

A. OBJECTIVE**New K-12 and Career Technical Buildings and Additions**

The objective of this section is to establish a baseline "cost per square foot per student" for new school buildings to be constructed under the funding mechanism administered by the Ohio School Facilities Commission. It is the intent of the "Design Manual" and the corresponding costs to establish a standard level of quality to be used by all Ohio schools. Under the classroom facilities assistance program and other applicable programs, the costs are to be used for new buildings as well as additions to existing buildings. The costs do not apply to renovation of existing structures.

Renovations

A separate document entitled "Assessment Cost Guidelines" addresses the costs of renovations, and is included herein. Since the approach for the renovations costing differs somewhat from the approach on the new school buildings and additions, all assumptions regarding the assessment cost guidelines are included within the Assessment Cost Guidelines document.

B. CONSIDERATIONS

There are dozens of variables that affect the cost of construction. They vary in degree, in the ability to be quantified, and the potential effect they may have on a project. An opinion of probable cost is just that—an opinion based on the best information known at the time of bidding. This report considers many variables that may affect construction and utilizes a baseline for purposes of establishing an initial starting point. Regional factors are then applied based on the area where the building is to be constructed within the state.

In addition to the considerations for K-12 facilities, the development of all inclusive construction square foot numbers for the Career-Technical school is a challenging exercise. These challenges include:

- Little or no historical data on projects is available nationally.
- Each program space cost is different and there are over 80 programs.
- Some spaces are atypical, and include features such as high bays and thickened slabs.
- Few Career-Technical schools in Ohio have done any building recently, again limiting the availability of historical data.

Regardless of the challenges, much time and effort was put into developing realistic costs through various methods. The processes followed are outlined in detail herein.

C. NEW K-12 AND CAREER TECHNICAL APPROACH

1. Modification Factors: Because the information is intended to be used to establish budgets throughout Ohio, it is important to establish cost modification factors for various State regions relative to a baseline established in **Central Ohio** (100.0 Factor.) The regions established correspond with the 9 regions identified in the 1990 Ohio Public School Facility Study. These modification factors were applied to both the K-12 and the Career Technical sections of the Design Manual.
2. It is recognized that the funding for large urban projects, as well as the significant number of Districts participating in the Expedited Local Partnership Program, may have an effect on the costs in certain regions. This effect will be monitored and analyzed as the projects continue to progress.
3. Variables
 - a. An opinion of probable cost developed by an estimating professional is "an opinion of cost." There are a number of factors and variables that can significantly affect these costs. Unfortunately, many of these issues are out of the control of the estimator, Ohio School Facilities Commission, Design Professional, and school district.
 - b. In an effort to establish a baseline cost for Columbus, the following factors were identified:
 - .1 Projects are to be bid approximately 15 to 18 months after bond issue passage.
 - .2 Projects are to be bid in Columbus market.
 - .3 Moderate bidding activity will be present during bidding.
 - .4 Projects will be exempt from prevailing wage, as indicated by Ohio law.
 - .5 All materials from the standards will be "middle of the road" as indicated in the Design Manual.
 - .6 Foundations will be standard spread footings.
 - .7 In most instances, buildings are priced as single story. However, allowances have been included in the two large high school projects for elevators. It is understood that some buildings in various locations may require additional stories. An analysis has shown reduced site needs and costs counterbalance any potential increased costs for multiple stories.
 - .8 The site size will be adequate for staging and material storage in most cases. Certain sites may be smaller and require specific security and laydown requirements. In these instances, it appears that reduced sitework costs will counterbalance the specific costs for these items.

- .9 The use of a construction manager with multi-prime bidding is contemplated. The number of packages may vary by construction manager and could also be affected by market conditions, labor and material availability, project location, etc.
- .10 Typical subsoil conditions.
- .11 Excludes impact on contractor pricing due to private sector activity.

In addition to these factors and the variations that can occur, other variables can significantly affect the costs and should be considered when analyzing these costs.

- Availability of qualified contractors and tradesmen.
- Availability of materials. Lead times on materials in the current marketplace are significant, and can lead to higher costs.
- Anticipated weather conditions during construction.
- Final site selected and usability of the site.
- Project deadlines. A more aggressive schedule in a tight labor and material marketplace can lead to higher costs.
- Construction activity in the private sector market place.
- Efficiency of design. Redesign, engineering and structural details can significantly affect costs.
- Fluctuation in material prices and wages.
- The capacity of the Design firm selected.
- Exact locale (labor rates, major material costs).
- Market activity at project location and throughout the State (how busy is the market at any given moment.)
- Final selected materials for each project.
- Bidder competitiveness.
- Method of construction procurement.
- Final scope of work.
- Time of year / schedule of proposed construction.
- Mechanical and electrical systems to be utilized.
- Material price fluctuations: including steel, lumber, copper, brick, casework, HVAC materials, etc.
- Workers compensation and other insurance and tax rate modifications.
- Union strength / marketplace versus the non-prevailing wage rates.

The application of these variables to a particular cost/SF will be difficult. However, it is strongly urged that this be done to increase the accuracy of the project cost estimate.

4. Career Technical Approach
 - a. Component Estimate

Because the Career-Technical sections contain over 80 different programs, with significant differences among programs, including the construction materials and types required for the programs, the following approach was taken on developing budgets for these buildings.
 - b. Specific Program Areas
 - .1 Each program instructional space was evaluated separately and estimated as its own single entity. Each support space also followed the same procedure.
 - .2 By doing this, a standard list of components was identified that are common to all programs. For instance, each space has concrete masonry unit walls, ceilings, etc.
 - .3 After the standard list of components for each program and associated space was estimated for cost, the items specific to an individual program were then budgeted. For instance, this could include items such as the “kennel” which is specific only to the Animal Production and Care program. Other examples of considerations applicable to specific programs included ceiling heights, additional HVAC or electrical requirements, etc.
 - .4 Furnishings were estimated for each specific program, and are included in the basic building cost.
 - .5 In addition, technology infrastructure was estimated for each specific program and is included in the basic building cost.
 - .6 A construction contingency is included that is a percentage of site costs, basic building construction costs, furnishings and technology.
 - .7 Non-construction costs are included as a percentage of the total of site, construction, furnishings, technology infrastructure and contingency.
 - .8 The final program area opinion of probable costs indicated includes site, building, non-construction costs and all contingencies.
 - c. Core Areas
 - .1 It was determined that the academic area costs will be the same as OSDM high school costs.
 - d. General Comments specific to both Program Areas and Core Areas
 - .1 Non-construction costs are calculated the same for both areas.

- .2 The narrative and components of the Career-Technical sections were thoroughly reviewed and taken into consideration when establishing the costs for each system. The system costs were established using past project data and history. Where design guidelines were not yet completely identified, “middle of the road” costs were incorporated.
- .3 Although no typical floor plans were available to use in quantifying the systems, proven design rules of thumb were incorporated. Some examples include: ratio of exterior wall space to floor area, ratio of interior wall space to floor area and ratio of glazing to exterior wall area. These ratios do vary from one design to the next, but they generally fall into a fairly tight range. These ratios generally prove to be reliable when they are coupled with the programming and design approach of the Guidelines Developer.
- .4 A general specifications outline for items included and assumptions made per particular category of construction was also developed.
6. Other Considerations for both K-12 and Career Technical
- a. Non-Construction Costs
- .1 Non-Construction costs are included as part of the overall, all inclusive, square foot costs. Items included in non-construction costs are as follows:
- Land Survey
 - Soils/Environmental Report
 - Agency Approval Fees
 - Construction Testing
 - Printing - Bid Documents
 - Advertising For Bids
 - Builder's Risk Insurance
 - Design Professional Compensation
 - Construction Management Compensation
 - Non-construction Contingency includes
 - Partnering/Mediation Services
 - Maintenance Plan Advisor Fees
 - Commissioning Agent Fee
- .2 ***USGBC LEED Fees for Registration are paid 100% by the OSFC.***
- b. Square Foot Cost Inclusions
- .1 Square foot costs presented on the matrix are all inclusive of all costs required to design and construct the building and include both construction and non-construction costs. The components of the “non-construction costs” are described above. The “construction costs” are described as follows and include the following major components:

- Site Costs
- Building Costs
- Furnishings (including playgrounds for elementary)
- Technology – see description below
- Construction Contingency

c. Site Costs

- .1 Site costs are included in the square foot costs. A reasonable amount of cut and fill is assumed and overall site costs are based on the site described in the Design Manual. Many factors affect site work including cut/fill of soil, topography, location of adjacent utilities, tap-in fees, etc. Site costs do not include the cost to purchase land.
- .2 The baseline square foot site costs take into account standard tap fees and/or on-site water or wastewater treatment plants. However, since every site is unique, the overall allowed site costs should be used wisely by the professionals and the District, and care should be taken to select the most effective and efficient site that can be developed within the allowable cost.

d. Technology

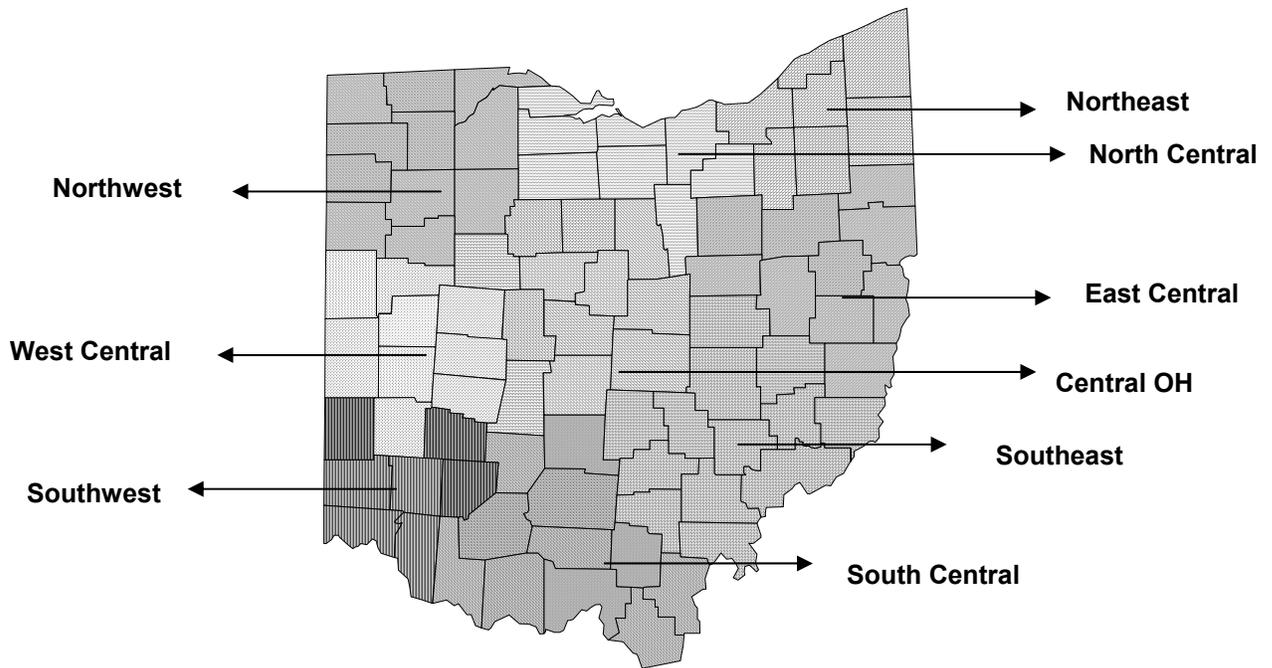
- .1 Technology costs include cable tray in academic areas, and voice, video, and data outlets. Also included is a fully digital telephone system with telephones in the classrooms and offices, and an integrated voice mail system. Additionally, there will be a video distribution system with projectors in the classrooms and access to cable systems and some additional media resources. There will also be a computer network system with data locations throughout and electronics, patch panels, and patch cables as required.

e. Security

- .1 Within the total project cost budget, an allowance based on gross building area shall be set aside for exterior and interior building security systems and protection and utilized most effectively for the project conditions. Refer to Chapter 8, Section 8600.

D. RESULTS

The opinion of probable cost summary matrix for K-12 facilities and Career-Technical facilities and a diagram of the state showing the regions are included in this section.



1-Southwest

Butler
Clermont
Clinton
Greene
Hamilton
Preble
Warren

2-West Central

Auglaize
Champaign
Clark
Darke
Logan
Mercer
Miami
Montgomery
Shelby

3-Northwest

Allen
Defiance
Fulton
Hancock
Henry
Lucas
Paulding
Putnam
Van Wert
Williams
Wood

4-North Central

Ashland
Huron
Medina
Sandusky
Erie
Lorain
Ottawa
Seneca
Wayne

5-South Central

Adams
Fayette
Highland
Lawrence
Pike
Scioto
Brown
Gallia
Jackson
Pickaway
Ross

6-Southeast

Athens
Fairfield
Guernsey
Hocking
Meigs
Monroe
Morgan
Muskingum
Noble
Perry
Vinton
Washington

7-East Central

Belmont
Carroll
Columbiana
Coshocton
Harrison
Holmes
Jefferson
Mahoning
Stark
Tuscarawas

8-Northeast

Ashtabula
Cuyahoga
Geauga
Lake
Portage
Summit
Trumbull

0-Central OH

Crawford
Delaware
Franklin
Hardin
Knox
Licking
Madison
Marion
Morrow
Richland
Union
Wyandot

STATE OF OHIO SUMMARY OF NEW SCHOOL CONSTRUCTION "OPINION OF PROBABLE COSTS"
 PER SQUARE FOOT OF FLOOR AREA
 BASELINE, REGION 0 (CENTRAL OHIO)
 2008 Design Manual Update

