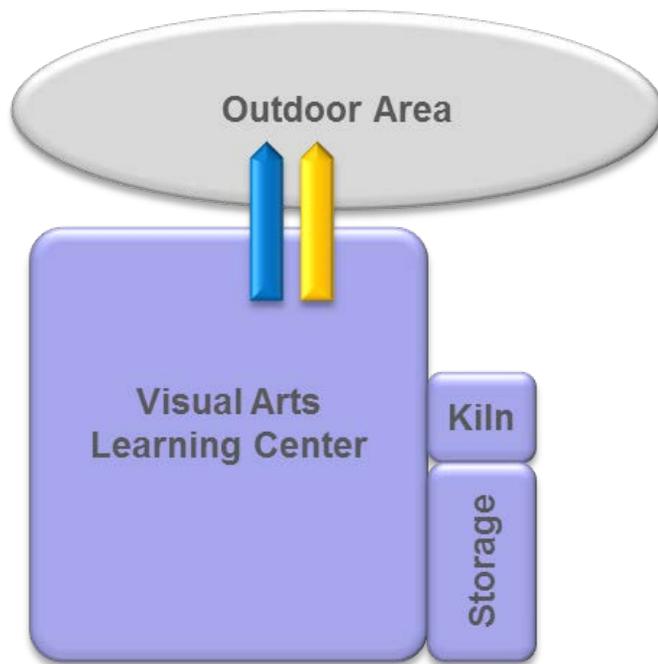
Visual Arts

Overview:

The arts are fundamental to communicating and understanding not only ourselves, but others. Through the arts we learn to appreciate and to create things of beauty. Important 21st Century skills enhanced by arts education include creativity, innovation, critical thinking, cooperative decision making, leadership, and capacity of problem-posing and solving. Visual Arts Learning Centers should:

- Meet the state and federal requirements
- Provide a view to the outdoors
- Provide for flexibility of course offerings
- Be easy to clean
- Create an environment conducive to creativity

The Visual Arts should be located in proximity to the Performing Arts to encourage collaboration.



Legend

-  Physical connection
-  Visual connection
-  Physical and/or acoustic separation

The functional relationships illustrated are diagrammatic only. Further interpretation of these relationships shall be implemented by the Design Team.





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Space Requirements

Visual Arts	Teaching Station(s)	Quantity	Square Feet	Net Area
Visual Arts Wet Lab	2	2	1,188	2,376
Kiln Room		1	88	88
Storage Room		1	225	225
Total	2			2,689



Visual Arts

Visual Arts Learning Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers Students 	<ul style="list-style-type: none"> Creative individual and group activities Learning/researching art history/artist Discussions on Art criticism Learning/practicing drawing, painting, embossed prints, ceramics, sculptures, etc.
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Need area for arranging still life with track lighting. Northern exposure desirable. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Blinds for windows Presentation Wall: (all items at appropriate height for age group): <ul style="list-style-type: none"> 4'x4' marker boards (one on each side of Projector) 24' tack strip located 12" above marker/tack boards Flag holders and map hooks Adjacent or Rear Wall: (all items at appropriate height for age group): <ul style="list-style-type: none"> 8' marker board with tack strip 4' tack boards Casework – Side wall: <ul style="list-style-type: none"> Sink cabinets – with sink projecting from front edge of casework to allow access from 3 sides Door/shelf cabinets above sinks with glass front for display Shelving above marker boards and windows for project display 1 wall with continuous tackable surface 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> Paper towel dispenser Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Teacher demonstration table, 30"x60", adjustable height, with chemical resistant top Tall teacher stool Student Area: <ul style="list-style-type: none"> 40 student adjustable height stools 11 art tables, 42"x60", with chemical resistant tops (1 to be used for still life set-up) 2 computer tables, 30"x60" Projector 4 tall storage cabinets with adjustable shelving Portfolio cabinets Double-sided mobile drying rack 2 mobile paper racks 55-tray tote tray cabinet 3 bookcases (height may be dependent on window sill height), with adjustable shelving Shallow drawer cabinet (must accommodate 24" x 46" paper) 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Visual Arts

Kiln Room

USERS: <ul style="list-style-type: none">• Art teacher	ACTIVITIES: <ul style="list-style-type: none">• Storing greenware.• Firing items in kiln.
DESIGN CONSIDERATIONS: <ul style="list-style-type: none">• Locate for accessibility from both learning centers	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none">• Electric kiln• Exhaust System	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none">• None	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none">• Greenware cabinet with doors	



Visual Arts Storage Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Art teacher 	<ul style="list-style-type: none"> • Storing and maintaining art supplies
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate for accessibility from both learning centers 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Maximum LF of heavy-duty, adjustable height shelving – 50% 18" d, 25% 24" d, 25% 12" d. • 4-shelf mobile cart with recessed top well for moving supplies between Art Storage and Visual Arts Learning Center 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL





PERFORMING ARTS

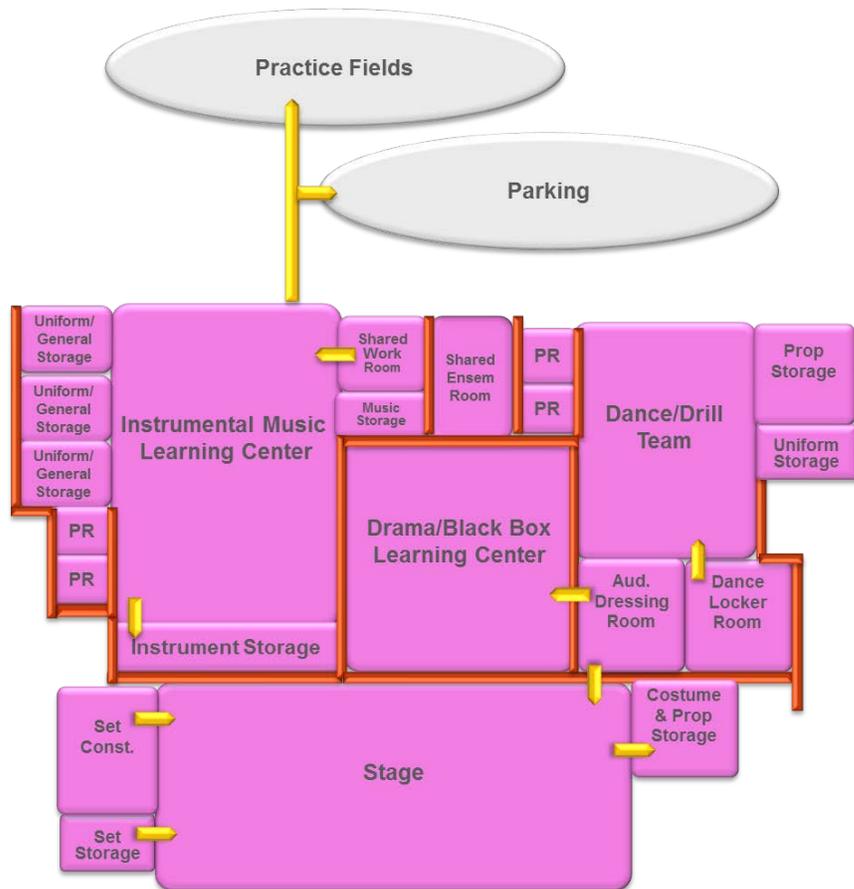


Performing Arts

The arts are fundamental to communicating and understanding not only ourselves, but others. Through performing arts students build a value system in which they learn self-discipline and responsibility. Important 21st Century skills enhanced by arts education include creativity, innovation, critical thinking, cooperative decision making, leadership, and capacity of problem-posing and solving. Performing Arts learning centers should:

- Provide for flexibility of course offerings
- Be accessible after regular school hours
- Create an environment conducive to creativity

The Performing Arts Learning Centers should be located adjacent to performance spaces – stage at cafeteria, auditorium, etc. and be in proximity to the Visual Arts to encourage collaboration.



Legend

- Physical connection
- Visual connection
- Physical and/or acoustic separation

The functional relationships illustrated are diagrammatic only. Further interpretation of these relationships shall be implemented by the Design Team.





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Space Requirements

Performing Arts	Teaching Station(s)	Quantity	Square Feet	Net Area
Instrumental Music Learning Center	1	1	1,980	1,980
Instrument Storage		1	200	200
Uniform/General Storage		2	105	210
Music Storage/Library		1	150	150
Practice Room		3	55	165
Theater/Black Box Learning Center	1	1	1,400	1,400
Shared Workroom		1	250	250
Shared Ensemble Room		1	300	300
Auditorium				
Auditorium, Seating Area for 500	1	1	5,170	5,170
Auditorium, Control Room		1	175	175
Auditorium, Audio/Sound Room		1	65	65
Auditorium, Stage		1	1,950	1,950
Auditorium, Lobby		1	1,200	1,200
Auditorium, Tickets		1	80	80
Auditorium, Concessions		1	250	250
Auditorium, Set Construction		1	395	395
Auditorium, Set storage		1	300	300
Auditorium, Costume and prop storage		1	250	250
Auditorium, Dressing room/restroom		2	280	560
Dance - Drill Team				
Dance Room	1	1	1,350	1,350
Dance - Prop Storage		1	350	350
Dance - Uniform Storage		1	150	150
Dance Locker Room		2	285	570
Total	4			17,470



Performing Arts

Instrumental Music Learning Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Instrumental Music Instructors/Director(s) Students 	<ul style="list-style-type: none"> Developing technical music skills through individual work, group work and performances Instrumental music theory instruction Orchestra Classes Recitals Meeting area for community Recording of performances Sectional usage
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Size opening to allow for transporting piano, drums, etc. Provide acoustical treatments Perimeter walls of the entire music suite and the walls of the instructional spaces shall be min. STC-60. Other walls within the suite shall be min. STC-45. Sound-rated door should share the same rating as the walls. Drop microphones from ceiling. Provide microphone inlets on walls. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Provide maximum LF of shelving above door height for display 2 marker boards, one with permanent music staff markings. 2 - 4'x4' tack boards Projector 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> 160 stackable posture chairs 100 music stands Music stand cart Instrumental music risers Small stand carts for risers Conductor's podium: double podium with rail Music folio cabinets Projector 	





Performing Arts

Instrumental Music Learning Center – Instrument Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Instrumental Music Instructors/Director(s) Students 	<ul style="list-style-type: none"> Storing and retrieving orchestra instruments
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Size opening to allow for transporting piano, drums, etc. Perimeter walls of the entire music suite and the walls of the instructional spaces shall be min. STC-60. Other walls within the suite shall be min. STC-45. Sound-rated door should share the same rating as the walls. Instrument storage should be included inside the instrumental music learning center. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x4' marker board 4'x4' tack board Minimum 100 instrument storage lockers, lockable, solid doors Deep utility sink for cleaning instruments 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	

**Average Distribution of
Band Instruments (Wenger)**

Instrument	Percent
Piccolo	1%
Oboe	3%
Flute	12%
Clarinet	24%
Alto Clarinet	3%
Bass Clarinet	3%
Bassoon	4%
Alto Sax	5%
Tenor Sax	1%
Baritone Sax	1%
Cornet/Trumpet	14%
French Horn	6%
Baritone Horn	4%
Trombone	6%
Tuba	4%
Snare Drum	6%
Tenor Drum	2%
Base Drum	1%
100%	



Performing Arts

Instrumental Music Learning Center – Uniform/General Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Instrumental Music Directors Students 	<ul style="list-style-type: none"> Storing and retrieving uniforms
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Perimeter walls of the entire music suite and the walls of the instructional spaces shall be min. STC-60. Other walls within the suite shall be min. STC-45. Sound-rated door should share the same rating as the walls. Double doors. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x4' marker board 4'x4' tack board Maximum LF of double hanging rods with shelving above 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	





Performing Arts

Instrumental Music Learning Center – Music Storage/Library

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Instrumental Music Directors Students 	<ul style="list-style-type: none"> Storing and sorting music
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Perimeter walls of the entire music suite and the walls of the instructional spaces shall be min. STC-60. Other walls within the suite shall be min. STC-45. Sound-rated door should share the same rating as the walls. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x4' marker board 4'x4' tack board Maximum LF of heavy-duty, adjustable, wall-mounted shelving above file cabinets for additional storage 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Music sorting cabinet 10 - 4-drawer vertical file cabinets 24"x36" table 2 chairs 	



Performing Arts

Shared Workroom

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Instrumental Music/ Vocal Music Directors Students 	<ul style="list-style-type: none"> Planning and sorting music for classes Grading Meeting with students
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Perimeter walls of the entire music suite and the walls of the instructional spaces shall be min. STC-60. Other walls within the suite shall be min. STC-45. Sound-rated door should share the same rating as the walls. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x4' marker board 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Double pedestal desk with center drawer & lock, 60" x 30" Task chair, swivel, tilt, armless Guest chairs 4-shelf bookcase, 52"H x 36"W x 15"D 4-drawer vertical file, letter size, lockable 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Performing Arts

Shared Ensemble Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Instrumental Music/Vocal Music Directors Students (up to 30) 	<ul style="list-style-type: none"> Group rehearsals and lessons Sectionals
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Provide acoustical treatments Perimeter walls of the entire music suite and the walls of the instructional spaces shall be min. STC-60. Other walls within the suite shall be min. STC-45. Sound-rated door should share the same rating as the walls. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> 15 – 20 stackable posture chairs Chair storage cart 1 conductor’s chair, music stand, podium 	





Performing Arts

Drama Learning Center – Black Box

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Drama/Theater Directors Students 	<ul style="list-style-type: none"> Lecture, demonstration, instruction and practicum relevant to all areas of technical theater and performance. Application of technical theater, to include scene building, theatre lighting, costume and prop building All forms of theatrical rehearsal and performance
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Perimeter walls of the entire black box and the walls of the instructional spaces shall be min. STC-60. Other walls within the suite shall be min. STC-45. Sound-rated door should share the same rating as the walls. Pipe grid at ceiling for theatrical lighting. Provide electrical outlets and XLR microphone outlets in walls. Overhead door to auditorium stage for set movement. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Acoustical treatment 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Movable audience seating to accommodate 100-200 people Study portable risers or platforms to accommodate changing the floor level for audience or performing areas. Dimmer system and control panel for theatrical lighting. 	





