CCSD HIGH SCHOOL PROGRAM

CCSD
CLARK COUNTY
SCHOOL DISTRICT

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PROJECT
OVERVIEW

EXECUTIVE SUMMARY

The design team has had the pleasure of working with CCSD to develop a detailed program and updated high school ed spec for a new comprehensive high school.

The building will be 328,183 s.f. and will house typical high school functions and support spaces such as an administrative center, performing arts center, physical education center, student activity center, maintenance and operations center, arts center, resource media center, general science complex as well as general classrooms organized as four learning communities. It will also house space for potential career technical programs. The programs that will be offered in the school are not determined, but the design team is planning for multiple labs with various levels of infrastructure to allow for program flexibility.

During the programming phase, the 2000 CCSD High School Ed Spec was used as a guide, coupled with the design teams past experience with similar facilities and most importantly, the involvement of those in charge of running these departments in the district. An interactive programming process helped to align the existing building program from 2000 with the current space needs of 2023 as well as define the overarching goals of the project. Summaries and a detailed tabular program are provided within this document as are diagrams illustrating functional relationships and space specific requirements.

Refinement of the program has occurred over two workshops. Information gathering at each workshop was vital to keeping the design schedule on track, and there was excellent participation and follow through from all of the stakeholders. The information included in this document is the culmination of the efforts of all those involved.

Prior to the commencement of the programming workshops, the design team and CCSD visited Washoe County School District to tour two of their recently completed projects; Proctor R. Hug High School and O'Brien Middle School. We discussed the pros and cons of the existing space and which programs would be similar to those going into the new high school. We also spent time investigating their general use restrooms and discussed the positives and negatives of implementing them in the new CCSD high school. Based on these discussions, CCSD has decided to proceed with the general use restrooms which are reflected in the following programming documents.

The programming workshops were held in February and March of 2023. They began with a general overview and discussion of the overall goals for the new facility and included images from similar programs to facilitate the discussion of current trends and how the current CTA and commons spaces are used. After each session the design team used the information gathered to start a tabular program which identifies the spaces required for each department and began initial space layouts.

After the initial workshops were completed, we met with all stakeholders to review the information to date which included the initial layouts of each space. During this review the design team was able to gather the information needed to finalize the layout and size of the required spaces. We also discussed potential shared spaces, adjacencies, and verified each department's organization. Throughout the programming process, we met with CCSD Construction weekly to facilitate overall project progress.

GUIDING STATEMENT + OBJECTIVES

The design will maximize the role of the built environment in achieving CCSD's goals and core values.

The design will provide innovative, flexible, and engaging spaces, foster intuitive teaching and learning, create a safe and welcoming environment for all, and reduce limitations to activating the facility.

The design will integrate spaces and programs, remove barriers to technology engagement, and allow for formal and informal settings for positive student academic and social activities.

The design will maximize flexibility and adaptability to champion meaningful learning now and into the future.

The design will thoughtfully engage parents/families as well as the greater community and support the continued strengthening of the many partnership relationships that influence student success.

PARTICIPANTS

Programming Participation Structure & Chain of Communication

Executive Committee Members

Mark Campbell: CCSD | Interim Chief of Facilities
Justin Lam : CCSD | Director, Construction Management
Brandon McLaughlin: CCSD | Coordinator IV, Architecture
Vincenzo Scalia : CCSD | Project Manager
Melissa Avelar: CCSD | Project Manager
Tracy Murphy : CCSD | Director, Demographics, Zoning, and GIS
Victor Rodriguez: CCSD | Construction Management

Departmental Participants

Sonia Houghton: ELL
Lucas Leavitt:Online/blended Learning
Kris Carroll: Science
Chip Peterson: Health/PE
Shannon La Neve: Humanities
Jeffrey William: Fine Arts
Robert Jones: Curriculum
Jessica Lovell: Sierra Vista Principal
Ian Salzman: Desert Oasis Principal
Josh Chesnik: Facilities Management
Kris Patrick: Food service
Mitchell Maciszak: Police Services
Jai Beasely: Emergency Management
Paulette Marshall: Construction Management
Gia Moore: Career Tech/Magnet
Norman “Dean” Kiernan: Emergency Management
Marelyn Lobo: Demographics, Zoning and GIS

TSK + Huckabee

Kerri Brady
Kevin Kemner
Windom Kimsey
Chris Lujan
Jeni Panars
Mike Purtill
Mili Turnbull
Wei Wu
Edith Alvarez

PROGRAM

DIAGRAM BLOCKS

OVERALL PROGRAM BLOCKS

1.0 ADMINISTRATIVE CENTER

10,715 SF

2.0 FINE AND PERFORMING ARTS CENTER

21,190 SF

3.0 PHYSICAL EDUCATION CENTER

51,980 SF

4.0 STUDENT ACTIVITY CENTER / M&O CENTER

24,440 SF

5.0 CONSUMER SCIENCE CENTER / ARTS ACADEMY / LECTURE ROOM

7,285 SF

6.0 VOCATIONAL TECHNOLOGIES

22,930 SF

7.0 LEARNING COMMUNITY - ONE

16,100 SF

8.0 LEARNING COMMUNITY - TWO

16,000 SF

9.0 RESOURCE MATERIAL CENTER

8,070 SF

10.0 SCIENCE COMPLEX

30,175 SF

11.0 LEARNING COMMUNITY - THREE

15,300 SF

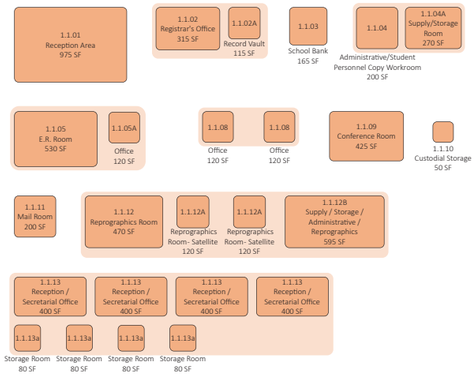
12.0 LEARNING COMMUNITY - FOUR

15,300 SF

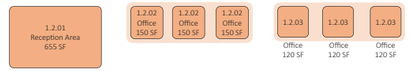
PROGRAM BLOCKS BREAKOUT

1.0 ADMINISTRATIVE CENTER

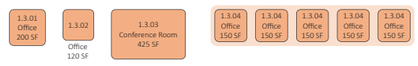
1.1 General Administrative Area



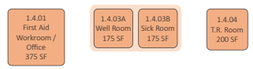
1.2 Dean's / Development Office Complex



1.3 Principal's Area

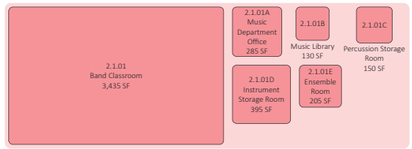


1.4 Health Services Area

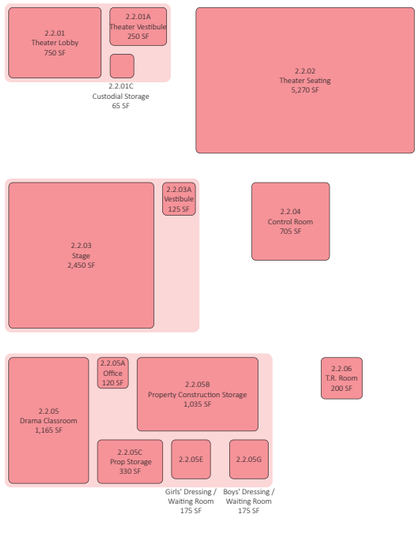


2.0 FINE AND PERFORMING ARTS CENTER

2.1 Music Classrooms

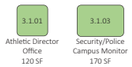


2.2 Theater Complex

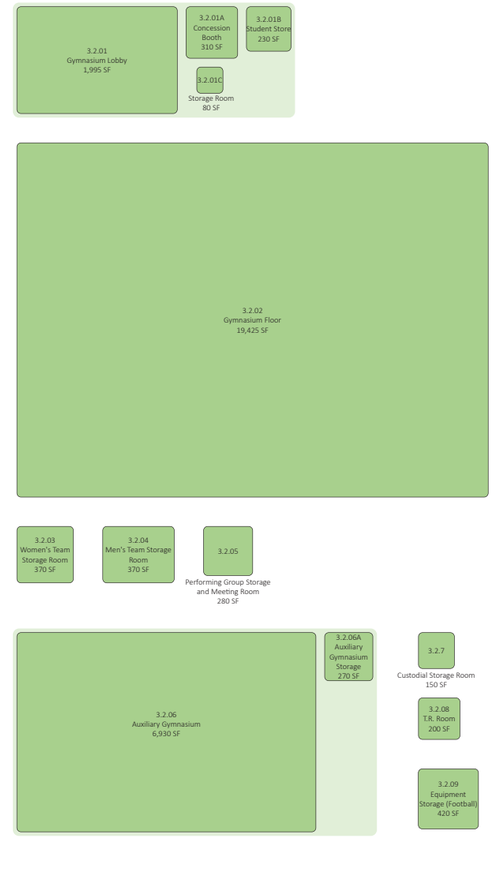


3.0 PHYSICAL EDUCATION CENTER

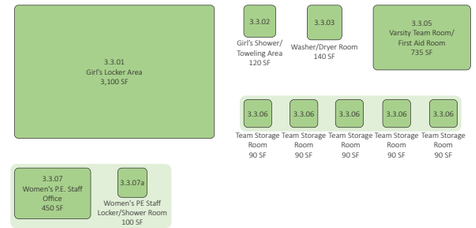
3.1 Athletic Administration Area



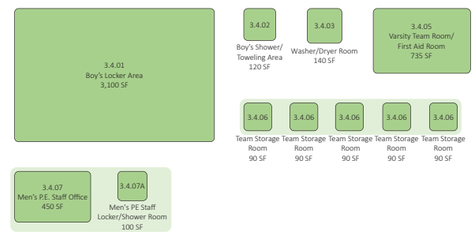
3.2 Gymnasium Area



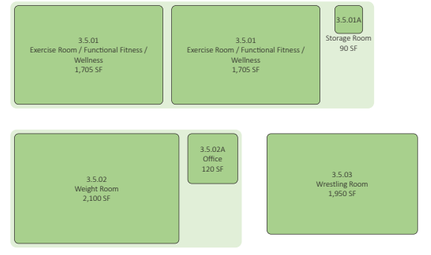
3.3 Girl's Locker Area



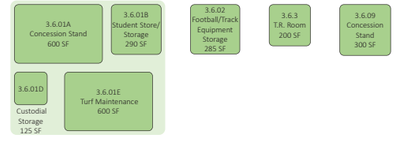
3.4 Boy's Locker Area



3.5 Exercise, Weight, and Wrestling Rooms

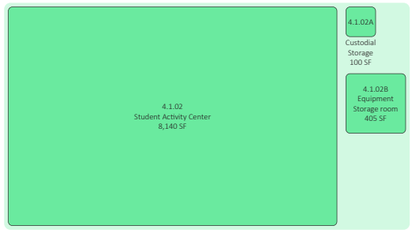


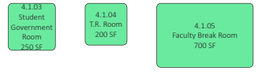
3.6 Outside Rooms



4.0 STUDENT ACTIVITY CENTER / MAINTENANCE & OPERATIONS CENTER

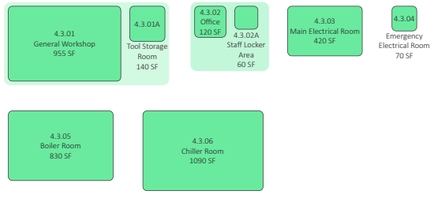
4.1 Commons Area / Student Activity Center





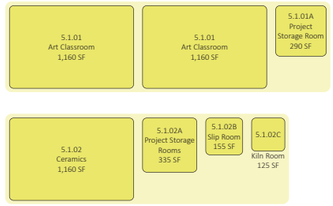
4.2 Cafeteria Area

4.3 Maintenance & Operations Complex



5.0 CONSUMER SCIENCE CENTER / ARTS ACADEMY / LECTURE ROOM

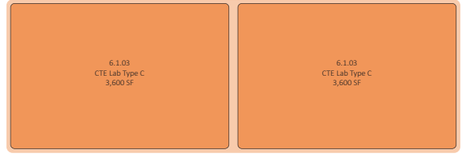
5.1 Arts Center / Exterior Art Yard

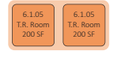


5.2 Lecture Center

6.0 VOCATIONAL TECHNOLOGIES

6.1 CTE Program (Gia & Alaina)

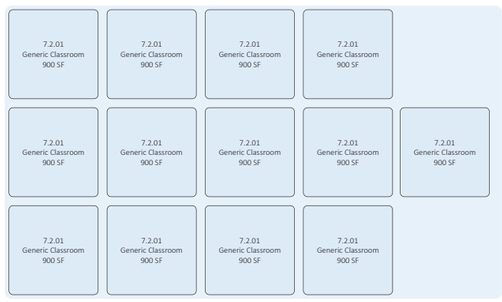




7.0 LEARNING COMMUNITY - ONE

7.1 Administration

7.2 Classrooms, Computer / Business Lab



8.0 LEARNING COMMUNITY - TWO

8.1 Administration

- 8.1.01 Office 120 SF
- 8.1.01 Office 120 SF
- 8.1.04 Teacher's Workroom 400 SF
- 8.1.05 Conference Room 300 SF

8.2 Classrooms

- 8.2.01 Generic Classroom 900 SF (×14)
- 8.2.02 Flex Lab/Classroom 1,800 SF
- 8.2.03 Resource Classroom 600 SF
- 8.2.04 Self-Contained 900 SF
- 8.2.04B Storage 60 SF

9.0 RESOURCE MATERIAL CENTER

9.1 Library Center

- 9.1.01 Collaboration Space 2,450 SF
- 9.1.02 Book Stacks 2,150 SF
- 9.1.03 Small Group Room 135 SF (×4)
- 9.1.04 Office 165 SF
- 9.1.05 Site-Based Technician 600 SF
- 9.1.06 Library Conference/ Career Counseling Room 585 SF
- 9.1.07 Research / Career Classroom 900 SF
- 9.1.08 Library Storage/ Workroom 680 SF

10.0 SCIENCE COMPLEX

10.1 Science Classrooms

- 10.1.01 General Science Laboratory / Classroom 1,385 SF (×15)
- 10.1.02 Chemistry Laboratory / Classroom 1,385 SF (×4)

10.2 Science Teacher Prep / Office / Storage

- 10.2.01 Science Teacher Prep/ Office Area 850 SF
- 10.2.01A Science Teacher Prep Storage Room 185 SF
- 10.2.01B Physics / Chemistry Storage Room 165 SF
- 10.2.01C Science Text Book Storage Room 165 SF
- 10.2.03 Custodial Storage 55 SF
- 10.2.05 T.R. Room 200 SF (×2)

10.3 Classrooms

- 10.3.01 Resource Classroom 600 SF
- 10.3.02 Journalism Workroom 600 SF
- 10.3.02A Storage Room 120 SF
- 10.3.03 Yearbook Workroom 600 SF
- 10.3.03A Storage Room 120 SF

11.0 LEARNING COMMUNITY - THREE

11.1 Administration

- 11.1.01 Office 120 SF (×2)
- 11.1.04 T.R. Room 200 SF (×2)
- 11.1.05 Teacher's Workroom 400 SF
- 11.1.06 Conference Room 300 SF

11.2 Classrooms

- 11.2.01 Generic Classroom 900 SF (×11)
- 11.2.02 Flex Lab/Classroom 1,800 SF
- 11.2.03 Resource Classroom 600 SF (×2)
- 11.2.04 Self-Contained 900 SF
- 11.2.04B Storage 60 SF
- 11.2.06 Custodial Storage Room 100 SF

12.0 LEARNING COMMUNITY - FOUR

12.1 Administration

- 12.1.01 Office 120 SF (×2)
- 12.1.04 T.R. Room 200 SF (×2)
- 12.1.05 Teacher's Workroom 400 SF
- 12.1.06 Conference Room 300 SF

12.2 Classrooms

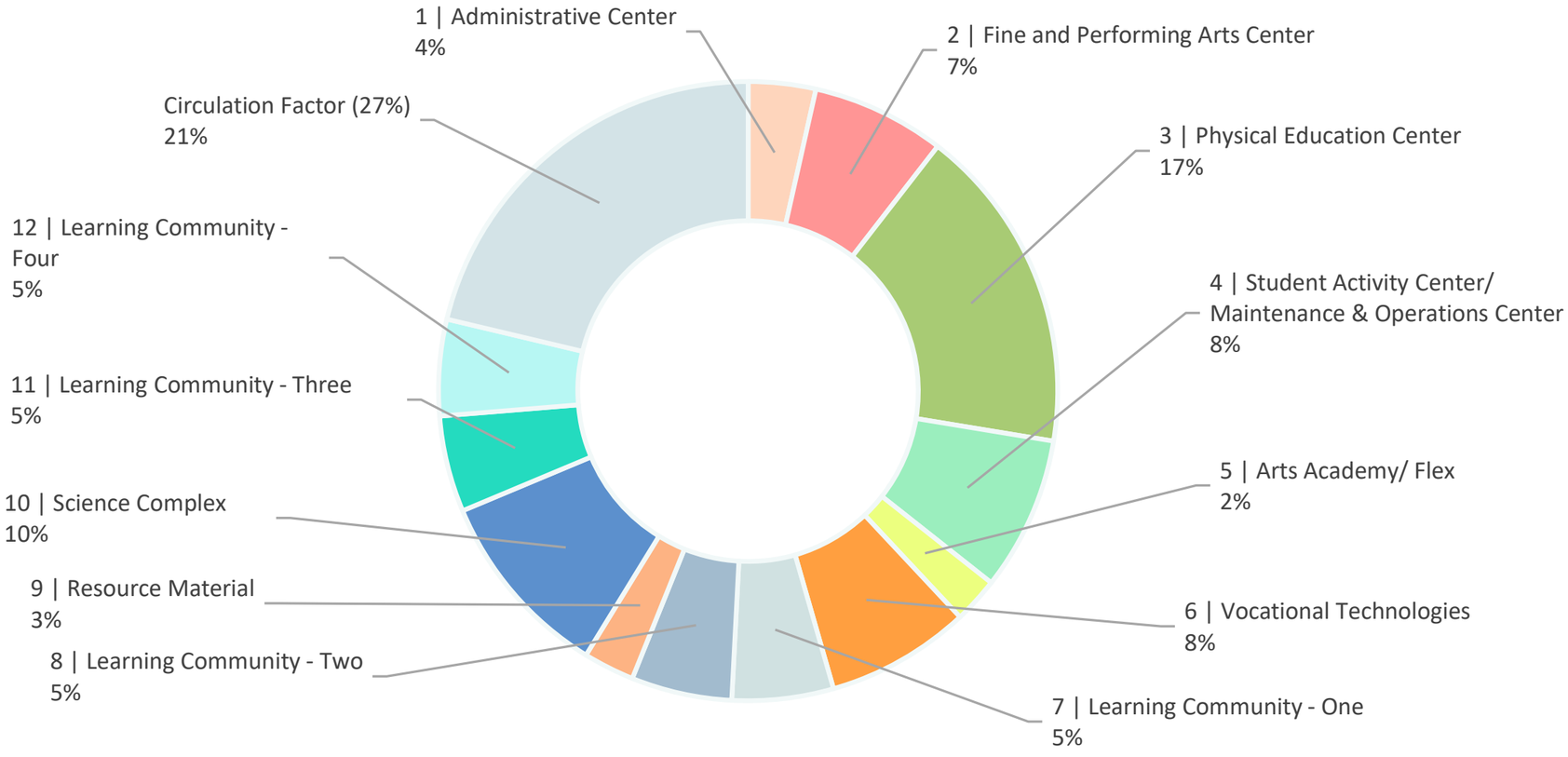
- 12.2.01 Generic Classroom 900 SF (×15)
- 12.2.02 Flex Lab/Classroom 1,800 SF
- 12.2.03 Resource Classroom 600 SF (×2)
- 12.2.04 Self-Contained 900 SF
- 12.2.04B Storage 60 SF
- 12.2.06 Custodial Storage Room 100 SF

PROGRAM

PROGRAM MATRIX

PROGRAM SUMMARY

CCSD SOUTHWEST HIGH SCHOOL PROGRAM SUMMARY	
1 | Administrative Center	10,715.00
2 | Fine and Performing Arts Center	21,190.00
3 | Physical Education Center	51,980.00
4 | Student Activity Center/ Maintenance & Operations Center	24,440.00
5 | Arts Academy/ Flex	7,285.00
6 | Vocational Technologies	22,930.00
7 | Learning Community - One	16,100.00
8 | Learning Community - Two	16,000.00
9 | Resource Material	8,070.00
10 | Science Complex	30,175.00
11 | Learning Community - Three	15,300.00
12 | Learning Community - Four	15,300.00
Net Subtotal	239,485
Circulation Factor (27%)	64,661
Circulation Multiplier	1.37
Circulation Area	88,698
BUILDING GROSS AREA TOTAL	328,183



1.0	ADMINISTRATIVE CENTER			10,715	0		0		0
1.1	**General Administrative Area**	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	Reception Area	1	975	975	0		-		-
.02	Registrar's Office	1	315	315	0		-		-
	a. Record Vault	1	115	115	0		-		-
.03	School Bank	1	165	165	0		-		-
.04	Administrative/Student Personnel Copy Workroom	1	200	200	0		-		-
	a. Supply/Storage Room	1	270	270	0		-		-
.05	E.R. Room	1	530	530	0		-		-
	Office	1	120	120	0		-		-
.06	Electrical Room	1		0	0		-		-
.07	General Use Restrooms	1		0	0		-		-
.08	Office	2	120	240	0		-		-
.09	Conference Room	1	425	425	0		-		-
.10	Custodial Storage	1	50	50	0		-		-
.11	Mail Room	1	200	200	0		-		-
.12	Reprographics Room	1	470	470	0		-		-
	a. Reprographics Room - Satellite	2	120	240	0		-		-
	b. Supply / Storage / Administrative / Reprographics	1	595	595	0		-		-
.13	Reception / Secretarial Office	4	400	1,600	0		-		-
	a. Storage Room	4	80	320	0		-		-
				6,830	**0**		**0**		**0**

1.2	**Dean's / Development Office Complex**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Reception Area	1	655	655	0		-		-
.02	Office	3	150	450	0		-		-
.03	Office	3	120	360	0		-		-
				1,465	**0**		**0**		**0**

1.3	**Principal's Area**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Office	1	200	200	0		-		-
.02	Office	1	120	120	0		-		-
.03	Conference Room	1	425	425	0		-		-
.04	Office	5	150	750	0		-		-
				1,495	**0**		**0**		**0**

1.4	**Health Services Area**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	First Aid Workroom / Office	1	375	375	0		-		-
.02	Restroom (Single-Occ)	2		0	0		-		-
.03	First Aid Cot Area			-	0		-		-
	a. Well Room	1	175	175	0		-		-
	b. Sick Room	1	175	175	0		-		-
.04	T.R. Room	1	200	200	0		-		-
				925	**0**		**0**		**0**

2.0	FINE AND PERFORMING ARTS CENTER			21,190	4		120		100
2.1	**Music Classrooms**	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	Band Classroom	1	3,435	3,435	1	30	30	83%	25
	a. Music Department Office	1	285	285	0		-		-
	b. Music Library	1	130	130	0		-		-
	c. Percussion Storage Room	1	150	150	0		-		-
	d. Instrument Storage Room	1	395	395	0		-		-
	e. Ensemble Room	1	205	205	0		-		-
.02	Orchestra Classroom	1	1,355	1,355	1	30	30	83%	25
	a. Instrument Storage Room	1	325	325	0		-		-
	b. Practice Room	1	105	105	0		-		-
.03	Choral Classroom	1	1,540	1,540	1	30	30	83%	25
	a. Robe Storage Room	1	145	145	0		-		-
	b. Practice Room	1	105	105	0		-		-
.04	T.R. Room	1	200	200	0		-		-
				8,375	**3**		**90**		**75**

2.2	**Theater Complex**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Theater Lobby	1	750	750	0		-		-
	a. Theater Vestibule	1	250	250	0		-		-
	b. General Use Restroom	1		0	0		-		-
	c. Custodial Storage	1	65	65	0		-		-
.02	Theater Seating	1	5,270	5,270	0		-		-
.03	Stage	1	2,450	2,450	0		-		-
	a. Vestibule	1	125	125	0		-		-
.04	Control Room	1	705	705	0		-		-
.05	Drama Classroom	1	1,165	1,165	1	30	30	83%	25
	a. Office	1	120	120	0		-		-
	b. Property Construction Storage	1	1,035	1,035	0		-		-
	c. Prop Storage	1	330	330	0		-		-
	d. Exterior courtyard	1		0	0		-		-
	e. Girl's Dressing / Waiting Room	1	175	175	0		-		-
	f. Girl's Performer's Restroom	1		0	0		-		-
	g. Boy's Dressing / Waiting Room	1	175	175	0		-		-
	h. Boy's Performer's Restroom	1		0	0		-		-
.06	TR Room	1	200	200	0		-		-
				12,815	**1**		**30**		**25**

3.0	PHYSICAL EDUCATION CENTER			51,980	9		390		325
					Teaching		Capacity		Functional
3.1	**Athletic Administration Area**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Athletic Director Office	1	120	120	0		-		-
.02	Security/Police Campus Monitor	1	170	170	0		-		-
				290	**0**		**0**		**0**

3.2	**Gymnasium Area**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Gymnasium Lobby	1	1,995	1,995	0		-		-
	a. Concession Booth	1	310	310	0		-		-
	b. Student Store	1	230	230	0		-		-
	c. Storage Room	1	80	80	0		-		-
	d. General Use Restroom	1		0	0		-		-
.02	Gymnasium Floor (Size Midway between 18 & 15)	1	19,425	19,425	4	50	200	83%	167
	a. Bleachers	1		0	0		-		-
.03	Women's Team Storage Room	1	370	370	0		-		-
.04	Men's Team Storage Room	1	370	370	0		-		-
.05	Performing Group Storage and Meeting Room	1	280	280	0		-		-
.06	Auxiliary Gymnasium	1	6,930	6,930	2	50	100	83%	83
	a. Auxiliary Gymnasium Storage	1	270	270	0		-		-
.07	Custodial Storage Room	1	150	150	0		-		-
.08	T.R. Room	1	200	200	0		-		-
.09	Equipment Storage (Football)	1	420	420	0		-		-
				31,030	**6**		**300**		**250**

3.3	**Girl's Locker Area**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Girl's Locker Area	1	3,100	3,100	0		-		-
.02	Girl's Shower/Toweling Area	1	120	120	0		-		-
.03	Washer/Dryer Room	1	140	140	0		-		-
.04	Girl's P.E. Restroom	1		0	0		-		-
.05	Varsity Team Room/ First Aid Room	1	735	735	0		-		-
.06	Team Storage Rooms	5	90	450	0		-		-
.07	Women's P.E. Staff Office	1	450	450	0		-		-
	a. Women's PE Staff Locker/Shower Room	1	100	100	0		-		-
				5,095	**0**		**0**		**0**

3.4	Boy's Locker Area	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Boy's Locker Area	1	3,100	3,100	0		-		-
.02	Boy's Shower/Toweling Area	1	120	120	0		-		-
.03	Washer/Dryer Room	1	140	140	0		-		-
.04	Boy's P.E. Restroom	1		0	0		-		-
.05	Varsity Team Room/ First Aid Room	1	735	735	0		-		-
.06	Team Storage Rooms	5	90	450	0		-		-
.07	Men's P.E. Staff Office	1	450	450	0		-		-
	a. Men's PE Staff Locker/Shower Room	1	100	100	0		-		-
				5,095	**0**		**0**		**0**

3.5	Exercise, Weight, and Wrestling Room	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Exercise Room / Functional Fitness / Wellness	2	1,705	3,410	2	30	60	83%	50
	a. Storage Room	1	90	90	0		-		-
.02	Weight Room	1	2,100	2,100	1	30	30	83%	25
	a. Office	1	120	120	0		-		-
.03	Wrestling Room	1	1,950	1,950	0		-		-
.04	Electrical Room	1		0	0		-		-
.05	T.R. Room	2	200	400	0		-		-
				8,070	**3**		**90**		**75**

3.6	Outside Rooms	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Ticket Booth	0	0	-	0		-		-
	a. Concession Stand	1	600	600	0		-		-
	b. Storage	1	290	290	0		-		-
	c. General Use Restroom	1		0	0		-		-
	d. Custodial Storage	1	125	125	0		-		-
	e. Turf Maintenance	1	600	600	0		-		-
.02	Football/ Track Equipment Storage	1	285	285	0		-		-
.03	T.R. Room	1	200	200	0		-		-
.04	P.E./General Purpose Area	1		0	0		-		-
.05	Football/Track	1		0	0		-		-
.06	Soccer Field	1		0	0		-		-
.07	Baseball Field	1		0	0		-		-
.08	Softball Field	1		0	0		-		-
.09	Concession Stand	1	300	300	0		-		-
	a. General Use Restroom	1		0	0		-		-
.10	Basketball Courts	6		0	0		-		-
.11	Tennis Courts	8		0	0		-		-
.12	Future Portables (12 classrooms)	6		0	0		-		-
				2,400	**0**		**0**		**0**

4.0	**STUDENT ACTIVITY CENTER / MAINTENANCE & OPERATIONS CENTER**			**24,440**	**0**		**0**	**0**

					Teaching		Capacity		Functional
4.1	**Commons Area / Student Activity Cen**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Commons Area - Interior Plaza	1	6,755	6,755	0		-		-
.02	Student Activity Center	1	8,140	8,140	0		-		-
	a. Custodial Storage	1	100	100	0		-		-
	b. Equipment Storage room	1	405	405	0		-		-
.03	Student Government Room	1	250	250	0		-		-
.04	TR Room	1	200	200	0		-		-
.05	Faculty Break Room	1	700	700	0		-		-
.06	Outside Patio Area	1		0	0		-		-
.07	Staff General Use Restroom	1		0	0		-		-
				16,550	**0**		**0**		**0**

4.2	**Cafeteria Area**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Food Serving Area	1	990	990	0		-		-
.02	Kitchen Prep Area	1	1,970	1,970	0		-		-
	a. Pot Washing	1	240	240	0		-		-
	b. Walk-in Refrigerator	1	260	260	0		-		-
	c. Walk-in Freezer	1	260	260	0		-		-
	d. General and Dry Storage	1	245	245	0		-		-
.03	Office	1	120	120	0		-		-
.04	Cafeteria Staff Locker Room	1	120	120	0		-		-
.05	Cafeteria Staff Restroom	1		0	0		-		-
				4,205	**0**		**0**		**0**

4.3	**Maintenance & Operations Complex**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	General Workshop	1	955	955	0		-		-
	a. Tool Storage Room	1	140	140	0		-		-
.02	Office	1	120	120	0		-		-
	a. Staff Locker Area	1	60	60	0		-		-
	b. Staff General Use Restroom	1		0	0		-		-
.03	Main Electrical Room	1	420	420	0		-		-
.04	Emergency Electrical Room	1	70	70	0		-		-
.05	Boiler Room	1	830	830	0		-		-
.06	Chiller Room	1	1,090	1,090	0		-		-
.07	Mechanical Yard	1		0	0		-		-
				3,685	**0**		**0**		**0**

5.0	ARTS ACADEMY / FLEX			7,285	4		120		100
					Teaching		Capacity		Functional
5.1	**Arts Center / Exterior Art Yard**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Art Classroom	2	1,160	2,320	2	30	60	83%	50
	a. Project Storage Rooms	1	290	290	0		-		-
.02	Ceramics	1	1,160	1,160	1	30	30	83%	25
	a. Project Storage Rooms	1	335	335	0		-		-
	b. Slip Room	1	155	155	0		-		-
	c. Kiln Room	1	125	125	0		-		-
	d. Art Yard	1		0	0		-		-
.03	Electrical/Mechanical Room	1		0	0		-		-
				4,385	**3**		**90**		**75**

5.2	**Flex Room**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Flex Room	1	2,700	2,700	1	30	30	83%	25
				2,700	**1**		**30**		**25**

6.0	VOCATIONAL TECHNOLOGIES			22,930	11		330		275
					Teaching		Capacity		Functional
6.1	**CTE Program**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	CTE lab Type A	3	1,350	4,050	3	30	90	83%	75
.02	CTE lab Type B	6	1,800	10,800	6	30	180	83%	150
.03	CTE lab Type C	2	3,600	7,200	2	30	60	83%	50
.04	Distributed lab storage	3	160	480	0		-		-
.05	T.R. Room	2	200	400	0		-		-
				22,930	**11**		**330**		**275**

7.0 LEARNING COMMUNITY - ONE — 16,100 — 16 — 441 — 368

7.1	Administration	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	Office	2	120	240	0		-		-
.02	Staff General Use Restroom	1		0	0		-		-
.03	Electrical Room	1		0	0		-		-
.04	Teacher's Workroom	1	400	400	0		-		-
.05	Conference Room	1	300	300	0		-		-
				940	**0**		**0**		**0**

7.2	Classrooms	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Generic Classroom	13	900	11,700	13	30	390	83%	325
.02	Flex Lab / Classroom	1	1,800	1,800	1	30	30	83%	25
.03	Resource Classroom	1	600	600	1	12	12	83%	10
.04	Self-Contained	1	900	900	1	9	9	83%	8
	a. Restroom	1		0	0		-		-
	b. Storage	1	60	60	0		-		-
.05	Student General Use Restroom	1		0	0		-		-
.06	Custodial Storage Room	1	100	100	0		-		-
.07	Fire Riser Room	1		0	0		-		-
				15,160	**16**		**441**		**368**

8.0 LEARNING COMMUNITY - TWO — 16,000 — 16 — 441 — 368

8.1	Administration	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	Office	2	120	240	0		-		-
.02	Staff Restroom	1		0	0		-		-
.03	Electrical Room	1		0	0		-		-
.04	Teacher's Workroom	1	400	400	0		-		-
.05	Conference Room	1	300	300	0		-		-
				940	**0**		**0**		**0**

8.2	Classrooms	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Generic Classroom	13	900	11,700	13	30	390	83%	325
.02	Flex Lab / Classroom	1	1,800	1,800	1	30	30	83%	25
.03	Resource Classroom	1	600	600	1	12	12	83%	10
.04	Self-Contained	1	900	900	1	9	9	83%	8
	a. Restroom	1		0	0		-		-
	b. Storage	1	60	60	0		-		-
.05	Student Restroom	1		0	0		-		-
.06	Elevator Machine Room	1		0	0		-		-
.07	Elevators	2		0	0		-		-
				15,060	**16**		**441**		**368**

9.0	RESOURCE MATERIAL CENTER			8,070	1		30		25
9.1	**Library Center**	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	Collaboration Space	1	2,450	2,450	0		-		-
.02	Book Stacks	1	2,150	2,150	0		-		-
.03	Small Group Rooms	4	135	540	0		-		-
.04	Office	1	165	165	0		-		-
.05	Site-Based Technician	1	600	600	0		-		-
.06	Library Conference/Career Counseling Room	1	585	585	0		-		-
.07	Research/Career Classroom	1	900	900	1	30	30	83%	25
.08	Library Storage/ Workroom	1	680	680	0		-		-
				8,070	**1**		**30**		**25**

10.0	SCIENCE COMPLEX			30,175	20		582		485
10.1	**Science Classrooms**	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	General Science Laboratory / Classrooms	15	1,385	20,775	15	30	450	83%	375
.02	Chemistry Laboratory / Classrooms	4	1,385	5,540	4	30	120	83%	100
				26,315	**19**		**570**		**475**

10.2	**Science Teacher Prep / Office / Storag**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Science Teacher Prep/ Office Area	1	850	850	0		-		-
	a. Science Teacher Prep Storage Room	1	185	185	0		-		-
	b. Physics / Chemistry Storage Room	1	165	165	0		-		-
	c. Science Text Book Storage Room	1	165	165	0		-		-
.02	Staff General Use Restroom	1		0	0		-		-
.03	Custodial Storage	1	55	55	0		-		-
.04	Electrical / Mechanical Room	1		0	0		-		-
.05	T.R. Room	2	200	400	0		-		-
.06	Riser Room	1			0		-		-
.07	Student Restroom	1			0		-		-
				1,820	**0**		**0**		**0**

10.3	**Classrooms**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Resource Classroom	1	600	600	1	12	12	83%	10
.02	Journalism Workroom	1	600	600	0		-		-
	a. Storage Room	1	120	120	0		-		-
.03	Yearbook Workroom	1	600	600	0		-		-
	a. Storage Room	1	120	120	0		-		-
				2,040	**1**		**12**		**10**

11.0	LEARNING COMMUNITY - THREE			15,300	15		393		328
					Teaching		Capacity		Functional
11.1	**Administration**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Office	2	120	240	0		-		-
.02	Staff Restroom	1		0	0		-		-
.03	Electrical Room	1		0	0		-		-
.04	T.R. Room	2	200	400	0		-		-
.05	Teacher's Workroom	1	400	400	0		-		-
.06	Conference Room	1	300	300	0		-		-
				1,340	**0**		**0**		**0**

11.2	**Classrooms**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Generic Classroom	11	900	9,900	11	30	330	83%	275
.02	Flex Lab / Classroom	1	1,800	1,800	1	30	30	83%	25
.03	Resource Classroom	2	600	1,200	2	12	24	83%	20
.04	Self-Contained	1	900	900	1	9	9	83%	8
	a. Restroom	1		0	0		-		-
	b. Storage	1	60	60	0		-		-
.05	Student Restroom	1		0	0		-		-
.06	Custodial Storage Room	1	100	100	0		-		-
.07	Fire Riser Room	1		0	0		-		-
				13,960	**15**		**393**		**328**

12.0	LEARNING COMMUNITY - FOUR			15,300	15		393		328
					Teaching		Capacity		Functional
12.1	**Administration**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Office	2	120	240	0		-		-
.02	Staff Restroom	1		0	0		-		-
.03	Electrical Room	1		0	0		-		-
.04	T.R. Room	2	200	400	0		-		-
.05	Teacher's Workroom	1	400	400	0		-		-
.06	Conference Room	1	300	300	0		-		-
				1,340	**0**		**0**		**0**

12.2	**Classrooms**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Generic Classroom	11	900	9,900	11	30	330	83%	275
.02	Flex Lab / Classroom	1	1,800	1,800	1	30	30	83%	25
.03	Resource Classroom	2	600	1,200	2	12	24	83%	20
.04	Self-Contained	1	900	900	1	9	9	83%	8
	a. Restroom	1		0	0		-		-
	b. Storage	1	60	60	0		-		-
.05	Student Restroom	1		0	0		-		-
.06	Custodial Storage Room	1	100	100	0		-		-
.07	Elevators	2		0	0		-		-
				13,960	**15**		**393**		**328**

PROGRAM

FACILITY CONSIDERATIONS

FACILITY CONSIDERATIONS

Facility Considerations | Interior Areas

1. 2,700 student capacity.

2. 111 teaching stations.

3. Provide individual classroom lighting controls at all entrance / exit doors to darken classrooms for presentations and provide switching for emergency lighting tied to the security system.

4. Provide individual classroom HVAC zoning.

5. Provide an Energy Management System with 15% expansion capability as directed by the CCSD Energy Manager. System should allow control from both the school maintenance center and the centralized school district Energy Management Control Center.

6. Any interior school area that will accommodate 50 or more persons in an assembly, should be provided with assistive listening devices, equivalent to the infrared ALS system.

7. Speaker strobe fire alarm device in all classrooms, library, commons, gymnasium, and all other areas as required by code. Locate in standard visible areas for all classrooms.

8. Provide signs for an interior signage package to consist of (1) room number(s) and room usage signage to meet the requirements of Section 504 of the Federal Rehabilitation Act, ANSI Act 117.1 (2003) and U.S. Public Law 92-112 (1986); and (2) directional signage to indicate locations(s) of rooms coming from the office and “to office” signs from the exterior doors back to the office. Signage should meet ADA and requirements and CCSD standards.

9. All office or classroom windows facing the exterior should receive interior roller shades. The Health Room windows should receive interior one-touch horizontal blinds.

10. Provide IP based master clock / intercom system.

11. Provide necessary wiring infrastructure for voice over IP phone service that meets CCSD networking service standards.

12. Fire extinguisher cabinets should be recessed except in locations that are concrete or concrete masonry walls, where the cabinets are to be surface mounted.

13. Do NOT install fire alarm pull stations next to exterior exit doors.

14. Provide a CCTV System (surveillance cameras) for hallways, interior courtyard, bus loading, basketball and tennis courts, field areas, entrance gates, and otherwise directed by CCSD police services.

15. Ensure that any wall hung lavatories, toilet carriers, and associated cabinetry receive additional support. i.e. backing from pulling away from the wall.

16. Do NOT provide paper towel dispensers in any rest rooms.

17. Mop sinks adjacent to sheet rock / furred walls should have a FRP to wainscot height on the two adjacent walls (surrounding the mop sink).

18. A/E and Consultants must ensure coordination with other disciplines, i.e.; consider location of items such as tackboards, coat racks and their adjacency to sinks, doors, power/data receptacles, fire alarm devices, etc.

19. All interior drinking fountains and electric water coolers should have resilient tile floor under the wall-mounted unit a minimum of 2 feet out from the wall. Provide wall behind fountain or cooler with ceramic tile wainscot.

20. Student drinking fountains should not be electric water coolers. Provide ADA compliant model design that minimizes spillage over the edge.

21. All electrical receptacles within 6 feet of water should be GFIC (Ground Fault Interrupt Connection).

22. All rest room should be vented to the outside.

23. Provide trap primer at floor drains.

24. Provide tempered water for all rest room sinks and other areas as specified in this document and as required by SNHD.

25. The bottom of wall-mounted writing surfaces and tackboards are 3’ 0” A.F.F. to bottom of the marker rail unless otherwise indicated. (Locate 3’ 7” A.F.F. above plug-mold, counters, and library bookcases.)

26. All hallway floors should be VCT.

27. Provide kick plates on all doors.

28. Do NOT place any electrical equipment or electrical room adjacent to the ER Room (Equipment Room) or TR (telecom room) locations.

29. Security Keypad should be located in the following areas:

    a. Reception by the Principal's Office
    b. Entrance door into the Faculty Dining Area
    c. Kitchen Receiving Area
    d. Security Office Area
    e. Data / Telecom / IDF Room
    f. Theater Custodial Room
    g. Library Workroom

30. Provide a separate roof antenna, conduit and roof support for ITV / CTV systems. Provide conduit, roof penetration and satellite dish support at the roof near the, ER (Equipment Room).

31. Provide an ER (Equipment Room) in a central location within the facility. This room shall support the following systems: Data, ITV / CTV, telecommunications, clock / intercom, EMS, fire system, and UPS. Size the room and provide cabinets(s) / racks(s) quantities as required by CCSD - Networking Services.

    a. The ER (Equipment Room) shall be maintained at 74 degrees Fahrenheit year round.
    b. The ER (Equipment Room) electrical power shall be supported by UPS Tied into the site life / safety backup generator.
    c. Provide data wiring infrastructure.
    d. Provide electrical power within the ER (Equipment Room) to support all required equipment /infrastructure.

32. Provide TR Room(s) as needed to limit the length of copper data cabling (less than 150 feet). Size the room(s) and provide cabinet(s) / rack(s) quantities as required by CCSD - Networking Services.
    a. Provide backboard within the TR Room for telephone, ITV / CTV and security wiring.
    b. Provide electrical power within the TR Room for the ITV / CTV system and for each cabinet / rack to be installed.
    c. Provide ladder tray for cable management within the TR Room above the cabinet / rack and below the ceiling line.

33. (4) 4" conduits and (1) 2" conduit between ER and TRs.

34. In the ER (Equipment Room) and each TR Room, ensure that each cabinet / rack and ladder tray are properly grounded.

35. For the latest CCSD conduit, cable and wiring methods for data, telephone, ITV / CTV, and clock / intercom / security (CIS) wiring, please review specifications with CCSD - Networking Services.

36. Provide one duplex electrical outlet adjacent to each individual data port.

37. Acoustic guidelines for areas with special sound attenuation needs.

    a. Common's area should accommodate a wide range of functions with various acoustic requirements.
        i. Provide a balanced reverberation time (or utilize adjustable absorption) to accommodate intended use functions.
        ii. Provide moderate to high levels of sound isolation.
        iii. Distribute sound absorptive wall treatment throughout the room.
        iv. Mitigate background (ambient) sound levels from HVAC equipment and air distribution system to accommodate the acoustic criteria for the most stringent use function.
    b. Conference rooms and some offices should maximize sound isolation to accommodate confidential conferences.
        i. Provide a high degree of sound isolation (STC approximately 50+) at walls and floor / ceiling construction.
        ii. Provide moderately absorptive ceiling and wall treatment.
    c. Theater should maximize speech intelligibility and sound isolation.
        i. Splay ceiling and side walls at the front of the room.
        ii. Provide sound absorbing rear wall treatment.
        iii. Mitigate reverberation for a balanced acoustic quality live enough to promote sound projection; dead enough to avoid unwanted reflections.
        iv. Provide a high degree of sound isolation (STC approximately 50+) at walls and floor / ceiling construction.
        v. Mitigate background (ambient) sound levels from HVAC equipment and air distribution system.
        vi. Provide gasketed doors or sound isolating doors or vestibules.
    d. Music rooms should maximize sound isolation for non-disturbance of nearby classrooms. Chorus room ceiling needs to be high enough to accommodate three-tier risers.
        i. Mitigate reverberation for a balanced acoustic quality live enough to promote sound projection; dead enough to avoid unwanted reflections.
        ii. Provide a high degree of sound isolation at walls and floor / ceiling construction (sound transmission class may not be applicable due to low-frequency noise).
        iii. Mitigate background (ambient) sound levels from HVAC equipment and air distribution systems.
        iv. Provide gasketed doors or sound isolating doors or vestibules.

e. Noisy rooms such as reprographics room, ER (Equipment Room), workrooms, art room, and mechanical equipment rooms should reduce interior sound levels and maximize sound isolation.
    i. Provide sound absorptive ceiling and wall treatment.
    ii. Provide a high degree of sound isolation at walls and floor / ceiling construction (sound transmission class may not be applicable due to low-frequency noise).
    iii. Mitigate background (ambient) sound levels from HVAC equipment and air distribution systems.
    iv. Provide gasketed doors or sound isolating doors or vestibules.
f. Classrooms should minimize sound transmission from nearby classrooms.
g. Library should minimize sound transmission from nearby classrooms.
    i. Distribute sounds absorptive wall treatment throughout the room walls and ceiling.
h. Lecture Rooms
    i. Provide a high degree of sound isolation (STC approximately 50+) at walls and floor / ceiling construction.
    ii. Provide moderately absorptive ceiling and wall treatment.
    iii. Mitigate background (ambient) sound levels from the HVAC equipment and air distribution systems.

38. Semi-gloss paint must be provided for finish surfaces throughout.

39. Interior doors to offices, classrooms, library, etc., should have observation windows 8 inches wide by 3 feet long as a minimum unless otherwise indicated.

40. Provide small HVAC package unit with emergency power circuit for emergency electrical room.

41. To reduce the maintenance and vandalism on exterior doors, the Clark County School District Maintenance Department has requested that geared continuous hinges be used on high use exterior doors. This will include all doors except mechanical rooms, boiler rooms, electrical rooms, and storage rooms, etc.

42. Flush door pulls are to be used on the exterior of mechanical rooms, boiler rooms, electrical rooms, and storage rooms, etc.

Facility Considerations | Exterior Areas

1. Provide school name and street address in metal lettering located at the front of the school high upon the wall and easily visible from the street. Street address numbers should also be located on the roof.

2. Provide a flagpole and dedication plaque located at the front of the school in a visible location.

3. Provide school bus loading / unloading for (23) buses minimum.

4. Provide faculty, student, and visitor parking to meet the code minimum requirements per jurisdiction.

5. Paint appropriate curb red and mark as “No Parking - Fire Lane.”

6. Provide lighting in all parking and bus areas.

7. Provide a (10) bike-rack enclosure. (Approximately 1,600 square feet, 20 bicycles per rack, inside an 8 foot fence.) Install gates for accesses.

8. Place vandal-resistant hose bibs on each side of the building and courtyard for wash down of areas. Place vandal-resistant quick coupler valves in outlying areas where flexibility is needed and a hose bib may be inappropriate.

9. Ensure external speakers (for communication from the office) in the interior courtyard area and one external speaker on each exterior side of building towards the basketball and tennis courts and fields to enable students to hear school alarms, recalls, and messages.

10. Electrical, fire alarm, intercom, and data and ITV / CTV conduit connections for siting (12) future portable classrooms (6 portables). Portables should be sited to face the school, therefore, stub-up and pull boxes for connections should be as per CCSD Construction Management and Maintenance current specifications.

11. All fencing to be galvanized. No vinyl coated fencing.

12. Ensure any exterior area that can be used for hiding to be fenced off.

13. Any external, appurtenances should not be accessible to enable students to climb up to the roof.

14. Exterior roof drain down spouts should be located away from exterior doorways.

15. Provide 32 foot wide gate for future portable classrooms mobile access from the street near portable location on site.

16. Provide water isolation valves for separate building areas.

17. Provide gated trash enclosure area for six dumpsters with automatic night controlled lighting and a hose bib for area wash down.

18. Provide power type can wash near the dumpsters.

19. Provide exterior drinking fountains with at least (3) bubblers on all sides of the building and courtyard. Include vandal-resistant hose bib under the fountains.

20. Fire hydrants should not be located in the asphalt or field turf areas.

21. Courtyard planters should be raised to sitting height approximately 24 inches A.F.F. as a minimum.

22. Verify conformance with noise protection requirements as applicable, (i.e. airport traffic area).

PROGRAM

ROOM DATA SHEETS

01 ADMINISTRATIVE CENTER

1.0	ADMINISTRATIVE CENTER			10,715	0		0		0
1.1	General Administrative Area	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	Reception Area	1	975	975	0		-		-
.02	Registrar's Office	1	315	315	0		-		-
	a. Record Vault	1	115	115	0		-		-
.03	School Bank	1	165	165	0		-		-
.04	Administrative/Student Personnel Copy Workroom	1	200	200	0		-		-
	a. Supply/Storage Room	1	270	270	0		-		-
.05	E.R. Room	1	530	530	0		-		-
	Office	1	120	120	0		-		-
.06	Electrical Room	1		0	0		-		-
.07	General Use Restrooms	1		0	0		-		-
.08	Office	2	120	240	0		-		-
.09	Conference Room	1	425	425	0		-		-
.10	Custodial Storage	1	50	50	0		-		-
.11	Mail Room	1	200	200	0		-		-
.12	Reprographics Room	1	470	470	0		-		-
	a. Reprographics Room - Satellite	2	120	240	0		-		-
	b. Supply / Storage / Administrative / Reprographics	1	595	595	0		-		-
.13	Reception / Secretarial Office	4	400	1,600	0		-		-
	a. Storage Room	4	80	320	0		-		-
				6,830	**0**		**0**		**0**

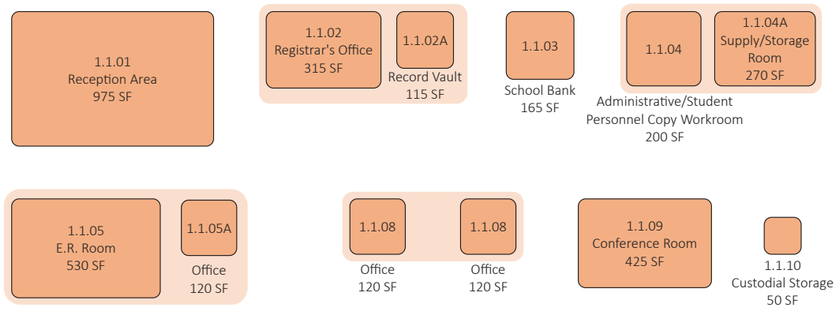
1.2	Dean's / Development Office Complex	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Reception Area	1	655	655	0		-		-
.02	Office	3	150	450	0		-		-
.03	Office	3	120	360	0		-		-
				1,465	**0**		**0**		**0**

1.3	Principal's Area	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Office	1	200	200	0		-		-
.02	Office	1	120	120	0		-		-
.03	Conference Room	1	425	425	0		-		-
.04	Office	5	150	750	0		-		-
				1,495	**0**		**0**		**0**

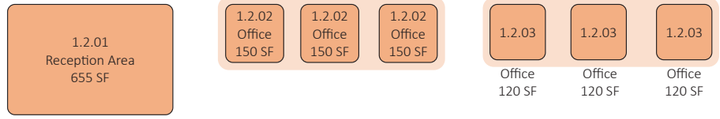
1.4	Health Services Area	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	First Aid Workroom / Office	1	375	375	0		-		-
.02	Restroom (Single-Occ)	2		0	0		-		-
.03	First Aid Cot Area			-	0		-		-
	a. Well Room	1	175	175	0		-		-
	b. Sick Room	1	175	175	0		-		-
.04	T.R. Room	1	200	200	0		-		-
				925	**0**		**0**		**0**

1.0 ADMINISTRATIVE CENTER

1.1 General Administrative Area

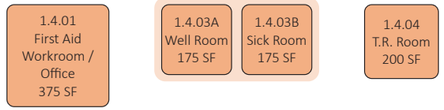


1.2 Dean's / Development Office Complex

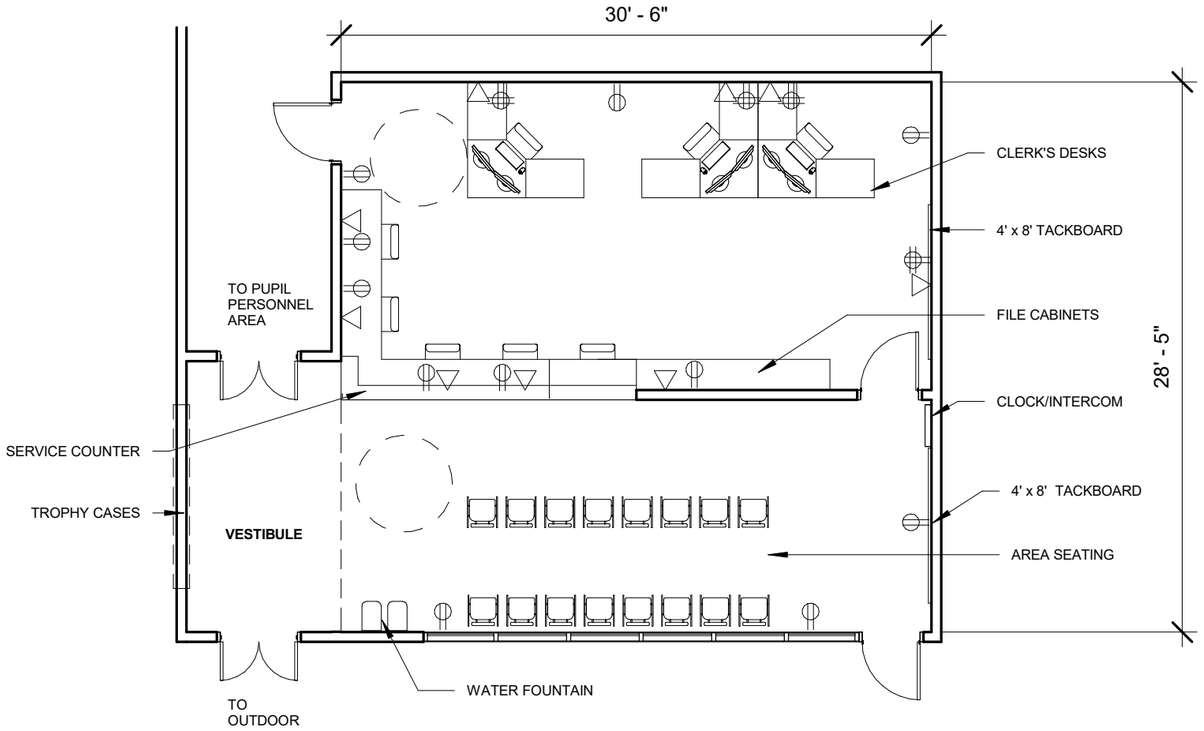


1.3 Principal's Area

1.4 Health Services Area



ROOM DATA SHEETS



DESCRIPTION

Main public entrance. Relate to the Pupil Personnel Area for indirect access. Three clerks and five student aides. Area seating for 16 people.
Provide window coverings.
Two 4' x 8' wall-mounted tackboards.
Two built-in trophy cases, approximately 8' wide x 18" deep x 9' high, entered vertically on the wall, approximately 18" A.F.F.
Built-in one level reception counters, 48" A.F.F. on the reception side, and 32" A.F.F. on the working side, with four duplex outlets, quadraplex outlets as appropriate, undercounter storage with lockable bank drawer, one file drawer, and conduit for computer networking with cable back to the central computer rack. The raised portion of the desk should be high enough to stand binders under it. Make counters wide enough for (2) computer and keyboard stations, locate the electrical outlets for computer/keyboard under the desk and make one hole for each station in the counter top to run the electrical cords through (1 1/4" wide x 5" long).
The cupboards should be located on end of counter furthest away from the main entrance.
Drinking fountain on seating area side.ITV outlet. One clock / intercom..

