

OHIO SCHOOL DESIGN MANUAL

Ohio School Facilities Commission

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Chapter 2: Bracketing (Career-Technical)

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PURPOSE:

The purpose of this chapter is to assist the school district in establishing the gross square feet for a new facility. The size of the facility is based on student capacity, grade configuration, and community services that will meet the needs of the school district.

**ALLOCATING BUILDING
SQUARE FEET:**

Square feet allocations for spaces in the program areas and grade levels have been established. A worksheet for each program area follows the Summary of Spaces. With the aid of the educational specifications, the school district and its Design Professional can tailor the facility to meet the needs of the district by entering the appropriate quantities for each space.

The spaces of each program area are further defined in Chapter 4, Elementary School; Chapter 5, Middle School; and Chapter 6, High School. Refer to these chapters for specific requirements.

Certain building-related areas are included in the Summary of Spaces. These spaces are directly or indirectly related to the student capacity. These areas will be calculated as the district selects educational spaces. The basis for these calculations is shown on the space plates.

Interactive bracketing templates are included in the electronic version of this manual. Current available standard grade groupings include:

PK-5	Elementary School
6-8	Middle School
9-12	High School
PK-12	Combination School
PK-8	Elementary/Middle Combination School
6-12	Middle/High Combination School

Other grade grouping arrangements do not have an exact corresponding template available. See the following page for instructions.

REMINDER: The minimum school size for any grade configuration is 350 students.

GRADE GROUPINGS WHICH DO NOT EXACTLY FIT THE AVAILABLE TEMPLATES CAN BE ACCOMMODATED AS FOLLOWS:

PK-5 Elementary School template grade groupings:

PK-4, PK-3, PK-2, PK-1, PK only

K-4, K-3, K-2, K-1, K only

K only, 1 only, 2 only, 3 only, 4 only, 5 only

PK-6, K-6, 1-6, 2-6, 3-6, 4-6: For these grade groupings (which cross over into another grade grouping by one grade only), the total GSF building area must be manually entered into the POR Summary page by overriding the cell formula. This number is obtained from the Master Plan.

6-8 Middle School template grade groupings:

7-8, 6 only, 7 only, 8 only

5-6, 5-7, 5-8, 5-9, 6-9, 7-9, 8-9: For these grade groupings (which cross over into another grade grouping by one grade only), the total GSF building area must be manually entered into the POR Summary page by overriding the cell formula. This number is obtained from the Master Plan.

9-12 High School template grade groupings:

10-12, 11-12, 10 only, 11 only, 12 only

8-12: For this grade grouping (which crosses over into another grade grouping by one grade only), the total GSF building area must be manually entered into the POR Summary page by overriding the cell formula. This number is obtained from the Master Plan.

PK-12 Combination School template grade groupings:

PK-11, K-11, PK-10, K-10, 1-12, 2-12, 3-12, 4-12

PK-8 Elementary/Middle Combination School template grade groupings:

PK-7, K-7, K-8, 1-7, 1-8, 2-7, 2-8, 3-7, 3-8, 4-7, 4-8

PK-9, K-9, 1-9, 2-9, 3-9, 4-9: For these grade groupings (which cross over into another grade grouping by one grade only), the total GSF building area must be manually entered into the POR Summary page by overriding the cell formula. This number is obtained from the Master Plan.

6-12 Middle/High Combination School template grade groupings:

7-12, 7-11, 6-11

5-12: For this grade grouping (which crosses over into another grade grouping by one grade only), the total GSF building area must be manually entered into the POR Summary page by overriding the cell formula. This number is obtained from the Master Plan.

- ***For facilities developed under the Student Centered Learning Environment (SCLE), overall project costs must not exceed those of traditional facilities, however with the variety of spaces within a SCLE facility it is possible to develop planning concepts that reflect less square footage than a traditional facility. The OSFC will entertain flexibility between square footage and cost per square foot, provided the traditionally calculated budget is not exceeded. Request for a reduction in square footage will be reviewed on a case by case basis. This applied only to SCLE based facilities.***

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Enter # of students

450

SF/student

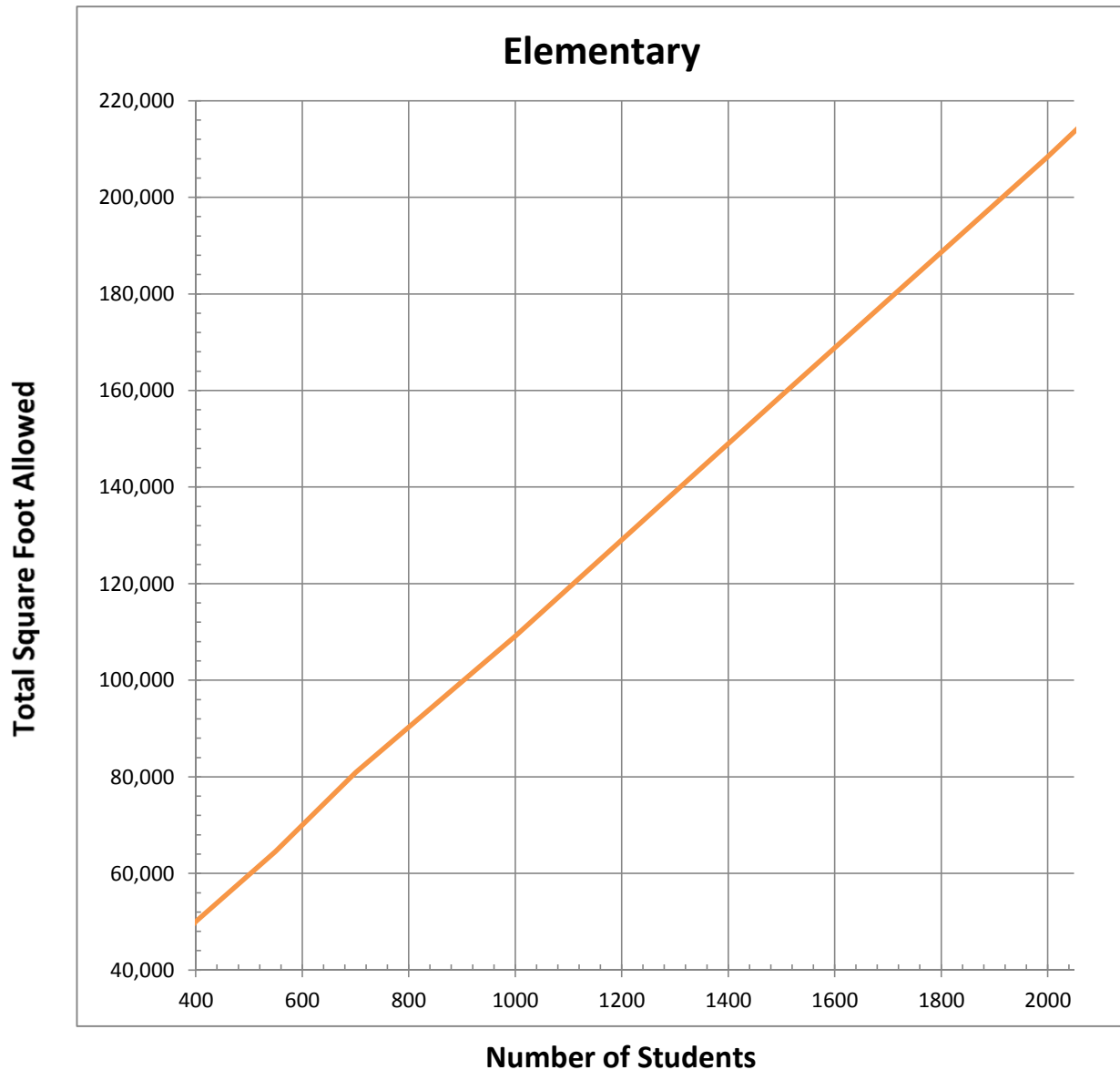
121.87

Total SF for building

54,840

ELEMENTARY SCHOOL: Grades PK – 5

0 - 349 students, 125 SF/student
350 - 399 students, 125–125 SF/student
400 - 549 students, 125–117 SF/student
550 - 699 students, 117–116 SF/student
700 - 999 students, 115–109 SF/student
1000 - 1499 students, 109–106 SF/student
1500 - 1999 students, 106–104 SF/student
2000 - 4999 students, 104–104 SF/student
5000+ students, 104 SF/student



MIDDLE SCHOOLS SQUARE FOOT ALLOWANCE

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Enter # of students

450

SF/student

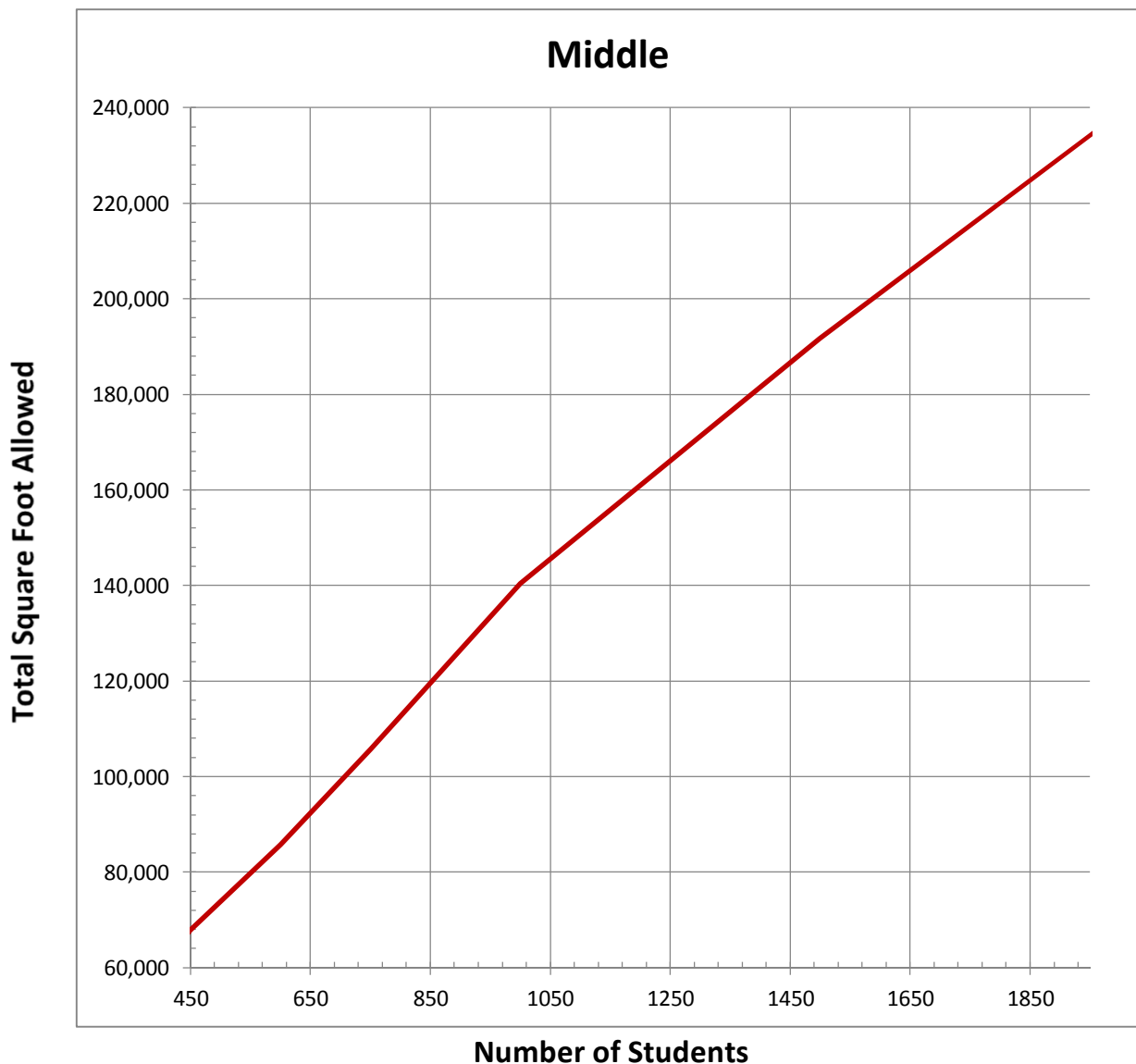
151.00

Total SF for building

67,950

MIDDLE SCHOOL: Grades 6 – 8

0 - 349 students, 151 SF/student
350 - 449 students, 151–151 SF/student
450 - 599 students, 151–143 SF/student
600 - 749 students, 143–141 SF/student
750 - 999 students, 141–140 SF/student
1000 - 1499 students, 140–128 SF/student
1500 - 1999 students, 128–119 SF/student
2000 - 4999 students, 119–119 SF/student
5000+ students, 119 SF/student



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Enter # of students

600

SF/student

166.64

Total SF for building

99,982

HIGH SCHOOL: Grades 9 – 12

0 - 349 students, 180 SF/student

350 - 449 students, 179–180 SF/student

450 - 524 students, 180–167 SF/student

525 - 799 students, 167–166 SF/student

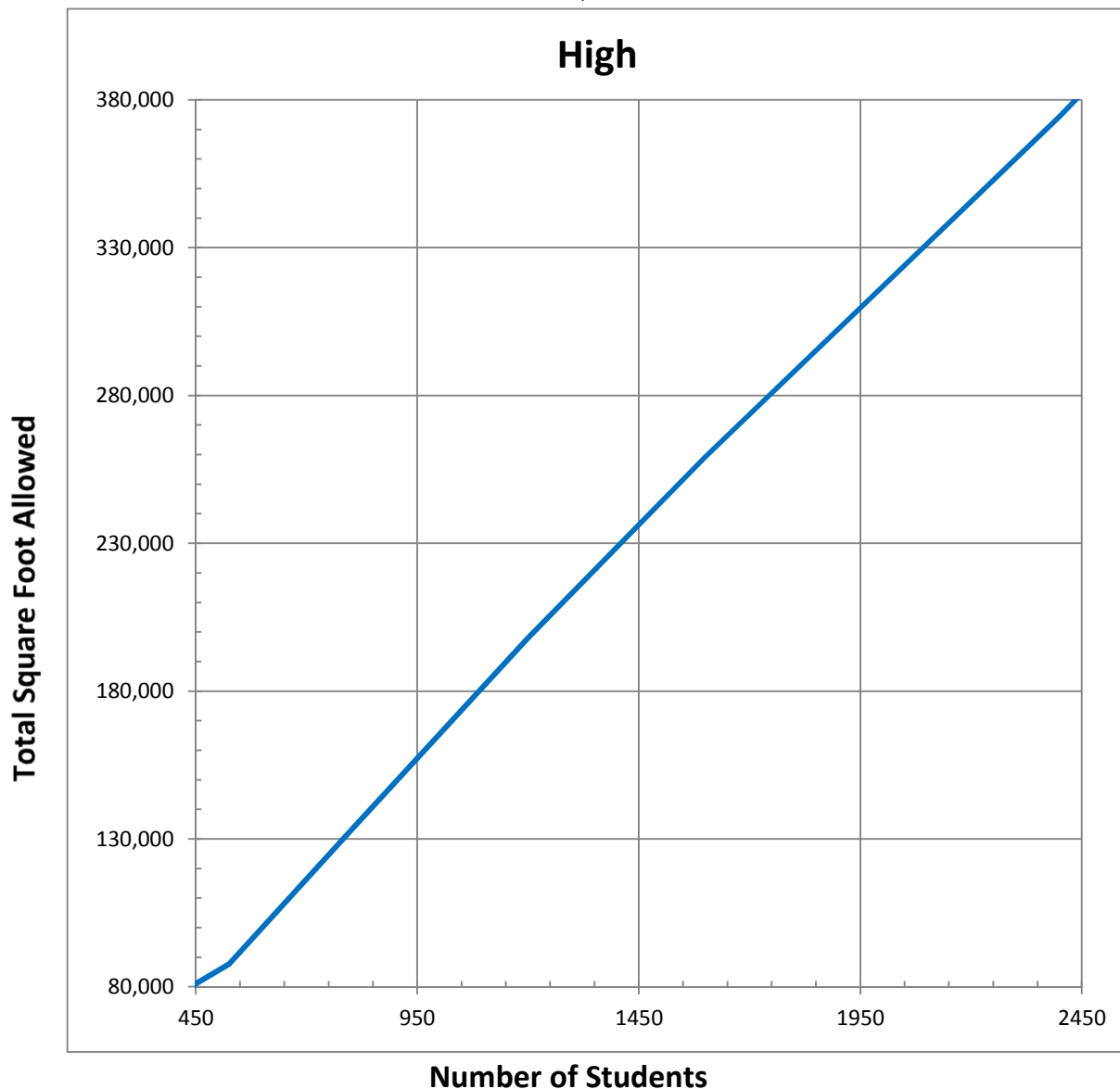
800 - 1199 students, 166–165 SF/student

1200 - 1599 students, 165–162 SF/student

1600 - 2399 students, 162–156 SF/student

2400 - 4999 students, 156–156 SF/student

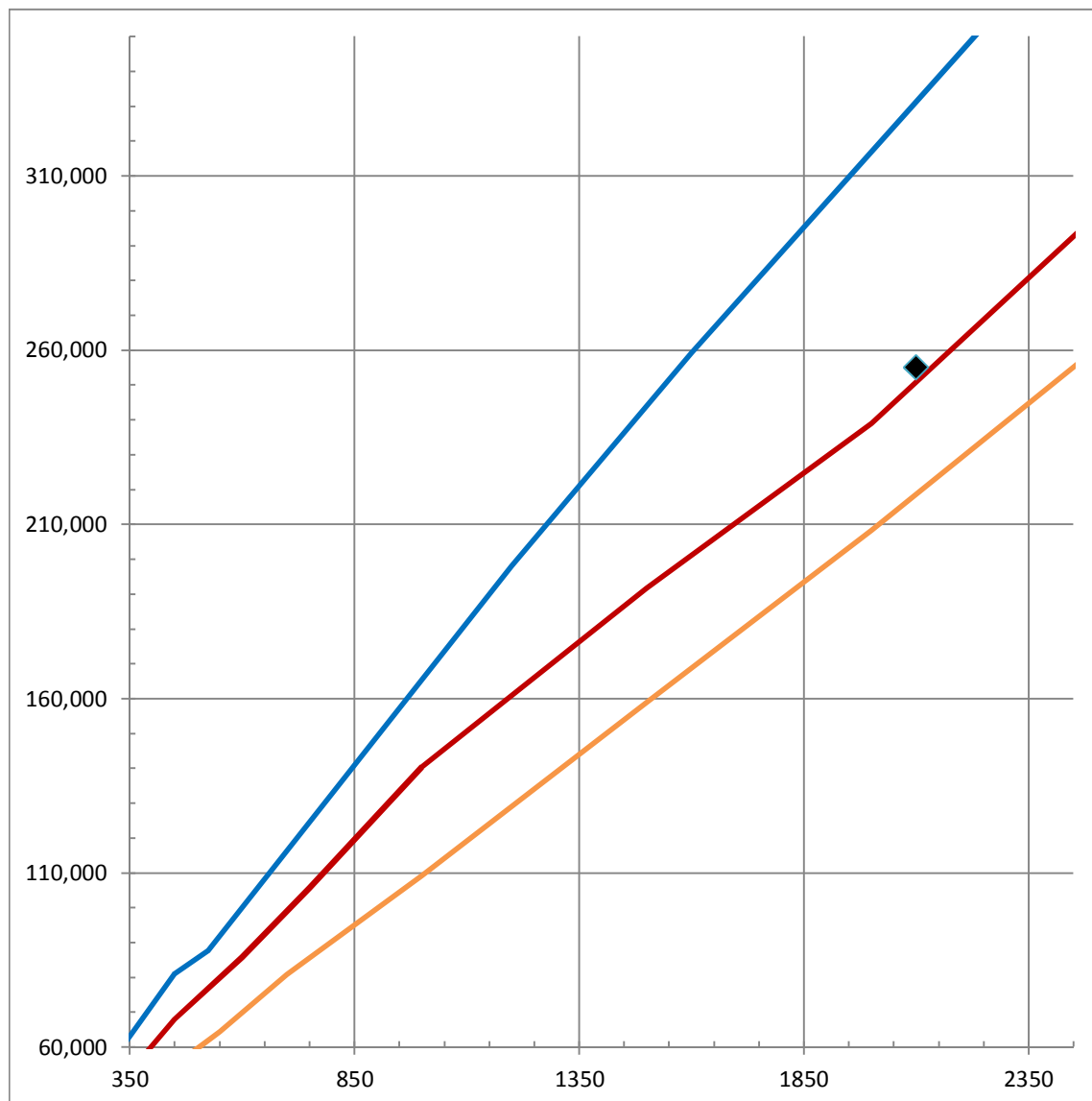
5000+ students, 156 SF/student



COMBINATION SCHOOLS SQUARE FOOT ALLOWANCE

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Enter # of students grades PK – 5	1,050
Enter # of students grades 6 – 8	450
Enter # of students grades 9 – 12	600
SF/student	121.48
Total SF for building	255,102



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Enter # of students grades PK – 5

1,050

Enter # of students grades 6 – 8

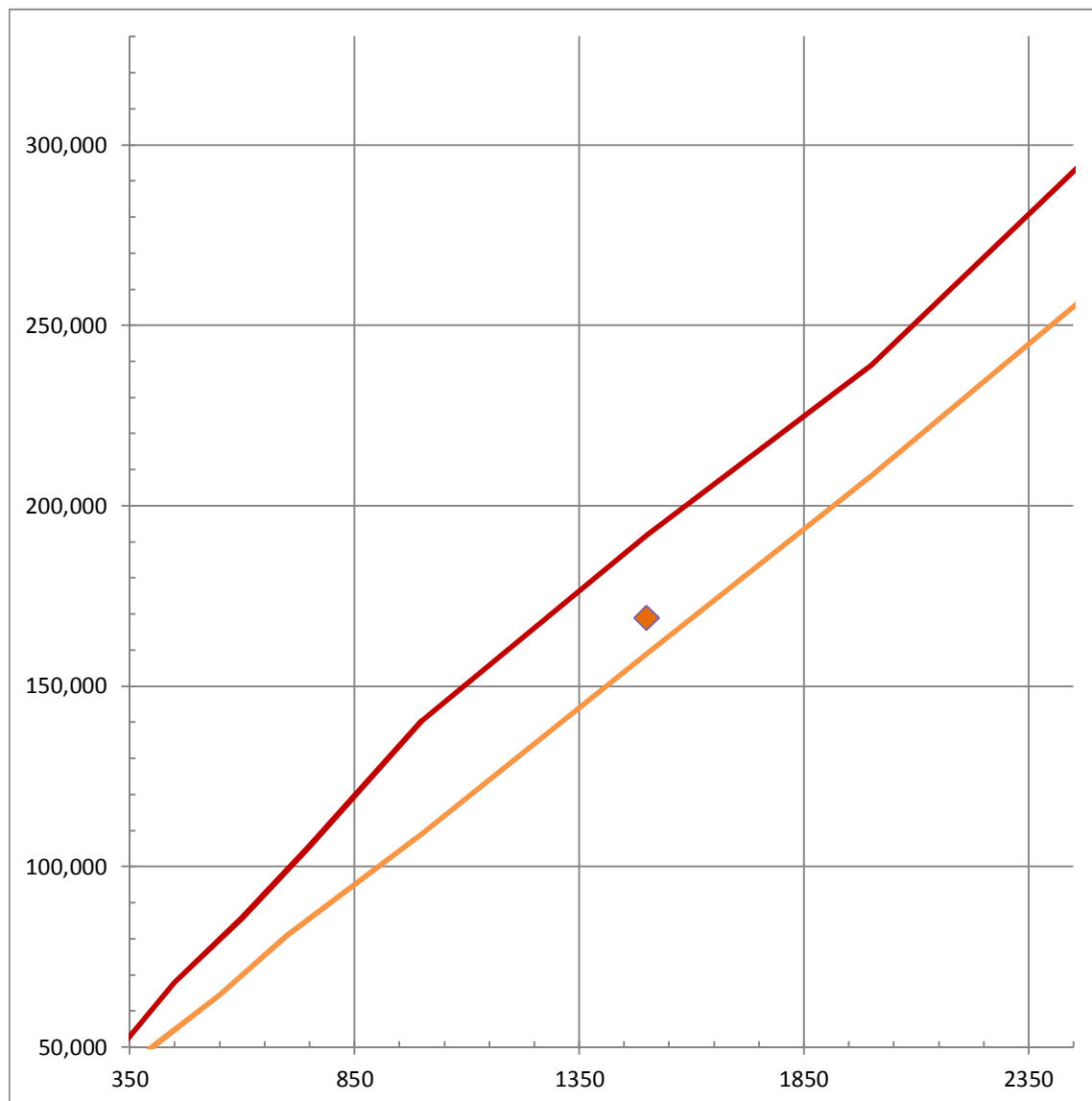
450

SF/student

112.61

Total SF for building

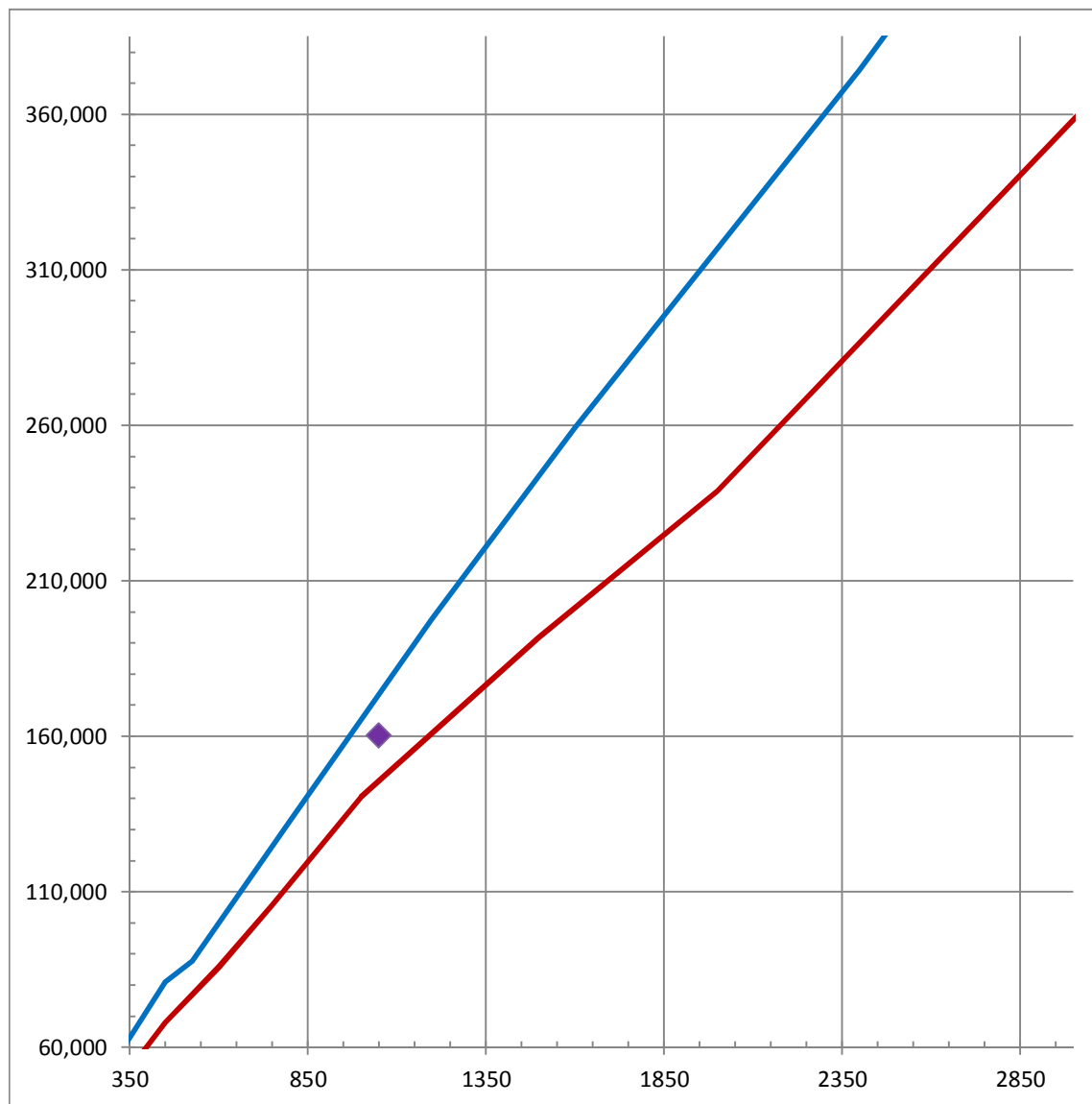
168,919



COMBINATION SCHOOLS
SQUARE FOOT ALLOWANCE

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Enter # of students grades 6 – 8	450
Enter # of students grades 9 – 12	600
SF/student	152.54
Total SF for building	160,166



CHAPTER 2: BRACKETING

SUMMARY OF SPACES

Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

EXAMPLE	400 Students	550 Students	700 Students	1000 Students	1500 Students	2000 Students
	SF	SF	SF	SF	SF	SF
Grade Configuration: PK-5						
Number of Students	400	550	700	1,000	1,500	2,000
Square Feet Per Student	125.00	117.31	115.60	109.16	105.93	104.19
Total Gross Square Feet Funded	50,000	64,520	80,920	109,163	158,888	208,383
PROGRAM AREA						
E-AC Academic Core Spaces	16,680	23,500	29,060	42,280	62,640	82,280
E-SE Special Education Spaces	1,150	1,750	2,300	3,100	4,900	6,650
E-AD Administrative Spaces	2,173	2,569	3,519	3,615	5,530	6,340
E-MC Media Center Spaces	1,810	2,520	3,260	3,970	5,720	7,220
E-VA Visual Arts Spaces	1,400	1,425	2,650	2,900	4,250	5,600
E-MU Music Spaces	1,200	1,200	1,200	1,400	2,600	3,900
E-PE Physical Education Spaces	3,700	4,300	5,100	6,500	7,600	10,800
E-SD Student Dining Spaces	4,180	4,430	5,280	6,980	9,980	12,830
E-FS Food Service Spaces	1,615	2,140	2,665	3,855	5,605	7,355
E-CU Custodial Spaces	300	400	500	700	900	900
E-BS Building Services	11,247	14,420	18,030	23,939	34,718	45,564
Facility Total	45,455	58,654	73,564	99,239	144,443	189,439
Construction Factor	0.10	0.10	0.10	0.10	0.10	0.10
Gross Square Feet Developed	50,000	64,520	80,920	109,163	158,888	208,383

Worksheet Summary			
Enter Grade Configuration			
Enter Student Enrollment			
Square Feet Per Student from Page 2000-2			
Total Gross Square Feet Funded		0	
SELECT ONE <input checked="" type="radio"/> Single or Two Story Building <input type="radio"/> 3 Stories or greater			
Vert. Cir. Area Allowance (3 Stories or greater)		0	
Total Adjusted POR Gross Square Footage		0	
PROGRAM AREA	New SF	Exst. SF*	TOTAL SF
E-AC Academic Core Spaces	0	0	0
E-SE Special Education Spaces	0	0	0
E-AD Administrative Spaces	0	0	0
E-MC Media Center Spaces	0	0	0
E-VA Visual Arts Spaces	0	0	0
E-MU Music Spaces	0	0	0
E-PE Physical Education Spaces	0	0	0
E-SD Student Dining Spaces	0	0	0
E-FS Food Service Spaces	0	0	0
E-CU Custodial Spaces	0	0	0
E-BS Building Services	0	0	0
Facility Total	0	0	0
Construction Factor (10% x facility total)	0.10	na	na
Gross Square Feet (GSF) Developed	0	0	0
Minus exst. co-funded Oversize Area from Master Plan		0	
Adjusted Existing Area		0	-
Total Adjusted GSF Developed (without Oversize Area)			0
Difference of GSF developed from GSF allowable			0

Vert. Cir. = Vertical Circulation (3 Stories or greater)
refers only to stairways/stairtowers,
monumental stairs, elevators and
elevator equipment rooms.

See Note 1

See Note 2

Worksheet Summary Notes	
Number	Notes:
1	Existing Gross Square Feet taken from master facility plan.
2	Oversize Area also taken from master facility plan.
*	The Existing SF column is used in projects where there are to be building additions or renovations.

ACADEMIC CORE SPACES

E-AC

The following school size examples illustrate the suggested instructional and support spaces.

The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		400 Students			550 Students			700 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-AC-1	Pre-Kindergarten Classroom	1	1200	1200	2	1200	2400	2	1200	2400
E-AC-1	Kindergarten Classroom	1	1200	1200	2	1200	2400	2	1200	2400
E-AC-2	Pre-Kindergarten Restroom	1	60	60	2	60	120	2	60	120
E-AC-2	Kindergarten Restroom	1	60	60	2	60	120	2	60	120
E-AC-3	Elementary Classroom	14	900	12600	18	900	16,200	24	900	21,600
E-AC-4	Science/Computer Lab	1	1000	1000	1	1000	1000	1	1000	1,000
E-AC-5	Teacher Prep Area/Workroom	1	300	300	1	300	300	2	300	600
E-AC-6	Individual Restroom	1	60	60	1	60	60	2	60	120
E-AC-7	Instructional Material Storage	1	200	200	2	200	400	2	200	400
E-AC-8	Small Group Room	0	150	0	3	167	500	2	150	300
E-AC-9	Multi-use Studio	0	1,500	0	0	1,500	0	0	1,500	0
E-AC-10	Kinesthetic Learning Studio	0	1,200	0	0	1,200	0	0	1,200	0
Academic Core Total				16,680			23,500			29,060

See Note 1

See Note 1

See Note 1

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-AC-1	Pre-Kindergarten Classroom	4	1200	4800	6	1200	7200	6	1200	7200
E-AC-1	Kindergarten Classroom	6	1200	7200	9	1200	10800	12	1200	14400
E-AC-2	Pre-Kindergarten Restroom	4	60	240	6	60	360	6	60	360
E-AC-2	Kindergarten Restroom	6	60	360	9	60	540	12	60	720
E-AC-3	Elementary Classroom	30	900	27000	45	900	40,500	62	900	55,800
E-AC-4	Science/Computer Lab	1	1000	1000	1	1000	1000	1	1000	1,000
E-AC-5	Teacher Prep Area/Workroom	3	300	900	4	300	1,200	5	300	1,500
E-AC-6	Individual Restroom	3	60	180	4	60	240	5	60	300
E-AC-7	Instructional Material Storage	3	200	600	4	200	800	5	200	1,000
E-AC-8	Small Group Room	0	150	0	0	150	0	0	150	0
E-AC-9	Multi-use Studio	0	1,500	0	0	1,500	0	0	1,500	0
E-AC-10	Kinesthetic Learning Studio	0	1,500	0	0	1,700	0	0	2,000	0
Academic Core Total				42,280			62,640			82,280

See Note 1

See Note 1

See Note 1

Academic Core Worksheet										
		New SF			Existing SF			TOTAL SF		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-AC-1	Pre-Kindergarten Classroom	0	1200	0	0	0	0	0	varies	0
E-AC-1	Kindergarten Classroom	0	1200	0	0	0	0	0	varies	0
E-AC-2	Pre-Kindergarten Restroom	0	60	0	0	0	0	0	varies	0
E-AC-2	Kindergarten Restroom	0	60	0	0	0	0	0	varies	0
E-AC-3	Elementary Classroom	0	900	0	0	0	0	0	varies	0
E-AC-4	Science/Computer Lab	0	1,000	0	0	0	0	0	varies	0
E-AC-5	Teacher Prep Area/Workroom	0	300	0	0	0	0	0	varies	0
E-AC-6	Individual Restroom	0	60	0	0	0	0	0	varies	0
E-AC-7	Instructional Material Storage	0	200	0	0	0	0	0	varies	0
E-AC-8	Small Group Room	0	150	0	0	0	0	0	varies	0
E-AC-9	Multi-use Studio	0	1,500	0	0	0	0	0	varies	0
E-AC-10	Kinesthetic Learning Studio	0	1,200	0	0	0	0	0	varies	0
Academic Core Total				0			0			0

See Note 1

See Note 1

See Note 1

Academic Core Notes	
Number	Notes:
1	Spaces E-AC-8, E-AC-9, E-AC-10 are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are E-AC-8=150 SF, E-AC-9=1500, E-AC-10=1200 SF.

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		400 Students			550 Students			700 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-SE-1	Self-contained Classroom	1	900	900	1	900	900	1	900	900	See Note 1
E-SE-2	Workroom/Conference	1	150	150	1	150	150	2	150	300	See Note 2
E-SE-3	Restroom/Shower	1	100	100	1	100	100	2	100	200	See Note 3
E-SE-4	Special Education/Resource	0	900	0	0	900	0	1	900	900	
E-SE-5	Small Self-contained Classroom	0	600	0	1	600	600	0	600	0	
Special Education Total				1,150			1,750			2,300	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-SE-1	Self-contained Classroom	2	900	1,800	3	900	2,700	3	900	2,700	See Note 1
E-SE-2	Workroom/Conference	2	150	300	2	150	300	3	150	450	See Note 2
E-SE-3	Restroom/Shower	1	100	100	1	100	100	2	100	200	See Note 3
E-SE-4	Special Education/Resource	1	900	900	2	900	1,800	3	900	2,700	
E-SE-5	Small Self-contained Classroom	0	600	0	0	600	0	1	600	600	
Special Education Total				3,100			4,900			6,650	

Special Education Worksheet											
		New SF			Existing SF			TOTAL SF			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-SE-1	Self-contained Classroom	0	900	0	0	0	0	0	varies	0	See Note 1
E-SE-2	Workroom/Conference	0	150	0	0	0	0	0	varies	0	See Note 2
E-SE-3	Restroom/Shower	0	100	0	0	0	0	0	varies	0	See Note 3
E-SE-4	Special Education/Resource	0	900	0	0	0	0	0	varies	0	
E-SE-5	Small Self-contained Classroom	0	600	0	0	0	0	0	varies	0	
Special Education Total				0			0			0	

Special Education Notes	
Number	Notes:
1	Self-contained classroom(s) could 'house' various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.
2	Workroom/Conference could 'house' orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.
3	Special Education/Resource could 'house' cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic, brain injury, learning disability, deaf/blindness, etc. See Chapter 1, Section 1110 for more information.
	For student capacities above 2,000 students, areas remain the same or increase proportionally as indicated in the examples.

Sample School District, SAMPLE ELEMENTARY SCHOOL
ADMINISTRATIVE SPACES
E-AD

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		400 Students			550 Students			700 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-AD-1	Reception Area	1	239	239	1	345	345	1	377	377	See Note 1
E-AD-2	Secretarial Area	1	239	239	1	344	344	1	377	377	See Note 2
E-AD-3	Principal's Office	1	150	150	1	150	150	1	150	150	
E-AD-4	Assistant Principal's Office	0	120	0	0	120	0	1	120	120	
E-AD-5	Conference Room	1	250	250	1	250	250	2	250	500	
E-AD-6	Mail/Work/Copy Room	1	200	200	1	250	250	1	300	300	See Note 3
E-AD-7	Administrative Storage	1	150	150	1	150	150	1	150	150	
E-AD-8	Vault/Records Storage	1	85	85	1	100	100	1	115	115	See Note 4
E-AD-9	In-school Suspension	1	225	225	1	250	250	1	300	300	See Note 5
E-AD-10	Restroom	1	60	60	1	60	60	1	60	60	
E-AD-11	Guidance Counselor's Office	1	100	100	1	100	100	2	100	200	
E-AD-12	Guidance Records/Storage	1	55	55	1	100	100	1	100	100	
E-AD-13	Parent/Volunteer Room	0	200	0	0	200	0	1	200	200	
E-AD-14	Health Clinic (incl. RR)	1	300	300	1	350	350	1	450	450	See Note 6
E-AD-15	Itinerant Personnel Office	1	120	120	1	120	120	1	120	120	
Administrative Total				2,173			2,569			3,519	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-AD-1	Reception Area	2	200	400	2	300	600	2	350	700	See Note 1
E-AD-2	Secretarial Area	2	200	400	2	300	600	2	350	700	See Note 2
E-AD-3	Principal's Office	1	150	150	1	150	150	1	150	150	
E-AD-4	Assistant Principal's Office	1	120	120	2	120	240	3	120	360	
E-AD-5	Conference Room	1	250	250	2	250	500	2	250	500	
E-AD-6	Mail/Work/Copy Room	1	400	400	2	300	600	2	300	600	See Note 3
E-AD-7	Administrative Storage	2	100	200	2	150	300	2	150	300	
E-AD-8	Vault/Records Storage	1	80	80	1	80	80	1	100	100	See Note 4
E-AD-9	In-school Suspension	1	400	400	1	500	500	1	600	600	See Note 5
E-AD-10	Restroom	1	60	60	2	60	120	2	60	120	
E-AD-11	Guidance Counselor's Office	3	120	360	5	120	600	6	120	720	
E-AD-12	Guidance Records/Storage	1	75	75	1	100	100	1	150	150	
E-AD-13	Parent/Volunteer Room	1	200	200	1	300	300	1	300	300	
E-AD-14	Health Clinic (incl. RR)	1	400	400	1	600	600	1	800	800	See Note 6
E-AD-15	Itinerant Personnel Office	1	120	120	2	120	240	2	120	240	
Administrative Total				3,615			5,530			6,340	

Square Footage Allowance Notes						
Student Enrollment	1	2	3	4	5	6
350-400 Students	200	200	200	50	225	300
401-550 Students	300	300	250	65	250	350
551-700 Students	400	400	300	80	300	450
701-1000 Students	200	200	400	80	400	400
1001-1500 Students	300	300	300	80	500	600
1501-2000 Students	350	350	300	100	600	800
Enrollment Determines SF Allowed						

Administrative Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-AD-1	Reception Area	0	200	0	0	0	0	0	varies	0	See Note 1
E-AD-2	Secretarial Area	0	200	0	0	0	0	0	varies	0	See Note 2
E-AD-3	Principal's Office	0	150	0	0	0	0	0	varies	0	
E-AD-4	Assistant Principal's Office	0	120	0	0	0	0	0	varies	0	
E-AD-5	Conference Room	0	250	0	0	0	0	0	varies	0	
E-AD-6	Mail/Work/Copy Room	0	200	0	0	0	0	0	varies	0	See Note 3
E-AD-7	Administrative Storage	0	150	0	0	0	0	0	varies	0	
E-AD-8	Vault/Records Storage	0	50	0	0	0	0	0	varies	0	See Note 4
E-AD-9	In-school Suspension	0	225	0	0	0	0	0	varies	0	See Note 5
E-AD-10	Restroom	0	60	0	0	0	0	0	varies	0	
E-AD-11	Guidance Counselor's Office	0	120	0	0	0	0	0	varies	0	
E-AD-12	Guidance Records/Storage	0	100	0	0	0	0	0	varies	0	
E-AD-13	Parent/Volunteer Room	0	200	0	0	0	0	0	varies	0	
E-AD-14	Health Clinic (incl. RR)	0	300	0	0	0	0	0	varies	0	See Note 6
E-AD-15	Itinerant Personnel Office	0	120	0	0	0	0	0	varies	0	
Administrative Total				0	0			0			

Square Footage Allowance Notes						
Student Enrollment	1	2	3	4	5	6
350-400 Students	200	200	200	50	225	300
401-550 Students	300	300	250	65	250	350
551-700 Students	400	400	300	80	300	450
701-1000 Students	200	200	400	80	400	400
1001-1500 Students	300	300	300	80	500	600
1501-2000 Students	350	350	300	100	600	800
Enrollment Determines SF Allowed						

Sample School District, SAMPLE ELEMENTARY SCHOOL
MEDIA CENTER SPACES
E-MC

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		400 Students			550 Students			700 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-MC-1	Reading Room/Circulation	1	1,200	1,200	1	1,650	1,650	1	2,100	2,100	See Note 1
E-MC-2	Media Specialist Office	1	120	120	1	120	120	1	120	120	See Note 2
E-MC-3	Workroom/Storage	1	190	190	1	250	250	1	340	340	
E-MC-4	Main Control/Equipment Rm	1	300	300	1	300	300	1	300	300	
E-MC-5	Conference Room	0	200	0	1	200	200	2	200	400	
Media Center Total				1,810			2,520			3,260	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-MC-1	Reading Room/Circulation	1	3,000	3,000	1	4,500	4,500	1	6,000	6,000	See Note 1
E-MC-2	Media Specialist Office	1	120	120	1	120	120	1	120	120	See Note 2
E-MC-3	Workroom/Storage	1	350	350	1	400	400	1	400	400	
E-MC-4	Main Control/Equipment Rm	1	300	300	1	300	300	1	300	300	
E-MC-5	Conference Room	1	200	200	2	200	400	2	200	400	
Media Center Total				3,970			5,720			7,220	

Media Center Worksheet											
		New SF			Existing SF			TOTAL SF			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-MC-1	Reading Room/Circulation	0	0	0	0	0	0	0	varies	0	See Note 1
E-MC-2	Media Specialist Office	0	120	0	0	0	0	0	varies	0	See Note 2
E-MC-3	Workroom/Storage	0	190	0	0	0	0	0	varies	0	
E-MC-4	Main Control/Equipment Rm	0	300	0	0	0	0	0	varies	0	
E-MC-5	Conference Room	0	200	0	0	0	0	0	varies	0	
Media Center Total				0			0			0	

Media Center Notes	
Number	Notes:
1	The size of the Reading Room/Circulation space is equal to 10% of the student enrollment multiplied by 30 SF per student.

Square Footage Allowance Notes	
Student Enrollment	2
350-400 Students	190
401-550 Students	250
551-700 Students	340
701-1000 Students	350
1001-1500 Students	400
1501-2000 Students	400
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE	400 Students			550 Students			700 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-VA-1 Art Room	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400
E-VA-2 Kiln/Ceramic Storage	1	100	100	1	100	100	1	100	100
E-VA-3 Art Material Storage	1	100	100	1	125	125	1	150	150
Visual Arts Total			1,400			1,425			2,650

See Note 1

EXAMPLE	1000 Students			1500 Students			2000 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-VA-1 Art Room	2	1,200	2,400	3	1,200	3,600	4	1,200	4,800
E-VA-2 Kiln/Ceramic Storage	2	100	200	2	100	200	2	100	200
E-VA-3 Art Material Storage	2	150	300	3	150	450	4	150	600
Visual Arts Total			2,900			4,250			5,600

See Note 1

Visual Art Worksheet									
		New SF			Existing SF			TOTAL SF	
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-VA-1 Art Room	0	1,200	0	0	0	0	0	varies	0
E-VA-2 Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0
E-VA-3 Art Material Storage	0	100	0	0	0	0	0	varies	0
Visual Arts Total			0			0			0

See Note 1

Square Footage Allowance Notes	
Student Enrollment	1
350-400 Students	100
401-550 Students	125
551-700 Students	150
701-1000 Students	150
1001-1500 Students	150
1501-2000 Students	150
Enrollment Determines SF Allowed	

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		400 Students			550 Students			700 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-MU-1	Music Room	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200
E-MU-2	Music Storage	0	100	0	0	100	0	0	100	0
Music Total				1,200			1,200			1,200

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-MU-1	Music Room	1	1,200	1,200	2	1,200	2,400	3	1,200	3,600
E-MU-2	Music Storage	2	100	200	2	100	200	3	100	300
Music Total				1,400			2,600			3,900

Music Worksheet										
		New SF			Existing SF			TOTAL SF		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-MU-1	Music Room	0	1,200	0	0	0	0	0	varies	0
E-MU-2	Music Storage	0	100	0	0	0	0	0	varies	0
Music Total				0			0			0

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		400 Students			550 Students			700 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-PE-1	Gymnasium	1	3,500	3,500	1	4,000	4,000	1	4,700	4,700
E-PE-2	P. E. Workroom/Storage	1	200	200	1	300	300	1	400	400
Physical Education Total				3,700			4,300			5,100

See Note 1

See Note 2

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-PE-1	Gymnasium	1	6,000	6,000	1	7,000	7,000	2	5,000	10,000
E-PE-2	P. E. Workroom/Storage	1	500	500	1	600	600	2	400	800
Physical Education Total				6,500			7,600			10,800

See Note 1

See Note 2

Physical Education Worksheet										
		New SF			Existing SF			TOTAL SF		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-PE-1	Gymnasium	0	3,500	0	0	0	0	0	varies	0
E-PE-2	P. E. Workroom/Storage	0	200	0	0	0	0	0	varies	0
Physical Education Total				0			0			0

See Note 1

See Note 2

Square Footage Allowance Notes		
Student Enrollment	1	2
350-400 Students	3500	200
401-550 Students	4000	300
551-700 Students	4700	400
701-1000 Students	6000	500
1001-1500 Students	7000	600
1501-2000 Students	5000	400
Enrollment Determines SF Allowed		

Sample School District, SAMPLE ELEMENTARY SCHOOL
STUDENT DINING SPACES
E-SD

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces
The examples are intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE		400 Students			550 Students			700 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-SD-1	Student Dining	1	3,000	3,000	1	3,000	3,000	1	3,500	3,500	See Note 1
E-SD-2	Stage	1	900	900	1	1,100	1,100	1	1,400	1,400	
E-SD-3	Staff Dining	0	200	0	0	250	0	0	300	0	See Note 2
E-SD-4	Table Storage	1	200	200	1	250	250	1	300	300	See Note 3
E-SD-5	Family Restroom	1	80	80	1	80	80	1	80	80	
Student Dining Total				4,180			4,430			5,280	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-SD-1	Student Dining	1	5,000	5,000	1	7,500	7,500	1	10,000	10,000	See Note 1
E-SD-2	Stage	1	1,200	1,200	1	1,500	1,500	1	1,750	1,750	
E-SD-3	Staff Dining	1	300	300	1	300	300	1	400	400	See Note 2
E-SD-4	Table Storage	2	200	400	2	300	600	2	300	600	See Note 3
E-SD-5	Family Restroom	1	80	80	1	80	80	1	80	80	
Student Dining Total				6,980			9,980			12,830	

Student Dining Worksheet											
		New SF			Existing SF			TOTAL SF			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-SD-1	Student Dining	0	3,000	0	0	0	0	0	varies	0	See Note 1
E-SD-2	Stage	0	900	0	0	0	0	0	varies	0	
E-SD-3	Staff Dining	0	200	0	0	0	0	0	varies	0	See Note 2
E-SD-4	Table Storage	0	200	0	0	0	0	0	varies	0	See Note 3
E-SD-5	Family Restroom	0	80	0	0	0	0	0	varies	0	
Student Dining Total				0			0			0	

Student Dining Notes	
Number	Notes:
1	The size of the Student Dining space is equal to one-third of the student enrollment multiplied by 15 SF per student or 3,000 SF, whichever is greater.

Square Footage Allowance Notes		
Student Enrollment	2	3
350-400 Students	200	200
401-550 Students	250	250
551-700 Students	300	300
701-1000 Students	300	200
1001-1500 Students	300	300
1501-2000 Students	400	300
Enrollment Determines SF Allowed		

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces
The examples are intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE		400 Students			550 Students			700 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-FS-0	Warming Kitchen	0	800	0	0	1,100	0	0	1,400	0
E-FS-1	Kitchen (total)	1		1,400	1		1,925	1		2,450
E-FS-1a	Preparation Area		504			693			882	
E-FS-1b	Serving Area		476			655			833	
E-FS-1c	Dry Food Storage		154			212			270	
E-FS-1d	Cooler/Freezer		140			193			245	
E-FS-1e	Ware Washing		126			173			221	
E-FS-2	Dietician Office	1	75	75	1	75	75	1	75	75
E-FS-3	Restroom/Locker Rm	1	140	140	1	140	140	1	140	140
Food Service Total				1,615			2,140			2,665

See Note 1
See Note 1 & 2
See Kitchen Area Notes
See Kitchen Area Notes
See Kitchen Area Notes
See Kitchen Area Notes
See Kitchen Area Notes

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-FS-0	Warming Kitchen	0	0	0	0	0	0	0	0	0
E-FS-1	Kitchen (total)	1		3,500	1		5,250	1		7,000
E-FS-1a	Preparation Area		1,260			1,890			2,520	
E-FS-1b	Serving Area		1,190			1,785			2,380	
E-FS-1c	Dry Food Storage		385			578			770	
E-FS-1d	Cooler/Freezer		350			525			700	
E-FS-1e	Ware Washing		315			473			630	
E-FS-2	Dietician Office	1	75	75	1	75	75	1	75	75
E-FS-3	Restroom/Locker Rm	2	140	280	2	140	280	2	140	280
Food Service Total				3,855			5,605			7,355

See Note 1
See Note 1 & 2
See Kitchen Area Notes
See Kitchen Area Notes
See Kitchen Area Notes
See Kitchen Area Notes
See Kitchen Area Notes

Food Service Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-FS-0	Warming Kitchen	0	0	0	0	0	0	0	varies	0
E-FS-1	Kitchen (total)	0		0	0		0	0		0
E-FS-1a	Preparation Area		0			0			varies	
E-FS-1b	Serving Area		0			0			varies	
E-FS-1c	Dry Food Storage		0			0			varies	
E-FS-1d	Cooler/Freezer		0			0			varies	
E-FS-1e	Ware Washing		0			0			varies	
E-FS-2	Dietician Office	0	75	0	0	0	0	0	varies	0
E-FS-3	Restroom/Locker Rm	0	140	0	0	0	0	0	varies	0
Food Service Total				0			0			0

See Note 1
See Note 1 & 2
See Kitchen Area Notes
See Kitchen Area Notes
See Kitchen Area Notes
See Kitchen Area Notes
See Kitchen Area Notes

Food Service Notes	
Number	Notes:
1	Only one of the two Kitchens is to be used - either E-FS-0 or E-FS-1 - not both.
2	The size of the kitchen is equal to the sum of preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.

Kitchen Area Sizes					
Food Service Area	Enroll	X	SF/Student	x	%
Preparation Area	Enroll	x	3.5	x	36%
Serving Areas	Enroll	x	3.5	x	34%
Dry Food Storage	Enroll	x	3.5	x	11%
Cooler/	Enroll	x	3.5	x	10%
Ware Washing Area	Enroll	x	3.5	x	9%
Warming Kitchen	Enroll	x	2.0		
Multiply Enrollment x SF/Student x % to achieve size of area					

Sample School District, SAMPLE ELEMENTARY SCHOOL
CUSTODIAL SPACES
E-CU

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE		400 Students			550 Students			700 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-CU-1	Workroom	1	200	200	1	300	300	1	400	400
E-CU-2	Custodial Office	1	100	100	1	100	100	1	100	100
Custodial Total				300			400			500

See Note 1

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-CU-1	Workroom	2	300	600	2	400	800	2	400	800
E-CU-2	Custodial Office	1	100	100	1	100	100	1	100	100
Custodial Total				700			900			900

See Note 1

Custodial Worksheet										
		New SF			Existing SF			TOTAL SF		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-CU-1	Workroom	0	200	0	0	0	0	0	varies	0
E-CU-2	Custodial Office	0	100	0	0	0	0	0	varies	0
Custodial Total				0			0			0

See Note 1

Square Footage Allowance Notes	
Student Enrollment	1
350-400 Students	200
401-550 Students	300
551-700 Students	400
701-1000 Students	300
1001-1500 Students	400
1501-2000 Students	400
Enrollment Determines SF Allowed	

The following school size examples illustrate the suggested instructional and support spaces.
The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		400 Students			550 Students			700 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-BS-1	Large Group Restrooms	-	1,197	1,197	-	1,548	1,548	-	1,944	1,944	See Build Svc Sizes
E-BS-2	Custodial Closet	2	50	100	2	50	100	3	50	150	
E-BS-3	Electrical Closet	2	50	100	2	50	100	3	50	150	
E-BS-4	Telecommunications Room (TR)	2	64	128	2	64	128	2	64	128	See Note 1
E-BS-5	Corridors	-	6,842	6,842	-	8,847	8,847	-	11,107	11,107	See Build Svc Sizes
	Vertical Circulation	-	0	0	-	0	0	-	0	0	See Note 2
E-BS-6	Mechanical/Electrical Space/Decks	-	2,360	2,360	-	3,052	3,052	-	3,832	3,832	See Build Svc Sizes
E-BS-7	Storage Area	1	150	150	1	200	200	1	250	250	See SF Allowance
E-BS-8	Central Storage Area	1	170	170	1	235	235	1	240	240	See SF Allowance
E-BS-9	Loading/Receiving Area	1	120	120	1	120	120	1	120	120	
E-BS-10	Restroom	0	60	0	0	60	0	0	60	0	
E-BS-11	Recycling Room	1	80	80	1	90	90	1	110	110	See SF Allowance
Building Services Total				11,247			14,420			18,030	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-BS-1	Large Group Restrooms	-	2,636	2,636	-	3,840	3,840	-	5,036	5,036	See Build Svc Sizes
E-BS-2	Custodial Closet	2	50	100	3	50	150	4	50	200	
E-BS-3	Electrical Closet	2	50	100	3	50	150	4	50	200	
E-BS-4	Telecommunications Room (TR)	2	64	128	3	64	192	4	64	256	See Note 1
E-BS-5	Corridors	-	15,060	15,060	-	21,945	21,945	-	28,775	28,775	See Build Svc Sizes
	Vertical Circulation	-	0	0	-	0	0	-	0	0	See Note 2
E-BS-6	Mechanical/Electrical Space/Decks	-	5,196	5,196	-	7,571	7,571	-	9,927	9,927	See Build Svc Sizes
E-BS-7	Storage Area	1	250	250	1	250	250	1	350	350	See SF Allowance
E-BS-8	Central Storage Area	1	240	240	1	360	360	1	540	540	See SF Allowance
E-BS-9	Loading/Receiving Area	1	120	120	1	120	120	1	120	120	
E-BS-10	Restroom	0	60	0	0	60	0	0	60	0	
E-BS-11	Recycling Room	1	110	110	1	140	140	1	160	160	See SF Allowance
Building Services Total				23,939			34,718			45,564	

Building Services Notes	
Number	Notes:
1	Size of Telecommunications Room varies with size of elementary school. See page 41114.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room.

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Large Group Restrooms	Prog	x	3.5
Corridors	Prog	x	20.0
Mechanical/Electrical Space/Decks	Prog	x	6.9
Multiply Sum of Program Areas - Building Services x % to achieve size of area			

Square Footage Allowance Notes			
Student Enrollment	Stor	Ctl Stor	Recyle
350-400 Students	150	170	80
401-550 Students	200	235	90
551-700 Students	250	240	110
701-1000 Students	250	240	110
1001-1500 Students	250	360	140
1501-2000 Students	350	540	160
Enrollment Determines SF Allowed			

Building Services Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-BS-1	Large Group Restrooms	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
E-BS-2	Custodial Closet	0	50	0	0	0	0	0	varies	0	
E-BS-3	Electrical Closet	0	50	0	0	0	0	0	varies	0	
E-BS-4	Telecommunications Room (TR)	0	64	0	0	0	0	0	varies	0	See Note 1
E-BS-5	Corridors	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
	Vertical Circulation	-	0	0	-	0	0	-	varies	0	See Note 2
E-BS-6	Mechanical/Electrical Space/Decks	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
E-BS-7	Storage Area	0	150	0	0	0	0	0	varies	0	See SF Allowance
E-BS-8	Central Storage Area	0	170	0	0	0	0	0	varies	0	See SF Allowance
E-BS-9	Loading/Receiving Area	0	120	0	0	0	0	0	varies	0	
E-BS-10	Restroom	0	60	0	0	0	0	0	varies	0	
E-BS-11	Recycling Room	0	80	0	0	0	0	0	varies	0	See SF Allowance
Building Services Total				0			0			0	

Building Services Notes	
Number	Notes:
1	Size of Telecommunications Room varies with size of elementary school. See page 4111-4.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room.

