FINAL DESIGN PROGRAM

EDUCATIONAL SPACE SUMMARY W/ NARRATIVE

## **EDUCATIONAL SPACE SUMMARY NARRATIVE**

These notes accompany the Proposed Space Summary dated June 30, 2021, for the Northeast Metropolitan Regional Vocational High School as part of the Schematic Design Report, to explain the changes from the previous Space Summary submitted to the MSBA as part of the Preferred Schematic Report.

Please note that, in general, only minor changes have been made to the Space Summary form, all of which result from either: minor design revisions, slight programmatic adjustments based upon further input from the District's administrators and faculty, or comments from the MSBA. These minor adjustments have resulted in a reduction of Gross Floor Area (GFA) by 1,620 square feet: from 388,250 sf to 386,630 sf. It should be noted that this variance includes a reduction of over 7,000 sf resulting from the removal of the proposed out-buildings (Garage, Concessions, Toilets, etc.) from the Space Summary form as directed by the MSBA in their review comments to the Preferred Schematic Report. The other variances are as noted below.

#### MODIFICATIONS TO THE MSBA STANDARD TEMPLATE

As per an earlier discussion with MSBA staff, certain modifications to the MSBA Guidelines column on the Space Summary template were made and submitted as part of the Preferred Schematic Report. Those modifications were highlighted and explained with the PSR submission. They consisted primarily of adjusting the guidelines based upon Full-Time Equivalent student enrollment and adjusting the Grossing Factor to be 1.50. These modifications were reviewed and accepted by the MSBA at that time. No further modifications have been made to the MSBA's Space Summary template for this project since that time.

# VARIANCES from the previous PROPOSED SPACE SUMMARY dated 12/21/2020, submitted with the Preferred Schematic Report dated December 23, 2020:

Please note that, in general, significant variances (generally greater than 5%) in the "PROPOSED" column between this current version and the previous version of the Space Summary have been highlighted in BOLD and shaded in light gray on the form. Variances are noted in the following categories:

#### **Core Academic Spaces**

This category of space has increased by 1,570 square feet (3%) from a total of 50,420 square feet to 51,990 sf, primarily due to the inclusion of the Health Classroom (750 sf) in this category (versus the Health & Physical Education category) as directed by the MSBA, and other minor layout and design revisions.

Line 4 Teacher Planning: The total area of 3,600 sf has remained basically unchanged (3,575). Due to the revised configuration of Small Learning Communities and classroom clusters, the number of rooms has decreased from 4 rooms to 3 rooms. Square footage of each room has been redistributed to approximately 1,200 SF per room.

Line 5 Small Group Seminar/ Collaborative space: The total area of 2,000 sf has remained basically unchanged (1,990). Due to the revised configuration of Small Learning Communities and classroom clusters, the number of spaces has decreased from 8 rooms to 3. The Square footage of each room has been redistributed to 663 SF per room.



Line **7, Science Prep Room:** The total area of 1,600 sf has remained basically unchanged (1,700). Science Classrooms have been paired to allow classrooms to share Preparation Rooms. The number of rooms has decreased from 8 to 4 rooms. Square footage of each room has been redistributed to 425 SF per room.

Line **10**, **Health Classroom**: As noted above, this space was re-categorized from Health/ Physical Education to Core Academic at the request of MSBA. The size of the space has not changed.

#### **Special Education**

This category of space has increased by 300 square feet (4%) from a total of 6,770 square feet to 7,070 sf due to inclusions of two Adjustment Counselors offices on Line 19. These two offices were previously listed with "Guidance" in the Administration and Guidance category, but upon review by the District's administration and Special Education Director it was identified that since these two Counselors primarily serve the special needs students, it is more appropriate to list them in the Special Education category.

Otherwise, the remaining spaces in this category remain the same as shown in the Preferred Schematic Report.

#### Art & Music

There has been no change to this category.

#### **Vocations & Technology**

This category of space has been minimally increased by 1,548 sf (1%) from 126,207 square feet to 127,755. This is primarily due to minor layout and design revisions.

