

School Information - Choose District and Then School Name

Field	Current Info	Proposed Adjustment	Justification for Proposed Adjustment
District (Choose First)			
School Name (Choose Second)			
School Type			
Year Const.			
Year Last Renovated			
Stories			
Gross Area (Required)			
Net Useable Area			
Grades			
Address			
City			
State			
Zip Code			
Notes			

Required fields will be designated below each table. If any of the fields are incorrect or show "Unknown", please enter the correct value in the "Proposed Adjustment" column and enter the reason in the "Justification" column (if you know the information).

Gross Area is required for the tool to work, so please enter a value if "Unknown" is displayed.

Required field(s): The box found at column Current Info and row District (Choose First)

Good Repair Questions

System Group	Good Repair Questions	Response	Severity	Severity Guidance	Enter Comments Here
Conveyances	Are your elevators unreliable, with frequent service calls?			<p>Minor - Occasional nuisance issues with elevator but generally operational</p> <p>Moderate - Usually operational but with some known issues or somewhat frequent downtime.</p> <p>Major - Significant known issues, unreliable and frequent downtime</p>	
Electrical	Are there any problems or inadequacies with exterior lighting?			<p>Minor - Most fixtures are operational, some may not work, some may provide intermittent service.</p> <p>Moderate - Most fixtures generally work, some do not work, some areas are not sufficiently lit.</p> <p>Major - Many fixtures are not operational, intermittent and/or there are safety concerns about insufficient lighting.</p>	
	Is the electrical service outdated, undersized, or otherwise problematic?			<p>Minor - Some areas do not have enough outlets given the need, occasional breakers need to be reset due to overload.</p> <p>Moderate - Breaker panels are fully utilized, many areas do not have sufficient outlets, local breaker resets are routine in some areas, main breakers are hot or noisy.</p> <p>Major - Switchgear is overloaded, main breakers trip, some breakers are intentionally shut off to limit use, there are known major issues with the system.</p>	
General	Are there any other unresolved construction defects or significant issues/hazards at the property that have not yet been identified above?			<p>Minor - single or limited number of hazards that don't impact building use or occupant safety</p> <p>Moderate - multiple issues that if left unaddressed could progress to impact building use or occupant safety</p> <p>Major - issues pose an immediate threat to occupant safety or limit building use</p>	
	Are any areas of the facility inadequately cooled?			<p>Minor - Some inhabited areas are uncomfortable 5-10 days a year</p> <p>Moderate - Many areas are uncomfortable during warm months, the building may occasionally be closed during extreme heat.</p> <p>Major - Most or all areas lack cooling, building will be likely be closed during extreme heat.</p>	

Mechanical Systems	Are any areas of the facility inadequately heated?			<p>Minor - Some inhabited areas are uncomfortable 5-10 days a year</p> <p>Moderate - Many areas are uncomfortable during extreme cold , space heaters are utilized in some areas, lack of heating redundancy.</p> <p>Major - Generally insufficient heating capabilities during cold months, heating systems are maxxed, freezing pipes, school closures due to cold.</p>	
	Are any areas of the facility inadequately ventilated?			<p>Minor - Some generally unoccupied or storage areas have poor or no ventilation</p> <p>Moderate - Storage areas are not ventilated and there is insufficient ventilation in some unoccupied areas.</p> <p>Major - The building has generally poor ventilation in a significant amount of occupide spaces.</p>	
	Are there any poorly insulated areas?			<p>Minor - Some areas of the building are poorly insulated, generally in unoccupied areas.</p> <p>Moderate - The building has some areas in occupied spaces that are poorly insulated.</p> <p>Major - Much of the building has poor insulation, including occupied areas.</p>	
	Have there been any leaks or pressure problems with HVAC supply/return lines?			<p>Minor - There are small seepage leaks or drips in areas that do not affect students or staff. Low pressure in some areas may be experienced during peak times.</p> <p>Moderate - There may be persistent leaks in certain locations and/or pressure issues during routine use.</p> <p>Major - There are pervasive leaks throughout the systems and/or insufficient pressure to maintain proper operations.</p>	
	Are there any areas of visible mold/mildew growth?			<p>Minor - Mold may be observed in some areas, particularly in basement, storage roms or mechanical spaces.</p> <p>Moderate - Mold is observed in areas that can become damp during humity or rain cycles, typically near windows or door areas.</p> <p>Major - Mold is observed in other locations in various areas of the building.</p>	