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Large Group Restrooms	Prog	x	3.5
Corridors	Prog	x	20.0
Mechanical/Electrical Space/Decks	Prog	x	6.9
Multiply Sum of Program Areas - Building Services x % to achieve size of area			

Square Footage Allowance Notes			
Student Enrollment	Stor	Ctl Stor	Recycle
350-400 Students	150	170	80
401-550 Students	200	235	90
551-700 Students	250	240	110
701-1000 Students	250	240	110
1001-1500 Students	250	360	140
1501-2000 Students	350	540	160
Enrollment Determines SF Allowed			

CHAPTER 2: BRACKETING

SUMMARY OF SPACES

Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

EXAMPLES	450 Students	600 Students	750 Students	1000 Students	1500 Students	2000 Students
	SF	SF	SF	SF	SF	SF
Grade Configuration: 6-8						
Number of Students	450	600	750	1,000	1,500	2,000
Square Feet Per Student	151.00	142.88	141.00	140.37	127.83	119.45
Total Gross Square Feet Funded	67,950	85,725	105,750	140,370	191,742	238,908
PROGRAM AREA						
M-AC Academic Core Spaces	19,480	25,980	31,380	41,980	60,940	79,510
M-SE Special Education Spaces	1,750	2,350	3,700	4,000	4,900	6,650
M-AD Administrative Spaces	2,282	2,750	3,380	4,190	5,530	6,140
M-MC Media Center Spaces	2,755	3,433	4,105	4,980	6,870	8,620
M-VA Visual Arts Spaces	1,400	1,450	2,700	2,900	4,250	5,600
M-MU Music Spaces	1,600	2,900	3,000	4,400	5,800	5,800
M-TE Technology Education Spaces	1,450	1,450	2,750	4,050	4,200	5,600
M-FCS Family and Consumer Science Spaces	0	1,200	1,200	1,200	2,400	2,400
M-PE Physical Education Spaces	9,300	9,825	10,600	16,575	20,050	22,250
M-SD Student Dining Spaces	4,150	4,300	5,812	7,180	9,980	12,830
M-FS Food Service Spaces	1,790	2,315	2,840	3,855	5,605	7,355
M-CU Custodial Spaces	300	400	500	700	900	900
M-BS Building Services	14,960	18,876	23,304	30,449	41,315	51,577
Facility Total	61,217	77,229	95,270	126,459	172,740	215,232
Construction Factor	0.11	0.11	0.11	0.11	0.11	0.11
Gross Square Feet Developed	67,951	85,725	105,750	140,370	191,742	238,908

Worksheet Summary			
Enter Grade Configuration:			
Enter Student Enrollment			
Square Feet Per Student from Page 2000-3			
Total Gross Square Feet Funded		0	
SELECT ONE <input checked="" type="radio"/> Single or Two Story <input type="radio"/> 3 Stories or greater			
Vert. Cir. Area Allowance (3 Stories or greater)		0	
Total Adjusted POR Gross Square Footage		0	
PROGRAM AREA	New SF	Exst. SF*	TOTAL SF
M-AC Academic Core Spaces	0	0	0
M-SE Special Education Spaces	0	0	0
M-AD Administrative Spaces	0	0	0
M-MC Media Center Spaces	0	0	0
M-VA Visual Arts Spaces	0	0	0
M-MU Music Spaces	0	0	0
M-TE Technology Education Spaces	0	0	0
M-FCS Family and Consumer Science Spaces	0	0	0
M-PE Physical Education Spaces	0	0	0
M-SD Student Dining Spaces	0	0	0
M-FS Food Service Spaces	0	0	0
M-CU Custodial Spaces	0	0	0
M-BS Building Services	0	0	0
Facility Total	0	0	0
Construction Factor (11% multiplied by the facility total)	0.11	na	na
Gross Square Feet (GSF) Developed	0	0	0
Minus exst. co-funded Oversize Area from Master Plan		0	-
Adjusted Existing Area		0	-
Total Adjusted GSF Developed (without Oversize Area)			0
Difference of GSF developed from GSF allowable			0

Vertical Circulation (3 Stories or greater) refers only to stairways/stairtowers, monumental stairs, elevators and elevator equipment rooms.

See Note 1

See Note 2

Worksheet Summary Notes	
Number	Notes:
1	Existing Gross Square Feet taken from master facility plan.
2	Oversize Area also taken from master facility plan.
*	The Existing SF column is used in projects where there are to be building additions or renovations.

Sample School District, SAMPLE MIDDLE SCHOOL
ACADEMIC CORE SPACES
M-AC

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-AC-1	Middle School Classroom	15	900	13,500	18	900	16,200	24	900	21,600
M-AC-2	Project Laboratory	3	1,100	3,300	6	1,100	6,600	6	1,100	6,600
M-AC-3	Sci/Tech/Eng/Math/Computer Lab	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
M-AC-4	Teacher Prep Area/Workroom	3	300	900	3	300	900	3	300	900
M-AC-5	Individual Restroom	3	60	180	3	60	180	3	60	180
M-AC-6	Instructional Material Storage	3	200	600	3	200	600	3	200	600
M-AC-7	Small Group Room	0	150	0	0	150	0	0	150	0
M-AC-7a	Small Group Room	0	150	0	3	167	500	3	167	500
M-AC-8	Multi-use Studio	0	1,500	0	0	1,500	0	0	1,500	0
M-AC-9	Kinesthetic Learning Studio	0	1,200	0	0	1,200	0	0	1,200	0
Academic Core Total				19,480			25,980			31,380

See note 1
See note 1
See note 1

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-AC-1	Middle School Classroom	36	900	32,400	54	900	48,600	72	900	64,800
M-AC-2	Project Laboratory	6	1,100	6,600	8	1,100	8,800	9	1,100	9,900
M-AC-3	Sci/Tech/Eng/Math/Computer Lab	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
M-AC-4	Teacher Prep Area/Workroom	3	300	900	4	300	1,200	6	300	1,800
M-AC-5	Individual Restroom	3	60	180	4	60	240	6	60	360
M-AC-6	Instructional Material Storage	3	200	600	4	200	800	6	200	1,200
M-AC-7	Small Group Room	2	150	300	2	150	300	3	150	450
M-AC-7a	Small Group Room	0	150	0	0	150	0	0	150	0
M-AC-8	Multi-use Studio	0	1,500	0	0	1,500	0	0	1,500	0
M-AC-9	Kinesthetic Learning Studio	0	1,500	0	0	1,700	0	0	2,000	0
Academic Core Total				41,980			60,940			79,510

See note 1
See note 1
See note 1

Academic Core Worksheet										
		New SF			Existing SF			TOTAL SF		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-AC-1	Middle School Classroom	0	900	0	0	0	0	0	varies	0
M-AC-2	Project Laboratory	0	1,100	0	0	0	0	0	varies	0
M-AC-3	Sci/Tech/Eng/Math/Computer Lab	0	1,000	0	0	0	0	0	varies	0
M-AC-4	Teacher Prep Area/Workroom	0	300	0	0	0	0	0	varies	0
M-AC-5	Individual Restroom	0	60	0	0	0	0	0	varies	0
M-AC-6	Instructional Material Storage	0	200	0	0	0	0	0	varies	0
M-AC-7	Small Group Room	0	150	0	0	0	0	0	varies	0
M-AC-7a	Small Group Room	0	150	0	0	0	0	0	varies	0
M-AC-8	Multi-use Studio	0	1,500	0	0	0	0	0	varies	0
M-AC-9	Kinesthetic Learning Studio	0	1,200	0	0	0	0	0	varies	0
Academic Core Total				0			0			0

See note 1
See note 1
See note 1

Academic Core Notes	
Number	Notes:
1	Additional M-AC-7a and M-AC-8, M-AC-9 spaces are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are M-AC-7a=150 SF, M-AC-8=1500 SF, M-AC-9=1200 SF. Use M-AC-7 space plate for M-AC-7a.

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-SE-1	Self-contained Classroom	1	900	900	1	900	900	2	900	1,800	See Note 1
M-SE-2	Workroom/Conference	1	150	150	1	150	150	2	150	300	See Note 2
M-SE-3	Restroom/Shower	1	100	100	1	100	100	1	100	100	See Note 3
M-SE-4	Special Education/Resource	0	900	0	0	900	0	1	900	900	
M-SE-5	Small Self-contained Classroom	1	600	600	2	600	1,200	1	600	600	
Special Education Total				1,750			2,350			3,700	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-SE-1	Self-contained Classroom	3	900	2,700	3	900	2,700	3	900	2,700	See Note 1
M-SE-2	Workroom/Conference	2	150	300	2	150	300	3	150	450	See Note 2
M-SE-3	Restroom/Shower	1	100	100	1	100	100	2	100	200	See Note 3
M-SE-4	Special Education/Resource	1	900	900	2	900	1,800	3	900	2,700	
M-SE-5	Small Self-contained Classroom	0	600	0	0	600	0	1	600	600	
Special Education Total				4,000			4,900			6,650	

Special Education Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-SE-1	Self-contained Classroom	0	900	0	0	0	0	0	varies	0	See Note 1
M-SE-2	Workroom/Conference	0	150	0	0	0	0	0	varies	0	See Note 2
M-SE-3	Restroom/Shower	0	100	0	0	0	0	0	varies	0	See Note 3
M-SE-4	Special Education/Resource	0	900	0	0	0	0	0	varies	0	
M-SE-5	Small Self-contained Classroom	0	600	0	0	0	0	0	varies	0	
Special Education Total				0			0			0	

Special Education Notes	
Number	Notes:
1	Self-contained classroom(s) could 'house' various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.
2	Workroom/Conference could 'house' orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.
3	Special Education/Resource could 'house' cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic, brain injury, learning disability, deaf/blindness, etc. See Chapter 1, Section 1110 for more information.
	For student capacities above 2,000 students, areas remain the same or increase proportionally as indicated in the examples.

Sample School District, **SAMPLE MIDDLE SCHOOL**
ADMINISTRATIVE SPACES
M-AD

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
The examples are intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE		450 Students			600 Students			750 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-AD-1	Reception Area	1	200	200	1	300	300	1	400	400	See Note 1
M-AD-2	Secretarial Area	1	200	200	1	300	300	1	400	400	See Note 2
M-AD-3	Principal's Office	1	150	150	1	150	150	1	150	150	
M-AD-4	Assistant Principal's Office	0	120	0	0	120	0	1	120	120	
M-AD-5	Conference Room	1	250	250	1	250	250	1	250	250	
M-AD-6	Mail/Work/Copy Room	1	200	200	1	250	250	1	300	300	See Note 3
M-AD-7	Administrative Storage	1	150	150	1	150	150	1	150	150	
M-AD-8	Vault/Records Storage	1	85	85	1	100	100	1	115	115	See Note 4
M-AD-9	In-school Suspension	1	200	200	1	250	250	1	325	325	See Note 5
M-AD-10	Restroom	1	60	60	1	60	60	1	60	60	
M-AD-11	Guidance Counselor's Office	1	120	120	1	120	120	2	120	240	
M-AD-12	Guidance Records/Storage	0	100	0	1	100	100	1	100	100	
M-AD-13	Parent/Volunteer Room	1	200	200	1	200	200	1	200	200	
M-AD-14	Health Clinic (incl. RR)	1	347	347	1	400	400	1	450	450	See Note 6
M-AD-15	Itinerant Personnel Office	1	120	120	1	120	120	1	120	120	
Administrative Total				2,282			2,750			3,380	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-AD-1	Reception Area	1	450	450	2	300	600	2	350	700	See Note 1
M-AD-2	Secretarial Area	1	450	450	2	300	600	2	350	700	See Note 2
M-AD-3	Principal's Office	1	150	150	1	150	150	1	150	150	
M-AD-4	Assistant Principal's Office	2	120	240	2	120	240	3	120	360	
M-AD-5	Conference Room	1	250	250	2	250	500	2	250	500	
M-AD-6	Mail/Work/Copy Room	1	400	400	2	300	600	2	300	600	See Note 3
M-AD-7	Administrative Storage	1	200	200	2	150	300	2	150	300	
M-AD-8	Vault/Records Storage	1	80	80	1	80	80	1	100	100	See Note 4
M-AD-9	In-school Suspension	1	400	400	1	500	500	1	600	600	See Note 5
M-AD-10	Restroom	2	60	120	2	60	120	2	60	120	
M-AD-11	Guidance Counselor's Office	4	120	480	5	120	600	6	120	720	
M-AD-12	Guidance Records/Storage	1	100	100	1	100	100	1	150	150	
M-AD-13	Parent/Volunteer Room	1	250	250	1	300	300	1	300	300	
M-AD-14	Health Clinic (incl. RR)	1	500	500	1	600	600	1	600	600	See Note 6
M-AD-15	Itinerant Personnel Office	1	120	120	2	120	240	2	120	240	
Administrative Total				4,190			5,530			6,140	

Square Footage Allowance Notes						
Student Enrollment	1	2	3	4	5	6
350-450 Students	200	200	200	85	200	350
451-600 Students	300	300	250	100	250	400
601-750 Students	400	400	300	115	325	450
751-1000 Students	450	450	400	80	400	500
1001-1500 Students	300	300	300	80	500	600
1501-2000 Students	350	350	300	100	600	600
Enrollment Determines SF Allowed						

Administrative Worksheet												
Space		New SF			Existing SF			TOTAL SF				
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area		
M-AD-1	Reception Area	0	200		0	0	0	0	0	varies	0	See Note 1
M-AD-2	Secretarial Area	0	200		0	0	0	0	0	varies	0	See Note 2
M-AD-3	Principal's Office	0	150		0	0	0	0	0	varies	0	
M-AD-4	Assistant Principal's Office	0	120		0	0	0	0	0	varies	0	
M-AD-5	Conference Room	0	250		0	0	0	0	0	varies	0	
M-AD-6	Mail/Work/Copy Room	0	200		0	0	0	0	0	varies	0	See Note 3
M-AD-7	Administrative Storage	0	150		0	0	0	0	0	varies	0	
M-AD-8	Vault/Records Storage	0	80		0	0	0	0	0	varies	0	See Note 4
M-AD-9	In-school Suspension	0	200		0	0	0	0	0	varies	0	See Note 5
M-AD-10	Restroom	0	60		0	0	0	0	0	varies	0	
M-AD-11	Guidance Counselor's Office	0	120		0	0	0	0	0	varies	0	
M-AD-12	Guidance Records/Storage	0	100		0	0	0	0	0	varies	0	
M-AD-13	Parent/Volunteer Room	0	200		0	0	0	0	0	varies	0	
M-AD-14	Health Clinic (incl. RR)	0	350		0	0	0	0	0	varies	0	See Note 6
M-AD-15	Itinerant Personnel Office	0	120		0	0	0	0	0	varies	0	
Administrative Total				0			0				0	

Square Footage Allowance Notes						
Student Enrollment	1	2	3	4	5	6
350-450 Students	200	200	200	85	200	350
451-600 Students	300	300	250	100	250	400
601-750 Students	400	400	300	115	325	450
751-1000 Students	450	450	400	80	400	500
1001-1500 Students	300	300	300	80	500	600
1501-2000 Students	350	350	300	100	600	600
Enrollment Determines SF Allowed						

Sample School District, SAMPLE MIDDLE SCHOOL
MEDIA CENTER SPACES
M-MC

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-MC-1	Reading Room/Circulation	1	1,575	1,575	1	2,100	2,100	1	2,625	2,625	See Note 1
M-MC-2	Media Specialist Office	1	120	120	1	120	120	1	120	120	
M-MC-3	Workroom/Storage	1	150	150	1	233	233	1	350	350	See Note 2
M-MC-4	Main Control/Equipment Rm	1	300	300	1	300	300	1	300	300	
M-MC-5	Conference Room	1	210	210	1	280	280	1	310	310	See Note 3
M-MC-6	Multimedia Production Room	1	400	400	1	400	400	1	400	400	
Media Center Total				2,755			3,433			4,105	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-MC-1	Reading Room/Circulation	1	3,500	3,500	1	5,250	5,250	1	7,000	7,000	See Note 1
M-MC-2	Media Specialist Office	1	120	120	1	120	120	1	120	120	
M-MC-3	Workroom/Storage	1	350	350	1	400	400	1	400	400	See Note 2
M-MC-4	Main Control/Equipment Rm	1	300	300	1	300	300	1	300	300	
M-MC-5	Conference Room	1	310	310	2	200	400	2	200	400	See Note 3
M-MC-6	Multimedia Production Room	1	400	400	1	400	400	1	400	400	
Media Center Total				4,980			6,870			8,620	

Media Center Worksheet											
		New SF			Existing SF			TOTAL SF			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-MC-1	Reading Room/Circulation	0	0	0	0	0	0	0	varies	0	See Note 1
M-MC-2	Media Specialist Office	0	120	0	0	0	0	0	varies	0	
M-MC-3	Workroom/Storage	0	150	0	0	0	0	0	varies	0	See Note 2
M-MC-4	Main Control/Equipment Rm	0	300	0	0	0	0	0	varies	0	
M-MC-5	Conference Room	0	210	0	0	0	0	0	varies	0	See Note 3
M-MC-6	Multimedia Production Room	0	400	0	0	0	0	0	varies	0	
Media Center Total				0			0			0	

Media Center Notes	
Number	Notes:
1	The size of the Reading Room/Circulation space is equal to 10% of the student enrollment multiplied by 35 SF per student.

Square Footage Allowance Notes		
Student Enrollment	2	3
350-450 Students	150	210
451-600 Students	233	280
601-750 Students	350	310
751-1000 Students	350	310
1001-1500 Students	400	200
1501-2000 Students	400	200
Enrollment Determines SF Allowed		

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-VA-1	Art Room	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400
M-VA-2	Kiln/Ceramic Storage	1	100	100	1	100	100	1	100	100
M-VA-3	Art Material Storage	1	100	100	1	150	150	1	200	200
Visual Arts Total				1,400			1,450			2,700

See Note 1

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-VA-1	Art Room	2	1,200	2,400	3	1,200	3,600	4	1,200	4,800
M-VA-2	Kiln/Ceramic Storage	2	100	200	2	100	200	2	100	200
M-VA-3	Art Material Storage	2	150	300	3	150	450	4	150	600
Visual Arts Total				2,900			4,250			5,600

See Note 1

Visual Arts Worksheet										
		New SF			Existing SF			TOTAL SF		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-VA-1	Art Room	0	1,200	0	0	0	0	0	varies	0
M-VA-2	Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0
M-VA-3	Art Material Storage	0	100	0	0	0	0	0	varies	0
Visual Arts Total				0			0			0

See Note 1

Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	100
451-600 Students	150
601-750 Students	200
751-1000 Students	150
1001-1500 Students	150
1501-2000 Students	150
Enrollment Determines SF Allowed	

Sample School District, SAMPLE MIDDLE SCHOOL
MUSIC SPACES
M-MU

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces
The examples are intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE		450 Students			600 Students			750 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-MU-1	Instrumental Room	1	1,400	1,400	1	1,500	1,500	1	1,600	1,600
M-MU-2	Vocal Room	0	1,200	0	1	1,200	1,200	1	1,200	1,200
M-MU-3	Music Library	1	200	200	1	200	200	1	200	200
Music Total				1,600			2,900			3,000

See Note 1

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-MU-1	Instrumental Room	2	1,400	2,800	2	1,500	3,000	2	1,500	3,000
M-MU-2	Vocal Room	1	1,200	1,200	2	1,200	2,400	2	1,200	2,400
M-MU-3	Music Library	2	200	400	2	200	400	2	200	400
Music Total				4,400			5,800			5,800

See Note 1

Music Worksheet										
		New SF			Existing SF			TOTAL SF		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-MU-1	Instrumental Room	0	1,400	0	0	0	0	0	varies	0
M-MU-2	Vocal Room	0	1,200	0	0	0	0	0	varies	0
M-MU-3	Music Library	0	200	0	0	0	0	0	varies	0
Music Total				0			0			0

See Note 1

Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	1400
451-600 Students	1500
601-750 Students	1600
751-1000 Students	1400
1001-1500 Students	1500
1501-2000 Students	1500
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-TE-1a	Modular Technology Lab or	1	1,300	1,300	1	1,300	1,300	1	1,300	1,300
M-TE-1b	Production Lab	0	1,300	0	0	1,300	0	1	1,300	1,300
M-TE-2	Storage	1	150	150	1	150	150	1	150	150
Technology Education Total				1,450			1,450			2,750

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-TE-1a	Modular Technology Lab or	2	1,300	2,600	2	1,300	2,600	2	1,300	2,600
M-TE-1b	Production Lab	1	1,300	1,300	1	1,300	1,300	2	1,300	2,600
M-TE-2	Storage	1	150	150	2	150	300	2	200	400
Technology Education Total				4,050			4,200			5,600

Technology Education Worksheet										
		New SF			Existing SF			TOTAL SF		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-TE-1a	Modular Technology Lab or	0	1,300	0	0	0	0	0	varies	0
M-TE-1b	Production Lab	0	1,300	0	0	0	0	0	varies	0
M-TE-2	Storage	0	150	0	0	0	0	0	varies	0
Technology Education Total				0			0			0

Sample School District, SAMPLE MIDDLE SCHOOL
FAMILY AND CONSUMER SCIENCE SPACES
M-FCS

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces.
The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-FCS-1	Life Skills Lab	0	1,100	0	1	1,100	1,100	1	1,100	1,100
M-FCS-2	Life Skills Storage	0	100	0	1	100	100	1	100	100
Family and Consumer Science Total				0			1,200			1,200

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-FCS-1	Life Skills Lab	1	1,100	1,100	2	1,100	2,200	2	1,100	2,200
M-FCS-2	Life Skills Storage	1	100	100	2	100	200	2	100	200
Family and Consumer Science Total				1,200			2,400			2,400

Family & Consumer Science Worksheet										
		New SF			Existing SF			TOTAL SF		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-FCS-1	Life Skills Lab	0	1,100	0	0	0	0	0	varies	0
M-FCS-2	Life Skills Storage	0	100	0	0	0	0	0	varies	0
Family and Consumer Science Total				0			0			0

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces
 The examples are intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE		450 Students			600 Students			750 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-PE-1	Gymnasium	1	7,000	7,000	1	7,500	7,500	1	8,000	8,000	See Note 1
M-PE-2	Auxiliary Gym	0	0	0	0	0	0	0	0	0	See Note 2
M-PE-3	P.E./Athletic Office	2	75	150	2	75	150	2	75	150	
M-PE-4	Staff Shower	2	75	150	2	75	150	2	75	150	
M-PE-5	Student Locker Room	2	600	1,200	2	600	1,200	2	650	1,300	See Note 3
M-PE-6	Student Restroom/Shower	2	250	500	2	250	500	2	250	500	
M-PE-7	Physical Education Storage	1	300	300	1	325	325	1	500	500	See Note 4
Physical Education Total				9,300			9,825			10,600	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-PE-1	Gymnasium	1	8,500	8,500	1	10,000	10,000	1	12,000	12,000	See Note 1
M-PE-2	Auxiliary Gym	1	5,000	5,000	1	6,500	6,500	1	6,500	6,500	See Note 2
M-PE-3	P.E./Athletic Office	3	75	225	4	75	300	4	75	300	
M-PE-4	Staff Shower	2	75	150	2	75	150	2	75	150	
M-PE-5	Student Locker Room	2	700	1,400	2	800	1,600	2	900	1,800	See Note 3
M-PE-6	Student Restroom/Shower	2	250	500	2	250	500	2	250	500	
M-PE-7	Physical Education Storage	2	400	800	2	500	1,000	2	500	1,000	See Note 4
Physical Education Total				16,575			20,050			22,250	

Physical Education Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-PE-1	Gymnasium	0	7,000	0	0	0	0	0	varies	0	See Note 1
M-PE-2	Auxiliary Gym	0	0	0	0	0	0	0	varies	0	See Note 2
M-PE-3	P.E./Athletic Office	0	75	0	0	0	0	0	varies	0	
M-PE-4	Staff Shower	0	75	0	0	0	0	0	varies	0	
M-PE-5	Student Locker Room	0	600	0	0	0	0	0	varies	0	See Note 3
M-PE-6	Student Restroom/Shower	0	250	0	0	0	0	0	varies	0	
M-PE-7	Physical Education Storage	0	300	0	0	0	0	0	varies	0	See Note 4
Physical Education Total		0			0			0			

Square Footage Allowance Notes				
Student Enrollment	1	2	3	4
350-450 Students	7000	0	600	300
451-600 Students	7500	0	600	325
601-750 Students	8000	0	650	500
751-1000 Students	8500	5000	700	400
1001-1500 Students	10000	6500	800	500
1501-2000 Students	12000	6500	900	500
Enrollment Determines SF Allowed				

Sample School District, SAMPLE MIDDLE SCHOOL
STUDENT DINING SPACES
M-SD

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces
The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-SD-1	Student Dining	1	3,000	3,000	1	3,000	3,000	1	3,750	3,750	See Note 1
M-SD-2	Stage	1	900	900	1	1,050	1,050	1	1,382	1,382	
M-SD-3	Staff Dining	0	200	0	0	250	0	1	300	300	See Note 2
M-SD-4	Table Storage	1	250	250	1	250	250	1	300	300	See Note 3
M-SD-5	Family Restroom	0	80	0	0	80	0	1	80	80	
Student Dining Total				4,150			4,300			5,812	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-SD-1	Student Dining	1	5,000	5,000	1	7,500	7,500	1	10,000	10,000	See Note 1
M-SD-2	Stage	1	1,400	1,400	1	1,500	1,500	1	1,750	1,750	
M-SD-3	Staff Dining	1	300	300	1	300	300	1	400	400	See Note 2
M-SD-4	Table Storage	1	400	400	2	300	600	2	300	600	See Note 3
M-SD-5	Family Restroom	1	80	80	1	80	80	1	80	80	
Student Dining Total				7,180			9,980			12,830	

Student Dining Worksheet											
		New SF			Existing SF			TOTAL SF			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-SD-1	Student Dining	0	3,000	0	0	0	0	0	varies	0	See Note 1
M-SD-2	Stage	0	900	0	0	0	0	0	varies	0	
M-SD-3	Staff Dining	0	200	0	0	0	0	0	varies	0	See Note 2
M-SD-4	Table Storage	0	250	0	0	0	0	0	varies	0	See Note 3
M-SD-5	Family Restroom	0	80	0	0	0	0	0	varies	0	
Student Dining Total				0			0			0	

Student Dining Notes	
Number	Notes:
1	The size of the Student Dining space is equal to one-third of the student enrollment multiplied by 15 SF per student or 3,000 SF, whichever is greater.

Square Footage Allowance Notes		
Student Enrollment	2	3
350-450 Students	200	250
451-600 Students	250	250
601-750 Students	300	300
751-1000 Students	300	400
1001-1500 Students	300	300
1501-2000 Students	400	300
Enrollment Determines SF Allowed		

CHAPTER 2: BRACKETING

The following school size examples illustrate the suggested instructional and support spaces. The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-FS-0	Warming Kitchen	0	900	0	0	1,200	0	0	1,500	0	See Note 1
M-FS-1	Kitchen (total)	1		1,575	1		2,100	1		2,625	See Note 1 & 2
M-FS-1a	Preparation Area		567			756			945		See Kitchen Area Notes
M-FS-1b	Serving Area		536			714			893		See Kitchen Area Notes
M-FS-1c	Dry Food Storage		173			231			289		See Kitchen Area Notes
M-FS-1d	Cooler/Freezer		158			210			263		See Kitchen Area Notes
M-FS-1e	Ware Washing		142			189			236		See Kitchen Area Notes
M-FS-2	Dietician Office	1	75	75	1	75	75	1	75	75	
M-FS-3	Restroom/Locker Rm	1	140	140	1	140	140	1	140	140	
Food Service Total				1,790			2,315			2,840	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-FS-0	Warming Kitchen	0	2,000	0	0	3,000	0	0	4,000	0	See Note 1
M-FS-1	Kitchen (total)	1		3,500	1		5,250	1		7,000	See Note 1 & 2
M-FS-1a	Preparation Area		1,260			1,890			2,520		See Kitchen Area Notes
M-FS-1b	Serving Area		1,190			1,785			2,380		See Kitchen Area Notes
M-FS-1c	Dry Food Storage		385			578			770		See Kitchen Area Notes
M-FS-1d	Cooler/Freezer		350			525			700		See Kitchen Area Notes
M-FS-1e	Ware Washing		315			473			630		See Kitchen Area Notes
M-FS-2	Dietician Office	1	75	75	1	75	75	1	75	75	
M-FS-3	Restroom/Locker Rm	2	140	280	2	140	280	2	140	280	
Food Service Total				3,855			5,605			7,355	

Food Service Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-FS-0	Warming Kitchen	0	0	0	0	0	0	0	varies	0	See Note 1
M-FS-1	Kitchen (total)	0		0	0		0	0		0	See Note 1 & 2
M-FS-1a	Preparation Area		0			0			varies		See Kitchen Area Notes
M-FS-1b	Serving Area		0			0			varies		See Kitchen Area Notes
M-FS-1c	Dry Food Storage		0			0			varies		See Kitchen Area Notes
M-FS-1d	Cooler/Freezer		0			0			varies		See Kitchen Area Notes
M-FS-1e	Ware Washing		0			0			varies		See Kitchen Area Notes
M-FS-2	Dietician Office	0	75	0	0	0	0	0	varies	0	
M-FS-3	Restroom/Locker Rm	0	140	0	0	0	0	0	varies	0	
Food Service Total				0			0			0	

Food Service Notes	
Number	Notes:
1	Only one of the two Kitchens is to be used - either M-FS-0 OR M-FS-1 - not both.
2	The size of the kitchen is equal to the sum of preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.

Kitchen Area Sizes					
Food Service Area	Enroll	X	SF/Student	x	%
Preparation Area	Enroll	x	3.5	x	36%
Serving Areas	Enroll	x	3.5	x	34%
Dry Food Storage	Enroll	x	3.5	x	11%
Cooler/	Enroll	x	3.5	x	10%
Ware Washing Area	Enroll	x	3.5	x	9%
Warming Kitchen	Enroll	x	2.0		
Multiply Enrollment x SF/Student x % to achieve size of area					

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-CU-1	Workroom	1	200	200	1	300	300	1	400	400
M-CU-2	Custodial Office	1	100	100	1	100	100	1	100	100
Custodial Total				300			400			500

EXAMPLE		1000 Students			1500 Students			2000 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-CU-1	Workroom	1	600	600	2	400	800	2	400	800
M-CU-2	Custodial Office	1	100	100	1	100	100	1	100	100
Custodial Total				700			900			900

Custodial Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-CU-1	Workroom - note 1	0	200	0	0	0	0	0	varies	0
M-CU-2	Custodial Office	0	100	0	0	0	0	0	varies	0
Custodial Total				0			0			0

Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-600 Students	300
601-750 Students	400
751-1000 Students	600
1001-1500 Students	400
1501-2000 Students	400
Enrollment Determines SF Allowed	

The following school size examples illustrate the suggested instructional and support spaces.
 The examples are intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-BS-1	Large Group Restrooms	-	1,619	1,619	-	2,042	2,042	-	2,519	2,519	See Build Svc Sizes
M-BS-2	Custodial Closet	2	50	100	3	50	150	4	50	200	
M-BS-3	Electrical Closet	2	50	100	3	50	150	4	50	200	
M-BS-4	Telecommunications Room (TR)	2	64	128	3	64	192	4	64	256	See Note 1
M-BS-5	Corridors	-	9,251	9,251	-	11,671	11,671	-	14,393	14,393	See Build Svc Sizes
	Vertical Circulation		0	0		0	0		0	0	See Note 2
M-BS-6	Mechanical/Electrical Space/Decks	-	3,192	3,192	-	4,026	4,026	-	4,966	4,966	See Build Svc Sizes
M-BS-7	Outdoor Storage Area	1	150	150	1	200	200	1	250	250	See SF Allowance
M-BS-8	Central Storage Area	1	220	220	1	245	245	1	290	290	See SF Allowance
M-BS-9	Loading/Receiving Area	1	120	120	1	120	120	1	120	120	
M-BS-10	Restroom	0	60	0	0	60	0	0	60	0	
M-BS-11	Recycling Room	1	80	80	1	80	80	1	110	110	See SF Allowance
Building Services Total				14,960			18,876			23,304	

EXAMPLE		1000 Students			1500 Students			2000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-BS-1	Large Group Restrooms	-	3,360	3,360	-	4,600	4,600	-	5,728	5,728	See Build Svc Sizes
M-BS-2	Custodial Closet	3	50	150	3	50	150	4	50	200	
M-BS-3	Electrical Closet	3	50	150	3	50	150	4	50	200	
M-BS-4	Telecommunications Room (TR)	3	64	192	3	64	192	4	64	256	See Note 1
M-BS-5	Corridors	-	19,202	19,202	-	26,285	26,285	-	32,731	32,731	See Build Svc Sizes
	Vertical Circulation		0	0		0	0		0	0	See Note 2
M-BS-6	Mechanical/Electrical Space/Decks	-	6,625	6,625	-	9,068	9,068	-	11,292	11,292	See Build Svc Sizes
M-BS-7	Outdoor Storage Area	1	250	250	1	250	250	1	350	350	See SF Allowance
M-BS-8	Central Storage Area	1	290	290	1	360	360	1	540	540	See SF Allowance
M-BS-9	Loading/Receiving Area	1	120	120	1	120	120	1	120	120	
M-BS-10	Restroom	0	60	0	0	60	0	0	60	0	
M-BS-11	Recycling Room	1	110	110	1	140	140	1	160	160	See SF Allowance
Building Services Total				30,449			41,315			51,577	

Building Services Notes	
Number	Notes:
1	Size of Telecommunications Room varies with size of middle school. See page 5113-4.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room.

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Large Group Restrooms	Prog	x	3.5
Corridors	Prog	x	20.0
Mechanical/Electrical Space/Decks	Prog	x	6.9
Multiply Sum of Program Areas - Building Services x % to achieve size of area			

Square Footage Allowance Notes			
Student Enrollment	Stor	Ctl Stor	Recycle
350-450 Students	150	220	80
451-600 Students	200	245	80
601-750 Students	250	290	110
751-1000 Students	250	290	110
1001-1500 Students	250	360	140
1501-2000 Students	350	540	160
Enrollment Determines SF Allowed			

Building Services Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-BS-1	Large Group Restrooms	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
M-BS-2	Custodial Closet	0	50	0	0	0	0	0	varies	0	
M-BS-3	Electrical Closet	0	50	0	0	0	0	0	varies	0	
M-BS-4	Telecommunications Room (TR)	0	64	0	0	0	0	0	varies	0	See Note 1
M-BS-5	Corridors	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
	Vertical Circulation	-	0	0	-	0	0	-	varies	0	See Note 2
M-BS-6	Mechanical/Electrical Space/Decks	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
M-BS-7	Outdoor Storage Area	0	150	0	0	0	0	0	varies	0	See SF Allowance
M-BS-8	Central Storage Area	0	220	0	0	0	0	0	varies	0	See SF Allowance
M-BS-9	Loading/Receiving Area	0	120	0	0	0	0	0	varies	0	
M-BS-10	Restroom	0	60	0	0	0	0	0	varies	0	
M-BS-11	Recycling Room	0	80	0	0	0	0	0	varies	0	See SF Allowance
Building Services Total				0	0			0			

Building Services Notes	
Number	Notes:
1	Size of Telecommunications Room varies with size of middle school. See page 5113-4.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room.

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Large Group Restrooms	Prog	x	3.5
Corridors	Prog	x	20.0
Mechanical/Electrical Space/Decks	Prog	x	6.9
Multiply Sum of Program Areas - Building Services x % to achieve size of area			

Square Footage Allowance Notes			
Student Enrollment	Stor	Ctl Stor	Recycle
350-450 Students	150	220	80
451-600 Students	200	245	80
601-750 Students	250	290	110
751-1000 Students	250	290	110
1001-1500 Students	250	360	140
1501-2000 Students	350	540	160
Enrollment Determines SF Allowed			

CHAPTER 2: BRACKETING

SUMMARY OF SPACES

Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

EXAMPLES	450 Students	800 Students	1200 Students	1600 Students	2400 Students
	SF	SF	SF	SF	SF
Grade Configuration: 9-12					
Number of Students	450	800	1,200	1,600	2,400
Square Feet Per Student	180	166	165	162	156
Total Gross Square Feet Funded	81,000	132,800	198,000	259,200	374,400
Program Area					
H-AC Academic Core Spaces	18,870	32,640	52,072	67,899	95,250
H-SE Special Education Spaces	2,200	3,100	4,400	5,900	7,950
H-AD Administrative Spaces	3,185	4,395	6,422	7,648	10,475
H-MC Media Center Spaces	2,905	4,930	6,820	8,720	12,530
H-VA Visual Arts Spaces	1,500	2,900	3,500	5,500	9,100
H-MU Music Spaces	2,870	4,970	6,310	10,690	13,420
H-TE Technology Education Spaces	1,950	3,600	5,000	7,200	13,800
H-BE Business Education Spaces	1,100	2,100	2,150	4,700	7,000
H-FCS Family and Consumer Science Spaces	1,550	2,800	2,850	4,100	6,950
H-PE Physical Education Spaces	11,611	16,950	28,770	32,970	46,790
H-SD Student Dining Spaces	5,480	8,997	12,530	16,213	23,360
H-FS Food Service Spaces	1,790	3,015	4,415	5,815	8,830
H-CU Custodial Spaces	300	500	500	500	1,200
H-BS Building Services	17,662	28,744	42,640	55,658	80,643
Facility Total	72,973	119,640	178,378	233,513	337,297
Construction Factor	0.11	0.11	0.11	0.11	0.11
Gross Square Feet Developed	81,000	132,800	198,000	259,200	374,400

Worksheet Summary			
Enter Grade Configuration			
Enter Student Enrollment			
Square Feet Per Student from Page 2000-4			
Total Gross Square Feet Funded		0	Vert. Cir. = Vertical Circulation (3 Stories or greater) refers only to stairways/stairtowers, monumental stairs, elevators and elevator equipment rooms.
SELECT ONE <input checked="" type="radio"/> Single or Two Story <input type="radio"/> 3 Stories or greater			
Vert. Cir. Area Allowance (3 Stories or greater)		0	
Total Adjusted POR Gross Square Footage		0	
Program Area	New SF	Exst. SF*	TOTAL SF
H-AC Academic Core Spaces	0	0	0
H-SE Special Education Spaces	0	0	0
H-AD Administrative Spaces	0	0	0
H-MC Media Center Spaces	0	0	0
H-VA Visual Arts Spaces	0	0	0
H-MU Music Spaces	0	0	0
H-TE Technology Education Spaces	0	0	0
H-BE Business Education Spaces	0	0	0
H-FCS Family and Consumer Science Spaces	0	0	0
H-PE Physical Education Spaces	0	0	0
H-SD Student Dining Spaces	0	0	0
H-FS Food Service Spaces	0	0	0
H-CU Custodial Spaces	0	0	0
H-BS Building Services	0	0	0
Facility Total	0	0	0
Construction Factor (11% multiplied by the facility total)	0.11	na	na
Gross Square Feet (GSF) Developed	0	0	0 See Note 1
Minus exst. co-funded Oversize Area from Master Pl		0	- See Note 2
Adjusted Existing Area		0	-
Total Adjusted GSF Developed (without Oversize Area)			0
Difference of GSF developed from GSF allowable			0

Worksheet Summary Notes	
Number	Notes:
1	Existing Gross Square Feet taken from master facility plan.
2	Oversize Area also taken from master facility plan.
*	The Existing SF column is used in projects where there are to be building additions or renovations.

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-AC-1 High School Classroom	12	900	10,800	20	900	18,000	32	900	28,800	40	900	36,000	56	900	50,400
H-AC-2 Science Classroom - General/Physics	1	1,200	1,200	2	1,200	2,400	4	1,200	4,800	6	1,200	7,200	8	1,200	9,600
H-AC-3 Science Classroom - Chemistry	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400	3	1,200	3,600	8	1,200	9,600
H-AC-4 Science Classroom - Biology	1	1,200	1,200	2	1,200	2,400	3	1,200	3,600	3	1,200	3,600	4	1,200	4,800
H-AC-5 Science Prep	1	300	300	2	300	600	4	400	1,600	6	400	2,400	8	400	3,200
H-AC-6 Teacher Prep Area/Workroom	4	300	1,200	4	300	1,200	4	400	1,600	5	600	3,000	4	600	2,400
H-AC-7 Individual Restroom	2	60	120	2	60	120	5	60	300	5	60	300	4	60	240
H-AC-8 Project/Classroom	1	1,100	1,100	2	1,100	2,200	3	1,100	3,300	3	1,100	3,300	4	1,100	4,400
H-AC-9 Small Group Room	3	150	450	4	150	600	5	150	750	6	150	900	8	150	1,200
H-AC-10 Instructional Material Storage	2	50	100	3	100	300	4	150	600	5	200	1,000	6	250	1,500
H-AC-11 Multi-use Room	0	1,500	0	1	1,500	1,500	1	1,500	1,500	2	1,500	3,000	2	1,500	3,000
H-AC-12 Science Laboratory	0	1,000	0	0	1,000	0	0	1,000	0	0	1,000	0	0	1,000	0
H-AC-9a Small Group Room	0	150	0	4	150	600	5	150	750	0	150	0	6	150	900
H-AC-13 Multi-use Studio	0	1,500	0	0	1,500	0	0	1,500	0	1	1,400	1,400	1	1,610	1,610
H-AC-14 Kinesthetic Learning Studio	1	1,200	1,200	1	1,520	1,520	1	2,072	2,072	1	2,200	2,200	1	2,400	2,400
Academic Core Total			18,870			32,640			52,072			67,899			95,250

See Note 1

See Note 2

See Note 3

See Note 4

See Note 4

See Note 4

Academic Core Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-AC-1 High School Classroom	0	900	0	0	0	0	0	varies	0
H-AC-2 Science Classroom - General/Physics	0	1,200	0	0	0	0	0	varies	0
H-AC-3 Science Classroom - Chemistry	0	1,200	0	0	0	0	0	varies	0
H-AC-4 Science Classroom - Biology	0	1,200	0	0	0	0	0	varies	0
H-AC-5 Science Prep	0	300	0	0	0	0	0	varies	0
H-AC-6 Teacher Prep Area/Workroom	0	300	0	0	0	0	0	varies	0
H-AC-7 Individual Restroom	0	60	0	0	0	0	0	varies	0
H-AC-8 Project/Classroom	0	1,100	0	0	0	0	0	varies	0
H-AC-9 Small Group Room	0	150	0	0	0	0	0	varies	0
H-AC-10 Instructional Material Storage	0	50	0	0	0	0	0	varies	0
H-AC-11 Multi-use Room	0	1,500	0	0	0	0	0	varies	0
H-AC-12 Science Laboratory	0	1,000	0	0	0	0	0	varies	0
H-AC-9a Small Group Room	0	150	0	0	0	0	0	varies	0
H-AC-13 Multi-use Studio	0	1,500	0	0	0	0	0	varies	0
H-AC-14 Kinesthetic Learning Studio	0	1,200	0	0	0	0	0	varies	0
Academic Core Total			0			0			0

See Note 1

See Note 2

See Note 3

See Note 4

See Note 4

See Note 4

Square Footage Allowance Notes			
Student Enrollment	1	2	3
350-450 Students	300	300	50
451-800 Students	300	300	100
801-1200 Students	400	400	150
1201-1600 Students	400	600	200
1601-2400 Students	400	600	250
Enrollment Determines SF Allowed			

Academic Core Notes	
Number	Notes:
4	Additional H-AC-9a, H-AC-13 and H-AC-14 spaces are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are H-AC-9a=150 SF, H-AC-13=1500 SF, H-AC-14=1200 SF. Use H-AC-9 space plate for H-AC-9a.

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-SE-1 Self-contained Classroom	1	900	900	2	900	1,800	2	900	1,800	2	900	1,800	3	900	2,700
H-SE-2 Workroom/Conference	2	150	300	2	150	300	2	150	300	2	150	300	3	150	450
H-SE-3 Restroom/Shower	1	100	100	1	100	100	2	100	200	2	100	200	3	100	300
H-SE-4 Special Education/Resource	1	900	900	1	900	900	1	900	900	2	900	1,800	3	900	2,700
H-SE-5 Small Self-contained Classroom	0	600	0	0	600	0	2	600	1,200	3	600	1,800	3	600	1,800
Special Education Total			2,200			3,100			4,400			5,900			7,950

See Note 1
See Note 2
See Note 3

Special Education Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-SE-1 Self-contained Classroom	0	900	0	0	0	0	0	varies	0
H-SE-2 Workroom/Conference	0	150	0	0	0	0	0	varies	0
H-SE-3 Restroom/Shower	0	100	0	0	0	0	0	varies	0
H-SE-4 Special Education/Resource	0	900	0	0	0	0	0	varies	0
H-SE-5 Small Self-contained Classroom	0	600	0	0	0	0	0	varies	0
Special Education Total			0			0			0

See Note 1
See Note 2
See Note 3

Special Education Notes	
Number	Notes:
1	Self-contained classroom(s) could 'house' various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.
2	Workroom/Conference could 'house' orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.
3	Special Education/Resource could 'house' cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic, brain injury, learning disability, deaf/blindness, etc.
	See Chapter 1, Section 1110 for more information.

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students			
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-AD-1 Reception Area	1	200	200	1	400	400	1	500	500	1	600	600	1	1,000	1,000	See Note 1
H-AD-2 Secretarial Area	1	200	200	1	400	400	1	500	500	1	600	600	1	1,000	1,000	See Note 2
H-AD-3 Principal's Office	1	150	150	1	150	150	1	150	150	1	150	150	1	150	150	
H-AD-4 Assistant Principal's Office	0	120	0	0	120	0	2	120	240	3	120	360	6	120	720	
H-AD-5 Conference Room	1	250	250	1	250	250	2	250	500	3	250	750	3	250	750	
H-AD-6 Mail/Work/Copy Room	1	200	200	1	300	300	1	400	400	1	500	500	1	800	800	See Note 3
H-AD-7 Administrative Storage	1	150	150	1	150	150	1	200	200	1	200	200	1	400	400	See Note 4
H-AD-8 Vault/Records Storage	1	85	85	1	115	115	1	145	145	1	175	175	1	200	200	See Note 5
H-AD-9 In-school Suspension	1	200	200	1	325	325	1	450	450	1	575	575	1	600	600	See Note 6
H-AD-10 Restroom	2	60	120	2	60	120	2	60	120	2	60	120	2	60	120	
H-AD-11 Guidance Counselor's Office	2	120	240	3	120	360	4	120	480	5	120	600	8	120	960	
H-AD-12 Guidance Records/Storage	1	100	100	1	100	100	1	200	200	1	200	200	1	300	300	See Note 7
H-AD-13 Guidance Conference Room	1	150	150	2	200	400	3	250	750	4	250	1,000	4	250	1,000	See Note 8
H-AD-14 Parent/Volunteer Room	1	200	200	1	300	300	1	400	400	1	400	400	2	400	800	See Note 9
H-AD-15 Health Clinic (incl. RR)	1	400	400	1	450	450	1	500	500	1	550	550	1	600	600	See Note 10
H-AD-16 Itinerant Personnel Office	2	120	240	2	120	240	3	120	360	2	120	240	3	120	360	
H-AD-17 Career Center	1	300	300	1	335	335	1	527	527	1	628	628	1	715	715	See Note 11
Administrative Total			3,185			4,395			6,422			7,648			10,475	

Administration Worksheet										
Space	New SF			Existing SF			TOTAL SF			
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-AD-1 Reception Area	0	200	0	0	0	0	0	varies	0	See Note 1
H-AD-2 Secretarial Area	0	200	0	0	0	0	0	varies	0	See Note 2
H-AD-3 Principal's Office	0	150	0	0	0	0	0	varies	0	
H-AD-4 Assistant Principal's Office	0	120	0	0	0	0	0	varies	0	
H-AD-5 Conference Room	0	250	0	0	0	0	0	varies	0	
H-AD-6 Mail/Work/Copy Room	0	200	0	0	0	0	0	varies	0	See Note 3
H-AD-7 Administrative Storage	0	150	0	0	0	0	0	varies	0	See Note 4
H-AD-8 Vault/Records Storage	0	85	0	0	0	0	0	varies	0	See Note 5
H-AD-9 In-school Suspension	0	200	0	0	0	0	0	varies	0	See Note 6
H-AD-10 Restroom	0	60	0	0	0	0	0	varies	0	
H-AD-11 Guidance Counselor's Office	0	120	0	0	0	0	0	varies	0	
H-AD-12 Guidance Records/Storage	0	100	0	0	0	0	0	varies	0	See Note 7
H-AD-13 Guidance Conference Room	0	150	0	0	0	0	0	varies	0	See Note 8
H-AD-14 Parent/Volunteer Room	0	200	0	0	0	0	0	varies	0	See Note 9
H-AD-15 Health Clinic (incl. RR)	0	400	0	0	0	0	0	varies	0	See Note 10
H-AD-16 Itinerant Personnel Office	0	120	0	0	0	0	0	varies	0	
H-AD-17 Career Center	0	300	0	0	0	0	0	varies	0	See Note 11
Administrative Total		0			0			0		

Square Footage Allowance Notes											
Student Enrollment	1	2	3	4	5	6	7	8	9	10	11
350-450 Students	200	200	200	150	85	200	100	150	200	400	300
451-800 Students	400	400	300	150	115	325	100	200	300	450	335
801-1200 Students	500	500	400	200	145	450	200	250	400	500	527
1201-1600 Students	600	600	500	200	175	575	200	250	400	550	628
1601-2000 Students	800	800	800	400	200	600	300	250	400	600	715
2001-2400 Students	1000	1000	800	400	200	600	300	250	400	600	715
Enrollment Determines SF Allowed											

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces
The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students			
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-MC-1 Reading Room/Circulation	1	1,575	1,575	1	2,800	2,800	1	4,200	4,200	1	5,600	5,600	1	8,400	8,400	See Note 1
H-MC-2 Media Specialist Office	1	120	120	1	120	120	2	120	240	2	120	240	2	120	240	
H-MC-3 Workroom/Storage	1	300	300	1	400	400	1	500	500	1	600	600	1	700	700	See Note 2
H-MC-4 Main Control/Equipment Rm	1	300	300	1	300	300	1	300	300	1	300	300	1	400	400	
H-MC-5 Conference Room	1	250	250	1	250	250	2	250	500	3	250	750	4	250	1,000	
H-MC-6 Multimedia Production Room	0	500	0	1	500	500	1	500	500	1	500	500	1	800	800	
H-MC-7 Document Storage	1	200	200	1	300	300	1	300	300	1	400	400	1	500	500	See Note 3
H-AC-9 Small Group Room	1	160	160	1	260	260	1	280	280	1	330	330	2	245	490	See Note 4
Media Center Total			2,905			4,930			6,820			8,720			12,530	

Media Center Worksheet										
Space	New SF			Existing SF			TOTAL SF			
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-MC-1 Reading Room/Circulation	0	0	0	0	0	0	0	varies	0	See Note 1
H-MC-2 Media Specialist Office	0	120	0	0	0	0	0	varies	0	
H-MC-3 Workroom/Storage	0	300	0	0	0	0	0	varies	0	See Note 2
H-MC-4 Main Control/Equipment Rm	0	300	0	0	0	0	0	varies	0	
H-MC-5 Conference Room	0	250	0	0	0	0	0	varies	0	
H-MC-6 Multimedia Production Room	0	500	0	0	0	0	0	varies	0	
H-MC-7 Document Storage	0	200	0	0	0	0	0	varies	0	See Note 3
H-AC-9 Small Group Room	0	160	0	0	0	0	0	varies	0	See Note 4
Media Center Total			0			0			0	

Media Center Notes	
Number	Notes:
1	The size of the Reading Room/Circulation space is equal to 10% of the student enrollment multiplied by 35 SF per student.

Square Footage Allowance Notes			
Student Enrollment	2	3	4
350-450 Students	300	200	160
451-800 Students	400	300	260
801-1200 Students	500	300	280
1201-1600 Students	600	400	330
1601-2400 Students	700	500	245
Enrollment Determines SF Allowed			

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-VA-1 Art Room	1	1,200	1,200	2	1,200	2,400	2	1,400	2,800	3	1,400	4,200	5	1,400	7,000
H-VA-2 Kiln/Ceramic Storage	1	100	100	1	200	200	2	200	400	2	200	400	3	300	900
H-VA-3 Art Material Storage	1	200	200	1	300	300	1	300	300	3	300	900	3	400	1,200
Visual Arts Total			1,500			2,900			3,500			5,500			9,100

See Note 1

See Note 2

See Note 3

Visual Arts Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-VA-1 Art Room	0	1200	0	0	0	0	0	varies	0
H-VA-2 Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0
H-VA-3 Art Material Storage	0	200	0	0	0	0	0	varies	0
Visual Arts Total			0			0			0

See Note 1

See Note 2

See Note 3

Square Footage Allowance Notes			
Student Enrollment	1	2	3
350-450 Students	1200	100	200
451-800 Students	1200	200	300
801-1200 Students	1400	200	300
1201-1600 Students	1400	200	300
1601-2400 Students	1400	300	400
Enrollment Determines SF Allowed			

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students			
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-MU-1 Instrumental Room	1	1,800	1,800	1	2,000	2,000	1	2,500	2,500	2	3,000	6,000	2	3,000	6,000	See Note 1
H-MU-2 Instrument Storage	1	400	400	1	500	500	1	600	600	1	700	700	1	800	800	See Note 2
H-MU-3 Orchestra Storage	0	200	0	1	250	250	1	250	250	1	350	350	1	500	500	See Note 3
H-MU-4 Instrumental Music Library	1	120	120	1	120	120	1	120	120	1	120	120	2	120	240	
H-MU-5 Uniform Storage	1	150	150	1	200	200	1	300	300	2	300	600	1	400	400	See Note 4
H-MU-6 Vocal Room	0	1,200	0	1	1,200	1,200	1	1,200	1,200	1	1,500	1,500	2	1,500	3,000	See Note 5
H-MU-7 Vocal Storage	0	150	0	1	200	200	1	300	300	1	300	300	1	400	400	See Note 6
H-MU-8 Vocal Music Library	1	120	120	1	120	120	1	120	120	1	120	120	2	120	240	
H-MU-9 Ensemble Room	1	200	200	1	300	300	2	300	600	2	300	600	3	400	1,200	See Note 7
H-MU-1 Practice Room	1	80	80	1	80	80	4	80	320	5	80	400	8	80	640	
Music Total			2,870			4,970			6,310			10,690			13,420	

Music Worksheet										
Space	New SF			Existing SF			TOTAL SF			
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-MU-1 Instrumental Room	0	1,800	0	0	0	0	0	varies	0	See Note 1
H-MU-2 Instrument Storage	0	400	0	0	0	0	0	varies	0	See Note 2
H-MU-3 Orchestra Storage	0	200	0	0	0	0	0	varies	0	See Note 3
H-MU-4 Instrumental Music Library	0	120	0	0	0	0	0	varies	0	
H-MU-5 Uniform Storage	0	150	0	0	0	0	0	varies	0	See Note 4
H-MU-6 Vocal Room	0	1,200	0	0	0	0	0	varies	0	See Note 5
H-MU-7 Vocal Storage	0	150	0	0	0	0	0	varies	0	See Note 6
H-MU-8 Vocal Music Library	0	120	0	0	0	0	0	varies	0	
H-MU-9 Ensemble Room	0	200	0	0	0	0	0	varies	0	See Note 7
H-MU-1 Practice Room	0	80	0	0	0	0	0	varies	0	
Music Total			0			0			0	

Square Footage Allowance Notes							
Student Enrollment	1	2	3	4	5	6	7
350-450 Students	1800	400	200	150	1200	150	200
451-800 Students	2000	500	250	200	1200	200	300
801-1200 Students	2500	600	250	300	1200	300	300
1201-1600 Students	3000	700	350	300	1500	300	300
1601-2400 Students	3000	800	500	400	1500	400	400
Enrollment Determines SF Allowed							

Sample School District, SAMPLE HIGH SCHOOL
TECHNOLOGY EDUCATION SPACES
H-TE

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-TE-1 Modular Technology Lab	1	1,800	1,800	1	1,800	1,800	1	1,800	1,800	2	1,800	3,600	3	1,800	5,400
or															
H-TE-1a Ag-Ed Lab	0	1,800	0	0	1,800	0	0	1,800	0	0	1,800	0	1	1,800	1,800
H-TE-2 Storage	1	150	150	1	200	200	2	200	400	4	200	800	4	250	1,000
H-TE-3 CADD Lab	0	1,200	0	0	1,200	0	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400
H-TE-4 Production Lab	0	1,600	0	1	1,600	1,600	1	1,600	1,600	1	1,600	1,600	2	1,600	3,200
Technology Education Total			1,950			3,600			5,000			7,200			13,800

See Note 1

Technology Education Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-TE-1 Modular Technology Lab	0	1,800	0	0	0	0	0	varies	0
or									
H-TE-1a Ag-Ed Lab	0	1,800	0	0	0	0	0	varies	0
H-TE-2 Storage	0	150	0	0	0	0	0	varies	0
H-TE-3 CADD Lab	0	1,200	0	0	0	0	0	varies	0
H-TE-4 Production Lab	0	1,600	0	0	0	0	0	varies	0
Technology Education Total			0			0			0

See Note 1

Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	150
451-800 Students	200
801-1200 Students	200
1201-1600 Students	200
1601-2400 Students	250
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-BE-1 Computer and Business Classroom	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	2	1,000	2,000	4	1,000	4,000
H-BE-2 Marketing Classroom	0	900	0	1	900	900	1	900	900	2	900	1,800	2	900	1,800
H-BE-3 Workroom/Storage	1	100	100	1	200	200	1	250	250	3	300	900	3	400	1,200
Business Education Total			1,100			2,100			2,150			4,700			7,000

See Note 1

Business Education Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-BE-1 Computer and Business Classroom	0	1,200	0	0	0	0	0	varies	0
H-BE-2 Marketing Classroom	0	900	0	0	0	0	0	varies	0
H-BE-3 Workroom/Storage	0	100	0	0	0	0	0	varies	0
Business Education Total			0			0			0

See Note 1

Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	100
451-800 Students	200
801-1200 Students	250
1201-1600 Students	300
1601-2400 Students	400
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-FCS-1 Life Skills Lab	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400	4	1,200	4,800
H-FCS-2 Life Skills Storage	1	200	200	1	250	250	1	300	300	1	350	350	2	400	800
H-FCS-3 Laundry	1	150	150	1	150	150	1	150	150	1	150	150	1	150	150
H-FCS-4 Child Development	0	1,200	0	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200
Family and Consumer Science Total			1,550			2,800			2,850			4,100			6,950

See Note 1

Family And Consumer Science Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-FCS-1 Life Skills Lab	0	1,200	0	0	0	0	0	varies	0
H-FCS-2 Life Skills Storage	0	200	0	0	0	0	0	varies	0
H-FCS-3 Laundry	0	150	0	0	0	0	0	varies	0
H-FCS-4 Child Development	0	1,200	0	0	0	0	0	varies	0
Family and Consumer Science Total			0			0			0

See Note 1

Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	250
801-1200 Students	300
1201-1600 Students	350
1601-2400 Students	400
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students			
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-PE-1 Gymnasium	1	9,300	9,300	1	10,700	10,700	1	12,400	12,400	1	14,000	14,000	1	17,400	17,400	See Note 1
H-PE-2 Auxiliary Gymnasium	0	7,000	0	0	7,000	0	1	7,000	7,000	1	7,000	7,000	1	7,000	7,000	See Note 2
H-PE-3 Student Locker Room	2	550	1,100	2	650	1,300	4	700	2,800	5	850	4,250	8	850	6,800	See Note 3
H-PE-4 Student Restroom/Shower	2	206	411	2	250	500	4	300	1,200	5	350	1,750	8	350	2,800	See Note 4
H-PE-5 Physical Education Storage	1	400	400	1	600	600	1	700	700	1	900	900	2	1,000	2,000	See Note 5
H-PE-6 P.E./Athletic Office	2	75	150	3	75	225	4	75	300	5	75	375	12	75	900	
H-PE-7 Staff Shower	2	75	150	3	75	225	4	75	300	5	75	375	6	75	450	
H-PE-8 Athletic Director's Office	0	120	0	0	120	0	1	120	120	1	120	120	2	120	240	
H-PE-9 Lobby Services	1	100	100	1	200	200	1	250	250	1	300	300	1	500	500	See Note 6
H-PE-10 Training Room	0	200	0	1	300	300	1	400	400	1	600	600	1	900	900	See Note 7
H-PE-11 Physical Health Classroom	0	1,500	0	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500	2	1,500	3,000	
H-PE-12 Multi-use P.E. Room	0	1,400	0	1	1,400	1,400	1	1,600	1,800	1	1,800	1,800	2	2,400	4,800	See Note 8
Physical Education Total			11,611			16,950			28,770			32,970			46,790	

Physical Education Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-PE-1	Gymnasium	0	9,300	0	0	0	0	0	varies	0	See Note 1
H-PE-2	Auxiliary Gymnasium	0	7,000	0	0	0	0	0	varies	0	See Note 2
H-PE-3	Student Locker Room	0	550	0	0	0	0	0	varies	0	See Note 3
H-PE-4	Student Restroom/Shower	0	206	0	0	0	0	0	varies	0	See Note 4
H-PE-5	Physical Education Storage	0	400	0	0	0	0	0	varies	0	See Note 5
H-PE-6	P.E./Athletic Office	0	75	0	0	0	0	0	varies	0	
H-PE-7	Staff Shower	0	75	0	0	0	0	0	varies	0	
H-PE-8	Athletic Director's Office	0	120	0	0	0	0	0	varies	0	
H-PE-9	Lobby Services	0	100	0	0	0	0	0	varies	0	See Note 6
H-PE-10	Training Room	0	200	0	0	0	0	0	varies	0	See Note 7
H-PE-11	Physical Health Classroom	0	1,500	0	0	0	0	0	varies	0	
H-PE-12	Multi-use P.E. Room	0	1,400	0	0	0	0	0	varies	0	See Note 8
Physical Education Total		0			0			0			

Square Footage Allowance Notes								
Student Enrollment	1	2	3	4	5	6	7	8
350-450 Students	9300	7000	550	206	400	100	200	1400
451-800 Students	10700	7000	650	250	600	200	300	1400
801-1200 Students	12400	7000	700	300	700	250	400	1600
1201-1600 Students	14000	7000	850	350	900	300	600	1800
1601-2400 Students	17400	7000	850	350	1000	500	900	2400
Enrollment Determines SF Allowed								

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students			
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-SD-1 Student Dining	1	3,000	3,000	1	4,667	4,667	1	7,000	7,000	1	9,333	9,333	1	14,000	14,000	See Note 1
H-SD-2 Stage	1	1,000	1,000	1	1,600	1,600	1	2,400	2,400	1	3,200	3,200	1	4,800	4,800	
H-SD-3 Scene Shop and Storage	1	400	400	1	450	450	1	500	500	1	600	600	1	1,000	1,000	See Note 2
H-SD-4 Make-up/Dressing Room	2	200	400	2	250	500	2	250	500	2	300	600	2	400	800	See Note 3
H-SD-5 Theatrical Control Room	0	200	0	1	200	200	1	200	200	1	200	200	2	200	400	
H-SD-6 Drama Storage	1	200	200	1	400	400	1	500	500	1	600	600	1	1,000	1,000	See Note 4
H-SD-7 Staff Dining	0	450	0	1	600	600	1	750	750	1	900	900	1	1,200	1,200	See Note 5
H-SD-8 Table Storage	1	400	400	1	500	500	1	600	600	1	700	700	0	700	0	See Note 6
H-SD-9 Family Restroom	1	80	80	1	80	80	1	80	80	1	80	80	2	80	160	
Student Dining Total			5,480			8,997			12,530			16,213			23,360	

Student Dining Worksheet										
Space	New SF			Existing SF			TOTAL SF			
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-SD-1 Student Dining	0	3,000	0	0	0	0	0	varies	0	See Note 1
H-SD-2 Stage	0	0	0	0	0	0	0	varies	0	
H-SD-3 Scene Shop and Storage	0	400	0	0	0	0	0	varies	0	See Note 2
H-SD-4 Make-up/Dressing Room	0	200	0	0	0	0	0	varies	0	See Note 3
H-SD-5 Theatrical Control Room	0	200	0	0	0	0	0	varies	0	
H-SD-6 Drama Storage	0	200	0	0	0	0	0	varies	0	
H-SD-7 Staff Dining	0	450	0	0	0	0	0	varies	0	See Note 5
H-SD-8 Table Storage	0	400	0	0	0	0	0	varies	0	See Note 6
H-SD-9 Family Restroom	0	80	0	0	0	0	0	varies	0	
Student Dining Total			0			0			0	

Student Dining Notes	
Number	Notes:
1	The size of the Student Dining space is equal to one-third of the student enrollment multiplied by 17.5 SF per student or 3,000 SF, whichever is greater.

