PREFERRED SOLUTION PREFERRED SOLUTION SPACE SUMMARY

Preliminary Notes to the Initial Space Summary
July 8, 2020

## Northeast Metro Tech

In the absence of an MSBA template for Career Technical Vocational Schools, DRA has taken the liberty to modify the MSBA Guidelines column of the "Proposed Space Summary- High Schools" template in the following ways:

1. In addition to the cell for "Proposed Student Capacity / Enrollment" (highlighted in yellow), a cell has been added for "Full- Time Equivalent (FTE) Academic Students". This modification is required in order to more accurately reflect the unique schedule of Northeast Metro Tech (and most all other CTE schools) and to more appropriately determine the academic space requirements.

At Northeast Metro Tech, students have an alternating schedule consisting of one week in traditional academic subjects (English, Math, Social Studies, Science, etc.) and one week in their Career Technical program ("shop"). During the academic week, students have a typical six-period day. During their shop week they spend the entire day in their shop, (except for Gym, lunch and other occasional electives). Therefore, at any one time approximately one half of the student population is in academic classrooms and one half is in shop.

At Northeast Metro Tech, the student population is divided approximately in half by pairing $9^{\text {th }}$ with $11^{\text {th }}$ graders, and pairing $10^{\text {th }}$ with $12^{\text {th }}$ graders. This usually results in slightly unequal groupings, so the largest cohort is typically slightly more than fifty percent of the total enrollment. For the purposes of this Space Summary form, we have calculated the Full-Time Equivalent (FTE) academic population to be equal to $53 \%$ of the total enrollment.

This added cell has been highlighted in a tan color.
2. The Space Summary form has also been modified by substituting this newly created "Full-Time Equivalent" academic enrollment figure for the "Proposed enrollment" in the formula contained in the cells related to the following academic spaces, including:

General Classrooms<br>Teacher Planning spaces<br>Science Labs<br>Prep Rooms<br>Self-Contained SpEd Rooms<br>Self-Contained SpEd Toilet Rooms<br>Resource Rooms<br>Small Group Rooms<br>Library Reading Room

In each of these rows the cell containing the substitution has been highlighted with a tan color.
3. The "Vocations \& Technology" category has also been modified to more accurately reflect the nature of a Career Technical/ Vocational school. The formula for the line for "Technology/ Engineering Rooms" has been deleted (Number of Rooms = 0). In its place is an itemized listing of the individual career technical programs that Northeast Metro Tech will be offering. In the column "Room NFA" the cell contains a link to a formula from the Massachusetts Department of Elementary and Secondary Education, Chapter 74 Manual guidelines for area per pupil for each CTE program.

In the column listing the "\# of rooms" the number " 1 " has been added to reflect one "shop" for each program (this represents a total space allowance for each program; this will ultimately be sub-divided among shop space, storage, office, etc.).

The total student population has been allocated to each CTE program according to the projected enrollment distribution recently approved by the Northeast Metro Tech School Committee.

These cells that have been added or modified are highlighted in tan color cells.

Other than the above, no other modifications have been made to the "MSBA Guidelines" section of the Proposed Space Summary Form.