Performing Arts

Small Practice Room(s) – Shared

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Drama, Vocal, and Music Directors Students 	<ul style="list-style-type: none"> Individual or small group band practice May be used as control booth (with mobile equipment) for recording events/practices in Instrumental Learning Center.
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Perimeter walls of the entire music suite and the walls of the instructional spaces shall be min. STC-60. Other walls within the suite shall be min. STC-45. Sound-rated door should share the same rating as the walls. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Acoustical treatment 4'x4' marker board 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Student chairs Music stands 	





Performing Arts – Drill Team/Dance Room - Learning Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Dance/Drill Team Directors Students 	<ul style="list-style-type: none"> Dance and Drill Team practice and performances
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Locate close to auditorium. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Acoustical treatment Wood dance floor Mirrors Ballet Barre 4'x4' marker board 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Stackable chairs 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Performing Arts – Drill Team/Dance Room

Drill Team/Dance Locker Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Dance/Drill Team Directors Students 	<ul style="list-style-type: none"> Changing clothes for dance and physical education classes Storing personal items during classes, practices or competitions
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Maximum number of lockers that will fit Lockers with hanging hooks inside 4'x4' marker board 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Benches for seating while changing 	



Performing Arts – Drill Team/Dance Room

Prop Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Dance/Drill Team Directors Students 	<ul style="list-style-type: none"> Storing and retrieving equipment used for drill and dance team activities
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Heavy duty adjustable 18” deep shelves on all walls 	





Performing Arts – Drill Team/Dance Room
Uniform Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Dance/Drill Team Directors Students 	<ul style="list-style-type: none"> Hanging and storing uniforms and costumes
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Double tier hanging rods with shelf on one wall Heavy duty adjustable 18” deep shelves two walls Heavy duty garment hooks 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	



Performing Arts - Auditorium

Auditorium

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Drama/Theater/Vocal/Music Directors • Students • Community 	<ul style="list-style-type: none"> • Performances (school play, choir, orchestra, dance, etc) • Assemblies • Graduation • Seminars • Meetings • Other Community Events • Seating for audiences attending drama, theater and musical productions
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Seating for 500 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Acoustical treatment • Fixed, upholstered seats with arms • Seats with movable tablet arms or back mounted flip-up writing surfaces 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Performing Arts - Auditorium - Lobby

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Drama/Theater/Vocal/Music Directors Students Community 	<ul style="list-style-type: none"> Waiting for performances, intermission Promotion of performing arts
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Identify as auditorium lobby Locate adjacent to overflow area for large crowds during intermission 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Acoustical treatment Fixed, upholstered seats with arms Seats with movable tablet arms or back mounted flip-up writing surfaces 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	



Performing Arts

Auditorium – Control Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Drama/Theater/Vocal/Music Directors • Students • Community 	<ul style="list-style-type: none"> • Control of lighting and sound systems, • Controlling and creating of special effects • Recording, taping and editing of performances • Storage of microphones, stage lights, cords, etc.
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Place in back of house. • Provide XLR connections for Clearcom communication system 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 4'x4' marker board • 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Chairs • 30'x60" tables • Tall lockable 2-door storage cabinets 	





Performing Arts

Auditorium – Audio/Sound Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Drama/Theater/Vocal/Music Directors • Students • Community 	<ul style="list-style-type: none"> • Control of lighting and sound systems, • Controlling and creating of special effects • Recording, taping and editing of performances
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate adjacent to workroom • Provide operable window to performance space 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Light board • Sound board • 4'x4' marker board • 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 2 Chairs • 30'x60" tables • Tall lockable 2-door storage cabinets 	



Performing Arts

Auditorium – Stage

<p>USERS:</p> <ul style="list-style-type: none"> • Drama/Theater Directors • Students • Community 	<p>ACTIVITIES:</p> <ul style="list-style-type: none"> • Instrumental, choral and drama presentations by groups and individuals • Dance and other physical activity presentations • Public and school meetings requiring interaction between those on stage and those seated in the Auditorium • Video presentation • May be used as a classroom by the drama program • Award ceremonies • Assemblies
<p>DESIGN CONSIDERATIONS:</p> <ul style="list-style-type: none"> • Connected to black box and set construction area by oversized door. 	
<p>FURNITURE, FIXTURES & EQUIPMENT:</p>	
<p>Contractor Furnished – Contractor Installed</p> <ul style="list-style-type: none"> • Acoustical treatment • Motorized projection screen • Curtains at front, sides and back of stage. Back and side curtains to be black. • Motorized cyclorama in front of back curtain. 	
<p>Owner Furnished – Contractor Installed</p> <ul style="list-style-type: none"> • Projector-professional grade. 	
<p>Owner Furnished – Owner Installed</p> <ul style="list-style-type: none"> • None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Performing Arts

Auditorium – Dressing Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Drama/Theater Directors • Students • Community 	<ul style="list-style-type: none"> • Changing into costumes • Applying makeup for performances • Performance preparation
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Restroom with toilet and sink. • One shower stall in each dressing room. • Dressing rooms will be shared by black box and auditorium 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Makeup counter continuous on one wall • Mirrors above makeup counter • Full length mirrors • 3-tier locker units • 12 LF of hanging rod 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Chairs 	



Performing Arts

Auditorium – Set Construction

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Drama/Theater Directors • Students • Community 	<ul style="list-style-type: none"> • Building and painting scenery and props • Set construction, paint and assembly using tools • Storing and retrieving props • Creating props
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • 12 ‘ ceiling height • Oversized doors for large set pieces. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 8’x8’ pegboard 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 12 LF work bench • Lockable tool cabinet • Lockable storage cabinets with adjustable shelving 	





Performing Arts

Auditorium – Concessions

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Drama/Theater Directors • Students • Community/Volunteers 	<ul style="list-style-type: none"> • Selling and serving food items during events • Potential use as school store
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Refrigerator • 400 lb. ice maker with bin • Microwave ovens • 2 walls: 24"Dx36"H drawer/open shelf base cabinets with one sink cabinet • 3"Dx30"H lockable shelf cabinets above base cabinets • Transaction counter in front of roll-up window with shelves below counter 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Heavy duty table in center of room, if room is wide enough 	



Performing Arts

Auditorium – Ticket Booth

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Drama/Theater Directors • Students • Community/Volunteers 	<ul style="list-style-type: none"> • Selling tickets for performances or other events held in auditorium
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Transaction counter in front of roll-up window with shelves below counter 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Chair 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Performing Arts

Auditorium – Costume and Prop Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Drama/Theater Directors • Students • Community/Volunteers 	<ul style="list-style-type: none"> • Hanging of costumes • Prop storage
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • High ceiling to maximize storage space • Extra wide doors to allow movement of large props 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Double tier hanging rods with shelf • Heavy duty shelving 18” deep 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



Performing Arts

Drill Team/Dance Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Dance/Drill Team Instructors Athletics Department Students 	<ul style="list-style-type: none"> Dance and Drill Team practice and performances
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Refrigerator 400 lb. ice maker with bin Microwave ovens 2 walls: 24"Dx36"H drawer/open shelf base cabinets with one sink cabinet 30"Dx30"H lockable shelf cabinets above base cabinets Transaction counter in front of roll-up window with shelves below counter 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> Paper towel dispenser Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Heavy duty table in center of room, if room is wide enough 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Performing Arts

Drill Team/Dance Room – Locker Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Dance/Drill Team Instructors Students 	<ul style="list-style-type: none"> Changing clothes for dance and physical education activities Storing personal items during classes, practices or competitions
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Maximum number of lockers that can fit in layout: half of lockers to be 6:1; half of lockers to be 2:1 Benches 4'x4' marker board 4'x4' tack board Mirrors above sinks 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> Paper towel dispenser Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	



Performing Arts

Drill Team/Dance Room – Prop Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Dance/Drill Team Instructors Students 	<ul style="list-style-type: none"> Storing and retrieving equipment used for drill and dance team activities
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Provide 2 lockable cages to secure team equipment and uniforms Heavy-duty adjustable shelving on 2 walls 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> 36"Wx60"H heavy-duty, adjustable shelf unit in each cage Heavy-duty adjustable 18" shelving on walls beside door 	





Performing Arts

Drill Team/Dance Room – General Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Dance/Drill Team Instructors Students 	<ul style="list-style-type: none"> Storing and retrieving equipment used for drill and dance team activities Storing and retrieving equipment used for P.E. dance classes
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Heavy-duty adjustable shelving on 3 walls 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	



PHYSICAL EDUCATION / ATHLETICS



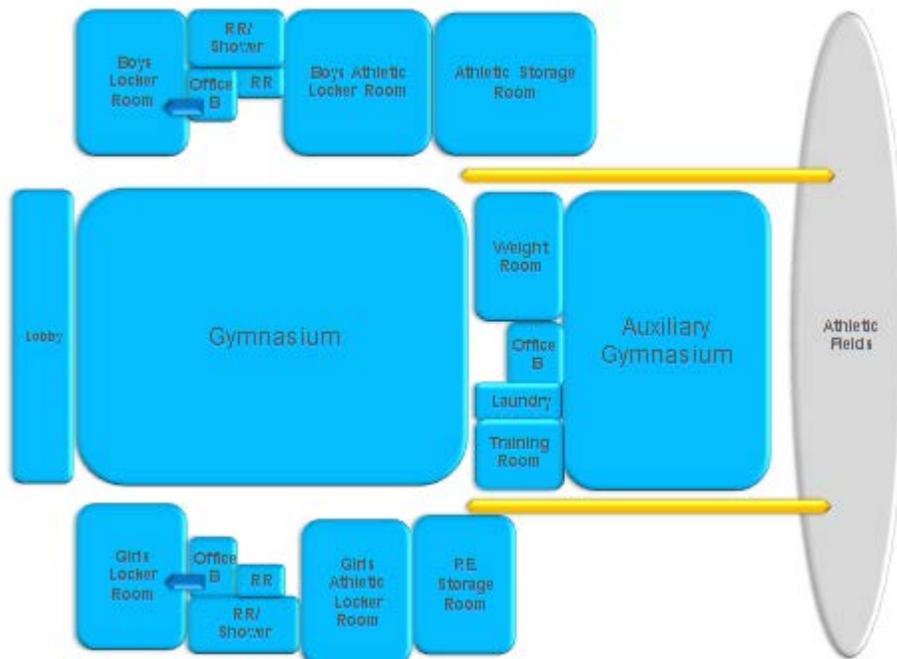
Physical Education/Athletics

Overview:

The mission of HISD's Health and Physical Education programs is to provide a framework of knowledge, practices and skills to positively impact student's health and physical well-being. Health Education focuses on the development of wellness lifestyles by addressing knowledge, attitudes, behaviors and skills for healthy living. Physical Education and Athletic programs focus on personal fitness through participation in leisure and lifetime activity that lead to self-responsibility, teamwork, sportsmanship, and leadership. The following sports are offered in the Athletic program:

- August-November: Boys Football, Girls Volleyball, Girls Team Tennis
- December-March: Boys and Girls Basketball, Tennis, Cross-Country, Golf, Track, Wrestling, Soccer
- March-May: Boys Baseball, Girls Softball

Community use and involvement with the PE/Athletics programs is needed and encouraged through the availability of indoor and outdoor facilities when not being used as part of the school program.



Legend

- Physical connection
- Visual connection
- Physical and/or acoustic separation

The functional relationships illustrated are diagrammatic only. Further interpretation of these relationships shall be implemented by the Design Team.