SERVICES

HVAC: Room Noise Criteria (dBA):	45
Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" to 12'-0"
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

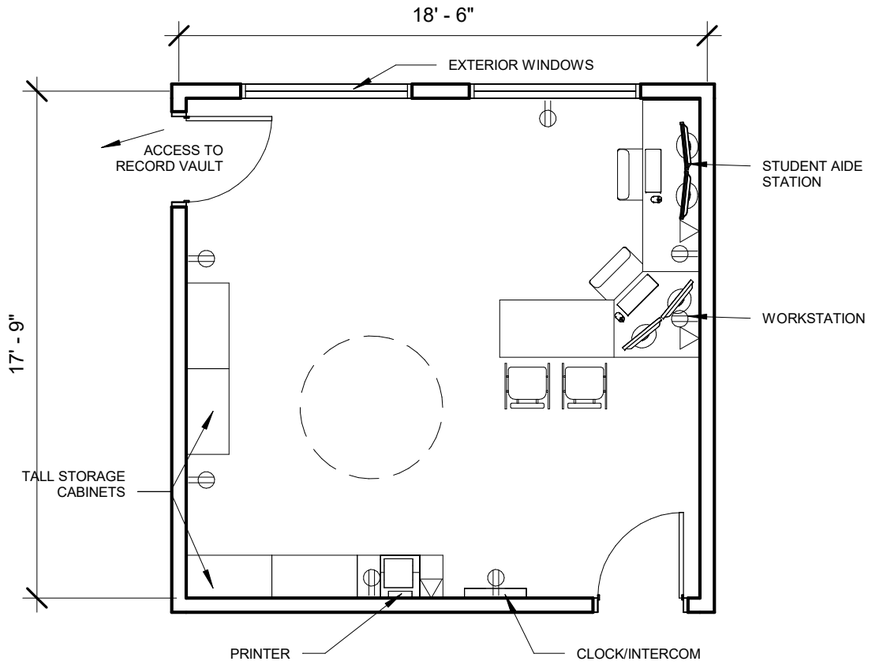
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.01 | RECEPTION AREA

SCALE: 1/8" = 1'-0"

975 SF



DESCRIPTION

1 clerk + 1 student aide. Minimum of 6 outlets. Fireproof room with unique lock storage, and access to record vault. Exterior window preferred.

SERVICES

HVAC Room Noise Criteria (dBA):	45
Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

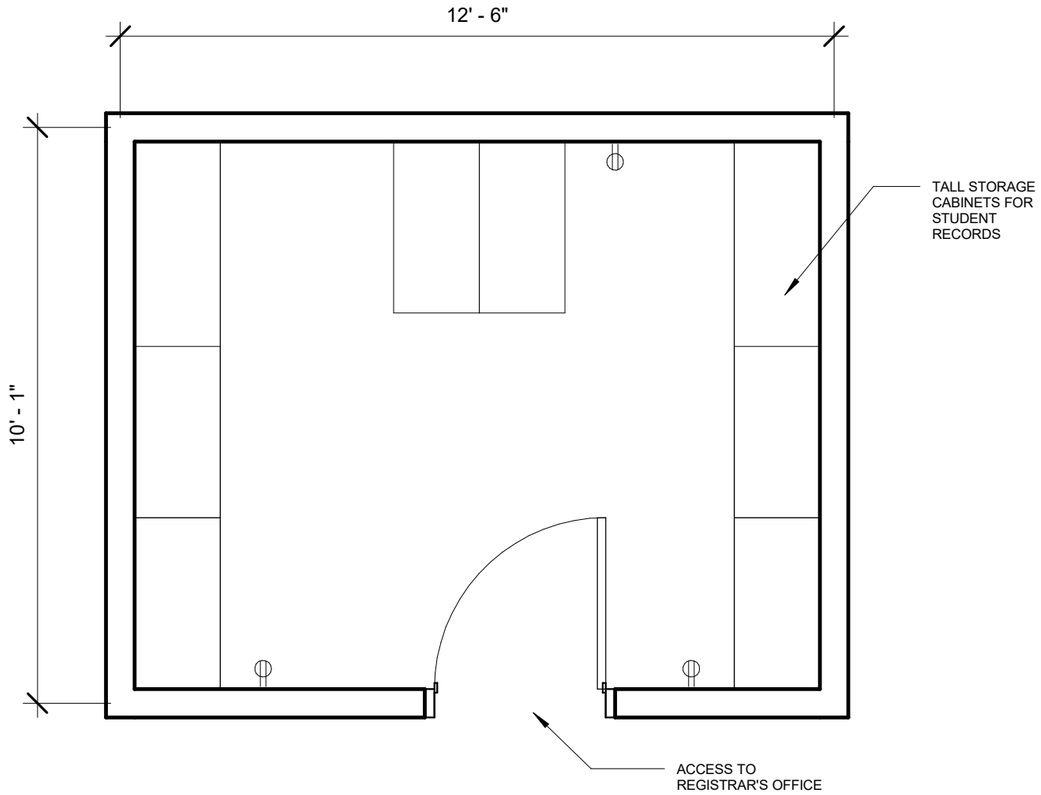
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.02 | REGISTRAR'S OFFICE

SCALE: 3/16" = 1'-0"

315 SF



DESCRIPTION

Record vault attached to registrar's office. One hour fire rating.

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	Gypsum board
Height:	9'-0" min.
CAC Rating:	40
Doors:	Hollow metal, fire rated
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

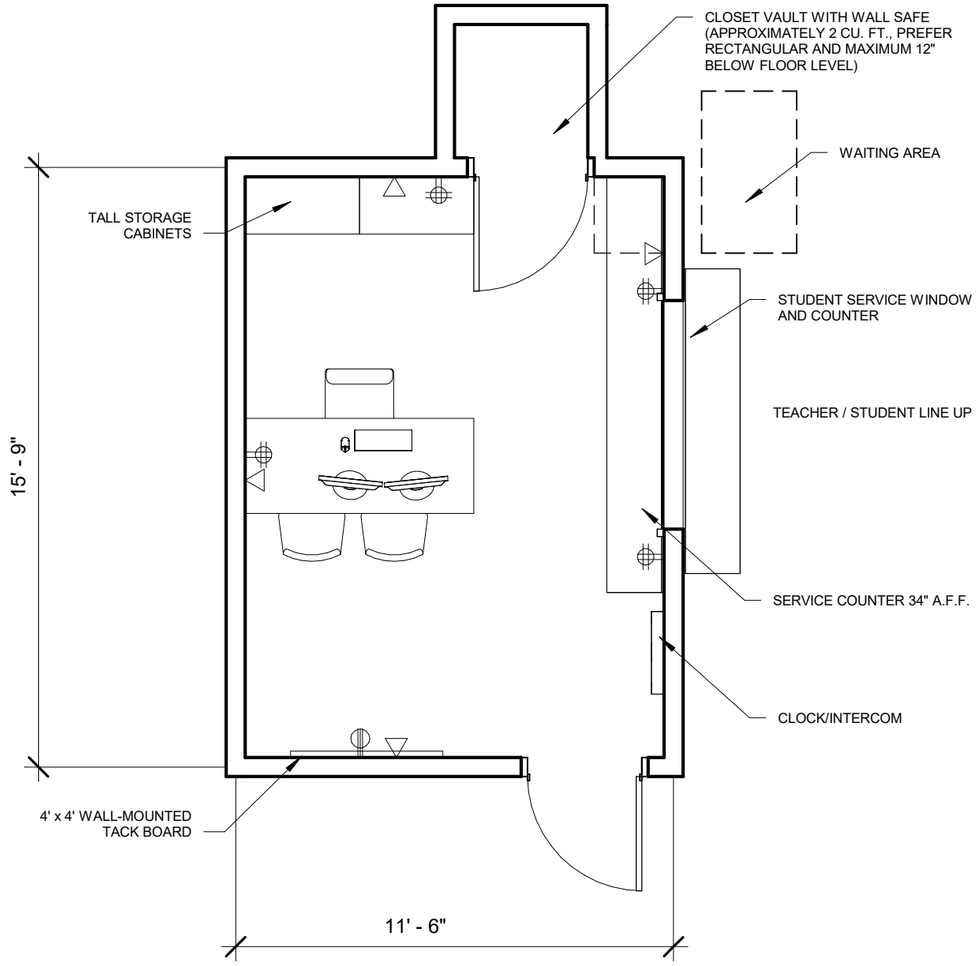
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.02A | RECORD VAULT

SCALE: 3/8" = 1'-0"

115 SF



DESCRIPTION

Service window on the student hallway side of the office for students. (Service window should have an outside counter for student use.)
At one station service counter 34" A.F.F. with one abovecounter duplex outlet, undercounter storage, and undercounter lockable cash drawer. Lockable roll-up shutter on the inside of the window. One 4' x 4' wall-mounted tackboard.
Closet safe (approximately 2 cu. ft., prefer rectangular and maximum 12" below floor level). Two data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. One quadraplex outlets related to desk location. One duplex outlet on walls without quadraplex outlets. One clock outlet near service window. Secure alarmed area. Two tall storage cabinets.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	N0

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

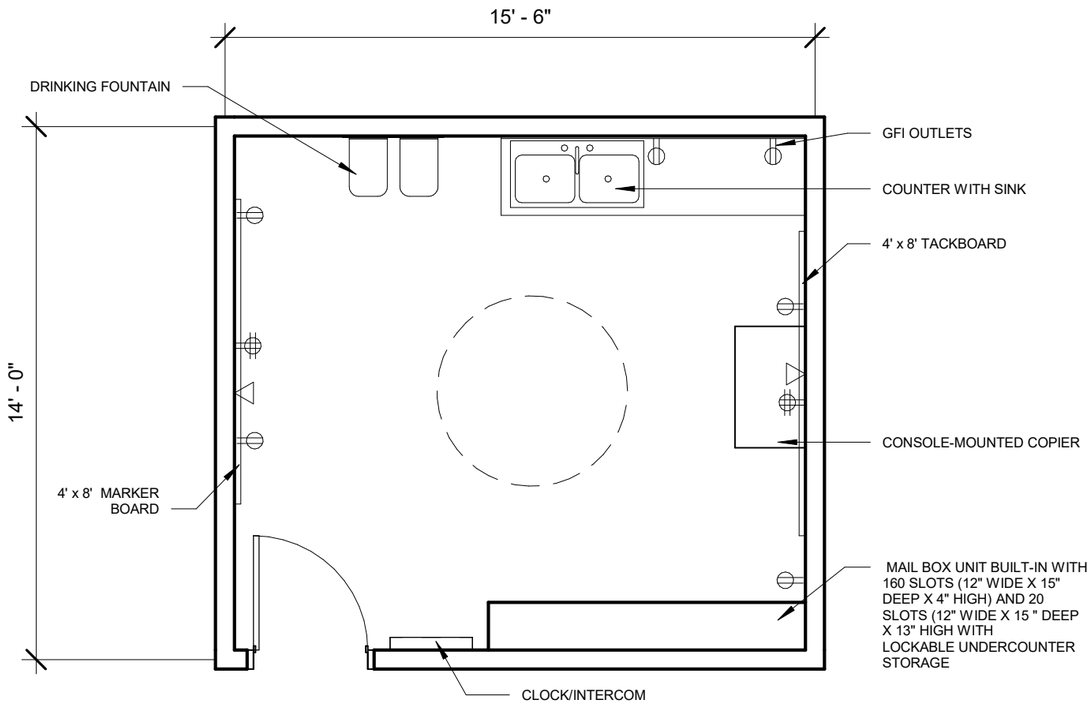
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.03 | SCHOOL BANK

SCALE: 1/4" = 1'-0"

165 SF



DESCRIPTION

Accessible by all in Administrative Center.
One 4' x 8' wall-mounted tackboard. One 4' x 8' marker board. Counter with sink, hot and cold water, and GFI outlets. One data port on opposite wall from mailbox unit per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. Mail box unit built-in with 160 slots (12" wide x 15" deep x 4" high) and 20 slots (12" wide x 15 " deep x 13" high with lockable undercounter storage.Two duplex outlets and one quadraplex outlet on each remaining wall. Dedicated circuit for console-mounted copier. Outlets not to be daisy chained. One clock / intercom. Two electric drinking fountains, one in compliance with ADA.

SERVICES

HVAC: Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	51
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

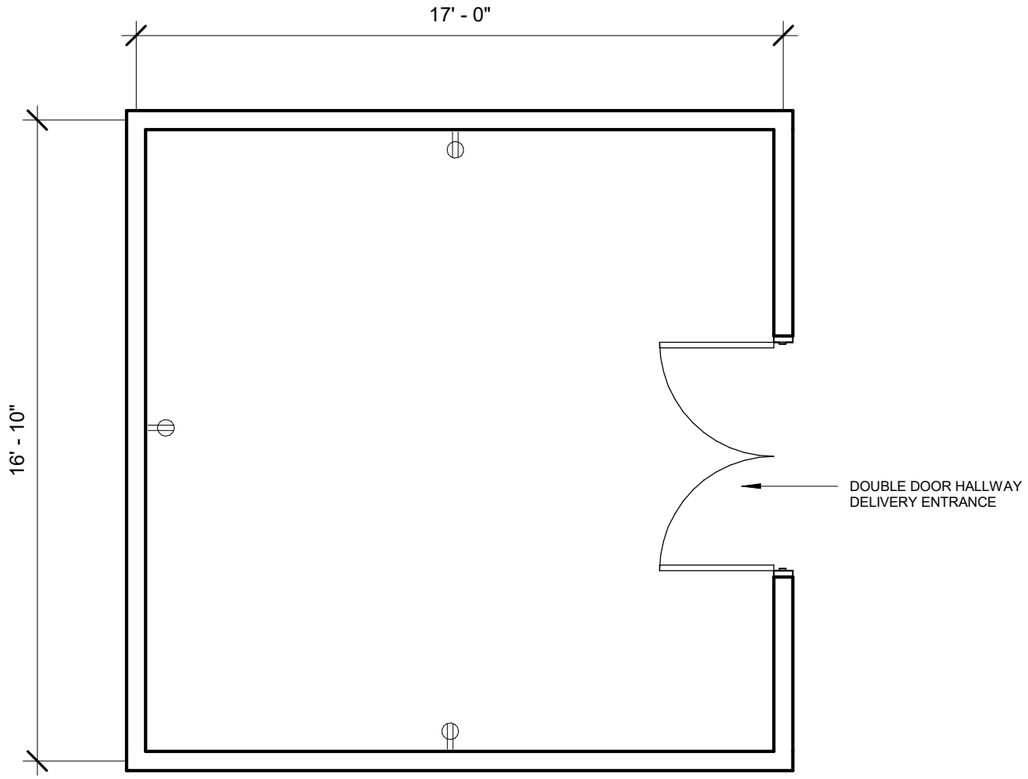
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/4" = 1'-0"

1.1.04 | ADMIN / STUDENT PERSONEL WORKROOM

200 SF



DESCRIPTION

Storage for all school supplies. Provide double door hallway delivery entrance.

SERVICES

HVAC: Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

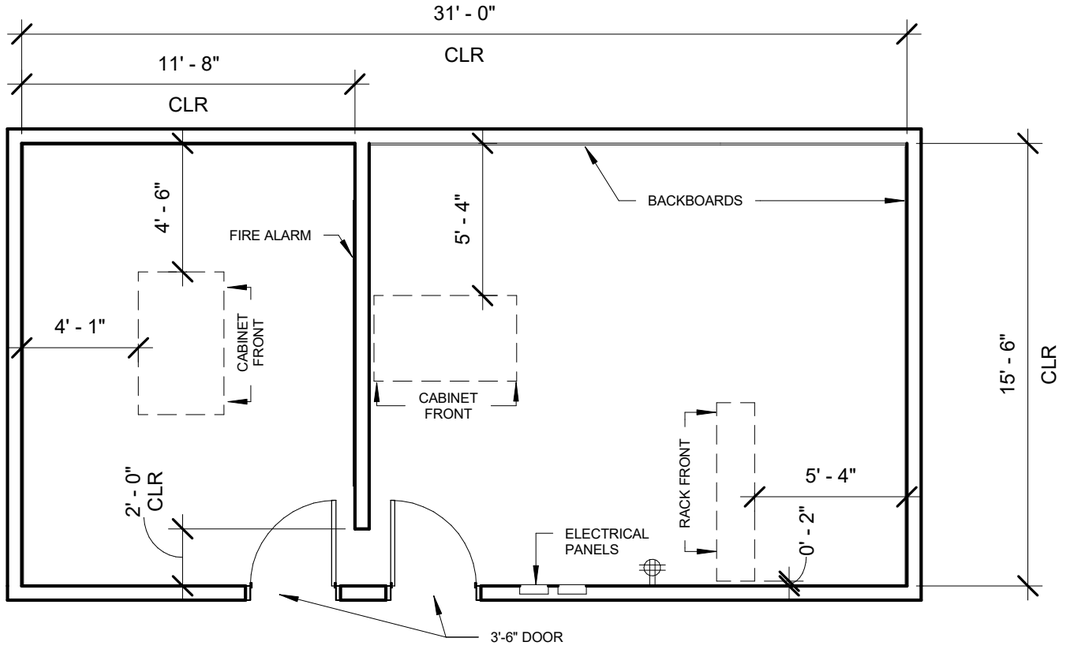
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/4" = 1'-0"

1.1.04A | SUPPLY/STORAGE ROOM

270 SF



DESCRIPTION

E.R. in a central location within the facility. This room shall support the following systems: Data, ITV / CTV, telecommunications, clock / intercom, EMS, fire system, and UPS.
Each cabinet / rack and ladder tray are to be properly grounded. Electrical power supported by Ups Tied into the site life / safety backup generator. Baby changing spaces to be located in public spaces only. Data wiring infrastructure and electrical power to support all required equipment /infrastructure. Provide HVAC supply and return air. One quadraplex outlet. Other power outlets as required. Landline - phone outlet.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	VCT static dissipative
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

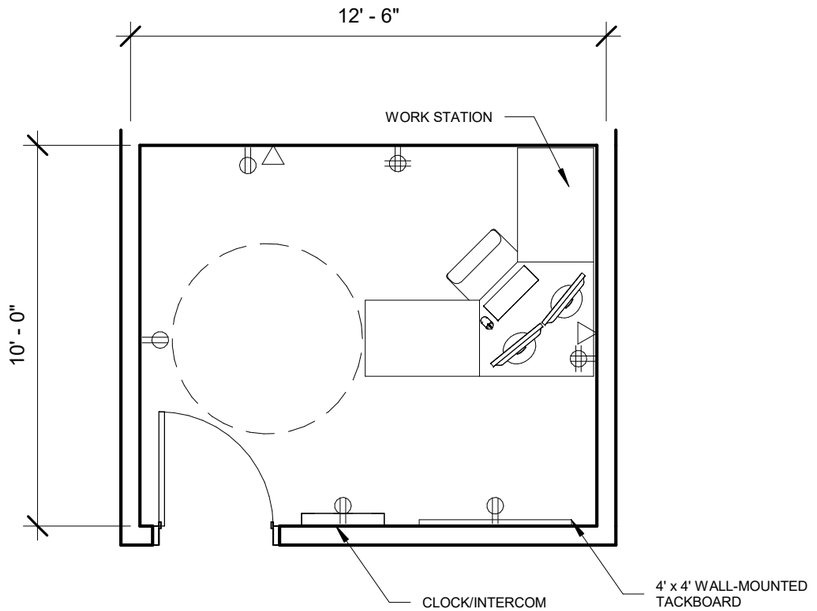
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.05 | E.R. ROOM

SCALE: 3/16" = 1'-0"

530 SF



DESCRIPTION

Relate to E.R. Room. One 4' x 4' wall-mounted tackboard. Data port related to desk location per current CCSD standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Two quadraplex outlets related to desk location. One duplex outlet on walls without quadraplex outlets.
One clock outlet.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

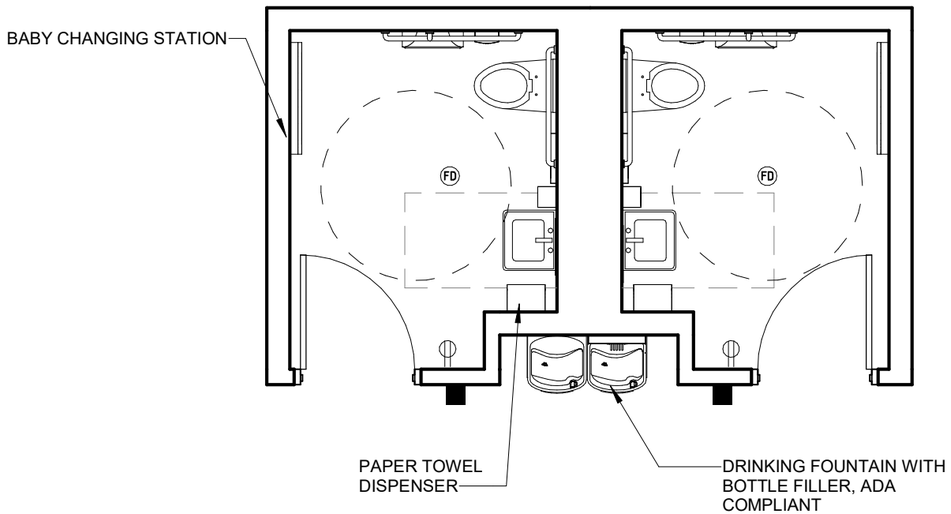
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.05A | OFFICE

SCALE: 1/4" = 1'-0"

120 SF



DESCRIPTION

Single user restrooms. Access from main hallway.
Water closet and lavatory to meet code. Shatterproof mirror.
One GFIC duplex outlet near lavatory. Liquid soap dispenser.
Paper towel dispenser. Roll toilet paper dispenser. Sanitary napkin dispenser/disposal. Baby changing stations in public space restrooms only - Theater, Physical activity center and Student activity center.
ADA accessible.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	Resinous flooring
Walls:	Paint
STC Rating:	51
Ceiling:	Gypsum board
Height:	9'-0" min.
CAC Rating:	51
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

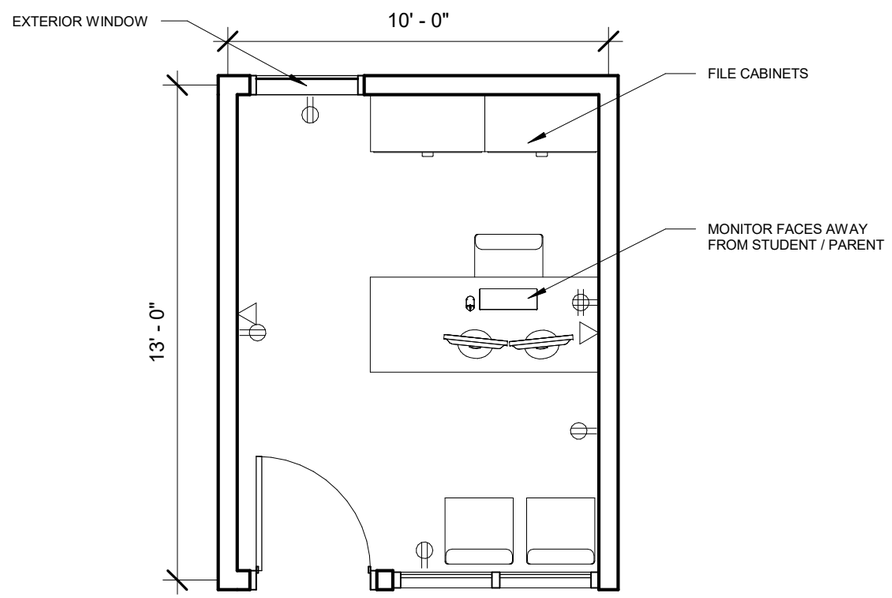
- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.07, 4.1.07, 4.3.02B, 7.1.02, 8.1.02, 10.2.02, 11.1.02, 12.1.02

STAFF / GENERAL USE RESTROOM

SCALE: 1/4" = 1'-0"

N/A



DESCRIPTION

An outlet on each wall and one wall with two. Prefer exterior window; must be private for confidentiality. Offices should be in close proximity to each other. Computer monitor not visible to students in the office.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

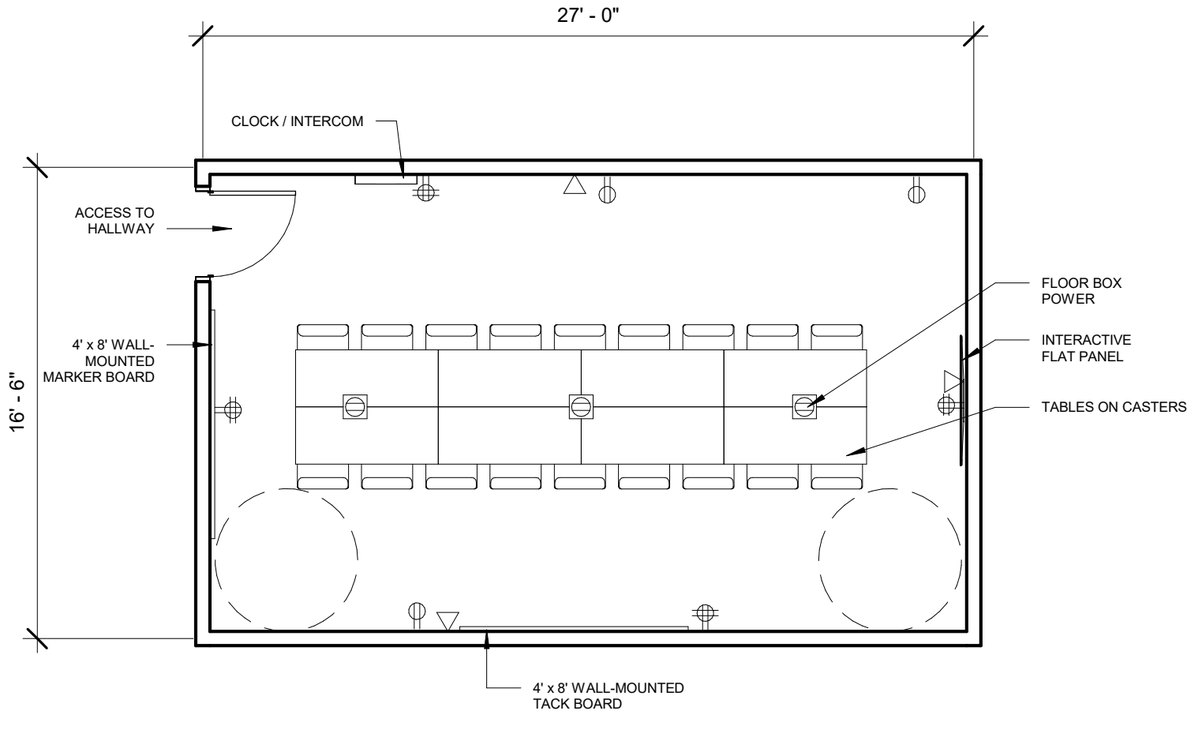
- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.08

OFFICE

SCALE: 1/4" = 1'-0"

120 SF



DESCRIPTION

Large table with room to seat at least 15 people comfortably.
AV Equipment for college visitations.
One 4' x 8' wall-mounted tackboard. One 4' x 8' wall-mounted marker board at the front of the room.
Provide power,data connections and backing at interactive flat panel locations.
A minimum of one data port on a side wall per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. One quadraplex outlet on each side wall. Additional duplex outlets on each wall per code. AV ready room - speaker and microphone integration capabilities.
One clock / intercom located by the entrance door.
Sound attenuation and isolation.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

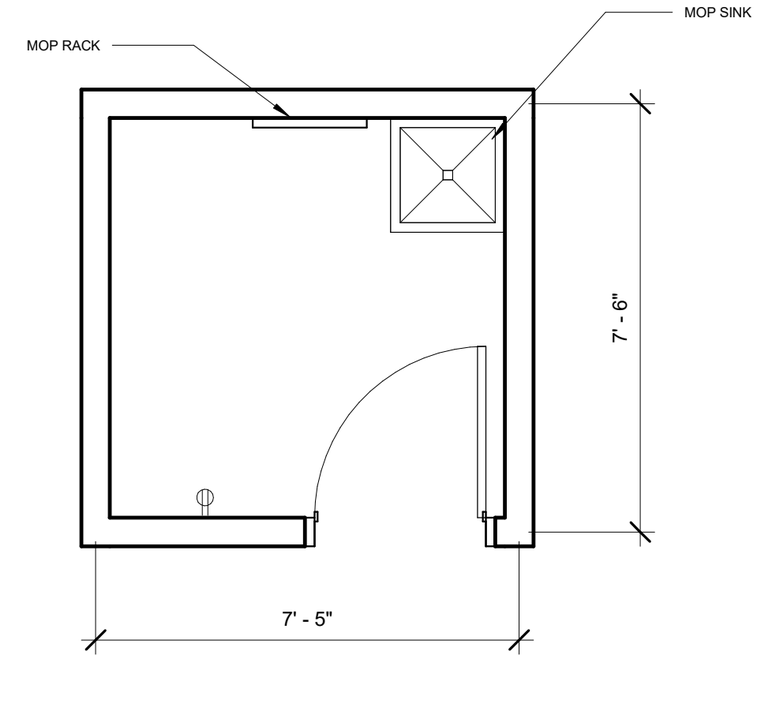
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.09 | CONFERENCE ROOM

SCALE: 3/16" = 1'-0"

425 SF



DESCRIPTION

Custodial storage with mop sink with hot/cold water and mop rack, (include FRP on side walls that are drywall).
One duplex outlet.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

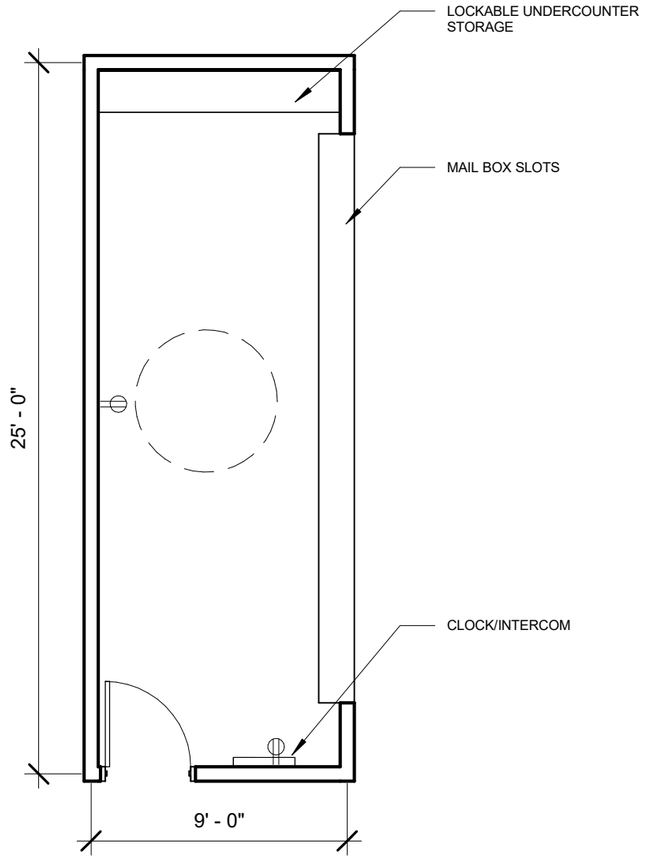
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.10 | CUSTODIAL STORAGE

SCALE: 3/8" = 1'-0"

50 SF



DESCRIPTION

Mail box unit built-in with 160 slots (12" wide x 15" deep x 4" high) and 20 slots (12" wide x 15" deep x 13" high) with lockable undercounter storage. Clock intercom located near entrance.

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

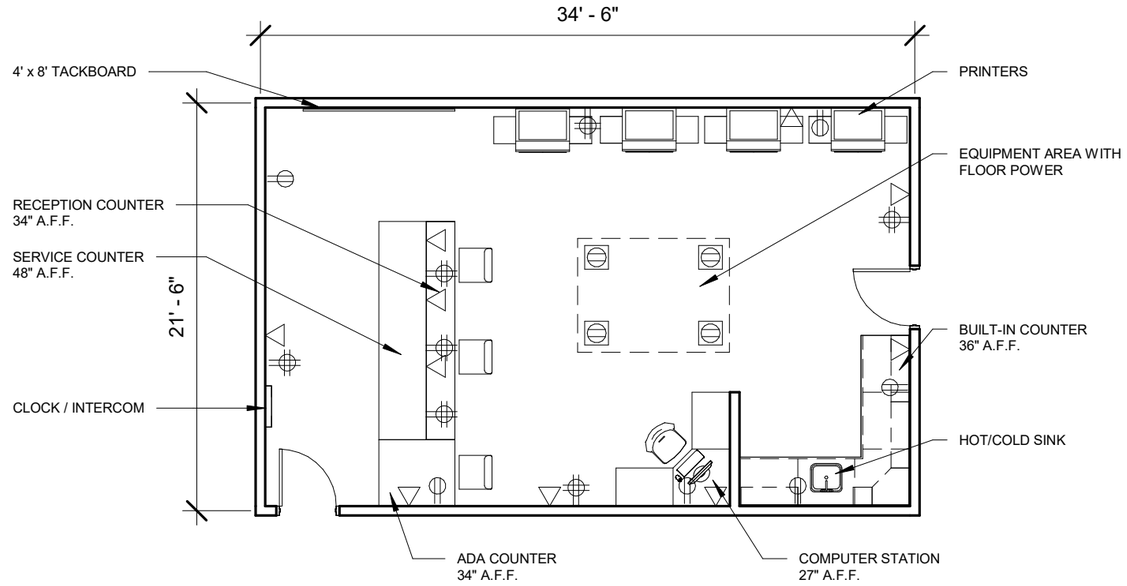
KEY

RECEPTACLE	DATA
QUAD RECEPTACLE	TV OUTLET
DATA/PHONE	CLOCK/INTERCOM
FLOOR BOX (POWER & DATA)	

1.1.11 | MAIL ROOM

SCALE: 3/16" = 1'-0"

200 SF



DESCRIPTION

Relate to teacher traffic.
One 4' x 8' wall-mounted tackboard.
Reception and receiving counter with undercounter storage at the teacher and delivery doors.
Built-in work counter, 36" A.F.F., 30" deep, on one wall including sink with hot and cold water, undercounter lockable storage, abovecounter electrical plugmold (24" O.C.), and abovecounter lockable storage.Electrical connections not to be daisy chained.
One computer station, 27" A.F.F., 30" deep and 36" wide with data port with conduit for computer networking with cable back to the central computer rack.
One quadraplex outlet on each of three walls related to potential desk locations.
Electrical outlets (4' O.C.) on non-counter walls.
Electrical 220/240 volts, single phase, 30 amps circuit for printer.
Four duplex outlets in floor for other equipment (space locations away from printer).
Exhaust hood for offset press and duplication machines in central area of the room.
One clock / intercom viewable from both service counters.
Sound attenuation.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	15'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

RECEPTACLE	DATA
QUAD RECEPTACLE	TV OUTLET
DATA/PHONE	CLOCK/INTERCOM
FLOOR BOX (POWER & DATA)	

SERVICES

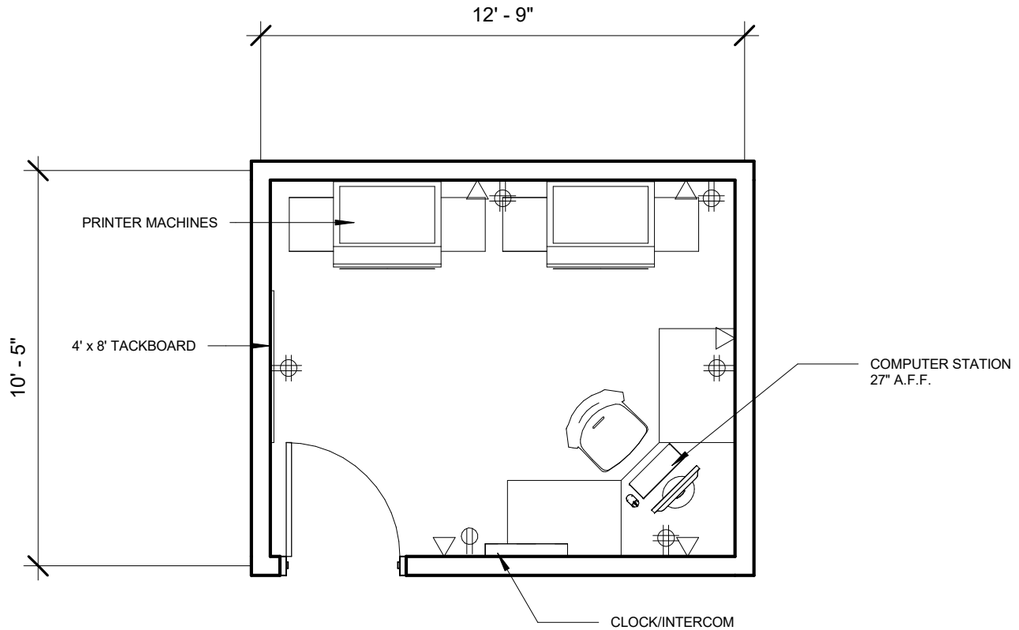
HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110V,220/240V
Data:	Yes
AV:	No

1.1.12 | REPROGRAPHICS ROOM

SCALE: 1/8" = 1'-0"

470 SF



DESCRIPTION

Secondary reprographics room. Relate to teacher traffic.
One 4' x 8' wall-mounted tackboard.
One computer station, 27" A.F.F., 30" deep and 36" wide with data port with conduit for computer networking with cable back to the central computer rack.
One quadraplex outlet on each of three walls related to potential desk locations.
One clock outlet.
Sound attenuation.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110V,220/240V
Data:	Yes
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	15'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

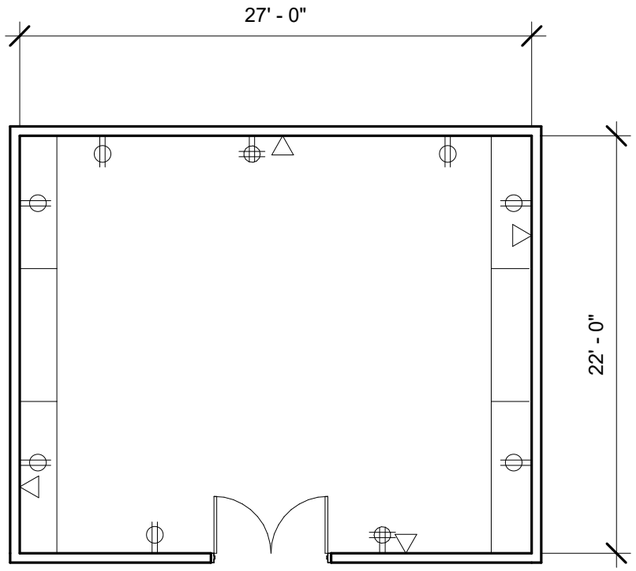
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.12A | REPROGRAPHICS ROOM - SATELLITE

SCALE: 1/4" = 1'-0"

120 SF



DESCRIPTION

Storage for all school supplies.
Provide double door entry off hallway.
Two duplex outlets on each wall.Quad on two walls.
Data for potential printer connection.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110V,220/240V
Data:	Yes
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

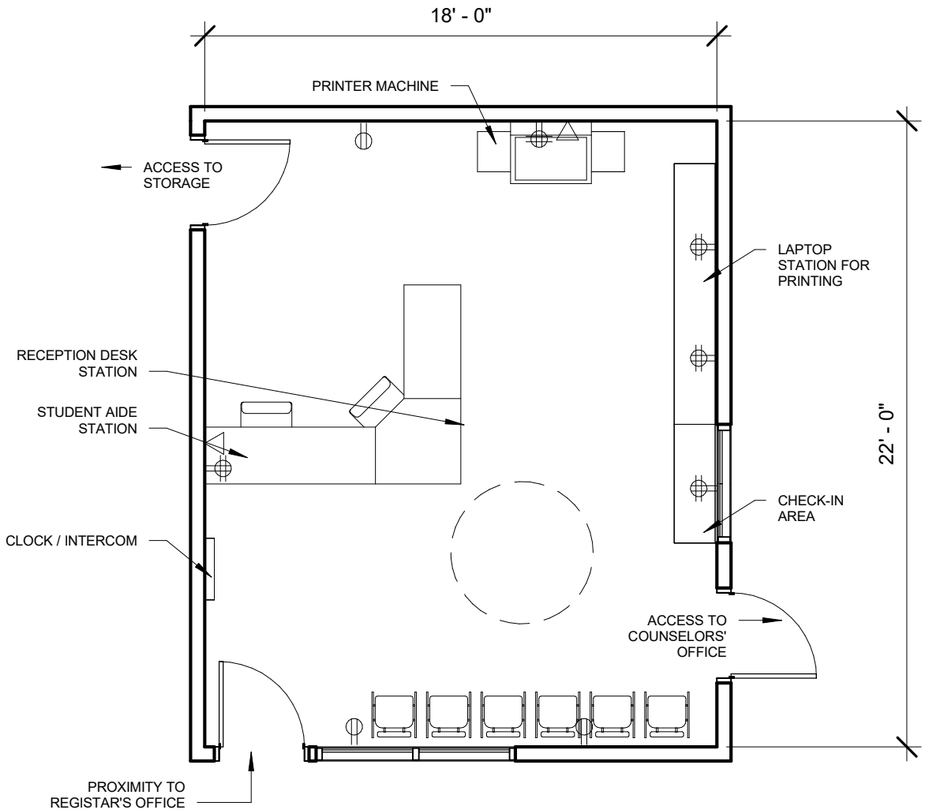
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/8" = 1'-0"

1.1.12B | SUPPLY/STORAGE ADMIN/REPROGRAPHICS

595 SF



DESCRIPTION

Access to counseling offices. Proximity to Registar's Office.Receptionist desk situated to control access to counseling office. Windows into counseling offices with blinds. Printer area. Student aide work area. Laptop station for printing (no more than 5). A large area where a laptop for student check-in can be placed. The monitor hidden from parents/students. Clock/intercom.

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite / Storefront
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA):	35
Plumbing:	No
Power:	110V,220/240V
Data:	Yes
AV:	No

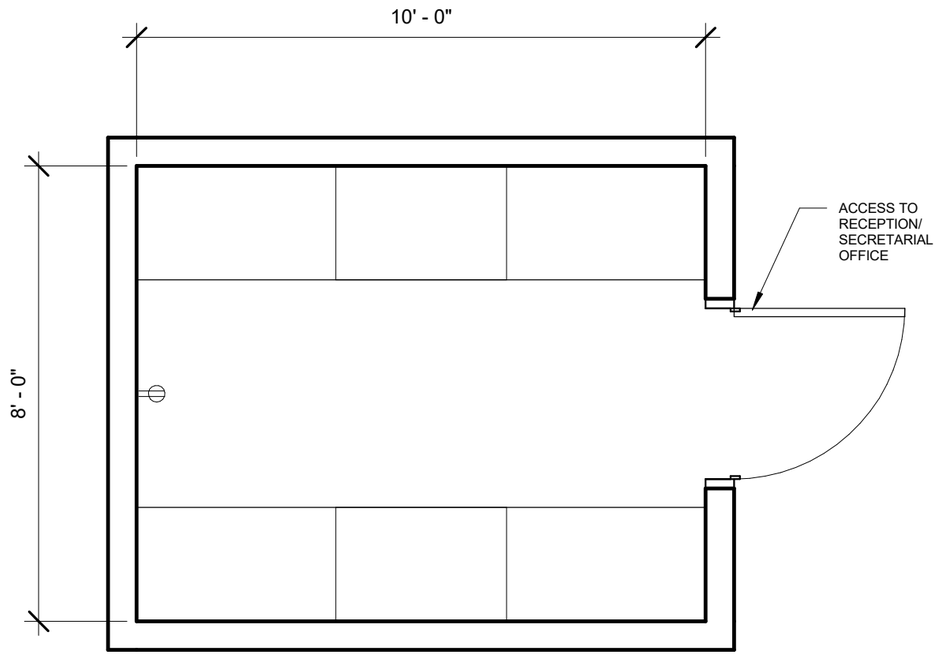
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.13 | RECEPTION / SECRETARIAL OFFICE

SCALE: 3/16" = 1'-0"

400 SF



DESCRIPTION

Direct access from Reception/ Secretarial Office. One duplex outlet.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA):	35
Plumbing:	No
Power:	110v
Data:	No
AV:	No

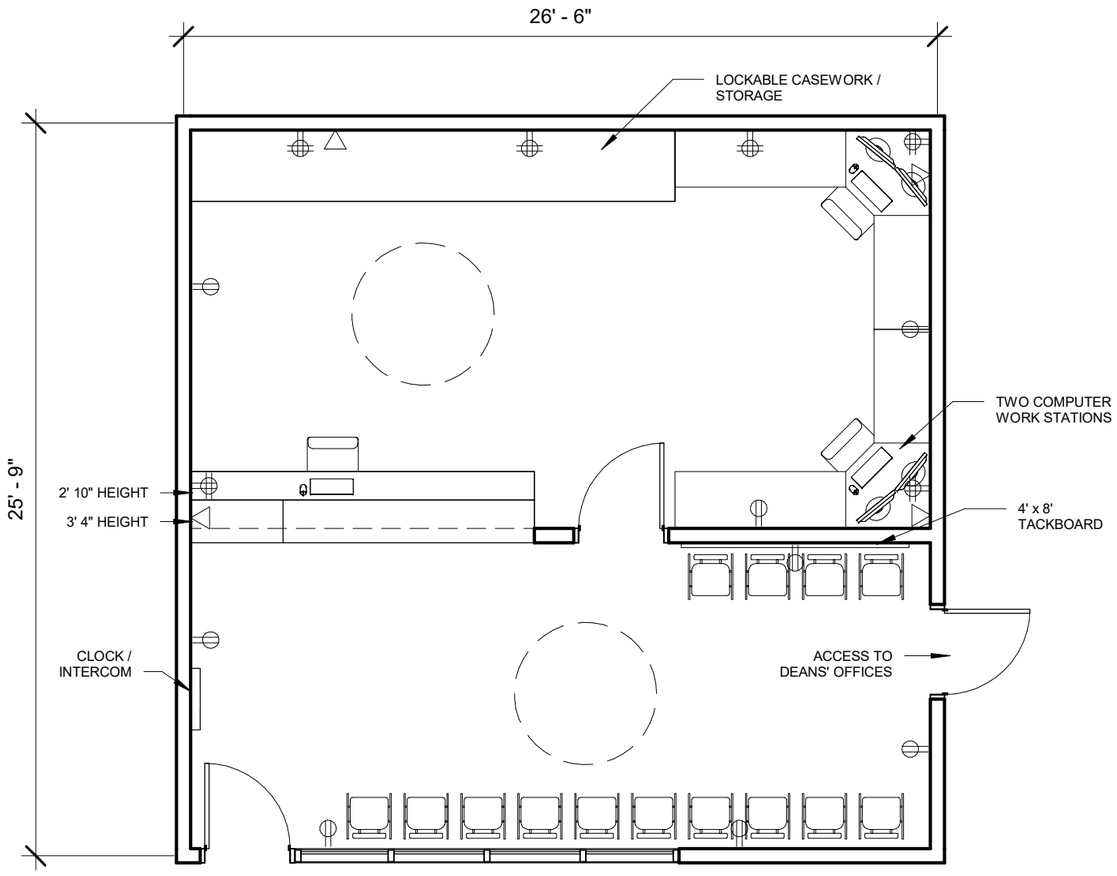
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.1.13A | STORAGE ROOM

SCALE: 3/8" = 1'-0"

80 SF



DESCRIPTION

Controls access to Deans' Offices. One clerk and two student aides.
One 4' x 8' wall-mounted tackboard.
Space for two computer workstations (min. configurations 84" x 108") each.
Data ports at potential desk locations per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. Two quadraplex outlets on long walls and one quadraplex outlet on each short wall. One additional duplex outlet on each wall. One ITV outlet. One clock / intercom. Secure area.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite /Storefront
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

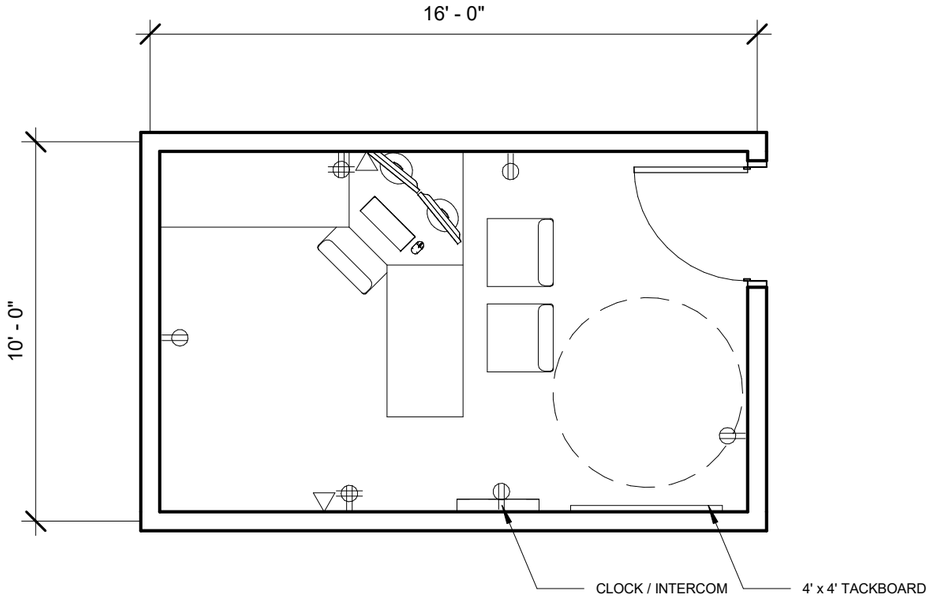
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.2.01 | RECEPTION AREA

SCALE: 3/16" = 1'-0"

655 SF



DESCRIPTION

Related to Reception Area for access.
One 4' x 4' wall-mounted tackboard.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. One quadraplex outlet on each of two walls related to desk location. One duplex outlet on each remaining wall.
One clock / intercom.
Sound attenuation and sound isolation.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

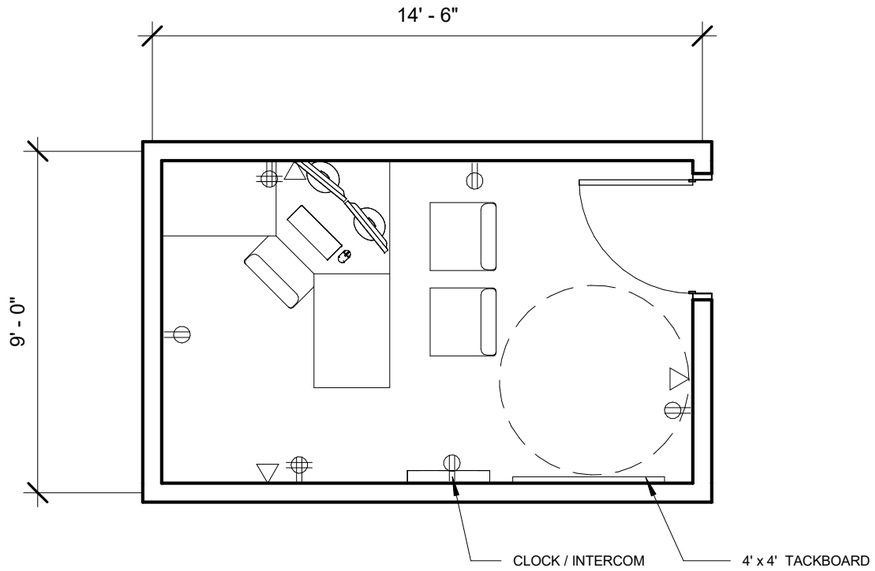
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.2.02 | OFFICE

SCALE: 1/4" = 1'-0"

150 SF



DESCRIPTION

Relate to Reception Area for access.
One 4' x 4' wall-mounted tackboard. Data ports related to desk locations per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. Two quadraplex outlets related to desk locations. One duplex outlet on walls without quadraplex outlets.
One clock / intercom.
Sound attenuation and isolation.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