|  |  |  |  | PROPOSED |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Northeast Metro Tech | Existing Conditions |  |  | Existing to Remain/Renovated |  |  | New |  |  | Total |  |  |
| ROOM TYPE | $\underset{\text { NFA }^{1}}{\substack{\text { ROOM }}}$ | \# OF RMS | area totals | $\underset{\mathrm{NFA}^{1}}{\mathrm{ROOM}}$ | \# OF RMS | area totals | $\begin{aligned} & \text { Room } \\ & \text { NFA }^{1} \end{aligned}$ | \# Of RMS | area totals | $\begin{aligned} & \text { Room } \\ & \text { NFA } \end{aligned}$ | \# OF RMS | area totals |
| CORE ACADEMIC SPACES |  |  | 29,600 |  |  | 0 |  |  | 50,420 |  |  | 50,420 |
| (List classrooms of difierent sizes separately) |  |  |  |  |  |  |  |  |  |  |  |  |
| Classroom - General | 797 | 26 | 20,710 |  |  | 0 | 850 | 36 | 30,600 |  | 36 | 30,600 |
| Teacher Planning/ Workrooms-- 136, 136A, 210 | 253 | 3 | 760 |  |  | 0 | 900 | 4 | 3,600 |  | 4 | 3,600 |
| Small Group Seminar/ Collaborative Space |  |  |  |  |  | 0 | 500 | 4 | 2,000 |  | 4 | 2,000 |
| Science Classroom / Lab | 1,340 | 1 | 1,340 |  |  | 0 | 1,440 | 8 | 11,520 |  | 8 | 11,520 |
| Prep Room | 280 | 1 | 280 |  |  | 0 | 200 | 8 | 1,600 |  | 8 | 1,600 |
| Science Classrooms incl STEM | 814 | 8 | 6,510 |  |  | 0 |  |  |  |  |  |  |
| Central Chemical Storage Rm | 0 | 0 |  |  |  |  | 200 | 1 | 200 |  | 1 | 200 |
| Language Lab/ Distance Learning | 0 | 0 |  |  |  |  | 900 | 1 | 900 |  | 1 | 900 |
| SPECIAL EDUCATION |  |  | 2,900 |  |  | 0 |  |  | 6,770 |  |  | 6,770 |
| (List classrooms of dififerent sizes separately) |  |  |  |  |  |  |  |  |  |  |  |  |
| Self-Contained SPED |  |  |  |  |  | 0 | 950 | 0 | 0 |  | 0 | 0 |
| Self-Contained SPED Toilet |  |  |  |  |  | 0 | 60 | 0 | 0 |  | 0 |  |
| Resource Room - 124E,127C Learning Center | 115 | 2 | 230 |  |  | 0 | 850 | 4 | 3,400 |  | 4 | 3,400 |
| Small Group Room - 124D | 160 | 1 | 160 |  |  | 0 | 500 | 4 | 2,000 |  | 4 | 2,000 |
| Tutoring/ Assessment |  |  |  |  |  |  | 150 | 4 | 600 |  | 4 | 600 |
| SpEd Office - 124A,1248,124C,1268, 1278 Ditre asst. | 206 | 5 | 1,030 |  |  |  | 150 | 3 | 450 |  | 3 | 450 |
| SpEd Conference Room |  |  |  |  |  |  | 320 | 1 | 320 |  | 1 | 320 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ART \& MUSIC |  |  | 0 |  |  | 0 |  |  | 0 |  |  | 0 |
| Art Worrroom w/ Storage \& kiln |  |  |  |  |  | 0 |  | 0 | 0 |  | 0 |  |
|  |  |  |  |  |  | 0 |  | 0 |  |  | 0 |  |
| Band - $50-100$ seats |  |  |  |  |  | 0 |  | 0 | 0 |  | 0 | 0 |
| Chorus - $50-100$ seats |  |  |  |  |  | 0 |  | 0 | 0 |  | 0 |  |
| Ensemble |  |  |  |  |  | 0 |  | 0 | 0 |  | 0 |  |
| Music Practice |  |  |  |  |  | 0 |  | 0 | 0 |  | 0 |  |
| Music Storage |  |  |  |  |  | 0 |  | 0 | 0 |  | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| VOCATIONS \& TECHNOLOGY  |  |  |  |  |  | 0 |  |  | 126,207 |  |  | 126,207 |
|  |  |  |  |  |  | 0 | 1,440 | 1 | 1,440 |  | 1 | 1,440 |
|  |  |  |  |  |  |  | 6,783 | 1 | 6,783 |  | 1 | 6,783 |
|  |  |  |  |  |  |  | 12,833 | 1 | 12,833 |  | 1 | 12,833 |
|  |  |  |  |  |  |  | 2,567 | 1 | 2,567 |  | 1 | 2,567 |
|  |  |  |  |  |  |  | 10,500 | 1 | 10,500 |  | 1 | 10,500 |
|   <br> Cosmetology 3,920 |  |  |  |  |  |  | 5,833 | 1 | 5,833 |  | 1 | 5,833 |
|  |  |  |  |  |  |  | 5,833 | 1 | 5,833 |  | 1 | 5,833 |
|   <br> Dental Assisting  <br> 1,620  |  |  |  |  |  |  | 6,583 | 1 | 6,583 |  | 1 | 6,583 |
|  |  |  |  |  |  |  | 5,133 | 1 | 5,133 |  | 1 | 5,133 |
| 1  <br> Drating \& Design  |  |  |  |  |  |  | 4,473 | 1 | 4,473 |  | 1 | 4,473 |
|  |  |  |  |  |  |  | 2,000 | 1 | 2,000 |  | 1 | 2,000 |
| Electrical Technology |  |  |  |  |  |  | 12,600 | 1 | 12,600 |  | 1 | 12,600 |
|  |  |  |  |  |  |  | 5,833 | 1 | 5,833 |  | 1 | 5,833 |
|   <br> HVAC Technology  |  |  |  |  |  |  | 9,333 | 1 | 9,333 |  | 1 | 9,333 |
| Metal Fabrication ${ }^{\text {a }}$ |  |  |  |  |  |  | 7,467 | 1 | 7,467 |  | 1 | 7,467 |
|    <br>   8,160 <br>    <br>  4,060  |  |  |  |  |  |  | 8,400 | 1 | 8,400 |  | 1 | 8,400 |
|  |  |  |  |  |  |  | 5,133 | 1 | 5,133 |  | 1 | 5,133 |
|  |  |  |  |  |  |  | 5,133 | 1 | 5,133 |  | 1 | 5,133 |
| $\frac{\text { new-Marketing (220ssf min) }}{}$ |  |  |  |  |  |  | 2,493 | 1 | 2,493 |  | 1 | 2,493 |
| new-Medical Assisting |  |  |  |  |  |  | 5,833 | 1 | 5,833 |  | 1 | 5,833 |
| HEALTH \& PHYSICAL EDUCATION |  |  | 14,150 |  |  | 0 |  |  | 25,160 |  |  | 25,160 |
| Gymnasium - 174 | 8,110 | 1 | 8,110 |  |  | 0 | 11,800 | 1 | 11,800 |  | 1 | 11,800 |
| PE Alternatives - 171 Fitness Center \& Weights | 1,140 | 1 | 1,140 |  |  | 0 | 1,500 | 2 | 3,000 |  | 2 | 3,00 |
| Gym Storeroom - 170C | 120 | 1 |  |  |  |  | 300 | 1 | 300 |  | 1 | 300 |