Regions	ELEMENTARY SCHOOLS					MIDDLE SCHOOLS					HIGH SCHOOLS																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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BASELINE													Site	\$19.64	\$17.84	\$17.15	\$16.85	\$19.99	\$18.65	\$18.64	\$18.11	\$18.98	\$18.44	\$20.83	\$19.67	Building	\$165.58	\$160.33	\$153.56	\$149.17	\$164.78	\$155.52	\$156.23	\$150.79	\$155.04	\$160.32	\$154.54	\$151.72	TOTAL	\$185.22	\$178.17	\$170.71	\$165.82	\$184.77	\$174.17	\$173.87	\$168.90	\$184.02	\$178.76	\$175.37	\$171.39	Non - Const. Costs	\$29.82	\$28.69	\$27.48	\$26.70	\$29.75	\$28.04	\$27.99	\$27.19	\$29.63	\$28.78	\$28.23	\$27.59	GRAND TOTAL	\$215.04	\$206.86	\$198.19	\$192.52	\$214.52	\$202.21	\$201.86	\$198.09	\$213.65	\$207.54	\$203.60	\$198.98	1 - SOUTH WEST					99.02								BASELINE													Site	\$19.46	\$17.67	\$16.98	\$16.49	\$19.79	\$18.47	\$18.46	\$17.93	\$18.79	\$18.26	\$20.63	\$19.48	Building	\$163.96	\$158.76	\$152.05	\$147.70	\$163.16	\$154.00	\$153.71	\$149.32	\$163.43	\$159.75	\$153.03	\$150.23	TOTAL	\$183.41	\$176.43	\$169.03	\$164.19	\$182.95	\$172.47	\$172.17	\$167.25	\$182.22	\$177.01	\$173.66	\$169.71	Non - Const. Costs	\$29.53	\$28.41	\$27.21	\$26.44	\$29.46	\$27.77	\$27.72	\$26.92	\$29.34	\$28.50	\$27.95	\$27.32	GRAND TOTAL	\$212.94	\$204.84	\$196.24	\$190.63	\$212.41	\$200.24	\$199.89	\$194.17	\$211.56	\$205.51	\$201.61	\$197.03	2 - WEST CENTRAL					99.76								BASELINE													Site	\$19.99	\$17.80	\$17.11	\$16.61	\$19.94	\$18.61	\$18.60	\$18.07	\$18.93	\$18.40	\$20.78	\$19.62	Building	\$165.18	\$159.95	\$153.19	\$148.81	\$164.38	\$155.15	\$154.86	\$150.43	\$164.65	\$159.94	\$154.17	\$151.36	TOTAL	\$184.77	\$177.75	\$170.30	\$165.42	\$184.32	\$173.76	\$173.46	\$168.50	\$183.58	\$178.34	\$174.95	\$170.98	Non - Const. Costs	\$29.75	\$28.62	\$27.41	\$26.64	\$29.66	\$27.97	\$27.92	\$27.12	\$29.56	\$28.71	\$28.16	\$27.52	GRAND TOTAL	\$214.52	\$206.37	\$197.71	\$192.06	\$214.00	\$201.73	\$201.38	\$195.62	\$213.14	\$207.05	\$203.11	\$198.50	3 - NORTHWEST					103.87								BASELINE													Site	\$20.40	\$18.53	\$17.81	\$17.29	\$20.76	\$19.37	\$19.37	\$18.81	\$19.71	\$19.15	\$21.64	\$20.43	Building	\$171.98	\$166.54	\$159.50	\$154.94	\$171.16	\$161.54	\$161.23	\$156.63	\$171.43	\$166.53	\$160.52	\$157.59	TOTAL	\$192.38	\$185.07	\$177.31	\$172.23	\$191.92	\$180.91	\$180.60	\$175.44	\$191.14	\$185.68	\$182.16	\$178.02	Non - Const. Costs	\$30.37	\$29.80	\$28.54	\$27.73	\$30.90	\$29.13	\$29.07	\$28.24	\$30.78	\$29.89	\$29.32	\$28.66	GRAND TOTAL	\$223.36	\$214.87	\$205.85	\$199.96	\$222.82	\$210.04	\$209.67	\$203.68	\$221.92	\$215.57	\$211.48	\$206.68	4 - NORTH CENTRAL					102.35								BASELINE													Site	\$20.10	\$18.26	\$17.55	\$17.04	\$20.46	\$19.09	\$19.09	\$18.54	\$19.43	\$18.87	\$21.32	\$20.13	Building	\$169.47	\$164.10	\$157.17	\$152.67	\$168.65	\$159.18	\$159.87	\$154.34	\$168.92	\$164.09	\$158.17	\$155.29	TOTAL	\$189.57	\$182.36	\$174.72	\$169.71	\$188.11	\$178.27	\$178.96	\$172.88	\$188.35	\$182.96	\$179.49	\$175.42	Non - Const. Costs	\$30.52	\$29.36	\$28.13	\$27.33	\$30.45	\$28.70	\$28.65	\$27.83	\$30.33	\$29.46	\$28.69	\$28.24	GRAND TOTAL	\$220.09	\$211.72	\$202.85	\$197.04	\$219.56	\$206.97	\$206.61	\$200.71	\$218.68	\$212.42	\$208.38	\$203.66													
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Non - Const. Costs	\$29.82	\$28.69	\$27.48	\$26.70	\$29.75	\$28.04	\$27.99	\$27.19	\$29.63	\$28.78	\$28.23	\$27.59																																																																																																																																																																																																																																																																																																																																																																																																																																																										
GRAND TOTAL	\$215.04	\$206.86	\$198.19	\$192.52	\$214.52	\$202.21	\$201.86	\$198.09	\$213.65	\$207.54	\$203.60	\$198.98																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1 - SOUTH WEST					99.02								BASELINE													Site	\$19.46	\$17.67	\$16.98	\$16.49	\$19.79	\$18.47	\$18.46	\$17.93	\$18.79	\$18.26	\$20.63	\$19.48	Building	\$163.96	\$158.76	\$152.05	\$147.70	\$163.16	\$154.00	\$153.71	\$149.32	\$163.43	\$159.75	\$153.03	\$150.23	TOTAL	\$183.41	\$176.43	\$169.03	\$164.19	\$182.95	\$172.47	\$172.17	\$167.25	\$182.22	\$177.01	\$173.66	\$169.71	Non - Const. Costs	\$29.53	\$28.41	\$27.21	\$26.44	\$29.46	\$27.77	\$27.72	\$26.92	\$29.34	\$28.50	\$27.95	\$27.32	GRAND TOTAL	\$212.94	\$204.84	\$196.24	\$190.63	\$212.41	\$200.24	\$199.89	\$194.17	\$211.56	\$205.51	\$201.61	\$197.03	2 - WEST CENTRAL					99.76								BASELINE													Site	\$19.99	\$17.80	\$17.11	\$16.61	\$19.94	\$18.61	\$18.60	\$18.07	\$18.93	\$18.40	\$20.78	\$19.62	Building	\$165.18	\$159.95	\$153.19	\$148.81	\$164.38	\$155.15	\$154.86	\$150.43	\$164.65	\$159.94	\$154.17	\$151.36	TOTAL	\$184.77	\$177.75	\$170.30	\$165.42	\$184.32	\$173.76	\$173.46	\$168.50	\$183.58	\$178.34	\$174.95	\$170.98	Non - Const. Costs	\$29.75	\$28.62	\$27.41	\$26.64	\$29.66	\$27.97	\$27.92	\$27.12	\$29.56	\$28.71	\$28.16	\$27.52	GRAND TOTAL	\$214.52	\$206.37	\$197.71	\$192.06	\$214.00	\$201.73	\$201.38	\$195.62	\$213.14	\$207.05	\$203.11	\$198.50	3 - NORTHWEST					103.87								BASELINE													Site	\$20.40	\$18.53	\$17.81	\$17.29	\$20.76	\$19.37	\$19.37	\$18.81	\$19.71	\$19.15	\$21.64	\$20.43	Building	\$171.98	\$166.54	\$159.50	\$154.94	\$171.16	\$161.54	\$161.23	\$156.63	\$171.43	\$166.53	\$160.52	\$157.59	TOTAL	\$192.38	\$185.07	\$177.31	\$172.23	\$191.92	\$180.91	\$180.60	\$175.44	\$191.14	\$185.68	\$182.16	\$178.02	Non - Const. Costs	\$30.37	\$29.80	\$28.54	\$27.73	\$30.90	\$29.13	\$29.07	\$28.24	\$30.78	\$29.89	\$29.32	\$28.66	GRAND TOTAL	\$223.36	\$214.87	\$205.85	\$199.96	\$222.82	\$210.04	\$209.67	\$203.68	\$221.92	\$215.57	\$211.48	\$206.68	4 - NORTH CENTRAL					102.35								BASELINE													Site	\$20.10	\$18.26	\$17.55	\$17.04	\$20.46	\$19.09	\$19.09	\$18.54	\$19.43	\$18.87	\$21.32	\$20.13	Building	\$169.47	\$164.10	\$157.17	\$152.67	\$168.65	\$159.18	\$159.87	\$154.34	\$168.92	\$164.09	\$158.17	\$155.29	TOTAL	\$189.57	\$182.36	\$174.72	\$169.71	\$188.11	\$178.27	\$178.96	\$172.88	\$188.35	\$182.96	\$179.49	\$175.42	Non - Const. Costs	\$30.52	\$29.36	\$28.13	\$27.33	\$30.45	\$28.70	\$28.65	\$27.83	\$30.33	\$29.46	\$28.69	\$28.24	GRAND TOTAL	\$220.09	\$211.72	\$202.85	\$197.04	\$219.56	\$206.97	\$206.61	\$200.71	\$218.68	\$212.42	\$208.38	\$203.66																																																																																											
BASELINE													Site	\$19.46	\$17.67	\$16.98	\$16.49	\$19.79	\$18.47	\$18.46	\$17.93	\$18.79	\$18.26	\$20.63	\$19.48	Building	\$163.96	\$158.76	\$152.05	\$147.70	\$163.16	\$154.00	\$153.71	\$149.32	\$163.43	\$159.75	\$153.03	\$150.23	TOTAL	\$183.41	\$176.43	\$169.03	\$164.19	\$182.95	\$172.47	\$172.17	\$167.25	\$182.22	\$177.01	\$173.66	\$169.71	Non - Const. Costs	\$29.53	\$28.41	\$27.21	\$26.44	\$29.46	\$27.77	\$27.72	\$26.92	\$29.34	\$28.50	\$27.95	\$27.32	GRAND TOTAL	\$212.94	\$204.84	\$196.24	\$190.63	\$212.41	\$200.24	\$199.89	\$194.17	\$211.56	\$205.51	\$201.61	\$197.03	2 - WEST CENTRAL					99.76								BASELINE													Site	\$19.99	\$17.80	\$17.11	\$16.61	\$19.94	\$18.61	\$18.60	\$18.07	\$18.93	\$18.40	\$20.78	\$19.62	Building	\$165.18	\$159.95	\$153.19	\$148.81	\$164.38	\$155.15	\$154.86	\$150.43	\$164.65	\$159.94	\$154.17	\$151.36	TOTAL	\$184.77	\$177.75	\$170.30	\$165.42	\$184.32	\$173.76	\$173.46	\$168.50	\$183.58	\$178.34	\$174.95	\$170.98	Non - Const. Costs	\$29.75	\$28.62	\$27.41	\$26.64	\$29.66	\$27.97	\$27.92	\$27.12	\$29.56	\$28.71	\$28.16	\$27.52	GRAND TOTAL	\$214.52	\$206.37	\$197.71	\$192.06	\$214.00	\$201.73	\$201.38	\$195.62	\$213.14	\$207.05	\$203.11	\$198.50	3 - NORTHWEST					103.87								BASELINE													Site	\$20.40	\$18.53	\$17.81	\$17.29	\$20.76	\$19.37	\$19.37	\$18.81	\$19.71	\$19.15	\$21.64	\$20.43	Building	\$171.98	\$166.54	\$159.50	\$154.94	\$171.16	\$161.54	\$161.23	\$156.63	\$171.43	\$166.53	\$160.52	\$157.59	TOTAL	\$192.38	\$185.07	\$177.31	\$172.23	\$191.92	\$180.91	\$180.60	\$175.44	\$191.14	\$185.68	\$182.16	\$178.02	Non - Const. Costs	\$30.37	\$29.80	\$28.54	\$27.73	\$30.90	\$29.13	\$29.07	\$28.24	\$30.78	\$29.89	\$29.32	\$28.66	GRAND TOTAL	\$223.36	\$214.87	\$205.85	\$199.96	\$222.82	\$210.04	\$209.67	\$203.68	\$221.92	\$215.57	\$211.48	\$206.68	4 - NORTH CENTRAL					102.35								BASELINE													Site	\$20.10	\$18.26	\$17.55	\$17.04	\$20.46	\$19.09	\$19.09	\$18.54	\$19.43	\$18.87	\$21.32	\$20.13	Building	\$169.47	\$164.10	\$157.17	\$152.67	\$168.65	\$159.18	\$159.87	\$154.34	\$168.92	\$164.09	\$158.17	\$155.29	TOTAL	\$189.57	\$182.36	\$174.72	\$169.71	\$188.11	\$178.27	\$178.96	\$172.88	\$188.35	\$182.96	\$179.49	\$175.42	Non - Const. Costs	\$30.52	\$29.36	\$28.13	\$27.33	\$30.45	\$28.70	\$28.65	\$27.83	\$30.33	\$29.46	\$28.69	\$28.24	GRAND TOTAL	\$220.09	\$211.72	\$202.85	\$197.04	\$219.56	\$206.97	\$206.61	\$200.71	\$218.68	\$212.42	\$208.38	\$203.66																																																																																																								
Site	\$19.46	\$17.67	\$16.98	\$16.49	\$19.79	\$18.47	\$18.46	\$17.93	\$18.79	\$18.26	\$20.63	\$19.48																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Building	\$163.96	\$158.76	\$152.05	\$147.70	\$163.16	\$154.00	\$153.71	\$149.32	\$163.43	\$159.75	\$153.03	\$150.23																																																																																																																																																																																																																																																																																																																																																																																																																																																										
TOTAL	\$183.41	\$176.43	\$169.03	\$164.19	\$182.95	\$172.47	\$172.17	\$167.25	\$182.22	\$177.01	\$173.66	\$169.71																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Non - Const. Costs	\$29.53	\$28.41	\$27.21	\$26.44	\$29.46	\$27.77	\$27.72	\$26.92	\$29.34	\$28.50	\$27.95	\$27.32																																																																																																																																																																																																																																																																																																																																																																																																																																																										
GRAND TOTAL	\$212.94	\$204.84	\$196.24	\$190.63	\$212.41	\$200.24	\$199.89	\$194.17	\$211.56	\$205.51	\$201.61	\$197.03																																																																																																																																																																																																																																																																																																																																																																																																																																																										
2 - WEST CENTRAL					99.76								BASELINE													Site	\$19.99	\$17.80	\$17.11	\$16.61	\$19.94	\$18.61	\$18.60	\$18.07	\$18.93	\$18.40	\$20.78	\$19.62	Building	\$165.18	\$159.95	\$153.19	\$148.81	\$164.38	\$155.15	\$154.86	\$150.43	\$164.65	\$159.94	\$154.17	\$151.36	TOTAL	\$184.77	\$177.75	\$170.30	\$165.42	\$184.32	\$173.76	\$173.46	\$168.50	\$183.58	\$178.34	\$174.95	\$170.98	Non - Const. Costs	\$29.75	\$28.62	\$27.41	\$26.64	\$29.66	\$27.97	\$27.92	\$27.12	\$29.56	\$28.71	\$28.16	\$27.52	GRAND TOTAL	\$214.52	\$206.37	\$197.71	\$192.06	\$214.00	\$201.73	\$201.38	\$195.62	\$213.14	\$207.05	\$203.11	\$198.50	3 - NORTHWEST					103.87								BASELINE													Site	\$20.40	\$18.53	\$17.81	\$17.29	\$20.76	\$19.37	\$19.37	\$18.81	\$19.71	\$19.15	\$21.64	\$20.43	Building	\$171.98	\$166.54	\$159.50	\$154.94	\$171.16	\$161.54	\$161.23	\$156.63	\$171.43	\$166.53	\$160.52	\$157.59	TOTAL	\$192.38	\$185.07	\$177.31	\$172.23	\$191.92	\$180.91	\$180.60	\$175.44	\$191.14	\$185.68	\$182.16	\$178.02	Non - Const. Costs	\$30.37	\$29.80	\$28.54	\$27.73	\$30.90	\$29.13	\$29.07	\$28.24	\$30.78	\$29.89	\$29.32	\$28.66	GRAND TOTAL	\$223.36	\$214.87	\$205.85	\$199.96	\$222.82	\$210.04	\$209.67	\$203.68	\$221.92	\$215.57	\$211.48	\$206.68	4 - NORTH CENTRAL					102.35								BASELINE													Site	\$20.10	\$18.26	\$17.55	\$17.04	\$20.46	\$19.09	\$19.09	\$18.54	\$19.43	\$18.87	\$21.32	\$20.13	Building	\$169.47	\$164.10	\$157.17	\$152.67	\$168.65	\$159.18	\$159.87	\$154.34	\$168.92	\$164.09	\$158.17	\$155.29	TOTAL	\$189.57	\$182.36	\$174.72	\$169.71	\$188.11	\$178.27	\$178.96	\$172.88	\$188.35	\$182.96	\$179.49	\$175.42	Non - Const. Costs	\$30.52	\$29.36	\$28.13	\$27.33	\$30.45	\$28.70	\$28.65	\$27.83	\$30.33	\$29.46	\$28.69	\$28.24	GRAND TOTAL	\$220.09	\$211.72	\$202.85	\$197.04	\$219.56	\$206.97	\$206.61	\$200.71	\$218.68	\$212.42	\$208.38	\$203.66																																																																																																																																																																																						
BASELINE													Site	\$19.99	\$17.80	\$17.11	\$16.61	\$19.94	\$18.61	\$18.60	\$18.07	\$18.93	\$18.40	\$20.78	\$19.62	Building	\$165.18	\$159.95	\$153.19	\$148.81	\$164.38	\$155.15	\$154.86	\$150.43	\$164.65	\$159.94	\$154.17	\$151.36	TOTAL	\$184.77	\$177.75	\$170.30	\$165.42	\$184.32	\$173.76	\$173.46	\$168.50	\$183.58	\$178.34	\$174.95	\$170.98	Non - Const. Costs	\$29.75	\$28.62	\$27.41	\$26.64	\$29.66	\$27.97	\$27.92	\$27.12	\$29.56	\$28.71	\$28.16	\$27.52	GRAND TOTAL	\$214.52	\$206.37	\$197.71	\$192.06	\$214.00	\$201.73	\$201.38	\$195.62	\$213.14	\$207.05	\$203.11	\$198.50	3 - NORTHWEST					103.87								BASELINE													Site	\$20.40	\$18.53	\$17.81	\$17.29	\$20.76	\$19.37	\$19.37	\$18.81	\$19.71	\$19.15	\$21.64	\$20.43	Building	\$171.98	\$166.54	\$159.50	\$154.94	\$171.16	\$161.54	\$161.23	\$156.63	\$171.43	\$166.53	\$160.52	\$157.59	TOTAL	\$192.38	\$185.07	\$177.31	\$172.23	\$191.92	\$180.91	\$180.60	\$175.44	\$191.14	\$185.68	\$182.16	\$178.02	Non - Const. Costs	\$30.37	\$29.80	\$28.54	\$27.73	\$30.90	\$29.13	\$29.07	\$28.24	\$30.78	\$29.89	\$29.32	\$28.66	GRAND TOTAL	\$223.36	\$214.87	\$205.85	\$199.96	\$222.82	\$210.04	\$209.67	\$203.68	\$221.92	\$215.57	\$211.48	\$206.68	4 - NORTH CENTRAL					102.35								BASELINE													Site	\$20.10	\$18.26	\$17.55	\$17.04	\$20.46	\$19.09	\$19.09	\$18.54	\$19.43	\$18.87	\$21.32	\$20.13	Building	\$169.47	\$164.10	\$157.17	\$152.67	\$168.65	\$159.18	\$159.87	\$154.34	\$168.92	\$164.09	\$158.17	\$155.29	TOTAL	\$189.57	\$182.36	\$174.72	\$169.71	\$188.11	\$178.27	\$178.96	\$172.88	\$188.35	\$182.96	\$179.49	\$175.42	Non - Const. Costs	\$30.52	\$29.36	\$28.13	\$27.33	\$30.45	\$28.70	\$28.65	\$27.83	\$30.33	\$29.46	\$28.69	\$28.24	GRAND TOTAL	\$220.09	\$211.72	\$202.85	\$197.04	\$219.56	\$206.97	\$206.61	\$200.71	\$218.68	\$212.42	\$208.38	\$203.66																																																																																																																																																																																																			
Site	\$19.99	\$17.80	\$17.11	\$16.61	\$19.94	\$18.61	\$18.60	\$18.07	\$18.93	\$18.40	\$20.78	\$19.62																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Building	\$165.18	\$159.95	\$153.19	\$148.81	\$164.38	\$155.15	\$154.86	\$150.43	\$164.65	\$159.94	\$154.17	\$151.36																																																																																																																																																																																																																																																																																																																																																																																																																																																										
TOTAL	\$184.77	\$177.75	\$170.30	\$165.42	\$184.32	\$173.76	\$173.46	\$168.50	\$183.58	\$178.34	\$174.95	\$170.98																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Non - Const. Costs	\$29.75	\$28.62	\$27.41	\$26.64	\$29.66	\$27.97	\$27.92	\$27.12	\$29.56	\$28.71	\$28.16	\$27.52																																																																																																																																																																																																																																																																																																																																																																																																																																																										
GRAND TOTAL	\$214.52	\$206.37	\$197.71	\$192.06	\$214.00	\$201.73	\$201.38	\$195.62	\$213.14	\$207.05	\$203.11	\$198.50																																																																																																																																																																																																																																																																																																																																																																																																																																																										
3 - NORTHWEST					103.87								BASELINE													Site	\$20.40	\$18.53	\$17.81	\$17.29	\$20.76	\$19.37	\$19.37	\$18.81	\$19.71	\$19.15	\$21.64	\$20.43	Building	\$171.98	\$166.54	\$159.50	\$154.94	\$171.16	\$161.54	\$161.23	\$156.63	\$171.43	\$166.53	\$160.52	\$157.59	TOTAL	\$192.38	\$185.07	\$177.31	\$172.23	\$191.92	\$180.91	\$180.60	\$175.44	\$191.14	\$185.68	\$182.16	\$178.02	Non - Const. Costs	\$30.37	\$29.80	\$28.54	\$27.73	\$30.90	\$29.13	\$29.07	\$28.24	\$30.78	\$29.89	\$29.32	\$28.66	GRAND TOTAL	\$223.36	\$214.87	\$205.85	\$199.96	\$222.82	\$210.04	\$209.67	\$203.68	\$221.92	\$215.57	\$211.48	\$206.68	4 - NORTH CENTRAL					102.35								BASELINE													Site	\$20.10	\$18.26	\$17.55	\$17.04	\$20.46	\$19.09	\$19.09	\$18.54	\$19.43	\$18.87	\$21.32	\$20.13	Building	\$169.47	\$164.10	\$157.17	\$152.67	\$168.65	\$159.18	\$159.87	\$154.34	\$168.92	\$164.09	\$158.17	\$155.29	TOTAL	\$189.57	\$182.36	\$174.72	\$169.71	\$188.11	\$178.27	\$178.96	\$172.88	\$188.35	\$182.96	\$179.49	\$175.42	Non - Const. Costs	\$30.52	\$29.36	\$28.13	\$27.33	\$30.45	\$28.70	\$28.65	\$27.83	\$30.33	\$29.46	\$28.69	\$28.24	GRAND TOTAL	\$220.09	\$211.72	\$202.85	\$197.04	\$219.56	\$206.97	\$206.61	\$200.71	\$218.68	\$212.42	\$208.38	\$203.66																																																																																																																																																																																																																																																																																	
BASELINE													Site	\$20.40	\$18.53	\$17.81	\$17.29	\$20.76	\$19.37	\$19.37	\$18.81	\$19.71	\$19.15	\$21.64	\$20.43	Building	\$171.98	\$166.54	\$159.50	\$154.94	\$171.16	\$161.54	\$161.23	\$156.63	\$171.43	\$166.53	\$160.52	\$157.59	TOTAL	\$192.38	\$185.07	\$177.31	\$172.23	\$191.92	\$180.91	\$180.60	\$175.44	\$191.14	\$185.68	\$182.16	\$178.02	Non - Const. Costs	\$30.37	\$29.80	\$28.54	\$27.73	\$30.90	\$29.13	\$29.07	\$28.24	\$30.78	\$29.89	\$29.32	\$28.66	GRAND TOTAL	\$223.36	\$214.87	\$205.85	\$199.96	\$222.82	\$210.04	\$209.67	\$203.68	\$221.92	\$215.57	\$211.48	\$206.68	4 - NORTH CENTRAL					102.35								BASELINE													Site	\$20.10	\$18.26	\$17.55	\$17.04	\$20.46	\$19.09	\$19.09	\$18.54	\$19.43	\$18.87	\$21.32	\$20.13	Building	\$169.47	\$164.10	\$157.17	\$152.67	\$168.65	\$159.18	\$159.87	\$154.34	\$168.92	\$164.09	\$158.17	\$155.29	TOTAL	\$189.57	\$182.36	\$174.72	\$169.71	\$188.11	\$178.27	\$178.96	\$172.88	\$188.35	\$182.96	\$179.49	\$175.42	Non - Const. Costs	\$30.52	\$29.36	\$28.13	\$27.33	\$30.45	\$28.70	\$28.65	\$27.83	\$30.33	\$29.46	\$28.69	\$28.24	GRAND TOTAL	\$220.09	\$211.72	\$202.85	\$197.04	\$219.56	\$206.97	\$206.61	\$200.71	\$218.68	\$212.42	\$208.38	\$203.66																																																																																																																																																																																																																																																																																														
Site	\$20.40	\$18.53	\$17.81	\$17.29	\$20.76	\$19.37	\$19.37	\$18.81	\$19.71	\$19.15	\$21.64	\$20.43																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Building	\$171.98	\$166.54	\$159.50	\$154.94	\$171.16	\$161.54	\$161.23	\$156.63	\$171.43	\$166.53	\$160.52	\$157.59																																																																																																																																																																																																																																																																																																																																																																																																																																																										
TOTAL	\$192.38	\$185.07	\$177.31	\$172.23	\$191.92	\$180.91	\$180.60	\$175.44	\$191.14	\$185.68	\$182.16	\$178.02																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Non - Const. Costs	\$30.37	\$29.80	\$28.54	\$27.73	\$30.90	\$29.13	\$29.07	\$28.24	\$30.78	\$29.89	\$29.32	\$28.66																																																																																																																																																																																																																																																																																																																																																																																																																																																										
GRAND TOTAL	\$223.36	\$214.87	\$205.85	\$199.96	\$222.82	\$210.04	\$209.67	\$203.68	\$221.92	\$215.57	\$211.48	\$206.68																																																																																																																																																																																																																																																																																																																																																																																																																																																										
4 - NORTH CENTRAL					102.35								BASELINE													Site	\$20.10	\$18.26	\$17.55	\$17.04	\$20.46	\$19.09	\$19.09	\$18.54	\$19.43	\$18.87	\$21.32	\$20.13	Building	\$169.47	\$164.10	\$157.17	\$152.67	\$168.65	\$159.18	\$159.87	\$154.34	\$168.92	\$164.09	\$158.17	\$155.29	TOTAL	\$189.57	\$182.36	\$174.72	\$169.71	\$188.11	\$178.27	\$178.96	\$172.88	\$188.35	\$182.96	\$179.49	\$175.42	Non - Const. Costs	\$30.52	\$29.36	\$28.13	\$27.33	\$30.45	\$28.70	\$28.65	\$27.83	\$30.33	\$29.46	\$28.69	\$28.24	GRAND TOTAL	\$220.09	\$211.72	\$202.85	\$197.04	\$219.56	\$206.97	\$206.61	\$200.71	\$218.68	\$212.42	\$208.38	\$203.66																																																																																																																																																																																																																																																																																																																																																																												
BASELINE													Site	\$20.10	\$18.26	\$17.55	\$17.04	\$20.46	\$19.09	\$19.09	\$18.54	\$19.43	\$18.87	\$21.32	\$20.13	Building	\$169.47	\$164.10	\$157.17	\$152.67	\$168.65	\$159.18	\$159.87	\$154.34	\$168.92	\$164.09	\$158.17	\$155.29	TOTAL	\$189.57	\$182.36	\$174.72	\$169.71	\$188.11	\$178.27	\$178.96	\$172.88	\$188.35	\$182.96	\$179.49	\$175.42	Non - Const. Costs	\$30.52	\$29.36	\$28.13	\$27.33	\$30.45	\$28.70	\$28.65	\$27.83	\$30.33	\$29.46	\$28.69	\$28.24	GRAND TOTAL	\$220.09	\$211.72	\$202.85	\$197.04	\$219.56	\$206.97	\$206.61	\$200.71	\$218.68	\$212.42	\$208.38	\$203.66																																																																																																																																																																																																																																																																																																																																																																																									
Site	\$20.10	\$18.26	\$17.55	\$17.04	\$20.46	\$19.09	\$19.09	\$18.54	\$19.43	\$18.87	\$21.32	\$20.13																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Building	\$169.47	\$164.10	\$157.17	\$152.67	\$168.65	\$159.18	\$159.87	\$154.34	\$168.92	\$164.09	\$158.17	\$155.29																																																																																																																																																																																																																																																																																																																																																																																																																																																										
TOTAL	\$189.57	\$182.36	\$174.72	\$169.71	\$188.11	\$178.27	\$178.96	\$172.88	\$188.35	\$182.96	\$179.49	\$175.42																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Non - Const. Costs	\$30.52	\$29.36	\$28.13	\$27.33	\$30.45	\$28.70	\$28.65	\$27.83	\$30.33	\$29.46	\$28.69	\$28.24																																																																																																																																																																																																																																																																																																																																																																																																																																																										
GRAND TOTAL	\$220.09	\$211.72	\$202.85	\$197.04	\$219.56	\$206.97	\$206.61	\$200.71	\$218.68	\$212.42	\$208.38	\$203.66																																																																																																																																																																																																																																																																																																																																																																																																																																																										