It should also be noted that the "MSBA Guidelines" column for this category has also been slightly adjusted from 125,857 sf to 127,620 sf based upon the District's updated Chapter 74 Viability Document submission. This submission updated and fine-tuned the expected enrollment distribution in each Ch.74 program based upon the projected total enrollment of 1,600 students. The previous Space Summary form used a pro-rata calculation of each shop's enrollment based on a total of 1,722 students, and due to rounding the areas were slightly different. Also, for those Ch. 74 programs with low enrollments, their shop size was slightly affected by the size of the Freshmen Exploratory classes.

Line **37, Business Office Technology**: Has increased from 2,567 sf to 3,180 as it now includes the space for the Branch Bank, which is a part of their program.

Line **52, Marketing**: Has increased from 2,493 sf to 2,975 as it now includes the space for the School Store, which is a part of their program.

#### **Health & Physical Education**

This category of space has increased by 590 sf (2%) from 25,160 square feet to 25,750 sf due to minor layout and design revisions and slight programmatic adjustments.

Line 59 Locker Rooms: has been reduced by 575 sf from 6,290 sf to 5,715 square feet; while:



Line 60, Satellite Locker Rooms: has been increased by 1,165 sf from 1,560 sf to 2,725 sf.

Line 63 Officials/Trans Locker: 80 square feet has been added to provide a space for visiting officials that could also be utilized as a gender neutral changing room.

#### **Media Center**

This category of space has increased by 255 sf (5%) from 5,200 square feet to 5,455 sf due to design revisions. The Library Media Center was shifted from the center of the school to the southeastern corner as part of the design revision to reduce the building's footprint, shift the main entrance, and increase the height from three to four stories.

This category has the same programmatic breakdown of spaces, with only minor area adjustments to each.

#### **Auditorium / Drama**

This category of space has increased by 105 sf (1%) from 10,400 square feet to 10,505 sf due to minor layout and design revisions. The seating capacity remains 750 seats.

#### **Dining & Food Service**

This category of space has been reduced by 120 sf (1%) from 13,300 square feet to 13,180 sf due to the elimination of a second dining area with a satellite kitchen and serving area. Therefore:

Line 83: Scramble Serving Area: has increased from 600 sf to 1,025 square feet.

Line 84: Satellite Serving Area: has decreased from 300 sf to 0 square feet.

Line 85: Kitchen: has increased from 2,600 sf to 3,035 square feet.

Line **86: Satellite Kitchen:** has decreased from 600 sf to 0 square feet.

#### Medical

This category of space has been reduced by 70 sf (5%) from 1,410 square feet to 1,340 sf due to minor layout and design revisions.

Line 90, Nurses Office, Waiting Room: has been reduced from 740 sf to 575 sf due to design revisions.

Line 92, Resting: has been clarified as one space (with four beds) versus four spaces

#### **Administration & Guidance**

This category of space has been reduced by 125 sf (1%) from 8,780 square feet to 8,655 sf due to minor programmatic changes and layout revisions as follows:



Line 102: Assistant Principal's Offices et al: The Co-Op Director's office has been added increasing this line by 170 square feet.

Line 107 Conference Rooms: this line has increased from 900 sf to 970 sf and has been allocated to 3 conference rooms in lieu of 2.

Line 108: Guidance Offices: this line has decreased from 1,500 sf to 1,260 sf reflecting the reduction from 10 counselors to 8. 2 Counselors were shifted to the Special Education category and more properly identified as **Adjustment Counselors** 

Line 109: Guidance Waiting: was deleted resulting in a decrease of 100 sf.

Line **110**: **Guidance Workroom**: has increased from 100 sf to 125 square feet.

#### **Custodial & Maintenance**

This category of space has increased by 200 sf (5%) from 3,950 square feet to 4,150 sf due to minor layout and design revisions. including:

Line **121: Custodian's Workshop:** has increased from 375 sf to 475 square feet.

Line 124: Receiving & General Supply: has increased from 1,100 sf to 1,285 square feet and been allocated to 3 spaces in lieu of 2.

Line 125: Storeroom: has decreased from 1,350 sf to 1,305 square feet and been allocated to 4 spaces in lieu of 1.

