

SPACE SUMMARY

COMPARISON OF CURRENT DESIGN W/ FINAL EDUCATIONAL PROGRAM

6C.3.2 - 03

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The following provides rational for square footage deviations between the Schematic Design and 90% Construction Document "Final Design Program." Deviations (greater than 2%) are highlighted in grey in the Space Summary.

The overall Gross Floor Area (GFA) has remained the same: 386,630 SF.

Department of Elementary and Secondary Education (DESE) Submittal

The size and location of DESE spaces has remained unchanged from the approved, August 2nd, 2021 submission.

Special Education spaces meet the square footage and location requirements as approved by DESE and included in the MSBA Schematic Design Submission.

Educational Space Summary

Core Academic Spaces

- Minor deviations of square footages to accommodate program layouts and general coordination of MEP /FP and Structural systems during 90% Construction Documents.
- All the General Classrooms comply within MSBA's square footage guidelines (825 SF minimum and maximum of 950 SF).
- All the science classrooms meet MSBA minimum size requirement of 1440 square feet.
- Square footage for **Language Learning** is just below the two-percent threshold.

Art and Music

- The project does not have any programs under this category.

Vocational & Technology

- Layouts within the shop spaces have been revised to reflect instructor input.
- Minor deviations of square footages to accommodate program layouts and general coordination of MEP /FP and Structural systems during 90% Construction Documents.
- The latest minor revisions are consistent with previous DESE approval of Chapter 74 Program Offerings.

Spaces that were presented at the 60% CD DESE Chapter 74 review meetings are consistent with the spaces shown in the MSBA 90% CD submission.

Layouts for Carpentry and Cosmetology have been revised based on feedback from Vocational Department Heads and industry advisory groups. Please refer 6C.3.2-07 within this submission for revised equipment layouts.

Auditorium / Drama

- Given the unique nature of a Career and Technical High School programs, the Auditorium has been re-envisioned as a **Multipurpose Room**. Fixed seating has been replaced with telescopic seating. This arrangement will allow greater flexibility within the space. With the seating retracted a large “level” space can be created. When the Auditorium is not in performance or lecture mode the space can now be used for event such as Robotics competitions, DECA events and Job Fairs.
- With the reimagining of the space the concept of a formal **Stage** is no longer needed. Telescoping seating has a steeper incline, which provides for better sight lines. To support the multipurpose nature of the space a portable stage with ramping is proposed. The 1,610 square feet that was previously allocated for the stage has been redirected to the **Presentation/Performance Space** line item within the Space Summary.

Health & Physical Education

- Deviations in square footage for the overall Health & Physical Education category is less than 1%.
- **Gymnasium** square footage has decreased by 165 square feet. This square footage has been reassigned to the **Weight** room.
- **Physical Education Storage** has been divided into four rooms and redistributed near the Weight/Fitness, lower-level locker rooms and Auxiliary PE space.
- The square footage of the **Trainer’s** Room has increased to accommodate space needs.
- The **Weight Room** was relocated from the Lower Level to the First Floor. New location is adjacent to the Fitness room for better proximity of related spaces.
- **Team Lockers** related to athletics were relocated to the Lower Level where the Weight room was previously located.
- **Locker** room square footage has decreased by 1,080 SF. Locker counts meet the Physical Education Department requirements.
- The **Athletic Director’s Office** has increased in square footage to accommodate the request for a shower.
- With the re-imagining of the concept of the Auditorium as a Multipurpose space that can be used for multiple activities, 930 square feet (plus 257 SF of storage from **Physical Education Storage**) of program space has been assigned to **Auxiliary** PE.

A benefit of this plan is the Auditorium/Multipurpose space can be utilized more hours of the day. The space design adds the opportunity for additional flexibility for the Athletics & Physical Education Departments to schedule the space for programs such as Cheerleading and Wrestling when other programs are utilizing the gymnasium. The wrestling mat storage lift will be installed in the ceiling of the Auditorium/Multipurpose room to accommodate the multipurpose use of the space.

