

**TYPICAL BUILDING EFFICIENCIES AND AVERAGE GSF BUILDING COSTS 21-23**

<b>Building Category</b>	<b>Total GSF</b>	<b>Efficiency %</b>	<b>Cost per GSF</b>
Classroom/Lecture Building	50,000	66	\$227-290*
Fine Arts/Auditorium	50,000	62	\$303-391*
Food Service Building	30,000	65	\$265-354*
Laboratory Space:			
- Academic Dry Lab	25,000	62	\$328-353*
- Academic Wet Lab	25,000	60	\$443-645*
- Research Lab	30,000	58	\$429-645*
- Computer Lab	30,000	62	\$265-354*
Library	75,000	75	\$201-278*
Office Building			
- 1 Story	10,000	72	\$190-240*
- 2 - 4 Stories	40,000	70	\$177-240*
Residence Hall-New	Per GSF	76	\$235-311
Residence Hall-Remodel	Per GSF	NA	\$199-227
Medical Outpatient Clinic	Per GSF	NA	\$311-376
Physical Education Buildings			
- Arena	80,000	78	\$151-170
- Gym/Track	115,000	74	\$172-202
- Athletic Fields	200,000	N/A	\$21-38
- Pools-Indoor	120,000	70	\$347-442
Service and Maintenance Buildings			
- Vehicle Maintenance	4,000	83	\$120-158
- General Service	25,000	85	\$120-164
Storage Buildings:			
- Pole Frame (w/concrete floor, electric)	2,400	95	\$67-88
- Metal Frame (w/14' wall height, electric)	5,000	90	\$88-101
- Heated Warehouse	15,000	86	\$102-123
Student Center	75,000	65	\$240-278*
Visitor Center/Exhibit	10,000	80	\$214-265
Nursing Home-Assisted Care	Per GSF	NA	\$342-421

Building Category		Cost
Parking Ramp (500 Cars)		\$16,000-20,500 per stall
Parking ramp beneath building (125 cars)		\$28,900-37,500 per stall

**Other Cost Information:**

Building Category		Cost
Surface parking only (no lighting, curb, or sidewalk work)		\$2,362-3,544 per stall
Elevators:		
Low Rise, 1 to 3 Floors:		
Machine	Hydraulic 4,000# Capacity, 125 FPM Stretcher Capable Standard Finishes	\$100,000
	Add for rear door operator	\$10,000
	Add for each rear door entrance	\$2,000 per Floor
	If a cylinder is to be replaced as a part of the scope of work Add for potential well hole re-drilling	\$40,000
	Well hole re-drilling, typically, is not known until construction has begun.	
Hoist way	Pit	\$20,000
	Masonry Shaft	\$5,000 per Floor
	Add for interior cutting of floor (If installing a new elevator into an existing building)	\$9,000 per Floor
	Add for exterior finishes (i.e. brick)	\$5,000 per Floor
Mechanical/Electrical	<u>Sump pump, split system cooling system</u> (1.5 ton), line set 50' Kit and other electrical	\$10,000
	Add if needed for emergency power for Elevator	\$4,000
Asbestos Abatement	Sprayed on fire proofing	\$21.00 per SF
	Floor Tile	\$4.00 per SF
	Piping insulation	\$10-20.00 per LF

Optional Communications Items:

Structured cabling system and limited Wideband video distribution systems: \$7.00 per square foot, plus \$50,000 for Distributed Antenna System (DAS) to support Emergency Responder Radios or \$80,000 - \$140,000 for DAS supporting cell phone coverage and emergency radios. Cost for Audiovisual Systems will be in addition to the above and will be project dependent.