### Other

This category of space has been significantly reduced by 5,335 sf (74%) from 7,235 square feet to 1,900 sf due to the removal of the District's proposed out-buildings from this category. This includes:

Line 136: Maintenance Garage: reduced from 1,800 sf to 0 sf

Line 137: Field Maintenance Garage/ Satellite Locker Room: reduced from 1,560 sf to 0 sf

Line 138: Concessions/ Public Toilets: reduced from 1,400 sf to 0 sf

Also, the Branch Bank and School Store were more properly classified with their vocational programs, Business and Marketing, resulting in:

Line 129: Bank: reduced from 300 sf to 0 sf

Line 130: School Store: reduced from 300 sf to 0 sf

# **Total Building Net Floor Area**

The Total Building Net Floor Area (NFA) has decreased from 258,832 square feet to 257,750 sf as a result of the above revisions.

# **Proposed Student Capacity/Enrollment**

The Proposed Student Capacity/Enrollment remains at 1,600 total students, with a Full-Time Equivalent enrollment of 848 as agreed upon by the MSBA.

# **Non-Programmed Spaces**

These areas have now been added to the Space Summary Form as required for the Schematic Design Submittal.

# **Total Building Gross Floor Area**

The Total Building Gross Floor Area (GFA) has decreased by 1,620 sf (0.4%) from 388,248 square feet to 386,630 sf as a result of the above revisions.

The grossing factor remains unchanged at 1.50.

1	.60	0	Stua	lents

Date: 2/12/2021 Schematic Design

Date	: 2/12/2021	Schematic Design
	MSBA	Guidelines

see also accompanying Notes to Space Summary for high  ROOM # DE PMS area totals	
See also accompanying Notes to Space Summary for high ROOM	
ROOM   # OF RMS   area totals   ROOM   NFA   # OF RMS   area totals   Co	ilighted revis
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<b>Northeast Metro Tech</b>	Ex	sting Conditi	ons
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals
CORE ACADEMIC SPACES			29,600
(List classrooms of different sizes separately)			
Classroom - General	797	26	20,71
Teacher Planning/ Workrooms 136, 136A, 210	253	3	76
Small Group Seminar/ Collaborative Space	4.040	4	4.04
Science Classroom / Lab Prep Room	1,340 280	1	1,34
Science Classrooms incl STEM	814	8	6,51
Central Chemical Storage Rm	0	0	0,51
Health CR/ Team Meeting Room	0	U	,
Language Lab/ Distance Learning	0	0	
SPECIAL EDUCATION			2,900
(List classrooms of different sizes separately)			
Self-Contained SPED			
Self-Contained SPED Toilet			
Resource Room - 124E,127C Learning Center	115	2	23
Small Group Room - 124D <b>Academic Support</b> Reading, Speech, ELL	160	1	16
Tutorial/ Assessment, Psychologist	100	I	160
Adjustment Counselors			
SpEd Office - 124A,124B,124C,126B,127B Dir+2 asst.	206	5	1,030
SpEd Conference Room	200	3	1,000
SpEd Classrooms - 126A,127A	740	2	1,480
- 1267,1277	7-10		1,10
ART & MUSIC			0
Art Classroom - 25 seats			
Art Workroom w/ Storage & kiln			
Band - 50 - 100 seats			
Chorus - 50 - 100 seats			
Ensemble			
Music Practice			
Music Storage			
VOCATIONS & TECHNICION			24.742
VOCATIONS & TECHNOLOGY			94,540
Technology/Engineering Rooms- PLTW			
Automotive Collision Repair (incl. Rel CR, typ.)			9,19
Automotive Technology	nk)		10,09
Business Office Technology (2200sf min; incl Ba	rik)		4,24
Carpentry			8,520
Cosmetology Culinary Arts			3,920 5,120
Dental Assisting			1,620
Design & Visual Communications			7,17
Drafting & Design			4,460
Early Childhood Education (1500sf min)			2,80
			7,79
Electrical Technology			4,16
Electrical Technology Health Assisting		I	6,12
Health Assisting			7,120
Health Assisting HVAC Technology			7,120 8,160
Health Assisting HVAC Technology Metal Fabrication			
Health Assisting HVAC Technology Metal Fabrication Plumbing & Pipefitting			8,16
Health Assisting HVAC Technology Metal Fabrication Plumbing & Pipefitting Robotics & Automation			8,16
Health Assisting HVAC Technology Metal Fabrication Plumbing & Pipefitting Robotics & Automation new-Biotechnology			8,16
Health Assisting HVAC Technology Metal Fabrication Plumbing & Pipefitting Robotics & Automation new-Biotechnology new-Marketing (2200sf min; incl Store) new-Medical Assisting			8,16i 4,06i
Health Assisting HVAC Technology Metal Fabrication Plumbing & Pipefitting Robotics & Automation new-Biotechnology new-Marketing (2200sf min; incl Store) new-Medical Assisting			8,160 4,060 14,150
Health Assisting HVAC Technology Metal Fabrication Plumbing & Pipefitting Robotics & Automation new-Biotechnology new-Marketing (2200sf min; incl Store) new-Medical Assisting  HEALTH & PHYSICAL EDUCATION Gymnasium - 174	8,110	1	8,16 4,06 14,150 8,11
Health Assisting HVAC Technology Metal Fabrication Plumbing & Pipefitting Robotics & Automation new-Biotechnology new-Marketing (2200sf min; incl Store) new-Medical Assisting	8,110 1,140 120	1 1 1	8,160 4,060 14,150