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| Difference to MSBA Guidelines |  |  |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { ROOM } \\ & \text { NFA1 } \end{aligned}$ | \# OF RMS | area totals |
|  |  | 3,750 |
|  | 3 | 2,550 |
|  | -29 | 300 |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 1 | 900 |
|  |  | -2,290 |
|  | -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) |
|  |  |  |
|  |  | 350 |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | 350 |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  | 0 | - |
|  |  | 0 |
|  | 0 | (200) |
|  | 1 | - |

MSBA Guidelines
(refer to MSBA Educational Program $\&$ Space Standard Guidelines)

| 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 | 3x65\% ut=2 Seass-1 per layystudent |
| 200 | 8 | 1,600 |  |
|  |  |  |  |
| 200 | 1 | 200 |  |
|  |  |  |  |
|  |  | 9,060 |  |
| 950 | 6 | 5.700 | 825.950. SF equal os surounding alassoms |
| 60 | 6 | 360 |  |
| 500 | 3 | 1,500 | $11 / 2$ size een. Clim. |
| 500 | 3 | 1,500 | 112 size eenl Clim. |
|  |  |  | - |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  | 6,700 |  |
| 1,200 | 2 | 2,400 | Assumed use - 25\% Population-5 timesweek |
| 150 | 2 | 300 |  |
| 1,500 | 1 | 1,500 | Assumed use - 25\% Population-5 timesweek |
| 1,500 | 1 | 1,500 |  |
| 200 | 1 | 200 |  |
| 75 | 4 | 300 |  |
| 500 | 1 | 500 |  |
|  |  |  |  |
|  |  | 125,857 |  |
| 1,440 | 1 | 1,440 |  |
| 6,783 | 1 | 6,783 |  |
| 12,833 | 1 | 12,833 |  |
| 2,567 | 1 | 2,567 |  |
| 10,500 | 1 | 10,500 |  |
| 5,833 | 1 | 5,833 |  |
| 5,833 | 1 | 5,833 |  |
| 6,583 | 1 | 6,583 |  |
| 5,133 | 1 | 5,133 |  |
| 4,473 | 1 | 4,473 |  |
| 1,650 | 1 | 1,650 |  |
| 12,600 | 1 | 12,600 |  |
| 5,833 | 1 | 5,833 |  |
| 9,333 | 1 | 9,333 |  |
| 7,467 | 1 | 7,467 |  |
| 8,400 | 1 | 8,400 |  |
| 5,133 | 1 | 5,133 |  |
| 5,133 | 1 | 5,133 |  |
| 2,493 | 1 | 2,493 |  |
| 5,833 | 1 | 5,833 |  |
|  |  |  |  |
|  |  | 25,160 | Excess PE Spaces Policy |
| 12,000 | 1 | 12,000 |  |
| 3,000 300 | 1 | 3,000 |  |