Media Center

- Minor deviations of square footages to accommodate program layouts and general coordination of MEP /FP and Structural systems during 90% Construction Documents.
- **Office** square footage was rebalanced to give more space to the **Workroom**.

Dining & Food Service

- Minor deviations of square footages to accommodate program layouts and general coordination of MEP /FP and Structural systems during 90% Construction Documents.
- After further development of the layouts for the **Kitchen** and **Servery**, square footage from the Kitchen was given to the Servery to provide better circulation during the lunch hour rush.
- **Chair Storage** has been reduced to accommodate the school's need for multi-stall toilets rooms located within the cafeteria proper. School protocol is that students are not to leave the cafeteria during their lunch hour. One of the chair storage rooms has been relocated just outside of the Cafeteria.

Medical

- Minor deviations of square footages to accommodate program layouts and general coordination of MEP /FP and Structural systems during 90% Construction Documents.
- **Nurse's Offices** have been reduced to accommodate nurse's station off of the corridor. This allows for quick access to administer daily medications to students. A new space, **Nurse's Station**, was added to the Nurses' Offices/Waiting Room Category.
- Square footage of **Resting** increase slightly to add additional space around each bed.

Administration & Guidance

Since the 60% CD set, additional design meetings have been held with administration and guidance. They have been forward thinking about what types of support positions will be needed for the growing student body. Additional office space has been incorporated into the building, as described below. The square footage for the Administration and Guidance category has increased by 725 sf.

Assistant Principal 's Offices – Voc. Deans, Academic Program Coordinator, Co-op

The square footage for this subcategory has increased by 92 sf to accommodate two (2) additional staff locations.

- At the first-floor Main office an office was added for **Admissions**.
- On the second floor an office was added for **Data & MCAS Coordinator**. It replaces the square footage for what was previously the **Record Room** (see notes below).
- The Co-op Coordinator has been relocated to the Career Center. Square footage related to this space was given back to this subcategory.

Supervisory & Paraprofessional Offices, Attendance, Reception

The square footage for this subcategory has increased by 352 sf to accommodate an additional open office area within the Main Office. The three desks in this area are used as "hot desks" to accommodate the numerous outside support professionals that need a temporary office area.

Guidance / Adj., Diversity Offices

The square footage for this subcategory has increased by 445 sf to accommodate four (4) additional staff locations.

- An **Administrator of Student Services** offices was added with the main office suite, on the first floor.
- On each of the academic floor (2nd, 3rd, and 4th floors) a **Counselor Reception Area** has been added adjacent to Guidance Offices.

Career Center / Classroom

A desk for the Co-op coordinator has been added to the Career Center. No shift in square footage.

Records Room

The District is digitizing all files that do not require a hard copy record. This square footage was redistributed back the Administration & Guidance Category to support additional offices spaces.

Copy & Central Supply Rm

The school utilizes a central copy center and central supply room. A new line item has been added to the Space Summary to accommodate the 220 SF needed for this function. The room is located near the Media Center on the second floor.

Custodial & Maintenance

- Minor deviations of square footages to accommodate program layouts and general coordination of MEP /FP and Structural systems during 90% Construction Documents.
- The square footages for **Custodial Storage** and **Storeroom** equalize each other. **Custodial Storage** square footage is greater than 2% and **Storeroom** is below 2%.

Other

- **Adult Education Office** square footage was reduced by 230 SF. This was to accommodate layout changes at the Administration Suite.
- An **Assistant Superintendents** position has been created to help run the new high school. A line item has been added to the space summary with 145 sf assigned to it.
- **The Business Office Suite** was reorganized to have six enclosed offices, an open office and a waiting room. Room Count has changed from seven to eight.
- Square footage of the non-reimbursable **Maintenance Garage** has increased from 1,800 to 10,400.
- Square footage of the non-reimbursable **Concessions Building** has increased from 1,400 to 1,830 to increase toilet room occupant capacity. This is to accommodate the additional grandstand capacity that would come with the acceptance of Add Alternates No.2.