Square Footage Allowance Notes					
Student Enrollment	2	3	4	5	6
350-450 Students	400	200	200	450	400
451-800 Students	450	250	400	600	500
801-1200 Students	500	250	500	750	600
1201-1600 Students	600	300	600	900	700
1601-2400 Students	1000	400	1000	1200	700
Enrollment Determines SF Allowed					

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students			
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-FS-0 Warming Kitchen	0	900	0	0	1,600	0	0	2,400	0	0	3,200	0	0	4,800	0	See Note 1
H-FS-1 Kitchen (total)	1		1,575	1		2,800	1		4,200	1		5,600	1		8,400	See Note 1 & 2
H-FS-1a Preparation Area		567			1,008			1,512			2,016			3,024		See Kitchen Area Notes
H-FS-1b Serving Area		536			952			1,428			1,904			2,856		See Kitchen Area Notes
H-FS-1c Dry Food Storage		173			308			462			616			924		See Kitchen Area Notes
H-FS-1d Cooler/Freezer		158			280			420			560			840		See Kitchen Area Notes
H-FS-1e Ware Washing		142			252			378			504			756		See Kitchen Area Notes
H-FS-2 Dietician Office	1	75	75	1	75	75	1	75	75	1	75	75	1	150	150	
H-FS-3 Restroom/Locker Rm	1	140	140	1	140	140	1	140	140	1	140	140	2	140	280	
Food Service Total			1,790			3,015			4,415			5,815			8,830	

Food Service Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-FS-0	Warming Kitchen	0	0	0	0	0	0	0	varies	0	See Note 1
H-FS-1	Kitchen (total)	0		0	0		0	0		0	See Note 1 & 2
H-FS-1a	Preparation Area		0			0			varies		See Kitchen Area Notes
H-FS-1b	Serving Area		0			0			varies		See Kitchen Area Notes
H-FS-1c	Dry Food Storage		0			0			varies		See Kitchen Area Notes
H-FS-1d	Cooler/Freezer		0			0			varies		See Kitchen Area Notes
H-FS-1e	Ware Washing		0			0			varies		See Kitchen Area Notes
H-FS-2	Dietician Office	0	75	0	0	0	0	0	varies	0	
H-FS-3	Restroom/Locker Rm	0	140	0	0	0	0	0	varies	0	
Food Service Total			0			0			0		

Food Service Notes	
Number	Notes:
1	Only one of the two Kitchens is to be used - either H-FS-0 OR H-FS-1 - not both.
2	The size of the kitchen is equal to the sum of preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.

Kitchen Area Sizes					
Food Service Area	Enroll	X	SF/Student	x	%
Preparation Area	Enroll	x	3.5	x	36%
Serving Areas	Enroll	x	3.5	x	34%
Dry Food Storage	Enroll	x	3.5	x	11%
Cooler/	Enroll	x	3.5	x	10%
Ware Washing Area	Enroll	x	3.5	x	9%
Warming Kitchen	Enroll	x	2.0		
Multiply Enrollment x SF/Student x % to achieve size of area					

Sample School District, SAMPLE HIGH SCHOOL
CUSTODIAL SPACES
H-CU

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces
The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE	450 Students			800 Students			1200 Students			1600 Students			2400 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-CU-1 Workroom	1	200	200	1	400	400	1	400	400	1	400	400	1	800	800
H-CU-2 Custodial Office	1	100	100	1	100	100	1	100	100	1	100	100	1	400	400
Custodial Total			300			500			500			500			1,200

See Note 1

Custodial Worksheet								
Space	New SF			Existing SF			TOTAL SF	
	Qty	SF	Area	Qty	SF	Area	Qty	SF
H-CU-1 Workroom	0	200	0	0	0	0	0	varies
H-CU-2 Custodial Office	0	100	0	0	0	0	0	varies
Custodial Total			0			0		0

See Note 1

Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	400
801-1200 Students	400
1201-1600 Students	400
1601-2400 Students	800
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		450 Students			800 Students			1200 Students			1600 Students			2400 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-BS-1	Large Group Restrooms	-	1,936	1,936	-	3,181	3,181	-	4,751	4,751	-	6,225	6,225	-	8,983	8,983	See Build Svc Sizes
H-BS-2	Custodial Closet	2	50	100	3	50	150	4	50	200	5	50	250	6	50	300	
H-BS-3	Electrical Closet	2	50	100	3	50	150	4	50	200	5	50	250	6	50	300	
H-BS-4	Telecommunications Room (TR)	2	64	128	3	64	192	4	64	256	5	64	320	5	64	320	See Note 1
H-BS-5	Corridors	-	11,062	11,062	-	18,179	18,179	-	27,148	27,148	-	35,571	35,571	-	51,331	51,331	See Build Svc Sizes
H-BS-6	Mechanical/Electrical Space/Decks	-	3,816	3,816	-	6,272	6,272	-	9,366	9,366	-	12,272	12,272	-	17,709	17,709	See Note 2
H-BS-7	Storage Area	1	150	150	1	200	200	1	250	250	1	250	250	1	500	500	See Build Svc Sizes
H-BS-8	Central Storage Area	1	170	170	1	200	200	1	220	220	1	240	240	1	590	590	See SF Allowance
H-BS-9	Loading/Receiving Area	1	120	120	1	120	120	1	120	120	1	120	120	1	400	400	See SF Allowance
H-BS-10	Restroom	0	60	0	0	60	0	0	60	0	0	60	0	0	60	0	
H-BS-11	Recycling Room	1	80	80	1	100	100	1	130	130	1	160	160	1	210	210	See SF Allowance
Building Services Total				17,662			28,744			42,640			55,658			80,643	

Building Services Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-BS-1	Large Group Restrooms	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
H-BS-2	Custodial Closet	0	50	0	0	0	0	0	varies	0	
H-BS-3	Electrical Closet	0	50	0	0	0	0	0	varies	0	
H-BS-4	Telecommunications Room (TR)	0	64	0	0	0	0	0	varies	0	See Note 1
H-BS-5	Corridors	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
	Vertical Circulation	-	0	0	-	0	0	-	varies	0	See Note 2
H-BS-6	Mechanical/Electrical Space/Decks	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
H-BS-7	Storage Area	0	150	0	0	0	0	0	varies	0	See SF Allowance
H-BS-8	Central Storage Area	0	170	0	0	0	0	0	varies	0	See SF Allowance
H-BS-9	Loading/Receiving Area	0	120	0	0	0	0	0	varies	0	
H-BS-10	Restroom	0	60	0	0	0	0	0	varies	0	
H-BS-11	Recycle Room	0	80	0	0	0	0	0	varies	0	See SF Allowance
Building Services Total				0			0			0	

Building Services Notes	
Number	Notes:
1	Size of Telecommunications Room varies with size of high school. See page 61144.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room.

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Large Group Restrooms	Prog	x	3.5
Corridors	Prog	x	20.0
Mechanical/Electrical Space/Decks	Prog	x	6.9
Multiply Sum of Program Areas - Building Services x % to achieve size of area			

Square Footage Allowance Notes			
Student Enrollment	Stor	Ctl Stor	Recycle
350-450 Students	150	170	80
451-800 Students	200	200	100
801-1200 Students	250	220	130
1201-1600 Students	250	240	160
1601-2400 Students	500	590	210
Enrollment Determines SF Allowed			

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Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

EXAMPLE-650 Students		
Grade Configuration:	K-12	Area
Student Enrollment		
Enter number of Elementary School students	300	
Enter number of Middle School students	150	
Enter number of High School students	200	
Total Student Capacity	650	
SF per student		
SF per Elementary School student	134	40,255
SF per Middle School student	162	24,314
SF per High School student	193	38,645
Total Gross Square Feet Funded		103,215
C-AC Academic Core Spaces		23,800
C-SE Special Education Spaces		2,650
C-AD Administrative Spaces		2,990
C-MC Media Center Spaces		3,275
C-VA Visual Arts Spaces		2,800
C-MU Music Spaces		3,955
C-PE Physical Education Spaces		15,800
C-SD Student Dining Spaces		6,322
C-FCS Family and Consumer Science Spaces		2,650
C-TE Technology Education Spaces		3,350
C-BE Business Education Spaces		0
C-FS Food Service Spaces		2,490
C-CU Custodial Spaces		500
Facility Subtotal:		70,582
C-BS Building Services		22,405
Facility Total:		92,986
Construction Factor (11% multiplied by the facility total)		0.11
Total Gross Square Feet Developed:		103,215
Difference of GSF developed from GSF allowable		(0)

SUMMARY OF SPACES WORKSHEET

Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

WORKSHEET			
Grade Configuration:			Area
Student Enrollment		K-12	
Enter number of Elementary School students			
Enter number of Middle School students			
Enter number of High School students			
Total Student Enrollment		-	
SF per student			
SF per Elementary School student			-
SF per Middle School student			-
SF per High School student			-
Total Gross Square Feet Funded			-
SELECT ONE <input checked="" type="radio"/> Single or Two Story Building <input type="radio"/> 3 Stories or greater			See note 1
Vert. Cir. Area Allowance (3 Stories or greater)			0
Total Adjusted POR Gross Square Footage			0
Program Area		New SF	Exst. SF*
C-AC	Academic Core Spaces	0	0
C-SE	Special Education Spaces	0	0
C-AD	Administrative Spaces	0	0
C-MC	Media Center Spaces	0	0
C-VA	Visual Arts Spaces	0	0
C-MU	Music Spaces	0	0
C-PE	Physical Education Spaces	0	0
C-SD	Student Dining Spaces	0	0
C-FCS	Family and Consumer Science Spaces	0	0
C-TE	Technology Education Spaces	0	0
C-BE	Business Education Spaces	0	0
C-FS	Food Service Spaces	0	0
C-CU	Custodial Spaces	0	0
Facility Subtotal:		0	0
C-BS	Building Services	0	0
Facility Total		0	0
Construction Factor (11% multiplied by the facility total)		0.11	na
Actual Gross Square Feet Developed		0	0
Minus existing co-funded Oversize Area from Master Plan			0
Adjusted Existing Area			0
Total Adjusted Gross Square Footage Developed (without Oversize Area)			0
Difference of GSF developed from GSF allowable			0

Worksheet Summary Notes	
Number	Notes:
Special	Individual spaces are taken from the space plates which are located throughout Chapters 4, 5, and 6. Please see these particular chapters for specific requirements for each space.
1	Vertical Circulation (3 Stories or greater) refers only to the following: Stairways/stairtowers, monumental stairs, elevators, and elevator equipment room.
2	Existing Gross Square Feet taken from master facility plan.
3	Oversize Area also taken from master facility plan.
*	The Existing SF column is used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.

The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				Square Footage Allowance Notes			
Space	Qty	SF	Area	Enroll	1	2	3
E-AC-1 Pre-Kindergarten Classroom	1	1,200	1,200	350-450	300	300	50
E-AC-1 Kindergarten Classroom	1	1,200	1,200	451-800	300	300	100
E-AC-2 Pre-Kindergarten Restroom	1	60	60	801-1200	400	400	150
E-AC-2 Kindergarten Restroom	1	60	60	1201-1600	400	600	200
E-AC-3 Elementary Classroom	10	900	9,000	Enrollment Determines SF Allowed			
E-AC-4 Science/Computer Lab	0	1,000	0				
E-AC-5 Teacher Prep Area/Workroom	1	300	300	See Note 2 - E - 300 students			
E-AC-6 Individual Restroom	1	60	60				
E-AC-7 Instructional Material Storage	1	200	200	See Note 3 - E - 300 students			
E-AC-8 Small Group Room	0	150	0	See Note 4			
E-AC-9 Multi-use Studio	0	1,500	0	See Note 4			
E-AC-10 Kinesthetic Learning Studio	1	1,200	1,200	See Note 4			
M-AC-1 Middle School Classroom	3	900	2,700				
M-AC-2 Project Laboratory	1	1,000	1,000				
M-AC-3 Sci/Tech/Eng/Math/Computer Lab	0	1,000	0				
M-AC-4 Teacher Prep Area/Workroom	1	300	300	See Note 2 - M - 150 students			
M-AC-5 Individual Restroom	1	60	60				
M-AC-6 Instructional Material Storage	1	200	200	See Note 3 - M - 150 students			
M-AC-7 Small Group Room	0	150	0				
M-AC-7a Small Group Room	0	150	0	See Note 4			
M-AC-8 Multi-use Studio	0	1,500	0	See Note 4			
M-AC-9 Kinesthetic Learning Studio	0	1,200	0	See Note 4			
H-AC-1 High School Classroom	4	900	3,600				
H-AC-2 Science Classroom - General Phys	1	1,000	1,000	Requires a variance			
H-AC-3 Science Classroom - Chemistry	1	1,000	1,000	Requires a variance			
H-AC-4 Science Classroom - Biology	0	1,200	0				
H-AC-5 Science Prep	1	300	300	See Note 1 - H - 200 students			
H-AC-6 Teacher Prep Area/Workroom	1	300	300	See Note 2 - H - 200 students			
H-AC-7 Individual Restroom	1	60	60				
H-AC-8 Project/Classroom	0	1,100	0				
H-AC-9 Small Group Room	0	150	0				
H-AC-10 Instructional Material Storage	0	50	0	See Note 3 - H - 200 students			
H-AC-11 Multi-Use Room	0	1,500	0				
H-AC-12 Science Laboratory	0	1,000	0				
H-AC-9a Small Group Room	0	150	0	See Note 4			
H-AC-13 Multi-use Studio	0	1,500	0	See Note 4			
H-AC-14 Kinesthetic Learning Studio	0	1,200	0	See Note 4			
Academic Core Total			23,800				

Academic Core Notes	
Number	Notes:
4	These spaces are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are: E-AC-8, M-AC-7a, H-AC-9a=150 SF. E/M/H Multi-use Studio=1500 SF. E/M/H Kinesthetic Studio=1200 SF.

Core Academic Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-AC-1	Pre-Kindergarten Classroom	0	1,200	0	0	0	0	0	varies	0
E-AC-1	Kindergarten Classroom	0	1,200	0	0	0	0	0	varies	0
E-AC-2	Pre-Kindergarten Restroom	0	60	0	0	0	0	0	varies	0
E-AC-2	Kindergarten Restroom	0	60	0	0	0	0	0	varies	0
E-AC-3	Elementary Classroom	0	900	0	0	0	0	0	varies	0
E-AC-4	Science/Computer Lab	0	1,000	0	0	0	0	0	varies	0
E-AC-5	Teacher Prep Area/Workroom	0	300	0	0	0	0	0	varies	See Note 2 - E - 300 students
E-AC-6	Individual Restroom	0	60	0	0	0	0	0	varies	0
E-AC-7	Instructional Material Storage	0	50	0	0	0	0	0	varies	See Note 3 - E - 300 students
E-AC-8	Small Group Room	0	150	0	0	0	0	0	varies	0
E-AC-9	Multi-use Studio	0	1,500	0	0	0	0	0	varies	See Note 4
E-AC-10	Kinesthetic Learning Studio	0	1,200	0	0	0	0	0	varies	See Note 4
M-AC-1	Middle School Classroom	0	900	0	0	0	0	0	varies	0
M-AC-2	Project Laboratory	0	1,100	0	0	0	0	0	varies	0
M-AC-3	Sci/Tech/Eng/Math/Computer Lab	0	1,000	0	0	0	0	0	varies	0
M-AC-4	Teacher Prep Area/Workroom	0	300	0	0	0	0	0	varies	See Note 2 - M - 150 students
M-AC-5	Individual Restroom	0	60	0	0	0	0	0	varies	0
M-AC-6	Instructional Material Storage	0	50	0	0	0	0	0	varies	See Note 3 - M - 150 students
M-AC-7	Small Group Room	0	150	0	0	0	0	0	varies	0
M-AC-7a	Small Group Room	0	150	0	0	0	0	0	varies	See Note 4
M-AC-8	Multi-use Studio	0	1,500	0	0	0	0	0	varies	See Note 4
M-AC-9	Kinesthetic Learning Studio	0	1,200	0	0	0	0	0	varies	See Note 4
H-AC-1	High School Classroom	0	900	0	0	0	0	0	varies	0
H-AC-2	Science Classroom - General/Phys	0	1,200	0	0	0	0	0	varies	Requires a variance
H-AC-3	Science Classroom - Chemistry	0	1,200	0	0	0	0	0	varies	Requires a variance
H-AC-4	Science Classroom - Biology	0	1,200	0	0	0	0	0	varies	0
H-AC-5	Science Prep	0	300	0	0	0	0	0	varies	See Note 1 - H - 200 students
H-AC-6	Teacher Prep Area/Workroom	0	300	0	0	0	0	0	varies	See Note 2 - H - 200 students
H-AC-7	Individual Restroom	0	60	0	0	0	0	0	varies	0
H-AC-8	Project/Classroom	0	1,100	0	0	0	0	0	varies	0
H-AC-9	Small Group Room	0	150	0	0	0	0	0	varies	0
H-AC-10	Instructional Material Storage	0	50	0	0	0	0	0	varies	See Note 3 - H - 200 students
H-AC-11	Multi-Use Room	0	1,500	0	0	0	0	0	varies	0
H-AC-12	Science Laboratory	0	1,000	0	0	0	0	0	varies	0
H-AC-9a	Small Group Room	0	150	0	0	0	0	0	varies	See Note 4
H-AC-13	Multi-use Studio	0	1,500	0	0	0	0	0	varies	See Note 4
H-AC-14	Kinesthetic Learning Studio	0	1,200	0	0	0	0	0	varies	See Note 4
Academic Core Total				0			0			0

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
E/M/H-SE-1 Self-contained Classroom	1	900	900
E/M/H-SE-2 Workroom/Conference	1	150	150
E/M/H-SE-3 Restroom/Shower	1	100	100
E/M/H-SE-4 Special Education/Resource	1	900	900
E/M/H-SE-5 Small Self-contained Classroom	1	600	600
Special Education Total			2,650

See Note 1

See Note 2

See Note 3

Special Education Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E/M/H-SE-1 Self-contained Classroom	0	900	0	0	0	0	0	varies	0
E/M/H-SE-2 Workroom/Conference	0	150	0	0	0	0	0	varies	0
E/M/H-SE-3 Restroom/Shower	0	100	0	0	0	0	0	varies	0
E/M/H-SE-4 Special Education/Resource	0	900	0	0	0	0	0	varies	0
E/M/H-SE-5 Small Self-contained Classroom	0	600	0	0	0	0	0	varies	0
Special Education Total			0			0			0

See Note 1

See Note 2

See Note 3

Special Education Notes	
Number	Notes:
1	Self-contained classroom(s) could 'house' various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.
2	Workroom/Conference could 'house' orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.
3	Special Education/Resource could 'house' cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic, brain injury, learning disability, deaf/blindness, etc. See Chapter 1, Section 1110 for more information.

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E/M/H-AD-1 Reception Area	1	300	300	See Notes 1, 2, 3
E/M/H-AD-2 Secretarial Area	1	250	250	See Notes 4, 5, 6
E/M/H-AD-3 Principal's Office	1	150	150	
E/M/H-AD-4 Assistant Principal's Office	1	120	120	
E/M/H-AD-5 Conference Room	1	250	250	
E/M/H-AD-6 Mail/Work/Copy Room	1	200	200	See Notes 7, 8, 9
E/M/H-AD-7 Administrative Storage	1	75	75	See Note 10
E/M/H-AD-8 Vault/Records Storage	1	100	100	See Notes 11, 12, 13
E/M/H-AD-9 In-school Suspension	1	300	300	See Notes 14, 15, 16
E/M/H-AD-10 Restroom	2	60	120	
E/M/H-AD-11 Guidance Counselor's Office	2	120	240	
E/M/H-AD-12 Guidance Records/Storage	1	75	75	See Note 17
E/M/H-AD-13 Guidance Conference Room	1	200	200	See Note 18
E/M/H-AD-14 Parent/Volunteer Room	0	225	0	See Note 19
E/M/H-AD-15 Health Clinic (incl. RR)	1	350	350	See Notes 20, 21, 22
E/M/H-AD-16 Itinerant Personnel Office	1	120	120	
E/M/H-AD-17 Guidance Conf. & Career Ctr.	1	140	140	See Note 23
Administrative Total			2,990	

Administration Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E/M/H-AD-1	Reception Area	0	200	0	0	0	0	0	varies	0	See Notes 1, 2, 3
E/M/H-AD-2	Secretarial Area	0	200	0	0	0	0	0	varies	0	See Notes 4, 5, 6
E/M/H-AD-3	Principal's Office	0	150	0	0	0	0	0	varies	0	
E/M/H-AD-4	Assistant Principal's Office	0	120	0	0	0	0	0	varies	0	
E/M/H-AD-5	Conference Room	0	250	0	0	0	0	0	varies	0	
E/M/H-AD-6	Mail/Work/Copy Room	0	200	0	0	0	0	0	varies	0	See Notes 7, 8, 9
E/M/H-AD-7	Administrative Storage	0	150	0	0	0	0	0	varies	0	See Note 10
E/M/H-AD-8	Vault/Records Storage	0	85	0	0	0	0	0	varies	0	See Notes 11, 12, 13
E/M/H-AD-9	In-school Suspension	0	200	0	0	0	0	0	varies	0	See Notes 14, 15, 16
E/M/H-AD-10	Restroom	0	60	0	0	0	0	0	varies	0	
E/M/H-AD-11	Guidance Counselor's Office	0	120	0	0	0	0	0	varies	0	
E/M/H-AD-12	Guidance Records/Storage	0	100	0	0	0	0	0	varies	0	See Note 17
E/M/H-AD-13	Guidance Conference Room	0	150	0	0	0	0	0	varies	0	See Note 18
E/M/H-AD-14	Parent/Volunteer Room	0	200	0	0	0	0	0	varies	0	See Note 19
E/M/H-AD-15	Health Clinic (incl. RR)	0	400	0	0	0	0	0	varies	0	See Notes 20, 21, 22
E/M/H-AD-16	Itinerant Personnel Office	0	120	0	0	0	0	0	varies	0	
E/M/H-AD-17	Guidance Conf. & Career Ctr.	0	300	0	0	0	0	0	varies	0	See Note 23
Administrative Total		0			0			0			

Refer to SF Allowance Notes on next page

Elementary School Square Footage Allowance Notes						
Student Enrollment	1	4	7	11	14	20
350-400 Students	200	200	200	50	225	300
401-550 Students	300	300	250	65	250	350
551-700 Students	400	400	300	80	300	450
Enrollment Determines SF Allowed						

Middle School or K-6 Square Footage Allowance Notes						
Student Enrollment	2	5	8	12	15	21
350-450 Students	200	200	200	50	200	350
451-600 Students	300	300	250	65	250	400
601-750 Students	400	400	300	80	325	450
Enrollment Determines SF Allowed						

High School or K-12 or 6-12 Square Footage Allowance Notes						
Student Enrollment	3	6	9	13	16	22
350-450 Students	200	200	200	85	200	400
451-800 Students	400	400	300	115	325	450
801-1200 Students	500	500	400	145	450	500
1201-1600 Students	600	600	500	175	575	550
Enrollment Determines SF Allowed						

All Grade Level Square Footage Allowance Notes					
Student Enrollment	10	17	18	19	23
350-450 Students	150	100	150	200	300
451-800 Students	150	100	200	300	400
801-1200 Students	200	200	250	400	500
1201-1600 Students	200	200	250	400	700
Enrollment Determines SF Allowed					

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space		Qty	SF	Area
E-MC-1	Reading Room/Circulation	1	900	900
E-MC-2	Media Specialist Office	0	120	0
E-MC-3	Workroom/Storage	0	190	0
E-MC-4	Main Control/Equipment Rm	0	300	0
E-MC-5	Conference Room	0	200	0
M-MC-1	Reading Room/Circulation	1	525	525
M-MC-2	Media Specialist Office	0	120	0
M-MC-3	Workroom/Storage	0	150	0
M-MC-4	Main Control/Equipment Rm	0	300	0
M-MC-5	Conference Room	0	210	0
M-MC-6	Multimedia Production Room	0	400	0
H-MC-1	Reading Room/Circulation	1	700	700
H-MC-2	Media Specialist Office	1	120	120
H-MC-3	Workroom/Storage	1	210	210
H-MC-4	Main Control/Equipment Rm	1	300	300
H-MC-5	Conference Room	1	120	120
H-MC-6	Multimedia Production Room	1	300	300
H-MC-7	Document Storage	1	100	100
H-AC-9	Small Group Room	0	150	0
Media Center Total				3,275

See Note 1

See Note 2

E - 300 students

See Note 3

See Note 4

M - 150 students

See Note 5

See Note 6

See Note 7

See Note 8

See Note 9

See Note 10

Media Center Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-MC-1	Reading Room/Circulation	0	0	0	0	0	0	0	varies	0	See Note 1
E-MC-2	Media Specialist Office	0	120	0	0	0	0	0	varies	0	
E-MC-3	Workroom/Storage	0	190	0	0	0	0	0	varies	0	See Note 2
E-MC-4	Main Control/Equipment Rm	0	300	0	0	0	0	0	varies	0	
E-MC-5	Conference Room	0	200	0	0	0	0	0	varies	0	E - 300 students
M-MC-1	Reading Room/Circulation	0	0	0	0	0	0	0	varies	0	
M-MC-2	Media Specialist Office	0	120	0	0	0	0	0	varies	0	See Note 3
M-MC-3	Workroom/Storage	0	150	0	0	0	0	0	varies	0	
M-MC-4	Main Control/Equipment Rm	0	300	0	0	0	0	0	varies	0	M - 150 students
M-MC-5	Conference Room	0	210	0	0	0	0	0	varies	0	
M-MC-6	Multimedia Production Room	0	400	0	0	0	0	0	varies	0	See Note 6
H-MC-1	Reading Room/Circulation	0	0	0	0	0	0	0	varies	0	
H-MC-2	Media Specialist Office	0	120	0	0	0	0	0	varies	0	See Note 7
H-MC-3	Workroom/Storage	0	300	0	0	0	0	0	varies	0	
H-MC-4	Main Control/Equipment Rm	0	300	0	0	0	0	0	varies	0	See Note 8
H-MC-5	Conference Room	0	250	0	0	0	0	0	varies	0	
H-MC-6	Multimedia Production Room	0	400	0	0	0	0	0	varies	0	See Note 9
H-MC-7	Document Storage	0	200	0	0	0	0	0	varies	0	
H-AC-9	Small Group Room	0	160	0	0	0	0	0	varies	0	See Note 10
Media Center Total			0			0			0		

See Note 1

See Note 2

E - 300 students

See Note 3

See Note 4

M - 150 students

See Note 5

See Note 6

See Note 7

See Note 8

See Note 9

See Note 10

Refer to SF Allowance Notes on next page.

Sample School District, **SAMPLE K-12 SCHOOL**
MEDIA CENTER SPACES
C-MC

CHAPTER 2: BRACKETING

Media Center Notes	
Number	Notes:
1	The size of the reading room/circulation space is equal to 10% of the elementary student enrollment multiplied by 30 SF per student.
3	The size of the reading room/circulation space is equal to 10% of the middle school student enrollment multiplied by 35 SF per student.
7	The size of the reading room/circulation space is equal to 10% of the high school student enrollment multiplied by 35 SF per student.

Elementary School Square Footage Allowance Notes	
Student Enrollment	2
350-400 Students	190
401-550 Students	250
551-700 Students	340
Enrollment Determines SF Allowed	

Middle School or K-6 Square Footage Allowance Notes			
Student Enrollment	4	5	6
350-450 Students	150	210	400
451-600 Students	233	280	400
601-750 Students	350	310	400
Enrollment Determines SF Allowed			

High School or K-12 or 6-12 Square Footage Allowance Notes			
Student Enrollment	8	9	10
350-450 Students	300	200	160
451-800 Students	400	300	260
801-1200 Students	500	300	280
1201-1600 Students	600	400	330
Enrollment Determines SF Allowed			

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
E-VA-1 Elementary Art Room	1	1,200	1,200
E-VA-2 Kiln/Ceramic Storage	1	100	100
E-VA-3 Art Material Storage	0	100	0
M-VA-1 Middle School Art Room	0	1,200	0
M-VA-2 Kiln/Ceramic Storage	0	100	0
M-VA-3 Art Material Storage	0	100	0
H-VA-1 High School Art Room	1	1,200	1,200
H-VA-2 Kiln/Ceramic Storage	1	100	100
H-VA-3 Art Material Storage	1	200	200
Visual Arts Total			2,800

See Note 1
See Note 2
See Note 3
See Note 1
See Note 2
See Note 4
See Note 1
See Note 2
See Note 5

Visual Arts Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-VA-1 Elementary Art Room	0	1,200	0	0	0	0	0	varies	0
E-VA-2 Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0
E-VA-3 Art Material Storage	0	100	0	0	0	0	0	varies	0
M-VA-1 Middle School Art Room	0	1,200	0	0	0	0	0	varies	0
M-VA-2 Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0
M-VA-3 Art Material Storage	0	100	0	0	0	0	0	varies	0
H-VA-1 High School Art Room	0	1,200	0	0	0	0	0	varies	0
H-VA-2 Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0
H-VA-3 Art Material Storage	0	200	0	0	0	0	0	varies	0
Visual Arts Total			0			0			0

See Note 1
See Note 2
See Note 3
See Note 1
See Note 2
See Note 4
See Note 1
See Note 2
See Note 5

All Grade Level Square Footage Allowance Notes		
Student Enrollment	1	2
350-450 Students	1200	100
451-800 Students	1200	200
801-1200 Students	1400	200
1201-1600 Students	1400	200
Enrollment Determines SF Allowed. Note 1: 1400 for HS only.		

Elem. School Sq.Ft. Allowance Notes	
Student Enrollment	3
350-400 Students	100
401-550 Students	125
551-700 Students	150
Enrollment Determines SF Allowed	

Mid. School & K-6 Sq. Ft. Allowance Notes	
Student Enrollment	4
350-450 Students	100
451-600 Students	150
601-750 Students	200
Enrollment Determines SF Allowed	

High School & K-12 or 6-12 Sq. Ft. Allowance Notes	
Student Enrollment	5
350-450 Students	200
451-800 Students	300
801-1200 Students	300
1201-1600 Students	300
Enrollment Determines SF Allowed	

MUSIC SPACES**C-MU**

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces

The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE - 650 STUDENTS				
Space		Qty	SF	Area
E-MU-1	Music Room	1	1,200	1,200
M-MU-1	Instrumental Room	0	1,400	0
M-MU-2	Vocal Room	0	1,200	0
M-MU-3	Music Library	1	200	200
H-MU-1	Instrumental Room	1	1,800	1,800
H-MU-2	Instrument Storage	1	325	325
H-MU-3	Orchestra Storage	0	200	0
H-MU-4	Instrumental Music Office/Library	0	120	0
H-MU-5	Uniform Storage	1	150	150
H-MU-6	Vocal Room	0	1,200	0
H-MU-7	Vocal Storage	0	150	0
H-MU-8	Vocal Music Office/Library	0	120	0
H-MU-9	Ensemble Room	1	200	200
H-MU-10	Practice Room	1	80	80
Music Total			3,955	

E - 300 students

See Note 1

M - 150 students

See Note 2

See Note 3

See Note 4

HS - 200 Students See Note 5

See Note 6

See Note 7

See Note 8

Music Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-MU-1	Music Room	0	1,200	0	0	0	0	0	varies	0
M-MU-1	Instrumental Room	0	1,400	0	0	0	0	0	varies	0
M-MU-2	Vocal Room	0	1,200	0	0	0	0	0	varies	0
M-MU-3	Music Library	0	200	0	0	0	0	0	varies	0
H-MU-1	Instrumental Room	0	1,800	0	0	0	0	0	varies	0
H-MU-2	Instrument Storage	0	400	0	0	0	0	0	varies	0
H-MU-3	Orchestra Storage	0	200	0	0	0	0	0	varies	0
H-MU-4	Instrumental Music Library	0	120	0	0	0	0	0	varies	0
H-MU-5	Uniform Storage	0	150	0	0	0	0	0	varies	0
H-MU-6	Vocal Room	0	1,200	0	0	0	0	0	varies	0
H-MU-7	Vocal Storage	0	150	0	0	0	0	0	varies	0
H-MU-8	Vocal Music Library	0	120	0	0	0	0	0	varies	0
H-MU-9	Ensemble Room	0	200	0	0	0	0	0	varies	0
H-MU-10	Practice Room	0	80	0	0	0	0	0	varies	0
Music Total			0		0				0	

See Note 1

See Note 2

See Note 3

See Note 4

See Note 5

See Note 6

See Note 7

See Note 8

Mid. School or K-6 Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	1400
451-600 Students	1500
601-750 Students	1600
Enrollment Determines SF Allowed	

High School or 6-12 Square Footage Allowance Notes							
Student Enrollment	2	3	4	5	6	7	8
350-450 Students	1800	400	200	150	1200	150	200
451-800 Students	2000	500	250	200	1200	200	300
801-1200 Students	2500	600	250	300	1200	300	300
1201-1600 Students	3000	700	350	300	1500	300	300
Enrollment Determines SF Allowed							

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E-PE-1 Gymnasium	0	0	0	See Note 1
E-PE-2 P. E. Workroom/Storage	0	0	0	See Note 2 - E - 300 students
M-PE-1 Gymnasium	1	4,000	4,000	See Note 3
M-PE-2 Auxiliary Gym	0	0	0	See Note 15
M-PE-3 P.E./Athletic Office	0	75	0	
M-PE-4 Staff Shower	0	75	0	
M-PE-5 Student Locker Room	0	0	0	See Note 4 - M - 150 students
M-PE-6 Student Restroom/Shower	0	250	0	
M-PE-7 Physical Education Storage	0	0	0	See Note 5
H-PE-1 Gymnasium	1	9,300	9,300	See Note 6
H-PE-2 Auxiliary Gymnasium	0	0	0	See Note 7
H-PE-3 Student Locker Room	2	550	1,100	See Note 8
H-PE-4 Student Restroom/Shower	2	200	400	See Note 9
H-PE-5 Physical Education Storage	1	400	400	See Note 10 - H - 200 students
H-PE-6 P.E./Athletic Office	2	75	150	
H-PE-7 Staff Shower	2	75	150	
H-PE-8 Athletic Director's Office	0	120	0	
H-PE-9 Lobby Services	1	100	100	See Note 11
H-PE-10 Training Room	1	200	200	See Note 12
H-PE-11 Physical Health Classroom	0	0	0	See Note 13
H-PE-12 Multi-use P.E. Room	0	1,200	0	See Note 14
Physical Education Total			15,800	

Physical Education Worksheet											
		New SF			Existing SF			TOTAL SF			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-PE-1	Gymnasium	0	3,500	0	0	0	0	0	varies	0	See Note 1
E-PE-2	P. E. Workroom/Storage	0	200	0	0	0	0	0	varies	0	See Note 2 - E - 300 students
M-PE-1	Gymnasium	0	7,000	0	0	0	0	0	varies	0	See Note 3
M-PE-2	Auxiliary Gym	0	0	0	0	0	0	0	varies	0	See Note 15
M-PE-3	P.E./Athletic Office	0	75	0	0	0	0	0	varies	0	
M-PE-4	Staff Shower	0	75	0	0	0	0	0	varies	0	
M-PE-5	Student Locker Room	0	600	0	0	0	0	0	varies	0	See Note 4 - M - 150 students
M-PE-6	Student Restroom/Shower	0	250	0	0	0	0	0	varies	0	
M-PE-7	Physical Education Storage	0	300	0	0	0	0	0	varies	0	See Note 5
H-PE-1	Gymnasium	0	9,300	0	0	0	0	0	varies	0	See Note 6
H-PE-2	Auxiliary Gymnasium	0	7,000	0	0	0	0	0	varies	0	See Note 7
H-PE-3	Student Locker Room	0	550	0	0	0	0	0	varies	0	See Note 8
H-PE-4	Student Restroom/Shower	0	200	0	0	0	0	0	varies	0	See Note 9
H-PE-5	Physical Education Storage	0	400	0	0	0	0	0	varies	0	See Note 10 - H - 200 students
H-PE-6	P.E./Athletic Office	0	75	0	0	0	0	0	varies	0	
H-PE-7	Staff Shower	0	75	0	0	0	0	0	varies	0	
H-PE-8	Athletic Director's Office	0	120	0	0	0	0	0	varies	0	
H-PE-9	Lobby Services	0	100	0	0	0	0	0	varies	0	See Note 11
H-PE-10	Training Room	0	200	0	0	0	0	0	varies	0	See Note 12
H-PE-11	Physical Health Classroom	0	750	0	0	0	0	0	varies	0	See Note 13
H-PE-12	Multi-use P.E. Room	0	1,400	0	0	0	0	0	varies	0	See Note 14
Physical Education Total				0	0			0			

Refer to Square Footage Allowance Notes on next page.

Elementary School Square Footage Allowance Notes		
Student Enrollment	1	2
350-400 Students	3500	200
401-550 Students	4000	300
551-700 Students	4700	400
Enrollment Determines SF Allowed		

Middle School or K-6 Square Footage Allowance Notes			
Student Enrollment	3	4	5
350-450 Students	7000	600	300
451-600 Students	7500	600	325
601-750 Students	8000	650	500
Enrollment Determines SF Allowed			

Physical Education Notes	
Number	Notes:
15	Auxiliary Gym may be selected for student enrollments above 1000 MS students.

High School or K-12 or 6-12 Square Footage Allowance Notes									
Student Enrollment	6	7	8	9	10	11	12	13	14
350-450 Students	9300	7000	550	200	400	100	200	750	1400
451-800 Students	10700	7000	650	250	600	200	300	1500	1400
801-1200 Students	12400	7000	700	300	800	200	400	1500	1600
1201-1600 Students	14000	7000	850	350	1000	200	500	2000	1800
Enrollment Determines SF Allowed									

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E/M/H-SD-1 Student Dining	1	3,792	3,792	See Note 1
E/M/H-SD-2 Stage	1	1,000	1,000	
E&M-SD-3/H-SD-7 Staff Dining	0		0	See Note 2
E&M-SD-4/H-SD-8 Table Storage	1	400	400	See Note 3
H-SD-3 Scene Shop and Storage	1	350	350	See Note 4
H-SD-4 Make-up/Dressing Rooms	2	200	400	See Note 5
H-SD-5 Theatrical Control Room	1	150	150	
H-SD-6 Drama Storage	1	150	150	See Note 6
H-SD-9 Family Restroom	1	80	80	
H.S. Student Dining Total			6,322	

Student Dining Worksheet											
		New SF			Existing SF			TOTAL SF			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E/M/H-SD-1	Student Dining	0	3,000	0	0	0	0	0	varies	0	See Note 1
E/M/H-SD-2	Stage	0	0	0	0	0	0	0	varies	0	
E&M-SD-3/H-SD-7	Staff Dining	0	250	0	0	0	0	0	varies	0	See Note 2
E&M-SD-4/H-SD-8	Table Storage	0	300	0	0	0	0	0	varies	0	See Note 3
H-SD-3	Scene Shop and Storage	0	400	0	0	0	0	0	varies	0	See Note 4
H-SD-4	Make-up/Dressing Rooms	0	200	0	0	0	0	0	varies	0	See Note 5
H-SD-5	Theatrical Control Room	0	200	0	0	0	0	0	varies	0	See Note 6
H-SD-6	Drama Storage	0	200	0	0	0	0	0	varies	0	
H-SD-9	Family Restroom	0	80	0	0	0	0	0	varies	0	
Student Dining Total				0			0			0	

Student Dining Notes	
Number	Notes:
1	The size of the Student Dining space is equal to one-third of the student enrollment multiplied by 17.5 SF per student or 3,000 SF, whichever is greater.

All Grade Level Square Footage Allowance Notes		
Student Enrollment	2	3
350-500 Students	250	300
501-700 Students	400	400
701-900 Students	550	500
901-Larger Students	700	600
Enrollment Determines SF Allowed		

High School & K-12 or 6-12 Square Footage Allowance Notes			
Student Enrollment	4	5	6
350-450 Students	400	200	200
451-800 Students	450	250	400
801-1200 Students	500	250	500
1201-1600 Students	600	300	600
Enrollment Determines SF Allowed			

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-FCS-1 Life Skills Lab	1	1,100	1,100
M-FCS-2 Life Skills Storage	0	100	0
H-FCS-1 Life Skills Lab	1	1,200	1,200
H-FCS-2 Life Skills Storage	1	200	200
H-FCS-3 Laundry	1	150	150
H-FCS-4 Child Development	0	1,200	0
Family and Consumer Science Total			2,650

See Note 1

Family And Consumer Science Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-FCS-1 Life Skills Lab	0	1,100	0	0	0	0	0	varies	0
M-FCS-2 Life Skills Storage	0	100	0	0	0	0	0	varies	0
H-FCS-1 Life Skills Lab	0	1,200	0	0	0	0	0	varies	0
H-FCS-2 Life Skills Storage	0	200	0	0	0	0	0	varies	0
H-FCS-3 Laundry	0	150	0	0	0	0	0	varies	0
H-FCS-4 Child Development	0	1,200	0	0	0	0	0	varies	0
Family and Consumer Science Total			0			0			0

See Note 1

High School or 6-12 Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	250
801-1200 Students	300
1201-1600 Students	350
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-TE-1a Modular Technology Lab	1	1,300	1,300
M-TE-1b Production Lab	0	1,300	0
M-TE-2 Storage	1	150	150
H-TE-1 Modular Technology Lab	1	1,800	1,800
H-TE-1a Ag-Ed Lab	0	1,800	0
H-TE-2 Storage	1	100	100
H-TE-3 CAD Lab	0	1,200	0
H-TE-4 Production Lab	0	1,600	0
Technology Education Total			3,350

See Note 1

See Note 1

Technology Education Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-TE-1a Modular Technology Lab	0	1,300	0	0	0	0	0	varies	0
M-TE-1b Production Lab	0	1,300	0	0	0	0	0	varies	0
M-TE-2 Storage	0	150	0	0	0	0	0	varies	0
H-TE-1 Modular Technology Lab	0	1,800	0	0	0	0	0	varies	0
H-TE-1a Ag-Ed Lab	0	1,800	0	0	0	0	0	varies	0
H-TE-2 Storage	0	150	0	0	0	0	0	varies	0
H-TE-3 CAD Lab	0	1,200	0	0	0	0	0	varies	0
H-TE-4 Production Lab	0	1,600	0	0	0	0	0	varies	0
Technology Education Total			0			0			0

See Note 1

See Note 1

High School or 6-12 Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	150
451-800 Students	200
801-1200 Students	200
1201-1600 Students	200
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space		Qty	SF	Area
H-BE-1	Computer and Business Classroom	0	1,200	0
H-BE-2	Marketing Classroom	0	900	0
H-BE-3	Workroom/Storage	0	100	0
Business Education Total				0

See Note 1

Business Education Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-BE-1	Computer and Business Classroom	0	1,200	0	0	0	0	0	varies	0
H-BE-2	Marketing Classroom	0	900	0	0	0	0	0	varies	0
H-BE-3	Workroom/Storage	0	100	0	0	0	0	0	varies	0
Business Education Total				0			0			0

See Note 1

See Note 1

High School Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	100
451-800 Students	200
801-1200 Students	250
1201-1600 Students	300
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E/M/H-FS-0 Warming Kitchen	0	1,300	0	See Note 1
E/M/H-FS-1 Kitchen (total)	1		2,275	See Note 1 & 2
E/M/H-FS-1a Preparation Area	1	819		See Kitchen Area Notes
E/M/H-FS-1b Serving Area	1	774		See Kitchen Area Notes
E/M/H-FS-1c Dry Food Storage	1	250		See Kitchen Area Notes
E/M/H-FS-1d Cooler/Freezer	1	228		See Kitchen Area Notes
E/M/H-FS-1e Ware Washing	1	205		See Kitchen Area Notes
E/M/H-FS-2 Dietician Office	1	75	75	
E/M/H-FS-3 RestroomLocker Rm	1	140	140	
Food Service Total			2,490	

Food Services Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E/M/H-FS-0	Warming Kitchen	0	0	0	0	0	0	0	varies	0	See Note 1
E/M/H-FS-1	Kitchen (total)	0		0	0		0	0		0	See Note 1 & 2
E/M/H-FS-1a	Preparation Area		0			0			varies		See Kitchen Area Notes
E/M/H-FS-1b	Serving Area		0			0			varies		See Kitchen Area Notes
E/M/H-FS-1c	Dry Food Storage		0			0			varies		See Kitchen Area Notes
E/M/H-FS-1d	Cooler/Freezer		0			0			varies		See Kitchen Area Notes
E/M/H-FS-1e	Ware Washing		0			0			varies		See Kitchen Area Notes
E/M/H-FS-2	Dietician Office	0	75	0	0	0	0	0	varies	0	
E/M/H-FS-3	RestroomLocker Rm	0	140	0	0	0	0	0	varies	0	
Food Service Total			0			0				0	

Food Service Notes	
Number	Notes:
1	Only one of the two Kitchens is to be used - either E/M/H-FS-0 OR E/M/H-FS-1 - not both.
2	The size of the kitchen is equal to the sum of preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.

Kitchen Area Sizes					
Food Service Area	Enroll	X	SF/Student	x	%
Preparation Area	Enroll	x	3.5	x	36%
Serving Areas	Enroll	x	3.5	x	34%
Dry Food Storage	Enroll	x	3.5	x	11%
Cooler/	Enroll	x	3.5	x	10%
Ware Washing Area	Enroll	x	3.5	x	9%
Warming Kitchen	Enroll	x	2.0		
Multiply Enrollment x SF/Student x % to achieve size of area					

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
E/M/H-CU-1 Workroom	1	400	400
E/M/H-CU-2 Custodial Office	1	100	100
Custodial Total			500

See Note 1

Custodial Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E/M/H-CU-1	Workroom	0	200	0	0	0	0	0	varies	0
E/M/H-CU-2	Custodial Office	0	100	0	0	0	0	0	varies	0
Custodial Total		0			0			0		

See Note 1

All Grade Level Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	400
801-1200 Students	400
1201-1600 Students	400
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
E/M/H-BS-1 Large Group Restrooms		2,470	2,470
E/M/H-BS-2 Custodial Closet	2	50	100
E/M/H-BS-3 Electrical Closet	2	50	100
E/M/H-BS-4 Telecommunications Room (TR)	2	64	128
E/M/H-BS-5 Corridors		14,116	14,116
E/M/H-BS-6 Mechanical Rooms/Decks		4,870	4,870
E/M/H-BS-7 Storage Area	1	200	200
E/M/H-BS-8 Central Storage Area	1	200	200
E/M/H-BS-9 Loading/Receiving Area	1	120	120
E/M/H-BS-10 Restroom	0	60	0
E/M/H-BS-11 Recycling Room	1	100	100
Building Services Total			22,405

See Build Svc Sizes

See Note 1

See Build Svc Sizes

See Build Svc Sizes

See SF Allowance

See SF Allowance

See SF Allowance

Building Services Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E/M/H-BS-1 Large Group Restrooms	-	0	0	-	0	0	-	varies	0
E/M/H-BS-2 Custodial Closet	0	50	0	0	0	0	0	varies	0
E/M/H-BS-3 Electrical Closet	0	50	0	0	0	0	0	varies	0
E/M/H-BS-4 Telecommunications Room (TR)	0	64	0	0	0	0	0	varies	0
E/M/H-BS-5 Corridors	-	0	0	-	0	0	-	varies	0
Vertical Circulation	-	0	0	-	0	0	-	varies	0
E/M/H-BS-6 Mechanical/Electrical Space/Decks	-	0	0	-	0	0	-	varies	0
E/M/H-BS-7 Storage Area	0	150	0	0	0	0	0	varies	0
E/M/H-BS-8 Central Storage Area	0	170	0	0	0	0	0	varies	0
E/M/H-BS-9 Loading/Receiving Area	0	120	0	0	0	0	0	varies	0
E/M/H-BS-10 Restroom	0	60	0	0	0	0	0	varies	0
E/M/H-BS-11 Recycling Room	0	80	0	0	0	0	0	varies	0
Building Services Total			0			0			0

See Build Svc Sizes

See Note 1

See Build Svc Sizes

See Note 2

See Build Svc Sizes

See SF Allowance

See SF Allowance

See SF Allowance

Building Services Notes	
Number	Notes:
1	Size of Telecommunications Room varies with size of school. See page 4111-4, 5113-4 & 6114-4.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room.

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Large Group Restrooms	Prog	x	3.5
Corridors	Prog	x	20.0
Mechanical/Electrical Space/Decks	Prog	x	6.9
Multiply Sum of Program Areas x Building Services X % to achieve size of area.			

Square Footage Allowance Notes			
Student Enrollment	Stor	Ctl Stor	Recycle
350-450 Students	150	170	80
451-800 Students	200	200	100
801-1200 Students	250	220	130
1201-1600 Students	250	240	160
Enrollment Determines SF Allowed			

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Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

EXAMPLE-690 Students		
Grade Configuration:	K-12	Area
Student Enrollment	K - 8	
Enter number of Elementary School students	462	
Enter number of Middle School students	228	
Total Student <i>Enrollment</i>	690	
SF per student		
SF per Elementary School student	118	54,692
SF per Middle School student	147	33,623
Total Gross Square Feet Funded		88,315
C-AC Academic Core Spaces		22,530
C-SE Special Education Spaces		2,650
C-AD Administrative Spaces		3,534
C-MC Media Center Spaces		3,737
C-VA Visual Arts Spaces		2,725
C-MU Music Spaces		2,800
C-PE Physical Education Spaces		11,525
C-SD Student Dining Spaces		4,930
C-FCS Family and Consumer Science Spaces		1,200
C-TE Technology Education Spaces		1,450
C-FS Food Service Spaces		2,630
C-CU Custodial Spaces		500
Facility Subtotal:		60,211
C-BS Building Services		19,352
Facility Total:		79,563
Construction Factor (11% multiplied by the facility total)		0.11
Gross Square Feet Developed:		88,315
Difference of GSF developed from GSF allowable		(0)

SUMMARY OF SPACES WORKSHEET

Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

WORKSHEET			
Grade Configuration:			Area
Student Enrollment		K-8	
Enter number of Elementary School students			
Enter number of Middle School students			
Total Student Enrollment		-	
SF per student			
SF per Elementary School student		0	-
SF per Middle School student		0	-
Total Gross Square Feet Funded			-
SELECT ONE <input type="radio"/> Single or Two Story Buildings <input checked="" type="radio"/> 3 Stories or greater			See Note 1
Vert. Cir. Area Allowance (3 Stories or greater)			0
Total Adjusted POR Gross Square Footage			0
Program Area		New SF	Existing SF*
C-AC	Academic Core Spaces	0	0
C-SE	Special Education Spaces	0	0
C-AD	Administrative Spaces	0	0
C-MC	Media Center Spaces	0	0
C-VA	Visual Arts Spaces	0	0
C-MU	Music Spaces	0	0
C-PE	Physical Education Spaces	0	0
C-SD	Student Dining Spaces	0	0
C-FCS	Family and Consumer Science Spaces	0	0
C-TE	Technology Education Spaces	0	0
C-FS	Food Service Spaces	0	0
C-CU	Custodial Spaces	0	0
Facility Subtotal:		0	0
C-BS	Building Services	0	0
Facility Total		0	0
Construction Factor (11% multiplied by the facility total)		0.11	na
Actual Gross Square Feet Developed		0	0
Minus existing <i>co-funded</i> Oversize Area from Master Plan			0
Adjusted Existing Area			0
Total Adjusted Gross Square Footage Developed (without Oversize Area)			0
Difference of GSF developed from GSF allowable			0

See Note 2

See Note 3

Worksheet Summary Notes	
Number	Notes:
Special	Individual spaces are taken from the space plates which are located throughout Chapters 4, 5, and 6. Please see these particular chapters for specific requirements for each space.
1	Vertical Circulation (3 Stories or greater) refers only to the following: Stairways/stairtowers, monumental stairs, elevators, and elevator equipment room.
2	Existing Gross Square Feet taken from master facility plan.
3	Oversize Area also taken from master facility plan.
*	The Existing SF column is used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 690 STUDENTS			
Space	Qty	SF	Area
E-AC-1 Pre-Kindergarten Classroom	1	1,200	1,200
E-AC-1 Kindergarten Classroom	1	1,200	1,200
E-AC-2 Pre-Kindergarten Restroom	1	60	60
E-AC-2 Kindergarten Restroom	1	60	60
E-AC-3 Elementary Classroom	16	900	14,400
E-AC-4 Science/Computer Lab	0	1,000	0
E-AC-5 Teacher Prep Area/Workroom	1	300	300
E-AC-6 Individual Restroom	1	60	60
E-AC-7 Instructional Material Storage	1	200	200
E-AC-8 Small Group Room	0	150	0
E-AC-9 Multi-use Studio	0	1,500	0
E-AC-10 Kinesthetic Learning Studio	0	1,200	0
M-AC-1 Middle School Classroom	4	900	3,600
M-AC-2 Project Laboratory	1	1,000	1,000
M-AC-3 Sci/Tech/Eng/Math/Computer Lab	0	1,000	0
M-AC-4 Teacher Prep Area/Workroom	1	250	250
M-AC-5 Individual Restroom	0	60	0
M-AC-6 Instructional Material Storage	1	200	200
M-AC-7 Small Group Room	0	150	0
M-AC-7a Small Group Room	0	150	0
M-AC-8 Multi-use Studio	0	1,500	0
M-AC-9 Kinesthetic Learning Studio	0	1,200	0
Academic Core Total			22,530

Square Footage Allowance Note		
Enroll	1	2
350-450	300	50
451-800	300	100
801-1200	400	150
1201-1600	600	200
Enrollment Determines SF Allowed		

See Note 1 - E - 462 students

See Note 2

See Note 3

See Note 3

See Note 3

See Note 1 - M - 228 students

See Note 2

See Note 3

See Note 3

See Note 3

Core Academic Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-AC-1	Pre-Kindergarten Classroom	0	1,200	0	0	0	0	0	varies	0	
E-AC-1	Kindergarten Classroom	0	1,200	0	0	0	0	0	varies	0	
E-AC-2	Pre-Kindergarten Restroom	0	60	0	0	0	0	0	varies	0	
E-AC-2	Kindergarten Restroom	0	60	0	0	0	0	0	varies	0	
E-AC-3	Elementary Classroom	0	900	0	0	0	0	0	varies	0	
E-AC-4	Science/Computer Lab	0	1,000	0	0	0	0	0	varies	0	
E-AC-5	Teacher Prep Area/Workroom	0	300	0	0	0	0	0	varies	See Note 1 - E - 462 students	
E-AC-6	Individual Restroom	0	60	0	0	0	0	0	varies		0
E-AC-7	Instructional Material Storage	0	50	0	0	0	0	0	varies		0
E-AC-8	Small Group Room	0	150	0	0	0	0	0	varies	0	See Note 2
E-AC-9	Multi-use Studio	0	1,500	0	0	0	0	0	varies	0	See Note 3
E-AC-10	Kinesthetic Learning Studio	0	1,200	0	0	0	0	0	varies	0	See Note 3
M-AC-1	Middle School Classroom	0	900	0	0	0	0	0	varies	0	See Note 1 - M - 228 students
M-AC-2	Project Laboratory	0	1,100	0	0	0	0	0	varies	0	
M-AC-3	Sci/Tech/Eng/Math/Computer Lab	0	1,000	0	0	0	0	0	varies	0	
M-AC-4	Teacher Prep Area/Workroom	0	300	0	0	0	0	0	varies	0	See Note 2
M-AC-5	Individual Restroom	0	60	0	0	0	0	0	varies	0	
M-AC-6	Instructional Material Storage	0	50	0	0	0	0	0	varies	0	
M-AC-7	Small Group Room	0	150	0	0	0	0	0	varies	0	See Note 3
M-AC-7a	Small Group Room	0	150	0	0	0	0	0	varies	0	
M-AC-8	Multi-use Studio	0	1,500	0	0	0	0	0	varies	0	
M-AC-9	Kinesthetic Learning Studio	0	1,200	0	0	0	0	0	varies	0	See Note 3
Academic Core Total				0			0			0	

See Note 1 - E - 462 students

See Note 2

See Note 3

See Note 3

See Note 3

See Note 1 - M - 228 students

See Note 2

See Note 3

See Note 3

See Note 3

Academic Core Notes	
Number	Notes:
3	These spaces are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are: E-AC-8, M-AC-7a = 150 SF, E/M Multi-use Studio=1500 SF, E/M Kinesthetic Studio=1200 SF.

The following school size example illustrates the suggested instructional and support spaces
The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE - 690 STUDENTS				
Space		Qty	SF	Area
E/M-SE-1	Self-contained Classroom	1	900	900
E/M-SE-2	Workroom/Conference	1	150	150
E/M-SE-3	Restroom/Shower	1	100	100
E/M-SE-4	Special Education/Resource	1	900	900
E/M-SE-5	Small Self-contained Classroom	1	600	600
Special Education Total				2,650

See Note 1

See Note 2

See Note 3

Special Education Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E/M-SE-1	Self-contained Classroom	0	900	0	0	0	0	0	varies	0	See Note 1
E/M-SE-2	Workroom/Conference	0	150	0	0	0	0	0	varies	0	See Note 2
E/M-SE-3	Restroom/Shower	0	100	0	0	0	0	0	varies	0	See Note 3
E/M-SE-4	Special Education/Resource	0	900	0	0	0	0	0	varies	0	
E/M-SE-5	Small Self-contained Classroom	0	600	0	0	0	0	0	varies	0	
Special Education Total				0			0			0	

See Note 1

See Note 2

See Note 3

Special Education Notes	
Number	Notes:
1	Self-contained classroom(s) could 'house' various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.
2	Workroom/Conference could 'house' orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.
3	Special Education/Resource could 'house' cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic, brain injury, learning disability, deaf/blindness, etc.
	See Chapter 1, Section 1110 for more information.