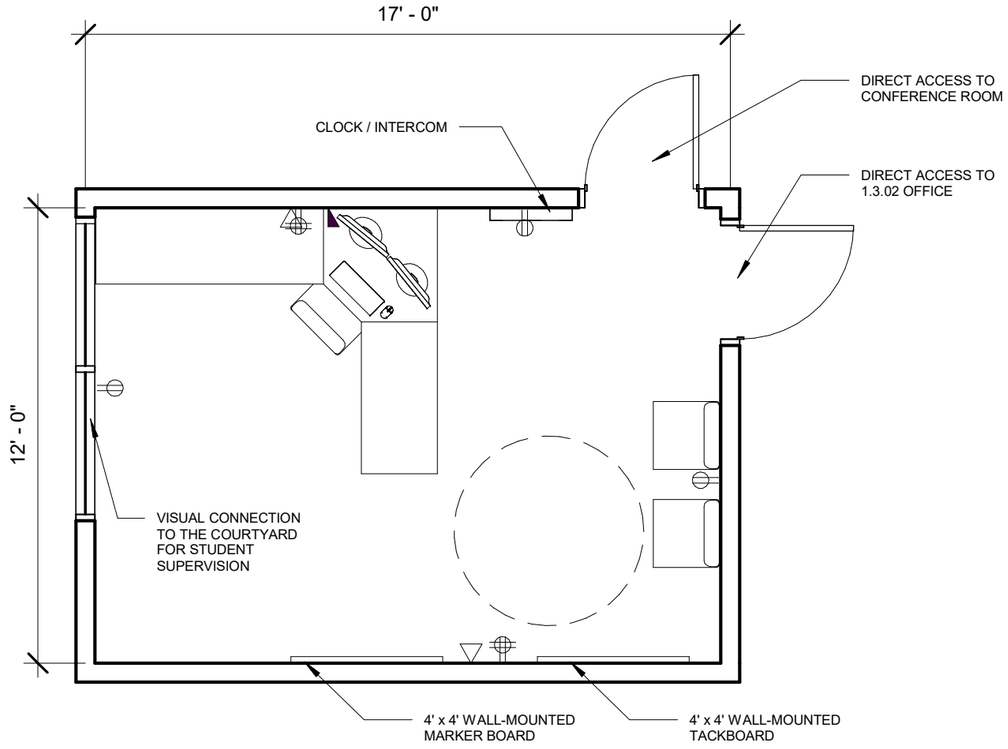
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.2.03 | OFFICE

SCALE: 1/4" = 1'-0"

120 SF



DESCRIPTION

Limited student traffic. Direct access to 1.3.02 office. Direct access to conference room.
One 4' x 4' wall-mounted tackboard. One 4' x 4' wall-mounted markerboard.
Data ports related to potential desk locations per current CCSD Standard premise wiring matrix with conduit for three computer outlets for computer networking with cable back to the central computer rack.
A minimum of three quadraplex outlets related to potential desk locations. Additional duplex outlets on walls without quadraplex outlets.
One phone outlet for principal hot line. One clock / intercom.
Sound attenuation and sound isolation.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

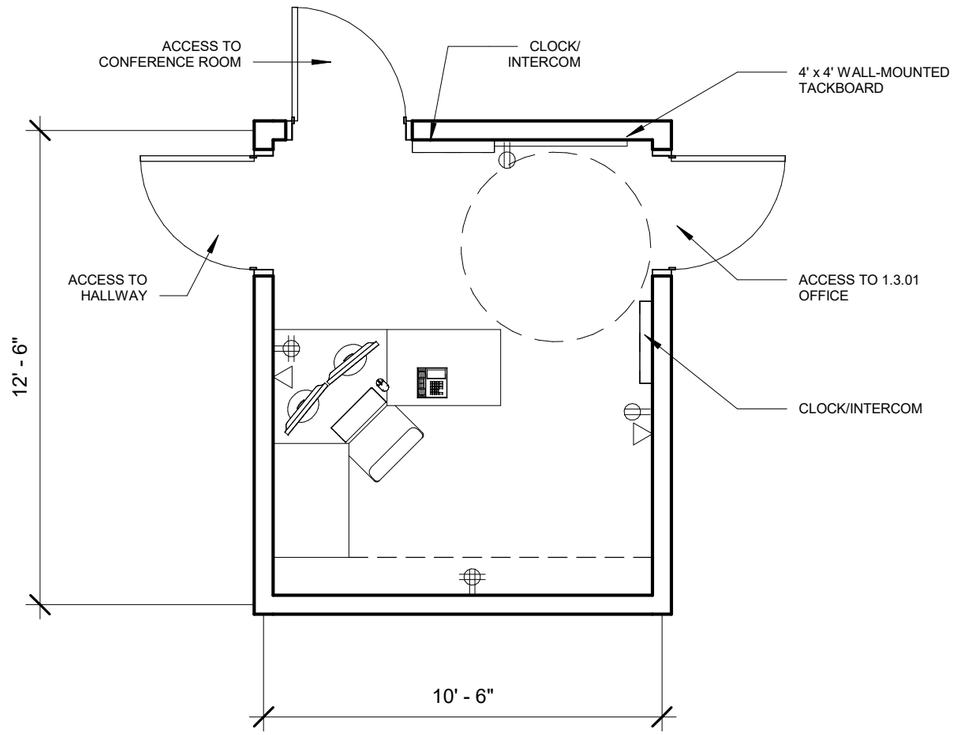
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.3.01 | OFFICE

SCALE: 1/4" = 1'-0"

200 SF



1.3.02 | OFFICE

SCALE: 1/4" = 1'-0"

120 SF

DESCRIPTION

Controls access to 1.3.01 office and conference room.
One 4' x 4' wall-mounted tackboard.
Space for computer work station (min. 84" x 108" configuration).
A minimum of two data ports related to desk locations per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. A minimum of two quadraplex outlets related to desk locations. One duplex outlet on remaining wall. One clock / intercom located by entrance door.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

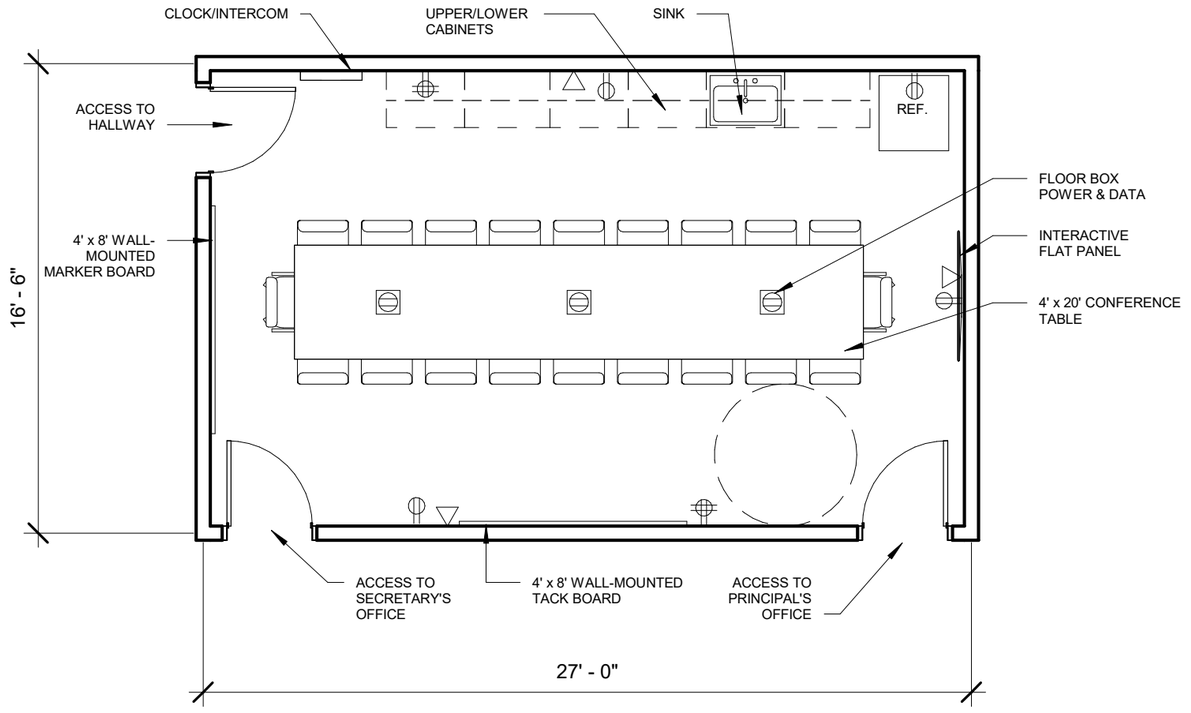
FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM



1.3.03 | CONFERENCE ROOM

SCALE: 3/16" = 1'-0"

425 SF

DESCRIPTION

Direct access from principal's office. Seating for 20 at a 20' x 4' conference table. One 4' x 8' wall-mounted tackboard. One 4' x 8' wall-mounted marker board at the front of the room.
Provide power,data connections and backing at interactive flat panel locations.
A minimum of one data port on a side wall per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. One quadraplex outlet on each side wall. Additional duplex outlets on each wall per code.
AV ready room - speaker and microphone integration capabilities.
One clock / intercom located by the entrance door.
Sound attenuation and isolation.
Kitchenette on one wall with built-in casework, sink and refrigerator.
Electrical not to be daisy-chained at kitchenette.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

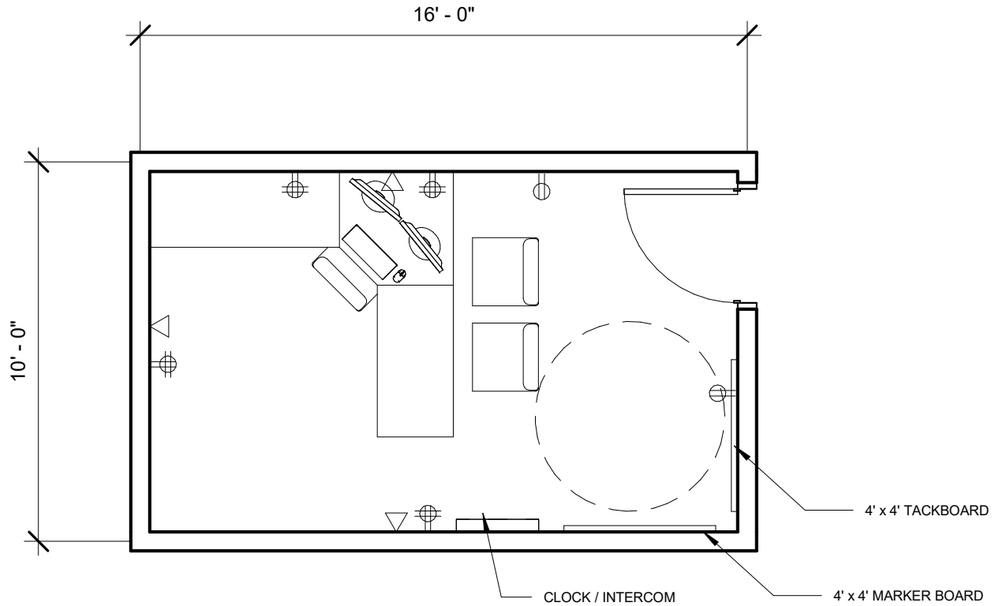
FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM



DESCRIPTION

Limited student traffic.
One 4' x 4' wall-mounted tackboard. One 4' x 4' wall-mounted markerboard. Data ports related to potential desk locations per current CCSD Standard premise wiring matrix with conduit for three computer outlets for computer networking with cable back to the central computer rack. A minimum of three quadraplex outlets related to potential desk locations. Additional duplex outlets on walls without quadraplex outlets.
One ITV outlet. One CTV outlet.
One clock / intercom near entry door.
Sound attenuation and sound isolation.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

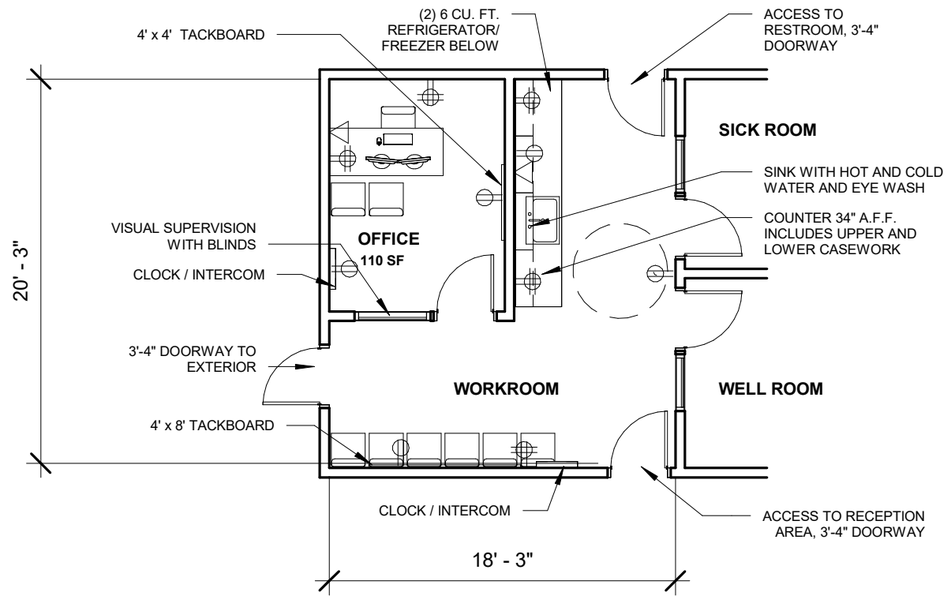
KEY

RECEPTACLE	DATA
QUAD RECEPTACLE	TV OUTLET
DATA/PHONE	CLOCK/INTERCOM
FLOOR BOX (POWER & DATA)	

1.3.04 | OFFICE

SCALE: 1/4" = 1'-0"

150 SF



DESCRIPTION

Relate to Reception Area for access.
Separate office within area with direct access to 1st aid workroom. Door to corridor from 1st aid workroom.
All doorways should be ADA accessible (3' - 4" entrance doors are preferred).
Visual supervision with blinds from office to 1st aid workroom and cot area.
One 4' x 4' wall-mounted tackboard in office. One 4' x 8' wall-mounted tackboard in workroom area.
Built-in work counter 34" A.F.F. with sink (sink should not be behind the door), faucet with hot and cold water, (eye wash on faucet), work-light under the abovecounter shelving and over the sink area, abovecounter electrical plugmold (electrical connections not to be daisy chained), abovecounter lockable storage with adjustable shelving, and undercounter storage with adjustable shelving, lockable doors, and lockable drawers in the 1st aid workroom. Area and power for 6 cu. ft. refrigerator/freezer in 1st aid room.
Data ports in office and one data port in 1st aid workroom per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack in health services office area. One quadraplex outlet on each of two walls related to desk locations. One additional duplex outlet on each wall.
Non-textured painted enamel walls. Clock / intercom in office and workroom.

FINISHES

Floor:	VCT
Walls:	Painted enamel
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

RECEPTACLE	DATA
QUAD RECEPTACLE	TV OUTLET
DATA/PHONE	CLOCK/INTERCOM
FLOOR BOX (POWER & DATA)	

SERVICES

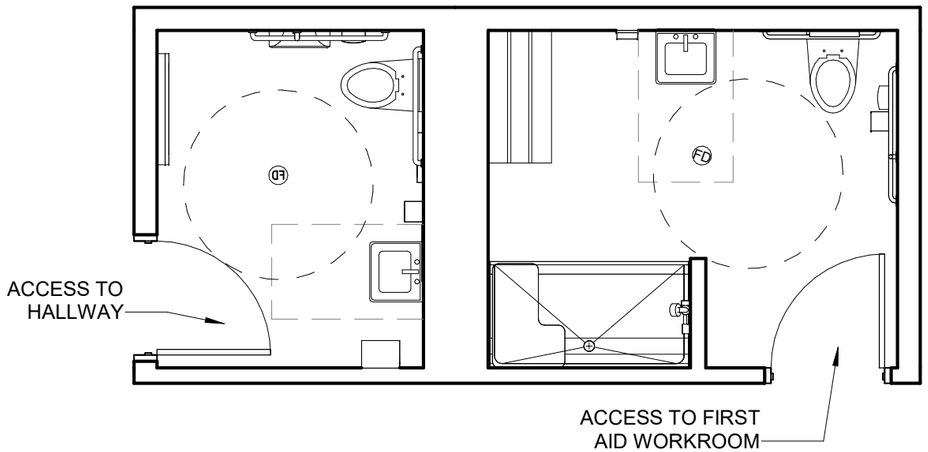
HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

1.4.01 | FIRST AID WORKROOM / OFFICE

SCALE: 1/8" = 1'-0"

375 SF



DESCRIPTION

Access from hallway.
Support of students visiting health services area.
Rest Room assignable Include space for a chair.
One S. S. wall mounted towel pin on back of door.
Water closet and lavatory to meet code.
Shatterproof mirror(s).
One GFIC duplex outlet.
Soap dispenser(s). (OFOI)
Paper towel dispenser(s).
Roll toilet paper dispenser(s).
One shower with toweling/changing area.
ADA accessible with flex hose, grab bars, fold up shower seat, and other accessories to meet code.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	Resinous flooring
Walls:	Paint
STC Rating:	51
Ceiling:	Gypsum board
Height:	9'-0" min.
CAC Rating:	51
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

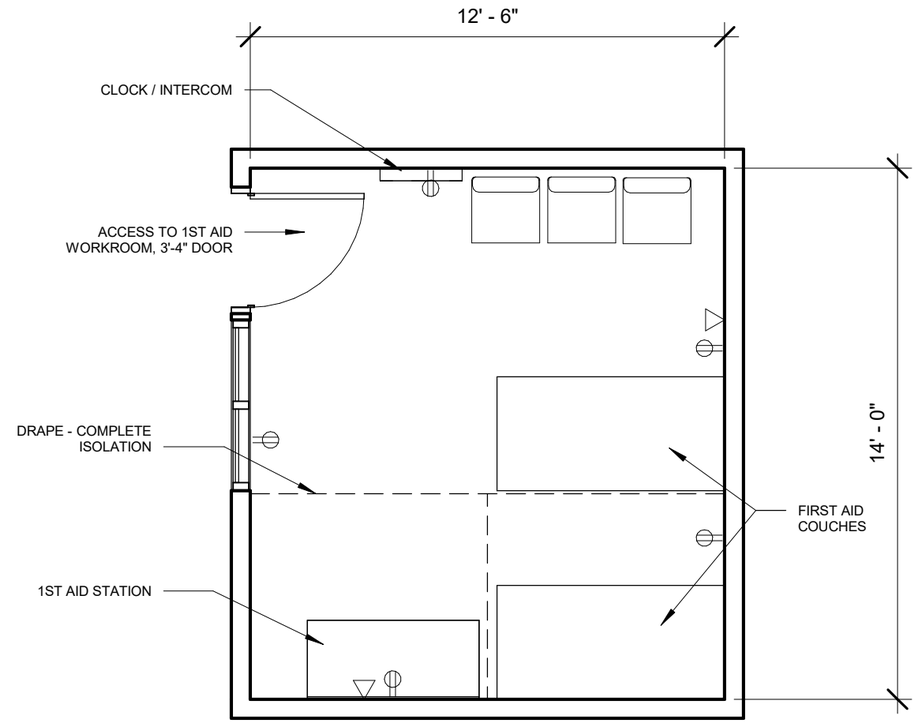
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.4.02 | GENERAL USE RESTROOM

SCALE: 1/4" = 1'-0"

N/A



DESCRIPTION

Visual supervision from workroom area. Used for therapy, examination and rest.
Two 6' 1st aid couches. Drapes for one 1st aid couch in the isolation area (one couch area next to the 1st aid work area should have complete drape isolation).
One wall mounted towel pin on the wall behind each couch.
Non- textured painted enamel walls.
Clock / intercom near entry door.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	VCT
Walls:	Painted enamel
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

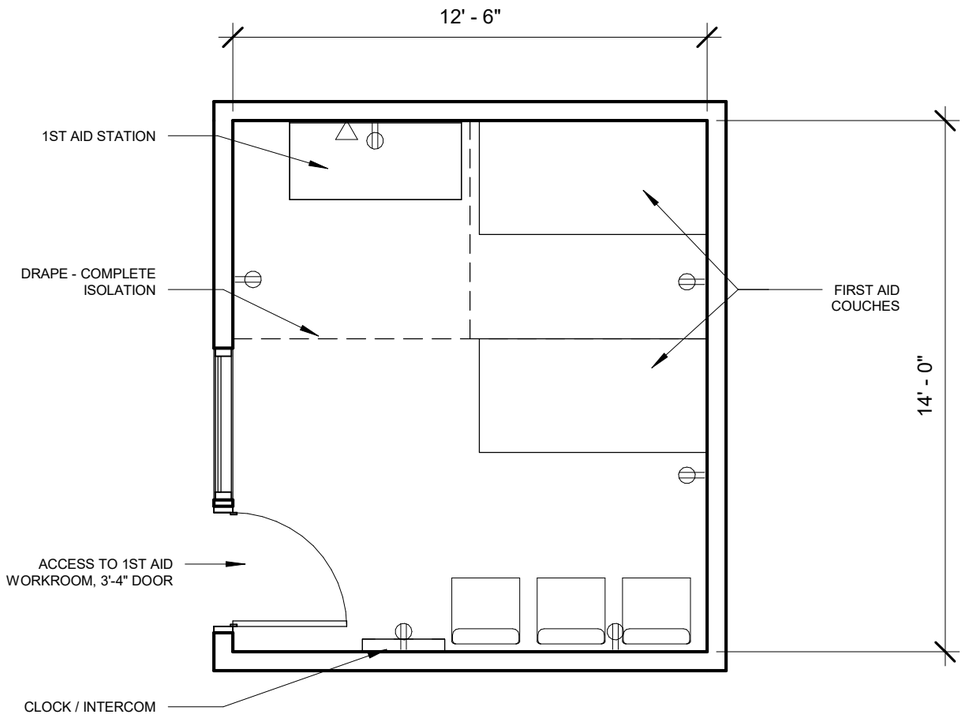
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.4.03A | WELL ROOM

SCALE: 1/4" = 1'-0"

175 SF



DESCRIPTION

Visual supervision from office area. Used for therapy, examination and rest of students not feeling well.
Access from workroom. Two 6' 1st aid couches.
Drapes for one 1st aid couch in the isolation area (one couch area next to the 1st aid work area should have complete drape isolation).
One wall mounted towel pin on the wall behind each couch.
Non- textured painted enamel walls.
Clock / intercom near entry door.

FINISHES

Floor:	VCT
Walls:	Painted enamel
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

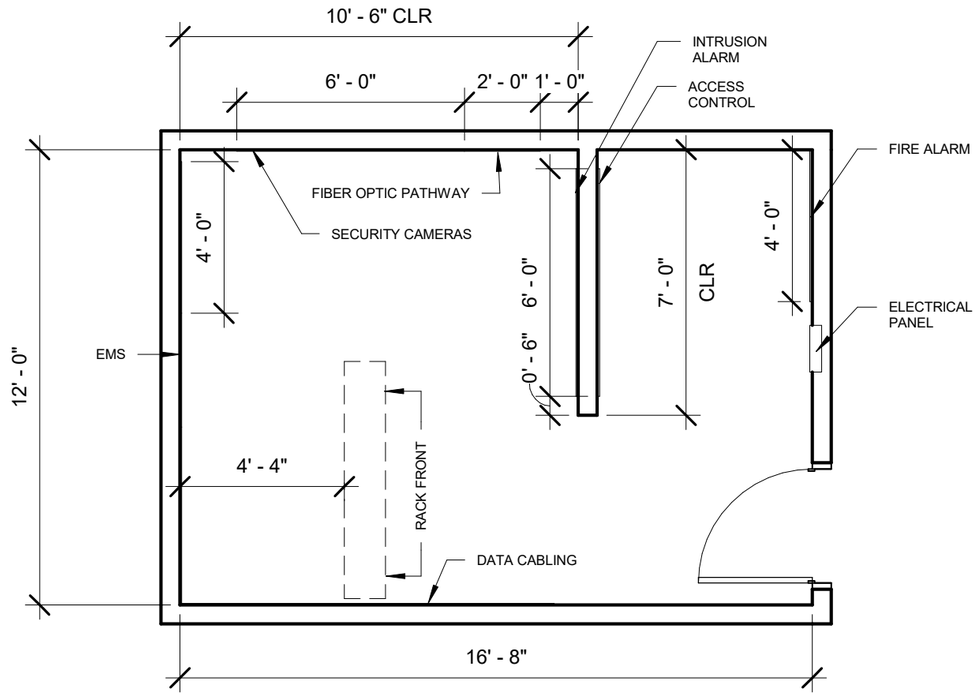
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.4.03B | SICK ROOM

SCALE: 1/4 = 1'-0"

175 SF



DESCRIPTION

Three rack telecommunication room.
Backboard for telephone, ITV / CTV and security wiring.
Electrical power within the TR Room for the ITV / CTV system and for each cabinet / rack.
Provide ladder tray for cable management above the cabinet / rack.
Each cabinet / rack and ladder tray are to be properly grounded.
Provide one duplex electrical outlet adjacent to each individual data port.

FINISHES

Floor:	VCT static disspative
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC: Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

1.4.04, 2.2.06, 3.5.05, 3.6.03, 4.1.04, 6.1.05, 10.2.05, 11.1.04, 12.1.04

SCALE: 1/4 = 1'-0"

TR ROOM

200 SF

02 FINE AND PERFORMING ARTS CENTER

FINE AND PERFORMING ARTS CENTER

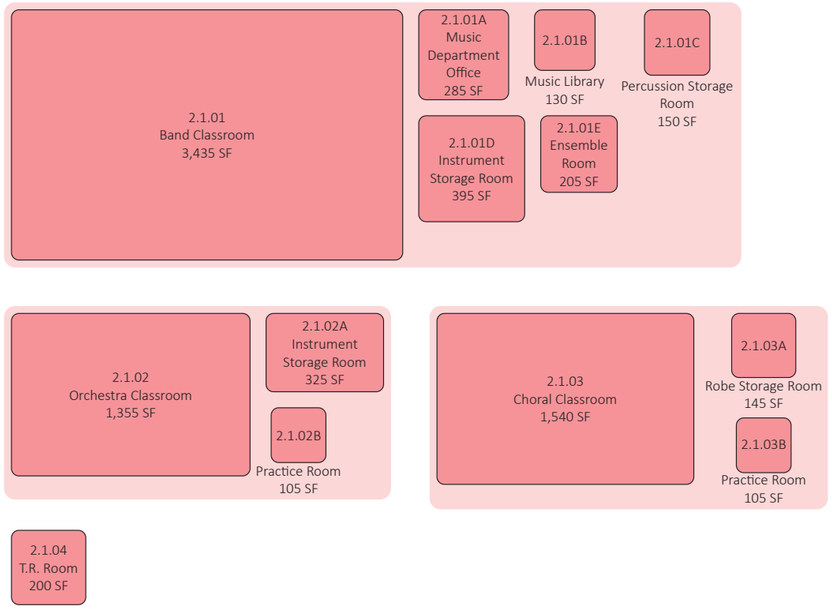
2.0	FINE AND PERFORMING ARTS CENTER			21,190	4		120		100
					Teaching		Capacity		Functional
2.1	**Music Classrooms**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Band Classroom	1	3,435	3,435	1	30	30	83%	25
	a. Music Department Office	1	285	285	0		-		-
	b. Music Library	1	130	130	0		-		-
	c. Percussion Storage Room	1	150	150	0		-		-
	d. Instrument Storage Room	1	395	395	0		-		-
	e. Ensemble Room	1	205	205	0		-		-
.02	Orchestra Classroom	1	1,355	1,355	1	30	30	83%	25
	a. Instrument Storage Room	1	325	325	0		-		-
	b. Practice Room	1	105	105	0		-		-
.03	Choral Classroom	1	1,540	1,540	1	30	30	83%	25
	a. Robe Storage Room	1	145	145	0		-		-
	b. Practice Room	1	105	105	0		-		-
.04	T.R. Room	1	200	200	0		-		-
				8,375	**3**		**90**		**75**

2.2	**Theater Complex**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Theater Lobby	1	750	750	0		-		-
	a. Theater Vestibule	1	250	250	0		-		-
	b. General Use Restroom	1		0	0		-		-
	c. Custodial Storage	1	65	65	0		-		-
.02	Theater Seating	1	5,270	5,270	0		-		-
.03	Stage	1	2,450	2,450	0		-		-
	a. Vestibule	1	125	125	0		-		-
.04	Control Room	1	705	705	0		-		-
.05	Drama Classroom	1	1,165	1,165	1	30	30	83%	25
	a. Office	1	120	120	0		-		-
	b. Property Construction Storage	1	1,035	1,035	0		-		-
	c. Prop Storage	1	330	330	0		-		-
	d. Exterior courtyard	1		0	0		-		-
	e. Girl's Dressing / Waiting Room	1	175	175	0		-		-
	f. Girl's Performer's Restroom	1		0	0		-		-
	g. Boy's Dressing / Waiting Room	1	175	175	0		-		-
	h. Boy's Performer's Restroom	1		0	0		-		-
.06	TR Room	1	200	200	0		-		-
				12,815	**1**		**30**		**25**

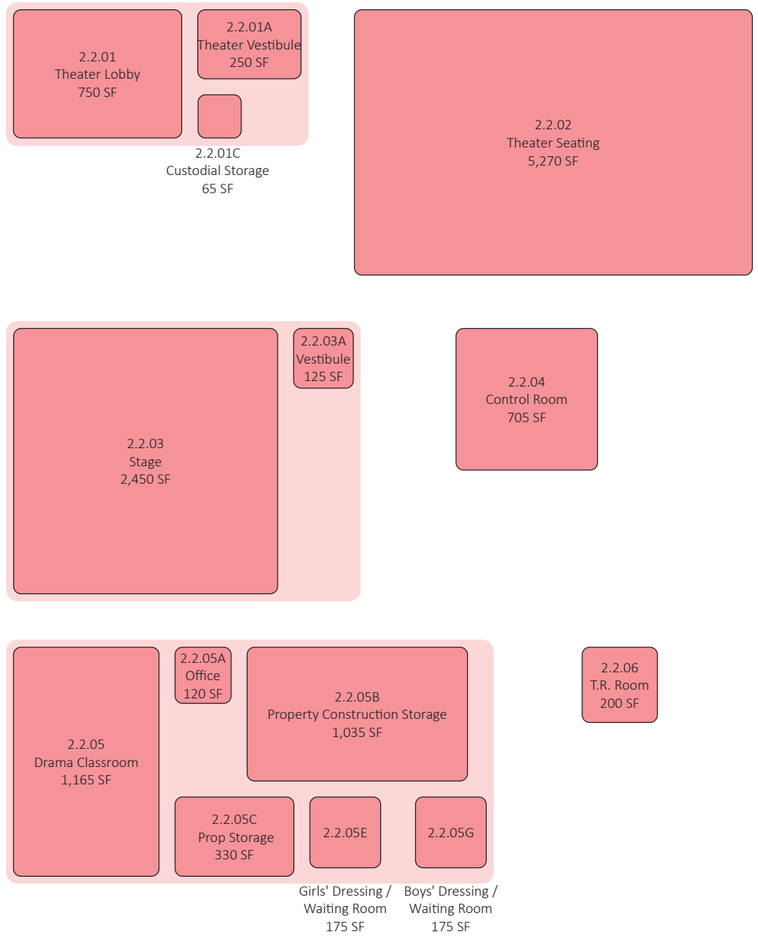
FINE AND PERFORMING ARTS CENTER

2.0 FINE AND PERFORMING ARTS CENTER

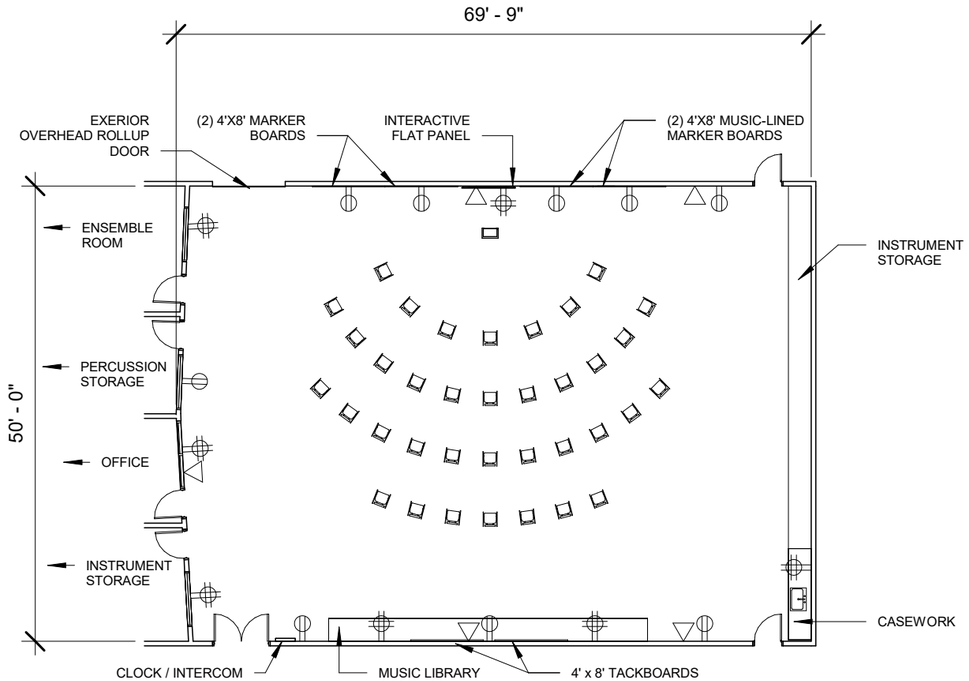
2.1 Music Classrooms



2.2 Theater Complex



ROOM DATA SHEETS



DESCRIPTION

Relate to stage and backstage areas for access.
Band and orchestra instruction and rehearsals.
Oversized entrance (for instruments) no mullions in doorways.
Two 4' x 8' wall-mounted tackboards, one near the entrance.Two 4' x 8' wall-mounted music lined, marker boards. Two 4' x 8' wall-mounted marker boards.
One 4' counter with undercounter storage cabinet with HCP sink with hot and cold water and abovecounter GFIC duplex outlet.
Space on one classroom wall for modular wardrobe/cabinet instrument storage for instruments listed in CCSD Equipment Standards.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Three power outlets to include quadraplex outlets related to data ports and additional duplex outlets on each non-storage unit wall.
Provide power,data connections and wall blocking at interactive flat panel locations.
Clock / intercom with call button 48" A.F.F.
Performance level audio and video recording capabilities.

SERVICES

HVAC Room Noise Criteria (dBA): 30

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	79
Ceiling:	ACT
Height:	25'-0" min.
CAC Rating:	40
Doors:	Solid core door
STC Rating:	79

Note: Use Acoustical Engineer for all spaces

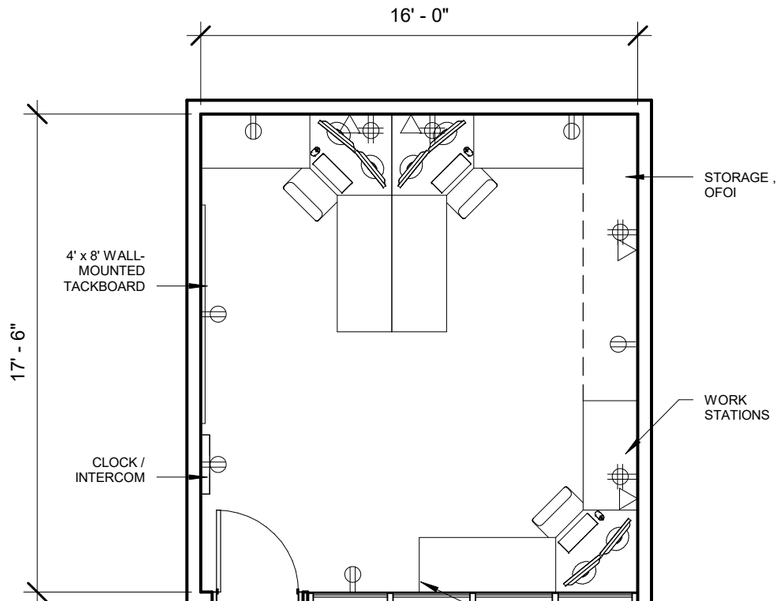
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.1.01 | BAND CLASSROOM

SCALE: 1/16" = 1'-0"

3,435 SF



DESCRIPTION

Direct access from Band Classroom.
Window for visual supervision of Band Classroom.
One 4' x 8' wall-mounted tackboard
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
One quadraplex outlet on each of two walls related to dataports and desk locations.
One duplex outlet on each remaining wall.
One clock / intercom.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Aluminum with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

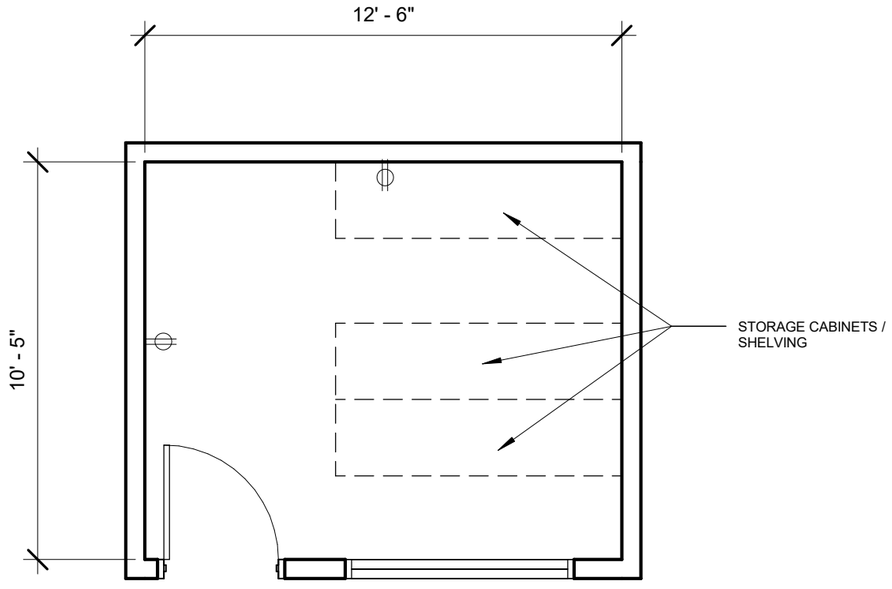
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.1.01A | MUSIC DEPARTMENT OFFICE

SCALE: 3/16" = 1'-0"

285 SF



DESCRIPTION

Centralized music library, hallway access.
Teacher preparation and sheet music storage.
Two duplex outlets.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): -

Plumbing:	No
Power:	110v
Data:	No
AV:	No

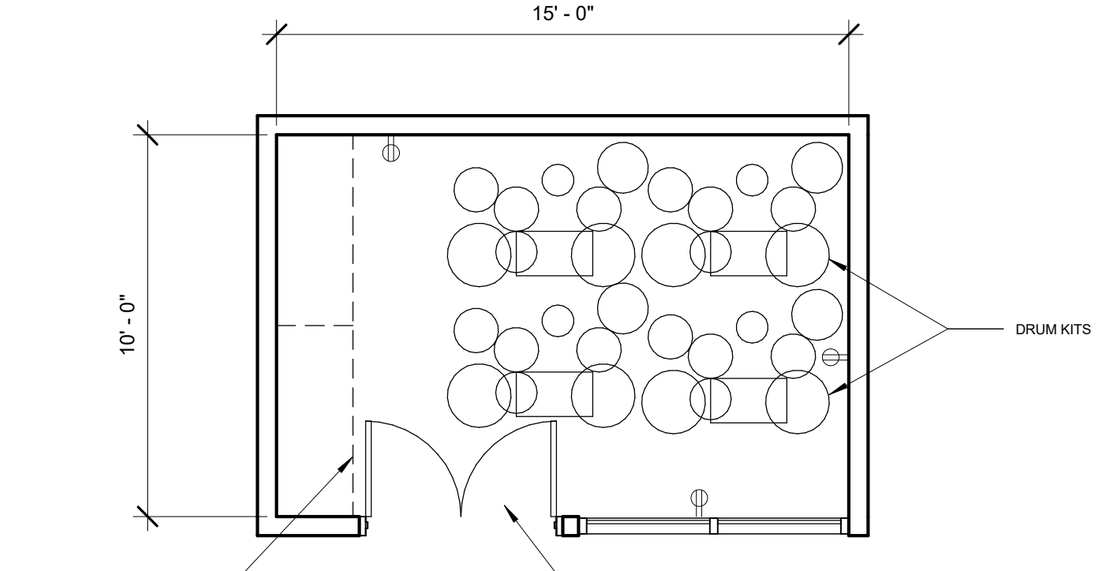
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.1.01B | MUSIC LIBRARY

SCALE: 1/4" = 1'-0"

130 SF



DESCRIPTION

Direct access from Band Classroom.
Door should be wide enough to accommodate timpani drums (no mullion in doorways).
Storage of percussion instruments.
Three duplex outlets.

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	-
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	-

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): -

Plumbing:	No
Power:	110v
Data:	No
AV:	No

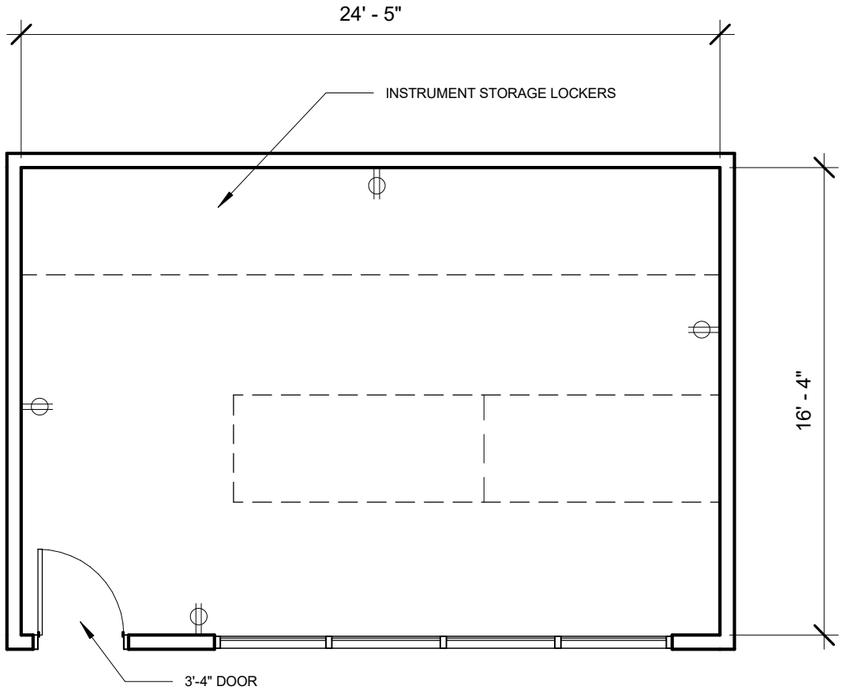
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.1.01C | PERCUSSION STORAGE ROOM

SCALE: 1/4" = 1'-0"

150 SF



DESCRIPTION

Direct access from Band Classroom.
Storage of large and small insturments.
Four duplex outlets.

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

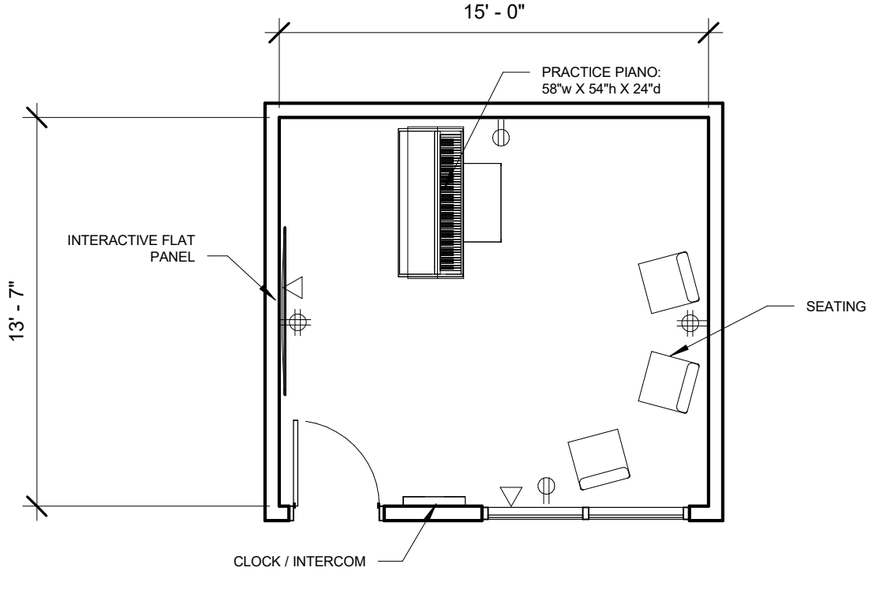
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.1.01D | INSTRUMENT STORAGE ROOM

SCALE: 3/16" = 1'-0"

395 SF



DESCRIPTION

Instrument practice room.
Two duplex outlets, two quads.
Clock / intercom near entry door.
Provide power,data connections and wall blocking at interactive flat panel locations.
Sound isolation and attenuation.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	79
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Slid core with vision lite
STC Rating:	79

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 30

Plumbing:	No
Power:	110v
Data:	No
AV:	Yes

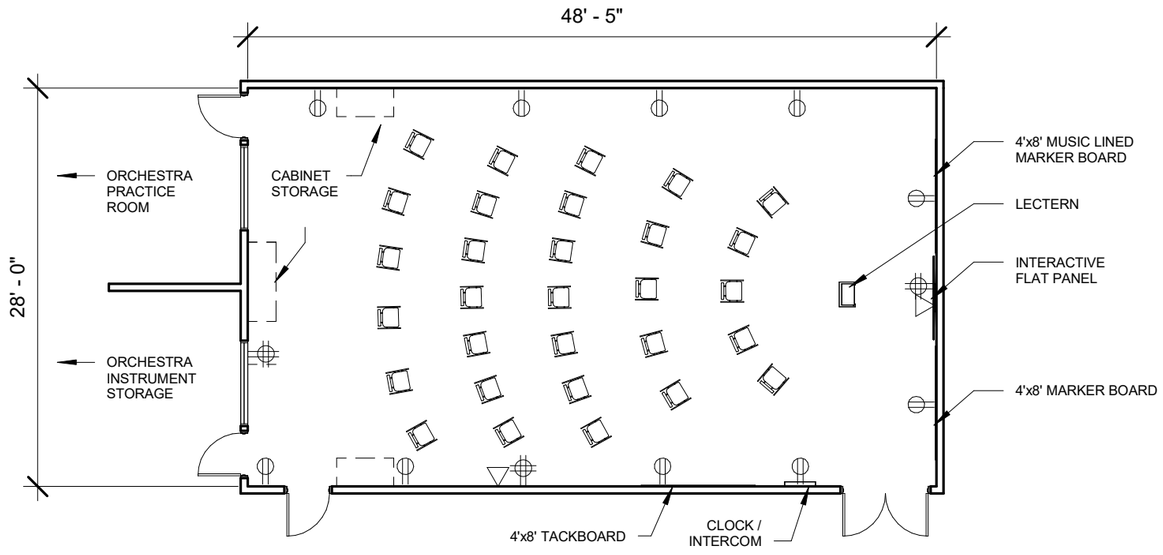
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.1.01E | ENSEMBLE ROOM

SCALE: 3/16" = 1'-0"

205 SF



DESCRIPTION

Relate to stage and backstage areas for access.
Double door access with no mullion in doorways.
Strings instruction and rehearsal.
One 4' x 8' wall-mounted tackboard near the entrance.
One 4' x 8' wall-mounted music lined, marker board.
One 4' x 8' wall-mounted marker board.
Provide wall blocking, power and data for interactive flat panels.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Three power outlets to include quadraplex outlets related to data ports and additional duplex outlets on each wall.
One clock / intercom with call button 48" A.F.F.

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	12'-0" min.
CAC Rating:	40
Doors:	Solid core with vision lite
STC Rating:	79

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SERVICES

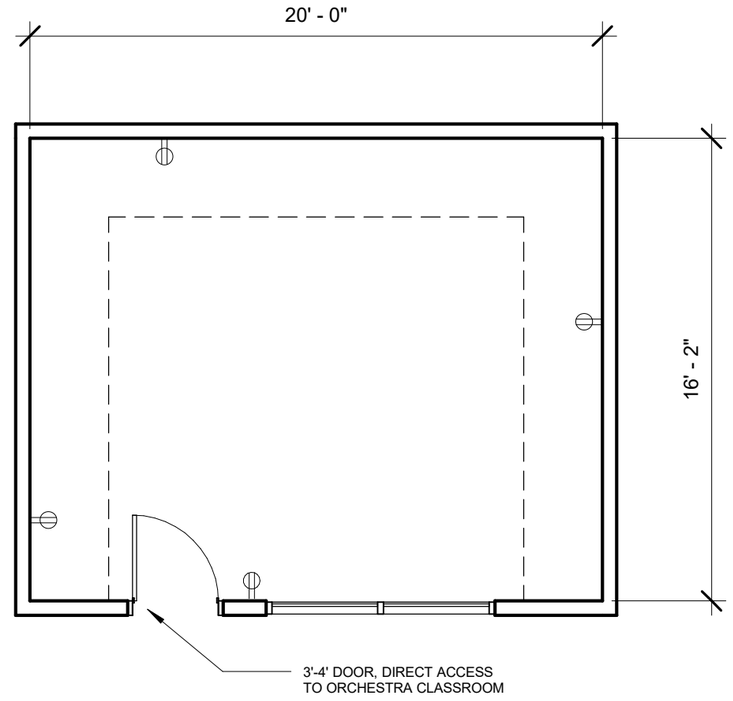
HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

2.1.02 | ORCHESTRA CLASSROOM

SCALE: 3/32" = 1'-0"

1,355 SF



DESCRIPTION

Direct access from student orchestra room.
Storage of large and small instruments.
Four duplex outlets.

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	-
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	-

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

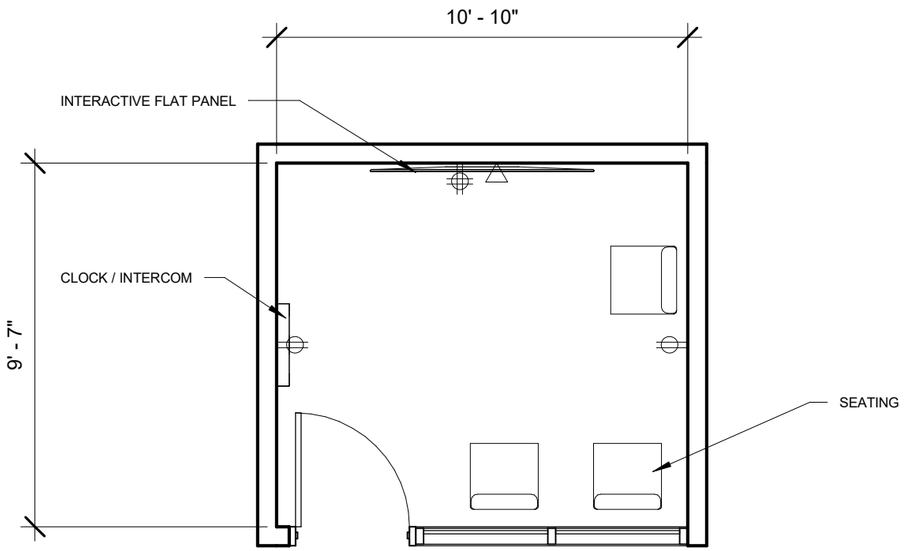
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 3/16" = 1'-0"

2.1.02A | INSTRUMENT STORAGE ROOM

325 SF



DESCRIPTION

Instrument practice room.
Two duplex outlets.
Provide power,data connections and wall blocking at interactive flat panel locations.
Clock / intercom with call button 48" A.F.F.
Sound isolation and attenuation.

CRITERIA

Floor:	Wood
Walls:	Paint
STC Rating:	79
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core with vision lite
STC Rating:	79

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 30

Plumbing:	No
Power:	110v
Data:	No
AV:	Yes

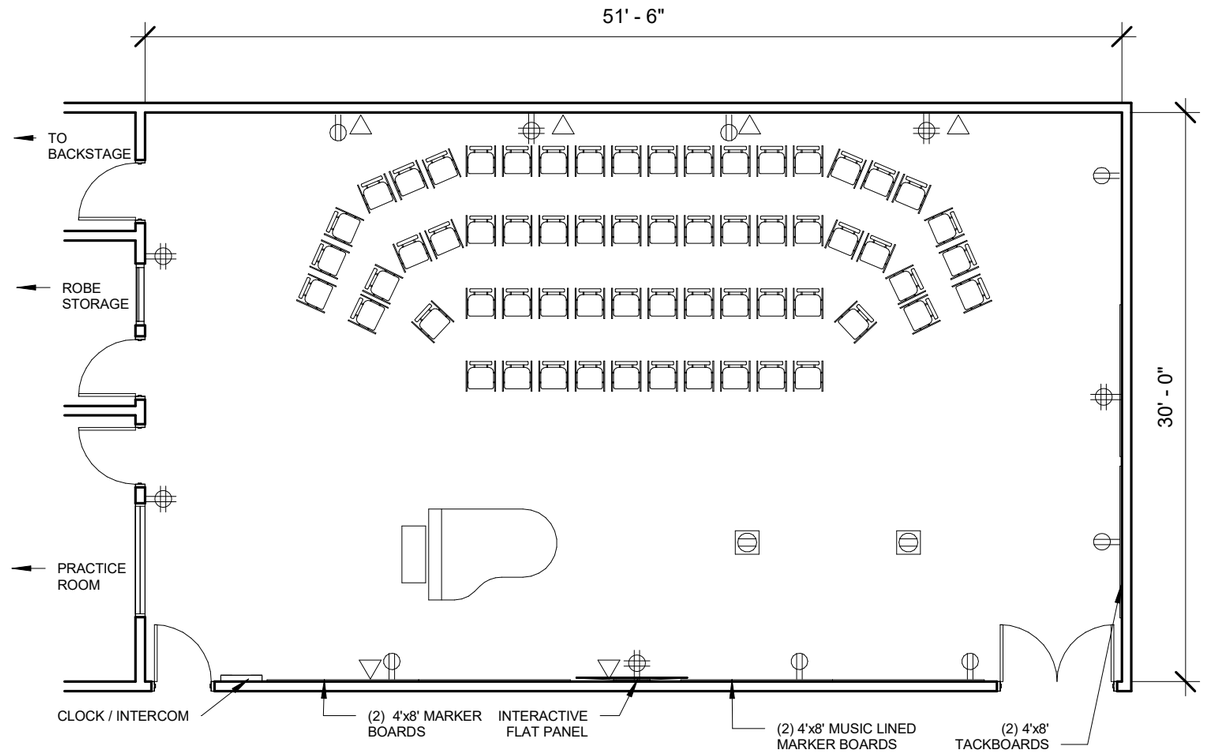
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.1.02B | PRACTICE ROOM

SCALE: 1/4" = 1'-0"

105 SF



DESCRIPTION

Relate to stage and backstage areas for access.
Vocal music instruction and rehearsals.
Oversized entrance (for piano) no mullions in doorways.
Include built-in riser storage.
Two 4' x 8' wall-mounted tackboards, one near the entrance.
Two 4' x 8' wall-mounted music lined, marker boards.
One 4' x 8' wall-mounted marker board.
Provide wall blocking, power and data for interactive flat panels.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Three power outlets with quadraplex outlets related to dataports and additional duplex outlets on each wall.
One clock / intercom with call button 48" A.F.F.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	79
Ceiling:	ACT
Height:	12'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	79

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 30

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

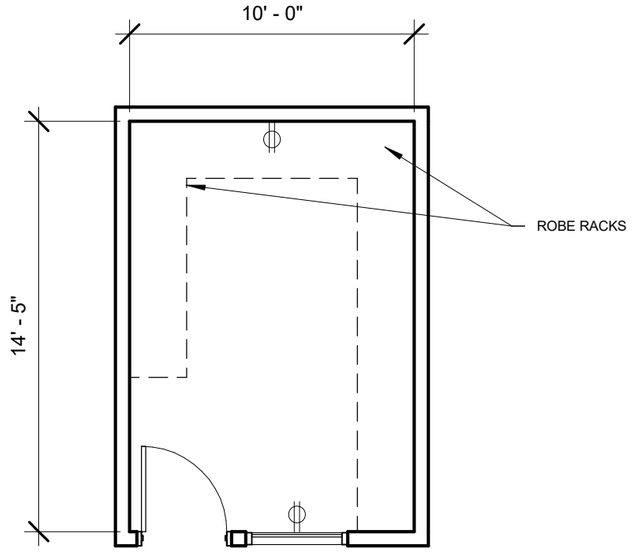
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.1.03 | CHORAL CLASSROOM

SCALE: 1/8" = 1'-0"

1,540 SF



DESCRIPTION

Direct access from Choral Classroom.
Storage of choral robes and electrical equipment.
Two duplex outlets.