**EXPLANATION OF K – 12 CHART
OPINION OF PROBABLE COST**

Regions	REG	ELEMNTARY SCHOOLS			TYPE OF SCHOOL FACILITY
	MODIF. FACTOR	350-400 Students 43,750 - 50,000 SF	401 - 600 Students 50,001 - 69,360 SF	601 Students and up 69,361 SF and up	
BASELINE					
0 – CENTRAL OH	100.00				AVERAGE SITE COST PER SF
Site		\$17.40	\$15.81	\$15.19	
Building		\$146.69	\$142.06	\$136.05	
TOTAL		\$164.09	\$157.87	\$151.24	TOTAL BUILDING AND SITE COST PER SF
Non - Const. Costs		\$26.29	\$25.27	\$24.21	
GRAND TOTAL		\$190.38	\$183.14	\$175.45	
1 – SOUTH WEST	97.87				NON-CONSTRUCTION COST PER SF
Site		\$17.03	\$15.47	\$14.87	
Building		143.57	139.03	133.15	
TOTAL		\$160.60	\$154.50	\$148.02	TOTAL PROJECT COST IN DOLLARS PER SF
Non - Const. Costs		\$25.73	\$24.73	23.69	
GRAND TOTAL		\$186.33	\$179.23	\$171.71	
					TOTAL PROJECT

OPINION OF PROBABLE CONSTRUCTION COSTS**Construction Costs**

Site Cost		See Chart
Building Cost		See Chart
Building cost to include loose furnishings, technology, and security systems.		
Division of project budgets for these areas is to be determined by project team.		
Construction Contingency	(new)	5.0%
	(renovation)	7.0%

<u>Non-Construction Costs (% of Site/Building Cost)</u>	<u>NEW</u>	<u>RENOV</u>
Land Survey	0.08%	0.03%
Soils/Environmental Report	0.07%	0.10%
Agency Approval Fees	0.30%	0.15%
Construction Testing	0.50%	0.25%
Printing – Bid Documents	0.29%	0.27%
Advertising for Bids	0.02%	0.03%
Builder's Risk Insurance	0.22%	0.11%
Non-Construction Contingency		
Commissioning	0.33%	0.42%
Maintenance Plan Advisor/Consultant	0.07%	0.11%
Non-Construction Contingency	1.72%	1.32%

Design Professional Fee*

Construction Management Fee*

USGBC LEED Fees for Registration are paid 100% by the OSFC.

Note: A factor for inflation is intended to address the cost of inflation for the duration of the project.

* The Non-Construction Costs includes a budget of 6.5% for new and 7.5% for renovations for the Design Professional Fee, and 6.0% for the Construction Management Fee.

**OHIO SCHOOL FACILITIES COMMISSION
CAREER-TECHNICAL
OPINION OF PROBABLE COSTS FOR
CORE AND PROGRAM AREAS FOR NEW SCHOOL/ADDITION CONSTRUCTION**

“OVERALL PROJECT COST SUMMARY SHEET”

**BASELINE IS REGION 0 (CENTRAL OHIO)
Updated: 2006**

Summary of Core Area and Program Costs

Core Spaces

Total SF of all Core Spaces

Total SF	\$/SF	Total
0	\$0.00	\$0.00

This figure is calculated from the bracketing sheets for the Core and is the total Core SF.

This figure is taken from the “Core SF Cost Summary Sheet” for the particular size school.

This figure is calculated by using the total SF for each specific Program from the Program bracketing sheets.

Program Spaces

Total SF of all Program Spaces

0	\$0.00	\$0.00
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This figure is calculated by using the total cost of all Program Types from the Program bracketing sheets and dividing by the total square feet.

Factor is taken from Regional Factor sheet. Subtotal is multiplied by Regional Factor.

