

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

EXAMPLE	450 Students	600 Students	750 Students
	SF	SF	SF
Grade Configuration: 6-8			
Number of Students	450	600	750
Square Feet Per Student	151.00	142.88	141.00
<b>Total Gross Square Feet Funded</b>	<b>67,950</b>	<b>85,725</b>	<b>105,750</b>
<b>PROGRAM AREA</b>			
M-AC Academic Core Spaces	18,450	24,450	29,850
M-SE Special Education Spaces	1,750	2,350	3,700
M-AD Administrative Spaces	2,237	2,705	3,415
M-MC Media Center Spaces	3,795	4,473	5,145
M-VA Visual Arts Spaces	1,400	1,450	2,700
M-MU Music Spaces	1,600	2,900	3,000
M-TE Technology Education Spaces	1,450	1,450	2,750
M-FCS Family and Consumer Science Spaces	0	1,200	1,200
M-PE Physical Education Spaces	9,300	10,325	11,100
M-SD Student Dining Spaces	4,150	4,300	5,732
M-FS Food Service Spaces	1,825	2,350	2,875
M-CU Custodial Spaces	300	400	500
M-BS Building Services	14,960	18,876	23,304
<b>Facility Total</b>	<b>61,216</b>	<b>77,229</b>	<b>95,270</b>
Construction Factor	0.11	0.11	0.11
<b>Gross Square Feet Developed</b>	<b>67,950</b>	<b>85,725</b>	<b>105,750</b>

**WORKSHEET**

Enter Grade Configuration:	6-8		
Enter Student Capacity	883		
Square Feet Per Student from Page 2000-3	141.00		Vertical Circulation (multistory buildings)
<b>Total Gross Square Feet Funded</b>	<b>124,503</b>		refers only to stairways/stairtowers,
<b>SELECT ONE</b> → <input type="radio"/> Single Story Building <input checked="" type="radio"/> Multistory Building			monumental stairs, elevators and
<i>Plus Vertical Circulation (for Multistory Buildings) Area Allowable</i>	1,110		elevator equipment rooms.
<b>Total Adjusted POR Gross Square Footage</b>	<b>125,613</b>		
<b>PROGRAM AREA</b>	<b>New SF</b>	<b>Existing SF*</b>	<b>TOTAL SF</b>
M-AC Academic Core Spaces	38,070	37,764	38,070
M-SE Special Education Spaces	5,560	0	5,560
M-AD Administrative Spaces	3,455	0	3,455
M-MC Media Center Spaces	7,761	0	7,761
M-VA Visual Arts Spaces	2,700	0	2,700
M-MU Music Spaces	3,063	0	3,063
M-TE Technology Education Spaces	2,750	0	2,750
M-FCS Family and Consumer Science Spaces	0	0	0
M-PE Physical Education Spaces	11,100	0	11,100
M-SD Student Dining Spaces	6,815	0	6,815
M-FS Food Service Spaces	3,341	0	3,341
M-CU Custodial Spaces	400	0	400
M-BS Building Services	28,260	0	28,260
<b>Facility Total</b>	<b>113,274</b>	<b>37,764</b>	<b>113,274</b>
Construction Factor (11% multiplied by the facility total)	0.11	na	na
<b>Actual Gross Square Feet Developed</b>	<b>125,612</b>	<b>0</b>	<b>125,612</b>
Minus existing Oversize Area from Master Plan		0	- see note 1
Adjusted Existing Area		0	- see note 2
<b>Total Adjusted Gross Square Footage Developed (without Oversize Area)</b>			<b>125,612</b>
Difference of SF developed from SF allowable			<b>1</b> \$200.70

NOTES

- Existing Gross Square Feet taken from assessment report.
  - Oversize Area also taken from assessment report.
- \* The Existing SF column is only used in projects where there are to be building additions.

