

OHIO SCHOOL DESIGN MANUAL

Ohio School Facilities Commission

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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

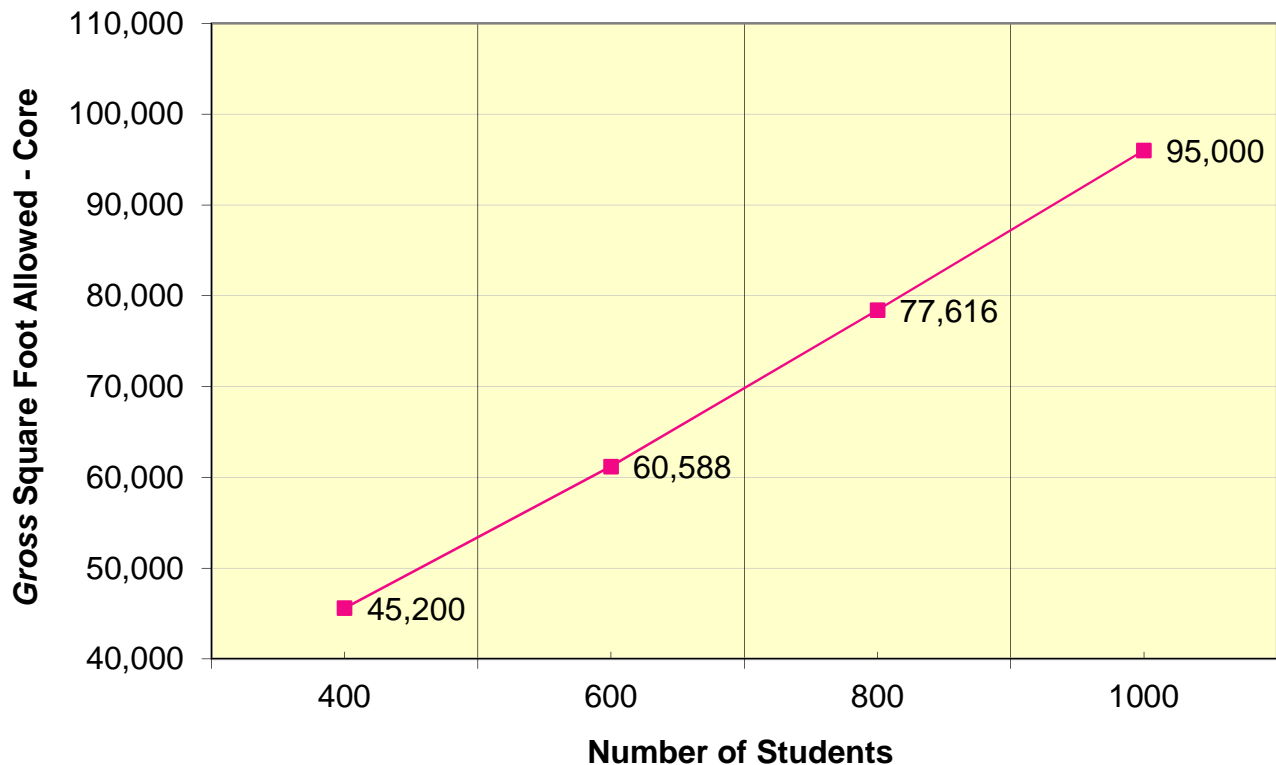
CHAPTER 2: BRACKETING

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

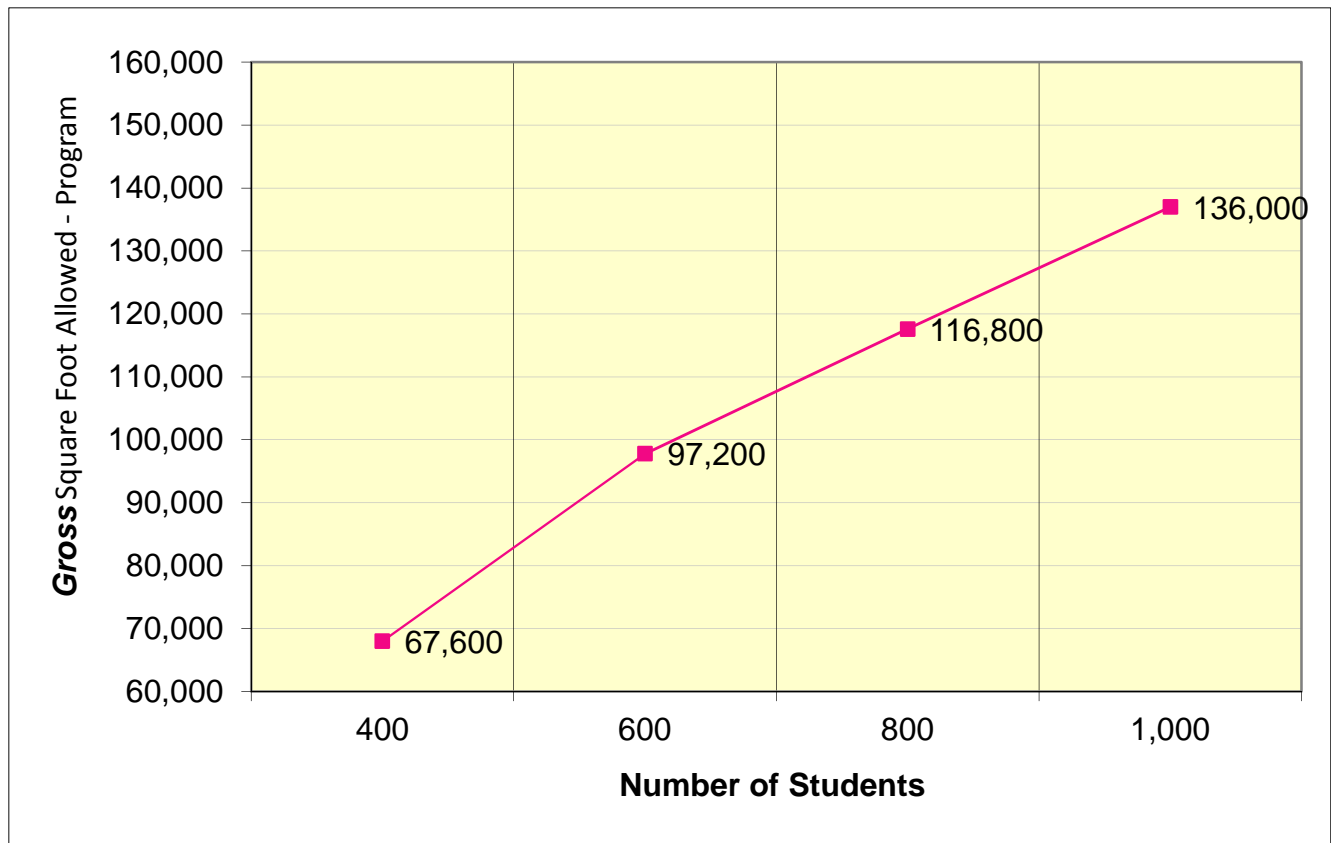


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| | |
|-----------------------------|------------|
| Enter # of Students | 900 |
| SF/Student | 140.44 |
| Gross SF for Program Spaces | 126,400 |

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

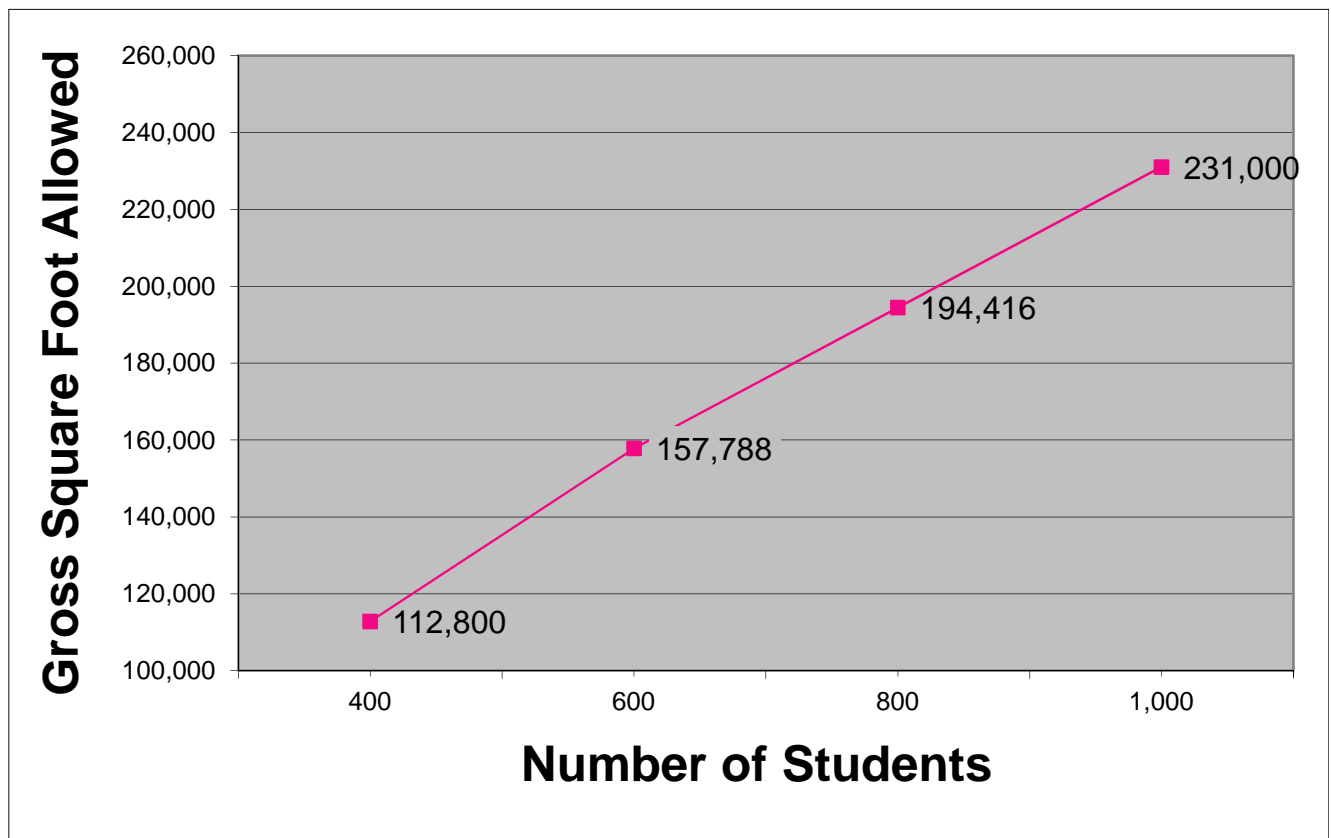
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| | |
|------------------------------|---------|
| Enter # of Students | 900 |
| SF/Student | 236.34 |
| Gross SF for Combined Spaces | 212,708 |

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 |

CHAPTER 2: BRACKETING

| 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 New | | | Students Type A & C Existing* | | | TOTAL | | | OSDM Recommendation | | |
|--|----|----------------|------|----------|-------------------------------|----|----------|----------|--------|----------|---------------------|------|----------|
| | | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area |
| Animal Science and Management (small animal) | A2 | | 1000 | 0 | | | 0 | 0 | varies | 0 | | 1000 | 0 |
| | | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 |
| | | | 350 | 0 | | | 0 | 0 | varies | 0 | | 350 | 0 |
| | | | 350 | 0 | | | 0 | 0 | varies | 0 | | 350 | 0 |
| | | | 200 | 0 | | | 0 | 0 | varies | 0 | | 200 | 0 |
| | | | 600 | 0 | | | 0 | 0 | varies | 0 | | 600 | 0 |
| | | | 250 | 0 | | | 0 | 0 | varies | 0 | | 250 | 0 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Career Paths for the Law Profession | P0 | | | | | | | | | | | | |
| | | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 |
| | | | 800 | 0 | | | 0 | 0 | varies | 0 | | 800 | 0 |
| | | | 150 | 0 | | | 0 | 0 | varies | 0 | | 150 | 0 |
| Clinical Health Services | J1 | | | | | | | | | | | | |
| | | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 |
| | | | 120 | 0 | | | 0 | 0 | varies | 0 | | 120 | 0 |
| | | | 120 | 0 | | | 0 | 0 | varies | 0 | | 120 | 0 |
| Cosmetology | M1 | | | | | | | | | | | | |
| | | | 1600 | 0 | | | 0 | 0 | varies | 0 | | 1600 | 0 |
| | | | 175 | 0 | | | 0 | 0 | varies | 0 | | 175 | 0 |
| | | | 150 | 0 | | | 0 | 0 | | 0 | | 150 | 0 |
| | | | 200 | 0 | | | 0 | 0 | varies | 0 | | 200 | 0 |
| | | | 200 | 0 | | | 0 | 0 | varies | 0 | | 200 | 0 |
| Criminal Justice | P1 | | 60 | 0 | | | 0 | 0 | varies | 0 | | 60 | 0 |
| | | | | | | | | | | | | | |
| | | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 |
| | | | 800 | 0 | | | 0 | 0 | varies | 0 | | 800 | 0 |
| Culinary and Food Service Operations | L0 | | 150 | 0 | | | 0 | 0 | varies | 0 | | 150 | 0 |
| | | | | | | | | | | | | | |
| | | | 1800 | 0 | | | 0 | 0 | varies | 0 | | 1800 | 0 |
| | | | 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 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 |

School District Name, School Building Name
LABORATORY AND SUPPORT SPACES
CT-P5

CHAPTER 2: BRACKETING

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 | | | | | | | | | | |
| 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

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 | | 0 |
| 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.

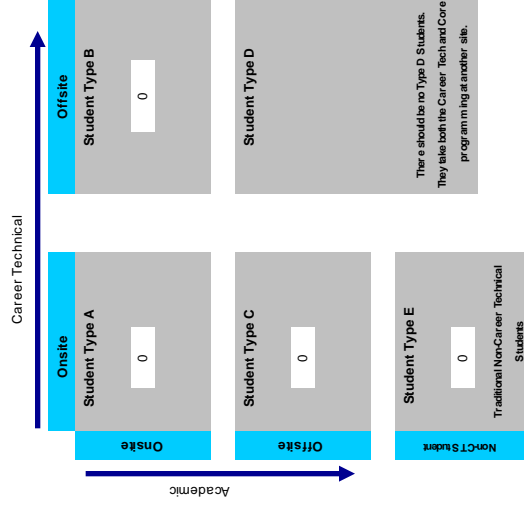
The following table is to clarify the connection between the Enrollment Projection report and the Career Tech PORs.

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 |



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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ed POR Gross Square Footage

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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 | |
| 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

| | |
|--|----------|
| 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 | 50 |
| 451-800 | 300 | 300 | 100 |
| 801-1200 | 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-8, M-AC-7a, H-AC-9a=150 SF. E/M/H Multi-use Studio=150 SF. E/M/H Kinesthetic Studio=1200 SF. |

| Academic Core Worksheet | | | | | | | | | | | | | | | |
|-------------------------|--------------------------------------|-------|-------|---|--------------------------|--------|------|--------|-------------------------------------|--------|------|--------|---------------------|-------|------|
| | 0 E, M, HS students - New | | | | 0 HS students - Existing | | | | 0 HS students - Students Type A & B | | | | OSDM Recommendation | | |
| | Qty | SF | Area | | Qty | SF | Area | | Qty | SF | Area | | Qty | SF | Area |
| E-AC-1 | | 1,200 | 0 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,200 | 0 |
| E-AC-1 | Pre-Kindergarten Classroom | | 1,200 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,200 | 0 |
| E-AC-2 | Kindergarten Classroom | | 1,200 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,200 | 0 |
| E-AC-2 | Pre-Kindergarten Restroom | | 60 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 60 | 0 |
| E-AC-2 | Kindergarten Restroom | | 60 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 60 | 0 |
| E-AC-3 | Elementary Classroom | | 900 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 900 | 0 |
| E-AC-4 | Science/Computer Lab | | 1,000 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,000 | 0 |
| E-AC-5 | Teacher Prep Area/Workroom | | 300 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 300 | 0 |
| E-AC-6 | Individual Restroom | | 60 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 60 | 0 |
| E-AC-7 | Instructional Material Storage | | 50 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 50 | 0 |
| E-AC-8 | Small Group Room | | 150 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 150 | 0 |
| E-AC-9 | Multi-use Studio | | 1,500 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,500 | 0 |
| E-AC-10 | Kineshtic Learning Studio | | 1,200 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,200 | 0 |
| M-AC-1 | Middle School Classroom | | 900 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 900 | 0 |
| M-AC-2 | Project Laboratory | | 1,000 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,000 | 0 |
| M-AC-3 | Sci/Tech/Math/Computer Lab | | 1,000 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,000 | 0 |
| M-AC-4 | Teacher Prep Area/Workroom | | 300 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 300 | 0 |
| M-AC-5 | Individual Restroom | | 60 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 60 | 0 |
| M-AC-6 | Instructional Material Storage | | 50 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 50 | 0 |
| M-AC-7 | Small Group Room | | 150 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 150 | 0 |
| M-AC-7a | Small Group Room | | 150 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 150 | 0 |
| M-AC-8 | Multi-use Studio | | 1,500 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,500 | 0 |
| M-AC-9 | Kineshtic Learning Studio | | 1,200 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,200 | 0 |
| H/CT-AC-1 | Academic Classroom | | 900 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 900 | 0 |
| H-AC-2/CT-AC-2 | Academic Classroom - General Physics | | 1,200 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,200 | 0 |
| H/CT-AC-4 | Science Classroom - Chemistry | | 1,200 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,200 | 0 |
| H-AC-3/CT-AC-5 | Science Classroom - Biology | | 1,200 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,200 | 0 |
| H-AC-5/CT-AC-6 | Science Prep | | 300 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 300 | 0 |
| H-AC-6/CT-AC-7 | Teacher Prep/Workroom | | 300 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 300 | 0 |
| H-AC-7/CT-AC-8 | Individual Restroom | | 60 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 60 | 0 |
| H/CT-AC-9 | Small group room | | 150 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 150 | 0 |
| H/CT-AC-10 | Instructional Material storage | | 50 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 50 | 0 |
| H/CT-AC-11 | Multipurpose room | | 1,500 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,500 | 0 |
| H/CT-AC-12 | Science Laboratory | | 1,000 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,000 | 0 |
| H-AC-8 | Project/Classroom | | 1,100 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,100 | 0 |
| CT-AC-2 | Computer room | | | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | | 0 |
| H-AC-9a | Small Group Room | | 150 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 150 | 0 |
| H-AC-13 | Multi-use Room | | 1,500 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,500 | 0 |
| H-AC-14 | Kineshtic Learning Studio | | 1,200 | 0 | 0 | varies | 0 | varies | 0 | varies | 0 | varies | 0 | 1,200 | 0 |
| Academic Core Total | | | | | | | | | | | | | | | 0 |

* 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
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 | | 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 | 150 |
| E/MH-AD-4 Assistant Principal's Office | 1 | 120 | 120 |
| E/MH-AD-5 Conference Room | 1 | 250 | 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 | 120 |
| E/MH-AD-11 Guidance Counselor's Office | 2 | 120 | 240 |
| 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 | 120 |
| E/MH-AD-17 Guidance Conf. & Career Ctr. | 1 | 140 | See Note 11 |
| CT-AD-5 Supervisor's office | 0 | 120 | 0 |
| CT-AD-6 Coordinator's office | 0 | 120 | 0 |
| 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 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH/CT-AD-2 Secretarial space | 200 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH/CT-AD-3 Director/Principal's office | 150 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH/CT-AD-4 Asst. Dir./Principal office | 120 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-5/CT-AD-7 Conference room | 250 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-6/CT-AD-8 Mail/work/copy room | 200 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-7/CT-AD-9 Administrative Storage | 150 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-8/CT-AD-10 Vault/records | 85 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-10/CT-AD-11 Restroom | 60 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-11/CT-AD-12 Guidance counselor | 120 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-12/CT-AD-13 Guidance records/storage | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-13/CT-AD-14 Guidance conference | 150 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-14/CT-AD-15 Parent/volunteer | 200 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-15/CT-AD-16 Health clinic (includes restroom) | 400 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-16/CT-AD-17 Itinerant personnel | 120 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-09/CT-AD-18 In-school suspension | 200 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| E/MH-AD-17 Guidance Conf. & Career Ctr. | 300 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT-AD-5 Supervisor's office | 120 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT-AD-6 Coordinator's office | 120 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Administrative Total | | | 0 | 0 | 0 | 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 |
| 0 | 120 | 0 | 0 |
| 0 | 250 | 0 | 0 |
| 0 | 200 | 0 | See Note 3 |
| 0 | 150 | 0 | See Note 4 |
| 0 | 85 | 0 | See Note 5 |
| 0 | 60 | 0 | 0 |
| 0 | 120 | 0 | 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 |
| 0 | 200 | 0 | See Note 10 |
| 0 | 300 | 0 | See Note 11 |
| 0 | 120 | 0 | 0 |
| 0 | 120 | 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 |
| 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 | 400 | 200 | 145 | 200 | 250 | 400 | 500 | 450 |
| 801-1200 Students | 600 | 600 | 500 | 200 | 175 | 200 | 250 | 400 | 550 | 575 |
| 1201-1600 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 | |

| 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 | 100 | 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 | 100 | 0 |
| M-MC-4 Main Control/Equipment Rm | 0 | 300 | 0 |
| M-MC-5 Conference Room | 0 | 100 | 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 | 100 | 0 |
| Media Center Total | | | 3,275 |

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 |

| Media Center 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 (or K-6) 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 (or K-12 or 6-12) 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. | |

| 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 |
| 350-450 Students | 300 |
| 451-600 Students | 400 |
| 601-1200 Students | 500 |
| 1201-1600 Students | 600 |
| Enrollment Determines SF Allowed | |

| Media Center Worksheet | | | | | | | | | |
|--------------------------------------|-----|----------|------|-------|--------|---------------------|-----|-----|------------------|
| 0 ES, MS, HS students - COMBINED | | | | | | | | | |
| New | | Existing | | TOTAL | | OSDM Recommendation | | | |
| Space | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area |
| E-MC-1 Reading Room/Circulation | 0 | 0 | 0 | 0 | varies | 0 | 0 | 0 | See Note 1 |
| E-MC-2 Media Specialist Office | 120 | 0 | 0 | 0 | varies | 0 | 0 | 120 | 0 |
| E-MC-3 Workroom/Storage | 190 | 0 | 0 | 0 | varies | 0 | 0 | 190 | 0 |
| E-MC-4 Main Control/Equipment Rm | 300 | 0 | 0 | 0 | varies | 0 | 0 | 300 | See Note 2 |
| E-MC-5 Conference Room | 200 | 0 | 0 | 0 | varies | 0 | 0 | 200 | E - 300 students |
| M-MC-1 Reading Room/Circulation | 0 | 0 | 0 | 0 | varies | 0 | 0 | 0 | See Note 3 |
| M-MC-2 Media Specialist Office | 120 | 0 | 0 | 0 | varies | 0 | 0 | 120 | 0 |
| M-MC-3 Workroom/Storage | 150 | 0 | 0 | 0 | varies | 0 | 0 | 150 | 0 |
| M-MC-4 Main Control/Equipment Rm | 300 | 0 | 0 | 0 | varies | 0 | 0 | 300 | See Note 4 |
| M-MC-5 Conference Room | 210 | 0 | 0 | 0 | varies | 0 | 0 | 210 | M - 150 Students |
| M-MC-6 Multimedia Production Room | 400 | 0 | 0 | 0 | varies | 0 | 0 | 400 | See Note 5 |
| H/CT-MC-1 Reading Room/Circulation | 0 | 0 | 0 | 0 | varies | 0 | 0 | 0 | See Note 6 |
| H/CT-MC-2 Media Specialist Office | 120 | 0 | 0 | 0 | varies | 0 | 0 | 120 | See Note 7 |
| H/CT-MC-3 Workroom/Storage | 300 | 0 | 0 | 0 | varies | 0 | 0 | 300 | See Note 8 |
| H/CT-MC-4 Main Control/Equipment Rm | 300 | 0 | 0 | 0 | varies | 0 | 0 | 300 | H - 200 Students |
| H/CT-MC-5 Conference Room | 250 | 0 | 0 | 0 | varies | 0 | 0 | 250 | 0 |
| H/CT-MC-6 Multimedia Production Room | 500 | 0 | 0 | 0 | varies | 0 | 0 | 500 | 0 |
| H/CT-MC-7 Document Storage | 200 | 0 | 0 | 0 | varies | 0 | 0 | 200 | See Note 9 |
| H-AC-9 Small group room | 160 | 0 | 0 | 0 | varies | 0 | 0 | 160 | See Note 10 |
| Media Center Total | | | | 0 | 0 | 0 | 0 | 0 | 0 |

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 |
| Enrollment Determines SF Allowed | | | | | |

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 | | | | |
| M-FCS-1 | Life Skills Lab | | 1,100 | 0 | | | 0 | 0 | varies | 0 | | 1,100 | 0 | |
| 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 | | 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 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-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 Students | 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 | 9300 | 550 | 200 | 400 | 100 | 200 | 750 | 1400 | | | | | |
| 451-600 Students | 10700 | 650 | 250 | 600 | 200 | 300 | 1500 | 1400 | | | | | |
| 601-1200 Students | 12400 | 700 | 300 | 800 | 200 | 400 | 1500 | 1600 | | | | | |
| 1201-1600 Students | 14000 | 850 | 350 | 1000 | 200 | 500 | 2000 | 1800 | | | | | |
| Enrollment Determines SF Allowed | | | | | | | | | | | | | |

| 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 |
| E/M/H-SD-2 Stage | 1 | 1,000 | 1,000 |
| E&M-SD-3/H-SD-7 Staff Dining | 0 | 400 | 0 |
| E&M-SD-4/H-SD-8 Table Storage | 1 | 400 | 400 |
| 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/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 | | 0 ES, MS, HS students - COMBINED | | | | | | OSDM Recommendation | | | | |
| | | New | | | Existing* | | | | | | | |
| | | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area | | |
| E/M/H/CT-SD-1 | Student Dining | | 3,000 | 0 | | | 0 | varies | 0 | 3,000 | 0 | See Note 1 |
| E/M/H/CT-SD-2 | Stage | | 1,000 | 0 | | | 0 | varies | 0 | 1,000 | 0 | See Note 2 |
| H-SD-7/CT-SD-3 | Staff Dining | | 250 | 0 | | | 0 | varies | 0 | 250 | 0 | See Note 3 |
| H-SD-8/CT-SD-4 | Table Storage | | 300 | 0 | | | 0 | varies | 0 | 300 | 0 | See Note 4 |
| H-SD-3 | Scene Shop and Storage | | 400 | 0 | | | 0 | varies | 0 | 400 | 0 | See Note 5 |
| H-SD-4 | Make-up/Dressing Rooms | | 200 | 0 | | | 0 | varies | 0 | 200 | 0 | See Note 6 |
| H-SD-5 | Theatrical Control Room | | 200 | 0 | | | 0 | varies | 0 | 200 | 0 | See Note 7 |
| H-SD-6 | Drama Storage | | 200 | 0 | | | 0 | varies | 0 | 200 | 0 | |
| H-SD-9/CT-SD-5 | Family Restroom | | 80 | 0 | | | 0 | varies | 0 | 80 | 0 | |
| Student Dining Total | | | | 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 | | | | |
|----------------------------------|-----|-------|--------------|--|
| Space | Qty | SF | Area | |
| E/MH-FS-0 Warming Kitchen | 0 | 1,300 | 0 | |
| E/MH-FS-1 Kitchen (total) | 1 | 2,275 | | |
| E/MH-FS-1a Preparation Area | 1 | 819 | | |
| E/MH-FS-1b Serving Area | 1 | 774 | | |
| E/MH-FS-1c Dry Food Storage | 1 | 250 | | |
| E/MH-FS-1d Cooler/Freezer | 1 | 228 | | |
| E/MH-FS-1e Ware Washing | 1 | 205 | | |
| E/MH-FS-2 Dietician Office | 1 | 75 | 75 | |
| E/MH-FS-3 Restroom / Locker Room | 1 | 140 | 140 | |
| Food Service Total | | | 2,490 | |

| Kitchen Area Sizes | | | | |
|--|--------|---|------------|-----|
| Food Service Area | Enroll | X | SF/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 Area | 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 No
 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.

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

See Note 1 & Kit. Area No
 See Note 2
 See Kit. Area Note
 See Kit. Area Note
 See Kit. Area Note
 See Kit. Area Note
 See Kit. Area Note

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

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

| | A |
|--------------------------------|---|
| See Build S/c Area Sizes | 0 |
| See Build S/c Area Sizes | 0 |
| See Note 1 | 0 |
| See Build S/c Area Sizes | 0 |
| See Build S/c Area Sizes | 0 |
| See Note 2 | 0 |
| See Build S/c Area Sizes | 0 |
| See Build S/c Area Sizes | 0 |
| See SF Allowance Notes | 0 |
| See SF Allowance Notes | 0 |
| See SF & Central Storage-CT No | 0 |
| See SF Allowance Notes | 0 |
| | 0 |
| | 0 |
| | 0 |

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 | 0 | 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 |

| 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 New | | | Students Type A & C Existing* | | | TOTAL | | | OSDM Recommendation | | |
|--|----|----------------|------|----------|-------------------------------|----|----------|----------|--------|----------|---------------------|------|----------|
| | | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area |
| Animal Science and Management (small animal) | A2 | | 1000 | 0 | | | 0 | 0 | varies | 0 | | 1000 | 0 |
| | | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 |
| | | | 350 | 0 | | | 0 | 0 | varies | 0 | | 350 | 0 |
| | | | 350 | 0 | | | 0 | 0 | varies | 0 | | 350 | 0 |
| | | | 200 | 0 | | | 0 | 0 | varies | 0 | | 200 | 0 |
| | | | 600 | 0 | | | 0 | 0 | varies | 0 | | 600 | 0 |
| | | | 250 | 0 | | | 0 | 0 | varies | 0 | | 250 | 0 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Career Paths for the Law Profession | P0 | | | | | | | | | | | | |
| | | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 |
| | | | 800 | 0 | | | 0 | 0 | varies | 0 | | 800 | 0 |
| | | | 150 | 0 | | | 0 | 0 | varies | 0 | | 150 | 0 |
| Clinical Health Services | J1 | | | | | | | | | | | | |
| | | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 |
| | | | 120 | 0 | | | 0 | 0 | varies | 0 | | 120 | 0 |
| | | | 120 | 0 | | | 0 | 0 | varies | 0 | | 120 | 0 |
| Cosmetology | M1 | | | | | | | | | | | | |
| | | | 1600 | 0 | | | 0 | 0 | varies | 0 | | 1600 | 0 |
| | | | 175 | 0 | | | 0 | 0 | varies | 0 | | 175 | 0 |
| | | | 150 | 0 | | | 0 | 0 | | 0 | | 150 | 0 |
| | | | 200 | 0 | | | 0 | 0 | varies | 0 | | 200 | 0 |
| | | | 200 | 0 | | | 0 | 0 | varies | 0 | | 200 | 0 |
| Criminal Justice | P1 | | 60 | 0 | | | 0 | 0 | varies | 0 | | 60 | 0 |
| | | | | | | | | | | | | | |
| | | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 |
| | | | 800 | 0 | | | 0 | 0 | varies | 0 | | 800 | 0 |
| Culinary and Food Service Operations | L0 | | 150 | 0 | | | 0 | 0 | varies | 0 | | 150 | 0 |
| | | | | | | | | | | | | | |
| | | | 1800 | 0 | | | 0 | 0 | varies | 0 | | 1800 | 0 |
| | | | 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 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 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 Laboratory | 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 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-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 | | | | | | | | | | | | |
| 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 | |
| | Auto Parts Storage | | | 300 | 0 | | | 0 | | | 0 | | varies | 0 | | 300 | 0 | |
| | Auto Technology | | T3 | | | 0 | | | | | 0 | | varies | 0 | | | 0 | |
| | Laboratory | | | 5000 | 0 | | | 0 | | | 0 | | varies | 0 | | 5000 | 0 | |
| Engine Storage | Machine Room | D3 | | 800 | 0 | | | 0 | | | 0 | | varies | 0 | | 800 | 0 | |
| | Flammable Material Storage | | | 900 | 0 | | | 0 | | | 0 | | varies | 0 | | 900 | 0 | |
| | | | D5 | | 60 | 0 | | | 0 | | | 0 | | varies | 0 | | 60 | 0 |
| | Carpentry | | | 4000 | 0 | | | 0 | | | 0 | | varies | 0 | | 4000 | 0 | |
| Finishing Room | Material Storage | D4 | | 500 | 0 | | | 0 | | | 0 | | varies | 0 | | 500 | 0 | |
| | Construction - Management | | | 800 | 0 | | | 0 | | | 0 | | varies | 0 | | 800 | 0 | |
| | | | D4 | | | 0 | | | | | 0 | | varies | 0 | | | 0 | |
| | Laboratory | | | 3000 | 0 | | | 0 | | | 0 | | varies | 0 | | 3000 | 0 | |
| CADD Room | Construction - Design / Build | DF | | 400 | 0 | | | 0 | | | 0 | | varies | 0 | | 400 | 0 | |
| | Laboratory | | | 3000 | 0 | | | 0 | | | 0 | | varies | 0 | | 3000 | 0 | |
| | | | F3 | | 400 | 0 | | | 0 | | | 0 | | varies | 0 | | 400 | 0 |
| | CADD Room | | | 3000 | 0 | | | 0 | | | 0 | | varies | 0 | | 3000 | 0 | |
| Food Science and Technology | Construction Design and Management | A4 | | 400 | 0 | | | 0 | | | 0 | | varies | 0 | | 400 | 0 | |
| | Laboratory | | | 3000 | 0 | | | 0 | | | 0 | | varies | 0 | | 3000 | 0 | |
| | Freezer | T9 | | 400 | 0 | | | 0 | | | 0 | | varies | 0 | | 400 | 0 | |
| | Cooler | | | 2000 | 0 | | | 0 | | | 0 | | varies | 0 | | 2000 | 0 | |
| Retail | Ground Transportation | A5 | | 400 | 0 | | | 0 | | | 0 | | varies | 0 | | 400 | 0 | |
| | Laboratory | | | 400 | 0 | | | 0 | | | 0 | | varies | 0 | | 400 | 0 | |
| | Engine Storage | A1 | | 5000 | 0 | | | 0 | | | 0 | | varies | 0 | | 5000 | 0 | |
| | Machine Room | | | 800 | 0 | | | 0 | | | 0 | | varies | 0 | | 800 | 0 | |
| Flammable Material Storage | Horticulture | A1 | | 900 | 0 | | | 0 | | | 0 | | varies | 0 | | 900 | 0 | |
| | Laboratory | | | 60 | 0 | | | 0 | | | 0 | | varies | 0 | | 60 | 0 | |
| | Retail | Industrial Power Technology | | 2000 | 0 | | | 0 | | | 0 | | varies | 0 | | 2000 | 0 | |
| | Greenhouse | | | 400 | 0 | | | 0 | | | 0 | | varies | 0 | | 400 | 0 | |
| Laboratory | Engine Storage | Total Program Type 6 (Page 1) | | 3000 | 0 | | | 0 | | | 0 | | varies | 0 | | 3000 | 0 | |
| | Flammable Material Storage | | | 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 | | |

| 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 | | | Students Type A & C | | | OSDM Recommendation | | |
|--|------------------|------------|------|------|---------------------|----|------|---------------------|--------|------|
| Laboratory Space | CTE Program Code | New | | | Existing* | | | TOTAL | | |
| | | 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

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 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Aircraft Maintenance Laboratory Cleaning Room Parts Storage Hazardous Materials Storage Paint Storage | T0 | | 13000 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 13000 | 0 | 0 | |
| | | | 400 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 400 | 0 | 0 | |
| | | | 300 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 300 | 0 | 0 | |
| | | | 60 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 60 | 0 | 0 | |
| | | | 100 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 100 | 0 | 0 | |
| Air Transportation Laboratory Cleaning Room Hazardous Materials Storage Paint Storage | TA | | 13000 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 13000 | 0 | 0 | |
| | | | 400 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 400 | 0 | 0 | |
| | | | 60 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 60 | 0 | 0 | |
| | | | 100 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 100 | 0 | 0 | |
| | | | | | | | | | | | | | | | | | | |
| Animal Science & Management (Equine) Laboratory Stables | A2 | | 8000 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 8000 | 0 | 0 | |
| | | | 6800 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 6800 | 0 | 0 | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Total Lab Spaces | | | 0 | | | | | | 0 | | | | | 0 | | | | |
| Related Space | Note 1 | | | | | | | | | | | | | | | | | |
| | | | 900 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 900 | 0 | 0 | |
| | | | 120 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 120 | 0 | 0 | |
| | | | 200 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 200 | 0 | 0 | |
| | | | 270 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 270 | 0 | 0 | |
| Note 3 | | | 550 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 550 | 0 | 0 | |
| | | | 200 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 200 | 0 | 0 | |
| | | | 68 | 0 | | | 0 | | | 0 | 0 | varies | 0 | | 68 | 0 | 0 | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Total Program Type 7 | | | | 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: 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 Research 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 |
| 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 |

JVS/Coop 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.