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	-
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	-

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): -

Plumbing:	No
Power:	110v
Data:	No
AV:	No

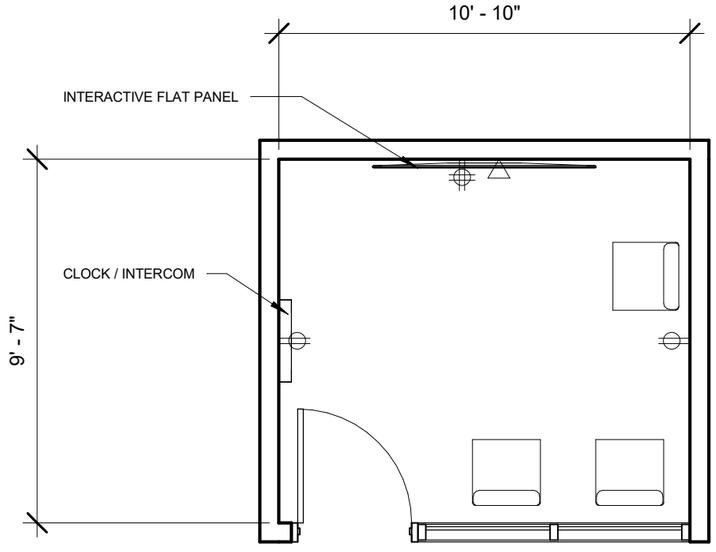
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.1.03A | ROBE STORAGE

SCALE: 3/16" = 1'-0"

145 SF



DESCRIPTION

Vocal practice room.
Provide power,data connections and wall blocking at interactive flat panel locations.
Clock / intercom with call button 48" A.F.F.
Sound isolation and attenuation.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	79
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	79

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 30

Plumbing:	No
Power:	110v
Data:	No
AV:	Yes

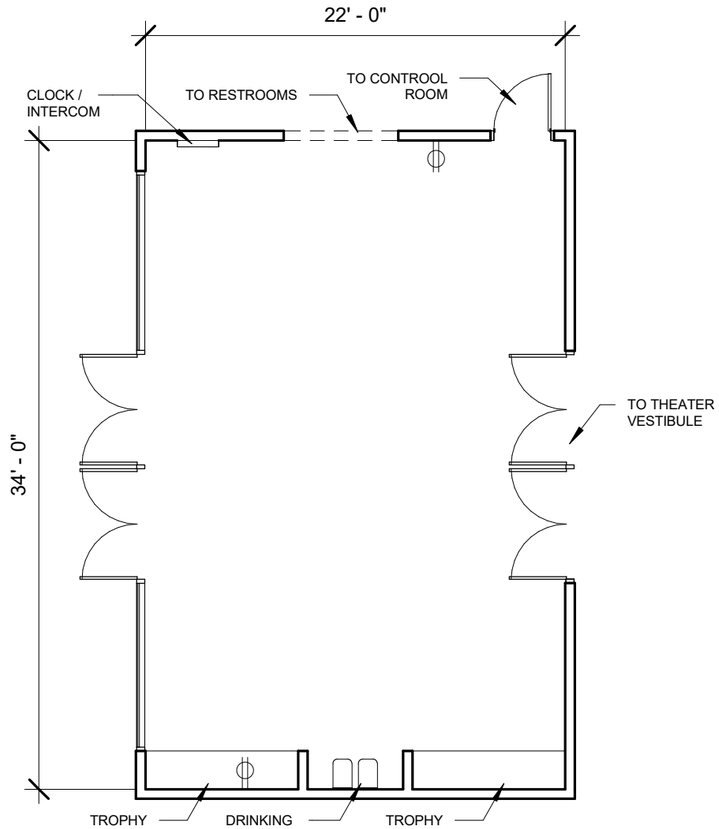
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.1.03B | PRACTICE ROOM

SCALE: 1/4" = 1'-0"

105 SF



DESCRIPTION

Relate to student parking lot for public access. Serve as controlled main public entrance. Refrigerated drinking fountains. Built-in lockable trophy case with lockable storage under the case. Two duplexes outlets or to meet code.
One clock / intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	Gypsum board
Height:	12'-0" min.
CAC Rating:	40
Doors:	Solid core wood / Storefront
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

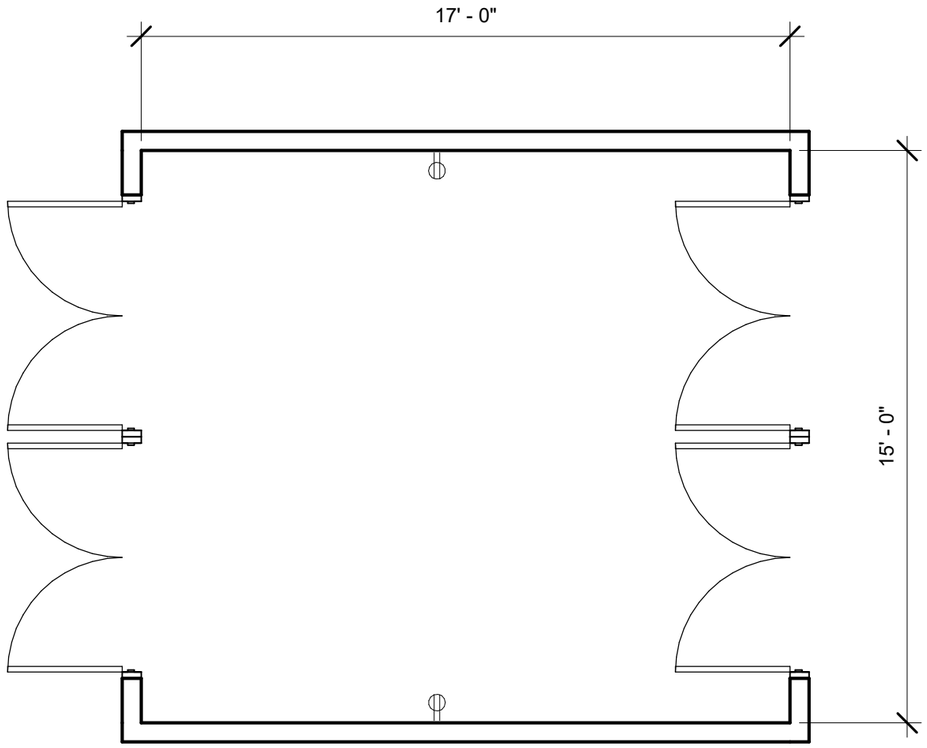
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.2.01 | THEATER LOBBY

SCALE: 1/8" = 1'-0"

750 SF



DESCRIPTION

Entrance to theater seating.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	Gypsum board
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

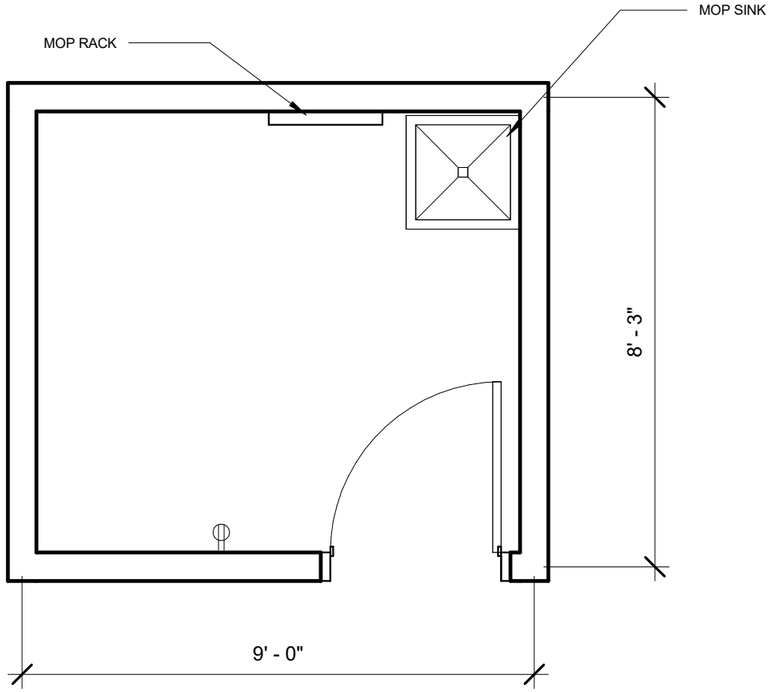
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.2.01A | THEATER VESTIBULE

SCALE: 1/8" = 1'-0"

250 SF



DESCRIPTION

Custodial storage with mop sink with hot/cold water and mop rack, (include FRP on side walls that are drywall).
One duplex outlet.

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

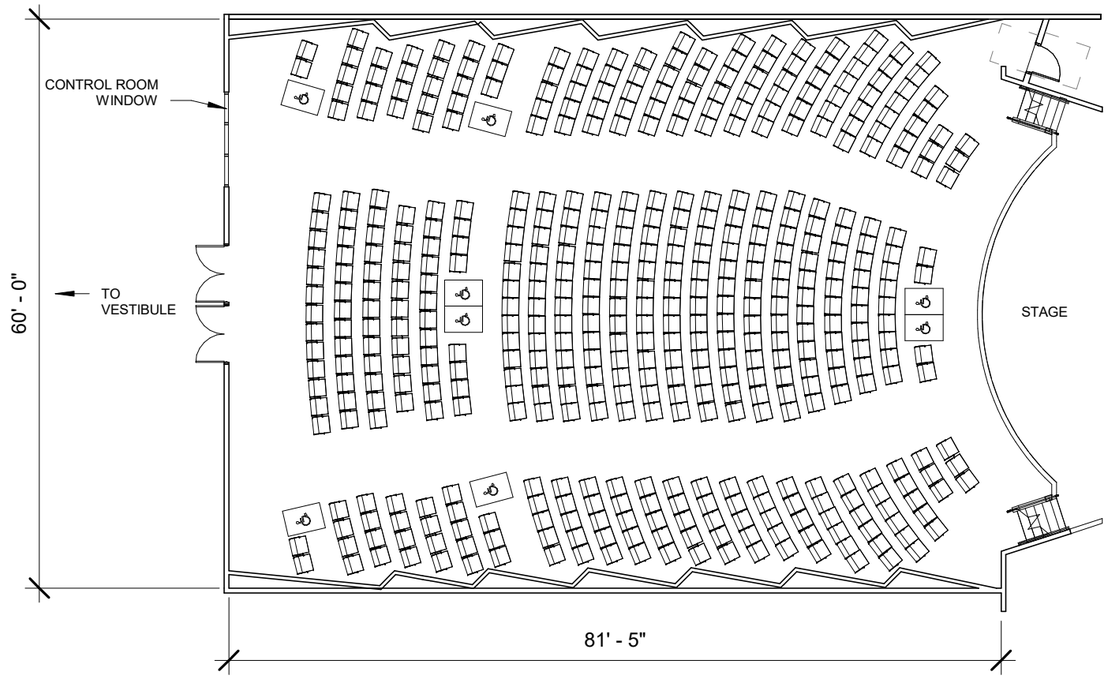
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

2.2.01C | CUSTODIAL STORAGE

SCALE: 3/8" = 1'-0"

65 SF



DESCRIPTION

499 seats.
Easy access to stage or backstage.
Sloped or terraced fixed seating.
Provide a right hand folding tablet arm (12" x 13") with each seat in each row except for the last seat at the left end of therow. Provide a left hand tablet arm (12" x 13") for each last seat at the left end of the row of each row.
Provide appropriate number of open spaces for wheelchair HCP persons in addition to the fixed seating.
Level area around the stage.
Assistive listening system for hearing impaired. Infra red in conjunction with the P.A. systems to accommodate a minimum of eight receivers.
Duplex outlets; locate two on each wall and two flush floor mounted in the center isle for audio visual equipment.
Two ITV outlets; locate one on each side in the front of the stage).
One CTV outlet located at the front of the stage near one of the ITV locations.Full size walkable lighting grid with 20' clearance. Sound channels more than 6 < 50. Multiple path points and data points in grid and walls. Mid-tech level should be 3 sides minimum at central locations. Air lock for backstage.

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	79
Ceiling:	Exposed with acoustical panels
Height:	25'-0" min.
CAC Rating:	40
Doors:	Hollow metal with vision lite
STC Rating:	79

Note: Use Acoustical Engineer for all spaces

KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

SERVICES

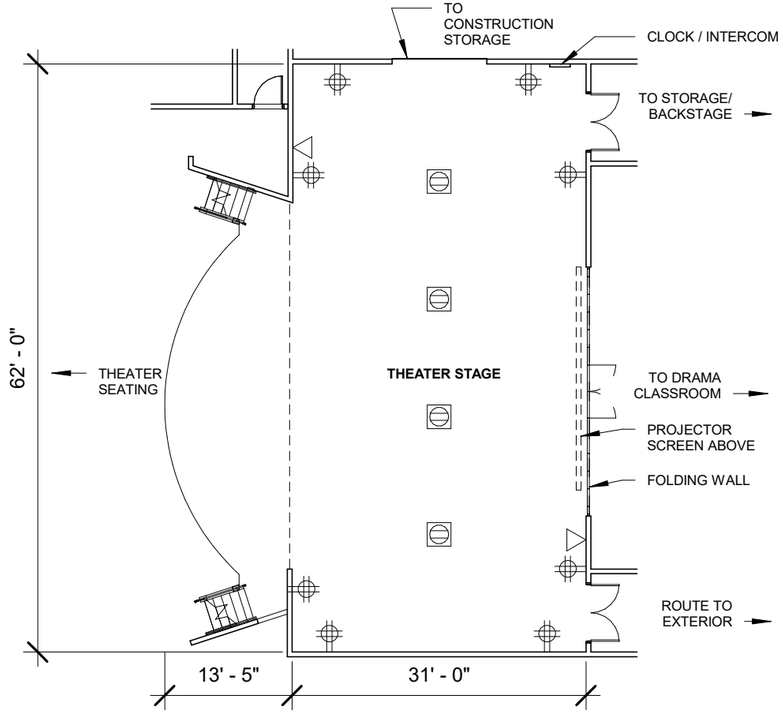
HVAC Room Noise Criteria (dBA): 30

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

2.2.02 | THEATER SEATING

SCALE: 1/16" = 1'-0"

5,270 SF



DESCRIPTION

Stage to have 15' x 20' ceiling hung motorized electric projection screen located at the back of the stage, appropriate theatrical stage rigging for performances and fly space. Theater microphone and P.A. system capability. Four electrical outlets in the stage floor and quadraplex outlets to support data outlets. Provides auxilary stage lighting control wall receptacle. One ITV/CTV outlet to be located at the back of the stage, one data port to be located in front and one located in the back. One clock / intercom with call button 48" A.F.F.
Handicapped accessible.
Rectangular raised wood floor surface.
Theatrical drapes hung at front of stage and cyclorama curtains at back wall.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

FINISHES

Floor:	Wood
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Height:	-
CAC Rating:	40
Doors:	-
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

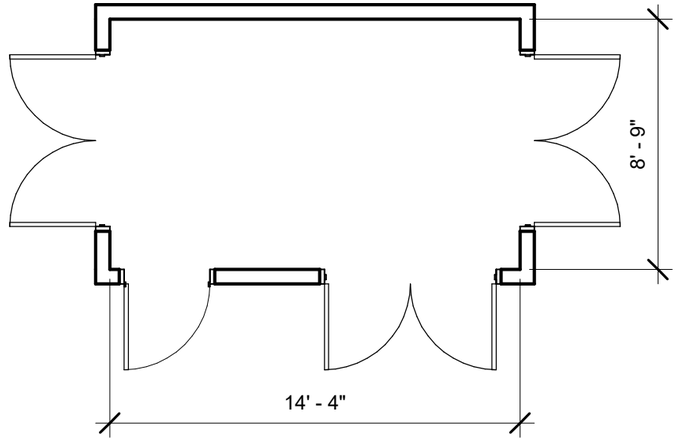
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.2.03 | STAGE

SCALE: 1/16" = 1'-0"

2450 SF



DESCRIPTION

Backstage area. Double door vestibule access to acting studios with single door access to stage. Double door access to theatre seating. Double door outside access.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

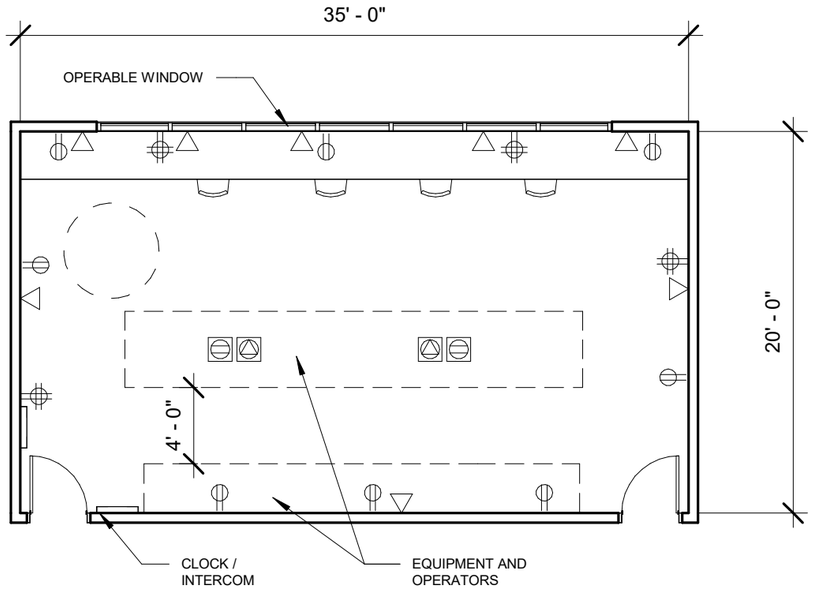
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.2.03A | VESTIBULE

SCALE: 3/16" = 1'-0"

125 SF



DESCRIPTION

(Second floor) operable window is required.
Space for equipment and operators.
Direct view of stage from audience side.
Control of stage and house lights, sound, film, stage motorized screen, and slide projectors.
Three duplex outlets and data ports in addition to electrical power for contractor supplied items.
clock / intercom near entry door.
One itv outlet.
Secure room.

FINISHES

Floor:	VCT - Static Dissipative
Walls:	Paint
STC Rating:	79
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	79

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 30

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

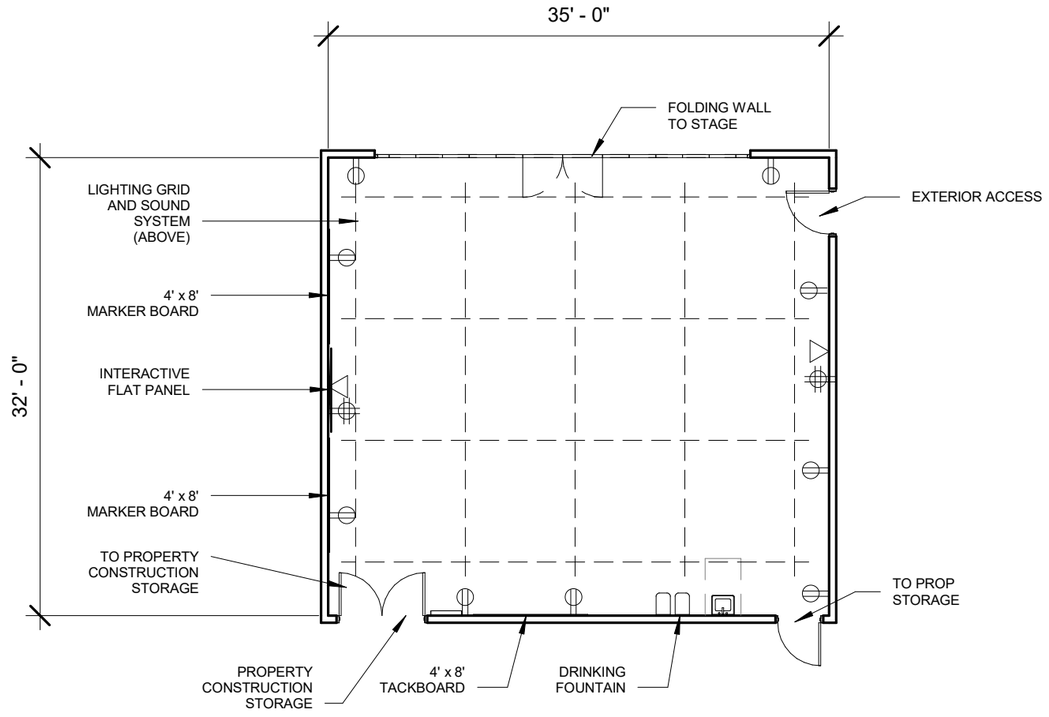
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

2.2.04 | CONTROL ROOM

SCALE: 1/8" = 1'-0"

705 SF



DESCRIPTION

Folding wall between Drama Classroom and Stage (2.2.03).
Outside access door.
One 4' x 8' wall-mounted tackboard near the main entrance.
Two 4' x 8' wall-mounted marker boards located at the front of classroom.
Provide wall blocking, power and data for interactive flat panels.
One 20" deep clean-up sink
Quadraplex outlets related to data port location with three duplex outlets on each wall.
One ITV outlet.
One clock / intercom.
One drinking fountain.

FINISHES

Floor:	Sprung floor with paintable masonite
Walls:	Paint
STC Rating:	51
Ceiling:	Exposed with acoustical panels
Height:	20'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

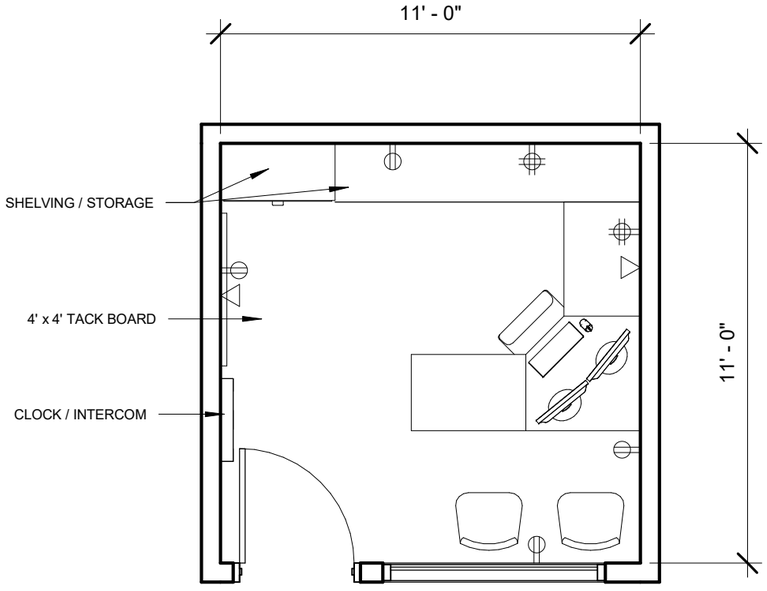
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

2.2.05 | DRAMA CLASSROOM

SCALE: 3/32" = 1'-0"

1,165 SF



2.2.05A | OFFICE

SCALE: 1/4" = 1'-0"

120 SF

DESCRIPTION

Direct access to Drama Classroom.
One 4'x 4' wall-mounted tackboard.
Two quadraplex outlets.
One duplex outlet on each wall.
One clock / intercom with call button 48" A.F.F.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

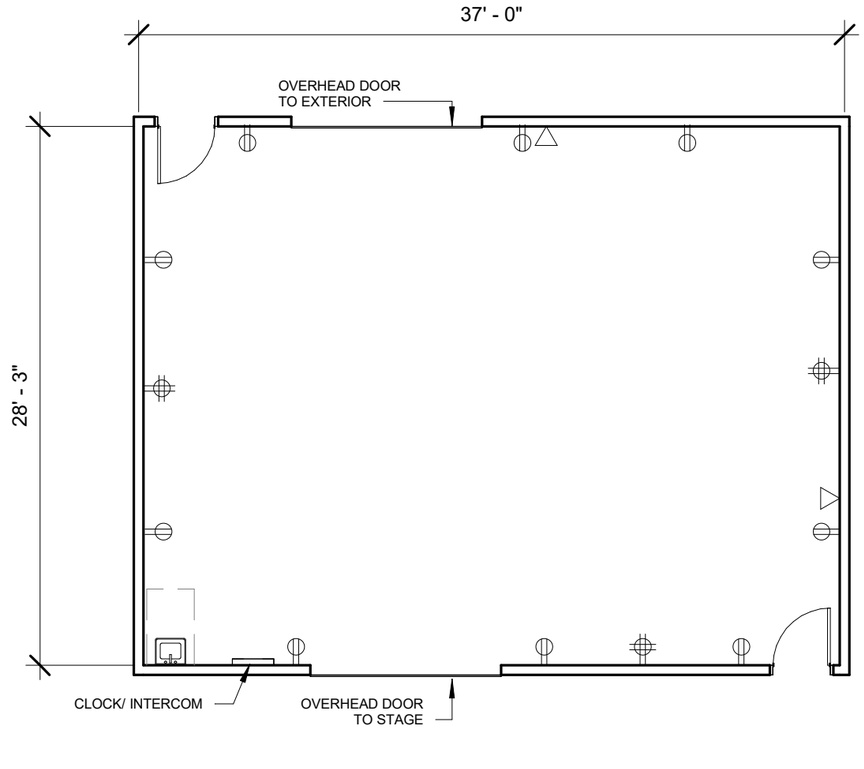
SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM



2.2.05B | PROPERTY CONSTRUCTION STORAGE

SCALE: 1/8" = 1'-0"

1,035 SF

DESCRIPTION

Double doors between Drama Classroom and Property Construction Storage (no mullion in door).
Appropriate ventilation and exhaust.
Storage of furniture, supplies, costunes, equipment, lights.
Area for construciton, painting, and storage of scenery and stage props.
Area for 48" wide x 54" deep x 112" high storage rack.
One 20" deep clean-up sink.
One 125v special purpose power outlet.
One 250/20A special purpose outlet.
Electrical power outlets dedicated to accomodate theater equipment.
Nine outlets: (1) 120v/13 amp circuit, (1) 115v/30 amp circuit, and (7) 115v/20 amp circuit.
One clock / intercom.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v,25v, 250v/20A,120v/13 amp circuit, 115v/30 amp,115v/20 amp circuit
Data:	Yes
AV:	No

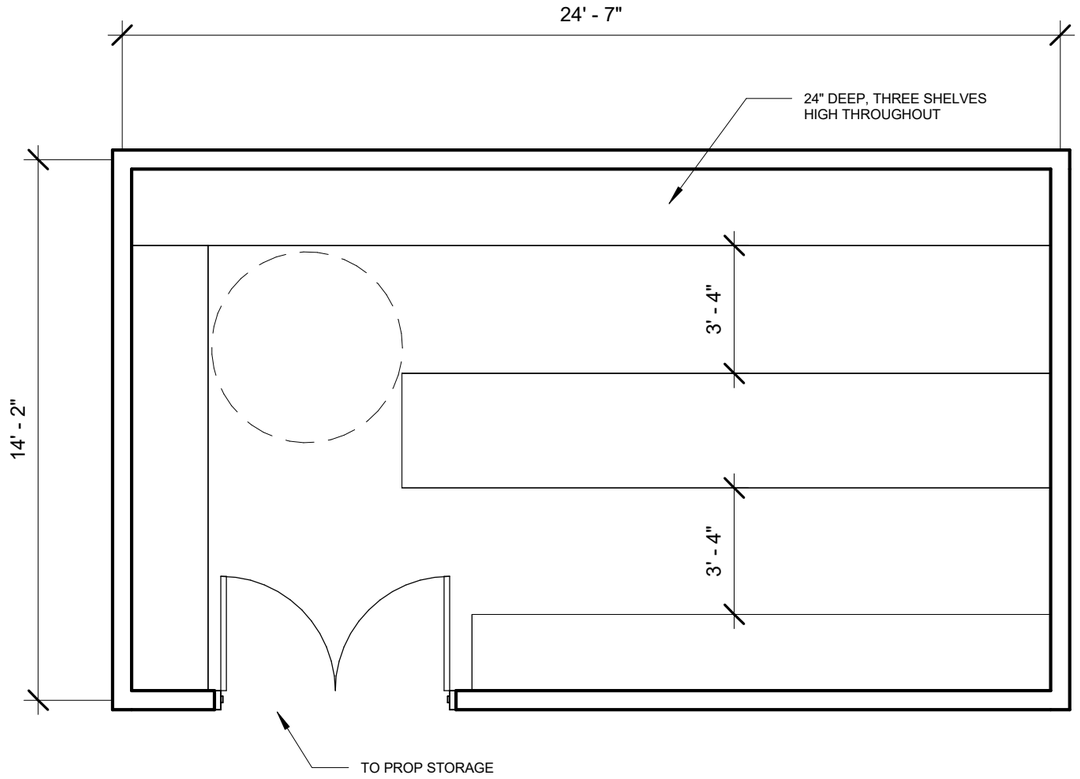
FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Height:	-
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM



DESCRIPTION

Direct access from property construction storage.
Lockable double door with no mullion in door.
Lockable single door.

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Height:	-
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

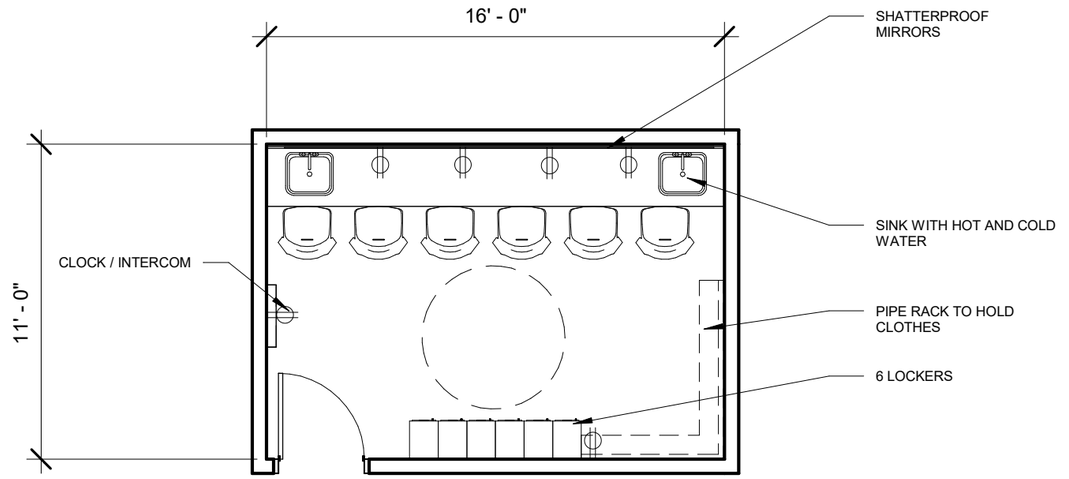
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.2.05C | PROP STORAGE

SCALE: 1/4" = 1'-0"

330 SF



DESCRIPTION

Area for (6) lockers 16" deep x 12" wide x 60" high (five tier).
One wall for make-up counter/shatterproof mirrors and lights with two sinks with hot and cold water and above counter electrical (gfic) plugmold with outlets 18" o.c. One wall-mounted, full length shatterproof mirror. One duplex outlet on each wall. Pipe rack for hanging clothes.
One clock / intercom.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51
Hardware:	Classroom lock

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

2.2.05E, 2.2.05G | GIRLS' AND BOYS' DRESSING/WAITING ROOM

SCALE: 3/16" = 1'-0"

175 SF

03 PHYSICAL EDUCATION CENTER

PHYSICAL EDUCATION CENTER

3.0	PHYSICAL EDUCATION CENTER			51,980	9		390		325
					Teaching		Capacity		Functional
3.1	**Athletic Administration Area**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Athletic Director Office	1	120	120	0		-		-
.02	Security/Police Campus Monitor	1	170	170	0		-		-
				290	**0**		**0**		**0**

3.2	**Gymnasium Area**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Gymnasium Lobby	1	1,995	1,995	0		-		-
	a. Concession Booth	1	310	310	0		-		-
	b. Student Store	1	230	230	0		-		-
	c. Storage Room	1	80	80	0		-		-
	d. General Use Restroom	1		0	0		-		-
.02	Gymnasium Floor (Size Midway between 18 & 15)	1	19,425	19,425	4	50	200	83%	167
	a. Bleachers	1		0	0		-		-
.03	Women's Team Storage Room	1	370	370	0		-		-
.04	Men's Team Storage Room	1	370	370	0		-		-
.05	Performing Group Storage and Meeting Room	1	280	280	0		-		-
.06	Auxiliary Gymnasium	1	6,930	6,930	2	50	100	83%	83
	a. Auxiliary Gymnasium Storage	1	270	270	0		-		-
.07	Custodial Storage Room	1	150	150	0		-		-
.08	T.R. Room	1	200	200	0		-		-
.09	Equipment Storage (Football)	1	420	420	0		-		-
				31,030	**6**		**300**		**250**

3.3	**Girl's Locker Area**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Girl's Locker Area	1	3,100	3,100	0		-		-
.02	Girl's Shower/Toweling Area	1	120	120	0		-		-
.03	Washer/Dryer Room	1	140	140	0		-		-
.04	Girl's P.E. Restroom	1		0	0		-		-
.05	Varsity Team Room/ First Aid Room	1	735	735	0		-		-
.06	Team Storage Rooms	5	90	450	0		-		-
.07	Women's P.E. Staff Office	1	450	450	0		-		-
	a. Women's PE Staff Locker/Shower Room	1	100	100	0		-		-
				5,095	**0**		**0**		**0**

PHYSICAL EDUCATION CENTER

3.4	Boy's Locker Area	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Boy's Locker Area	1	3,100	3,100	0		-		-
.02	Boy's Shower/Toweling Area	1	120	120	0		-		-
.03	Washer/Dryer Room	1	140	140	0		-		-
.04	Boy's P.E. Restroom	1		0	0		-		-
.05	Varsity Team Room/ First Aid Room	1	735	735	0		-		-
.06	Team Storage Rooms	5	90	450	0		-		-
.07	Men's P.E. Staff Office	1	450	450	0		-		-
	a. Men's PE Staff Locker/Shower Room	1	100	100	0		-		-
				5,095	**0**		**0**		**0**

3.5	Exercise, Weight, and Wrestling Room	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Exercise Room / Functional Fitness / Wellness	2	1,705	3,410	2	30	60	83%	50
	a. Storage Room	1	90	90	0		-		-
.02	Weight Room	1	2,100	2,100	1	30	30	83%	25
	a. Office	1	120	120	0		-		-
.03	Wrestling Room	1	1,950	1,950	0		-		-
.04	Electrical Room	1		0	0		-		-
.05	T.R. Room	2	200	400	0		-		-
				8,070	**3**		**90**		**75**

3.6	Outside Rooms	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Ticket Booth	0	0	-	0		-		-
	a. Concession Stand	1	600	600	0		-		-
	b. Storage	1	290	290	0		-		-
	c. General Use Restroom	1		0	0		-		-
	d. Custodial Storage	1	125	125	0		-		-
	e. Turf Maintenance	1	600	600	0		-		-
.02	Football/ Track Equipment Storage	1	285	285	0		-		-
.03	T.R. Room	1	200	200	0		-		-
.04	P.E./General Purpose Area	1		0	0		-		-
.05	Football/Track	1		0	0		-		-
.06	Soccer Field	1		0	0		-		-
.07	Baseball Field	1		0	0		-		-
.08	Softball Field	1		0	0		-		-
.09	Concession Stand	1	300	300	0		-		-
	a. General Use Restroom	1		0	0		-		-
.10	Basketball Courts	6		0	0		-		-
.11	Tennis Courts	8		0	0		-		-
.12	Future Portables (12 classrooms)	6		0	0		-		-
				2,400	**0**		**0**		**0**

3.0 PHYSICAL EDUCATION CENTER

3.1 Athletic Administration Area

- 3.1.01 Athletic Director Office 120 SF
- 3.1.03 Security/Police Campus Monitor 170 SF

3.2 Gymnasium Area

- 3.2.01 Gymnasium Lobby 1,995 SF
- 3.2.01A Concession Booth 310 SF
- 3.2.01B Student Store 230 SF
- 3.2.01C Storage Room 80 SF
- 3.2.02 Gymnasium Floor 19,425 SF
- 3.2.03 Women's Team Storage Room 370 SF
- 3.2.04 Men's Team Storage Room 370 SF
- 3.2.05 Performing Group Storage and Meeting Room 280 SF
- 3.2.06 Auxiliary Gymnasium 6,930 SF
- 3.2.06A Auxiliary Gymnasium Storage 270 SF
- 3.2.7 Custodial Storage Room 150 SF
- 3.2.08 T.R. Room 200 SF
- 3.2.09 Equipment Storage (Football) 420 SF

3.3 Girl's Locker Area

- 3.3.01 Girl's Locker Area 3,100 SF
- 3.3.02 Girl's Shower/ Toweling Area 120 SF
- 3.3.03 Washer/Dryer Room 140 SF
- 3.3.05 Varsity Team Room/ First Aid Room 735 SF
- 3.3.06 Team Storage Room 90 SF (x5)
- 3.3.07 Women's P.E. Staff Office 450 SF
- 3.3.07a Women's PE Staff Locker/Shower Room 100 SF

3.4 Boy's Locker Area

- 3.4.01 Boy's Locker Area 3,100 SF
- 3.4.02 Boy's Shower/ Toweling Area 120 SF
- 3.4.03 Washer/Dryer Room 140 SF
- 3.4.05 Varsity Team Room/ First Aid Room 735 SF
- 3.4.06 Team Storage Room 90 SF (x5)
- 3.4.07 Men's P.E. Staff Office 450 SF
- 3.4.07A Men's PE Staff Locker/Shower Room 100 SF

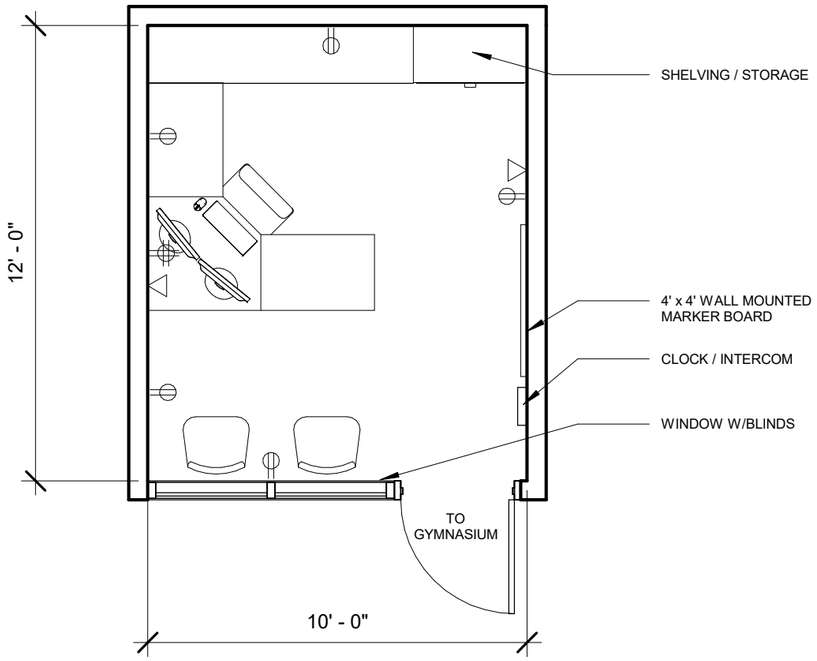
3.5 Exercise, Weight, and Wrestling Rooms

- 3.5.01 Exercise Room / Functional Fitness / Wellness 1,705 SF (x2)
- 3.5.01A Storage Room 90 SF
- 3.5.02 Weight Room 2,100 SF
- 3.5.02A Office 120 SF
- 3.5.03 Wrestling Room 1,950 SF
- 3.5.05 T.R. Room 200 SF (x2)

3.6 Outside Rooms

- 3.6.01A Concession Stand 600 SF
- 3.6.01B Student Store/ Storage 290 SF
- 3.6.01D Custodial Storage 125 SF
- 3.6.01E Turf Maintenance 600 SF
- 3.6.02 Football/Track Equipment Storage 285 SF
- 3.6.3 T.R. Room 200 SF
- 3.6.09 Concession Stand 300 SF

ROOM DATA SHEETS



DESCRIPTION

Relate to main gym/lobby entrance.
Windows with blinds for student observation and supervision at the main gym entrance doors preferred. Limited student traffic.
One 4' x 4' wall-mounted marker board.
Data ports per current CCSD standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. Quadraplex outlet to support each data port. One duplex outlet for each computer modem.
One clock / intercom.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Aluminum with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

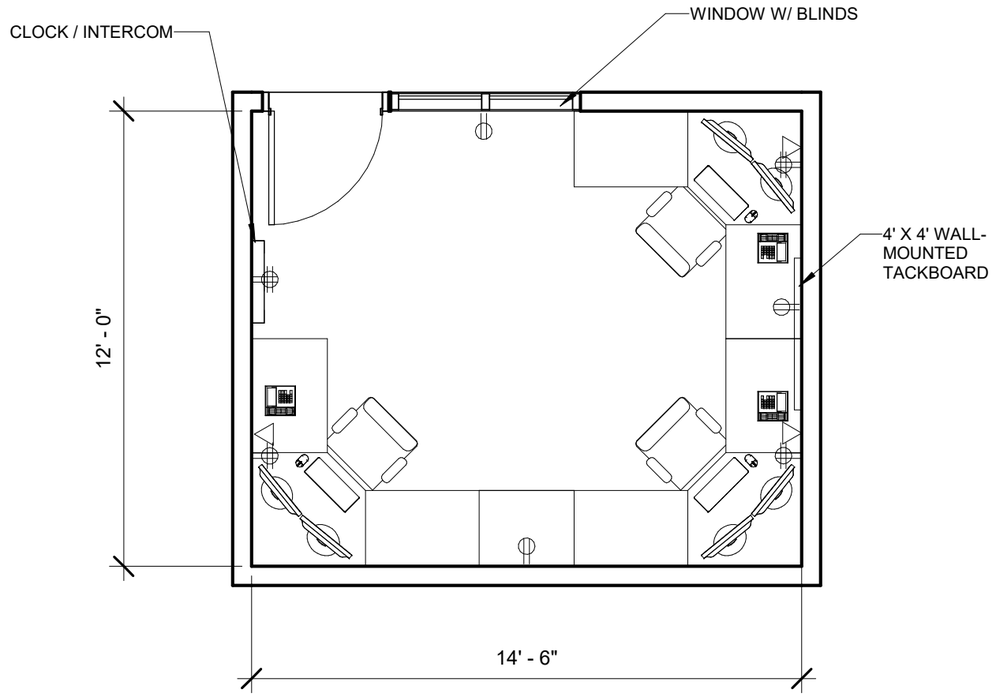
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.1.01 | ATHLETIC DIRECTOR OFFICE

SCALE: 1/4" = 1'-0"

120 SF



DESCRIPTION

Relate to main gym/lobby entrance.
Windows with blinds for student observation and supervision at the main gym entrance doors preferred.
Door security.
Room motion Sensor.
Provide security camera termination board.
One 4' x 4' wall-mounted tackboard.
Data outlet per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Quadraplex outlets to support each data port.
One duplex outlet on each remaining wall.
One ITV outlet, One CTV outlet.
One clock / intercom 72" A.F.F. with call button 48" A.F.F.

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	51
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SERVICES

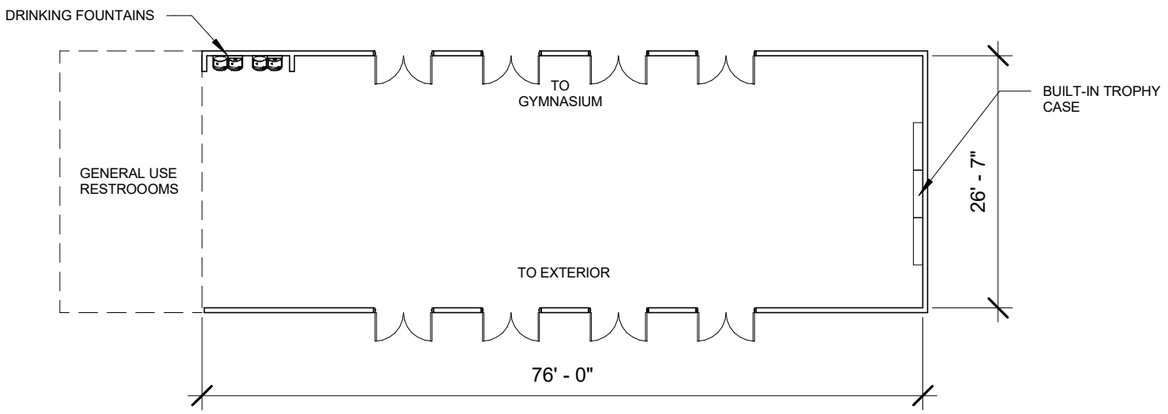
HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

3.1.02 | SECURITY/POLICE CAMPUS MONITOR

SCALE: 1/4" = 1'-0"

170 SF



DESCRIPTION

Relate to student parking lot for spectator access.
Exterior lighting. Main public entrance.
Built-in trophy case approximately 10' High x 12' wide.
Duplex outlets per code.
Two sets of drinking fountains near rest rooms.

SERVICES

HVAC Room Noise Criteria (dBA): -

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	-
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Storefront
STC Rating:	-

Note: Use Acoustical Engineer for all spaces

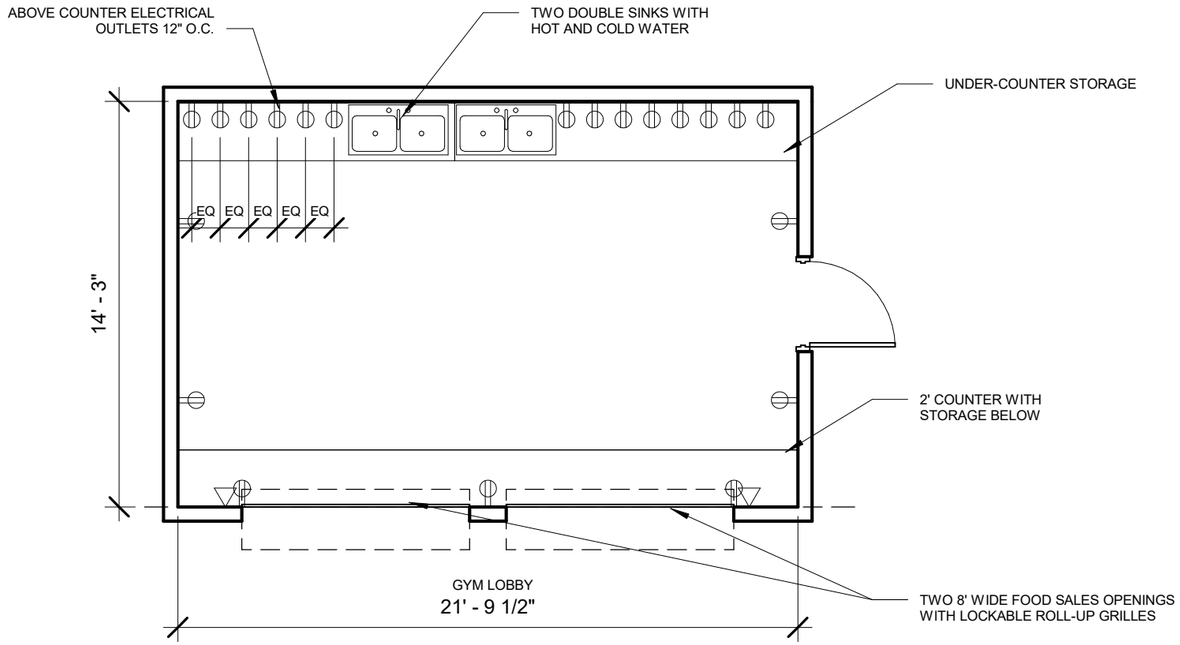
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

3.2.01 | GYMNASIUM LOBBY

SCALE: 1/16" = 1'-0"

1,995 SF



DESCRIPTION

Two 8' wide food sales openings with lockable roll-up covers.
Built-in counter under the food sales openings with under counter storage with above counter duplex outlets located on each end and center of counter.
Built-in counter on back wall with two double sinks with hot and cold water, undercounter storage, and abovecounter electrical outlets 12" o.c.
Two duplex outlets on each remaining wall.
One abovecounter data outlet per premise wiring matrix. Door security.
Electrial not to be daisy-chained.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v + 210V (2) Freezers
Data:	Yes
AV:	No

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

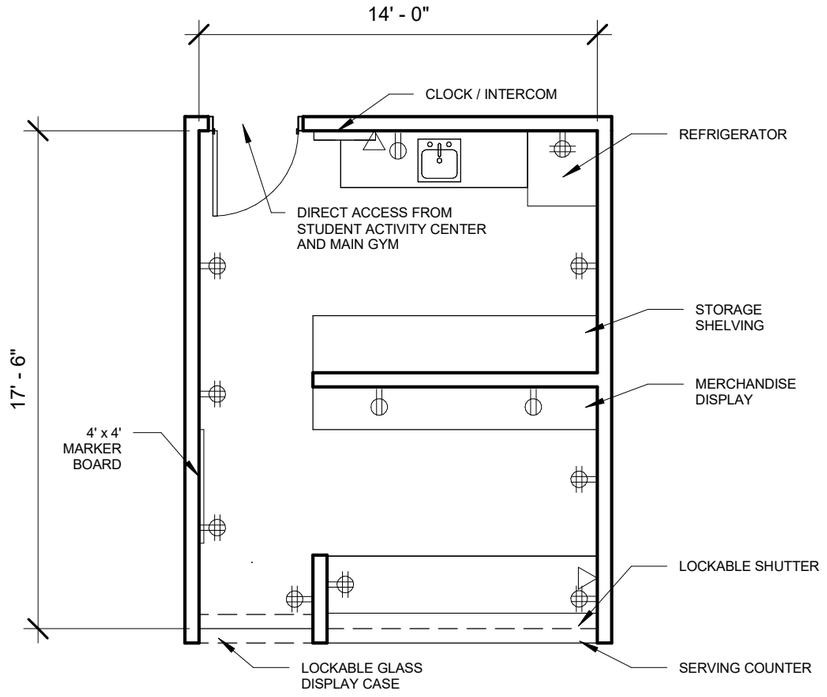
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

3.2.01A | CONCESSION BOOTH

SCALE: 3/16" = 1'-0"

310 SF



DESCRIPTION

Student store lines should not interfere with gym lobby traffic flow.
Provide roll-up fire shutter for serving counter to secure the area.
Direct access from student activity center and main gym.
One 4' x 4' wall-mounted tackboard.
One 4' x 4' x 1' lockable glass display cabinet visible to student activity center.
Lockable shutter with counter 2'10" A.F.F., approximately 1' either side of the window for purchases with electrical outlets for cash register.
Lockable banker's drawer under sliding window's counter near cash register.
One data port near customer serving window per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Built-in counter on one wall 34" A.F.F., 24" deep, with H. C. sink with hot/cold water, abovecounter electrical plugmold and lockable undercounter storage.
Area and power for 21 cu. ft. refrigerator/freezer.
Three quadraplex or duplex outlets on each remaining wall.
One clock / intercom.
Electrical not to be daisy-chained.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v + 110v Freezer
Data:	Yes
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

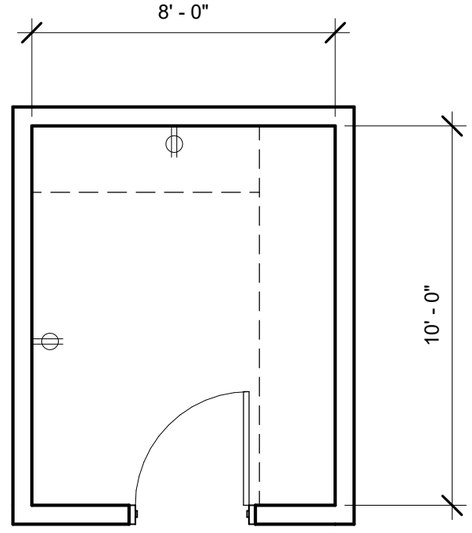
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.2.01B | STUDENT STORE

SCALE: 3/16" = 1'-0"

230 SF



DESCRIPTION

Storage for sale items.
3 walls with built in storage shelving 24" deep 3 shelves high..

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

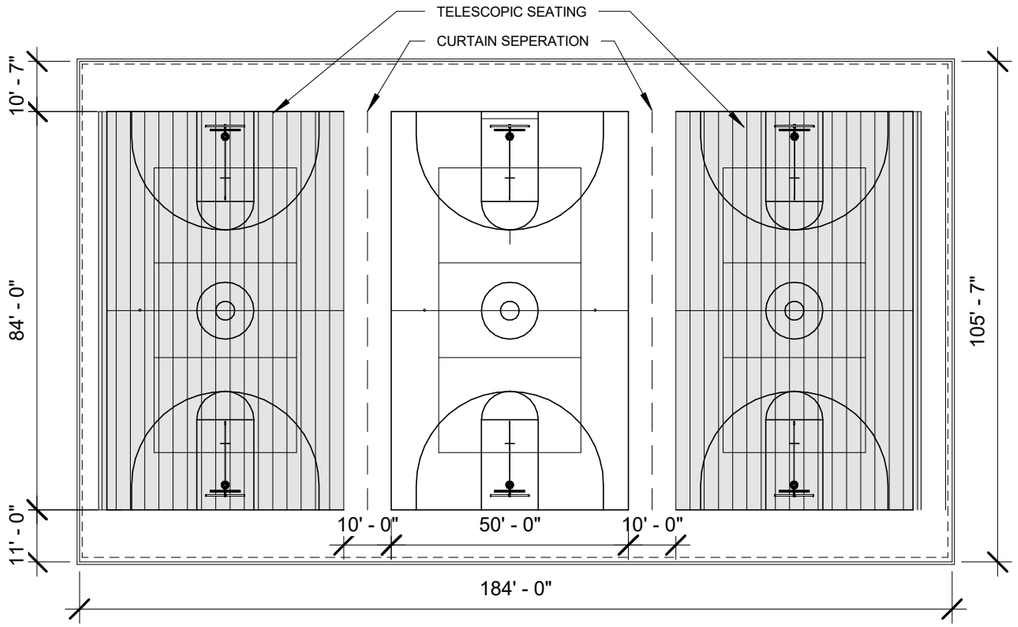
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.2.01C | STORAGE

SCALE: 1/4" = 1'-0"

80 SF



DESCRIPTION

Provide gym smoke and fire beam detectors with quantities per code or a minimum of (4). Assistive listening system for hearing impaired. Infra red in conjunction with the P.A. system to accommodate a minimum of (8) receivers or meet code. Furnish and install gymnasium only P.A. system with plug-in jack on both sides and both ends of the main court. Provide seating for 1,350 persons. Seating should be retractable, manual and affixed to the walls that run parallel to the main basketball court. Main basketball court to be 50' x 84' with a 10' safety zone between end lines and the outer walls. 10' of unobstructed space along the length of the court is preferred. Furnish and install two shock absorbing goals with rectangular glass backboards (6' x 42") with slam dunk rims in the main court. Furnish and install four shock absorbing goals with rectangular glass backboards (6' x 42") with double ring rims with nylon net for the two parallel courts. All goals should be retractable. (See CCSD Purchasing Office for current Standards.) Furnish and install goal and end wall padding. Furnish and install volleyball system standards, padding, and floor plate/sleeves in each basketball court (3).
Furnish and install (2) wall-mounted multi-sport scoreboards; one located on each end wall (end-of-period horn in place of buzzer), with plug-in outlet on both sides and both ends of the main court. A minimum of two duplex outlets on each end wall or to meet code. One duplex outlet on both sides of gym, centered at the top of the bleachers to accommodate filming of events in the gym. One ITV/CTV outlet on opposite ends for each side of the roll-up bleachers. Data outlets on both sides of the main court at center location with seating extended with power adjacent. Data outlet on both sides of the main court at center location with seating extended. Two clocks/intercoms on each end of the side basketball courts with protective wire cages (place them in the four corners of the gym). Easy access to gym lobby, drinking fountains and drinking fountains/cuspidors at entrance to Gym. Paint logo on gym floor. (Logo drawing to be supplied by school prior to final floor finish. #2 or better hardwood floor (oil base finish).