**Fremont MS**  
**ACADEMIC CORE SPACES**  
**M-AC**

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

<b>EXAMPLE</b>		<b>450 Students</b>			<b>600 Students</b>			<b>750 Students</b>		
<b>Space</b>		<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>
M-AC-1	Middle School Classroom	15	900	13,500	18	900	16,200	24	900	21,600
M-AC-2	Project Laboratory	3	1,100	3,300	6	1,100	6,600	6	1,100	6,600
M-AC-3	Teacher Prep Area/Workroom	3	300	900	3	300	900	3	300	900
M-AC-4	Individual Restroom	3	50	150	3	50	150	3	50	150
M-AC-5	Instructional Material Storage	3	200	600	3	200	600	3	200	600
M-AC-6	Small Group Room	0	150	0	0	150	0	0	150	0
<b>Academic Core Total</b>				<b>18,450</b>			<b>24,450</b>			<b>29,850</b>

<b>WORKSHEET</b>		<b>New SF</b>			<b>SD SF</b>			
<b>Space</b>		<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	
M-AC-1	Middle School Classroom	32	810	25,920	32	810	25,920	
M-AC-2	Project Laboratory	9	1,100	9,900	9	1,100	9,900	
M-AC-3	Teacher Prep Area/Workroom	3	300	900	3	300	900	
M-AC-4	Individual Restroom	6	50	300	3	147	441	
M-AC-5	Instructional Material Storage	3	200	600	3	201	603	
M-AC-6	Small Group Room	3	150	450	0	0	0	
<b>Academic Core Total</b>				<b>38,070</b>			<b>37,764</b>	<b>38,070</b>

CHAPTER 2: BRACKETING

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

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

<b>WORKSHEET</b>		<b>New SF</b>			<b>Existing SF</b>			<b>TOTAL SF</b>		
<b>Space</b>		<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>
M-SE-1	Self-contained Classroom	1	810	810	0	0	0	1	varies	810
M-SE-2	Workroom/Conference	1	150	150	0	0	0	1	varies	150
M-SE-3	Restroom/Shower	1	100	100	0	0	0	1	varies	100
M-SE-4	Special Education/Resource	3	900	2,700	0	0	0	3	varies	2,700
M-SE-5	Small Self-contained Classroom	3	600	1,800	0	0	0	3	varies	1,800
<b>Special Education Total</b>				<b>5,560</b>			<b>0</b>			<b>5,560</b>

NOTE 1: Self-contained classroom(s) could 'house' various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.

NOTE 2: Workroom/Conference could 'house' orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.

NOTE 3: Special Education/Resource could 'house' cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic, brain injury, learning disability, deaf/blindness, etc.  
 See Chapter 1, Section 1110 for more information.

For student capacities from 1,601 to 2,400 the area remains the same or increases proportionally as indicated in the example.

Fremont MS  
**ADMINISTRATIVE SPACES**  
**M-AD**

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-AD-1	Reception Area	1	200	200	1	300	300	1	400	400
M-AD-2	Secretarial Area	1	200	200	1	300	300	1	400	400
M-AD-3	Principal's Office	1	150	150	1	150	150	1	150	150
M-AD-4	Assistant Principal's Office	0	120	0	0	120	0	1	120	120
M-AD-5	Conference Room	1	250	250	1	250	250	1	250	250
M-AD-6	Mail/Work/Copy Room	1	200	200	1	250	250	1	300	300
M-AD-7	Administrative Storage	1	150	150	1	150	150	1	150	150
M-AD-8	Vault/Records Storage	1	50	50	1	65	65	1	80	80
M-AD-9	In-school Suspension	1	200	200	1	250	250	1	325	325
M-AD-10	Restroom	1	50	50	1	50	50	1	50	50
M-AD-11	Guidance Counselor's Office	1	120	120	1	120	120	2	120	240
M-AD-12	Guidance Records/Storage	0	100	0	1	100	100	1	100	100
M-AD-13	Parent/Volunteer Room	1	200	200	1	200	200	1	200	200
M-AD-14	Health Clinic	1	347	347	1	400	400	1	450	450
M-AD-15	Itinerant Personnel Office	1	120	120	1	120	120	1	120	120
M-AD-16	Family Restroom	0	80	0	0	80	0	1	80	80
<b>Administrative Total</b>				<b>2,237</b>			<b>2,705</b>			<b>3,415</b>