Subtotal

\$0.00

Regional Factor
(insert from Regional Factor List)

1.0000

Total Funded Amount

\$0.00

This amount is total funded amount and is a total of Core Program space funding.

Total Cost Per Square Foot

\$0.00

**OHIO SCHOOL FACILITIES COMMISSION
CAREER TECHNICAL
OPINION OF PROBABLE COSTS FOR
FOR NEW SCHOOL / ADDITION CONSTRUCTION**

"REGIONAL FACTORS"

BASELINE IS REGION 0 (Central Ohio)

Updated: 2008

<u>Region</u>	<u>Approximate Location</u>	<u>2008 Final Regional Factor</u>
0	Central OH	1.0000
1	South West	0.9902
2	West Central	0.9976
3	North West	1.0387
4	North Central	1.0235
5	South Central	1.0140
6	South East	1.0050
7	East Central	1.0070
8	North East	1.0416

Note: The above Regional Factors are to be used on the "Overall Project Cost Summary " Sheet when calculating total funding for a particular Career-Technical District.

**OHIO SCHOOL FACILITIES COMMISSION
CAREER-TECHNICAL SUPPLEMENT
2008 OSDM Update - Career Tech**

PROGRAM TYPE 1	PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Fum. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Constr. Costs (\$/SF based on 16.1% of Site +BBC + Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<u>Accounting</u>								
Lab	1,200	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	4.89%
Related Office	120	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	
Related Storage	200	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	
<u>Administrative/Office Technology</u>								
<u>Legal Office Management</u>								
<u>Medical Office Management</u>								
Lab	1,200	\$ 19.57	\$ 151.78	\$ 8.57	\$ 179.92	\$ 28.97	\$ 208.89	4.89%
Related Office	120	\$ 19.57	\$ 151.78	\$ 8.57	\$ 179.92	\$ 28.97	\$ 208.89	
Related Storage	200	\$ 19.57	\$ 151.78	\$ 8.57	\$ 179.92	\$ 28.97	\$ 208.89	
<u>Aviation Occupations</u>								
Lab	1,200	\$ 19.57	\$ 182.66	\$ 10.11	\$ 212.35	\$ 34.19	\$ 246.54	4.89%
Related Office	120	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	
Related Storage	200	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	
<u>Business Management</u>								
Lab	1,200	\$ 19.57	\$ 173.55	\$ 9.66	\$ 202.78	\$ 32.65	\$ 235.42	4.89%
Related Office	120	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	
Related Storage	200	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	
<u>Information Support & Services</u>								
<u>Programming & Software Development</u>								
<u>Interactive Media</u>								
<u>Network Systems</u>								
Lab	1,200	\$ 19.57	\$ 152.54	\$ 8.61	\$ 180.72	\$ 29.10	\$ 209.82	4.89%
Related Office	120	\$ 19.57	\$ 152.54	\$ 8.61	\$ 180.72	\$ 29.10	\$ 209.82	
Related Storage	200	\$ 19.57	\$ 152.54	\$ 8.61	\$ 180.72	\$ 29.10	\$ 209.82	
<u>Diversified Cooperative Health Occupations</u>								
Lab	1,500	\$ 19.57	\$ 137.11	\$ 7.83	\$ 164.51	\$ 26.49	\$ 191.00	4.89%
Related Office	120	\$ 19.57	\$ 137.11	\$ 7.83	\$ 164.51	\$ 26.49	\$ 191.00	
Related Storage	200	\$ 19.57	\$ 137.11	\$ 7.83	\$ 164.51	\$ 26.49	\$ 191.00	
<u>Drafting Occupations</u>								
<u>Computer Integrated Manufacturing</u>								
<u>Civil Engineering & Architecture</u>								
<u>Fuel Cell Technologies</u>								
Lab	1,500	\$ 19.57	\$ 149.99	\$ 8.48	\$ 178.04	\$ 28.66	\$ 206.70	4.89%
Related Office	120	\$ 19.57	\$ 149.99	\$ 8.48	\$ 178.04	\$ 28.66	\$ 206.70	
Related Storage	200	\$ 19.57	\$ 149.99	\$ 8.48	\$ 178.04	\$ 28.66	\$ 206.70	
<u>Electronics</u>								
<u>Automation & Robotics</u>								
Lab	1,800	\$ 19.57	\$ 141.77	\$ 8.07	\$ 169.42	\$ 27.28	\$ 196.69	4.89%
Related Office	120	\$ 19.57	\$ 141.77	\$ 8.07	\$ 169.42	\$ 27.28	\$ 196.69	
Related Storage	200	\$ 19.57	\$ 141.77	\$ 8.07	\$ 169.42	\$ 27.28	\$ 196.69	
<u>Entertainment Marketing</u>								
Lab	1,500	\$ 19.57	\$ 174.60	\$ 9.71	\$ 203.89	\$ 32.83	\$ 236.71	4.89%
Related Office	120	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	
Related Storage	200	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	
<u>Financial Services</u>								
Lab	1,200	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	4.89%
Related Office	120	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	
Related Storage	200	\$ 19.57	\$ 154.82	\$ 8.72	\$ 183.12	\$ 29.48	\$ 212.60	
<u>Telecommunications</u>								
Lab	1,200	\$ 19.57	\$ 151.78	\$ 8.57	\$ 179.92	\$ 28.97	\$ 208.89	4.89%
Related Office	120	\$ 19.57	\$ 151.78	\$ 8.57	\$ 179.92	\$ 28.97	\$ 208.89	
Related Storage	200	\$ 19.57	\$ 151.78	\$ 8.57	\$ 179.92	\$ 28.97	\$ 208.89	
<u>Hospitality and Tourism</u>								
Lab	1,200	\$ 19.57	\$ 154.14	\$ 8.69	\$ 182.40	\$ 29.37	\$ 211.77	4.89%
Related Office	120	\$ 19.57	\$ 154.14	\$ 8.69	\$ 182.40	\$ 29.37	\$ 211.77	
Related Storage	200	\$ 19.57	\$ 154.14	\$ 8.69	\$ 182.40	\$ 29.37	\$ 211.77	

**OHIO SCHOOL FACILITIES COMMISSION
CAREER-TECHNICAL SUPPLEMENT
2008 OSDM Update - Career Tech**

PROGRAM TYPE 2	PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Furn. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Constr. Costs (\$/SF based on 16.1% of Site +BBC + Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<i>Health Unit Coordinator</i>								
<i>Health Informatics Pathway</i>								
Lab	1,500	\$ 19.57	\$ 137.10	\$ 7.83	\$ 164.51	\$ 26.49	\$ 191.00	4.89%
Related Office	120	\$ 19.57	\$ 137.10	\$ 7.83	\$ 164.51	\$ 26.49	\$ 191.00	
Related Storage	200	\$ 19.57	\$ 137.10	\$ 7.83	\$ 164.51	\$ 26.49	\$ 191.00	
Related Changing Room	490	\$ 19.57	\$ 137.10	\$ 7.83	\$ 164.51	\$ 26.49	\$ 191.00	
<i>Home Health</i>								
<i>Community Health Aide</i>								
Lab	1,500	\$ 19.57	\$ 141.05	\$ 8.03	\$ 168.65	\$ 27.15	\$ 195.81	4.89%
Related Office	120	\$ 19.57	\$ 141.05	\$ 8.03	\$ 168.65	\$ 27.15	\$ 195.81	
Related Storage	200	\$ 19.57	\$ 141.05	\$ 8.03	\$ 168.65	\$ 27.15	\$ 195.81	
Related Changing Room	490	\$ 19.57	\$ 141.05	\$ 8.03	\$ 168.65	\$ 27.15	\$ 195.81	
<i>Dental Laboratory Technology</i>								
Lab	1,500	\$ 19.57	\$ 170.59	\$ 9.51	\$ 199.67	\$ 32.15	\$ 231.82	4.89%
Related Office	120	\$ 19.57	\$ 170.59	\$ 9.51	\$ 199.67	\$ 32.15	\$ 231.82	
Related Storage	200	\$ 19.57	\$ 170.59	\$ 9.51	\$ 199.67	\$ 32.15	\$ 231.82	
Related Changing Room	490	\$ 19.57	\$ 170.59	\$ 9.51	\$ 199.67	\$ 32.15	\$ 231.82	
<i>Emergency Medical Technician</i>								
Lab	1,500	\$ 19.57	\$ 145.00	\$ 8.23	\$ 172.80	\$ 27.82	\$ 200.62	4.89%
Related Office	120	\$ 19.57	\$ 145.00	\$ 8.23	\$ 172.80	\$ 27.82	\$ 200.62	
Related Storage	200	\$ 19.57	\$ 145.00	\$ 8.23	\$ 172.80	\$ 27.82	\$ 200.62	
Related Changing Room	490	\$ 19.57	\$ 145.00	\$ 8.23	\$ 172.80	\$ 27.82	\$ 200.62	
<i>ExerciseScience/Sports & Recreation Health Care</i>								
Lab	1,500	\$ 19.57	\$ 143.06	\$ 8.13	\$ 170.77	\$ 27.49	\$ 198.26	4.89%
Related Office	120	\$ 19.57	\$ 143.06	\$ 8.13	\$ 170.77	\$ 27.49	\$ 198.26	
Related Storage	200	\$ 19.57	\$ 143.06	\$ 8.13	\$ 170.77	\$ 27.49	\$ 198.26	
Related Changing Room	490	\$ 19.57	\$ 143.06	\$ 8.13	\$ 170.77	\$ 27.49	\$ 198.26	
<i>Industrial Laboratory Assisting</i>								
<i>Medical Laboratory Technology</i>								
<i>Chemical Laboratory Assisting</i>								
<i>Criminal Science Technology</i>								
Lab	1,500	\$ 19.57	\$ 167.72	\$ 9.36	\$ 196.66	\$ 31.66	\$ 228.32	4.89%
Related Office	120	\$ 19.57	\$ 167.72	\$ 9.36	\$ 196.66	\$ 31.66	\$ 228.32	
Related Storage	200	\$ 19.57	\$ 167.72	\$ 9.36	\$ 196.66	\$ 31.66	\$ 228.32	
Related Changing Room	490	\$ 19.57	\$ 167.72	\$ 9.36	\$ 196.66	\$ 31.66	\$ 228.32	
<i>Biotechnology</i>								
<i>Pharmacy Assisting</i>								
Lab	1,500	\$ 19.57	\$ 173.05	\$ 9.63	\$ 202.25	\$ 32.56	\$ 234.81	4.89%
Related Office	120	\$ 19.57	\$ 173.05	\$ 9.63	\$ 202.25	\$ 32.56	\$ 234.81	
Related Storage	200	\$ 19.57	\$ 173.05	\$ 9.63	\$ 202.25	\$ 32.56	\$ 234.81	
Related Changing Room	490	\$ 19.57	\$ 173.05	\$ 9.63	\$ 202.25	\$ 32.56	\$ 234.81	
<i>Practical Nursing</i>								
Lab	1,500	\$ 19.57	\$ 140.32	\$ 7.99	\$ 167.89	\$ 27.03	\$ 194.92	4.89%
Related Office	120	\$ 19.57	\$ 140.32	\$ 7.99	\$ 167.89	\$ 27.03	\$ 194.92	
Related Storage	200	\$ 19.57	\$ 140.32	\$ 7.99	\$ 167.89	\$ 27.03	\$ 194.92	
Related Changing Room	490	\$ 19.57	\$ 140.32	\$ 7.99	\$ 167.89	\$ 27.03	\$ 194.92	
<i>Health Support Pathway</i>								
<i>Therapeutic Pathway</i>								
Lab	1,500	\$ 19.57	\$ 141.05	\$ 8.03	\$ 168.65	\$ 27.15	\$ 195.81	4.89%
Related Office	120	\$ 19.57	\$ 141.05	\$ 8.03	\$ 168.65	\$ 27.15	\$ 195.81	
Related Storage	200	\$ 19.57	\$ 141.05	\$ 8.03	\$ 168.65	\$ 27.15	\$ 195.81	
Related Changing Room	490	\$ 19.57	\$ 141.05	\$ 8.03	\$ 168.65	\$ 27.15	\$ 195.81	

**OHIO SCHOOL FACILITIES COMMISSION
CAREER-TECHNICAL SUPPLEMENT
2008 OSDM Update - Career Tech**

PROGRAM TYPE 3	PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Furn. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Const. Costs (\$/SF based on 16.1% of Site +BBC + Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<u>Commercial Art Occupations</u>								
Lab	1,500	\$ 19.57	\$ 162.48	\$ 9.10	\$ 191.16	\$ 30.78	\$ 221.94	4.89%
Related Office	120	\$ 19.57	\$ 162.48	\$ 9.10	\$ 191.16	\$ 30.78	\$ 221.94	
Related Storage	200	\$ 19.57	\$ 162.48	\$ 9.10	\$ 191.16	\$ 30.78	\$ 221.94	
Darkroom	250	\$ 19.57	\$ 162.48	\$ 9.10	\$ 191.16	\$ 30.78	\$ 221.94	
<u>Commercial Photography Occupations</u>								
Lab	1,500	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	4.89%
Related Office	120	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Related Storage	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Print Darkroom	350	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Film Darkroom	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Film Loading Room	80	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
<u>Early Childhood Education and Care</u>								
Lab	1,500	\$ 19.57	\$ 148.06	\$ 8.38	\$ 176.02	\$ 28.34	\$ 204.36	4.89%
Related Office	120	\$ 19.57	\$ 148.06	\$ 8.38	\$ 176.02	\$ 28.34	\$ 204.36	
Related Storage	200	\$ 19.57	\$ 148.06	\$ 8.38	\$ 176.02	\$ 28.34	\$ 204.36	
Observation	120	\$ 19.57	\$ 148.06	\$ 8.38	\$ 176.02	\$ 28.34	\$ 204.36	
Infants	700	\$ 19.57	\$ 148.06	\$ 8.38	\$ 176.02	\$ 28.34	\$ 204.36	
Kitchenette	350	\$ 19.57	\$ 148.06	\$ 8.38	\$ 176.02	\$ 28.34	\$ 204.36	
Work Room	150	\$ 19.57	\$ 148.06	\$ 8.38	\$ 176.02	\$ 28.34	\$ 204.36	
Toddler Restroom	60	\$ 19.57	\$ 148.06	\$ 8.38	\$ 176.02	\$ 28.34	\$ 204.36	
Reception	500	\$ 19.57	\$ 148.06	\$ 8.38	\$ 176.02	\$ 28.34	\$ 204.36	
Playground	1,300	\$ 19.57	\$ 72.47	\$ 4.60	\$ 96.64	\$ 15.56	\$ 112.20	
<u>Graphics Occupations</u>								
Lab	2,400	\$ 19.57	\$ 124.77	\$ 7.22	\$ 151.56	\$ 24.40	\$ 175.97	4.89%
Related Office	120	\$ 19.57	\$ 124.77	\$ 7.22	\$ 151.56	\$ 24.40	\$ 175.97	
Related Storage	200	\$ 19.57	\$ 124.77	\$ 7.22	\$ 151.56	\$ 24.40	\$ 175.97	
Darkroom	250	\$ 19.57	\$ 124.77	\$ 7.22	\$ 151.56	\$ 24.40	\$ 175.97	
<u>Ground Operations</u>								
Lab	1,500	\$ 19.57	\$ 135.79	\$ 7.77	\$ 163.13	\$ 26.26	\$ 189.40	4.89%
Related Office	120	\$ 19.57	\$ 135.79	\$ 7.77	\$ 163.13	\$ 26.26	\$ 189.40	
Related Storage	200	\$ 19.57	\$ 135.79	\$ 7.77	\$ 163.13	\$ 26.26	\$ 189.40	
Reference Room	150	\$ 19.57	\$ 135.79	\$ 7.77	\$ 163.13	\$ 26.26	\$ 189.40	
<u>Hotels and Resorts</u>								
Lab	1,500	\$ 19.57	\$ 142.72	\$ 8.11	\$ 170.40	\$ 27.44	\$ 197.84	4.89%
Related Office	120	\$ 19.57	\$ 142.72	\$ 8.11	\$ 170.40	\$ 27.44	\$ 197.84	
Related Storage	200	\$ 19.57	\$ 142.72	\$ 8.11	\$ 170.40	\$ 27.44	\$ 197.84	
Banquet Room	800	\$ 19.57	\$ 142.72	\$ 8.11	\$ 170.40	\$ 27.44	\$ 197.84	
<u>E-Commerce Marketing</u>								
Lab	900	\$ 19.57	\$ 181.43	\$ 10.05	\$ 211.05	\$ 33.98	\$ 245.03	4.89%
Related Office	120	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Related Storage	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Bookstore	800	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Display	100	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
<u>Marketing Management and Research</u>								
Lab	900	\$ 19.57	\$ 180.06	\$ 9.98	\$ 209.61	\$ 33.75	\$ 243.36	4.89%
Bookstore	800	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Display	100	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Related Office	120	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Related Storage	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
<u>Marketing Technology</u>								
<u>Sports Marketing</u>								
Lab	1,000	\$ 19.57	\$ 180.06	\$ 9.98	\$ 209.61	\$ 33.75	\$ 243.36	4.89%
Bookstore	800	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Display	100	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Related Office	120	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Related Storage	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	