Mold/Mildew	Are there complaints of musty odors?			<p>Minor - Infrequent complaints from few individuals.</p> <p>Moderate - Frequent complaints during high humidity or after rains.</p> <p>Major - Constant complaints and routinely perceptible odors.</p>	
	Are there areas of the facility that are regularly damp and/or humid?			<p>Minor - Some unoccupied areas of the building are damp and humid during periods of high humidity.</p> <p>Moderate - Some occupied areas of the building are damp and humid during periods of high humidity.</p> <p>Major - More than half of the building experiences dampness and humidity</p>	
Plumbing Systems	Are there any clogging/back-up problems?			<p>Minor - Occasional clogging or backup due to design or condition issues (not misuse).</p> <p>Moderate - Repeated clogging or backup in specific areas - known issues.</p> <p>Major - Poor or inadequate system design resulting in significant ongoing issues.</p>	
	Are there any plumbing leaks?			<p>Minor - There are small seepage leaks or drips in areas that do not affect students or staff.</p> <p>Moderate - There may be persistent leaks in certain locations.</p> <p>Major - There are pervasive leaks throughout the system.</p>	
	Are there any plumbing water pressure issues?			<p>Minor - Low pressure in some areas may be experienced during peak times.</p> <p>Moderate - There may be persistent pressure issues during routine use.</p> <p>Major - There is insufficient pressure to maintain proper operations.</p>	
	Have there been any leaks or pressure problems with steam service?			<p>Minor - There are small seepage leaks or drips in areas that do not affect students or staff. Low pressure in some areas may be experienced during peak times.</p> <p>Moderate - There may be persistent leaks in certain locations and/or pressure issues during routine use.</p> <p>Major - There are pervasive leaks throughout the systems and/or insufficient pressure to maintain proper operations.</p> <p>NOTE: <u>ANY</u> high pressure steam leaks should be considered an emergency and reported to the fire department immediately.</p>	

Roofs	Are there any roof leaks?			<p>Minor - Seepage or occasional dripping.</p> <p>Moderate - Small but persistent leak(s) that are localized.</p> <p>Major - Significant large or widespread leaks, may affect other systems or finishes.</p>	
	Are there any problems with roofing systems?			<p>Minor - Roof is generally sound but there are areas of ponding, poor drainage or damaged flashing - no leaks or only minor infrequent leaks.</p> <p>Moderate - Roof is serviceable but there are soft areas when walking on the roof and there are minor but ongoing leaks.</p> <p>Major - Roof has persistent leaks and is known to have issues with ponding, flashing and/or drainage.</p>	
Site	Is site/parking drainage inadequate, with excessive ponding or other problems?			<p>Minor - Occasional ponding in certain areas during or after heavy rainfall.</p> <p>Moderate - Ponding in some areas during normal rainfall, that resolves in a day or so.</p> <p>Major - Excessive ponding and standing water in several areas during normal rains, insufficient overall drainage.</p>	
Skin	Are there any wall leaks?			<p>Minor - Occasional dripping during windy conditions</p> <p>Moderate - occasional leaks during normal rain and heavy leaks during windy conditions, may cause finish damage</p> <p>Major - Always leaks during rain, visible interior damage to walls and flooring.</p>	
	Are there any window leaks?			<p>Minor - Occasional dripping during windy conditions</p> <p>Moderate - occasional leaks during normal rain and heavy leaks during windy conditions, may cause finish damage</p> <p>Major - Always leaks during rain, visible interior damage to walls and flooring.</p>	