WORKSHEET		New SF			Existing SF			TOTAL SF		
Space		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-AD-1	Reception Area	1	400	400	0	0	0	1	varies	400
M-AD-2	Secretarial Area	1	400	400	0	0	0	1	varies	400
M-AD-3	Principal's Office	1	150	150	0	0	0	1	varies	150
M-AD-4	Assistant Principal's Office	2	120	240	0	0	0	2	varies	240
M-AD-5	Conference Room	1	250	250	0	0	0	1	varies	250
M-AD-6	Mail/Work/Copy Room	1	300	300	0	0	0	1	varies	300
M-AD-7	Administrative Storage	1	150	150	0	0	0	1	varies	150
M-AD-8	Vault/Records Storage	1	80	80	0	0	0	1	varies	80
M-AD-9	In-school Suspension	1	325	325	0	0	0	1	varies	325
M-AD-10	Restroom	1	50	50	0	0	0	1	varies	50
M-AD-11	Guidance Counselor's Office	3	120	360	0	0	0	3	varies	360
M-AD-12	Guidance Records/Storage	1	100	100	0	0	0	1	varies	100
M-AD-13	Parent/Volunteer Room	0	200	0	0	0	0	0	varies	0
M-AD-14	Health Clinic	1	450	450	0	0	0	1	varies	450
M-AD-15	Itinerant Personnel Office	1	120	120	0	0	0	1	varies	120
M-AD-16	Family Restroom	1	80	80	0	0	0	1	varies	80
<b>Administrative Total</b>				<b>3,455</b>			<b>0</b>			<b>3,455</b>

NOTE 1: Student capacity determines SF allowed. 350-450: 200 SF; 451-600: 300 SF; 601-750: 400 SF  
 NOTE 2: Student capacity determines SF allowed. 350-450: 200 SF; 451-600: 300 SF; 601-750: 400 SF  
 NOTE 3: Student capacity determines SF allowed. 350-450: 200 SF; 451-600: 250 SF; 601-750: 300 SF  
 NOTE 4: Student capacity determines SF allowed. 350-450: 50 SF; 451-600: 65 SF; 601-750: 80 SF  
 NOTE 5: Student capacity determines SF allowed. 350-450: 200 SF; 451-600: 250 SF; 601-750: 325 SF  
 NOTE 6: Student capacity determines SF allowed. 350-450: 350 SF; 451-750: 450 SF

CHAPTER 2: BRACKETING

The following is an example of three sizes of middle schools.  
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<b>EXAMPLE</b>		<b>450 Students</b>			<b>600 Students</b>			<b>750 Students</b>		
		<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>
M-MC-1	Reading Room/Circulation	1	1,575	1,575	1	2,100	2,100	1	2,625	2,625
M-MC-2	Media Specialist Office	1	120	120	1	120	120	1	120	120
M-MC-3	Workroom/Storage	1	150	150	1	<b>200</b>	<b>200</b>	1	<b>250</b>	<b>250</b>
M-MC-4	Main <b>Control/Equipment Rm</b>	1	<b>300</b>	<b>300</b>	1	<b>300</b>	<b>300</b>	1	<b>300</b>	<b>300</b>
M-MC-5	Computer Lab	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
M-MC-6	A/V Storage	1	150	150	1	<b>200</b>	<b>200</b>	1	250	250
M-MC-7	Conference Room	1	200	200	<b>1</b>	200	<b>200</b>	1	200	200
M-MC-8	Multimedia Production Room	1	300	300	1	<b>353</b>	<b>353</b>	1	400	400
<b>Media Center Total</b>				<b>3,795</b>			<b>4,473</b>			<b>5,145</b>