**OHIO SCHOOL FACILITIES COMMISSION
CAREER-TECHNICAL SUPPLEMENT
2008 OSDM Update - Career Tech**

PROGRAM TYPE 4	2008 PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Furn. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Constr. Costs (\$/SF based on 16.1% of Site +BBC + Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<i>Cosmetology</i>								
Lab	1,600	\$ 19.57	\$ 146.74	\$ 8.32	\$ 174.63	\$ 28.12	\$ 202.74	4.89%
Related Classrooms	900	\$ 19.57	\$ 146.74	\$ 8.32	\$ 174.63	\$ 28.12	\$ 202.74	
Related Office	120	\$ 19.57	\$ 146.74	\$ 8.32	\$ 174.63	\$ 28.12	\$ 202.74	
Related Storage	200	\$ 19.57	\$ 146.74	\$ 8.32	\$ 174.63	\$ 28.12	\$ 202.74	
Related Changing Room	450	\$ 19.57	\$ 146.74	\$ 8.32	\$ 174.63	\$ 28.12	\$ 202.74	
Dispensary	175	\$ 19.57	\$ 146.74	\$ 8.32	\$ 174.63	\$ 28.12	\$ 202.74	
Laundry Room	150	\$ 19.57	\$ 146.74	\$ 8.32	\$ 174.63	\$ 28.12	\$ 202.74	
Facial Room	200	\$ 19.57	\$ 146.74	\$ 8.32	\$ 174.63	\$ 28.12	\$ 202.74	
Manicure Room	200	\$ 19.57	\$ 146.74	\$ 8.32	\$ 174.63	\$ 28.12	\$ 202.74	
Customer Toilet	60	\$ 19.57	\$ 146.74	\$ 8.32	\$ 174.63	\$ 28.12	\$ 202.74	
<i>Criminal Justice</i>								
Lab	1,200	\$ 19.57	\$ 143.28	\$ 8.14	\$ 171.00	\$ 27.53	\$ 198.53	4.89%
Related Classrooms	900	\$ 19.57	\$ 143.28	\$ 8.14	\$ 171.00	\$ 27.53	\$ 198.53	
Related Office	120	\$ 19.57	\$ 143.28	\$ 8.14	\$ 171.00	\$ 27.53	\$ 198.53	
Related Storage	200	\$ 19.57	\$ 143.28	\$ 8.14	\$ 171.00	\$ 27.53	\$ 198.53	
Related Changing Room	450	\$ 19.57	\$ 143.28	\$ 8.14	\$ 171.00	\$ 27.53	\$ 198.53	
Weight Room	800	\$ 19.57	\$ 143.28	\$ 8.14	\$ 171.00	\$ 27.53	\$ 198.53	
Interrogation Room	150	\$ 19.57	\$ 143.28	\$ 8.14	\$ 171.00	\$ 27.53	\$ 198.53	
<i>Culinary Arts and Food Service Management</i>								
Lab	1,800	\$ 19.57	\$ 269.65	\$ 14.46	\$ 303.68	\$ 48.89	\$ 352.58	4.89%
Related Classrooms	900	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Related Office	120	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Related Storage	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Related Changing Room	450	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Restaurant	1,500	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
Dry Storage	150	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.56	
<i>Dental Assistant</i>								
Lab	1,500	\$ 19.57	\$ 172.58	\$ 9.61	\$ 201.76	\$ 32.48	\$ 234.24	4.89%
Related Classrooms	900	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Related Office	120	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Related Storage	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Related Changing Room	450	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
X-Ray Room	80	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Darkroom	80	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
<i>Diversified Health Occupations</i>								
Lab	1,200	\$ 19.57	\$ 172.18	\$ 9.59	\$ 201.34	\$ 32.42	\$ 233.76	4.89%
Related Classrooms	900	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Related Office	120	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Related Storage	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Related Changing Room	450	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Exam Room	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
<i>Medical Assistant</i>								
Lab	1,200	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	4.89%
Related Classrooms	900	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Related Office	120	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Related Storage	200	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Related Changing Room	450	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Training Restroom	120	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Laundry Room	120	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
<i>Nurse Assisting</i>								
Lab	1,200	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	4.89%
Related Classrooms	900	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Related Office	120	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Related Storage	200	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Related Changing Room	450	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Training Restroom	120	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Laundry Room	120	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
Exam Room	160	\$ 19.57	\$ 147.33	\$ 8.35	\$ 175.25	\$ 28.22	\$ 203.47	
<i>Optometric Occupations</i>								
Lab	1,200	\$ 19.57	\$ 179.96	\$ 9.98	\$ 209.51	\$ 33.73	\$ 243.24	4.89%
Related Classrooms	900	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Related Office	120	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Related Storage	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Related Changing Room	450	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	
Exam Room	200	\$ 19.57	\$ 154.80	\$ 8.72	\$ 183.09	\$ 29.48	\$ 212.57	

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PROGRAM TYPE 4	2008 PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Furn. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Constr. Costs (\$/SF based on 16.1% of Site +BBC + Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<u>Patient Care Technician</u>								
Lab	1,500	\$ 19.57	\$ 145.23	\$ 8.24	\$ 173.04	\$ 27.86	\$ 200.90	4.89%
Related Classrooms	900	\$ 19.57	\$ 145.23	\$ 8.24	\$ 173.04	\$ 27.86	\$ 200.90	
Related Office	120	\$ 19.57	\$ 145.23	\$ 8.24	\$ 173.04	\$ 27.86	\$ 200.90	
Related Storage	200	\$ 19.57	\$ 145.23	\$ 8.24	\$ 173.04	\$ 27.86	\$ 200.90	
Related Changing Room	450	\$ 19.57	\$ 145.23	\$ 8.24	\$ 173.04	\$ 27.86	\$ 200.90	
Training Restroom	120	\$ 19.57	\$ 145.23	\$ 8.24	\$ 173.04	\$ 27.86	\$ 200.90	
Laundry Room	120	\$ 19.57	\$ 145.23	\$ 8.24	\$ 173.04	\$ 27.86	\$ 200.90	
<u>Diagnostic Pathway</u>								
Lab	1,200	\$ 19.57	\$ 140.27	\$ 7.99	\$ 167.83	\$ 27.02	\$ 194.85	4.89%
Related Classrooms	900	\$ 19.57	\$ 140.27	\$ 7.99	\$ 167.83	\$ 27.02	\$ 194.85	
Related Office	120	\$ 19.57	\$ 140.27	\$ 7.99	\$ 167.83	\$ 27.02	\$ 194.85	
Related Storage	200	\$ 19.57	\$ 140.27	\$ 7.99	\$ 167.83	\$ 27.02	\$ 194.85	
Related Changing Room	450	\$ 19.57	\$ 140.27	\$ 7.99	\$ 167.83	\$ 27.02	\$ 194.85	
Exam Room	200	\$ 19.57	\$ 140.27	\$ 7.99	\$ 167.83	\$ 27.02	\$ 194.85	
<u>Animal Science and Management (small animal)</u>								
Lab	1,000	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	4.89%
Related Classrooms	900	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	
Related Office	120	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	
Related Storage	200	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	
Related Changing Room	450	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	
Pet Shop	1,200	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	
Clinic	350	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	
Grooming	350	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	
Animal Room	200	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	
Animal Room	600	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	
Kennel	250	\$ 19.57	\$ 156.35	\$ 8.80	\$ 184.72	\$ 29.74	\$ 214.45	
<u>Surgical Technology</u>								
Lab	1,000	\$ 19.57	\$ 153.12	\$ 8.63	\$ 181.33	\$ 29.19	\$ 210.52	4.89%
Operating Room	800	\$ 19.57	\$ 153.12	\$ 8.63	\$ 181.33	\$ 29.19	\$ 210.52	
Instrument Room	700	\$ 19.57	\$ 153.12	\$ 8.63	\$ 181.33	\$ 29.19	\$ 210.52	
Scrub Room	500	\$ 19.57	\$ 153.12	\$ 8.63	\$ 181.33	\$ 29.19	\$ 210.52	
Related Classrooms	900	\$ 19.57	\$ 153.12	\$ 8.63	\$ 181.33	\$ 29.19	\$ 210.52	
Related Office	120	\$ 19.57	\$ 153.12	\$ 8.63	\$ 181.33	\$ 29.19	\$ 210.52	
Related Storage	200	\$ 19.57	\$ 153.12	\$ 8.63	\$ 181.33	\$ 29.19	\$ 210.52	
Related Changing Room	450	\$ 19.57	\$ 153.12	\$ 8.63	\$ 181.33	\$ 29.19	\$ 210.52	
<u>Fire Fighter Training</u>								
Lab	1,500	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	4.89%
Related Classrooms	900	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Related Office	120	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Related Storage	200	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Related Changing Room	490	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Weight Room	800	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
<u>Arts & Communication - Media Pathway - Digital TV/Video/Journalism</u>								
Lab	1,500	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	4.89%
Media Arts Control Room/Edit	450	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Vestibule	84	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Related Classrooms	900	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Office	120	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Storage	200	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Changing Room	490	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
<u>Arts & Communication - Performance Pathway - Dance/Music/Theater</u>								
Lab	1,500	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	4.89%
Practice Room	150	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Related Classrooms	900	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Office	120	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Storage	200	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	
Changing Room	490	\$ 19.57	\$ 153.68	\$ 8.66	\$ 181.92	\$ 29.29	\$ 211.21	

**OHIO SCHOOL FACILITIES COMMISSION
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PROGRAM TYPE 5	2008 PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Furn. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Constr. Costs (\$/SF based on 16.1% of Site +BBC + Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<u>Agribusiness and Production Systems</u>								
Lab	4,500	\$ 19.57	\$ 149.08	\$ 8.43	\$ 177.09	\$ 28.51	\$ 205.60	4.89%
Related Classroom	900	\$ 19.57	\$ 149.08	\$ 8.43	\$ 177.09	\$ 28.51	\$ 205.60	
Related Office	120	\$ 19.57	\$ 149.08	\$ 8.43	\$ 177.09	\$ 28.51	\$ 205.60	
Related Storage	200	\$ 19.57	\$ 149.08	\$ 8.43	\$ 177.09	\$ 28.51	\$ 205.60	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 149.08	\$ 8.43	\$ 177.09	\$ 28.51	\$ 205.60	
Related Restroom	68	\$ 19.57	\$ 149.08	\$ 8.43	\$ 177.09	\$ 28.51	\$ 205.60	
Related Tool Crib	550	\$ 19.57	\$ 149.08	\$ 8.43	\$ 177.09	\$ 28.51	\$ 205.60	
Related Reference Room	200	\$ 19.57	\$ 149.08	\$ 8.43	\$ 177.09	\$ 28.51	\$ 205.60	
Greenhouse	1,000	\$ 19.57	\$ 52.70	\$ 3.61	\$ 75.89	\$ 12.22	\$ 88.11	
<u>Appliance Repair</u>								
Lab	1,800	\$ 19.57	\$ 143.82	\$ 8.17	\$ 171.56	\$ 27.62	\$ 199.18	4.89%
Related Classroom	900	\$ 19.57	\$ 143.82	\$ 8.17	\$ 171.56	\$ 27.62	\$ 199.18	
Related Office	120	\$ 19.57	\$ 143.82	\$ 8.17	\$ 171.56	\$ 27.62	\$ 199.18	
Related Storage	200	\$ 19.57	\$ 143.82	\$ 8.17	\$ 171.56	\$ 27.62	\$ 199.18	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 143.82	\$ 8.17	\$ 171.56	\$ 27.62	\$ 199.18	
Related Restroom	68	\$ 19.57	\$ 143.82	\$ 8.17	\$ 171.56	\$ 27.62	\$ 199.18	
Related Tool Crib	550	\$ 19.57	\$ 143.82	\$ 8.17	\$ 171.56	\$ 27.62	\$ 199.18	
Related Reference Room	200	\$ 19.57	\$ 143.82	\$ 8.17	\$ 171.56	\$ 27.62	\$ 199.18	
<u>Auto Specialization</u>								
Lab	3,500	\$ 19.57	\$ 137.08	\$ 7.83	\$ 164.48	\$ 26.48	\$ 190.97	4.89%
Related Classroom	900	\$ 19.57	\$ 137.08	\$ 7.83	\$ 164.48	\$ 26.48	\$ 190.97	
Related Office	120	\$ 19.57	\$ 137.08	\$ 7.83	\$ 164.48	\$ 26.48	\$ 190.97	
Related Storage	200	\$ 19.57	\$ 137.08	\$ 7.83	\$ 164.48	\$ 26.48	\$ 190.97	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 137.08	\$ 7.83	\$ 164.48	\$ 26.48	\$ 190.97	
Related Restroom	68	\$ 19.57	\$ 137.08	\$ 7.83	\$ 164.48	\$ 26.48	\$ 190.97	
Related Tool Crib	550	\$ 19.57	\$ 137.08	\$ 7.83	\$ 164.48	\$ 26.48	\$ 190.97	
Related Reference Room	200	\$ 19.57	\$ 137.08	\$ 7.83	\$ 164.48	\$ 26.48	\$ 190.97	
<u>Building & Property Maintenance</u>								
<u>Building Technology</u>								
Lab	3,000	\$ 19.57	\$ 148.54	\$ 8.41	\$ 176.52	\$ 28.42	\$ 204.94	4.89%
Related Classroom	900	\$ 19.57	\$ 148.54	\$ 8.41	\$ 176.52	\$ 28.42	\$ 204.94	
Related Office	120	\$ 19.57	\$ 148.54	\$ 8.41	\$ 176.52	\$ 28.42	\$ 204.94	
Related Storage	200	\$ 19.57	\$ 148.54	\$ 8.41	\$ 176.52	\$ 28.42	\$ 204.94	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 148.54	\$ 8.41	\$ 176.52	\$ 28.42	\$ 204.94	
Related Restroom	68	\$ 19.57	\$ 148.54	\$ 8.41	\$ 176.52	\$ 28.42	\$ 204.94	
Related Tool Crib	550	\$ 19.57	\$ 148.54	\$ 8.41	\$ 176.52	\$ 28.42	\$ 204.94	
Related Reference Room	200	\$ 19.57	\$ 148.54	\$ 8.41	\$ 176.52	\$ 28.42	\$ 204.94	
<u>Custodial Services</u>								
Lab	2,500	\$ 19.57	\$ 127.18	\$ 7.34	\$ 154.09	\$ 24.81	\$ 178.90	4.89%
Related Classroom	900	\$ 19.57	\$ 127.18	\$ 7.34	\$ 154.09	\$ 24.81	\$ 178.90	
Related Office	120	\$ 19.57	\$ 127.18	\$ 7.34	\$ 154.09	\$ 24.81	\$ 178.90	
Related Storage	200	\$ 19.57	\$ 127.18	\$ 7.34	\$ 154.09	\$ 24.81	\$ 178.90	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 127.18	\$ 7.34	\$ 154.09	\$ 24.81	\$ 178.90	
Related Restroom	68	\$ 19.57	\$ 127.18	\$ 7.34	\$ 154.09	\$ 24.81	\$ 178.90	
Related Tool Crib	550	\$ 19.57	\$ 127.18	\$ 7.34	\$ 154.09	\$ 24.81	\$ 178.90	
Related Reference Room	200	\$ 19.57	\$ 127.18	\$ 7.34	\$ 154.09	\$ 24.81	\$ 178.90	
<u>Acquisition and Logistics</u>								
Lab	3,000	\$ 19.57	\$ 127.37	\$ 7.35	\$ 154.29	\$ 24.84	\$ 179.13	4.89%
Related Classroom	900	\$ 19.57	\$ 127.37	\$ 7.35	\$ 154.29	\$ 24.84	\$ 179.13	
Related Office	120	\$ 19.57	\$ 127.37	\$ 7.35	\$ 154.29	\$ 24.84	\$ 179.13	
Related Storage	200	\$ 19.57	\$ 127.37	\$ 7.35	\$ 154.29	\$ 24.84	\$ 179.13	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 127.37	\$ 7.35	\$ 154.29	\$ 24.84	\$ 179.13	
Related Restroom	68	\$ 19.57	\$ 127.37	\$ 7.35	\$ 154.29	\$ 24.84	\$ 179.13	
Related Tool Crib	550	\$ 19.57	\$ 127.37	\$ 7.35	\$ 154.29	\$ 24.84	\$ 179.13	
Related Reference Room	200	\$ 19.57	\$ 127.37	\$ 7.35	\$ 154.29	\$ 24.84	\$ 179.13	
<u>Electrical Trades</u>								
Lab	3,000	\$ 19.57	\$ 128.64	\$ 7.41	\$ 155.63	\$ 25.06	\$ 180.68	4.89%
Related Classroom	900	\$ 19.57	\$ 128.64	\$ 7.41	\$ 155.63	\$ 25.06	\$ 180.68	
Related Office	120	\$ 19.57	\$ 128.64	\$ 7.41	\$ 155.63	\$ 25.06	\$ 180.68	
Related Storage	200	\$ 19.57	\$ 128.64	\$ 7.41	\$ 155.63	\$ 25.06	\$ 180.68	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 128.64	\$ 7.41	\$ 155.63	\$ 25.06	\$ 180.68	
Related Restroom	68	\$ 19.57	\$ 128.64	\$ 7.41	\$ 155.63	\$ 25.06	\$ 180.68	
Related Tool Crib	550	\$ 19.57	\$ 128.64	\$ 7.41	\$ 155.63	\$ 25.06	\$ 180.68	
Related Reference Room	200	\$ 19.57	\$ 128.64	\$ 7.41	\$ 155.63	\$ 25.06	\$ 180.68	