Structural	Are there any basement leaks?			<p>Minor - The basement has minor leaks during times of heavy rain - occurrences are occasional and happen infrequently.</p> <p>Moderate - During heavy rains, basement will leak and require water abatement. Occasional small leaks during prolonged periods of rain.</p> <p>Major - Frequently leaks even during modest or small rains or melting.</p>	
	Are there any problems with foundations or structures, like excessive settlement?			<p>Minor - Visible cracks of 1/8" wide or more or surface spalling.</p> <p>Moderate - cracks of 1/4" or more or visible shedding of concrete material.</p> <p>Major - Cracks 1/2" or wider, or visible settling of the structure or walls, significant and worsening cracking, known issues identified by structural engineer.</p>	
Gas Leaks	Have there been any gas leaks observed or reported in the facility?			<p>Minor - Occasionally, an odor of gas is noticed or reported on the exterior of the building near gas meters or regulators - not a persistent issue.</p> <p>Moderate - Odors on the exterior of the building are routinely noted or reported near gas meters or regulators.</p> <p>Major - Any other reports of ongoing gas odors, <u>OR ANY INSIDE THE BUILDING</u>. Note that this should be considered an emergency situation and reported to the fire department immediately.</p>	
Building Envelope	Are there any significant cracks or defects in the building exterior walls?			<p>Minor - Visible cracks of 1/8" wide or more or surface spalling.</p> <p>Moderate - cracks of 1/4" or more or visible shedding of concrete material.</p> <p>Major - Cracks 1/2" or wider, or visible settling of the walls, significant and worsening cracking.</p>	
	Are there areas with evidence of water intrusion, not associated with known leaks?			<p>Minor - Occasional staining of walls or ceilings or near windows.</p> <p>Moderate - Visible staining on walls or ceilings that tend to become worse after heavy rains.</p> <p>Major - walls that become soft or wet after rains.</p>	

Water Quality	Has the water from consumption points in the school been tested for lead in the last three years?			<p>Minor - Single or limited number of hazards that don't impact building use or occupant safety.</p> <p>Moderate – Multiple fixtures with exceedances or localized area with main or supply piping contamination.</p> <p>Major – Widespread exceedances suggest multiple sources or indicate main or source piping may contain lead.</p>	
	Are the fixtures at consumption points greater than 10 years old?			<p>Minor - Less than 10%</p> <p>Moderate - 10-50%</p> <p>Major - Over 50%</p>	
	Are water filters present at all consumption points?			<p>Minor - Less than 10%</p> <p>Moderate - 10-50%</p> <p>Major - Over 50%</p>	
	Is there a written filter replacement/maintenance plan in place for all consumption points?		N/A	N/A	
	Are there reports of complaints related to water color, clarity, odor or taste?			<p>Minor - Infrequent complaints from few individuals.</p> <p>Moderate - Routine complaints from numerous individuals.</p> <p>Major - Constant complaints and routinely perceptible odor and taste issues.</p>	
Interior Surfaces	Are interior surfaces (built-in counters, casework, display cases, shelving, etc) in good condition?			<p>Minor - Some minor chipping or discoloration of surfaces or finishes, but generally presentable and in good to fair condition.</p> <p>Moderate - General wear/tear an aging of surfaces and finishes, serviceable but somewhat worn.</p> <p>Major - Aged, unsightly and/or lots of chipped surfaces, non-functional doors or loose shelving throughout much of the building.</p>	
	Are there areas of deteriorated paint, wood, wallpaper or other surfaces in need of repair?			<p>Minor - Generally in good to fair condition, some areas may need repair or repainting but otherwise ok.</p> <p>Moderate - Finishes are aged, dull, smudged or peeling in some areas of the building, generally serviceable but somewhat unsightly.</p> <p>Major - Significant deterioration of wall finishes, unsightly appearance, peeling wallpaper and/or chipped or damaged finishes of other surfaces in much of the building.</p>	