<b>WORKSHEET</b>		<b>New SF</b>			<b>Existing SF</b>			<b>TOTAL SF</b>			
		<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	
M-MC-1	Reading Room/Circulation	1	3,091	3,091	0	0	0	1	varies	3,091	See Note 1.
M-MC-2	Media Specialist Office	1	120	120	0	0	0	1	varies	120	
M-MC-3	Workroom/Storage	1	250	250	0	0	0	1	varies	250	See Note 2.
M-MC-4	Main <b>Control/Equipment Rm</b>	1	<b>300</b>	300	0	0	0	1	varies	300	
M-MC-5	Computer Lab	4	900	3,600	0	0	0	4	varies	3,600	
M-MC-6	A/V Storage	0	250	0	0	0	0	0	varies	0	See Note 3.
M-MC-7	Conference Room	0	200	0	0	0	0	0	varies	0	
M-MC-8	Multimedia Production Room	1	400	400	0	0	0	1	varies	400	See Note 4.
<b>Media Center Total</b>				<b>7,761</b>			<b>0</b>			<b>7,761</b>	

NOTE 1: The size of the reading room/circulation space is equal to 10% of the student capacity multiplied by 35 SF per student.

NOTE 2: Student capacity determines SF allowed. 350-450: 150 SF; 451-600: 200 SF; 601-750: 250 SF

NOTE 3: Student capacity determines SF allowed. 350-450: 150 SF; 451-600: 200 SF; 601-750: 250 SF

NOTE 4: Student capacity determines SF allowed. 350-450: 300 SF; 451-750: 400 SF

Fremont MS  
**VISUAL ART SPACES**  
**M-VA**

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

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

<b>WORKSHEET</b>		<b>New SF</b>			<b>Existing SF</b>			<b>TOTAL SF</b>		
<b>Space</b>		<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>
M-VA-1	Art Room	2	1,200	2,400	0	0	0	2	varies	2,400
M-VA-2	Kiln/Ceramic Storage	1	100	100	0	0	0	1	varies	100
M-VA-3	Art Material Storage - note 1	1	200	200	0	0	0	1	varies	200
<b>Visual Arts Total</b>				<b>2,700</b>			<b>0</b>			<b>2,700</b>

NOTE 1: Student capacity determines SF allowed. 350-450: 100 SF; 451-600: 150 SF; 601-750: 200 SF

CHAPTER 2: BRACKETING

The following is an example of three sizes of middle schools.  
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<b>EXAMPLE</b>		<b>450 Students</b>			<b>600 Students</b>			<b>750 Students</b>		
<b>Space</b>		<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>
M-MU-1	Instrumental Room	1	1,400	1,400	1	1,500	1,500	1	1,600	1,600
M-MU-2	Vocal Room	0	1,200	0	1	1,200	1,200	1	1,200	1,200
M-MU-3	Music Library	1	200	200	1	200	200	1	200	200
<b>Music Total</b>				<b>1,600</b>			<b>2,900</b>			<b>3,000</b>

<b>WORKSHEET</b>		<b>New SF</b>			<b>Existing SF</b>			<b>TOTAL SF</b>		
<b>Space</b>		<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>
M-MU-1	Instrumental Room - note 1	1	1,600	1,600	0	0	0	1	varies	1,600
M-MU-2	Vocal Room	1	1,200	1,200	0	0	0	1	varies	1,200
M-MU-3	Music Library	1	263	263	0	0	0	1	varies	263
<b>Music Total</b>				<b>3,063</b>			<b>0</b>			<b>3,063</b>

NOTE 1: Student capacity determines SF allowed. 350-450: 1400 SF; 451-600: 1500 SF; 601-750: 1600 SF