| Northeast Metro Tech | Existing Conditions |  |  | PROPOSED |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Existing to Remain/Renovated |  |  | New |  |  | Total |  |  |
| ROOM TYPE | $\underset{\text { RFAOM }}{\substack{\text { ROOM }}}$ | \# OF RMS | area totals | $\begin{aligned} & \text { ROOM } \\ & \text { NFA } \end{aligned}$ | \# OF RMS | area totals | $\underset{\substack{\text { ROOM } \\ \mathrm{NFA}^{1}}}{\text { Ron }}$ | \# OF RMS | area totals | $\underset{\substack{\text { ROOM } \\ \text { NFA }}}{ }$ | \# OF RMS | area totals |
| Locker Rooms - Boys / Girls w/ Toilets | 3,940 | 1 | 3,940 |  |  | 0 | 3,145 | 2 | 6,290 |  | 2 | 6,290 |
| Satelite Locker Rooms |  |  |  |  |  |  | 780 | 2 | 1,560 |  | 2 | 1,560 |
| Phys. Ed. Storage \& Closets - 172G, 172H, 172N | 115 | 2 | 230 |  |  | 0 | 300 | 1 | 300 |  | 1 | 300 |
| Athetic Director's office - 172 C (including S/T) | 140 | 1 | 140 |  |  | 0 | 180 | 1 | 180 |  | 1 | 180 |
| PE Instructor \& Coach Offices w/ Shower \& ToildHealth CR Team Meeting RoomTrainer 1721 | 115 | 2 | 230 |  |  | 0 | 200 | 4 | 800 |  | 4 | 800 |
|  |  |  |  |  |  |  | 750 | 1 | 750 |  | 1 | 750 |
|  | 240 | 1 | 240 |  |  |  | 180 | 1 | 180 | + | 1 | 180 |
| MEDIA CENTER |  |  | 2,910 |  |  | 0 |  |  | 5,200 |  |  | 5,200 |
| Media Center / Reading Room 174A | 2,150 | 1 | 2,150 |  |  | 0 | 4,030 | 1 | 4,030 |  | 1 | 4,030 |
| Workroom 174C | 400 | 1 | 400 |  |  | 0 | 250 | 1 | 250 |  |  | 250 |
| Office, Conf.,printer- 174B, 174D, 174E | 120 | 3 | 360 |  |  |  | 150 | 1 | 150 |  | 1 | 150 |
| Small Group Rooms |  |  |  |  |  |  | 107 | 3 | 320 |  | 3 | 320 |
| Project Room/ TV studio/ Storage |  |  |  |  |  |  | 450 | 1 | 450 |  | 1 | 450 |
| (Auditorium) Presentation/ Performance Space |  |  | 1,630 |  |  | 0 |  |  | 10,400 |  |  | 10,400 |
|  |  |  |  |  |  | 0 | 7,500 | 1 | 7,500 |  | 1 | 7,500 |
| Stage - 119B | 1,510 | 1 | 1,510 |  |  | 0 | 1,600 | 1 | 1,600 |  | 1 | 1,600 |
| Auditorium Storage - 119T | 120 | 1 | 120 |  |  | 0 | 500 | 1 | 500 |  | 1 | 500 |
|  |  |  |  |  |  | 0 | 300 | 2 | 600 |  | 2 | 600 |
| Controls / Lighting / Projection |  |  |  |  |  | 0 | 200 | 1 | 200 |  | 1 | 200 |
| OIING \& FOOD SERVICE |  |  | 12.280 |  |  | 0 |  |  | 13,300 |  |  | 13,300 |
| Cafeteria / Student Lounge / Break-out - 119 A | 7,440 | 1 | 7,440 |  |  | 0 | 4,000 | 2 | 8,000 |  | 2 | 8,000 |
| Chair / Table Storage - $119 \mathrm{~S}, 119 \mathrm{U}, 119 \mathrm{~V}$Scramble Seving Area -19P | 300 | 1 | 300 |  |  | 0 | 550 | 1 | 550 |  | 1 | 550 |
|  | 420 | 1 | 420 |  |  | 0 | 600 | 1 | 600 |  | 1 | 600 |
| Satelite Serving Area |  |  |  |  |  |  | 300 | 1 | 300 |  | 1 | 300 |