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 690 STUDENTS				
Space		Qty	SF	Area
E/M-AD-1	Reception Area	1	500	500
E/M-AD-2	Secretarial Area	1	500	500
E/M-AD-3	Principal's Office	1	150	150
E/M-AD-4	Assistant Principal's Office	1	120	120
E/M-AD-5	Conference Room	1	250	250
E/M-AD-6	Mail/Work/Copy Room	1	300	300
E/M-AD-7	Administrative Storage	1	125	125
E/M-AD-8	Vault/Records Storage	1	115	115
E/M-AD-9	In-school Suspension	1	300	300
E/M-AD-10	Restroom	2	60	120
E/M-AD-11	Guidance Counselor's Office	2	120	240
E/M-AD-12	Guidance Records/Storage	1	110	110
E/M-AD-13	Guidance Conference Room	0	200	0
E/M-AD-14	Parent/Volunteer Room	1	234	234
E/M-AD-15	Health Clinic (incl. RR)	1	350	350
E/M-AD-16	Itinerant Personnel Office	1	120	120
E/M-AD-17	Guidance Conf. & Career Ctr.	0	300	0
Administrative Total				3,534

See Notes 1, 2
See Notes 3,4
See Notes 5,6
See Note 7
See Notes 8,9
See Notes 10,11
See Note 12
See Note 13
See Note 14
See Notes 15,16
See Note 17

Administration Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E/M-AD-1	Reception Area	0	200	0	0	0	0	0	varies	0	See Notes 1, 2
E/M-AD-2	Secretarial Area	0	200	0	0	0	0	0	varies	0	
E/M-AD-3	Principal's Office	0	150	0	0	0	0	0	varies	0	
E/M-AD-4	Assistant Principal's Office	0	120	0	0	0	0	0	varies	0	
E/M-AD-5	Conference Room	0	250	0	0	0	0	0	varies	0	
E/M-AD-6	Mail/Work/Copy Room	0	200	0	0	0	0	0	varies	0	See Notes 5,6
E/M-AD-7	Administrative Storage	0	150	0	0	0	0	0	varies	0	See Note 7
E/M-AD-8	Vault/Records Storage	0	50	0	0	0	0	0	varies	0	See Notes 8,9
E/M-AD-9	In-school Suspension	0	200	0	0	0	0	0	varies	0	See Notes 10,11
E/M-AD-10	Restroom	0	60	0	0	0	0	0	varies	0	
E/M-AD-11	Guidance Counselor's Office	0	120	0	0	0	0	0	varies	0	
E/M-AD-12	Guidance Records/Storage	0	100	0	0	0	0	0	varies	0	See Note 12
E/M-AD-13	Guidance Conference Room	0	150	0	0	0	0	0	varies	0	See Note 13
E/M-AD-14	Parent/Volunteer Room	0	200	0	0	0	0	0	varies	0	See Note 14
E/M-AD-15	Health Clinic (incl. RR)	0	350	0	0	0	0	0	varies	0	See Notes 15,16
E/M-AD-16	Itinerant Personnel Office	0	120	0	0	0	0	0	varies	0	
E/M-AD-17	Guidance Conf. & Career Ctr.	0	300	0	0	0	0	0	varies	0	See Note 17
Administrative Total		0			0			0			

See Notes 1, 2
See Notes 3,4
See Notes 5,6
See Note 7
See Notes 8,9
See Notes 10,11
See Note 12
See Note 13
See Note 14
See Notes 15,16
See Note 17

Refer to SF Allowance Notes on next page

Elementary School Square Footage Allowance Notes						
Student Enrollment	1	3	5	8	10	15
350-400 Students	200	200	200	50	225	300
401-550 Students	300	300	250	65	250	350
551-700 Students	400	400	300	80	300	450
Enrollment Determines SF Allowed						

Middle School or K-8 Square Footage Allowance Notes						
Student Enrollment	2	4	6	9	11	16
350-450 Students	200	200	200	50	200	350
451-600 Students	300	300	250	65	250	400
601-750 Students	400	400	300	80	325	450
Enrollment Determines SF Allowed						

All Grade Level Square Footage Allowance Notes					
Student Enrollment	7	12	13	14	17
350-450 Students	150	100	150	200	300
451-800 Students	150	100	200	300	400
801-1200 Students	200	200	250	400	500
1201-1600 Students	200	200	250	400	700
Enrollment Determines SF Allowed					

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces
The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE - 690 STUDENTS					
Space		Qty	SF	Area	
E-MC-1	Reading Room/Circulation	1	1,350	1,350	See Note 1
E-MC-2	Media Specialist Office	0	120	0	
E-MC-3	Workroom/Storage	1	260	260	
E-MC-4	Main Control/Equipment Room	1	300	300	E - 462 students
E-MC-5	Conference Room	1	200	200	
M-MC-1	Reading Room/Circulation	1	727	727	See Note 3
M-MC-2	Media Specialist Office	1	120	120	
M-MC-3	Workroom/Storage	0	250	0	See Note 4
M-MC-4	Main Control/Equipment Room	0	300	0	
M-MC-5	Conference Room	1	380	380	M - 228 students
M-MC-6	Multimedia Production Room	1	400	400	
Media Center Total				3,737	

Media Center Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-MC-1	Reading Room/Circulation	0	0	0	0	0	0	0	varies	0	See Note 1
E-MC-2	Media Specialist Office	0	120	0	0	0	0	0	varies	0	
E-MC-3	Workroom/Storage	0	190	0	0	0	0	0	varies	0	
E-MC-4	Main Control/Equipment Room	0	300	0	0	0	0	0	varies	0	E - 462 students
E-MC-5	Conference Room	0	200	0	0	0	0	0	varies	0	
M-MC-1	Reading Room/Circulation	0	0	0	0	0	0	0	varies	0	See Note 3
M-MC-2	Media Specialist Office	0	120	0	0	0	0	0	varies	0	
M-MC-3	Workroom/Storage	0	150	0	0	0	0	0	varies	0	See Note 4
M-MC-4	Main Control/Equipment Room	0	300	0	0	0	0	0	varies	0	
M-MC-5	Conference Room	0	210	0	0	0	0	0	varies	0	See Note 5
M-MC-6	Multimedia Production Room	0	400	0	0	0	0	0	varies	0	
Media Center Total			0			0				0	

Media Center Notes	
Number	Notes:
1	The size of the reading room/circulation space is equal to 10% of the elementary (or K-8) student enrollment multiplied by 30 SF per student.
3	The size of the reading room/circulation space is equal to 10% of the middle school (or K-8) student enrollment multiplied by 35 SF per student.

Elementary School Square Footage Allowance Notes	
Student Enrollment	
350-400 Students	190
401-550 Students	250
551-700 Students	340
Enrollment Determines SF Allowed	

Middle School or K-8 Square Footage Allowance Notes			
Student Enrollment	4	5	6
350-450 Students	150	210	400
451-600 Students	233	280	400
601-750 Students	350	310	400
Enrollment Determines SF Allowed			

VISUAL ARTS

C-VA

The following school size example illustrates the suggested instructional and support spaces.

The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 690 STUDENTS				
Space	Qty	SF	Area	
E-VA-1 Elementary Art Room	1	1,200	1,200	See Note 1
E-VA-2 Kiln/Ceramic Storage	0	200	0	See Note 2
E-VA-3 Art Material Storage	1	125	125	See Note 3
M-VA-1 Middle School Art Room	1	1,200	1,200	See Note 1
M-VA-2 Kiln/Ceramic Storage	1	100	100	See Note 2
M-VA-3 Art Material Storage	1	100	100	See Note 4
Visual Arts Total			2,725	

Visual Arts Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-VA-1	Elementary Art Room	0	1,200	0	0	0	0	0	varies	0	See Note 1
E-VA-2	Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0	See Note 2
E-VA-3	Art Material Storage	0	100	0	0	0	0	0	varies	0	See Note 3
M-VA-1	Middle School Art Room	0	1,200	0	0	0	0	0	varies	0	See Note 1
M-VA-2	Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0	See Note 2
M-VA-3	Art Material Storage	0	100	0	0	0	0	0	varies	0	See Note 4
Visual Arts Total		0			0			0			

All Grade Level Square Footage Allowance Notes		
Student Enrollment	1	2
350-450 Students	1200	100
451-800 Students	1200	200
801-1200 Students	1400	200
1201-1600 Students	1400	200
Enrollment Determines SF Allowed		

Elem. School Sq.Ft. Allowance Notes	
Student Enrollment	3
350-400 Students	100
401-550 Students	125
551-700 Students	150
Enrollment Determines SF Allowed	

Mid. School or K-8 Sq. Ft. Allowance Notes	
Student Enrollment	4
350-450 Students	100
451-600 Students	150
601-750 Students	200
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 690 STUDENTS				
Space	Qty	SF	Area	
E-MU-1 Music Room	1	1,200	1,200	E - 462 students
M-MU-1 Instrumental Room	1	1,400	1,400	See Note 1
M-MU-2 Vocal Room	0	1,200	0	
M-MU-3 Music Library	1	200	200	M - 228 students
Music Total			2,800	

Music Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-MU-1	Music Room	0	1,200	0	0	0	0	0	varies	0	E - 462 students
M-MU-1	Instrumental Room	0	1,400	0	0	0	0	0	varies	0	See Note 1
M-MU-2	Vocal Room	0	1,200	0	0	0	0	0	varies	0	
M-MU-3	Music Library	0	200	0	0	0	0	0	varies	0	M - 228 students
Music Total				0			0			0	

Mid. School or K-8 Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	1400
451-600 Students	1500
601-750 Students	1600
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 690 STUDENTS				
Space		Qty	SF	Area
E-PE-1	Gymnasium	1	2,500	2,500
E-PE-2	P. E. Workroom/Storage	1	300	300
M-PE-1	Gymnasium	1	7,000	7,000
M-PE-2	Auxiliary Gym	0	0	0
M-PE-3	P.E./Athletic Office	2	75	150
M-PE-4	Staff Shower	1	75	75
M-PE-5	Student Locker Room	2	325	650
M-PE-6	Student Restroom/Shower	2	200	400
M-PE-7	Physical Education Storage	1	450	450
Physical Education Total				11,525

See Note 1
 See Note 2 - E - 462 Students
 See Note 3
See Note 6
 See Note 4 - M - 228 Students
 See Note 5

Physical Education Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-PE-1	Gymnasium	0	3,500	0	0	0	0	0	varies	0	See Note 1
E-PE-2	P. E. Workroom/Storage	0	200	0	0	0	0	0	varies	0	See Note 2 - E - 462 Students
M-PE-1	Gymnasium	0	7,000	0	0	0	0	0	varies	0	See Note 3
M-PE-2	Auxiliary Gym	0	0	0	0	0	0	0	varies	0	See Note 6
M-PE-3	P.E./Athletic Office	0	75	0	0	0	0	0	varies	0	
M-PE-4	Staff Shower	0	75	0	0	0	0	0	varies	0	
M-PE-5	Student Locker Room	0	600	0	0	0	0	0	varies	0	See Note 4 - M - 228 Students
M-PE-6	Student Restroom/Shower	0	250	0	0	0	0	0	varies	0	
M-PE-7	Physical Education Storage	0	300	0	0	0	0	0	varies	0	See Note 5
Physical Education Total				0			0			0	

See Note 1
 See Note 2 - E - 462 Students
 See Note 3
See Note 6
 See Note 4 - M - 228 Students
 See Note 5

Elementary School Square Footage Allowance Notes		
Student Enrollment	1	2
350-400 Students	3500	200
401-550 Students	4000	300
551-700 Students	4700	400
Enrollment Determines SF Allowed		

Middle School or K-8 Square Footage Allowance Notes			
Student Enrollment	3	4	5
350-450 Students	7000	600	300
451-600 Students	7500	600	325
601-750 Students	8000	650	500
Enrollment Determines SF Allowed			

Physical Education Notes	
Number	Notes:
6	Auxiliary Gym may be selected for student enrollments above 1000 MS students.

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 690 STUDENTS				
Space		Qty	SF	Area
E/M-SD-1	Student Dining	1	3,450	3,450
E/M-SD-2	Stage	1	1,000	1,000
E/M-SD-3	Staff Dining	0	400	0
E/M-SD-4	Table Storage	1	400	400
E/M-SD-5	Family Restroom	1	80	80
Student Dining Total				4,930

See Note 1

See Note 2

See Note 3

Student Dining Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E/M-SD-1	Student Dining	0	3,000	0	0	0	0	0	varies	0	See Note 1
E/M-SD-2	Stage	0	0	0	0	0	0	0	varies	0	
E/M-SD-3	Staff Dining	0	250	0	0	0	0	0	varies	0	See Note 2
E/M-SD-4	Table Storage	0	300	0	0	0	0	0	varies	0	See Note 3
E/M-SD-5	Family Restroom	0	80	0	0	0	0	0	varies	0	
Student Dining Total				0			0			0	

See Note 1

See Note 2

See Note 3

Student Dining Notes	
Number	Notes:
1	The size of the Student Dining space is equal to one-third of the student enrollment multiplied by 15 SF per student or 3,000 SF, whichever is greater.

All Grade Level Square Footage Allowance Notes		
Student Enrollment	2	3
350-500 Students	250	300
501-700 Students	400	400
701-900 Students	550	500
901-Larger Students	700	600
Enrollment Determines SF Allowed		

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 690 STUDENTS			
Space	Qty	SF	Area
M-FCS-1 Life Skills Lab	1	1,100	1,100
M-FCS-2 Life Skills Storage	1	100	100
Family and Consumer Science Total			1,200

Family and Consumer Science Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-FCS-1 Life Skills Lab	0	1,100	0	0	0	0	0	varies	0
M-FCS-2 Life Skills Storage	0	100	0	0	0	0	0	varies	0
Family and Consumer Science Total			0			0			0

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 690 STUDENTS			
Space	Qty	SF	Area
M-TE-1a Modular Technology Lab	1	1,300	1,300
M-TE-1b Production Lab	0	1,300	0
M-TE-2 Storage	1	150	150
Technology Education Total			1,450

See Note 1

Technology Education Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-TE-1a Modular Technology Lab	0	1,300	0	0	0	0	0	varies	0
M-TE-1b Production Lab	0	1,300	0	0	0	0	0	varies	0
M-TE-2 Storage	0	150	0	0	0	0	0	varies	0
Technology Education Total			0				0		0

See Note 1

Middle School or K-8 Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	150
451-800 Students	200
801-1200 Students	200
1201-1600 Students	200
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 690 STUDENTS				
Space	Qty	SF	Area	
E/M-FS-0 Warming Kitchen	0	1,380	0	See Note 1
E/M-FS-1 Kitchen (total)	1		2,415	See Note 1 & 2
E/M-FS-1a Preparation Area	1	869		See Kitchen Area Notes
E/M-FS-1b Serving Area	1	821		See Kitchen Area Notes
E/M-FS-1c Dry Food Storage	1	266		See Kitchen Area Notes
E/M-FS-1d Cooler/Freezer	1	242		See Kitchen Area Notes
E/M-FS-1e Ware Washing	1	217		See Kitchen Area Notes
E/M-FS-2 Dietician Office	1	75	75	
E/M-FS-3 Restroom/Locker Rm	1	140	140	
Food Service Total			2,630	

Food Services Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E/M-FS-0	Warming Kitchen	0	0	0	0	0	0	0	varies	0
E/M-FS-1	Kitchen (total)	0		0	0		0	0		0
E/M-FS-1a	Preparation Area		0			0			varies	
E/M-FS-1b	Serving Area		0			0			varies	
E/M-FS-1c	Dry Food Storage		0			0			varies	
E/M-FS-1d	Cooler/Freezer		0			0			varies	
E/M-FS-1e	Ware Washing		0			0			varies	
E/M-FS-2	Dietician Office	0	75	0	0	0	0	0	varies	0
E/M-FS-3	Restroom/Locker Rm	0	140	0	0	0	0	0	varies	0
Food Service Total				0			0			0

See Note 1
 See Note 1 & 2
 See Kitchen Area Notes
 See Kitchen Area Notes
 See Kitchen Area Notes
 See Kitchen Area Notes
 See Kitchen Area Notes
 See Kitchen Area Notes

Food Service Notes	
Number	Notes:
1	Only one of the two Kitchens is to be used - either E/M-FS-0 OR E/M-FS-1 - not both.
2	The size of the kitchen is equal to the sum of preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.

Kitchen Area Sizes					
Food Service Area	Enrol	X	SF/Student	x	%
Preparation Area	Enrol	x	3.5	x	36%
Serving Areas	Enrol	x	3.5	x	34%
Dry Food Storage	Enrol	x	3.5	x	11%
Cooler/	Enrol	x	3.5	x	10%
Ware Washing Area	Enrol	x	3.5	x	9%
Warming Kitchen	Enrol	x	2.0		
Multiply Enrollment x SF/Student x % to achieve size of area					

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces
The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE - 690 STUDENTS				
Space		Qty	SF	Area
E/M-CU-1	Workroom	1	400	400
E/M-CU-2	Custodial Office	1	100	100
Custodial Total				500

See Note 1

Custodial Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E/M-CU-1	Workroom	0	200	0	0	0	0	0	varies	0
E/M-CU-2	Custodial Office	0	100	0	0	0	0	0	varies	0
Custodial Total		0			0			0		

See Note 1

All Grade Level Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	400
801-1200 Students	400
1201-1600 Students	400
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 690 STUDENTS			
Space	Qty	SF	Area
E/M-BS-1 Large Group Restrooms		2,107	2,107
E/M-BS-2 Custodial Closet	3	50	150
E/M-BS-3 Electrical Closet	3	50	150
E/M-BS-4 Telecommunications Room (TR)	2	64	128
E/M-BS-5 Corridors		12,042	12,042
E/M-BS-6 Mechanical Rooms/Decks		4,155	4,155
E/M-BS-7 Storage Area	1	200	200
E/M-BS-8 Central Storage Area	1	200	200
E/M-BS-9 Loading/Receiving Area	1	120	120
E/M-BS-10 Restroom	0	60	0
E/M-BS-11 Recycling Room	1	100	100
Building Services Total			19,352

See Build Svc Sizes
 See Note 1
 See Build Svc Sizes
 See Note 2
 See Build Svc Sizes
 See SF Allowance
 See SF Allowance
 See SF Allowance

Building Services Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E/M-BS-1	Large Group Restrooms	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
E/M-BS-2	Custodial Closet	0	50	0	0	0	0	0	varies	0	
E/M-BS-3	Electrical Closet	0	50	0	0	0	0	0	varies	0	
E/M-BS-4	Telecommunications Room (TR)	0	64	0	0	0	0	0	varies	0	See Note 1
E/M-BS-5	Corridors	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
	Vertical Circulation	-	0	0	-	0	0	-	varies	0	See Note 2
E/M-BS-6	Mechanical/Electrical Space/Decks	-	0	0	-	0	0	-	varies	0	See Build Svc Sizes
E/M-BS-7	Storage Area	0	150	0	0	0	0	0	varies	0	See SF Allowance
E/M-BS-8	Central Storage Area	0	170	0	0	0	0	0	varies	0	See SF Allowance
E/M-BS-9	Loading/Receiving Area	0	120	0	0	0	0	0	varies	0	
E/M-BS-10	Restroom	0	60	0	0	0	0	0	varies	0	
E/M-BS-11	Recycling Room	0	80	0	0	0	0	0	varies	0	See SF Allowance
Building Services Total				0			0			0	

See Build Svc Sizes
 See Note 1
 See Build Svc Sizes
 See Note 2
 See Build Svc Sizes
 See SF Allowance
 See SF Allowance
 See SF Allowance

Building Services Notes	
Number	Notes:
1	Size of Telecommunications Room varies with size of school. See page 4111-4 & 5113-4.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room.

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Large Group Restrooms	Prog	x	3.5
Corridors	Prog	x	20.0
Mechanical/Electrical Space/Decks	Prog	x	6.9
Multiply Sum of Program Areas x % to achieve size of area			

Square Footage Allowance Notes			
Student Enrollment	Stor	Ctl Stor	Recycle
350-450 Students	150	170	80
451-800 Students	200	200	100
801-1200 Students	250	220	130
1201-1600 Students	250	240	160
Enrollment Determines SF Allowed			

Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

EXAMPLE-650 Students		
Grade Configuration:	K-12	Area
Student Enrollment	6 - 12	
Enter number of Middle School students	278	
Enter number of High School students	372	
Total Student Enrollment	650	
SF per student		
SF per Middle School student	145	40,220
SF per High School student	173	64,155
Total Gross Square Feet Funded		104,375
C-AC Academic Core Spaces		20,120
C-SE Special Education Spaces		2,650
C-AD Administrative Spaces		3,057
C-MC Media Center Spaces		3,725
C-VA Visual Arts Spaces		2,800
C-MU Music Spaces		4,020
C-PE Physical Education Spaces		19,550
C-SD Student Dining Spaces		6,472
C-FCS Family and Consumer Science Spaces		2,650
C-TE Technology Education Spaces		3,350
C-BE Business Education Spaces		0
C-FS Food Service Spaces		2,490
C-CU Custodial Spaces		500
	Facility Subtotal:	71,383
C-BS Building Services		22,648
	Facility Total:	94,032
Construction Factor (11% multiplied by the facility total)		0.11
	Gross Square Feet Developed:	104,375
Difference of GSF developed from GSF allowable		(0)

SUMMARY OF SPACES WORKSHEET

Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

WORKSHEET			
Grade Configuration:			Area
Student Enrollment		6 - 12	
Enter number of Middle School students			
Enter number of High School students			
Total Student Enrollment		-	
SF per student			
SF per Middle School student			-
SF per High School student			-
Total Gross Square Feet Funded			-
SELECT ONE <input checked="" type="radio"/> Single or Two Story Building <input type="radio"/> 3 Stories or greater			See Note 1
Vert. Circ. Area Allowance (3 Stories or greater)			0
Total Adjusted POR Gross Square Footage			0
Program Area		New SF	Exst SF*
C-AC	Academic Core Spaces	0	0
C-SE	Special Education Spaces	0	0
C-AD	Administrative Spaces	0	0
C-MC	Media Center Spaces	0	0
C-VA	Visual Arts Spaces	0	0
C-MU	Music Spaces	0	0
C-PE	Physical Education Spaces	0	0
C-SD	Student Dining Spaces	0	0
C-FCS	Family and Consumer Science Spaces	0	0
C-TE	Technology Education Spaces	0	0
C-BE	Business Education Spaces	0	0
C-FS	Food Service Spaces	0	0
C-CU	Custodial Spaces	0	0
Facility Subtotal:		0	0
C-BS	Building Services	0	0
Facility Total		0	0
Construction Factor (11% multiplied by the facility total)		0.11	na
Actual Gross Square Feet Developed		0	0
Minus existing co-funded Oversize Area from Master Plan			0
Adjusted Existing Area			0
Total Adjusted Gross Square Footage Developed (without Oversize Area)			0
Difference of GSF developed from GSF allowable			0

See Note 2

See Note 3

Worksheet Summary Notes	
Number	Notes:
Special	Individual spaces are taken from the space plates which are located throughout Chapters 4, 5, and 6. Please see these particular chapters for specific requirements for each space.
1	Vertical Circulation (3 Stories or greater) refers only to the following: Stairways/stairtowers, monumental stairs, elevators, and elevator equipment room.
2	Existing Gross Square Feet taken from master facility plan.
3	Oversize Area also taken from master facility plan.
*	The Existing SF column is used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-AC-1 Middle School Classroom	7	900	6,300
M-AC-2 Project Laboratory	1	1,100	1,100
M-AC-3 Sci/Tech/Eng/Math/Computer Lab	0	1,000	0
M-AC-4 Teacher Prep Area/Workroom	1	300	300
M-AC-5 Individual Restroom	1	60	60
M-AC-6 Instructional Material Storage	1	200	200
M-AC-7 Small Group Room	0	150	0
M-AC-7a Small Group Room	0	150	0
M-AC-8 Multi-use Studio	0	1,500	0
M-AC-9 Kinesthetic Learning Studio	1	1,200	1,200
H-AC-1 High School Classroom	6	900	5,400
H-AC-2 Science Classroom - General Physics	1	1,200	1,200
H-AC-3 Science Classroom - Chemistry	1	1,200	1,200
H-AC-4 Science Classroom - Biology	1	1,200	1,200
H-AC-5 Science Prep	2	200	400
H-AC-6 Teacher Prep Area/Workroom	1	300	300
H-AC-7 Individual Restroom	1	60	60
H-AC-8 Project Classroom	1	1,000	1,000
H-AC-9 Special Education/Small Group Room	1	150	150
H-AC-10 Instructional Material Storage	1	50	50
H-AC-11 Multi-Use Room	0	1,500	0
H-AC-12 Science Laboratory	0	1,000	0
H-AC-9a Small Group Room	0	150	0
H-AC-13 Multi-use Studio	0	1,500	0
H-AC-14 Kinesthetic Learning Studio	0	1,200	0
Academic Core Total			20,120

See Note 2 - M - 278 students

See Note 3

See Note 4

See Note 4

See Note 4

See Note 1

See Note 2 - H - 372 Students

See Note 3

See Note 4

See Note 4

See Note 4

Core Academic Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-AC-1	Middle School Classroom	0	900	0	0	0	0	0	varies	0
M-AC-2	Project Laboratory	0	1,100	0	0	0	0	0	varies	0
M-AC-3	Sci/Tech/Eng/Math/Computer Lab	0	1,000	0	0	0	0	0	varies	0
M-AC-4	Teacher Prep Area/Workroom	0	300	0	0	0	0	0	varies	See Note 2 - M - 278 student
M-AC-5	Individual Restroom	0	60	0	0	0	0	0	varies	
M-AC-6	Instructional Material Storage	0	50	0	0	0	0	0	varies	0
M-AC-7	Small Group Room	0	150	0	0	0	0	0	varies	0
M-AC-7a	Small Group Room	0	150	0	0	0	0	0	varies	0
M-AC-8	Multi-use Studio	0	1,500	0	0	0	0	0	varies	0
M-AC-9	Kinesthetic Learning Studio	0	1,200	0	0	0	0	0	varies	0
H-AC-1	High School Classroom	0	900	0	0	0	0	0	varies	0
H-AC-2	Science Classroom - General/Physics	0	1,200	0	0	0	0	0	varies	0
H-AC-3	Science Classroom - Chemistry	0	1,200	0	0	0	0	0	varies	0
H-AC-4	Science Classroom - Biology	0	1,200	0	0	0	0	0	varies	0
H-AC-5	Science Prep	0	300	0	0	0	0	0	varies	0
H-AC-6	Teacher Prep Area/Workroom	0	300	0	0	0	0	0	varies	0
H-AC-7	Individual Restroom	0	60	0	0	0	0	0	varies	0
H-AC-8	Project/Classroom	0	1,100	0	0	0	0	0	varies	0
H-AC-9	Small Group Room	0	150	0	0	0	0	0	varies	0
H-AC-10	Instructional Material Storage	0	50	0	0	0	0	0	varies	0
H-AC-11	Multi-use Room	0	1,500	0	0	0	0	0	varies	0
H-AC-12	Science Laboratory	0	1,000	0	0	0	0	0	varies	0
H-AC-9a	Small Group Room	0	150	0	0	0	0	0	varies	0
H-AC-13	Multi-use Studio	0	1,500	0	0	0	0	0	varies	0
H-AC-14	Kinesthetic Learning Studio	0	1,200	0	0	0	0	0	varies	0
Academic Core Total				0			0			0

See Note 2 - M - 278 students

See Note 3

See Note 4

See Note 4

See Note 4

See Note 1

See Note 2 - H - 372 Students

See Note 3

See Note 4

See Note 4

See Note 4

Square Footage Allowance Notes			
Student Enrollment	1	2	3
350-450 Students	300	300	50
451-800 Students	300	300	100
801-1200 Students	400	400	150
1201-1600 Students	400	600	200
Enrollment Determines SF Allowed			

Academic Core Notes	
Number	Notes:
4	These spaces are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are: M-AC-7a & H-AC-9a=150 SF M/H Multi-use Studio=1500 SF. M/H Kinesthetic Studio=1200 SF.

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space		Qty	SF	Area
M/H-SE-1	Self-contained Classroom	1	900	900
M/H-SE-2	Workroom/Conference	1	150	150
M/H-SE-3	Restroom/Shower	1	100	100
M/H-SE-4	Special Education/Resource	1	900	900
M/H-SE-5	Small Self-contained Classroom	1	600	600
Special Education Total				2,650

See Note 1

See Note 2

See Note 3

Special Education Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M/H-SE-1	Self-contained Classroom	0	900	0	0	0	0	0	varies	0
M/H-SE-2	Workroom/Conference	0	150	0	0	0	0	0	varies	0
M/H-SE-3	Restroom/Shower	0	100	0	0	0	0	0	varies	0
M/H-SE-4	Special Education/Resource	0	900	0	0	0	0	0	varies	0
M/H-SE-5	Small Self-contained Classroom	0	600	0	0	0	0	0	varies	0
Special Education Total				0			0			0

See Note 1

See Note 2

See Note 3

Special Education Notes	
Number	Notes:
1	Self-contained classroom(s) could 'house' various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.
2	Workroom/Conference could 'house' orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.
3	Special Education/Resource could 'house' cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic, brain injury, learning disability, deaf/blindness, etc.
	See Chapter 1, Section 1110 for more information.

Sample School District, SAMPLE 6-12 SCHOOL
ADMINISTRATIVE SPACES

CHAPTER 2: BRACKETING

C-AD

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space		Qty	SF	Area
M/H-AD-1	Reception Area	1	300	300
M/H-AD-2	Secretarial Area	1	250	250
M/H-AD-3	Principal's Office	1	150	150
M/H-AD-4	Assistant Principal's Office	1	120	120
M/H-AD-5	Conference Room	1	250	250
M/H-AD-6	Mail/Work/Copy Room	1	200	200
M/H-AD-7	Administrative Storage	1	82	82
M/H-AD-8	Vault/Records Storage	1	100	100
M/H-AD-9	In-school Suspension	1	300	300
M/H-AD-10	Restroom	2	60	120
M/H-AD-11	Guidance Counselor's Office	2	120	240
M/H-AD-12	Guidance Records/Storage	1	75	75
M/H-AD-13	Guidance Conference Room	1	200	200
M/H-AD-14	Parent/Volunteer Room	0	150	0
M/H-AD-15	Health Clinic (incl. RR)	1	350	350
M/H-AD-16	Itinerant Personnel Office	1	120	120
M/H-AD-17	Guidance Conf. & Career Ctr.	1	200	200
Administrative Total				3,057

See Notes 1,2

See Notes 3,4

See Notes 5,6

See Note 7

See Notes 8,9

See Notes 10,11

See Note 12

See Note 13

See Note 14

See Notes 15,16

See Note 17

Administration Worksheet									
Space		New SF			Existing SF			TOTAL SF	
		Qty	SF	Area	Qty	SF	Area	Qty	SF
M/H-AD-1	Reception Area	0	200	0	0	0	0	0	varies
M/H-AD-2	Secretarial Area	0	200	0	0	0	0	0	varies
M/H-AD-3	Principal's Office	0	150	0	0	0	0	0	varies
M/H-AD-4	Assistant Principal's Office	0	120	0	0	0	0	0	varies
M/H-AD-5	Conference Room	0	250	0	0	0	0	0	varies
M/H-AD-6	Mail/Work/Copy Room	0	200	0	0	0	0	0	varies
M/H-AD-7	Administrative Storage	0	150	0	0	0	0	0	varies
M/H-AD-8	Vault/Records Storage	0	85	0	0	0	0	0	varies
M/H-AD-9	In-school Suspension	0	200	0	0	0	0	0	varies
M/H-AD-10	Restroom	0	60	0	0	0	0	0	varies
M/H-AD-11	Guidance Counselor's Office	0	120	0	0	0	0	0	varies
M/H-AD-12	Guidance Records/Storage	0	100	0	0	0	0	0	varies
M/H-AD-13	Guidance Conference Room	0	150	0	0	0	0	0	varies
M/H-AD-14	Parent/Volunteer Room	0	200	0	0	0	0	0	varies
M/H-AD-15	Health Clinic (incl. RR)	0	400	0	0	0	0	0	varies
M/H-AD-16	Itinerant Personnel Office	0	120	0	0	0	0	0	varies
M/H-AD-17	Guidance Conf. & Career Ctr.	0	300	0	0	0	0	0	varies
Administrative Total				0			0		0

See Notes 1,2

See Notes 3,4

See Notes 5,6

See Note 7

See Notes 8,9

See Notes 10,11

See Note 12

See Note 13

See Note 14

See Notes 15,16

See Note 17

Refer to SF Allowance Notes on next page

Middle School Square Footage Allowance Notes						
Student Enrollment	1	3	5	8	10	15
350-450 Students	200	200	200	50	200	350
451-600 Students	300	300	250	65	250	400
601-750 Students	400	400	300	80	325	450
Enrollment Determines SF Allowed						

High School or K-12 or 6-12 Square Footage Allowance Notes											
Student Enrollment	2	4	6	7	9	11	12	13	14	16	17
350-450 Students	200	200	200	150	85	200	100	150	200	400	300
451-800 Students	400	400	300	150	115	325	100	200	300	450	400
801-1200 Students	500	500	400	200	145	450	200	250	400	500	500
1201-1600 Students	600	600	500	200	175	575	200	250	400	550	700
Enrollment Determines SF Allowed											

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
M-MC-1 Reading Room/Circulation	1	973	973	See Note 1
M-MC-2 Media Specialist Office	0	120	0	
M-MC-3 Workroom/Storage	1	150	150	See Note 2
M-MC-4 Main Control/Equipment Room	0	300	0	M - 307 students
M-MC-5 Conference Room	0	100	0	See Note 3
M-MC-6 Multimedia Production Room	0	400	0	See Note 7
H-MC-1 Reading Room/Circulation	1	1,302	1,302	See Note 1
H-MC-2 Media Specialist Office	1	120	120	
H-MC-3 Workroom/Storage	1	200	200	See Note 4
H-MC-4 Main Control/Equipment Room	1	300	300	H - 383 students
H-MC-5 Conference Room	1	250	250	
H-MC-6 Multimedia Production Room	1	330	330	
H-MC-7 Document Storage	1	100	100	See Note 5
H-AC-9 Small Group Room	0	160	0	See Note 6
Media Center Total			3,725	

Media Center Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-MC-1	Reading Room/Circulation	0	0	0	0	0	0	0	varies	0	See Note 1
M-MC-2	Media Specialist Office	0	120	0	0	0	0	0	varies	0	
M-MC-3	Workroom/Storage	0	150	0	0	0	0	0	varies	0	See Note 2
M-MC-4	Main Control/Equipment Room	0	300	0	0	0	0	0	varies	0	
M-MC-5	Conference Room	0	210	0	0	0	0	0	varies	0	See Note 3
M-MC-6	Multimedia Production Room	0	400	0	0	0	0	0	varies	0	See Note 7
H-MC-1	Reading Room/Circulation	0	0	0	0	0	0	0	varies	0	See Note 1
H-MC-2	Media Specialist Office	0	120	0	0	0	0	0	varies	0	
H-MC-3	Workroom/Storage	0	300	0	0	0	0	0	varies	0	See Note 4
H-MC-4	Main Control/Equipment Room	0	300	0	0	0	0	0	varies	0	
H-MC-5	Conference Room	0	250	0	0	0	0	0	varies	0	H - 383 students
H-MC-6	Multimedia Production Room	0	400	0	0	0	0	0	varies	0	
H-MC-7	Document Storage	0	200	0	0	0	0	0	varies	0	See Note 5
H-AC-9	Small Group Room	0	160	0	0	0	0	0	varies	0	
Media Center Total		0			0			0			

Media Center Notes	
Number	Notes:
1	The size of the reading room/circulation space is equal to 10% of the middle/high student enrollment multiplied by 35 SF per student. (MS & HS or 6-12)

Middle School Square Footage Allowance Notes			
Student Enrollment	2	3	7
350-450 Students	150	210	400
451-600 Students	233	280	400
601-750 Students	350	310	400
Enrollment Determines SF Allowed			

High School or 6-12 Square Footage Allowance Notes			
Student Enrollment	4	5	6
350-450 Students	300	200	160
451-800 Students	400	300	260
801-1200 Students	500	300	280
1201-1600 Students	600	400	330
Enrollment Determines SF Allowed			

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space		Qty	SF	Area
M-VA-1	Middle School Art Room	1	1,200	1,200
M-VA-2	Kiln/Ceramic Storage	0	100	0
M-VA-3	Art Material Storage	1	100	100
H-VA-1	High School Art Room	1	1,200	1,200
H-VA-2	Kiln/Ceramic Storage	1	150	150
H-VA-3	Art Material Storage	1	150	150
Visual Arts Total				2,800

See Note 1
 See Note 2
 See Note 3
 See Note 1
 See Note 2
 See Note 4

Visual Arts Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-VA-1	Middle School Art Room	0	1,200	0	0	0	0	0	varies	0
M-VA-2	Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0
M-VA-3	Art Material Storage	0	100	0	0	0	0	0	varies	0
H-VA-1	High School Art Room	0	1,200	0	0	0	0	0	varies	0
H-VA-2	Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0
H-VA-3	Art Material Storage	0	200	0	0	0	0	0	varies	0
Visual Arts Total				0			0			0

See Note 1
 See Note 2
 See Note 3
 See Note 1
 See Note 2
 See Note 4

All Grade Level Square Footage Allowance Notes		
Student Enrollment	1	2
350-450 Students	1200	100
451-800 Students	1200	200
801-1200 Students	1400	200
1201-1600 Students	1400	200
Enrollment Determines SF Allowed		

Mid. School Sq. Ft. Allowance Notes	
Student Enrollment	3
350-450 Students	100
451-600 Students	150
601-750 Students	200
Enrollment Determines SF Allowed	

High School & K-12 or 6-12 Sq. Ft. Allowance Notes	
Student Enrollment	4
350-450 Students	200
451-800 Students	300
801-1200 Students	300
1201-1600 Students	300
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
M-MU-1 Instrumental Room	1	1,200	1,200	See Note 1
M-MU-2 Vocal Room	0	1,200	0	
M-MU-3 Music Library	1	150	150	M - 278 students
H-MU-1 Instrumental Room	1	1,800	1,800	See Note 2
H-MU-2 Instrument Storage	1	350	350	See Note 3
H-MU-3 Orchestra Storage	0	250	0	See Note 4
H-MU-4 Instrumental Music Office/Library	1	120	120	
H-MU-5 Uniform Storage	0	200	0	See Note 5 - H - 372 students
H-MU-6 Vocal Room	0	1,150	0	See Note 6
H-MU-7 Vocal Storage	0	200	0	See Note 7
H-MU-8 Vocal Music Office/Library	1	120	120	
H-MU-9 Ensemble Room	1	200	200	See Note 8
H-MU-10 Practice Room	1	80	80	
Music Total			4,020	

Music Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-MU-1	Instrumental Room	0	1,400	0	0	0	0	0	varies	0	See Note 1
M-MU-2	Vocal Room	0	1,200	0	0	0	0	0	varies	0	
M-MU-3	Music Library	0	200	0	0	0	0	0	varies	0	M - 278 students
H-MU-1	Instrumental Room	0	1,800	0	0	0	0	0	varies	0	See Note 2
H-MU-2	Instrument Storage	0	400	0	0	0	0	0	varies	0	See Note 3
H-MU-3	Orchestra Storage	0	200	0	0	0	0	0	varies	0	See Note 4
H-MU-4	Instrumental Music Library	0	120	0	0	0	0	0	varies	0	See Note 5 - H - 372 students
H-MU-5	Uniform Storage	0	150	0	0	0	0	0	varies	0	
H-MU-6	Vocal Room	0	1,200	0	0	0	0	0	varies	0	See Note 6
H-MU-7	Vocal Storage	0	150	0	0	0	0	0	varies	0	See Note 7
H-MU-8	Vocal Music Library	0	120	0	0	0	0	0	varies	0	See Note 8
H-MU-9	Ensemble Room	0	200	0	0	0	0	0	varies	0	
H-MU-10	Practice Room	0	80	0	0	0	0	0	varies	0	
Music Total				0			0			0	

Mid. School or K-6 Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	1400
451-600 Students	1500
601-750 Students	1600
Enrollment Determines SF Allowed	

High School or 6-12 Square Footage Allowance Notes							
Student Enrollment	2	3	4	5	6	7	8
350-450 Students	1800	400	200	150	1200	150	200
451-800 Students	2000	500	250	200	1200	200	300
801-1200 Students	2500	600	250	300	1200	300	300
1201-1600 Students	3000	700	350	300	1500	300	300
Enrollment Determines SF Allowed							

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
M-PE-1 Gymnasium	1	5,500	5,500	See Note 1
M-PE-2 Auxiliary Gymnasium	0	0	0	See Note 13
M-PE-3 P.E./Athletic Office	2	75	150	
M-PE-4 Staff Shower	2	75	150	
M-PE-5 Student Locker Room	2	500	1,000	See Note 2 - M - 278 Students
M-PE-6 Student Restroom/Shower	2	250	500	
M-PE-7 Physical Education Storage	1	200	200	See Note 3
H-PE-1 Gymnasium	1	9,300	9,300	See Note 4
H-PE-2 Auxiliary Gymnasium	0	0	0	See Note 5
H-PE-3 Student Locker Room	2	550	1,100	See Note 6
H-PE-4 Student Restroom/Shower	2	250	500	See Note 7
H-PE-5 Physical Education Storage	1	400	400	See Note 8 - H - 372 Students
H-PE-6 P.E./Athletic Office	2	75	150	
H-PE-7 Staff Shower	2	75	150	
H-PE-8 Athletic Director's Office	0	120	0	
H-PE-9 Lobby Services	1	200	200	See Note 9
H-PE-10 Training Room	1	250	250	See Note 10
H-PE-11 Physical Health Classroom	0	0	0	See Note 11
H-PE-12 Multi-use P.E. Room	0	1,000	0	See Note 12
Physical Education Total			19,550	

Physical Education Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-PE-1	Gymnasium	0	7,000	0	0	0	0	0	varies	0	See Note 1
M-PE-2	Auxiliary Gymnasium	0	0	0	0	0	0	0	varies	0	See Note 13
M-PE-3	P.E./Athletic Office	0	75	0	0	0	0	0	varies	0	
M-PE-4	Staff Shower	0	75	0	0	0	0	0	varies	0	
M-PE-5	Student Locker Room	0	600	0	0	0	0	0	varies	0	See Note 2 - M - 278 Students
M-PE-6	Student Restroom/Shower	0	250	0	0	0	0	0	varies	0	
M-PE-7	Physical Education Storage	0	300	0	0	0	0	0	varies	0	See Note 3
H-PE-1	Gymnasium	0	9,300	0	0	0	0	0	varies	0	See Note 4
H-PE-2	Auxiliary Gymnasium	0	7,000	0	0	0	0	0	varies	0	See Note 5
H-PE-3	Student Locker Room	0	550	0	0	0	0	0	varies	0	See Note 6
H-PE-4	Student Restroom/Shower	0	200	0	0	0	0	0	varies	0	See Note 7
H-PE-5	Physical Education Storage	0	400	0	0	0	0	0	varies	0	See Note 8 - H - 372 Students
H-PE-6	P.E./Athletic Office	0	75	0	0	0	0	0	varies	0	
H-PE-7	Staff Shower	0	75	0	0	0	0	0	varies	0	
H-PE-8	Athletic Director's Office	0	120	0	0	0	0	0	varies	0	
H-PE-9	Lobby Services	0	100	0	0	0	0	0	varies	0	See Note 9
H-PE-10	Training Room	0	200	0	0	0	0	0	varies	0	See Note 10
H-PE-11	Physical Health Classroom	0	750	0	0	0	0	0	varies	0	See Note 11
H-PE-12	Multi-use P.E. Room	0	1,400	0	0	0	0	0	varies	0	See Note 12
Physical Education Total				0	0			0			

Refer to Square Footage Allowance Notes on next page.

CHAPTER 2: BRACKETING

Middle School Square Footage Allowance Notes			
Student Enrollment	1	2	3
350-450 Students	7000	600	300
451-600 Students	7500	600	325
601-750 Students	8000	650	500
Enrollment Determines SF Allowed			

Physical Education Notes	
Number	Notes:
13	Auxiliary Gym may be selected for student enrollments above 1000 MS students.

High School Square Footage Allowance Notes									
Student Enrollment	4	5	6	7	8	9	10	11	12
350-450 Students	9300	7000	550	200	400	100	200	750	1400
451-800 Students	10700	7000	650	250	600	200	300	1500	1400
801-1200 Students	12400	7000	700	300	800	200	400	1500	1600
1201-1600 Students	14000	7000	850	350	1000	200	500	2000	1800
Enrollment Determines SF Allowed									

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
M/H-SD-1 Student Dining	1	3,792	3,792	See Note 1
M/H-SD-2 Stage	1	1,000	1,000	
M-SD-3/H-SD-7 Staff Dining	0	400	0	See Note 2
M-SD-4/H-SD-8 Table Storage	1	400	400	See Note 3
H-SD-3 Scene Shop and Storage	1	350	350	See Note 4
H-SD-4 Make-up/Dressing Rooms	2	200	400	See Note 5
H-SD-5 Theatrical Control Room	1	150	150	
H-SD-6 Drama Storage	1	300	300	See Note 6
H-SD-9 Family Restroom	1	80	80	
Student Dining Total			6,472	

Student Dining Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M/H-SD-1	Student Dining	0	3,000	0	0	0	0	0	varies	0	See Note 1
M/H-SD-2	Stage	0	0	0	0	0	0	0	varies	0	
M-SD-3/H-SD-7	Staff Dining	0	250	0	0	0	0	0	varies	0	See Note 2
M-SD-4/H-SD-8	Table Storage	0	300	0	0	0	0	0	varies	0	See Note 3
H-SD-3	Scene Shop and Storage	0	400	0	0	0	0	0	varies	0	See Note 4
H-SD-4	Make-up/Dressing Rooms	0	200	0	0	0	0	0	varies	0	See Note 5
H-SD-5	Theatrical Control Room	0	200	0	0	0	0	0	varies	0	See Note 6
H-SD-6	Drama Storage	0	200	0	0	0	0	0	varies	0	
H-SD-9	Family Restroom	0	80	0	0	0	0	0	varies	0	
Student Dining Total				0				0			0

Student Dining Notes	
Number	Notes:
1	The size of the Student Dining space is equal to one-third of the student enrollment multiplied by 17.5 SF per student or 3,000 SF, whichever is greater.

All Grade Level Square Footage Allowance Notes		
Student Enrollment	2	3
350-500 Students	250	300
501-700 Students	400	400
701-900 Students	550	500
901-Larger Students	700	600
Enrollment Determines SF Allowed		

High School Square Footage Allowance Notes			
Student Enrollment	4	5	6
350-450 Students	400	200	200
451-800 Students	450	250	400
801-1200 Students	500	250	500
1201-1600 Students	600	300	600
Enrollment Determines SF Allowed			

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-FCS-1 Life Skills Lab	1	1,100	1,100
M-FCS-2 Life Skills Storage	0	100	0
H-FCS-1 Life Skills Lab	1	1,200	1,200
H-FCS-2 Life Skills Storage	1	200	200
H-FCS-3 Laundry	1	150	150
H-FCS-4 Child Development	0	1,200	0
Family and Consumer Science Total			2,650

See Note 1

Family and Consumer Science Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-FCS-1 Life Skills Lab	0	1,100	0	0	0	0	0	varies	0
M-FCS-2 Life Skills Storage	0	100	0	0	0	0	0	varies	0
H-FCS-1 Life Skills Lab	0	1,200	0	0	0	0	0	varies	0
H-FCS-2 Life Skills Storage	0	200	0	0	0	0	0	varies	0
H-FCS-3 Laundry	0	150	0	0	0	0	0	varies	0
H-FCS-4 Child Development	0	1,200	0	0	0	0	0	varies	0
Family and Consumer Science Total			0			0			0

High School or 6-12 Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	250
801-1200 Students	300
1201-1600 Students	350
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-TE-1a Modular Technology Lab	1	1,300	1,300
M-TE-1b Production Lab	0	1,300	0
M-TE-2 Storage	1	150	150
H-TE-1 Modular Technology Lab	1	1,800	1,800
H-TE-1a Ag-Ed Lab	0	1,800	0
H-TE-2 Storage	1	100	100
H-TE-3 CAD Lab	0	1,200	0
H-TE-4 Production Lab	0	1,600	0
Technology Education Total			3,350

See Note 1

See Note 1

Technology Education Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-TE-1a Modular Technology Lab	0	1,300	0	0	0	0	0	varies	0
M-TE-1b Production Lab	0	1,300	0	0	0	0	0	varies	0
M-TE-2 Storage	0	150	0	0	0	0	0	varies	0
H-TE-1 Modular Technology Lab	0	1,800	0	0	0	0	0	varies	0
H-TE-1a Ag-Ed Lab	0	1,800	0	0	0	0	0	varies	0
H-TE-2 Storage	0	150	0	0	0	0	0	varies	0
H-TE-3 CAD Lab	0	1,200	0	0	0	0	0	varies	0
H-TE-4 Production Lab	0	1,600	0	0	0	0	0	varies	0
Technology Education Total		0			0				0

See Note 1

See Note 1

High School or 6-12 Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	150
451-800 Students	200
801-1200 Students	200
1201-1600 Students	200
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
H-BE-1 Computer and Business Classroom	0	1,200	0
H-BE-2 Marketing Classroom	0	900	0
H-BE-3 Workroom/Storage	0	100	0
Business Education Total			0

See Note 1

Business Education Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-BE-1	Computer and Business Classroom	0	1,200	0	0	0	0	0	varies	0
H-BE-2	Marketing Classroom	0	900	0	0	0	0	0	varies	0
H-BE-3	Workroom/Storage	0	100	0	0	0	0	0	varies	0
Business Education Total				0			0			0

See Note 1

High School Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	100
451-800 Students	200
801-1200 Students	250
1201-1600 Students	300
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
M/H-FS-0 Warming Kitchen	0	1,300	0	See Note 1
M/H-FS-1 Kitchen (total)	1		2,275	See Note 1 & 2
M/H-FS-1a Preparation Area	1	819		See Kitchen Area Notes
M/H-FS-1b Serving Area	1	774		See Kitchen Area Notes
M/H-FS-1c Dry Food Storage	1	250		See Kitchen Area Notes
M/H-FS-1d Cooler/Freezer	1	228		See Kitchen Area Notes
M/H-FS-1e Ware Washing	1	205		See Kitchen Area Notes
M/H-FS-2 Dietician Office	1	75	75	
M/H-FS-3 Restroom/Locker Rm	1	140	140	
Food Service Total			2,490	

Food Service Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M/H-FS-0	Warming Kitchen	0	0	0	0	0	0	0	varies	0	See Note 1
M/H-FS-1	Kitchen (total)	0		0	0		0	0		0	See Note 1 & 2
M/H-FS-1a	Preparation Area		0			0			varies		See Kitchen Area Notes
M/H-FS-1b	Serving Area		0			0			varies		See Kitchen Area Notes
M/H-FS-1c	Dry Food Storage		0			0			varies		See Kitchen Area Notes
M/H-FS-1d	Cooler/Freezer		0			0			varies		See Kitchen Area Notes
M/H-FS-1e	Ware Washing		0			0			varies		See Kitchen Area Notes
M/H-FS-2	Dietician Office	0	75	0	0	0	0	0	varies	0	
M/H-FS-3	Restroom/Locker Rm	0	140	0	0	0	0	0	varies	0	
Food Service Total			0			0				0	

Food Service Notes	
Number	Notes:
1	Only one of the two Kitchens is to be used - either M/H-FS-0 OR M/H-FS-1 - not both.
2	The size of the kitchen is equal to the sum of preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.

Kitchen Area Sizes					
Food Service Area	Enroll	X	SF/Stnt	x	%
Preparation Area	Enroll	x	3.5	x	36%
Serving Areas	Enroll	x	3.5	x	34%
Dry Food Storage	Enroll	x	3.5	x	11%
Cooler/	Enroll	x	3.5	x	10%
Ware Washing Area	Enroll	x	3.5	x	9%
Warming Kitchen	Enroll	x	2.0		
Multiply Enrollment x SF/Student x % to achieve size of area					

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces
The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE - 650 STUDENTS				
Space		Qty	SF	Area
M/H-CU-1	Workroom	1	400	400
M/H-CU-2	Custodial Office	1	100	100
Custodial Total				500

See Note 1

Custodial Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M/H-CU-1	Workroom	0	200	0	0	0	0	0	varies	0
M/H-CU-2	Custodial Office	0	100	0	0	0	0	0	varies	0
Custodial Total		0			0			0		

See Note 1

All Grade Level Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	400
801-1200 Students	400
1201-1600 Students	400
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space		Qty	SF	Area
M/H-BS-1	Large Group Restrooms		2,498	2,498
M/H-BS-2	Custodial Closet	2	50	100
M/H-BS-3	Electrical Closet	2	50	100
M/H-BS-4	Telecommunications Room (TR)	2	64	128
M/H-BS-5	Corridors		14,277	14,277
M/H-BS-6	Mechanical Rooms/Decks		4,925	4,925
M/H-BS-7	Storage Area	1	200	200
M/H-BS-8	Central Storage Area	1	200	200
M/H-BS-9	Loading/Receiving Area	1	120	120
M/H-BS-10	Restroom	0	60	0
M/H-BS-11	Recycling Room	1	100	100
Building Services Total				22,648

See Build Svc Sizes

See Note 1

See Build Svc Sizes

See Note 2

See Build Svc Sizes

See SF Allowance

See SF Allowance

See SF Allowance

Building Services Worksheet

Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M/H-BS-1	Large Group Restrooms	-	0	0	-	0	0	-	varies	0
M/H-BS-2	Custodial Closet	0	50	0	0	0	0	0	varies	0
M/H-BS-3	Electrical Closet	0	50	0	0	0	0	0	varies	0
M/H-BS-4	Telecommunications Room (TR)	0	64	0	0	0	0	0	varies	0
M/H-BS-5	Corridors	-	0	0	-	0	0	-	varies	0
	Vertical Circulation	-	0	0	-	0	0	-	varies	0
M/H-BS-6	Mechanical/Electrical Space/Decks	-	0	0	-	0	0	-	varies	0
M/H-BS-7	Storage Area	0	150	0	0	0	0	0	varies	0
M/H-BS-8	Central Storage Area	0	170	0	0	0	0	0	varies	0
M/H-BS-9	Loading/Receiving Area	0	120	0	0	0	0	0	varies	0
M/H-BS-10	Restroom	0	60	0	0	0	0	0	varies	0
M/H-BS-11	Recycling Room	0	80	0	0	0	0	0	varies	0
Building Services Total				0			0			0

See Build Svc Sizes

See Note 1

See Build Svc Sizes

See Note 2

See Build Svc Sizes

See SF Allowance

See SF Allowance

See SF Allowance

Building Services Notes

Number	Notes:
1	Size of Telecommunications Room varies with size of school. See page 5113-4 & 6114-4.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room.

Building Services Area Sizes

Building Services Areas	Prog	X	%
Large Group Restrooms	Prog	x	3.5
Corridors	Prog	x	20.0
Mechanical/Electrical Space/Decks	Prog	x	6.9
Multiply Sum of Program Areas - Building Services x % to achieve size of area			

Square Footage Allowance Notes

Student Enrollment	Stor	Ctl Stor	Recycle
350-450 Students	150	170	80
451-800 Students	200	200	100
801-1200 Students	250	220	130
1201-1600 Students	250	240	160
Enrollment Determines SF Allowed			

The following worksheet provides a summary of the four major POR categories defined in a "Student Centered Learning Environment" project.

Entering the grade configuration, student enrollment, and both "Net" and "Gross" square footage totals from the educational specifications and schematic diagrams (based upon the traditional POR categories) this worksheet summarizes the ALLOWABLE and ACTUAL areas in a STUDENT CENTERED LEARNING ENVIRONMENT (SCLE). This worksheet is part of the required submittal for any SCLE project.

ELEMENTARY SCHOOL			
SCLE Worksheet ALLOWABLE			
Enter Grade Configuration		K-5	
Enter Student Enrollment		550	
Square Feet Per Student		117.31	
Total Gross Square Feet Funded from MASTER PLAN		64,520	
Vert. Cir. Area Allowable <input checked="" type="radio"/> Single Story Building <input type="radio"/> Multistory Building		0	
Total Adjusted POR Gross Square Footage		64,520	
SCLE POR SUMMARY		SF	
Academic / Special Education Spaces / Media / Visual Arts / Music / Student Dining		34,825	MINIMUM
Administrative Spaces		2,569	
Physical Education Spaces		4,300	MAXIMUM
Food Service Spaces / Custodial Spaces / Building Services		16,961	
Facility Total (NET SF)		58,655	
Construction Factor (10% multiplied by the facility total)		0.10	
Gross Square Feet (GSF) Developed		64,520	

See Note 1.

See Note 2.

See Note 3.

See Note 4.

See Note 5.

See Note 6.

ACTUAL	
K-5	
550	
0	
0	
0	
0	
0	
0	

Difference of GSF developed from GSF allowable **(64,520)**

- Note 1.** Enter grade configuration.
- Note 2.** Enter Student Enrollment.
- Note 3.** **MINIMUM SQUARE FOOTAGE REQUIRED** - Includes E-AC Academic Core Spaces, E-SE Special Education Spaces, E-MC Media Center Spaces, E-VA Visual Arts Spaces, E-MU Music Spaces, and E-SD Student Dining Spaces derived from total areas developed with traditional bracketing program areas including the ADDITIONAL E-AC-8 Small Group Room, E-AC-9 Multi-use Studio, E-AC-10 Kinesthetic Learning Studio included in the 2011 Design Manual Update.
- Note 4.** Includes all spaces included in traditional bracketing program areas identified under E-AD Administrative Spaces.
- Note 5.** **MAXIMUM SQUARE FOOTAGE ALLOWED** - Includes all spaces included in traditional bracketing program areas identified under E-PE Physical Education Spaces.
- Note 6.** Includes all spaces included in traditional bracketing program areas identified under E-FS Food Service Spaces, E-CU Custodial Spaces, E-BS Building Service Spaces.

SCLE Educational Specification Schematic S.F. Summary			
PROGRAM AREA	New SF	Exist. SF*	TOTAL SF
E-AC Academic Core Spaces	0	0	0
E-SE Special Education Spaces	0	0	0
E-AD Administrative Spaces	0	0	0
E-MC Media Center Spaces	0	0	0
E-VA Visual Arts Spaces	0	0	0
E-MU Music Spaces	0	0	0
E-PE Physical Education Spaces	0	0	0
E-SD Student Dining Spaces	0	0	0
E-FS Food Service Spaces	0	0	0
E-CU Custodial Spaces	0	0	0
E-BS Building Services	0	0	0
Facility Total (NET AREA)	0	0	0
Facility Total (GROSS AREA)	0	0	0
Calculated Construction factor	0.00	0.00	0.00
Minus exist. co-funded Oversize Area from Master Plan		0	-
Adjusted Existing Area		0	-
Total Adjusted GSF Developed (without Oversize Area)			0
Difference of GSF developed from GSF allowable			(64,520)

- Note 7.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-AC Academic Core Spaces.
- Note 8.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-SE Special Education Spaces.
- Note 9.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-AD Administration Spaces.
- Note 10.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-MC Media Center Spaces.
- Note 11.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-VA Visual Arts Spaces.
- Note 12.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-MU Music Spaces.
- Note 13.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-PE Physical Education Spaces.
- Note 14.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-SD Student Dining Spaces.
- Note 15.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-FS Food Service Spaces.
- Note 16.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-CU Custodial Spaces.
- Note 17.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as E-BS Building Services.
- Note 18.** Enter "New" and "Existing" calculated GROSS AREA totals from schematic diagrams developed.
- Note 19.** Enter existing co-funded Oversize Area from Master Plan

The following worksheet provides a summary of the four major POR categories defined in a "Student Centered Learning Environment" project.

Entering the grade configuration, student enrollment, and both "Net" and "Gross" square footage totals from the educational specifications and schematic diagrams (based upon the traditional POR categories) this worksheet summarizes the ALLOWABLE and ACTUAL areas in a STUDENT CENTERED LEARNING ENVIRONMENT (SCLE). This worksheet is part of the required submittal for any SCLE project.

MIDDLE SCHOOL			
SCLE Worksheet ALLOWABLE			
Enter Grade Configuration		6-8	See Note 1.
Enter Student Enrollment		450	See Note 2.
Square Feet Per Student		151.00	
Total Gross Square Feet Funded from MASTER PLAN		67,950	
Vert. Cir. Area Allowable	<input checked="" type="radio"/> Single Story Building <input type="radio"/> Multistory Building	0	
Total Adjusted POR Gross Square Footage		67,950	
SCLE POR SUMMARY		SF	
Academic / Special Education / Media / Visual Arts / Music / Technology / Family and Consumer Science / Student Dining		32,585	MINIMUM
Administrative Spaces		2,282	
Physical Education Spaces		9,300	MAXIMUM
Food Service Spaces / Custodial Spaces / Building Services		17,049	
Facility Total (NET SF)		61,216	
Construction Factor (11% multiplied by the facility total)		0.11	
Gross Square Feet (GSF) Developed		67,950	

ACTUAL	
6-8	
450	
0	
0	
0	
0	
0	
0	

Difference of GSF developed from GSF allowable (67,950)

Note 1. Enter grade configuration.

Note 2. Enter Student Enrollment.

Note 3. **MINIMUM SQUARE FOOTAGE REQUIRED** - Includes M-AC Academic Core Spaces, M-SE Special Education Spaces, M-MC Media Center Spaces, M-VA Visual Arts Spaces, M-MU Music Spaces, M-TE Technology Education Spaces, M-FCS Family and Consumer Science Spaces, and M-SD Student Dining Spaces derived from total areas developed with traditional bracketing program areas including the ADDITIONAL M-AC-7a Small Group Room, M-AC-8 Multi-use Studio, M-AC-9 Kinesthetic Learning Studio included in the 2011 Design Manual Update.

Note 4. Includes all spaces included in traditional bracketing program areas identified under M-AD Administrative Spaces.

Note 5. **MAXIMUM SQUARE FOOTAGE ALLOWED** - Includes all spaces included in traditional bracketing program areas identified under M-PE Physical Education Spaces.