FINISHES

Floor:	Hardwood
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Height:	30'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SERVICES

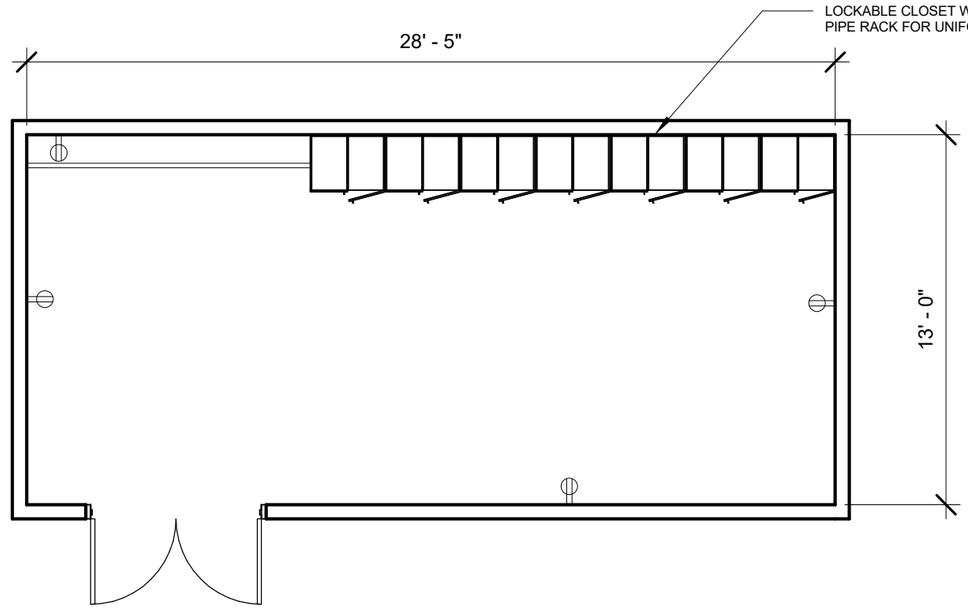
HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

3.2.02 | GYMNASIUM

SCALE: 1/32" = 1'-0"

19,425 SF



DESCRIPTION

Easy access from exercise room.
Storage of exercise equipment and supplies.
One duplex outlet on each wall.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

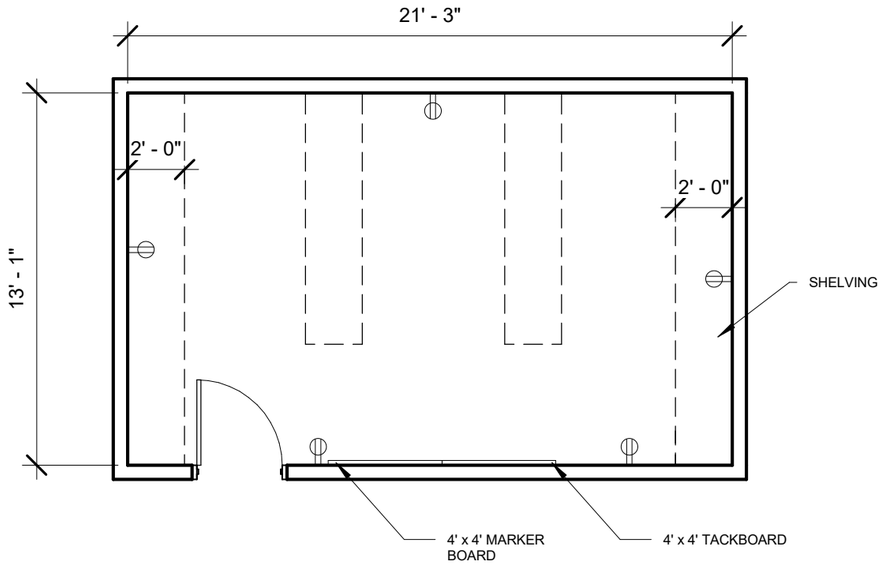
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 3/16" = 1'-0"

3.2.03, 3.2.04 | WOMEN AND MEN TEAM STORAGE ROOM

370 SF



DESCRIPTION

Direct access to main gym floor.
One 4' x 4' wall-mounted tackboard.
One 4' x 4' wall-mounted makerboard just inside the door.
One Duplex outlet on each wall.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

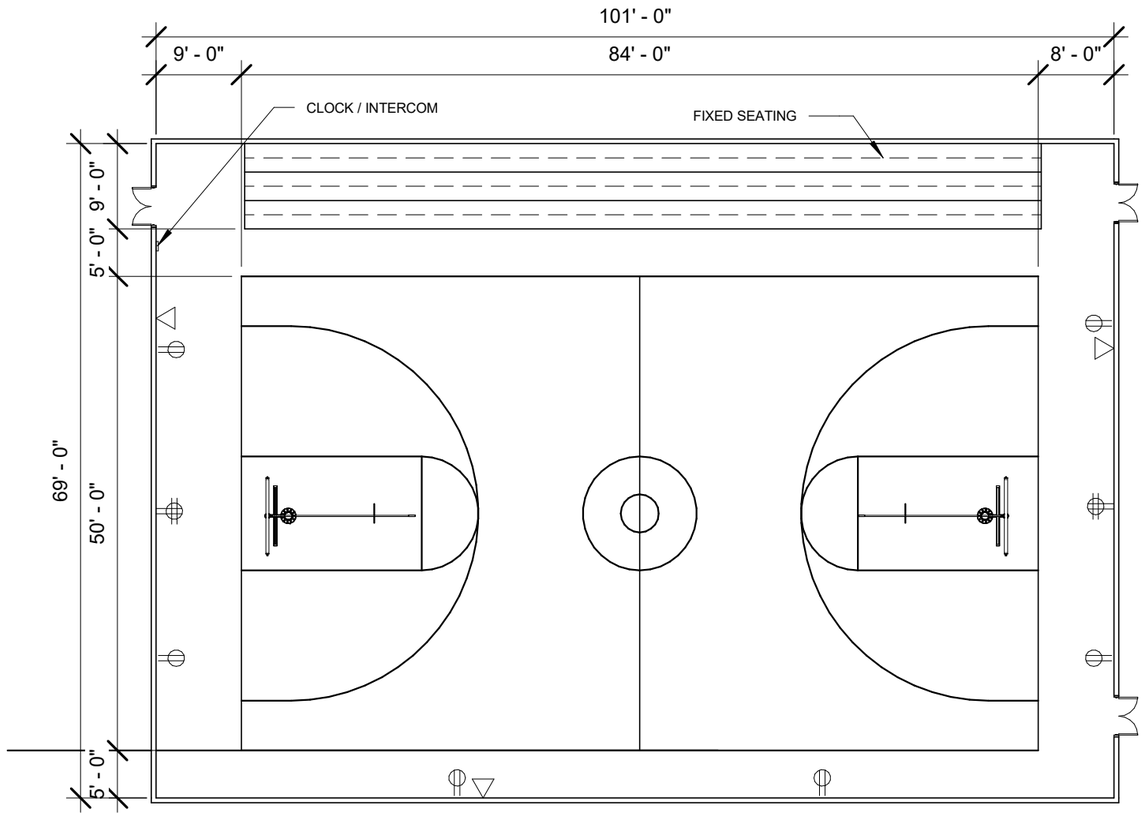
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.2.05 | PERFORMING GRP. STOR. & MEETING RM.

SCALE: 3/16" = 1'-0"

280 SF



DESCRIPTION

Easy access from girls locker rooms and boys locker rooms.
50'x 84' basketball court with 7' to 10' safety zone between end lines and the outer walls and the spectator sideline.
5' safety zone between the side line and the non-spectator wall.
Provide seating for 150 persons.
Seating should be fixed on one wall and run parallel to the basketball floor.
Provide P.A. system wall mounted plug in outlet.
Furnish and install two retractable shock absorbing goals with rectangular glass backboards (6' x 42") with slam dunk rims with goal and end wall padding.
Furnish and install volleyball floor plate/sleeves for one court.
One wall-mounted (side wall) multi-sport scoreboard on non-spectator side of court with plug-in outlet on spectator side of court.
Duplex outlets on gym walls per code.
Two ITV outlets.
One clock/intercom with call button 48" A.F.F. with wire guard.
(1) drinking fountain and (1) cuspidor in one corner of auxiliary gym with easy access from wrestling room (3.5.03).
#2 hardwood floor or better (oil base finish).
Drinking fountains to be located in the vicinity of the gym, not located within the hardwood flooring.

FINISHES

Floor:	Hardwood
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Height:	30'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51
Hardware:	Classroom lock

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

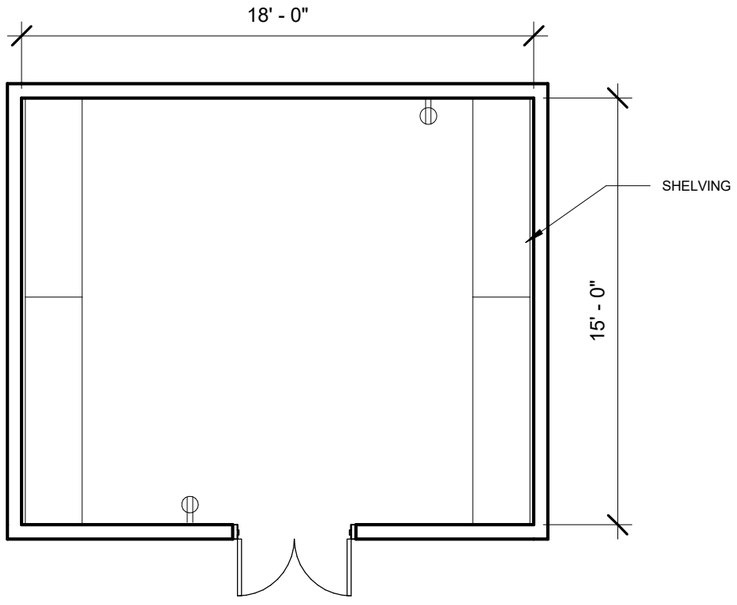
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.2.06 | AUXILARY GYMNASIUM

SCALE: 1/16" = 1'-0"

6,930 SF



DESCRIPTION

Direct access to auxiliary gym (3.2.06).
Gymnasium Storage Storage of gymnastic and physical education equipment.
Two duplex outlets.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

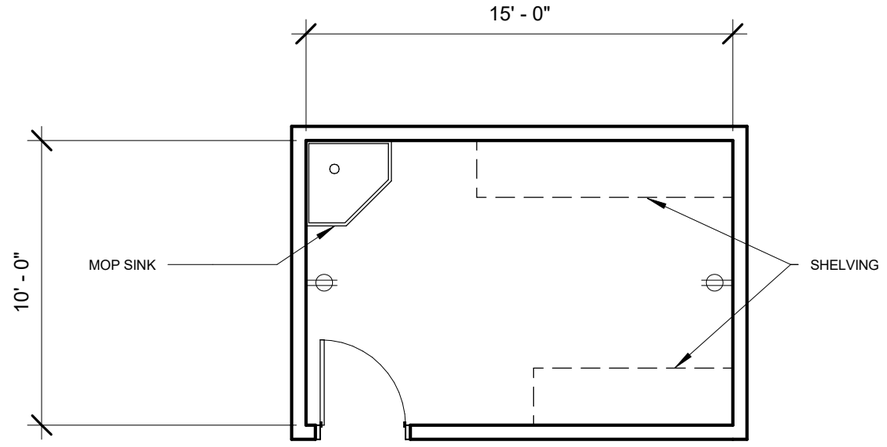
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.2.06A | AUXILARY GYMNASIUM STORAGE

SCALE: 3/16" = 1'-0"

270 SF



DESCRIPTION

Storage area for janitor supplies. Includes mop sink.Relates to locker rooms and gymnasiums using a main hallway for access. Two duplex outlets. Vinyl tile floor.

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	-
Ceiling:	ACT
Height:	8'-0" min.
CAC Rating:	40
Doors:	Solid Core Wood
STC Rating:	-

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): -

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

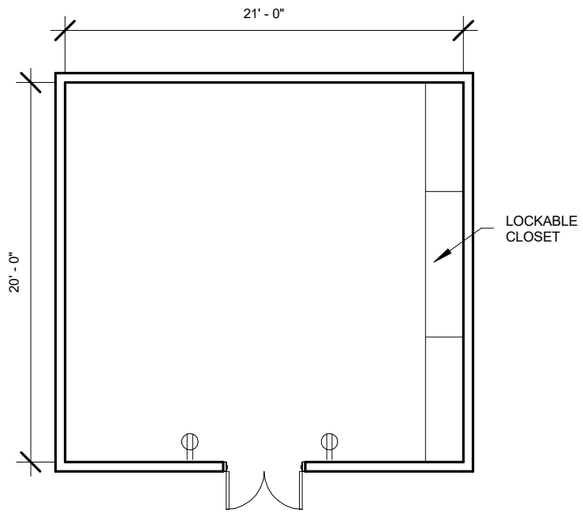
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.2.07 | CUSTODIAL STORAGE ROOM

SCALE: 3/16" = 1'-0"

150 SF



DESCRIPTION

Direct access from varsity team room (3.45).
Storage of football equipment.
One wall of lockable closet with shelf for football pants and pipe rack for hanging jerseys (at least 16').
Two duplex outlets near entrance.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

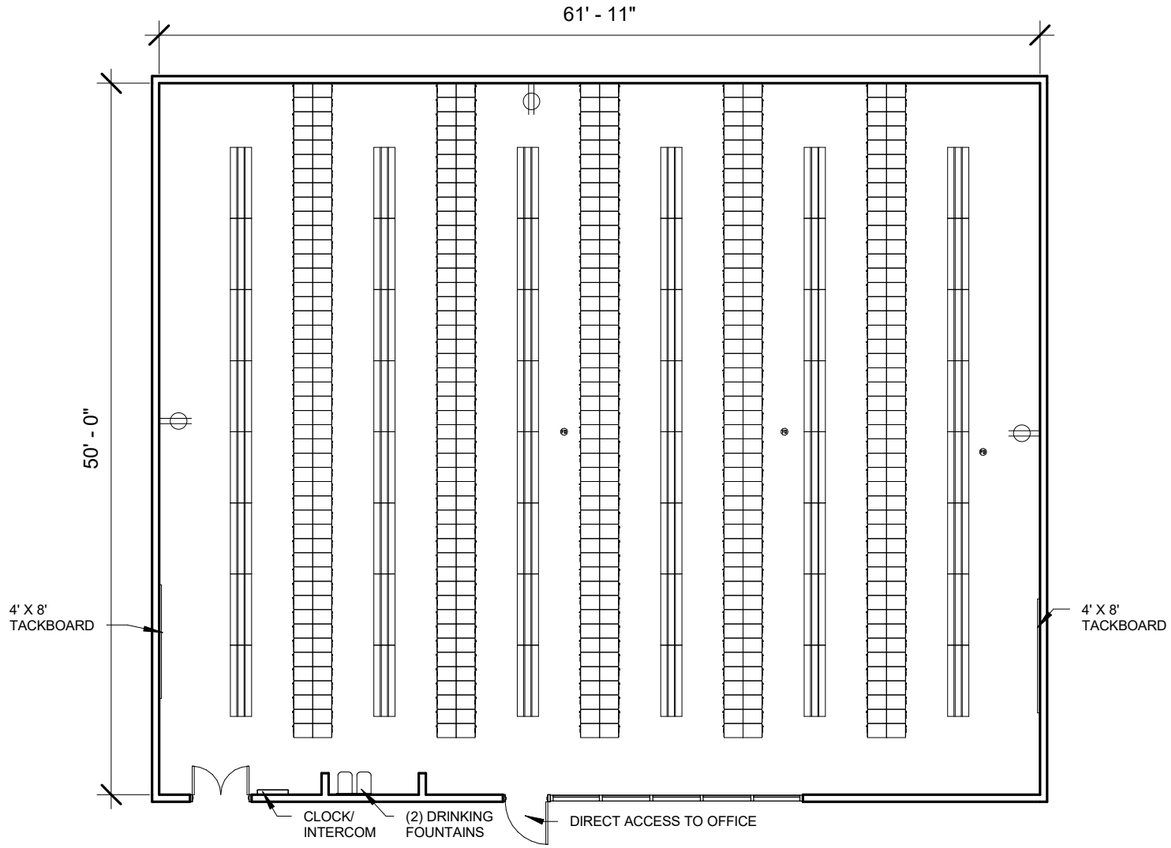
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.2.09 | EQUIPMENT STORAGE (FOOTBALL)

SCALE: 1/8" = 1'-0"

420 SF



DESCRIPTION

Relate to main gym aux gym and outdoor fields for access. Direct access to shower and rest room areas.
Visual supervision down locker rows from the P.E. Staff Office.
Excellent lighting.
One 4' x 8' wall-mounted tackboard located at the entrance to the locker area.
One 4' x 8' wall-mounted tackboard located at the front of the locker room near the varsity team room.
A minimum of (387) 12" wide x 16" deep x 40" high (3-tier) athletic lockers with a 4" curb (equals 1,161).
Fixed benches between locker rows.
(3) duplex outlets.
One ITV outlet.
One clock/intercom (no call button).
One (3) bubbler and one (2) bubbler non-refrigerated drinking fountains.
Floor drains for flood cleaning.
Provide ADA bench(s).

FINISHES

Floor:	Epoxy resin
Walls:	Paint / tile
STC Rating:	51
Ceiling:	Gypsum board
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SERVICES

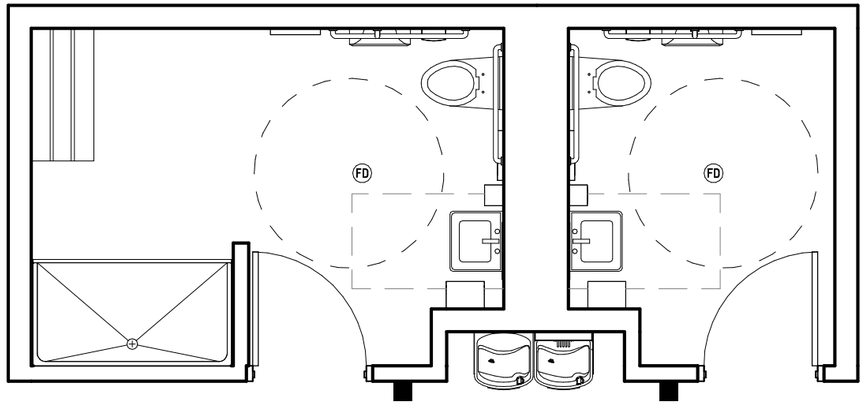
HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

SCALE: 3/32" = 1'-0"

3.3.01, 3.4.01 | GIRLS' AND BOYS' LOCKER AREA

3,100 SF



DESCRIPTION

Access from locker rooms. Water closet and lavatory to meet code. ADA accessible shower in one stall. Shatterproof mirror. One GFIC duplex outlet near lavatory. Liquid soap dispenser. Paper towel dispenser. Roll toilet paper dispenser. Sanitary napkin dispenser/disposal.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	Epoxy resin
Walls:	Paint
STC Rating:	51
Ceiling:	Gypsum board
Height:	9'-0" min.
CAC Rating:	51
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

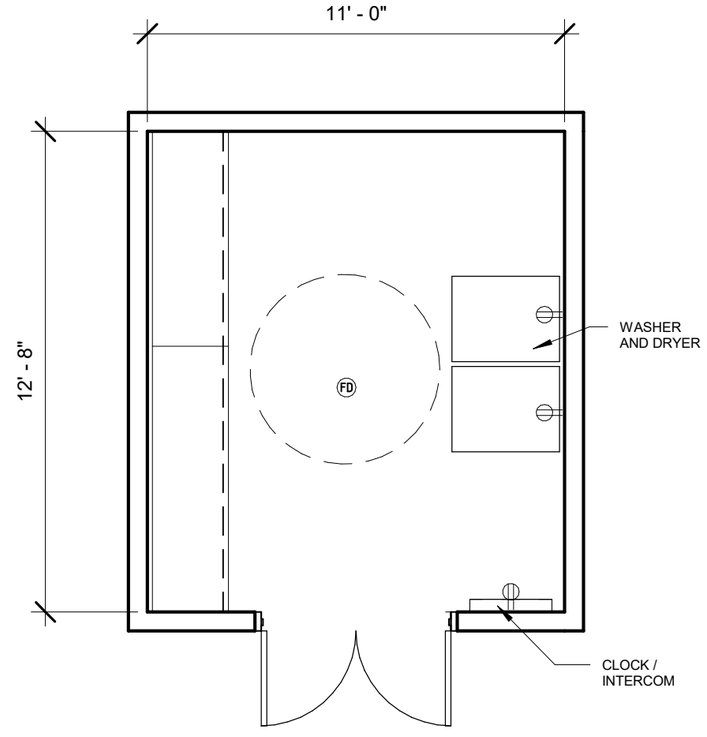
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/4 = 1'-0"

3.3.02, 3.4.02 | SHOWER / GENERAL RESTROOM

120 SF (SHOWER ONLY)



DESCRIPTION

Direct access from locker room.
Easy access to staff office.
7' shelf with under shelf pipe rack for hanging uniforms.
Electrical for commercial washer (440v-480v) 3 phase, 2.8 amps) and dryer 480v, 3 phase, 38 amps).
Ventilation for dryer.
Washer and dryer are (OFOI) (install plumbing and electrical to support washer right/dryer left as you face them thus ensuring correct swing of the doors).
Floor drain.
One clock/intercom.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	480v
Data:	Yes
AV:	No

FINISHES

Floor:	Sealed Concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51
Hardware:	Classroom lock

Note Use Acoustical Engineer for all spaces

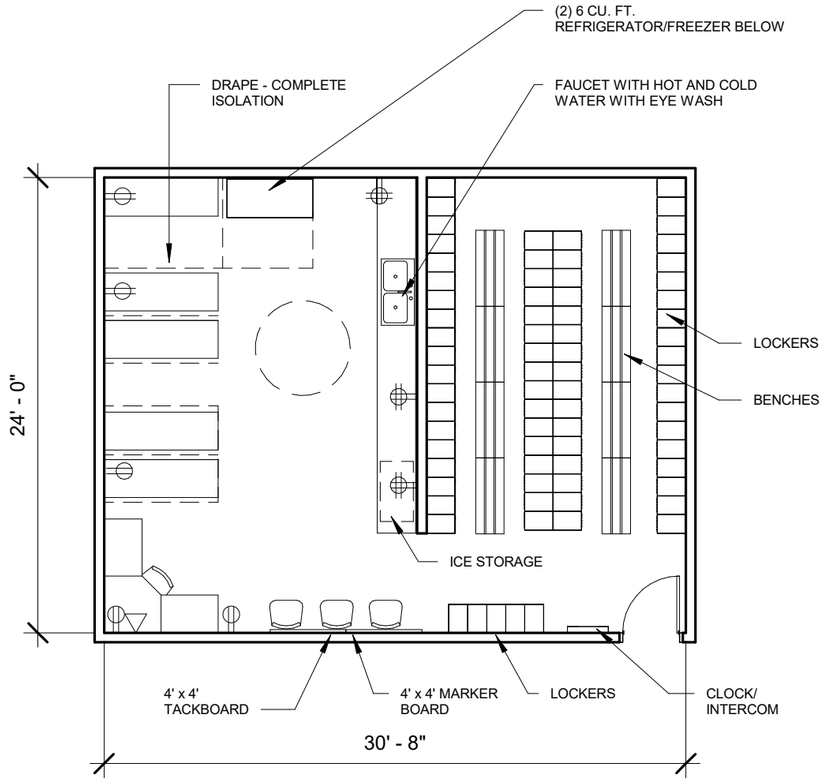
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/4" = 1'-0"

3.3.03 , 3.4.03 | WASHER / DRYER ROOM

140 SF



DESCRIPTION

Access to locker room. Easy access to shower area and restroom
Area for taping, first aid, and training table.
One 4' x 4' wall-mounted tackboard. one 4' x 4' wall-mounted marker board. (75) 12" wide x 16" deep x 72" high single tier full vented varsity lockers.
Sink with hot and cold water.
Two duplex outlets minimum. One ITV outlet on non-locker wall. One phone outlet and one clock/intercom with call button 48" A.F.F near entrance.
One clock/intercom.
Power connections not to be daisy-chained.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Epoxy resin
Walls:	Painted enamel
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

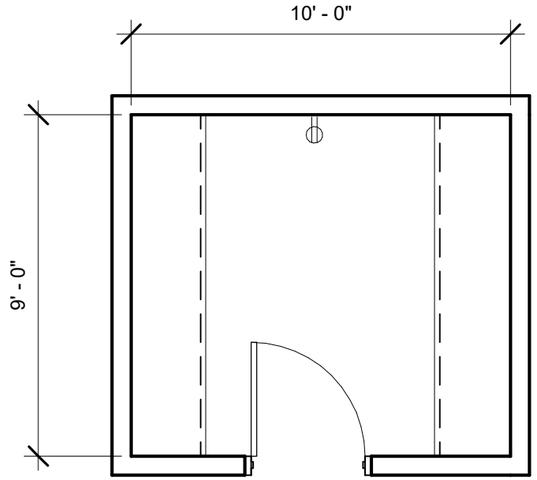
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/8" = 1'-0"

3.3.05, 3.4.05 | VARSITY TEAM / FIRST AID ROOM

735 SF



DESCRIPTION

Easy access from locker room (3.3.05)
Storage Rooms relate to hallway for access.
Storage of athletic supplies and equipment.
One duplex outlet each room.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

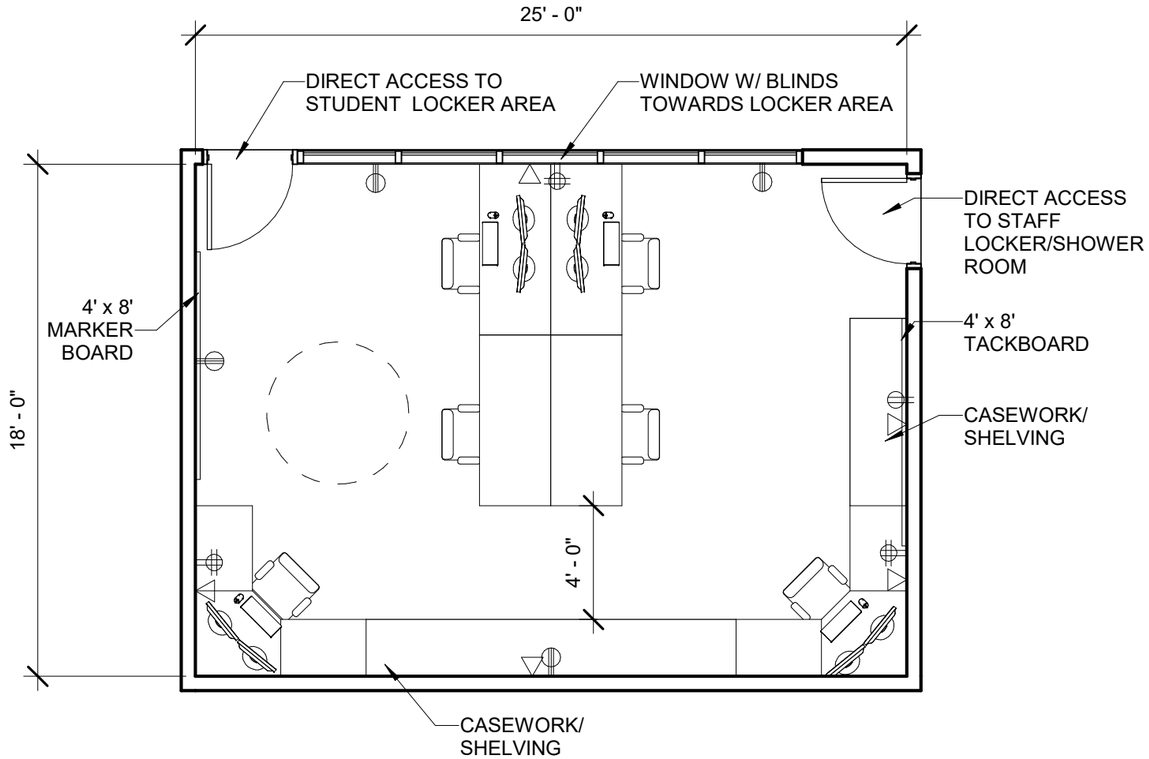
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/4" = 1'-0"

3.3.06, 3.4.06 | TEAM STORAGE ROOM

90 SF



DESCRIPTION

Teaching/coaching office.
Visual supervision of locker room. Fixed glass windows. Sight lines down locker rows. One 4' x 8' wall-mounted tackboard. One 4' x 8' wall-mounted marker board.
Three data ports located on three walls. Quadraplex outlets to support each data port. One duplex outlet on each wall near data ports.
One ITV outlet. One CTV outlet.
One clock/intercom with call button 48" A.F.F.
Direct access to staff locker/shower room.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Notes: Use Acoustical Engineer for all spaces

KEY

RECEPTACLE	DATA
QUAD RECEPTACLE	TV OUTLET
DATA/PHONE	CLOCK/INTERCOM
FLOOR BOX (POWER & DATA)	

SERVICES

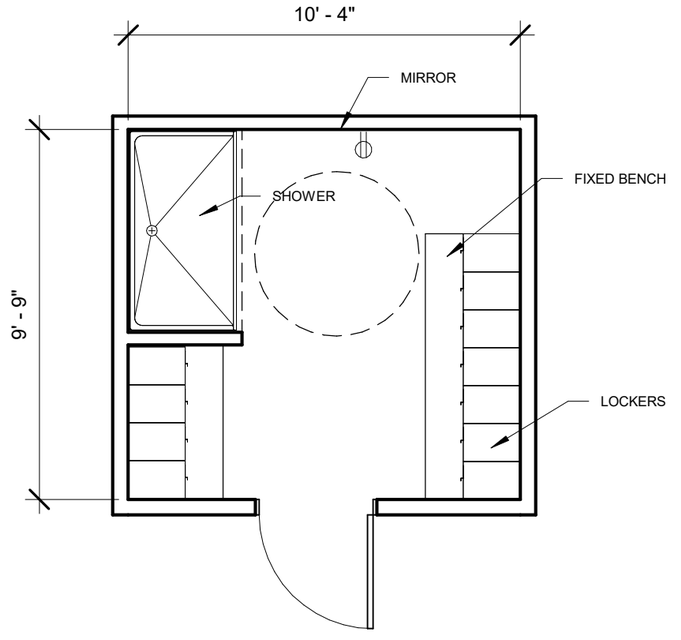
HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

SCALE: 3/16" = 1'-0"

3.3.07, 3.4.07 | WOMEN AND MEN PE STAFF OFFICE

450 SF



DESCRIPTION

Direct access from staff office
One shower with one shower head.
(7) 12" wide x 16" deep x 72" high athletic lockers (single tier).
Fixed bench along front of lockers.
One duplex outlet.
Shatterproof mirror(s).

FINISHES

Floor:	Epoxy resin
Walls:	Ceramic tile
STC Rating:	51
Ceiling:	Gypsum board
Height:	9'-0" min.
CAC Rating:	51
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

RECEPTACLE	DATA
QUAD RECEPTACLE	TV OUTLET
DATA/PHONE	CLOCK/INTERCOM
FLOOR BOX (POWER & DATA)	

SERVICES

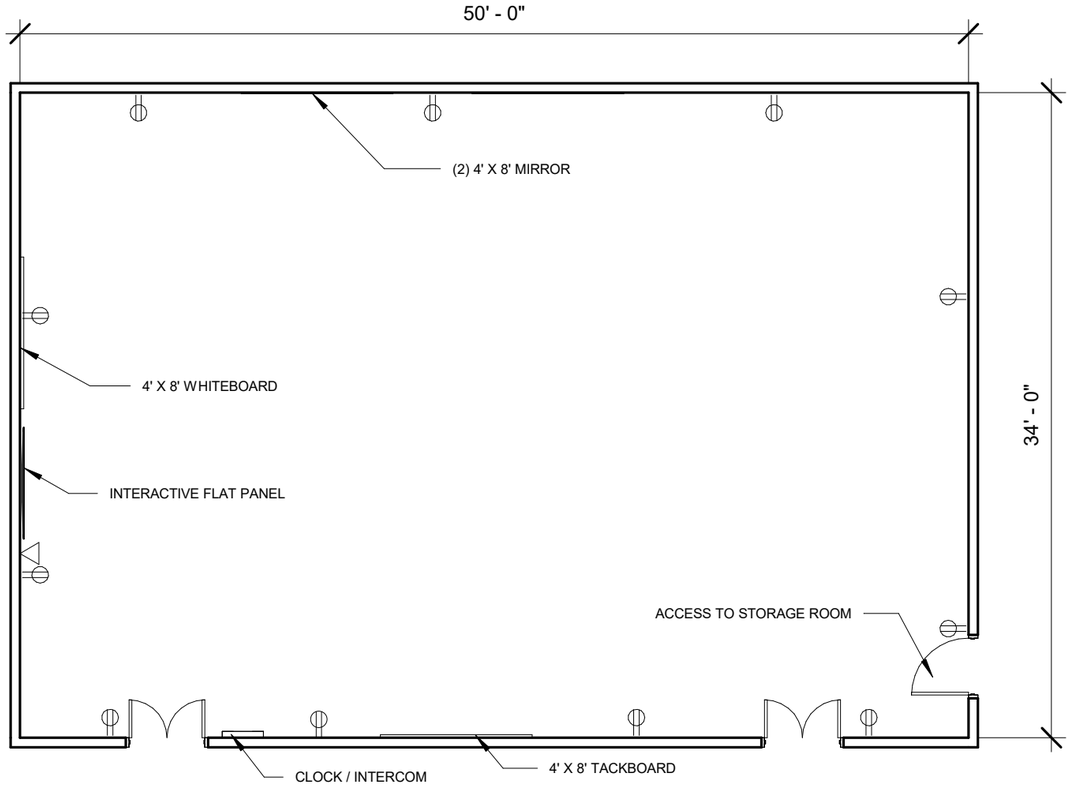
HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

SCALE: 1/4" = 1'-0"

3.3.07A , 3.4.07A | STAFF LOCKER/SHOWER ROOM

100 SF



DESCRIPTION

Gym hallway access.
Relate to both boys' and girls' student access from Gym.
Easy access to drinking fountain in the Gym.
15 air exchanges per hour.
One 4' x 8' wall-mounted tackboard near entrance.
One 4' x 8' wall-mounted maker board.
Two 4' x 8' shatterproof mirrors.
Three duplex outlets on each wall.
One ITV outlet.
One data outlet(VOIP) 48" A.F.F. near the gym entrance door.
One clock/intercom with call button 48" A.F.F. near entrance door.
Interactive flat panel with data/power and required backing.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

FINISHES

Floor:	Athletic flooring
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	15'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

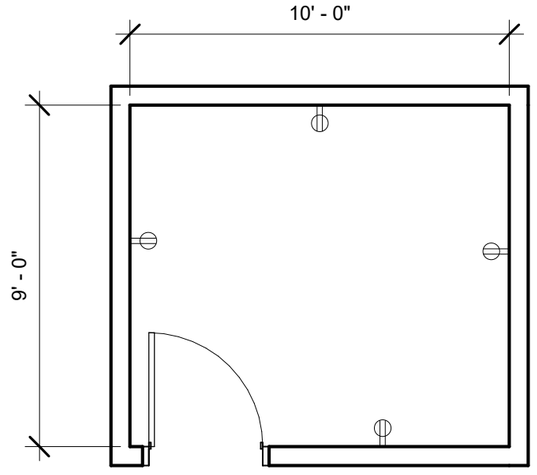
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

3.5.01 | EXERCISE ROOM / FUNCTIONAL FITNESS / WELLNESS

SCALE: 1/8" = 1'-0"

1,705 SF



DESCRIPTION

Easy access from exercise room.
Storage of exercise equipment and supplies.
One duplex outlet on each wall.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

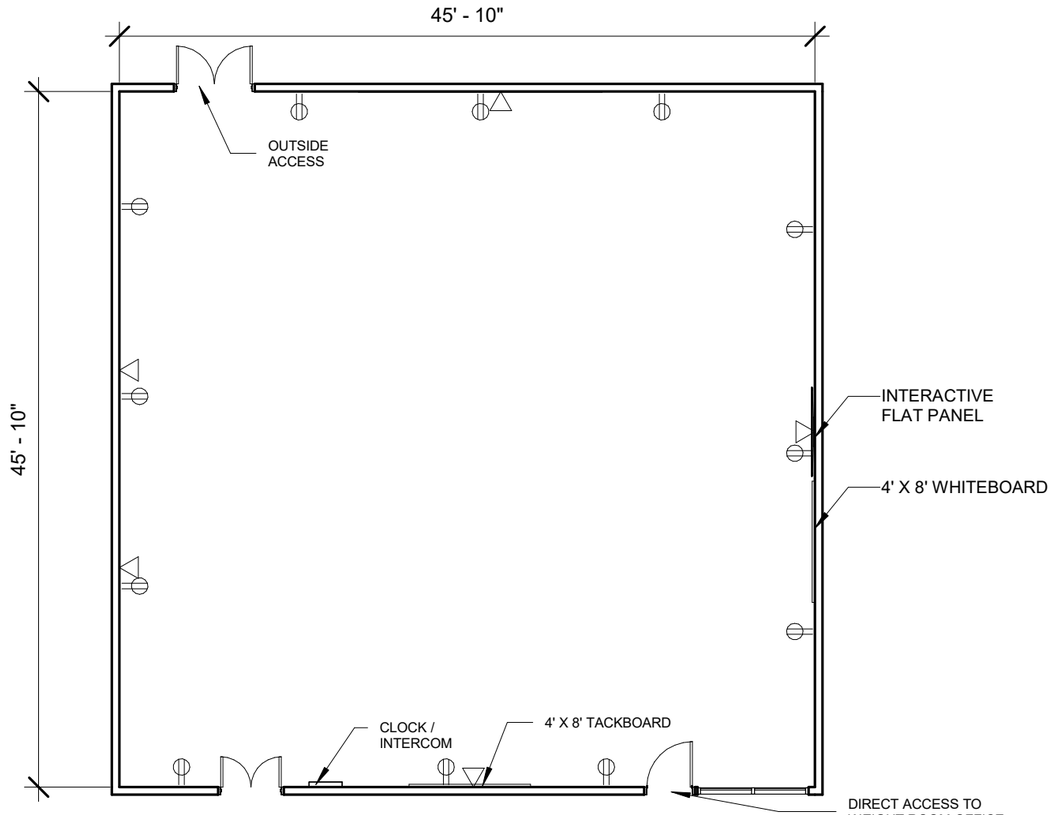
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

3.5.01A | STORAGE ROOM

SCALE: 1/4" = 1'-0"

90 SF



DESCRIPTION

Outside and Gym access.
Relate to both boys' and girls' student access from Gym.
Easy access to drinking fountain in the Gym.
15 air exchanges per hour.
Walls should accommodate attachment of weight equipment.
One 4' x 8' wall-mounted tackboard near entrance.
One 4' x 8' wall-mounted marker board.
Two 4' x 8' shatterproof mirrors.
Three duplex outlets on each wall.
One ITV outlet.
Data outlet(VOIP) 48" A.F.F. near the gym entrance door.
One clock/intercom with call button 48" A.F.F. near the gym entrance door.
Weight room flooring (possibly athletic sheet flooring or any future increased technology type of flooring).

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

FINISHES

Floor:	Athletic sheet flooring
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	15'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

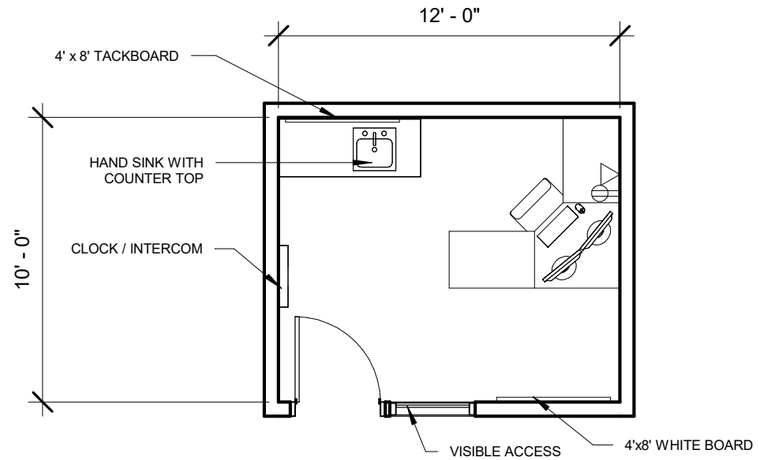
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.5.02 | WEIGHT ROOM

SCALE: 1/8" = 1'-0"

2,100 SF



DESCRIPTION

Direct access from weight room.
One 4' x 4' wall-mounted tack board.
One 4' x 4' wall-mounted marker board.
Quadraplex outlets to support each data port.
Two additoinal dplex outlets each wall near data ports.
One ITV outlet. One CTV outlet.
One clock intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

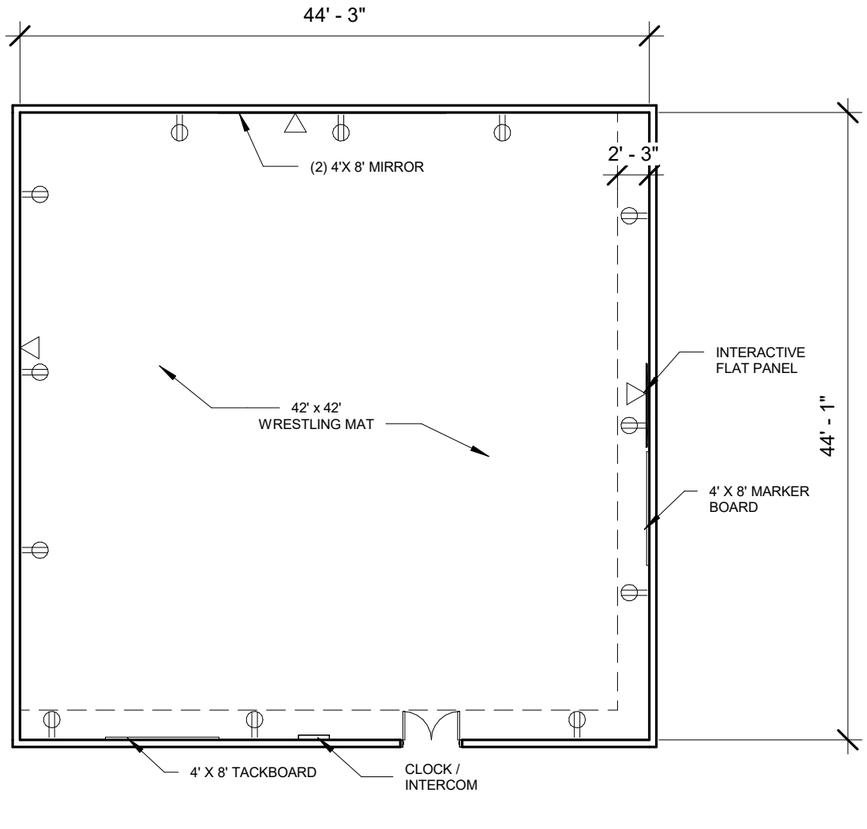
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.5.02A | OFFICE

SCALE: 3/16" = 1'-0"

120 SF



DESCRIPTION

Easy access to main gym and auxiliary gym
Access from boys area corridor.
Relate to boys' locker side of gym.
Easy access to (1) HCP drinking fountain and (1) cuspidor in the auxiliary gym
Room to accommodate (1) 42' x 42' wrestling mat with walk space down two sides.
Individual temperature control.
15 air exchanges per hour.
One 4' x 8' wall-mounted tackboard near the entrance.
Two 4' x 8' shatterproof mirrors.
Nine duplex outlets (3 each on 3 walls).
One ITV outlet.
One clock / intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	12'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

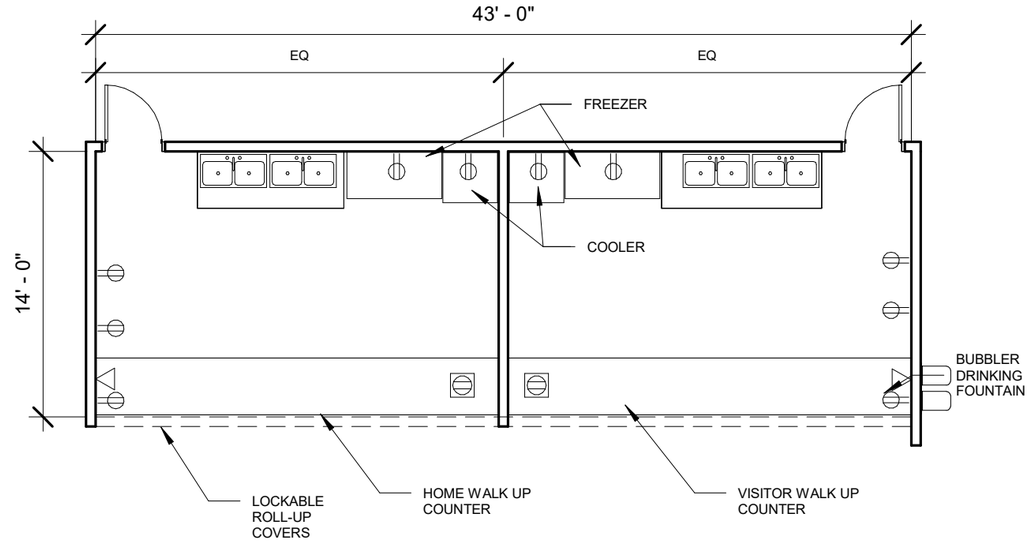
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.5.03 | WRESTLING ROOM

SCALE: 3/32" = 1'-0"

1,950 SF



DESCRIPTION

Exterior lighting on all sides. Access to football field.
One outside (3) bubbler drinking fountain.
Outside access door.
Two 8' wide food sales openings with lockable roll-up covers.
Built-in counter with undercounter storage and abovecounter duplex outlets located on each end and center of counter.
Built-in counter on back wall with two double sinks with hot and cold water, undercounter storage, and abovecounter electrical plugmold.
Two duplex outlets on each remaining wall.
Electrial not to be daisy-chained.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

CRITERIA

Floor:	Sealed concrete floor
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Hollow metal
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

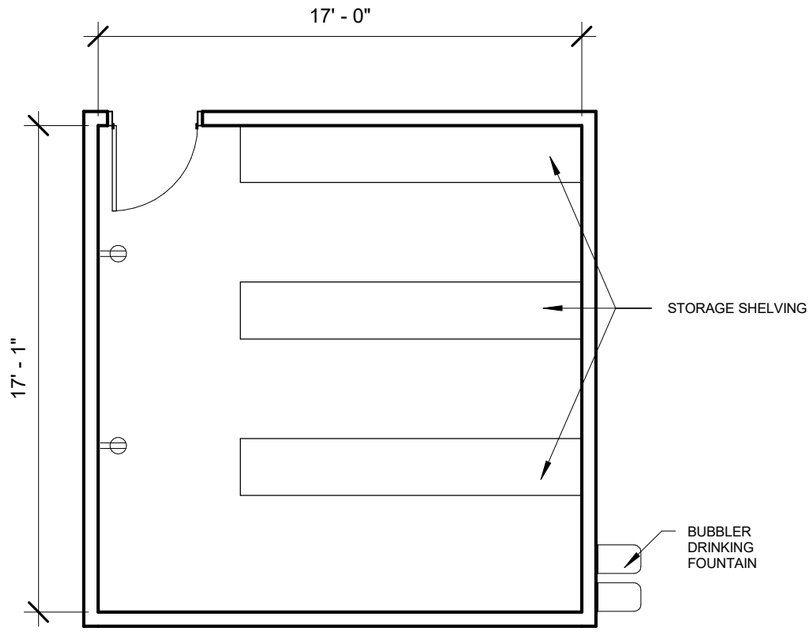
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.6.01A | CONCESSION STAND

SCALE: 1/8" = 1'-0"

600 SF



DESCRIPTION

Access to football field. Exterior lighting.
Outside drinking fountains. Outside access door.
Two duplex outlets.
Door security.

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Hollow metal
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

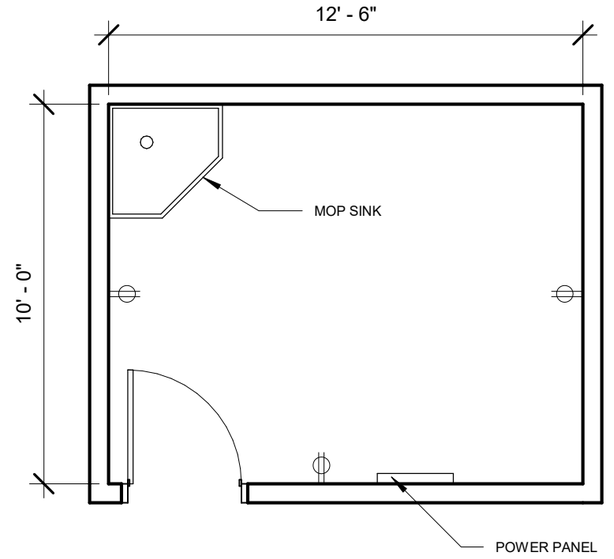
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.6.01B | STORAGE

SCALE: 3/16" = 1'-0"

290 SF



DESCRIPTION

Custodial storage with mop sink. Three duplex outlets plus power panels for the building. Door security. Sealed concrete floor.

FINISHES

Floor:	Sealed Concrete
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Height:	
CAC Rating:	40
Doors:	Hollow Metal
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

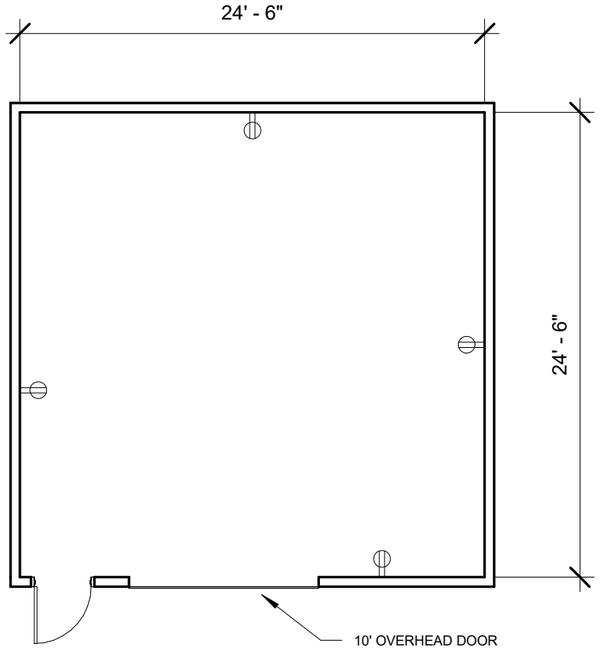
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.6.01D | CUSTODIAL STORAGE

SCALE: 1/4" = 1'-0"

125 SF



3.6.01E | TURF MAINTENANCE

SCALE: 1/8" = 1'-0"

600 SF

DESCRIPTION

Storage for turf maintenance tools and equipment.
Roll up door to be accessible for heavy equipment.
One duplex outlet one each wall.
Door secure from theft and vandalism.

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Height:	-
Doors:	Hollow metal
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

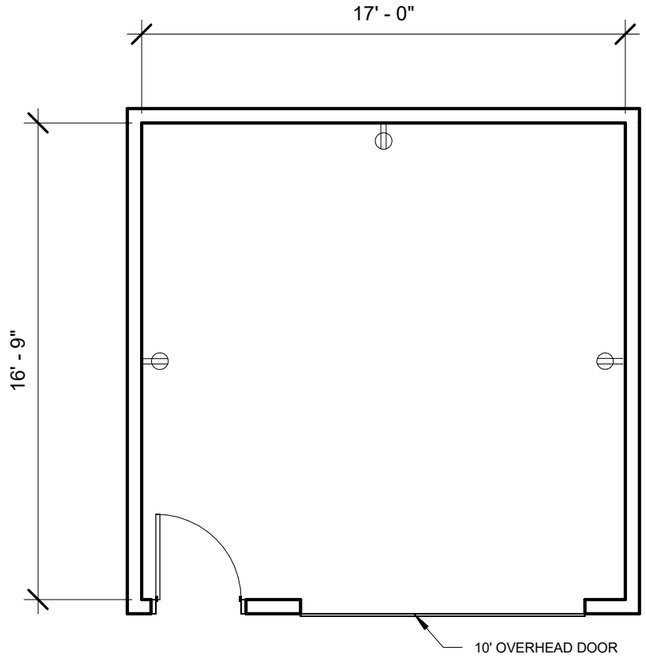
SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM



3.6.02 | FOOTBALL/TRACK EQUIPMENT STORAGE

SCALE: 3/16" = 1'-0"

285 SF

DESCRIPTION

Direct access from varsity team room.
Storage of football equipment.
One wall of lockable closet with shelf for football pants and pipe rack for hanging jerseys (at least 16').
Two duplex outlets near entrance.
Vinyl tile floor.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Height:	-
CAC Rating:	40
Doors:	Hollow metal
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

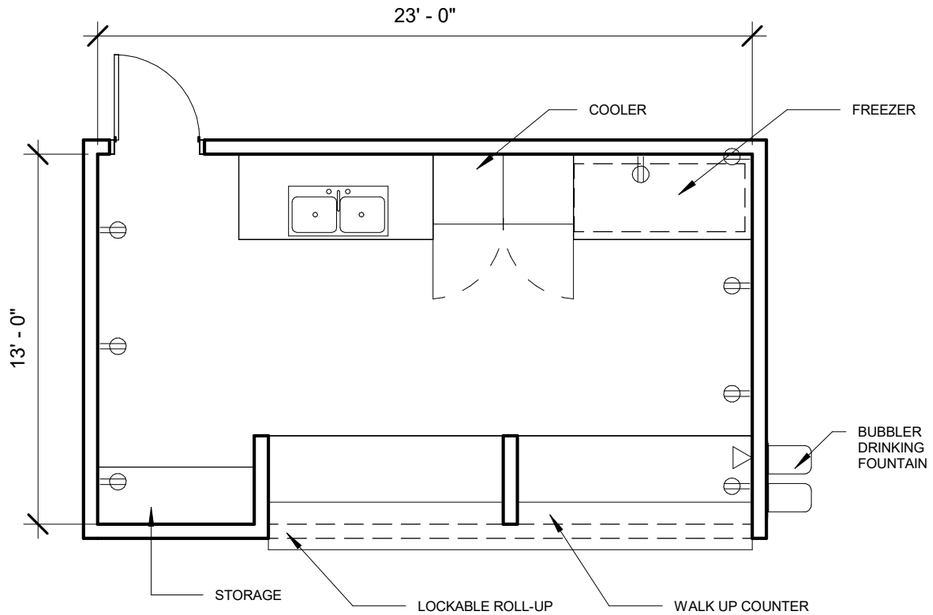
SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM



DESCRIPTION

Exterior lighting on all sides. Access to Soccer/Baseball/Softball fields.
One outside (3) bubbler drinking fountain.
Outside access door.
Two 8' wide food sales openings with lockable roll-up covers.
Built-in counter with undercounter storage and abovecounter duplex outlets located on each end and center of counter.
Built-in counter on back wall with two double sinks with hot and cold water, undercounter storage, and abovecounter electrical plugmold.
Two duplex outlets on each remaining wall.