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Space Requirements

Physical Education/Athletics	Teaching Station(s)	Quantity	Square Feet	Net Area
PE/Athletics Lobby		1	1,065	1,065
Gymnasium (seating for 1/2 of program capacity of school)	2	1	10,500	10,500
Auxiliary Gymnasium (seating for 250)	1	1	7,500	7,500
Weight Room		1	1,065	1,065
Boys' Athletic Locker Room		1	1,245	1,245
Girls' Athletic Locker Room		1	977	977
Boys/Girls' PE Locker Room		2	880	1,760
Toilets/Showers		2	500	1,000
Adult Toilet/Shower/Locker		4	125	500
Athletic Director (Office C)		1	180	180
Office (shared)		2	300	600
Training Room		1	370	370
Laundry		1	150	150
Storage Closet		1	25	25
PE Equipment Storage		1	500	500
Tickets		1	75	75
Concessions		1	150	150
Gym Storage		1	115	115
Athletic Equipment Storage		1	1,000	1,000
Total	3			28,777



Physical Education/Athletics

Lobby

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Parents • Students • Community members • Faculty/staff 	<ul style="list-style-type: none"> • Transition/surge space for events held in Gymnasium • Entering and exiting of events held in Gymnasium • Event attendee overflow • Small sitting area • Greeting of attendees for events held in the Gymnasium
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Consider shared lobby if applicable with floor plan • Consider including concession area/stand in lobby 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Benches • Wall mounted video display panels 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

P.E./Athletics

Gymnasium

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • PE Teachers/Coaches • Students • Parents • Community Groups • Staff • Sports teams • 	<ul style="list-style-type: none"> • Physical education classes and activities • Athletic competitions • Sports: basketball, volleyball, gymnastics, cheerleading, drill team, wrestling, badminton • Fitness/health presentations • School assemblies • Performances • Graduation • Community sports activities/events
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Protect all devices and windows from damage by ball strikes • Wall finish and any acoustic treatments must be capable of sustaining repeated ball strikes 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 2 glass motorized, height adjustable, retractable backboards • 4 fiberglass motorized, height adjustable, retractable backboards • Telescoping bleachers to seat number indicated in space requirements. Provide separation between spectators and playing court with railings. • Volleyball system to include poles and recessed floor sleeves • Floor markings for basketball and volleyball • Continuous wall pads on end walls • Motorized curtain to divide gym into 2 teaching areas • Scoreboard/clock • Sound system 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 2 - 30"x60" folding tables • 6 Chairs 	



P.E./Athletics

Auxiliary Gymnasium

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • PE Teachers/Coaches • Students • Parents • Community 	<ul style="list-style-type: none"> • Physical education classes and activities • Athletic competitions • Sports: basketball, volleyball, gymnastics, cheerleading, drill team, wrestling, badminton • Fitness/health presentations • School assemblies • Performances • Graduation • Community sports activities/events
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Protect all devices and windows from damage by ball strikes • Wall finish and any acoustic treatments must be capable of sustaining repeated ball strikes 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 2 glass, motorized, height adjustable, retractable backboards • 4 fiberglass, motorized, height adjustable, retractable backboards • Telescoping bleachers to seat number indicated in space requirements • Volleyball system to include poles and recessed floor sleeves • Floor markings for basketball and volleyball • Continuous wall pads on end walls • Motorized curtain to divide gym into 2 teaching areas • Scoreboard/clock • Individual sound system 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 2 - 30"x60" folding tables • 6 Chairs 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

P.E./Athletics

Weight/Fitness Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Coaches Teachers 20-32 students 	<ul style="list-style-type: none"> Physical education classes Weight training for students and staff Potential for community use
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Provide interlocking rubber tile floor over VCT or concrete floor (polished or stained) 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 8' marker board with tack strip 4' tack boards Mirrors on one wall Interlocking rubber tile floor 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> Paper towel dispenser Sanitizer dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Weight equipment and machines 	



P.E./Athletics

Boys Athletic Locker Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • PE Teachers • Coaches • Students 	<ul style="list-style-type: none"> • Changing clothes before and after athletic activities • Storing personal items during classes, practices or competitions
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Design for air flow that will maintain consistent temperature and humidity level. • Provide clear view for passive supervision (no tall lockers blocking line of sight). 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 100 large lockers (football) • 20 double lockers • Benches • 4'x4' marker board • 4'x4' tack board • Mirrors 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Sanitizer dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

P.E./Athletics

Girls Athletic Locker Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • PE Teachers • Coaches • Students 	<ul style="list-style-type: none"> • Changing clothes before and after athletic activities • Storing personal items during classes, practices or competitions
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Design for air flow that will maintain consistent temperature and humidity level. • Provide clear view for passive supervision (no tall lockers blocking line of sight). 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 100 lockers • Benches • 4'x4' marker board • 4'x4' tack board • Mirrors 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Sanitizer dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



P.E./Athletics

Boys/Girls P.E. Locker Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> PE Teachers Coaches Students 	<ul style="list-style-type: none"> Changing clothes Storing personal items during classes, practices or competitions
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Design for air flow that will maintain consistent temperature and humidity level Provide clear view for passive supervision (no tall lockers blocking line of sight) 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 125, 6:1 lockers each room Benches 4'x4' marker board 4'x4' tack board Mirrors 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> Paper towel dispenser Sanitizer dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

P.E./Athletics

Student Toilet/Showers

USERS:	ACTIVITIES:
<ul style="list-style-type: none">• Students	<ul style="list-style-type: none">• Restroom and bathing
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none">• None	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none">• Mirrors• Towel hooks/hangers outside shower area	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none">• Paper towel dispensers• Soap dispensers	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none">• Shower curtains	



P.E./Athletics

Adult Toilet/Shower/Locker

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Coaches/Teachers 	<ul style="list-style-type: none"> Restroom and bathing
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Mirrors 2 high lockers Towel hook/hanger outside shower stall 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> Paper towel dispenser Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Shower curtain 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

P.E./Athletics

Office B – Athletic Director

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Athletic Director and/or Coaches Students 	<ul style="list-style-type: none"> Space for Athletic Director, coach and/or teachers to perform administrative tasks Secure storage for electronic equipment Area for filing of athletic program documents
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Blinds on windows 4'x4' marker board 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Double pedestal desk with center drawer & lock, 60" x 30" Credenza Task chair 2 Guest chairs 36" conference table 2 4-shelf bookcases, 52"H x 36"W x 15"D 2 4-drawer vertical file, letter size, lockable 	



P.E./Athletics

Office (Shared – PE Teachers/Coaches)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Coaches/Teachers Students 	<ul style="list-style-type: none"> Coach and teacher administrative tasks Changing clothes before and after physical education activities Storing personal items
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x4' marker board 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> <u> 2 </u> Double pedestal desk with center drawer & lock, 60" x 30" <u> 2 </u> Task chair, swivel, tilt, armless <u> 2 </u> Guest chairs <u> 2 </u> 4-shelf bookcase, 52"H x 36"W x 15"D <u> 2 </u> 4-drawer vertical file, letter size, lockable 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

P.E./Athletics

Storage – Future Training Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Trainer • Student assistants • Coaches • PE students • Student athletes 	<ul style="list-style-type: none"> • Administering First Aid • Taping of student athletes before/after athletic competitions • Administering physical therapy • Training supply and equipment storage
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Must have rough ins for Hydrotherapy whirlpool(s) and sink/casework • Plumbing and electric sufficient for conversion into a training room 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 4'x4' marker board • 4'x4' tack board • Floor drain 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser • Sanitizer dispenser • Ice machine in accordance with Design Guidelines to be located near door 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Taping table (36"Dx36"H) with drawer door cabinets below. • Heavy-duty adjustable shelving on 3 walls. Lower shelf 24"D. Upper shelves to ceiling 18"D. Locate bottom shelf on 2 walls 48" AFF for ball carts and mats. 	



P.E./Athletics

Laundry

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> PE Teachers/Coaches Staff 	<ul style="list-style-type: none"> Laundrying of athletic team uniforms Laundrying of cheerleading uniforms
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Floor drain Floor sloped towards drain Exhaust to the exterior Emergency water shutoff valve 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 8 LF of hanging rod (commercial grade) Commercial washer and dryer Wall mounted adjustable shelves Washer and dryer hook ups in the Laundry Room Plate on door. Single, deep utility sink 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> Paper towel dispenser Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> 30"x 60" table 36"W tall shelf unit – 24"D 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

P.E./Athletics

P.E. Equipment Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> PE Teachers/Coaches Students 	<ul style="list-style-type: none"> Storing and retrieving equipment used for physical education classes
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Floors need to be level and transition strip should be low profile to allow for easy movement of heavy equipment on carts. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Heavy-duty adjustable shelving on 3 walls. Lower shelf 24”D. Upper shelves to ceiling 18”D. Locate bottom shelf on 2 walls 48” AFF for ball carts and mats. Provide pegboard on 1 wall for hanging jump ropes, hula hoops, etc. 	



P.E./Athletics

Athletic Equipment Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Coaches/Teachers Students 	<ul style="list-style-type: none"> Storing and retrieving equipment used for athletic programs
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Floors need to be level and transition strip should be low profile to allow for easy movement of heavy equipment on carts Provide exterior access 4-0' door. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x4' marker board 4'x4' tack board Provide lockable cages to secure team equipment and uniforms 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> 36"Wx60"H heavy-duty, adjustable shelf unit in each cage Heavy-duty adjustable 18" shelving on walls beside door 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

P.E./Athletics

Gymnasium – Tickets/Concessions

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Athletics Department • Students • Community/Volunteers 	<ul style="list-style-type: none"> • Selling tickets for games or other events held in gymnasium • Selling and serving food items during events • Potential use as school store
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Refrigerator • 400 lb. ice maker with bin • Microwave ovens • 2 walls: 24”Dx36”H drawer/open shelf base cabinets with one sink cabinet • ”Dx30”H lockable shelf cabinets above base cabinets • Transaction counter in front of roll-up window with shelves below counter 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Heavy duty table in center of room, if room is wide enough 	



P.E./Athletics

Storage – Gym/Concessions

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Coaches/Teachers Faculty/Staff Students 	<ul style="list-style-type: none"> Storing and retrieving equipment used for athletic programs Storing items used during events held in the gym Storing concessions or school store items
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Floors need to be level and transition strip should be low profile to allow for easy movement of heavy equipment on carts Provide exterior access 4-0' door. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x4' marker board 4'x4' tack board Provide lockable cages to secure team equipment and uniforms 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> 36"Wx60"H heavy-duty, adjustable shelf unit in each cage Heavy-duty adjustable 18" shelving on walls beside door 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL





ADMINISTRATION / GUIDANCE



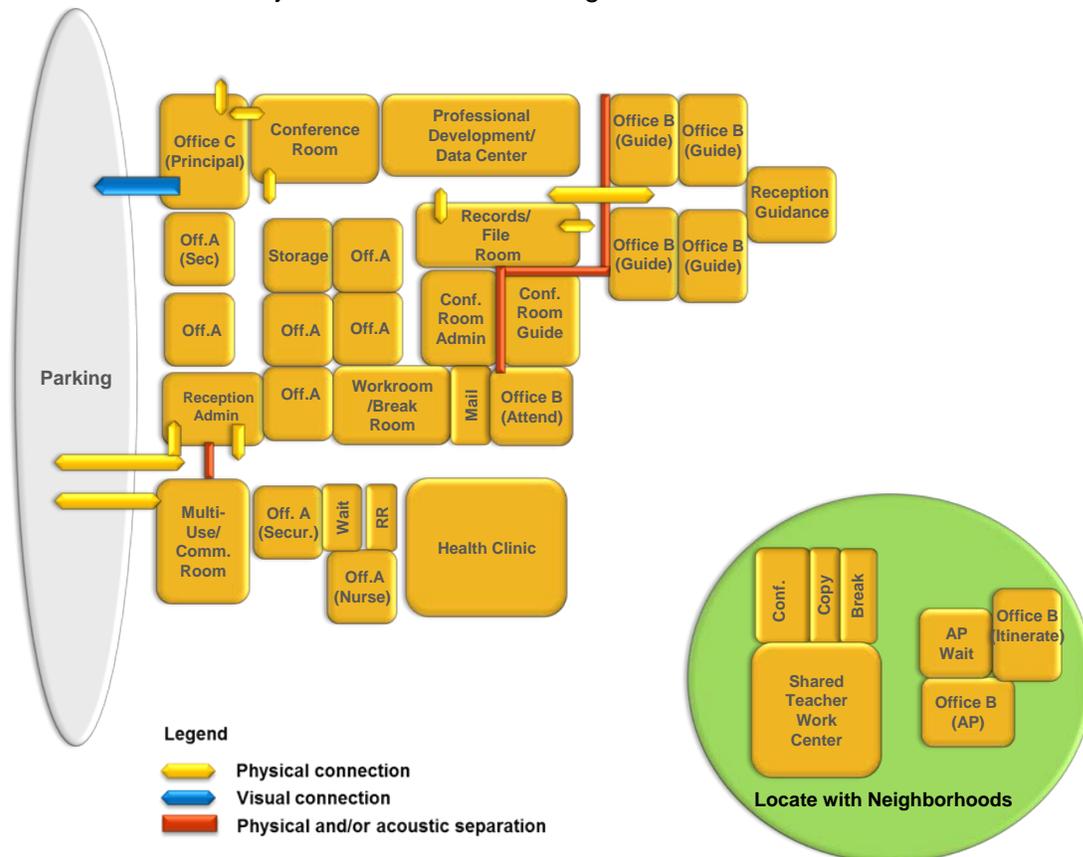
Administration/Guidance

Overview:

These facilities are most community member's first introduction to the School. As such, they must not only be inviting, professional and businesslike but also serve as the secure checkpoint prior to visitors entering the school. The Administration/Guidance facilities should:

- Meet the state and federal requirements
- Provide a secure entrance
- Provide privacy for confidential discussions
- Store student and financial records
- Serve as the communications hub of the school
- Provide a readily accessible location for the School Clinic
- Provide spaces for receiving and distributing incoming mail and packages

The entrance to the Administration suite shall be located adjacent to the front door of the school. It should be located adjacent to but separate from Guidance. Guidance should be readily accessible to Students and easy to find by Parents but should not be perceived as being part of Administration. Satellite Administration and Guidance offices should be located adjacent to the various neighborhoods.



The functional relationships illustrated are diagrammatic only. Further interpretation of these relationships shall be implemented by the Design Team.