Note 6. Includes all spaces included in traditional bracketing program areas identified under M-FS Food Service Spaces, M-CU Custodial Spaces, M-BS Building Service Spaces.

SCLE Educational Specification Schematic S.F. Summary			
PROGRAM AREA	New SF	Exist. SF*	TOTAL SF
M-AC Academic Core Spaces	0	0	0
M-SE Special Education Spaces	0	0	0
M-AD Administrative Spaces	0	0	0
M-MC Media Center Spaces	0	0	0
M-VA Visual Arts Spaces	0	0	0
M-MU Music Spaces	0	0	0
M-TE Technology Education Spaces	0	0	0
M-FCS Family and Consumer Science Spaces	0	0	0
M-PE Physical Education Spaces	0	0	0
M-SD Student Dining Spaces	0	0	0
M-FS Food Service Spaces	0	0	0
M-CU Custodial Spaces	0	0	0
M-BS Building Services	0	0	0
Facility Total (NET AREA)	0	0	0
Facility Total (GROSS AREA)	0	0	0
Calculated Construction factor	0.00	0.00	0.00
Minus exist. co-funded Oversize Area from Master Plan		0	-
Adjusted Existing Area		0	-
Total Adjusted GSF Developed (without Oversize Area)			0
Difference of GSF developed from GSF allowable			(67,950)

Note 7. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-AC Academic Core Spaces.

Note 8. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-SE Special Education Spaces.

Note 9. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-AD Administration Spaces.

Note 10. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-MC Media Center Spaces.

Note 11. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-VA Visual Arts Spaces.

Note 12. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-MU Music Spaces.

Note 13. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-TE Technology Spaces.

Note 14. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-FCS Family and Consumer Science Spaces.

Note 15. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-PE Physical Education Spaces.

Note 16. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-SD Student Dining Spaces.

Note 17. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-FS Food Service Spaces.

Note 18. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-CU Custodial Spaces.

Note 19. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as M-BS Building Services.

Note 20. Enter "New" and "Existing" calculated GROSS AREA totals from schematic diagrams developed.

Note 21. Enter existing co-funded Oversize Area from Master Plan

The following worksheet provides a summary of the four major POR categories defined in a "Student Centered Learning Environment" project.

Entering the grade configuration, student enrollment, and both "Net" and "Gross" square footage totals from the educational specifications and schematic diagrams (based upon the traditional POR categories) this worksheet summarizes the ALLOWABLE and ACTUAL areas in a STUDENT CENTERED LEARNING ENVIRONMENT (SCLE). This worksheet is part of the required submittal for any SCLE project.

HIGH SCHOOL			
SCLE Worksheet ALLOWABLE			
Enter Grade Configuration		9-12	
Enter Student Enrollment		2,400	
Square Feet Per Student		156.00	
Total Gross Square Feet Funded from MASTER PLAN		374,400	
Vert. Cir. Area Allowable	<input checked="" type="radio"/> Single Story Building <input type="radio"/> Multistory Building	0	
Total Adjusted POR Gross Square Footage		374,400	
SCLE POR SUMMARY		SF	
Academic / Special Education / Media / Visual Arts / Music / Technology / Business Education / Family and Consumer Science / Student Dining		189,360	MINIMUM
Administrative Spaces		10,475	
Physical Education Spaces		46,790	MAXIMUM
Food Service Spaces / Custodial Spaces / Building Services		90,673	
Facility Total (NET SF)		337,297	
Construction Factor (11% multiplied by the facility total)		0.11	
Gross Square Feet (GSF) Developed		374,400	

See Note 1.

See Note 2.

See Note 3.

See Note 4.

See Note 5.

See Note 6.

ACTUAL	
9-12	
2,400	
0	
0	
0	
0	
0	
0	

Difference of GSF developed from GSF allowable (374,400)

- Note 1.** Enter grade configuration.
- Note 2.** Enter Student Enrollment.
- Note 3.** **MINIMUM SQUARE FOOTAGE REQUIRED** - Includes H-AC Academic Core Spaces, H-SE Special Education Spaces, H-MC Media Center Spaces, H-VA Visual Arts Spaces, H-MU Music Spaces, H-TE Technology Spaces, H-BE Business Education Spaces, H-FCS Family and Consumer Science Spaces, and H-SD Student Dining Spaces derived from total areas developed with traditional bracketing program areas including the ADDITIONAL H-AC-9a Small Group Room, H-AC-13 Multi-use Studio, H-AC-14 Kinesthetic Learning Studio included in the 2011 Design Manual Update.
- Note 4.** Includes all spaces included in traditional bracketing program areas identified under H-AD Administrative Spaces.
- Note 5.** **MAXIMUM SQUARE FOOTAGE ALLOWED** - Includes all spaces included in traditional bracketing program areas identified under H-PE Physical Education Spaces.
- Note 6.** Includes all spaces included in traditional bracketing program areas identified under H-FS Food Service Spaces, H-CU Custodial Spaces, H-BS Building Service Spaces.

SCLE Educational Specification Schematic S.F. Summary				
PROGRAM AREA	New SF	Exist. SF*	TOTAL SF	
H-AC Academic Core Spaces	0	0	0	See Note 7.
H-SE Special Education Spaces	0	0	0	See Note 8.
H-AD Administrative Spaces	0	0	0	See Note 9.
H-MC Media Center Spaces	0	0	0	See Note 10.
H-VA Visual Arts Spaces	0	0	0	See Note 11.
H-MU Music Spaces	0	0	0	See Note 12.
H-TE Technology Education Spaces	0	0	0	See Note 13.
H-BE Business Education Spaces	0	0	0	See Note 14.
H-FCS Family and Consumer Science Spaces	0	0	0	See Note 15.
H-PE Physical Education Spaces	0	0	0	See Note 16.
H-SD Student Dining Spaces	0	0	0	See Note 17.
H-FS Food Service Spaces	0	0	0	See Note 18.
H-CU Custodial Spaces	0	0	0	See Note 19.
H-BS Building Services	0	0	0	See Note 20.
Facility Total (NET AREA)	0	0	0	
Facility Total (GROSS AREA)	0	0	0	See Note 21.
Calculated Construction factor	0.00	0.00	0.00	
Minus exist. co-funded Oversize Area from Master Plan		0	-	See Note 22.
Adjusted Existing Area		0	-	
Total Adjusted GSF Developed (without Oversize Area)			0	
Difference of GSF developed from GSF allowable			(374,400)	

- Note 7.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-AC Academic Core Spaces.
- Note 8.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-SE Special Education Spaces.
- Note 9.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-AD Administration Spaces.
- Note 10.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-MC Media Center Spaces.
- Note 11.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-VA Visual Arts Spaces.
- Note 12.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-MU Music Spaces.
- Note 13.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-TE Technology Spaces.
- Note 14.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-BE Business Education Spaces.
- Note 15.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-FCS Family and Consumer Science Spaces.
- Note 16.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-PE Physical Education Spaces.
- Note 17.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-SD Student Dining Spaces.
- Note 18.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-FS Food Service Spaces.
- Note 19.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-CU Custodial Spaces.
- Note 20.** Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as H-BS Building Services.
- Note 21.** Enter "New" and "Existing" calculated GROSS AREA totals from schematic diagrams developed.
- Note 22.** Enter existing co-funded Oversize Area from Master Plan

The following worksheet provides a summary of the four major POR categories defined in a "Student Centered Learning Environment" project.

Entering the grade configuration, student enrollment, and both "Net" and "Gross" square footage totals from the educational specifications and schematic diagrams (based upon the traditional POR categories) this worksheet summarizes the ALLOWABLE and ACTUAL areas in a STUDENT CENTERED LEARNING ENVIRONMENT (SCLE). This worksheet is part of the required submittal for any SCLE project.

COMBINATION SCHOOL				SCLE Worksheet ALLOWABLE	ACTUAL
Student Enrollment		Enter Grade Configuration	K-12	See Note 1.	K-12
Enter ELEMENTARY SCHOOL Student Enrollment			300	See Note 2.	300
Enter MIDDLE SCHOOL Student Enrollment			150	See Note 2.	150
Enter HIGH SCHOOL Student Enrollment			200	See Note 2.	200
TOTAL Student Enrollment			650		650
SF per student					
SF per ELEMENTARY SCHOOL student		SF / Student	134		
SF per MIDDLE SCHOOL student		AREA	40,255		
SF per HIGH SCHOOL student			162		
			24,314		
			193		
			38,645		
Total Gross Square Feet Funded from MASTER PLAN			103,215		
Vert. Cir. Area Allowable		<input checked="" type="radio"/> Single Story Building <input type="radio"/> Multistory Building	0		
Total Adjusted POR Gross Square Footage			103,215		
SCLE POR SUMMARY			SF		
Academic / Special Education / Media / Visual Arts / Music / Technology / Business Education / Family and Consumer Science / Student Dining			48,802	MINIMUM	0
Administrative Spaces			2,990		0
Physical Education Spaces			15,800	MAXIMUM	0
Food Service Spaces / Custodial Spaces / Building Services			25,395		0
Facility Total (NET SF)			92,986		0
Construction Factor (11% multiplied by the facility total)			0.11		0
Gross Square Feet (GSF) Developed			103,215		0

Difference of GSF developed from GSF allowable **(103,215)**

Note 1. Enter grade configuration.

Note 2. Enter Student Enrollments for ES, MS, and HS.

Note 3. **MINIMUM SQUARE FOOTAGE REQUIRED** - Includes C-AC Academic Core Spaces, C-SE Special Education Spaces, C-MC Media Center Spaces, C-VA Visual Arts Spaces, C-MU Music Spaces, C-TE Technology Spaces, C-BE Business Education Spaces, C-FCS Family and Consumer Science Spaces, and C-SD Student Dining Spaces derived from total areas developed with traditional bracketing program areas including the ADDITIONAL C-AC-9a Small Group Room, C-AC-13 Multi-use Studio, C-AC-14 Kinesthetic Learning Studio included in the 2011 Design Manual Update.

Note 4. Includes all spaces included in traditional bracketing program areas identified under C-AD Administrative Spaces.

Note 5. **MAXIMUM SQUARE FOOTAGE ALLOWED** - Includes all spaces included in traditional bracketing program areas identified under C-PE Physical Education Spaces.

Note 6. Includes all spaces included in traditional bracketing program areas identified under C-FS Food Service Spaces, C-CU Custodial Spaces, C-BS Building Service Spaces.

SCLE Educational Specification Schematic S.F. Summary			
PROGRAM AREA	New SF	Exist. SF*	TOTAL SF
C-AC Academic Core Spaces	0	0	0
C-SE Special Education Spaces	0	0	0
C-AD Administrative Spaces	0	0	0
C-MC Media Center Spaces	0	0	0
C-VA Visual Arts Spaces	0	0	0
C-MU Music Spaces	0	0	0
C-TE Technology Education Spaces	0	0	0
C-BE Business Education Spaces	0	0	0
C-FCS Family and Consumer Science Spaces	0	0	0
C-PE Physical Education Spaces	0	0	0
C-SD Student Dining Spaces	0	0	0
C-FS Food Service Spaces	0	0	0
C-CU Custodial Spaces	0	0	0
Facility Subtotal:	0	0	0
C-BS Building Services	0	0	0
Facility Total:	0	0	0
Facility Total (GROSS AREA)	0	0	0
Calculated Construction factor	0.00	0.00	0.00
Minus exist. co-funded Oversize Area from Master Plan	0	0	-
Adjusted Existing Area	0	0	-
Total Adjusted GSF Developed (without Oversize Area)			0
Difference of GSF developed from GSF allowable			(103,215)

Note 7. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-AC Academic Core Spaces.

Note 8. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-SE Special Education Spaces.

Note 9. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-AD Administration Spaces.

Note 10. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-MC Media Center Spaces.

Note 11. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-VA Visual Arts Spaces.

Note 12. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-MU Music Spaces.

Note 13. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-TE Technology Spaces.

Note 14. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-BE Business Education Spaces.

Note 15. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-FCS Family and Consumer Science Spaces.

Note 16. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-PE Physical Education Spaces.

Note 17. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-SD Student Dining Spaces.

Note 18. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-FS Food Service Spaces.

Note 19. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-CU Custodial Spaces.

Note 20. Enter "New" and "Existing" net square footage totals from schematic diagrams for areas identified in traditional bracketing as C-BS Building Services.

Note 21. Enter "New" and "Existing" calculated GROSS AREA totals from schematic diagrams developed.

Note 22. Enter existing co-funded Oversize Area from Master Plan

PURPOSE:

The purpose of this chapter is to assist the Career-Technical School in establishing the gross square feet for a new facility or an addition to an existing facility. The size of the facility is based upon the student capacity and the programs offered within the facility which have been approved by the Ohio Department of Education.

ALLOCATING BUILDING SQUARE FEET:

Square feet allocations for spaces in the core areas and the program specific areas have been established. A worksheet for each core area and each program area follows the Summary of Core Spaces. With the aid of the educational specifications, the Vocational School District and its Design Professional can tailor the facility to meet the needs of the district by entering the appropriate quantities for each space.

The spaces of each area are further defined in Chapter 6 (CT). In this chapter are listed spatial relationships, environmental considerations, and representative space plates.

Certain building-related areas are included in the Summary of Spaces. These spaces are directly or indirectly related to the student capacity. These areas will be calculated as the district selects educational spaces. The basis for these calculations is shown on the space plates.

GROSS SQUARE FOOT ALLOWANCE:

CAREER-TECHNICAL SCHOOLS
GROSS SQUARE FOOT MAXIMUM - CORE SPACES

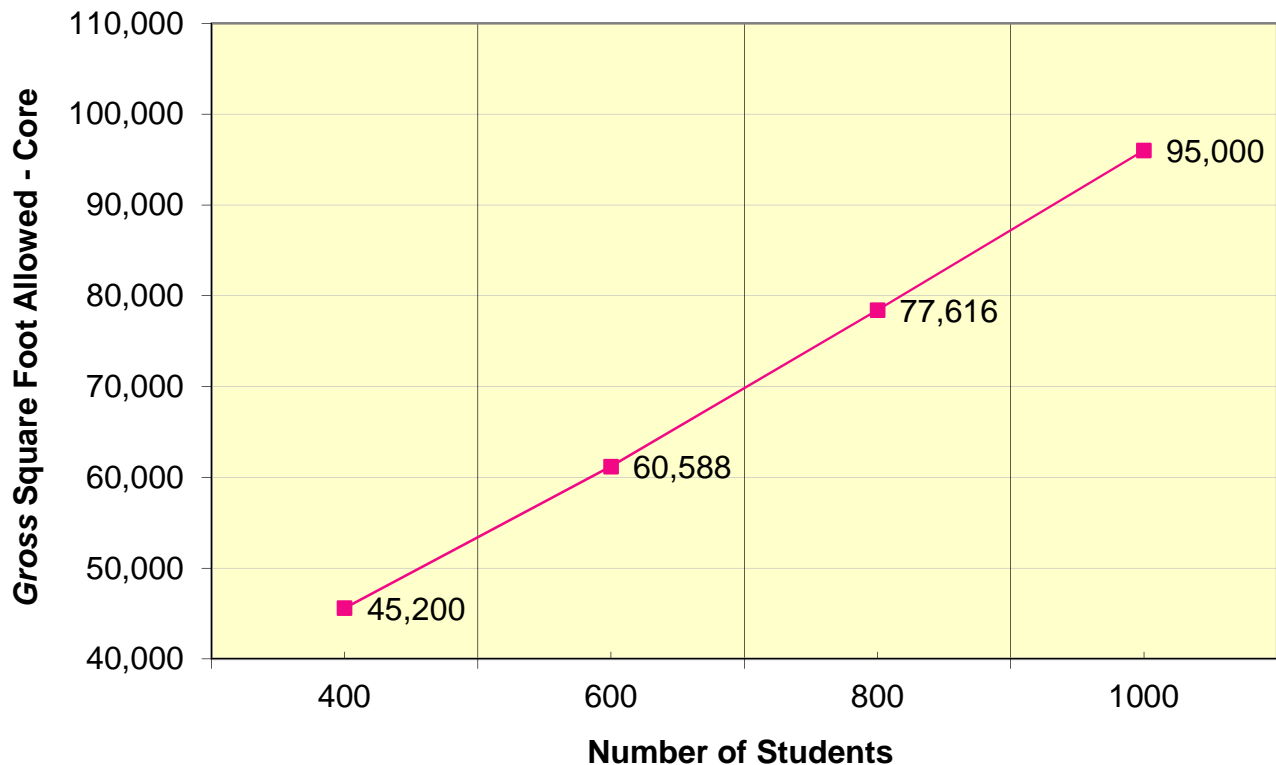
CHAPTER 2: BRACKETING

Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

Enter # of Students	900
SF/Student	95.90
Gross SF for Core Spaces	86,308

Career-Technical School

0 - 399 students, 113 SF/student
 400 - 599 students, 113–101 SF/student
 600 - 799 students, 101–97 SF/student
 800 - 999 students, 97–95 SF/student
 1000 - 4999 students, 95–95 SF/student
 5000+ students, 95 SF/student

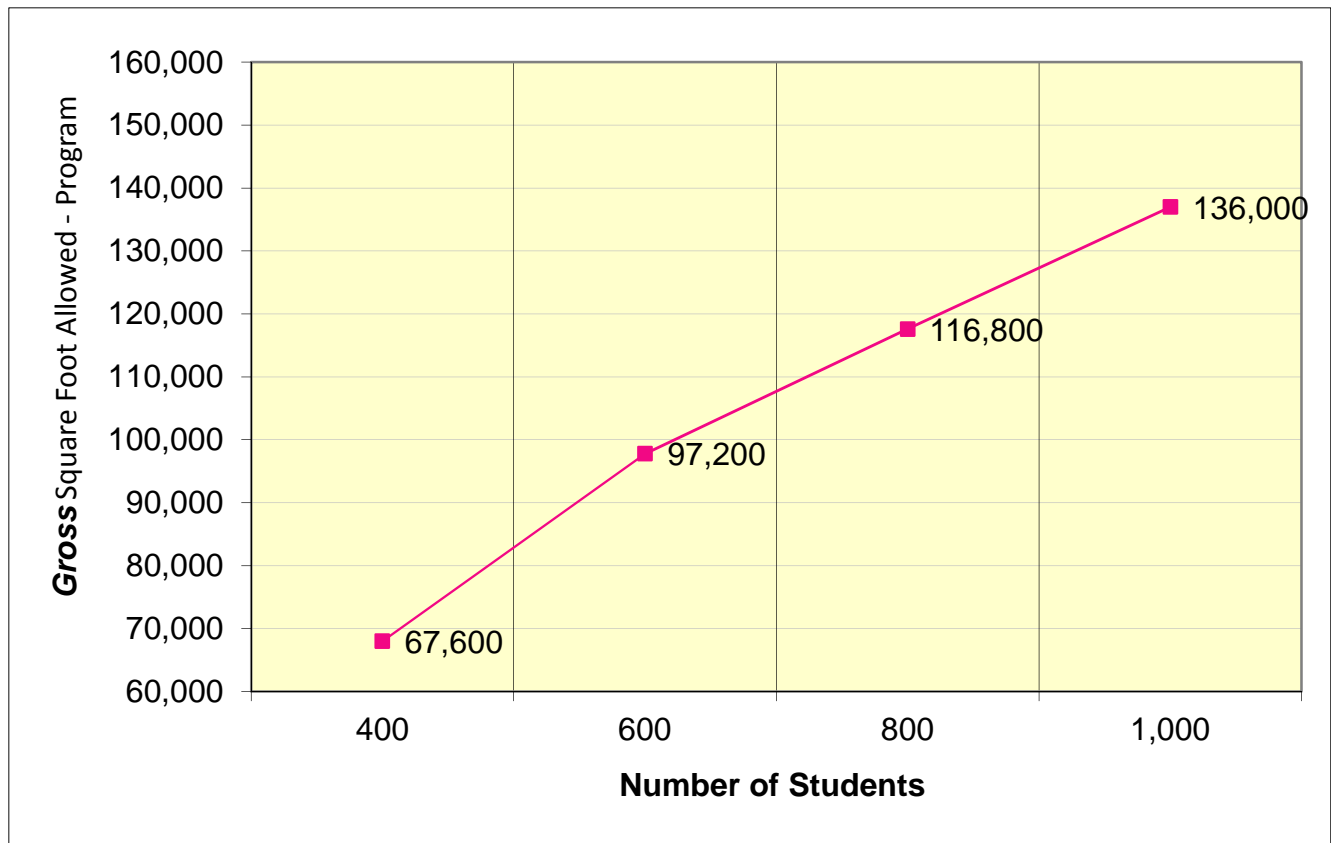


Previously, changes or additions made during the annual update of the Design Manual have been "***bolded and italicized***" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

Enter # of Students	900
SF/Student	140.44
Gross SF for Program Spaces	126,400

Career-Technical School

0 - 399 students, 169 SF/student
 400 - 599 students, 169–162 SF/student
 600 - 799 students, 162–146 SF/student
 800 - 999 students, 146–136 SF/student
 1000 - 4999 students, 136–136 SF/student
 5000+ students, 136 SF/student



CAREER-TECHNICAL SCHOOLS
GROSS SQUARE FOOT MAXIMUM - COMBINED SPACES

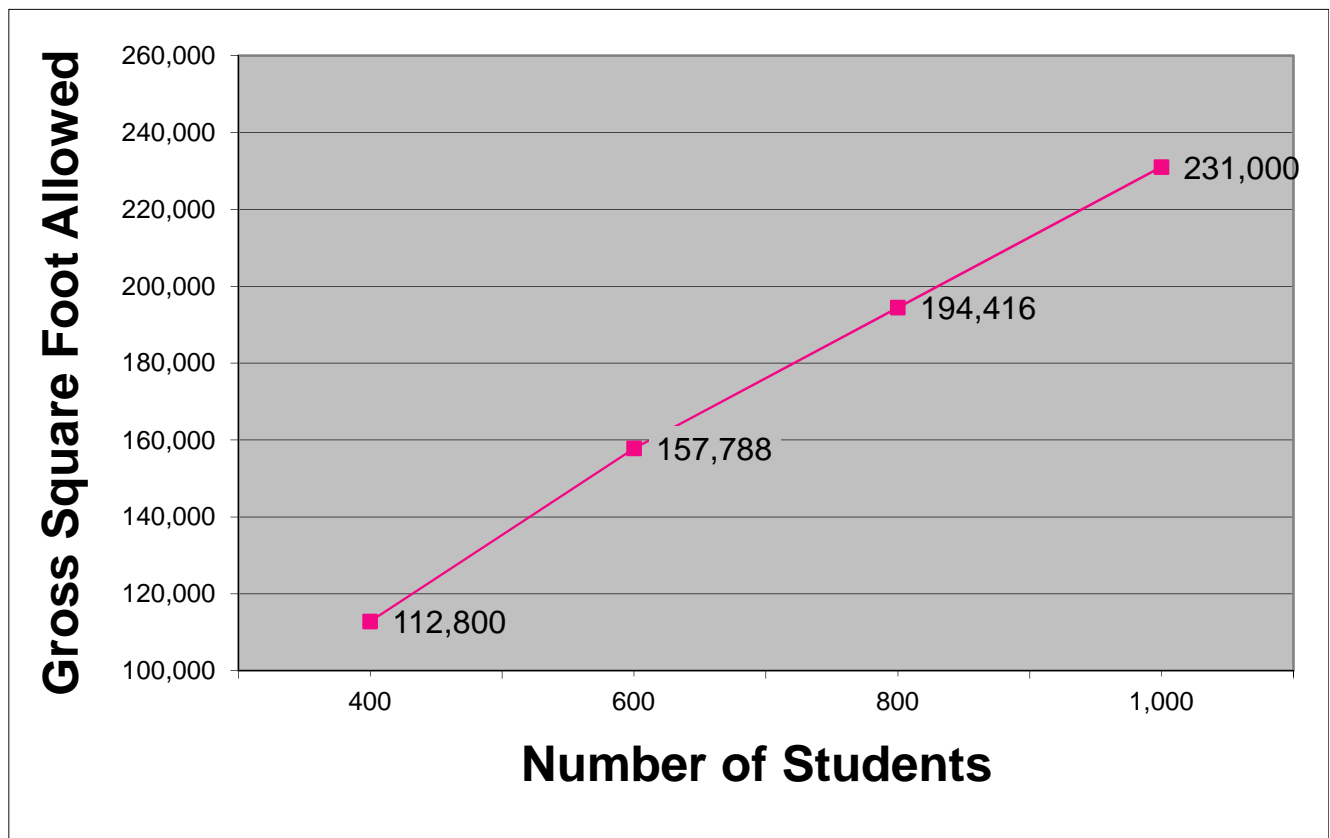
CHAPTER 2: BRACKETING

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Enter # of Students	900
SF/Student	236.34
Gross SF for Combined Spaces	212,708

Career-Technical School

Add the results of 2700-2 and 2700-3 for the above number of students in each.



Sample School District, Sample School Building
CAREER-TECHNICAL SCHOOL
SUMMARY OF SPACES EXAMPLE

CHAPTER 2: BRACKETING

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Number of Students	400	600	800	1,000
Core SF/student Funded	113	101	97	95
Total Core Space Funded	45,200	60,588	77,616	95,000
Program SF/student Funded	169	162	146	136
Total Program Space Funded	67,600	97,200	116,800	136,000
Total Gross SF Funded	112,800	157,788	194,416	231,000

Core Spaces				
CT-AC Academic Core	14,420	20,520	26,890	33,370
CT-SE Spec. Ed./Student Svs.	4,000	4,000	5,170	5,290
CT-AD Administration	3,030	3,910	4,910	6,180
CT-MC Media Center	2,790	4,090	4,840	5,980
CT-SD Student Dining	4,480	5,730	7,447	9,504
CT-FS Food Service	1,615	2,315	3,015	3,855
CT-CU Custodial	300	400	500	500
CT-GS General Services	3,091	4,228	5,110	6,376
Net Core Space	33,726	45,193	57,882	71,055
Mechanical/Electrical Space (6.9%)	2,327	3,118	3,994	4,903
Corridors (14%)	4,722	6,327	8,103	9,948
Total Core Space	40,775	54,638	69,979	85,906
Construction Factor (11%)	4,485	6,010	7,698	9,450
Gross Core Space Developed	45,260	60,649	77,677	95,356
Gross Core Space Co-Funded	45,200	60,588	77,616	95,000

Program Spaces				
CT-P1 Program Type 1	4,860	6,380	7,900	12,460
CT-P2 Program Type 2	4,620	2,310	4,620	4,620
CT-P3 Program Type 3	3,700	6,840	9,070	11,360
CT-P4 Program Type 4	8,355	11,015	14,465	19,335
CT-P5 Program Type 5	10,126	18,752	19,252	15,389
CT-P6 Program Type 6	18,889	23,249	32,475	28,912
CT-P7 Program Type 7	0	0	0	10,000
Net Program Space	50,550	68,546	87,782	102,076
Mechanical/Electrical Space (5%)	2,528	3,427	4,389	5,104
Corridors (14%)	7,077	9,596	12,289	14,291
Total Program Space	60,155	81,570	104,461	121,470
Construction Factor (11%)	6,617	8,973	11,491	13,362
Gross Program Space Developed	66,771	90,542	115,951	134,832
Gross Program Space Co-Funded	67,600	97,200	116,800	136,000

Total Gross SF Developed	112,031	151,191	193,628	230,188
Total Gross SF Co-Funded	112,800	157,788	194,416	231,000
Difference	769	6,597	788	812

School District Name, School Building Name**CAREER-TECHNICAL SCHOOL****SUMMARY OF SPACES WORKSHEET**

CHAPTER 2: BRACKETING

Previously, changes or additions made during the annual update of the Design Manual have been ***"bolded and italicized"*** for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

Worksheet Summary	
Enter Student Enrollment	
Gross SF per Student Funded	
Total Gross SF Funded	0
Core Spaces	
CT-AC Academic Core	0
CT-SE Spec. Ed./Student Svs.	0
CT-AD Administration	0
CT-MC Media Center	0
CT-SD Student Dining	0
CT-FS Food Service	0
CT-CU Custodial	0
CT-GS General Services	0
Net Core Space	0
Mech./Electrical Space (6.9%)	0
Corridors (14%)	0
Total Core Space	0
Construction Factor (11%)	0
Gross Core Space Developed	0
Maximum Gross Core SF Co-Funded	0
Difference	0
Program Spaces	
CT-P1 Program Type 1	0
CT-P2 Program Type 2	0
CT-P3 Program Type 3	0
CT-P4 Program Type 4	0
CT-P5 Program Type 5	0
CT-P6 Program Type 6	0
CT-P7 Program Type 7	0
Net Program Spaces	0
Mech./Electrical Space (5%)	0
Corridors (14%)	0
Total Program Space	0
Construction Factor (11%)	0
Gross Program Space Developed	0
Maximum Gross Program SF Co-Funded	0
Difference	0

Total Gross SF Developed	0
Total Gross SF Co-Funded	0
Difference	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	400 Students			600 Students			800 Students			1000 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
CT-AC-1 Academic classroom	7	900	6300	13	900	11700	17	900	15300	22	900	19800
CT-AC-2 Computer room	1	1200	1200	1	1200	1200	2	1200	2400	2	1200	2400
CT-AC-3 General Science/Physics	1	1200	1200	1	1200	1200	1	1200	1200	2	1200	2400
CT-AC-4 Biology	1	1200	1200	1	1200	1200	2	1200	2400	2	1200	2400
CT-AC-5 Chemistry	1	1200	1200	1	1200	1200	1	1200	1200	1	1200	1200
CT-AC-6 Science Prep	1	300	300	2	300	600	2	300	600	3	300	900
CT-AC-7 Teacher Prep/workroom	3	300	900	4	300	1200	4	300	1200	4	400	1600
CT-AC-8 Individual restroom	2	60	120	2	60	120	4	60	240	4	60	240
CT-AC-9 Small group room	2	150	300	2	150	300	3	150	450	3	150	450
CT-AC-10 Material storage	4	50	200	4	75	300	4	100	400	4	120	480
CT-AC-11 Multipurpose room	1	1500	1500	1	1500	1500	1	1500	1500	1	1500	1500
CT-AC-12 Science Laboratory	0	1000	0	0	1000	0	0	1000	0	0	1000	0
Academic Core Total			14,420			20,520			26,890			33,370

See Note 1

See Note 2

Academic Core Worksheet			
Space	Qty	SF	Area
CT-AC-1 Academic classroom		900	0
CT-AC-2 Computer room		1200	0
CT-AC-3 General Science/Physics		1200	0
CT-AC-4 Biology		1200	0
CT-AC-5 Chemistry		1200	0
CT-AC-6 Science Prep		300	0
CT-AC-7 Teacher Prep/workroom		300	0
CT-AC-8 Individual restroom		60	0
CT-AC-9 Small group room		150	0
CT-AC-10 Material storage		50	0
CT-AC-11 Multipurpose room		1500	0
CT-AC-12 Science Laboratory		1000	0
Academic Core Total			0

See Note 1

See Note 2

Square Footage Allowance Notes		
Student Enrollment	1	2
350-450 Students	300	50
451-800 Students	300	100
801-1200 Students	400	150
1201-1600 Students	600	200
Enrollment Determines SF Allowed		

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	400 Students			600 Students			800 Students			1000 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
CT-SE-1 Classroom	1	900	900	1	900	900	2	900	1800	2	900	1800
CT-SE-2 Workroom/conference	1	150	150	1	150	150	2	150	300	2	150	300
CT-SE-3 Restroom/shower	1	100	100	1	100	100	1	100	100	1	100	100
CT-SE-4 Career Tech. Evaluation	1	1200	1200	1	1200	1200	1	1200	1200	1	1200	1200
CT-SE-5 Career Tech. Office	1	120	120	1	120	120	1	120	120	2	120	240
CT-SE-6 Small group room	1	360	360	1	360	360	1	360	360	1	360	360
CT-SE-7 Job training Office	1	120	120	1	120	120	2	120	240	2	120	240
CT-SE-8 Resource room	1	900	900	1	900	900	1	900	900	1	900	900
CT-SE-9 Storage	1	150	150	1	150	150	1	150	150	1	150	150
Special Education Total			4,000			4,000			5,170			5,290

Special Education Worksheet			
Space	Qty	SF	Area
CT-SE-1 Classroom		900	0
CT-SE-2 Workroom/conference		150	0
CT-SE-3 Restroom/shower		100	0
CT-SE-4 Career Tech. Evaluation		1200	0
CT-SE-5 Career Tech. Office		120	0
CT-SE-6 Small group room		360	0
CT-SE-7 Job training Office		120	0
CT-SE-8 Resource room		900	0
CT-SE-9 Storage		150	0
Special Education Total			0

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	400 Students			600 Students			800 Students			1000 Students			
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
CT-AD-1 Reception area	1	200	200	1	300	300	1	400	400	1	500	500	See Note 1
CT-AD-2 Secretarial space	1	200	200	1	300	300	1	400	400	1	500	500	See Note 2
CT-AD-3 Director/Principal's office	1	150	150	1	150	150	1	150	150	1	150	150	
CT-AD-4 Asst. Dir./Principal office	0	120	0	0	120	0	1	120	120	1	120	120	
CT-AD-5 Supervisor's office	1	120	120	2	120	240	2	120	240	3	120	360	
CT-AD-6 Coordinator's office	2	120	240	3	120	360	4	120	480	5	120	600	
CT-AD-7 Conference room	1	250	250	2	250	500	2	250	500	3	250	750	
CT-AD-8 Mail/work/copy room	1	200	200	1	250	250	1	300	300	1	350	350	See Note 3
CT-AD-9 Administrative Storage	1	150	150	1	150	150	1	200	200	1	200	200	See Note 4
CT-AD-10 Vault/records	1	50	50	1	65	65	1	80	80	1	100	100	See Note 5
CT-AD-11 Restroom	1	60	60	1	60	60	1	60	60	2	60	120	
CT-AD-12 Guidance counselor	2	120	240	2	120	240	3	120	360	3	120	360	
CT-AD-13 Guidance records/storage	1	100	100	1	100	100	1	100	100	1	150	150	See Note 6
CT-AD-14 Guidance conference	1	150	150	1	200	200	2	200	400	2	250	500	See Note 7
CT-AD-15 Parent/volunteer	1	200	200	1	200	200	1	250	250	1	400	400	See Note 8
CT-AD-16 Health clinic (incl. RR)	1	400	400	1	400	400	1	450	450	1	500	500	See Note 9
CT-AD-17 Itinerant personnel	1	120	120	1	120	120	1	120	120	1	120	120	
CT-AD-18 In-school suspension	1	200	200	1	275	275	1	300	300	1	400	400	See Note 10
Administrative Total			3,030			3,910			4,910			6,180	

Adminstration Worksheet			
Space	Qty	SF	Area
CT-AD-1 Reception area		200	0 See Note 1
CT-AD-2 Secretarial space		200	0 See Note 2
CT-AD-3 Director/Principal's office		150	0
CT-AD-4 Asst. Dir./Principal office		120	0
CT-AD-5 Supervisor's office		120	0
CT-AD-6 Coordinator's office		120	0
CT-AD-7 Conference room		250	0
CT-AD-8 Mail/work/copy room		200	0 See Note 3
CT-AD-9 Administrative Storage		150	0 See Note 4
CT-AD-10 Vault/records		50	0 See Note 5
CT-AD-11 Restroom		60	0
CT-AD-12 Guidance counselor		120	0
CT-AD-13 Guidance records/storage		100	0 See Note 6
CT-AD-14 Guidance conference		150	0 See Note 7
CT-AD-15 Parent/volunteer		200	0 See Note 8
CT-AD-16 Health clinic (incl. RR)		400	0 See Note 9
CT-AD-17 Itinerant personnel		120	0
CT-AD-18 In-school suspension		200	0 See Note 10
Administrative Total			0

Square Footage Allowance Notes										
Student Enrollment	1	2	3	4	5	6	7	8	9	10
350-450 Students	200	200	200	150	50	100	150	200	400	200
451-800 Students	400	400	300	150	80	100	200	300	450	325
801-1200 Students	500	500	400	200	110	200	250	400	500	450
1201-1600 Students	600	600	500	200	140	200	250	400	550	575
Enrollment Determines SF Allowed										

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		400 Students			600 Students			800 Students			1000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
CT-MC-1	Reading room/Circulation	1	1400	1400	1	2100	2100	1	2800	2800	1	3500	3500	See Note 1
CT-MC-2	Media Specialist office	1	120	120	1	120	120	2	120	240	2	120	240	
CT-MC-3	Workroom/storage	1	300	300	1	300	300	1	300	300	1	500	500	See Note 2
CT-MC-4	Main Control/Equipment room	1	300	300	1	300	300	1	300	300	1	300	300	
CT-MC-5	Conference room	1	250	250	1	250	250	1	250	250	1	250	250	
CT-MC-6	Multimedia Production room	0	500	0	1	500	500	1	500	500	1	500	500	
CT-MC-7	Document storage	1	200	200	1	300	300	1	250	250	1	400	400	See Note 3
CT-AC-9	Small group room	1	220	220	1	220	220	1	200	200	1	290	290	See Note 4
Media Center Total				2,790			4,090			4,840			5,980	

Media Center Worksheet					
Space		Qty	SF	Area	
CT-MC-1	Reading room/Circulation		0	0	See Note 1
CT-MC-2	Media Specialist office		120	0	
CT-MC-3	Workroom/storage		300	0	See Note 2
CT-MC-4	Main Control/Equipment room		300	0	
CT-MC-5	Conference room		250	0	
CT-MC-6	Multimedia Production room		500	0	
CT-MC-7	Document storage		200	0	See Note 3
CT-AC-9	Small group room		220	0	
Media Center Total				0	See Note 4

Media Center Notes	
Number	Notes:
1	The size of the Reading Room/Circulation space is equal to 10% of the student enrollment multiplied by 35 SF per student.

Square Footage Allowance Notes			
Student Enrollment	2	3	4
350-450 Students	300	200	220
451-800 Students	400	300	220
801-1200 Students	500	250	200
1201-1600 Students	600	400	290
Enrollment Determines SF Allowed			

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	400 Students			600 Students			800 Students			1000 Students			
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
CT-SD-1 Student Dining	1	3000	3000	1	3500	3500	1	4667	4667	1	5833	5833	See Note 1
CT-SD-2 Stage	1	1000	1000	1	1200	1200	1	1600	1600	1	2000	2000	See Note 2
CT-SD-3 Staff Dining	0	400	0	1	500	500	1	600	600	1	900	900	See Note 3
CT-SD-4 Table Storage	1	400	400	1	450	450	1	500	500	1	611	611	See Note 4
CT-SD-5 Family Restroom	1	80	80	1	80	80	1	80	80	2	80	160	
Student Dining Total			4,480			5,730			7,447			9,504	

Student Dining Worksheet				
Space	Qty	SF	Area	
CT-SD-1 Student Dining		3000	0	See Note 1
CT-SD-2 Stage		1000	0	See Note 2
CT-SD-3 Staff Dining		450	0	See Note 3
CT-SD-4 Table Storage		400	0	See Note 4
CT-SD-5 Family Restroom		80	0	
Student Dining Total			0	

Student Dining Notes	
1	The size of the Student Dining space is equal to one-third of the student enrollment multiplied by 17.5 SF per student or 3,000 SF, whichever is greater.
2	The size of the stage equals student enrollment multiplied by 2 SF or 1,000 SF, whichever is larger.

Square Footage Allowance Notes		
Student Enrollment	3	4
350-450 Students	450	400
451-800 Students	600	500
801-1200 Students	750	600
1201-1600 Students	900	700
Enrollment Determines SF Allowed		

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	400 Students			600 Students			800 Students			1000 Students			
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
CT-FS-0 Warming Kitchen	0	800	0	0	1,200	0	1,600	0	2,000	0			See Note 1
CT-FS-1 Kitchen (total)	1		1400	1		2100	1		2800	1		3500	See Note 1 & 2
CT-FS-1a Preparation area	1	504		1	756		1	1008		1	1260		See Kitchen Area Notes
CT-FS-1b Serving area	1	476		1	714		1	952		1	1190		See Kitchen Area Notes
CT-FS-1c Dry food storage	1	154		1	231		1	308		1	385		See Kitchen Area Notes
CT-FS-1d Cooler/freezer	1	140		1	210		1	280		1	350		See Kitchen Area Notes
CT-FS-1e Ware washing	1	126		1	189		1	252		1	315		See Kitchen Area Notes
CT-FS-2 Dietician Office	1	75	75	1	75	75	1	75	75	1	75	75	
CT-FS-3 Restroom/Locker Rm	1	140	140	1	140	140	1	140	140	2	140	280	
Food Service Total			1,615			2,315			3,015			3,855	

Food Service Worksheet				
Space	Qty	SF	Area	
CT-FS-0 Warming Kitchen		0	0	See Note 1
CT-FS-1 Kitchen (total)		0	0	See Note 1 & 2
CT-FS-1a Preparation area	1	0		See Kitchen Area Notes
CT-FS-1b Serving area	1	0		See Kitchen Area Notes
CT-FS-1c Dry food storage	1	0		See Kitchen Area Notes
CT-FS-1d Cooler/freezer	1	0		See Kitchen Area Notes
CT-FS-1e Ware washing	1	0		See Kitchen Area Notes
CT-FS-2 Dietician Office		75	0	
CT-FS-3 Restroom/Locker Rm		140	0	
Food Service Total			0	

Food Service Notes	
Number	Notes:
1	Only one of the two Kitchens is used - either CT-FS-0 OR CT-FS-1, not both.
2	The size of the kitchen is equal to the sum of the preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.

Kitchen Area Notes					
Food Service Area	Enroll	X	SF per Student	x	%
Preparation Area	Enroll	x	3.5	x	36%
Serving Areas	Enroll	x	3.5	x	34%
Dry Food Storage	Enroll	x	3.5	x	11%
Cooler/	Enroll	x	3.5	x	10%
Ware Washing Area	Enroll	x	3.5	x	9%
Warming Kitchen	Enroll	x	2.0		
Multiply Enrollment x SF/Student x % to achieve size of area					

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE	400 Students			600 Students			800 Students			1000 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
CT-CU-1 Workroom	1	200	200	1	300	300	1	400	400	1	400	400
CT-CU-2 Custodial Office	1	100	100	1	100	100	1	100	100	1	100	100
Custodial Total			300			400			500			500

See Note 1

Custodial Worksheet			
Space	Qty	SF	Area
CT-CU-1 Workroom		200	0
CT-CU-2 Custodial Office		100	0
Custodial Total			0

See Note 1

Square Footage Allowance Notes	
Student Enrollment	1
Up to 400 Students	200
401-600 Students	300
Above 600 Students	400
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE		400 Students			600 Students			800 Students			1000 Students			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
CT-GS-1	Large group restrooms	1	1600	1600	1	2400	2400	1	3200	3200	1	4000	4000	See Build Svc Sizes
CT-GS-2	Custodial closet	2	50	100	3	50	150	3	50	150	4	50	200	
CT-GS-3	Electrical closet	2	50	100	3	50	150	3	50	150	4	50	200	
CT-GS-4	Technology closet	2	64	128	3	64	192	3	64	192	4	64	256	See Build Svc Sizes
CT-GS-5	Storage area	1	150	150	1	150	150	1	200	200	1	200	200	
CT-GS-6	Central Storage/Distribution Center	1	893	893	1	1066	1066	1	1098	1098	1	1400	1400	
CT-GS-7	Loading/receiving area	1	120	120	1	120	120	1	120	120	1	120	120	See Build Svc Sizes
General Services Total				3,091			4,228			5,110			6,376	

General Services Worksheet			
Space		Qty	SF Area
CT-GS-1	Large group restrooms		0 0
CT-GS-2	Custodial closet		50 0
CT-GS-3	Electrical closet		50 0
CT-GS-4	Technology closet		64 0
CT-GS-5	Storage area		150 0
CT-GS-6	Central Storage/Distribution Center		0 0
CT-GS-7	Loading/receiving area		120 0
General Services Total			0

Building Services Area Sizes			
Building Services Areas	Enroll	X	SF/Student
Large Group Restrooms	Enroll	x	4.0
Multiply total enrollment xSF/Student to achieve size of area			

Building Services Area Sizes		
Student Enrollment	Stor	Ctl Stor
Up to 400 Students	150	7.5 SF per Student
401-600 Students	150	6.6 SF per Student
601-800 Students	200	5.8 SF per Student
Above 801 Students	200	5.0 SF per Student
Enrollment Determines SF Allowed		

The following school size example illustrates the suggested instructional and support spaces
 The example is intended to assist in the planning, design, and development of the summary of spaces

EXAMPLE	400 Students			600 Students			800 Students			1000 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
CT-BS-1 Corridors	1	11799	11799	1	15923	15923	1	20393	20393	1	24238	24238
CT-BS-2 Mechanical/electrical space/decks	1	5815	5815	1	7848	7848	1	10051	10051	1	11946	11946
Building Services Total			17,614			23,771			30,444			36,184

See Build Svc Sizes

See Build Svc Sizes

Building Services Worksheet		
Space	Area	
CT-BS-1 Corridors	0	See Build Svc Sizes
CT-BS-2 Mechanical/electrical space/decks	0	See Build Svc Sizes
Building Services Total	0	

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Corridors	Prog	x	14
Mechanical/Electrical Space/Decks	Prog	x	6.9
Multiply sum of net core and program Areas x % to achieve size of area			

The 80+ programs operated by Career -Technical Schools and the Comprehensive and Compact Schools are bracketed on the following pages. These programs have been combined into seven program types based upon the characteristics of lab space requirements, related and support spaces, and required finishes within the laboratories. The bracket for each program type lists all of the programs within that type, the size of the laboratory and the sizes of any related and support spaces associated with each program. The related space in each bracket is associated with each program within the listing while support spaces are listed under the laboratory requirement for each program within its respective type.

Within each program type, an example is given for a typical 600 student Career-Technical School which depicts the specific programs which are currently housed within that school. Following each program example, a worksheet is included which may be utilized to record each program offered by an actual school.

The following lists all of the programs within Type 1 with the laboratory space requirements as well as the related space requirements. In this example of a 600 student Career-Technical School, it is indicated that four programs are being offered.

EXAMPLE				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Accounting	G0	1	1200	1200
Administrative and Professional Support	C0		1200	0
Automation & Robotics	R0		1800	0
Aviation Occupations	T4	1	1500	1500
Business Management	C1		1200	0
Electronics	R1		1800	0
Financial Services	G1	1	1200	1200
Information Support and Services	N0		1200	0
Interactive Media	N1		1200	0
Legal Management and Support	C2		1200	0
Medical Management and Support	C3		1200	0
Network Systems	N2	1	1200	1200
Programming & Software Development	N3		1200	0
Telecommunications	F5		1200	0
Travel and Tourism	L2		1200	0
Visual Design and Imaging	B2		1200	0
Total Lab Spaces		4		
Related Spaces				
CT-P1-2 Office		4	120	480
CT-P1-3 Storage		4	200	800
Total Program Type 1				6,380

Laboratory and Support Spaces Worksheet				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Accounting	G0		1200	0
Administrative and Professional Support	C0		1200	0
Automation & Robotics	R0		1800	0
Aviation Occupations	T4		1500	0
Business Management	C1		1200	0
Electronics	R1		1800	0
Financial Services	G1		1200	0
Information Support and Services	N0		1200	0
Interactive Media	N1		1200	0
Legal Management and Support	C2		1200	0
Medical Management and Support	C3		1200	0
Network Systems	N2		1200	0
Programming & Software Development	N3		1200	0
Telecommunications	F5		1200	0
Travel and Tourism	L2		1200	0
Visual Design and Imaging	B2		1200	0
Total Lab Spaces		0		
Related Spaces				
CT-P1-2 Office			120	0
CT-P1-3 Storage			200	0
Total Program Type 1				0

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P2

CHAPTER 2: BRACKETING

The following lists all of the programs within Type 2 with the laboratory space requirements as well as related spaces requirements. In this example of a 600 student Career-Technical School, it is indicated that one program is being offered.

EXAMPLE				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Allied Health & Nursing	JM		1500	0
Biomedical Science	F0		1500	0
Biotechnology for Food, Plant, Animal Science	A3		1500	0
Community Health Aide	J2		1500	0
Criminal Science Technology	P2		1500	0
Dental Laboratory Technology	J4		1500	0
Emergency Medical Technician	P3		1500	0
Energy Science	F1		1500	0
Engineering Science	F2		1500	0
Engineering and Design	F6		1500	0
Exercise Science and Sports Medicine	J6		1500	0
Health Information Management	J7		1500	0
Health Support Pathway	J8		1500	0
Health Unit Coordinator	J9		1500	0
Home Health	JA		1500	0
Medical Bioscience	J0		1500	0
Medical Laboratory Technology	JC		1500	0
Pharmacy Technician	JG		1500	0
Practical Nursing	JJ		1500	0
Therapeutic Pathway	JL		1500	0
Total Lab Spaces		0		
Related Space				
CT-P2-2 Office		1	120	120
CT-P2-3 Storage		1	200	200
CT-P2-4 Changing Room		1	490	490
Total Program Type 2				810

Laboratory and Support Spaces Worksheet				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Allied Health & Nursing	JM		1500	0
Biomedical Science	F0		1500	0
Biotechnology for Food, Plant, Animal Science	A3		1500	0
Community Health Aide	J2		1500	0
Criminal Science Technology	P2		1500	0
Dental Laboratory Technology	J4		1500	0
Emergency Medical Technician	P3		1500	0
Energy Science	F1		1500	0
Engineering Science	F2		1500	0
Engineering and Design	F6		1500	0
Exercise Science and Sports Medicine	J6		1500	0
Health Information Management	J7		1500	0
Health Support Pathway	J8		1500	0
Health Unit Coordinator	J9		1500	0
Home Health	JA		1500	0
Medical Bioscience	J0		1500	0
Medical Laboratory Technology	JC		1500	0
Pharmacy Technician	JG		1500	0
Practical Nursing	JJ		1500	0
Therapeutic Pathway	JL		1500	0
Total Lab Spaces		0		
Related Space				
CT-P2-2 Office			120	0
CT-P2-3 Storage			200	0
CT-P2-4 Changing Room			490	0
Total Program Type 2				0

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P3

CHAPTER 2: BRACKETING

The following lists all of the programs within Type 3 with the laboratory space requirements as well as the related spaced requirements. In this example of a 600 student Career-Technical School, it is indicated that three programs are being offered.

EXAMPLE				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Supply Chain Management Laboratory	S0		1500	0
Early Childhood Education and Care Laboratory	E0	1	1500	1500
Observation		1	120	120
Infants		1	700	700
Kitchenette/Break room		1	350	350
Workroom		1	150	150
Toddler Restroom		1	60	60
Reception		1	500	500
Playground Area				0
Entrepreneurship Laboratory	S1	1	1000	1000
Bookstore			800	0
Display			100	0
Ground Operations Laboratory	T5	1	1500	1500
Reference Room			150	0
Lodging Laboratory	L1		1500	0
Banquet Room			800	0
Marketing Communications Laboratory	S3		900	0
Bookstore			800	0
Display			100	0
Marketing Management Laboratory	S4		900	0
Bookstore			800	0
Display			100	0
Total Lab Spaces		3		
Related Space				
CT-P3-2 Office		3	120	360
CT-P3-3 Storage		3	200	600
Total Program Type 3				6,840

Laboratory and Support Spaces Worksheet				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Supply Chain Management	S0			
Laboratory			1500	0
Early Childhood Education and Care	E0			
Laboratory			1500	0
Observation			120	0
Infants			700	0
Kitchenette/Break room			350	0
Reception			500	0
Workroom			150	0
Toddler Restroom			60	0
Playground Area				0
Entrepreneurship	S1			
Laboratory			1000	0
Bookstore			800	0
Display			100	0
Ground Operations	T5			
Laboratory			1500	0
Reference Room			150	0
Lodging	L1			
Laboratory			1500	0
Banquet Room			800	0
Marketing Communications	S3			
Laboratory			900	0
Bookstore			800	0
Display			100	0
Marketing Management	S4			
Laboratory			900	0
Bookstore			800	0
Display			100	0
Total Lab Spaces		0		
Related Space				
CT-P3-2 Office			120	0
CT-P3-3 Storage			200	0
Total Program Type 3				0

The following lists all of the programs within Type 4 with the laboratory space requirements as well as the related space requirements. In this example of a 600 student Career-Technical School, it is indicated that three programs are being offered.

EXAMPLE				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Animal Science and Management	A2			
Laboratory (small animal)			1000	0
Pet shop			1200	0
Clinic			350	0
Grooming			350	0
Animal Room			200	0
Animal Room			600	0
Kennel			250	0
Career Paths for the Law Profession	P0			
Laboratory			1200	0
Weight Room			800	0
Interrogation Room			150	0
Clinical Health Care Services	J1			
Laboratory			1200	0
Training Restroom			120	0
Laundry Room			120	0
Cosmetology	M1			
Laboratory		1	1600	1600
Dispensary		1	175	175
Laundry Room		1	150	150
Facial Room		1	200	200
Manicure Room		1	200	200
Customer Toilet		1	60	60
Criminal Justice	P1			
Laboratory		1	1200	1200
Weight Room		1	800	800
Interrogation Room		1	150	150
Culinary and Food Service Operations	L0			
Laboratory			1800	0
Restaurant			1500	0
Dry Storage			150	0
Total Program Type 4 (Page 1)		2		4,535

Laboratory and Support Spaces Notes
Notes:
1: One classroom space is to be allocated for every two program spaces (fractions thereof) in types 4 through 7

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P4

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students			Students Type A & C			OSDM Recommendation		
		New			Existing*			TOTAL		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
CTE Program Code	Laboratory Space									
A2	Animal Science and Management Laboratory (small animal)		1000	0			0			0
	Pet shop		1200	0			0			0
	Clinic		350	0			0			0
	Grooming		350	0			0			0
	Animal Room		200	0			0			0
	Animal Room		600	0			0			0
	Kennel		250	0			0			0
P0	Career Paths for the Law Profession									
	Laboratory		1200	0			0			0
	Weight Room		800	0			0			0
	Interrogation Room		150	0			0			0
J1	Clinical Health Services									
	Laboratory		1200	0			0			0
	Training Restroom		120	0			0			0
	Laundry Room		120	0			0			0
M1	Cosmetology									
	Laboratory		1600	0			0			0
	Dispensary		175	0			0			0
	Laundry Room		150	0			0			0
	Facial Room		200	0			0			0
	Manicure Room		200	0			0			0
	Customer Toilet		60	0			0			0
P1	Criminal Justice									
	Laboratory		1200	0			0			0
	Weight Room		800	0			0			0
	Interrogation Room		150	0			0			0
L0	Culinary and Food Service Operations									
	Laboratory		1800	0			0			0
	Restaurant		1500	0			0			0
	Dry Storage		150	0			0			0
Total Program Type 4 (Page 1)		0		0	0		0	0		0

Laboratory and Support Spaces Notes

†: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
 *The Existing SF columns are to be used in projects where there are to be building additions or renovations.

Laboratory and Support Spaces Worksheet				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Animal Science and Management	A2			
Laboratory (small animal)			1000	0
Pet shop			1200	0
Clinic			350	0
Grooming			350	0
Animal Room			200	0
Animal Room			600	0
Kennel			250	0
Career Paths for the Law Profession	P0			
Laboratory			1200	0
Weight Room			800	0
Interrogation Room			150	0
Clinical Health Care Services	J1			
Laboratory			1200	0
Training Restroom			120	0
Laundry Room			120	0
Cosmetology	M1			
Laboratory			1600	0
Dispensary			175	0
Laundry Room			150	0
Facial Room			200	0
Manicure Room			200	0
Customer Toilet			60	0
Criminal Justice	P1			
Laboratory			1200	0
Weight Room			800	0
Interrogation Room			150	0
Culinary and Food Service Operations	L0			
Laboratory			1800	0
Restaurant			1500	0
Dry Storage			150	0
Total Program Type 4 (Page 1)		0		0

Laboratory and Support Spaces Notes
Notes:
1: One classroom space is to be allocated for every two program spaces (fractions thereof) in types 4 through 7

Laboratory and Support Spaces Worksheet				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Dental Assistant	J3			
Laboratory			1500	0
X-ray Room			80	0
Darkroom			80	0
Diagnostic Pathway	J5			
Laboratory			1200	0
Exam Room			200	0
Firefighting and Emergency Medical Services	P6			
Laboratory			1500	0
Weight Room			800	0
Fire Fighter Training	P4			
Laboratory			1500	0
Weight Room			800	0
Media Arts	B0			
Laboratory			1500	0
Media Arts Control Room/Edit			450	0
Vestibule			84	0
Medical Assistant	JB			
Laboratory			1200	0
Training Restroom			120	0
Laundry Room			120	0
Nurse Assisting	JD			
Laboratory			1200	0
Training Restroom			120	0
Laundry Room			120	0
Optometric Occupations	JE			
Laboratory			1200	0
Exam Room			100	0
Patient Care Technician	JF			
Laboratory			1500	0
Training Restroom			120	0
Laundry Room			120	0
Performing Arts	B1			
Laboratory			1500	0
Practice Room			150	0
Private Security	P5			
Laboratory			1200	0
Weight Room			800	0
Interrogation Room			150	0
Surgical Technology	JK			
Laboratory			1000	0
Operating Room			800	0
Instrument Room			700	0
Scrub Room			500	0
Total Lab Spaces (Page 1 & 2)		0		
Related Space				
CT-P4-2 Classroom			900	0
CT-P4-3 Office			120	0
CT-P4-4 Storage			200	0
CT-P4-5 Changing Room			490	0
Total Program Type 4 (Page 1)				0
Total Program Type 4 (Page 1 & 2)				0

See Note 1

Laboratory and Support Spaces Notes
Notes:
1: One classroom space is to be allocated for every two program spaces (fractions thereof) in types 4 through 7

The following lists all of the programs within Type 5 with the laboratory space requirements as well as the related space requirements. In this example of a 600 student Career-Technical School, it is indicated that four programs are being offered.

EXAMPLE				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Agribusiness and Production	A0			
Laboratory			4500	0
Greenhouse			1000	0
Auto Specialization	T2		3500	0
Brick, Block, and Cement Masonry	D0		3500	0
Building and Property Maintenance	D1	1	3000	3000
Building Technology	D2		3000	0
Custodial Services	D6	2	2500	5000
Electrical Trades	D7		3000	0
Environmental Control Technologies	D8	0	3000	0
Heavy Equipment Operations	D9	0	4500	0
Integrated Systems Technology	R2		3500	0
Interior Design Applications	DA		3000	0
Manufacturing Design and Development	R3		4500	0
Natural Resource Management	A6			
Laboratory			3000	0
Greenhouse			1000	0
Plumbing and Pipefitting	DB		3000	0
Power Equipment Technology	T8		3500	0
Power Transmission	F4		3500	0
Welding and Cutting	R6	1	3500	3500
Total Lab Spaces		4		
Related Space				
CT-P5-2 Classroom		2	900	1800
CT-P5-3 Office		4	120	480
CT-P5-4 Storage		4	200	800
CT-P5-5 Changing Room		1	900	900
CT-P5-6 Tool Crib		4	550	2200
CT-P5-7 Reference Room		4	200	800
CT-P5-8 Toilet Room		4	68	272
Total Program Type 5				18,752

See Note 1

See Note 2

Laboratory and Support Spaces Notes
Notes:
1: One classroom space to be allocated for every two program spaces (or fraction thereof) of types 4 through 7.
2: Square footage of changing room determined by total number of approved programs types 5, 6, and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P6

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students			Students Type A & C			OSDM Recommendation		
		New			Existing*			TOTAL		
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Manufacturing Occupations	R7									
Laboratory			3500	0			0	0	varies	0
CNC Room			900	0			0	0	varies	0
Inspection Room			150	0			0	0	varies	0
Mechanical, Electrical, and Plumbing	DE									
Laboratory			3000	0			0	0	varies	0
CADD Room			400	0			0	0	varies	0
Medium/Heavy Truck Technician	T7									
Laboratory			6000	0			0	0	varies	0
Engine Storage			800	0			0	0	varies	0
Flammable Material Storage			60	0			0	0	varies	0
Machine Room			900	0			0	0	varies	0
Precision Machining	R5									
Laboratory			3500	0			0	0	varies	0
CNC Room			900	0			0	0	varies	0
Inspection Room			150	0			0	0	varies	0
Structural Systems	DD									
Laboratory			3000	0			0	0	varies	0
CADD Room			400	0			0	0	varies	0
Wood Product Technologies	DC									
Laboratory			3000	0			0	0	varies	0
Finishing Room			500	0			0	0	varies	0
Material Storage			800	0			0	0	varies	0
Total Lab Spaces		0			0			0		
Related Space - List per Program add rows as needed	Note 1									
CT-P6-2 Related Classroom			900	0			0	0	varies	0
CT-P6-3 Office			120	0			0	0	varies	0
CT-P6-5 Changing Room			270	0			0	0	varies	0
CT-P6-4 Storage	Note 2		200	0			0	0	varies	0
CT-P6-6 Tool Crib			550	0			0	0	varies	0
CT-P6-7 Reference Room			200	0			0	0	varies	0
CT-P6-8 Toilet Room			68	0			0	0	varies	0
Total Program Type 6 (Page 1)				0			0			0
Total Program Type 6 (Page 1 & 2)				0			0			0

Laboratory and Support Spaces Notes

- One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
 - Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.
- *The Existing SF columns are only to be used in projects where there are to be building additions

The following lists all of the programs within Type 6 with the laboratory space requirements as well as the related space requirements. In this example of a 600 student Career-Technical School, it is indicated that three programs are being offered.