ROOM   # OF RMS   area totals   ROOM   NFA     # OF RMS   area totals   ROOM   NFA       # OF RMS					PROPOSED			
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3,180 1 3,180 10,280 1 10,280 5,890 1 5,890 6,000 1 6,000 6,500 1 5,240 4,580 1 4,580 2,060 1 2,060 12,335 1 12,335 5,790 1 5,790 9,140 1 9,140 7,400 1 7,400 8,665 1 8,665 5,175 1 5,175 5,135 1 5,135 2,975 1 2,975 5,780 1 5,780							1	<b>7,580</b> 12,615
10,280     1     10,280       5,890     1     5,890       6,000     1     6,000       6,500     1     6,500       5,240     1     5,240       4,580     1     4,580       2,060     1     2,060       12,335     1     12,335       5,790     1     5,790       9,140     1     9,140       7,400     1     7,400       8,665     1     8,665       5,175     1     5,175       5,135     1     5,135       2,975     1     2,975       5,780     1     5,780							1	3,180
5,890     1     5,890       6,000     1     6,000       6,500     1     6,500       5,240     1     5,240       4,580     1     4,580       2,060     1     2,060       12,335     1     12,335       5,790     1     5,790       9,140     1     9,140       7,400     1     7,400       8,665     1     8,665       5,175     1     5,175       5,135     1     5,135       2,975     1     2,975       5,780     1     5,780							1	10,280
6,500 1 6,500 5,240 1 5,240 4,580 1 4,580 2,060 1 2,060 12,335 1 12,335 5,790 1 5,790 9,140 1 9,140 7,400 1 7,400 8,665 1 8,665 5,175 1 5,175 5,135 1 5,135 2,975 1 2,975 5,780 1 5,780							1	5,890
5,240     1     5,240       4,580     1     4,580       2,060     1     2,060       12,335     1     12,335       5,790     1     5,790       9,140     1     9,140       7,400     1     7,400       8,665     1     8,665       5,175     1     5,175       5,135     1     5,135       2,975     1     2,975       5,780     1     5,780				6,000	1		1	6,000
4,580     1     4,580       2,060     1     2,060       12,335     1     12,335       5,790     1     5,790       9,140     1     9,140       7,400     1     7,400       8,665     1     8,665       5,175     1     5,175       5,135     1     5,135       2,975     1     2,975       5,780     1     5,780							1	6,500
2,060     1     2,060       12,335     1     12,335       5,790     1     5,790       9,140     1     9,140       7,400     1     7,400       8,665     1     8,665       5,175     1     5,175       5,135     1     5,135       2,975     1     2,975       5,780     1     5,780							1	5,240
12,335 1 12,335 5,790 1 5,790 9,140 1 9,140 7,400 1 7,400 8,665 1 8,665 5,175 1 5,175 5,135 1 5,135 2,975 1 2,975 5,780 1 5,780							1	4,580 <b>2,060</b>
5,790     1     5,790       9,140     1     9,140       7,400     1     7,400       8,665     1     8,665       5,175     1     5,175       5,135     1     5,135       2,975     1     2,975       5,780     1     5,780						1	1	12,335
9,140     1     9,140       7,400     1     7,400       8,665     1     8,665       5,175     1     5,175       5,135     1     5,135       2,975     1     2,975       5,780     1     5,780							1	5,790
8,665     1     8,665       5,175     1     5,175       5,135     1     5,135       2,975     1     2,975       5,780     1     5,780       0     25,750							1	9,140
5,175     1     5,175       5,135     1     5,135       2,975     1     2,975       5,780     1     5,780       0     25,750				7,400	1	7,400	1	7,400
5,135     1     5,135       2,975     1     2,975       5,780     1     5,780       0     25,750							1	8,665
2,975     1     2,975       5,780     1     5,780       0     25,750							1	5,175
5,780 1 5,780 0 25,750							1	5,135
0 25,750							1	<b>2,975</b> 5,780
				0,100	-	3,760	'	3,700
0 12,375 1 12,375			0			25,750		25,750
				12,375		12,375	1	12,375
0 1,493 2 2,985			1				 2	2,985
0 495 1 495 0 2,858 2 5,715							1 2	495 5,715