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Space Requirements

Administration/Guidance	Teaching Station	Qty	SF	Net Area
Administration				
Reception, Administration		1	490	490
Office A		4	105	420
Office C (Principal + Private RR)		1	350	350
Office B (AP)		6	125	750
AP Reception/Waiting		6	100	600
Conference Room, Main to Principal's Off)		1	275	275
Conference Room, Small		1	180	180
Conference Room, Small		1	150	150
Storage - Testing		1	135	135
Parent Outreach Center		1	450	450
Storage		2	80	160
Health Clinic		1	450	450
Reception/Waiting		1	100	100
Office A		1	125	125
Restroom		2	60	120
Guidance/Student Services				
Reception, Guidance		1	285	285
Office B (Attendance, Registrar, Counselor)		5	125	625
Conference Room, Small		1	150	150
Records/File Room		1	230	230
Administration/Guidance Workroom/Break Room		0	300	0
Shared				
Professional Development/Data Center		1	350	350
Office B (Itinerant)		3	125	375
Office A (Security)		1	130	130
Teacher Work Area		4	750	3,000
Teacher Conf Area		4	140	560
Teacher Copy Area		4	95	380
Breakroom		4	265	1,060
Multi-use/Community Room		1	315	315
Total		0		12,215



Administration/Guidance

Reception, Administration

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Parents • Students • Community members • Faculty/staff 	<ul style="list-style-type: none"> • Greeting and welcoming people and directing them to the proper location or person • Waiting/seating area for visitors, students, and staff members • Controlling entrance to the school
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • All visitors must pass through reception to enter school • Use modular furniture for the circulation desk. A portion shall be at height to meet accessibility requirements. • Capture Attention them and focus at entrance with lots of glass for visibility. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Modular reception desk with work stations to include: <ul style="list-style-type: none"> • 30”D x 30”H x 10-12 LF work surface (section with reduced height for greeting children/ ADA compliance). • Half of the reception desk should have a transaction counter 1’D x 42”H with a maximum of 6” overlapping work surface • Rear work surface 30”D x 30”H • Work surfaces should have lockable built-in storage below including a combination of 6”D and file drawers (at least 4) as well as cabinets with adjustable shelving • 2 Task chairs • Guest chairs • Side tables • Video Display 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Office A

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Staff/Faculty • Clerical Support Staff • Students • Parents 	<ul style="list-style-type: none"> • Assisting in administrative record keeping • Preparation of correspondence, reports and other administrative tasks • Private conferences
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • 4'x8' marker board • 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Double pedestal desk with center drawer & lock, 60" x 30" • Task chair • 2 guest chairs • 4-shelf bookcase, 52"H x 36"W x 15"D • 4-drawer vertical file, letter size, lockable 	



Administration/Guidance

Office C (Principal)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Principal Students Parents 	<ul style="list-style-type: none"> Conducting administrative duties Preparing correspondence and reports Meeting with parents, students and other visitors Placing phone calls
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Locate with view to school entry drive. Locate so Principal can leave Administration Suite without being seen from reception. Should have direct access to large conference room 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Blinds on windows 4'x10' marker board 4'x10' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Double pedestal desk with center drawer & lock, 60" x 30" Credenza Task chair 4 guest chairs 48" conference table Video Display 2 - 4-shelf bookcases, 52"H x 36"W x 15"D 4-drawer vertical file, letter size, lockable 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Principal's Restroom

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Principal 	<ul style="list-style-type: none"> Restroom
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Mirrors 2 high lockers 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> Paper towel dispenser Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	



Administration/Guidance

Office B (AP)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Staff • Teachers • Assistant Principal • Students • Parents 	<ul style="list-style-type: none"> • Conducting administrative tasks • Preparing correspondence and reports • Creating and documenting new and existing students • Meeting with parents, students and other visitors • Placing phone cards
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate with neighborhoods 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • 4'x8' marker board • 4'x8' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Double pedestal desk with center drawer & lock, 60" x 30" • Task chair • 4 guest chairs • 36" conference table • 4-shelf bookcase, 52"H x 36"W x 15"D • 4-drawer vertical file, letter size, lockable 	





Administration/Guidance

AP Waiting

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Parents • Students • Community members • Faculty/staff 	<ul style="list-style-type: none"> • Greeting and welcoming people • Waiting/seating area for visitors, students, and staff members
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Should be located adjacent to Neighborhoods 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Modular reception desk with work stations to include: <ul style="list-style-type: none"> • 30”D x 30”H x 10-12 LF work surface (section with reduced height for greeting children/ ADA compliance). • Half of the reception desk should have a transaction counter 1’D x 42”H with a maximum of 6” overlapping work surface • Rear work surface 30”D x 30”H • Work surfaces should have lockable built-in storage below including a combination of 6”D and file drawers (at least 4) as well as cabinets with adjustable shelving • 2 Task chairs • Guest chairs • Side tables 	



Administration/Guidance

Conference Room, Main

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Principal • Staff/Faculty • Parents/Students • School Support Groups (PTO, etc.) 	<ul style="list-style-type: none"> • Meetings/Conferences between Faculty/Staff and Students, Parents and Community
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide direct access from Principal's Office and secondary corridor. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • Marker and tack board in cabinet 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Credenza • Conference table for 12 people • 12 Swivel, tilt armchairs • Television and/or Projector 	





Administration/Guidance

Conference Room, Medium

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Principal • Staff/Faculty • Parents/Students • School Support Groups (PTO, etc.) 	<ul style="list-style-type: none"> • Meetings/Conferences between Faculty/Staff and Students, Parents and Community
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide direct access from Principal's Office and secondary corridor. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • Marker and tack board in cabinet 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Credenza • Conference table for 12 people • 12 Swivel, tilt armchairs • Television and/or Projector 	



Administration/Guidance

Conference Room, Small

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Staff/Faculty • Parents • School Support Groups (PTO, etc.) 	<ul style="list-style-type: none"> • Meetings/Conferences between Faculty/Staff and Students, Parents and Community
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • Marker and tack board in cabinet 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Credenza • Conference table for 6 people • 6 Swivel, tilt armchairs • Television and/or Projector 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Storage Room – Testing Materials

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Administrators' • Office Staff 	<ul style="list-style-type: none"> • Storing testing materials • Storing books • Storing educational materials • Sorting testing materials
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • The storage room used for testing materials shall be keyed differently from the Grand Master. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Maximum LF of heavy duty adjustable shelving • File cabinets in the "testing" storage room 	



Administration/Guidance

Parent Outreach Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Principal Staff/Faculty Parents/Students 	<ul style="list-style-type: none"> Meetings/Conferences between Faculty/Staff and Students, and Parents
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Blinds on windows Marker and tack board in cabinet 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> 2 door locking storage cabinet 8 modular tables for easy rearrangement depending on room use 16 stackable chairs 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Storage Room

USERS: <ul style="list-style-type: none">• Guidance Clerk• Counselors• Administrators'• Office Staff	ACTIVITIES: <ul style="list-style-type: none">• Storing office supplies• Storing educational materials
DESIGN CONSIDERATIONS: <ul style="list-style-type: none">• None	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed <ul style="list-style-type: none">• None	
Owner Furnished – Contractor Installed <ul style="list-style-type: none">• None	
Owner Furnished – Owner Installed <ul style="list-style-type: none">• Maximum LF of heavy duty adjustable shelving	



Administration/Guidance

Office A (Security Office)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Security Officer • Staff/Faculty • Students • Parents 	<ul style="list-style-type: none"> • Administrative tasks • Preparing correspondence and reports • Creating and documenting safety and security matters • Meeting with parents, students and other visitors
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate near main entrance with full access and visibility to Lobby • If possible, provide access to an exit that allows for a discrete exiting of the facility 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • 4'x8' marker board • 4'x8' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Double pedestal desk with center drawer & lock, 60" x 30" • Task chair • 2 guest chairs • 4-shelf bookcase, 52"H x 36"W x 15"D • 4-drawer vertical file, letter size, lockable 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Health Clinic – Reception/Waiting

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • School nurse • Staff • Students • Parents • Visitors 	<ul style="list-style-type: none"> • Waiting area for visitors, students, and staff members
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Visual connection between Nurses’ Office and Waiting 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 4 guest chairs • Literature racks 	



Administration/Guidance

Health Clinic

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • School nurse • Staff • Students • Parents 	<ul style="list-style-type: none"> • Treating ill or hurt students • Conducting medical exams/screening • Dispensing medications • Waiting area for ill students prior to being picked up
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Visual connection between Nurses' Office and Clinic 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on all windows • Sink cabinet with single deep sink • 4 LF of Drawer/door cabinets – lockable • 6 LF Door/shelf wall cabinets 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Cot/exam table • Adjustable height stool • Locking refrigerator with ice maker • Biohazard disposable can • Medical sharps waste disposal • 2 guest chairs • Defibrillator 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Health Clinic – Office A

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • School nurse • Staff • Students • Parents • Visitors 	<ul style="list-style-type: none"> • Consultation by nurse with students, parents and staff • Record-keeping and paperwork • Working with student health files
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Visual connection between Nurses' Office and Waiting 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • 4'x8' marker board • 4'x8' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • File cabinet • Literature rack 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Double pedestal desk with center drawer & lock, 60" x 30" • Credenza • Task chair • 2 guest chairs • 4-shelf bookcases, 52"H x 36"W x 15"D • 4-drawer vertical file, letter size, lockable 	



Administration/Guidance

Health Clinic - Restroom

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Staff • Students • Faculty • Visitors 	<ul style="list-style-type: none"> • Restroom activities • Hand Washing • Personal hygiene
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Mirror • Toilet paper dispenser • Toilet seat cover dispenser • Coat hook 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





Administration/Guidance

Reception, Guidance

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Parents • Students • Community members • Faculty/staff 	<ul style="list-style-type: none"> • Greeting and welcoming people and directing them to the proper location or person • Waiting/seating area for visitors, students, and staff members
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Modular reception desk with work station to include: <ul style="list-style-type: none"> • 30”D x 30”H x 4-6 LF work surface (meet ADA requirements) • Include a transaction counter 1’D x 42”H with a maximum of 6” overlapping work surface • Rear work surface 30”D x 30”H • Work surface should have lockable built-in storage below including a combination of 6”D and file drawers (at least 4) as well as cabinets with adjustable shelving 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Task chair 	



Administration/Guidance

Office B (Attendance, Registrar, Officer)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Attendance Clerk, Registrar, Officer Staff Students Parents 	<ul style="list-style-type: none"> Administrative tasks Preparation of correspondence and reports Creating and documenting new and existing students Meeting with parents, students and other visitors
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Blinds on windows 4'x8' marker board 4'x8' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Double pedestal desk with center drawer & lock, 60" x 30" Task chair 2 Guest chairs 4-shelf bookcase, 52"H x 36"W x 15"D 4-drawer vertical file, letter size, lockable 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Conference Room, Small – Guidance/Student Services

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Staff/Faculty • Parents • Visitors 	<ul style="list-style-type: none"> • Meetings/Conferences between Faculty/Staff and Students, Parents and Community
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • Marker and tack board in cabinet 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Credenza • Conference table for 6 people • 6 Swivel, tilt armchairs 	



Administration/Guidance

Records/File Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Guidance Clerk Counselors Administrators 	<ul style="list-style-type: none"> Storing and retrieving student records
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Room should be treated as a 1 hour fire-rated enclosure. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Maximum LF of heavy-duty, adjustable, wall-mounted shelving above filing cabinets for additional storage 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> 24"x36" table 2-door lockable storage cabinet Side chair 10 - 5-drawer vertical file cabinets 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Mail Pick Up

USERS: <ul style="list-style-type: none">• Faculty• Staff	ACTIVITIES: <ul style="list-style-type: none">• Picking up mail• Reading notices• Dropping off mail
DESIGN CONSIDERATIONS: <ul style="list-style-type: none">• Provide in/out doors off of secondary corridor.• Mailboxes provide separation between this space and workroom/break room.	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed <ul style="list-style-type: none">• 4'x8' tack board	
Owner Furnished – Contractor Installed <ul style="list-style-type: none">• None	
Owner Furnished – Owner Installed <ul style="list-style-type: none">• None	



Administration/Guidance

Workroom/Break Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Faculty • Staff • Volunteers • Parents 	<ul style="list-style-type: none"> • Copying • Collating • Preparing communications for mailing • Laminating, book making, poster making • General office work • Storing and retrieving supplies • Mail delivery and retrieval
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Mail slots should open directly to mail pick up room. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • 4'x8' marker board • 4'x8' tack board • 120 - 12"W x 9"H x 12"D pass through mail slots with 24"D adjustable shelving below for packages • Approximately 10 LF of casework with countertop, sink cabinet, drawer/door base cabinets and door/shelf wall cabinets • Large counter (standing height) in the middle of the space for sorting (with a stack of flat file drawers and drawer/door cabinets). 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 36" x 72" work tables • 6 Lounge chairs • Refrigerator with icemaker • 8 Chairs • 2 - 42" square tables • Vending machines – 2 drink & 1 snack (vendor provided) • Microwaves/Oven • Copier 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Shared – Professional Development/Data Center

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Teachers • Administrators 	<ul style="list-style-type: none"> • Keeping track of student progress and activity • Professional teacher training, development and in services
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 2 walls continuous tackable surface • 2 walls continuous marker surface 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 24"x36" tables • 2-door lockable storage cabinets • Swivel, tilt chair • 5-drawer vertical file cabinets • Television and/or Electronic marker Board 	



Administration/Guidance

Shared – Teacher Work Center, Work Stations

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers 	<ul style="list-style-type: none"> Preparing lesson plans Teacher supply storage Researching Meeting
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x4' marker board 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Modular open office systems furniture with keyed over desk storage and file drawers, each set separately keyed to a master. Tilt swivel desk chairs on casters 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Shared – Teacher Work Center, Copier Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers 	<ul style="list-style-type: none"> Preparing lesson documents Teacher supply storage
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x8' marker board 4'x8' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Copier Tall double door storage cabinet 	