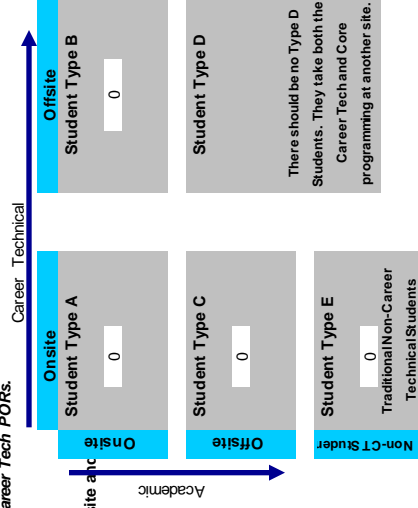
Student Type D - Full-Time Career-Technical Student-Attends all classes off site.

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. (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 |



SUMMARY WORKSHEET

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 | | |
| 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 | | varies | |
| Total Gross Square Footage | | | | 0 | 0 |
| Total CT Space | | | | 0 | 0 |
| Total Gross Square Footage | | | | 0 | 0 |
| Total Non-CT Space | | | | 0 | 0 |
| Max. Gross SF - CT Core Space | | | | 0 | 0 |
| Max. Gross SF - CT Program Space | | | | 0 | 0 |
| Total CT Space | | | | 0 | 0 |
| Total Gross Square Footage | | | | 0 | 0 |
| Vertical Circulation | | | | 0 | 0 |
| Total Adjusted POR Gross Square Footage | | | | 0 | 0 |

SELECT ONE:
 0 Single or Two Story Buildings
 1 3 Stories or greater

Vertical Circulation (B Stairs or greater) refers only to non-transportable
stairs, mechanical stairs, elevators, and elevator equipment rooms.

| CORE SPACE ONLY | | | | | Students Type A & B | | Combined Total | OSDM Recommendation |
|---|---|-----|-----------|-------|---------------------|-----------|-------------------|------------------------|
| Core Spaces | | NEW | Existing* | TOTAL | NEW | Existing* | | |
| MHCT-AC Academic Core | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MHCT-SE Spec. Ed./Student Svc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MHCT-AD Administration | 0 | 0 | 0 | 0 | na | na | na | 0 |
| MHCT-MC Media Center | 0 | 0 | 0 | 0 | na | na | na | 0 |
| MHVA Visual Arts | 0 | 0 | 0 | 0 | na | na | na | 0 |
| MHMU Music | 0 | 0 | 0 | 0 | na | na | na | 0 |
| MHTE Technology Education | 0 | 0 | 0 | 0 | na | na | na | 0 |
| MHBE Business Education | 0 | 0 | 0 | 0 | na | na | na | 0 |
| MHFCFS Family and Consumer Science | 0 | 0 | 0 | 0 | na | na | na | 0 |
| MHPE Physical Education | 0 | 0 | 0 | 0 | na | na | na | 0 |
| MHCT-SD Student Dining | 0 | 0 | 0 | 0 | na | na | na | 0 |
| MHCT-FS Food Service | 0 | 0 | 0 | 0 | na | na | na | 0 |
| MHCT-CU Custodial | 0 | 0 | 0 | 0 | na | na | na | 0 |
| Net Core Space | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MHCT-BS Building Services | 0 | 0 | 0 | 0 | na | na | na | 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 | | | | | | | | |
| Adjusted Existing Area | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Adjusted Gross Square Footage Developed (without Oversize Area) | | | | | | | | |
| Maximum Gross Core SF Co-Funded | | | | | | | | |
| Difference | | | | | | | | |

| CAREER TECHNICAL PROGRAM SPACE ONLY | | | | | Students Type A & C | | TOTAL | OSDM Recommendation SF # of Labs |
|---|---|-----|-----------|-------|---------------------|-----------|-------|---|
| Career Technical Program Spaces | | NEW | Existing* | TOTAL | NEW | Existing* | | |
| CT-P1 Program Type 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT-P2 Program Type 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT-P3 Program Type 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT-P4 Program Type 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT-P5 Program Type 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT-P6 Program Type 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT-P7 Program Type 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Net CT Program Spaces | 0 | 0 | 0 | 0 | 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 | | | | | | | |

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
existing buildings 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 | | | | Used for this example: | | | |
|------------------------|-----|-------|--------|------------------------|--|--|--|
| Space | Qty | SF | Area | | | | |
| M-AC-1 | 7 | 900 | 6,300 | 278 MS students | | | |
| M-AC-2 | 1 | 1,100 | 1,100 | 372 HS students | | | |
| M-AC-3 | 0 | 1,000 | 0 | | | | |
| M-AC-4 | 1 | 300 | 300 | See Note 2 | | | |
| M-AC-5 | 1 | 60 | 60 | See Note 3 | | | |
| M-AC-6 | 1 | 200 | 200 | See Note 3 | | | |
| M-AC-7 | 0 | 150 | 0 | See Note 4 | | | |
| M-AC-7a | 0 | 1,500 | 0 | See Note 4 | | | |
| M-AC-8 | 0 | 1,500 | 0 | See Note 4 | | | |
| M-AC-9 | 1 | 1,200 | 1,200 | See Note 4 | | | |
| H-AC-1 | 6 | 900 | 5,400 | | | | |
| H-AC-2 | 1 | 1,200 | 1,200 | | | | |
| H-AC-3 | 1 | 1,200 | 1,200 | | | | |
| H-AC-4 | 1 | 1,200 | 1,200 | | | | |
| H-AC-5 | 2 | 200 | 400 | See Note 1 | | | |
| H-AC-6 | 1 | 300 | 300 | See Note 2 | | | |
| H-AC-7 | 1 | 60 | 60 | | | | |
| H-AC-8 | 1 | 1,000 | 1,000 | | | | |
| H-AC-9 | 1 | 150 | 150 | | | | |
| H-AC-10 | 1 | 50 | 50 | See Note 3 | | | |
| H-AC-11 | 0 | 1,500 | 0 | | | | |
| H-AC-12 | 0 | 1,000 | 0 | | | | |
| H-AC-9a | 0 | 150 | 0 | See Note 4 | | | |
| H-AC-13 | 0 | 1,500 | 0 | See Note 4 | | | |
| H-AC-14 | 0 | 1,200 | 0 | See Note 4 | | | |
| Academic Core Total | | | 20,120 | | | | |

| 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 | | | |

| Number | | Academic Core Notes | |
|--------|--|---|--|
| 4 | | Notes: | |
| | | 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 | Qty | SF | Area | 400 Students | 600 Students | 800 Students | 1000 Students | Space | Qty | SF | Area |
| CT-AC-1 | 7 | 900 | 6,300 | 13 | 900 | 11,700 | 17 | 900 | 15,300 | 22 | 900 |
| CT-AC-2 | 1 | 1,200 | 1,200 | 1 | 1,200 | 1,200 | 2 | 1,200 | 2,400 | 2 | 1,200 |
| CT-AC-3 | 1 | 1,200 | 1,200 | 1 | 1,200 | 1,200 | 1 | 1,200 | 1,200 | 2 | 1,200 |
| CT-AC-4 | 1 | 1,200 | 1,200 | 1 | 1,200 | 1,200 | 2 | 1,200 | 2,400 | 2 | 1,200 |
| CT-AC-5 | 1 | 1,200 | 1,200 | 1 | 1,200 | 1,200 | 1 | 1,200 | 1,200 | 1 | 1,200 |
| CT-AC-6 | 1 | 300 | 300 | 2 | 300 | 600 | 2 | 300 | 600 | 3 | 300 |
| CT-AC-7 | 3 | 300 | 900 | 4 | 300 | 1,200 | 4 | 300 | 1,200 | 4 | 400 |
| CT-AC-8 | 2 | 60 | 120 | 2 | 60 | 120 | 4 | 60 | 240 | 4 | 60 |
| CT-AC-9 | 2 | 140 | 280 | 2 | 140 | 280 | 3 | 137 | 410 | 3 | 137 |
| CT-AC-10 | 4 | 50 | 200 | 4 | 75 | 300 | 4 | 100 | 400 | 4 | 120 |
| CT-AC-11 | 1 | 1,500 | 1,500 | 1 | 1,500 | 1,500 | 1 | 1,500 | 1,500 | 1 | 1,500 |
| CT-AC-12 | 0 | 1,000 | 0 | 0 | 1,000 | 0 | 0 | 1,000 | 0 | 0 | 1,000 |
| 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 | | | | | | | | | | | | | |
|-------------------------|-----------------------------------|----|------|-------|---------------------|----|------|-------|------------|----|------|-------|---------------------|
| Space | M & HS students - Students Type E | | | | Students Type A & B | | | | 0 COMBINED | | | | OSDM Recommendation |
| | Qty | SF | Area | TOTAL | Qty | SF | Area | TOTAL | Qty | SF | Area | TOTAL | |
| M-AC-1 | 900 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 900 |
| M-AC-2 | 1,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 |
| M-AC-3 | 1,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 |
| M-AC-4 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |
| M-AC-5 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| M-AC-6 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| M-AC-7 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |
| M-AC-7a | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |
| M-AC-8 | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,500 |
| M-AC-9 | 1,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200 |
| H/CT-AC-1 | 900 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 900 |
| H-AC-2/CT-AC-3 | 1,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200 |
| H/CT-AC-4 | 1,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200 |
| H-AC-3/CT-AC-5 | 1,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200 |
| H-AC-5/CT-AC-6 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |
| H-AC-6/CT-AC-7 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |
| H-AC-7/CT-AC-8 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| H/CT-AC-9 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |
| H/CT-AC-10 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| H/CT-AC-11 | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,500 |
| H/CT-AC-12 | 1,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 |
| CT-AC-8 | 1,100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,100 |
| CT-AC-2 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |
| H-AC-9a | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,500 |
| H-AC-13 | 1,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200 |
| H-AC-14 | 1,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200 |
| Academic Core Total | 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. |

School District Name, School Building Name
SPECIAL EDUCATIONAL/STUDENT SERVICES SPACES
Comp 6-12CT - SE

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-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 | | | 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 | | MS & HS students - COMBINED | | | | OSDM Recommendation | | | |
|---|-----|-----------------------------|------|-----------|----|---------------------|-----|-----|-------------|
| | | New | | Existing* | | TOTAL | | Qty | Area |
| Space | Qty | SF | Area | Qty | SF | Area | Qty | | |
| M/HCT-AD-1 Reception area | | 200 | 0 | 0 | 0 | varies | 0 | 200 | See Note 1 |
| M/HCT-AD-2 Secretarial space | | 200 | 0 | 0 | 0 | varies | 0 | 200 | See Note 2 |
| M/HCT-AD-3 Director/Principal's office | | 150 | 0 | 0 | 0 | varies | 0 | 150 | 0 |
| M/HCT-AD-4 Asst. Dir./Principal office | | 120 | 0 | 0 | 0 | varies | 0 | 120 | 0 |
| M/H-AD-5/CT-AD-7 Conference room | | 250 | 0 | 0 | 0 | varies | 0 | 250 | 0 |
| M/H-AD-6/CT-AD-8 Mail/work/copy room | | 200 | 0 | 0 | 0 | varies | 0 | 200 | 0 |
| M/H-AD-7/CT-AD-9 Administrative Storage | | 150 | 0 | 0 | 0 | varies | 0 | 150 | See Note 3 |
| M/H-AD-8/CT-AD-10 Vault/records | | 85 | 0 | 0 | 0 | varies | 0 | 85 | See Note 4 |
| M/H-AD-9/CT-AD-11 Restroom | | 60 | 0 | 0 | 0 | varies | 0 | 60 | See Note 5 |
| M/H-AD-10/CT-AD-12 Guidance counselor | | 120 | 0 | 0 | 0 | varies | 0 | 120 | 0 |
| M/H-AD-11/CT-AD-13 Guidance records/storage | | 100 | 0 | 0 | 0 | varies | 0 | 100 | See Note 6 |
| M/H-AD-12/CT-AD-14 Guidance conference | | 150 | 0 | 0 | 0 | varies | 0 | 150 | See Note 7 |
| M/H-AD-13/CT-AD-15 Parent/volunteer | | 200 | 0 | 0 | 0 | varies | 0 | 200 | See Note 8 |
| M/H-AD-14/CT-AD-16 Health clinic (includes restroom) | | 400 | 0 | 0 | 0 | varies | 0 | 400 | See Note 9 |
| M/H-AD-15/CT-AD-17 Itinerant personnel | | 120 | 0 | 0 | 0 | varies | 0 | 120 | 0 |
| M/H-AD-16/CT-AD-18 In-school suspension | | 200 | 0 | 0 | 0 | varies | 0 | 200 | 0 |
| M/H-AD-17 Guidance Conf. & Career Ctr. | | 300 | 0 | 0 | 0 | varies | 0 | 300 | See Note 10 |
| CT-AD-5 Supervisor's office | | 120 | 0 | 0 | 0 | varies | 0 | 120 | 0 |
| CT-AD-6 Coordinator's office | | 120 | 0 | 0 | 0 | varies | 0 | 120 | 0 |
| Administrative Total | | | 0 | 0 | 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 | | | | | | | | | | | |
|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Student Enrollment | | | | | | | | | | | |
| 350-450 Students | 200 | 200 | 200 | 150 | 65 | 100 | 150 | 200 | 400 | 200 | 300 |
| 451-600 Students | 400 | 400 | 400 | 300 | 150 | 115 | 100 | 200 | 300 | 450 | 325 |
| 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 | | | | | | | | | | | |

School District Name, School Building Name
MEDIA CENTER SPACES
Comp 6-12/CT - MC

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-MC-1 Reading Room/Circulation | 1 | 973 | 973 | |
| M-MC-2 Media Specialist Office | 0 | 120 | 0 | See Note 1 - M - 307 Students |
| M-MC-3 Workroom/Storage | 1 | 150 | 150 | |
| M-MC-4 Main Control/Equipment Rm | 0 | 300 | 0 | See Note 2 |
| M-MC-5 Conference Room | 0 | 100 | 0 | See Note 3 |
| M-MC-6 Multimedia Production Room | 0 | 500 | 0 | See Note 4 |
| H-MC-1 Reading Room/Circulation | 1 | 1,302 | 1,302 | See Note 7 - H - 383 Students |
| H-MC-2 Media Specialist Office | 1 | 120 | 120 | |
| H-MC-3 Workroom/Storage | 1 | 200 | 200 | |
| H-MC-4 Main Control/Equipment Rm | 1 | 300 | 300 | See Note 5 |
| 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 6 |
| H-AC-9 Small Group Room | 0 | 160 | 0 | See Note 7 |
| Media Center Total | | | 3,725 | |

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 |

| Middle School SF Allowance Notes | | | | |
|----------------------------------|-----|-----|-----|--|
| Student Enrollment | 2 | 3 | 4 | |
| 350-450 Students | 150 | 210 | 400 | |
| 451-600 Students | 233 | 280 | 400 | |
| 601-750 Students | 340 | 310 | 500 | |
| Enrollment Determines SF Allowed | | | | |

| High School SF Allowance Notes | | | | |
|----------------------------------|-----|-----|-----|--|
| Student Enrollment | 5 | 6 | 7 | |
| 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 | | | | |

Media Center Notes

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

| Media Center Worksheet | | | | | | | | | |
|-------------------------------------|-----|-----------------------------|------|-----|------|-----------|--------|-------|-----|
| | | MS & HS students - COMBINED | | | | Existing* | | TOTAL | |
| | | New | | | | SF | | SF | |
| Space | Qty | SF | Area | Qty | Area | SF | Area | Qty | SF |
| M-MC-1 Reading Room/Circulation | | 0 | 0 | 0 | 0 | 0 | varies | 0 | 0 |
| M-MC-2 Media Specialist Office | | 120 | 0 | 0 | 0 | 0 | varies | 0 | 120 |
| M-MC-3 Workroom/Storage | | 150 | 0 | 0 | 0 | 0 | varies | 0 | 150 |
| M-MC-4 Main Control/Equipment Rm | | 300 | 0 | 0 | 0 | 0 | varies | 0 | 300 |
| M-MC-5 Conference Room | | 210 | 0 | 0 | 0 | 0 | varies | 0 | 210 |
| M-MC-6 Multimedia Production Room | | 400 | 0 | 0 | 0 | 0 | varies | 0 | 400 |
| H/CT-MC-1 Reading Room/Circulation | | 0 | 0 | 0 | 0 | 0 | varies | 0 | 0 |
| H/CT-MC-2 Media Specialist Office | | 120 | 0 | 0 | 0 | 0 | varies | 0 | 120 |
| H/CT-MC-3 Workroom/Storage | | 300 | 0 | 0 | 0 | 0 | varies | 0 | 300 |
| H/CT-MC-4 Main Control/Equipment Rm | | 300 | 0 | 0 | 0 | 0 | varies | 0 | 300 |
| H-MC-5 Conference Room | | 250 | 0 | 0 | 0 | 0 | varies | 0 | 250 |
| H-MC-6 Multimedia Production Room | | 500 | 0 | 0 | 0 | 0 | varies | 0 | 500 |
| H-MC-7 Document Storage | | 200 | 0 | 0 | 0 | 0 | varies | 0 | 200 |
| H-AC-9 Small Group Room | | 160 | 0 | 0 | 0 | 0 | varies | 0 | 160 |
| Media Center Total | | | 0 | 0 | 0 | | | 0 | 0 |

OSDM Recommendation

| Qty | SF | Area |
|-----|-----|------|
| 0 | 0 | 0 |
| 0 | 120 | 0 |
| 0 | 150 | 0 |
| 0 | 300 | 0 |
| 0 | 210 | 0 |
| 0 | 400 | 0 |
| 0 | 0 | 0 |
| 0 | 120 | 0 |
| 0 | 300 | 0 |
| 0 | 300 | 0 |
| 0 | 250 | 0 |
| 0 | 500 | 0 |
| 0 | 200 | 0 |
| 0 | 160 | 0 |
| 0 | 0 | 0 |

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 |

| | |
|------------|---|
| See Note 1 | 0 |
| See Note 2 | 0 |
| See Note 3 | 0 |
| See Note 1 | 0 |
| See Note 2 | 0 |
| See Note 4 | 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

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-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 | 1,400 | 0 |
| M-MU-2 Vocal Room | 1 | 1,200 | 0 | 0 | varies | 0 | 0 | 1,200 | 0 |
| M-MU-3 Music Library | 1 | 200 | 0 | 0 | varies | 0 | 0 | 200 | 0 |
| H-MU-1 Instrumental Room | 1 | 1,800 | 0 | 0 | varies | 0 | 0 | 1,800 | 0 |
| H-MU-2 Instrument Storage | 1 | 400 | 0 | 0 | varies | 0 | 0 | 400 | 0 |
| H-MU-3 Orchestra Storage | 1 | 200 | 0 | 0 | varies | 0 | 0 | 200 | 0 |
| H-MU-4 Instrumental Music Office/Library | 1 | 120 | 0 | 0 | varies | 0 | 0 | 120 | 0 |
| H-MU-5 Uniform Storage | 1 | 150 | 0 | 0 | varies | 0 | 0 | 150 | 0 |
| H-MU-6 Vocal Room | 1 | 1,200 | 0 | 0 | varies | 0 | 0 | 1,200 | 0 |
| H-MU-7 Vocal Storage | 1 | 150 | 0 | 0 | varies | 0 | 0 | 150 | 0 |
| H-MU-8 Vocal Music Library | 1 | 120 | 0 | 0 | varies | 0 | 0 | 120 | 0 |
| H-MU-9 Ensemble Room | 1 | 200 | 0 | 0 | varies | 0 | 0 | 200 | 0 |
| H-MU-10 Practice Room | 1 | 80 | 0 | 0 | varies | 0 | 0 | 80 | 0 |
| Music Total | | | 0 | | | 0 | | | 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 | | 0 MS & HS students - Students Type E | | | | | | | | | | | |
|----------------------------|------------------------|--------------------------------------|-------|------|-----------|----|-------|-----|--------|------|-----|-------|------|
| Space | | New | | | Existing* | | TOTAL | | | | | | |
| | | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area |
| M-TE-1a | Modular Technology Lab | | 1,300 | 0 | | | 0 | 0 | varies | 0 | | 1,300 | 0 |
| M-TE-1b | Production Lab | | 1,300 | 0 | | | 0 | 0 | varies | 0 | | 1,300 | 0 |
| M-TE-2 | Storage | | 150 | 0 | | | 0 | 0 | varies | 0 | | 150 | 0 |
| H-TE-1 | Modular Technology Lab | | 1,800 | 0 | | | 0 | 0 | varies | 0 | | 1,800 | 0 |
| | or | | | | | | | | | | | | |
| H-TE-1a | Ag-Ed Lab | | 1,800 | 0 | | | 0 | 0 | varies | 0 | | 1,800 | 0 |
| H-TE-2 | Storage | | 150 | 0 | | | 0 | 0 | varies | 0 | | 150 | 0 |
| H-TE-3 | CADD Lab | | 1,200 | 0 | | | 0 | 0 | varies | 0 | | 1,200 | 0 |
| H-TE-4 | Production Lab | | 1,600 | 0 | | | 0 | 0 | varies | 0 | | 1,800 | 0 |
| 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 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 | | 0 | varies | 0 | 1,200 | 0 |
| H-BE-2 | Marketing Classroom | | 900 | 0 | | | 0 | | 0 | varies | 0 | 900 | 0 |
| H-BE-3 | Workroom/Storage | | 100 | 0 | | | 0 | | 0 | varies | 0 | 100 | 0 |
| Business Education Total | | | | 0 | | | 0 | | 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 |
| | | Qty | SF | Area | Qty | SF | Area | | |
| M-FCS-1 Life Skills Lab | | | 1,100 | 0 | | 0 | varies | | 1,100 |
| M-FCS-2 Life Skills Storage | | | 100 | 0 | | 0 | varies | | 100 |
| H-FCS-1 Life Skills Lab | | | 1,200 | 0 | | 0 | varies | | 1,200 |
| H-FCS-2 Life Skills Storage | | | 200 | 0 | | 0 | varies | | 200 |
| H-FCS-3 Laundry | | | 150 | 0 | | 0 | varies | | 150 |
| H-FCS-4 Child Development | | | 1,200 | 0 | | 0 | varies | | 1,200 |
| 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 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 | 800 | 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 | | | | | | | | |
|--|-------|-----|-----|------|-----|-----|------|------|
| | 4 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Student Enrollment | | | | | | | | |
| 350-450 Students | 9300 | 550 | 200 | 400 | 100 | 200 | 750 | 1400 |
| 451-600 Students | 10700 | 650 | 250 | 600 | 200 | 300 | 1500 | 1400 |
| 601-1200 Students | 12400 | 700 | 300 | 800 | 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 | | | |
| M/H/CT-FS-1b Serving area | | | 0 | | | varies | | | |
| M/H/CT-FS-1c Dry food storage | | | 0 | | | varies | | | |
| M/H/CT-FS-1d Cooler/freezer | | | 0 | | | varies | | | |
| M/H/CT-FS-1e Ware washing | | | 0 | | | varies | | | |
| M/H/CT-FS-2 Dietician Office | | | 75 | 0 | | 0 | varies | 0 | 75 |
| M/H/CT-FS-3 Restroom / Locker Room | | | 140 | 0 | | 0 | varies | 0 | 140 |
| Food Service Total | | | 0 | 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 MMH/CT-FS-0 or MMH/CT-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 | Area |
| Space | | Qty | SF | Area | Qty | SF | Area | | |
| M/H/CT-CU-1 Workroom - note 1 | | | 200 | 0 | | | 0 | varies | 0 |
| M/H/CT-CU-2 Custodial Office | | | 100 | 0 | | | 0 | varies | 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 | 0 |
| MH-BS-6 Mechanical/Electrical Space/Decks - Non-CT | - | 0 | 0 |
| CT-BS-2 Mechanical/Electrical Space/Decks - CT | 0 | 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/stairwells, 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 | |
| Administrative and Professional Support | C0 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Automation & Robotics | R0 | | 1800 | 0 | | | 0 | 0 | varies | 0 | | 1800 | 0 | |
| Aviation Occupations | T4 | | 1500 | 0 | | | 0 | 0 | varies | 0 | | 1500 | 0 | |
| Business Management | C1 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Electronics | R1 | | 1800 | 0 | | | 0 | 0 | varies | 0 | | 1800 | 0 | |
| Financial Services | G1 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Information Support and Services | N0 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Interactive Media | N1 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Legal Management and Support | C2 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Medical Management and Support | C3 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Network Systems | N2 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Programming & Software Development | N3 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Telecommunications | F5 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Travel and Tourism | L2 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Visual Design and Imaging | B2 | | 1200 | 0 | | | 0 | 0 | varies | 0 | | 1200 | 0 | |
| Total Lab Spaces | | | 0 | | | | 0 | | | 0 | | 0 | | |
| Related Spaces | | | | | | | | | | | | | | |
| CT-P1-2 Office | | | 120 | 0 | | | 0 | 0 | varies | 0 | | 120 | 0 | |
| CT-P1-3 Storage | | | 200 | 0 | | | 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 |
| 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 | S0 | 1500 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 1500 | 0 | 0 | |
| Early Childhood Education Laboratory | E0 | 1500 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 1500 | 0 | 0 | |
| Observation | | 120 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 120 | 0 | 0 | |
| Infants | | 700 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 700 | 0 | 0 | |
| Kitchenette/Break room | | 350 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 350 | 0 | 0 | |
| Reception | | 500 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 500 | 0 | 0 | |
| Workroom | | 150 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 150 | 0 | 0 | |
| Toddler Restroom | | 60 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 60 | 0 | 0 | |
| Playground Area | | | | | | | | | | | | | | |
| Entrepreneurship Laboratory | S1 | 1000 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 1000 | 0 | 0 | |
| Bookstore | | 800 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 800 | 0 | 0 | |
| Display | | 100 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 100 | 0 | 0 | |
| Ground Operations Laboratory | T5 | 1500 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 1500 | 0 | 0 | |
| Reference Room | | 150 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 150 | 0 | 0 | |
| Lodging | L1 | 1500 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 1500 | 0 | 0 | |
| Banquet Room | | 800 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 800 | 0 | 0 | |
| Marketing Communications Laboratory | S3 | 900 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 900 | 0 | 0 | |
| Bookstore | | 800 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 800 | 0 | 0 | |
| Display | | 100 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 100 | 0 | 0 | |
| Marketing Management Laboratory | S4 | 900 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 900 | 0 | 0 | |
| Bookstore | | 800 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 800 | 0 | 0 | |
| Display | | 100 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 100 | 0 | 0 | |
| Total Lab Spaces | | 0 | | | 0 | | | 0 | | | 0 | | | |
| Related Space | | | | | | | | | | | | | | |
| CT-P3-2 Office | | 120 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 120 | 0 | 0 | |
| CT-P3-3 Storage | | 200 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 | 200 | 0 | 0 | |
| Total Program Type 3 | | | 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 | 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 | | Qty | | Area | | Qty | | SF | | Area | | Qty | | SF | | Area | |
| | | | | | | | | | | | | | | | | | | |
| Dental Assistant Laboratory | J3 | | 1500 | 0 | 0 | 0 | 0 | varies | 0 | 1500 | 0 | 0 | 0 | 1500 | 0 | 0 | 0 | |
| X-ray Room | | | 80 | 0 | 0 | 0 | 0 | varies | 0 | 80 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | |
| Darkroom | | | 80 | 0 | 0 | 0 | 0 | varies | 0 | 80 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | |
| Diagnostic Pathway Laboratory | J5 | | 1200 | 0 | 0 | 0 | 0 | varies | 0 | 1200 | 0 | 0 | 0 | 1200 | 0 | 0 | 0 | |
| Exam Room | | | 200 | 0 | 0 | 0 | 0 | varies | 0 | 200 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | |
| Firefighting and Emergency Medical Services Laboratory | P6 | | 1500 | 0 | 0 | 0 | 0 | 0 varies | 0 | 1500 | 0 | 0 | 0 | 1500 | 0 | 0 | 0 | |
| Weight Room | P4 | | 800 | 0 | 0 | 0 | 0 | 0 varies | 0 | 800 | 0 | 0 | 0 | 800 | 0 | 0 | 0 | |
| Fire Fighter Training Laboratory | | | 1500 | 0 | 0 | 0 | 0 | varies | 0 | 1500 | 0 | 0 | 0 | 1500 | 0 | 0 | 0 | |
| Weight Room | | | 800 | 0 | 0 | 0 | 0 | varies | 0 | 800 | 0 | 0 | 0 | 800 | 0 | 0 | 0 | |
| Media Arts Laboratory | B0 | | 1500 | 0 | 0 | 0 | 0 | varies | 0 | 1500 | 0 | 0 | 0 | 1500 | 0 | 0 | 0 | |
| Media Arts Control Room/Edit Vestibule | | | 450 | 0 | 0 | 0 | 0 | varies | 0 | 450 | 0 | 0 | 0 | 450 | 0 | 0 | 0 | |
| | | | 84 | 0 | 0 | 0 | 0 | varies | 0 | 84 | 0 | 0 | 0 | 84 | 0 | 0 | 0 | |
| Medical Assistant Laboratory | JB | | 1200 | 0 | 0 | 0 | 0 | varies | 0 | 1200 | 0 | 0 | 0 | 1200 | 0 | 0 | 0 | |
| Training Restroom | | | 120 | 0 | 0 | 0 | 0 | varies | 0 | 120 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | |
| Laundry Room | | | 120 | 0 | 0 | 0 | 0 | varies | 0 | 120 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | |
| Nurse Assisting Laboratory | JD | | 1200 | 0 | 0 | 0 | 0 | varies | 0 | 1200 | 0 | 0 | 0 | 1200 | 0 | 0 | 0 | |
| Training Restroom | | | 120 | 0 | 0 | 0 | 0 | varies | 0 | 120 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | |
| Laundry Room | | | 120 | 0 | 0 | 0 | 0 | varies | 0 | 120 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | |
| Optometric Occupations Laboratory | JE | | 1200 | 0 | 0 | 0 | 0 | varies | 0 | 1200 | 0 | 0 | 0 | 1200 | 0 | 0 | 0 | |
| Exam Room | | | 100 | 0 | 0 | 0 | 0 | varies | 0 | 100 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | |
| Patient Care Technician Laboratory | | JF | | 1500 | 0 | 0 | 0 | 0 | varies | 0 | 1500 | 0 | 0 | 0 | 1500 | 0 | 0 | 0 |
| Training Restroom | | | 120 | 0 | 0 | 0 | 0 | varies | 0 | 120 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | |
| Laundry Room | | | 120 | 0 | 0 | 0 | 0 | varies | 0 | 120 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | |
| Performing Arts Laboratory | B1 | | 1500 | 0 | 0 | 0 | 0 | varies | 0 | 1500 | 0 | 0 | 0 | 1500 | 0 | 0 | 0 | |
| Practice Room | | | 150 | 0 | 0 | 0 | 0 | varies | 0 | 150 | 0 | 0 | 0 | 150 | 0 | 0 | 0 | |
| Private Security Laboratory | | P5 | | 1200 | 0 | 0 | 0 | 0 | varies | 0 | 1200 | 0 | 0 | 0 | 1200 | 0 | 0 | 0 |
| Weight Room | | | 800 | 0 | 0 | 0 | 0 | varies | 0 | 800 | 0 | 0 | 0 | 800 | 0 | 0 | 0 | |
| Interrogation Room | | | 150 | 0 | 0 | 0 | 0 | varies | 0 | 150 | 0 | 0 | 0 | 150 | 0 | 0 | 0 | |
| Surgical Technology Laboratory | JK | | 1000 | 0 | 0 | 0 | 0 | varies | 0 | 1000 | 0 | 0 | 0 | 1000 | 0 | 0 | 0 | |
| Operating Room | | | 800 | 0 | 0 | 0 | 0 | varies | 0 | 800 | 0 | 0 | 0 | 800 | 0 | 0 | 0 | |
| Instrument Room | | | 700 | 0 | 0 | 0 | 0 | varies | 0 | 700 | 0 | 0 | 0 | 700 | 0 | 0 | 0 | |
| Scrub Room | | 500 | 0 | 0 | 0 | 0 | varies | 0 | 500 | 0 | 0 | 0 | 500 | 0 | 0 | 0 | | |
| Total Lab Spaces | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Related Space | Note 1 | | 900 | 0 | 0 | 0 | 0 | varies | 0 | 900 | 0 | 0 | 0 | 900 | 0 | 0 | 0 | |
| CT-P4-2 Classroom | | | 120 | 0 | 0 | 0 | 0 | varies | 0 | 120 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | |
| CT-P4-3 Office | | | 200 | 0 | 0 | 0 | 0 | varies | 0 | 200 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | |
| CT-P4-4 Storage | | | 450 | 0 | 0 | 0 | 0 | varies | 0 | 450 | 0 | 0 | 0 | 450 | 0 | 0 | 0 | |
| Total Program Type 4 (Page 1) | | | | | | | | | | | | | | | | | | |
| Total Program Type 4 (Page 1 & 2) | | | | | | | | | | | | | | | | | | |