EXAMPLE				
Laboratory Space	CTE Program Code	Qty	SF	Area
Auto Collision Repair	T1			
Laboratory			5000	0
Auto Parts Storage			300	0
Auto Technology	T3			
Laboratory			5000	0
Engine Storage			800	0
Machine Room			900	0
Flammable Material Storage			60	0
Carpentry	D3			
Laboratory			4000	0
Finishing Room			500	0
Material Storage			800	0
Construction - Management	D5			
Laboratory			3000	0
CADD Room			400	0
Construction - Design / Build	D4			
Laboratory			3000	0
CADD Room			400	0
Construction Design and Management	DF			
Laboratory			3000	0
CADD Room			400	0
Engineering Technology	F3			
Laboratory			1500	0
CADD Room			400	0
Food Science and Technology	A4			
Laboratory			2000	0
Freezer			400	0
Cooler			400	0
Retail			400	0
Ground Transportation	T9			
Laboratory			5000	0
Engine Storage			800	0
Machine Room			900	0
Flammable Material Storage			60	0
Horticulture	A5			
Laboratory			2000	0
Retail			400	0
Greenhouse			3000	0
Industrial Power Technology	A1			
Laboratory			5000	0
Engine Storage			1000	0
Flammable Material Storage			200	0
Total Program Type 6 (Page 1)		0		0

Laboratory and Support Spaces Notes

Notes:

- 1: One classroom space to be allocated for every two program spaces (or fraction thereof) of types 4 through 7.
- 2: Square footage of changing room determined by total number of approved programs types 5, 6, and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.

The following lists all of the programs within Type 6 with the laboratory space requirements as well as the related space requirements. In this example of a 600 student Career-Technical School, it is indicated that three programs are being offered.

EXAMPLE				
Laboratory Space	CTE Program Code	Qty	SF	Area
Manufacturing Operations	R7			
Laboratory			3500	0
CNC Room			900	0
Inspection Room			150	0
Mechanical, Electrical, and Plumbing	DE			
Laboratory			3000	0
CADD Room			400	0
Medium/Heavy Truck Technician	T7			
Laboratory			6000	0
Engine Storage			800	0
Flammable Material Storage			60	0
Machine Room			900	0
Precision Machining	R5			
Laboratory			3500	0
CNC Room			900	0
Inspection Room			150	0
Structural Systems	DD			
Laboratory			3000	0
CADD Room			400	0
Wood Product Technology	DC			
Laboratory			3000	0
Finishing Room			500	0
Material Storage			800	0
Total Lab Spaces (Page 1 & 2)		0		
Related Space - List per Program add rows as needed				
CT-P6-2 Related Classroom		2	900	1800
CT-P6-3 Office		3	120	360
CT-P6-4 Storage		3	200	600
CT-P6-5 Changing Room		1	675	675
CT-P6-6 Tool Crib		3	550	1650
CT-P6-7 Reference Room		3	200	600
CT-P6-8 Toilet Room		3	68	204
Total Program Type 6 (Page 1)				0
Total Program Type 6 (Page 1 & 2)				5,889

Laboratory and Support Spaces Notes
Notes:
1: One classroom space to be allocated for every two program spaces (or fraction thereof) of types 4 through 7.
2: Square footage of changing room determined by total number of approved programs types 5, 6, and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.

Laboratory and Support Spaces Worksheet				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Auto Collision Repair	T1			
Laboratory			5000	0
Auto Parts Storage			300	0
Auto Technology	T3			
Laboratory			5000	0
Engine Storage			800	0
Machine Room			900	0
Flammable Material Storage			60	0
Carpentry	D3			
Laboratory			4000	0
Finishing Room			500	0
Material Storage			800	0
Construction - Management	D5			
Laboratory			3000	0
CADD Room			400	0
Construction - Design / Build	D4			
Laboratory			3000	0
CADD Room			400	0
Construction Design and Management	DF			
Laboratory			3000	0
CADD Room			400	0
Engineering Technology	F3			
Laboratory			1500	0
CADD Room			400	0
Food Science and Technology	A4			
Laboratory			2000	0
Freezer			400	0
Cooler			400	0
Retail			400	0
Ground Transportation	T9			
Laboratory			5000	0
Engine Storage			800	0
Machine Room			900	0
Flammable Material Storage			60	0
Horticulture	A5			
Laboratory			2000	0
Retail			400	0
Greenhouse			3000	0
Industrial Power Technology	A1			
Laboratory			5000	0
Engine Storage			1000	0
Flammable Material Storage			200	0
Total Program Type 6 (Page 1)		0		0

Laboratory and Support Spaces Notes
Notes:
1: One classroom space to be allocated for every two program spaces (or fraction thereof) of types 4 through 7.
2: Square footage of changing room determined by total number of approved programs types 5, 6, and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.

Laboratory and Support Spaces Worksheet				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Manufacturing Operations	R7			
Laboratory			3500	0
CNC Room			900	0
Inspection Room			150	0
Mechanical, Electrical, and Plumbing	DE			
Laboratory			3000	0
CADD Room			400	0
Medium/Heavy Truck Technician	T7			
Laboratory			6000	0
Engine Storage			800	0
Flammable Material Storage			60	0
Machine Room			900	0
Precision Machining	R5			
Laboratory			3500	0
CNC Room			900	0
Inspection Room			150	0
Structural Systems	DD			
Laboratory			3000	0
CADD Room			400	0
Wood Product Technologies	DC			
Laboratory			3000	0
Finishing Room			500	0
Material Storage			800	0
Total Lab Spaces (Page 1 & 2)		0		
Related Space - List per Program add rows as needed				
CT-P6-2 Related Classroom	Note 1		900	0
CT-P6-3 Office			120	0
CT-P6-4 Storage			200	0
CT-P6-5 Changing Room	Note 2	See Type 5		
CT-P6-6 Tool Crib			550	0
CT-P6-7 Reference Room			200	0
CT-P6-8 Toilet Room			68	0
Total Program Type 6 (Page 1)				0
Total Program Type 6 (Page 1 & 2)				0

Laboratory and Support Spaces Notes
Notes:
1: One classroom space to be allocated for every two program spaces (or fraction thereof) of types 4 through 7.
2: Square footage of changing room determined by total number of approved programs types 5, 6, and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.

The following lists all of the programs within Type 7 with the laboratory space requirements as well as the related space requirements. In this example of a 600 student Career-Technical School, it is indicated that no programs are being offered.

EXAMPLE				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Aircraft Maintenance	T0			
Laboratory			13000	0
Cleaning Room			400	0
Parts Storage			300	0
Hazardous Materials Storage			60	0
Paint Storage			60	0
Air Transportation	TA			
Laboratory			13000	0
Cleaning Room			400	0
Hazardous Materials Storage			60	0
Paint Storage			60	0
Animal Science & Management - Equine	A2			
Laboratory			8000	0
Stables			6800	0
Total Lab Spaces		0		
Related Space				
CT-P7-2 Classroom			900	0
CT-P7-3 Office			120	0
CT-P7-4 Storage			200	0
CT-P7-5 Changing Room		See Type 5		
CT-P7-6 Tool Crib			550	0
CT-P7-7 Reference Room			200	0
CT-P7-8 Toilet Room			68	0
Total Program Type 7				0

See Note 1

See Note 3

See Note 2

Laboratory and Support Spaces Notes
Notes:
1: One classroom space to be allocated for every two program spaces (or fraction thereof) of types 4 through 7.
2: Support will be provided for only the first 10,000 SF for any one program.
3: Square footage of changing room determined by total number of approved programs types 5, 6, and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.

CHAPTER 2: BRACKETING

Laboratory and Support Spaces Worksheet				
Laboratory Space	CTE Program Code	Quantity	SF	Area
Aircraft Maintenance	T0			
Laboratory			13000	0
Cleaning Room			400	0
Parts Storage			300	0
Hazardous Materials Storage			60	0
Paint Storage			60	0
Air Transportation	TA			
Laboratory			13000	0
Cleaning Room			400	0
Hazardous Materials Storage			60	0
Paint Storage			60	0
Animal Science & Management - Equine	A2			
Laboratory			8000	0
Stables			6800	0
Total Lab Spaces		0		
Related Space				
CT-P7-2 Classroom			900	0
CT-P7-3 Office			120	0
CT-P7-4 Storage			200	0
CT-P7-5 Changing Room		See Type 5		
CT-P7-6 Tool Crib			550	0
CT-P7-7 Reference Room			200	0
CT-P7-8 Toilet Room			68	0
Total Program Type 7				0

See Note 1

See Note 3

See Note 2

Laboratory and Support Spaces Notes
Notes:
1: One classroom space to be allocated for every two program spaces (or fraction thereof) of types 4 through 7.
2: Support will be provided for only the first 10,000 SF for any one program.
3: Square footage of changing room determined by total number of approved programs types 5, 6, and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.

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Introduction:

This page is meant to provide the School District and Design Professional with a simple tool for completing a Program of Requirements for a Comprehensive PK-12 School including Career Technical Programs. Please follow the directions found below and fill in the "yellow" cells.

Please indicate in the yellow cells the projected number of students in each type.

This information can be found in the Master Plan or the district's enrollment projections.

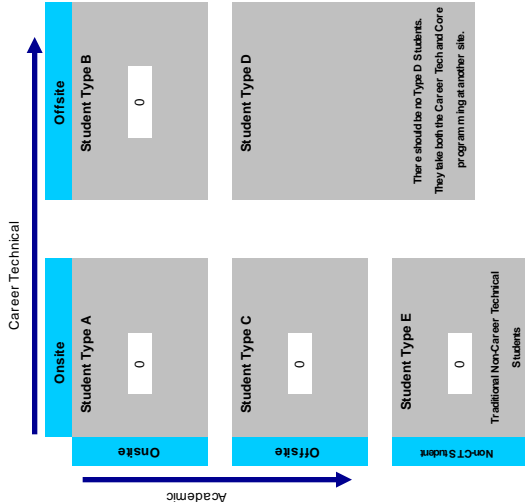
The following table is to clarify the connection/labeling between the Enrollment Projection report and the Career Tech PORs.

Note that when the school is a Comp HS the emphasis is on the location of the CT Student.

When the school is a JVS or Coop school the emphasis is on the location of the Academic student.

For example a Type B - CT Off-site Comp HS student is a student that has academic programs on-site and CT programs off-site. A Type B - Acad On-site JVS student is a student that has academic programs on-site and CT off-site.

Grade	Career Tech Students				Non-CT	
	A	B	C	E	Totals	
PK-5						0
6-8						0
9-12						0
Total	0	0	0	0	0	0



Comp HSSchool - Relates to location of CT Students	
Type A - Fulltime	Acad On-site + CT On-site of Comp HS
Type B - CT Off-site	Acad On-site + CT Off-site of Comp HS
Type C - CT On-site	Acad Off-site + CT On-site of Comp HS

JVSCompact School - Relates to location of Academic Student	
Type A - Fulltime	Acad On-site + CT On-site of JVS
Type B - Acad On-site	Acad On-site + CT Off-site of JVS
Type C - Acad Off-site	Acad Off-site + CT On-site of JVS

All student descriptions are in relation to the school being programmed.

Student Type A - Comprehensive Career-Technical Student/Full Time Career Technical Student (Grades 11-12)

Spends entire day at school attending academics and career-technical programming.

Student Type B - Career-Technical Off-Site Student (Grades 11-12)

Attends academic courses at the school and attends career-technical courses at another location, i.e. JVS, comprehensive high school in another district, etc.

Student Type C - Career-Technical On-Site Student (Grades 11-12)

Attends career-technical courses at the school and attends academics at another location, i.e., high school in another district or high school within the same district.

Student Type D - Full Time Career-Technical Student-Attends all classes off site.

Attends both academic and career-technical courses at a site other than the home high school.

Student Type E - Does not participate in career technical programming. (PK-12 Grades)

Does not participate in Career Technical programming.

CHAPTER 2: BRACKETING

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CHAPTER 2: BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS				used for this example:
Space	Qty	SF	Area	
E-AC-1 Pre-Kindergarten Classroom	1	1,200	1,200	300 ES students
E-AC-1 Kindergarten Classroom	1	1,200	1,200	150 MS students
E-AC-2 Pre-Kindergarten Restroom	1	60	60	200 HS students
E-AC-2 Kindergarten Restroom	1	60	60	
E-AC-3 Elementary Classroom	10	900	9,000	
E-AC-4 Science/Computer Lab	0	1,000	0	See Note 2
E-AC-5 Teacher Prep Area/Workroom	1	300	300	
E-AC-6 Individual Restroom	1	60	60	
E-AC-7 Instructional Material Storage	1	200	200	See Note 3
E-AC-8 Small Group Room	0	150	0	See Note 4
E-AC-9 Multi-use Studio	0	1,500	0	See Note 4
E-AC-10 Kinesthetic Learning Studio	1	1,200	1,200	See Note 4
M-AC-1 Middle School Classroom	3	900	2,700	
M-AC-2 Project Laboratory	1	1,000	1,000	
M-AC-3 Sci/Tech/Eng/Math/Computer Lab	0	1,000	0	See Note 2
M-AC-4 Teacher Prep Area/Workroom	1	300	300	
M-AC-5 Individual Restroom	1	60	60	
M-AC-6 Instructional Material Storage	1	200	200	See Note 3
M-AC-7 Small Group Room	0	150	0	See Note 4
M-AC-7a Small Group Room	0	150	0	See Note 4
M-AC-8 Multi-use Studio	0	1,500	0	See Note 4
M-AC-9 Kinesthetic Learning Studio	0	1,200	0	See Note 4
H-AC-1 High School Classroom	4	900	3,600	
H-AC-2 Science Classroom - General Physics	1	1,000	1,000	
H-AC-3 Science Classroom - Chemistry	1	1,000	1,000	
H-AC-4 Science Classroom - Biology	0	1,200	0	
H-AC-5 Science Prep	1	300	300	See Note 1
H-AC-6 Teacher Prep Area/Workroom	1	300	300	See Note 2
H-AC-7 Individual Restroom	1	60	60	
H-AC-8 Project Classroom	0	1,100	0	
H-AC-9 Small Group Room	0	150	0	
H-AC-10 Instructional Material Storage	0	50	0	See Note 3
H-AC-11 Multi-Use Room	0	1,500	0	
H-AC-12 Science Laboratory	0	1,000	0	
H-AC-9a Small Group Room	0	150	0	See Note 4
H-AC-13 Multi-use Studio	0	1,500	0	See Note 4
H-AC-14 Kinesthetic Learning Studio	0	1,200	0	See Note 4
Academic Core Total			23,800	

Square Footage Allowance Notes			
Enroll	1	2	3
350-450	300	300	50
451-600	300	300	100
601-1200	400	400	150
1201-1600	400	600	200

Student capacity determines SF

Academic Core Notes	
Number	Notes:
4	These spaces are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are: E-AC-6, M-AC-7a, H-AC-9a=150 SF. E/M/H Multi-use Studio=1500 SF. E/M/H Kinesthetic Studio=1200 SF.

CAREER TECHNICAL PROGRAM SPACE EXAMPLE							
Space	Qty	SF	Area	400 Students	600 Students	800 Students	1000 Students
CT-AC-1 Academic classroom	7	900	6,300	13	900	11,700	22
CT-AC-2 Computer room	1	1,200	1,200	1	1,200	1,200	2
CT-AC-3 General Science/Physics	1	1,200	1,200	1	1,200	1,200	2
CT-AC-4 Biology	1	1,200	1,200	1	1,200	1,200	2
CT-AC-5 Chemistry	1	1,200	1,200	1	1,200	1,200	1
CT-AC-6 Science Prep	1	300	300	2	300	600	3
CT-AC-7 Teacher Prep Area/Workroom	3	300	900	4	300	1,200	4
CT-AC-8 Individual restroom	2	60	120	2	60	240	4
CT-AC-9 Small group room	2	140	280	2	140	280	3
CT-AC-10 Instructional Material Storage	4	50	200	4	75	300	4
CT-AC-11 Multipurpose room	1	1,500	1,500	1	1,500	1,500	1
CT-AC-12 Science Laboratory	0	1,000	0	0	1,000	0	0
Academic Core Total			14,400		20,500		26,850
							33,330

See Note 1
See Note 2
See Note 3

CHAPTER 2: BRACKETING

Elementary School Grades PK-5 Students	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Square Footage Allowance Notes				
Enroll	1	2	3	
350-450	300	300	300	50
451-500	300	300	300	100
501-600	400	400	400	150
601-700	400	400	400	200
Student capacity determines SF				

School District Name, School Building Name
SPECIAL EDUCATIONAL/STUDENT SERVICES SPACES
Comp K-12/CT - SE

CHAPTER 2: BRACKETING

The following are examples of a Comprehensive K-12 School including Career Technical Programs.
The examples are intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
E/MH-SE-1 Self-contained Classroom	1	900	900
E/MH-SE-2 Workroom/Conference	1	150	150
E/MH-SE-3 Restroom/Shower	1	100	100
E/MH-SE-4 Special Education/Resource	1	900	900
E/MH-SE-5 Small Self-contained Classroom	1	600	600
Spec. Ed./Student Services Total		2,650	

Note: Special Education spaces are determined by using the bracketing table for each type of student.

PROGRAM SPACE EXAMPLE													
Space	400 Students			600 Students			800 Students			1000 Students			
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
CT-SE-1 Classroom	1	900	900	1	900	900	2	900	1,800	2	900	1,800	
CT-SE-2 Workroom/conference	1	150	150	1	150	150	2	150	300	2	150	300	
CT-SE-3 Restroom/shower	1	100	100	1	100	100	1	100	100	1	100	100	
CT-SE-4 Career Technical Evaluation	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200	
CT-SE-5 Career Technical Office	1	120	120	1	120	120	1	120	120	2	120	240	
CT-SE-6 Small group room	1	360	360	1	360	360	1	360	360	1	360	360	
CT-SE-7 Job training Office	1	120	120	1	120	120	2	120	240	2	120	240	
CT-SE-8 Resource room	1	900	900	1	900	900	1	900	900	1	900	900	
CT-SE-9 Storage	1	150	150	1	150	150	1	150	150	1	150	150	
Spec. Ed./Student Services Total			4,000			4,000			5,170			5,290	

Elementary School Grades PK-5 Students	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Sp. Ed./Stud. Svcs. Worksheet											
0 ES, MS, HS students - Students Type E				0 HS students - Students Type A & B				0 COMBINED TOTAL			
New		Existing		New		Existing		TOTAL		TOTAL	
Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E/MH/CT-SE-1 Self-contained Classroom	900	0	0	0	0	0	0	0	0	0	0
E/MH/CT-SE-2 Workroom/Conference	150	0	0	0	0	0	0	0	0	0	0
E/MH/CT-SE-3 Restroom/shower	100	0	0	0	0	0	0	0	0	0	0
E/MH-SE-4/CT-SE-5 Resource room	900	0	0	0	0	0	0	0	0	0	0
E/MH-SE-5 Small Self-Contained Classroom	600	0	0	0	0	0	0	0	0	0	0
CT-SE-4 Career Technical Evaluation											
CT-SE-5 Career Technical Office											
CT-SE-6 Small group room											
CT-SE-7 Job training Office											
CT-SE-9 Storage											
Spec. Ed./Student Services Total	0		0		0		0		0		0

OSDM Recommendation			See Note 1	See Note 2	See Note 3
Qty	SF	Area			
	900	0			
	150	0			
	100	0			
	900	0			
	900	0			
	1,200	0			
	120	0			
	360	0			
	120	0			
	150	0			
		0			

Special Education Notes	
Number	Notes:
1	Self-contained classroom(s) could house various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.
2	Workroom/Conference could house orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.
3	Special Education Resource could house cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic, brain injury, learning disability, deaf/blindness, etc.
.	See Chapter 1, Section 1110 for more information. The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2. BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
E/MH-AD-1 Reception Area	1	300	See Note 1
E/MH-AD-2 Secretarial Area	1	250	See Note 2
E/MH-AD-3 Principal's Office	1	150	
E/MH-AD-4 Assistant Principal's Office	1	120	
E/MH-AD-5 Conference Room	1	250	
E/MH-AD-6 Mail/Work/Copy Room	1	200	See Note 3
E/MH-AD-7 Administrative Storage	1	75	See Note 4
E/MH-AD-8 Vault/Records Storage	1	100	See Note 5
E/MH-AD-9 In-school Suspension	1	300	See Note 10
E/MH-AD-10 Restroom	2	60	
E/MH-AD-11 Guidance Counselor's Office	2	120	
E/MH-AD-12 Guidance Records/Storage	1	75	See Note 6
E/MH-AD-13 Guidance Conference Room	1	200	See Note 7
E/MH-AD-14 Parent/Volunteer Room	0	225	See Note 8
E/MH-AD-15 Health Clinic (includes restroom)	1	345	See Note 9
E/MH-AD-16 Itinerant Personnel Office	1	120	
E/MH-AD-17 Guidance Conf. & Career Ctr.	1	140	See Note 11
CT-AD-5 Supervisor's office	0	120	
CT-AD-6 Coordinator's office	0	120	
Administrative Total			2,985

Note: Non-career technical students and career technical students are combined to determine the bracketing.

Elementary School Grades PK-5 Student	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Students	0

Administrative Worksheet									
0 ES, MS, HS students - COMBINED									
Space	Qty	SF	Area	Qty	SF	Area	Existing*	Qty	SF
E/MH/CT-AD-1 Reception area	200	0		0	0	varies	0	0	varies
E/MH/CT-AD-2 Secretarial space	200	0		0	0	varies	0	0	varies
E/MH/CT-AD-3 Director/Principal's office	150	0		0	0	varies	0	0	varies
E/MH/CT-AD-4 Asst. Dir./Principal office	120	0		0	0	varies	0	0	varies
E/MH-AD-5/CT-AD-7 Conference room	250	0		0	0	varies	0	0	varies
E/MH-AD-6/CT-AD-8 Mail/work/copy room	200	0		0	0	varies	0	0	varies
E/MH-AD-7/CT-AD-9 Administrative Storage	150	0		0	0	varies	0	0	varies
E/MH-AD-8/CT-AD-10 Vault/records	85	0		0	0	varies	0	0	varies
E/MH-AD-10/CT-AD-11 Restroom	60	0		0	0	varies	0	0	varies
E/MH-AD-11/CT-AD-12 Guidance counselor	120	0		0	0	varies	0	0	varies
E/MH-AD-12/CT-AD-13 Guidance records/storage	100	0		0	0	varies	0	0	varies
E/MH-AD-13/CT-AD-14 Guidance conference	150	0		0	0	varies	0	0	varies
E/MH-AD-14/CT-AD-15 Parent/volunteer	200	0		0	0	varies	0	0	varies
E/MH-AD-15/CT-AD-16 Health clinic (includes restroom)	400	0		0	0	varies	0	0	varies
E/MH-AD-16/CT-AD-17 Itinerant personnel	120	0		0	0	varies	0	0	varies
E/MH-AD-09/CT-AD-18 In-school suspension	200	0		0	0	varies	0	0	varies
E/MH-AD-17 Guidance Conf. & Career Ctr.	300	0		0	0	varies	0	0	varies
CT-AD-5 Supervisor's office	120	0		0	0	varies	0	0	varies
CT-AD-6 Coordinator's office	120	0		0	0	varies	0	0	varies
Administrative Total				0	0		0	0	

OSDM Recommendation			
Qty	SF	Area	
0	200	0	See Note 1
0	200	0	See Note 2
0	150	0	
0	120	0	
0	250	0	
0	200	0	See Note 3
0	150	0	See Note 4
0	85	0	See Note 5
0	60	0	
0	120	0	
0	100	0	See Note 6
0	150	0	See Note 7
0	200	0	See Note 8
0	400	0	See Note 9
0	120	0	
0	200	0	See Note 10
0	120	0	See Note 11
0	120	0	

Administrative Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

Administrative Notes										
Student Enrollment	1	2	3	4	5	6	7	8	9	10
350-450 Students	200	200	150	85	100	150	200	400	200	300
451-600 Students	400	400	300	150	115	100	200	300	450	325
601-800 Students	500	500	200	145	200	250	400	500	450	500
801-1200 Students	600	600	500	200	175	200	250	400	550	575
Enrollment determines SF allowed										

School District Name, School Building Name
MEDIA CENTER SPACES
Comp K-12/CT - MC

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs. The example is intended to assist in the development of the summary of spaces.

Elementary SF Allowance Note	
Student Enrollment	2
350-400 Students	190
401-550 Students	250
551-700 Students	340
Enroll. Determines SF Allowed	

Middle or K-6 SF Allowance Notes	
Student Enrollment	4
350-450 Students	150
451-600 Students	233
601-750 Students	340
Enrollment Determines SF Allowed	

High or K-12 or 6-12 SF Allowance Notes			
Student Enrollment	8	9	10
350-450 Students	300	200	160
451-800 Students	400	300	260
801-1200 Students	500	300	280
1201-1600 Students	600	400	330
Enrollment Determines SF Allowed			

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
E-VA-1 Elementary Art Room	1	1,200	1,200
E-VA-2 Kiln/Ceramic Storage	1	100	100
E-VA-3 Art Material Storage	0	100	0
M-VA-1 Middle School Art Room	0	1,200	0
M-VA-2 Kiln/Ceramic Storage	0	100	0
M-VA-3 Art Material Storage	0	100	0
H-VA-1 High School Art Room	1	1,200	1,200
H-VA-2 Kiln/Ceramic Storage	1	100	100
H-VA-3 Art Material Storage	1	200	200
Visual Arts Total			2,800

Visual Art SF Allowance Notes		
Student Enrollment	1	2
350-450 Students	1200	100
451-800 Students	1200	200
Above 801 Students	1400	200
Enrollment Determines SF Allowed		

Middle SF Allowance Notes	
Student Enrollment	4
350-450 Students	100
451-600 Students	150
Above 601 Students	200
Enrollment Determines SF Allowance	

Elementary SF Allowance Notes	
Student Enrollment	3
350-400 Students	100
401-550 Students	125
Above 551 Students	150
Enrollment Determines SF Allowed	

HS SF Allowance Notes	
Student Enrollment	5
350-450 Students	200
Above 451 Students	300
Enrollment Determines SF Allowance	

Note: Only non-career technical students are used to determine the bracketing.

Elementary School Grades PK-5 Students	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Visual Art Worksheet		0 ES, MS, HS students - Students Type E				OSDM Recommendation	
Space		New		Existing*		TOTAL	
		Qty	SF	Area	Qty	SF	Area
E-VA-1 Elementary Art Room		1,200	0	0	0	varies	0
E-VA-2 Kiln/Ceramic Storage		100	0	0	0	varies	0
E-VA-3 Art Material Storage		100	0	0	0	varies	0
M-VA-1 Middle School Art Room		1,200	0	0	0	varies	0
M-VA-2 Kiln/Ceramic Storage		100	0	0	0	varies	0
M-VA-3 Art Material Storage		100	0	0	0	varies	0
H-VA-1 Art Room		1,200	0	0	0	varies	0
H-VA-2 Kiln/Ceramic Storage		100	0	0	0	varies	0
H-VA-3 Art Material Storage		200	0	0	0	varies	0
Visual Arts Total			0	0			0

Visual Art Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
MUSIC SPACES
Comp K-12/CT - MU

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs.
 The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
E-MU-1 Music Room	1	1,200	1,200
M-MU-1 Instrumental Room	0	1,400	0
M-MU-2 Vocal Room	0	1,200	0
M-MU-3 Music Library	1	200	200
H-MU-1 Instrumental Room	1	1,800	1,800
H-MU-2 Instrument Storage	1	325	325
H-MU-3 Orchestra Storage	0	200	0
H-MU-4 Instrumental Music Office/Library	0	120	0
H-MU-5 Uniform Storage	1	150	150
H-MU-6 Vocal Room	0	1,200	0
H-MU-7 Vocal Storage	0	150	0
H-MU-8 Vocal Music Office/Library	0	120	0
H-MU-9 Ensemble Room	1	200	200
H-MU-10 Practice Room	1	80	80
Music Total			3,955

Middle SF Allowance Notes	
Student Enrollment	1
350-450 Students	1400
451-650 Students	1500
Above 651 Students	1600
Enrollment Determines SF Allowed	

HS or 6-12 SF Allowance Notes							
Student Enrollment	2	3	4	5	6	7	8
350-450 Students	1800	400	200	150	1200	150	200
451-800 Students	2000	500	250	200	1200	200	300
801-1200 Students	2500	600	250	300	1200	300	300
1201-1600 Students	3000	700	350	300	1500	300	300
Enrollment Determines SF Allowed							

Note: Only non-career technical students are used to determine the bracketing.

Elementary School Grades PK-5 Student	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Music Worksheet		0 ES, MS, HS students - Students Type E				OSDM	
Space	Qty	New		Existing*		Recommendation	
		Qty	SF	Qty	SF	Qty	SF
E-MU-1 Music Room		1,200	0	0	0	0	1,200
M-MU-1 Instrumental Room		1,400	0	0	0	0	1,400
M-MU-2 Vocal Room		1,200	0	0	0	0	1,200
M-MU-3 Music Library		200	0	0	0	0	200
H-MU-1 Instrumental Room		1,800	0	0	0	0	1,800
H-MU-2 Instrument Storage		400	0	0	0	0	400
H-MU-3 Orchestra Storage		200	0	0	0	0	200
H-MU-4 Instrumental Music Library		120	0	0	0	0	120
H-MU-5 Uniform Storage		150	0	0	0	0	150
H-MU-6 Vocal Room		1,200	0	0	0	0	1,200
H-MU-7 Vocal Storage		150	0	0	0	0	150
H-MU-8 Vocal Music Library		120	0	0	0	0	120
H-MU-9 Ensemble Room		200	0	0	0	0	200
H-MU-10 Practice Room		80	0	0	0	0	80
Music Total			0	0	0		0

E - 300 students
 See Note 1
 M - 150 students
 See Note 2
 See Note 3
 See Note 4
 See Note 5 - H - 200 students
 See Note 6
 See Note 7
 See Note 8

Music Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS				Tech. Ed. SF Allowance Notes	
Space	Qty	SF	Area	Student Enrollment	1
M-TE-1a Modular Technology Lab	1	1,300	1,300	350-450 Students	150
M-TE-1b Production Lab	0	1,300	0	451-1600 Students	200
M-TE-2 Storage	1	150	150	Enrollment Determines SF Allowed	
H-TE-1 Modular Technology Lab	1	1,800	1,800		
or					
H-TE-1a Ag-Ed Lab	0	1,800	0		
H-TE-2 Storage	1	100	100		
H-TE-3 CAD Lab	0	1,200	0		
H-TE-4 Production Lab	0	1,600	0		
Technology Education Total			3,350		

See Note 1

See Note 1

Note: Only non-career technical students are used to determine the bracketing.

Elementary School Grades PK-5 Stu	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Tech. Ed. Worksheet		0 ES, MS, HS students - Students Type E				OSDM Recommendation			
Space		New		Existing*		TOTAL		Qty	SF
		Qty	SF	Area	Qty	SF	Area		
M-TE-1a Modular Technology Lab			1,300	0	0	varies	0		1,300
M-TE-1b Production Lab			1,300	0	0	varies	0		1,300
M-TE-2 Storage			150	0	0	varies	0		150
H-TE-1 Modular Technology Lab			1,800	0	0	varies	0		1,800
or									
H-TE-1a Ag-Ed Lab			1,800	0	0	varies	0		1,800
H-TE-2 Storage			150	0	0	varies	0		150
H-TE-3 CADD Lab			1,200	0	0	varies	0		1,200
H-TE-4 Production Lab			1,600	0	0	varies	0		1,800
Technology Education Total				0	0		0		0

See Note 1

See Note 1

Technology Education Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
BUSINESS EDUCATION SPACES
Comp K-12/CT - BE

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs.
 The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS				Bus. Ed. SF Allowance Notes	
Space		Qty	SF	Area	Student Enrollment
H-BE-1	Computer and Business Classroom	0	1,200	0	1
H-BE-2	Marketing Classroom	0	900	0	100
H-BE-3	Workroom/Storage	0	100	0	200
Business Education Total				0	250
					300

See Note 1

Note: Only non-career technical students are used to determine the bracketing.

Elementary School Grades PK-5 Students	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Business Ed. Worksheet		0 ES, MS, HS students - Students Type E				OSDM Recommendation			
		New		Existing*		TOTAL			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF
H-BE-1	Computer and Business Classroom		1,200	0	0	varies	0	1,200	0
H-BE-2	Marketing Classroom		900	0	0	varies	0	900	0
H-BE-3	Workroom/Storage		100	0	0	varies	0	100	0
Business Education Total				0	0		0		0

See Note 1

Business Ed. Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

School District Name, School Building Name
FAMILY AND CONSUMER SCIENCE SPACES
Comp K-12/CT - FCS

The following is an example of a Comprehensive K-12 School including Career Technical Programs
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
M-FCS-1 Life Skills Lab	1	1,100	1,100	
M-FCS-2 Life Skills Storage	0	100	0	
H-FCS-1 Life Skills Lab	1	1,200	1,200	
H-FCS-2 Life Skills Storage	1	200	200	
H-FCS-3 Laundry	1	150	150	
H-FCS-4 Child Development	0	1,200	0	
Family and Consumer Science Total				2,650

See Note 1

F & C Sci. SF Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	250
801-1200 Students	300
1201-1600 Students	350
Enrollment Determines SF Allowed	

Note: Only non-career technical students are used to determine the bracketing.

Elementary School Grades PK-5 Students	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

F & C Sci. Worksheet		0 ES, MS, HS students - Students Type E										OSDM Recommendation			
		New			Existing*			TOTAL							
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area					
Space															
M-FCS-1	Life Skills Lab		1,100	0			0	0	varies	0		Qty	SF	Area	
M-FCS-2	Life Skills Storage		100	0			0	0	varies	0			100	0	
H-FCS-1	Life Skills Lab		1,200	0			0	0	varies	0			1,200	0	
H-FCS-2	Life Skills Storage		200	0			0	0	varies	0			200	0	
H-FCS-3	Laundry		150	0			0	0	varies	0			150	0	
H-FCS-4	Child Development		1,200	0			0	0	varies	0			1,200	0	
Family and Consumer Science Total				0			0								0

See Note 1

Family & Consumer Science Notes

*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
PHYSICAL EDUCATION SPACES
Comp K-12CT - PE

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS				Elementary School SF Allowance Notes			
Space	Qty	SF	Area	Student Enrollment	1	2	
E-PE-1 Gymnasium	0	3,500	0	See Note 1 - E - 300 Students			
E-PE-2 P. E. Workroom/Storage	0	200	0	See Note 2			
M-PE-1 Gymnasium	1	4,000	4,000	401-550 Students	3500	200	
M-PE-2 Auxiliary Gymnasium	0	0	0	551-700 Students	4000	300	
M-PE-3 P.E./Athletic Office	0	75	0	Enrollment Determines SF Allowed	4700	400	
M-PE-4 Staff Shower	0	75	0				
M-PE-5 Student Locker Room	0	600	0	See Note 4			
M-PE-6 Student Restroom/Shower	0	250	0	H - 200 students			
M-PE-7 Physical Education Storage	0	200	0	See Note 5			
H-PE-1 Gymnasium	1	9,300	9,300	See Note 6			
H-PE-2 Auxiliary Gymnasium	0	7,000	0	See Note 7			
H-PE-3 Auxiliary Locker Room	2	550	1,100	See Note 8			
H-PE-4 Student Restroom/Shower	2	200	400	See Note 9			
H-PE-5 Physical Education Storage	1	400	400	See Note 10			
H-PE-6 P.E./Athletic Office	2	75	150				
H-PE-7 Staff Shower	2	75	150				
H-PE-8 Athletic Director's Office	0	120	0				
H-PE-9 Lobby Services	1	100	100	See Note 11			
H-PE-10 Training Room	1	200	200	See Note 12			
H-PE-11 Physical Health Classroom	0	750	0	See Note 13			
H-PE-12 Multi-use P.E. Room	0	1,200	0	See Note 14			
Physical Education Total			15,800				

Note: Only non-career technical students are used to determine the bracketing.

Elementary School Grades PK-5 Stuc	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

MS or K-6 SF Allowance Notes				
Student Enrollment	3	4	5	
350-450 Students	7000	600	300	
451-600 Students	7500	600	325	
Above 601 Students	8000	650	500	
Enrollment Determines SF Allowed				

HS or K-12 or 6-12 SF Allowance Notes													
Student Enrollment	6	8	9	10	11	12	13	14					
350-450 Students	9200	550	200	400	100	200	750	1400					
451-600 Students	10700	650	250	500	200	300	1500	1400					
601-750 Students	12400	700	300	600	200	400	1500	1600					
751-1000 Students	14000	850	350	1000	200	500	2000	1800	Enrollment Determines SF Allowed				
1201-1600 Students													

Physical Education Notes	
7	Auxiliary Gym is 7,000 SF regardless of the number of students.
15	Auxiliary Gym may be selected for student enrollments above 1000 MS students.

PE Worksheet										OSDM Recommendation			
0 ES, MS, HS students - Students Type E		New		Existing*		TOTAL							
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-PE-1 Gymnasium		3,500	0	0	varies	0	0	varies	0	0	3,500	0	See Note 1 - E - 300 Students
E-PE-2 P. E. Workroom/Storage		200	0	0	varies	0	0	varies	0	0	200	0	See Note 2
M-PE-1 Gymnasium		7,000	0	0	varies	0	0	varies	0	0	7,000	0	See Note 3 - M - 150 Students
M-PE-2 Auxiliary Gymnasium		0	0	0	varies	0	0	varies	0	0	0	0	See Note 15
M-PE-3 P.E./Athletic Office		75	0	0	varies	0	0	varies	0	0	75	0	
M-PE-4 Staff Shower		75	0	0	varies	0	0	varies	0	0	75	0	
M-PE-5 Student Locker Room		600	0	0	varies	0	0	varies	0	0	600	0	See Note 4
M-PE-6 Student Restroom/Shower		250	0	0	varies	0	0	varies	0	0	250	0	H - 200 students
M-PE-7 Physical Education Storage		300	0	0	varies	0	0	varies	0	0	300	0	See Note 5
H-PE-1 Gymnasium		9,300	0	0	varies	0	0	varies	0	0	9,300	0	See Note 6
H-PE-2 Auxiliary Gymnasium		7,000	0	0	varies	0	0	varies	0	0	7,000	0	See Note 7
H-PE-3 Student Locker Room		550	0	0	varies	0	0	varies	0	0	550	0	See Note 8
H-PE-4 Student Restroom/Shower		200	0	0	varies	0	0	varies	0	0	200	0	See Note 9
H-PE-5 Physical Education Storage		400	0	0	varies	0	0	varies	0	0	400	0	See Note 10
H-PE-6 P.E./Athletic Office		75	0	0	varies	0	0	varies	0	0	75	0	
H-PE-7 Staff Shower		75	0	0	varies	0	0	varies	0	0	75	0	
H-PE-8 Athletic Director's Office		120	0	0	varies	0	0	varies	0	0	120	0	
H-PE-9 Lobby Services		100	0	0	varies	0	0	varies	0	0	100	0	See Note 11
H-PE-10 Training Room		200	0	0	varies	0	0	varies	0	0	200	0	See Note 12
H-PE-11 Physical Health Classroom		750	0	0	varies	0	0	varies	0	0	750	0	See Note 13
H-PE-12 Multi-use P.E. Room		1,400	0	0	varies	0	0	varies	0	0	1,400	0	See Note 14
Physical Education Total			0	0	0	0	0	0	0	0	0	0	

Physical Education Notes	
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.	

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs. The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E/M/H-SD-1 Student Dining	1	3,792	3,792	See Note 1
E/M/H-SD-2 Stage	1	1,000	1,000	See Note 2
E&M-SD-3/H-SD-7 Staff Dining	0	400	0	See Note 3
E&M-SD-4/H-SD-8 Table Storage	1	400	400	See Note 4
H-SD-3 Scene Shop and Storage	1	350	350	See Note 5
H-SD-4 Make-up/Dressing Rooms	2	200	400	See Note 6
H-SD-5 Theatrical Control Room	1	150	150	See Note 7
H-SD-6 Drama Storage	1	150	150	
H-SD-9/CT-SD-5 Family Restroom	1	80	80	
Student Dining Total			6,322	

Note: Non-career technical students and career technical students are combined to determine the bracketing.

Elementary School Grades PK-5 Students	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Students	0

Student Dining SF Allowance Notes			
Student Enrollment	3	4	
350-500 Students	250	300	
501-700 Students	400	400	
701-900 Students	550	500	
Above 901 Students	700	600	
Enrollment Determines SF Allowed			

High School SF Allowance Notes			
Student Enrollment	5	6	7
350-450 Students	400	200	200
451-800 Students	450	250	400
801-1200 Students	500	250	500
Above 1201 Students	600	300	600
Enrollment Determines SF Allowed			

Student Dining Worksheet									
Space		New		Existing*		TOTAL		OSDM Recommendation	
		Qty	SF	Area	Qty	SF	Area	Qty	SF
E/M/H/CT-SD-1 Student Dining		3,000	0	0	0	varies	0	0	See Note 1
E/M/H/CT-SD-2 Stage		1,000	0	0	0	varies	0	0	See Note 2
H-SD-7/CT-SD-3 Staff Dining		250	0	0	0	varies	0	0	See Note 3
H-SD-8/CT-SD-4 Table Storage		300	0	0	0	varies	0	0	See Note 4
H-SD-3 Scene Shop and Storage		400	0	0	0	varies	0	0	See Note 5
H-SD-4 Make-up/Dressing Rooms		200	0	0	0	varies	0	0	See Note 6
H-SD-5 Theatrical Control Room		200	0	0	0	varies	0	0	See Note 7
H-SD-6 Drama Storage		200	0	0	0	varies	0	0	
H-SD-9/CT-SD-5 Family Restroom		80	0	0	0	varies	0	80	0
Student Dining Total				0	0		0	0	0

Student Dining Notes	
Note 1: The size of the student dining space is equal to one-third of the student enrollment multiplied by 17.5 SF or 3000 SF, whichever is greater.	
Note 2: The size of the stage equals student enrollment multiplied by 2.0 SF or 1000 SF, whichever is greater.	
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.	

School District Name, School Building Name
FOOD SERVICE SPACES
Comp K-12/CT - FS

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs. The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS					Kitchen Area Sizes			
Food Service Area	Enroll	X	SF/Student	X				
Preparation Area	Enroll	X	3.5	X				
Serving Areas	Enroll	X	3.5	X				
Dry Food Storage	Enroll	X	3.5	X				
Cooler/ Freezer	Enroll	X	3.5	X				
Ware Washing Area	Enroll	X	3.5	X				
Warming Kitchen	Enroll	X	2.0					
Multiply Enrollment x SF/Student x % to achieve size of area								

Space	Qty	SF	Area	See Note 1 & Kit. Area Note
Warming Kitchen	0	1,300	0	See Note 1 & Kit. Area Note
Kitchen (total)	1	2,275	0	See Note 2
Preparation Area	1	819	0	See Kit. Area Note
Serving Area	1	774	0	See Kit. Area Note
Dry Food Storage	1	250	0	See Kit. Area Note
Cooler/Freezer	1	228	0	See Kit. Area Note
Ware Washing	1	205	0	See Kit. Area Note
Dietician Office	1	75	75	See Kit. Area Note
Restroom / Locker Room	1	140	140	See Kit. Area Note
Food Service Total			2,490	

Note: Non-career technical students and career technical students are combined to determine the bracketing.

Elementary School Grades PK-5 Students	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Students	0

Food Services Worksheet									
ES, MS, HS students - COMBINED									
Space		New				Existing*			
		Qty	SF	Area	Qty	SF	Area	Qty	Area
E/MH/CT-FS-0	Warming Kitchen		0	0					
E/MH/CT-FS-1	Kitchen (total)		0	0					
E/MH/CT-FS-1a	Preparation area		0	0					
E/MH/CT-FS-1b	Serving area		0	0					
E/MH/CT-FS-1c	Dry food storage		0	0					
E/MH/CT-FS-1d	Cooler/freezer		0	0					
E/MH/CT-FS-1e	Ware washing		75	0					
E/MH/CT-FS-2	Dietician Office		140	0					
E/MH/CT-FS-3	Restroom / Locker Room								
Food Service Total				0			0		0

OSDM Recommendation									
		Qty	SF	Area			Qty	SF	Area
			0	varies				0	0
			0	varies				0	0
			varies	varies				0	0
			varies	varies				0	0
			varies	varies				0	0
			varies	varies				0	0
			0	varies				0	0
			0	varies				75	0
			0	varies				140	0
			0	varies				0	0

Food Service Notes	
Number	Notes:
1	Only one of the two Kitchens is to be used - either E/MH/CT-FS-0 or E/MH/CT-FS-1 - not both.
2	The size of the kitchen is equal to the sum of preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.
*	The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive K-12 School including Career Technical Programs.
 The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 students				
Space	Qty	SF	Area	
E/M/H-CU-1 Workroom	1	400	400	See Note 1
E/M/H-CU-2 Custodial Office	1	100	100	
Custodial Total			500	

Cust. Spaces SF Allowance Notes	
Student Enrollment	1
Up to 400 Students	200
401-600 Students	300
Above 600 Students	400
Enrollment Determines SF Allowed	

Note: Non-career technical students and career technical students are combined to determine the bracketing.

Elementary School Grades PK-5	0
Middle School 6-8 Students	0
High School 9-12 Students	0
Total Students	0

Custodial Worksheet		ES, MS, HS students - COMBINED				OSDM Recommendation			
		New		Existing*		TOTAL			
Space		Qty	SF	Area	Qty	SF	Area	Qty	Area
E/M/H/CT-CU-1 Workroom			200	0			0		0
E/M/H/CT-CU-2 Custodial Office			100	0			0		0
Custodial Total				0			0		0

See Note 1

Custodial Spaces Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
BUILDING SERVICES SPACES
Comp K-12/CT - BS

The following is an example of a Comprehensive K-12 School including Career Technical Programs. The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 students ES, MS, HS, & On-site Career Tech Students-Combined			
Space	Qty	SF	Area
EM/HBS-1 Large Group Restrooms	2	2,470	2,470
EM/HBS-2 Custodial Closet	2	50	100
EM/HBS-3 Electrical Closet	2	50	100
EM/HBS-4 Telecommunications Room (TR)	2	64	128
EM/HBS-5 Corridors		14,116	14,116
EM/HBS-6 Mechanical Rooms/Decks		4,870	4,870
EM/HBS-7 Storage Area	1	200	200
EM/HBS-8 Central Storage Area	1	200	200
EM/HBS-9 Loading/Receiving Area	1	120	120
EM/HBS-10 Restroom	0	60	0
EM/HBS-11 Recycling Room	1	100	100
Building Services Total			22,405

Note: Non-career technical students and career technical students are combined to determine the bracketing.

Elementary School Grades PK-5 Students	0
Middle School 6-8 Students	0
High School 9-12 (Including On-site CT) Students	0
Total Students	0

Square Footage Allowance Notes			
Student Enrollment	Stor	CT Stor-Non CT	Recycle
350-450 Students	150	170	80
451-600 Students	200	200	100
601-1200 Students	250	220	130
1201-1600 Students	250	240	160
1601-2400 Students	250	590	210
Enrollment Determines SF Allowed			

Central Storage-CT Notes			
Student Enrollment	CT Stor	CT	CT
Up to 400 Students	7.5 SF/Student		
400-600 Students	6.6 SF/Student		
600-900 Students	5.8 SF/Student		
Above 900 Students	5 SF/Student		
Enrollment Determines SF Allowed			

Building Services Worksheet									
Space	New		Existing*		TOTAL				OSDM Recommendation
	Qty	SF	Area	Qty	SF	Area	Qty	SF	
EM/HBS-1/CT-GS-1 Large Group Restrooms	-	0	0	-	0	0	-	0	0
EM/HBS-2/CT-GS-2 Custodial Closet		50	0		0	0		0	0
EM/HBS-3/CT-GS-3 Electrical Closet		50	0		0	0		0	0
EM/HBS-4/CT-GS-4 Telecommunications Room		64	0		0	0		0	0
EM/HBS-5 Corridors - Non-CT	-	0	0	-	0	0	-	0	0
CT-BS-1 Corridors - CT	-	0	0	-	0	0	-	0	0
Vertical Circulation	-	0	0	-	0	0	-	0	0
EM/HBS-6 Mechanical/Electrical Space/Decks - Non-CT	-	0	0	-	0	0	-	0	0
EM/HBS-7/CT-GS-5 Storage Area		150	0		0	0		0	0
EM/HBS-8 Central Storage Area: Non-CT		170	0		0	0		0	0
CT-GS-6 Central Storage Area: CT Only		0	0		0	0		0	0
EM/HBS-9/H-GS-7 Loading/Receiving Area		120	0		0	0		0	0
EM/HBS-10 Restroom		60	0		0	0		0	0
EM/HBS-11 Recycling Room		80	0		0	0		0	0
Building Services - Non-CT Total		0	0		0	0		0	0
Building Services - CT Total		0	0		0	0		0	0
Building Services Grand Total									

Building Services Notes	
Number	Notes:
1	Size of Telecommunications Room varies with size of school. See page 411-4, 513-4, 614-4.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, nonmonumental stairs, elevators and elevator equipment room.
*	The Existing SF columns are to be used in projects where there are to be building additions or renovations.

Building Services Area Sizes			
Building Services Area	Prog	X	%
Large Group Restrooms-Non CT & CT	Prog	x	3.5
Corridors-Non-CT	Acad Prog	x	20.0
Corridors-CT	CT Prog	x	14.0
Mech/Elec. Space/Decks-Non-CT	Acad Prog	x	6.9
Mech/Elec. Space/Decks-CT	CT Prog	x	5.0
Multiply Sum of Prog. Areas - Build. Svcs. x % to achieve size of area			

CHAPTER 2: BRACKETING

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P1

Lab & Support Space Worksheet			0 students			Students Type A & C					OSDM Recommendation		
			New		Existing*			TOTAL					
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Accounting	G0		1200	0				0	varies	0		1200	0
Administrative and Professional Support	C0		1200	0				0	varies	0		1200	0
Automation & Robotics	R0		1800	0				0	varies	0		1800	0
Aviation Occupations	T4		1500	0				0	varies	0		1500	0
Business Management	C1		1200	0				0	varies	0		1200	0
Electronics	R1		1800	0				0	varies	0		1500	0
Financial Services	G1		1200	0				0	varies	0		1500	0
Information Support and Services	N0		1200	0				0	varies	0		1800	0
Interactive Media	N1		1200	0				0	varies	0		1000	0
Legal Management and Support	C2		1200	0				0	varies	0		1200	0
Medical Management and Support	C3		1200	0				0	varies	0		1200	0
Network Systems	N2		1200	0				0	varies	0		1200	0
Programming & Software Development	N3		1200	0				0	varies	0		1200	0
Telecommunications	F5		1200	0				0	varies	0		1200	0
Travel and Tourism	L2		1200	0				0	varies	0		1200	0
Visual Design and Imaging	B2		1200	0				0	varies	0		1200	0
Total Lab Spaces		0			0			0			0		
Related Spaces													
CT-P1-2 Office			120	0				0	varies	0		120	0
CT-P1-3 Storage			200	0				0	varies	0		200	0
Total Program Type 1				0				0					0

Laboratory and Support Spaces Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P2

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students			Students Type A & C			OSDM Recommendation		
		New			Existing*			Qty	SF	Area
		Qty	SF	Area	Qty	SF	Area			
Laboratory Space	CTE Program Code									
Allied Health & Nursing	JM									
Biomedical Science	F0	1500	1500	0	0	varies	0	1500	1500	0
Biotechnology for Food, Plant, Animal Science	A3	1500	1500	0	0	varies	0	1500	1500	0
Community Health Aide	J2	1500	1500	0	0	varies	0	1500	1500	0
Criminal Science Technology	P2	1500	1500	0	0	varies	0	1500	1500	0
Dental Laboratory Technology	J4	1500	1500	0	0	varies	0	1500	1500	0
Emergency Medical Technician	P3	1500	1500	0	0	varies	0	1500	1500	0
Energy Science	F1	1500	1500	0	0	varies	0	1500	1500	0
Engineering Science	F2	1500	1500	0	0	varies	0	1500	1500	0
Engineering and Design	F6	1500	1500	0	0	varies	0	1500	1500	0
Exercise Science and Sports Medicine	J6	1500	1500	0	0	varies	0	1500	1500	0
Health Information Management	J7	1500	1500	0	0	varies	0	1500	1500	0
Health Support Pathway	J8	1500	1500	0	0	varies	0	1500	1500	0
Health Unit Coordinator	J9	1500	1500	0	0	varies	0	1500	1500	0
Home Health	JA	1500	1500	0	0	varies	0	1500	1500	0
Medical Bioscience	J0	1500	1500	0	0	varies	0	1500	1500	0
Medical Laboratory Technology	JC	1500	1500	0	0	varies	0	1500	1500	0
Pharmacy Technician	JG	1500	1500	0	0	varies	0	1500	1500	0
Practical Nursing	JJ	1500	1500	0	0	varies	0	1500	1500	0
Therapeutic Pathway	JL	1500	1500	0	0	varies	0	1500	1500	0
Total Lab Spaces		0			0			0		
Related Space										
CT-P2-2 Office			120	0		varies	0		120	0
CT-P2-3 Storage			200	0		varies	0		200	0
CT-P2-4 Changing Room			450	0		varies	0		450	0
Total Program Type 2				0	0		0			0

Laboratory and Support Spaces Notes

*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P3

Lab & Support Space Worksheet			0 students			Students Type A & C				OSDM Recommendation		
Laboratory Space	CTE Program Code	New			Existing*			TOTAL				
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area		
Supply Chain Management Laboratory	S0	1	1500	0	1	0	0	0	varies	0	1500	0
Early Childhood Education Laboratory	E0	1	1500	0	1	0	0	0	varies	0	1500	0
Observation		1	120	0	1	0	0	0	varies	0	120	0
Infants		1	700	0	1	1	0	0	varies	0	700	0
Kitchenette/Break room		1	350	0	1	0	0	0	varies	0	350	0
Reception		1	500	0	1	0	0	0	varies	0	500	0
Workroom		1	150	0	1	0	0	0	varies	0	150	0
Toddler Restroom		1	60	0	1	0	0	0	varies	0	60	0
Playground Area												
Entrepreneurship Laboratory	S1	1	1000	0	1	0	0	0	varies	0	1000	0
Bookstore		1	800	0	1	0	0	0	varies	0	800	0
Display		1	100	0	1	0	0	0	varies	0	100	0
Ground Operations Laboratory	T5	1	1500	0	1	0	0	0	varies	0	1500	0
Reference Room		1	150	0	1	0	0	0	varies	0	150	0
Lodging	L1	1	1500	0	1	0	0	0	varies	0	1500	0
Banquet Room		1	800	0	1	0	0	0	varies	0	800	0
Marketing Communications Laboratory	S3	1	900	0	1	0	0	0	varies	0	900	0
Bookstore		1	800	0	1	0	0	0	varies	0	800	0
Display		1	100	0	1	0	0	0	varies	0	100	0
Marketing Management Laboratory	S4	1	900	0	1	0	0	0	varies	0	900	0
Bookstore		1	800	0	1	0	0	0	varies	0	800	0
Display		1	100	0	1	0	0	0	varies	0	100	0
Total Lab Spaces		0	0	0	0	0	0	0	0	0	0	0
Related Space												
CT-P3-2 Office		1	120	0	1	0	0	0	varies	0	120	0
CT-P3-3 Storage		1	200	0	1	0	0	0	varies	0	200	0
Total Program Type 3				0			0	0				0

Laboratory and Support Spaces Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P4

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students			Students Type A & C			OSDM Recommendation		
		New			Existing*			TOTAL		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
A2	Animal Science and Management Laboratory (small animal)		1000	0			0	0	varies	0
	Pet shop		1200	0			0	0	varies	0
	Clinic		350	0			0	0	varies	0
	Grooming		350	0			0	0	varies	0
	Animal Room		200	0			0	0	varies	0
	Animal Room		600	0			0	0	varies	0
	Kennel		250	0			0	0	varies	0
	Career Paths for the Law Profession									
	Laboratory		1200	0			0	0	varies	0
	Weight Room		800	0			0	0	varies	0
J1	Interrogation Room		150	0			0	0	varies	0
	Clinical Health Services									
	Laboratory		1200	0			0	0	varies	0
	Training Restroom		120	0			0	0	varies	0
M1	Laundry Room		120	0			0	0	varies	0
	Cosmetology									
	Laboratory		1600	0			0	0	varies	0
	Dispensary		175	0			0	0	varies	0
P1	Laundry Room		150	0			0	0		0
	Facial Room		200	0			0	0	varies	0
	Manicure Room		200	0			0	0	varies	0
	Customer Toilet		60	0			0	0	varies	0
	Criminal Justice									
	Laboratory		1200	0			0	0	varies	0
L0	Weight Room		800	0			0	0	varies	0
	Interrogation Room		150	0			0	0	varies	0
	Culinary and Food Service Operations									
	Laboratory		1800	0			0	0	varies	0
	Restaurant		1500	0			0	0	varies	0
	Dry Storage		150	0			0	0	varies	0
Total Program Type 4 (Page 1)		0		0	0		0	0		0

Laboratory and Support Spaces Notes

1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
 *The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P4

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students New			Students Type A & C Existing*			OSDM Recommendation		
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Dental Assistant Laboratory	J3		1500	0			0		1500	0
X-ray Room			80	0			0		80	0
Darkroom			80	0			0		80	0
Diagnostic Pathway Laboratory	J5		1200	0			0		1200	0
Exam Room			200	0			0		200	0
Firefighting and Emergency Medical Services	P6									
Laboratory			1500	0			0		1500	0
Weight Room			800	0			0		800	0
Fire Fighter Training Laboratory	P4		1500	0			0		1500	0
Weight Room			800	0			0		800	0
Media Arts	B0		1500	0			0		1500	0
Media Arts Control Room/Edit			450	0			0		450	0
Vestibule			84	0			0		84	0
Medical Assistant Laboratory	JB		1200	0			0		1200	0
Training Restroom			120	0			0		120	0
Laundry Room			120	0			0		120	0
Nurse Assisting Laboratory	JD		1200	0			0		1200	0
Training Restroom			120	0			0		120	0
Laundry Room			120	0			0		120	0
Optometric Occupations Laboratory	JE		1200	0			0		1200	0
Exam Room			100	0			0		100	0
Patient Care Technician Laboratory	JF		1500	0			0		1500	0
Training Restroom			120	0			0		120	0
Laundry Room			120	0			0		120	0
Performing Arts Laboratory	B1		1500	0			0		1500	0
Practice Room			150	0			0		150	0
Private Security Laboratory	P5		1200	0			0		1200	0
Weight Room			800	0			0		800	0
Interrogation Room Surgical Technology Laboratory	JK		150	0			0		150	0
Operating Room			1000	0			0		1000	0
Instrument Room			800	0			0		800	0
Scrub Room			500	0			0		500	0
Total Lab Spaces		0		0			0		0	
Related Space	Note 1									
CT-P4-2 Classroom			900	0			0		900	0
CT-P4-3 Office			120	0			0		120	0
CT-P4-4 Storage			200	0			0		200	0
CT-P4-5 Changing Room			450	0			0		450	0
Total Program Type 4 (Page 1)				0			0			0
Total Program Type 4 (Page 1 & 2)				0			0			0

Laboratory and Support Spaces Notes

*1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students				Students Type A & C				OSDM Recommendation			
		New		Existing*		TOTAL		OSDM Recommendation		OSDM Recommendation		OSDM Recommendation	
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Agribusiness and Production	A0												
Laboratory			4500	0			0			0		4500	0
Greenhouse			1000	0			0			0		1000	0
Auto Specialization	T2		3500	0			0			0		3500	0
Brick, Block, and Cement Masonry	D0		3500	0			0			0		3500	0
Building and Property Maintenance	D1		3000	0			0			0		3000	0
Building Technology	D2		3000	0			0			0		3000	0
Custodial Services	D6		2500	0			0			0		2500	0
Electrical Trades	D7		3000	0			0			0		3000	0
Environmental Control Technologies	D8		3000	0			0			0		3000	0
Heavy Equipment Operations	D9		4500	0			0			0		4500	0
Integrated Systems Technology	R2		3500	0			0			0		3500	0
Interior Design Applications	DA		3000	0			0			0		3000	0
Manufacturing Design and Development	R3		4500	0			0			0		4500	0
Natural Resource Management	A6												
Laboratory			3000	0			0			0		3000	0
Greenhouse			1000	0			0			0		1000	0
Plumbing and Pipefitting	DB		3000	0			0			0		3000	0
Power Equipment Technology	T8		3500	0			0			0		3500	0
Power Transmission	F4		3500	0			0			0		3500	0
Welding and Cutting	R6		3500	0			0			0		3500	0
Total Lab Spaces		0			0			0			0		
Related Space - List per Program add rows as needed													
CT-P5-2 Classroom	Note 1		900	0			0			0		900	0
CT-P5-3 Office			120	0			0			0		120	0
CT-P5-4 Storage			200	0			0			0		200	0
CT-P5-5 Changing Room	Note 2		270	0			0			0		270	0
CT-P5-6 Tool Crib			550	0			0			0		550	0
CT-P5-7 Reference Room			200	0			0			0		200	0
CT-P5-8 Toilet Room			68	0			0			0		68	0
Total Program Type 5				0			0			0			0

Laboratory and Support Spaces Notes

- 1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
2: Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P6

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet				0 students				Students Type A & C				OSDM Recommendation			
Laboratory Space		CTE Program Code	New			Existing*			TOTAL			Qty	SF	Area	
			Qty	SF	Area	Qty	SF	Area	Qty	SF	Area				
Auto Collision Repair Laboratory	T1	5000		0				0		0	varies	0	5000	0	0
		300		0				0		0	varies	0	300	0	0
		5000		0				0		0	varies	0	5000	0	0
		800		0				0		0	varies	0	800	0	0
		900		0				0		0	varies	0	900	0	0
Engine Storage Machine Room	T3	60		0				0		0	varies	0	60	0	0
		4000		0				0		0	varies	0	4000	0	0
Finishing Room	D3	500		0				0		0	varies	0	500	0	0
		800		0				0		0	varies	0	800	0	0
Material Storage	D5			0				0		0	varies	0		0	0
		3000		0				0		0	varies	0	3000	0	0
Laboratory	D4	400		0				0		0	varies	0	400	0	0
		3000		0				0		0	varies	0	3000	0	0
CADD Room	DF	400		0				0		0	varies	0	400	0	0
		3000		0				0		0	varies	0	3000	0	0
Construction - Design / Build	F3			0				0		0	varies	0		0	0
		3000		0				0		0	varies	0	3000	0	0
Laboratory	A4	400		0				0		0	varies	0	400	0	0
		1500		0				0		0	varies	0	1500	0	0
CADD Room	T9	400		0				0		0	varies	0	400	0	0
		2000		0				0		0	varies	0	2000	0	0
Freezer	A5	400		0				0		0	varies	0	400	0	0
		400		0				0		0	varies	0	400	0	0
Cooler	A1	400		0				0		0	varies	0	400	0	0
		5000		0				0		0	varies	0	5000	0	0
Retail	A1	800		0				0		0	varies	0	800	0	0
		900		0				0		0	varies	0	900	0	0
Flammable Material Storage	A1	60		0				0		0	varies	0	60	0	0
		2000		0				0		0	varies	0	2000	0	0
Horticulture	A1	400		0				0		0	varies	0	400	0	0
		3000		0				0		0	varies	0	3000	0	0
Greenhouse	A1	5000		0				0		0	varies	0	5000	0	0
		1000		0				0		0	varies	0	1000	0	0
Industrial Power Technology	A1	200		0				0		0	varies	0	200	0	0
				0				0		0	varies	0		0	0
Total Program Type 6 (Page 1)		0		0				0		0		0	0	0	0

Laboratory and Support Spaces Notes
1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
2: Square footage of chaging room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P6

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students New			Students Type A & C Existing*			OSDM Recommendation		
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Manufacturing Occupations										
Laboratory	R7		3500	0			0		3500	0
CNC Room			900	0			0		900	0
Inspection Room			150	0			0		150	0
Mechanical, Electrical, and Plumbing										
Laboratory	DE		3000	0			0		3000	0
CADD Room			400	0			0		400	0
Medium/Heavy Truck Technician										
Laboratory	T7		6000	0			0		6000	0
Engine Storage			800	0			0		800	0
Flammable Material Storage			60	0			0		60	0
Machine Room			900	0			0		900	0
Precision Machining										
Laboratory	R5		3500	0			0		3500	0
CNC Room			900	0			0		900	0
Inspection Room			150	0			0		150	0
Structural Systems										
Laboratory	DD		3000	0			0		3000	0
CADD Room			400	0			0		400	0
Wood Product Technologies										
Laboratory	DC		3000	0			0		3000	0
Finishing Room			500	0			0		500	0
Material Storage			800	0			0		800	0
Total Lab Spaces		0			0			0		
Related Space - List per Program add rows as needed										
Note 1										
CT-P6-2 Related Classroom			900	0			0		900	0
CT-P6-3 Office			120	0			0		120	0
CT-P6-5 Changing Room			270	0			0		270	0
Note 2										
CT-P6-4 Storage			200	0			0		200	0
CT-P6-6 Tool Crib			550	0			0		550	0
CT-P6-7 Reference Room			200	0			0		200	0
CT-P6-8 Toilet Room			68	0			0		68	0
Total Program Type 6 (Page 1)				0			0			0
Total Program Type 6 (Page 1 & 2)				0			0			0

Laboratory and Support Spaces Notes

1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.