Administration/Guidance

Shared – Teacher Work Center, Conference Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Teachers 	<ul style="list-style-type: none"> Meetings Collaboration
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 4'x8' marker board 4'x8' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Credenza Conference table for 6 people 6 Swivel, tilt armchairs Television and/or Projector 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Shared – Teacher Work Center, Break Area

USERS: <ul style="list-style-type: none">Teachers	ACTIVITIES: <ul style="list-style-type: none">LoungingEating
DESIGN CONSIDERATIONS: <ul style="list-style-type: none">None	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed <ul style="list-style-type: none">4'x8' marker board4'x8' tack board	
Owner Furnished – Contractor Installed <ul style="list-style-type: none">None	
Owner Furnished – Owner Installed <ul style="list-style-type: none">ChairsTables	



Administration/Guidance

Shared – Office B (Itinerant)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Staff • Students • Parents 	<ul style="list-style-type: none"> • Administrative tasks • Preparation of correspondence and reports • Creating and documenting new and existing students • Meeting with parents, students and other visitors
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate with Neighborhoods, Office B (AP) and Teacher Work Centers. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • 4'x4' marker board • 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Double pedestal desk with center drawer & lock, 60" x 30" • Task chair • 2 Guest chairs • 4-shelf bookcase, 52"H x 36"W x 15"D • 4-drawer vertical file, letter size, lockable 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Administration/Guidance

Office A (Security Office)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Staff/Faculty • Security Staff • Students • Parents 	<ul style="list-style-type: none"> • Assisting in administrative record keeping • Preparation of correspondence, reports and other administrative tasks • Private conferences
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate with easy and discrete access to exterior 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds on windows • 4'x4' marker board • 4'x4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Double pedestal desk with center drawer & lock, 60" x 30" • Task chair • 2 guest chairs • 4-shelf bookcase, 52"H x 36"W x 15"D • 4-drawer vertical file, letter size, lockable 	



Administration/Guidance

Shared – Multi-Use/Community Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Community Members • Principal • Staff/Faculty • Parents/Students • School Support Groups (PTO, etc.) 	<ul style="list-style-type: none"> • Meetings/Conferences between Faculty/Staff and Students, Parents and Community
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate near Administrative offices 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Approximately 6' LF casework including, sink cabinet, door base and wall cabinet • Blinds on windows • Marker board • Tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 2 door locking storage cabinet • 8 modular tables for easy rearrangement depending on room use (18" x 48") • 16 stackable chairs • Projector 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL





FOOD SERVICE



Food Service

Overview:

School Food Service Trends

Source: National Food Service Management Institute

Purchasing food service equipment and/or planning new and renovated school nutrition facilities can be one of the most challenging projects for school administrators. Success with these projects can be achieved by communicating with professionals in the industries of school food and nutrition, engineering, and architecture.

There are many aspects that need to be considered. When you take into account the rapidly changing architecture technology, the constantly evolving school food nutrition requirements, and student preferences, it is essential to design school cafeterias that are functionally sound, financially and operationally efficient, and student relevant.

A state-of-the-art school cafeteria and operation can make a significant impact on student participation in the child nutrition program and thereby on student performance.

Furthermore, with the increase in the number of summer or after-school feeding programs across the country, and especially in urban settings, school cafeterias are evolving into areas for community centers, parent open houses, and other common meeting places, acting as living rooms for the broader community we serve.

Key Considerations in Designing a Successful School Food Operation and Cafeteria

Increased Emphasis on Health and Wellness

- The Healthy, Hunger-Free Kids Act of 2010, championed by First Lady Michelle Obama and signed by President Obama, authorizes funding and sets policy for the United States Department of Agriculture (USDA) core child nutrition programs, including the National School Lunch Program and National School Breakfast Program. Through this Act, the USDA made the first major changes in school meals in 15 years to help ensure a healthier generation of children. These changes are intended to significantly benefit the long-term well-being and success of today's students.
- Even prior to the Healthy, Hunger-Free Kids Act of 2010, during the Child Nutrition and WIC Reauthorization Act of 2004, and in addition to wellness policies on food and nutrition education, there were ramifications and policies focusing on the food environment, food service operations, and even food service equipment and design. For example, local policies might suggest the following in regard to the eating environment:



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SHARPSTOWN HIGH SCHOOL

- **Increased Emphasis on Health and Wellness (continued)**
 - Dining areas should be clean, attractive, well lighted, and well maintained and should provide adequate time and space to eat meals.
 - Dining areas should be designed to minimize the amount of time that students spend waiting in line.
 - Safe drinking water and convenient access to facilities for hand washing and oral hygiene should be available during all meal periods.
 - Dining areas should consider additional wellness messaging in their design, such as the need for signage or demonstrations that incorporate wellness education.
- The increased emphasis on healthy methods of cooking has also changed the types of equipment that used to be standard in food service kitchens. For example, instead of deep- fat fryers that once were included in kitchen preparation areas, steamers and convection ovens are now a more suitable replacement.

Food Security and Emergency Preparedness

Food security and emergency preparedness are very real issues for today's school nutrition programs. Crisis management may include having a plan in place in case of lockdown of a school building. Such a crisis may require schools to plan food to accommodate a different number of students, particularly for centralized or satellite operations. Security planning may include additional locking, camera, or communication systems, such as phone tree networks, or an NOAA radio which was originally used to transmit weather-related information, but can also be used to communicate other alerts and emergency information.



Emergency planning for natural disasters is also receiving renewed attention, both from the standpoint of planning for evacuation and for sheltering in place. The idea of sheltering in place as a response to an emergency situation may mean that schools must contend with the possibility that a major incident might necessitate keeping students at school for longer periods of time, such as days rather than hours. The use of schools for emergency shelters for both students and residents of the community has also become a priority planning issue with disasters such as Hurricane Katrina.

Alternate Food Production Systems

Labor shortages are not new, but continue to be a concern across the entire food service industry, including schools. To answer this problem, some large school districts such as HISD have switched to centralized production facilities. Although high school kitchen designs tend to focus more on fresh on-site cooking, often in view of the customer service area, many high-use items can be prepared in the central location and supplied to the school campus to eliminate preparation time and deliver consistent, safe products for menu incorporation. This method reduces equipment, inventory, and storage needs in school sites. In most cases, it can reduce overall labor or, at a minimum, redirect labor to a front-of-the-house customer focus.



This is especially critical with older student customers.

Smaller and More Mobile Equipment

Newer equipment trends include a focus on smaller equipment and more mobile units, particularly for self-service areas such as salad, deli, or fruit and vegetable bars. Smaller and more mobile equipment offers the maximum flexibility to accommodate daily, as well as long-term menu needs. In addition, smaller, more mobile equipment also allows the service of food in schools in non-traditional locations.

Equipment with New or Blended Technologies

Cooking equipment with multiple or blended cooking options has become more common. Blended cooking equipment offers efficient and faster cooking. Examples include:

- Combi-ovens which offer the opportunity to cook with or without steam
- Central cooking units or “mono-blocks” may include gas burners, induction cooking plates, electric solid tops, wok ports, etc.
- Combined convection and microwave systems
- Combined lightwave and microwave ovens

Combination technology is now being found in other areas besides cooking equipment. Blixers or combination blenders and mixers are a more versatile and powerful option in food preparation. Conversely, more specialized equipment is also popular. Although not as commonly purchased in schools, bagel mixers, pizza ovens, and specialty coffee equipment have become popular in commercial restaurants.

Labor-Saving Options

Automation of equipment has already been used as one solution to the labor shortage in quick service restaurants. While schools may not be able to take advantage of this solution as completely as other segments of the food service industry, purchasing equipment that enables labor savings is one way to combat the labor shortage. Options that schools have installed include self-cleaning or descaling systems on certain types of equipment such as steamers, or water washing hoods that can be pre-set to wash when they are not being used. A trend toward manufacturing equipment with built-in maintenance operations is being observed across the board for many types of equipment. As it becomes a value-added feature, it may also reduce warranty cost.

Better Ventilation

Newer technology in ventilation systems allows for more comfortable work environments. Newer technologies include ventless hoods and cooking equipment that have been developed to allow the use of equipment outside of a ventilation hood; an example would be some specialty steamers. Local regulations should be followed in regard to the use of these; however, some schools have profited from the expanded cooking area. Less equipment underneath the hood might also be considered energy saving as it decreases the load on the heating, ventilation, and air conditioning (HVAC) systems. Due to increasing energy costs, the goal to minimize ventilation needs is also a trend for the future. In addition, ultraviolet hoods are now available for cleaning grease that accumulates in and above range filters and ducts.

Increased Emphasis on Food Safety

Implementation of HACCP (Hazard Analysis Critical Control Point)-based Standard Operating Procedures is required in all areas of the school food service operation shown below:

- Improved chilling of foods with smallwares and refrigeration equipment
- Better temperature tracking with faster and more convenient types of thermometers (for example, thermocouple and infrared thermometers) as well as more efficient documentation systems
- Decreased cross-contamination with equipment and supplies using color-coded methodology
- Greater availability of equipment that meets HACCP standards
- More effective hot- and cold-holding of foods
- Greater emphasis on equipment that is easy to clean and sanitize, as well as more effective, easier-to-use cleaning supplies
- Equipment systems that are integrated into computerized smart systems for better tracking and efficiency

Incorporation of Electro-Processors and Computers into Equipment

The use of electro-processor-based controls from electro-mechanical controls has become the standard. Electro-processor-based controls may be seen as digital read outs, touch pads, and other computer programming options. As these controls have become more reliable and multi-functional, they also have become smaller.

This enhancement results in a smaller piece of equipment with the same or greater production capacity. Programmable equipment can also result in significant energy savings if it is used to adjust equipment settings during periods when the equipment is not needed. It has been used extensively for heating, ventilation, and air conditioning systems, but is also possible in other areas.

Computer technology also includes computer monitored freezer alarms that will dial the central office or designated manager's home phone if the temperature falls to a certain level. Food loss can be avoided and food safety maintained with the proper use of these alarm systems. Computers can even be used to track defrost cycles and how long the freezer doors remain open.

Smart kitchens are one of the latest trends that make a great deal of sense in light of today's energy concerns. In a smart kitchen, equipment is hooked up to modems to remotely monitor temperature changes, malfunctions, and data related to food safety, as well as data related to food quality. Smart systems are a wave of the future for efficiency, quality, and control, but require greater investment to start. Examples of equipment that could be hooked up to smart systems include warewashers, blast chillers, walk-in and other refrigerators, and cooking equipment, as well as heating, ventilation, and air conditioning systems.



More Colorful and/or Less Expensive Construction Materials

Construction materials have also evolved. Although stainless steel will continue to be viewed as one of the most durable materials, newer materials are being developed that are attractive and less expensive, yet still very practical. Some of these materials even incorporate additional benefits, such as antimicrobial properties. Examples range from colorful porcelain or enamel on equipment surfaces to the use of new materials such as silicone for smallwares. Silicone bakeware offers unique properties for insulation, but is considerably more expensive than metal bakeware and is not as likely to be used in volume preparation. Color-coded cutting boards, utensils, and plastic boxes offer food safety protection through their ability to identify their separate use for different food products, such as poultry, beef, and vegetables, thus minimizing the risk of cross-contamination.

Environmentally Friendly Equipment

Manufacturers are adapting equipment to meet growing environmental concerns. These concerns include energy use, air quality, water quality, and water use. Other environmental trends include reflective window glass, products made from recyclable materials, or energy-saving equipment. For example, air-cooled ice machines may be selected over water-cooled ice machines.

Consumer Trends

Changing lifestyles have affected the way we serve food in school cafeterias. There are many factors that contribute to this:

- **Changing Lifestyles:** Students are clearly more savvy and sophisticated in their tastes and desires for food service. Students have higher expectations resulting from their dining out experiences. Their expectations demand a wider variety of foods, better quality, increased food service choices, and an enhanced dining atmosphere. Students expect what they see in retail food courts or restaurants.
- **Dining Environments:** Student demands include more variety including “ethnic” menu items that are served in retail-like environments that offer convenience. Historical “scramble” or “single line serving” systems are not sufficient to satisfy the needs of these increasingly demanding and savvy students. There also is an increasing requirement to focus on the student as a “customer” instead of as a “captive audience.”
- **Convenience:** Speed of service is a significant determining factor in the success of the food service operation as students simply do not want to wait in line. As a result, multiple service points are becoming the norm in new school cafeteria designs. Nationally, students have 22 minutes on average to pick up their food and eat. Most students prefer to spend this time eating and socializing with their friends rather than waiting in line.

According to the student ViewPOINT™ survey conducted by ARAMARK Education in 2012 among 42,000 students across the country:

- *Of the students who skip lunch or do not eat at the cafeteria, 53 percent of them stated that long lines are the main reason why they do not eat at the cafeteria one or more days in a week.*
- *Eighty percent of the students stated that shorter lines or line speed is an important factor when they decide whether or not to get lunch at school.*



Service Trends

The trends being observed in new school food service programs include a blend of self-service and multiple points of employee service with greater showcasing of food. This includes more open kitchen/preparation areas allowing for some part of the food preparation to be seen and appreciated by the student customer. Rounding out this trend is the food service operations' use of school kitchens to prepare meals for non-student populations. If a school program provides meals to groups outside of the school population or is considering it in the next five years, there may be an additional set of customer expectations to address in the purchase of food service equipment.