	Are floors generally in good repair and free of cracks, gaps, etc.?			<p>Minor - Occasional chipping or cracking in flooring but otherwise in good servicable condition.</p> <p>Moderate - cracking or chpiing in a few areas, cracks may be large enough to be felt underfoot.</p> <p>Major - excessive cracking or chipping with some areas presenting potential tripping hazards.</p>	
Hazardous Materials	Are any hazardous materials present improperly stored and labeled?		N/A	N/A	
	Is there an asbestos management plan in place, if applicable?		N/A	N/A	
Fire Safety	Has the fire alarm system been inspected as required?		N/A	N/A	
	Are fire exits clearly marked?		N/A	N/A	
	Is there an up to date emergency evacuation plan?		N/A	N/A	
ADA	Has an accessibility study been performed at the site? If so, when? - Enter in Comments		N/A	N/A	
	If an ADA study has occurred, have the associated recommendations been addressed? In full or in part? - Enter in Comments		N/A	N/A	
	Have there been regular complaints about accessibility issues, or previous or pending litigation?		N/A	N/A	

Required field(s): The entire Response column.

Modernization Questions

Type	Class	Category	System	Compliance Level	
Energy	Building	Appliances /Vending	Energy Star Refrigerators in Breakrooms / Community Rooms		
			Install Energy Savers on Vending, Snack Machines		
			Install Front Load Commercial / Residential Washers		
			Replace Existing Freezers With High Efficiency Freezers		
		Envelope	Add Reflective Coating To Exterior Windows		
			Air seal Bldg. Control External Air Leakage		
			Install Rapid Closing Overhead Doors -Warehouse/loading dock		
			Install Reflective Insulation Between Radiators And External Wall		
			Upgrade Attic Insulation - R60 Attic Insulation		
			Upgrade Exterior Windows - Double pane windows with thermal breaks Low-e		
Utility Metering	Upgrade Wall Insulation - R30 Wall Insulation				
	Disconnect & Reconcile Multiple Utility Meters (Central Supply)				
Electrical	Electrical	Install Sub-meters For Electric / Water			
		Electrical Distribution System Upgrade (Within Past 10 years)			
Lighting	Lighting	Convert "EXIT" Signs to LED			
		Convert Exterior Lights to LED			
Energy	HVAC	Air Handling	Install Automatic Lighting Controls		
			Interior LED lighting and occupancy with daylight controls		
			Energy Recovery Ventilation (ERV) and air handling units with heat recovery wheels		
			High Efficiency Motors - AHU		
			Insulate Air Ducts		
		Controls	Minimum Efficiency Reporting Value (MERV) 13 filters, MERV 11 minimum if higher-rated		
			New ductwork system adequate for heating and cooling demand (Within Past 10 years)		
			Outside Air Control Through Co2 Sensors in AHU		
			Steam Clean AHU Fan Coils (Annually)		
			DDC Controls throughout the building		
Cooling	Independent temperature control in rooms, offices, classrooms				
	Install Building Energy Management System				
	Install Self Learning Programmable Thermostats				
	Install Thermostatic Radiator Valve (TRV) controls for Steam Radiators				
	Re-Commission The Building & Control Systems (Within past five years)				
Heating	Timers on Manual Exhaust Fans				
	Upgrade Pneumatic to DDC for Building Controls				
	Dehumidification systems for summer use				
	Install high SEER Split Heat Pump Air Conditioning Systems				
	Install SEER 10+ Through the Window AC Units				
Hydronic and piping	Install SEER 16+ Split Air Conditioning Systems				
	Install SEER 18+ Ductless Split Air Conditioning System				
	Insulate Refrigerant Lines				
	Replace Rooftop Package Units (Within Past 10 years)				
	Upgrade Chillers /Cooling Systems (Within Past 10 years)				
Make-up air units	Install High Efficiency Boilers				
	Repair / Install Hot Water Pipe Insulation (Annually)				
	Repair /Install Insulation on Hot Surfaces And Tanks				
	Replace Defective Steam Traps				
	Electric baseboard heat				
Pump /Fan Motors	Replace Unit Heaters (Within Past 10 years)				
	Upgrade Electric Heating System To Heat Pumps				
	Install Hydronic Piping 4 pipe system				
	Install MUA units in kitchens				
	High Efficiency Motors - Cooling Towers				
Energy	Plumbing	DWH	VFD on AHU and Pump Motors		
			Lower DWH Setpoint to 122F - (Not for Commercial Kitchen)		
		HVAC	Setback loop on Circulation Pump		
			Upgrade Domestic Water heaters (Within Past 10 years)		
		Irrigation	Repair / Install Hot Water Pipe Insulation (HVAC Piping)		
			Repair /Install Insulation on Hot Surfaces And Tanks (HVAC Systems)		
		Plumbing	Plumbing	Install Smart Irrigation System	
				Central Domestic Hot Water separate from full heating system?	
				Install 0.125GPF Urinals	
				Install 0.5 Low Flow Faucet Aerators in Restrooms	
Install 1.0GPM Low Flow Flush Tank Toilets					
Pump /Fan Motors	Install 1.5GPM Aerator in Kitchen/ Break Rm. Faucets				
	Install 1.5GPM Low Flow Shower Heads				
	Retrofit Commercial Toilets to Dual Flush				
Modernization	Building	Fire Alarm	High Efficiency Motors - Circulation Pumps		
			Upgrade Fire alarm system with addressable panel		
		Fire Suppression	Full-coverage fire suppression		
			Are floors durable with low maintenance? (Durable rubber, terrazzo, high quality VCT, etc)		
		Flooring	Is backup generator system on site providing full backup?		
			Casework upgrade		
		Generator	Install suspended ceiling in areas of no finish		
			Is elevator available to staff and students.		
		Interior upgrades	Card access system		
			Sufficient parking available		
Security	Upgrade plumbing system supply and sanitary water system (Within Past 10 years)				
	Site				
Modernization	Plumbing	Plumbing	Comm upgrade		
			Ethernet and high bandwidth Wi-Fi		
			Electronic Whiteboards in classrooms		
			PA systems and Visual displays for classrooms and Hallways		
Modernization	Sufficiency	Site	Artificial turf playing fields and courts		
			Non-idling bus lanes		