CRITERIA

Floor:	Sealed concrete floor
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Hollow metal
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

3.6.09 | CONCESSION STAND

300 SF

04 STUDENT ACTIVITY CENTER / MAINTENANCE & OPERATIONS CENTER

STUDENT ACTIVITY CENTER / MAINTENANCE & OPERATIONS CENTER

4.0	**STUDENT ACTIVITY CENTER / MAINTENANCE & OPERATIONS CENTER**			**24,440**	**0**		**0**	**0**
4.1	**Commons Area / Student Activity Cen**	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	Commons Area - Interior Plaza	1	6,755	6,755	0		-		-
.02	Student Activity Center	1	8,140	8,140	0		-		-
	a. Custodial Storage	1	100	100	0		-		-
	b. Equipment Storage room	1	405	405	0		-		-
.03	Student Government Room	1	250	250	0		-		-
.04	TR Room	1	200	200	0		-		-
.05	Faculty Break Room	1	700	700	0		-		-
.06	Outside Patio Area	1		0	0		-		-
.07	Staff General Use Restroom	1		0	0		-		-
				16,550	**0**		**0**		**0**

4.2	**Cafeteria Area**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Food Serving Area	1	990	990	0		-		-
.02	Kitchen Prep Area	1	1,970	1,970	0		-		-
	a. Pot Washing	1	240	240	0		-		-
	b. Walk-in Refrigerator	1	260	260	0		-		-
	c. Walk-in Freezer	1	260	260	0		-		-
	d. General and Dry Storage	1	245	245	0		-		-
.03	Office	1	120	120	0		-		-
.04	Cafeteria Staff Locker Room	1	120	120	0		-		-
.05	Cafeteria Staff Restroom	1		0	0		-		-
				4,205	**0**		**0**		**0**

4.3	**Maintenance & Operations Complex**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	General Workshop	1	955	955	0		-		-
	a. Tool Storage Room	1	140	140	0		-		-
.02	Office	1	120	120	0		-		-
	a. Staff Locker Area	1	60	60	0		-		-
	b. Staff General Use Restroom	1		0	0		-		-
.03	Main Electrical Room	1	420	420	0		-		-
.04	Emergency Electrical Room	1	70	70	0		-		-
.05	Boiler Room	1	830	830	0		-		-
.06	Chiller Room	1	1,090	1,090	0		-		-
.07	Mechanical Yard	1		0	0		-		-
				3,685	**0**		**0**		**0**

STUDENT ACTIVITY CENTER / MAINTENANCE & OPERATIONS CENTER

4.0 STUDENT ACTIVITY CENTER / MAINTENANCE & OPERATIONS CENTER

4.1 Commons Area / Student Activity Center

4.1.01
Commons Area- Interior Plaza
6,755 SF

4.1.02
Student Activity Center
8,140 SF

4.1.02A
Custodial Storage
100 SF

4.1.02B
Equipment Storage room
405 SF

4.1.03
Student Government Room
250 SF

4.1.04
T.R. Room
200 SF

4.1.05
Faculty Break Room
700 SF

4.2 Cafeteria Area

4.2.01
Food Serving Area
990 SF

4.2.02
Kitchen Prep Area
1,970 SF

4.2.02A
Pot Washing
240 SF

4.2.02B
Walk-in Refrigerator
260 SF

4.2.02C
Walk-in Freezer
260 SF

4.2.02D
General and Dry Storage
245 SF

4.2.03
Office
120 SF

4.2.05
Cafeteria Staff Locker Room
120 SF

4.3 Maintenance & Operations Complex

4.3.01
General Workshop
955 SF

4.3.01A
Tool Storage Room
140 SF

4.3.02
Office
120 SF

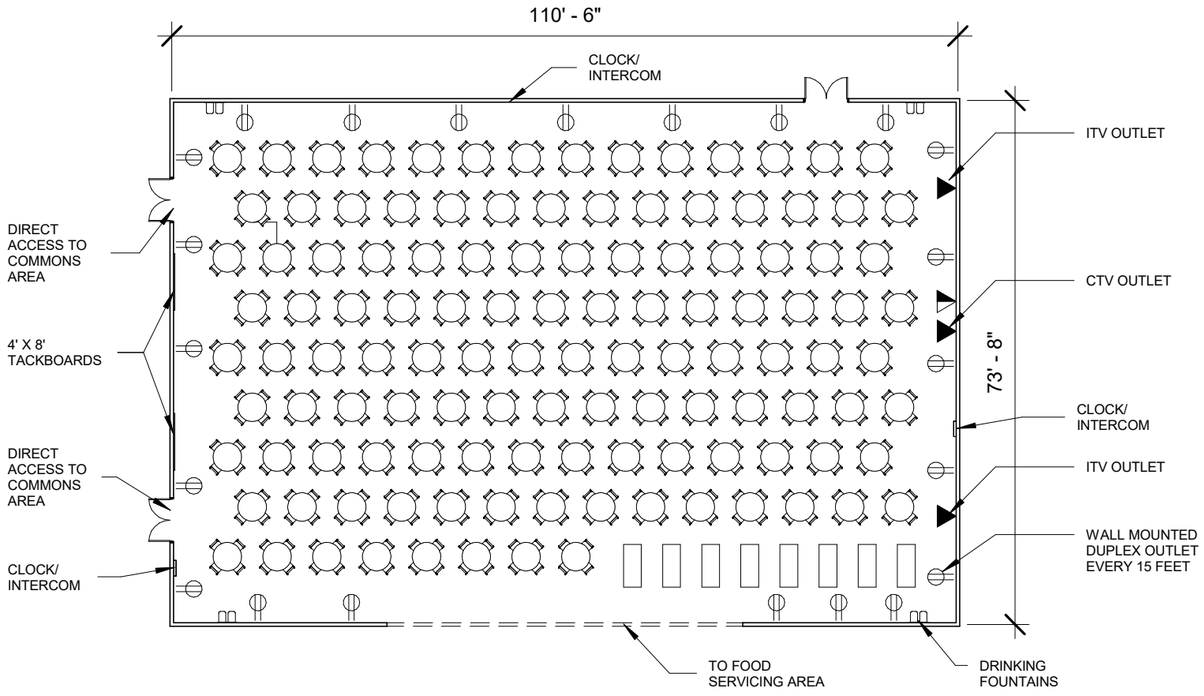
4.3.02A
Staff Locker Area
60 SF

4.3.03
Main Electrical Room
420 SF

4.3.04
Emergency Electrical Room
70 SF

4.3.05
Boiler Room
830 SF

4.3.06
Chiller Room
1090 SF



DESCRIPTION

Student Activity Center with 528+ seats, plan for 1,000 students per lunch.
Relate to commons area for direct access.
Multipurpose area for student functions including dining, lounging, studying, testing and dancing.
Two 4'X8' wall- mounted tackboards located just inside the main entrance doors.
Presentation area with P.A. system, and electrical (100 and 200) to accommodate a dance band. Assitive listening system for hearing impaired. Infra red in conjunction wiht the P. A. system to accommodate a minimum of eight (8) receivers. Wall-mounted duplex outlet every 15 feet.
Two ITV outlets. One CTV outlet.
Three clock / intercoms with call buttons 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 30

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	79
Ceiling:	ACT/Open
Height:	Varies
CAC Rating:	40
Doors:	Solid core wood with vision lite /Storefront
STC Rating:	79

Note: Use Acoustical Engineer for all spaces

KEY

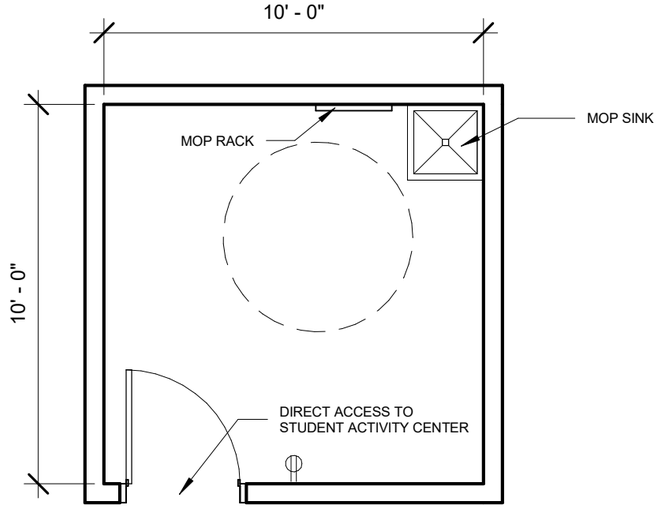
- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.1.02 | STUDENT ACTIVITY CENTER

SCALE: 3/64" = 1'-0"

8,140 SF

ROOM DATA SHEETS



DESCRIPTION

Custodial storage with mop sink with hot/cold water and mop rack, (include FRP wainscot on side walls that are drywall).
One duplex outlet.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	Sealed concrete
Walls:	FRP/Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

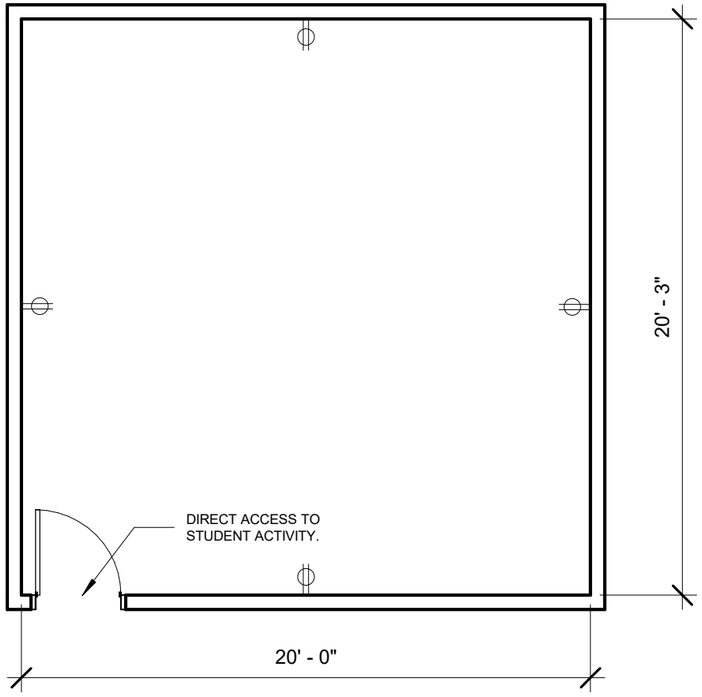
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.1.02A, 7.2.06, 10.2.03, 11.2.06, 12.2.06 | CUSTODIAL STORAGE

SCALE: 3/8" = 1'-0"

100 SF



DESCRIPTION

One duplex outlet on each wall.
Access from student activity center.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

Note: Use Acoustical Engineer for all spaces

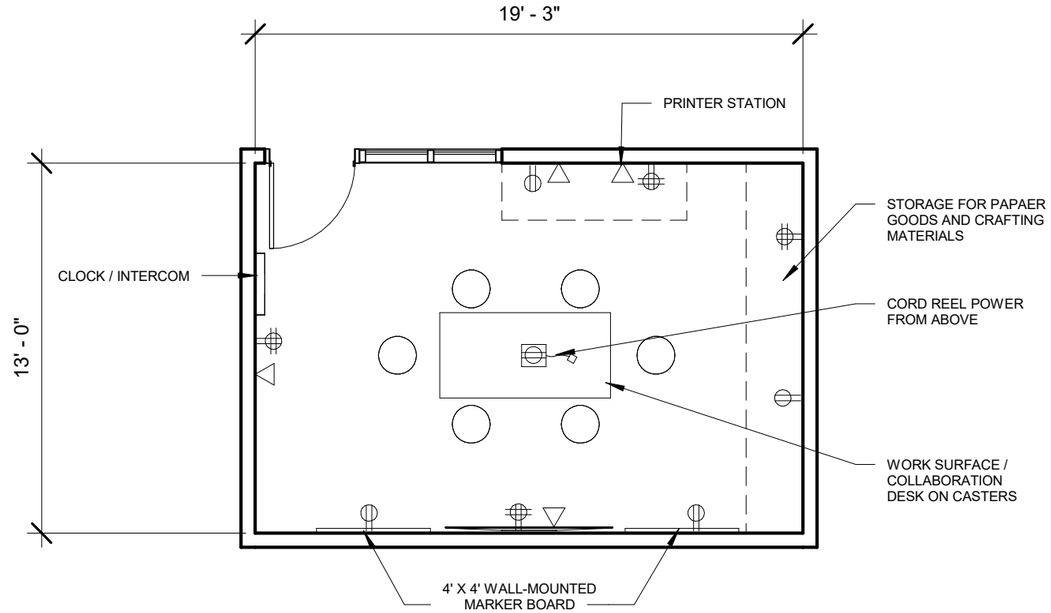
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.1.02B | EQUIPMENT STORAGE ROOM

SCALE: 3/16" = 1'-0"

405 SF



DESCRIPTION

Access from vestibule leading from student activity center.
Student leader meetings. Two 4' x 4' wall-mounted marker boards.
One data port per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. One quadraplex on each of two walls. One duplex outlet on each remaining wall. One ITV outlet.
One clock / intercom with call button 48" A.F.F. near the entrance door.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

Note: Use Acoustical Engineer for all spaces

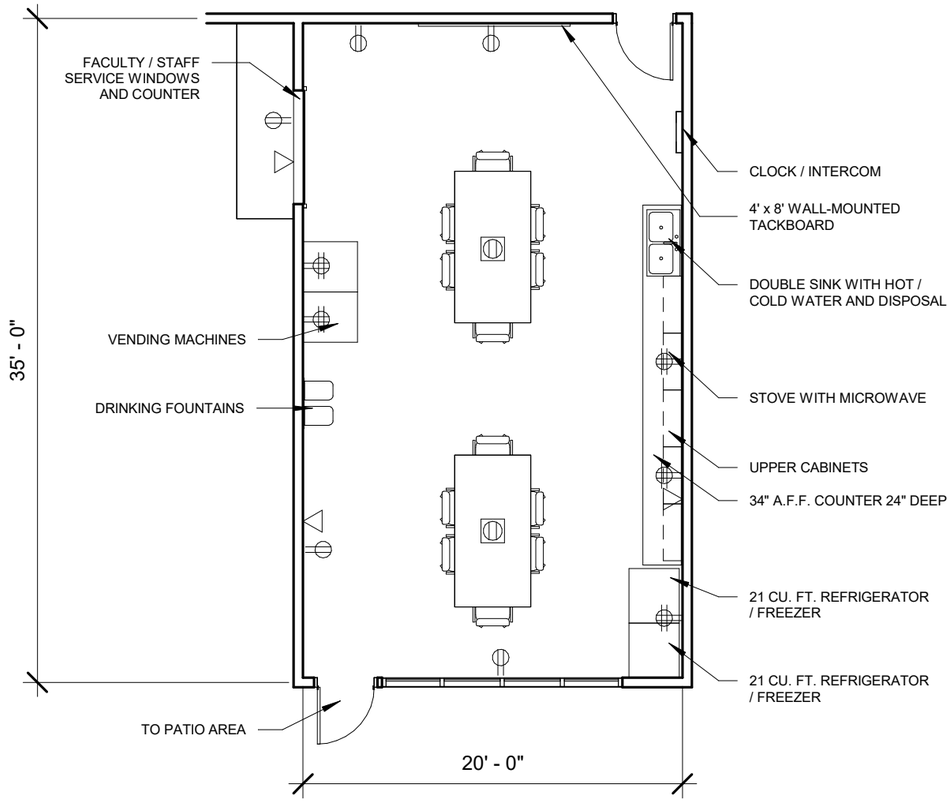
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.1.03 | STUDENT GOVERNMENT ROOM

SCALE: 3/16" = 1'-0"

250 SF



DESCRIPTION

Direct access served out of the kitchen. Isolate as much as possible from student traffic. One 4' x 8' wall-mounted tackboard. Built-in counter, 34" A.F.F., 24" deep, double sink with hot and cold water, disposal, abovecounter and undercounter storage, and three abovecounter duplex outlets for microwave, coffee pot, etc. Area and power for two large vending machines, stove/range (220v) with above stove space saver microwave with self contained range hood (CFCI), and two refrigerators/freezers (21 cu. ft.). Contractor to provide power for space saver microwave.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. Isobar surge protection for computer.
Two duplex outlets on each wall minimum or to code. One ITV outlet mounted at 18" A.F.F. with support duplex outlet in one corner of the room. One CTV outlet mounted at 18" A.F.F. with support duplex outlet in one corner of the room. One clock / intercom with call button 48" A.F.F. One refrigerated drinking fountain with 36" to spout and one HCP refrigerated drinking fountain with handicap access and push action for water. Power not to be daisy chained.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v / 220v
Data:	Yes
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

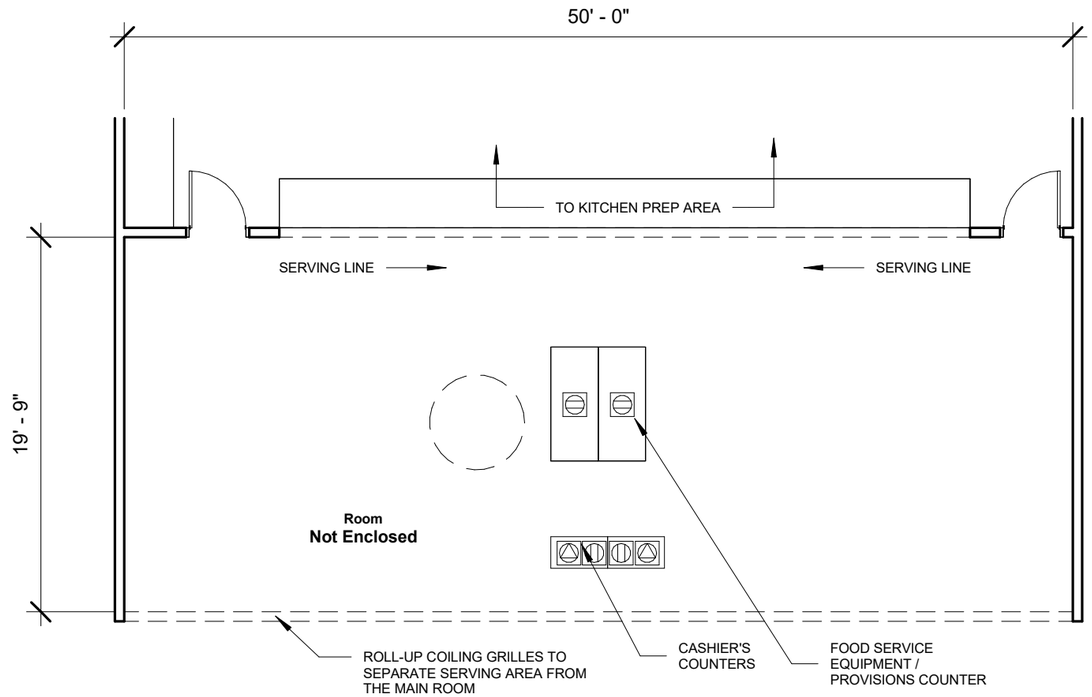
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.1.05 | FACULTY BREAK ROOM

SCALE: 1/8" = 1'-0"

700 SF



DESCRIPTION

Area should include entrance and exit guidance into the food service serving area from student activity center as determined by the CCSD kitchen consultant.Two stainless steel mobile island counters with four cashier stations which can be used for serving or isolated from the kitchen prep area and locked off from the student activity when not in use. Computer networking conduit with cable at all cashier stations with connections back to the kitchen manager's office and then back to the central computer rack per matrix. Duplex outlets with surge protection to support computers at each cashier's station.Data outlet at each cashier station.Electrical and plumbing connections to the serving islands per kitchen consultant.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v/240v
Data:	Yes
AV:	No

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Coiling Grille
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

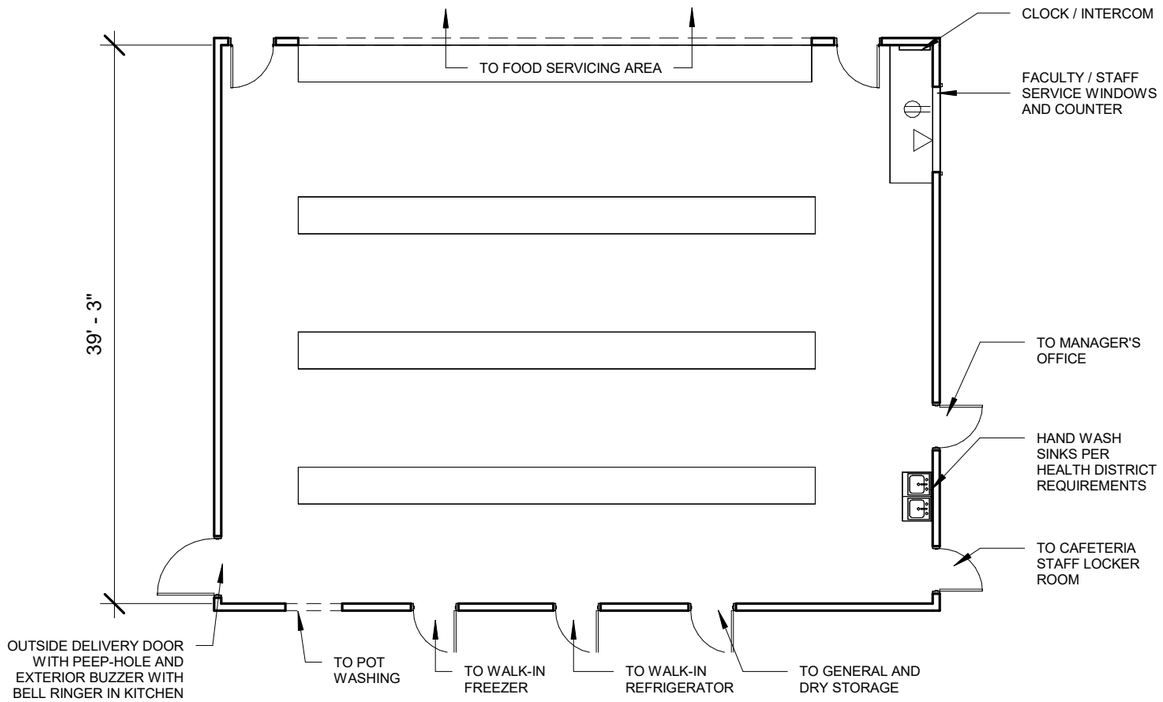
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.2.01 | FOOD SERVICING AREA

SCALE: 1/8" = 1'-0"

990 SF



DESCRIPTION

Rectangular area for food preparation and serving of 1,000 students each in three shifts. Serving of dinners and banquets. Kitchen layout to be determined by CCSD kitchen consultant. Bug eradicator unit above service door at the kitchen area for energy conservation and insect control during delivery of food items.Bell ringer in kitchen wired to manager's office. Built-in counter, 32" A.F.F., 32" deep with change drawer and undercounter storage with lockable roll-up double window for faculty/staff food sales with two duplex outlets and one data outlet with data connectors back to the kitchen manager's office and the central computer rack. All shelving and cupboards in food service, kitchen prep and pot washing areas must be made of stainless steel. (No plastic laminate casework in kitchen area.) Electrical requirements will be provided by kitchen consultant. Water and power for ice machine (CFCI).HCP electric water cooler. Phone outlets if required by Food Services. One clock 72" A.F.F.Secure area.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v /240v
Data:	Yes
AV:	No

CRITERIA

Floor:	Quarry tile
Walls:	FRP
STC Rating:	51
Ceiling:	Cleanable ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

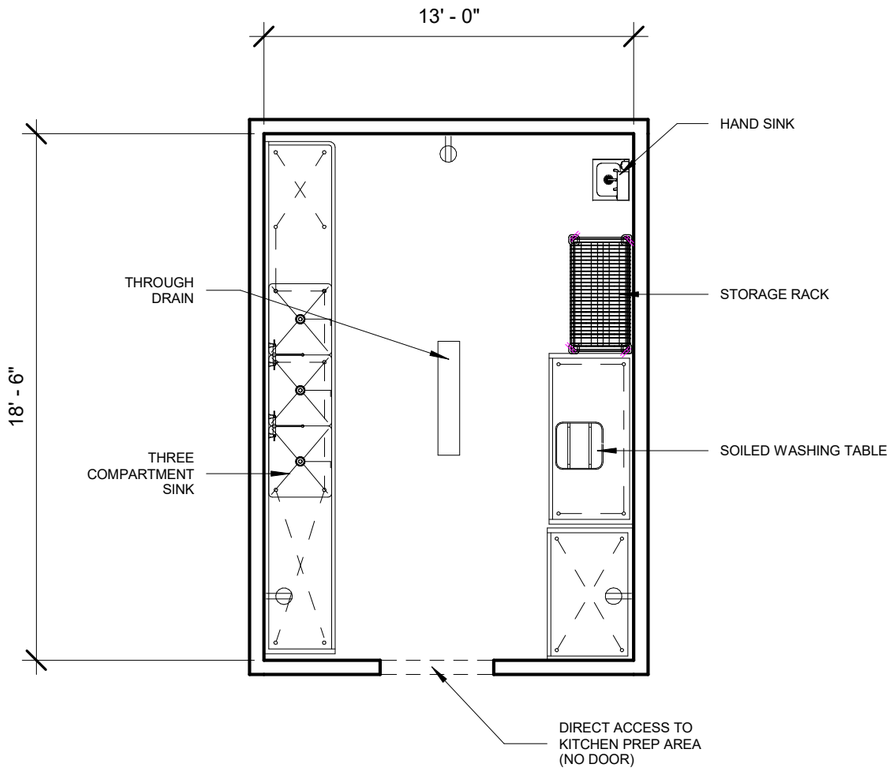
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.2.02 | KITCHEN PREP AREA

SCALE: 3/32" = 1'-0"

1,970 SF



DESCRIPTION

Direct access from Kitchen Prep Area.
Open type door entry to room (no door).

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

CRITERIA

Floor:	Quarry tile
Walls:	FRP
STC Rating:	51
Ceiling:	Cleanable ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

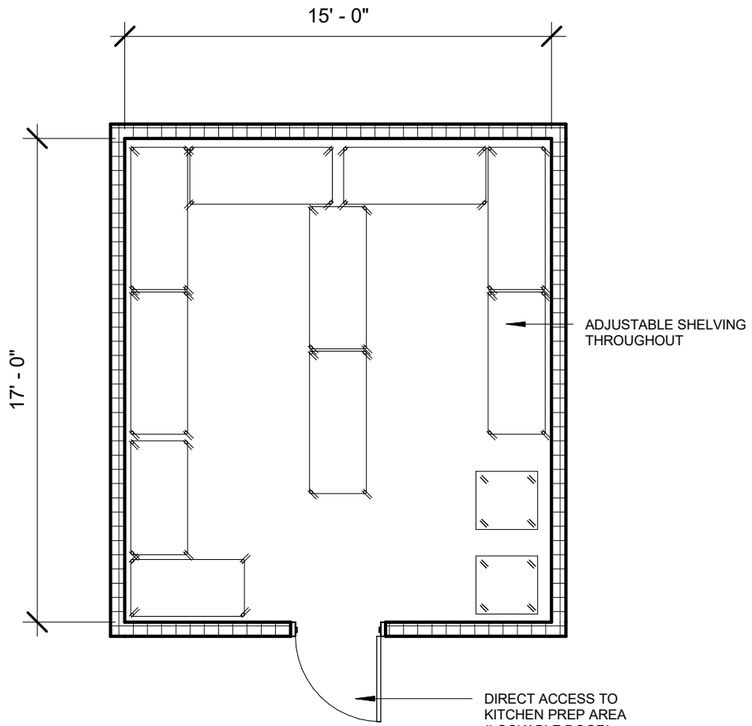
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.2.02A | POT WASHING

SCALE: 3/16" = 1'-0"

240 SF



DESCRIPTION

Direct access to Kitchen Prep Area.
Refrigerator should be long and narrow with adjustable shelving and lockable door. 38 degree food storage.
Temperature malfunction alarm.
Insulated walls and refrigerator door per CCSD Food Service guidelines.
No interior electrical panels.

CRITERIA

Floor:	Quarry tile
Walls:	FRP
STC Rating:	-
Ceiling:	Open to deck
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	-

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

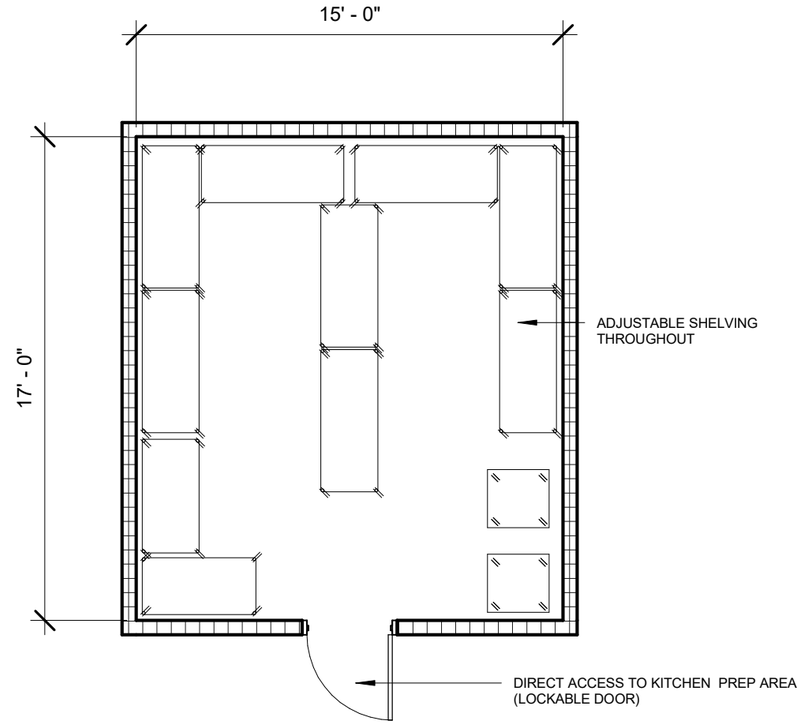
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.2.02B | WALK-IN REFRIGERATOR

SCALE: 3/16" = 1'-0"

260 SF



DESCRIPTION

Access through walk-in refrigerator.
Freezer should be long and narrow with adjustable shelving and lockable door. 0 degree food storage.
Temperature malfunction alarm.
Insulated walls and freezer door per CCSD Food Service guidelines.
No interior electrical panels.

CRITERIA

Floor:	Quarry tile
Walls:	FRP
STC Rating:	-
Ceiling:	Cleanable ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	-

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): -

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

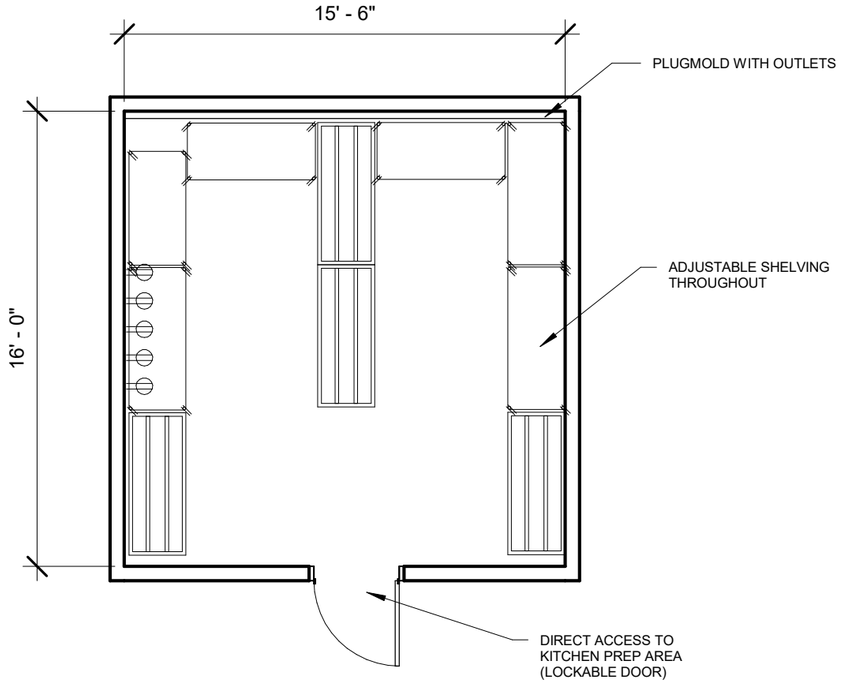
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.2.02C | WALK-IN FREEZER

SCALE: 3/16" = 1'-0"

260 SF



DESCRIPTION

Direct access to kitchen prep area.
Lockable door.
Rectangular or square area to allow adjustable shelving all around.
No interior electrical panels.
Provide plugmold on back wall with outlets to be located 12" O.C. for recharging equipment.
Power connections not to be daisy chained.

CRITERIA

Floor:	Quarry tile
Walls:	FRP
STC Rating:	-
Ceiling:	Cleanable ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	-

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): -

Plumbing:	No
Power:	110v
Data:	No
AV:	No

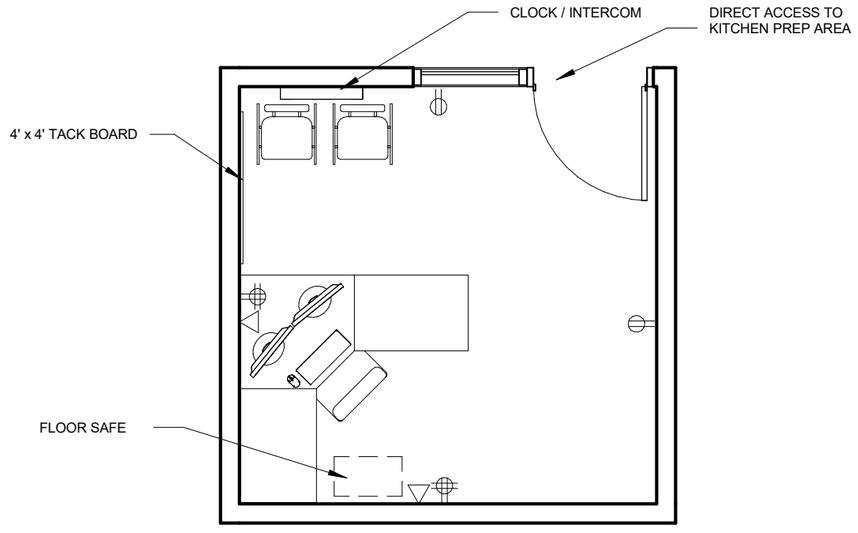
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.2.02D | GENERAL AND DRY STORAGE

SCALE: 3/16" = 1'-0"

245 SF



DESCRIPTION

Direct access to kitchen prep area.
Visual supervision of kitchen preparation.
One 4' x 4' wall-mounted tackboard.
Floor safe (approximately 2 cu. ft. prefer rectangular and maximum 12" below floor level).
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
One quadraplex outlet on each of two walls related to desk location and data ports.
One bell ringer for exterior delivery door.
One clock / intercom with call button near desk area.
Secure area.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

CRITERIA

Floor:	Quarry tile
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

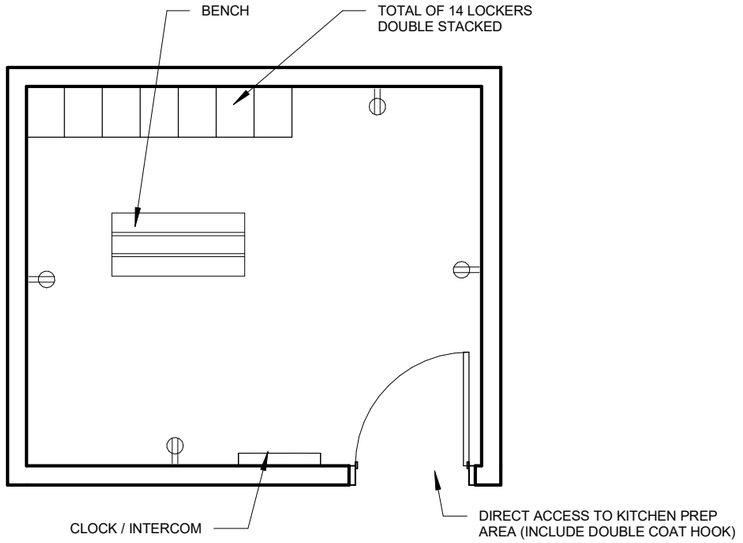
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.2.03 | OFFICE

SCALE: 3/16" = 1'-0"

120 SF



DESCRIPTION

Direct access from kitchen prep. Accessible by kitchen staff.
Support for seven full-time employees. Seven 12" wide x 16" deep x 60" high (double tier) athletic lockers (equals {14} 30" high lockers).
One double prong clothes hook on back of entrance door.
One clock / intercom near entrance door.

CRITERIA

Floor:	Quarry tile
Walls:	FRP
STC Rating:	51
Ceiling:	Cleanable ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	No
AV:	No

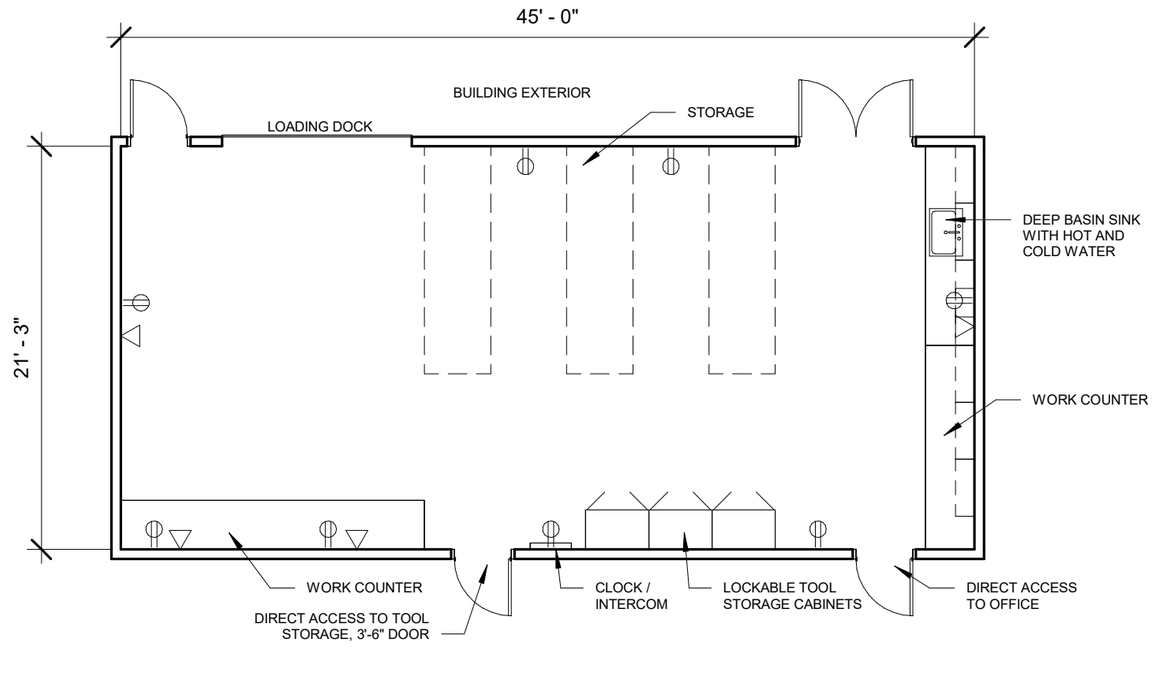
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.2.04 | CAFETERIA STAFF LOCKER ROOM

SCALE: 1/4" = 1'-0"

120 SF



DESCRIPTION

Outside access with one 3' wide normal door, one 10' wide roll-up door, and one double door.
Shop should be adjacent to the main school electrical, chiller, air compressor, and HVAC control/boiler room areas.
Repair area with 16' long 36" A.F.F. work counter with abovecounter electrical plugmold and undercounter storage (must support 5"machinist's vise). Provide lockable tool storage cabinet.
Duplex outlets every 20' on walls or as required by code. Power connections not to be daisy-chained.
Deep sink with hot and cold water.
One clock / intercom near the door.

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	Open to deck
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 40

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

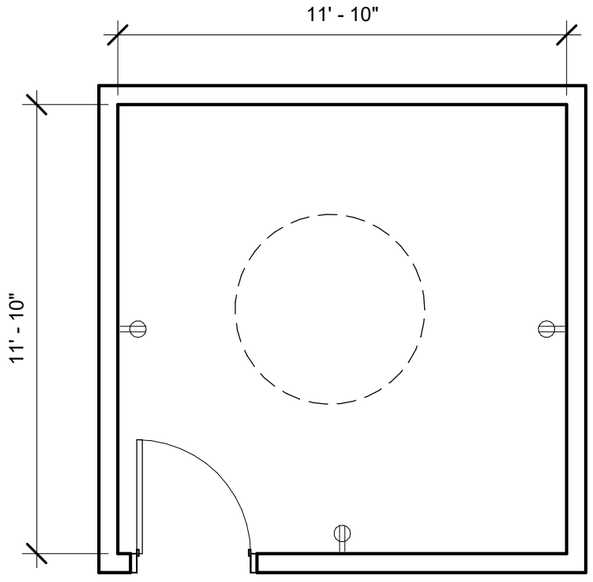
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.3.01 | GENERAL WORKSHOP

SCALE: 1/8" = 1'-0"

955 SF



4.3.01A | TOOL STORAGE ROOM

SCALE: 1/4" = 1'-0"

140 SF

DESCRIPTION

Direct access from general workshop.
One duplex outlet on three walls.

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	Open to deck
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

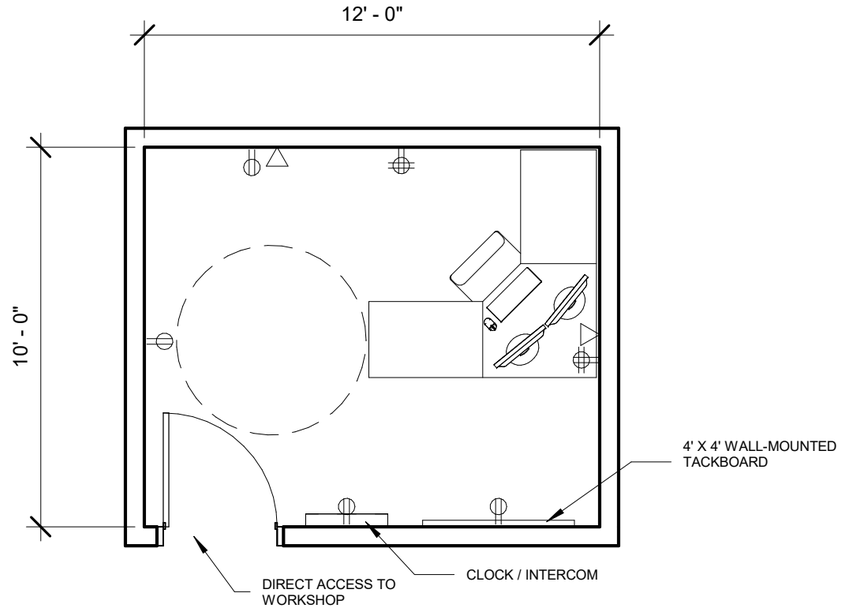
SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM



4.3.02 | OFFICE

SCALE: 1/4" = 1'-0"

120 SF

DESCRIPTION

Direct access from general workshop.
Maintenance and operations office.
One 4'x4' wall-mounted tackboard located near the entrance.
Two data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. Quadraplex outlets near data ports. One duplex outlet on walls without the quadraplex outlets.
One clock / intercom with call button 48" A.F.F.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

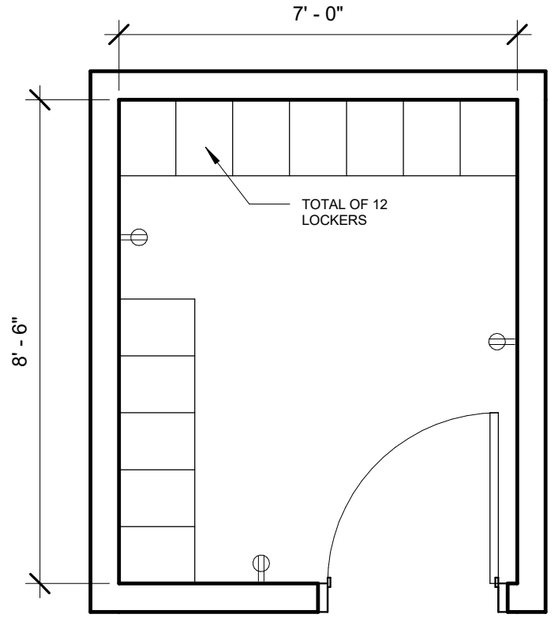
SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM



DESCRIPTION

Direct access from general workshop. (12) 16" deep x 12" wide x 72" high single tier lockers.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC:	Yes
Plumbing:	No
Power:	110v
Data:	No
AV:	No

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

4.3.02A | STAFF LOCKER AREA

SCALE: 3/8" = 1'-0"

60 SF

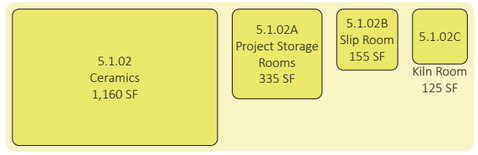
05 ARTS ACADEMY / FLEX

5.0	ARTS ACADEMY / FLEX			7,285	4		120		100
					Teaching		Capacity		Functional
5.1	**Arts Center / Exterior Art Yard**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Art Classroom	2	1,160	2,320	2	30	60	83%	50
	a. Project Storage Rooms	1	290	290	0		-		-
.02	Ceramics	1	1,160	1,160	1	30	30	83%	25
	a. Project Storage Rooms	1	335	335	0		-		-
	b. Slip Room	1	155	155	0		-		-
	c. Kiln Room	1	125	125	0		-		-
	d. Art Yard	1		0	0		-		-
.03	Electrical/Mechanical Room	1		0	0		-		-
				4,385	**3**		**90**		**75**

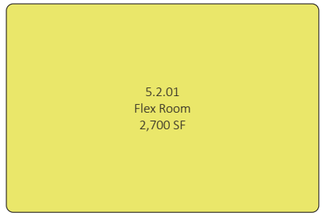
5.2	**Flex Room**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Flex Room	1	2,700	2,700	1	30	30	83%	25
				2.700	**1**		**30**		**25**

5.0 CONSUMER SCIENCE CENTER / ARTS ACADEMY / LECTURE ROOM

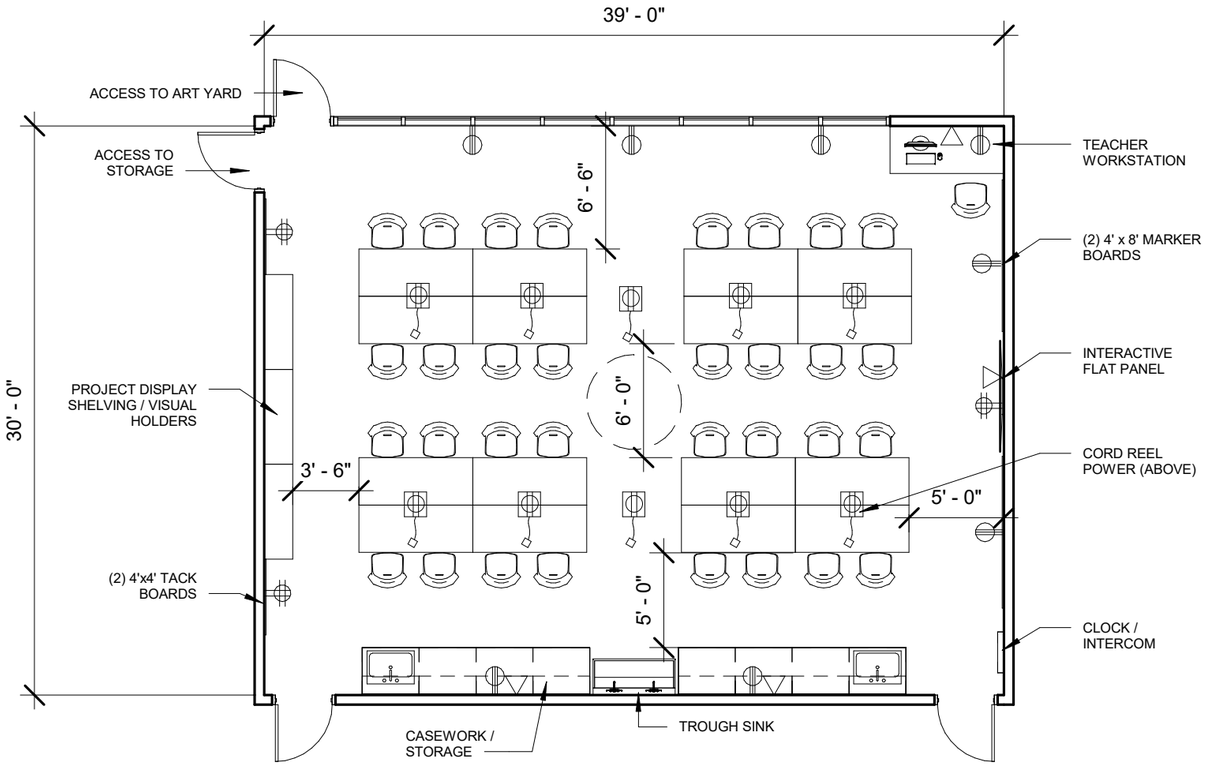
5.1 Arts Center / Exterior Art Yard



5.2 Lecture Center



ROOM DATA SHEETS



DESCRIPTION

Outdoor access to the exterior art yard.
Area for (16) 36" wide x 72" long x 30" high rectangular tables.
Two 8' Uneek Visual Holders.
Two 4' x 4' wall-mounted tackboard near the entrance.
Two 4' x 8' wall-mounted marker boards located at the front of the classroom.
One built-in work counter with four 20" deep sinks and one 6' long double spigot trough sink, both sink types to include sediment traps, hot and cold water, gooseneck type fixtures with washable splash boards on the wall behind the sink area 30" high with undercounter storage.
Three abovecounter duplex outlets (not over sinks).
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Three power outlets with quadraplex outlets related to data ports and additional power drops from ceiling.
One dedicated circuit 20 amp special purpose receptacle.
Provide power,data connections and wall blocking at interactive flat panel locations.
One clock / intercom with call button 48" A.F.F.
One 72" wide x 88" high x 14" deep two door cabinet with five adjustable shelves.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	20'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

SERVICES

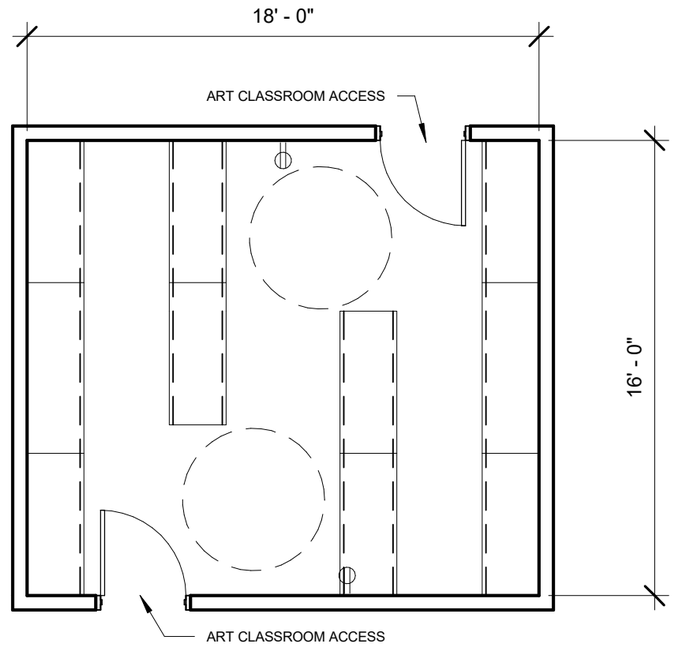
HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

5.1.01 | ART CLASSROOM

SCALE: 1/8" = 1'-0"

1,160 SF



DESCRIPTION

Direct access from art classrooms.
Rooms Storage of student project.
Two duplex outlets.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

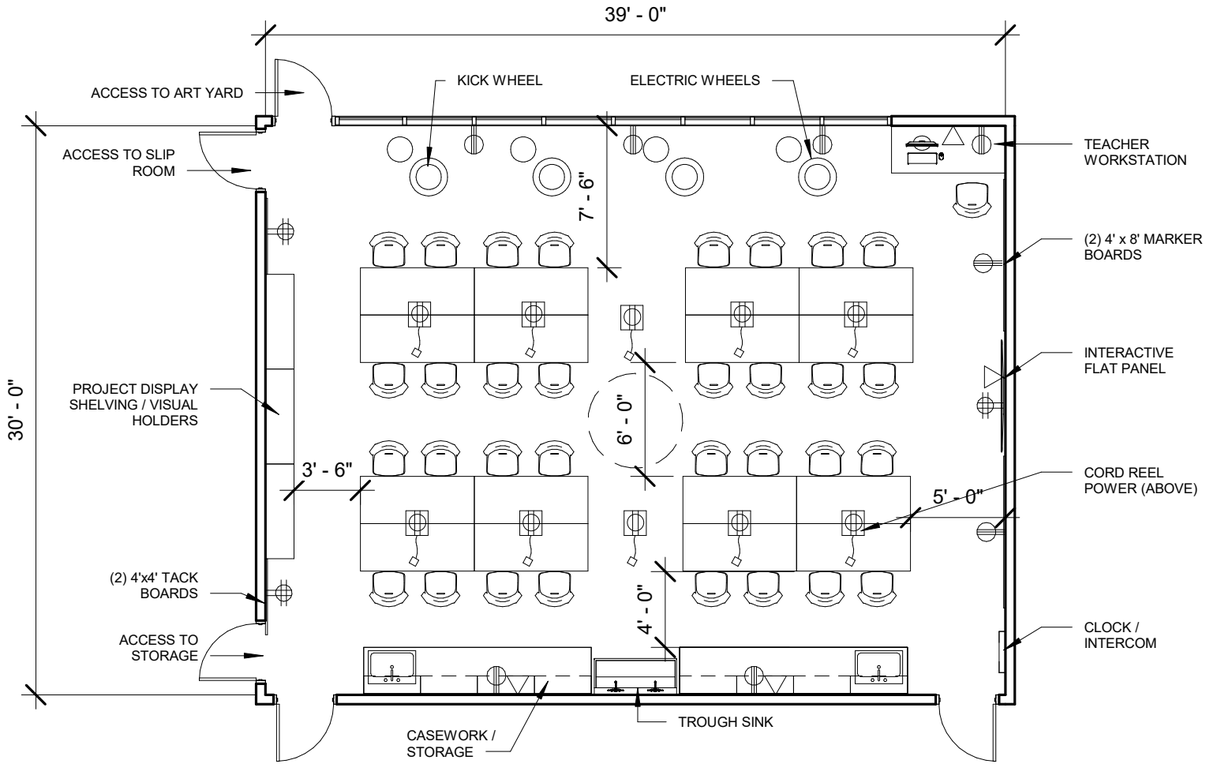
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

5.1.01A | PROJECT STORAGE ROOMS

SCALE: 3/16" = 1'-0"

290 SF



DESCRIPTION

Outdoor access to the exterior art yard.
Windows (natural light) with blinds facing courtyard.
Area for (16) 36" wide x 72" long x 30" high rectangular tables,
(1) kick wheel, and (3) electric wheels.
Two 8' Uneek Visual Holders.
Two 4' x 4' wall-mounted tackboards near the entrance.
Two 4' x 8' wall-mounted marker boards located
at the front of the classroom.
One built-in work counter with four 20" deep sinks and one
6' long double spigot trough sink, both sink types to include
sediment traps, hot and cold water, gooseneck type fixtures
with washable splash boards on the wall behind the sink area
30" high with undercounter storage.
Three abovecounter duplex outlets (not over sinks).
Data ports per current CCSD Standard premise wiring matrix
with conduit for computer networking with cable back to the
central computer rack.
Three power outlets with quadraplex outlets related to data
ports and additional duplex outlets on remaining walls.
Provide power,data connections and wall blocking at interactive flat
panel locations.
One dedicated circuit 20 amp special purpose receptacle.
One clock / intercom with call button 48" A.F.F.
One 72" wide x 88" high x 14" deep two door cabinet with five
adjustable shelves.