Fremont MS  
**TECHNOLOGY EDUCATION SPACES**  
**M-TE**

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

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

<b>WORKSHEET</b>		<b>New SF</b>			<b>Existing SF</b>			<b>TOTAL SF</b>		
<b>Space</b>		<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>
M-TE-1a	Modular Technology Lab	1	1,300	1,300	0	0	0	1	varies	1,300
M-TE-1b	Production Lab	1	1,300	1,300	0	0	0	1	varies	1,300
M-TE-2	Storage	1	150	150	0	0	0	1	varies	150
<b>Technology Education Total</b>				<b>2,750</b>	<b>0</b>			<b>2,750</b>		

**FAMILY AND CONSUMER SCIENCE SPACES  
M-FCS**

CHAPTER 2: BRACKETING

The following is an example of three sizes of middle schools.  
The examples are intended to assist in the development of the summary of spaces.

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

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

Fremont MS  
**PHYSICAL EDUCATION SPACES**  
**M-PE**

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

EXAMPLE Space	450 Students			600 Students			750 Students		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-PE-1 Gymnasium	1	7,000	7,000	1	8,000	8,000	1	8,500	8,500
M-PE-2 P.E./Athletic Office	2	75	150	2	75	150	2	75	150
M-PE-3 Staff Shower	2	75	150	2	75	150	2	75	150
M-PE-4 Student Locker Room	2	600	1,200	2	600	1,200	2	650	1,300
M-PE-5 Student Restroom/Shower	2	250	500	2	250	500	2	250	500
M-PE-6 Physical Education Storage	1	300	300	1	325	325	1	500	500
<b>Physical Education Total</b>			<b>9,300</b>			<b>10,325</b>			<b>11,100</b>

WORKSHEET Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-PE-1 Gymnasium - note 1	1	8,500	8,500	0	0	0	1	varies	8,500
M-PE-2 P.E./Athletic Office	2	75	150	0	0	0	2	varies	150
M-PE-3 Staff Shower	2	75	150	0	0	0	2	varies	150
M-PE-4 Student Locker Room-note 2	2	650	1,300	0	0	0	2	varies	1,300
M-PE-5 Student Restroom/Shower	2	250	500	0	0	0	2	varies	500
M-PE-6 Physical Education Storage-note 3	1	500	500	0	0	0	1	varies	500
<b>Physical Education Total</b>			<b>11,100</b>			<b>0</b>			<b>11,100</b>

84 x 50 court main  
 2-less than 84 x 50 cross courts  
 delete stage add sf to gym?  
 seating capacity on two sides  
 ohcd for concessions to corridor

NOTE 1: Student capacity determines SF allowed. 350-450: 7000 SF; 451-600: 8000 SF; 601-750: 8500 SF  
 NOTE 2: Student capacity determines SF allowed. 350-450: 600 SF; 451-600: 600 SF; 601-750: 650 SF  
 NOTE 3: Student capacity determines SF allowed. 350-450: 300 SF; 451-600: 325 SF; 601-750: 500 SF

Fremont MS  
**STUDENT DINING SPACES**  
**M-SD**

CHAPTER 2: BRACKETING

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-SD-1	Student Dining	1	3,000	3,000	1	3,000	3,000	1	3,750	3,750
M-SD-2	Stage	1	900	900	1	<b>1,050</b>	<b>1,050</b>	1	<b>1,382</b>	<b>1,382</b>
M-SD-3	Staff Dining	0	200	0	0	250	0	1	300	300
M-SD-4	Table Storage	1	250	250	1	250	250	1	300	300
<b>Student Dining Total</b>				<b>4,150</b>			<b>4,300</b>			<b>5,732</b>

WORKSHEET		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-SD-1	Student Dining - note 1	1	4,415	4,415	0	0	0	1	varies	4,415
M-SD-2	Stage	1	1,800	1,800	0	0	0	1	varies	1,800
M-SD-3	Staff Dining - note 2	1	300	300	0	0	0	1	varies	300
M-SD-4	Table Storage - note 3	1	300	300	0	0	0	1	varies	300
<b>Student Dining Total</b>				<b>6,815</b>			<b>0</b>			<b>6,815</b>

like seneca tiered floor  
 exg holds 885  
 ballpark 450 for performance  
 2100 sf exg

NOTE 1: The size of the student dining space is equal to one-third of the student capacity multiplied by 15 SF per student or 3000 SF, whichever is greater.