Asset Lifecycle Analysis (Enter Values Where Applicable)

System Type	System Group	Asset Name	EUL	New Unit Cost	UoM	Quantity	Total Cost	RUL	Percent Used	
Building Equipment & Systems	Conveyances	Hydraulic Elevator/Controller/Cab	25	\$ 50,000.00	Stops					
		Traction Elevator/Controller/Cab	25	\$ 75,000.00	Stops					
		Wheelchair Lift	25	\$ 28,000.00	EA					
	Electrical Distribution	Electrical Service - MDP - High Density	40	\$ 20.00	GSF					
		Electrical Service - MDP - Standard Density	40	\$ 16.00	GSF					
		Electrical Service - MDP/Gen/UPS - High Density	40	\$ 24.00	GSF					
		Electrical Service - MDP/Gen/UPS - Standard	40	\$ 20.00	GSF					
		Lighting - High Density and/or High End Fixtures	20	\$ 13.00	SF					
		Lighting - Standard Density & Standard Fixtures	20	\$ 8.00	SF					
		Security & Low Voltage Systems - Standard	15	\$ 9.00	GSF					
		Security & Low Voltage Systems - High Density	15	\$ 12.00	GSF					
		Solar PV Panel w/Inverter	20	\$ 2,000.00	EA					
		Switchgear w/Sub Panels - High Density	40	\$ 22.00	GSF					
		Switchgear w/Sub Panels - Standard Density	40	\$ 18.00	GSF					
		Switchgear w/Sub Panels/Gen/UPS - High Density	40	\$ 27.00	GSF					
		Switchgear w/Sub Panels/Gen/UPS -Standard Density	40	\$ 23.00	GSF					
	HVAC	Boiler(s)/System - Coal	30	\$ 62.00	MBH					
		Boiler(s)/System - Dual Fuel	30	\$ 62.00	MBH					
		Boiler(s)/System - Electric	30	\$ 57.00	MBH					
		Boiler(s)/System - Condensing	30	\$ 90.00	MBH					
		Boiler(s)/System - Fuel Oil	30	\$ 60.00	MBH					
		Boiler(s)/System - Gas	30	\$ 62.00	MBH					
		Chiller(s) / Cooling Tower(s) - Air Sourced	25	\$ 1,200.00	TON					
		Chiller(s) / Cooling Tower(s) - Water Sourced	25	\$ 1,500.00	TON					
		Electrical Heat (NOT part of Central System)	35	\$ 50.00	MBH					
		Even Mix of Package Units & Split Systems	18	\$ 1,900.00	TON					
		Forced Air System, 2-Pipe System	30	\$ 18.00	GSF					
		Forced Air System, 4-Pipe System	30	\$ 22.00	GSF					
		Geothermal System (Heating and/or Cooling)	20	\$ 145.00	MBH					
		Off-Site Chilled Water Plant (Distribution ONLY)	25	\$ 420.00	TON					
		Off-Site Steam Plant (Distribution ONLY)	30	\$ 35.00	MBH					
		Package Units (RTUs)	20	\$ 7,000.00	TON					
	Piped System - Unit Ventilators/Fan Coils, 2-	30	\$ 10.00	GSF						
	Split Systems	15	\$ 2,000.00	TON						