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PROGRAM TYPE 5	2008 PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Furn. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Constr. Costs (\$/SF based on 16.1% of Site +BBC + Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<i>Environmental Controls Technologies</i>								
Lab	3,000	\$ 19.57	\$ 129.93	\$ 7.48	\$ 156.98	\$ 25.27	\$ 182.26	4.89%
Related Classroom	900	\$ 19.57	\$ 129.93	\$ 7.48	\$ 156.98	\$ 25.27	\$ 182.26	
Related Office	120	\$ 19.57	\$ 129.93	\$ 7.48	\$ 156.98	\$ 25.27	\$ 182.26	
Related Storage	200	\$ 19.57	\$ 129.93	\$ 7.48	\$ 156.98	\$ 25.27	\$ 182.26	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 129.93	\$ 7.48	\$ 156.98	\$ 25.27	\$ 182.26	
Related Restroom	68	\$ 19.57	\$ 129.93	\$ 7.48	\$ 156.98	\$ 25.27	\$ 182.26	
Related Tool Crib	550	\$ 19.57	\$ 129.93	\$ 7.48	\$ 156.98	\$ 25.27	\$ 182.26	
Related Reference Room	200	\$ 19.57	\$ 129.93	\$ 7.48	\$ 156.98	\$ 25.27	\$ 182.26	
<i>Heavy Equipment (Construction)</i>								
Lab	4,500	\$ 19.57	\$ 121.55	\$ 7.06	\$ 148.18	\$ 23.86	\$ 172.04	4.89%
Related Classroom	900	\$ 19.57	\$ 121.55	\$ 7.06	\$ 148.18	\$ 23.86	\$ 172.04	
Related Office	120	\$ 19.57	\$ 121.55	\$ 7.06	\$ 148.18	\$ 23.86	\$ 172.04	
Related Storage	200	\$ 19.57	\$ 121.55	\$ 7.06	\$ 148.18	\$ 23.86	\$ 172.04	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 121.55	\$ 7.06	\$ 148.18	\$ 23.86	\$ 172.04	
Related Restroom	68	\$ 19.57	\$ 121.55	\$ 7.06	\$ 148.18	\$ 23.86	\$ 172.04	
Related Tool Crib	550	\$ 19.57	\$ 121.55	\$ 7.06	\$ 148.18	\$ 23.86	\$ 172.04	
Related Reference Room	200	\$ 19.57	\$ 121.55	\$ 7.06	\$ 148.18	\$ 23.86	\$ 172.04	
<i>Industrial Maintenance and Repair Occupations</i>								
Lab	3,500	\$ 19.57	\$ 151.48	\$ 8.55	\$ 179.61	\$ 28.92	\$ 208.53	4.89%
Related Classroom	900	\$ 19.57	\$ 151.48	\$ 8.55	\$ 179.61	\$ 28.92	\$ 208.53	
Related Office	120	\$ 19.57	\$ 151.48	\$ 8.55	\$ 179.61	\$ 28.92	\$ 208.53	
Related Storage	200	\$ 19.57	\$ 151.48	\$ 8.55	\$ 179.61	\$ 28.92	\$ 208.53	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 151.48	\$ 8.55	\$ 179.61	\$ 28.92	\$ 208.53	
Related Restroom	68	\$ 19.57	\$ 151.48	\$ 8.55	\$ 179.61	\$ 28.92	\$ 208.53	
Related Tool Crib	550	\$ 19.57	\$ 151.48	\$ 8.55	\$ 179.61	\$ 28.92	\$ 208.53	
Related Reference Room	200	\$ 19.57	\$ 151.48	\$ 8.55	\$ 179.61	\$ 28.92	\$ 208.53	
<i>Manufacturing Occupations</i>								
Lab	4,500	\$ 19.57	\$ 121.95	\$ 7.08	\$ 148.60	\$ 23.93	\$ 172.53	4.89%
Related Classroom	900	\$ 19.57	\$ 121.95	\$ 7.08	\$ 148.60	\$ 23.93	\$ 172.53	
Related Office	120	\$ 19.57	\$ 121.95	\$ 7.08	\$ 148.60	\$ 23.93	\$ 172.53	
Related Storage	200	\$ 19.57	\$ 121.95	\$ 7.08	\$ 148.60	\$ 23.93	\$ 172.53	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 121.95	\$ 7.08	\$ 148.60	\$ 23.93	\$ 172.53	
Related Restroom	68	\$ 19.57	\$ 121.95	\$ 7.08	\$ 148.60	\$ 23.93	\$ 172.53	
Related Tool Crib	550	\$ 19.57	\$ 121.95	\$ 7.08	\$ 148.60	\$ 23.93	\$ 172.53	
Related Reference Room	200	\$ 19.57	\$ 121.95	\$ 7.08	\$ 148.60	\$ 23.93	\$ 172.53	
<i>Marine Maintenance</i>								
Lab	3,500	\$ 19.57	\$ 147.05	\$ 8.33	\$ 174.95	\$ 28.17	\$ 203.12	4.89%
Related Classroom	900	\$ 19.57	\$ 147.05	\$ 8.33	\$ 174.95	\$ 28.17	\$ 203.12	
Related Office	120	\$ 19.57	\$ 147.05	\$ 8.33	\$ 174.95	\$ 28.17	\$ 203.12	
Related Storage	200	\$ 19.57	\$ 147.05	\$ 8.33	\$ 174.95	\$ 28.17	\$ 203.12	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 147.05	\$ 8.33	\$ 174.95	\$ 28.17	\$ 203.12	
Related Restroom	68	\$ 19.57	\$ 147.05	\$ 8.33	\$ 174.95	\$ 28.17	\$ 203.12	
Related Tool Crib	550	\$ 19.57	\$ 147.05	\$ 8.33	\$ 174.95	\$ 28.17	\$ 203.12	
Related Reference Room	200	\$ 19.57	\$ 147.05	\$ 8.33	\$ 174.95	\$ 28.17	\$ 203.12	
<i>Masonry</i>								
Lab	3,500	\$ 19.57	\$ 123.13	\$ 7.14	\$ 149.84	\$ 24.12	\$ 173.96	4.89%
Related Classroom	900	\$ 19.57	\$ 123.13	\$ 7.14	\$ 149.84	\$ 24.12	\$ 173.96	
Related Office	120	\$ 19.57	\$ 123.13	\$ 7.14	\$ 149.84	\$ 24.12	\$ 173.96	
Related Storage	200	\$ 19.57	\$ 123.13	\$ 7.14	\$ 149.84	\$ 24.12	\$ 173.96	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 123.13	\$ 7.14	\$ 149.84	\$ 24.12	\$ 173.96	
Related Restroom	68	\$ 19.57	\$ 123.13	\$ 7.14	\$ 149.84	\$ 24.12	\$ 173.96	
Related Tool Crib	550	\$ 19.57	\$ 123.13	\$ 7.14	\$ 149.84	\$ 24.12	\$ 173.96	
Related Reference Room	200	\$ 19.57	\$ 123.13	\$ 7.14	\$ 149.84	\$ 24.12	\$ 173.96	

**OHIO SCHOOL FACILITIES COMMISSION
CAREER-TECHNICAL SUPPLEMENT
2008 OSDM Update - Career Tech**

PROGRAM TYPE 5	2008 PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Furn. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Constr. Costs (\$/SF based on 16.1% of Site +BBC + Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<i>Natural Resource Management</i>								
Lab	3,000	\$ 19.57	\$ 147.66	\$ 8.36	\$ 175.60	\$ 28.27	\$ 203.87	4.89%
Related Classroom	900	\$ 19.57	\$ 147.66	\$ 8.36	\$ 175.60	\$ 28.27	\$ 203.87	
Related Office	120	\$ 19.57	\$ 147.66	\$ 8.36	\$ 175.60	\$ 28.27	\$ 203.87	
Related Storage	200	\$ 19.57	\$ 147.66	\$ 8.36	\$ 175.60	\$ 28.27	\$ 203.87	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 147.66	\$ 8.36	\$ 175.60	\$ 28.27	\$ 203.87	
Related Restroom	68	\$ 19.57	\$ 147.66	\$ 8.36	\$ 175.60	\$ 28.27	\$ 203.87	
Related Tool Crib	550	\$ 19.57	\$ 147.66	\$ 8.36	\$ 175.60	\$ 28.27	\$ 203.87	
Related Reference Room	200	\$ 19.57	\$ 147.66	\$ 8.36	\$ 175.60	\$ 28.27	\$ 203.87	
Greenhouse	1,000	\$ 19.57	\$ 52.70	\$ 3.61	\$ 75.89	\$ 12.22	\$ 88.11	
<i>Interior Design and Application</i>								
Lab	3,000	\$ 19.57	\$ 129.38	\$ 7.45	\$ 156.40	\$ 25.18	\$ 181.58	4.89%
Related Classroom	900	\$ 19.57	\$ 129.38	\$ 7.45	\$ 156.40	\$ 25.18	\$ 181.58	
Related Office	120	\$ 19.57	\$ 129.38	\$ 7.45	\$ 156.40	\$ 25.18	\$ 181.58	
Related Storage	200	\$ 19.57	\$ 129.38	\$ 7.45	\$ 156.40	\$ 25.18	\$ 181.58	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 129.38	\$ 7.45	\$ 156.40	\$ 25.18	\$ 181.58	
Related Restroom	68	\$ 19.57	\$ 129.38	\$ 7.45	\$ 156.40	\$ 25.18	\$ 181.58	
Related Tool Crib	550	\$ 19.57	\$ 129.38	\$ 7.45	\$ 156.40	\$ 25.18	\$ 181.58	
Related Reference Room	200	\$ 19.57	\$ 129.38	\$ 7.45	\$ 156.40	\$ 25.18	\$ 181.58	
<i>Plastics Occupations</i>								
Lab	3,000	\$ 19.57	\$ 131.89	\$ 7.57	\$ 159.04	\$ 25.61	\$ 184.65	4.89%
Related Classroom	900	\$ 19.57	\$ 131.89	\$ 7.57	\$ 159.04	\$ 25.61	\$ 184.65	
Related Office	120	\$ 19.57	\$ 131.89	\$ 7.57	\$ 159.04	\$ 25.61	\$ 184.65	
Related Storage	200	\$ 19.57	\$ 131.89	\$ 7.57	\$ 159.04	\$ 25.61	\$ 184.65	
Related Changing Room (one per type 5, 6 & 7)	537	\$ 19.57	\$ 131.89	\$ 7.57	\$ 159.04	\$ 25.61	\$ 184.65	
Related Restroom	68	\$ 19.57	\$ 131.89	\$ 7.57	\$ 159.04	\$ 25.61	\$ 184.65	
Related Tool Crib	550	\$ 19.57	\$ 131.89	\$ 7.57	\$ 159.04	\$ 25.61	\$ 184.65	
Related Reference Room	200	\$ 19.57	\$ 131.89	\$ 7.57	\$ 159.04	\$ 25.61	\$ 184.65	
<i>Plumbing & Pipefitting</i>								
Lab	3,000	\$ 19.57	\$ 133.70	\$ 7.66	\$ 160.94	\$ 25.91	\$ 186.85	4.89%
Related Classroom	900	\$ 19.57	\$ 133.70	\$ 7.66	\$ 160.94	\$ 25.91	\$ 186.85	
Related Office	120	\$ 19.57	\$ 133.70	\$ 7.66	\$ 160.94	\$ 25.91	\$ 186.85	
Related Storage	200	\$ 19.57	\$ 133.70	\$ 7.66	\$ 160.94	\$ 25.91	\$ 186.85	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 133.70	\$ 7.66	\$ 160.94	\$ 25.91	\$ 186.85	
Related Restroom	68	\$ 19.57	\$ 133.70	\$ 7.66	\$ 160.94	\$ 25.91	\$ 186.85	
Related Tool Crib	550	\$ 19.57	\$ 133.70	\$ 7.66	\$ 160.94	\$ 25.91	\$ 186.85	
Related Reference Room	200	\$ 19.57	\$ 133.70	\$ 7.66	\$ 160.94	\$ 25.91	\$ 186.85	
<i>Power Equipment Technology</i>								
Lab	3,500	\$ 19.57	\$ 138.92	\$ 7.92	\$ 166.42	\$ 26.79	\$ 193.21	4.89%
Related Classroom	900	\$ 19.57	\$ 138.92	\$ 7.92	\$ 166.42	\$ 26.79	\$ 193.21	
Related Office	120	\$ 19.57	\$ 138.92	\$ 7.92	\$ 166.42	\$ 26.79	\$ 193.21	
Related Storage	200	\$ 19.57	\$ 138.92	\$ 7.92	\$ 166.42	\$ 26.79	\$ 193.21	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 138.92	\$ 7.92	\$ 166.42	\$ 26.79	\$ 193.21	
Related Restroom	68	\$ 19.57	\$ 138.92	\$ 7.92	\$ 166.42	\$ 26.79	\$ 193.21	
Related Tool Crib	550	\$ 19.57	\$ 138.92	\$ 7.92	\$ 166.42	\$ 26.79	\$ 193.21	
Related Reference Room	200	\$ 19.57	\$ 138.92	\$ 7.92	\$ 166.42	\$ 26.79	\$ 193.21	
<i>Power Transmission</i>								
Lab	3,500	\$ 19.57	\$ 131.95	\$ 7.58	\$ 159.10	\$ 25.61	\$ 184.71	4.89%
Related Classroom	900	\$ 19.57	\$ 131.95	\$ 7.58	\$ 159.10	\$ 25.61	\$ 184.71	
Related Office	120	\$ 19.57	\$ 131.95	\$ 7.58	\$ 159.10	\$ 25.61	\$ 184.71	
Related Storage	200	\$ 19.57	\$ 131.95	\$ 7.58	\$ 159.10	\$ 25.61	\$ 184.71	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 131.95	\$ 7.58	\$ 159.10	\$ 25.61	\$ 184.71	
Related Restroom	68	\$ 19.57	\$ 131.95	\$ 7.58	\$ 159.10	\$ 25.61	\$ 184.71	
Related Tool Crib	550	\$ 19.57	\$ 131.95	\$ 7.58	\$ 159.10	\$ 25.61	\$ 184.71	
Related Reference Room	200	\$ 19.57	\$ 131.95	\$ 7.58	\$ 159.10	\$ 25.61	\$ 184.71	
<i>Welding & Cutting</i>								
Lab	3,500	\$ 19.57	\$ 162.99	\$ 9.13	\$ 191.69	\$ 30.86	\$ 222.55	4.89%
Related Classroom	900	\$ 19.57	\$ 162.99	\$ 9.13	\$ 191.69	\$ 30.86	\$ 222.55	
Related Office	120	\$ 19.57	\$ 162.99	\$ 9.13	\$ 191.69	\$ 30.86	\$ 222.55	
Related Storage	200	\$ 19.57	\$ 162.99	\$ 9.13	\$ 191.69	\$ 30.86	\$ 222.55	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 162.99	\$ 9.13	\$ 191.69	\$ 30.86	\$ 222.55	
Related Restroom	68	\$ 19.57	\$ 162.99	\$ 9.13	\$ 191.69	\$ 30.86	\$ 222.55	
Related Tool Crib	550	\$ 19.57	\$ 162.99	\$ 9.13	\$ 191.69	\$ 30.86	\$ 222.55	
Related Reference Room	200	\$ 19.57	\$ 162.99	\$ 9.13	\$ 191.69	\$ 30.86	\$ 222.55	