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	12'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SERVICES

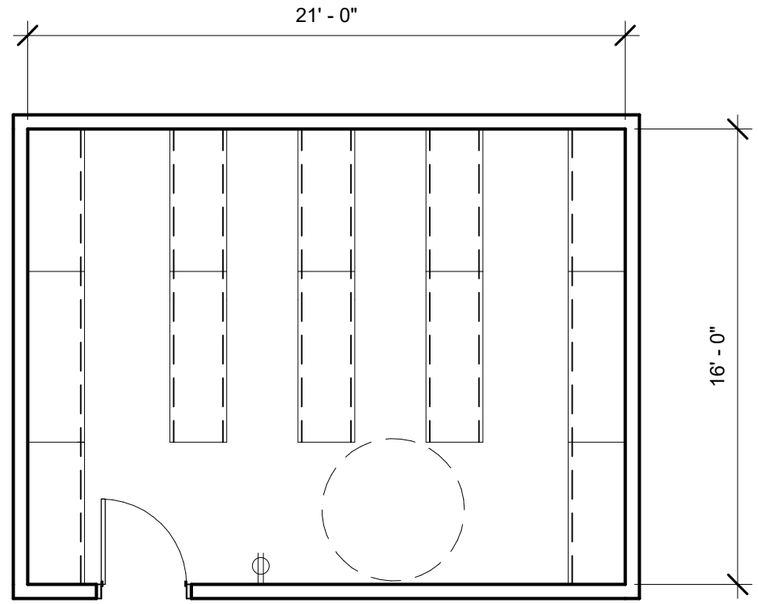
HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

5.1.02 | CERAMICS CLASSROOM

SCALE: 1/16" = 1'-0"

1,160 SF



DESCRIPTION

Direct access from Ceramics classroom.
Room Storage of textbooks, supplies, and student projects.
One duplex outlet.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

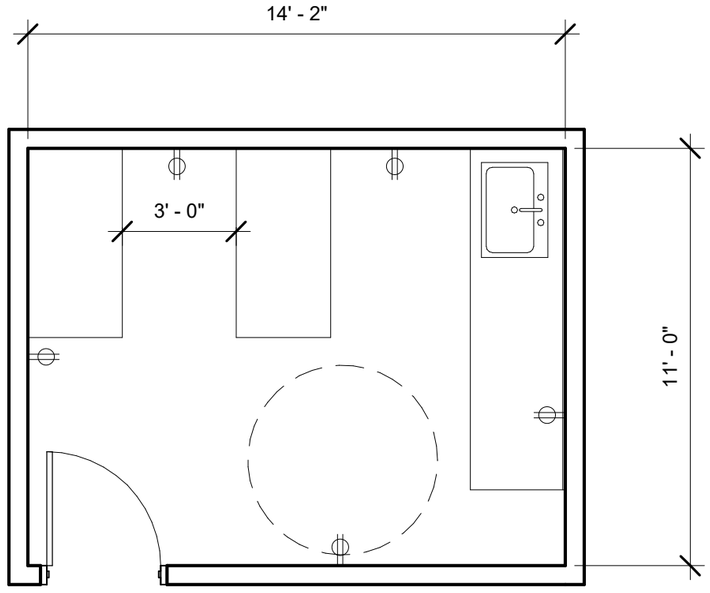
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

5.1.02A | PROJECT STORAGE ROOMS

SCALE: 3/16" = 1'-0"

335 SF



DESCRIPTION

Direct access from Ceramics classroom.
Area for two 19" x 20" wedging tables.
One 9' counter with 20" deep sink, hot and cold water, with clay trap.
One duplex outlet over counter.
Four duplex outlets on other walls.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

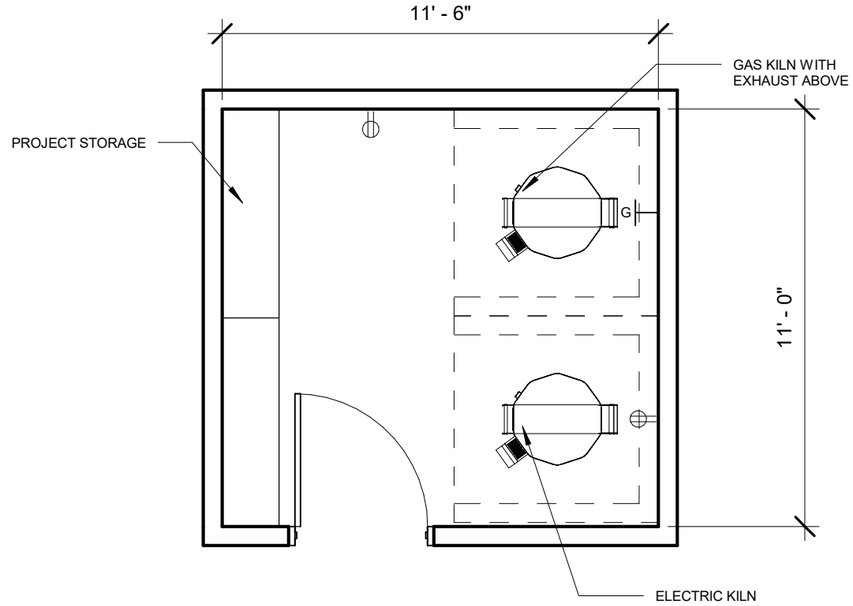
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

5.1.02B | SLIP ROOM

SCALE: 1/4" = 1'-0"

155 SF



DESCRIPTION

Access from art classrooms and ceramics classroom.
Provide one electrical kiln and one gas kiln.
Gas kiln needs exhaust stack vented through the roof.
Appropriate venting and cover for the kilns are necessary.
Appropriate location spacing to meet local city fire department code/requirements interpretation.

CRITERIA

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	12'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v /240v, gas hookup
Data:	No
AV:	No

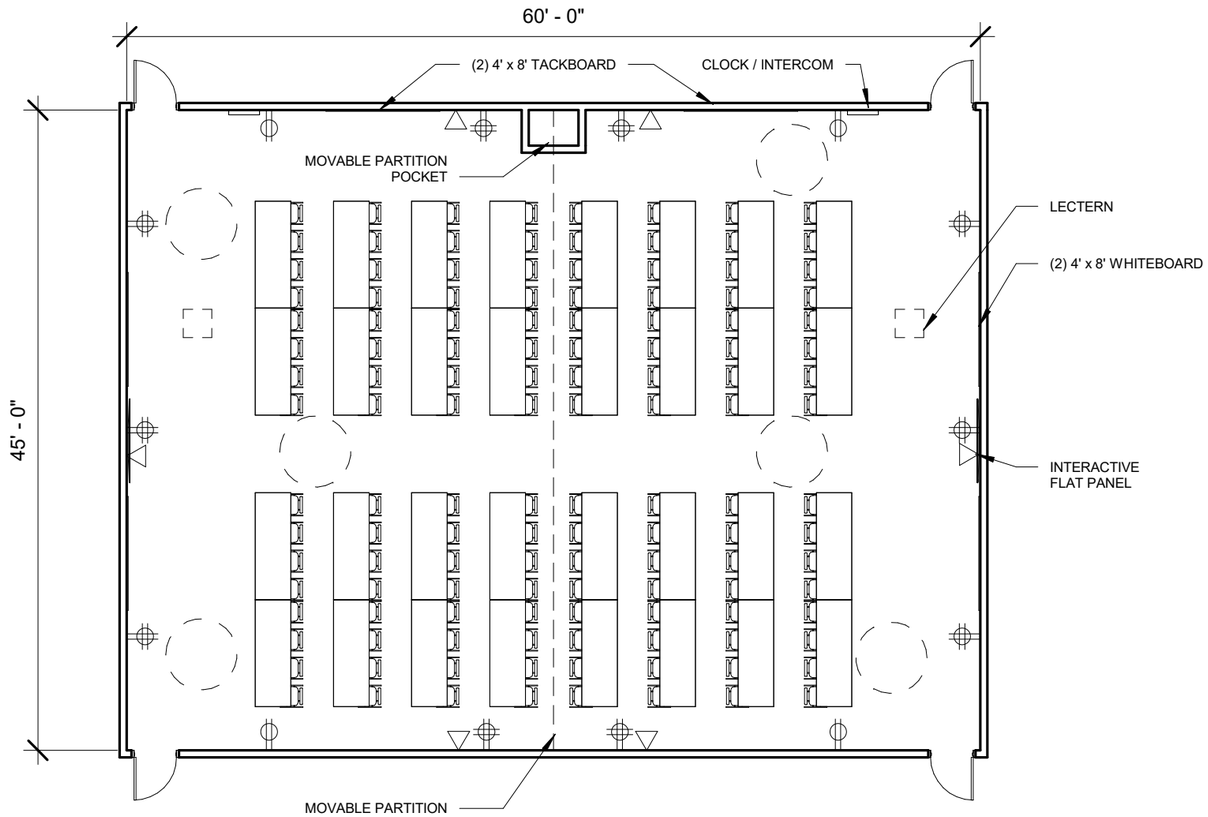
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

5.1.02C | KILN ROOM

SCALE: 3/16" = 1'-0"

125 SF



DESCRIPTION

Divisible to two 1350 SF rooms.
Flexible seating.
Include a P.A. system with a plug-in outlet.
Two 4' x 8' wall-mounted tackboards and two 4' x 8' wall-mounted marker boards located at the front of the room, on each side of divisible space.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Minimum of one quadraplex outlet on front wall.
One duplex outlet every 15' on walls.
Provide power,data connections and backing at interactive flat panel locations on each side of divisible space.
One clock intercom with call button 48" A.F.F on each side of divisible space.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

5.2.01 | FLEX ROOM

SCALE: 3/32" = 1'-0"

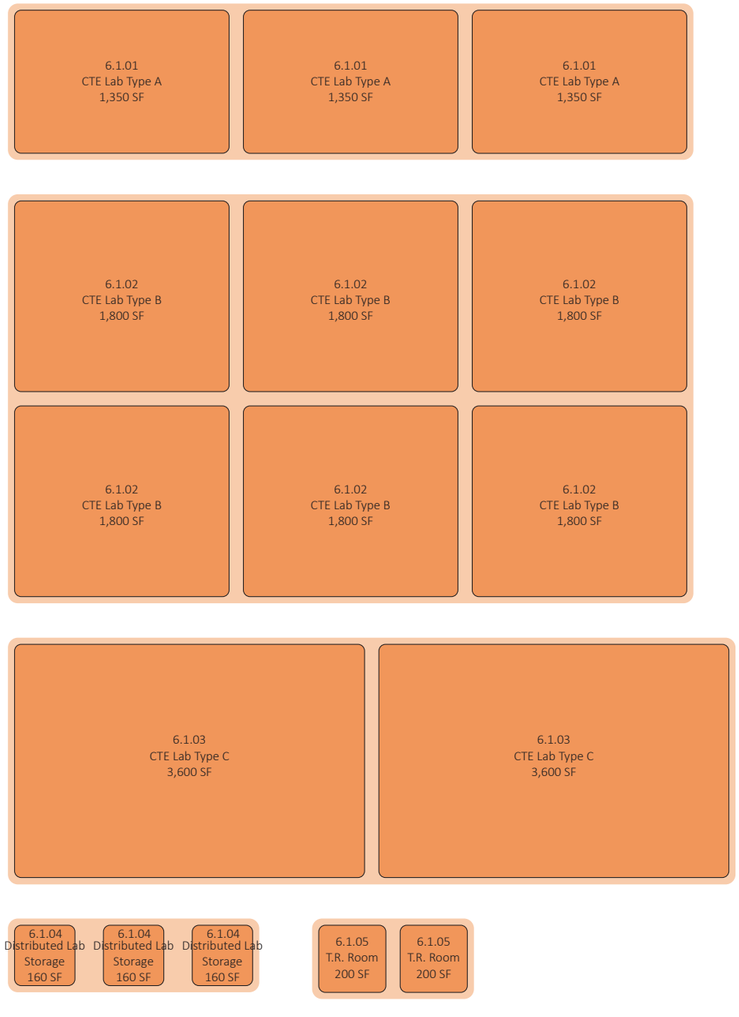
2,700 SF

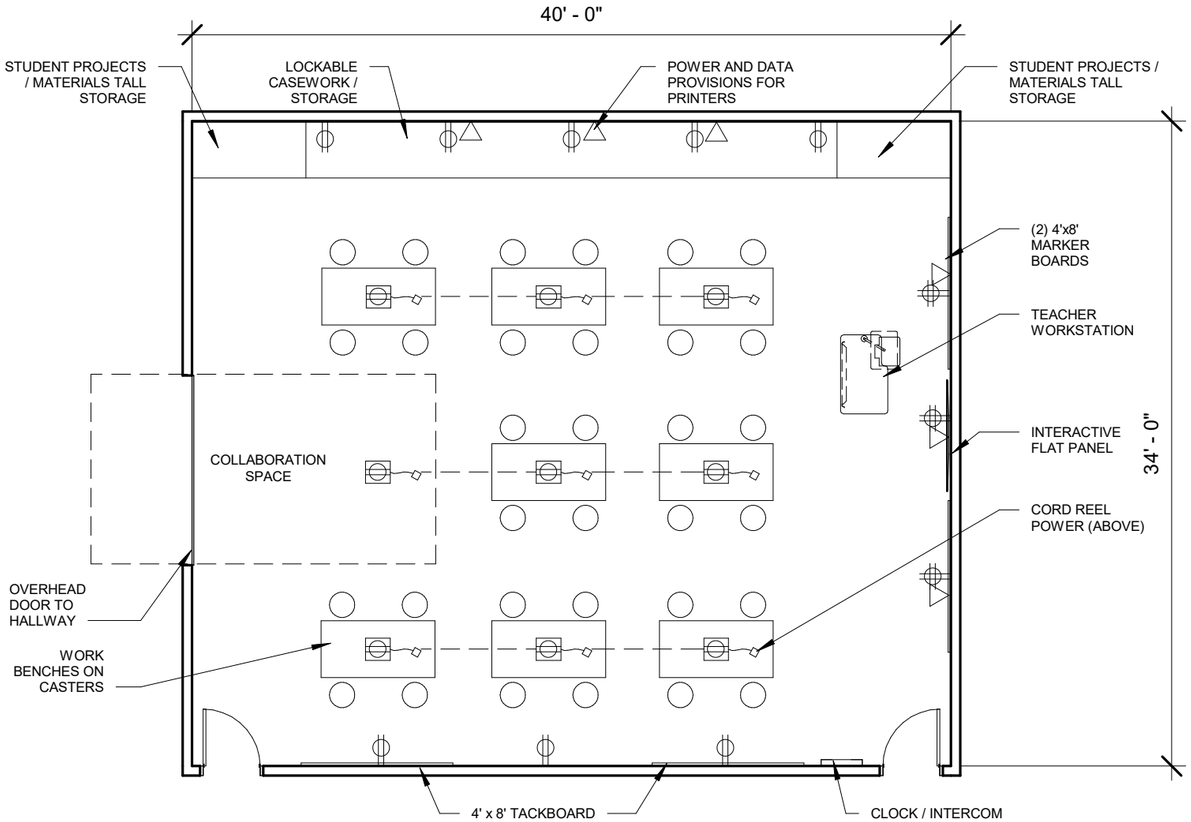
06 VOCATIONAL TECHNOLOGIES

6.0	VOCATIONAL TECHNOLOGIES			22,930	11		330		275
6.1	CTE Program	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	CTE lab Type A	3	1,350	4,050	3	30	90	83%	75
.02	CTE lab Type B	6	1,800	10,800	6	30	180	83%	150
.03	CTE lab Type C	2	3,600	7,200	2	30	60	83%	50
.04	Distributed lab storage	3	160	480	0		-		-
.05	T.R. Room	2	200	400	0		-		-
				22,930	**11**		**330**		**275**

6.0 VOCATIONAL TECHNOLOGIES

6.1 CTE Program (Gia & Alaina)





DESCRIPTION

Technology ready instruction with collaboration space - 3 classrooms. Ample power,data and AV ready. Floor boxes and/or overhead cord reel power. Two 4x8 tackboards and two 4x8 marker boards.
Provide power,data connections and wall blocking at interactive flat panel locations.
One clock / intercom with call button 48" A.F.F.

POTENTIAL PROGRAMS

Accounting & Finance
Administrative Services
Business Management
Community Health Service
Cosmetology
Criminal Justice
Early Childhood Education
Fire Science
Foods & Nutrition
Health Information Management
High School of Business
Hospitality & Tourism
Hospitality & Tourism-NAF
Interior Design
Law Enforcement
Marketing
Mechanical Engineering
Military Science
Multimedia Communications
NAF Academy of Finance
Photography
Radio Production
Respiratory Science
Teaching & Training

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

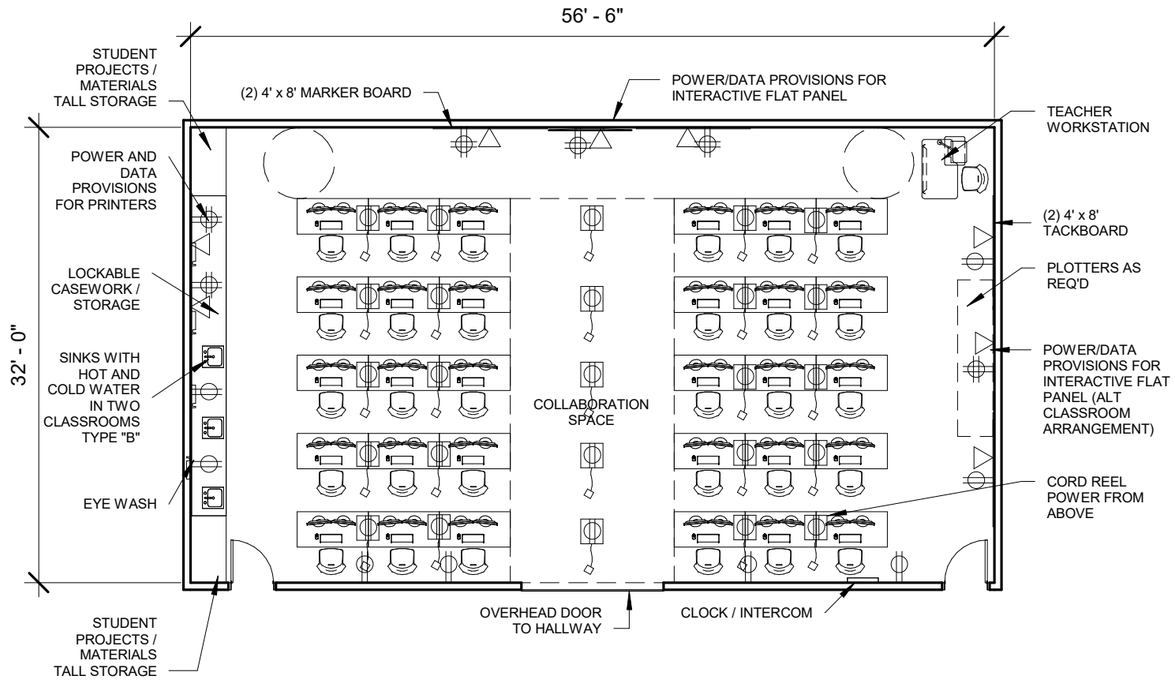
RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

6.1.01 | CTE LAB TYPE A

SCALE: 1/8" = 1'-0"

1,350 SF

ROOM DATA SHEETS



DESCRIPTION

Technology ready instruction - heavy computer and media load - 6 classrooms. Ample power,data and AV ready. Floor boxes and/or overhead cord reel power.
Provide sink with hot and cold water in two of the six classrooms.
Two 4'x8' wall mounted tack boards and two 4'x8' marker boards.
Provide power,data connections and wall blocking at interactive flat panel locations.
One clock / intercom with call button 48" A.F.F.

POTENTIAL PROGRAMS

Aerospace Engineering
Animation
Architectural & Civil Engineering
Architectural Design
Aviation Technology
Baking & Pastry
Biomedical
Biomedical PLTW
Computer Science
Culinary Arts
Cybersecurity
Dental Science
Digital Game Development
Drafting & Design
Electronic Technology
Emergency Medical Technician
Emergency Telecommunications
Fashion, Textiles & Design
Forensic Science
Graphic Design
IT Networking/CISCO
Mechanical Engineering
Medical Assisting
Nursing Assistant
Pharmacy Practice
Plant Systems
Sports Medicine
Video Production
Web Design & Development

FINISHES

Floor:	VCT - Static dissipative
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

SERVICES

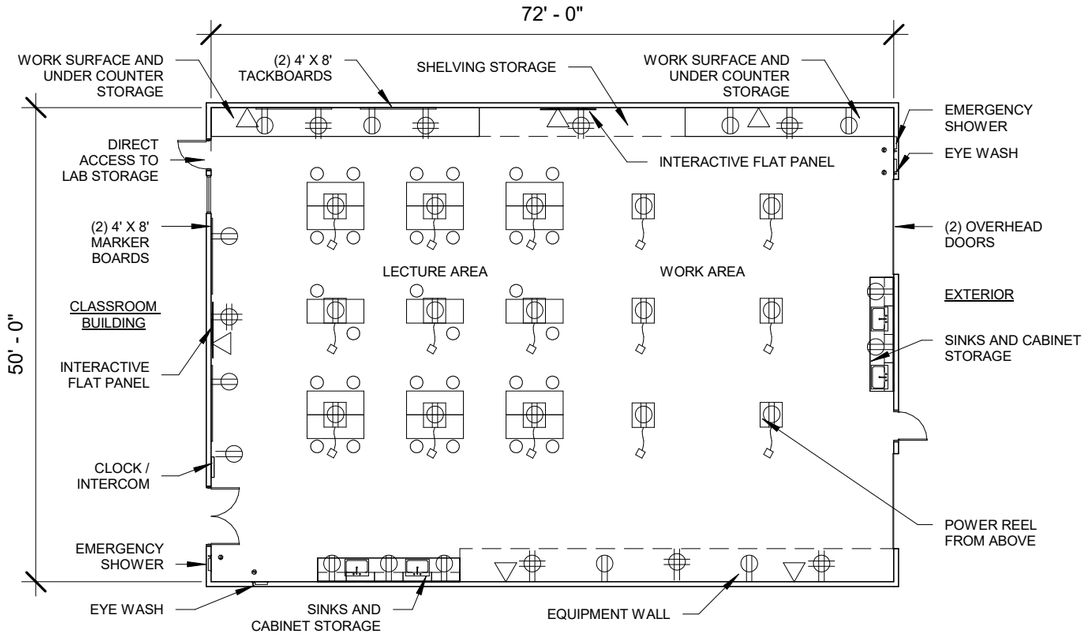
HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes/No
Power:	110v
Data:	Yes
AV:	Yes

6.1.02 | CTE LAB TYPE B

SCALE: 3/32" = 1'-0"

1,800 SF



DESCRIPTION

High bay space.
Provide sink with hot and cold water, emergency showers.
Two 4'x8' wall mounted tack boards and two 4'x8' marker boards.
Movable work stations on casters with ceiling mounted electrical outlets.
Provide power,data connections and wall blocking at interactive flat panel locations.
Ample power,data and AV ready for instructional tools and other equipment. Two air lines for pneumatic tools at work surface perimeter area. Work area with ceiling-mounted electrical and air outlets.
Connection for 220v/3/60 dust collection system on equipment wall.
One clock / intercom with call button 48" A.F.F.
Visual supervision of lab storage.

POTENTIAL PROGRAMS

Agricultural Mechanics
Technology
Animal Systems
Automotive Technology
Aviation Maintenance
Technician
Construction Technology
Furniture & Cabinetmaking
Heating and Air Conditioning
Industrial Maintenance
Manufacturig Technologies
Mechanical Technology
Theatre Technology
Welding Technology

FINISHES

Floor:	Seamless epoxy flooring
Walls:	Paint
STC Rating:	51
Ceiling:	Open
Height:	15'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

SERVICES

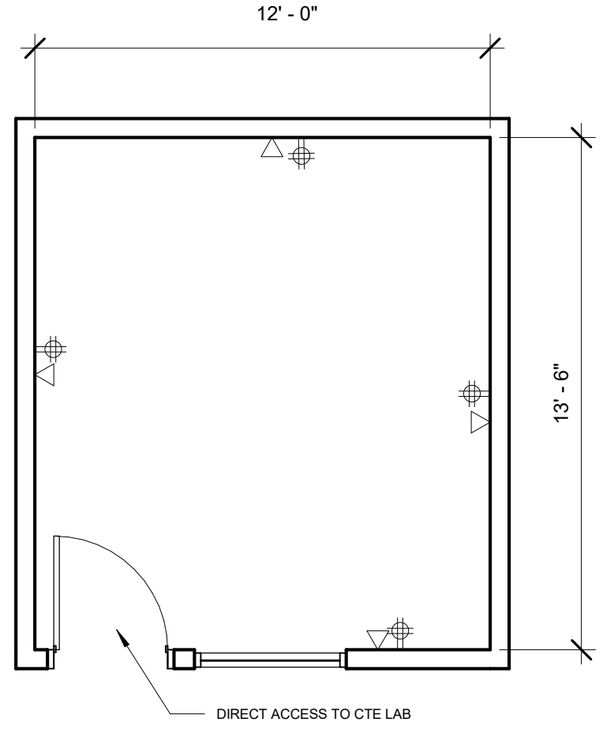
HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v/220v/3 phase
Data:	Yes
AV:	Yes

6.1.03 | CTE LAB TYPE C

SCALE: 1/16" = 1'-0"

3,600 SF



DESCRIPTION

CTE storage buffers between labs, 3 rooms total.
Power for charging devices and three data port.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

6.1.04 | DISTRIBUTED LAB STORAGE

SCALE: 1/8" = 1'-0"

160 SF

LEARNING COMMUNITIES

7.0	LEARNING COMMUNITY - ONE			16,100	16		441		368
					Teaching		Capacity		Functional
7.1	**Administration**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Office	2	120	240	0		-		-
.02	Staff General Use Restroom	1		0	0		-		-
.03	Electrical Room	1		0	0		-		-
.04	Teacher's Workroom	1	400	400	0		-		-
.05	Conference Room	1	300	300	0		-		-
				940	**0**		**0**		**0**

7.2	**Classrooms**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Generic Classroom	13	900	11,700	13	30	390	83%	325
.02	Flex Lab / Classroom	1	1,800	1,800	1	30	30	83%	25
.03	Resource Classroom	1	600	600	1	12	12	83%	10
.04	Self-Contained	1	900	900	1	9	9	83%	8
	a. Restroom	1		0	0		-		-
	b. Storage	1	60	60	0		-		-
.05	Student General Use Restroom	1		0	0		-		-
.06	Custodial Storage Room	1	100	100	0		-		-
.07	Fire Riser Room	1		0	0		-		-
				15,160	**16**		**441**		**368**

8.0	LEARNING COMMUNITY - TWO			16,000	16		441		368
					Teaching		Capacity		Functional
8.1	**Administration**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Office	2	120	240	0		-		-
.02	Staff Restroom	1		0	0		-		-
.03	Electrical Room	1		0	0		-		-
.04	Teacher's Workroom	1	400	400	0		-		-
.05	Conference Room	1	300	300	0		-		-
				940	**0**		**0**		**0**

8.2	**Classrooms**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Generic Classroom	13	900	11,700	13	30	390	83%	325
.02	Flex Lab / Classroom	1	1,800	1,800	1	30	30	83%	25
.03	Resource Classroom	1	600	600	1	12	12	83%	10
.04	Self-Contained	1	900	900	1	9	9	83%	8
	a. Restroom	1		0	0		-		-
	b. Storage	1	60	60	0		-		-
.05	Student Restroom	1		0	0		-		-
.06	Elevator Machine Room	1		0	0		-		-
.07	Elevators	2		0	0		-		-
				15,060	**16**		**441**		**368**

11.0	LEARNING COMMUNITY - THREE			15,300	15		393		328
11.1	**Administration**	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	Office	2	120	240	0		-		-
.02	Staff Restroom	1		0	0		-		-
.03	Electrical Room	1		0	0		-		-
.04	T.R. Room	2	200	400	0		-		-
.05	Teacher's Workroom	1	400	400	0		-		-
.06	Conference Room	1	300	300	0		-		-
				1,340	**0**		**0**		**0**
11.2	**Classrooms**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Generic Classroom	11	900	9,900	11	30	330	83%	275
.02	Flex Lab / Classroom	1	1,800	1,800	1	30	30	83%	25
.03	Resource Classroom	2	600	1,200	2	12	24	83%	20
.04	Self-Contained	1	900	900	1	9	9	83%	8
	a. Restroom	1		0	0		-		-
	b. Storage	1	60	60	0		-		-
.05	Student Restroom	1		0	0		-		-
.06	Custodial Storage Room	1	100	100	0		-		-
.07	Fire Riser Room	1		0	0		-		-
				13,960	**15**		**393**		**328**

12.0	LEARNING COMMUNITY - FOUR			15,300	15		393		328
12.1	**Administration**	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	Office	2	120	240	0		-		-
.02	Staff Restroom	1		0	0		-		-
.03	Electrical Room	1		0	0		-		-
.04	T.R. Room	2	200	400	0		-		-
.05	Teacher's Workroom	1	400	400	0		-		-
.06	Conference Room	1	300	300	0		-		-
				1,340	**0**		**0**		**0**
12.2	**Classrooms**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Generic Classroom	11	900	9,900	11	30	330	83%	275
.02	Flex Lab / Classroom	1	1,800	1,800	1	30	30	83%	25
.03	Resource Classroom	2	600	1,200	2	12	24	83%	20
.04	Self-Contained	1	900	900	1	9	9	83%	8
	a. Restroom	1		0	0		-		-
	b. Storage	1	60	60	0		-		-
.05	Student Restroom	1		0	0		-		-
.06	Custodial Storage Room	1	100	100	0		-		-
.07	Elevators	2		0	0		-		-
				13,960	**15**		**393**		**328**

LEARNING COMMUNITIES

7.0 LEARNING COMMUNITY - ONE

7.1 Administration

7.1.01 Office 120 SF
7.1.01 Office 120 SF
7.1.04 Teacher's Workroom 400 SF
7.1.05 Conference Room 300 SF

7.2 Classrooms, Computer / Business Lab

7.2.01 Generic Classroom 900 SF (×13)
7.2.02 Flex Lab/Classroom 1,800 SF
7.2.03 Resource Classroom 600 SF
7.2.04 Self-Contained 900 SF
7.2.04B Storage 60 SF
7.2.06 Custodial Storage Room 100 SF

8.0 LEARNING COMMUNITY - TWO

8.1 Administration

8.1.01 Office 120 SF
8.1.01 Office 120 SF
8.1.04 Teacher's Workroom 400 SF
8.1.05 Conference Room 300 SF

8.2 Classrooms

8.2.01 Generic Classroom 900 SF (×13)
8.2.02 Flex Lab/Classroom 1,800 SF
8.2.03 Resource Classroom 600 SF
8.2.04 Self-Contained 900 SF
8.2.04B Storage 60 SF

11.0 LEARNING COMMUNITY - THREE

11.1 Administration

11.1.01 Office 120 SF
11.1.01 Office 120 SF
11.1.04 T.R. Room 200 SF
11.1.04 T.R. Room 200 SF
11.1.05 Teacher's Workroom 400 SF
11.1.06 Conference Room 300 SF

11.2 Classrooms

11.2.01 Generic Classroom 900 SF (×11)
11.2.02 Flex Lab/Classroom 1,800 SF
11.2.03 Resource Classroom 600 SF
11.2.03 Resource Classroom 600 SF
11.2.04 Self-Contained 900 SF
11.2.04B Storage 60 SF
11.2.06 Custodial Storage Room 100 SF

12.0 LEARNING COMMUNITY - FOUR

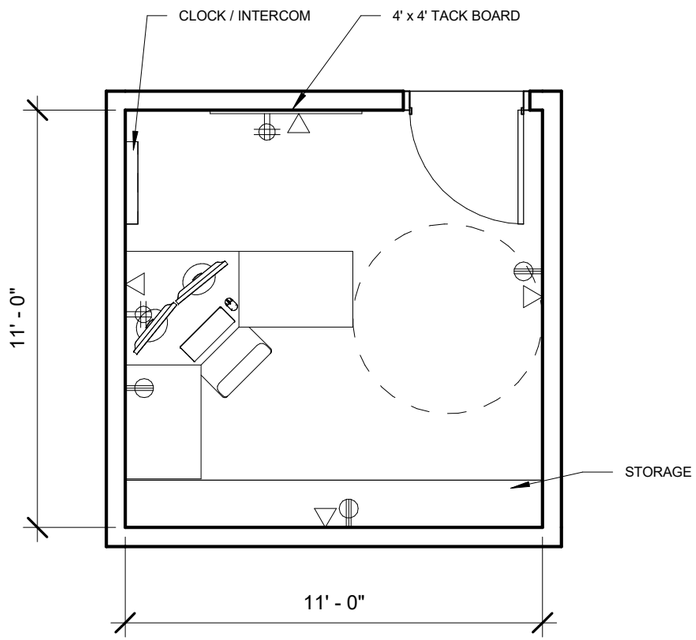
12.1 Administration

12.1.01 Office 120 SF
12.1.01 Office 120 SF
12.1.04 T.R. Room 200 SF
12.1.04 T.R. Room 200 SF
12.1.05 Teacher's Workroom 400 SF
12.1.06 Conference Room 300 SF

12.2 Classrooms

12.2.01 Generic Classroom 900 SF (×11)
12.2.02 Flex Lab/Classroom 1,800 SF
12.2.03 Resource Classroom 600 SF
12.2.03 Resource Classroom 600 SF
12.2.04 Self-Contained 900 SF
12.2.04B Storage 60 SF
12.2.06 Custodial Storage Room 100 SF

ROOM DATA SHEETS



DESCRIPTION

One 4' x 4' wall-mounted tackboard near the entrance.
One data ports per current CCSD standard premise wiring matrix with conduit for computer networking with cable on each wall back to the central computer rack. Quadraplex outlets related to data ports and additional duplex outlets on each wall.
One ITV outlet. One CTV outlet.
One clock / intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

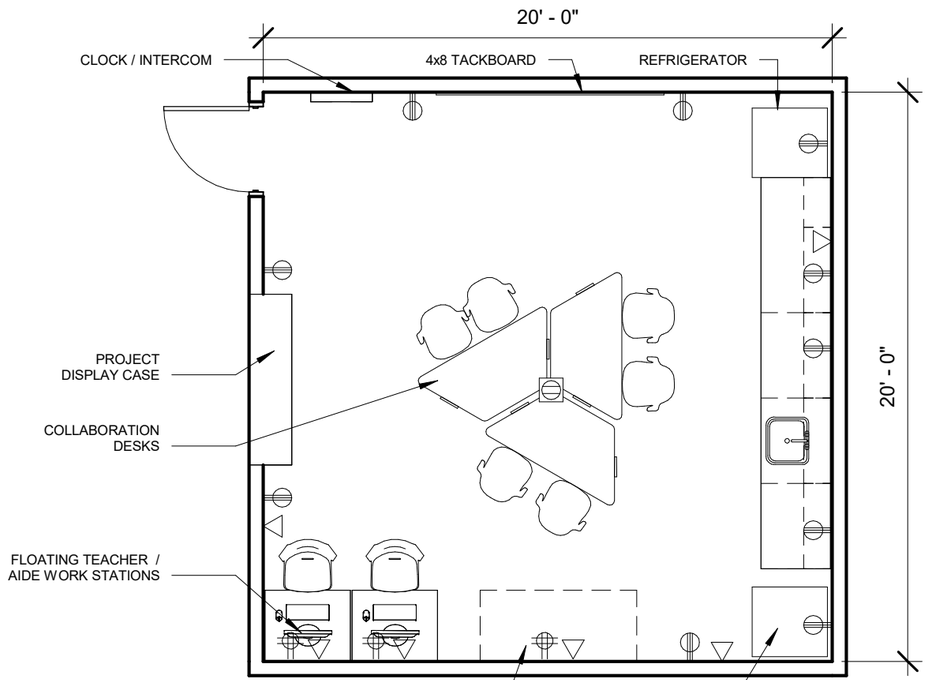
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/4" = 1'-0"

7.1.01, 8.1.01, 11.1.01, 12.1.01 | OFFICE

120 SF



DESCRIPTION

Teacher preparation area.
Designate one wall to provide and embed a display case visible to students in hallway 48" w x 88" h x 14" d with five adjustable shelves for student projects.
One 4' x 8' wall-mounted tackboard near the entrance above the counter.
One 10' built-in work counter with sink, hot/cold water, and under counter storage. Electrical for copy machine. Electrical not to be daisy-chained.
Six data ports per current CCSD standard premise wiring matrix with conduit for computer networking with cable on each wall back to the central computer rack. Quadraplex outlets related to data ports and additional duplex outlets on each wall.
Two floor mounted duplex outlets in each center half of room. One ITV outlet. One CTV outlet.
One clock / intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

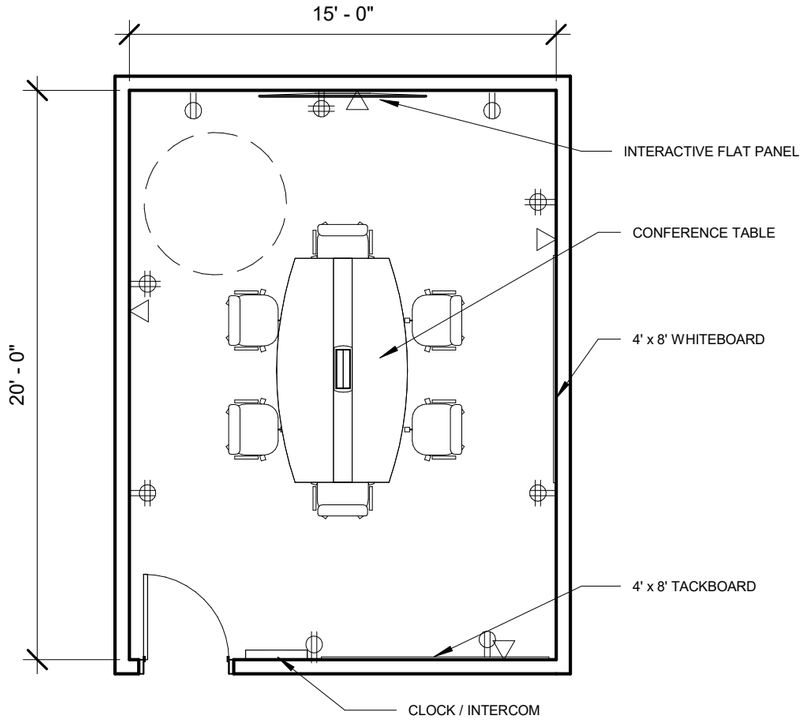
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 3/16" = 1'-0"

7.1.04, 8.1.04, 11.1.05, 12.1.05 | TEACHER'S WORKROOM

400 SF



DESCRIPTION

One 4' x 8' wall-mounted tackboard. One 4' x 8' wall-mounted marker board.
Provide power,data connections and wall blocking at interactive flat panel locations.
One data port on each of two side walls per current CCSD standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. One quadraplex outlet on each of two walls. One additional duplex outlet on each wall.
One clock / intercom located by the entrance door.
Sound attenuation and isolation.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

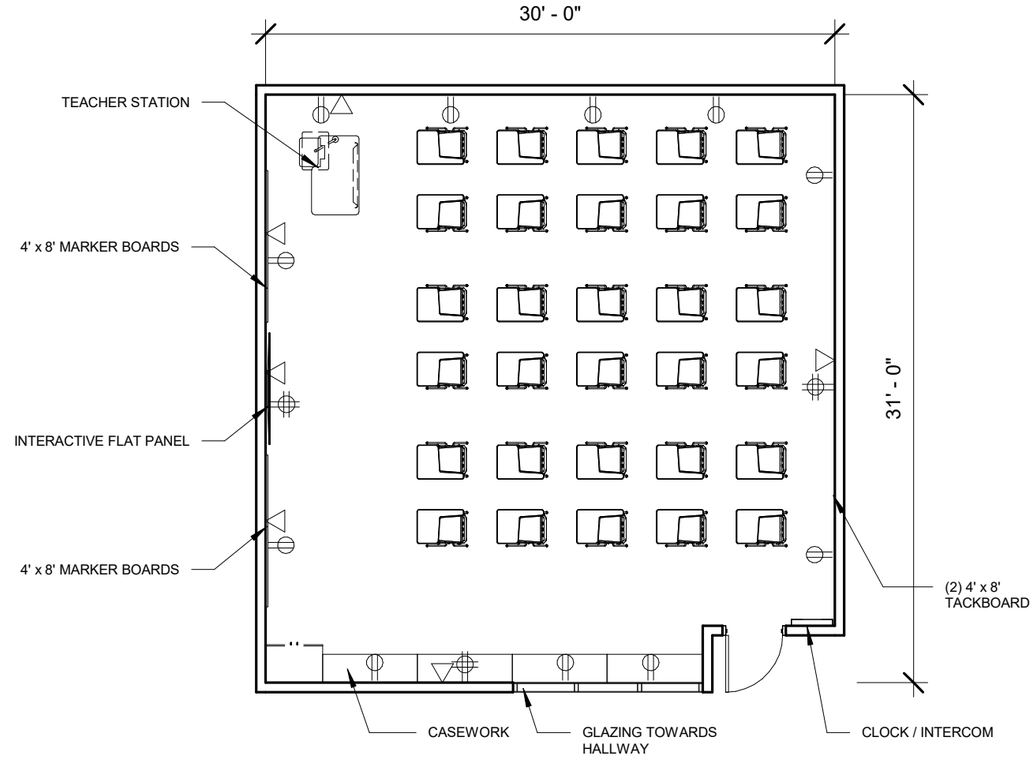
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 3/16" = 1'-0"

7.1.05, 8.1.05, 11.1.06, 12.1.06 | CONFERENCE ROOM

300 SF



DESCRIPTION

General classroom instruction.
Two 4' x 8' wall-mounted tackboard, on a side wall near the entrance to the classroom.
Two 4' x 8' wall-mounted marker boards.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Three power outlets with quadraplex outlets relating to data ports and duplex outlets spread equally on each wall.
Provide power,data connections and wall blocking at interactive flat panel locations.
One clock / intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

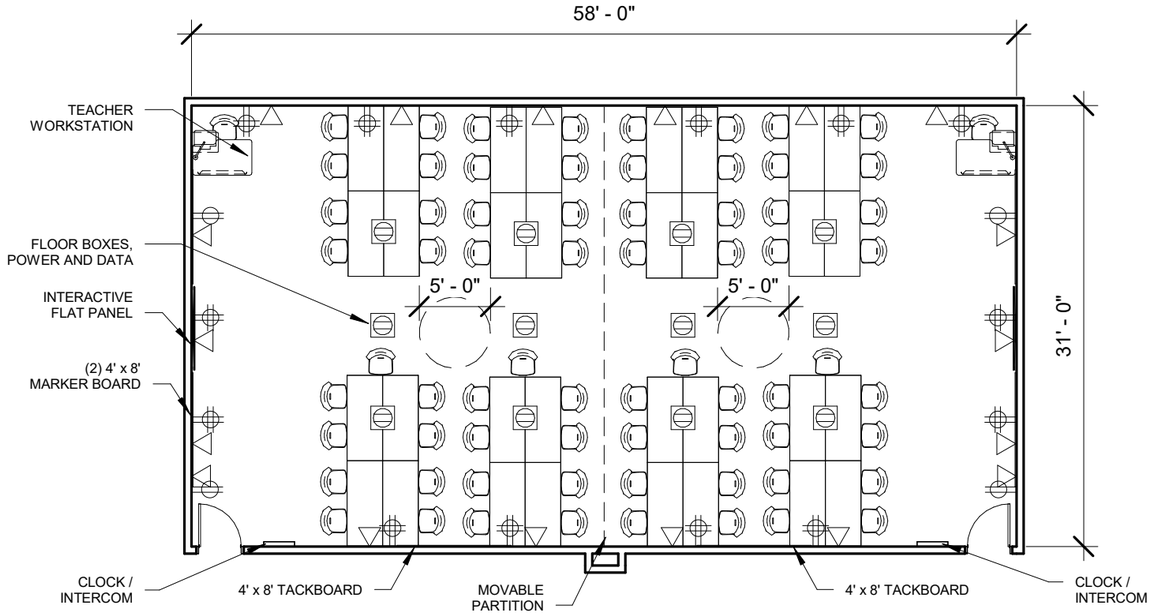
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/8" = 1'-0"

7.2.01, 8.2.01, 11.2.01, 12.2.01 | GENERIC CLASSROOMS

900 SF



DESCRIPTION

Divisible to two 900 SF rooms.
Flexible seating.
Teacher station and (30) Student stations on each side.
(9) Stations are to be wheelchair/hcp accessible/usable.
One 4' x 8' wall-mounted tackboard near the main entrance and two 4' x 8' marker boards located at the front of the classroom, on each side.
Power and data ports for (8) student printers per current CCSD standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Three power outlets with quadraplex outlets related to data ports and additional duplex outlets on front and back walls.
Floor boxes with power and data for flexible work stations.
Provide power,data connections and wall blocking at interactive flat panel locations, on each side.
One clock / intercom with call button 48" A.F.F, on each side.