	Life Safety	Fire Alarm System, Advanced Addressable	20	\$ 6.00	SF					
		Fire Alarm System, Basic/Zoned	20	\$ 1.50	SF					
		Fire Alarm System, Standard Addressable	20	\$ 3.00	SF					
		Sprinkler System, High Density/Complexity	40	\$ 8.76	SF					
		Sprinkler System, Standard Density/Complexity	40	\$ 3.40	SF					
	Plumbing Fixtures	Supply & Sanitary, High Density (w/Fixtures)	40	\$ 20.00	GSF					
		Supply & Sanitary, Low Density (w/Fixtures)	40	\$ 7.00	GSF					
		Supply & Sanitary, Standard Density	40	\$ 15.00	GSF					
	Program Support Equipment	Casework - Premium Quality	22	\$ 510.00	LF					
		Casework - Standard Quality	20	\$ 421.00	LF					
		Commercial Kitchen Equipment - Cooking	15	\$ 40,000.00	LS					
		Commercial Kitchen Equipment - Serving Only	15	\$ 15,000.00	LS					
		Commercial Kitchen Equipment - Warming Only	15	\$ 25,000.00	LS					
	Swimming pool	20	\$ 80.00	SF						
	Roofs	Asphalt Shingle Roof	20	\$ 8.00	SF					
		Built-Up Roof	20	\$ 28.00	SF					
		Clay Tile Roof	50	\$ 29.00	SF					
		Green w/Hot-Applied Rubberized Asphalt Roof	20	\$ 35.00	SF					
		Inverted Roof Membrane Assembly (IRMA)	20	\$ 10.00	SF					
		Metal Roof	50	\$ 39.00	SF					
		Modified Bituminous Roof	20	\$ 26.00	SF					
		Roof Skylight	30	\$ 50.00	SF					
		Roof Structure/Framing	75	\$ 30.00	SF					
		Single-Ply EPDM Membrane Roof	20	\$ 25.00	SF					
		Single-Ply TPO/PVC Membrane Roof	20	\$ 25.00	SF					
		Slate Roof	75	\$ 49.00	SF					
		Skin	Brick - Exterior Wall	50	\$ 39.80	SF				
			Concrete Block (CMU) - Exterior Wall	50	\$ 26.00	SF				
			Concrete Cast-in-Place - Exterior Wall	50	\$ 31.00	SF				
			Concrete Tilt-Up - Exterior Wall	50	\$ 18.00	SF				
	Curtain Wall - Exterior Wall		50	\$ 110.00	SF					
	Exterior Door, Aluminum-Framed Fully-Glazed		40	\$ 4,500.00	EA					
	Exterior Door, FRP (Fiber Reinforced Plastic)		35	\$ 4,200.00	EA					
Exterior Door, Steel	40		\$ 3,735.00	EA						
Exterior Door, Wood	25		\$ 2,865.00	EA						
Exterior Overhead Door, Aluminum	30		\$ 5,000.00	EA						
Exterior Overhead Door, Steel	30		\$ 3,200.00	EA						
Exterior Overhead Door, Wood	30		\$ 3,000.00	EA						
Exterior Service Door, Steel	40		\$ 3,400.00	EA						
Exterior Siding, Aluminum	40		\$ 11.00	SF						
Exterior Siding, Fiber Cement	45		\$ 9.00	SF						
Exterior Siding, Vinyl	30		\$ 10.00	SF						
Exterior Siding, Wood Clapboard	30		\$ 16.00	SF						