NOTE 2: Student capacity determines SF allowed. 350-450: 200 SF; 451-600: 250 SF; 601-750: 300 SF

NOTE 3: Student capacity determines SF allowed. 350-600: 250 SF; 601-750: 300 SF

**Fremont MS**  
**FOOD SERVICE SPACES**  
**M-FS**

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-FS-0	Warming Kitchen	0	900	0	1,200	0	0	1,500	0	
M-FS-1	Kitchen (total)	1		1		2,100	1		2,625	
M-FS-1a	Preparation Area		567		756			945		
M-FS-1b	Serving Area		536		714			893		
M-FS-1c	Dry Food Storage		173		231			289		
M-FS-1d	Cooler/Freezer		158		210			263		
M-FS-1e	Ware Washing		142		189			236		
M-FS-2	Dietician Office	1	75	75	1	75	75	1	75	
M-FS-3	Restroom	1	50	50	1	50	50	1	50	
M-FS-4	Locker Room	1	125	125	1	125	125	1	125	
<b>Food Service Total</b>			<b>1,825</b>		<b>2,350</b>		<b>2,875</b>			

WORKSHEET		New SF			Existing SF			TOTAL SF		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-FS-0	Warming Kitchen	0	1,766	0	0	0	0	varies	0	
M-FS-1	Kitchen (total)	1		3,091	0		0	1	3,091	
M-FS-1a	Preparation Area		1,113		0			varies		
M-FS-1b	Serving Area		1,051		0			varies		
M-FS-1c	Dry Food Storage		340		0			varies		
M-FS-1d	Cooler/Freezer		309		0			varies		
M-FS-1e	Ware Washing		278		0			varies		
M-FS-2	Dietician Office	1	75	75	0	0	0	1	75	
M-FS-3	Restroom	1	50	50	0	0	0	1	50	
M-FS-4	Locker Room	1	125	125	0	0	0	1	125	
<b>Food Service Total</b>			<b>3,341</b>		<b>0</b>		<b>0</b>		<b>3,341</b>	

See Notes 7 and 8.  
 See Notes 1 and 8.  
 See Note 2.  
 See Note 3.  
 See Note 4.  
 See Note 5.  
 See Note 6.

- NOTE 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.
- NOTE 2: The size of the preparation area is equal to the student capacity multiplied by 3.5 SF per student multiplied by 36%.
- NOTE 3: The size of the serving area is equal to the student capacity multiplied by 3.5 SF per student multiplied by 34%.
- NOTE 4: The size of the dry food storage area is equal to the student capacity multiplied by 3.5 SF per student multiplied by 11%.
- NOTE 5: The size of the cooler/freezer area is equal to the student capacity multiplied by 3.5 SF per student multiplied by 10%.
- NOTE 6: The size of the ware washing area is equal to the student capacity multiplied by 3.5 SF per student multiplied by 9%.
- NOTE 7: The size of the warming kitchen is equal to student capacity multiplied by 2.0 SF per student.
- NOTE 8: Only one of the two kitchens is to be used - either M-FS-0 OR M-FS-1 - not both.