2: Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.

*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P7

Lab & Support Space Worksheet			0 students				Students Type A & C				OSDM Recommendation					
			New			Existing*			TOTAL							
			Qty	SF	Area	Qty	SF	Area	Qty	SF				Area		
Laboratory Space	CTE Program Code	T0														
Laboratory Space	CTE Program Code	TA														
Laboratory Space	CTE Program Code	A2														
Total Lab Spaces																
Related Space	Note 1															
Related Space	Note 3															
Total Program Type 7																

Laboratory and Support Spaces Notes

1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.

2: Support will be provided for only the first 10,000 SF for any one program.

3: Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student.

*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

Introduction:

This page is meant to provide the School District and Design Professional with a simple tool for completing a Program of Re-entry for a Comprehensive 6-12 School including Career Technical Programs. Please follow the directions found below and fill in the yellow cells.

Please indicate in the yellow cells the projected number of students in each type.

This information can be found in the Master Plan or the district's enrollment projections.

The following table is to clarify the connection/labeling between the Enrollment Projection report and the Career Tech PORs.

Note that when the school is a Comp HS the emphasis is on the location of the CT Student.

When the school is a JVS or Coop school the emphasis is on the location of the Academic student.

For example a Type B - CT Off-site Comp HS student is a student that has academic programs on-site and CT programs off-site. A Type B - Acad On-site JVS student is a student that has academic programs on-site and CT programs off-site.

Comp HS School - Relates to location of CT Students			
Type A - Full time	Acad On-site + CT On-site of Comp HS	Onsite	Onsite
Type B - CT Off-site	Acad On-site + CT Off-site of Comp HS	Onsite	Offsite
Type C - CT On-site	Acad Off-site + CT On-site of Comp HS	Offsite	Onsite

JVS/Coop School - Relates to location of Academic Students

Type A - Full time	Acad On-site + CT On-site of JVS	Onsite	Onsite
Type B - Acad On-site	Acad On-site + CT Off-site of JVS	Onsite	Offsite
Type C - Acad Off-site	Acad Off-site + CT On-site of JVS	Offsite	Onsite

All student descriptions are in relation to the school being programmed.

Student Type A - Comprehensive Career-Technical Student/Full Time Career Technical Student (Grades 11-12)

Spends entire day at school attending academics and career-technical programming.

Student Type B - Career-Technical Off-Site Student (Grades 11-12)

Attends academic courses at the school and attends career-technical courses at another location, i.e. JVS, comprehensive high school in another district, etc.

Student Type C - Career-Technical On-Site Student (Grades 11-12)

Attends career-technical courses at the school and attends academics at another location, i.e., high school in another district or high school within the same district.

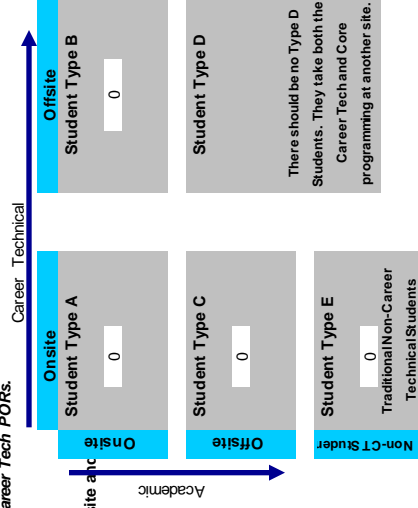
Student Type D - Full-Time Career-Technical Student-Attends all classes off site.

Attends both academic and career-technical courses at a site other than the home high school.

Student Type E - Does not participate in career technical programming. (6-12 Grades)

Does not participate in Career Technical programming.

Grade	Career Tech Students			Non-CT		
	A	B	C	E	Totals	
6-8						
9-12						
Total	0	0	0	0	0	0



Previously, changes or additions made during the annual updates of this Design Manual have been "bolded and italicized" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

WORKSHEET

	Career Tech Part Time	Academic Part Time	Academic Full Time Non-CT	SF/Student	Area
Student Type A (CT)	0	0	0		
Student Type B (CT)	0	0	0		
Student Type C (CT)	0	0	0		
Student Type E - Middle Schools Grades 6-8	0	0	0	0	0
Student Type E - High School Grades 9-12 (non-CT)	0	0	0	0	0
Total Student Enrollment per Student Type	0	0	0	0	0
Career Technical Core Space				0	0
Career Technical Program Space				0	0
Total Career Technical Space				0	0
Total A, B & E Students for Vertical Circulation Calculation		0		0	0
Total Gross Square Footage				0	0
SELECT ONE → ● Single or Two-Store Buildings ○ 3 Stories or greater					
Vert. Circ. Area Allowance (3 Stories or greater)					
Vertical Circulation (3 Stories or greater) refers only to non-transportation, non-vehicular stairs, elevators, and enclosed equipment rooms.					
Total Adjusted POR Gross Square Footage				0	0

Core Spaces	Students Type E			Students Type A & B			Combined Total	OSDM Recommendation
	NEW	Existing	TOTAL	NEW	Existing	TOTAL		
MH/CT-AC Academic Core	0	0	0	0	0	0	0	0
MH/CT-SE Spec. Ed./Student Svs.	0	0	0	0	0	0	0	0
MH/CT-AD Administration	0	0	0	na	na	na	0	0
MH/CT-MC Media Center	0	0	0	na	na	na	0	0
MH-VA Visual Arts	0	0	0	na	na	na	0	0
MH-MU Music	0	0	0	na	na	na	0	0
MH-TE Technology Education	0	0	0	na	na	na	0	0
MH-BE Business Education	0	0	0	na	na	na	0	0
MH-FCS Family and Consumer Science	0	0	0	na	na	na	0	0
MH-PE Physical Education	0	0	0	na	na	na	0	0
MH/CT-SD Student Dining	0	0	0	na	na	na	0	0
MH/CT-FS Food Service	0	0	0	na	na	na	0	0
MH/CT-CU Custodial	0	0	0	na	na	na	0	0
Net Core Space	0	0	0	0	0	0	0	0
MH/CT-BS Building Services	0	0	0	na	na	na	0	0
Total Core Space	0	0	0	0	0	0	0	0
Construction Factor (11%)	0	0	0	0	0	0	0	0
Actual Gross Core Space Developed	0	0	0	0	0	0	0	0
Minus existing co-funded Oversize Area from Master Plan							See Note 1	
Adjusted Existing Area				0	0	0	See Note 2	
Total Adjusted Gross Square Footage Developed (without Oversize Area)				0	0	0	na	
Maximum Gross Core SF Co-Funded				0	0	0	0	0
Difference				0	0	0	0	0

CAREER TECHNICAL PROGRAM SPACE ONLY					OSDM Recommendation SF	# of Labs
Career Technical Program Spaces	Total Lab Spaces Developed	NEW	Students Type A & C Existing*	TOTAL		
CT-P1 Program Type 1	0				0	0
CT-P2 Program Type 2	0				0	0
CT-P3 Program Type 3	0				0	0
CT-P4 Program Type 4	0				0	0
CT-P5 Program Type 5	0				0	0
CT-P6 Program Type 6	0				0	0
CT-P7 Program Type 7	0				0	0
Net CT Program Spaces			0	0	0	0
CT Building Services						
Total CT Program Space			0	0	0	0
CT Construction Factor (11%)			0	0	0	0
Actual Gross CT Program Space Developed				0		0
Maximum Gross CT Program SF Co-Funded				0		0
Difference						0

Total Gross Square Feet Co-Funded	0	0
Total Gross Square Feet Developed Core & CT Program	0	0
Difference / Locally Funded Initiative		

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 6-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-AC-1 Middle School Classroom	7	900	6,300
M-AC-2 Project Laboratory	1	1,100	1,100
M-AC-3 Sci/Tech/Math/Computer Lab	0	1,000	0
M-AC-4 Teacher Prep Area/Workroom	1	300	300
M-AC-5 Individual Restroom	1	60	60
M-AC-6 Instructional Material Storage	1	200	200
M-AC-7 Small Group Room	0	150	0
M-AC-7a Multi-use Studio	0	1,500	0
M-AC-8 Kinesthetic Learning Studio	1	1,200	1,200
M-AC-9 High School Classroom	6	900	5,400
H-AC-1 Science Classroom - General Physics	1	1,200	1,200
H-AC-2 Science Classroom - Chemistry	1	1,200	1,200
H-AC-3 Science Classroom - Biology	1	1,200	1,200
H-AC-4 Science Prep	2	200	400
H-AC-5 Teacher Prep Area/Workroom	1	300	300
H-AC-6 Individual Restroom	1	60	60
H-AC-7 Project Classroom	1	1,000	1,000
H-AC-8 Small Group Room	1	150	150
H-AC-9 Instructional Material Storage	1	50	50
H-AC-10 Multi-Use Room	0	1,500	0
H-AC-11 Science Laboratory	0	1,000	0
H-AC-12 Small Group Room	0	150	0
H-AC-9a Multi-use Studio	0	1,500	0
H-AC-13 Kinesthetic Learning Studio	0	1,200	0
H-AC-14	0	1,200	0
Academic Core Total			20,120

Used for this example:
278 MS students
372 HS students

Square Footage Allowance Notes			
Enroll	1	2	3
350-450	300	300	50
451-600	300	300	100
601-800	400	400	150
801-1200	400	600	200
1201-1600	400	600	200

Student capacity determines SF

Academic Core Notes	
Number	Notes:
4	These spaces are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are: M-AC-7a & H-AC-9a=150 SF, MH Multi-use Studio=1500 SF, MH Kinesthetic Studio=1200 SF.

CAREER TECHNICAL PROGRAM SPACE EXAMPLE													
	Space	400 Students			600 Students			800 Students			1000 Students		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
CT-AC-1	Academic classroom	7	900	6,300	13	900	11,700	17	900	15,300	22	900	19,800
CT-AC-2	Computer room	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400	2	1,200	2,400
CT-AC-3	General Science/Physics	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400
CT-AC-4	Biology	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400	2	1,200	2,400
CT-AC-5	Chemistry	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200
CT-AC-6	Science Prep	1	300	300	2	300	600	2	300	600	3	300	900
CT-AC-7	Teacher Prep/workroom	3	300	900	4	300	1,200	4	300	1,200	4	400	1,600
CT-AC-8	Individual restroom	2	60	120	2	60	120	4	60	240	4	60	240
CT-AC-9	Small group room	2	140	280	2	140	280	3	137	410	3	137	410
CT-AC-10	Instructional material storage	4	50	200	4	75	300	4	100	400	4	120	480
CT-AC-11	Multipurpose room	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500
CT-AC-12	Science Laboratory	0	1,000	0	0	1,000	0	0	0	0	0	1,000	0
Academic Core Total				14,400			20,500			26,850			33,330

See Note 1
See Note 2
See Note 3

CHAPTER 2: BRACKETING

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Square Footage Allowance Notes			
Enroll	1	2	3
350-450	300	300	50
451-600	300	300	100
601-800	400	400	150
801-1200	400	600	200
1201-1600	400	600	200
Student capacity determines SF			

Academic Core Notes	
Number	Notes
4	These spaces are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are: M-AC-7a & H-AC-9a=160 SF, MH Multi-use Studio=1500 SF, MH Kinesthetic Studio=1200 SF.

Academic Core Worksheet															
	0 M & HS students - Students Type E				0 HS students - Students Type A & B				0 COMBINED				OSDM Recommendation		
	Qty	SF	Area	TOTAL	Qty	SF	Area	TOTAL	Qty	SF	Area	TOTAL			
Space															
M-AC-1	900	0	0	0	0	0	0	0	0	0	0	0	0	900	0
M-AC-2	1,000	0	0	0	0	0	0	0	0	0	0	0	0	1,000	0
M-AC-3	1,000	0	0	0	0	0	0	0	0	0	0	0	0	1,000	0
M-AC-4	300	0	0	0	0	0	0	0	0	0	0	0	0	300	0
M-AC-5	60	0	0	0	0	0	0	0	0	0	0	0	0	60	0
M-AC-6	50	0	0	0	0	0	0	0	0	0	0	0	0	50	0
M-AC-7	150	0	0	0	0	0	0	0	0	0	0	0	0	150	0
M-AC-7a	150	0	0	0	0	0	0	0	0	0	0	0	0	150	0
M-AC-8	1,500	0	0	0	0	0	0	0	0	0	0	0	0	1,500	0
M-AC-9	1,200	0	0	0	0	0	0	0	0	0	0	0	0	1,200	0
H/CT-AC-1	900	0	0	0	0	0	0	0	0	0	0	0	0	900	0
H-AC-2/CT-AC-3	1,200	0	0	0	0	0	0	0	0	0	0	0	0	1,200	0
H/CT-AC-4	1,200	0	0	0	0	0	0	0	0	0	0	0	0	1,200	0
H-AC-3/CT-AC-5	1,200	0	0	0	0	0	0	0	0	0	0	0	0	1,200	0
H-AC-5/CT-AC-6	300	0	0	0	0	0	0	0	0	0	0	0	0	300	0
H-AC-6/CT-AC-7	300	0	0	0	0	0	0	0	0	0	0	0	0	300	0
H-AC-7/CT-AC-8	60	0	0	0	0	0	0	0	0	0	0	0	0	60	0
H/CT-AC-9	150	0	0	0	0	0	0	0	0	0	0	0	0	150	0
H/CT-AC-10	50	0	0	0	0	0	0	0	0	0	0	0	0	50	0
H/CT-AC-11	1,500	0	0	0	0	0	0	0	0	0	0	0	0	1,500	0
H/CT-AC-12	1,000	0	0	0	0	0	0	0	0	0	0	0	0	1,000	0
H-AC-8	1,100	0	0	0	0	0	0	0	0	0	0	0	0	1,100	0
CT-AC-2	150	0	0	0	0	0	0	0	0	0	0	0	0	150	0
H-AC-9a	1,500	0	0	0	0	0	0	0	0	0	0	0	0	1,500	0
H-AC-13	1,200	0	0	0	0	0	0	0	0	0	0	0	0	1,200	0
H-AC-14	1,200	0	0	0	0	0	0	0	0	0	0	0	0	1,200	0
Academic Core Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Academic Core Notes	
*	The Existing SF columns are to be used in projects where there are to be building additions or renovations.

The following is an example of a Comprehensive 6-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M/H-SE-1 Self-contained Classroom	1	900	900
M/H-SE-2 Workroom/Conference	1	150	150
M/H-SE-3 Restroom/Shower	1	100	100
M/H-SE-4 Special Education/Resource	1	900	900
M/H-SE-5 Small Self-contained Classroom	1	600	600
Special Education Total		2,650	

Note: Special Education spaces are determined by using the bracketing table for each type of student.

PROGRAM SPACE EXAMPLE											
400 Students			600 Students			800 Students			1000 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF
CT-SE-1 Classroom	1	900	900	1	900	900	2	900	1,800	2	900
CT-SE-2 Classroom/conference	1	150	150	1	150	150	2	150	300	2	150
CT-SE-3 Restroom/shower	1	100	100	1	100	100	1	100	100	1	100
CT-SE-4 Career Technical Evaluation	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200	1	1,200
CT-SE-5 Career Technical Office	1	120	120	1	120	120	1	120	120	2	120
CT-SE-6 Small group room	1	360	360	1	360	360	1	360	360	1	360
CT-SE-7 Job training Office	1	120	120	1	120	120	2	120	240	2	120
CT-SE-8 Resource room	1	900	900	1	900	900	1	900	900	1	900
CT-SE-9 Storage	1	150	150	1	150	150	1	150	150	1	150
Spec. Ed/Student Services Total		4,000			4,000			5,170			6,490

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Sp. Ed./Stud. Svcs. Worksheet

0 MS & HS students - Students Type E											
New			Existing*			TOTAL			0 HS students - Students Type A & B		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF
M/H/CT-SE-1 Self-contained Classroom	900	0	0	0	0	0	0	0	0	0	0
M/H/CT-SE-2 Workroom/Conference	150	0	0	0	0	0	0	0	0	0	0
M/H/CT-SE-3 Restroom/shower	100	0	0	0	0	0	0	0	0	0	0
M/H-SE-4/CT-SE-8 Resource room	900	0	0	0	0	0	0	0	0	0	0
M/H-SE-5 Small Self-Contained Classroom	600	0	0	0	0	0	0	0	0	0	0
CT-SE-4 Career Technical Evaluation							1,200	0	0	0	0
CT-SE-5 Career Technical Office							120	0	0	0	0
CT-SE-6 Small group room							360	0	0	0	0
CT-SE-7 Job training Office							120	0	0	0	0
CT-SE-9 Storage							150	0	0	0	0
Spec. Ed/Student Services Total	0			0			0			0	

OSDM Recommendation			
Qty	SF	Area	
900	0	0	See Note 1
150	0	0	See Note 2
100	0	0	See Note 3
900	0	0	See Note 3
600	0	0	See Note 3
1,200	0	0	See Note 3
120	0	0	See Note 3
360	0	0	See Note 3
120	0	0	See Note 3
150	0	0	See Note 3
0	0	0	0

Special Education Notes	
Number	Notes
1	Self-contained classroom(s) could house various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.
2	Workroom/Conference could house orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.
3	Special Education Resource could house cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic brain injury, learning disability, deaf/blindness, etc.
*	See Chapter 1, Section 1110 for more information. *The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 6-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M/H-AD-1 Reception Area	1	300	See Note 1
M/H-AD-2 Secretarial Area	1	250	See Note 2
M/H-AD-3 Principal's Office	1	150	150
M/H-AD-4 Assistant Principal's Office	1	120	120
M/H-AD-5 Conference Room	1	250	250
M/H-AD-6 Mail/Work/Copy Room	1	200	See Note 3
M/H-AD-7 Administrative Storage	1	82	See Note 4
M/H-AD-8 Vault/Records Storage	1	100	See Note 5
M/H-AD-9 In-school Suspension	1	300	See Note 10
M/H-AD-10 Restroom	2	60	120
M/H-AD-11 Guidance Counselor's Office	2	120	240
M/H-AD-12 Guidance Records/Storage	1	75	75
M/H-AD-13 Guidance Conference Room	1	200	See Note 6
M/H-AD-14 Parent/Volunteer Room	0	150	See Note 7
M/H-AD-15 Health Clinic (includes restroom)	1	350	See Note 8
M/H-AD-16 Itinerant Personnel Office	1	120	See Note 9
M/H-AD-17 Guidance Conf. & Career Ctr.	1	200	See Note 11
Administrative Total			3,057

Note: Non-career technical students and career technical students are combined to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Students	0

Administrative Worksheet									
0 MS & HS students - COMBINED									
Space	New		Existing*		TOTAL		OSDM Recommendation		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M/HCT-AD-1 Reception area	200	200	0	0	varies	0	0	200	See Note 1
M/HCT-AD-2 Secretarial space	200	0	0	0	varies	0	0	200	See Note 2
M/HCT-AD-3 Director/Principal's office	150	0	0	0	varies	0	0	150	0
M/HCT-AD-4 Asst. Dir./Principal office	120	0	0	0	varies	0	0	120	0
M/H-AD-5/CT-AD-7 Conference room	250	0	0	0	varies	0	0	250	0
M/H-AD-6/CT-AD-8 Mail/work/copy room	200	0	0	0	varies	0	0	200	0
M/H-AD-7/CT-AD-9 Administrative Storage	150	0	0	0	varies	0	0	150	See Note 3
M/H-AD-8/CT-AD-10 Vault/records	85	0	0	0	varies	0	0	85	See Note 4
M/H-AD-9/CT-AD-11 Restroom	60	0	0	0	varies	0	0	60	See Note 5
M/H-AD-10/CT-AD-12 Guidance counselor	120	0	0	0	varies	0	0	120	0
M/H-AD-11/CT-AD-13 Guidance records/storage	100	0	0	0	varies	0	0	100	See Note 6
M/H-AD-12/CT-AD-14 Guidance conference	150	0	0	0	varies	0	0	150	See Note 7
M/H-AD-13/CT-AD-15 Parent/volunteer	200	0	0	0	varies	0	0	200	See Note 8
M/H-AD-14/CT-AD-16 Health clinic (includes restroom)	400	0	0	0	varies	0	0	400	See Note 9
M/H-AD-15/CT-AD-17 Itinerant personnel	120	0	0	0	varies	0	0	120	0
M/H-AD-16/CT-AD-18 In-school suspension	200	0	0	0	varies	0	0	200	See Note 10
M/H-AD-17 Guidance Conf. & Career Ctr.	300	0	0	0	varies	0	0	300	See Note 11
CT-AD-5 Supervisor's office	120	0	0	0	varies	0	0	120	0
CT-AD-6 Coordinator's office	120	0	0	0	varies	0	0	120	0
Administrative Total			0	0		0	0		0

Administrative Notes											
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.											

Administrative Notes											
Student Enrollment	1	2	3	4	5	6	7	8	9	10	11
350-450 Students	200	200	150	150	85	100	150	200	400	200	300
451-600 Students	400	400	300	150	115	100	200	300	450	325	400
601-1200 Students	500	500	400	200	145	200	250	400	500	450	500
1201-1600 Students	600	600	500	200	175	200	250	400	550	575	700
Enrollment determines SF allowed											

Media Center Notes
<p>1: The size of the reading room/circulation space is equal to 10% of the middle school student enrollment multiplied by 35 SF per student.</p> <p>7: The size of the reading room/circulation space is equal to 10% of the high school (or 6-12) student enrollment multiplied by 35 SF per student.</p> <p>*The Existing SF columns are to be used in projects where there are to be building additions or renovations.</p>

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Students	0

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CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 6-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-VA-1 Middle School Art Room	1	1,200	1,200
M-VA-2 Kiln/Ceramic Storage	0	100	0
M-VA-3 Art Material Storage	1	100	100
H-VA-1 High School Art Room	1	1,200	1,200
H-VA-2 Kiln/Ceramic Storage	1	150	150
H-VA-3 Art Material Storage	1	150	150
Visual Arts Total			2,800

Visual Art SF Allowance Notes		
Student Enrollment	1	2
350-450 Students	1200	100
451-600 Students	1200	200
601-800 Students	1200	200
Above 801 Students	1400	200
Enrollment Determines SF Allowed		

MS SF Allowance Notes		
Student Enrollment	3	
350-450 Students	100	
451-600 Students	150	
601-800 Students	200	
Above 801 Students	200	
Enrollment Determines SF Allowed		

HS or 6-12 SF Allowance Notes		
Student Enrollment	4	
350-450 Students	200	
451-600 Students	300	
601-800 Students	300	
Above 801 Student	300	
Enrollment Determines SF Allowed		

Note: Only non-career technical students are used to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Visual Art Worksheet						
Space	MS & HS students - Students Type E				OSDM Recommendation	
	New		Existing*		TOTAL	
	Qty	SF	Area	Qty	SF	Area
M-VA-1 Middle School Art Room		1,200	0		0	varies
M-VA-2 Kiln/Ceramic Storage		100	0		0	varies
M-VA-3 Art Material Storage		100	0		0	varies
H-VA-1 Art Room		1,200	0		0	varies
H-VA-2 Kiln/Ceramic Storage		100	0		0	varies
H-VA-3 Art Material Storage		200	0		0	varies
Visual Arts Total			0		0	0

Visual Art Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
MUSIC SPACES
Comp 6-12/CT - MU

The following is an example of a Comprehensive 6-12 School including Career Technical Programs. The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-MU-1 Instrumental Room	1	1,200	1,200
M-MU-2 Vocal Room	0	1,200	0
M-MU-3 Music Library	1	150	150
H-MU-1 Instrumental Room	1	1,800	1,800
H-MU-2 Instrument Storage	1	350	350
H-MU-3 Orchestra Storage	0	250	0
H-MU-4 Instrumental Music Office/Library	1	120	120
H-MU-5 Uniform Storage	0	200	0
H-MU-6 Vocal Room	0	1,150	0
H-MU-7 Vocal Storage	0	200	0
H-MU-8 Vocal Music Office/Library	1	120	120
H-MU-9 Ensemble Room	1	200	200
H-MU-10 Practice Room	1	80	80
Music Total			4,020

MS Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	1400
451-650 Students	1500
Above 651 Students	1600
Enrollment Determines SF Allowed	

See Note 1
 M - 278 Students
 See Note 2
 See Note 3
 See Note 4

See Note 5 - H - 372 Students

High School or 6-12 Square Footage Allowance Notes								
Student Enrollment	2	3	4	5	6	7	8	
350-450 Students	1800	400	200	150	1200	150	200	
451-800 Students	2000	500	250	200	1200	200	300	
801-1200 Students	2500	600	250	300	1200	300	300	
Above 1201 Students	3000	700	350	300	1500	300	300	
Enrollment Determines SF Allowed								

Note: Only non-career technical students are used to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Music Worksheet									
Space	MS & HS students - Students Type E			Existing*			TOTAL		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-MU-1 Instrumental Room	1	1,400	0	0	varies	0	0	varies	0
M-MU-2 Vocal Room	1	1,200	0	0	varies	0	0	varies	0
M-MU-3 Music Library	1	200	0	0	varies	0	0	varies	0
H-MU-1 Instrumental Room	1	1,800	0	0	varies	0	0	varies	0
H-MU-2 Instrument Storage	1	400	0	0	varies	0	0	varies	0
H-MU-3 Orchestra Storage	1	200	0	0	varies	0	0	varies	0
H-MU-4 Instrumental Music Office/Library	1	120	0	0	varies	0	0	varies	0
H-MU-5 Uniform Storage	1	150	0	0	varies	0	0	varies	0
H-MU-6 Vocal Room	1	1,200	0	0	varies	0	0	varies	0
H-MU-7 Vocal Storage	1	150	0	0	varies	0	0	varies	0
H-MU-8 Vocal Music Library	1	120	0	0	varies	0	0	varies	0
H-MU-9 Ensemble Room	1	200	0	0	varies	0	0	varies	0
H-MU-10 Practice Room	1	80	0	0	varies	0	0	varies	0
Music Total			0			0			0

OSDM Recommendation

Qty	SF	Area
0	1,400	0
0	1,200	0
0	200	0
0	1,800	0
0	400	0
0	200	0
0	120	0
0	150	0
0	1,200	0
0	150	0
0	120	0
0	200	0
0	80	0

See Note 1
 M - 278 Students
 See Note 2
 See Note 3
 See Note 4
 See Note 5 - H - 372 Students
 See Note 6
 See Note 7
 See Note 8

Music Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 6-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-TE-1a Modular Technology Lab	1	1,300	1,300
M-TE-1b Production Lab	0	1,300	0
M-TE-2 Storage	1	150	150
H-TE-1 Modular Technology Lab	1	1,800	1,800
H-TE-1a Ag-Ed Lab	0	1,800	0
H-TE-2 Storage	1	100	100
H-TE-3 CAD Lab	0	1,200	0
H-TE-4 Production Lab	0	1,600	0
Technology Education Total			3,350

See Note 1

See Note 1

S or 6-12 Sq. Ft. Allowance Note
Student Enrollment 1
350-450 Students 150
451-800 Students 200
801-1200 Students 200
1201-1600 Student 200
Enrollment Determines SF Allowed

Note: Only non-career technical students are used to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Tech. Ed. Worksheet	MS & HS students - Students Type E				OSDM Recommendation			
	New		Existing*		TOTAL			
Space	Qty	SF	Area	Qty	SF	Area	Qty	Area
M-TE-1a Modular Technology Lab		1,300	0		0	varies	0	0
M-TE-1b Production Lab		1,300	0		0	varies	0	0
M-TE-2 Storage		150	0		0	varies	0	0
H-TE-1 Modular Technology Lab		1,800	0		0	varies	0	0
or								
H-TE-1a Ag-Ed Lab		1,800	0		0	varies	0	0
H-TE-2 Storage		150	0		0	varies	0	0
H-TE-3 CADD Lab		1,200	0		0	varies	0	0
H-TE-4 Production Lab		1,600	0		0	varies	0	0
Technology Education Total			0		0			0

See Note 1

See Note 1

Technology Education Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
BUSINESS EDUCATION SPACES
Comp 6-12/CT - BE

The following is an example of a Comprehensive 6-12 School including Career Technical Programs
 The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS				SF Allowance Notes	
Space		Qty	SF	Area	Student Enrollment
H-BE-1	Computer and Business Classroom	0	1,200	0	1
H-BE-2	Marketing Classroom	0	900	0	100
H-BE-3	Workroom/Storage	0	100	0	200
See Note 1				0	250
Business Education Total				0	300
				Enrollment Determines SF Allowance	

Note: Only non-career technical students are used to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Bus. Ed. Worksheet	0 MS & HS students - Students Type E										OSDM Recommendation	
	New			Existing*			TOTAL					
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area			
H-BE-1	Computer and Business Classroom		1,200	0			0		varies	0	1,200	0
H-BE-2	Marketing Classroom		900	0			0		varies	0	900	0
H-BE-3	Workroom/Storage		100	0			0		varies	0	100	0
Business Education Total				0								0

See Note 1

See Note 1

Business Education Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

School District Name, School Building Name
FAMILY AND CONSUMER SCIENCE SPACES
Comp 6-12/CT - FCS

The following is an example of a Comprehensive 6-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-FCS-1 Life Skills Lab	1	1,100	1,100
M-FCS-2 Life Skills Storage	0	100	0
H-FCS-1 Life Skills Lab	1	1,200	1,200
H-FCS-2 Life Skills Storage	1	200	200
H-FCS-3 Laundry	1	150	150
H-FCS-4 Child Development	0	1,200	0
Family and Consumer Science Total			2,650

See Note 1

SF Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	250
801-1200 Students	300
1201-1600 Students	350
Enrollment Determines SF Allowance	

Note: Only non-career technical students are used to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

F & C Sci. Worksheet		MS & HS students - Students Type E				OSDM Recommendation			
		New		Existing*		TOTAL		Qty	SF
Space		Qty	SF	Area	Qty	SF	Area		
M-FCS-1 Life Skills Lab			1,100	0	0	0	varies	1,100	0
M-FCS-2 Life Skills Storage			100	0	0	0	varies	100	0
H-FCS-1 Life Skills Lab			1,200	0	0	0	varies	1,200	0
H-FCS-2 Life Skills Storage			200	0	0	0	varies	200	0
H-FCS-3 Laundry			150	0	0	0	varies	150	0
H-FCS-4 Child Development			1,200	0	0	0	varies	1,200	0
Family and Consumer Science Total				0	0	0			0

See Note 1

Family & Consumer Science Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
PHYSICAL EDUCATION SPACES
Comp 6-12/CT - PE

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 6-12 School including Career Technical Programs
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-PE-1 Gymnasium	1	5,500	5,500
M-PE-2 Auxiliary Gymnasium	0	0	0
M-PE-3 P.E./Athletic Office	2	75	150
M-PE-4 Staff Shower	2	75	150
M-PE-5 Student Locker Room	2	500	1,000
M-PE-6 Student Restroom/Shower	2	250	500
M-PE-7 Physical Education Storage	1	200	200
H-PE-1 Gymnasium	1	9,300	9,300
H-PE-2 Auxiliary Gymnasium	0	7,000	0
H-PE-3 Student Locker Room	2	550	1,100
H-PE-4 Student Restroom/Shower	2	250	500
H-PE-5 Physical Education Storage	1	400	400
H-PE-6 P.E./Athletic Office	2	75	150
H-PE-7 Staff Shower	2	75	150
H-PE-8 Athletic Director's Office	0	120	0
H-PE-9 Lobby Services	1	200	200
H-PE-10 Training Room	1	250	250
H-PE-11 Physical Health Classroom	0	750	0
H-PE-12 Multi-use P.E. Room	0	1,000	0
Physical Education Total			19,550

Middle School Sq. Ft. Allowance Notes			
Student Enrollment	1	2	3
350-450 Students	7000	600	300
451-600 Students	7500	600	325
601-750 Students	8000	650	500
Enrollment Determines SF Allowed			

See Note 1 - M - 278 Students

See Note 13

See Note 2

See Note 3

See Note 4 - H - 372 Students

See Note 5

See Note 6

See Note 7

See Note 8

See Note 9

See Note 10

See Note 11

See Note 12

High School or 6-12 Square Footage Allowance Notes								
Student Enrollment	4	6	7	8	9	10	11	12
350-450 Students	9300	550	200	400	100	200	750	1400
451-600 Students	10700	650	250	500	200	300	1500	1400
601-1200 Students	12400	700	300	600	200	400	1500	1600
1201-1600 Students	14000	850	350	1000	200	500	2000	1800
Enrollment Determines SF Allowed								

Physical Education Notes	
Number	Notes
5	Auxiliary Gym is 7,000 SF regardless of the number of students.
13	Auxiliary Gym may be selected for student enrollments above 1000 MS students.

Note: Only non-career technical students are used to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Non-CT Students	0

Phys. Ed. Worksheet									
0 MS & HS students - Students Type E									
Space		New		Existing*		TOTAL		OSDM Recommendation	
Qty	SF	Qty	SF	Qty	SF	Qty	SF	Qty	SF
M-PE-1 Gymnasium	7,000	0	0	0	0	varies	0	0	0
M-PE-2 Auxiliary Gymnasium	0	0	0	0	0	varies	0	0	0
M-PE-3 P.E./Athletic Office	75	0	0	0	0	varies	0	0	0
M-PE-4 Staff Shower	75	0	0	0	0	varies	0	0	0
M-PE-5 Student Locker Room	600	0	0	0	0	varies	0	0	0
M-PE-6 Student Restroom/Shower	250	0	0	0	0	varies	0	0	0
M-PE-7 Physical Education Storage	300	0	0	0	0	varies	0	0	0
H-PE-1 Gymnasium	9,300	0	0	0	0	varies	0	0	0
H-PE-2 Auxiliary Gymnasium	7,000	0	0	0	0	varies	0	0	0
H-PE-3 Student Locker Room	550	0	0	0	0	varies	0	0	0
H-PE-4 Student Restroom/Shower	200	0	0	0	0	varies	0	0	0
H-PE-5 Physical Education Storage	400	0	0	0	0	varies	0	0	0
H-PE-6 P.E./Athletic Office	75	0	0	0	0	varies	0	0	0
H-PE-7 Staff Shower	75	0	0	0	0	varies	0	0	0
H-PE-8 Athletic Director's Office	120	0	0	0	0	varies	0	0	0
H-PE-9 Lobby Services	100	0	0	0	0	varies	0	0	0
H-PE-10 Training Room	200	0	0	0	0	varies	0	0	0
H-PE-11 Physical Health Classroom	750	0	0	0	0	varies	0	0	0
H-PE-12 Multi-use P.E. Room	1,400	0	0	0	0	varies	0	0	0
Physical Education Total		0	0	0	0			0	0

Physical Education Notes	
Note 5: Auxiliary gymnasium is 7,000 SF regardless of the number of students.	
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.	

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 6-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
M/H-SD-1 Student Dining	1	3,792	3,792	See Note 1
M/H-SD-2 Stage	1	1,000	1,000	See Note 2
M/H-SD-7 Staff Dining	0	400	0	See Note 3
M/H-SD-8 Table Storage	1	400	400	See Note 4
H-SD-3 Scene Shop and Storage	1	350	350	See Note 5
H-SD-4 Make-up/Dressing Rooms	2	200	400	See Note 6
H-SD-5 Theatrical Control Room	1	150	150	
H-SD-6 Drama Storage	1	300	300	See Note 7
H-SD-9/CT-SD-5 Family Restroom	1	80	80	
Student Dining Total			6,472	

Note: Non-career technical students and career technical students are combined to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Students	0

Square Foot Allowance Notes			
Student Enrollment	3	4	
350-500 Students	250	300	
501-700 Students	400	400	
701-900 Students	550	500	
Above 901 Students	700	600	
Enrollment Determines SF Allowed			

High School Sq. Ft. Allowance Notes			
Student Enrollment	5	6	7
350-450 Students	400	200	200
451-800 Students	450	250	400
801-1200 Students	500	250	500
Above 1201 Students	600	300	600
Enrollment Determines SF Allowed			

Student Dining Worksheet									
		0 MS & HS students - COMBINED				OSDM Recommendation			
Space		Qty	SF	Area	New	Existing*	Qty	SF	Area
M/H/CT-SD-1 Student Dining			3,000	0	0		0	varies	0
M/H/CT-SD-2 Stage			1,000	0	0		0	varies	0
M/H-SD-7/CT-SD-3 Staff Dining			250	0	0		0	varies	0
M/H-SD-8/CT-SD-4 Table Storage			300	0	0		0	varies	0
H-SD-3 Scene Shop and Storage			400	0	0		0	varies	0
H-SD-4 Make-up/Dressing Rooms			200	0	0		0	varies	0
H-SD-5 Theatrical Control Room			200	0	0		0	varies	0
H-SD-6 Drama Storage			200	0	0		0	varies	0
H-SD-9/CT-SD-5 Family Restroom			80	0	0		0	varies	0
Student Dining Total				0	0		0	0	0

Student Dining Notes	
1: The size of the student dining space is equal to one-third of the student enrollment multiplied by 17.5 SF per student or 3000 SF, whichever is greater.	
2: The size of the stage equals student enrollment multiplied by 2.0 SF, or 1,000 SF, whichever is greater.	
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.	

School District Name, School Building Name
FOOD SERVICE SPACES
Comp 6-12/CT - FS

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 6-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M/H-FS-0 Warming Kitchen	0	1,300	0
M/H-FS-1 Kitchen (total)	1	2,275	
M/H-FS-1a Preparation Area	1	819	
M/H-FS-1b Serving Area	1	774	
M/H-FS-1c Dry Food Storage	1	250	
M/H-FS-1d Cooler/Freezer	1	228	
M/H-FS-1e Ware Washing	1	205	
M/H-FS-2 Dietician Office	1	75	75
M/H-FS-3 Restroom / Locker Room	1	140	140
Food Service Total			2,490

Kitchen Area Sizes				
Food Service Area	Enroll	X	SF per Student	%
Preparation Area	Enroll	x	3.5	36%
Serving Areas	Enroll	x	3.5	34%
Dry Food Storage	Enroll	x	3.5	11%
Cooler/Freezer	Enroll	x	3.5	10%
Ware Washing Ar	Enroll	x	3.5	9%
Warming Kitchen	Enroll	x	2.0	
Multiply Enrollment x SF/Student x % to achieve size of area				

See Note 1 & Kit. Area Note
See Note 2
See Kit. Area Note
See Kit. Area Note
See Kit. Area Note
See Kit. Area Note
See Kit. Area Note

Note: Non-career technical students and career technical students are combined to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Students	0

Food Service Worksheet		MS & HS students - COMBINED				OSDM Recommendation			
Space		New		Existing*		TOTAL		Qty	SF
		Qty	SF	Area	Qty	SF	Area		
M/H/CT-FS-0 Warming Kitchen			0	0		0	varies	0	0
M/H/CT-FS-1 Kitchen (total)			0	0		0	varies	0	0
M/H/CT-FS-1a Preparation area			0			varies	varies	0	0
M/H/CT-FS-1b Serving area			0			varies	varies	0	0
M/H/CT-FS-1c Dry food storage			0			varies	varies	0	0
M/H/CT-FS-1d Cooler/freezer			0			varies	varies	0	0
M/H/CT-FS-1e Ware washing			75	0		0	varies	0	75
M/H/CT-FS-2 Dietician Office			140	0		0	varies	0	140
M/H/CT-FS-3 Restroom / Locker Room						0	varies	0	0
Food Service Total				0		0		0	0

See Note 1 & Kit. Area Note
See Note 2
See Kit. Area Note
See Kit. Area Note
See Kit. Area Note
See Kit. Area Note
See Kit. Area Note

Food Services Notes
1: The size of the kitchen is equal to the sum of preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.
2: Only one of the two kitchens is to be used - either MM/HCT-FS-0 or MM/HCT-FS-1 - not both.
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 6-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
M/H-CU-1 Workroom	1	400	400	See Note 1
M/H-CU-2 Custodial Office	1	100	100	
Custodial Total			500	

SF Allowance Notes	
Student Enrollment	1
Up to 400 Students	200
401-600 Students	300
Above 600 Students	400
Enrollment Determines SF Allowed	

Note: Non-career technical students and career technical students
are combined to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 Students	0
Total Students	0

Custodial Worksheet		0 MS & HS students - COMBINED				OSDM Recommendation			
		New		Existing*		TOTAL		Qty	SF
Space		Qty	SF	Area	Qty	SF	Area		
M/H/CT-CU-1 Workroom - note 1			200	0			0		0
M/H/CT-CU-2 Custodial Office			100	0			0		0
Custodial Total				0			0		0

See Note 1

Custodial Services Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
BUILDING SERVICES SPACES
 Comp 6-12/CT - BS

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 6-12 School including Career Technical Programs.
 The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 MS, HS & On-site Career Tech Students-Combined			
Space	Qty	SF	Area
MH-BS-1 Large Group Restrooms	2	2,498	2,498
MH-BS-2 Custodial Closet	2	50	100
MH-BS-3 Electrical Closet	2	50	100
MH-BS-4 Telecommunications Room (TR)	2	64	128
MH-BS-5 Corridors	14,277	14,277	14,277
MH-BS-6 Mechanical Rooms/Decks	4,925	4,925	4,925
MH-BS-7 Storage Area	1	200	200
MH-BS-8 Central Storage Area	1	200	200
MH-BS-9 Loading/Receiving Area	1	120	120
MH-BS-10 Restroom	0	60	0
MH-BS-11 Recycling Room	1	100	100
Building Services Total			22,648

Note: Non-career technical students and career technical students are combined to determine the bracketing.

Middle School 6-8 Students	0
High School 9-12 (Including On-site CT) Students	0
Total Students	0

Building Svcs. Worksheet			
Space	New		OSDM Recommendation
	Qty	SF	Area
MH-BS-1/CT-GS-1 Large Group Restrooms	-	0	0
MH-BS-2/CT-GS-2 Custodial Closet	50	0	0
MH-BS-3/CT-GS-3 Electrical Closet	64	0	0
MH-BS-4/CT-GS-4 Telecommunications Room	-	0	0
MH-BS-5 Corridors - Non-CT	-	0	0
CT-BS-1 Corridors - CT	-	0	0
MH-BS-6 Mechanical/Electrical Space/Decks - Non-CT	-	0	0
CT-BS-2 Mechanical/Electrical Space/Decks - CT	-	0	0
MH-BS-7/CT-GS-5 Storage Area	150	0	0
MH-BS-8 Central Storage Area: Non-CT	170	0	0
CT-GS-6 Central Storage Area: CT Only	0	0	0
MH-BS-9/H-GS-7 Loading/Receiving Area	120	0	0
MH-BS-10 Restroom	60	0	0
MH-BS-11 Recycling Room	80	0	0
Building Services - Non-CT Total	0	0	0
Building Services - CT Total	0	0	0
Building Services Grand Total			

Building Services Notes	
Number	Notes:
1	Size of Telecommunications Room varies with size of high school. See page 5113-4, 6114-4.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room. The total size of the Vertical Circulation is equal to the sum of the program areas, excluding building services, multiplied by 2.5%.
*	The Existing SF columns are to be used in projects where there are to be building additions or renovations.

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Large Group Restrooms-Non CT & CT	Prog	x	3.5
Corridors-Non-CT	Acad Prog	x	20.0
Corridors-CT	CT Prog	x	14.0
Mech/Elec. Space/Decks-Non-CT	Acad Prog	x	6.9
Mech/Elec. Space/Decks-CT	CT Prog	x	5.0
Multiply Sum of Prog. Areas - Build. Svcs. x % to achieve size of area			

CHAPTER 2: BRACKETING

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P1

Lab & Support Space Worksheet			0 students				Students Type A & C				OSDM Recommendation				
			New		Existing*		TOTAL								
			Qty	SF	Area	Qty	SF	Area	Qty	SF				Area	
Laboratory Space	CTE Program Code														
Accounting	G0		1200	0			0	0	varies	0		1200	0		0
Administrative and Professional Support	C0		1200	0			0	0	varies	0		1200	0		0
Automation & Robotics	R0		1800	0			0	0	varies	0		1800	0		0
Aviation Occupations	T4		1500	0			0	0	varies	0		1500	0		0
Business Management	C1		1200	0			0	0	varies	0		1200	0		0
Electronics	R1		1800	0			0	0	varies	0		1800	0		0
Financial Services	G1		1200	0			0	0	varies	0		1200	0		0
Information Support and Services	N0		1200	0			0	0	varies	0		1200	0		0
Interactive Media	N1		1200	0			0	0	varies	0		1200	0		0
Legal Management and Support	C2		1200	0			0	0	varies	0		1200	0		0
Medical Management and Support	C3		1200	0			0	0	varies	0		1200	0		0
Network Systems	N2		1200	0			0	0	varies	0		1200	0		0
Programming & Software Development	N3		1200	0			0	0	varies	0		1200	0		0
Telecommunications	F5		1200	0			0	0	varies	0		1200	0		0
Travel and Tourism	L2		1200	0			0	0	varies	0		1200	0		0
Visual Design and Imaging	B2		1200	0			0	0	varies	0		1200	0		0
Total Lab Spaces			0				0	0				0			
Related Spaces															
CT-P1-2 Office			120	0			0	0	varies	0		120	0		0
CT-P1-3 Storage			200	0			0	0	varies	0		200	0		0
Total Program Type 1				0			0						0		0

Laboratory and Support Spaces Notes

*The Existing SF columns are only to be used in projects where there are to be building additions

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P2

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students			Students Type A & C			OSDM Recommendation		
		New			Existing*			TOTAL		
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Allied Health & Nursing	JM									
Biomedical Science	F0		1500	0			0	0	varies	0
Biotechnology for Food, Plant, Animal Science	A3		1500	0			0	0	varies	0
Community Health Aide	J2		1500	0			0	0	varies	0
Criminal Science Technology	P2		1500	0			0	0	varies	0
Dental Laboratory Technology	J4		1500	0			0	0	varies	0
Emergency Medical Technician	P3		1500	0			0	0	varies	0
Energy Science	F1		1500	0			0	0	varies	0
Engineering Science	F2		1500	0			0	0	varies	0
Engineering and Design	F6		1500	0			0	0	varies	0
Exercise Science and Sports Medicine	J6		1500	0			0	0	varies	0
Health Information Management	J7		1500	0			0	0	varies	0
Health Support Pathway	J8		1500	0			0	0	varies	0
Health Unit Coordinator	J9		1500	0			0	0	varies	0
Home Health	JA		1500	0			0	0	varies	0
Medical Bioscience	J0		1500	0			0	0	varies	0
Medical Laboratory Technology	JC		1500	0			0	0	varies	0
Pharmacy Technician	JG		1500	0			0	0	varies	0
Practical Nursing	JJ		1500	0			0	0	varies	0
Therapeutic Pathway	JL		1500	0			0	0	varies	0
Total Lab Spaces		0			0			0		
Related Space										
CT-P2-2 Office			120	0			0	0	varies	0
CT-P2-3 Storage			200	0			0	0	varies	0
CT-P2-4 Changing Room			450	0			0	0	varies	0
Total Program Type 2				0			0			0

Laboratory and Support Spaces Notes

*The Existing SF columns are only to be used in projects where there are to be building additions

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P3

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet				0 students			Students Type A & C					OSDM Recommendation		
Laboratory Space	CTE Program Code	New		Existing*			TOTAL							
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
Supply Chain Management Laboratory Early Childhood Education Laboratory Observation Infants Kitchenette/Break room Reception Workroom Toddler Restroom Playground Area Entrepreneurship Laboratory Bookstore Display Ground Operations Laboratory Reference Room Lodging Laboratory Banquet Room Marketing Communications Laboratory Bookstore Display Marketing Management Laboratory Bookstore Display	S0	1500	0	0	0	0	0	0	varies	0	1500	0		
		E0	1500	0	0	0	0	0	0	varies	0	1500	0	
			120	0	0	0	0	0	0	varies	0	120	0	
		700	0	0	0	0	0	0	varies	0	700	0		
		350	0	0	0	0	0	0	varies	0	350	0		
		500	0	0	0	0	0	0	varies	0	500	0		
		150	0	0	0	0	0	0	varies	0	150	0		
		60	0	0	0	0	0	0	varies	0	60	0		
	S1	1000	0	0	0	0	0	0	varies	0	1000	0		
		800	0	0	0	0	0	0	varies	0	800	0		
		100	0	0	0	0	0	0	varies	0	100	0		
	T5	1500	0	0	0	0	0	0	varies	0	1500	0		
	L1	150	0	0	0	0	0	0	varies	0	150	0		
		1500	0	0	0	0	0	0	varies	0	1500	0		
	S3	800	0	0	0	0	0	0	varies	0	800	0		
900		0	0	0	0	0	0	varies	0	900	0			
	800	0	0	0	0	0	0	varies	0	800	0			
	100	0	0	0	0	0	0	varies	0	100	0			
S4	900	0	0	0	0	0	0	varies	0	900	0			
	800	0	0	0	0	0	0	varies	0	800	0			
	100	0	0	0	0	0	0	varies	0	100	0			
Total Lab Spaces		0	0	0	0	0	0	0	0	0	0	0		
Related Space														
CT-P3-2 Office		120	0	0	0	0	0	0	varies	0	120	0		
CT-P3-3 Storage		200	0	0	0	0	0	0	varies	0	200	0		
Total Program Type 3		0	0	0	0	0	0	0	0	0	0	0		

Laboratory and Support Spaces Notes

*The Existing SF columns are only to be used in projects where there are to be building additions

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P4

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet			0 students New				Students Type A & C Existing*				TOTAL			OSDM Recommendation		
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Animal Science and Management (small animal)	A2		1000	0				0	varies	0					1000	0
			1200	0					0	varies	0				1200	0
			350	0					0	varies	0				350	0
			350	0					0	varies	0				350	0
			200	0					0	varies	0				200	0
			600	0					0	varies	0				600	0
			250	0					0	varies	0				250	0
Career Paths for the Law Profession	P0															
			1200	0					0	varies	0				1200	0
			800	0					0	varies	0				800	0
Interrogation Room	J1		150	0				0	varies	0				150	0	
Clinical Health Services	J1		1200	0				0	varies	0				1200	0	
			120	0					0	varies	0			120	0	
			120	0					0	varies	0			120	0	
Cosmetology	M1															
			1600	0					0	varies	0				1600	0
			175	0					0	varies	0				175	0
			150	0					0		0				150	0
			200	0					0	varies	0				200	0
			200	0					0	varies	0				200	0
			60	0					0	varies	0				60	0
Criminal Justice	P1															
			1200	0					0	varies	0				1200	0
			800	0					0	varies	0				800	0
Interrogation Room	L0		150	0				0	varies	0				150	0	
Culinary and Food Service Operations	L0															
			1800	0					0	varies	0				1800	0
			1500	0					0	varies	0				1500	0
Dry Storage		150	0				0	varies	0				150	0		
Total Program Type 4 (Page 1)		0		0	0		0	0			0			0		0

Laboratory and Support Spaces Notes
*The Existing SF columns are only to be used in projects where there are to be building additions

Lab & Support Space Worksheet		0 students New			Students Type A & C Existing*			OSDM Recommendation		
Laboratory Space	CTE Program Code	0			TOTAL					
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Dental Assistant Laboratory	J3		1500	0			0		1500	0
X-ray Room			80	0			0		80	0
Darkroom			80	0			0		80	0
Diagnostic Pathway Laboratory	J5		1200	0			0		1200	0
Exam Room			200	0			0		200	0
Freightlifting and Emergency Medical Services Laboratory	P6		1500	0			0		1500	0
Weight Room	P4		800	0			0		800	0
Fire Fighter Training Laboratory			1500	0			0		1500	0
Weight Room			800	0			0		800	0
Media Arts	B0		1500	0			0		1500	0
Media Arts Control Room/Edit Vestibule			450	0			0		450	0
			84	0			0		84	0
Medical Assistant Laboratory	JB		1200	0			0		1200	0
Training Restroom			120	0			0		120	0
Laundry Room			120	0			0		120	0
Nurse Assisting Laboratory	JD		1200	0			0		1200	0
Training Restroom			120	0			0		120	0
Laundry Room			120	0			0		120	0
Optometric Occupations Laboratory	JE		1200	0			0		1200	0
Exam Room			100	0			0		100	0
Patient Care Technician Laboratory	JF		1500	0			0		1500	0
Training Restroom			120	0			0		120	0
Laundry Room			120	0			0		120	0
Performing Arts Laboratory	B1		1500	0			0		1500	0
Practice Room			150	0			0		150	0
Private Security Laboratory	P5		1200	0			0		1200	0
Weight Room			800	0			0		800	0
Interrogation Room			150	0			0		150	0
Surgical Technology Laboratory	JK		1000	0			0		1000	0
Operating Room			800	0			0		800	0
Instrument Room			700	0			0		700	0
Scrub Room			500	0			0		500	0
Total Lab Spaces		0		0			0		0	0
Related Space	Note 1									
CT-P4-2 Classroom			900	0			0		900	0
CT-P4-3 Office			120	0			0		120	0
CT-P4-4 Storage			200	0			0		200	0
CT-P4-5 Changing Room			450	0			0		450	0
Total Program Type 4 (Page 1)				0			0			0
Total Program Type 4 (Page 1 & 2)				0			0			0

Laboratory and Support Spaces Notes

*1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
*The Existing SF columns are only to be used in projects where there are to be building additions

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P5

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet			0 students			Students Type A & C						OSDM Recommendation		
Laboratory Space	CTE Program Code	New			Existing*			TOTAL			Qty	SF	Area	
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area				
Agribusiness and Production														
Laboratory	A0		4500	0			0	0	varies	0		4500	0	
Greenhouse			1000	0			0	0	varies	0		1000	0	
Auto Specialization	T2		3500	0			0	0	varies	0		3500	0	
Brick, Block, and Cement Masonry	D0		3500	0			0	0	varies	0		3500	0	
Building and Property Maintenance	D1		3000	0			0	0	varies	0		3000	0	
Building Technology	D2		3000	0			0	0	varies	0		3000	0	
Custodial Services	D6		2500	0			0	0	varies	0		2500	0	
Electrical Trades	D7		3000	0			0	0	varies	0		3000	0	
Environmental Control Technologies	D8		3000	0			0	0	varies	0		3000	0	
Heavy Equipment Operations	D9		4500	0			0	0	varies	0		4500	0	
Integrated Systems Technology	R2		3500	0			0	0	varies	0		3500	0	
Interior Design Applications	DA		3000	0			0	0	varies	0		3000	0	
Manufacturing Design and Development	R3		4500	0			0	0	varies	0		4500	0	
Natural Resource Management	A6													
Laboratory			3000	0			0	0	varies	0		3000	0	
Greenhouse			1000	0			0	0	varies	0		1000	0	
Plumbing and Pipefitting	DB		3000	0			0	0	varies	0		3000	0	
Power Equipment Technology	T8		3500	0			0	0	varies	0		3500	0	
Power Transmission	F4		3500	0			0	0	varies	0		3500	0	
Welding and Cutting	R6		3500	0			0	0	varies	0		3500	0	
Total Lab Spaces		0			0			0			0		0	
Related Space - List per Program add rows as needed														
CT-P5-2 Classroom	Note 1		900	0			0	0	varies	0		900	0	
CT-P5-3 Office			120	0			0	0	varies	0		120	0	
CT-P5-4 Storage	Note 2		200	0			0	0	varies	0		200	0	
CT-P5-5 Changing Room			270	0			0	0	varies	0		270	0	
CT-P5-6 Tool Crib			550	0			0	0	varies	0		550	0	
CT-P5-7 Reference Room			200	0			0	0	varies	0		200	0	
CT-P5-8 Toilet Room			68	0			0	0	varies	0		68	0	
Total Program Type 5				0			0	0					0	

Laboratory and Support Spaces Notes	
1:	One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
2:	Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.
*The	Existing SF columns are only to be used in projects where there are to be building additions

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students			Students Type A & C			OSDM Recommendation		
Laboratory Space	CTE Program Code	New			Existing*			TOTAL		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Auto Collision Repair Laboratory	T1		5000	0			0		5000	0
Auto Parts Storage			300	0			0		300	0
Auto Technology	T3									
Laboratory			5000	0			0		5000	0
Engine Storage			800	0			0		800	0
Machine Room			900	0			0		900	0
Flammable Material Storage			60	0			0		60	0
Carpentry	D3									
Laboratory			4000	0			0		4000	0
Finishing Room			500	0			0		500	0
Material Storage			800	0			0		800	0
Construction - Management	D5									
Laboratory			3000	0			0		3000	0
CADD Room			400	0			0		400	0
Construction - Design / Build	D4									
Laboratory			3000	0			0		3000	0
CADD Room			400	0			0		400	0
Construction Design and Management Laboratory	DF		3000	0			0		3000	0
CADD Room			400	0			0		400	0
Engineering Technology	F3									
Laboratory			1500	0			0		1500	0
CADD Room			400	0			0		400	0
Food Science and Technology	A4									
Laboratory			2000	0			0		2000	0
Freezer			400	0			0		400	0
Cooler			400	0			0		400	0
Retail			400	0			0		400	0
Ground Transportation Laboratory	T9		5000	0			0		5000	0
Engine Storage			800	0			0		800	0
Machine Room			900	0			0		900	0
Flammable Material Storage			60	0			0		60	0
Horticulture	A5									
Laboratory			2000	0			0		2000	0
Retail			400	0			0		400	0
Greenhouse			3000	0			0		3000	0
Industrial Power Technology	A1									
Laboratory			5000	0			0		5000	0
Engine Storage			1000	0			0		1000	0
Flammable Material Storage			200	0			0		200	0
Total Program Type 6		0		0	0		0	0		0

Laboratory and Support Spaces Notes

1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.