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Date: 2/12/2021	Schematic Design
MSBA	Guidelines

	e to MSBA	Guidelines
1		
OM A1	# OF RMS	area totals
	0	(225)
	0	20
	1	80
	3	490
		255
	0	(1,050)
	0	320
	1	160
	1	350 475
	<u> </u>	105
	0	
	0	10
	0	80
	0	5
	0	35
		480
1	0	(10)
	0	(50)
	0	425
	0	-
1	0	135
	0	
l	0	(20) - <b>70</b>
	1	
	2	325
	-1	(40)
	-6	(440)
		2,860
	3	(120)
	0	-
_	0	_
4	0	
	0	
	1	
	2	320
	3	365
	7	840
	1	120
	1	340
	2 0	
	-1	(100)
	0	-
4	0	
$\dashv$	0	
		1,325
	0	(10)
J	0	
	0	(45)

Northeast Metro Tech	Ex	isting Condit	ions
DOOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals
ROOM TYPE Satelite Locker Rooms			
Phys. Ed. Storage & Closets - 172G,172H, 172N,	115	2	23
Athletic Director's Office - 172C	140	1	14
Officials/ Trans Locker Rm w/ Shower & Toilet			
PE Instructor & Coach Offices w/ Shower & Toile	115	2	23
Health CR/ Team Mtg. Rm (see Core Academic)			
Trainer 172I	240	1	24
MEDIA CENTER  Media Center / Reading Room 174A	2,150	1	<b>2,910</b> 2,15
Workroom 174C	400	1	40
Office, Conf.,printer- 174B,174D, 174E	120	3	36
Small Group Rooms			
Project Room/ <b>TV studio</b> / Storage			
AUDITORIUM / DRAMA			1,630
(Auditorium) Presentation/ Performance Space			
Stage - 119B	1,510	1	1,51
Auditorium Storage - 119T	120	1	12
Make-up / Dressing/ Green Rooms			
Controls / Lighting / Projection			
DINING & FOOD SERVICE			12,280
Cafeteria / Student Lounge / Break-out - 119A	7,440	1	7,44
Chair / Table Storage - 119S,119U, 119V	300	1	30
Scramble Serving Area - 119P	420	1	42
Satelite Serving Area			
Kitchen - 119C, 119D, 119E, 119F, 119G, 119H,	4,120	1	4,12
Satelite Kitchen			
Staff Lunch Room		0	
MEDICAL  Medical Suite Toilets - 178D, 178E	45	2	800
Nurses' Office / Waiting Room 178A, 178B	650	1	65
Interview/ Exam Room	0	0	00
Resting	30	2	6
ADMINISTRATION & GUIDANCE			7,410
General Office / Waiting / Tlt 175,175A,175H, 129	870	1	87
Teachers' Mail and Time Room 175K ??	240	1	24
Duplicating Room  Records Room (Vault) 175E	190	1	40
, ,	360	1	19
Principal's Office w/ Conf. Area & Tlt - 175F, 1750 Principal's Secretary / Waiting - 175M	70	1	7
Assistant Principal's Office - AP1 - 101,101B	470	1	47
Assistant Principal's Offices - Voc.Deans, Academic Prog. Coordinator, Co-Op 175R,	123	3	37
Supervisory & Paraprofessional Offices; incl:	455	_	
Attendance, Reception 175B, 175C, 175D, 183  Department Head Offices 163B, 187A, 187B,	155	4	62
187C,188, 189, 201A	134	7	94
Safety Resource Officer	100 340	1	10 34
In-House Suspension 139 Conference Rooms - 175N, 180	440	2	88
Guidance/ Adj, Diversity Offices - 1750,175Q,175	126	8	1,01
Guidance Waiting Room - 175P Guidance Storeroom	280	0	28
Career Center/ Classroom - 112	670	1	67
Records Room			
Teachers' Work Rm, Dig.Lrn'g Mgr(w/ Media Ctr)			
<del></del>			
CUSTODIAL & MAINTENANCE			9,950
Custodian's Office - 137G, 019FB	230	2	46
Custodian's Workshop & Toilet - 137, 137G	2,240 35	1 12	2,24