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 | | | |
|---|--------------------------|--------------------------------------|----------------------------------|------|-----------|----|---------------------|-----|--------|--------|---------------------|------|------|---|
| | | | New | | Existing* | | TOTAL | | | | | | | |
| 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 | varies | 0 | 4500 | | 0 | |
| | | Greenhouse | 1000 | 0 | | | 0 | 0 | varies | 0 | 1000 | | 0 | |
| | T2 | Auto Specialization | 3500 | 0 | | | 0 | 0 | varies | 0 | 3500 | | 0 | |
| | | D0 | Brick, Block, and Cement Masonry | 3500 | 0 | | | 0 | 0 | varies | 0 | 3500 | | 0 |
| | D1 | Building and Property Maintenance | 3000 | 0 | | | 0 | 0 | varies | 0 | 3000 | | 0 | |
| | | D2 | Building Technology | 3000 | 0 | | | 0 | 0 | varies | 0 | 3000 | | 0 |
| | D6 | Custodial Services | 2500 | 0 | | | 0 | 0 | varies | 0 | 2500 | | 0 | |
| | | D7 | Electrical Trades | 3000 | 0 | | | 0 | 0 | varies | 0 | 3000 | | 0 |
| | D8 | Environmental Control Technologies | 3000 | 0 | | | 0 | 0 | varies | 0 | 3000 | | 0 | |
| | | D9 | Heavy Equipment Operations | 4500 | 0 | | | 0 | 0 | varies | 0 | 4500 | | 0 |
| | R2 | Integrated Systems Technology | 3500 | 0 | | | 0 | 0 | varies | 0 | 3500 | | 0 | |
| | | DA | Interior Design Applications | 3000 | 0 | | | 0 | 0 | varies | 0 | 3000 | | 0 |
| | R3 | Manufacturing Design and Development | 4500 | 0 | | | 0 | 0 | varies | 0 | 4500 | | 0 | |
| | | A6 | Natural Resource Management | | | | | | | | | | | |
| | Laboratory | DB | Laboratory | 3000 | 0 | | | 0 | 0 | varies | 0 | 3000 | | 0 |
| | | | Greenhouse | 1000 | 0 | | | 0 | 0 | varies | 0 | 1000 | | 0 |
| | Plumbing and Pipefitting | T8 | Plumbing and Pipefitting | 3000 | 0 | | | 0 | 0 | varies | 0 | 3000 | | 0 |
| Power Equipment Technology | | | 3500 | 0 | | | 0 | 0 | varies | 0 | 3500 | | 0 | |
| Power Transmission | R6 | Power Transmission | 3500 | 0 | | | 0 | 0 | varies | 0 | 3500 | | 0 | |
| | | Welding and Cutting | 3500 | 0 | | | 0 | 0 | varies | 0 | 3500 | | 0 | |
| Total Lab Spaces | | 0 | | | 0 | | | 0 | | | 0 | | | |
| Related Space - List per Program add rows as needed | | | | | | | | | | | | | | |
| Note 1 | | | | | | | | | | | | | | |
| CT-P5-2 Classroom | Note 1 | CT-P5-2 Classroom | 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 | CT-P5-4 Storage | 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 | CT-P5-7 Reference Room | 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 | | CT-P5-8 Toilet Room | 68 | 0 | | | 0 | 0 | varies | 0 | 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

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 |
| 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

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 | | | | | | | | | | | | | | | |
| Aircraft Maintenance Laboratory Cleaning Room Parts Storage Hazardous Materials Storage Paint Storage <i>Air Transportation Laboratory</i> <i>Cleaning Room</i> <i>Hazardous Materials Storage</i> <i>Paint Storage</i> | T0 | | 13000 | 0 | | | 0 | | 0 | varies | 0 | | 13000 | 0 | 0 | |
| | | | 400 | 0 | | | | 0 | | 0 | varies | 0 | | 400 | 0 | 0 |
| | | | 300 | 0 | | | | 0 | | 0 | varies | 0 | | 300 | 0 | 0 |
| | | | 60 | 0 | | | | 0 | | 0 | varies | 0 | | 60 | 0 | 0 |
| | | | 100 | 0 | | | | 0 | | 0 | varies | 0 | | 100 | 0 | 0 |
| | TA | | 13000 | 0 | | | | 0 | | 0 | varies | 0 | | 13000 | 0 | 0 |
| | | | 400 | 0 | | | | 0 | | 0 | varies | 0 | | 400 | 0 | 0 |
| | | | 60 | 0 | | | | 0 | | 0 | varies | 0 | | 60 | 0 | 0 |
| | | | 100 | 0 | | | | 0 | | 0 | varies | 0 | | 100 | 0 | 0 |
| | | | 8000 | 0 | | | | 0 | | 0 | varies | 0 | | 8000 | 0 | 0 |
| Animal Science & Management (Equine) Laboratory Stables | A2 | | 6800 | 0 | | | 0 | | 0 | varies | 0 | | 6800 | 0 | 0 | |
| | | | 0 | | | | | 0 | | 0 | | | 0 | | | |
| | | | 0 | | | | | 0 | | 0 | | | 0 | | | |
| Total Lab Spaces | | | 0 | | | | | 0 | | | | 0 | | | | |
| Related Space CT-P7-2 Classroom CT-P7-3 Office CT-P7-4 Storage CT-P7-5 Changing Room CT-P7-6 Tool Crib CT-P7-7 Reference Room CT-P7-8 Toilet Room | Note 1 | | 900 | 0 | | | 0 | | 0 | varies | 0 | | 900 | 0 | 0 | |
| | | | 120 | 0 | | | | 0 | | 0 | varies | 0 | | 120 | 0 | 0 |
| | | | 200 | 0 | | | | 0 | | 0 | varies | 0 | | 200 | 0 | 0 |
| | | | 270 | 0 | | | | 0 | | 0 | varies | 0 | | 270 | 0 | 0 |
| | Note 3 | | 550 | 0 | | | | 0 | | 0 | varies | 0 | | 550 | 0 | 0 |
| | | | 200 | 0 | | | | 0 | | 0 | varies | 0 | | 200 | 0 | 0 |
| | | | 68 | 0 | | | | 0 | | 0 | varies | 0 | | 68 | 0 | 0 |
| | | | | | | | | 0 | | 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.

The following table is to clarify the connection/labeling between the Enrollment Projection report and the Career Tech PO RS.
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 - 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 | | |

| JVS/Coop School - Relates to location of Academic Students | | | |
|--|-----------------------------------|--|--|
| 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.

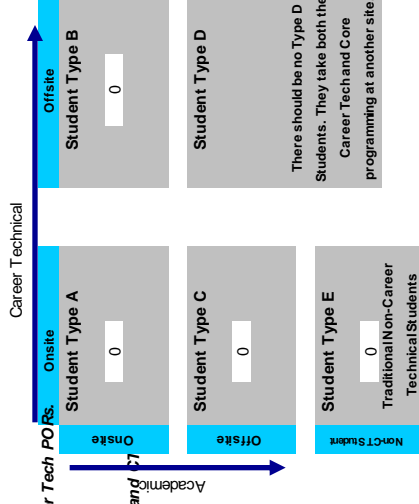
Student Type B - Career-Technical Off-Site Student (Grades 11-12)
Attends academic courses at the school and attends career-technical courses at another location, i.e. JVS, comprehensive high school in another district, etc.

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. (9-12 Grades)
Does not participate in Career Technical programming.

| Grade | Career Tech Students | | | | Non-CT | |
|-------|----------------------|---|---|---|--------|---|
| | A | B | C | E | | |
| 9-12 | | | | | | |
| Total | 0 | 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 | | | | varies | |
| Total Gross Square Footage | | | | | |
| 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 | | | | | |

| 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 See Note 2 |
| Total Adjusted Gross Square Footage Developed (without Oversize Area) | 0 | 0 | 0 | 0 | 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

| CAREER TECHNICAL PROGRAM SPACE EXAMPLE | | | | | | | | | |
|---|--------------|-------|--------------|-------|--------------|-------|---------------|-------|--------|
| Space | 400 Students | | 600 Students | | 800 Students | | 1000 Students | | Area |
| | Qty | SF | Qty | SF | Qty | SF | Qty | SF | |
| CT-AC-1 Academic classroom | 7 | 900 | 13 | 900 | 17 | 900 | 22 | 900 | 19,800 |
| CT-AC-2 Computer room | 1 | 1,200 | 1 | 1,200 | 2 | 1,200 | 2 | 1,200 | 2,400 |
| CT-AC-3 General Science/Physics | 1 | 1,200 | 1 | 1,200 | 1 | 1,200 | 2 | 1,200 | 2,400 |
| CT-AC-4 Biology | 1 | 1,200 | 1 | 1,200 | 2 | 1,200 | 2 | 1,200 | 2,400 |
| CT-AC-5 Chemistry | 1 | 1,200 | 1 | 1,200 | 1 | 1,200 | 1 | 1,200 | 1,200 |
| CT-AC-6 Science Prep | 1 | 300 | 2 | 300 | 2 | 300 | 3 | 300 | 900 |
| CT-AC-7 Teacher Prep/workroom | 3 | 300 | 4 | 300 | 4 | 300 | 4 | 300 | 1,200 |
| CT-AC-8 Individual restroom | 2 | 60 | 2 | 60 | 4 | 60 | 4 | 60 | 240 |
| CT-AC-9 Small group room | 2 | 140 | 2 | 150 | 3 | 150 | 3 | 150 | 450 |
| CT-AC-10 Instructional material storage | 4 | 50 | 200 | 4 | 75 | 300 | 4 | 120 | 480 |
| CT-AC-11 Multipurpose room | 1 | 1,500 | 1,500 | 1 | 1,500 | 1,500 | 1 | 1,500 | 1,500 |
| CT-AC-12 Science Laboratory | 0 | 1,000 | 0 | 1,000 | 0 | 0 | 0 | 1,000 | 0 |
| 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

See Note 3

| 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. |

High School 9-12 Students (non-CT)

| Academic Core Worksheet | | | | | | | | | |
|--|-------------------------------|----|---------------------|-----------|-------------------------------------|-----|------------|-------|---------------------|
| Space | HS students - Students Type E | | Students Type A & B | | 0 HS students - Students Type A & B | | 0 COMBINED | | OSDM Recommendation |
| | Qty | SF | Area | Existing* | Qty | SF | Area | TOTAL | |
| H-CT-AC-1 Academic Classroom | 900 | 0 | 0 | 0 | 0 | 900 | 0 | 0 | 900 |
| H-AC-2/CT-AC-3 Science Classroom - General Physics | 1,200 | 0 | 0 | 0 | 1,200 | 0 | 0 | 0 | 1,200 |
| H-CT-AC-4 Science Classroom - Chemistry | 1,200 | 0 | 0 | 0 | 1,200 | 0 | 0 | 0 | 1,200 |
| H-AC-3/CT-AC-5 Science Classroom - Biology | 1,200 | 0 | 0 | 0 | 1,200 | 0 | 0 | 0 | 1,200 |
| H-AC-5/CT-AC-6 Science Prep | 300 | 0 | 0 | 0 | 300 | 0 | 0 | 0 | 300 |
| H-AC-6/CT-AC-7 Teacher Prep/workroom | 300 | 0 | 0 | 0 | 300 | 0 | 0 | 0 | 300 |
| H-AC-7/CT-AC-8 Individual restroom | 60 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 60 |
| H-CT-AC-9 Small group room | 150 | 0 | 0 | 0 | 150 | 0 | 0 | 0 | 150 |
| H-CT-AC-10 Instructional Material storage | 50 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 50 |
| H-CT-AC-11 Multipurpose room | 1,500 | 0 | 0 | 0 | 1,500 | 0 | 0 | 0 | 1,500 |
| H-CT-AC-12 Science Laboratory | 1,000 | 0 | 0 | 0 | 1,000 | 0 | 0 | 0 | 1,000 |
| H-AC-8 Project/Classroom | 1,100 | 0 | 0 | 0 | 1,100 | 0 | 0 | 0 | 1,100 |
| CT-AC-2 Computer room | 150 | 0 | 0 | 0 | 150 | 0 | 0 | 0 | 150 |
| H-AC-9a Small Group Room | 1,500 | 0 | 0 | 0 | 1,500 | 0 | 0 | 0 | 1,500 |
| H-AC-13 Multi-use Room | 1,200 | 0 | 0 | 0 | 1,200 | 0 | 0 | 0 | 1,200 |
| H-AC-14 Kinesthetic Learning Studio | 0 | 0 | 0 | 0 | 0 | 0 | 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 | | | | | | | | | | | | |
|--------------------------|-----|-----|------|-----------|----|------|---------------------|--------|------|-----|---|-------------|
| 0 HS students - COMBINED | | | | Existing* | | | OSDM Recommendation | | | | | |
| Space | New | | | Existing* | | | OSDM Recommendation | | | | | |
| | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area | | | |
| H/CT-AD-1 | | 200 | 0 | | | 0 | 0 | varies | 0 | 200 | 0 | See Note 1 |
| H/CT-AD-2 | | | 200 | | | 0 | 0 | varies | 0 | 200 | 0 | See Note 2 |
| H/CT-AD-3 | | | 150 | | | 0 | 0 | varies | 0 | 150 | 0 | |
| H/CT-AD-4 | | | 120 | | | 0 | 0 | varies | 0 | 120 | 0 | |
| H-AD-5/CT-AD-7 | | | 250 | | | 0 | 0 | varies | 0 | 250 | 0 | |
| H-AD-6/CT-AD-8 | | | 200 | | | 0 | 0 | varies | 0 | 200 | 0 | See Note 3 |
| H-AD-7/CT-AD-9 | | | 150 | | | 0 | 0 | varies | 0 | 150 | 0 | See Note 4 |
| H-AD-8/CT-AD-10 | | | 85 | | | 0 | 0 | varies | 0 | 85 | 0 | See Note 5 |
| H-AD-10/CT-AD-11 | | | 60 | | | 0 | 0 | varies | 0 | 60 | 0 | |
| H-AD-11/CT-AD-12 | | | 120 | | | 0 | 0 | varies | 0 | 120 | 0 | |
| H-AD-12/CT-AD-13 | | | 100 | | | 0 | 0 | varies | 0 | 100 | 0 | See Note 6 |
| H-AD-13/CT-AD-14 | | | 150 | | | 0 | 0 | varies | 0 | 150 | 0 | See Note 7 |
| H-AD-14/CT-AD-15 | | | 200 | | | 0 | 0 | varies | 0 | 200 | 0 | See Note 8 |
| H-AD-15/CT-AD-16 | | | 400 | | | 0 | 0 | varies | 0 | 400 | 0 | See Note 9 |
| H-AD-16/CT-AD-17 | | | 120 | | | 0 | 0 | varies | 0 | 120 | 0 | |
| H-AD-09/CT-AD-18 | | | 200 | | | 0 | 0 | varies | 0 | 200 | 0 | See Note 10 |
| H-AD-17 | | | 300 | | | 0 | 0 | varies | 0 | 300 | 0 | See Note 11 |
| CT-AD-5 | | | 120 | | | 0 | 0 | varies | 0 | 120 | 0 | |
| CT-AD-6 | | | 120 | | | 0 | 0 | varies | 0 | 120 | 0 | |
| Administrative Total | | | | | | | | | | 0 | 0 | 0 |

| OSDM Recommendation | | |
|---------------------|-----|------|
| Qty | SF | Area |
| 0 | 200 | 200 |
| 0 | 200 | 200 |
| 0 | 150 | 150 |
| 0 | 120 | 120 |
| 0 | 250 | 250 |
| 0 | 200 | 200 |
| 0 | 150 | 150 |
| 0 | 85 | 85 |
| 0 | 60 | 60 |
| 0 | 120 | 120 |
| 0 | 100 | 100 |
| 0 | 150 | 150 |
| 0 | 200 | 200 |
| 0 | 400 | 400 |
| 0 | 120 | 120 |
| 0 | 200 | 200 |
| 0 | 300 | 300 |
| 0 | 120 | 120 |
| 0 | 120 | 120 |
| 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
See Note 9
See Note 10
See Note 11

| Administrative Notes |
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| *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 | See Note 1 |
| H-MC-2 Media Specialist Office | 1 | 120 | 120 | |
| H-MC-3 Workroom/Storage | 1 | 250 | 250 | See Note 2 |
| 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 | See Note 3 |
| H-AC-9 Small Group Room | 1 | 100 | 100 | See Note 4 |
| 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 | | | |

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

| | |
|---------------------------------|---|
| High School 9-12 Students (ALL) | 0 |
|---------------------------------|---|

| Media Center Worksheet | | | | | | | | | | |
|--------------------------|-----|------|-----------|----|------|-------|--------|------|---------------------|------------|
| 0 HS students - COMBINED | | | | | | | | | | |
| New | | | Existing* | | | TOTAL | | | | |
| Qty | SF | Area | Qty | SF | Area | Qty | SF | Area | OSDM Recommendation | |
| | 0 | | | | | 0 | varies | 0 | See Note 1 | |
| | 120 | | | | | 0 | varies | 120 | | See Note 2 |
| | 300 | | | | | 0 | varies | 300 | | |
| | 300 | | | | | 0 | varies | 300 | See Note 3 | |
| | 250 | | | | | 0 | varies | 250 | | See Note 4 |
| | 500 | | | | | 0 | varies | 500 | | |
| | 200 | | | | | 0 | varies | 200 | See Note 4 | |
| | 160 | | | | | 0 | varies | 160 | | See Note 4 |
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| 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 | | | |

See Note 1
See Note 2
See Note 3

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

| | |
|------------------------------------|---|
| High School 9-12 Students (non-CT) | 0 |
|------------------------------------|---|

| Visual Art Worksheet | | | | | | |
|-----------------------------|---------------------------------|--------|-----------|----|---------------------|----|
| Space | 0 HS students - Students Type E | | Existing* | | OSDM Recommendation | |
| | Qty | New SF | Qty | SF | Qty | SF |
| H-VA-1 Art Room | | 1,200 | | 0 | | 0 |
| H-VA-2 Kiln/Ceramic Storage | | 100 | | 0 | | 0 |
| H-VA-3 Art Material Storage | | 200 | | 0 | | 0 |
| Visual Arts Total | | 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

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-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 |
|------------------------------------|---|

| 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 | varies | 0 | 1,800 |
| H-MU-2 Instrument Storage | | 400 | 0 | 0 | varies | 0 | varies | 0 | 400 |
| H-MU-3 Orchestra Storage | | 200 | 0 | 0 | varies | 0 | varies | 0 | 200 |
| H-MU-4 Instrumental Music Office/Library | | 120 | 0 | 0 | varies | 0 | varies | 0 | 120 |
| H-MU-5 Uniform Storage | | 150 | 0 | 0 | varies | 0 | varies | 0 | 150 |
| H-MU-6 Vocal Room | | 1,200 | 0 | 0 | varies | 0 | varies | 0 | 1,200 |
| H-MU-7 Vocal Storage | | 150 | 0 | 0 | varies | 0 | varies | 0 | 150 |
| H-MU-8 Vocal Music Library | | 120 | 0 | 0 | varies | 0 | varies | 0 | 120 |
| H-MU-9 Ensemble Room | | 200 | 0 | 0 | varies | 0 | varies | 0 | 200 |
| H-MU-10 Practice Room | | 80 | 0 | 0 | varies | 0 | varies | 0 | 80 |
| Music Total | | | 0 | 0 | | 0 | | 0 | 0 |

See Note 1
See Note 2
See Note 3
See Note 4
See Note 5
See Note 6
See Note 7

| 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

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

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

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 |
|------------------------------------|---|

| F & C Sci. Worksheet | | 0 HS students - Students Type E | | | | | | | | | | OSDM Recommendation | | | |
|-----------------------------------|---------------------|---------------------------------|-------|------|--|-----------|----|------|--|-------|--------|---------------------|--|-------|---|
| | | New | | | | Existing* | | | | TOTAL | | | | | |
| | | Qty | SF | Area | | Qty | SF | Area | | Qty | SF | | | Area | |
| 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 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 | | 0 |
| H-PE-2 Auxiliary Gymnasium | | 7,000 | 0 | | | 0 | 0 | | 0 |
| H-PE-3 Student Locker Room | | 550 | 0 | | | 0 | 0 | | 0 |
| H-PE-4 Student Restroom/Shower | | 200 | 0 | | | 0 | 0 | | 0 |
| H-PE-5 Physical Education Storage | | 400 | 0 | | | 0 | 0 | | 0 |
| H-PE-6 P.E./Athletic Office | | 75 | 0 | | | 0 | 0 | | 0 |
| H-PE-7 Staff Shower | | 75 | 0 | | | 0 | 0 | | 0 |
| H-PE-8 Athletic Director's Office | | 120 | 0 | | | 0 | 0 | | 0 |
| H-PE-9 Lobby Services | | 100 | 0 | | | 0 | 0 | | 0 |
| H-PE-10 Training Room | | 200 | 0 | | | 0 | 0 | | 0 |
| H-PE-11 Physical Health Classroom | | 750 | 0 | | | 0 | 0 | | 0 |
| H-PE-12 Multi-use P.E. Room | | 1,400 | 0 | | | 0 | 0 | | 0 |
| Physical Education Total | | | 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 | Area |
| | | Qty | SF | Area | Qty | SF | Area | | |
| H/CT-SD-1 Student Dining | | | 3,000 | 0 | | | 0 | | See Note 1 |
| H/CT-SD-2 Stage | | | 1,000 | 0 | | | 0 | | See Note 2 |
| H-SD-7/CT-SD-3 Staff Dining | | | 250 | 0 | | | 0 | | See Note 3 |
| H-SD-8/CT-SD-4 Table Storage | | | 300 | 0 | | | 0 | | See Note 4 |
| H-SD-3 Scene Shop and Storage | | | 400 | 0 | | | 0 | | See Note 5 |
| H-SD-4 Make-up/Dressing Rooms | | | 200 | 0 | | | 0 | | See Note 6 |
| H-SD-5 Theatrical Control Room | | | 200 | 0 | | | 0 | | See Note 6 |
| H-SD-6 Drama Storage | | | 200 | 0 | | | 0 | | See Note 7 |
| H-SD-9/CT-SD-5 Family Restroom | | | 80 | 0 | | | 0 | | See Note 7 |
| Student Dining Total | | | | 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 |
|---------------------------------|---|

| Food Service Worksheet | | | | | | | | | |
|----------------------------------|--|------------------------|----------|-----------|----------|---------------------|----|----------|-----------------------------|
| Space | | HS students - COMBINED | | | | OSDM Recommendation | | | |
| | | 0 | New | Existing* | TOTAL | Qty | SF | Area | |
| H/CT-FS-0 Warming Kitchen | | | 0 | | 0 | | | 0 | See Note 1 & Kit. Area Note |
| H/CT-FS-1 Kitchen (total) | | | 0 | | 0 | | | 0 | See Note 2 |
| H/CT-FS-1a Preparation area | | | 0 | | varies | | | 0 | See Kit. Area Note |
| H/CT-FS-1b Serving area | | | 0 | | varies | | | 0 | See Kit. Area Note |
| H/CT-FS-1c Dry food storage | | | 0 | | varies | | | 0 | See Kit. Area Note |
| H/CT-FS-1d Cooler/freezer | | | 0 | | varies | | | 0 | See Kit. Area Note |
| H/CT-FS-1e Ware washing | | | 75 | | 0 | | | 75 | See Kit. Area Note |
| H/CT-FS-2 Dietician Office | | | 140 | | 0 | | | 140 | See Kit. Area Note |
| H/CT-FS-3 Restroom / Locker Room | | | | | 0 | | | 0 | |
| Food Service Total | | | 0 | 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 | | | | Qty | SF | Area | Square Footage Allowance Notes | |
|------------------------|------------------|---|-----|-----|------------|--------------------|------------------------------------|--|
| Space | | | | | | | | |
| H-CU-1 | Workroom | 1 | 400 | 400 | See Note 1 | Student Enrollment | 1 | |
| H-CU-2 | Custodial Office | 1 | 100 | 100 | | Up to 400 Students | 200 | |
| | | | | | | 401-600 Students | 300 | |
| Custodial Total | | | | | | Above 600 Students | 400 | |
| | | | | | | | Enrollment Determines SF Allowance | |

| High School 9-12 Students (ALL) | 0 |
|---------------------------------|---|
|---------------------------------|---|

| 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 |
|---------------------------------|---|

| 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 | | | |
|---|------------------|------------|------|------|-----------|----|------|---------------------|--------|------|--|--|------|---------------------|---|--|---|
| | | New | | | Existing* | | | TOTAL | | | | | | | | | |
| | | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area | | | | | | | |
| Laboratory Space | CTE Program Code | | | | | | | | | | | | | | | | |
| 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 | | | | | | |
| | | | Qty | SF | Area | Qty | SF | Area | Qty | SF | | | |
| Laboratory Space | CTE Program Code | | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area | | |
| Allied Health & Nursing Biomedical Science Biotechnology for Food, Plant, Animal Science Community Health Aide Criminal Science Technology Dental Laboratory Technology Emergency Medical Technician Energy Science Engineering Science Engineering and Design Exercise Science and Sports Medicine Health Information Management Health Support Pathway Health Unit Coordinator Home Health Medical Bioscience Medical Laboratory Technology Pharmacy Technician Practical Nursing Therapeutic Pathway Related Space CT-P2-2 Office CT-P2-3 Storage CT-P2-4 Changing Room Total Program Type 2 | JM | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | F0 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | A3 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | J2 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | P2 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | J4 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | P3 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | F1 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | F2 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | F6 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | J6 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | J7 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | J8 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | J9 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | JA | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | J0 | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | JC | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | JG | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | JJ | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| | JL | | 1500 | 0 | 0 | 0 | varies | 0 | 0 | varies | 1500 | 0 | |
| Total Lab Spaces | | 0 | | | 0 | | | | 0 | | | | |
| Related Space | | | | | | | | | | | | | |
| CT-P2-2 Office | | | 120 | 0 | 0 | | 0 | 0 | 0 | varies | 120 | 0 | |
| CT-P2-3 Storage | | | 200 | 0 | 0 | | 0 | 0 | 0 | varies | 200 | 0 | |
| CT-P2-4 Changing Room | | | 450 | 0 | 0 | | 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* | | | | Qty | SF | Area |
| | | Qty | SF | Area | Qty | SF | Area | Qty | | | |
| Laboratory Space | CTE Program Code | | | | | | | | | | |
| Supply Chain Management Laboratory | S0 | | 1500 | 0 | | 0 | 0 | 0 | | 1500 | 0 |
| Early Childhood Education Laboratory | E0 | | 1500 | 0 | | 0 | 0 | 0 | | 1500 | 0 |
| Observation | | | 120 | 0 | | 0 | 0 | 0 | | 120 | 0 |
| Infants | | | 700 | 0 | | 1 | 0 | 0 | | 700 | 0 |
| Kitchenette/Break room | | | 350 | 0 | | 0 | 0 | 0 | | 350 | 0 |
| Reception | | | 500 | 0 | | 0 | 0 | 0 | | 500 | 0 |
| Workroom | | | 150 | 0 | | 0 | 0 | 0 | | 150 | 0 |
| Toddler Restroom | | | 60 | 0 | | 0 | 0 | 0 | | 60 | 0 |
| Playground Area | | | | | | | | | | | |
| Entrepreneurship | S1 | | 1000 | 0 | | 0 | 0 | 0 | | 1000 | 0 |
| Laboratory | | | 800 | 0 | | 0 | 0 | 0 | | 800 | 0 |
| Bookstore | | | 100 | 0 | | 0 | 0 | 0 | | 100 | 0 |
| Display | | | | | | | | | | | |
| Ground Operations | T5 | | 1500 | 0 | | 0 | 0 | 0 | | 1500 | 0 |
| Laboratory | | | 150 | 0 | | 0 | 0 | 0 | | 150 | 0 |
| Reference Room | | | | | | | | | | | |
| Lodging | L1 | | 1500 | 0 | | 0 | 0 | 0 | | 1500 | 0 |
| Laboratory | | | 800 | 0 | | 0 | 0 | 0 | | 800 | 0 |
| Banquet Room | | | | | | | | | | | |
| Marketing Communications | S3 | | 900 | 0 | | 0 | 0 | 0 | | 900 | 0 |
| Laboratory | | | 800 | 0 | | 0 | 0 | 0 | | 800 | 0 |
| Bookstore | | | 100 | 0 | | 0 | 0 | 0 | | 100 | 0 |
| Display | | | | | | | | | | | |
| Marketing Management | S4 | | 900 | 0 | | 0 | 0 | 0 | | 900 | 0 |
| Laboratory | | | 800 | 0 | | 0 | 0 | 0 | | 800 | 0 |
| Bookstore | | | 100 | 0 | | 0 | 0 | 0 | | 100 | 0 |
| Display | | | | | | | | | | | |
| Total Lab Spaces | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| Related Space | | | | | | | | | | | |
| CT-P3-2 Office | | | 120 | 0 | | 0 | 0 | 0 | | 120 | 0 |
| CT-P3-3 Storage | | | 200 | 0 | | 0 | 0 | 0 | | 200 | 0 |
| Total Program Type 3 | | | | 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 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 | | |
|-------------------------------|---|----------------|------|------|-------------------------------|----|------|-------|--------|------|---------------------|------|------|
| | | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area | Qty | SF | Area |
| Laboratory Space | CTE Program Code | | | | | | | | | | | | |
| | A2 | | | | | | | | | | | | |
| | Animal Science and Management Laboratory (small animal) | | 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 |
| | P0 | | | | | | | | | | | | |
| | Career Paths for the Law Profession 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 |
| | J1 | | | | | | | | | | | | |
| | Clinical Health Services 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 |
| | M1 | | | | | | | | | | | | |
| | Cosmetology 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 |
| | P1 | | | | | | | | | | | | |
| | Criminal Justice 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 |
| | L0 | | | | | | | | | | | | |
| | Culinary and Food Service Operations 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 | | | | | | | 0 | | 4500 | 0 |
| Greenhouse | | | 1000 | | | | | | | 0 | | 1000 | 0 |
| Auto Specialization | T2 | | 3500 | | | | | | | 0 | | 3500 | 0 |
| Brick, Block, and Cement Masonry | D0 | | 3500 | | | | | | | 0 | | 3500 | 0 |
| Building and Property Maintenance | D1 | | 3000 | | | | | | | 0 | | 3000 | 0 |
| Building Technology | D2 | | 3000 | | | | | | | 0 | | 3000 | 0 |
| Custodial Services | D6 | | 2500 | | | | | | | 0 | | 2500 | 0 |
| Electrical Trades | D7 | | 3000 | | | | | | | 0 | | 3000 | 0 |
| Environmental Control Technologies | D8 | | 3000 | | | | | | | 0 | | 3000 | 0 |
| Heavy Equipment Operations | D9 | | 4500 | | | | | | | 0 | | 4500 | 0 |
| Integrated Systems Technology | R2 | | 3500 | | | | | | | 0 | | 3500 | 0 |
| Interior Design Applications | DA | | 3000 | | | | | | | 0 | | 3000 | 0 |
| Manufacturing Design and Development | R3 | | 4500 | | | | | | | 0 | | 4500 | 0 |
| Natural Resource Management | A6 | | | | | | | | | 0 | | | 0 |
| Laboratory | | | 3000 | | | | | | | 0 | | 3000 | 0 |
| Greenhouse | | | 1000 | | | | | | | 0 | | 1000 | 0 |
| Plumbing and Pipefitting | DB | | 3000 | | | | | | | 0 | | 3000 | 0 |
| Power Equipment Technology | T8 | | 3500 | | | | | | | 0 | | 3500 | 0 |
| Power Transmission | F4 | | 3500 | | | | | | | 0 | | 3500 | 0 |
| Welding and Cutting | R6 | | 3500 | | | | | | | 0 | | 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 | 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 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 | Qty | SF | Area | |
| Manufacturing Occupations | R7 | Laboratory | 3500 | 0 | | | 0 | 0 | varies | 0 | | 3500 | 0 | |
| | | CNC Room | 900 | 0 | | | | 0 | varies | 0 | | 900 | 0 | |
| | | Inspection Room | 150 | 0 | | | | 0 | varies | 0 | | 150 | 0 | |
| | | Mechanical, Electrical, and Plumbing | | | | | | | | | | | | |
| Laboratory | DE | | 3000 | 0 | | | 0 | 0 | varies | 0 | | 3000 | 0 | |
| | | CADD Room | 400 | 0 | | | | 0 | varies | 0 | | 400 | 0 | |
| Medium/Heavy Truck Technician | | | | | | | | | | | | | | |
| Laboratory | T7 | Laboratory | 6000 | 0 | | | 0 | 0 | varies | 0 | | 6000 | 0 | |
| | | Engine Storage | 800 | 0 | | | | 0 | varies | 0 | | 800 | 0 | |
| | | Flammable Material Storage | 60 | 0 | | | | 0 | varies | 0 | | 60 | 0 | |
| | | Machine Room | 900 | 0 | | | | 0 | varies | 0 | | 900 | 0 | |
| Precision Machining | | | | | | | | | | | | | | |
| Laboratory | R5 | Laboratory | 3500 | 0 | | | 0 | 0 | varies | 0 | | 3500 | 0 | |
| | | CNC Room | 900 | 0 | | | | 0 | varies | 0 | | 900 | 0 | |
| | | Inspection Room | 150 | 0 | | | | 0 | varies | 0 | | 150 | 0 | |
| | | Structural Systems | | | | | | | | | | | | |
| Laboratory | DD | | 3000 | 0 | | | 0 | 0 | varies | 0 | | 3000 | 0 | |
| | | CADD Room | 400 | 0 | | | | 0 | varies | 0 | | 400 | 0 | |
| Wood Product Technologies | | | | | | | | | | | | | | |
| Laboratory | DC | Laboratory | 3000 | 0 | | | 0 | 0 | varies | 0 | | 3000 | 0 | |
| | | Finishing Room | 500 | 0 | | | | 0 | varies | 0 | | 500 | 0 | |
| Material Storage | | 800 | 0 | | | | 0 | varies | 0 | | 800 | 0 | | |
| Total Lab Spaces | | 0 | | | 0 | | | 0 | | | 0 | | | |
| Related Space - List per Program add rows as needed | | | | | | | | | | | | | | |
| CT-P6-2 Related Classroom | Note 1 | | 900 | 0 | | | 0 | 0 | varies | 0 | | 900 | 0 | |
| | | CT-P6-3 Office | 120 | 0 | | | | 0 | varies | 0 | | 120 | 0 | |
| CT-P6-5 Changing Room | | | 270 | 0 | | | 0 | varies | 0 | | 270 | 0 | | |
| CT-P6-4 Storage | | | 200 | 0 | | | 0 | varies | 0 | | 200 | 0 | | |
| CT-P6-6 Tool Crib | | | 550 | 0 | | | 0 | varies | 0 | | 550 | 0 | | |
| CT-P6-7 Reference Room | | | 200 | 0 | | | 0 | varies | 0 | | 200 | 0 | | |
| CT-P6-8 Toilet Room | | | 68 | 0 | | | 0 | varies | 0 | | 68 | 0 | | |
| Total Program Type 6 (Page 1) | | | | 0 | | | 0 | 0 | | | 0 | | 0 | |
| Total Program Type 6 (Page 1 & 2) | | | | 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.
 - 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) | | | | 8000 | 0 | | | 0 | 0 | varies | 0 | | 8000 | 0 | |
| Laboratory Stables | | | | 6800 | 0 | | | 0 | 0 | varies | 0 | | 6800 | 0 | |
| Total Lab Spaces | | | | 0 | | 0 | | | 0 | 0 | varies | 0 | | 0 | |
| Related Space | Note 1 | | | 900 | 0 | | | 0 | 0 | varies | 0 | | 900 | 0 | |
| CT-P7-2 Classroom | | | | 120 | 0 | | | 0 | 0 | varies | 0 | | 120 | 0 | |
| CT-P7-3 Office | | | | 200 | 0 | | | 0 | 0 | varies | 0 | | 200 | 0 | |
| CT-P7-4 Storage | | | | 270 | 0 | | | 0 | 0 | varies | 0 | | 270 | 0 | |
| CT-P7-5 Changing Room | Note 3 | | | 550 | 0 | | | 0 | 0 | varies | 0 | | 550 | 0 | |
| CT-P7-6 Tool Crib | | | | 200 | 0 | | | 0 | 0 | varies | 0 | | 200 | 0 | |
| CT-P7-7 Reference Room | | | | 68 | 0 | | | 0 | 0 | varies | 0 | | 68 | 0 | |
| CT-P7-8 Toilet Room | | | | | | | | | | | | | | | |
| Total Program Type 7 | | | | | 0 | | | 0 | 0 | varies | 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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PURPOSE

The purpose of this chapter is to assist the school district and the Design Professional with purchase and development of a site.