| Kitchen - 199C, 119D, 119E, 119F, 119G, 119H.,Satelite Kitchen | 4,120 | 1 | 4,120 |  |  | 0 | 2,600 | 1 | 2,600 |  | 1 | 2,600 |
|  |  |  |  |  |  |  | 600 | 1 | 600 |  | 1 | 600 |
| Satelite Kitchen |  | 0 |  |  |  | 0 | 325 | 2 | 650 |  | 2 | 650 |
| MEDICAL |  |  | 800 |  |  | 0 |  |  | 1,410 |  |  | 1,410 |
| Medical Suite Toilets - 178D, 178E | 45 | 2 | 90 |  |  | 0 | 60 | 2 | 120 |  | 2 | 120 |
| Nurses' Office / Waiting Room 178A, 178B | 650 | 1 | 650 |  |  | 0 | 247 | 3 | 740 |  | 3 | 740 |
| Interiew/ Exam Room Resting | 0 | 0 |  |  |  | 0 | 100 | 3 | 300 |  | 3 | 300 |
| Resting | 30 | 2 | 60 |  |  | 0 | 63 | 4 | 250 |  | 4 | 250 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADMINISTRATION \& GUIDANCE |  |  | 7,410 |  |  | 0 |  |  | 8,780 |  |  | 8,780 |
| General Office / Waiting / TIt 175,,175A,175H, 12 | 870 | 1 | 870 |  |  | 0 | 800 | 1 | 800 |  | 1 | 800 |
| Teachers' Mail and Time Room 175K ? ? | 240 | 1 | 240 |  |  | 0 | 100 | 1 | 100 |  | 1 | 100 |
| Duplicating Room |  |  |  |  |  |  | 200 | 1 | 200 |  | 1 | 200 |
| Records Room (Vaut) 175E | 190 | 1 | 190 |  |  | 0 | 200 | 1 | 200 |  | 1 | 200 |
| Principal's Office w Conf. Are \& TIt- $175 F, 175$ | 360 | 1 | 360 |  |  | 0 | 250 | 1 | 250 |  | 1 | 250 |
| Principa's Secreary / Witing - 175 M / | 70 470 | 1 | ${ }_{40}^{770}$ |  |  | 0 | 125 150 | 1 | 125 300 |  | 1 | 125 300 |
|  | 470 | 1 |  |  |  | 0 | 150 | 2 | 300 |  |  |  |
| Assistant Principal's Offices - Voc.Deans, <br> Academic Prog. Coordinator 175R, 175S, 133 | 123 | 3 | 370 |  |  | 0 | 150 | 3 | 450 |  | 3 | 450 |
| Supervisory \& Paraprofessional Offices; incl: Attendance, Reception 175B, 175C, 175D, 183 | 155 | 4 | 620 |  |  | 0 | 120 | 4 | 480 |  | 4 | 480 |
| Department Head Offices 163B, 187A, 187B, 187C 188, 189, 201A | 134 | 7 | 940 |  |  | 0 | 120 | 7 | 840 |  | 7 | 840 |
| Safety Resource Officer | 100 | 1 |  |  |  |  | 120 | 1 |  |  | 1 |  |
|  | 340 |  | 340 |  |  |  | 340 | 1 | 340 |  |  | 340 |
| Conference Rooms - 175N, 180 Guidance/ Adj, Psych., Diversity Offices - 175O, | ${ }_{4}^{40}$ | 2 |  |  |  | 0 | 450 150 | ${ }^{2}$ | 950 |  | ${ }^{2}$ |  |
|  | 126 280 | 8 | 1,010 |  |  | 0 | 150 100 | 10 | 1,500 100 |  | 10 | 1,500 100 |
| Guidance/ Adj, Psych., Diversity Offices - 175O, Guidance Waiting Room - 175P | $\stackrel{280}{0}$ | 1 |  |  |  | 0 | 100 100 | 1 | 100 100 |  | 1 | 100 100 |
| Guidance Storeroom | 670 | 1 | 670 |  |  |  | 950 | 1 | 950 |  | , | 950 |
| Records Room |  |  |  |  |  |  | ${ }_{800}^{225}$ | 1 | 225 800 |  | 1 | 225 800 |
| Teachers' Work Rm, Dig.Lrn'g Mgr(w/ Media Ctr) |  |  |  |  |  |  |  | 1 |  |  | 1 | 800 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