2: Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.

*The Existing SF columns are only to be used in projects where there are to be building additions

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P6

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students			Students Type A & C			OSDM Recommendation		
		New			Existing*			TOTAL		
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Manufacturing Occupations										
Laboratory	R7		3500	0			0	0	varies	0
CNC Room			900	0			0	0	varies	0
Inspection Room			150	0			0	0	varies	0
Mechanical, Electrical, and Plumbing										
Laboratory	DE		3000	0			0	0	varies	0
CADD Room			400	0			0	0	varies	0
Medium/Heavy Truck Technician										
Laboratory	T7		6000	0			0	0	varies	0
Engine Storage			800	0			0	0	varies	0
Flammable Material Storage			60	0			0	0	varies	0
Machine Room			900	0			0	0	varies	0
Precision Machining										
Laboratory	R5		3500	0			0	0	varies	0
CNC Room			900	0			0	0	varies	0
Inspection Room			150	0			0	0	varies	0
Structural Systems										
Laboratory	DD		3000	0			0	0	varies	0
CADD Room			400	0			0	0	varies	0
Wood Product Technologies										
Laboratory	DC		3000	0			0	0	varies	0
Finishing Room			500	0			0	0	varies	0
Material Storage			800	0			0	0	varies	0
Total Lab Spaces		0			0			0		
Related Space - List per Program add rows as needed										
Note 1										
CT-P6-2 Related Classroom			900	0			0	0	varies	0
CT-P6-3 Office			120	0			0	0	varies	0
CT-P6-5 Changing Room			270	0			0	0	varies	0
Note 2										
CT-P6-4 Storage			200	0			0	0	varies	0
CT-P6-6 Tool Crib			550	0			0	0	varies	0
CT-P6-7 Reference Room			200	0			0	0	varies	0
CT-P6-8 Toilet Room			68	0			0	0	varies	0
Total Program Type 6 (Page 1)				0			0			0
Total Program Type 6 (Page 1 & 2)				0			0			0

Laboratory and Support Spaces Notes

- One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
 - Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.
- *The Existing SF columns are only to be used in projects where there are to be building additions

CHAPTER 2: BRACKETING

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P7

Lab & Support Space Worksheet			0 students				Students Type A & C				OSDM Recommendation		
			New		Existing*		TOTAL						
			Qty	SF	Area	Qty	SF	Area	Qty	SF			
Laboratory Space	CTE Program Code	T0	Aircraft Maintenance Laboratory	13000	0			0	varies	0	13000	0	
			Cleaning Room	400	0			0	varies	0	400	0	
			Parts Storage	300	0			0	varies	0	300	0	
			Hazardous Materials Storage	60	0			0	varies	0	60	0	
			Paint Storage	100	0			0	varies	0	100	0	
Air Transportation	TA												
			Laboratory	13000	0			0	varies	0	13000	0	
			Cleaning Room	400	0			0	varies	0	400	0	
			Hazardous Materials Storage	60	0			0	varies	0	60	0	
			Paint Storage	100	0			0	varies	0	100	0	
		A2	Animal Science & Management (Equine) Laboratory	8000	0			0	varies	0	8000	0	
			Stables	6800	0			0	varies	0	6800	0	
			Total Lab Spaces	0			0	0					
Related Space	Note 1		CT-P7-2 Classroom	900	0			0	varies	0	900	0	
			CT-P7-3 Office	120	0			0	varies	0	120	0	
			CT-P7-4 Storage	200	0			0	varies	0	200	0	
	Note 3		CT-P7-5 Changing Room	270	0			0	varies	0	270	0	
			CT-P7-6 Tool Crib	550	0			0	varies	0	550	0	
			CT-P7-7 Reference Room	200	0			0	varies	0	200	0	
			CT-P7-8 Toilet Room	68	0			0	varies	0	68	0	
			Total Program Type 7		0		0	0					0

Laboratory and Support Spaces Notes
1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
2: Support will be provided for only the first 10,000 SF for any one program.
3: Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.
*The Existing SF columns are only to be used in projects where there are to be building additions

COMPREHENSIVE 9-12 SCHOOL & CAREER PROGRAMS
INTRODUCTION & INSTRUCTIONS

CHAPTER 2: BRACKETING

Introduction:

This page is meant to provide the School District and Design Professional with a simple tool for completing a Program of Requirements for a Comprehensive 9-12 School including Career Technical Programs. Please follow the directions found below and fill in the yellow cells.

Please indicate in the yellow cells the projected number of students in each type.

This information can be found in the Master Plan or the district's enrollment projections.

Career Technical

Onsite

Offsite

Academic

CT

PO RS.

Student Type A

Student Type B

Student Type C

Student Type D

Student Type E

Traditional Non-Career Technical Students

There should be no Type D Students. They take both the Career Tech and Core programming at another site.

Comp HS School - Relates to location of CT Students			
Type A - Fulltime	Acad On-site + CT On-site of Comp HS	Acad Off-site + CT On-site of Comp HS	Acad Off-site + CT Off-site of Comp HS
Type B - CT Off-site	Acad On-site + CT Off-site of Comp HS	Acad Off-site + CT Off-site of Comp HS	Acad Off-site + CT Off-site of Comp HS
Type C - CT On-site	Acad On-site + CT On-site of Comp HS	Acad Off-site + CT On-site of Comp HS	Acad Off-site + CT Off-site of Comp HS

JVS/Compact School - Relates to location of Academic Students	
Type A - Full time	Acad On-site + CT On-site of JVS
Type B - Acad On-site	Acad On-site + CT Off-site of JVS
Type C - Acad Off-site	Acad Off-site + CT On-site of JVS

All student descriptions are in relation to the school being programmed.

Student Type A - Comprehensive Career-Technical Student/Full Time Career Technical Student (Grades 11-12)

Spends entire day at school attending academics and career-technical programming.

Student Type B - Career-Technical Off-Site Student (Grades 11-12)

Attends academic courses at the school and attends career-technical courses at another location, i.e. JVS, comprehensive high school in another district, etc.

Student Type C - Career-Technical On-Site Student (Grades 11-12)

Attends career-technical courses at the school and attends academics at another location, i.e., high school in another district or high school within the same district.

Student Type D - Full-Time Career-Technical Student-Attends all classes off site.

Attends both academic and career-technical courses at a site other than the home high school.

Student Type E - Does not participate in career technical programming. (9-12 Grades)

Does not participate in Career Technical programming.

Career Tech Students					Non-CT	
Grade	A	B	C	E	Totals	
9-12					0	
Total	0	0	0	0	0	

WORKSHEET					
	Career Tech Part Time	Academic Part Time	Academic Full Time Non-CT	SF/Student	Area
Student Type A (CT)	0	0	0		
Student Type B (CT)	0	0	0		
Student Type C (CT)	0	0	0	0	
Student Type E - High School Grades 9-12 (non-CT)	0	0	0		
Total Student Enrollment per Student Type					
Career Technical Core Space					
Career Technical Program Space					
Total Career Technical Space				0	
Total A, B & E Students for Vertical Circulation Calculation				0	
Total Gross Square Footage				0	
SELECT ONE -> 0 Single or Two Story Buildings 0 3 Stories or greater					
Vert. Circ. Area Allowance (3 Stories or greater)					
Vertical Circulation (3 Stories or greater) refers only to stairways, escalators, monumental stairs, elevators, and elevator equipment rooms.					
Total Adjusted POR Gross Square Footage					0

CORE SPACE ONLY					OSDM Recommendation
Core Spaces	NEW	Students Type E Existing*	TOTAL	Students Type A & B Existing*	
H/CT-AC Academic Core	0	0	0	0	0
H/CT-SE Spec. Ed./Student Svs.	0	0	0	na	0
H/CT-AD Administration	0	0	0	na	0
H/CT-MC Media Center	0	0	0	na	0
H-VA Visual Arts	0	0	0	na	0
H-MU Music	0	0	0	na	0
H-TE Technology Education	0	0	0	na	0
H-BE Business Education	0	0	0	na	0
H-FCS Family and Consumer Science	0	0	0	na	0
H-PE Physical Education	0	0	0	na	0
H/CT-SD Student Dining	0	0	0	na	0
H/CT-FS Food Service	0	0	0	na	0
H/CT-CU Custodial	0	0	0	na	0
Net Core Space	0	0	0	0	0
H/CT-BS Building Services	0	0	0	na	0
Total Core Space	0	0	0	0	0
Construction Factor (11%)	0	0	0	0	0
Actual Gross Core Space Developed	0	0	0	0	0
Minus existing co-funded Oversize Area from Master Plan					na See Note 1
Adjusted Existing Area					0
Total Adjusted Gross Square Footage Developed (without Oversize Area)					0
Maximum Gross Core SF Co-Funded					0
Difference					0

CAREER TECHNICAL PROGRAM SPACE ONLY				OSDM Recommendation SF # of Labs
Career Technical Program Spaces	Total Lab Spaces Developed	NEW	Students Type A & C Existing*	
CT-P1 Program Type 1	0	0	0	0
CT-P2 Program Type 2	0	0	0	0
CT-P3 Program Type 3	0	0	0	0
CT-P4 Program Type 4	0	0	0	0
CT-P5 Program Type 5	0	0	0	0
CT-P6 Program Type 6	0	0	0	0
CT-P7 Program Type 7	0	0	0	0
Net CT Program Spaces	0	0	0	0
CT Building Services				
Total CT Program Space				
CT Construction Factor (11%)				
Actual Gross CT Program Space Developed				
Maximum Gross CT Program SF Co-Funded				
Difference				
Total Gross Square Feet Co-Funded	0			
Total Gross Square Feet Developed-Core & CT Program	0			
Difference / Locally Funded Initiative	0			
Worksheet Notes				
1. Existing Gross Square Feet taken from master facility plan.				
2. Oversize Area taken from master facility plan.				
* Existing SF columns are to be used in projects with building additions or renovations.				

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 9-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 372 STUDENTS			
Space	Qty	SF	Area
H-AC-1 High School Classroom	6	900	5,400
H-AC-2 Science Classroom - General Physics	1	1,200	1,200
H-AC-3 Science Classroom - Chemistry	1	1,200	1,200
H-AC-4 Science Classroom - Biology	1	1,200	1,200
H-AC-5 Science Prep	2	200	400
H-AC-6 Teacher Prep Area/Workroom	1	300	300
H-AC-7 Individual Restroom	1	60	60
H-AC-8 Project Classroom	1	1,000	1,000
H-AC-9 Small Group Room	1	150	150
H-AC-10 Instructional Material Storage	1	50	50
H-AC-11 Multi-Use Room	0	1,500	0
H-AC-12 Science Laboratory	0	1,000	0
H-AC-9a Small Group Room	0	150	0
H-AC-13 Multi-use Studio	0	1,500	0
H-AC-14 Kinesthetic Learning Studio	0	1,200	0
Academic Core Total			10,960

See Note 1
See Note 2
See Note 3
See Note 4
See Note 4
See Note 4

CAREER TECHNICAL PROGRAM SPACE EXAMPLE											
400 Students			600 Students			800 Students			1000 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF
CT-AC-1 Academic classroom	7	900	6,300	13	900	11,700	17	900	15,300	22	900
CT-AC-2 Computer room	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400	2	1,200
CT-AC-3 General Science/Physics	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400	2	1,200
CT-AC-4 Biology	1	1,200	1,200	1	1,200	1,200	2	1,200	2,400	2	1,200
CT-AC-5 Chemistry	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200	1	1,200
CT-AC-6 Science Prep	1	300	300	2	300	600	2	300	600	3	300
CT-AC-7 Teacher Prep/workroom	3	300	900	4	300	1,200	4	300	1,200	4	300
CT-AC-8 Individual restroom	2	60	120	2	60	120	4	60	240	4	60
CT-AC-9 Small group room	2	140	280	2	150	300	3	150	450	3	150
CT-AC-10 Instructional material storage	4	50	200	4	75	300	4	100	400	4	120
CT-AC-11 Multipurpose room	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500	1	1,500
CT-AC-12 Science Laboratory	0	1,000	0	0	1,000	0	0	0	0	0	1,000
Academic Core Total			14,400			20,520			26,880		33,370

Square Footage Allowance Notes			
Enroll	1	2	3
350-450	300	300	50
451-600	300	300	100
601-1200	400	400	150
1201-1600	400	600	200

See Note 1
See Note 2

Academic Core Notes	
Number	Notes
4	These spaces are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are: H-AC-9a=150 SF, H-AC-13 Multi-use Studio=1500 SF, H-AC-14 Kinesthetic Studio=1200 SF.

See Note 3

High School 9-12 Students (non-CT)

Academic Core Worksheet											
0 HS students - Students Type E			0 HS students - Students Type A & B			0 COMBINED			OSDM Recommendation		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF
H-CT-AC-1 Academic Classroom	900	0	0	900	0	0	0	varies	0	900	0
H-AC-2/CT-AC-3 Science Classroom - General Physics	1,200	0	0	1,200	0	0	0	varies	0	1,200	0
H-CT-AC-4 Science Classroom - Chemistry	1,200	0	0	1,200	0	0	0	varies	0	1,200	0
H-AC-3/CT-AC-5 Science Classroom - Biology	1,200	0	0	1,200	0	0	0	varies	0	1,200	0
H-AC-5/CT-AC-6 Science Prep	300	0	0	300	0	0	0	varies	0	300	0
H-AC-6/CT-AC-7 Teacher Prep/workroom	300	0	0	300	0	0	0	varies	0	300	0
H-AC-7/CT-AC-8 Individual restroom	60	0	0	60	0	0	0	varies	0	60	0
H-CT-AC-9 Small group room	150	0	0	150	0	0	0	varies	0	150	0
H-CT-AC-10 Instructional Material storage	50	0	0	50	0	0	0	varies	0	50	0
H-CT-AC-11 Multipurpose room	1,500	0	0	1,500	0	0	0	varies	0	1,500	0
H-CT-AC-12 Science Laboratory	1,000	0	0	1,000	0	0	0	varies	0	1,000	0
H-AC-8 Project/Classroom	1,100	0	0	1,100	0	0	0	varies	0	1,100	0
CT-AC-2 Computer room	150	0	0	150	0	0	0	varies	0	150	0
H-AC-9a Small Group Room	1,500	0	0	1,500	0	0	0	varies	0	1,500	0
H-AC-13 Multi-use Room	1,200	0	0	1,200	0	0	0	varies	0	1,200	0
H-AC-14 Kinesthetic Learning Studio	0	0	0	0	0	0	0	varies	0	0	0
Academic Core Total											

Academic Core Notes	
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.	

The following is an example of a Comprehensive 9-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 372 STUDENTS			
Space	Qty	SF	Area
H-SE-1 Self-contained Classroom	1	900	See Note 1
H-SE-2 Workroom/Conference	1	150	See Note 2
H-SE-3 Restroom/Shower	1	100	See Note 2
H-SE-4 Special Education/Resource	0	900	See Note 3
H-SE-5 Small Self-Contained Classroom	1	600	See Note 3
Special Education Total			1,750

Note: Special Education spaces are determined by using the bracketing table for each type of student.

PROGRAM SPACE EXAMPLE											
400 Students			600 Students			800 Students			1000 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF
CT-SE-1 Classroom	1	900	900	1	900	900	2	900	1,800	2	900
CT-SE-2 Workroom/conference	1	150	150	1	150	150	2	150	300	2	150
CT-SE-3 Restroom/shower	1	100	100	1	100	100	1	100	100	1	100
CT-SE-4 Career Technical Evaluation	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200	1	1,200
CT-SE-5 Small group room	1	360	360	1	360	360	1	360	360	2	720
CT-SE-6 Job training Office	1	120	120	1	120	120	1	120	120	2	240
CT-SE-7 Resource room	1	900	900	1	900	900	1	900	900	2	1,800
CT-SE-8 Storage	1	150	150	1	150	150	1	150	150	1	150
Spec. Ed./Student Services Total			4,000			4,000			5,170		5,290

High School 9-12 Students (non-CT) 0

Sp. Ed./Stud. Svcs. Worksheet											
HS students - Students Type E			HS students - Students Type A & B			COMBINED			TOTAL		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF
H/CT-SE-1 Self-contained Classroom	1	900	900	0	0	0	0	0	0	0	0
H/CT-SE-2 Workroom/Conference	1	150	150	0	0	0	0	0	0	0	0
H/CT-SE-3 Restroom/shower	1	100	100	0	0	0	0	0	0	0	0
H-SE-4/CT-SE-4 Resource room	1	900	900	0	0	0	0	0	0	0	0
H-SE-5 Small Self-Contained Classroom	1	600	600	0	0	0	0	0	0	0	0
CT-SE-4 Career Technical Evaluation	0	0	0	0	0	0	0	0	0	0	0
CT-SE-5 Career Technical Office	0	0	0	0	0	0	0	0	0	0	0
CT-SE-6 Small group room	0	0	0	0	0	0	0	0	0	0	0
CT-SE-7 Job training Office	0	0	0	0	0	0	0	0	0	0	0
CT-SE-9 Storage	0	0	0	0	0	0	0	0	0	0	0
Spec. Ed./Student Services Total			0			0			0		0

Special Education Notes	
Number	Notes
1	Self-contained classroom(s) could house various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.
2	Workroom/Conference could house orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.
3	Special Education/Resource could house cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic, brain injury, learning disability, deaf/blindness, etc.
*	See Chapter 1, Section 1110 for more information. *The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

School District Name, School Building Name
ADMINISTRATIVE SPACES
Comp 9-12/CT - AD

The following is an example of a Comprehensive 9-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
H-AD-1 Reception Area	1	250	250
H-AD-2 Secretarial Area	1	250	250
H-AD-3 Principal's Office	1	150	150
H-AD-4 Assistant Principal's Office	1	120	120
H-AD-5 Conference Room	1	250	250
H-AD-6 Mail/Work/Copy Room	1	200	200
H-AD-7 Administrative Storage	1	150	150
H-AD-8 Vault/Records Storage	1	85	85
H-AD-9 In-school Suspension	1	200	200
H-AD-10 Restroom	1	60	60
H-AD-11 Guidance Counselor's Office	2	120	240
H-AD-12 Guidance Records/Storage	1	100	100
H-AD-13 Guidance Conference Room	1	100	100
H-AD-14 Parent/Volunteer Room	1	200	200
H-AD-15 Health Clinic (includes restroom)	1	400	400
H-AD-16 Itinerant Personnel Office	1	120	120
H-AD-17 Guidance Conf. & Career Ctr.	1	300	300
Administrative Total			3,175

Administrative Notes											
Student Enrollment	1	2	3	4	5	6	7	8	9	10	11
350-450 Students	200	200	200	150	85	100	150	200	400	200	300
451-600 Students	400	400	300	150	110	100	200	300	450	325	400
601-750 Students	500	500	400	200	145	200	250	400	500	450	500
751-900 Students	600	600	500	200	175	200	250	400	550	575	700
Enrollment determines SF allowed											

See Note 1
See Note 2
See Note 3
See Note 4
See Note 5
See Note 10
See Note 6
See Note 7
See Note 8
See Note 9
See Note 11

Note: Non-career technical students and career technical students are combined to determine the bracketing.

High School 9-12 Students (ALL)

Administrative Worksheet											
Space	HS students - COMBINED			Existing*			TOTAL			OSDM Recommendation	
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF
H/CT-AD-1 Reception area		200	0			0		0	varies	0	200
H/CT-AD-2 Secretarial space		200	0			0		0	varies	0	200
H/CT-AD-3 Director/Principal's office		150	0			0		0	varies	0	150
H/CT-AD-4 Asst. Dir./Principal office		120	0			0		0	varies	0	120
H-AD-5/CT-AD-7 Conference room		250	0			0		0	varies	0	250
H-AD-6/CT-AD-8 Mail/work/copy room		200	0			0		0	varies	0	200
H-AD-7/CT-AD-9 Administrative Storage		150	0			0		0	varies	0	150
H-AD-8/CT-AD-10 Vault/records		85	0			0		0	varies	0	85
H-AD-10/CT-AD-11 Restroom		60	0			0		0	varies	0	60
H-AD-11/CT-AD-12 Guidance counselor		120	0			0		0	varies	0	120
H-AD-12/CT-AD-13 Guidance records/storage		100	0			0		0	varies	0	100
H-AD-13/CT-AD-14 Guidance conference		150	0			0		0	varies	0	150
H-AD-14/CT-AD-15 Parent/volunteer		200	0			0		0	varies	0	200
H-AD-15/CT-AD-16 Health clinic (includes restroom)		400	0			0		0	varies	0	400
H-AD-16/CT-AD-17 Itinerant personnel		120	0			0		0	varies	0	120
H-AD-09/CT-AD-18 In-school suspension		200	0			0		0	varies	0	200
H-AD-17 Guidance Conf. & Career Ctr.		300	0			0		0	varies	0	300
CT-AD-5 Supervisor's office		120	0			0		0	varies	0	120
CT-AD-6 Coordinator's office		120	0			0		0	varies	0	120
Administrative Total			0			0			0		0

Administrative Notes

*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
MEDIA CENTER SPACES
Comp 9-12/CT - MC

The following is an example of a Comprehensive 9-12 School including Career Technical Programs.
 The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 372 STUDENTS			
Space	Qty	SF	Area
H-MC-1 Reading Room/Circulation	1	1,302	1,302
H-MC-2 Media Specialist Office	1	120	120
H-MC-3 Workroom/Storage	1	250	250
H-MC-4 Main Control/Equipment Rm	1	300	300
H-MC-5 Conference Room	1	250	250
H-MC-6 Multimedia Production Room	1	300	300
H-MC-7 Document Storage	1	100	100
H-AC-9 Small Group Room	1	100	100
Media Center Total			2,722

Square Footage Allowance Notes			
Student Enrollment	2	3	4
350-450 Students	300	200	160
451-800 Students	400	300	260
801-1200 Students	500	300	280
1201-1600 Students	600	400	330
Enrollment Determines SF Allowed			

See Note 1

See Note 2

See Note 3

See Note 4

Note: Non-career technical students and career technical students are combined to determine the bracketing.

High School 9-12 Students (ALL)	0
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Media Center Worksheet									
0 HS students - COMBINED									
Space	New		Existing*		TOTAL		OSDM Recommendation		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H/CT-MC-1 Reading Room/Circulation		0	0	0	varies	0		0	See Note 1
H/CT-MC-2 Media Specialist Office		120	0	0	varies	0		120	0
H/CT-MC-3 Workroom/Storage		300	0	0	varies	0		300	See Note 2
H/CT-MC-4 Main Control/Equipment Rm		300	0	0	varies	0		300	0
H-MC-5 Conference Room		250	0	0	varies	0		250	0
H-MC-6 Multimedia Production Room		500	0	0	varies	0		500	0
H-MC-7 Document Storage		200	0	0	varies	0		200	See Note 3
H/CT-AC-9 Small group room		160	0	0	varies	0		160	See Note 4
Media Center Total			0	0		0			0

Media Center Notes
1: The size of the reading room/circulation space is equal to 10% of the high school student enrollment multiplied by 35 SF per student.
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

The following is an example of a Comprehensive 9-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces

EXAMPLE - 372 STUDENTS			
Space	Qty	SF	Area
H-VA-1 High School Art Room	1	1,200	1,200
H-VA-2 Kiln/Ceramic Storage	1	150	150
H-VA-3 Art Material Storage	1	150	150
Visual Arts Total			1,500

Visual Art SF Allowance Notes			
Student Enrollment	1	2	3
350-450 Students	1200	100	200
451-800 Students	1200	200	300
801-1200 Students	1400	200	300
Above 1200 Students	1400	200	300
Enrollment Determines SF Allowed			

Note: Only non-career technical students are used to determine the bracketing.

High School 9-12 Students (non-CT)	0
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Visual Art Worksheet		0 HS students - Students Type E										OSDM Recommendation		
		New			Existing*			TOTAL						
								Qty	SF	Area	Qty			
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-VA-1	Art Room		1,200	0				0	0	varies	0		1,200	0
H-VA-2	Kiln/Ceramic Storage		100	0				0	0	varies	0		100	0
H-VA-3	Art Material Storage		200	0				0	0	varies	0		200	0
Visual Arts Total								0	0		0			0

See Note 1
See Note 2
See Note 3

Visual Art Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
MUSIC SPACES
 Comp 9-12/CT - MU

The following is an example of a Comprehensive 9-12 School including Career Technical Programs.
 The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 372 STUDENTS			
Space	Qty	SF	Area
H-MU-1 Instrumental Room	1	1,800	1,800
H-MU-2 Instrument Storage	1	350	350
H-MU-3 Orchestra Storage	0	250	0
H-MU-4 Instrumental Music Office/Library	1	120	120
H-MU-5 Uniform Storage	0	200	0
H-MU-6 Vocal Room	0	1,150	0
H-MU-7 Vocal Storage	0	200	0
H-MU-8 Vocal Music Office/Library	1	120	120
H-MU-9 Ensemble Room	1	200	200
H-MU-10 Practice Room	1	80	80
Music Total			2,670

MusicSquare Footage Allowance Notes							
Student Enrollment	1	2	3	4	5	6	7
350-450 Students	1800	400	200	150	1200	150	200
451-800 Students	2000	500	250	200	1200	200	300
801-1200 Students	2500	600	250	300	1200	300	300
1201-1600 Students	3000	700	350	300	1500	300	300
Enrollment Determines SF Allowed							

See Note 1
 See Note 2
 See Note 3
 See Note 4
 See Note 5
 See Note 6
 See Note 7

Note: Only non-career technical students are used to determine the bracketing.

High School 9-12 Students (non-CT)	0
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Music Worksheet		HS students - Students Type E				OSDM Recommendation			
Space		New		Existing*		TOTAL		Qty	SF
		Qty	Area	Qty	Area	Qty	Area		
H-MU-1 Instrumental Room		1,800	0	0	varies	0	1,800	0	See Note 1
H-MU-2 Instrument Storage		400	0	0	varies	0	400	0	See Note 2
H-MU-3 Orchestra Storage		200	0	0	varies	0	200	0	See Note 3
H-MU-4 Instrumental Music Office/Library		120	0	0	varies	0	120	0	
H-MU-5 Uniform Storage		150	0	0	varies	0	150	0	See Note 4
H-MU-6 Vocal Room		1,200	0	0	varies	0	1,200	0	See Note 5
H-MU-7 Vocal Storage		150	0	0	varies	0	150	0	See Note 6
H-MU-8 Vocal Music Library		120	0	0	varies	0	120	0	
H-MU-9 Ensemble Room		200	0	0	varies	0	200	0	See Note 7
H-MU-10 Practice Room		80	0	0	varies	0	80	0	
Music Total			0	0		0		0	

Music Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 9-12 School including Career Technical Programs. The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 372 STUDENTS				HS or 6-12 SF Allowance Notes	
Space	Qty	SF	Area	Student Enrollment	1
H-TE-1 Modular Technology Lab	1	1,800	1,800	350-450 Students	150
H-TE-1a Ag-Ed Lab	0	1,800	0	451-800 Students	200
H-TE-2 Storage	1	150	150	801-1200 Students	200
H-TE-3 CAD Lab	0	1,200	0	1201-1600 Students	200
H-TE-4 Production Lab	0	1,600	0	Enrollment Determines SF Allowance	
Technology Education Total			1,950		

See Note 1

Note: Only non-career technical students are used to determine the bracketing.

High School 9-12 Students (non-CT)	0
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Tech. Ed. Worksheet	0 HS students - Students Type E						OSDM Recommendation		
	New			Existing*			TOTAL		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
H-TE-1 Modular Technology Lab		1,800	0			0	0	1,800	0
or									
H-TE-1a Ag-Ed Lab		1,800	0			0	0	1,800	0
H-TE-2 Storage		150	0			0	0	150	0
H-TE-3 CADD Lab		1,200	0			0	0	1,200	0
H-TE-4 Production Lab		1,600	0			0	0	1,800	0
Technology Education Total			0			0	0		0

See Note 1

Technology Education Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
BUSINESS EDUCATION SPACES
Comp 9-12/CT - BE

The following is an example of a Comprehensive 9-12 School including Career Technical Programs.
 The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 372 STUDENTS				
Space	Qty	SF	Area	
H-BE-1 Computer and Business Classroom	0	1,200	0	
H-BE-2 Marketing Classroom	0	900	0	
H-BE-3 Workroom/Storage	0	100	0	See Note 1
Business Education Total			0	

Square Footage Allowance Note	Student Enrollment	1
350-450 Students		100
451-800 Students		200
801-1200 Students		250
1201-1600 Students		300
Enrollment Determines SF Allowance		

Note: Only non-career technical students are used to determine the bracketing.

High School 9-12 Students (non-CT)	0
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Bus. Ed. Worksheet	0 HS students - Students Type E									
	New					Existing*				
	TOTAL									
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	OSDM Recommendation
H-BE-1 Computer and Business Classroom		1,200	0			0	varies	0	1,200	0
H-BE-2 Marketing Classroom		900	0			0	varies	0	900	0
H-BE-3 Workroom/Storage		100	0			0	varies	0	100	0
Business Education Total			0							0

See Note 1

See Note 1

Technology Education Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

School District Name, School Building Name
FAMILY AND CONSUMER SCIENCE SPACES
Comp 9-12/CT - FCS

The following is an example of a Comprehensive 9-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 372 STUDENTS				
Space	Qty	SF	Area	
H-FCS-1 Life Skills Lab	1	1,200	1,200	
H-FCS-2 Life Skills Storage	1	200	200	
H-FCS-3 Laundry	1	150	150	
H-FCS-4 Child Development	0	1,200	0	
Family and Consumer Science Total				1,550

See Note 1

Square Footage Allowance Note	
Student Enrollment	1
350-450 Students	200
451-800 Students	250
801-1200 Students	300
1201-1600 Students	350
Enrollment Determines SF Allowed	

Note: Only non-career technical students are used to determine the bracketing.

High School 9-12 Students (non-CT)	0
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F & C Sci. Worksheet		0 HS students - Students Type E						OSDM Recommendation			
		New			Existing*					TOTAL	
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H-FCS-1	Life Skills Lab		1,200	0			0		0	varies	0
H-FCS-2	Life Skills Storage		200	0			0		0	varies	0
H-FCS-3	Laundry		150	0			0		0	varies	0
H-FCS-4	Child Development		1,200	0			0		0	varies	0
Family and Consumer Science Total				0			0				0

See Note 1

Family & Consumer Science Notes

*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

School District Name, School Building Name
PHYSICAL EDUCATION SPACES
Comp 9-12/CT - PE

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 9-12 School including Career Technical Programs. The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 372 STUDENTS				Square Footage Allowance Notes									
Space		Qty	SF	Area	Student Enrollment	1	3	4	5	6	7	8	9
H-PE-1	Gymnasium	1	9,300	9,300	350-450 Students	9300	550	200	400	100	200	750	1400
H-PE-2	Auxiliary Gymnasium	0	7,000	0	451-800 Students	10700	650	250	600	200	300	1500	1400
H-PE-3	Student Locker Room	2	550	1,100	801-1200 Students	12400	700	300	800	200	400	1500	1600
H-PE-4	Student Restroom/Shower	2	200	400	1201-1600 Students	14000	850	350	1000	200	500	2000	1800
H-PE-5	Physical Education Storage	1	400	400	Enrollment Determines SF Allowed								
H-PE-6	P.E./Athletic Office	2	75	150									
H-PE-7	Staff Shower	2	75	150									
H-PE-8	Athletic Director's Office	0	120	0									
H-PE-9	Lobby Services	1	100	100									
H-PE-10	Training Room	0	200	0									
H-PE-11	Physical Health Classroom	0	750	0									
H-PE-12	Multi-use P.E. Room	0	1,400	0									
Physical Education Total				11,600									

Note: Only non-career technical students are used to determine the bracketing.

High School 9-12 Students (non-CT) 0

Phys. Ed. Worksheet		HS students - Students Type E				OSDM Recommendation			
Space	Qty	New		Existing*		TOTAL		Qty	SF
		SF	Area	Qty	SF	Area	Qty		
H-PE-1 Gymnasium		9,300	0			0	0		9,300
H-PE-2 Auxiliary Gymnasium		7,000	0			0	0		7,000
H-PE-3 Student Locker Room		550	0			0	0		550
H-PE-4 Student Restroom/Shower		200	0			0	0		200
H-PE-5 Physical Education Storage		400	0			0	0		400
H-PE-6 P.E./Athletic Office		75	0			0	0		75
H-PE-7 Staff Shower		120	0			0	0		120
H-PE-8 Athletic Director's Office		100	0			0	0		100
H-PE-9 Lobby Services		200	0			0	0		200
H-PE-10 Training Room		750	0			0	0		750
H-PE-11 Physical Health Classroom		1,400	0			0	0		1,400
H-PE-12 Multi-use P.E. Room			0			0	0		
Physical Education Total			0			0	0		0

Physical Education Notes

2: Auxiliary gymnasium is 7,000 SF regardless of the number of students.
 *The Existing SF columns are to be used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 9-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
H-SD-1 Student Dining	1	3,792	3,792
H-SD-2 Stage	1	1,000	1,000
H-SD-7 Staff Dining	0	250	0
H-SD-8 Table Storage	1	300	300
H-SD-3 Scene Shop and Storage	1	350	350
H-SD-4 Make-up/Dressing Rooms	2	200	400
H-SD-5 Theatrical Control Room	1	150	150
H-SD-6 Drama Storage	1	150	150
H-SD-9 Family Restroom	1	80	80
Student Dining Total			6,222

Square Foot Allowance Notes			
Student Enrollment	3	4	
350-500 Students	250	300	
501-700 Students	400	400	
701-900 Students	550	500	
Above 901 Students	700	600	
Enrollment Determines SF Allowed			

Square Foot Allowance Notes			
Student Enrollment	5	6	7
350-450 Students	400	200	200
451-800 Students	450	250	400
801-1200 Students	500	250	500
Above 1201 Student	600	300	600
Enrollment Determines SF Allowed			

Note: Non-career technical students and career technical students are combined to determine the bracketing.

High School 9-12 Students (ALL) 0

Student Dining Worksheet		0 HS students - COMBINED				OSDM Recommendation			
		New		Existing*		TOTAL		Qty	SF
		Qty	SF	Area	Qty	SF	Area		
H/CT-SD-1 Student Dining			3,000	0		0	varies	0	See Note 1
H/CT-SD-2 Stage			1,000	0		0	varies	0	See Note 2
H-SD-7/CT-SD-3 Staff Dining			250	0		0	varies	0	See Note 3
H-SD-8/CT-SD-4 Table Storage			300	0		0	varies	0	See Note 4
H-SD-3 Scene Shop and Storage			400	0		0	varies	0	See Note 5
H-SD-4 Make-up/Dressing Rooms			200	0		0	varies	0	See Note 6
H-SD-5 Theatrical Control Room			200	0		0	varies	0	See Note 7
H-SD-6 Drama Storage			200	0		0	varies	0	
H-SD-9/CT-SD-5 Family Restroom			80	0		0	varies	80	0
Student Dining Total				0		0		0	0

Student Dining Notes	
1:	The size of the student dining space is equal to one-third of the student enrollment multiplied by 17.5 SF per student or 3000 SF, whichever is greater.
2:	The size of the stage equals student enrollment multiplied by 2.0 SF, or 1,000 SF, whichever is greater.
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.	

School District Name, School Building Name
FOOD SERVICE SPACES
 Comp 9-12/CT - FS

CHAPTER 2: BRACKETING

The following is an example of a Comprehensive 9-12 School including Career Technical Programs
 The example is intended to assist in the development of the summary of spaces

EXAMPLE - 650 STUDENTS				Kitchen Area Sizes			
Space	Qty	SF	Area	Food Service Area	Enroll	X	%
H-FS-0 Warming Kitchen	0	1,300	0	Preparation Area	Enroll	x	36%
H-FS-1 Kitchen (total)	1		2,275	Serving Areas	Enroll	x	34%
H-FS-1a Preparation Area	1	819		Dry Food Storage	Enroll	x	11%
H-FS-1b Serving Area	1	774		Cooler/Freezer	Enroll	x	10%
H-FS-1c Dry Food Storage	1	250		Ware Washing Area	Enroll	x	9%
H-FS-1d Cooler/Freezer	1	228		Warming Kitchen	Enroll	x	
H-FS-1e Ware Washing	1	205		Multiply Enrollment x SF/Student x % to achieve size of area			
H-FS-2 Dietician Office	1	75	75				
H-FS-3 Restroom / Locker Room	1	140	140				
Food Service Total			2,490				

See Note 1 & Kit. Area Note

See Note 2

See Kit. Area Note

See Kit. Area Note

See Kit. Area Note

See Kit. Area Note

See Kit. Area Note

Note: Non-career technical students and career technical students are combined to determine the bracketing.

High School 9-12 Students (ALL)	0
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Food Service Worksheet									
Space		HS students - COMBINED				OSDM Recommendation			
		New		Existing*		TOTAL			
Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
H/CT-FS-0 Warming Kitchen		0	0		0	0	varies	0	See Note 1 & Kit. Area Note
H/CT-FS-1 Kitchen (total)			0		0	0	varies	0	See Note 2
H/CT-FS-1a Preparation area		0				varies	varies	0	See Kit. Area Note
H/CT-FS-1b Serving area		0				varies	varies	0	See Kit. Area Note
H/CT-FS-1c Dry food storage		0				varies	varies	0	See Kit. Area Note
H/CT-FS-1d Cooler/freezer		0				varies	varies	0	See Kit. Area Note
H/CT-FS-1e Ware washing		75	0		0	0	varies	75	See Kit. Area Note
H/CT-FS-2 Dietician Office		140	0		0	0	varies	140	See Kit. Area Note
H/CT-FS-3 Restroom / Locker Room						0	varies	0	
Food Service Total			0		0			0	

Food Services Notes
1: The size of the kitchen is equal to the sum of preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.
2: Only one of the two kitchens is to be used - either HCT-FS-0 or H/CT-FS-1 - not both.
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

EXAMPLE - 650 students			
	Space	Qty	SF Area
H-CU-1	Workroom	1	400
H-CU-2	Custodial Office	1	100
Custodial Total			500

See Note 1

High School 9-12 Students (ALL)	0
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Custodial Services Notes
*The Existing SF columns are to be used in projects where there are to be building additions or renovations.

The following is an example of a Comprehensive 9-12 School including Career Technical Programs.
The example is intended to assist in the development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	Bldg. Services Sq. Ft. Allowance Notes
H-BS-1 Large Group Restrooms	2	2,470	2,470	350-450 Students 150 170 80
H-BS-2 Custodial Closet	2	50	100	451-600 Students 200 200 100
H-BS-3 Electrical Closet	2	50	100	801-1200 Students 250 220 130
H-BS-4 Telecommunications Room (TR)	2	64	128	Above 1201 Students 250 240 160
H-BS-5 Corridors		14,116	14,116	Enrollment Determines SF Allowed
H-BS-6 Mechanical Rooms/Decks		4,870	4,870	
H-BS-7 Storage Area	1	200	200	
H-BS-8 Central Storage Area	1	200	200	
H-BS-9 Loading/Receiving Area	1	120	120	
H-BS-10 Restroom	0	60	0	
H-BS-11 Recycling Room	1	100	100	
Building Services Total			22,404	

Note: Non-career technical students and career technical students are combined to determine the bracketing.

High School 9-12 Students (ALL)	0
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Building Svcs. Worksheet									
0 HS students - COMBINED									
Space	Qty	New SF	Area	Existing* Qty	SF	Area	TOTAL Qty	SF	Area
H-BS-1/CT-GS-1 Large Group Restrooms	-	0	0	-	0	0	-	0	0
H-BS-2/CT-GS-2 Custodial Closet		50	0		0	0	0	varies	0
H-BS-3/CT-GS-3 Electrical Closet		50	0		0	0	0	varies	0
H-BS-4/CT-GS-4 Telecommunications Room		64	0		0	0	0	varies	0
H-BS-5 Corridors - Non-CT	-	0	0	-	0	0	-	0	0
CT-BS-1 Corridors - CT	-	0	0	-	0	0	-	0	0
Vertical Circulation	-	0	0	-	0	0	-	0	0
H-BS-6 Mechanical/Electrical Space/Decks - Non-CT	-	0	0	-	0	0	-	0	0
CT-BS-2 Mechanical/Electrical Space/Decks - CT	-	0	0	-	0	0	-	0	0
H-BS-7/CT-GS-5 Storage Area		150	0		0	0	0	varies	0
H-BS-8 Central Storage Area: Non-CT		170	0		0	0	0	varies	0
CT-GS-6 Central Storage Area: CT Only		0	0		0	0	0	varies	0
H-BS-9/H-GS-7 Loading/Receiving Area		120	0		0	0	0	varies	0
H-BS-10 Restroom		60	0		0	0	0	varies	0
H-BS-11 Recycling Room		80	0		0	0	0	varies	0
Building Services - Non-CT Total			0		0	0		0	0
Building Services - CT Total			0		0	0		0	0
Building Services Grand Total									

Building Services Notes									
Number	Notes:								
1	Size of Telecommunications Room varies with size of high school. See page 6114-4.								
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room. The total size of the Vertical Circulation is equal to the sum of the program areas, excluding building services, multiplied by 2.5%.								
.	The Existing SF columns are to be used in projects where there are to be building additions or renovations.								

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Large Group Restrooms-Non CT & CT	Prog	x	3.5
Corridors-Non-CT	Acad Prog	x	20.0
Corridors-CT	CT Prog	x	14.0
Mech/Elec. Space/Decks-Non-CT	Acad Prog	x	6.9
Mech/Elec. Space/Decks-CT	CT Prog	x	5.0
Multiply Sum of Prog. Areas - Build. Svcs. x % to achieve size of area			

CHAPTER 2: BRACKETING

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P1

Lab & Support Space Worksheet				0 students			Students Type A & C						OSDM Recommendation			
		CTE Program Code	New			Existing*			TOTAL							
			Qty	SF	Area	Qty	SF	Area	Qty	SF	Area					
Laboratory Space																
Accounting		G0		1200	0				0	varies	0		1200	0		
Administrative and Professional Support		C0		1200	0				0	varies	0		1200	0		
Automation & Robotics		R0		1800	0				0	varies	0		1800	0		
Aviation Occupations		T4		1500	0				0	varies	0		1500	0		
Business Management		C1		1200	0				0	varies	0		1200	0		
Electronics		R1		1800	0				0	varies	0		1500	0		
Financial Services		G1		1200	0				0	varies	0		1500	0		
Information Support and Services		N0		1200	0				0	varies	0		1800	0		
Interactive Media		N1		1200	0				0	varies	0		1000	0		
Legal Management and Support		C2		1200	0				0	varies	0		1200	0		
Medical Management and Support		C3		1200	0				0	varies	0		1200	0		
Network Systems		N2		1200	0				0	varies	0		1200	0		
Programming & Software Development		N3		1200	0				0	varies	0		1200	0		
Telecommunications		F5		1200	0				0	varies	0		1200	0		
Travel and Tourism		L2		1200	0				0	varies	0		1200	0		
Visual Design and Imaging		B2		1200	0				0	varies	0		1200	0		
Total Lab Spaces			0			0			0			0				
Related Spaces																
CT-P1-2 Office				120	0				0	varies	0		120	0		
CT-P1-3 Storage				200	0				0	varies	0		200	0		
Total Program Type 1					0			0							0	

Laboratory and Support Spaces Notes
*The Existing SF columns are only to be used in projects where there are to be building additions

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P2

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet			0 students			Students Type A & C						OSDM Recommendation		
			New			Existing*			TOTAL					
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
Allied Health & Nursing	JM													
Biomedical Science	F0		1500	0			0	0	varies	0		1500	0	
Biotechnology for Food, Plant, Animal Science	A3		1500	0			0	0	varies	0		1500	0	
Community Health Aide	J2		1500	0			0	0	varies	0		1500	0	
Criminal Science Technology	P2		1500	0			0	0	varies	0		1500	0	
Dental Laboratory Technology	J4		1500	0			0	0	varies	0		1500	0	
Emergency Medical Technician	P3		1500	0			0	0	varies	0		1500	0	
Energy Science	F1		1500	0			0	0	varies	0		1500	0	
Engineering Science	F2		1500	0			0	0	varies	0		1500	0	
Engineering and Design	F6		1500	0			0	0	varies	0		1500	0	
Exercise Science and Sports Medicine	J6		1500	0			0	0	varies	0		1500	0	
Health Information Management	J7		1500	0			0	0	varies	0		1500	0	
Health Support Pathway	J8		1500	0			0	0	varies	0		1500	0	
Health Unit Coordinator	J9		1500	0			0	0	varies	0		1500	0	
Home Health	JA		1500	0			0	0	varies	0		1500	0	
Medical Bioscience	J0		1500	0			0	0	varies	0		1500	0	
Medical Laboratory Technology	JC		1500	0			0	0	varies	0		1500	0	
Pharmacy Technician	JG		1500	0			0	0	varies	0		1500	0	
Practical Nursing	JJ		1500	0			0	0	varies	0		1500	0	
Therapeutic Pathway	JL		1500	0			0	0	varies	0		1500	0	
Total Lab Spaces		0			0			0			0			
Related Space														
CT-P2-2 Office			120	0			0		0	varies		120	0	
CT-P2-3 Storage			200	0			0		0	varies		200	0	
CT-P2-4 Changing Room			450	0			0		0	varies		450	0	
Total Program Type 2				0			0						0	

Laboratory and Support Spaces Notes
*The Existing SF columns are only to be used in projects where there are to be building additions

CHAPTER 2: BRACKETING

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P3

Lab & Support Space Worksheet		0 students			Students Type A & C			OSDM Recommendation		
		New			Existing*			TOTAL		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Supply Chain Management	S0		1500	0		0	0		0	0
Laboratory										
Early Childhood Education	E0		1500	0		0	0		0	0
Laboratory			120	0		0	0		0	0
Observation			700	0		1	0		0	0
Infants			350	0		0	0		0	0
Kitchenette/Break room			500	0		0	0		0	0
Reception			150	0		0	0		0	0
Workroom			60	0		0	0		0	0
Toddler Restroom										
Playground Area										
Entrepreneurship	S1		1000	0		0	0		0	0
Laboratory			800	0		0	0		0	0
Bookstore			100	0		0	0		0	0
Display										
Ground Operations	T5		1500	0		0	0		0	0
Laboratory			150	0		0	0		0	0
Reference Room										
Lodging	L1		1500	0		0	0		0	0
Laboratory			800	0		0	0		0	0
Banquet Room										
Marketing Communications	S3		900	0		0	0		0	0
Laboratory			800	0		0	0		0	0
Bookstore			100	0		0	0		0	0
Display										
Marketing Management	S4		900	0		0	0		0	0
Laboratory			800	0		0	0		0	0
Bookstore			100	0		0	0		0	0
Display										
Total Lab Spaces		0			0		0	0		0
Related Space										
CT-P3-2 Office			120	0		0	0		0	0
CT-P3-3 Storage			200	0		0	0		0	0
Total Program Type 3				0			0			0

Laboratory and Support Spaces Notes

*The Existing SF columns are only to be used in projects where there are to be buildi

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P4

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students New			Students Type A & C Existing*			TOTAL			OSDM Recommendation		
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Animal Science and Management Laboratory (small animal)	A2		1000	0			0	0	varies	0		1000	0
Pet shop			1200	0			0	0	varies	0		1200	0
Clinic			350	0			0	0	varies	0		350	0
Grooming			350	0			0	0	varies	0		350	0
Animal Room			200	0			0	0	varies	0		200	0
Animal Room			600	0			0	0	varies	0		600	0
Kennel			250	0			0	0	varies	0		250	0
Career Paths for the Law Profession	P0												
Laboratory			1200	0			0	0	varies	0		1200	0
Weight Room			800	0			0	0	varies	0		800	0
Interrogation Room			150	0			0	0	varies	0		150	0
Clinical Health Services	J1												
Laboratory			1200	0			0	0	varies	0		1200	0
Training Restroom			120	0			0	0	varies	0		120	0
Laundry Room			120	0			0	0	varies	0		120	0
Cosmetology	M1												
Laboratory			1600	0			0	0	varies	0		1600	0
Dispensary			175	0			0	0	varies	0		175	0
Laundry Room			150	0			0	0	varies	0		150	0
Facial Room			200	0			0	0	varies	0		200	0
Manicure Room			200	0			0	0	varies	0		200	0
Customer Toilet			60	0			0	0	varies	0		60	0
Criminal Justice	P1												
Laboratory			1200	0			0	0	varies	0		1200	0
Weight Room			800	0			0	0	varies	0		800	0
Interrogation Room			150	0			0	0	varies	0		150	0
Culinary and Food Service Operations	L0												
Laboratory			1800	0			0	0	varies	0		1800	0
Restaurant			1500	0			0	0	varies	0		1500	0
Dry Storage			150	0			0	0	varies	0		150	0
Total Program Type 4 (Page 1)		0		0	0		0	0		0	0		0

Laboratory and Support Spaces Notes
1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
*The Existing SF columns are only to be used in projects where there are to be building additions

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students New			Students Type A & C Existing*			TOTAL			OSDM Recommendation		
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Dental Assistant Laboratory	J3		1500	0			0		0 varies	0		1500	0
X-ray Room			80	0			0		0 varies	0		80	0
Darkroom			80	0			0		0 varies	0		80	0
Diagnostic Pathway Laboratory	J5		1200	0			0		0 varies	0		1200	0
Exam Room			200	0			0		0 varies	0		200	0
Firefighting and Emergency Medical Services Laboratory	P6		1500	0			0		0 varies	0		1500	0
Weight Room			800	0			0		0 varies	0		800	0
Fire Fighter Training Laboratory	P4		1500	0			0		0 varies	0		1500	0
Weight Room			800	0			0		0 varies	0		800	0
Media Arts	B0		1500	0			0		0 varies	0		1500	0
Media Arts Control Room/Edit Vestibule			450	0			0		0 varies	0		450	0
Medical Assistant Laboratory	JB		1200	0			0		0 varies	0		1200	0
Training Restroom			120	0			0		0 varies	0		120	0
Laundry Room			120	0			0		0 varies	0		120	0
Nurse Assisting Laboratory	JD		1200	0			0		0 varies	0		1200	0
Training Restroom			120	0			0		0 varies	0		120	0
Laundry Room			120	0			0		0	0		120	0
Optometric Occupations Laboratory	JE		1200	0			0		0 varies	0		1200	0
Exam Room			100	0			0		0 varies	0		100	0
Patient Care Technician Laboratory	JF		1500	0			0		0 varies	0		1500	0
Training Restroom			120	0			0		0 varies	0		120	0
Laundry Room			120	0			0		0 varies	0		120	0
Performing Arts Laboratory	B1		1500	0			0		0 varies	0		1500	0
Practice Room			150	0			0		0 varies	0		150	0
Private Security Laboratory	P5		1200	0			0		0 varies	0		1200	0
Weight Room			800	0			0		0 varies	0		800	0
Interrogation Room			150	0			0		0 varies	0		150	0
Surgical Technology Laboratory	JK		1000	0			0		0 varies	0		1000	0
Operating Room			800	0			0		0 varies	0		800	0
Instrument Room			700	0			0		0 varies	0		700	0
Scrub Room			500	0			0		0 varies	0		500	0
Total Lab Spaces		0		0	0		0	0		0	0		0
Related Space	Note 1												
CT-P4-2 Classroom			900	0			0		0 varies	0		900	0
CT-P4-3 Office			120	0			0		0 varies	0		120	0
CT-P4-4 Storage			200	0			0		0 varies	0		200	0
CT-P4-5 Changing Room			450	0			0		0 varies	0		450	0
Total Program Type 4 (Page 1)				0			0			0			0
Total Program Type 4 (Page 1 & 2)				0			0			0			0

Laboratory and Support Spaces Notes

*1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
*The Existing SF columns are only to be used in projects where there are to be building additions.

CHAPTER 2: BRACKETING

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P5

Lab & Support Space Worksheet		0 students				Students Type A & C				OSDM Recommendation			
		New		Existing*		TOTAL		OSDM Recommendation		OSDM Recommendation		OSDM Recommendation	
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Agribusiness and Production	A0		4500	0			0			0			0
Laboratory			4500									4500	0
Greenhouse			1000									1000	0
Auto Specialization	T2		3500									3500	0
Brick, Block, and Cement Masonry	D0		3500									3500	0
Building and Property Maintenance	D1		3000									3000	0
Building Technology	D2		3000									3000	0
Custodial Services	D6		2500									2500	0
Electrical Trades	D7		3000									3000	0
Environmental Control Technologies	D8		3000									3000	0
Heavy Equipment Operations	D9		4500									4500	0
Integrated Systems Technology	R2		3500									3500	0
Interior Design Applications	DA		3000									3000	0
Manufacturing Design and Development	R3		4500									4500	0
Natural Resource Management	A6												
Laboratory			3000									3000	0
Greenhouse			1000									1000	0
Plumbing and Pipefitting	DB		3000									3000	0
Power Equipment Technology	T8		3500									3500	0
Power Transmission	F4		3500									3500	0
Welding and Cutting	R6		3500									3500	0
Total Lab Spaces		0			0			0			0		
Related Space - List per Program add rows as needed	Note 1												
CT-P5-2 Classroom			900									900	0
CT-P5-3 Office			120									120	0
CT-P5-4 Storage			200									200	0
CT-P5-5 Changing Room	Note 2		270									270	0
CT-P5-6 Tool Crib			550									550	0
CT-P5-7 Reference Room			200									200	0
CT-P5-8 Toilet Room			68									68	0
Total Program Type 5				0			0						0

Laboratory and Support Spaces Notes

1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.

2: Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.

*The Existing SF columns are only to be used in projects where there are to be building additions

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P6

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet				0 students			Students Type A & C				OSDM Recommendation		
Laboratory Space	CTE Program Code	New			Existing*			TOTAL			Qty	SF	Area
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area			
Auto Collision Repair Laboratory	T1		5000	0			0	0	varies	0		5000	0
Auto Parts Storage			300	0			0	0	varies	0		300	0
Auto Technology Laboratory	T3		5000	0			0	0	varies	0		5000	0
Engine Storage			800	0			0	0	varies	0		800	0
Machine Room			900	0			0	0	varies	0		900	0
Flammable Material Storage			60	0			0	0	varies	0		60	0
Carpentry Laboratory	D3		4000	0			0	0	varies	0		4000	0
Finishing Room			500	0			0	0	varies	0		500	0
Material Storage			800	0			0	0	varies	0		800	0
Construction - Management Laboratory	D5		3000	0			0	0	varies	0		3000	0
CADD Room			400	0			0	0	varies	0		400	0
Construction - Design / Build Laboratory	D4		3000	0			0	0	varies	0		3000	0
CADD Room			400	0			0	0	varies	0		400	0
Construction Design and Management Laboratory	DF		3000	0			0	0	varies	0		3000	0
CADD Room			400	0			0	0	varies	0		400	0
Engineering Technology Laboratory	F3		1500	0			0	0	varies	0		1500	0
CADD Room			400	0			0	0	varies	0		400	0
Food Science and Technology Laboratory	A4		2000	0			0	0	varies	0		2000	0
Freezer			400	0			0	0	varies	0		400	0
Cooler			400	0			0	0	varies	0		400	0
Retail			400	0			0	0	varies	0		400	0
Ground Transportation Laboratory	T9		5000	0			0	0	varies	0		5000	0
Engine Storage			800	0			0	0	varies	0		800	0
Machine Room			900	0			0	0	varies	0		900	0
Flammable Material Storage			60	0			0	0	varies	0		60	0
Horticulture Laboratory	A5		2000	0			0	0	varies	0		2000	0
Retail			400	0			0	0	varies	0		400	0
Greenhouse			3000	0			0	0	varies	0		3000	0
Industrial Power Technology Laboratory	A1		5000	0			0	0	varies	0		5000	0
Engine Storage			1000	0			0	0	varies	0		1000	0
Flammable Material Storage			200	0			0	0	varies	0		200	0
Total Program Type 6 (Page 1)		0		0	0		0	0		0	0		0

Laboratory and Support Spaces Notes

- 1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
 - 2: Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.
- *The Existing SF columns are only to be used in projects where there are to be building additions

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P6

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet		0 students			Students Type A & C			OSDM Recommendation		
		New			Existing*			TOTAL		
Laboratory Space	CTE Program Code	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
Manufacturing Occupations										
Laboratory	R7		3500	0			0		3500	0
CNC Room			900	0			0		900	0
Inspection Room			150	0			0		150	0
Mechanical, Electrical, and Plumbing										
Laboratory	DE		3000	0			0		3000	0
CADD Room			400	0			0		400	0
Medium/Heavy Truck Technician										
Laboratory	T7		6000	0			0		6000	0
Engine Storage			800	0			0		800	0
Flammable Material Storage			60	0			0		60	0
Machine Room			900	0			0		900	0
Precision Machining										
Laboratory	R5		3500	0			0		3500	0
CNC Room			900	0			0		900	0
Inspection Room			150	0			0		150	0
Structural Systems										
Laboratory	DD		3000	0			0		3000	0
CADD Room			400	0			0		400	0
Wood Product Technologies										
Laboratory	DC		3000	0			0		3000	0
Finishing Room			500	0			0		500	0
Material Storage			800	0			0		800	0
Total Lab Spaces		0			0			0		
Related Space - List per Program add rows as needed										
Note 1										
CT-P6-2 Related Classroom			900	0			0		900	0
CT-P6-3 Office			120	0			0		120	0
Note 2										
CT-P6-5 Changing Room			270	0			0		270	0
CT-P6-4 Storage			200	0			0		200	0
CT-P6-6 Tool Crib			550	0			0		550	0
CT-P6-7 Reference Room			200	0			0		200	0
CT-P6-8 Toilet Room			68	0			0		68	0
Total Program Type 6 (Page 1)				0			0			0
Total Program Type 6 (Page 1 & 2)				0			0			0

Laboratory and Support Spaces Notes

- One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
 - Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.
- *The Existing SF columns are only to be used in projects where there are to be building additions

CHAPTER 2: BRACKETING

Lab & Support Space Worksheet				0 students				Students Type A & C				OSDM Recommendation			
Laboratory Space	CTE Program Code	Subject Code	New			Existing*			TOTAL			Qty	SF	Area	
			Qty	SF	Area	Qty	SF	Area	Qty	SF	Area				
Aircraft Maintenance Laboratory	T0	17.0401		13000	0			0	0	varies	0		13000	0	
Cleaning Room				400	0			0	0	varies	0		400	0	
Parts Storage				300	0			0	0	varies	0		300	0	
Hazardous Materials Storage				60	0			0	0	varies	0		60	0	
Paint Storage	TA			100	0			0	0	varies	0		100	0	
Air Transportation Laboratory				13000	0			0	0	varies	0		13000	0	
Cleaning Room				400	0			0	0	varies	0		400	0	
Hazardous Materials Storage				60	0			0	0	varies	0		60	0	
Paint Storage	A2	01.0901		100	0			0	0	varies	0		100	0	
Animal Science & Management (Equine)						0	0	varies	0		8000	0			
Laboratory				6800	0			0	varies	0		6800	0		
Stables				0	0			0	varies	0		0	0		
Total Lab Spaces			0			0		0				0			
Related Space															
CT-P7-2 Classroom	Note 1			900	0			0	0	varies	0		900	0	
CT-P7-3 Office				120	0			0	varies	0		120	0		
CT-P7-4 Storage				200	0			0	varies	0		200	0		
CT-P7-5 Changing Room	Note 3			270	0			0	0	varies	0		270	0	
CT-P7-6 Tool Crib				550	0			0	varies	0		550	0		
CT-P7-7 Reference Room				200	0			0	varies	0		200	0		
CT-P7-8 Toilet Room				68	0			0	0	varies	0		68	0	
Total Program Type 7					0			0							0

Laboratory and Support Spaces Notes
1: One classroom space is to be allocated for every two program spaces (or fractions thereof) in types 4 through 7.
2: Support will be provided for only the first 10,000 SF for any one program.
3: Square footage of changing room determined by total number of approved programs types 5, 6 and 7 times 30 students times 9 SF per student. Changing room to be entered on POR once.
*The Existing SF columns are only to be used in projects where there are to be building additions

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