INTRODUCTION

In each case of purchase and development, there are several required criteria to be in compliance with the Ohio School Facilities Commission guidelines. If these items are not in compliance, an approval to deviate must be obtained.

**SITE SELECTION
CRITERIA**

The site selection criteria given are not the only factors in selecting a site for a new facility. These criteria have an impact on development and use of a facility, however large or small. The school district and the Design Professional may supplement the criteria, if so desired. Several of the criteria have been determined to be significant enough that they must be complied with during consideration of a site and others must be in compliance prior to purchase of the site.

SITE DESIGN

General site design requirements for new facilities have been developed for all new buildings and are listed in Section 3200. Specific requirements unique to each building category are listed in Section 3300 for Elementary Schools, Section 3400 for Middle Schools, and Section 3500 for High Schools.

Throughout the site design requirements are references to "provide for" and "plan for." Where the term "provide for" is used, the Ohio School Facilities Commission will fund these items. Where the term "plan for" is used, the school district will fund, except for the site preparation, which generally are changes in topography.

**SITE ACCESS SAFETY
IMPROVEMENTS**

OSFC Master Planning Guidelines will include the option to provide a designated co-fundable allowance for site access safety improvements (i.e. deceleration lane, center left turn lane, metering, signage, etc.).

A traffic study, which is co-fundable, should be conducted during the planning stage or project phase. If facilities are on new sites, generally the allowance will be included. The Planner/RPC should consult with the District on this decision.

**OHIO DEPARTMENT
OF TRANSPORTATION**

The Ohio Department of Transportation has planning, selection, and design manuals available that may be helpful to the district and Design Professional during the review and selection of an appropriate school facility site. The district or Design Professional may contact the ODOT district offices found on the next page, for access to these references.

Ohio Department of Transportation Districts

**District 1**

1885 N. McCullough St.
Lima, OH 45801-0040
419-222-9055
fax: 419-222-0438

District 2

317 East Poe Rd.
Bowling Green, OH 43402-1330
419-353-8131
fax: 419-353-1468

District 3

906 Clark Ave.
Ashland, OH 44805-1989
800-276-4188 or 419-281-0513
fax: 419-281-0874

District 4

2088 S. Arlington Rd.
Akron, OH 44306
330-786-3100
fax: 330-786-2232

District 5

9600 Jacksontown Rd.
Jacksontown, OH 43030
740-323-4400
fax: 740-323-3715

District 6

400 East William St.
Delaware, OH 43015
740-833-8000
fax: 740-833-8100

District 7

1001 St. Marys Ave.
Sidney, OH 45365-0969
888-200-9919 or 937-492-1141
fax: 937-497-9734

District 8

505 S. State Route 741
Lebanon, OH 45036-9518
800-831-2142 or 513-932-3030
fax: 513-932-7651

Central Office

1980 W. Broad Street
Columbus, OH 43223
614-466-7170
fax: 614-644-8662
ODOT Web Site:
www.transportation.ohio.gov

District 9

650 Eastern Ave. PO Box 467
Chillicothe, OH 45601
888-819-8501 or 740-773-2691
fax: 740-775-4889

District 10

338 Muskingum Dr. PO Box 658
Marietta, OH 45750
800-845-0226 or 740-568-3900
fax: 740-373-7317

District 11

2201 Reiser Ave.
New Philadelphia, OH 44663
330-339-6633
fax: 330-308-3942

District 12

5500 Transportation Blvd.
Garfield Heights, OH 44125-5396
800-732-4896 or 216-581-2100
fax: 216-584-2274

A. GENERAL

1. Site selection criteria apply to new construction. A review of the site selection criteria is required for additions to existing facilities to determine if the existing site can accommodate the site design requirements. Site selection is to be done by the school district with the assistance of a design professional.
2. Factors to be used for judging the merits of a site under consideration are listed below. The order of the factors does not establish importance or priority of each factor.

2.1 Site Characteristics

- a. Proximity to other school district operated facilities**
- b. Proximity to student population served**
- c. Site Size
- d. Topography
- e. Soil Characteristics
- f. Site Utilities
- g. Site Preparation Requirements**
- h. Codes and Zoning**
- i. Adjacent Property**
- j. Easements/Rights-of-Way/Set-backs**
- k. Environmental Restrictions/Impact**
- l. Testing**
- m. Aesthetic Considerations**

2.2 Transportation And Access

- a. Pedestrian Access**
- b. Bicycle Access**
- c. Vehicular Access**
- d. Emergency Vehicle Access**
- e. Community Connectivity**
- f. Access to Public Transportation**

3. Sustainable Site Design Factors:
Following are a few of the factors to be considered when developing a sustainable site design. Additional factors can be found in the USGBC LEED for Schools reference guide.
 - a. Building orientation for daylighting and natural ventilation
 - b. Minimize site development impact
 - c. Minimize impervious surface
 - d. Site and athletic field maintenance using integrated pest management and water efficient irrigation systems

4. Where requirements differ between local/state authorities and Ohio School Facilities Commission guidelines, the project must comply with the greater of the two. Every site is unique, and situations may arise that are unforeseen by these guidelines. In the event that a special exception to these guidelines should be considered, the proposed variance to the guidelines should be discussed early in the planning process with the Ohio School Facilities Commission.

A. SITE SIZE

1. ***The site sizes given attempt to accommodate a range of available site sizes. It is also recognized that not all sites will be able to accommodate a new or replacement facility, even with the smallest site size recommended in this Design Manual. It is therefore incumbent on the District and it's Architect to analyze site sizes and determine the size that best meets the needs of the District. In order to assist the District in determining the best site size, the following recommended site sizes given:***
 - a. Elementary School: 10 acres plus 1 acre per 100 students
 - b. Middle School: 20 acres plus 1 acre per 100 students
 - c. High School: 35 acres plus 1 acre per 100 students
 - d. Combination Schools:
K-12 School: 40 acres plus 1 acre per 100 students
K-8 School: 20 acres plus 1 acre per 100 students
6-12 School: 35 acres plus 1 acre per 100 students
 - e. Career-Technical School ***and Comprehensive High Schools:*** 35 acres plus 1 acre per 100 students

B. URBAN SITE SIZE

1. ***In Urban areas, it may be necessary to reduce the size of the school site due to numerous existing and future development factors.*** A list of possible site size reductions is provided below for the ***District*** and Design Professional to analyze the different options. The list is not all-inclusive and all decisions need to involve all interested parties prior to deleting or reducing a program. ***Refer to paragraph C. URBAN SITE INTRODUCTION, for information on Urban site guidelines.***
 - a. Decrease the footprint percentages from the ideal target sizes identified in the Proposed Building Footprint chart in paragraph D that follows.
 - b. Decrease the amount of visitor and staff parking to be provided.
 - c. Decrease the amount of student parking provided.
 - d. Decrease the amount of mechanical yard space to be provided.

- e. Delete the bus drop-off and parent drop-off areas and provide a curbside service only.
- f. Reduce/decrease the size/number of playfields/playgrounds to be provided.

C. URBAN SITE INTRODUCTION

- 1. The following site size recommendations are intended as guidelines for evaluating the facilities required for schools of certain grade levels and student populations.
- 2. The design professional should review the recommended site sizes with the local school district with regard to their educational program, community needs, availability of existing recreational facilities within the community and other extenuating circumstances.
- 3. Paragraph D presents the building sizes recommended for various grade levels and student populations. Paragraph D also indicates what portion of that area should be reflected in the footprint of the building, i.e., what portion should remain on the first floor of the building.
 - a. After evaluation of all possible factors affecting the size of the new or existing site, the Design Professional shall submit the itemized evaluation to the OSFC for review and approval.
- 4. Paragraph E presents total parking spaces recommended for various grade levels and student populations.
- 5. Paragraphs F, G, and H present the total site area recommended for elementary schools of various student populations.
- 6. Paragraphs I, J, and K present the total site area recommended for middle schools of various student populations.
- 7. Paragraphs L, M, N and O present the total site area recommended for high schools of various student populations.
- 8. Paragraph P presents total area required for each type of outdoor athletic or recreation facility, and is intended as a guideline in adjusting recommended site sizes.

D. URBAN BUILDING FOOTPRINT

1. The following chart is intended to assist with building footprint size selection:

| Percentage of Building Footprint to Total Area (GSF) | | | | | | | | |
|---|----------------|-----|----------------|----------------|---------------|--------|-----|--------|
| Building Size | GSF | 40% | 50% | 60% | 70% | 80% | 90% | 100% |
| ELEMENTARY SCHOOLS | | | | | | | | |
| 400 students | 50,000 | | | | | | | 50,000 |
| 550 students | 64,520 | | | | 45,164 | 51,616 | | |
| 700 students | 80,920 | | | | 56,644 | 64,736 | | |
| MIDDLE SCHOOLS | | | | | | | | |
| 450 students | 67,950 | | | | 47,565 | 54,360 | | |
| 600 students | 85,725 | | | 51,435 | 60,007 | | | |
| 750 students | 105,750 | | | 63,450 | 74,025 | | | |
| HIGH SCHOOLS | | | | | | | | |
| 450 students | 81,000 | | | | 56,700 | 64,800 | | |
| 800 students | 132,800 | | | 79,680 | 92,960 | | | |
| 1200 students | 198,000 | | 99,000 | 118,800 | | | | |
| 1600 students | 259,200 | | 129,600 | 155,520 | | | | |

E. PARKING

1. The following chart is intended to assist in the development of the minimum parking for new facilities.
2. Provide the required accessible parking within quantities allocated.
3. Confirm minimum parking quantities with all local building, planning and zoning ordinances, requirements and codes. Verify that the minimum required parking equals or exceeds the requirements of all local building, planning and zoning ordinances and codes. Maximum co-funded parking is determined by the total of staff, visitor, and student parking or by required zoning, whichever is greater. Co-fundable parking quantities are based upon zoning requirements for educational uses only and not assembly uses. Parking quantities exceeding those required for educational use **only** will be a locally funded initiative (LFI).
4. Refer to section 3204 for additional parking information.

| Description | Elementary Schools | | | | | | Middle Schools | | | | | | High Schools | | | | |
|-------------------|--------------------|-----|-----|------|------|------|----------------|-----------|-----------|-----------|-----------|-----------|--------------|-----------|-----------|-----------|------------|
| Building Capacity | 400 | 550 | 700 | 1000 | 1500 | 2000 | 450 | 600 | 750 | 1000 | 1500 | 2000 | 450 | 800 | 1200 | 1600 | 2400 |
| Teaching Stations | 16 | 22 | 28 | 40 | 60 | 80 | 21 | 28 | 35 | 47 | 71 | 94 | 21 | 38 | 56 | 75 | 113 |

Note 1

Staff Parking

| | | | | | | | | | | | | | | | | | |
|-----------------------|----|----|----|----|-----|-----|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|------------|------------|------------|
| Teachers | 16 | 22 | 28 | 40 | 60 | 80 | 21 | 28 | 35 | 47 | 71 | 94 | 21 | 38 | 56 | 75 | 113 |
| Ancillary Staff | 8 | 11 | 14 | 20 | 30 | 40 | 9 | 12 | 15 | 20 | 30 | 40 | 5 | 8 | 12 | 16 | 24 |
| Administration | 6 | 8 | 10 | 14 | 20 | 27 | 7 | 10 | 12 | 16 | 24 | 31 | 6 | 11 | 16 | 22 | 32 |
| Custodial/Maintenance | 3 | 4 | 5 | 7 | 10 | 14 | 3 | 4 | 5 | 7 | 10 | 14 | 3 | 6 | 8 | 11 | 16 |
| Food Service | 4 | 5 | 6 | 8 | 12 | 16 | 4 | 5 | 6 | 8 | 12 | 16 | 4 | 7 | 10 | 13 | 20 |
| Total Staff Parking | 37 | 50 | 63 | 89 | 132 | 177 | 44 | 59 | 73 | 98 | 147 | 195 | 39 | 70 | 102 | 137 | 205 |
| OTHER | 19 | 27 | 35 | 51 | 78 | 103 | 31 | 41 | 52 | 70 | 107 | 141 | 36 | 66 | 98 | 131 | 199 |

Note 2

Note 3

Note 4

Note 5

Note 6

Note 7

| | | | | | | | | | | | | | | | | | |
|--------------------|---|----|----|----|----|----|---|----|----|----|----|----|----|-----|-----|-----|-----|
| Total Visitor | 8 | 11 | 14 | 20 | 30 | 40 | 9 | 12 | 15 | 20 | 30 | 40 | 9 | 16 | 24 | 32 | 48 |
| HS Student Parking | | | | | | | | | | | | | 90 | 160 | 240 | 320 | 480 |

Note 8

Note 9

| | | | | | | | | | | | | | | | | | |
|---------------------------|----|----|-----|-----|-----|-----|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum Co-funded Parking | 64 | 88 | 112 | 160 | 240 | 320 | 84 | 112 | 140 | 188 | 284 | 376 | 174 | 312 | 464 | 620 | 932 |
|---------------------------|----|----|-----|-----|-----|-----|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|

Note 10

- Note 1: ***Traditional ES teaching stations equal the total student enrollment divided by 25. Traditional MS and HS teaching stations equal the total student enrollment divided by 25 at a utilization factor of 85%.
Calculation: Elementary School - Total ES student enrollment/25 = Teaching Stations.
Middle and High School - Total (student enrollment / 25) / 0.85 = Teaching Stations***
- Note 2: Teachers are calculated at the following utilization of teaching stations:
Elementary School - 100%; Middle School - 85%; High School - 85%.
***Traditional ES teachers equal the total student enrollment divided by 25.
Traditional MS and HS teachers equal the total student enrollment divided by 25 at a utilization factor of 85%.
Calculation: Elementary School – Total Student Enrollment/25 = Number of Teachers
Middle and High School - (Total Student Enrollment / 25) / 0.85 = Number of Teachers***
- Note 3: Ancillary staff includes teaching aides, media center specialist, special education staff, etc. Total is calculated as percentage of the student population as follows:
Elementary-2%; Middle-2%; High-1%.
- Note 4: Administration includes principals, secretarial, and itinerant staff. Quantities of parking spaces indicated are based upon number of administrative personnel developed in the POR's for each grade configuration and student enrollment.
- Note 5: Custodial/maintenance staff includes full-time staff for regular school hours.
Calculation: 1 staff per 150 students.
- Note 6: Food service staff is calculated at 1 staff per 100 meals served with 80% building capacity participation for a full-service kitchen. Satellite kitchen would reduce staff by approximately 50-75%.
- Note 7: "OTHER" parking spaces are defined as the quantity of additional parking spaces to be co-funded to meet the minimum local zoning requirements.
- Note 8: Visitor parking is calculated at 2% of building student capacity.
- Note 9: Student parking is calculated at 20% of all High School students.
- Note 10: Total co-funded parking is determined by the total of staff, visitor, student, and other parking or by required zoning if greater than calculated quantities.

F. PARKING SUMMARY WORKBOOKS

1. The following four (4) PARKING SUMMARY worksheets contain examples of Elementary School, Middle School, High School and Combination School facilities co-fundable parking quantities. Interactive spreadsheets for calculating the number of co-funded parking quantities based on student enrollment are available.

SITE SELECTION CRITERIA SITE/SIZE

CHAPTER 3: SCHOOL SITE

ELEMENTARY SCHOOL

CHAPTER 3: SCHOOL SITE

PARKING SUMMARY

The following is an example of six sizes of elementary schools with the associated co-funded parking.

| DESCRIPTION | EXAMPLES | | | | | |
|--|-----------|-----------|------------|------------|------------|------------|
| Elementary School Student Enrollment | 400 | 550 | 700 | 1000 | 1500 | 2000 |
| Teaching Stations (<i>Note 1a</i>) | 16 | 22 | 28 | 40 | 60 | 80 |
| Staff Parking | | | | | | |
| Teachers (<i>Note 2</i>) | 16 | 22 | 28 | 40 | 60 | 80 |
| Ancillary Staff (<i>Note 3</i>) | 8 | 11 | 14 | 20 | 30 | 40 |
| Administration | 6 | 8 | 10 | 14 | 20 | 27 |
| Custodial / Maintenance (<i>Note 4</i>) | 3 | 4 | 5 | 7 | 10 | 14 |
| Food Service (<i>Note 5</i>) | 4 | 5 | 6 | 8 | 12 | 16 |
| Total Staff Parking | 37 | 50 | 63 | 89 | 132 | 177 |
| Other | 19 | 27 | 35 | 51 | 78 | 103 |
| Total Visitor (<i>Note 6</i>) | 8 | 11 | 14 | 20 | 30 | 40 |
| High School Parking (<i>Note 7</i>) | na | na | na | na | na | na |
| TOTAL CO-FUNDED ES PARKING | 64 | 88 | 112 | 160 | 240 | 320 |

WORKSHEET

| DESCRIPTION | |
|--|-----------|
| Elementary Student Enrollment | 550 |
| Teaching Stations (<i>Note 1a</i>) | 22 |
| Staff Parking | |
| Teachers (<i>Note 2</i>) | 22 |
| Ancillary Staff (<i>Note 3</i>) | 11 |
| Administration | 8 |
| Custodial / Maintenance (<i>Note 4</i>) | 4 |
| Food Service (<i>Note 5</i>) | 5 |
| Total Staff Parking | 50 |
| Other | 27 |
| Total Visitor (<i>Note 6</i>) | 11 |
| High School Parking (<i>Note 7</i>) | na |
| TOTAL CO-FUNDED ES PARKING | 88 |

Enter Student Enrollment

Administration includes principals, secretarial, and itinerant staff. Quantities of parking spaces indicated are based upon number of administrative personnel developed by the POR's for each configuration and student enrollment.

Other parking spaces are defined as the quantity of additional parking spaces to be co-funded to meet the minimum local zoning requirements.

Total parking is determined by the total of staff, visitor, student, and other parking or by required zoning if greater than calculated quantities.

| Formulas | | | | | |
|----------|---|------|-----------|---|---------------------------------|
| Notes | | | | | Quantities |
| 1a | ES Student Enrollment | / 25 | | = | ES Teaching Stations |
| 1b | MS Student Enrollment | / 25 | /.085 | = | MS Teaching Stations |
| 1c | HS Student Enrollment | / 25 | /.085 | = | HS Teaching Stations |
| 2 | ES Student Enrollment | / 25 | | = | ES Teacher Parking |
| 2 | MS Student Enrollment | / 25 | /.085 | = | MS Teacher Parking |
| 2 | HS Student Enrollment | / 25 | /.085 | = | HS Teacher parking |
| 3 | ES Student Enrollment | x | 2% | = | ES Ancillary Staff Parking |
| 3 | MS Student Enrollment | x | 2% | = | MS Ancillary Staff Parking |
| 3 | HS Student Enrollment | x | 1% | = | HS Ancillary Staff Parking |
| 4 | Student Enrollment | / | 150 | = | Custodial / Maintenance Parking |
| 5 | (Full Service Kitchen) Student Enrollment x 80% | / | 100 | = | Food Service Staff Parking |
| 5 | (Satellite Kitchen) Student Enrollment x 80% | / | 100 x 65% | = | Food Service Staff Parking |
| 6 | Student Enrollment | x | 2% | = | Visitor Parking |
| 7 | HS Student Enrollment | x | 20% | = | HS Student Parking |

SITE SELECTION CRITERIA SITE/SIZE

CHAPTER 3: SCHOOL SITE

MIDDLE SCHOOL

CHAPTER 3: SCHOOL SITE

PARKING SUMMARY

The following is an example of six sizes of middle schools with the associated co-funded parking.

| DESCRIPTION | EXAMPLES | | | | | |
|-------------------------------------|-----------|------------|------------|------------|------------|------------|
| Middle School Student Enrollment | 450 | 600 | 750 | 1000 | 1500 | 2000 |
| Teaching Stations (Note 1) | 21 | 28 | 35 | 47 | 71 | 94 |
| Staff Parking | | | | | | |
| Teachers (Note 2) | 21 | 28 | 35 | 47 | 71 | 94 |
| Ancillary Staff (Note 3) | 9 | 12 | 15 | 20 | 30 | 40 |
| Administration | 7 | 10 | 12 | 16 | 24 | 31 |
| Custodial / Maintenance (Note 4) | 3 | 4 | 5 | 7 | 10 | 14 |
| Food Service (Note 5) | 4 | 5 | 6 | 8 | 12 | 16 |
| Total Staff Parking | 44 | 59 | 73 | 98 | 147 | 195 |
| Other | 31 | 41 | 52 | 70 | 107 | 141 |
| Total Visitor (Note 6) | 9 | 12 | 15 | 20 | 30 | 40 |
| High School Parking (Note 7) | na | na | na | na | na | na |
| TOTAL CO-FUNDED MS PARKING | 84 | 112 | 140 | 188 | 284 | 376 |

WORKSHEET

| DESCRIPTION | | Enter Student Enrollment |
|-------------------------------------|------------|--------------------------|
| Middle School Student Enrollment | 1500 | |
| Teaching Stations (Note 1) | 71 | |
| Staff Parking | | |
| Teachers (Note 2) | 71 | |
| Ancillary Staff (Note 3) | 30 | |
| Administration | 24 | |
| Custodial / Maintenance (Note 4) | 10 | |
| Food Service (Note 5) | 12 | |
| Total Staff Parking | 147 | |
| Other | 107 | |
| Total Visitor (Note 6) | 30 | |
| High School Parking (Note 7) | na | |
| TOTAL CO-FUNDED MS PARKING | 284 | |

Administration includes principals, secretarial, and itinerant staff. Quantities of parking spaces indicated are based upon number of administrative personnel developed by the POR's for each configuration and student enrollment.

Other parking spaces are defined as the quantity of additional parking spaces to be co-funded to meet the minimum local zoning requirements.

Total parking is determined by the total of staff, visitor, student, and other parking or by required zoning if greater than calculated quantities.

| Formulas | | | | | |
|----------|---|------|-----------|---|---------------------------------|
| Notes | | | | | Quantities |
| 1a | ES Student Enrollment | / 25 | | = | ES Teaching Stations |
| 1b | MS Student Enrollment | / 25 | / 0.85 | = | MS Teaching Stations |
| 1d | HS Student Enrollment | / 25 | / 0.85 | = | HS Teaching Stations |
| 2 | ES Student Enrollment | / 25 | | = | ES Teacher Parking |
| 2 | MS Student Enrollment | / 25 | / 0.85 | = | MS Teacher Parking |
| 2 | HS Student Enrollment | / 25 | / 0.85 | = | HS Teacher parking |
| 3 | ES Student Enrollment | x | 2% | = | ES Ancillary Staff Parking |
| 3 | MS Student Enrollment | x | 2% | = | MS Ancillary Staff Parking |
| 3 | HS Student Enrollment | x | 1% | = | HS Ancillary Staff Parking |
| 4 | Student Enrollment | / | 150 | = | Custodial / Maintenance Parking |
| 5 | (Full Service Kitchen) Student Enrollment x 80% | / | 100 | = | Food Service Staff Parking |
| 5 | (Satellite Kitchen) Student Enrollment x 80% | / | 100 x 65% | = | Food Service Staff Parking |
| 6 | Student Enrollment | x | 2% | = | Visitor Parking |
| 7 | HS Student Enrollment | x | 20% | = | HS Student Parking |

SITE SELECTION CRITERIA

SITE/SIZE

CHAPTER 3: SCHOOL SITE

CHAPTER 3: SCHOOL SITE

HIGH SCHOOL PARKING SUMMARY

The following is an example of five sizes of high schools with the associated co-funded parking.

| DESCRIPTION | EXAMPLES | | | | |
|-------------------------------------|------------|------------|------------|------------|------------|
| High School Student Enrollment | 450 | 800 | 1200 | 1600 | 2400 |
| Teaching Stations (Note 1) | 21 | 38 | 56 | 75 | 113 |
| Staff Parking | | | | | |
| Teachers (Note 2) | 21 | 38 | 56 | 75 | 113 |
| Ancillary Staff (Note 3) | 5 | 8 | 12 | 16 | 24 |
| Administration | 6 | 11 | 16 | 22 | 32 |
| Custodial / Maintenance (Note 4) | 3 | 6 | 8 | 11 | 16 |
| Food Service (Note 5) | 4 | 7 | 10 | 13 | 20 |
| Total Staff Parking | 39 | 70 | 102 | 137 | 205 |
| Other | | | | | |
| Total Visitor (Note 6) | 9 | 16 | 24 | 32 | 48 |
| High School Parking (Note 7) | 90 | 160 | 240 | 320 | 480 |
| TOTAL CO-FUNDED HS PARKING | 174 | 312 | 464 | 620 | 932 |

WORKSHEET

| DESCRIPTION | |
|-------------------------------------|------------|
| High School Student Enrollment | 800 |
| Teaching Stations (Note 1) | 38 |
| Staff Parking | |
| Teachers (Note 2) | 38 |
| Ancillary Staff (Note 3) | 8 |
| Administration | 11 |
| Custodial / Maintenance (Note 4) | 6 |
| Food Service (Note 5) | 7 |
| Total Staff Parking | 70 |
| Other | |
| Total Visitor (Note 6) | 16 |
| High School Parking (Note 7) | 160 |
| TOTAL CO-FUNDED HS PARKING | 312 |

Enter Student Enrollment

Administration includes principals, secretarial, and itinerant staff. Quantities of parking spaces indicated are based upon number of administrative personnel developed by the POR's for each configuration and student enrollment.

Other parking spaces are defined as the quantity of additional parking spaces to be co-funded to meet the minimum local zoning requirements.

Total parking is determined by the total of staff, visitor, student, and other parking or by required zoning if greater than calculated quantities.

| Formulas | | | | | |
|----------|---|------|-----------|---|---------------------------------|
| Notes | | | | | Quantities |
| 1a | ES Student Enrollment | / 25 | | = | ES Teaching Stations |
| 1b | MS Student Enrollment | / 25 | / .085 | = | MS Teaching Stations |
| 1c | HS Student Enrollment | / 25 | / .085 | = | HS Teaching Stations |
| 2 | ES Student Enrollment | / 25 | | = | ES Teacher Parking |
| 2 | MS Student Enrollment | / 25 | / .085 | = | MS Teacher Parking |
| 2 | HS Student Enrollment | / 25 | / .085 | = | HS Teacher parking |
| 3 | ES Student Enrollment | x | 2% | = | ES Ancillary Staff Parking |
| 3 | MS Student Enrollment | x | 2% | = | MS Ancillary Staff Parking |
| 3 | HS Student Enrollment | x | 1% | = | HS Ancillary Staff Parking |
| 4 | Student Enrollment | / | 150 | = | Custodial / Maintenance Parking |
| 5 | (Full Service Kitchen) Student Enrollment x 80% | / | 100 | = | Food Service Staff Parking |
| 5 | (Satellite Kitchen) Student Enrollment x 80% | / | 100 x 65% | = | Food Service Staff Parking |
| 6 | Student Enrollment | x | 2% | = | Visitor Parking |
| 7 | HS Student Enrollment | x | 20% | = | HS Student Parking |

CHAPTER 3: SCHOOL SITE

COMBINATION SCHOOL
PARKING SUMMARY

DESCRIPTION

| | |
|--------------------------------------|-----------|
| Elementary School Student Enrollment | 550 |
| Teaching Stations (Note 1a) | 22 |
| Staff Parking | |
| Teachers (Note 2) | 22 |
| Ancillary Staff (Note 3) | 11 |
| Administration | 8 |
| Custodial / Maintenance (Note 4) | 4 |
| Food Service (Note 5) | 5 |
| Total Staff Parking | 50 |
| Other | |
| Total Visitor (Note 6) | 11 |
| High School Parking (Note 7) | na |
| TOTAL CO-FUNDED ES PARKING | |
| | 88 |

Enter Student Enrollment

Administration includes principals, secretarial, and itinerant staff. Quantities of parking spaces indicated are based upon number of administrative personnel developed by the POR's for each configuration and student enrollment.

Other parking spaces are defined as the quantity of additional parking spaces to be co-funded to meet the minimum local zoning requirements.

Total parking is determined by the total of staff, visitor, student, and other parking or by required zoning if greater than calculated quantities.

MIDDLE SCHOOL PORTION WORKSHEET

DESCRIPTION

| | |
|-------------------------------------|-----------|
| Middle School Student Enrollment | 300 |
| Teaching Stations (Note 1b) | 14 |
| Staff Parking | |
| Teachers (Note 2) | 14 |
| Ancillary Staff (Note 3) | 6 |
| Administration | 5 |
| Custodial / Maintenance (Note 4) | 2 |
| Food Service (Note 5) | 3 |
| Total Staff Parking | 30 |
| Other | |
| Total Visitor (Note 6) | 6 |
| High School Parking (Note 7) | na |
| TOTAL CO-FUNDED MS PARKING | |
| | 56 |

Enter Student Enrollment

Administration includes principals, secretarial, and itinerant staff. Quantities of parking spaces indicated are based upon number of administrative personnel developed by the POR's for each configuration and student enrollment.

Other parking spaces are defined as the quantity of additional parking spaces to be co-funded to meet the minimum local zoning requirements.

Total parking is determined by the total of staff, visitor, student, and other parking or by required zoning if greater than calculated quantities.

HIGH SCHOOL PORTION WORKSHEET

DESCRIPTION

| | |
|-------------------------------------|------------|
| High School Student Enrollment | 400 |
| Teaching Stations (Note 1) | 19 |
| Staff Parking | |
| Teachers (Note 2) | 19 |
| Ancillary Staff (Note 3) | 4 |
| Administration | 6 |
| Custodial / Maintenance (Note 4) | 3 |
| Food Service (Note 5) | 4 |
| Total Staff Parking | 36 |
| Other | |
| Total Visitor (Note 6) | 8 |
| High School Parking (Note 7) | 80 |
| TOTAL CO-FUNDED HS PARKING | |
| | 156 |

Enter Student Enrollment

Administration includes principals, secretarial, and itinerant staff. Quantities of parking spaces indicated are based upon number of administrative personnel developed by the POR's for each configuration and student enrollment.