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Difference to MSBA Guidelines

| ROOM <br> NFA1 | \# OF RMS | area total |
| :---: | :---: | :---: |



|  |  |  |  | PROPOSED |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Northeast Metro Tech | Existing Conditions |  |  | Existing to Remain/Renovated |  |  | New |  |  | Total |  |  |
| ROOM TYPE | $\underset{\substack{\text { Room } \\ \mathrm{NFA}^{4}}}{ }$ | \# OF RMS | area totals | $\underset{\mathrm{NFA}^{1}}{\mathrm{ROOM}}$ | \# OF RMS | area totals | $\begin{aligned} & \text { Room } \\ & \text { NFA }^{1} \end{aligned}$ | \# OF RMS | area totals | $\underset{\substack{\text { Room } \\ \text { NFA }^{4}}}{ }$ | \# OF RMS | area totals |
| CUSTODIAL E MAINTENANCE |  |  | 9,950 |  |  | 0 |  |  | 3,950 |  |  | 3,950 |
| Custodian's Office - 1376, 019FB | ${ }_{2}^{230}$ | ${ }^{2}$ |  |  |  |  | 150 | 1 |  |  | 1 | 150 <br> 375 |
| Custodian's Workshop \& Toilet - 137, 137G | $\stackrel{2,240}{35}$ | ${ }_{12}$ | 2,240 |  |  | 0 | 375 375 | 1 | 375 |  | 1 | 375 375 |
| Custocian's storage - $194 \mathrm{~A}, 194 \mathrm{BL,194}, 192 \mathrm{C}, 19$ | 80 | 1 | 80 |  |  |  | 400 | 1 | 400 |  | 1 | 400 |
| Receiving and General Supply - 137A, 137E | 725 | 2 | 1,450 |  |  |  | 550 | 2 | 1,100 |  | 2 | 1,100 |
| Storeroom - 1378, 137C, 137D, 137E, 137F, 01 | ${ }_{126}^{164}$ | 7 | 1,150 |  |  | 0 | 1,350 | 1 | 1,350 |  | 1 | 1,350 |
| Network - Telecom Room \& Offices - 177A, 77 F , | 216 439 | ${ }_{7}$ | 1,080 <br> 3070 |  |  | 0 | 200 |  |  |  |  |  |
| OMaintenance Storage $\&$ Staft Lunch / Lounge - 1 |  |  | 9,980 |  |  | 0 |  |  | 7.235 |  |  | 7,235 |
| Other (specify): Bank 192 G (Bus. Tech) | 80 | 1 | 80 |  |  | 0 | 300 | 1 |  |  | 1 |  |
|  |  |  |  |  |  |  | 300 | 1 | 300 |  | 1 | 300 450 |
| Adult Ed Offices \& Storage 185, 185A, 186, 186 Superintendent's ofice $\&$ Tt - 178 A | 970 | ${ }_{1}^{5}$ | 450 470 |  |  |  | 450 <br> 250 | 1 | 450 250 |  | 1 | $\begin{array}{r}450 \\ 250 \\ \hline\end{array}$ |
| Superintendent's oftice \& Tlt - 178A |  |  |  |  |  |  | 250 125 | 1 | ${ }_{1}^{25}$ |  | 1 | 250 125 |
| Business Office suite, HR 175AA, 175BB,175CC, | 150 | 7 | 1,050 |  |  |  | 150 | 7 | 1,050 |  | 7 | 1,050 |
| Maintenance Garage (out-building) |  |  |  |  |  |  | 1,800 | 1 | 1,800 |  | 1 | 1,800 |
| Field Maintenance Garage \& Storage (out-buildin |  |  |  |  |  |  | 1,560 | 1 | 1,560 |  | 1 |  |
| Concession/ Public Toiiets (out-building) Pool, Office, Storage, \& Mechanical | 7,930 | 1 | 7,930 |  |  |  | 1,400 7,930 | 1 |  |  | 1 | 1,400 |
| Total Building Net Floor Area (NFA) |  |  | 186,150 |  |  | 0 |  |  | 258,832 |  |  | 258,832 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Proposed Student Capacity / Enrollment |  |  |  |  |  |  |  |  |  |  |  |  |
| Proposed Student Capacity IEnroiment |  |  |  |  |  |  |  |  |  |  |  |  |
| NON-PROGRAMMED SPACES |  |  |  |  | \% of GFA | 0 |  | \% of GFA | 129,416 |  | \% of GFA | 129,418 |
| Other Occupied Rooms (list separately) |  |  |  |  | \#DIV0! |  |  | 0\% |  |  | 0\% |  |
|  |  |  |  |  | \#DIVI0! |  |  | 0\% |  |  | 0\% |  |
|  |  |  |  |  | \#DIVIV! |  |  | 0\% |  |  | 0\% |  |
|  |  |  |  |  | \#DIV/0! |  |  | 0\% |  |  | 0\% |  |
| Unoccupied MEP/FP Spaces |  |  |  |  | \#DIVIV! |  |  | 0\% |  |  | 0\% |  |
| Rooms |  |  |  |  | \#Divo! |  |  | 0\% |  |  | 0\% |  |
| Toilet Rooms |  |  |  |  | \#DIVI! |  |  | 0\% |  |  | 0\% |  |
| Circulation (corridors, stairs, ramps \& elevators) |  |  |  |  | \#DIVI0! |  |  | 0\% |  |  | 0\% |  |
| Remaining ${ }^{3}$ |  |  |  |  | \#DIVIV! | 0 |  | 33\% | 129,416 |  | 33\% | 129,418 |
| Total Building Gross Floor Area (GFA) ${ }^{2}$ |  |  | 239,444 |  |  | 0 |  |  | 388,248 |  |  | 388,250 |
| Grossing factor (GFA/NFA) <br> (including outbuildings) |  |  | 1.29 |  |  |  |  |  | 1.50 |  |  | 1.50 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |


| Difference to MSBA Guidelines |  |  |
| :---: | :---: | :---: |
| $\begin{array}{\|c} \text { Room } \\ \text { NFA1 } \end{array}$ | \# OFRMS | area totals |
|  |  | 1,125 |
|  | $\bigcirc$ | 125 |
|  | 0 |  |
|  | 1 | ${ }_{5}{ }^{-}$ |
|  | 0 | 450 |
|  | 0 |  |
|  |  | 7,235 |
|  | 1 |  |
|  | 1 | 300 <br> 450 |
|  | 1 | 250 |
|  | 7 | ${ }_{1}^{125}$ |
|  | 7 | 1,050 |
|  |  | 1,800 |
|  |  | 1,560 |
|  |  | 1,400 |
|  | 0 |  |
|  |  | 7,055 |
|  |  | Full-Ti |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | 10,585 |
|  |  |  |
|  |  |  |

Date: 12/21/2020 Preferred Schematic Report

| (refer to MSBA Educational Program \& Space Standard Guidelines) see also accompanying Notes to Space Summary for highlighted revisions |  |  |  |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { ROOM } \\ & \mathrm{NFAA}^{1} \end{aligned}$ | \# Of RMS | area totals | Comments |
|  |  | 2,825 |  |
| 150 <br> 50 | 1 | $\begin{array}{r}150 \\ \\ \hline\end{array}$ |  |
| 250 | 1 | 250 |  |
| ${ }^{375}$ | 1 | 375 |  |
| 400 550 | 1 | 400 550 4 |  |
| 550 | 1 | 550 |  |
| 900 200 | 1 | 900 |  |
| 200 | 1 | 200 |  |
|  |  | 0 |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  | 251,777 |  |
| valent Acade | Imic students: | 848 | 162 |
|  | 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 |
|  |  |  |  |
|  |  | 377,665 | 360,000 |
|  |  | 1.50 | 1.50 |
|  |  |  |  |

' Individual Room Net Floor Area (NFA)

## net square

Total Building Gross Floor Area (GFA)
Includes the entire building gross square footage measured from the outside face of exterior walls
${ }^{3}$ Remaining
.
Architect Certification I hereby
$\qquad$