A guiding principle when making equipment purchasing decisions should be flexibility to meet future needs of the changing customer base. This will allow operations to handle incoming fads and long-term trends while maintaining operational viability.

Food Court Concepts

The food court design has been an extremely popular trend where students select from various specialty stations, such as burger bars, deli stations, and taco bars. This allows the students to wait only at the stations of their choice and go to different stations depending on their preference for the day. These kiosks or stations should consider providing standard pieces of equipment in each station so flexibility is retained when menus are redesigned as student tastes change.

Alternative Service Points

Quick service walk-up windows are being offered in some schools with positive outcomes. These service points can be in addition to the food court concept as an alternative point of service for the student population to be able to “grab and go.” Schools also feel that the window service allows additional opportunities beyond the normal meal service periods. Clubs, for example, may use the windows after hours to sell concessions for different events at the school.

Speed Lines

Speed lines provide a fast system where multiple points of service are offered. Foods may include pre-wrapped products such as fresh salads, bagged lunches, breakfast meals, or other grab-and-go healthy options. Lines are often double-sided and the focus is on efficient movement for students on the go.

Kiosks and Food Carts

Kiosks offer food for faster service at small, mobile, free-standing carts. This increases and/or diversifies the number of service locations offered. It also enables higher participation as we are able to take more options to the students in places such as hallways, entrances, and gymnasiums.



Exhibition-Style Cooking

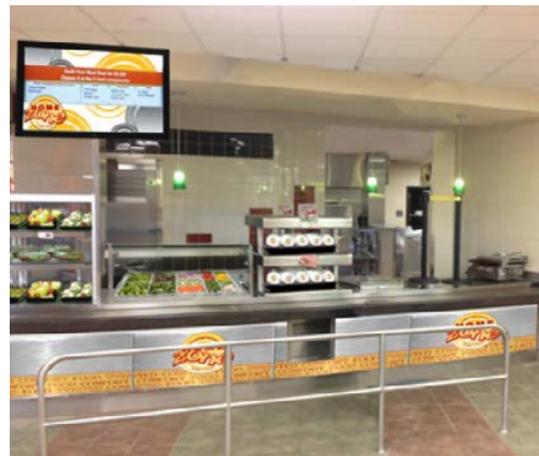
Some form of display cooking or custom assembly of food right in front of the customer's view adds to a preferred perception of quality and freshness. Savvy students of all ages are catching on to the resurgence of "fresh is best." Television cooking channels also continue to push this approach as well as increasing the popularity of cooking "from scratch."

In order to meet customer demand for freshness, high schools may choose to include exhibition-style cooking at some service points. Panini grills, conduction cook tops, woks, grill/broilers, and pizza impinge (conveyor) ovens are often incorporated in cooking areas behind the service stations. Given the high volume of typical school lunch period customer traffic, these stations are limited to certain service points and are incorporated into serving areas offering more traditional speed-of-service and grab-and-go stations to meet volume demands. They serve to pique customer interest and sales and should be versatile to meet changing student preferences.

Critical Needs List

Following site visits to a number of Texas schools a broader group of HISD Food Services/ARAMARK operations and support services senior team members reviewed the findings and discussed key local considerations for an HISD facility. The group included leaders from maintenance, quality control, operations, warehouse and distribution, marketing, and administrative staffs. The following five factors were determined to be the critical drivers to successfully achieving HISD's food service's end goal:

1. Key regulatory considerations/National School Lunch Program requirements:
 - a. HISD should continue offering a large variety of fresh fruit and vegetables with every meal. Adequate and refrigerated merchandising space is needed on each service line.
 - b. The POS (point-of-sale) units must be located at the end of the serving line after all food and beverages have been served in order to comply with NSLP regulations.
 - c. To comply with NSLP potable water access regulations, water fountains must be located in the dining area.
2. Changing trends in menus:
 - a. Student ViewPOINT surveys conducted over the last three years in all HISD middle and high schools show the consumer preference to continue popular build-your-own style serving options for our students.
 - b. Relevant concepts and environments where students want to eat must be offered.
 - c. Serving lines need mobile serving equipment and versatile cooking equipment to change menu theme with consumer preference. For example, this could include a grill station that can



Home Zone Concept

Traditional and fresh fare; build-your-own meal as you like it

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- double as a Mexican theme station (including fresh tortilla grilling and live action preparation of items) without major equipment change.
- d. The HISD Parent Advisory Committee recommends that small high schools be afforded full-service menu options with a cooking facility versus a non-cooking satellite setup whenever possible.

3. The HISD Food Services Support Facility (FSSF) production model:

- a. Specialized small equipment needs will be kept to a minimum as all HISD campuses are supplemented with prepared foods from the Food Service Support Facility.
- b. Storage space needs are significantly less than the NFSMI standard as the FSSF warehouse and production center controls the product delivery schedule and menuing. Inventory levels in HISD campuses are tightly controlled.
- c. With the production facility supplementing food production, site staffing should meet service model requirements with the majority of staff assigned to the serving line area for speed of service at an average of 17 students per minute.

4. Design by enrollment:

- a. The size and number of serving areas should adjust and vary with enrollment. À la carte serveries were deemed necessary at all campuses, with smaller locations serving less enrollment receiving smaller à la carte serving areas.

5. Equipment considerations:

- a. Equipment quantities will adjust with enrollment size, although the type of equipment would be standard for most school models.
- b. Walk-in freezers should open into coolers to temper air.
- c. Cook lines should be separated in larger kitchens to manage the work flow of traffic efficiently and to avoid unsafe conditions.



Corner Crust Original Pizza & Pasta
Made fresh and daily: pizza, salads, calzones, and made-to-order pasta



ARAMARK Marketing and Design Services Engagement

ARAMARK regional and national marketing representatives were engaged to discuss consumer trends in dining and service concepts to ensure that the proposed cafeterias for HISD 2012 Bond High Schools would be in line with cutting-edge marketing trends. John Kandemir, Vice President of ARAMARK Education Marketing, and Rick Ward, Regional Marketing Director, were consulted for their expertise in consumer trends and operational design to meet consumer expectations.

John and Rick monitor the latest research from education organizations, K–12 publications, industry experts, and agencies to stay abreast of K–12 legislation, regulations, and food and customer trends. Providing their expertise and support to more than 400 school district partners across the country, they complement their research with a proprietary ViewPOINT Survey to provide an integrated 360-degree view of the K–12 environment that delivers insight for school-specific improvements and innovation. The local HISD ViewPOINT Survey results were considered in developing this document.

ARAMARK Capital Projects' design experts were also consulted for their expertise and validation of our plan direction. Their group connects resources, guides capital project innovations, and educates the company and its partners on ways to maximize investment value. They are responsible for ARAMARK's creation and management of dining concepts, facility design standards, and managing our network of equipment and smallwares relationships. The Associate Vice President of Project Development, Michael Bolanos; Director of Project Execution, Bill Miller; and Project Agent, Mark Bond, were specifically consulted in our planning.

Last year they supported more than 500 facility and food concept design projects throughout ARAMARK. The K–12 district partners made up over 200 of these projects, including the concept development of the 75 new build-your-own service lines recently installed in HISD high schools. Their expertise, feedback, and support have been invaluable in the development of the enclosed plan.

The facilities described on subsequent pages provide for the preparation and serving of food to the students, staff and faculty. The Dining Commons serves not only as a place for eating but also a location used by the school for assemblies and student performances.

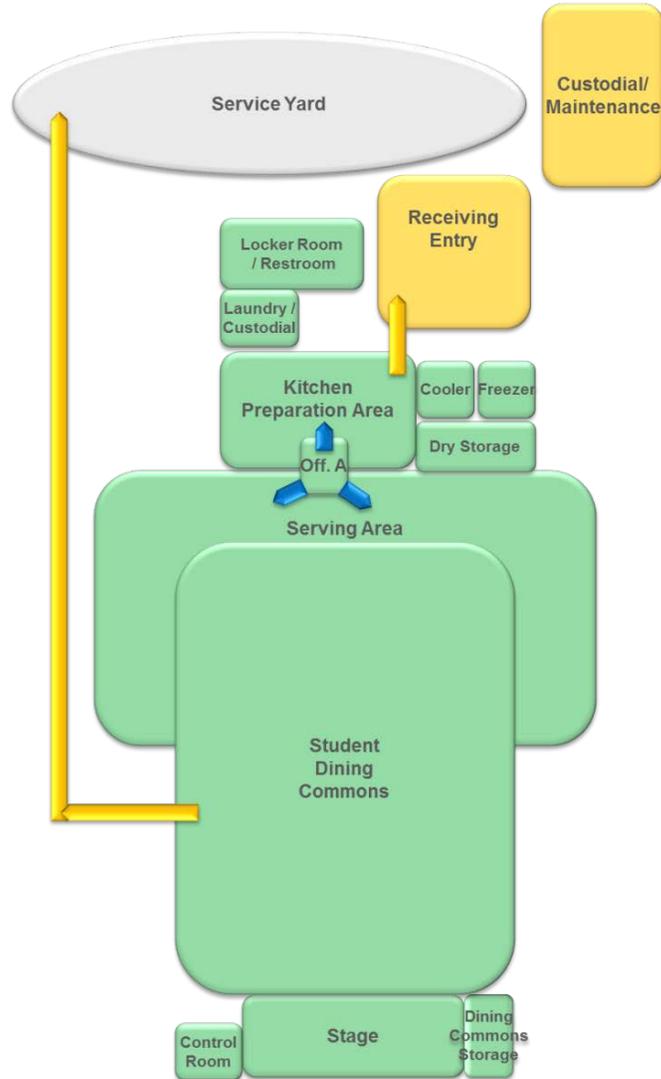
These facilities should be located in close proximity to the Custodial/ Maintenance area so that the receiving area can be shared.





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL



Legend

-  Physical connection
-  Visual connection
-  Physical and/or acoustic separation

The functional relationships illustrated are diagrammatic only. Further interpretation of these relationships shall be implemented by the Design Team.



Space Requirements

Food Service	Teaching Station(s)	Quantity	Square Feet	Net Area
Kitchen Preparation Area		1	1,450	1,450
Serving Area		1	1,435	1,435
Dry Storage		1	325	325
Freezer		1	210	210
Cooler		1	120	120
Kitchen Manager's Office		1	85	85
Laundry/Custodial Area		1	70	70
Locker Room/Restroom		1	160	160
Student Dining Commons (seating for 1/3 of students at one time plus 200 for dining)		1	8,500	8,500
Stage		1	1,200	1,200
Control Room		1	100	100
Dining Commons/Mall Storage		2	115	230
Total		0		13,885





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Food Service

Kitchen Preparation Area

USERS:		ACTIVITIES:	
<ul style="list-style-type: none"> • Manager • Food Service Staff 		<ul style="list-style-type: none"> • Preparation of food • Cooking foods • Staging meals before moving to serving lines • Cleaning equipment, work surfaces and floors 	
DESIGN CONSIDERATIONS:			
<ul style="list-style-type: none"> • Equipment shall be located under two exhaust hoods located in close proximity to serving areas. • Gas line to be exposed with additional electric circuit for expansion. • Fire protection system – add one floor sink and water connection under each hood. • Doorbell at receiving should be audible in Food Preparation Area. • Allow space to store Utility Carts. • Provide a minimum of 4' - 0" wide doors. • Provide window, peep hole or camera for visibility of persons making deliveries to those receiving deliveries. 			
FURNITURE, FIXTURES & EQUIPMENT:			
Contractor Furnished – Contractor Installed			
<ul style="list-style-type: none"> • Markerboard • Tackboard • Cookline: <ul style="list-style-type: none"> • 2- Vent Hoods, 15' min. size each • Fire Protection System • 3- Convection ovens, double • 2- Steamer Electric w/stand • 1- Oven • 1- (4) Burner Range convection oven • 1- Two comp. sink w/disposal • 1- Disposal • 4- work tables min., number as needed • 10' Worktable w/ utility rack located in front of cook line, number as needed 		<ul style="list-style-type: none"> • 10- Pan Racks (Bun rack) • 1- Three compartment sink w/shelf • Mobile Utensil shelf, number as needed • 1- Ice machine w/bin • 11- Utility Carts • 8- Dolly, Milk Case • 10- Camcarts (1 cart for every 100 students) • Small Wares package(s), as needed • 3- Manual Can openers • 1- Commercial Blender 	
Owner Furnished – Contractor Installed			
<ul style="list-style-type: none"> • Soap Dispensers • Paper Towel Dispensers 			
Owner Furnished – Owner Installed			
<ul style="list-style-type: none"> • Clock(s) 			



Food Service

Serving Area

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Kitchen Manager • Food Service Staff • Students • Faculty 	<ul style="list-style-type: none"> • Serving food • Receiving payment for food
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Equipment is based on a minimum of 3 lunch periods. • Serving will be in a food court design – number of stations dependent upon school capacity. • If more than four stations, one station to be separate from kitchen so it can be used by school organizations after hours. • Doorbell at receiving should be audible in Serving Area. • Provide a minimum of 4'-0" wide doors. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 2- Traditional (Standard Serving Lines) <ul style="list-style-type: none"> • 1 – Cold Display Merchandiser, 3' min. • 2- 3' Serving Unit Pan Flat • 1- 5' Serving Unit Pan Hot • 1- 3' Serving Unit Pan Cold • 1- Cold Tier Hot/Frost • 1- Cash Table • 2- Specialty Line <ul style="list-style-type: none"> • 2- Cold Tier Hot/Frost • 1- 2' Serving Unit Pan Cold • 1- 3' Serving Unit Pan Flat • 1- 4' Serving Unit Pan Hot • 1- 3' Serving Unit Pan Cold • 1- 2' Serving Unit Pan Flat • 1- Cash Table • 1- Snack and Go <ul style="list-style-type: none"> • 5- 5' Serving Unit Pan Flat • 4- 2' x 3' Flat Table • 2- Table Top Cold Unit • 2- 3' Hot Gravity Feed • 3- Cash Tables • 1- Heated Cabinet, 2 Door, pass thru preferred • 1- Refrigerator, 1 door, pass thru preferred • Back Counter, as needed • Multi-fold Hand Towel Dispensers • Soap Dispensers • Electronic Display (Menus) – One for each serving line 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Point Of Sale (POS) Units – One for each serving line • Adjustable height stools – One for each serving line • Clock(s) 	