Other parking spaces are defined as the quantity of additional parking spaces to be co-funded to meet the minimum local zoning requirements.

Total parking is determined by the total of staff, visitor, student, and other parking or by required zoning if greater than calculated quantities.

SITE SELECTION CRITERIA SITE/SIZE

CHAPTER 3: SCHOOL SITE

COMBINATION SCHOOL PARKING SUMMARY

CHAPTER 3: SCHOOL SITE

TOTAL COMBINATION SCHOOL PARKING WORKSHEET

DESCRIPTION

| | |
|--|------------|
| Total Combination School Enrollment | 1849 |
| Teaching Stations (Note 1a, 1b, and 1c) | 74 |
| Staff Parking | |
| Teachers (Note 2) | 85 |
| Ancillary Staff (Note 3) | 27 |
| Administration | 29 |
| Custodial / Maintenance (Note 4) | 13 |
| Food Service (Note 5) | 15 |
| Total Staff Parking | 169 |
| Other | |
| Total Visitor (Note 6) | 92 |
| High School Parking (Note 7) | 37 |
| High School Parking (Note 7) | 200 |
| TOTAL CO-FUNDED PARKING | 496 |

Administration includes principals, secretarial, and itinerant staff. Quantities of parking spaces indicated are based upon number of administrative personnel developed by the POR's for each configuration and student enrollment.

Other parking spaces are defined as the quantity of additional parking spaces to be co-funded to meet the minimum local zoning requirements.

Total parking is determined by the total of staff, visitor, student, and other parking or by required zoning if greater than calculated quantities.

| Formulas | | | | | |
|----------|---|------|-----------|---|---------------------------------|
| Notes | | | | | Quantities |
| 1a | ES Student Enrollment | / 25 | | = | ES Teaching Stations |
| 1b | MS Student Enrollment | / 25 | / .085 | = | MS Teaching Stations |
| 1c | HS Student Enrollment | / 25 | / .085 | = | HS Teaching Stations |
| 2 | ES Student Enrollment | / 25 | | = | ES Teacher Parking |
| 2 | MS Student Enrollment | / 25 | / .085 | = | MS Teacher Parking |
| 2 | HS Student Enrollment | / 25 | / .085 | = | HS Teacher parking |
| 3 | ES Student Enrollment | x | 2% | = | ES Ancillary Staff Parking |
| 3 | MS Student Enrollment | x | 2% | = | MS Ancillary Staff Parking |
| 3 | HS Student Enrollment | x | 1% | = | HS Ancillary Staff Parking |
| 4 | Student Enrollment | / | 150 | = | Custodial / Maintenance Parking |
| 5 | (Full Service Kitchen) Student Enrollment x 80% | / | 100 | = | Food Service Staff Parking |
| 5 | (Satellite Kitchen) Student Enrollment x 80% | / | 100 x 65% | = | Food Service Staff Parking |
| 6 | Student Enrollment | x | 2% | = | Visitor Parking |
| 7 | HS Student Enrollment | x | 20% | = | HS Student Parking |

G. URBAN ELEMENTARY SCHOOL – 400 students

| | | |
|---|-------------------|-------------------|
| Building Footprint (One-Story) | 50,000 SF | 1.15 acres |
| K-2/3-5 Playgrounds (see Note 1) | 20,000 SF | 0.46 acre |
| Parking and Drives (see Note 2) | 17,600 SF | 0.40 acre |
| Play Fields (see Note 3): One multipurpose field (360' x 250'), one softball field (200' outfield), and one basketball court | <u>117,340 SF</u> | <u>2.69 acres</u> |
| Subtotal | 204,940 SF | 4.70 acres |
| Add 20% Greenspace (see Note 4) | <u>40,988 SF</u> | <u>0.94 acre</u> |
| TOTAL | 245,928 SF | 5.64 acres |
| Recommended site size | | 5.75 acres |

- Note 1: This space footage, based on 50 SF per student, allows for a hard surface play area and a soft surface play equipment area for each playground.
- Note 2: This estimate of area, based on 400 SF per car, allows for drives, a drop-off/pick-up zone, and a service area drive.
- Note 3: Softball fields may partially overlap multipurpose field.
- Note 4: 20% of the site square footage requirements as greenspace ensures adequate space for separation of the various elements located on each site. Includes site landscaping.

H. URBAN ELEMENTARY SCHOOL – 550 students

| | | |
|---|-------------------|-------------------|
| Building Footprint (Two-Story) | 51,616 SF | 1.19 acres |
| K-2/3-5 Playgrounds (see Note 1) | 27,500 SF | 0.63 acre |
| Parking and Drives (see Note 2) | 24,000 SF | 0.55 acre |
| Play Fields (see Note 3): One multipurpose field (360' x 250'), one softball field (200' outfield), and one basketball court | <u>117,340 SF</u> | <u>2.69 acres</u> |
| Subtotal | 220,456 SF | 5.06 acres |
| Add 20% Greenspace (see Note 4) | <u>44,091 SF</u> | <u>1.02 acres</u> |
| TOTAL | 264,547 SF | 6.07 acres |
| Recommended site size | | 6.25 acres |

- Note 1: This space footage, based on 50 SF per student, allows for a hard surface play area and a soft surface play equipment area for each playground.
- Note 2: This estimate of area, based on 400 SF per car, allows for drives, a drop-off/pick-up zone, and a service area drive.
- Note 3: Softball fields may partially overlap multipurpose field.
- Note 4: 20% of the site square footage requirements as greenspace ensures adequate space for separation of the various elements located on each site. Includes site landscaping.

I. URBAN ELEMENTARY SCHOOL – 700 students

| | | |
|--|-------------------|-------------------|
| Building Footprint (Two-Story) | 64,736 SF | 1.49 acres |
| K-2/3-5 Playgrounds (see Note 1) | 35,000 SF | 0.80 acre |
| Parking and Drives (see Note 2) | 30,400 SF | 0.70 acre |
| Play Fields (see Note 3): One multipurpose field (360' x 250'), Two softball fields (200' outfield), and one basketball court | <u>139,040 SF</u> | <u>3.19 acres</u> |
| Subtotal | 269,176 SF | 6.18 acres |
| Add 20% Greenspace (see Note 4) | <u>53,835 SF</u> | <u>1.24 acre</u> |
| TOTAL | 323,011 SF | 7.42 acres |
| Recommended site size | | 7.50 acres |

Note 1: This space footage, based on 50 SF per student, allows for a hard surface play area and a soft surface play equipment area for each playground.

Note 2: This estimate of area, based on 400 SF per car, allows for drives, a drop-off/pick-up zone, and a service area drive.

Note 3: Softball fields may partially overlap multipurpose field.

Note 4: 20% of the site square footage requirements as greenspace ensures adequate space for separation of the various elements located on each site. Includes site landscaping.

J. URBAN MIDDLE SCHOOL – 450 students

| | | |
|---|-------------------|-------------------|
| Building Footprint (Two-Story) | 54,360 SF | 1.25 acres |
| Parking and Drives (see Note 1) | 21,200 SF | 0.48 acre |
| Play Fields (see Note 2): | | |
| One six-lane running track, | | |
| One soccer/football and events field in track interior, | | |
| One baseball field (350' outfield), | | |
| One softball field (200' outfield), | | |
| and one basketball court | | |
| | <u>363,300 SF</u> | <u>8.34 acres</u> |
| Subtotal | 438,860 SF | 10.07 acres |
| Add 30% Greenspace (see Note 3) | <u>131,658 SF</u> | <u>3.02 acres</u> |
| TOTAL | 570,518 SF | 13.09 acres |
| Recommended site size | | 13.25 acres |

- Note 1: This estimate of area, based on 400 SF per car, allows for drives, a drop-off/pick-up zone, and a service area drive.
- Note 2: Pole vault is not included at track.
- Note 3: 30% of the site square footage requirements as greenspace ensures adequate space for separation of the various elements located on each site. Includes site landscaping.

K. URBAN MIDDLE SCHOOL – 600 students

| | | |
|---|-------------------|-------------------|
| Building Footprint (Two-Story) | 60,007 SF | 1.38 acres |
| Parking and Drives (see Note 1) | 28,000 SF | 0.64 acre |
| Play Fields (see Note 2): | | |
| One six-lane running track, | | |
| One soccer/football and events field in track interior, | | |
| One baseball field (350' outfield), | | |
| Two softball fields (200' outfield), | | |
| and two basketball courts | | |
| | <u>407,191 SF</u> | <u>9.35 acres</u> |
| Subtotal | 495,198 SF | 11.37 acres |
| Add 30% Greenspace (see Note 3) | <u>148,559 SF</u> | <u>3.41 acres</u> |
| TOTAL | 643,757 SF | 14.78 acres |
| Recommended site size | | 15.00 acres |

Note 1: This estimate of area, based on 400 SF per car, allows for drives, a drop-off/pick-up zone, and a service area drive.

Note 2: Pole vault is not included at track.

Note 3: 30% of the site square footage requirements as greenspace ensures adequate space for separation of the various elements located on each site. Includes site landscaping.

L. URBAN MIDDLE SCHOOL – 750 students

| | | |
|---|-------------------|-------------------|
| Building Footprint (Two-Story) | 74,025 SF | 1.70 acres |
| Parking and Drives (see Note 1) | 34,800 SF | 0.80 acre |
| Play Fields (see Note 2): | | |
| One six-lane running track, | | |
| One soccer/football and events field in track interior, | | |
| One baseball field (350' outfield), | | |
| Two softball fields (200' outfield), | | |
| and two basketball courts | | |
| | <u>407,191 SF</u> | <u>9.35 acres</u> |
| Subtotal | 516,016 SF | 11.85 acres |
| Add 30% Greenspace (see Note 3) | <u>154,805 SF</u> | <u>3.55 acres</u> |
| TOTAL | 670,821 SF | 15.40 acres |
| Recommended site size | | 15.50 acres |

Note 1: This estimate of area, based on 400 SF per car, allows for drives, a drop-off/pick-up zone, and a service area drive.

Note 2: Pole vault is not included at track.

Note 3: 30% of the site square footage requirements as greenspace ensures adequate space for separation of the various elements located on each site. Includes site landscaping.

M. URBAN HIGH SCHOOL – 450 students

| | | |
|---|-------------------|--------------------|
| Building Footprint (Two-Story) | 64,800 SF | 1.49 acres |
| Parking and Drives (see Note 1) | 56,000 SF | 1.29 acres |
| Play Fields (see Note 2): | | |
| One six-lane running track, | | |
| One soccer/football and events field in track interior, | | |
| One practice football field, | | |
| One baseball field (400' outfield), | | |
| One softball field (250' outfield), | | |
| Four tennis courts, | | |
| and two basketball courts | | |
| | <u>439,231 SF</u> | <u>10.08 acres</u> |
| Subtotal | 560,031 SF | 12.86 acres |
| Add 35% Greenspace (see Note 3) | <u>196,010 SF</u> | <u>4.50 acres</u> |
| TOTAL | 756,041 SF | 17.36 acres |
| Recommended site size | | 17.50 acres |

Note 1: This estimate of area, based on 400 SF per car, allows for drives, a drop-off/pick-up zone, and a service area drive.

Note 2: Pole vault is not included at track.

Note 3: 35% of the site square footage requirements as greenspace ensures adequate space for separation of the various elements located on each site. Includes site landscaping.

N. URBAN HIGH SCHOOL – 800 students

| | | |
|---|-------------------|--------------------|
| Building Footprint (Two-Story) | 92,960 SF | 2.13 acres |
| Parking and Drives (see Note 1) | 98,000 SF | 2.25 acres |
| Play Fields (see Note 2): | | |
| One eight-lane running track, | | |
| One soccer/football and events field in track interior, | | |
| One practice football field, | | |
| One practice soccer field, | | |
| One baseball field (400' outfield), | | |
| One softball field (250' outfield), | | |
| Six tennis courts, | | |
| and four basketball courts | | |
| | <u>532,839 SF</u> | <u>12.23 acres</u> |
| Subtotal | 723,799 SF | 16.61 acres |
| Add 35% Greenspace (see Note 3) | <u>253,330 SF</u> | <u>5.82 acres</u> |
| TOTAL | 977,129 SF | 22.43 acres |
| Recommended site size | | 22.50 acres |

Note 1: This estimate of area, based on 400 SF per car, allows for drives, a drop-off/pick-up zone, and a service area drive.

Note 2: Pole vault is not included at track.

Note 3: 35% of the site square footage requirements as greenspace ensures adequate space for separation of the various elements located on each site. Includes site landscaping.

O. URBAN HIGH SCHOOL – 1,200 students

| | | |
|---|-------------------|--------------------|
| Building Footprint | 118,800 SF | 2.73 acres |
| Parking and Drives (see Note 1) | 146,400 SF | 3.36 acres |
| Play Fields (see Note 2): | | |
| One eight-lane running track, | | |
| One soccer/football and events field in track interior, | | |
| One practice football field, | | |
| One practice soccer field, | | |
| Two baseball fields (400' outfield), | | |
| Two softball fields (250' outfield), | | |
| Ten tennis courts, | | |
| and six basketball courts | <u>775,823 SF</u> | <u>17.81 acres</u> |
| Subtotal | 1,041,023 SF | 23.90 acres |
| Add 35% Greenspace (see Note 3) | <u>364,358 SF</u> | <u>8.36 acres</u> |
| TOTAL | 1,405,381 SF | 32.26 acres |
| Recommended site size | | 32.50 acres |

Note 1: This estimate of area, based on 400 SF per car, allows for drives, a drop-off/pick-up zone, and a service area drive.

Note 2: Pole vault is not included at track.

Note 3: 35% of the site square footage requirements as greenspace ensures adequate space for separation of the various elements located on each site. Includes site landscaping.

P. URBAN HIGH SCHOOL – 1,600 students

| | | |
|---|-------------------|--------------------|
| Building Footprint | 155,520 SF | 3.57 acres |
| Parking and Drives (see Note 1) | 194,000 SF | 4.45 acres |
| Play Fields (see Note 2): | | |
| One eight-lane running track, | | |
| One soccer/football and events field in track interior, | | |
| One practice football field, | | |
| One practice soccer field, | | |
| Two baseball fields (400' outfield), | | |
| Three softball fields (250' outfield), | | |
| Ten tennis courts, | | |
| and six basketball courts | <u>821,908 SF</u> | <u>18.87 acres</u> |
| Subtotal | 1,171,428 SF | 26.89 acres |
| Add 35% Greenspace (see Note 3) | <u>410,000 SF</u> | <u>9.41 acres</u> |
| TOTAL | 1,581,428 SF | 36.30 acres |
| Recommended site size | | 36.50 acres |

Note 1: This estimate of area, based on 400 SF per car, allows for drives, a drop-off/pick-up zone, and a service area drive.

Note 2: Pole vault is not included at track.

Note 3: 35% of the site square footage requirements as greenspace ensures adequate space for separation of the various elements located on each site. Includes site landscaping.

Q. SPACE REQUIREMENTS FOR OUTDOOR ATHLETIC AND RECREATION FIELDS

1. The following information is intended as a guideline in adjusting the recommended site sizes by adding or deleting playing fields.
2. The designer should note that paragraphs F through O of this chapter use some overlap of recreational fields in determining total area required for all fields at each site.
3. The designer must consider configuration of each field in determining the actual area to add or delete for each field. Refer to design guidelines for court and field dimensions.
4. The designer should also consider drainage, circulation, access, and the need for bleacher seating.
5. Baseball: Estimate is based on 350' radius to centerfield and 300' radius to right and left outfield with 60' offset from baseline to sideline fence. 135,806 SF 3.12 acres

Softball:

One field with outfield overlapping multi-purpose field:
(includes 360' x 195' multi-purpose field)

91,200 SF 2.09 acres

One field – no overlap 53,824 SF 1.24 acres

Soccer/multipurpose field: 70,200 SF 1.61 acres

Track & field events:

6-lane track, with interior field (no events)

146,000 SF 3.35 acres

6-lane track, with interior field and discus/shot-put combo:

173,222 SF 3.98 acres

8-lane track, with interior field & events

187,500 SF 4.30 acres

Tennis: 10 courts 66,530 SF 1.53 acres

4 courts 24,480 SF 0.56 acre

Basketball: Courts are 84' x 50'. Courts in quantity of 1-2 have 5' surrounding and between courts. Courts in quantity of 3 and up have 10' on ends and 5' to sides and between courts.

1 court 5,640 SF 0.13 acre

2 courts 10,810 SF 0.25 acre

4 courts 23,400 SF 0.54 acre

6 courts 34,840 SF 0.80 acre

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A. TOPOGRAPHY

1. A level area is required to accommodate buildings, perimeter walks, vehicular circulation, mechanical/service yard, parking areas, outdoor student playgrounds, and physical education areas.
2. There should be sufficient slope across the site to allow for positive drainage to a storm sewer outlet, legal storm drain, or other discharge point.
3. Significant changes in topography increase site development costs if retaining walls, steps, and ramps are required to create level areas.
4. A preliminary site topography survey can be obtained from the 7.5 minute quadrangle series maps produced by the United States Geological Survey. This information can provide necessary preliminary topography information.

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A. ACCESS

1. The site shall be accessible from collector, rural, or arterial roads that are suitable for **pedestrians, bicycles, cars**, buses, **and** service vehicles.
2. A careful study of **pedestrian, bicycle, and vehicular** traffic must be performed to reduce the potential hazards of merging, crossing, and turning traffic. For example, limited access roads that are congested at peak times of arrival and dismissal of students from the school site should not be considered.
3. A traffic study may be required by the authorities having jurisdiction to predict the impact of the school at peak times of arrival and dismissal.
4. Review site distances along the roadway from existing or proposed entry/entrance.
5. Consult local street or highway department having jurisdiction for turn lane, passing blister, drive width, and radius requirements for allowable entry/exit point locations.
6. Two or three entry/exit points into the site are recommended to provide the appropriate separation of car and bus traffic. A high volume of cars at special events may necessitate more than one entry/exit point for safe and efficient circulation.
7. Review opportunities for regional transportation improvement funding from FHWA, ODOT, **Ohio Public Works Commission**, ODOT Safe Routes to School, Metropolitan Planning Organization's (MPO's), county, township, and/or municipality.
8. Minimize the amount of impervious material associated with vehicle access and parking.
9. Where appropriate, provide access for pedestrians and bike riders entering school property.
10. Provide sidewalks around the perimeter of the site where required by local agencies.

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A. SOIL CHARACTERISTICS

1. Soil conditions and characteristics may impact total building design. A county soil survey may be obtained from the local soil conservation service for review.
2. Soil characteristics will determine foundation design, pavement design, storm sewer design, and excavation requirements.
3. Soil drainage characteristics and the presence of high ground water may result in the need for an under drainage system.
4. Presence of high ground water or seasonally wet soils can adversely affect the cost of construction. Lime or other soil stabilization may be necessary to correct wet soil conditions.
5. Erosion characteristics will affect the need for temporary devices, such as silt fence, and permanent devices, such as erosion control blanket and riprap, to prevent topsoil and subsoil loss.
6. Avoid sites that may require rock excavation.
7. ***Analyze soil characteristics for ground water recharge capability.***
8. ***Evaluate wet soils or seasonal high water profiles for surface water feature potential – ponds, swales, etc.***

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A. STORM SEWER

1. Storm water must be detained on site and released at a rate that will not exceed current runoff rates and meets requirements of the authority having jurisdiction.
2. A storm sewer line, legal drain, or other approved outlet should be located close to the site.
3. Consider opportunities for multiple, low-volume detention basins (in lieu of single large-volume basin).
4. Look for site design opportunities that will handle storm water on site, recharge the local aquifers, and minimize the load on the civil infrastructure. ***Consider opportunities for below-ground collection, detention, and retention of stormwater runoff where applicable.***
5. Investigate alternative ways of handling parking lot discharge, including the use of the area under the paved surfaces.

B. SANITARY SEWER

1. An evaluation of the expected sewage impact from the new facility is required. The following values are typically used:
 - a. Elementary School: 15 x gallons per student per day
 - b. Middle School: 20 x gallons per student per day
 - c. High School: 20 x gallons per student per day
 - d. Career-Technical: 20 x gallons per student per day
2. Sewage from school buildings shall be discharged into an approved sewage system. If a public sewage system is not available, an on-site sewage treatment facility will be required.

C. DOMESTIC WATER

1. A domestic water system is required from either a local water company or an on-site well.
2. Coordination with the local water company will be necessary.
3. A flow test will provide data on the available flow in gallons per minute (gpm), static pressure available, and available residual pressure for fire protection systems.
4. It should be noted that local fire departments or water companies may have additional requirements for the incoming service that are specific to that particular community and must be fully investigated by the Site Design Professional.
5. If a local water service is not available, an on-site well system is required. The on-site well system shall be required to provide water for domestic use and fire protection systems. When a well is considered, a test well is to be drilled. The Environmental Protection Agency must be contacted to make an evaluation of the proposed well system.

D. GAS SERVICE

1. The Site Design Professional is required to evaluate the need and method to provide gas service to the building. If natural gas service is not available, the installation of liquid propane (LP) gas should be investigated.

E. ELECTRICAL

1. Adequate electrical service must be evaluated for all sites under consideration. The **voltage shall be 208-volt, 3-phase service**, or 480-volt, 3-phase service.

F. PHONE

1. Coordination with the local Service Provider (SP) will be necessary.
2. Underground Conduit(s) will be required from the SP's facilities or between buildings located on the same campus.
3. Depending on the length of the conduit(s), underground splice points or pulling points (hand-holes or man-holes) may be required.

G. CATV

1. Coordination with the local Service Provider (SP) will be necessary.
2. Underground Conduit(s) will be required from the SP's facilities or between buildings located on the same campus.
3. Depending on the length of the conduit(s), underground splice points or pulling points (hand-holes or man-holes) may be required.

H. FIBER/DA-Site

1. Coordination with the local Service Provider (SP) will be necessary.
2. Underground Conduit(s) will be required from the SP's facilities or between buildings located on the same campus.
3. Depending on the length of the conduit(s), underground splice points or pulling points (hand-holes or man-holes) may be required.

A. SITE DEMOLITION

1. Demolition of existing improvements such as buildings, pavement, and vegetation will be required to develop the proposed site plan and should be kept at a minimum.
2. Refer to Section 3111, Testing, for demolition of underground tanks and asbestos.
3. Look for ways to salvage or recycle material resulting from the deconstruction of existing buildings and the proposed site.
4. ***From demolition of existing buildings, consider using clean, hard fill consisting only of reinforced or non-reinforced concrete, asphalt concrete, brick, block, tile, or stone for site fill. Clean, hard fill must not be contaminated (Ohio EPA).***

B. CONSTRUCTION STAGING

1. Adequate space should be available on site for construction staging--location for soil stockpiles, portable field offices, storage of construction materials, and equipment.

C. GEOGRID SYSTEMS

1. ***Subsurface Drainage Geotextiles: Nonwoven, needle-punched geotextile made from polyolefins or polyesters used for subsurface drainage applications.***
2. ***Separation Geotextiles: Woven geotextile fabric manufactured for separation applications, made from polyolefins or polyesters.***
3. ***Reinforcing Geotextile: For subgrade treatment and subgrade stabilization, made from polypropylene. Used for road base course reinforcement and subgrade improvement. Also used to reinforce earth-fill slope, wall and base layer construction.***

D. CHEMICAL STABILIZATION

1. ***Chemical stabilization using lime as a traditional solution when soft or expansive clay subgrade soils are encountered. For lime-treated areas, care must be taken for the rate of application, depth of treatment, uniformity of mixture into the soil, and soil type consistency. Other binders are used.***
 - a. ***Cement, flyash, and ground blast furnace slag.***

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A. CODES AND ZONING

1. Incompatible or nonconforming zoning may necessitate a zoning change variance or a special exception land use permit.
2. Zoning ordinance restrictions such as building height, setback, fence height, landscaping, screening requirements, placement and design of site signage, and size of parking spaces can affect site development costs and flexibility.
3. The process of requesting a variance or zoning change can slow the planning process.

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A. ADJACENT PROPERTY

1. The use of adjacent properties should be reviewed for their potential to enhance or detract from the school site.
2. Screening of noise and views may be required.
3. ***Screening of site lighting may be required.***
4. Consider the safety of children walking ***and bicycling*** to and from the school site and during use of outdoor athletic and play facilities.
5. Adjacent railroad rights-of-way or busy streets may require the use of earth berms, landscaping, and/or fencing.
6. Consider site location within the school district boundaries and proximity to residential areas it will serve.
7. Proximity to manufacturing and industrial districts may be a concern for pollution or safety.
8. Consider proximity to adjacent land-owners utilities including domestic water wells (and aquifer).

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A. EASEMENTS/RIGHTS-OF-WAY

1. Easements and rights-of-way for roads, sewers, gas, power, water, and oil lines should be researched for potential development restrictions.
2. Consult local, county, and state highway departments for proposed rights-of-way that are required with the development of a new school.
3. Acquisition of additional rights-of-way may be required to accommodate left turn lanes, tapers, passing blisters, and utility extensions.
4. Presence of an existing legal storm water drain through the site may require replacement or relocation. A legal drain may impact building location on the site.
5. Contact ODOT regional office representative and review ODOT "State Highway Access Management Manual" criteria when improving site adjacent or in close proximity to a state highway.

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A. ENVIRONMENTAL RESTRICTIONS

1. Site location within an existing flood plain or floodway may limit the site development and is subject to approval by the Army Corps of Engineers, Ohio Department of Natural Resources, Ohio Environmental Protection Agency, United States Fish and Wildlife Service, State Historical Preservation Office, and other authorities having jurisdiction.
2. Wetland delineation must be performed if the presence of a wetland is suspected.
3. A designated wetland may prevent site development.
4. Mitigation will be required if a wetland must be disturbed. Replacement ratios will be higher than the wetland being impacted. The most pristine wetlands are considered "unmitigable" -- not allowed to be disturbed or replaced.
5. For erosion control measures, earth-disturbing activities of 5 or more acres during construction will be subject to review and approval by the Division of Surface Water with the Ohio Environmental Protection Agency, Environmental Protection Agency District Office, County Soil and Water Conservation District, or other authorities having jurisdiction.
6. Prior to the purchase of new land for a new school facility or related site improvements, soil borings should be obtained for a soils investigation report to determine suitability.
7. Unusual or potentially expensive site development costs for a new site should be discussed with the School Facilities Commission.

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A. TESTING

1. Prior to the purchase of any site, a Phase I Environmental Assessment should be completed to evaluate the potential for environmental liabilities associated with current and past property use and to assess regulatory compliance.
2. Perform a site investigation and records search of hazardous materials used, stored, or disposed of on the property; proximity to landfills; adjoining property uses; proximity to properties listed on the United States Environmental Protection Agency, Comprehensive Environmental Response, Compensation, and Liability Information System; and Ohio Environmental Protection Agency "Master Sites List."
3. A Phase II Environmental Assessment may be required for areas of the site which indicate the potential for asbestos and other contaminants.
4. Site demolition costs will be increased if underground tanks, landfill, asbestos, or other buried materials are present.

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A. AESTHETIC CONSIDERATION

1. It is preferable to choose a site with mature trees and other natural features compatible and complementary to the proposed building and site development.
2. A predominantly wooded site on which the majority of trees will need to be removed is not favorable.
3. Water features such as lakes, ponds, rivers, and creek frontage, while aesthetic and valuable for the interactive teaching features, could be a potential liability and safety problem.

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A. GENERAL

1. The site design requirements in this section apply to all new school building sites, including Career-Technical.
2. Additional requirements are in the following sections:
 - a. Elementary School Section 3300
 - b. Middle School Section 3400
 - c. High School Section 3500
3. The design requirements are:
 - a. **Pedestrian** circulation
 - b. **Bicycle** circulation
 - c. **Vehicle** access
 - d. **Emergency vehicle** circulation
 - e. Storm drainage
 - f. Sanitary sewerage
 - g. Directional signage
 - h. Physical education
 - i. Playgrounds
 - j. Fencing
 - k. Lighting
 - l. Mechanical/electrical yard
 - m. Landscaping
 - n. Site furnishings
 - o. Exterior security provisions
 - p. Snow storage
4. This chapter, in addition to stating design requirements, indicates items the school district and the Design Professional should 'plan for' for future improvements. Items indicated to be planned for future improvements are not funded by the Ohio School Facilities Commission.

**B. ODOT TRAFFIC
IMPACT STUDY**

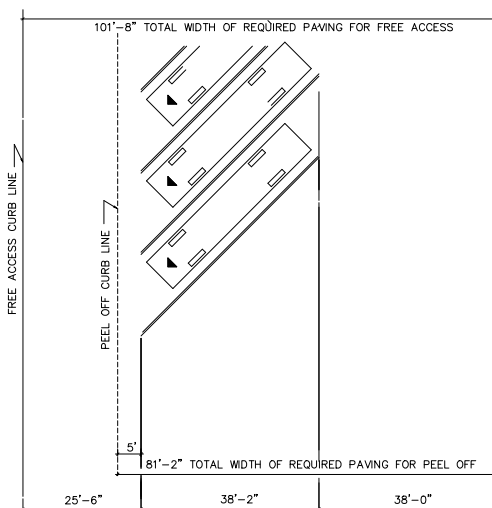
1. ***The school district is encouraged to contact the local Ohio Department of Transportation District office as early as possible in the site selection process. The local ODOT representative can assist in conducting a pre-study to determine the impact of ODOT guidelines and requirements on the selection of appropriate school sites. A list of ODOT district offices is included on page 3000-2.***

B. TRAFFIC IMPACT STUDY [cont'd]

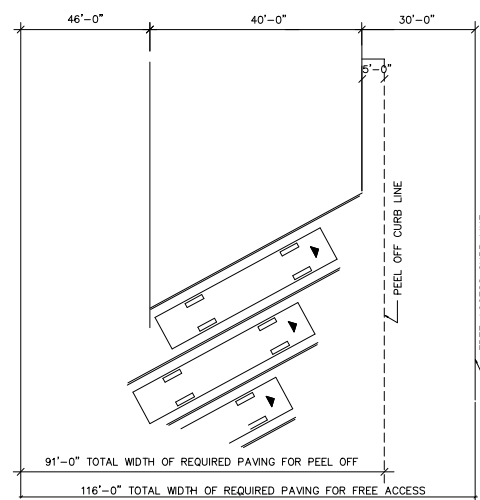
2. ***District should have a traffic impact study (TIS) early in the process and immediately after a site has been chosen in order to determine the serviceability of the adjacent roadway or street system, including all intersections in the area. A traffic engineer, who has been pre-qualified by ODOT to conduct ODOT traffic impact studies, should complete the TIS in accordance with the ODOT Highway Access Management Manual Section 5.6.***
3. ***The TIS should include a signal input warrant analysis; turn lane analysis, an opening day traffic count, and a build-out (20 year) traffic count.***
4. ***The TIS and a conceptual site plan should be submitted to the local authority over the roads or streets upon which the site is located.***

A. BUS LOADING AND UNLOADING

1. Maintain separate car and bus circulation.
2. Buses should not be required to back up.
3. Diagonal bus parking spaces should be 12 feet to 13 feet wide by the length of the bus. Spaces should be aligned at a 45-degree to 60-degree angle to the curb. See Figure A-1 and Figure A-2 for minimum dimensions to the curb for “peel-off” or “free access” departure.
4. Angle diagonal bus parking spaces so the bus exit door will allow children to exit in front of the adjacent bus.
5. Turning radius at the end of the bus lot is to be sized to allow one smooth turn.
6. Locate bus-parking spaces close to a main building classroom entry, **but no closer than 25 feet to building wall.**
7. Provide a curbed sidewalk along the bus drop-off/pick-up lane and in front of the diagonal bus parking spaces.
8. Bus pavement shall be heavy-duty.
9. This paved area can have a “dual-use,” utilized for playground use when the buses are not present. Refer to Chapter 3, Section 3301, Elementary School Site Design; Section 3401, Middle School Site Design; and Section 3501, High School Site Design for special requirements. Refer to Section 3201, Paragraph E, for Special Event Parking.



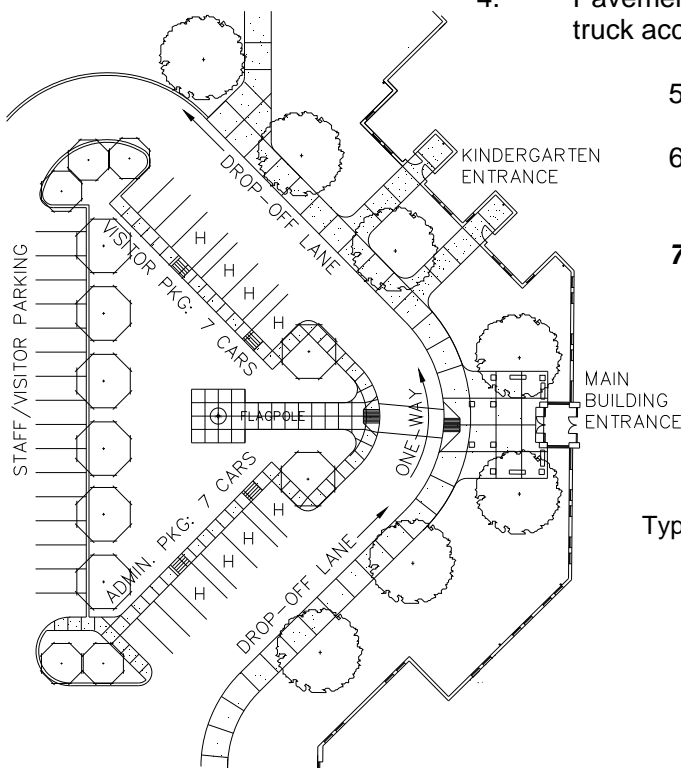
45 Degree Diagonal Bus Parking
Figure A-1



60 Degree Diagonal Bus Parking
Figure A-2

B. VEHICLE DROP-OFF/PICK-UP DRIVE

1. Maintain separation from bus circulation patterns.
2. Maintain one-way traffic.
3. Locate near main building entrance, close to administration office, but no closer than 25 feet to building wall.
4. Pavement is to be standard-duty if there is no bus or delivery truck access on this drive.
5. The drive width is to be a minimum of 24 feet.
6. Refer to specific requirements for Elementary School Site Design, Chapter 3, Section 3301.
7. ***Refer to ADAAG 4.6.6 for accessibility requirements.***



Typical Vehicle Drop-Off/
Pick-up Drive
Figure B-1

C. VISITOR PARKING

1. Locate near main building entrance, close to administration office.
2. Minimum recommended parking space is 9-feet wide by 19-feet long.
3. Accessible Parking Spaces: Refer to Chapter 3, Section 3201, Paragraph G.
4. Check local building code for recommended number of parking spaces and dimensions that may override this standard.
5. Refer to Chapter 3, Section 3301, Elementary School Site Design; Section 3401, Middle School Site Design; and Section 3501, High School Site Design.