			-	PROPOSED				
Existing	g to Remain/Re	enovated		New			Total	
ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals
			1,363	2	2,725		2	2,725
		0	275	1	275		1	275
		0	170	1	170		1	170
			80	1	80		1	80
		0	185	4	740		4	740
			190	1	190	+	1	190
		0	190	, I	5,455	'	•	5,455
		0	4,150	1	4,150		1	4,150
		0	320	1	320			320
			160	1	160		1	160
			117	3	350		3	350
			475	1	475		1	475
		0			10,505			10,505
		0	7,475	1	7,475		1	7,47
		0	1,610	1	1,610		1	1,610
		0	580 303	1 2	580 605		1 2	580 605
		0	235	1	235		1	23
		3	200		200			200
		0			13,180			13,180
		0	7,990	1	7,990		1	7,990
		0	500	1	500		1	500
		0	1,025	1	1,025		1	1,02
			300	0	0		0	(
		0	3,035	1	3,035		1	3,03
		0	600	0	630		0	630
		0	030	l	1,340			1,340
		0	73	2	145		2	145
		0	192	3	575		3	575
		0	120	3	360		3	360
		0	260	1	260		1	260
		0			8,655			8,655
		0	170	4	680		4	680
		0	100	1	100		1	100
		0	240	1	240 200		1	240
		0	255	1	255		1	255
		0	130	1	130		1	130
		0	153	2	305		2	309
		0	155	4	620		4	620
				4			4	
		0	121	4	485		4	48
		0	120	7	840		7	840
		0	120 340	1	120 340		1	120 340
		0	323	3	970		3	970
		0	158	8	1,260		8	1,260
		0	100 100	0	0 100		0	100
		U	985	1	985		1	988
		]	225	1	225		1	225
			800	1	800		1	800
		]						
		0			4,150			4,150
		0	140	1	140		1	140
		0	475 330	1	475 330		1	475 330

Students

# Proposed Space Summary - High Schools

Northeast Metro Tech	Ex	isting Conditi	ons
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals
Recycling Room / Trash - 1190	80	1	80
Receiving and General Supply - 137A, 137E	725	2	1,450
Storeroom - 137B, 137C, 137D, 137E, 137F, 011	164	7	1,150
Network - Telecom Room & Offices - 177A, 77B,1	216	5	1,080
Maintenance Storage & Staff Lunch / Lounge - 18	439	7	3,070
OTHER			9,980
Other (specify): Bank 192G (Bus. Tech)	80	1	80
School Store (Marketing)			
Adult Ed Offices & Storage 185, 185A, 186, 186A	90	5	450
Superintendent's Office & Tlt - 178A	470	1	470
Superintendent's Assistant			
Business Office suite, HR 175AA,175BB,175CC,1	150	7	1,050
Maintenance Garage (out-building)			
Field Maint. Garage & Stor.(Sat.Locker Rm.)(out-l	oldg)		
Concession/ Public Toilets (out-building)			
Pool, Office, Storage, & Mechanical	7,930	1	7,93
Total Building Net Floor Area (NFA)			186,150
Proposed Student Capacity / Enrollment			
NON-PROGRAMMED SPACES			
Other Occupied Rooms (list separately)			
Vocational Offices (non Ch.74 space)			
Unoccupied MEP/FP Spaces			
Unoccupied Closets, Supply Rooms & Storage			
Rooms			
Toilet Rooms			
Circulation (corridors, stairs, ramps & elevators)			
Remaining <sup>3</sup>			
Tomaring			
Total Building Gross Floor Area (GFA) <sup>2</sup>			239,444
			200,774
(excluding outbuildings)			1.29
Grossing factor (GFA/NFA)			