CRITERIA

Floor:	VCT - static dissipative
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SERVICES

HVAC Room Noise Criteria (dBA): 45

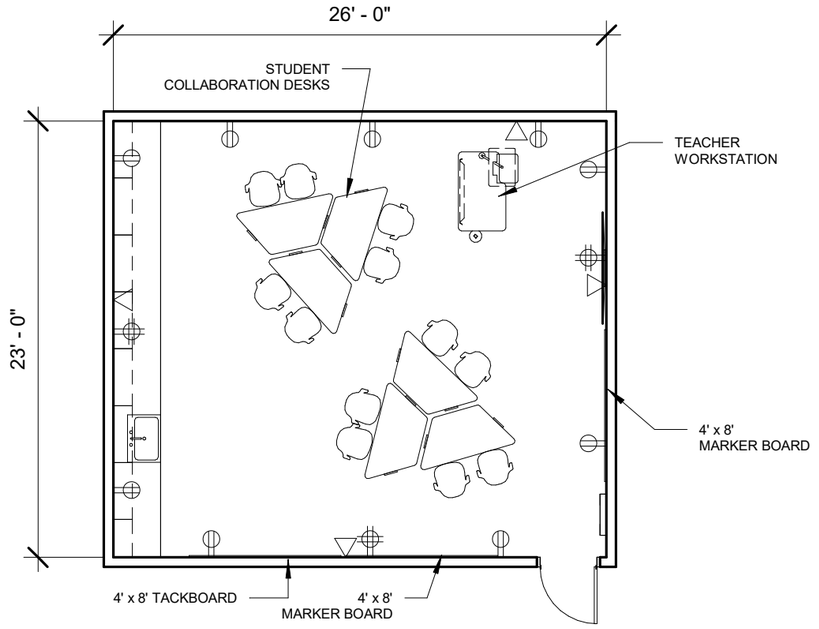
Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

7.2.02, 8.2.02, 11.2.02, 12.2.02

SCALE: 3/32" = 1'-0"

FLEX LAB / CLASSROOM

1,800 SF



DESCRIPTION

One 4' x 8' wall-mounted tackboard on a side wall near the entrance to the classroom.Two 4' x 8' wall-mounted marker boards.
One room with 12' built-in counter with sink with hot and cold water.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Three power outlets with quadraplex outlets relating to data ports and duplex outlets spread equally on each wall.
Provide power,data connections and wall blocking at interactive flat panel locations.
One clock / intercom with call button 48" A.F.F

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

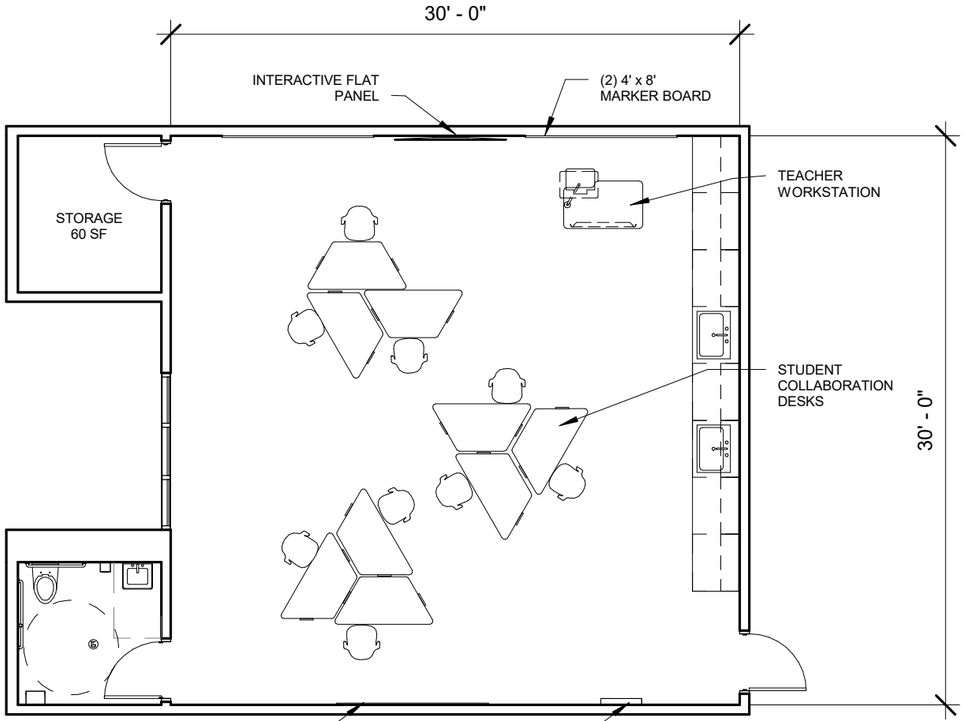
- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

7.1.01, 8.1.01, 10.3.01, 11.1.01, 12.1.01

SCALE: 1/8" = 1'-0"

RESOURCE CLASSROOM

600 SF



DESCRIPTION

Special learners classroom with 9 student capacity. Flexible seating; spacious with natural light. Connected to single user restroom and storage room. Provide one of the self-contained classrooms with a laundry room.
One 4' x 8' wall-mounted tackboard, on a side wall near the entrance to the classroom. Two 4' x 8' wall-mounted marker boards.
Data ports per current CCSD standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. Three power outlets with quadraplex outlets relating to data ports and duplex outlets spread equally on each wall.
Provide power,data connections and wall blocking at interactive flat panel locations.
One clock / intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

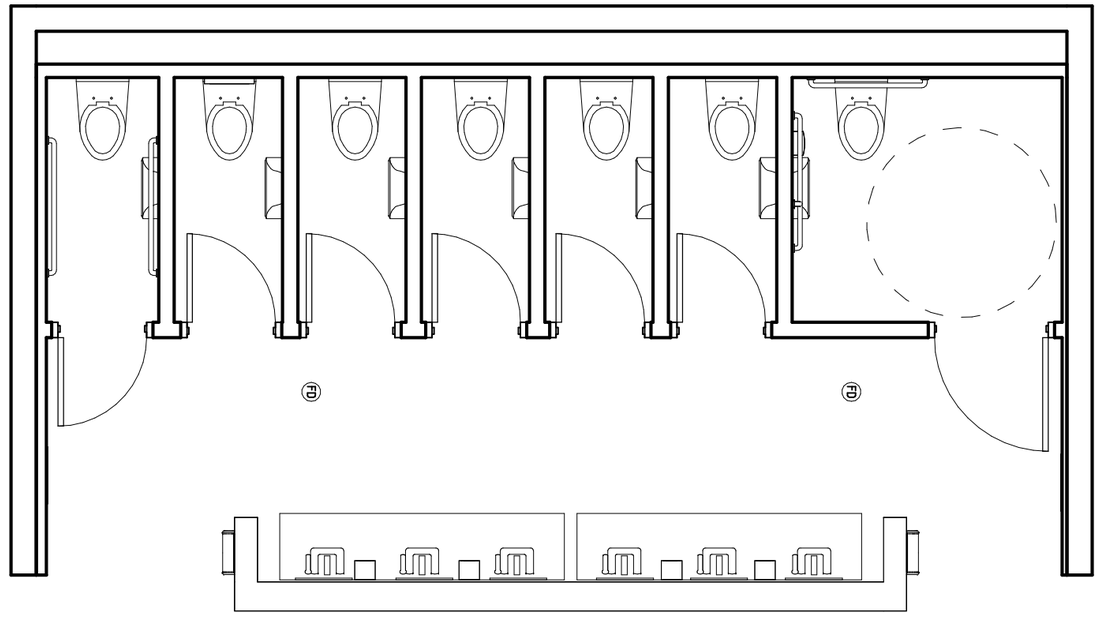
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/8" = 1'-0"

7.2.04, 8.2.04, 11.2.04, 12.2.04 | SELF-CONTAINED

900 SF



DESCRIPTION

General use individual stalls with common lavatory area.
Access from hallway.
Water closet and lavatory to meet code.
One GFIC duplex outlet near lavatory. Liquid soap dispenser. Paper towel dispenser. Roll toilet paper dispenser. Sanitary napkin dispenser/disposal.
Shatterproof mirrors in lavatory area.
ADA accessible stall included.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	Resinous flooring
Walls:	Ceramic tile/Paint
STC Rating:	51
Ceiling:	Gypsum board
Height:	9'-0" min.
CAC Rating:	51
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SCALE: 1/4" = 1'-0"

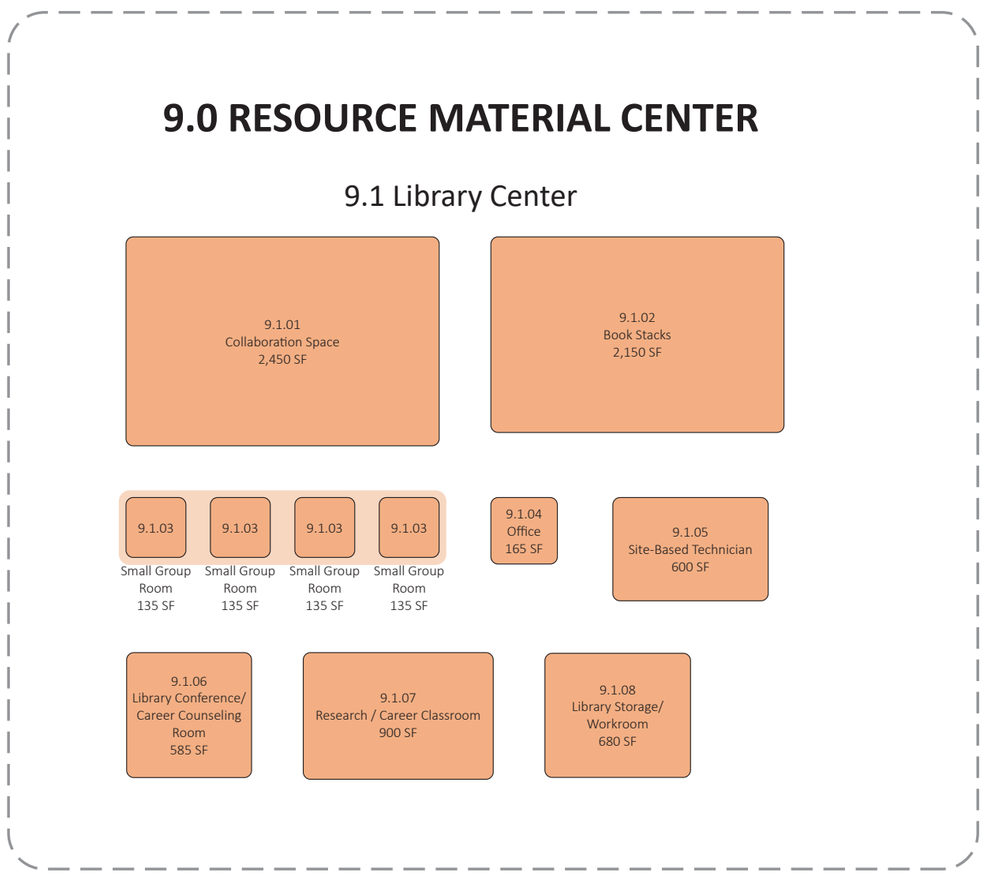
2.2.05F, 2.2.05H, 7.2.05, 8.2.05, 10.2.07, 11.2.05, 12.2.05 | STUDENT GENERAL USE RESTROOM

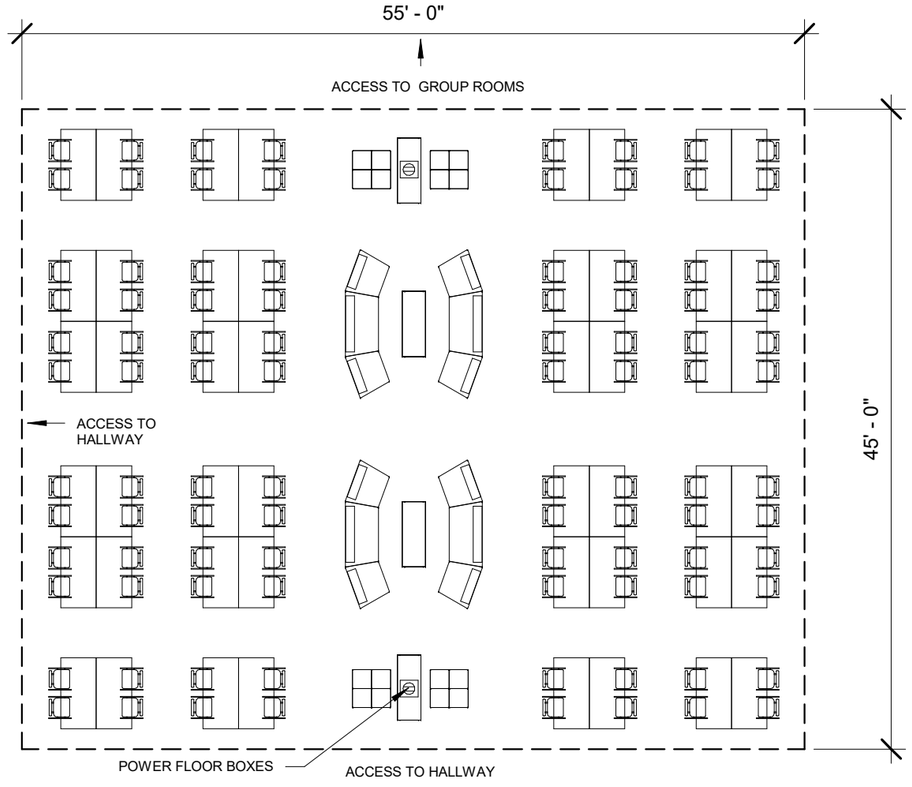
N/A

09 RESOURCE MATERIAL CENTER

RESOURCE MATERIAL CENTER

9.0	RESOURCE MATERIAL CENTER			8,070	1		30		25
9.1	Library Center	Qty.	Net Area	Total Net Area	Teaching #T.S.	# Stud.	Capacity @ 100%	Utilization %	Functional Capacity
.01	Collaboration Space	1	2,450	2,450	0		-		-
.02	Book Stacks	1	2,150	2,150	0		-		-
.03	Small Group Rooms	4	135	540	0		-		-
.04	Office	1	165	165	0		-		-
.05	Site-Based Technician	1	600	600	0		-		-
.06	Library Conference/Career Counseling Room	1	585	585	0		-		-
.07	Research/Career Classroom	1	900	900	1	30	30	83%	25
.08	Library Storage/ Workroom	1	680	680	0		-		-
				8,070	**1**		**30**		**25**





ROOM DATA SHEETS

DESCRIPTION

Reading, study area for students.
Duplex outlets every 15 feet on walls. Four duplex outlets on back wall behind the charging desk.
If *at least two* columns are in the library, install isolated ground type quadraplex outlets on each side of the column coupled with a minimum of four data ports for student card catalog a inquires to library data providing there is clearance from other functions, including one telephone outlet.
Two ITV outlet. One CTV outlet.
Provide a second clock/intercom with call button (if room layout requires) to ensure a clock is seen from all points in the library. Sound isolation. Secure area.
Provide a display area adjacent to reading room viewable from hallway

CRITERIA

Floor:	Carpet tile
Walls:	Paint
STC Rating:	48
Ceiling:	ACT
Height:	15'-0" min.
CAC Rating:	40
Doors:	-
STC Rating:	-

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SERVICES

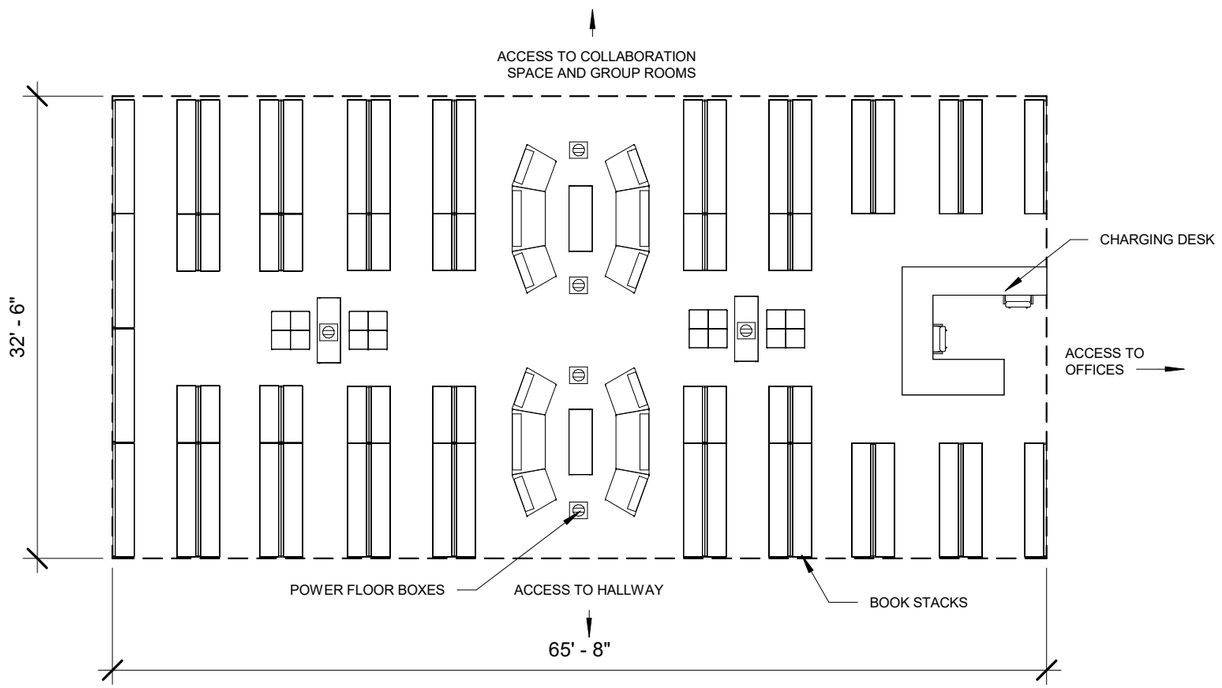
HVAC Room Noise Criteria (dBA): 40

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

9.1.01 | COLLABORATION SPACE

SCALE: 1" = 10'-0"

2,450 SF



DESCRIPTION

Central to classrooms and direct access from hallway by students.
Provide main double door entrance/exit to the corridor with a dual hallway book security system without the locking gates, with a Book Check unit - CFCI (If necessary, provide a wall for the book security system that should be full height, fire rated, wood framing not to interfere with system electronics and to prevent walking around the detection system.)
Provide a flush floor mounted duplex outlet with a dedicated circuit to support the detection system.
Provide a two-station charging desk with surge suppression, surfaced-mounted electrical outlets, and two data ports for a computer, printer, and time/date stamp.
One clock / intercom on wall behind the charging desk with call button.
Other required code exits need door alarms and signage indicating “Emergency Exit Only”.
Visual supervision from the charging desk.
Three 4' x 8' wall-mounted tackboards, mount (1) near entrance.
Book stack area for 12,000+ volumes.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	48
Ceiling:	ACT / Gypsum board
Height:	20'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	48

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SERVICES

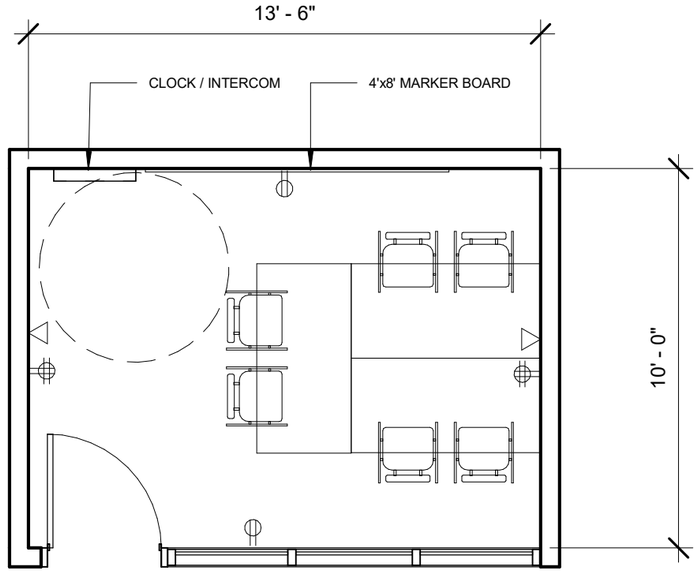
HVAC Room Noise Criteria (dBA): 40

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

9.1.02 | BOOK STACKS

SCALE: 3/32"= 1'-0"

2,150 SF



DESCRIPTION

Group study room.
Direct access from main library.
Window for visual supervision from main library.
One 4' x 8' wall-mounted marker board.
Data ports and quadruplex outlets on two walls and power outlet on each remaining wall.
One clock / intercom near front door.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

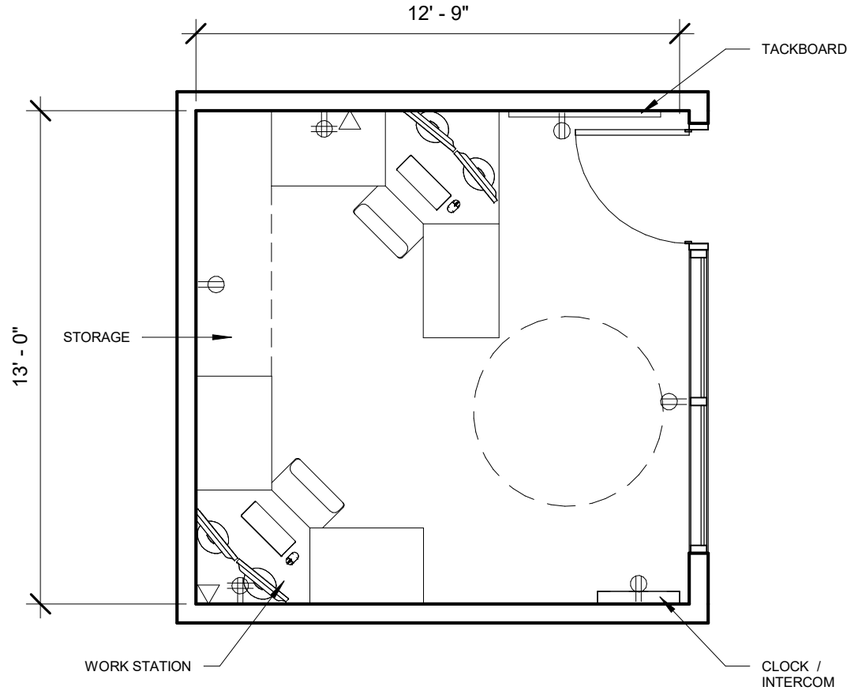
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

9.1.03 | SMALL GROUP ROOMS

SCALE: 1/4" = 1'-0"

135 SF



DESCRIPTION

Librarian and aide/clerk.
Direct access from main library. Direct access to charging desk.
Window for visual supervision of main library.
One 4' x 4' wall-mounted tackboard.
Data ports per current CCSD Standard Premise wiring matrix with conduit for computer networking with cable back to the central computer rack. One quadraplex outlet on two walls related to potential desk locations and data ports. One duplex outlet on each remaining wall.
One clock / intercom near front door.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

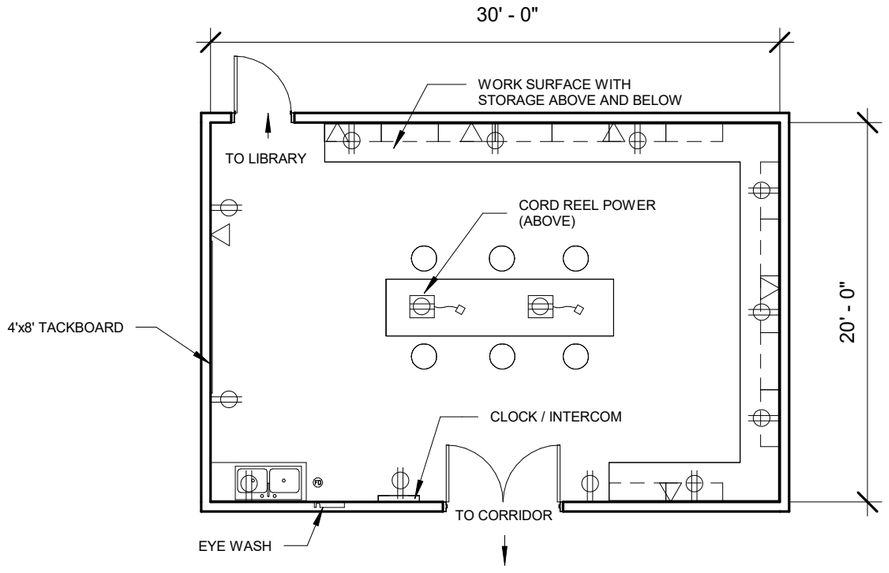
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

9.1.04 | OFFICE

SCALE: 3/8" = 1'-0"

165 SF



DESCRIPTION

Repair and maintainance of technological equipment.
Relate access to the main library.
Provide double door access.
One 4' x 8' wall-mounted tackboard.
Built-in work counter, 34" A.F.F., 30" deep, the length of one wall with sink on one end, hot/cold water, abovecounter 2100 series electrical plugmold with 20 amp receptacles 12" O.C., lockable cabinets, and undercounter lockable storage.
Two data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. One duplex outlet on each non-counter wall. One clock / intercom with call button near entrance. Secure area.

SERVICES

HVAC Room Noise Criteria (dBA): -

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	-
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	-

Note: Use Acoustical Engineer for all spaces

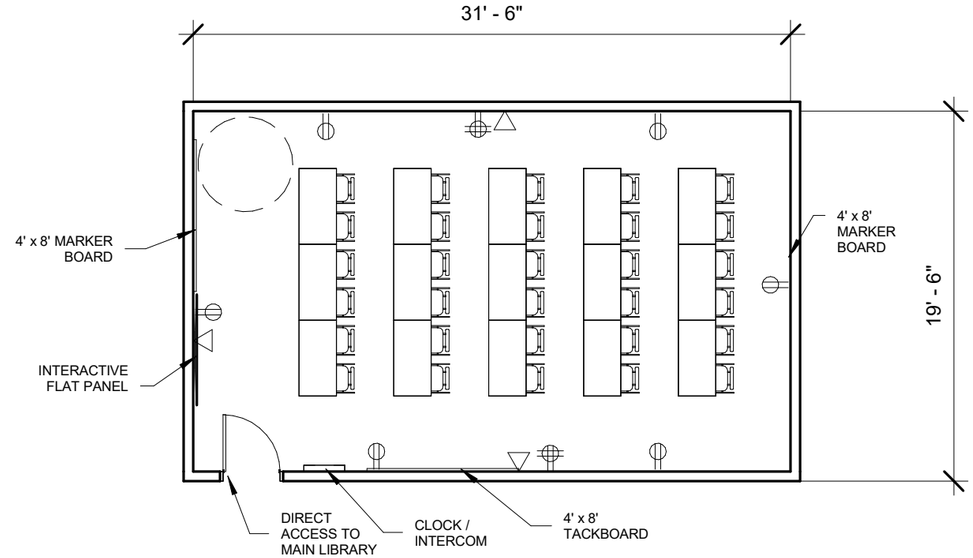
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

9.1.05 | SITE BASED TECHNICIAN

SCALE: 1/8" = 1'-0"

600 SF



DESCRIPTION

Direct access from main library.
Seating for 30. One 4' x 8' wall-mounted tackboard. One 4' x 8' wall-mounted marker board.
Two data ports related to quadraplex power per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack. Two additional duplex outlets on each wall.
Provide power,data connections and backing at interactive flat panel locations.
One ITV outlet. One CTV outlet.
One clock / intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

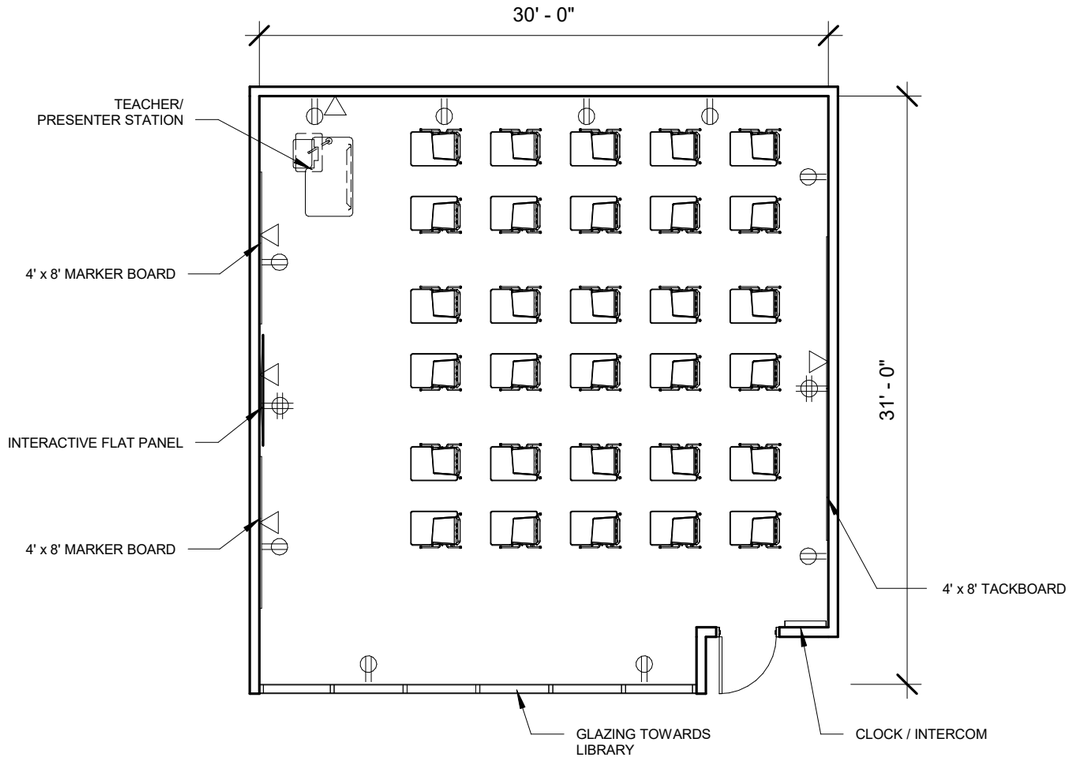
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

SCALE: 1/8" = 1'-0"

9.1.06 | LIBRARY CONF / CAREER COUNSELING ROOM

585 SF



DESCRIPTION

Direct access from main library.
One 4' x 8' wall-mounted tackboard near the entrance. Two 4' x 8' wall-mounted marker boards at the front of the room.(
30) Workstations.
Two quadraplex outlets and one additional duplex on each of three walls. Two duplex outlets and one quadraplex outlet on front wall.
One clock / intercom with call button 48" A.F.F.

CRITERIA

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

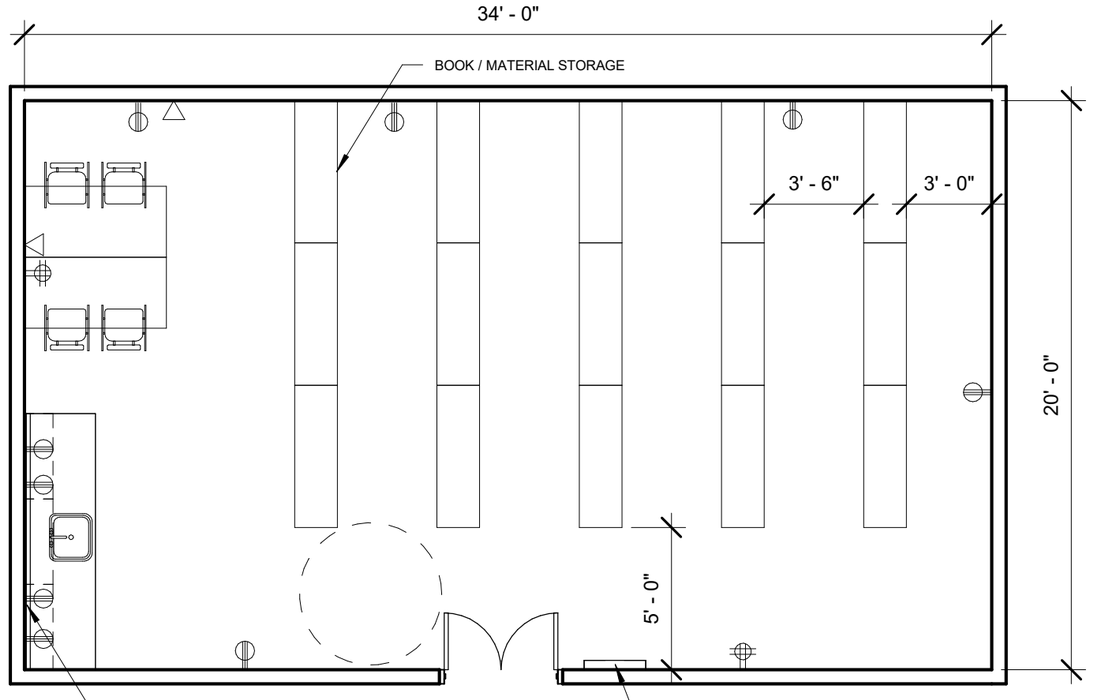
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

9.1.07 | RESEARCH/CAREER CLASSROOM

SCALE: 1/8" = 1'-0"

900 SF



DESCRIPTION

Direct access from with double door entry, no mullion.
Storage of library books and materials.
Built-in 8' counter with clean-up sink with hot and cold water with abovecounter plugmold outlets 12" O.C. Power connections not to be daisy chained.
Data port per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
One quadraplex outlet on two walls. One duplex outlet on each wall.
One clock / intercom with call button 48" A.F.F.

CRITERIA

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

9.1.08 | LIBRARY STORAGE/WORKROOM

SCALE: 3/16" = 1'-0"

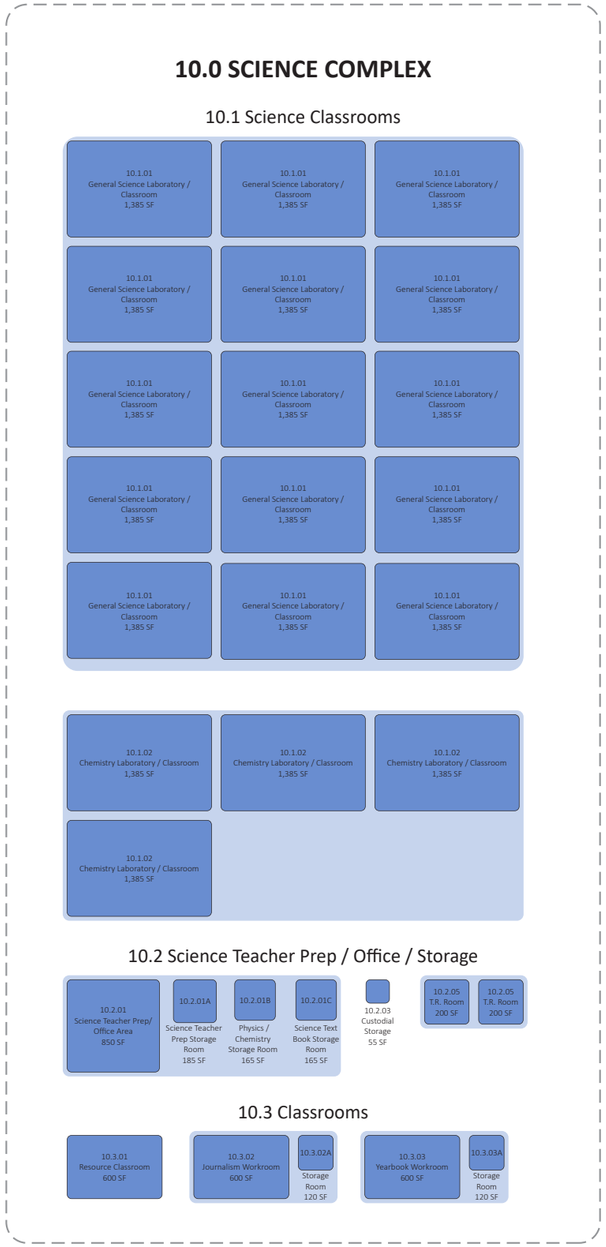
680 SF

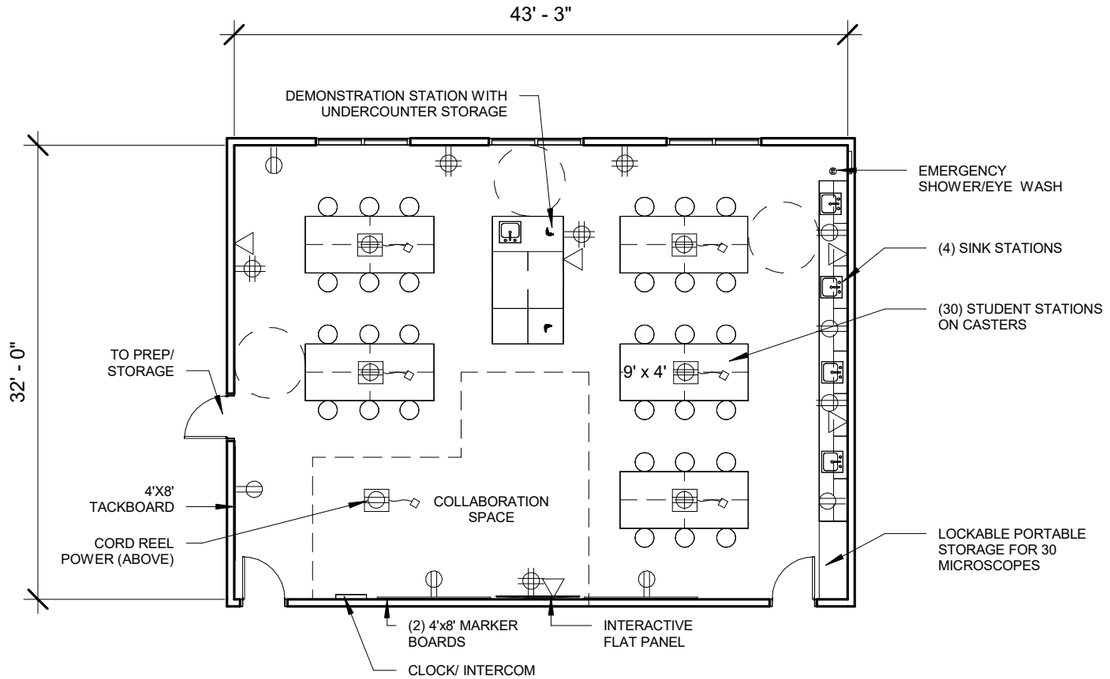
10 SCIENCE COMPLEX

10.0	SCIENCE COMPLEX			30,175	20		582		485
					Teaching		Capacity		Functional
10.1	**Science Classrooms**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	General Science Laboratory / Classrooms	15	1,385	20,775	15	30	450	83%	375
.02	Chemistry Laboratory / Classrooms	4	1,385	5,540	4	30	120	83%	100
				26,315	**19**		**570**		**475**

10.2	**Science Teacher Prep / Office / Storag**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Science Teacher Prep/ Office Area	1	850	850	0		-		-
	a. Science Teacher Prep Storage Room	1	185	185	0		-		-
	b. Physics / Chemistry Storage Room	1	165	165	0		-		-
	c. Science Text Book Storage Room	1	165	165	0		-		-
.02	Staff General Use Restroom	1		0	0		-		-
.03	Custodial Storage	1	55	55	0		-		-
.04	Electrical / Mechanical Room	1		0	0		-		-
.05	T.R. Room	2	200	400	0		-		-
.06	Riser Room	1			0		-		-
.07	Student Restroom	1			0		-		-
				1,820	**0**		**0**		**0**

10.3	**Classrooms**	Qty.	Net Area	Total Net Area	#T.S.	# Stud.	@ 100%	Utilization %	Capacity
.01	Resource Classroom	1	600	600	1	12	12	83%	10
.02	Journalism Workroom	1	600	600	0		-		-
	a. Storage Room	1	120	120	0		-		-
.03	Yearbook Workroom	1	600	600	0		-		-
	a. Storage Room	1	120	120	0		-		-
				2,040	**1**		**12**		**10**


10.0 SCIENCE COMPLEX
10.1 Science Classrooms
10.1.01 General Science Laboratory / Classroom 1,385 SF
10.1.02 Chemistry Laboratory / Classroom 1,385 SF
10.2 Science Teacher Prep / Office / Storage
10.2.01 Science Teacher Prep/ Office Area 850 SF
10.2.01A Science Teacher Prep Storage Room 185 SF
10.2.01B Physics / Chemistry Storage Room 165 SF
10.2.01C Science Text Book Storage Room 165 SF
10.2.03 Custodial Storage 55 SF
10.2.05 T.R. Room 200 SF
10.3 Classrooms
10.3.01 Resource Classroom 600 SF
10.3.02 Journalism Workroom 600 SF
10.3.02A Storage Room 120 SF
10.3.03 Yearbook Workroom 600 SF
10.3.03A Storage Room 120 SF



LAB REQUIREMENTS

Easy access to science teacher prep / office.
Appropriate ventilation, exhaust, eyewash, and safety shower.
One 4' x 8' wall-mounted tackboard near the entrance.Two 4' x 8' wall-mounted marker boards.
Provide wall blocking, power and data for interactive flat panel on teaching wall.
Instructor's lab/demo station with acid resistant work counter, electrical outlets, gas, sink with hot/cold water, and lockable undercounter storage. Shutoff for gas with automatic shutoff timer at fixed instructor's lab/demo station.
Area with walled perimeter (4) lab stations 36" high,30" deep, with acid resistant work counter, (4) GFIC electrical duplex outlets and lockable undercounter material storage with adjustable shelving.
Lockable storage cabinets above between each sink.Lower one end of station for handicapped accessibility (34"A.F.F., 54" wide, and 24" deep) with no undercounter storage.Area for beaker storage. Area for lockable portable storage for 30 microscopes in each room.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Quadraplex outlets related to data port locations. Electrical plugmold on non-lab station wall with outlets 18" on center.
Provide power,data connections and backing at interactive flat panel locations.
One clock / intercom with call button 48" A.F.F.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SERVICES

HVAC Room Noise Criteria (dBA): 35

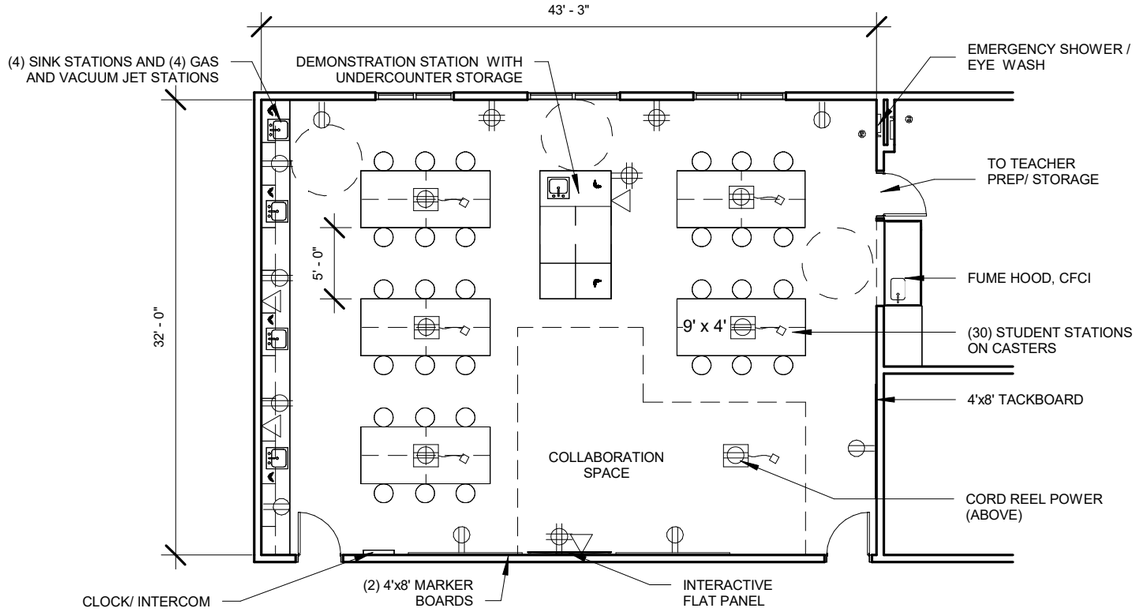
Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

SCALE: 3/32" = 1'-0"

10.1.01 | GENERAL SCIENCE LAB / CLASSROOMS

1,385 SF

ROOM DATA SHEETS



LAB REQUIREMENTS

Easy access to science teacher prep / office area.
Appropriate ventilation, exhaust, eyewash, and safety shower.
One 4' x 8' wall-mounted tackboard near the entrance.
Two 4' x 8' wall-mounted marker boards.
Provide wall blocking, power and data for interactive flat panel on teaching wall.
Instructor's lab/demo station with acid resistant work counter, electrical outlets, gas, sink with hot/cold water, and lockable undercounter storage. Shutoff for gas with automatic shutoff timer at fixed instructor's lab/demo station.
Area with walled perimeter (4) lab stations 36" high, 30"deep, with acid resistant work counter, (4) GFIC electrical duplex outlets, gas with (4) jets, (4) sinks with cold water, vacuum with (4) jets, and lockable undercounter material storage with adjustable shelving.
Lockable storage cabinets above and between each sink. Lower one end of station for handicapped accessibility (34" A.F.F., 54" wide, and 24" deep) with no undercounter storage.
One chemistry fume hood, CFCI.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Quadraplex outlets related to data port locations. Electrical plugmold on non-lab station wall with outlets 18" O.C.
Provide power,data connections and backing at interactive flat panel locations.
One clock / intercom with call button 48" A.F.F.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

SERVICES

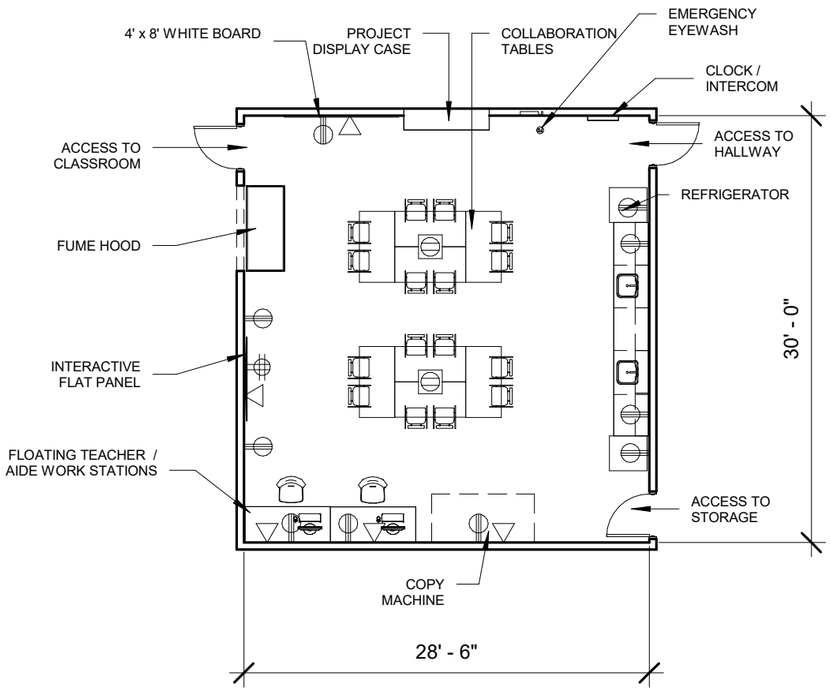
HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	Yes

10.1.02 | CHEMISTRY LAB / CLASSROOMS

SCALE: 3/32" = 1'-0"

1,385 SF



DESCRIPTION

Teacher preparation area.
Designate one wall to provide and embed a 6' x 5' display case visible to students in hallway 48" w x 88" h x 14" d with five adjustable shelves for student projects.
One 4' x 8' wall-mounted tackboard near the entrance above the counter.
One 10' built-in work counter with sink, hot/cold water, above counter electrical plugmold with outlets 24" O.C. and under counter storage.
Electrical for copy machine.
Six data ports per current CCSD standard premise wiring matrix with conduit for computer networking with cable on each wall back to the central computer rack. Quadraplex outlets related to data ports and additional duplex outlets on each wall. Two floor mounted duplex outlets in each center half of room.
One clock. One intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 45

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	Carpet
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	10'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

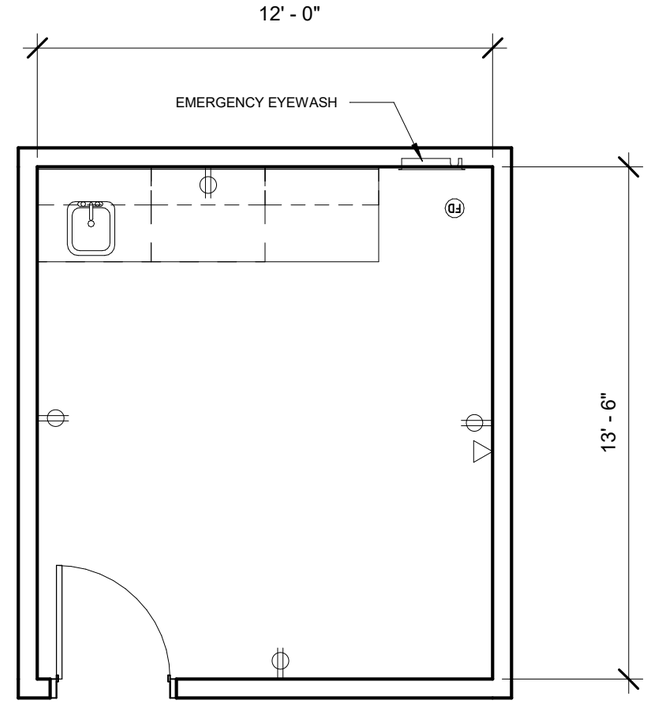
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

10.2.01 | SCIENCE TEACHER PREP / OFFICE AREA

SCALE: 3/32" = 1'-0"

850 SF



DESCRIPTION

Direct access from science teacher prep / office.
Ensure exhaust venting directly to roof from room.
Ensure HVAC supply air to room.
Provide emergency lighting for emergency egress.
Storage of supplies, caustic materials, chemical items, flammable liquids, and animal specimen storage cabinets.
Area for beaker storage.
Area for lockable portable storage for 32 microscopes.
Two duplex outlets on each wall.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

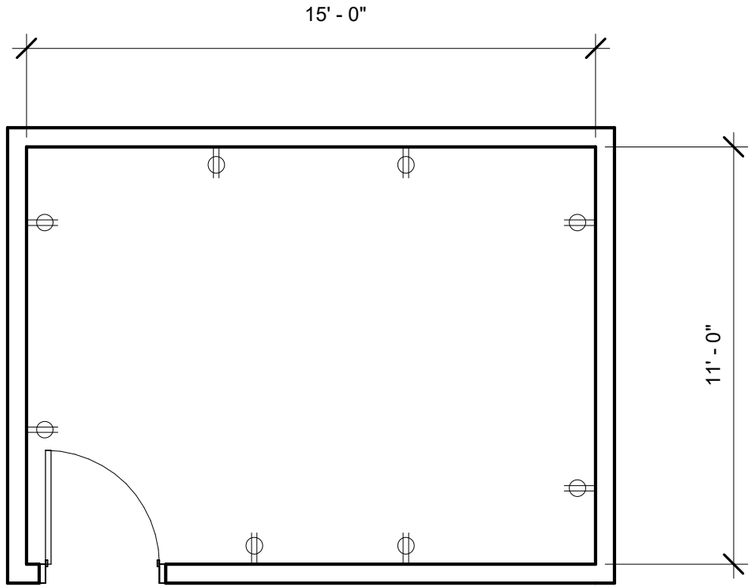
KEY

RECEPTACLE
QUAD RECEPTACLE
DATA/PHONE
FLOOR BOX (POWER & DATA)
DATA
TV OUTLET
CLOCK/INTERCOM

10.2.01A | SCIENCE TEACHER PREP STORAGE ROOM

SCALE: 1/4" = 1'-0"

185 SF



DESCRIPTION

Direct access from science teacher prep / office.
Ensure exhaust venting directly to roof from room.
Ensure HVAC supply air to room.
Provide emergency lighting for emergency egress.
Storage of supplies, caustic materials, chemical items, flammable liquids, and animal specimen storage cabinets.
Area for beaker storage.
Area for lockable portable storage for 32 microscopes.
Two duplex outlets on each wall.

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

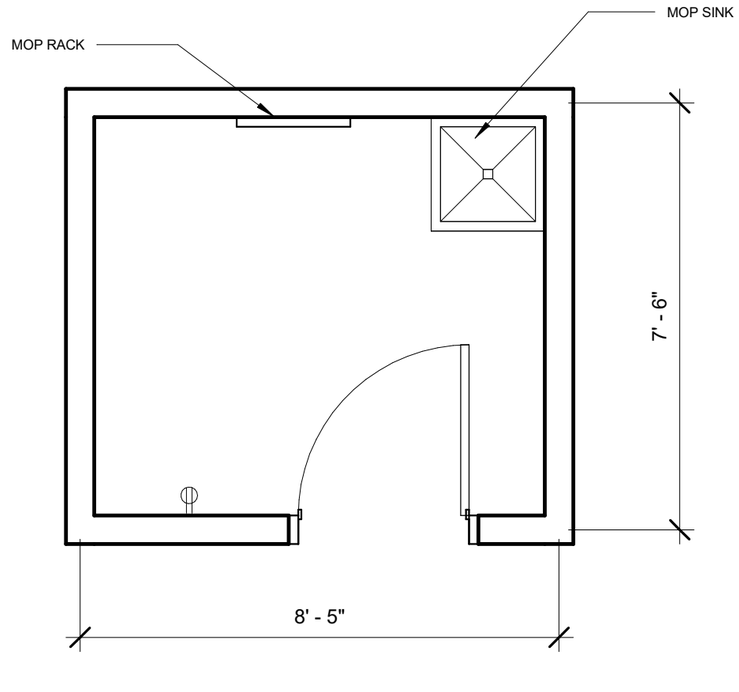
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

10.2.01B, 10.2.01C | SCIENCE STORAGE ROOM

SCALE: 1/4" = 1'-0"

165 SF



DESCRIPTION

Custodial storage with mop sink with hot/cold water and mop rack, (include FRP on side walls that are drywall).
One duplex outlet.

FINISHES

Floor:	Sealed concrete
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	Yes
Power:	110v
Data:	No
AV:	No

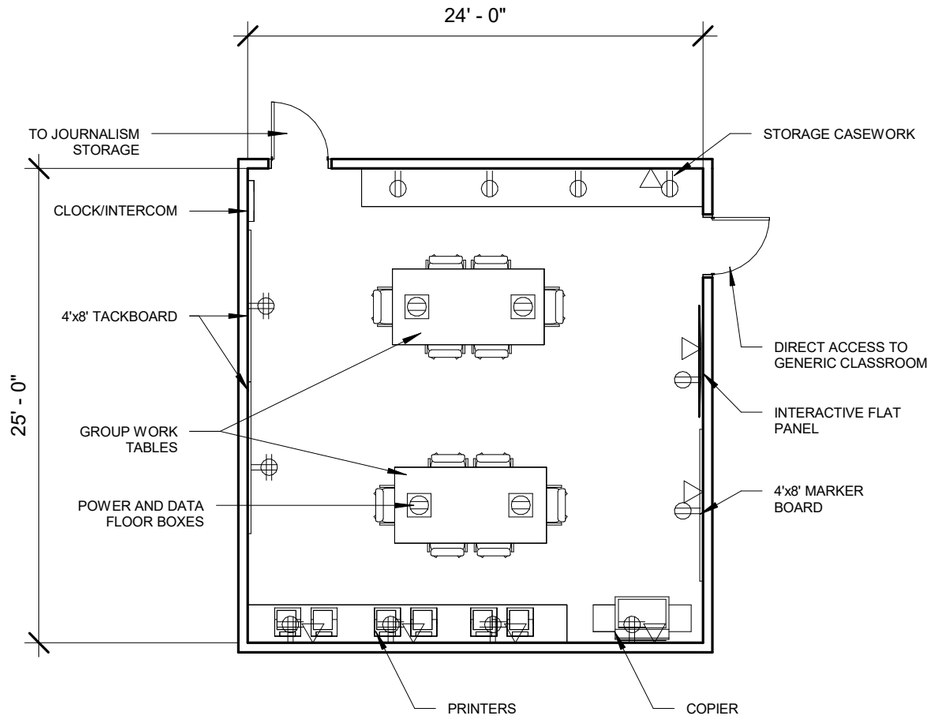
KEY

- RECEPTACLE
- QUAD RECEPTACLE
- DATA/PHONE
- FLOOR BOX (POWER & DATA)
- DATA
- TV OUTLET
- CLOCK/INTERCOM

10.2.03 | CUSTODIAL STORAGE

SCALE: 3/8" = 1'-0"

55 SF



DESCRIPTION

Direct access to one generic classroom.
Work area for journalism students.
Two 4' x 8' wall-mounted tackboards.
One 4' x 8' wall-mounted marker boards.
One wall of tackable surface.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Ten power outlets with one quadraplex related to each data port and additional duplex outlets on each wall.
One ITV outlet.
One clock / intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	Yes

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with card reader
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

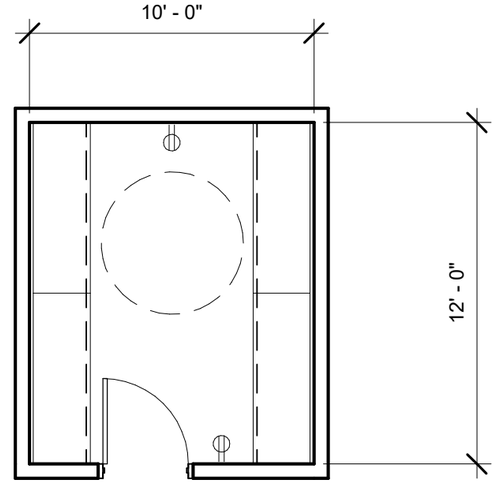
KEY

RECEPTACLE	DATA
QUAD RECEPTACLE	TV OUTLET
DATA/PHONE	CLOCK/INTERCOM
FLOOR BOX (POWER & DATA)	

10.3.02 | JOURNALISM WORKROOM

SCALE: 1/8" = 1'-0"

600 SF



DESCRIPTION

Storage room for Journalism / Yearbook Workroom.
Storage of supplies and archive.
Ensure HVAC supply and return air.
Two duplex outlets.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	No
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with card reader
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

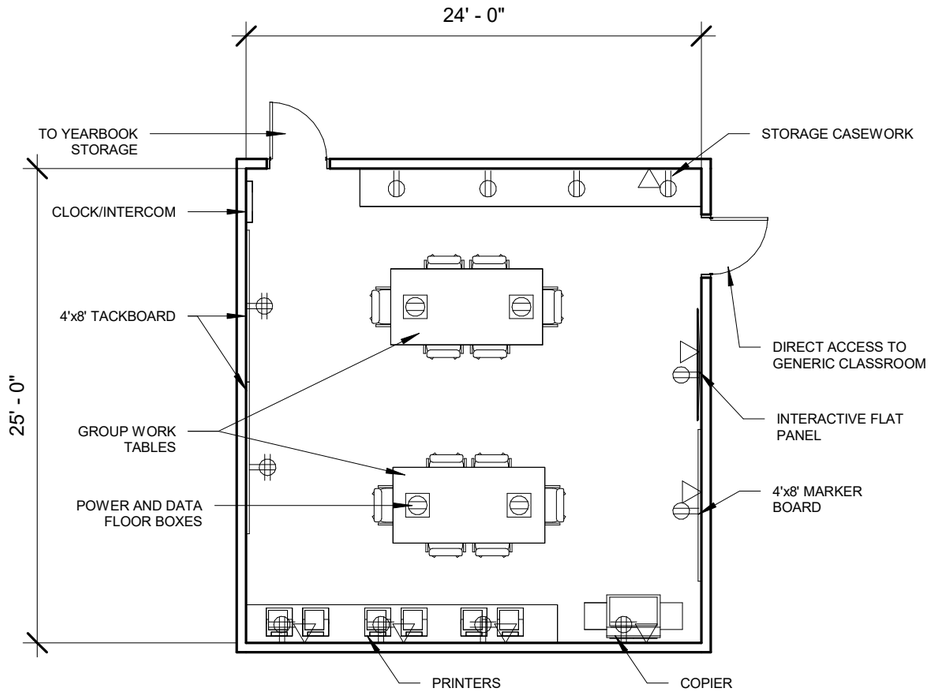
KEY

RECEPTACLE	DATA
QUAD RECEPTACLE	TV OUTLET
DATA/PHONE	CLOCK/INTERCOM
FLOOR BOX (POWER & DATA)	

SCALE: 3/16" = 1'-0"

10.3.01A,10.3.02A | STORAGE

120 SF



DESCRIPTION

Direct access to one generic classroom.
Work area for yearbook students.
Two 4' x 8' wall-mounted tackboards.
One 4' x 8' wall-mounted marker board.
One wall of tackable surface.
Data ports per current CCSD Standard premise wiring matrix with conduit for computer networking with cable back to the central computer rack.
Ten power outlets with one quadraplex outlet related to each data port and additional duplex outlets on each wall.
One clock / intercom with call button 48" A.F.F.

SERVICES

HVAC Room Noise Criteria (dBA): 35

Plumbing:	No
Power:	110v
Data:	Yes
AV:	No

FINISHES

Floor:	VCT
Walls:	Paint
STC Rating:	51
Ceiling:	ACT
Height:	9'-0" min.
CAC Rating:	40
Doors:	Solid core wood with vision lite
STC Rating:	51

Note: Use Acoustical Engineer for all spaces

KEY

RECEPTACLE	DATA
QUAD RECEPTACLE	TV OUTLET
DATA/PHONE	CLOCK/INTERCOM
FLOOR BOX (POWER & DATA)	

10.3.03 | YEARBOOK WORKROOM

SCALE: 1/8" = 1'-0"

600 SF