D. STAFF PARKING

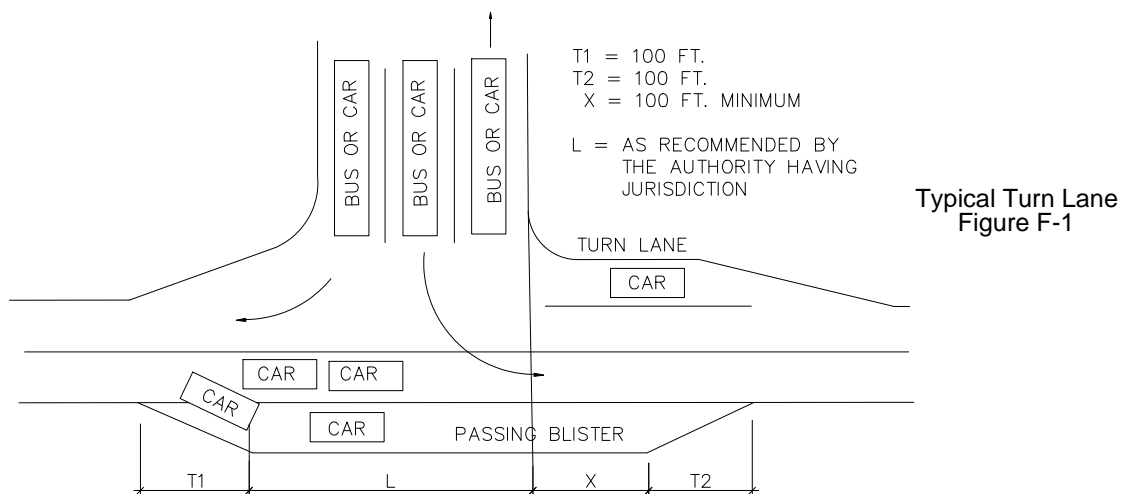
1. *Provide parking spaces for Teachers, Ancillary Staff, Administration, Custodial / Maintenance and Food Service Personnel as shown in section 3101, E, PARKING. Refer to the notes included in section 3101, E, PARKING for more information.*
2. *Locate staff parking near other parking and adjacent to building access for economy of pavement design where possible. Staff parking can be located to one side of the bus parking lot in the area not required for bus traffic.*
3. Parking space dimensions are a minimum of 9 feet by 19 feet with 24-foot wide aisles.
4. Refer to Chapter 3, Section 3201, Paragraph G, for Accessible Parking Spaces.

E. SPECIAL EVENT PARKING

1. Over-stripe bus parking lot with car parking spaces for use in after school hours Special Event Parking.
2. Striping for car parking shall be 4-inch wide, white lines.
3. Striping for bus parking shall be 4-inch wide, yellow lines.
4. Striping for handicap shall be 4-inch wide, blue lines.

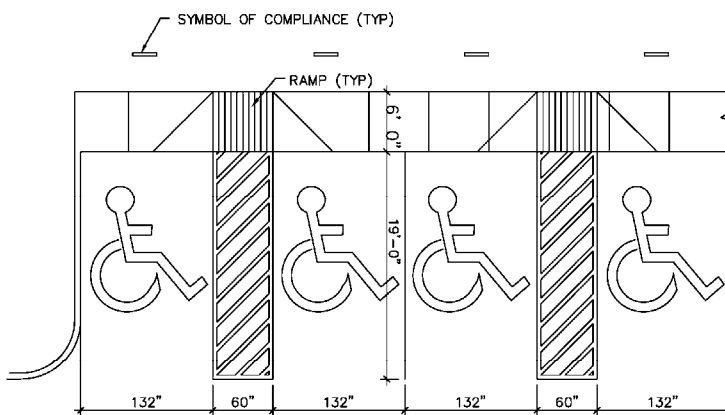
F. DRIVEWAY ENTRANCE

1. Design passing blisters with extended turn lanes.
2. Provide left turn lanes and taper lanes as directed by the authority having jurisdiction. See Figure F-1.
3. Provide 2 outgoing lanes and 1 incoming lane for bus exit drive. The minimum width is 30 feet.

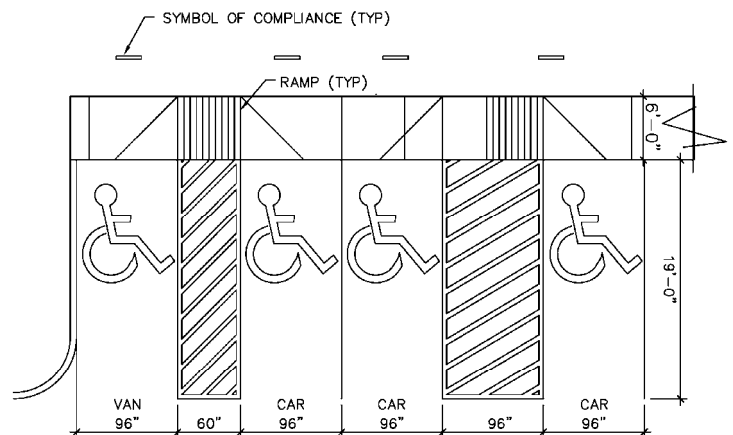


G. ACCESSIBLE PARKING SPACES

1. Comply with the authorities having jurisdiction. Codes may exceed or override the minimum recommendations. Comply with the Americans with Disabilities Act guidelines.
2. ***The number of parking spaces required to be accessible shall be calculated separately for each parking facility, according to Table 1106.1 of the Ohio Building Code.***
3. Locate parking space on shortest accessible route of travel to an accessible building entrance.
4. Accessible pedestrian routes should not cross drives or vehicular parking areas, where possible. If necessary, provide crosswalk painted on pavement and signs to designate pedestrian rights-of-way.
5. Provide universal parking space for all accessible spaces as shown in Figure G-1 or provide typical car parking spaces to be 96 inches with 60-inch wide aisle and van parking spaces to be 96 inches with 96-inch wide aisle as shown in Figure G-2.
6. Provide 1 van parking space for every 8 accessible spaces if universal space is not used.
7. Two adjacent parking spaces may share common access aisle.
8. Provide sign with international symbol at each accessible parking space. Refer to Chapter 3, Section 3207, for signage requirements of typical parking, van parking, and universal parking spaces.



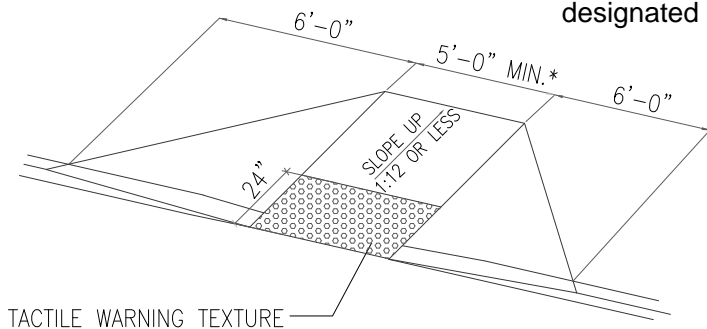
ADA: Universal Parking Space
Figure G-1



ADA: Typical Car/Van Parking Space
Figure G-2

G. ACCESSIBLE PARKING SPACES (cont.)

9. Provide curb ramps along accessible route. Ramp is to be a minimum of 5-foot wide with a maximum 1:12 slope, and a maximum 6-inch rise. Flared ramp sides shall not exceed 1:10. If the distance to the back of the ramp is less than 4 feet, sides shall not exceed a 1:12 slope. See Figure G-3.
10. The accessible route is not to exceed a 1:20 slope.
11. Ramp surface is to have medium broom finish, and include detectable warning surface per ADAAG, if not otherwise designated by local codes.



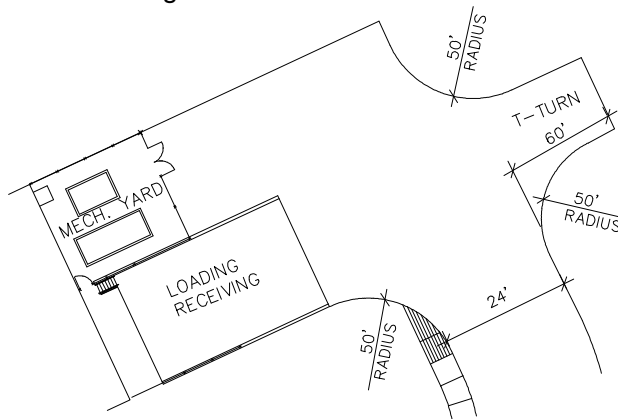
NOTE: Install tactile warning texture at the top of all exterior steps and ramped walks that exceed 1:20 slope, in a band 3'-0" deep x width of walk

Typical Curb Ramp
Figure G-3

H. TRASH PICK-UP AND SERVICE DRIVE

1. Pavement is to be heavy-duty with a concrete pad area for dumpster approach of truck front or rear axle to reinforce area subject to loading when dumpster is lifted.
2. Locate adjacent to bus parking for economy of pavement design, where possible.
3. Provide T-turn with 50-foot radius for maneuvering of large trucks. See Figure H-1.
4. Trash dumpster shall not be located within 25 feet of any wall of the building.

T-turn at End of Service Drive
Figure H-1



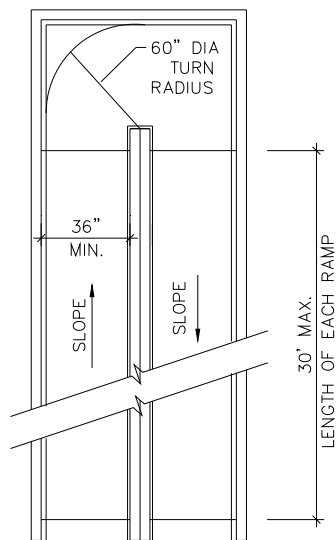
I. PERIMETER CURBS

1. Provide 6-inch high curb to separate car and pedestrian circulation routes.
2. Locate curbs as required to direct flow of storm water toward storm sewer inlets.
3. Provide curb at planted islands.
4. Provide curbs along drives adjacent to storm detention ponds or other abrupt slopes adjacent to drive.
5. Provide wheel stops where parking is perpendicular to edge of pavement and curbs are not used. Do not use wheel stops in front of curbs.
6. Straight curb or curb and gutter may be used.

A. PEDESTRIAN CIRCULATION

1. ***Sidewalks provide a connection to the surrounding community and should be coordinated with existing walks and if applicable future development.***
2. Provide sidewalks from the building to public sidewalks if public sidewalks serve the school site. This is a minor connecting walk.
3. Sidewalks should be provided from all site access points (i.e. student drop-off) to the school building.
4. Ohio Department of Transportation delineates surface sidewalks by its use. For example, a sidewalk would be used by pedestrians only. If the surface is designed to be used by pedestrians and bicyclists, it would be considered a path. Paths are typically secondary circulation and used for Par Courses, nature walks, and play area access.
5. Provide sidewalks a minimum of 8-foot wide and a maximum of 12-foot wide from major drop-off drives to major entrances. Refer to Chapter 3, Section 3203, Paragraph A, Emergency Vehicle Circulation, for additional requirements.
6. Minor connecting sidewalks are to be a minimum of 6-foot wide.
7. Major connecting sidewalks at building entrance and along bus loading and unloading area are to be a minimum of 8-foot wide.
8. Sidewalks are to be reinforced concrete, a minimum of 4-inches thick, with light broom finish.
9. Sidewalk slope is to be a minimum of 100:1 (1%) and a maximum of 20:1 (5%). If walk exceeds 20:1, it shall be designed as a ramp. The slope of a ramp is between 5% and 8.33%.
10. Paths should be a minimum of 6-feet wide and may be constructed of concrete or asphalt.

B. RAMPS

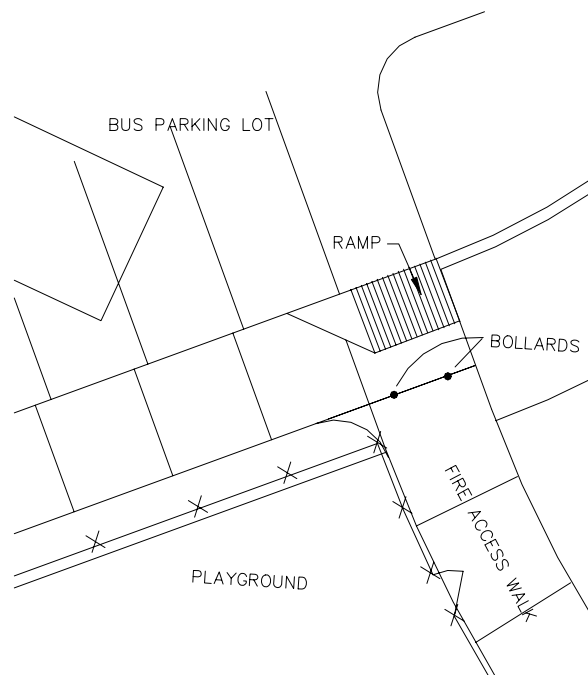


Typical Ramp with Landing
Figure B-1

1. Verify with authorities having jurisdiction that may exceed or override these minimum recommendations.
2. The maximum slope is 12:1 (8.33%) with a maximum 30-inch rise per ramp segment.
3. The minimum width is 36 inches. There shall be a 36-inch clearance between handrails.
4. At the top and bottom of each ramp segment, there is to be a landing at least as wide as the ramp section leading to it. Landing length is a minimum of 60 inches clear. If the direction of the ramp changes, provide a 60-inch diameter wheelchair turning radius. See Figure B-1.
5. Handrails are to be 1 1/4 inches in diameter, and a minimum of 34 inches to a maximum of 38 inches above the ramp surface. Provide handrails on both sides of ramp and extend the handrails a minimum of 12 inches beyond the top and bottom of each ramp segment. Handrails are to be parallel to the ramp surface.
6. The ramp surface is to be nonslip.

A. EMERGENCY VEHICLE CIRCULATION

1. Walks or paths are to accommodate emergency vehicles around the perimeter of the building where vehicular drives are not present.
2. Review emergency vehicle circulation and construction with authorities having jurisdiction.
3. Provide removable or hinged bollards at the end of the emergency access path where it meets vehicular drives to prevent use of path by other than emergency vehicles. Space bollards to be a minimum of 5 foot on center. See Figure A-1.



Typical Location for Bollards at End
of Emergency Access Path
Figure A-1

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A. BICYCLE CIRCULATION

1. Provide future bicycle parking where there is the potential for safe bicycle access to the site by way of designated routes.
2. Locate bicycle parking adjacent to a pedestrian walk near a building entry, but away from a main **parent/bus drop-off**.
3. Provide **an adequate pad for** future racks or loops for bicycles to be secured with a lock.
4. Provide curb ramps along the bicycle route. Refer to Chapter 3, Section 3201, Figure G-3.
5. Maintain highest/maximum separation from pedestrian and vehicular routes.
6. If a bicycle route is to be adjacent to a vehicular route, pavement is to be striped pavement. Plan for signage to designate the bicycle lane.
7. Minimum width of 8 feet is required for a bicycle route.
8. Reference AASHTO guidelines when designing bikeways integral to regional transportation systems.
9. Consider the USGBC LEED for Schools Reference Guide for guidelines regarding accommodation of bicycles as alternative transportation.

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A. STORM SEWER SYSTEM

1. Create positive drainage away from the building. Visibly slope grade within 10 feet of building foundation.
2. Slope the site grades to allow natural drainage of storm water toward inlets and detention area.
3. Collect storm water in a series of inlets or swales to be detained on site.
4. Connect the building site storm drainage system by means of downspouts or roof drains to the building storm drainage system.
5. All storm piping shall be designed using the 10-year return period and intensity-duration curves consistent with the region.
6. All castings shall be heavy-duty for both paved and lawn areas. No “beehive” or “dome” castings are to be used.
7. All manholes shall be lettered “storm.”
8. All storm piping and culverts shall have a smooth interior. All pipe with a diameter greater than 24 inches shall be concrete, aluminized steel, or HDPE. For pipes 24 inch and smaller, see page **9133-5, Section 334000**.
9. All storm pipe jointing shall be water and silt tight.
10. Runoff from adjoining properties must be verified and the storm sewer system shall be designed to accommodate the runoff.
11. All castings are to comply with the Americans with Disabilities Act guidelines and be bicycle safe.

B. DISCHARGE REQUIREMENTS

1. All discharge rates shall meet the requirements of the authorities having jurisdiction over release rates.
2. Regardless of the authority having jurisdiction over release rates, the downstream capacity of the storm sewer, legal drain, or approved outlet must be verified by the Site Design Professional, and downstream capacity must not be exceeded.

C. DETENTION POND DESIGN

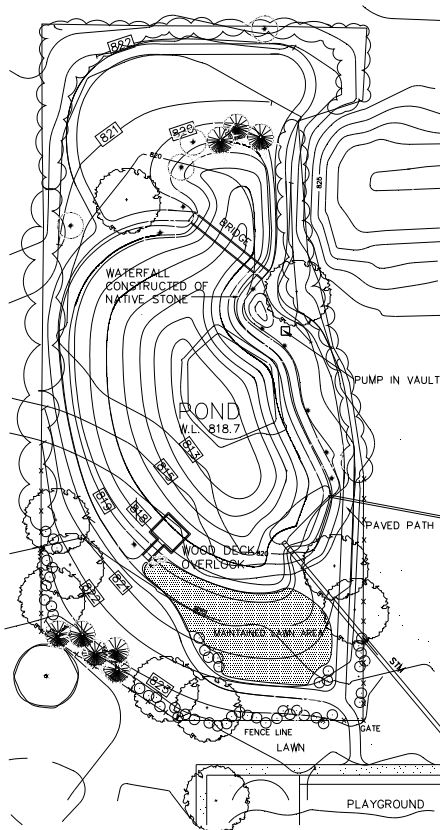
Detention ponds are to be designed to prevent storm water from flowing off the site at a rate greater than permitted by the authorities having jurisdiction. Detention ponds are normally dry except after rainfalls.

1. Side slopes shall not exceed 4:1 and may be increased to 2:1 in the immediate vicinity of headwalls or other discharge control devices.
2. Headwalls shall be graded and conform to the side slopes of the pond.
3. All detention ponds which serve an area greater than 15 acres shall be designed using an appropriate hydrograph method. The inflow hydrograph shall be routed through the pond using standard engineering methods to obtain the discharge hydrograph.
4. Provide riprap or other erosion control measures at inlet and outlet of pond.

D. STORM RETENTION POND

Retention ponds serve the same function as detention ponds (see Section 3205) and normally retain a level of water.

1. If it is desired as part of the educational program, the pond can be designed to retain water 3-foot to 8-foot deep and used as a "Nature Area." See Figure D-1.
2. The fringe edge of the pond will accommodate the fluctuating water level with each storm event. If the pond is designed to retain water, provide fencing to surround pond.
3. Plan for future "Nature Area," if a part of educational program, with paved walkways, wood deck overlooks, bridges, or other access to pond. Plan for future waterfall, fountain, or other means of keeping water aerated.
4. If the soil type is not conducive to retaining water, a pond liner may be required.



Storm Retention Pond
Figure D-1

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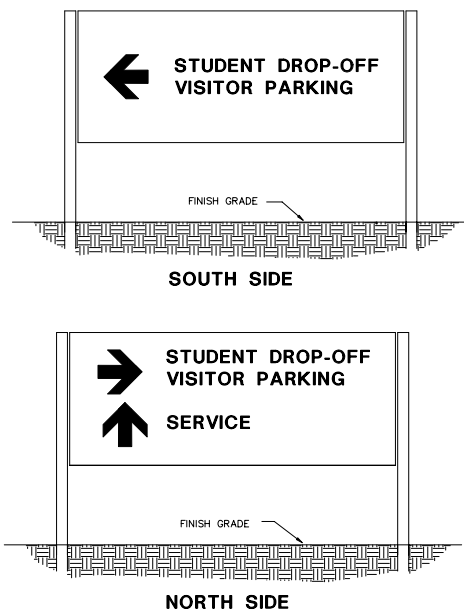
A. SANITARY SEWERAGE

1. Provide sanitary sewerage disposal for the facility.
2. The method for the treatment of sanitary sewerage on site shall be approved by the Ohio Environmental Protection Agency and the local health department.
3. The disposal of sanitary sewerage to the local utility shall be approved by the local authority having jurisdiction.
4. Appropriate methods for the disposal or treatment of sanitary sewerage consists of conventional gravity sewer, force main, septic with leach field system, or sand filter and on-site treatment plants.
5. ***Evaluate the ability to capture, filter, and reuse grey water.***

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A. BUILDING IDENTIFICATION SIGN

1. Provide sign on building face if it is visible from the road, or provide independent sign near entry drive or center sign between entrance drives.
2. Sign should be readable from an appropriate distance along the major access road to the site, but should not block view of cars entering or exiting site.
3. Verify with authorities having jurisdiction over signage for any limitations or requirements that may override these design parameters.

B. DIRECTIONAL SIGNAGE

1. Provide adequate signage to direct separation of bus loading and unloading areas, staff parking, visitor parking, and vehicle drop-off/pick-up drive.
2. Signage shall provide direction to delivery trucks and other service vehicles.
3. Graphics are to be reflective white on a contrasting background.
4. The design shall be post and panel, low profile.
5. The minimum letter height is 3 inches.
6. Verify with authorities having jurisdiction over signage for any limitations or requirements that may override these design parameters.
7. ***Use materials with a high recycled content.***

Example of Directional Signage
Figure B-1

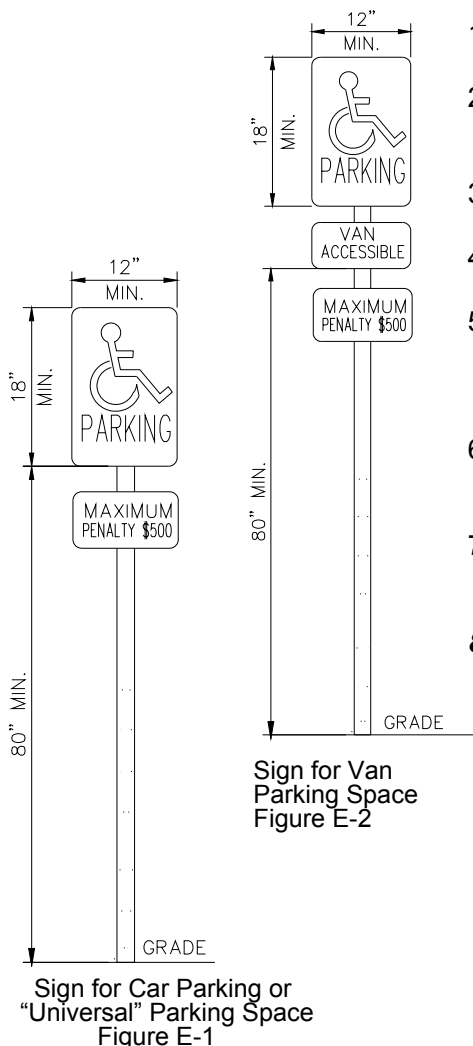
C. TRAFFIC REGULATORY SIGNAGE

1. Provide "Stop," "Yield," "No Parking," "One-Way," "Do Not Enter," or other signs as necessary to maintain a fluid traffic stream.
2. Signs, and the installation of signs, are to meet the requirements of the authority having jurisdiction.

D. SIGN PLACEMENT

1. All signs placed at all intersections should be checked using appropriate sight distance requirements in accordance with the American Association of State Highway and Transportation Officials Design Guide.

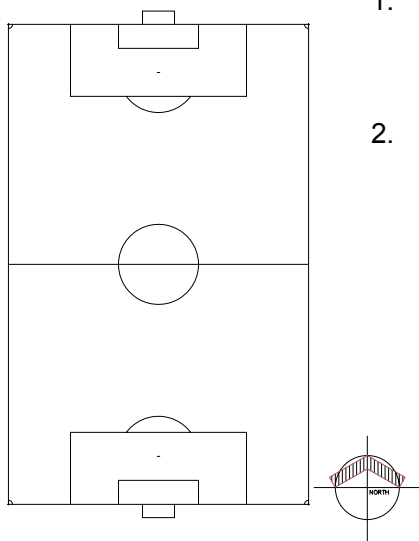
E. ACCESSIBLE PARKING SIGNS



1. Provide 1 sign for each accessible parking space.
2. Mount signs on posts and locate out of accessible route of travel, centered on each parking space.
3. The minimum height of signs is 80 inches above grade.
4. The minimum sign size is 12 inches wide by 18 inches high.
5. If the universal parking space design is not used, an additional sign will be required at each van accessible space to read "Van Accessible." See Figure E-1 and Figure E-2.
6. All signage and pavement markings should be in accordance with the *Manual of Uniform Traffic Control Devices*.
7. 6" x 12", 18 gauge steel sign with lettering "Maximum Penalty \$500".
8. ***Use materials with a high recycled content.***

A. DIMENSIONS AND NUMBERS OF PHYSICAL EDUCATION FIELDS

1. Refer to specific requirements in Chapter 3, Section 3302, Elementary School Site Design; Section 3402, Middle School Site Design; and Section 3502, High School Site Design.
2. Provide necessary grading and seeding for physical education fields only. All other improvements such as bleacher/grandstand seating, fencing, etc., are for reference and planning purposes only.
3. The import of fill material for the purpose of constructing athletic and physical education fields is not funded by the Ohio School Facilities Commission.

B. PHYSICAL EDUCATION FIELD ORIENTATION

Typical Orientation:
Soccer Field
Figure B-1

1. Football, soccer, basketball, and tennis orientation should be north-south along the long axis of the field/court. See Figure B-1.
2. To determine orientation for baseball and softball fields, strike a line from home plate to second base. This line is to run east-northeast. An optional orientation, but less desirable, is north-south with batter facing north.

C. FUTURE WATER AND RESTROOM FACILITIES

1. Plan for future drinking water and restrooms for outdoor physical education facilities that are remote from the school building.

D. BLEACHER/GRANDSTAND SEATING

1. Plan space for bleacher/grandstand seating adjacent to physical education facilities.
2. Design of bleacher/grandstand should be certified by an Engineer.
3. Comply with authorities having jurisdiction for code requirements including percentage of elevated seats, aisle width, permissible travel distance to an aisle, number of aisles required, rise:run ratio, enclosed spaces between footboards and seats, guardrail and handrail design, and step and ramp design.
4. Locate bleachers/grandstand so sight lines are not obstructed by dugouts, player bench seating, or light poles.

A. PLAYGROUND DESIGN

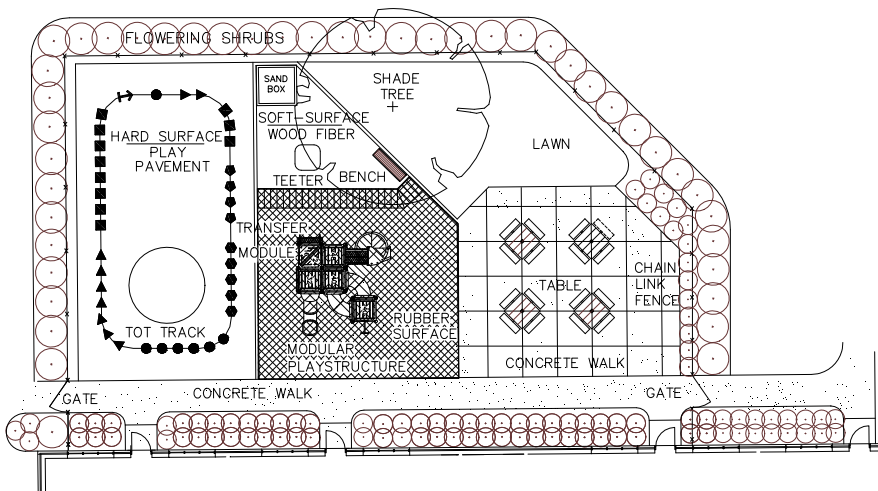
1. Refer to specific requirements in Chapter 3, Section 3303, Elementary School Site Design; and Section 3403, Middle School Site Design.
2. Promote permeable surfaces.
3. Specify play surface and equipment with high recycled content materials.
4. Promote the trend toward more natural, less structured play environments *such as par courses, etc.*

B. PLAY EQUIPMENT

1. Play equipment to be in compliance with "ASTM F 1487-95 or most current version of the Standard Consumer Safety Performance Specification for Playground Equipment for Public Use" and the current guidelines for public play equipment by the United States Consumer Product Safety Commission.
2. The design of play equipment shall comply with Americans with Disabilities Act guidelines.
3. Play equipment located in hard and soft surface areas are funded by the Ohio School Facilities Commission.

C. SURFACING FOR PLAY AREAS

1. Provide hard surface and soft surface play areas. See Figure C-1.
2. Provide for games or educational features painted on hard surfaces. A hard surface is light-duty asphalt pavement.



Typical Play Area with Hard and Soft Surface
Figure C-1

C. SURFACING FOR PLAY AREAS (cont.)

3. Provide a firm, stable, slip-resistant, and resilient soft surface under and around play equipment. Depth and type of soft surfaces shall comply with ASTM F 1292-99 or most current version of Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.”
4. Provide an accessible route of travel through soft-surface play area, a minimum of 5-foot wide, with a maximum **20:1 (5%)** slope. Choice of surfacing and minimum areas of surfacing required shall comply with Americans with Disabilities Act guidelines.

D. LOCATION OF PLAY AREAS

1. Locate near exit from classrooms for each age group and centrally locate close to student dining.
2. ***Provide proper separation between hard surface play areas and building walls.***
3. Provide noise buffer between classroom windows and playground.
4. Do not obscure view into play areas. Design the play areas to promote careful supervision and quick emergency response.

A. GENERAL

1. Locate fence in curb in high maintenance areas.
2. Top and bottom of fencing selvage shall be knuckled.

B. SITE PERIMETER FENCE

1. Provide fencing at the portion of the site where adjacent to open water, busy street, railroad tracks, and where other safety hazards occur.

C. FENCE INTERIOR TO THE SITE

1. Provide fence to enclose mechanical yards, equipment, trash/service areas, and where other safety hazards occur.
2. Provide fencing around agriculture education area for security. Paved area to be heavy-duty concrete.
3. Provide fencing around lab areas involving work on or with vehicles, equipment, or animals for security and safety.

D. PLAYGROUND FENCING

1. Provide fencing around playground perimeter where there is a potential for children to run out into parking areas, adjacent streets, and/or other hazardous conditions.
2. Provide a minimum of 4-foot high fencing for pre-kindergarten and grade 1 play areas.
3. Provide fencing around perimeter of basketball courts for ball control.

E. PHYSICAL EDUCATION FIELDS

1. Plan for perimeter fencing of tennis courts, track, and baseball/softball fields as described in Chapter 3, Section 3402, Middle School Site Design; and Section 3502, High School Site Design.
2. Plan for 8-foot high fencing around perimeter of physical education fields if there is an admission fee charged for viewing events.

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A. SECURITY LIGHTING

1. Lighting for main building entrances and other entry/exit doors shall comply with the allowable lighting power densities listed in the applicable International Energy Conservation Code (IECC) with references to ASHRAE 90.1. When attempting compliance with LEED Sustainable Sites – Light Pollution Reduction – the allowable power densities shall be reduced by 20 percent.
2. Light fixtures shall be wall-mounted, high-intensity discharge type or compact fluorescent located directly over doors or high-intensity discharge type recessed in overhangs or soffits located directly over doors. Fixtures shall be designed for exterior use and can be LED-type light fixtures. Wall-mounted fixtures shall be vandal resistant.

B. DRIVES & PARKING AREAS

1. Provide an illumination level of 0.5 footcandles at entrance/exit drives.
2. Provide an illumination level of 1.0 footcandles within parking areas and bus drop-off/pick-up areas.
3. Lighting shall be high-intensity discharge or LED-type located on poles with a concrete base **or direct-embedment foundation. All bases and foundations shall be designed by the project engineer.** Pole height shall be a maximum of 39 feet.
4. Lighting fixtures should be full lateral cut off type to eliminate up lighting from the site.
5. Consider packaged site lighting using photovoltaics.
6. Lighting shall be in conformance with ASHRAE 90.1.

C. CIRCULATION & PEDESTRIAN AREAS

1. Provide an illumination level of 0.5 footcandles at pedestrian routes from parking areas and bus drop-off/pick-up areas to building entrances.
2. Lighting of pedestrian routes shall be of high-intensity discharge or LED-type. Fixture shall be bollard type or pole-mounted type.
3. Lighting shall be in conformance with ASHRAE 90.1.

D. BUILDING IDENTIFICATION

1. Provide an illumination level of 10 footcandles to building identification signage located on the building or to identification sign located on site.
2. Lighting shall be of high-intensity discharge type.

E. CONTROLS

1. The Site Design Professional shall have discussions with the school district to determine light fixture controls for building areas, security lighting, and parking areas.
2. Lighting shall be controlled by photo-sensor, astronomical time clock, or temperature control system.

A. SURFACE

1. Provide 3-inch deep stone over woven geotextile and underdrain tubing between equipment pads in mechanical/electrical yard areas.

B. PERIMETER

1. Provide curb or edging separation between stone and adjacent lawn or pavement areas.
2. Provide fence around perimeter of mechanical/electrical yards.

