## Compilation of Space

## Introduction

During the development of the Connecticut School Construction Standards and Guidelines, extensive research was conducted into existing state and national instructional and support space size standards. It was determined that the size of the instructional spaces included in this Compilation of Space was the appropriate size to accommodate current and future student needs, project based delivery, children with disabilities, and multiple program delivery methods for twenty-five (25) students. Additionally, various administrative and building support spaces have been included for consideration when developing a building plan.

Development of the Compilation of Space should begin with a thorough understanding of current and future student instructional needs. LEAs are encouraged to consider contracting with a Design Professional whose function will be to assist the district and its stakeholders in developing/reviewing its educational mission, goals, and vision and then communicating that vision to the design team. This process should include administration, staff, students and interested community members.

After the highest projected enrollment report is complete, the number of students projected for each grade level is entered to determine the Maximum Reimbursable Gross Square Feet. The number of required instructional spaces is developed which guides the LEA and Design Professional in the selection of spaces.

Instructional Spaces (shown in blue tables) refer to spaces in: Academic Core, Special Education, Visual Arts, Music, Performing Arts, Career Technical Education, and Physical Education. All other spaces are considered to be Support
 Spaces (shown in yellow tables). Square-foot allocations may be moved from Support areas to Instructional areas, but not vice versa. Square footage shown for Instructional spaces represents the minimum size. However, a deviation in the size of instructional spaces of up to $10 \%$ plus or minus is allowed to accommodate variations in space layouts, including the addition of small group rooms or extended learning areas. Support space sizes may be changed, however, the maximum reimbursable gross square footage shall not be exceeded.

## Measurement and Area Calculations for Building Spaces

Classrooms and other instructional spaces are sized to be flexible and adaptable to curricula of the future. Support areas, circulation, and building services are appropriately sized to support a range of design solutions. The following spaces shall be measured as indicated below when evaluating design solutions for compliance with the Compilation of Space:

Corridors: Stairs, ramps, and elevators shall be included in the Compilation of Space as Corridor area.

Stairs: Stair area shall be calculated as one hundred percent (100\%) on the ground floor and fifty-percent (50\%) on elevated floors. Area shall be calculated based on the total area inside the stair enclosure walls.

Elevators: Elevators shall be calculated as one hundred percent (100\%) on the ground floor and zero percent ( $0 \%$ ) on elevated floors.

Overhangs: Overhangs located at building entrances and exits do not count as area. Interior balconies are generally counted as circulation space.

Total Net Square Footage of a Room: Calculated as the measurement of the interior area, excluding the wall thickness. Measurements are taken from the inside face of the walls.

Total Gross Square Footage of the School Building: For the purpose of the computation of space calculations occurring in this chapter, total gross square footage is measured to the exterior face of the exterior walls.

Mechanical Equipment Space: Includes "traditional" mechanical equipment rooms and an elevated "walkable" space for mechanical equipment and its servicing. "Vaults" associated with mechanical systems are counted as mechanical room square footage.

The Compilation of Space is an inter-active spread sheet designed for the selection of instructional and support spaces. The active spreadsheet can be found on the Office of School Construction Grants \& Review website.

Office of School Construction Grants \& Review
Phone: 860-713-6480
Fax: 860-713-7020
Website: CT.GOV and search Office of School Construction Grants \& Review


Connecticut School Construction Standards and Guidelines September 22, 2016




| State <br> LEA: <br> Schoo <br> Date | roject <br> Name: |  | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 1 / 0 / 00 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Music Spaces - Net SF |  |  |  |  |  |  |  |  |
| New SF |  |  | Existing SF |  |  | TOTAL SF |  |  |
| Qty | SF | Area | Qty | SF | Area | Qty | SF | Area |
| 0 | 1,200 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 1,200 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 1,500 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 1,500 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 |  |  | 0 |  |  | 0 |  |  |
| 0 | 200 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 120 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 350 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 200 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 200 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 80 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
|  |  | 0 |  |  | 0 |  |  | 0 |


| Performing Arts Spaces - Auditorium - Net SF |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New SF |  |  | Existing SF |  |  | TOTAL SF |  |  |
| Qty | SF | Area | Qty | SF | Area | Qty | SF | Area |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 600 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 600 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 |  |  | 0 |  |  | 0 |  |  |
| 0 | 1,200 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 200 | 0 | 0 |  | 0 | 0 | varies | 0 |
| 0 | 200 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 200 | 0 | 0 |  | 0 | 0 | varies | 0 |
| 0 | 100 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 100 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 80 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 200 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
| 0 | 120 | 0 | 0 | 0 | 0 | 0 | varies | 0 |
|  |  | 0 |  |  | 0 |  |  | 0 |

Funding for Auditorium seating SF is based on $50 \%$ of the student enrollment. Unfunded SF is added on the Info \& Totals page.



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