Food Service
 Dry Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Food Service Staff 	<ul style="list-style-type: none"> • Storing dry food / supplies
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate Dry Storage near Kitchen Preparation Area • Locate Dry Storage for easy access to Receiving Entry • Provide security camera to monitor entrance • Provide a minimum of 4' - 0" wide doors. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 2 - Can Racks – gravity fed • Dry Storage Shelving, solid, as needed • Dunnage Racks, solid, as needed 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



Food Service

Freezer

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Food Service Staff 	<ul style="list-style-type: none"> Storing frozen food
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Locate freezer near Kitchen Preparation Area and have it open from Cooler. Enter freezer through cooler Locate for easy access to Receiving Entry Provide computerized remote monitoring system. Provide a minimum of 4' - 0" wide door 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 1- Walk-in Freezer – TN-078, walk thru evenly spaced, min. 400 sq. ft. 2- Dunnage Racks, (Vented cold storage) Cold Storage Shelving, vented, number as needed. 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Food Service

Cooler

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Food Service Staff 	<ul style="list-style-type: none"> • Storing cold foods • Defrosting frozen food
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate cooler near Kitchen Preparation Area and have it open into both Prep and Freezer • Locate cooler/freezer for easy access to Receiving Entry. • Provide computerized remote monitoring system • Provide a minimum of 4' - 0" wide doors. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 1- Walk-in Cooler, walk thru evenly spaced, min. 400 sq. ft. • 2- Dunnage Racks, (Vented Cold Storage) • Cold Storage Shelving, vented, number as needed 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



Food Service

Office A (Kitchen's Manager's Office)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Manager 	<ul style="list-style-type: none"> • Filing out Food Service documentation • Reviewing employee request • Ordering supplies • Counting cash •
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Locate manager's office in a central location to allow visibility into kitchen prep area, service line holding area and receiving. • Provide window, peep hole or camera for visibility of person receiving deliveries. • Provide windows above 3' to below ceiling on all sides. • Doorbell at receiving should be audible in Kitchen Manager's Office and Kitchen Preparation Area. • If camera is provided it needs to be monitored through the computer system in the office. • Combination safe should be secured to the building in a non- visible space in the office. • Provide minimum of 4' wide doors. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 1- Combination Safe • 4' x 4' marker board • 4' x 4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Desk • 1- Task Chair • 1- Guest Chair • File Cabinet • Bookcase • Blinds • Clock • Printer • Computer • Trash cans 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Food Service

Laundry/Custodial Area

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Manager • Food Service Staff 	<ul style="list-style-type: none"> • Washing food prep clothes and aprons • Drying food prep clothes and aprons • Storing cleaning supplies • Storing cleaning equipment • Cleaning mops
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide sufficient ventilation to prevent fumes from cleaners from damaging mother boards in washer and dryer. Alternatively, provide separate rooms for 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 1- Washer • 1- Dryer • Shelving, composite, as needed • Mop/Broom Rack • Mop Sink 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper Towel Dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



Food Service

Locker Room / Restroom

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Kitchen Manager • Food Service Staff 	<ul style="list-style-type: none"> • Staff clothes changing • Storing of personal items by Staff
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide floor drains with easy access clean-outs. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 8-10 Lockers min. • Coat Hooks 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Paper towel dispenser • Soap dispenser • Toilet paper dispenser 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Bench • Clock 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Food Service

Student Dining Commons

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Kitchen Manager • Food Service Staff • Students • Faculty 	<ul style="list-style-type: none"> • Eating • Student Assembly • Social Gathering
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide access from Dining Commons to dumpster area without going through Kitchen Prep. • Include drinking fountains in the Dining Commons per code • Provide area for future addition of vending machines 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 4' x 8' Tack board(s) • Connections for projectors • Sound System, to balance sound throughout the room • Electronic Display • Charging stations, as needed 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Tables and chairs for 1/3 of the program capacity plus 200 for dining • Size and shape of tables should be varied to prevent an institutional appearance • Clock 	



Food Service

Student Dining Commons – Stage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Faculty 	<ul style="list-style-type: none"> • Student Performances • School Assemblies • Drama Rehearsals • Dance Rehearsals
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Provide stage lighting with control board. • Provide outlets and microphone plugs at the top step. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Motorized Projection Screen • Curtains – front, sides and back • Mirrors behind curtains on back wall of stage for potential use as a dance rehearsal area 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Food Service

Student Dining Commons – Control Room

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Faculty 	<ul style="list-style-type: none"> • Controlling stage lighting • Controlling sound system • Storing A/V Equipment for stage
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 4' x 4' Markerboard • 4' x 4' tack board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Chairs • 30" x 60" table • Tall lockable 2-door cabinets 	



Food Service

Student Dining Commons – Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Kitchen Manager • Food Service Staff • Students • Faculty 	<ul style="list-style-type: none"> • Storing dining tables and chairs • Storing dining room equipment
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Cart for Chairs • Cart for Tables 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL





CUSTODIAL / MAINTENANCE

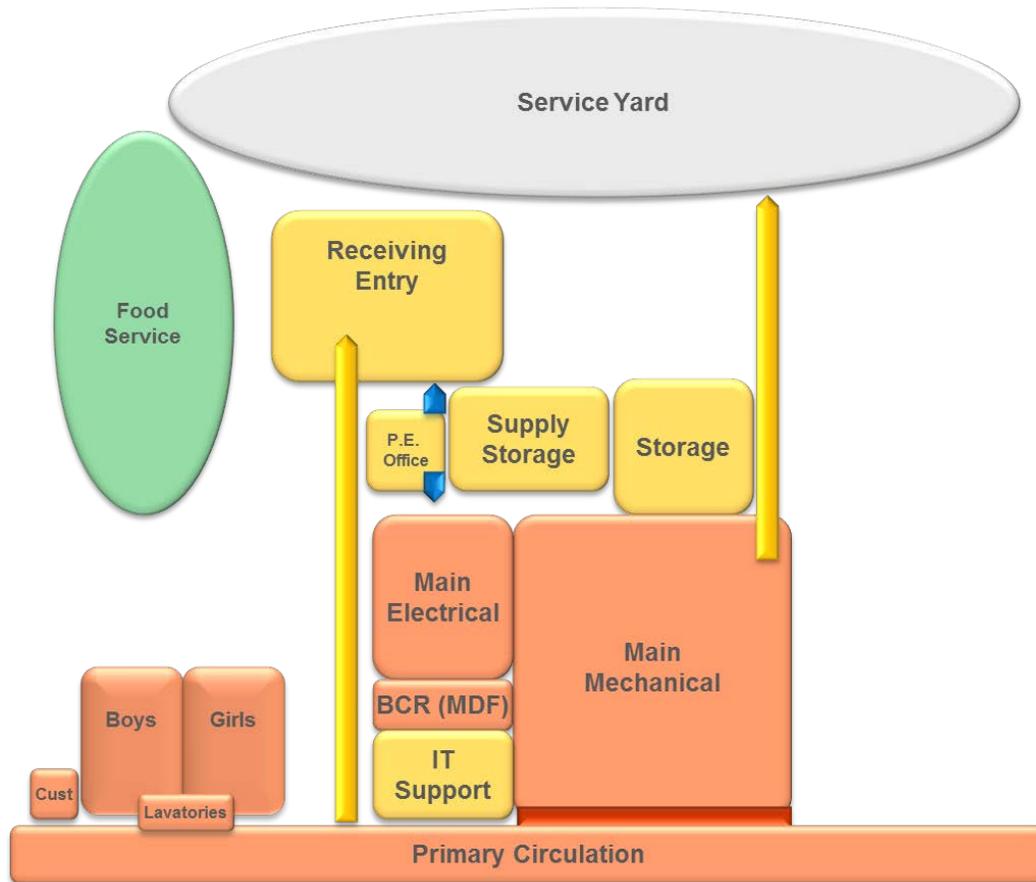


Custodial / Maintenance

Overview:

These facilities provide for the cleaning and maintenance of the facility and include not only spaces dispersed throughout the school, but also central facilities for receiving, inventorying and storing supplies and equipment.

The centralized facilities should be located in close proximity to the Food Service area so that the receiving area can be shared.



Legend

-  Physical connection
-  Visual connection
-  Physical and/or acoustic separation

The functional relationships illustrated are diagrammatic only. Further interpretation of these relationships shall be implemented by the Design Team.





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL

Space Requirements

Custodial Maintenance	Teaching Station(s)	Quantity	Square Feet	Net Area
Receiving Entry		1	150	150
Office, Plant Engineer		1	85	85
Custodial/Maintenance Storage		1	250	250
Supply Storage		1	350	350
Locker Room		1	70	70
Computer Repair (with transaction counter)		1	850	850
IT Support		1	150	150
School Bus Office		1	100	100
Custodial Closet		7	70	490
Total	0			2,495



Custodial / Maintenance

Receiving Entry

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Plant Operator Maintenance Staff Custodial Staff Kitchen Staff Delivery Personnel 	<ul style="list-style-type: none"> Filing out documentation for receipt of goods Receiving miscellaneous school supplies Receiving equipment Receiving food deliveries Disposal of school & food service waste
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Provide space for waste bins and a recycle bin in Service Yard. Loading area is not to be a dock, but a curb. Provide doorbell that will be audible in kitchen. Provide window, peep hole or camera for visibility of persons making deliveries to those receiving deliveries. Provide bollards to prevent damage to buildings. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	





Custodial / Maintenance

Plant Engineer's Office

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Plant Engineer • Custodial Staff • Maintenance Personnel 	<ul style="list-style-type: none"> • Office functions for Plant Engineer • Repairing equipment using hand tools • Scheduling of custodial staff • Reviewing staff requests
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • View to Receiving Entry 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • 4' x 4' Tack board • 4'x4' Marker board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • Desk • Filing cabinet • Task chair • Guest chair • Bookcase 	



Custodial / Maintenance

Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Plant Engineer Custodial Staff Maintenance Personnel 	<ul style="list-style-type: none"> Repairing equipment using hand tools Storing miscellaneous building supplies Storing building maintenance equipment
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> 3 locking cages to secure equipment/supplies 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> 30" x 48" table 2- Chairs 3 tall deep heavy duty shelf units Maximum LF of 24" D x 84" H x 16' L heavy duty open adjustable shelving on perimeter 	





Custodial / Maintenance

Supply Storage

USERS:	ACTIVITIES:
<ul style="list-style-type: none">• Plant Engineer• Custodial Staff	<ul style="list-style-type: none">• Storing miscellaneous school supplies• Storing school furniture• Storing school equipment
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none">• None	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none">• None	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none">• None	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none">• Adjustable metal shelving	



Custodial / Maintenance - IT Support

Computer Repair

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • 2 Computer Repair Technicians • 2-4 Students 	<ul style="list-style-type: none"> • Distributing computers • Receiving computers needing repair • Repairing computers • Instructing students on the repair of computers
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • No exterior windows 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Blinds for windows • Power and Data outlets located along perimeter • Marker Board • Tack Board 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 2 tall storage cabinets with adjustable shelving • 2 Modular open offices • 6 task chairs • 1 bookcase (height may be dependent on window sill height), with adjustable shelving • Modular counter designed to receive computers for repair or return and from which to distribute computers at the beginning of school year • Clock • Lockable cabinet and shelving 	





HISD EDUCATIONAL SPECIFICATIONS
SHARPSTOWN HIGH SCHOOL

Custodial / Maintenance - IT Support
 IT Support

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • IT Personnel • Plant Operator 	<ul style="list-style-type: none"> • Store IT equipment • Repair IT devices
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • None 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • 30 x 60 Table • 2 Chairs • Adjustable shelves 	



Custodial / Maintenance

Custodial Closet

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Plant Engineer Custodial Staff 	<ul style="list-style-type: none"> Storing of Mops and Brooms Cleaning of mops and other custodial equipment
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Locate throughout school 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Mop Sink Mop and Broom Rack 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> Metal shelving unit 	