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A. LAWN

1. Seed or sod all disturbed areas of the site.
2. Do not exceed 3:1 slope on lawn areas where mowing is required.
3. Sod may be utilized in close proximity to primary building entrance and in flow line of storm drainage swales.
4. A fiber mulch seeding and mulching operation may be used when necessary to establish a quick catch for erosion prevention or sediment control.
5. Minimize seeded areas in favor of more robust natural landscape.

B. EROSION CONTROL

1. On slopes greater than 3:1 provide slope controlled vegetation per ODOT standards to retard erosion.
2. Prior to seeding, provide erosion control fabric in disturbed areas where slope is 4:1 or greater.

C. SHADE

1. Provide **trees for shading** of parking lots, and playground areas.

D. WIND AND VISUAL SCREEN

1. Provide evergreen trees and shrubs as a wind screen for building and site development.
2. Provide visual screen of service areas and adjacent properties that may be incompatible with school use.

E. MAIN BUILDING ENTRIES

1. Provide low maintenance shrubs and flowering trees to emphasize main building entries.

F. LANDSCAPE

1. Landscape for energy conservation, edible plants, and local wildlife.
2. ***Consider using the “Crime Prevention Thru Environmental Design” (CPTED) guidelines when developing the design of the landscape.***

G. OUTDOOR LEARNING AREAS

1. Consider incorporating natural habitats, wetlands, and areas of specific vegetation as outdoor learning areas for student instruction. For example, garden plots could be used for classroom instruction or by the community areas.

H. EXTERIOR BUILDING PERIMETER

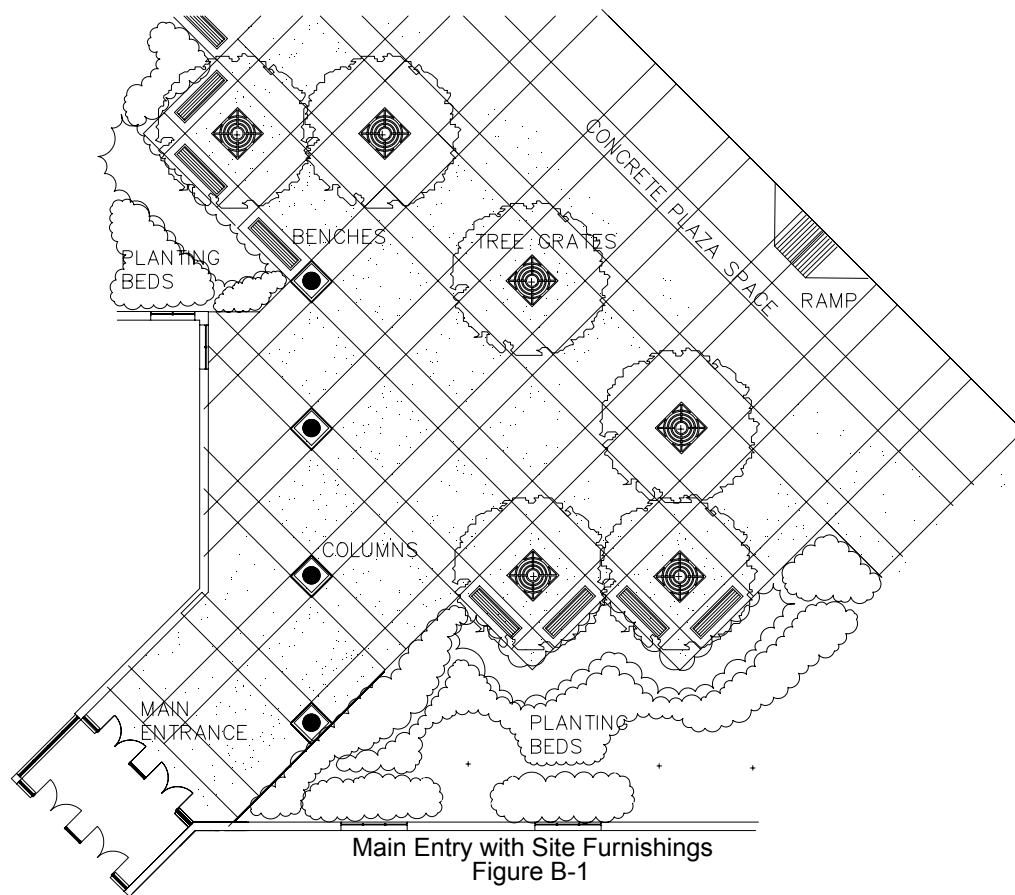
1. *Use caution in specifying materials that could be used as projectiles around perimeter of building, at special feature areas, or unprotected utility areas.*

A. TREE GRATES

1. Provide tree grates where trees will be planted within pedestrian routes. Openings in grates should meet Americans with Disabilities Act guidelines. See Figure B-1.

B. FURNISHINGS (See Figure B-1)

1. Provide fixed benches and enclosed trash receptacles along walks to main building entrances.
2. Provide fixed tables, benches, and enclosed trash receptacles in playground areas.
3. ***Consider furnishings from materials with high recycled content.***



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A. EXTERIOR PROTECTION

1. *Consider providing an exterior perimeter defense system consisting of site fencing, surveillance cameras, and an exterior door access control system.*

B. FENCING

1. Consider providing 8' high chain link fence around selected portions of the site with gates to control main vehicular and pedestrian arteries.

C. EXTERIOR DOORS

1. Consider a minimum number of exterior doors to be equipped with access control devices. The system would be on a programmed schedule that automatically unlocks and locks the doors at prearranged times. Refer to Chapter 8.

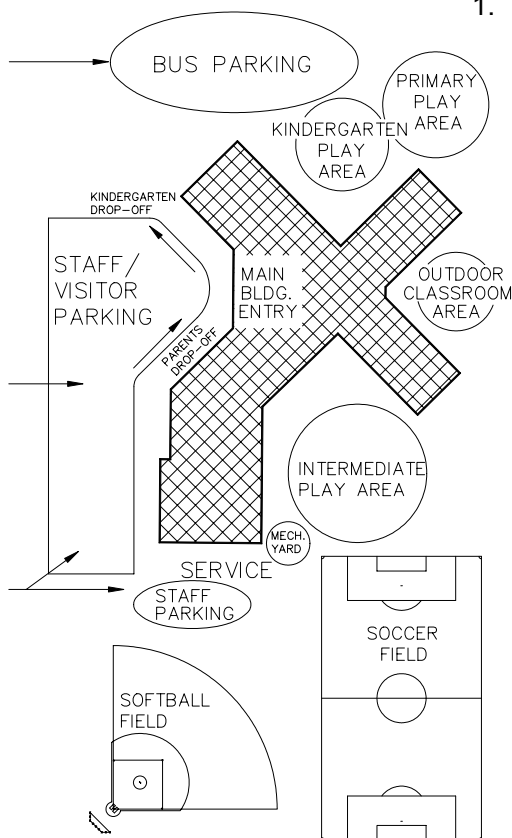
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A. BUS LOADING AND UNLOADING

1. “Dual-use” of the bus parking lot for playground pavement and special event parking is possible when buses are not present.
2. Minimize painted games and lines on vehicular pavement areas. Use different color lines for game striping than used for vehicular parking striping.
3. Provide gate(s) at parking lot entrance to prevent use of the lot by vehicles when used for a playground.
4. ***Locate all drop offs and parking so that idling vehicles are not a source of interior air pollution.***

B. VEHICLE DROP-OFF/PICK-UP DRIVE

1. Locate drop-off/pick-up drive close to kindergarten and pre-kindergarten classrooms. See Figure B-1.



Site Design: Elementary School
Figure B-1

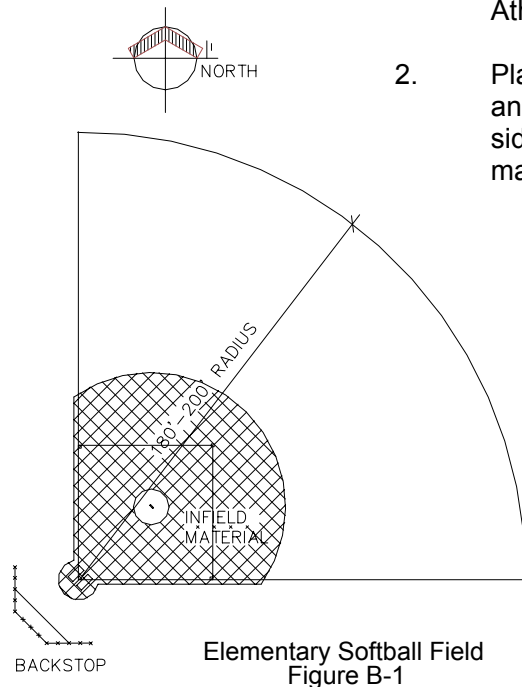
C. STAFF AND VISITOR PARKING

1. Refer to page 3101-4 for minimum parking space requirements.

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A. PHYSICAL EDUCATION FIELDS

1. Provide grading only for 1 softball field and 1 multipurpose field where import of fill material is not required.
2. Provide grading of fields with a 1 percent to 1 1/2 percent slope.
3. Softball field radius shall be 180 feet to 200 feet. See Figure B-1.
4. The multipurpose field size shall be 195 feet wide and 360 feet long.

B. SOFTBALL FIELD

1. Plan for infield area in compliance with the Ohio High School Athletic Association guidelines. See Figure B-1.
2. Plan for a backstop having a 17-foot 6-inch overhang height; and a 10-foot high by 20-foot wide back panel with 10-foot wide side panels. Locate backstop a minimum of 25 feet and a maximum of 30 feet behind home plate.

C. MULTIPURPOSE FIELD

1. Grading is to crown at center of field and slope to sidelines.
2. Plan for future under drains and irrigation.

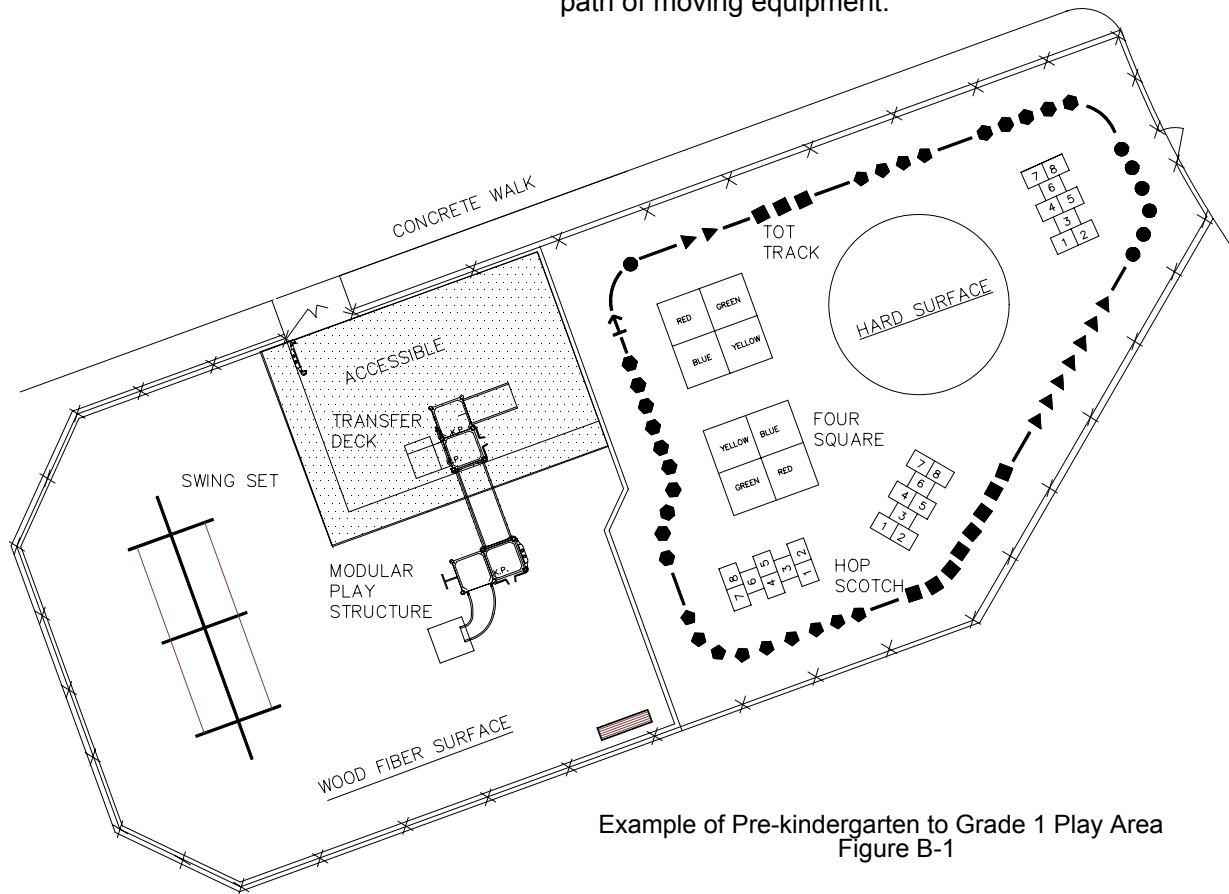
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A. AREA REQUIRED

1. Provide 50-75 square feet of play area per student. This area includes both hard surfaces and soft surfaces.

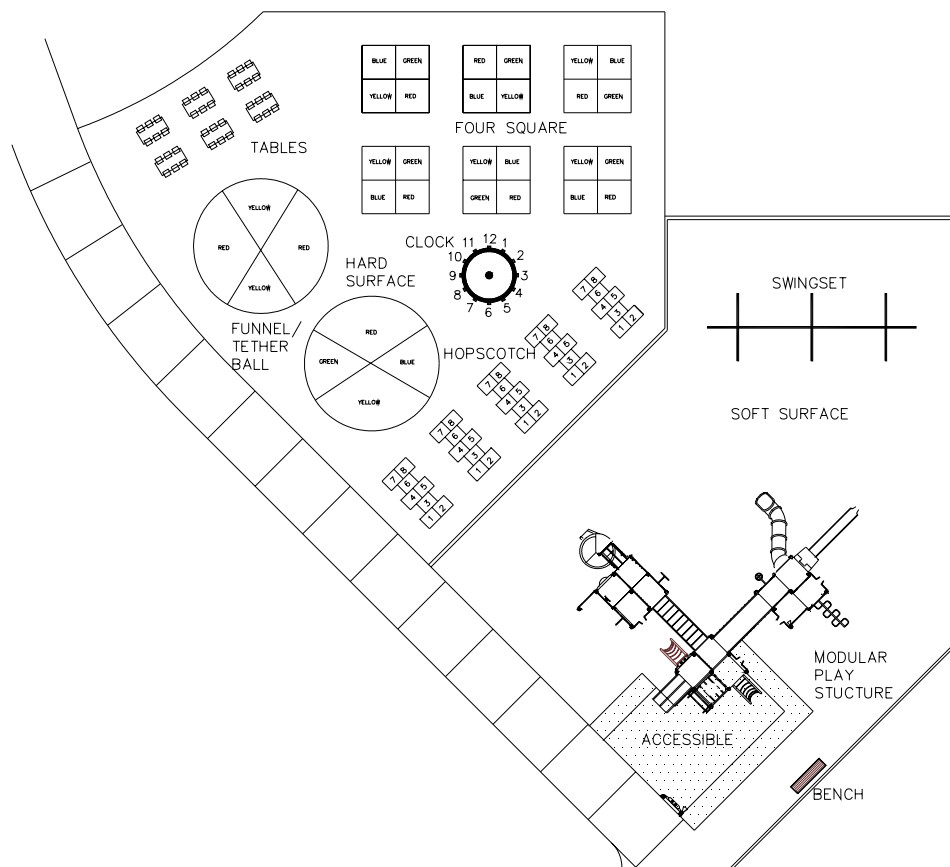
B. SEPARATION OF PLAY AREAS

1. Provide playground areas to allow for difference in age, ability, and varying interests.
2. Follow applicable safety guidelines for different age groups.
3. Pre-kindergarten to grade 1 play area. See Figure B-1.
 - a. Provide play activities that include rocking, swinging, balancing, climbing, and sliding.
 - b. Locate equipment with moving parts, such as swings, at the perimeter of the play area. Use fence or planting beds to prevent children from inadvertently stepping into path of moving equipment.



B. SEPARATION OF PLAY AREAS (cont.)

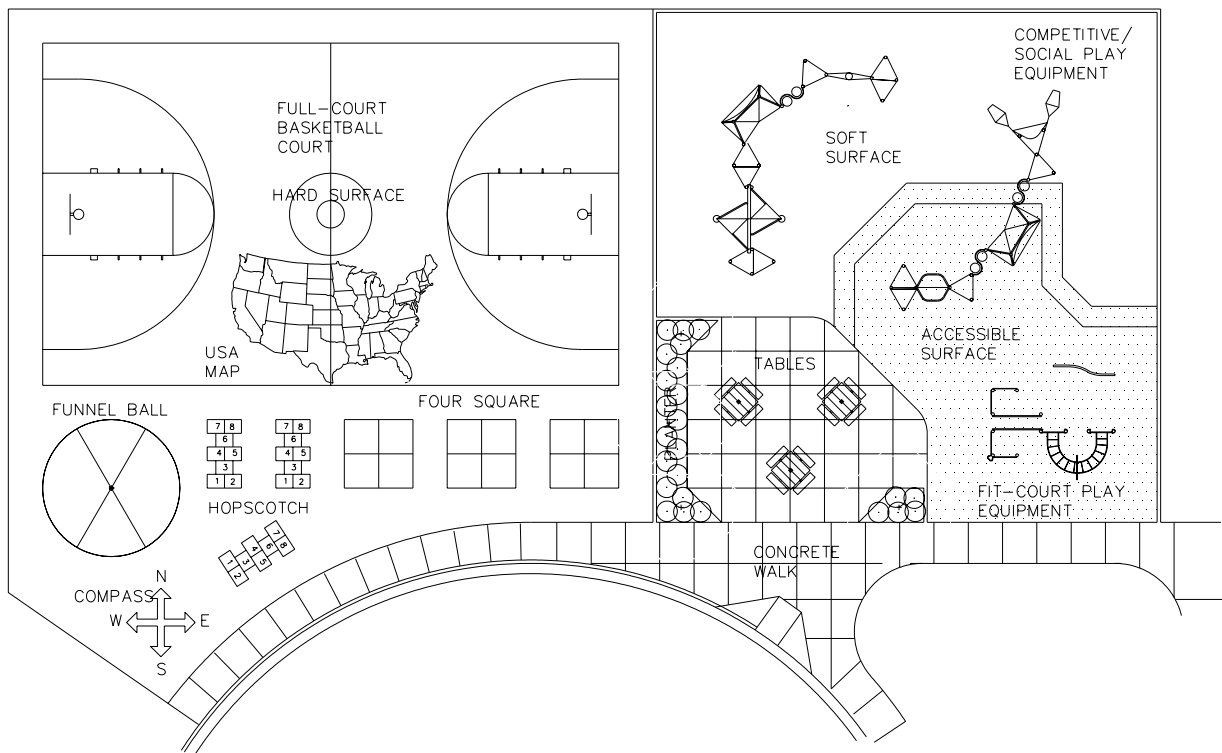
4. Primary Play Area (See Figure B-2)
 - a. Design for grades 1 through 3.
 - b. Provide play activities that include rocking, swinging, balancing, climbing, and sliding.
 - c. Provide upper-body strengthening devices such as a parallel bar and overhead ladder play equipment.
 - d. Provide half-court basketball and dropshot/funnel ball.
 - e. Provide a grouping of tables and benches for use as an outdoor classroom setting.



Example of Primary Play Area
Figure B-2

B. SEPARATION OF PLAY AREAS (cont.)

5. Intermediate Play Area (See Figure B-3)
 - a. Design for grades 4 and 5.
 - b. Intermediate play area may be combined with primary play area.
 - c. Provide fitness structures and competitive equipment.
 - d. Provide 1 or 2 full basketball courts (50 feet by 84 feet) or 2 half courts (50 feet by 42 feet).
 - e. Provide for groupings of benches and tables for social or passive play. This area can also serve as an outdoor classroom.



Example of Intermediate Play Area
Figure B-3

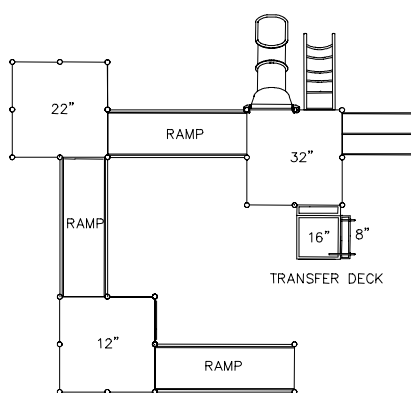
C. HARD SURFACE PLAY AREA

1. Provide paved area for full- or half-court basketball. Locate on bus pavement where possible.
2. Painted games could include four square, hopscotch, tetherball, kickball, dodgeball, games played in a large circle, a tot track with sequenced shapes or perimeter line for running relays or laps.
3. Educational features could include a USA or world map, counting line, compass, and clock.

D. SOFT SURFACE PLAY AREA

1. Surfacing is to be a nonsplintering surface where children may be crawling. Avoid using black surfacing.
2. Provide edging to keep loose fill soft surface within bounds of the play area. Depress loose fill soft surface material below edging. Provide under drain system and geotextile below loose fill soft surface.
3. Increase the depth of soft surface material in areas of high use such as the base of swings and slides.
4. Provide play structures.

E. ACCESSIBILITY STANDARDS



1. Provide ramps and/or transfer points on composite play structures for access to play components on elevated decks. Meet the Americans with Disabilities Act guidelines for percentage of components that are to be accessible by ramp and by transfer deck. See Figure E-1.
2. Provide table and benches along accessible route.
3. Provide future upper-body strengthening devices as appropriate for age group and amount of supervision.

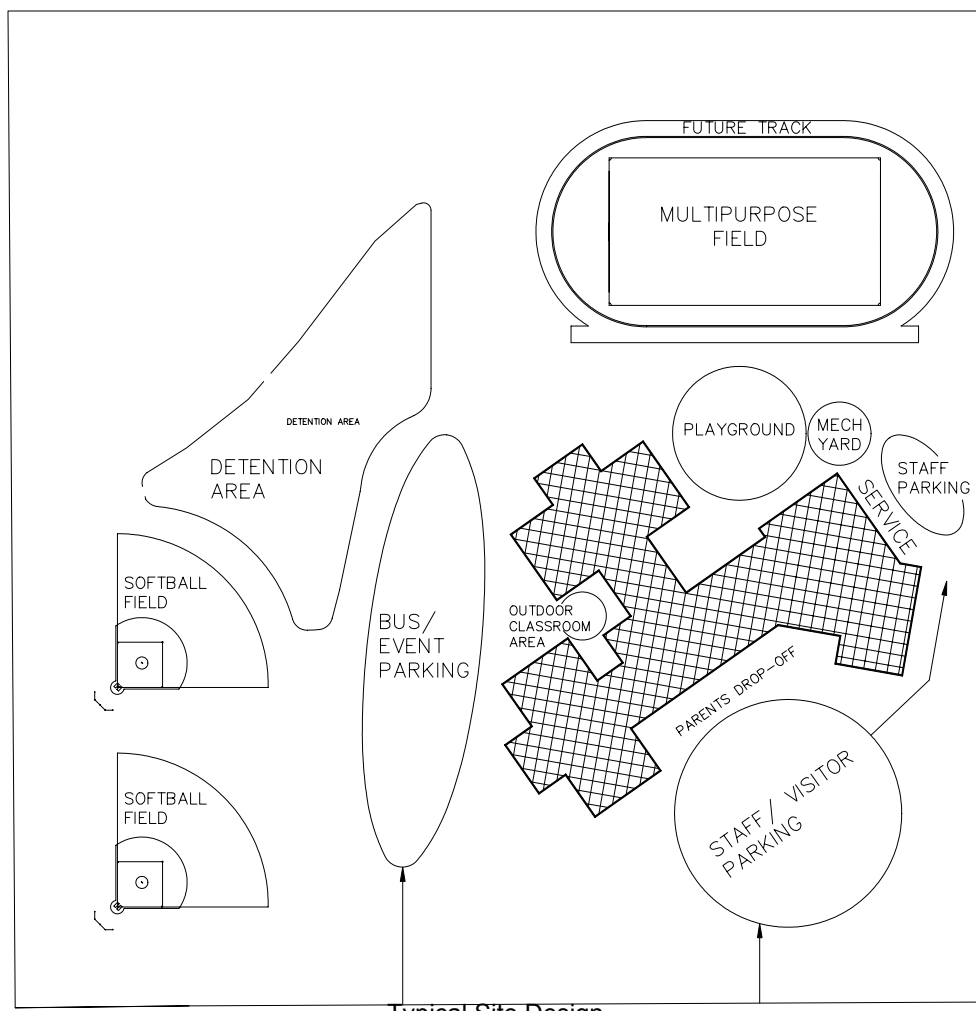
Typical Ramp and Transfer Deck
Figure E-1

A. BUS LOADING AND UNLOADING

1. “Dual-use” of the bus parking lot for playground pavement and special event parking is possible when buses are not present.
2. Provide gate(s) at “dual-use” parking lot entrance to prevent use of the lot by vehicles when used as a playground.
3. ***Locate all drop offs and parking so that idling vehicles are not a source of interior air pollution.***

B. STAFF AND VISITOR PARKING

1. Refer to page 3101-4 for minimum parking requirements.



Typical Site Design
Figure B-1

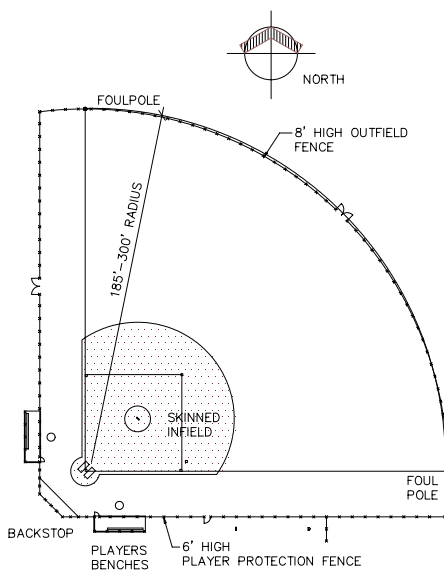
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A. PHYSICAL EDUCATION FIELDS

1. Provide grading only for 1 softball field and 1 multipurpose field where import of fill material is not required.
2. Plan for 1 baseball field, 8 to 12 tennis courts, 6- or 8-lane, 400-meter running track/football field, and field events.
3. Provide grading of fields with 1 percent to 1 1/2 percent slope.
4. The multipurpose field is to be 195 feet wide and 360 feet long.

B. SOFTBALL FIELD

1. Softball field radius is 185 feet to 300 feet. See Figure B-1.
 - a. 185 feet – 235 feet for female or male fast pitch.
 - b. 250 feet – 275 feet for female or male fast pitch.
 - c. 275 feet – 300 feet for male slow pitch.
2. Plan for an infield area in compliance with the Ohio High School Athletic Association guidelines. See Figure B-1.
3. Plan for a backstop having a 17-foot 6-inch overhang height; and a 10-foot high by 20-foot wide back panel with 10-foot wide side panels. Locate backstop a minimum of 25 feet and a maximum of 30 feet behind home plate.
4. Plan for 6-foot high chain link, player protection fence.
5. Plan for future 8-foot high chain outfield fencing, foul poles, and top rail protective pad.
6. Plan for player benches, set back from side fence line.

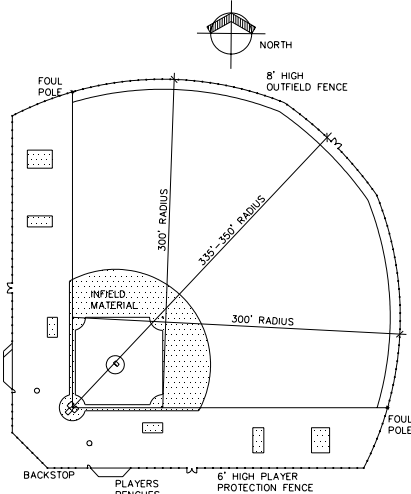


Typical Softball Field
Figure B-1

C. MULTIPURPOSE FIELD

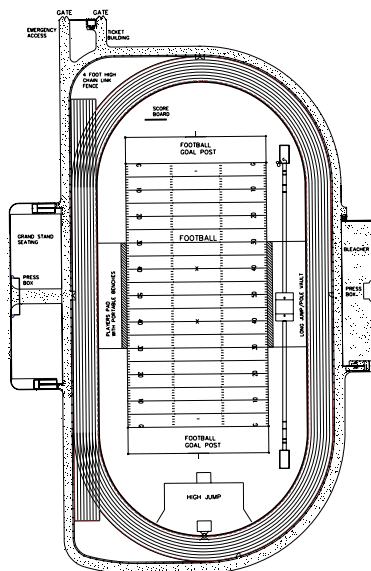
1. Grading is to crown at center of field and slope to sidelines.
2. Plan for future under drains and irrigation.
3. Plan for portable or combination football/soccer goals.

D. FUTURE IMPROVEMENTS



Middle School Baseball Field
Figure D-1

1. Baseball Field
 - a. Radius is to be 300 feet/335 feet to 350 feet. See Figure D-1.
 - b. Plan for infield area in compliance with Ohio High School Athletic Association guidelines. See Figure D-1.
 - c. Plan for 24-foot high backstop a minimum of 60 feet from home plate.
 - d. Plan for a protection fence that is 6-foot high chain link fence offset 60 feet from first and third base lines.
 - e. Plan for outfield fencing that is 8-foot high chain link fence with top rail protective pad between foul lines. Plan for foul poles.
 - f. Plan for player benches, set back from side fence line.

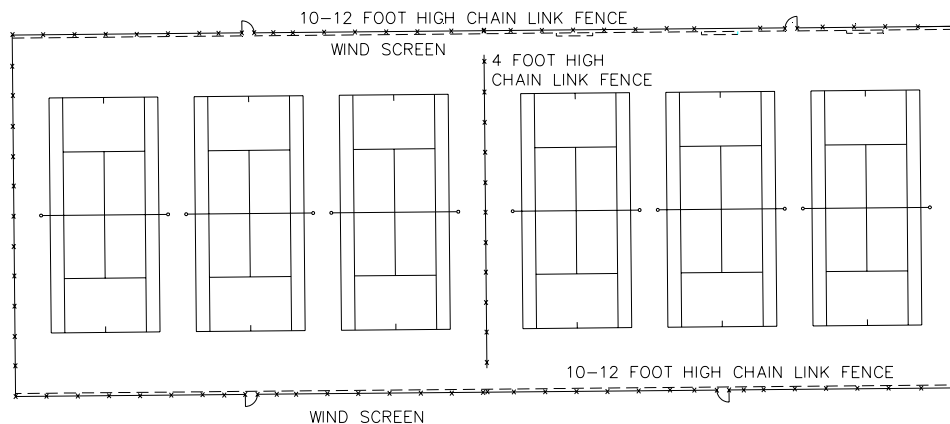


Middle School Track
with Football Field
Figure D-2

2. Running Track/Football Field
 - a. Plan for 6- or 8-lane, 400-meter running track/football field. See Figure D-2.
 - b. Design track radius to allow for a soccer or football field inside the track.
 - c. Plan for field events that include high jump, long/triple jump, discus, and shot-put.
 - d. Plan for 4-foot high chain link perimeter fence surrounding track with gates at center field and as needed for maintenance.

D. FUTURE IMPROVEMENTS (cont.)**3. Tennis Courts**

- a. Plan each court to be 36-foot wide and 78-foot long with a minimum of 21 feet behind each base line to the fence and a minimum of 12 feet from sideline to adjacent court or fence.
- b. It is recommended to have no more that 3 courts side-by-side within 1 fenced area.
- c. Plan for perimeter fence to be 10-foot to 12-foot high. Fence between adjacent banks of courts should be a minimum of 4-foot high.
- d. Plan to install windscreen on chain link fence for wind reduction and at ends of courts for increased ball visibility.
- e. Backboards located on chain link fence at ends of courts for teaching are optional.
- f. Plan to modify spacing, depth of footings, and post size of fencing as required for additional wind load of future windscreen or backboard.
- g. Recommended slope is 1" in 10' (0.833 percent); maximum 1 percent.
- h. The direction of slope in order of preference:
1) side-to-side, 2) end-to-end, and 3) corner-to-corner.



Middle School Tennis Courts
Figure D-3

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A. HARD SURFACE PLAY AREA

1. Provide paved area for basketball full- or half-courts. Locate on bus pavement where possible.
2. Provide grouping of tables and benches for use as an outdoor classroom setting.

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A. BUS LOADING AND UNLOADING

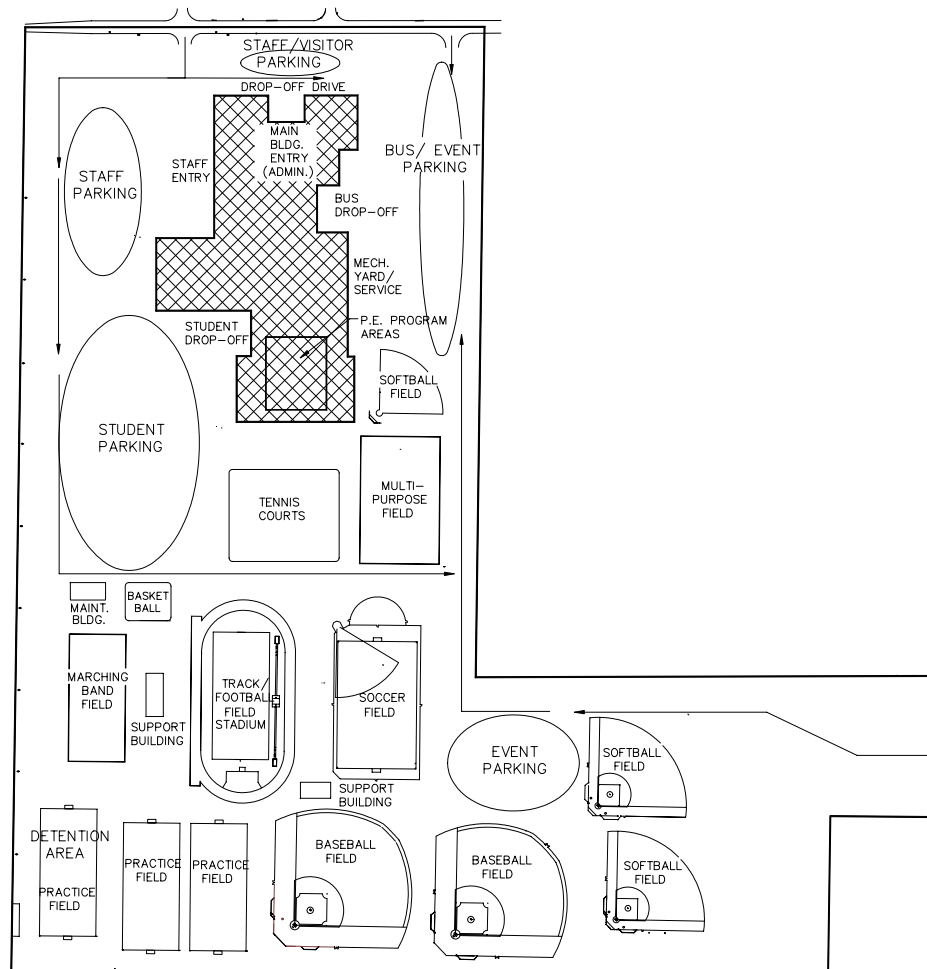
1. “Dual-use” of the bus parking lot for special event parking is possible when buses are not present.