				PROPOSED	I			
	Total		New			Existing to Remain/Renovated		
area totals	# OF RMS	ROOM NFA <sup>1</sup>	area totals	# OF RMS	ROOM NFA <sup>1</sup>	area totals	# OF RMS	ROOM NFA <sup>1</sup>
360	1		360	1	360	0		
1,285	3		1,285	3	428	0		
1,305	4		1,305	4	326	0		
255	1		255	1	200	0		
4 000			0	0	0			
1,900 0	0		1,900	0	600	0		
0	0		0	0	300	U		
455	1		455	1	455	† <b> </b>		
260	1		260	1	260			
125	1		125	1	125			
1,060	7		1,060	7	151			
0	0		0	0	1,800		1	
0	0		0	0	2.725		-	
0	0		0	0	1,400			
0	0		0	0	0		-	
257,750			257,750			0		
128,880	% of GFA		128,880	% of GFA		0	% of GFA	
0	0%			0%			#DIV/0!	
0	0%			0%			#DIV/0!	
2,560	1%		2,560	1%			#DIV/0!	
0	0%			0%			#DIV/0!	
10,280	3%		10,280	3%			#DIV/0!	
725	0%		725	0%			#DIV/0!	
4,375	1%		4,375	1%			#DIV/0!	
77,430	20%		77,430	20%			#DIV/0!	
33,510	9%		33,510	9%		0	#DIV/0!	
386,630			386,630			0		
			,			U		
1.50		<del></del>	1.50			-	1	<u></u>

				<b>-</b>	Date:	2/12/2021	Schematic Design			
Difference to MSBA Guidelines				MSBA Guidelines						
				(refer to MSBA Educational Program & Space Standard Guidelines) see also accompanying Notes to Space Summary for highlighted revisions						
ROOM NFA1	# OF RMS	area totals		ROOM NFA <sup>1</sup>	# OF RMS	area totals	Comments			
	0			400	1	400				
	2	735		550	1	550				
	3	405 55		900 200	1	900				
	U	55		200	l	200				
		1,900				0				
	0	-								
	0	- 455								
	1	260								
	1	125								
	7	1,060								
	0	-								
	0	_								
	0	-								
		4,210				253,540				
		Full-T	ime-Fa	L uivalent Acade	emic students:	848	162			
			29		Total students	1,600	225			
						•				
							Non-Programmed space areas are			
							required to be included in the			
							following submittals:			
							Schematic Design Submittal			
							Design Development Submittal			
							60% Construction Documents			
							90% Construction Documents			
							Final Construction Documents			
		6,320				380,310	360,000			
						1.50	1.50			
						1.50	1.00			

1,600

63	individual Room Net Floor Area (NFA)	net square								
64										
65										
66 <b>2</b>	Total Building Gross Floor Area (GFA)	Includes the entire building gross square footage measured from the outside face of exterior walls								
67										
68 <b>3</b>	Remaining	Includes exterior walls, interior partitions, chases, and other areas not listed above. Do not calculate this area, it is assumed to equal the difference between the Total Building Gross Floor Area and area not accounted for above.								
69										
70	Architect Certification									
71		I hereby								
72										
73										
74		Name of Architect Firm:	Drummey Rosane Anderson, Inc.							
75										
76		Name of Principal Architect:	Carl Franceschi Carl Francesch	<u>-</u>						
77										
78		Signature of Principal Architect:	Cut fund	_						
79										
80		Date:	6/30/2021							