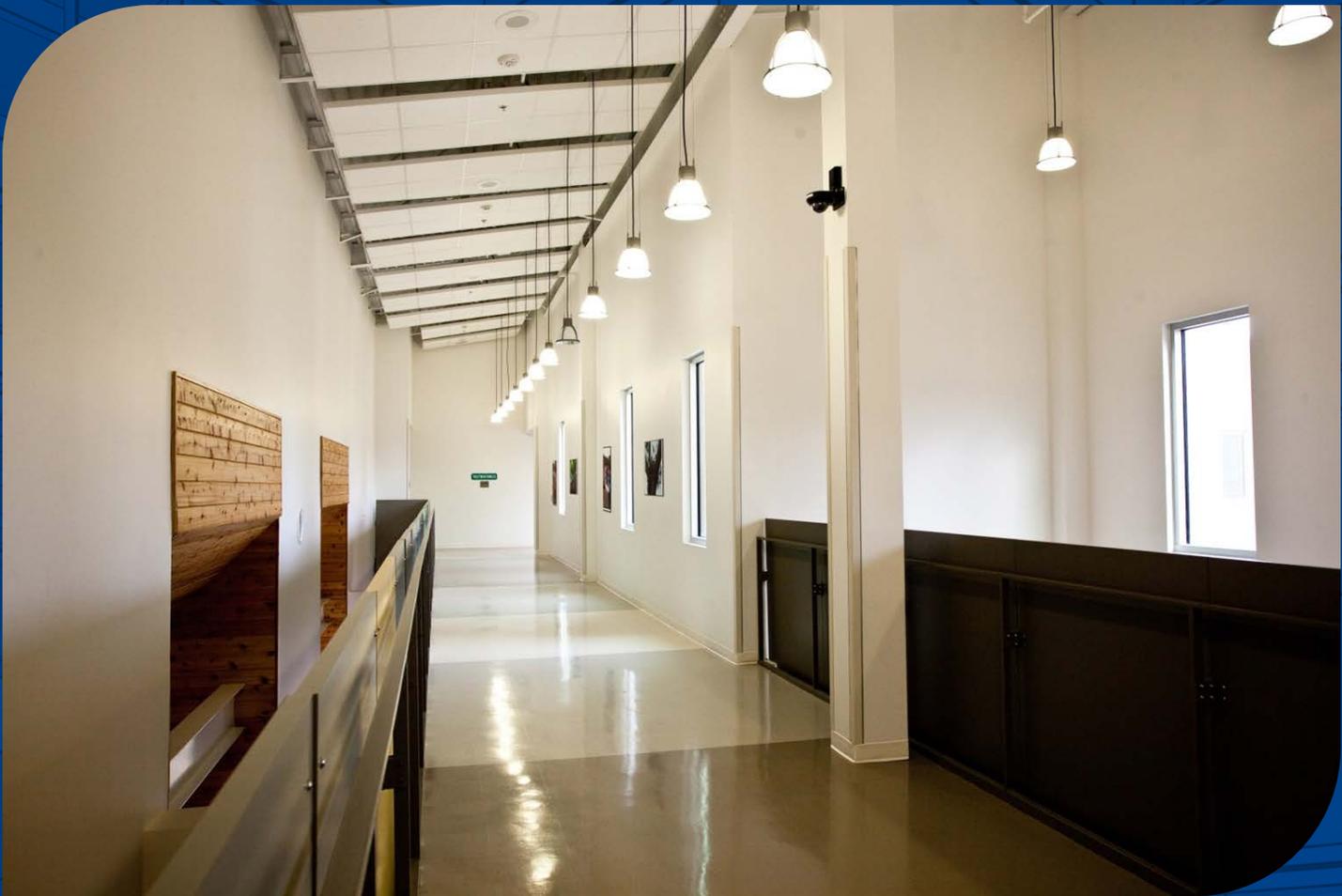




HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL





BUILDING SUPPORT



HISD EDUCATIONAL SPECIFICATIONS
SHARPSTOWN HIGH SCHOOL – June 3, 2014

CONSTRUCTION AND FACILITY SERVICES
FACILITIES PLANNING



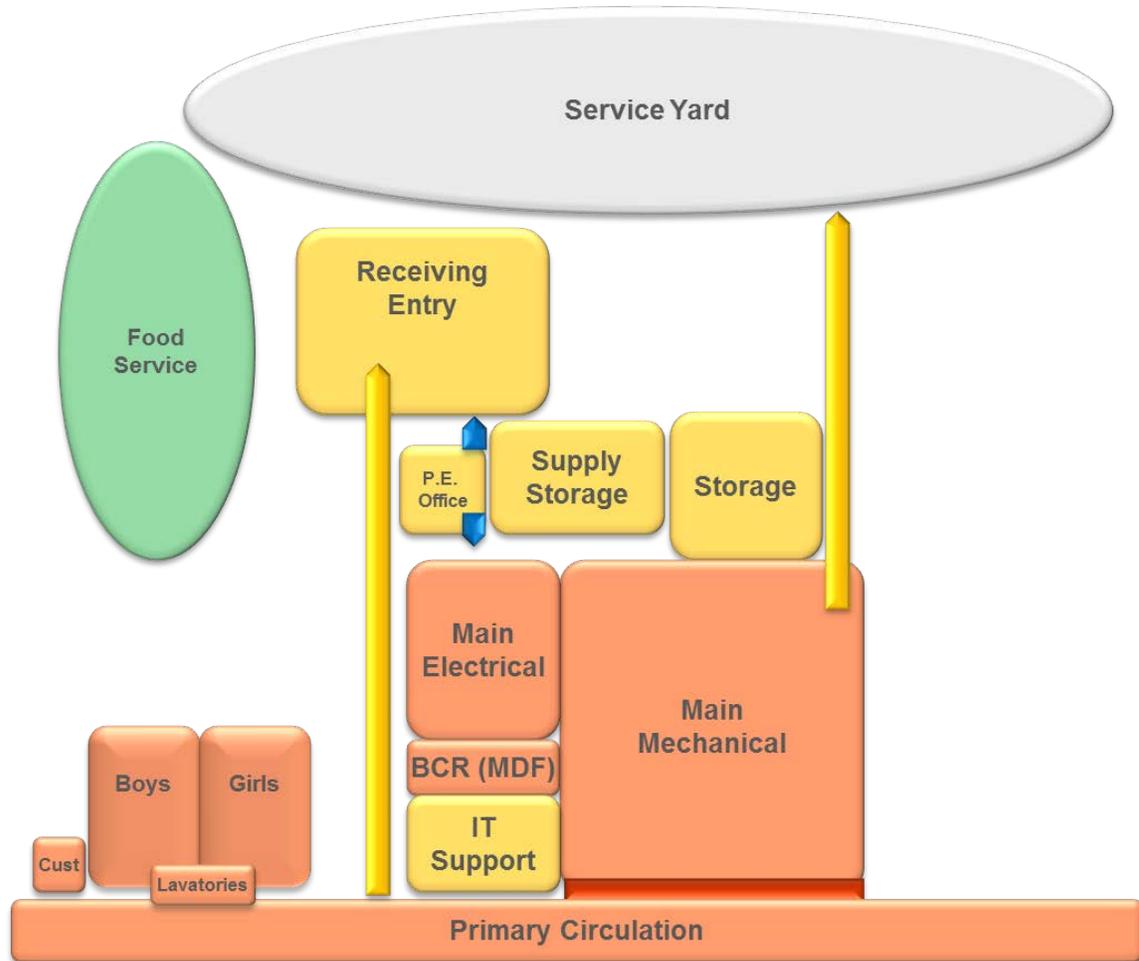


Building Support

Overview:

These facilities provide for centralized building services including electrical and mechanical necessary for the operations of the building, but also service areas that are located throughout the building.

The centralized facilities should be located in close proximity to the Food Service area so that the receiving area can be shared.



Legend

-  Physical connection
-  Visual connection
-  Physical and/or acoustic separation

The functional relationships illustrated are diagrammatic only. Further interpretation of these relationships shall be implemented by the Design Team.





Building Support

Corridors

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Faculty • Staff • Visitors 	<ul style="list-style-type: none"> • Circulation of occupants • Displaying awards, pictures, student work and school announcements
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Lockable display cases are encouraged for the displaying of awards, pictures, school announcements and student work. • Minimum corridor widths are: <ul style="list-style-type: none"> • Serving more than two classrooms: 8' - 0" • Serving more than eight classrooms: 9' - 0" • Major corridor: 12'-0" • Lockers along one wall: add 2'-0" • Lockers along two walls: add 3'-0" 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • Lockable display cabinets • Tack board / Tack wall 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



Building Support

Group Restrooms

USERS:	ACTIVITIES:
<ul style="list-style-type: none">• Students	<ul style="list-style-type: none">• Personal hygiene
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none">• None	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none">• Mirrors (not above sinks)	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none">• Paper towel dispensers• Soap dispensers	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none">• None	





Building Support

Single Restrooms

USERS: <ul style="list-style-type: none">• Faculty• Visitors	ACTIVITIES: <ul style="list-style-type: none">• Personal hygiene
DESIGN CONSIDERATIONS: <ul style="list-style-type: none">• None	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed <ul style="list-style-type: none">• Mirrors	
Owner Furnished – Contractor Installed <ul style="list-style-type: none">• Paper towel dispensers• Soap dispensers	
Owner Furnished – Owner Installed <ul style="list-style-type: none">• None	



Building Support

Main Mechanical

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Plant Operator Maintenance Staff 	<ul style="list-style-type: none"> Mechanical Equipment which heats and cools school Repairing Mechanical Equipment Servicing Mechanical Equipment
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Size doors to allow for replacement of equipment. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Mechanical Equipment 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	





Building Support

Main Electrical

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Plant Engineer Maintenance Personnel 	<ul style="list-style-type: none"> Electrical Equipment for school's electrical needs Repairing Electrical Equipment Servicing Electrical Equipment
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Attempt to locate so not below "wet" spaces. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Electrical Equipment 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> None 	



Building Support

BCR - Building Communication Room (MDF)

FCR - Floor Communication Room (IDF)

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> Plant Engineer IT Personnel 	<ul style="list-style-type: none"> House IT equipment House mission critical equipment (i.e. fire alarm, burglar alarm, intercom)
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> Maintain a temperature of 40 degrees in the BCR. Locate FCRs so that serve an area within a 190 foot radius. 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> Fire Rated Plywood on a minimum of 3 walls Fire alarm Intrusion alarm 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> IT Racks IT Equipment 	





Building Support

Stairs

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Faculty • Staff • Visitors 	<ul style="list-style-type: none"> • Vertical circulation for building occupants
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Visual supervision of stairs from corridors should be maintained • Multiple staircases for student circulation should be considered rather than a single monumental stair 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	



Building Support

Elevator

USERS:	ACTIVITIES:
<ul style="list-style-type: none"> • Students • Faculty • Staff • Visitors 	<ul style="list-style-type: none"> • Vertical circulation for building occupants
DESIGN CONSIDERATIONS:	
<ul style="list-style-type: none"> • Key operated only 	
FURNITURE, FIXTURES & EQUIPMENT:	
Contractor Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Contractor Installed	
<ul style="list-style-type: none"> • None 	
Owner Furnished – Owner Installed	
<ul style="list-style-type: none"> • None 	





HISD EDUCATIONAL SPECIFICATIONS

SHARPSTOWN HIGH SCHOOL





FINISH, FENESTRATION, & INFRASTRUCTURE MATRIX



HISD EDUCATIONAL SPECIFICATIONS
SHARPSTOWN HIGH SCHOOL – June 3, 2014

CONSTRUCTION AND FACILITY SERVICES
FACILITIES PLANNING





General Notes

- G1. Provide base as appropriate for flooring material, for concrete provide flexible base.
- G2. Provide acoustical wall treatment as appropriate for all open, tall and / or noise producing spaces.
- G3. All materials should be easily sanitized and long wearing.
- G4. Ceiling Heights shall be 9'-0" minimum, 10'-0" maximum, unless noted otherwise on Matrix
- G5. Terrazzo may be used as a floor finish in high traffic areas if project can bear the additional cost.
- G6. Use of carpet in non office areas must be approved by HISD.
- G7. The use of flexible furniture/equipment is encouraged. Built-in casework and shelving should be minimized-generally casework should only be provided where a sink is required.
- G8. All windows in spaces that are occupied on a regular basis shall receive shades or blinds.
- G9. All spaces to which a student may go shall have a visual connection (fixed window, door light or sidelight) to the adjacent space or circulation.
- G10. All spaces shown to receive an electronic whiteboard/projector by Owner should have blocking installed in the wall by the Contractor. The projector is integral to the board.
- G11. Provide acoustical wall treatment as appropriate for all open, tall and/or noise producing spaces.
- G12. Not Used
- G13. Consider the use of large tackable wall surfaces where tackboard is noted.
- G14. Data drops noted on the matrix do not include wireless access or video display connections. See Design Guidelines for number and locations of drops for these devices.

Program Specific Notes

- A. Continue flooring from corridor to front side of reception counter.
- B. Removable interlocking rubber tile floor designed for use in weight rooms shall be provided and installed by contractor over a permanent substrate.
- C. Two duplex outlets located in casework apron at each student station
- D. One duplex and data located for wall mounted display monitor
- E. Locate one set of drinking fountains in adjacent corridor.
- F. Provide floor drain at emergency shower/eyewash station. Provide acid resistant piping and neutralization.
- G. Provide system noted with an * if required for specific curriculum.
- H. Provide lockable storage, including one ventilated cabinet for paints and thinners. Coordinate mechanical for proper ventilation.
- I. Provide large deep sink for cleaning instruments.
- J. Provide large electrically operated, projection screen with projector
- K. Install an eye wash station at sink.
- L. Provide drinking fountain in or near treatment area.
- M. Wall and ceiling finishes of walk-in are by the manufacturer. Floor to match the floor in food preparation area
- N. Provide mop sink in Custodial area.
- O. Provide washer and dryer connections and sufficient ventilation in Laundry area.
- P. Plaster Traps at art sinks
- Q. Coordinate HVAC/Plumbing/Electrical requirements with equipment
- R. Provide permanent speaker system
- S. Provide double door with removable mullion at corridor.
- T. Provide electrical and data outlets as required by equipment layout.