CHAPTER 2: BRACKETING

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

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

<b>WORKSHEET</b>		<b>New SF</b>			<b>Existing SF</b>			<b>TOTAL SF</b>		
<b>Space</b>		<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>	<b>Qty</b>	<b>SF</b>	<b>Area</b>
M-CU-1	Workroom - note 1	1	400	400	0	0	0	1	varies	400
M-CU-2	Custodial Office	0	100	0	0	0	0	0	varies	0
<b>Custodial Total</b>				<b>400</b>			<b>0</b>			<b>400</b>

NOTE 1: Student capacity determines SF allowed. 350-450: 200 SF; 451-600: 300 SF; 601-750: 400 SF

**BUILDING SERVICES SPACES**

**M-BS**

The following is an example of three sizes of middle schools.  
 The examples are intended to assist in the development of the summary of spaces.

EXAMPLE		450 Students			600 Students			750 Students		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-BS-1 Large Group Restrooms	-	1,619	1,619	-	2,042	2,042	-	2,519	2,519	
M-BS-2 Custodial Closet	2	50	100	3	50	150	4	50	200	
M-BS-3 Electrical Closet	2	50	100	3	50	150	4	50	200	
M-BS-4 Telecommunications Room (TR)	2	64	128	3	64	192	4	64	256	
M-BS-5 Corridors	-	<b>9,251</b>	<b>9,251</b>	-	<b>11,671</b>	<b>11,671</b>	-	<b>14,393</b>	<b>14,393</b>	
M-BS-6 Mechanical/Electrical Space/Decks	-	<b>3,192</b>	<b>3,192</b>	-	4,026	4,026	-	<b>4,966</b>	<b>4,966</b>	
M-BS-7 Outdoor Storage Area	1	150	150	1	200	200	1	250	250	
M-BS-8 Central Storage Area	1	300	300	1	325	325	1	400	400	
M-BS-9 Loading/Receiving Area	1	120	120	1	120	120	1	120	120	
<b>M-BS-10 Restroom</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>0</b>	
<b>Building Services Total</b>			<b>14,960</b>			<b>18,876</b>			<b>23,304</b>	

WORKSHEET		New SF			Existing SF			TOTAL SF		
Space	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
M-BS-1 Large Group Restrooms	-	2,975	2,975	-	0	0	-	varies	2,975	
M-BS-2 Custodial Closet	4	50	200	0	0	0	4	varies	200	
M-BS-3 Electrical Closet	4	50	200	0	0	0	4	varies	200	
M-BS-4 Telecommunications Room (TR)	4	64	256	0	0	0	4	varies	256	
M-BS-5 Corridors	-	17,003	17,003	-	0	0	-	varies	17,003	
Vertical Circulation	-	1,110	1,110	-	0	0	-	varies	1,110	
M-BS-6 Mechanical/Electrical Space/Decks	-	5,866	5,866	-	0	0	-	varies	5,866	
M-BS-7 Outdoor Storage Area	1	250	250	0	0	0	1	varies	250	
M-BS-8 Central Storage Area	1	400	400	0	0	0	1	varies	400	
M-BS-9 Loading/Receiving Area	0	120	0	0	0	0	0	varies	0	
<b>M-BS-10 Restroom</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>varies</b>	<b>0</b>	
<b>Building Services Total</b>			<b>28,260</b>			<b>0</b>			<b>28,260</b>	

See Note 1. larger rr for girls

See Note 7.

See Note 2.

See Note 6.

See Note 3.

See Note 4.

See Note 5.

- NOTE 1: The total size of large group restrooms is equal to the sum of the program areas, excluding building services, multiplied by 3.5%.
- NOTE 2: The total size of the corridors is equal to the sum of the program areas, excluding building services, multiplied by 20%.
- NOTE 3: The total size of the mechanical/electrical space/decks is equal to the sum of the program areas, excluding building services, multiplied by 6.9%.
- NOTE 4: Student capacity determines SF allowed. 350-450: 150 SF; 451-600: 200 SF; 601-750: 250 SF
- NOTE 5: Student capacity determines SF allowed. 350-450: 300 SF; 451-600: 325 SF; 601-750: 400 SF
- NOTE 6: Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room.
- NOTE 7: Size of the TR varies withsize of middle school. See page 5113-7.