**OHIO SCHOOL FACILITIES COMMISSION
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PROGRAM TYPE 6	PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Furn. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Constr. Costs (\$/SF based on 16.1% of Site +BBC + Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<u>Agriculture / Industrial Equipment</u>								
Lab	5,000	\$ 19.57	\$ 124.01	\$ 7.18	\$ 150.77	\$ 24.27	\$ 175.04	4.89%
Related Classroom	900	\$ 19.57	\$ 124.01	\$ 7.18	\$ 150.77	\$ 24.27	\$ 175.04	
Related Office	120	\$ 19.57	\$ 124.01	\$ 7.18	\$ 150.77	\$ 24.27	\$ 175.04	
Related Storage	200	\$ 19.57	\$ 124.01	\$ 7.18	\$ 150.77	\$ 24.27	\$ 175.04	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 124.01	\$ 7.18	\$ 150.77	\$ 24.27	\$ 175.04	
Related Restroom	68	\$ 19.57	\$ 124.01	\$ 7.18	\$ 150.77	\$ 24.27	\$ 175.04	
Related Tool Crib	550	\$ 19.57	\$ 124.01	\$ 7.18	\$ 150.77	\$ 24.27	\$ 175.04	
Related Reference Room	200	\$ 19.57	\$ 124.01	\$ 7.18	\$ 150.77	\$ 24.27	\$ 175.04	
Engine Storage	1,000	\$ 19.57	\$ 124.01	\$ 7.18	\$ 150.77	\$ 24.27	\$ 175.04	
Flammable Storage	200	\$ 19.57	\$ 124.01	\$ 7.18	\$ 150.77	\$ 24.27	\$ 175.04	
<u>Auto Collision Repair</u>								
Lab	5,000	\$ 19.57	\$ 137.75	\$ 7.87	\$ 165.19	\$ 26.60	\$ 191.78	4.89%
Related Classroom	900	\$ 19.57	\$ 137.75	\$ 7.87	\$ 165.19	\$ 26.60	\$ 191.78	
Related Office	120	\$ 19.57	\$ 137.75	\$ 7.87	\$ 165.19	\$ 26.60	\$ 191.78	
Related Storage	200	\$ 19.57	\$ 137.75	\$ 7.87	\$ 165.19	\$ 26.60	\$ 191.78	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 137.75	\$ 7.87	\$ 165.19	\$ 26.60	\$ 191.78	
Related Restroom	68	\$ 19.57	\$ 137.75	\$ 7.87	\$ 165.19	\$ 26.60	\$ 191.78	
Related Tool Crib	550	\$ 19.57	\$ 137.75	\$ 7.87	\$ 165.19	\$ 26.60	\$ 191.78	
Related Reference Room	200	\$ 19.57	\$ 137.75	\$ 7.87	\$ 165.19	\$ 26.60	\$ 191.78	
Auto Parts Storage	300	\$ 19.57	\$ 137.75	\$ 7.87	\$ 165.19	\$ 26.60	\$ 191.78	
<u>Auto Technology</u>								
Lab	5,000	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	4.89%
Related Classroom	900	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	
Related Office	120	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	
Related Storage	200	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	
Related Restroom	68	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	
Related Tool Crib	550	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	
Related Reference Room	200	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	
Engine Storage	800	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	
Machine Room	900	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	
Flammable Material Storage	60	\$ 19.57	\$ 123.18	\$ 7.14	\$ 149.89	\$ 24.13	\$ 174.02	
<u>Carpentry</u>								
Lab	4,000	\$ 19.57	\$ 130.49	\$ 7.50	\$ 157.57	\$ 25.37	\$ 182.94	4.89%
Related Classroom	900	\$ 19.57	\$ 130.49	\$ 7.50	\$ 157.57	\$ 25.37	\$ 182.94	
Related Office	120	\$ 19.57	\$ 130.49	\$ 7.50	\$ 157.57	\$ 25.37	\$ 182.94	
Related Storage	200	\$ 19.57	\$ 130.49	\$ 7.50	\$ 157.57	\$ 25.37	\$ 182.94	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 130.49	\$ 7.50	\$ 157.57	\$ 25.37	\$ 182.94	
Related Restroom	68	\$ 19.57	\$ 130.49	\$ 7.50	\$ 157.57	\$ 25.37	\$ 182.94	
Related Tool Crib	550	\$ 19.57	\$ 130.49	\$ 7.50	\$ 157.57	\$ 25.37	\$ 182.94	
Related Reference Room	200	\$ 19.57	\$ 130.49	\$ 7.50	\$ 157.57	\$ 25.37	\$ 182.94	
Finishing Room	500	\$ 19.57	\$ 130.49	\$ 7.50	\$ 157.57	\$ 25.37	\$ 182.94	
Material Storage	800	\$ 19.57	\$ 130.49	\$ 7.50	\$ 157.57	\$ 25.37	\$ 182.94	
<u>Engineering Technologies (Design, Emerging Process, Product/Service)</u>								
<u>Materials Joining Technologies</u>								
Lab	1,500	\$ 19.57	\$ 172.05	\$ 9.58	\$ 201.20	\$ 32.39	\$ 233.60	4.89%
Related Classroom	900	\$ 19.57	\$ 172.05	\$ 9.58	\$ 201.20	\$ 32.39	\$ 233.60	
Related Office	120	\$ 19.57	\$ 172.05	\$ 9.58	\$ 201.20	\$ 32.39	\$ 233.60	
Related Storage	200	\$ 19.57	\$ 172.05	\$ 9.58	\$ 201.20	\$ 32.39	\$ 233.60	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 172.05	\$ 9.58	\$ 201.20	\$ 32.39	\$ 233.60	
Related Restroom	68	\$ 19.57	\$ 172.05	\$ 9.58	\$ 201.20	\$ 32.39	\$ 233.60	
Related Tool Crib	550	\$ 19.57	\$ 172.05	\$ 9.58	\$ 201.20	\$ 32.39	\$ 233.60	
Related Reference Room	200	\$ 19.57	\$ 172.05	\$ 9.58	\$ 201.20	\$ 32.39	\$ 233.60	
CADD Room	400	\$ 19.57	\$ 172.05	\$ 9.58	\$ 201.20	\$ 32.39	\$ 233.60	
<u>Food Science and Technology</u>								
Lab	2,000	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	4.89%
Related Classroom	900	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	
Related Office	120	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	
Related Storage	200	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	
Related Restroom	68	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	
Related Tool Crib	550	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	
Related Reference Room	200	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	
Freezer	400	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	
Cooler	400	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	
Retail	400	\$ 19.57	\$ 130.68	\$ 7.51	\$ 157.77	\$ 25.40	\$ 183.17	

**OHIO SCHOOL FACILITIES COMMISSION
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2008 OSDM Update - Career Tech**

PROGRAM TYPE 6	PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Furn. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Constr. Costs (\$/SF based on 16.1% of Site+BBC+Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<u>Horticulture</u>								
Lab	2,000	\$ 19.57	\$ 133.85	\$ 7.67	\$ 161.09	\$ 25.94	\$ 187.03	4.89%
Related Classroom	900	\$ 19.57	\$ 133.85	\$ 7.67	\$ 161.09	\$ 25.94	\$ 187.03	
Related Office	120	\$ 19.57	\$ 133.85	\$ 7.67	\$ 161.09	\$ 25.94	\$ 187.03	
Related Storage	200	\$ 19.57	\$ 133.85	\$ 7.67	\$ 161.09	\$ 25.94	\$ 187.03	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 133.85	\$ 7.67	\$ 161.09	\$ 25.94	\$ 187.03	
Related Restroom	68	\$ 19.57	\$ 133.85	\$ 7.67	\$ 161.09	\$ 25.94	\$ 187.03	
Related Tool Crib	550	\$ 19.57	\$ 133.85	\$ 7.67	\$ 161.09	\$ 25.94	\$ 187.03	
Related Reference Room	200	\$ 19.57	\$ 133.85	\$ 7.67	\$ 161.09	\$ 25.94	\$ 187.03	
Retail	400	\$ 19.57	\$ 133.85	\$ 7.67	\$ 161.09	\$ 25.94	\$ 187.03	
Greenhouse	3,000	\$ 19.57	\$ 52.70	\$ 3.61	\$ 75.89	\$ 12.22	\$ 88.11	
<u>Medium/Heavy Truck Technician</u>								
Lab	6,000	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	4.89%
Related Classroom	900	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	
Related Office	120	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	
Related Storage	200	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	
Related Restroom	68	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	
Related Tool Crib	550	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	
Related Reference Room	200	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	
Engine Storage	800	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	
Machine Room	900	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	
Flammable Material Storage	60	\$ 19.57	\$ 123.90	\$ 7.17	\$ 150.64	\$ 24.25	\$ 174.90	
<u>Construction - Management</u>								
<u>Construction - Design/Build</u>								
Lab	3,000	\$ 19.57	\$ 147.64	\$ 8.36	\$ 175.57	\$ 28.27	\$ 203.84	4.89%
Related Classroom	900	\$ 19.57	\$ 147.64	\$ 8.36	\$ 175.57	\$ 28.27	\$ 203.84	
Related Office	120	\$ 19.57	\$ 147.64	\$ 8.36	\$ 175.57	\$ 28.27	\$ 203.84	
Related Storage	200	\$ 19.57	\$ 147.64	\$ 8.36	\$ 175.57	\$ 28.27	\$ 203.84	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 147.64	\$ 8.36	\$ 175.57	\$ 28.27	\$ 203.84	
Related Restroom	68	\$ 19.57	\$ 147.64	\$ 8.36	\$ 175.57	\$ 28.27	\$ 203.84	
Related Tool Crib	550	\$ 19.57	\$ 147.64	\$ 8.36	\$ 175.57	\$ 28.27	\$ 203.84	
Related Reference Room	200	\$ 19.57	\$ 147.64	\$ 8.36	\$ 175.57	\$ 28.27	\$ 203.84	
CADD Room	400	\$ 19.57	\$ 147.64	\$ 8.36	\$ 175.57	\$ 28.27	\$ 203.84	
<u>Wood Product Technologies</u>								
Lab	3,000	\$ 19.57	\$ 141.96	\$ 8.08	\$ 169.61	\$ 27.31	\$ 196.92	4.89%
Related Classroom	900	\$ 19.57	\$ 141.96	\$ 8.08	\$ 169.61	\$ 27.31	\$ 196.92	
Related Office	120	\$ 19.57	\$ 141.96	\$ 8.08	\$ 169.61	\$ 27.31	\$ 196.92	
Related Storage	200	\$ 19.57	\$ 141.96	\$ 8.08	\$ 169.61	\$ 27.31	\$ 196.92	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 141.96	\$ 8.08	\$ 169.61	\$ 27.31	\$ 196.92	
Related Restroom	68	\$ 19.57	\$ 141.96	\$ 8.08	\$ 169.61	\$ 27.31	\$ 196.92	
Related Tool Crib	550	\$ 19.57	\$ 141.96	\$ 8.08	\$ 169.61	\$ 27.31	\$ 196.92	
Related Reference Room	200	\$ 19.57	\$ 141.96	\$ 8.08	\$ 169.61	\$ 27.31	\$ 196.92	
Finishing Room	500	\$ 19.57	\$ 141.96	\$ 8.08	\$ 169.61	\$ 27.31	\$ 196.92	
Material Storage	800	\$ 19.57	\$ 141.96	\$ 8.08	\$ 169.61	\$ 27.31	\$ 196.92	
<u>Precision Machining</u>								
Lab	3,500	\$ 19.57	\$ 116.46	\$ 6.80	\$ 142.84	\$ 23.00	\$ 165.83	4.89%
Related Classroom	900	\$ 19.57	\$ 116.46	\$ 6.80	\$ 142.84	\$ 23.00	\$ 165.83	
Related Office	120	\$ 19.57	\$ 116.46	\$ 6.80	\$ 142.84	\$ 23.00	\$ 165.83	
Related Storage	200	\$ 19.57	\$ 116.46	\$ 6.80	\$ 142.84	\$ 23.00	\$ 165.83	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 116.46	\$ 6.80	\$ 142.84	\$ 23.00	\$ 165.83	
Related Restroom	68	\$ 19.57	\$ 116.46	\$ 6.80	\$ 142.84	\$ 23.00	\$ 165.83	
Related Tool Crib	550	\$ 19.57	\$ 116.46	\$ 6.80	\$ 142.84	\$ 23.00	\$ 165.83	
Related Reference Room	200	\$ 19.57	\$ 116.46	\$ 6.80	\$ 142.84	\$ 23.00	\$ 165.83	
CNC Room	900	\$ 19.57	\$ 116.46	\$ 6.80	\$ 142.84	\$ 23.00	\$ 165.83	
Inspection Room	150	\$ 19.57	\$ 116.46	\$ 6.80	\$ 142.84	\$ 23.00	\$ 165.83	

**OHIO SCHOOL FACILITIES COMMISSION
CAREER-TECHNICAL SUPPLEMENT
2008 OSDM Update - Career Tech**

PROGRAM TYPE 7	PROG SF	2008 Site Cost (\$/SF)	2008 Basic Building Cost (\$/SF) (incl. Furn. and Tech.)	Contingency (\$/SF based on 5% of + BBC)	Total Construction Cost (incl. site, bldg., contingency.)	Total Non-Const. Costs (\$/SF based on 16.1% of Site +BBC + Cont.)	2008 Update Total Line Item Component Cost(\$/SF)	% Change From 2007 to 2008
<i>Aircraft Maintenance</i>								
Lab	13,000	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	4.89%
Related Classroom	900	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Related Office	120	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Related Storage	200	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Related Changing Room (one per type 5, 6 & 7)	270	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Related Restroom	68	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Related Tool Crib	550	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Related Reference Room	200	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Cleaning Room	400	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Parts Storage	300	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Hazardous Material Storage	60	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
<i>Animal Science and Management (Equine)</i>								
Lab	8,000	\$ 19.57	\$ 59.67	\$ 3.96	\$ 83.21	\$ 13.40	\$ 96.60	4.89%
Stables	6,800	\$ 19.57	\$ 70.70	\$ 4.51	\$ 94.79	\$ 15.26	\$ 110.05	
Related Classroom	900	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Related Office	120	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Related Storage	200	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
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Related Tool Crib	550	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	
Related Reference Room	200	\$ 19.57	\$ 151.42	\$ 8.55	\$ 179.55	\$ 28.91	\$ 208.45	

A. GENERAL DESIGN MANUAL DEFINITIONS

Auditeria	A student dining area with characteristics of an auditorium: sounds, acoustical treatment, lighting, etc.
Composite	Two or more play structures attached or functionally linked, to create one integral unit that provides more than one play activity. The term "modular play structure" is also used interchangeable with this term.
Construction Factor	The construction factor shown is the area of a building which is used for wall thickness, pipe chase, lockers, etc., in the wall.
Distance Learning	The process of transmitting and/or receiving instruction and demonstration via video and/or audio means.
Modular Play Structure	Two or more play structures attached or functionally linked, to create one integral unit that provides more than one play activity. The term "composite" is also used interchangeable with this term.
ORFF	Large instruments capable of being beat upon by children.
Plan for	The design is to accommodate the item. The item will be funded by the school district.
Provide for	The item is to be part of the project. The item will be funded by the Classroom Facilities Assistance Program.
School District	A general term applied to a legally constituted school entity which is governed by a Board of Education. They may include city, local, exempted village, and joint vocational school districts.

