

SPACE SUMMARY

UPDATED SPACE SUMMARY

6A.3.2 - 01

1,600 *Students*

Northeast Metro Tech	Existing Conditions		
	ROOM NFA ¹	# OF RMS	area totals
ROOM TYPE			
CORE ACADEMIC SPACES			29,600
(List classrooms of different sizes separately)			
Classroom - General	797	26	20,710
Teacher Planning/ Workrooms-- 136, 136A, 210	253	3	760
Small Group Seminar/ Collaborative Space			
Science Classroom / Lab	1,340	1	1,340
Prep Room	280	1	280
Science Classrooms incl STEM	814	8	6,510
Central Chemical Storage Rm	0	0	0
Health CR/ Team Meeting Room			
Language Lab/ Distance Learning	0	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	230
Small Group Room - 124D Academic Support			
Reading, Speech, ELL	160	1	160
Tutorial/ Assessment, Psychologist			
Adjustment Counselors			
SpEd Office - 124A, 124B, 124C, 126B, 127B Dir+2 asst.	206	5	1,030
SpEd Conference Room			
SpEd Classrooms - 126A, 127A	740	2	1,480
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 & TECHNOLOGY			94,540
Technology/Engineering Rooms- PLTW			
Automotive Collision Repair (incl. Rel CR, typ.)			9,190
Automotive Technology			10,090
Business Office Technology (2200sf min; incl Bank)			4,240
Carpentry			8,520
Cosmetology			3,920
Culinary Arts			5,120
Dental Assisting			1,620
Design & Visual Communications			7,170
Drafting & Design			4,460
Early Childhood Education (1500sf min)			2,800
Electrical Technology			7,790
Health Assisting			4,160
HVAC Technology			6,120
Metal Fabrication			7,120
Plumbing & Pipefitting			8,160
Robotics & Automation			4,060
new-Biotechnology			
new-Marketing (2200sf min; incl Store)			
new-Medical Assisting			
HEALTH & PHYSICAL EDUCATION			14,150
Gymnasium - 174	8,110	1	8,110

Difference to MSBA Guidelines		
ROOM NFA1	# OF RMS	area totals
		5,350
	3	2,730
	-30	305
	-1	(10)
	0	550
	-4	85
	0	-
	0	10
	1	745
	1	935
		-1,990
	-6	(5,700)
	-6	(360)
	1	1,900
	1	500
		-6,700
	-2	(2,400)
	-2	(300)
	-1	(1,500)
	-1	(1,500)
	-1	(200)
	-4	(300)
	-1	(500)
		-110
	0	5
	0	(5)
	0	(35)
	0	(15)
	0	(170)
	0	135
	0	310
	0	-
	0	(90)
	0	(40)
	0	50
	0	(80)
	0	(125)
	0	(55)
	0	(30)
	0	110
	0	5
	0	(65)
	0	60
	0	(75)
		375
	0	10

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines) see also accompanying Notes to Space Summary for highlighted revisions			
ROOM NFA ¹	# OF RMS	area totals	Comments
		46,670	
850	33	28,050	825 SF min - 950 SF max
100	33	3,300	
500	4	2,000	
1,440	8	11,520	3 x85% ut=20 Seats-1 per /day/student
200	8	1,600	
200	1	200	
		9,060	
950	6	5,700	825-950 SF equal to surrounding classrooms
60	6	360	
500	3	1,500	1/2 size Genl. Clrm.
500	3	1,500	1/2 size Genl. Clrm.
		6,700	
1,200	2	2,400	Assumed use - 25% Population - 5 times/week
150	2	300	
1,500	1	1,500	Assumed use - 25% Population - 5 times/week
1,500	1	1,500	
200	1	200	
75	4	300	
500	1	500	
		127,620	
1,440	1	1,440	Assumed use - 100% Population - 5 times/week, 825 SF - 2,000 SF
7,520	1	7,520	
12,650	1	12,650	
3,190	1	3,190	
10,350	1	10,350	
5,750	1	5,750	
5,750	1	5,750	
6,500	1	6,500	
5,280	1	5,280	
4,620	1	4,620	
2,025	1	2,025	
12,375	1	12,375	
5,875	1	5,875	
9,200	1	9,200	
7,400	1	7,400	
8,550	1	8,550	
5,170	1	5,170	
5,170	1	5,170	
2,930	1	2,930	
5,875	1	5,875	
		25,160	Excess PE Spaces Policy
12,000	1	12,000	

Date: 2/12/2021 Schematic Design

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines) see also accompanying Notes to Space Summary for highlighted revisions			
ROOM NFA ¹	# OF RMS	area totals	Comments
3,000	1	3,000	5.6 sf/student total
300	1	300	
8,960	1	8,960	
500	1	500	
150	1	150	
250	1	250	
		5,200	
5,200	1	5,200	
		10,400	Excess Auditorium Spaces Policy
7,500	1	7,500	2/3 Enrollment @ 10 SF/Seat - 750 seats MAX
1,600	1	1,600	
500	1	500	
300	2	600	
200	1	200	
		12,700	
8,000	1	8,000	3 seatings - 15SF per seat
550	1	550	
600	1	600	
2,900	1	2,900	1600 SF for first 300 + 1 SF/student Add'l
650	1	650	20 SF/Occupant
		1,410	
60	1	60	
250	1	250	
100	4	400	
100	7	700	
		5,795	
800	1	800	
100	1	100	
200	1	200	
200	1	200	
375	1	375	
125	1	125	
150	1	150	
150	2	300	
120	1	120	
450	1	450	
150	8	1,200	
100	1	100	
100	1	100	
550	1	550	
225	1	225	
800	1	800	

Northeast Metro Tech		Existing Conditions	
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
CUSTODIAL & MAINTENANCE			9,950
Custodian's Office - 137G, 019FB	230	2	460
Custodian's Workshop & Toilet - 137, 137G	2,240	1	2,240
Custodian's Storage - 194A, 194B, 194C, 192C, 19	35	12	420
Recycling Room / Trash - 1190	80	1	80
Receiving and General Supply - 137A, 137E	725	2	1,450
Storeroom - 137B, 137C, 137D, 137E, 137F, 01	164	7	1,150
Network - Telecom Room & Offices - 177A, 177B	216	5	1,080
Maintenance Storage & Staff Lunch / Lounge - 1	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	150	7	1,050
Maintenance Garage (out-building)			
Field Maint. Garage & Stor.(Sat.Locker Rm.)(out-bldg)			
Concession/ Public Toilets (out-building)			
Pool, Office, Storage, & Mechanical	7,930	1	7,930
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 ³			
Total Building Gross Floor Area (GFA)² (excluding outbuildings)			239,444
Grossing factor (GFA/NFA)			1.29

Difference to MSBA Guidelines		
ROOM NFA1	# OF RMS	area totals
		1,350
	0	(10)
	0	225
	0	(45)
	0	(40)
	2	750
	3	415
	0	55
		1,870
	0	-
	0	-
	1	450
	1	255
	1	125
	7	1,040
	0	-
	0	-
	0	-
	0	-
		3,775
		Full-T
		6,320

Individual Room Net Floor Area (NFA)	net square
² Total Building Gross Floor Area (GFA)	Includes the entire building gross square footage measured from the outside face of exterior walls
³ 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.

Architect Certification

I hereby

Name of Architect Firm: Drummey Rosane Anderson, Inc.

Name of Principal Architect: Carl Franceschi

Signature of Principal Architect: 

Date: 8/17/2022