B. STAFF AND VISITOR PARKING

1. *Refer to page 3101-4 for minimum parking requirements.*

C. STUDENT PARKING

1. Student parking area is to be separate from bus and staff parking. Provide **minimum of spaces for 20% of student capacity**. See Figure C-1.

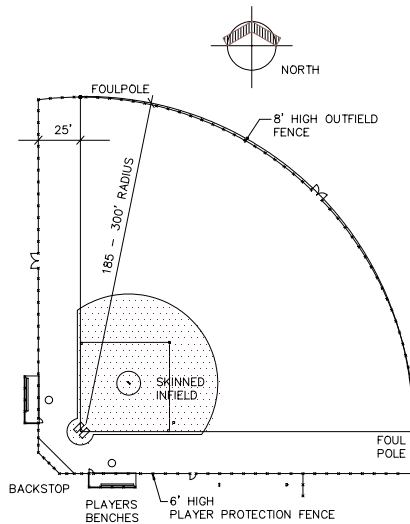


Typical Site Design
Figure C-1

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A. PHYSICAL EDUCATION FIELDS

1. Provide grading only for 1 softball field and 1 multipurpose field where import of fill material is not required.
2. Plan for 1 baseball field, 8 to 12 tennis courts, 8-lane, 400-meter running track/football field, and field events, and 2 additional multipurpose fields.
3. Provide grading of fields with 1 percent to 1 1-2 percent slope.
4. The multipurpose field is to be 225-foot wide and 360-foot long.

B. SOFTBALL FIELD

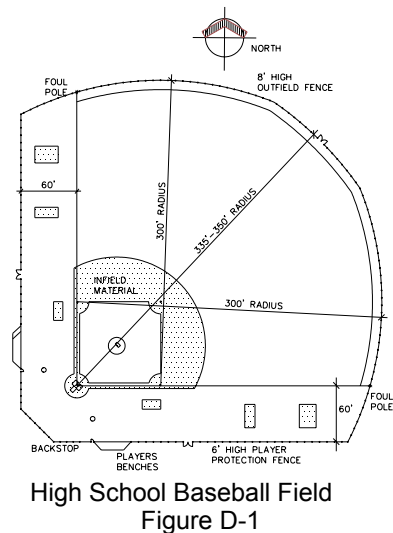
Typical Softball Field
Figure B-1

1. The softball field radius is 185 feet to 300 feet. See Figure B-1.
 - a. 185 feet - 235 feet for female or male fast pitch
 - b. 250 feet - 275 feet for female slow pitch
 - c. 275 feet - 300 feet for male slow pitch
2. Provide infield area in compliance with the Ohio High School Athletic Association guidelines. See Figure B-1.
3. Plan for a backstop having a 17-foot 6-inch overhang height; and a 10-foot high by 20-foot wide back panel with 10-foot wide side panels. Locate backstop a minimum of 25 feet and a maximum of 30 feet behind home plate.
4. Plan for 6-foot high chain link, player protection fence.
5. Plan for future 8-foot high chain outfield fencing, foul poles, and top rail protective pad.
6. Plan for player benches, set back from side fence line.

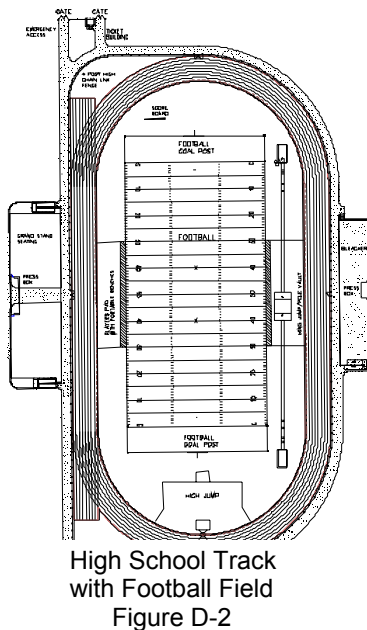
C. MULTIPURPOSE FIELD

1. Grading is to crown at center of the field and slope to sidelines.
2. Plan for future under drains and irrigation.
3. Plan for portable or combination football/soccer goals.

D. FUTURE IMPROVEMENTS



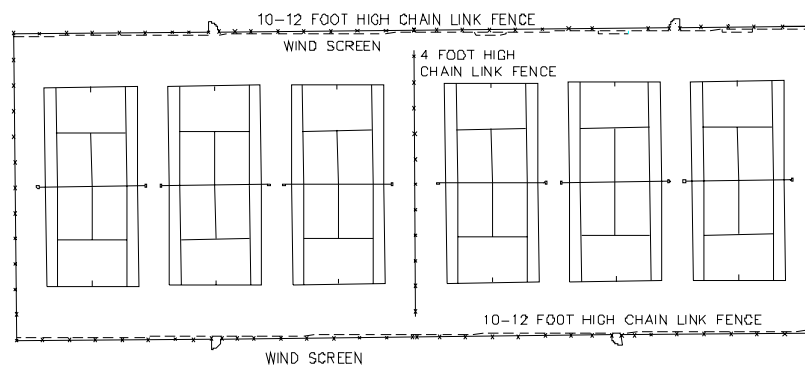
1. Baseball Field
 - a. Radius is to be 300 feet/335 feet to 350 feet. See Figure D-1.
 - b. Plan for infield area in compliance with Ohio High School Athletic Association guidelines. See Figure D-1.
 - c. Plan for a 24-foot high backstop a minimum of 60 feet from home plate.
 - d. Plan for a protection fence that is 6-foot high chain link fence offset 60 feet from first and third base lines.
 - e. Plan for outfield fencing and foul poles that are 8-foot high chain link fence with top rail protective pad between foul lines.
 - f. Plan for player benches, set back from side fence line.



2. Running Track/Football Field
 - a. Plan for 8-lane, 400-meter running track/football field. See Figure D-2.
 - b. Design track radius to allow for a soccer or football field inside the track.
 - c. Plan for field events that include high jump, long/triple jump, discus, and shot-put.
 - d. Plan for a 4-foot high chain link perimeter fence surrounding track with gates at center field and as needed for maintenance.

D. FUTURE IMPROVEMENTS (cont.)**3. Tennis Courts (See Figure D-3)**

- a. Plan each court to be 36-foot wide by 78-foot long with a minimum of 21 feet behind each base line to the fence and a minimum of 12 feet from sideline to adjacent court or fence.
- b. It is recommended to have no more than 3 courts side-by-side within 1 fenced area.
- c. Plan for perimeter fence to be 10-foot to 12-foot high. Fence between adjacent banks of courts should be a minimum of 4-foot high.
- d. Plan to install windscreen on chain link fence for wind reduction and at ends of courts for increased ball visibility.
- e. Backboards located on chain link fence at ends of courts for teaching is optional.
- f. Plan to modify spacing, depth of footings, and post size of fencing as required for additional wind load of future windscreen or backboard.
- g. Recommended slope is 1" in 10' (0.833 percent); maximum 1 percent.
- h. The direction of slope in order of preference: 1) side-to-side, 2) end-to-end, and 3) corner-to-corner.

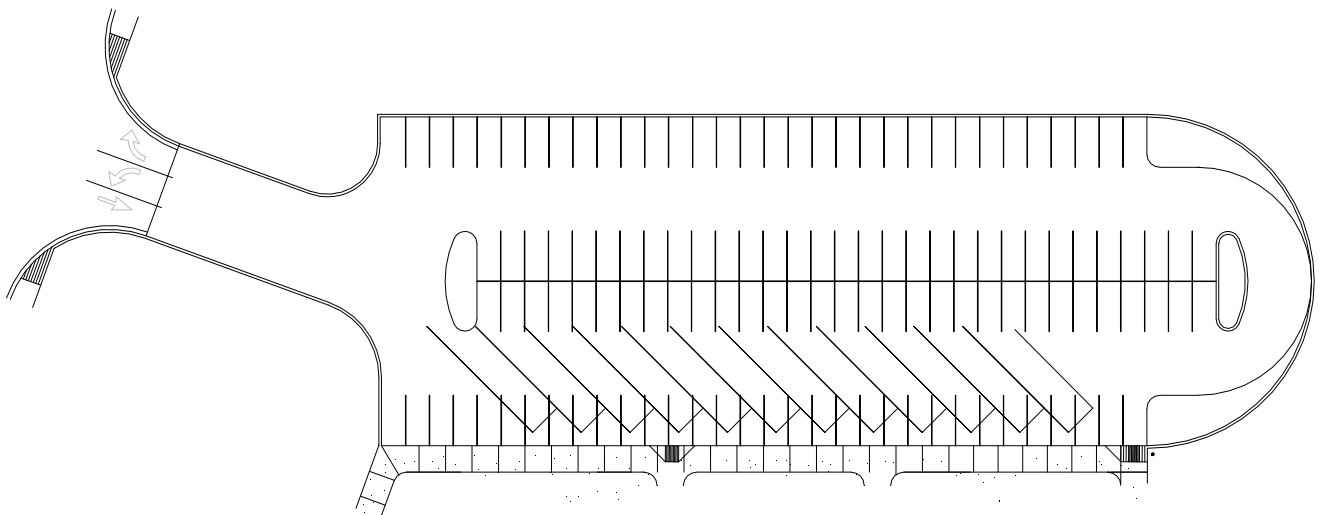


High School Tennis Courts
Figure D-3

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A. BUS LOADING AND UNLOADING

1. “Dual-use” of the bus parking lot for playground pavement and basketball courts is possible when buses are not present.
2. Over-stripe the bus parking lot for special event parking. Design the lot for optimum number of cars by setting the width of the pavement to allow for four rows (two aisles) of cars. See Figure C-1.



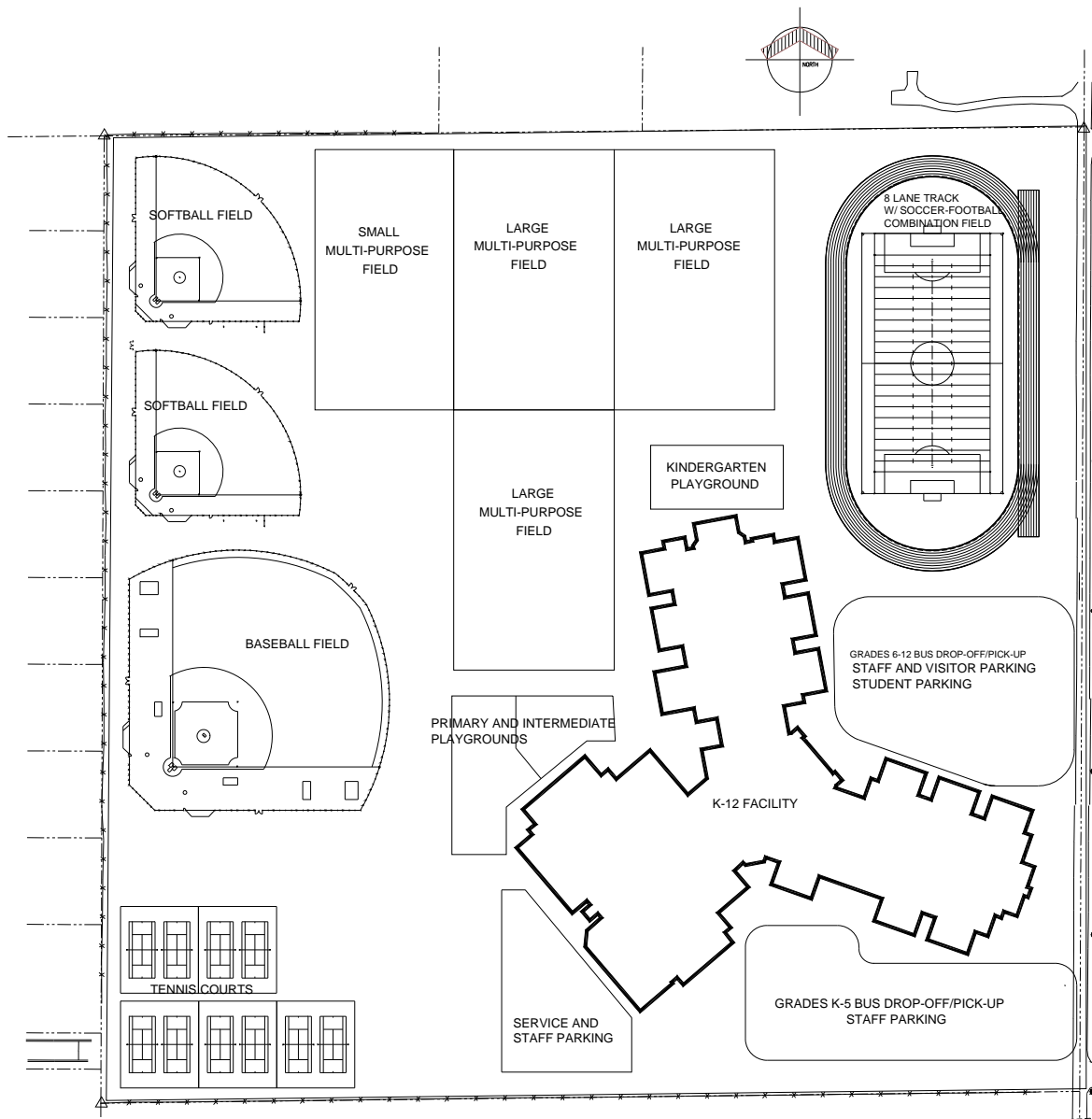
Typical Bus Parking Lot Design
Figure C-1

B. VISITOR PARKING

1. Provide a minimum of 15 parking spaces.

C. STUDENT PARKING

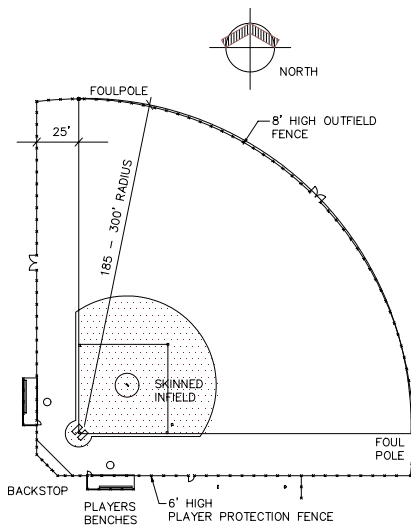
1. Student parking area is to be separate from bus, visitor, and staff parking. ***Provide spaces for 20% of all high school students.***



Typical Site Design
 Figure C-2

A. PHYSICAL EDUCATION FIELDS

1. Provide grading only for 2 softball fields and 2 multipurpose fields where import of fill material is not required.
2. Plan for 1 baseball field, 10 tennis courts, 8-lane, 400-meter running track/football field, and field events, and 2 additional multipurpose fields.
3. Provide grading of fields with 1 percent to 1 1-2 percent slope.
4. The multipurpose field: 3 fields are to be 225-foot wide and 360-foot long and 1 field is to be 195-foot wide and 360-foot long.

B. SOFTBALL FIELD

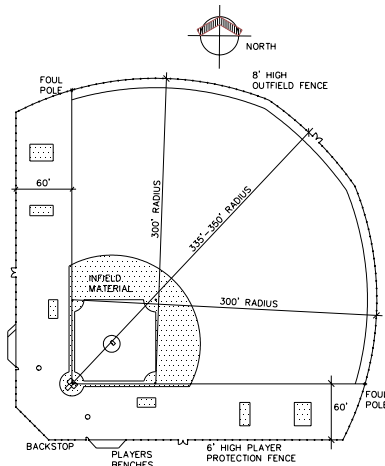
Typical Softball Field
Figure B-1

1. The softball field radius: one field is to be 225 feet to 275 feet and one field is to be 180 feet to 200 feet. See Figure B-1.
2. Provide infield area in compliance with the Ohio High School Athletic Association guidelines. See Figure B-1.
3. Plan for a backstop having a 17-foot 6-inch overhang height; and a 10-foot high by 20-foot wide back panel with 10-foot wide side panels. Locate backstop a minimum of 25 feet and a maximum of 30 feet behind home plate.
4. Plan for 6-foot high chain link, player protection fence.
5. Plan for future 8-foot high chain outfield fencing, foul poles, and top rail protective pad.
6. Plan for player benches, set back from side fence line.

C. MULTIPURPOSE FIELD

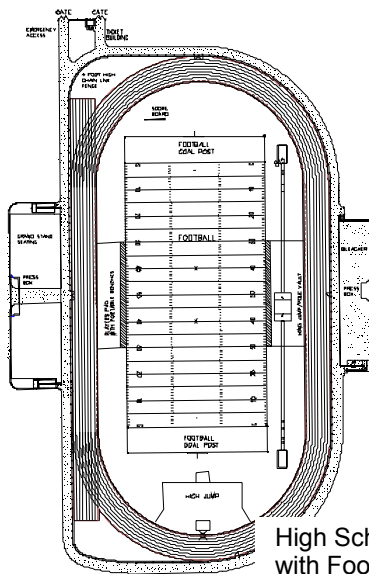
1. Grading is to crown at center of the field and slope to sidelines.
2. Plan for future under drains and irrigation.
3. Plan for portable or combination football/soccer goals.

D. FUTURE IMPROVEMENTS



High School Baseball Field
Figure D-1

1. Baseball Field
 - a. Radius is to be 300 feet/335 feet to 350 feet. See Figure D-1.
 - b. Plan for infield area in compliance with Ohio High School Athletic Association guidelines. See Figure D-1.
 - c. Plan for a 24-foot high backstop a minimum of 60 feet from home plate.
 - d. Plan for a protection fence that is 6-foot high chain link fence offset 60 feet from first and third base lines.
 - e. Plan for outfield fencing and foul poles that are 8-foot high chain link fence with top rail protective pad between foul lines.
 - f. Plan for player benches, set back from side fence line.

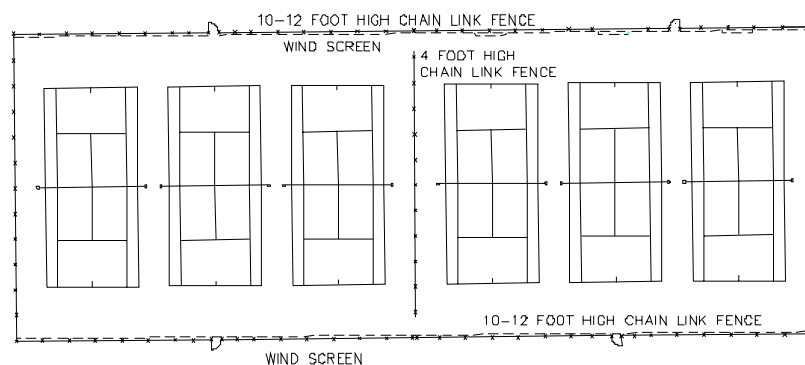


High School Track
with Football Field
Figure D-2

2. Running Track/Football Field
 - a. Plan for 8-lane, 400-meter running track/football field. See Figure D-2.
 - b. Design track radius to allow for a soccer or football field inside the track.
 - c. Plan for field events that include high jump, long/triple jump, discus, and shot-put.
 - d. Plan for a 4-foot high chain link perimeter fence surrounding track with gates at center field and as needed for maintenance.

D. FUTURE IMPROVEMENTS (cont.)**3. Tennis Courts (See Figure D-3)**

- a. Plan each court to be 36-foot wide by 78-foot long with a minimum of 21 feet behind each base line to the fence and a minimum of 12 feet from sideline to adjacent court or fence.
- b. It is recommended to have no more than 3 courts side-by-side within 1 fenced area.
- c. Plan for perimeter fence to be 10-foot to 12-foot high. Fence between adjacent banks of courts should be a minimum of 4-foot high.
- d. Plan to install windscreen on chain link fence for wind reduction and at ends of courts for increased ball visibility.
- e. Backboards located on chain link fence at ends of courts for teaching is optional.
- f. Plan to modify spacing, depth of footings, and post size of fencing as required for additional wind load of future windscreen or backboard.
- h. Recommended slope is 1" in 10' (0.833 percent); maximum 1 percent.
- i. The direction of slope in order of preference: 1) side-to-side, 2) end-to-end, and 3) corner-to-corner.



High School Tennis Courts
Figure D-3

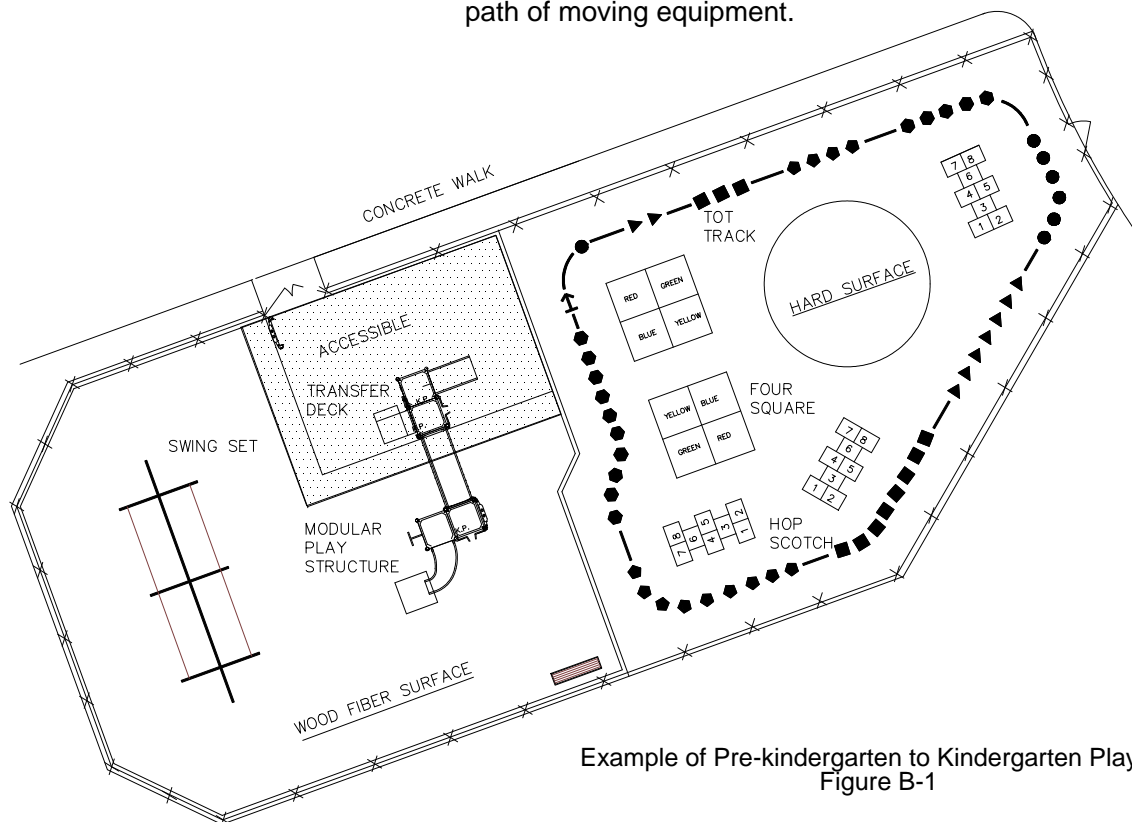
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A. AREA REQUIRED

1. Provide 50-75 square feet of play area per student in grades Kindergarten- 5th grade (estimate 45% of the overall students as being in K-5). Example: for a 1000 student school, provide for 450 students or 33,750 square feet. This area includes both hard surfaces and soft surfaces.

B. SEPARATION OF PLAY AREAS

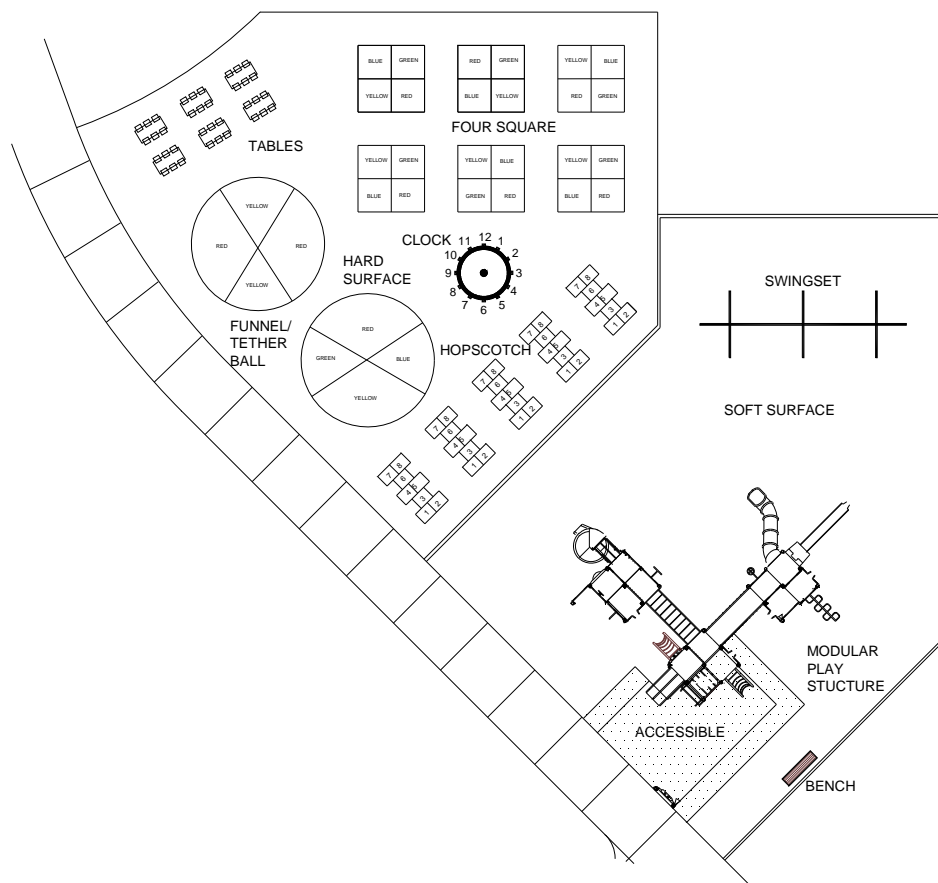
1. Provide playground areas to allow for difference in age, ability, and varying interests. If space is a consideration, one play area can accommodate all grades as long as pre-school is not a consideration.
2. Follow applicable safety guidelines for different age groups.
3. Pre-kindergarten and kindergarten play area. See Figure B-1.
 - a. Provide play activities that include rocking, swinging, balancing, climbing, and sliding.
 - b. Locate equipment with moving parts, such as swings, at the perimeter of the play area. Use fence or planting beds to prevent children from inadvertently stepping into path of moving equipment.



Example of Pre-kindergarten to Kindergarten Play Area
Figure B-1

B. SEPARATION OF PLAY AREAS (cont.)

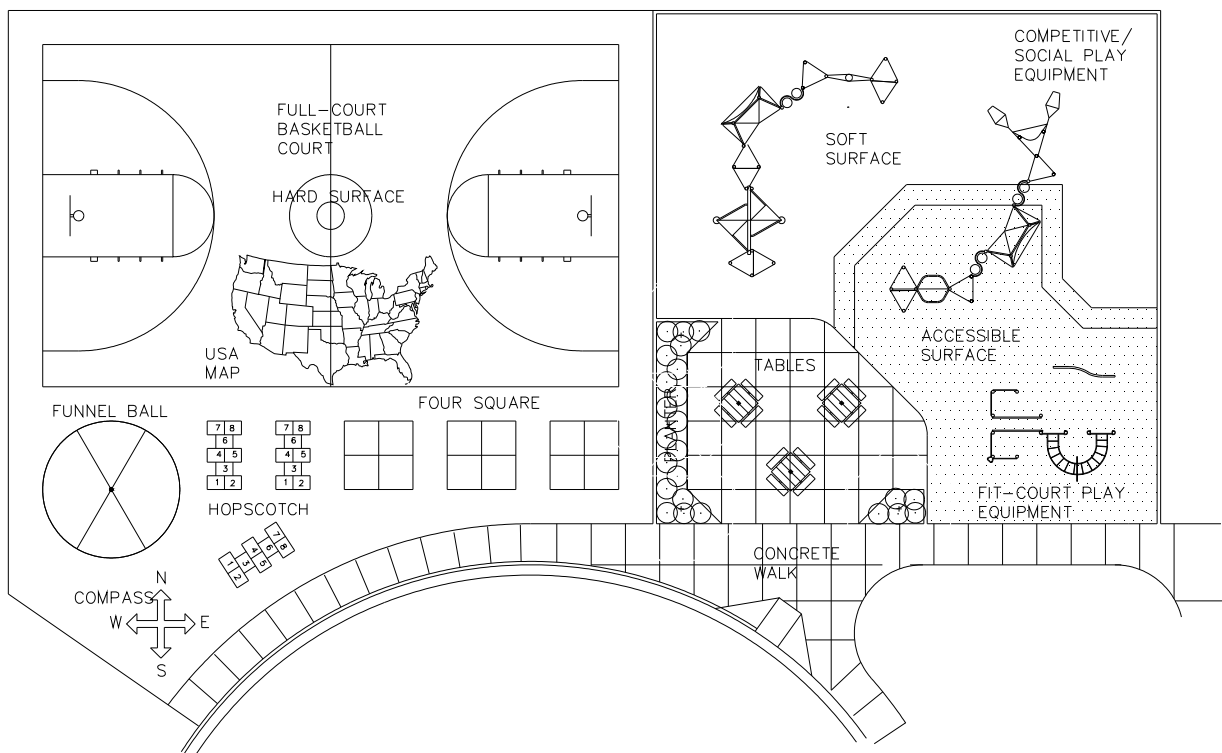
4. Primary Play Area (See Figure B-2)
 - a. Design for grades 1 through 3.
 - b. Provide play activities that include rocking, swinging, balancing, climbing, and sliding.
 - c. Provide upper-body strengthening devices such as a parallel bar and overhead ladder play equipment.
 - d. Provide half-court basketball and dropshot/funnel ball.
 - e. Provide a grouping of tables and benches for use as an outdoor classroom setting.



Example of Primary Play Area
Figure B-2

B. SEPARATION OF PLAY AREAS (cont.)

5. Intermediate Play Area (See Figure B-3)
 - a. Design for grades 4 and 5.
 - b. Intermediate play area may be combined with primary play area.
 - c. Provide fitness structures and competitive equipment.
 - d. Provide 1 full basketball court (50 feet by 84 feet) or 2 half courts (50 feet by 42 feet).
 - e. Provide for groupings of benches and tables for social or passive play. This area can also serve as an outdoor classroom.



Example of Intermediate Play Area
Figure B-3

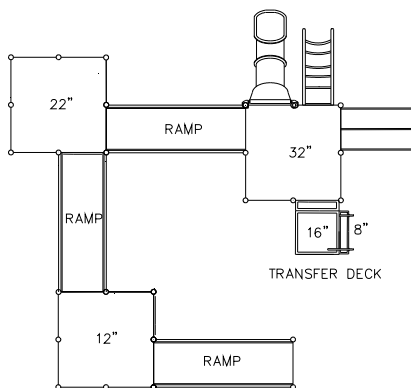
C. HARD SURFACE PLAY AREA

1. Provide paved area for full- or half-court basketball. Locate on bus pavement where possible. Bus pavement should be adjacent or within view of other elementary play spaces for shared supervision.
2. Painted games could include four square, hopscotch, tetherball, kickball, dodgeball, games played in a large circle, a tot track with sequenced shapes or perimeter line for running relays or laps.
3. Educational features could include a USA or world map, counting line, compass, and clock.

D. SOFT SURFACE PLAY AREA

1. Surfacing is to be resilient, and installed at a sufficient depth to meet current safety guidelines. It should be a nonsplintering surface where children may be crawling. Avoid using black surfacing.
2. Provide edging to keep loose fill soft surface within bounds of the play area. Depress loose fill soft surface material below edging. Provide under drain system and geotextile below loose fill soft surface.
3. Increase the depth of soft surface material in areas of high use such as the base of swings and slides.
4. Provide play structures.

E. ACCESSIBILITY STANDARDS



Typical Ramp and Transfer Deck
Figure E-1

1. Provide ramps and/or transfer points on composite play structures for access to play components on elevated decks. Meet the Americans with Disabilities Act guidelines for percentage of components that are to be accessible by ramp and by transfer deck. See Figure E-1.
2. Provide table and benches along accessible route.
3. Provide future upper-body strengthening devices as appropriate for age group and amount of supervision.

A. VISITOR PARKING

1. Provide parking spaces for between 2%-3% times the student capacity as determined by Design Professional.

B. STUDENT PARKING

1. Student parking area is to be separate from bus and staff parking. Provide 3 spaces for every 4 students.

C. CUSTOMER PARKING

1. Provide 10 spaces for each program serving outside customers except the restaurant program. Provide 1 space for every 2 seats within the restaurant.

D. ACCESSIBLE PARKING

1. ***The number of parking spaces required to be accessible shall be calculated separately for each facility, according to Table 1106.1 of the Ohio Building Code.***

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