B. CAREER-TECHNICAL DEFINITIONS**Academies**

Many Career-Technical Schools and Comprehensive High Schools group similar cluster programs into units called Academies. An Academy may contain 75 to 100 students in a general area such as Arts & Communications, Health Services, Business and Management, , etc. These units may be the equivalent of three to five individual program types within the Career-Technical clusters. The Ohio School Facilities Commission Design Manual defines instructional spaces such as laboratory and related spaces in terms of individual programs since academies can vary in the combination of programs making up the academy.

Career Clusters

The Ohio Department of Education, Career-Technical and Adult Education Division has created six career clusters or pathways under which the over 80 programs within the division are grouped. ODE defines career clusters as “Groupings of occupations from one or more industries that share common skill requirements.” A career pathway is defined by ODE as “A series of academic, technological, and occupational coursework and other educational experiences leading to a career specialty.” Briefly, the career pathways are listed below with program examples for each. They are shown here for definition purposes only and are not intended to directly relate to the seven program types found in the Program of Requirements.

Arts and Communications – Radio and television, performing arts, printing and design and journalism.

Business and Management – Information technology, accounting, banking, and secretarial.

Environmental and Agricultural Systems – Industries associated with agriculture, horticulture, and natural resources.

Health Services – Nursing, lab technicians, medical technicians, and personal care attendants.

Human Resources/Services – Early childhood education, social services, legal fields, and protective and personal services.

Industrial and Engineering Systems – Manufacturing, construction, and transportation industries.

Career-Technical Education

Organized education programs that (a) offer a sequence of courses that provide individuals with the academic knowledge and skills the individuals need to prepare for further education and careers in current or emerging employment sectors; and (b) include competency-based applied learning that contributes to the academic knowledge higher-order reasoning and problem-solving skills, work attitudes, general employability skills, and occupational-specific skills of an individual.

B. CAREER-TECHNICAL DEFINITIONS, continued

Career-Technical School Districts	<p>Synonymous with Vocational Education and the term that is utilized within the Career-Technical sections when addressing vocational programming.</p> <p><i>Career-Technical Planning District (CT)</i> by the Department of Education as being responsible for the planning and provision of Career-Technical Education services to students within the district or group of districts.</p> <p><i>Compact CTPD</i> – a vocational educational planning district composed of a group of school districts which contract within the group to deliver Career-Technical Education. A “lead district” acts as the funding agent and usually offers the majority of the programs.</p> <p><i>Comprehensive CTPD</i> – a vocational education planning district composed of a single school district. The high school providing such service is a Comprehensive High School.</p> <p><i>Joint Career-Technical School District VEPD</i> – a School district formed by a group of city, local, or exempted village school districts to offer Career-Technical education to students of all of the participating districts.</p>
Instructional Spaces	<p>The Ohio School Facilities Commission Design Manual defines instructional spaces such as laboratory and related spaces in terms of individual programs since academies can vary in the combination of programs making up the academy. The space needed to house an academy is generally the combined totals for the individual programs within the academy. Some economy of space should be realized in areas such as related classrooms and perhaps office, storage, and specialized facilities. These decisions will need to be determined on a case-by-case basis.</p>
Satellite Program	<p>A program offered by a Career-Technical, comprehensive, or compact school at an off-site location which could include a member school, a business, or any other facility properly equipped to house the program.</p>
Subject Codes	<p>The term utilized by the Ohio Department of Education, Career-Technical and Adult Division, to classify the various programs which may be approved for operation within a school district.</p>
VE-26	<p>The vocational education form which must be submitted by a school district to the Ohio Department of Education in order to gain approval to offer and conduct a vocational program.</p>
VE-26A	<p>The adult education equivalent of the VE-26 form.</p>

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ABBREVIATIONS

AABC	Associated Air Balance Council
AAMA	American Architectural Manufacturers Association
AASHTO	American Association of State Highway and Transportation Officials
AATCC	American Association of Textile Chemists and Colorists
ABMA	American Boiler Manufacturers Council
AC	Alternating Current
ACI	American Concrete Institute
ADA	American with Disabilities Act
ADC	American Diffusion Council
ADDM	Addendum Administration
AGA	American Gas Association
AHA	American Hardboard Association
AIA	American Institute of Architects
AISC	American Institute of Steel Construction, Inc.
AISI	American Iron and Steel Institute
AITC	American Institute of Timber Construction
AMCA	Air Movement and Control Association, Inc.
ANSI	American National Standards Institute
AP	Access Point
APA	American Plywood Association
API	American Petroleum Institute
APP	Atactic polypropylene
ARI	Air Condition and Refrigeration Institute
ARMA	Asphalt Roofing Manufacturers Association
ASCE	American Society of Civil Engineers
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers
ASLA	American Society of Landscape Architects
ASME	American Society of Civil Engineers
ASSE	American Society of Sanitary Engineering
ASTM	American Society for Testing and Materials
ATM	Asynchronous Transfer Mode
AWCI	Association of the Wall and Ceiling Industries
AWG	American Wire Gauge
AWI	Architectural Woodwork Institute
AWS	American Welding Society
AWWA	American Waste Water Association
AWWA	American Water Work Association
BHMA	Builders Hardware Manufacturers Association
bhp	Brake Horsepower
BIA	Brick Institute of America
BICSI	Building Industry Consulting Services International
CAC	Ceiling Attenuation Class
CADD	Computer Aided Design Drafting
Carrier HAP	Carrier Hourly Analysis Program
CAT-5e	Category 5e
CATV	Community Antenna Television (Cable Television)
ccd	Charge Coupled Device
CCTV	Closed Circuit Television

ABBREVIATIONS

CD	Construction Documents
CD	Compact Disk
CDF	Combined Distributing Frame
CDS	Customer Direct Service
CFM	Cubic Feet per Minute
CFR	Code of Federal Regulations
CISCA	Ceilings and Interior Systems Construction Association
CISPI	Cast Iron Soil Pipe Institute
CL	Lighting Contactor
CM	Construction Manager
CMP	Communications Plenum Cable
CMU	Concrete Masonry Unit
COAX	Coaxial Cable
COE	Corps of Engineers
CPSC	Consumer Product Safety Commission
CPVC	Chlorinated Polyvinyl Chloride
CRI	Carpet and Rug Institute
CRI	Color Rendering Index
CRSI	Concrete Reinforcing Steel Institute
CS	Commercial Standards
CSE	Central Switching Exchange
CSI	Construction Specification Institute
CTI	Cooling Tower Institute
CX	Commissioning
DB	Decibel
DC	Direct Current
DD	Design Development
DDC	Direct Digital Control
DEMARC	Demarcation
DFT	Dry Film Thickness
Div.	Division
DNR	Department of Natural Resources
DOE	Department of Energy
DSL	Digital Subscriber Line
DVD	Digital Versatile Disk
DX	Direct Expansion
EIA	Electronic Industries Association
EIFS	Exterior Insulation and Finish System
EIMA	EIFS Industry Members Association
EIMA	Exterior Insulation Manufacturer Association
EIT	Engineer in Training
EJMA	Expansion Joint Manufacturers Association, Inc.
EF	Entrance Facilities
ELA	Extended Learning Area
EMT	Electrical Metallic Tubing
EPA	Environmental Protection Agency or Effective Projected Area
EPDM	Ethylene Propylene Diene Monomers
EPS	Expanded Polystyrene
ER	Main Control/Equipment Room

ABBREVIATIONS

ETL	Electrical Testing Laboratories
f_c	Specified Compressive Strength (Concrete at the age of 28 days)
FCAN	Full Capacity Above Normal
FCBN	Full Capacity Below Normal
FCC	Federal Communications Commission
FEMA	Federal Emergency Management Agency
FEP	Front End Processor
FF/FL	Floor Flatness/Floor Levelness
FGMA	Flat Glass Marketing Association
Flt-Fn	Float Finish
FM	Factory Mutual
FS	Federal Specification
Gb	Gigabit (billion bits)
Gbps	Gigabits (billions of bits) per Second
GC	General Contractor
GG	Geogrid
Gnd	Ground
gpm	Gallon per Minute
GRI	Geosynthetic Research Institute
Grt-CI-Fn	Grout Clean Finish
HCFC	Hydrochlorofluorocarbons
HDPE	High Density Polyethylene
HI	Hydronics Institute
HID	High Intensity Discharge
HPMA	Hardwood Plywood Manufacturers Association
HPVA	Hardwood Plywood and Veneer Association
HSS	Hollow Structural Sections
HUD/FHA	U.S. Department of Housing and Urban Development/Federal Housing
HVAC	Heating, Ventilating, and Air Conditioning
IAPMO	International Association of Plumbing and Mechanical Officials
ICEA	Insulated Cable Engineers Association
ID	Inside Dimension
IDF	Intermediate Distribution Frame Closets
IEEE	Institute of Electrical and Electronics Engineers, Inc.
IEP	Individual Education Programs
IES	Illuminating Engineers Society
IP	Internet Protocol
IPCEA	Insulated Power Cable Engineers Association
IR	Infrared
ISDN	Integrated Services Digital Network
ITL	Independent Testing Laboratories
IVDL	Interactive Video Distance Learning
kb	Kilobit
kB	KiloByte
kbps	Kilo (thousand) bits per second
L/H	Length/Height
LAN	Local Area Network
LEC	Local Exchange Carrier (Now Service Provider [SP])
LED	Light Emitting Diode

ABBREVIATIONS

LP	Liquid Petroleum
LP	Liquid Propane
MB	MegaByte
Mb	Megabit
MBA	Modified Bitumen APP
Mbps	Millions of bits per Second
MC	Main Cross-connect (aka Technology Control Center)
MERV	Minimum Efficiency Reporting Value
MFMA	Maple Flooring Manufacturers Association
MHz	Million Hertz (Cycles per Second)
MIA	Masonry Institute of America
MLMA	Metal Lath Manufacturer Association
mm	Multi-Mode
MSS	Manufacturers Standardization Society of the Valve and Fitting Industry
MW	Moderate Weather
NAB	National Association of Broadcasters
NAEB	National Association of Educational Broadcasters
NBC	National Building Code
NBS	National Bureau of Standards
NCMA	National Concrete Masonry Association
NCPI	National Clay Pipe Institute
NDL	No Dollar Limit
NEBB	National Environmental Balancing Bureau
NEC	Nation Electric Code-Latest Edition
NEMA	National Electrical Manufacturers Association
NESC	National Electrical Safety Code
NFPA	National Fire Protection Association
NMC	National Mechanical Code
NPA	National Particleboard Association
NPC	National Plumbing Code
NRC	Noise Reduction Coefficient
NRCA	National Roofing Contractors Association
NsBrm-Fn	Non-slip Broom Finish
NSF	National Sanitation Foundation
NWWDA	National Wood Window and Door Association
OBC	Ohio Building Code
ODOT	Ohio Department of Transportation
OEPA	Ohio Environmental Protection Agency
ORC	Ohio Revised Code
OSFC	Ohio School Facilities Commission
OSN	Ohio SchoolNet Commission
OSP	Outside Plant
OTDR	Optical Time Division Reflectometer
PA	Project Administrator
PABX	Private Automatic Branch Exchange
PC	Personal Computer
PCA	Portland Cement Association
PCI	Prestressed Concrete Institute
PDCA	Painting and Decorating Contractors of America

ABBREVIATIONS

PDI	Plumbing and Drainage Institute
PID	Proportional, Integral, Derivative
PPM	Parts per Million
PRI	Primary Rate Interface
psi	Pounds per Square Inch
psig	Pounds per Square Inch Gauge
PSTN	Public Switched Telephone Network
PVC	Polyvinyl Chloride
PVC	Permanent Virtual Circuit
QoS	Quality of Service
RCDD	Registered Communications Distribution Designer
RF	Radio Frequency
RfFm-Fn	Rough Formed Finish
RFI	Request for Information
RIS	Redwood Inspection Service
RJ	Residential Jack
SACMU	Sound Absorbing Concrete Masonry Unit
SBS	Styrene-Butadiene-Styrene
SC	Subscriber Connector (Fiber-Optic Connector)
SCP	System Control Processor
SD	Schematic Design
SDI	Steel Deck Institute
SDI	Steel Door Institute
SF	Square Feet
SF	Square Foot
SJI	Steel Joist Institute
sm	Single-Mode
SMACNA	Sheet Metal and Air Conditioning Contractors' National Association, Inc.
SmFm-Fn	Smooth Formed Finish
SNMP	Simple Network Management Protocol
SP	Service Provider
SPL	Sound Pressure Level
SPRI	Single Ply Roofing Institute
ST	Straight Tip (Fiber-Optic Connector)
STC	Sound Transmission Coefficient
STI	Steel Tank Institute
SVC	Switched Virtual Circuit
SW	Severe Weather
SWP	Standard Water Pressure
TBB	Telecommunications Bonding Backbone
TC	Telecommunications Closet (aka Telecommunications Room)
TCA	Tile Council of America
TCC	Technology Control Center (aka Main Cross-Connect)
TCP/IP	Transmission Control Protocol/Internet Protocol
TDM	Time Division Multiplexing
TGB	Telecommunications Grounding Busbar
THHN	Heat Resistant Thermoplastic Conductor
THWN	Moisture and Heat Resistant Thermoplastic Conductor
TIA	Telecommunications Industry Association

ABBREVIATIONS

TIS	Traffic Impact Study
TMGB	Telecommunications Main Grounding Busbar
TMS	The Masonry Society
TR	Telecommunications Room (aka Telecommunications Closet)
Tr-Fn	Trowel Finish
TV	Television
TWS	Tackable Wall Surface
UL	Underwriters Laboratories
UL	Underwriter's Lab
UPS	Uninterruptible Power Supply
UTP	Unshielded Twisted Pair
VAV	Variable Air Volume
VCP	Visual Comfort Probability
VCR	Video Cassette Recorder
VCT	Vinyl Composition Tile
VCTT	Vinyl Cushion Tufted Textiles
VET	Vinyl Enhanced Tile
VGA	Video Graphic Array (800 x 640)
VLAN	Virtual Local Area Network
VOC	Volatile Organic Compound
VoIP	Voice over IP
WAN	Wide Area Network
WLAN	Wireless Local Area Network
WSP	Working Steam Pressure
WWF	Welded Wire Fabric
WWPA	Western Wood Products Association
XGA	Extended Graphic Array (1024 x 768)