Building Equipment & Systems

Building Exterior

Building Exterior		Glass Block - Exterior Wall	40	\$	50.00	SF					
		Metal/Insulated Panels - Exterior Wall	45	\$	22.00	SF					
		Stone - Exterior Wall	50	\$	60.00	SF					
		Storefront, Metal-Framed w/Door(s)	30	\$	55.00	SF					
		Stucco - Exterior Wall	50	\$	20.00	SF					
		Window, Metal-Frame	30	\$	60.00	SF					
		Window, Ribbon Metal-Framed	30	\$	55.00	SF					
		Window, Wood-Frame	30	\$	70.00	SF					
	Structural		Basement Wall, Concrete	100	\$	36.48	SF				
			Basement Wall, Masonry	100	\$	26.17	SF				
			Basement Wall, Stone	100	\$	72.17	SF				
			Concrete Cast-in-Place Structural Framing	100	\$	40.00	SF				
			Concrete Pre-Cast Structural Framing	100	\$	40.00	SF				
			Concrete Slab-on-Grade	100	\$	8.00	SF				
			Masonry Bearing Walls Structural Framing	100	\$	30.00	SF				
			Shallow Foundation - Concrete Footings	100	\$	120.00	LF				
			Shallow Foundation - Concrete Footings 3+ Stories	100	\$	140.00	LF				
			Shallow Foundation - Concrete Slab-on-Grade	100	\$	16.00	SF				
			Steel Columns & Beams Structural Framing	100	\$	45.00	SF				
		Steel, Light Gauge Structural Framing	100	\$	26.00	SF					
		Wood, Conventional Stud Structural Framing	100	\$	14.68	SF					
		Wood, Heavy Timber Structural Framing	100	\$	31.95	SF					
Building Interior	Ceilings	Fiberglass Panel Ceiling	25	\$	8.05	SF					
		Gypsum Board/Plaster Ceiling	30	\$	4.84	SF					
		Splined Acoustical Tile (ACT) Ceiling	25	\$	6.75	SF					
		Suspended Acoustical Tile (ACT) Ceiling	25	\$	7.60	SF					
		Textured Spray Coating Ceiling	20	\$	8.45	SF					
		Wood Ceiling	30	\$	30.50	SF					
	Flooring	Carpet	12	\$	4.00	SF					
		Ceramic Tile Floor	40	\$	17.30	SF					
		Concrete - Painted Floor	10	\$	1.96	SF					
		Quarry Tile Floor	50	\$	19.55	SF					
		Terrazzo Floor	50	\$	28.00	SF					
		Vinyl Composition Tile (VCT) Floor	20	\$	2.73	SF					
		Vinyl Composition Tile (VCT) Floor - Suspect	15	\$	5.39	SF					
		Vinyl Sheeting Floor	15	\$	3.80	SF					
	Wood Sports Floor	30	\$	23.00	SF						
	Interior Construction	Brick Interior Wall	50	\$	35.70	SF					
		Concrete Block (CMU) Interior Wall	50	\$	11.00	SF					
		Concrete Block (CMU), Glazed Interior Wall	50	\$	32.08	SF					
		Concrete Interior Wall	50	\$	28.30	SF					
		Gypsum Board/Plaster Interior Wall	20	\$	7.14	SF					
		Storefront/Glazing System - Interior Wall	30	\$	58.00	SF					
	Interior Doors and Hardware	Aluminum-Framed Fully-Glazed - Interior Door	40	\$	2,104.00	EA					
		Steel - Interior Door	40	\$	1,166.00	EA					
		Steel w/Glazing - Interior Door	40	\$	1,854.00	EA					
		Wood Solid-Core - Interior Door	40	\$	1,214.00	EA					
		Wood Solid-Core w/Glazing - Interior Door	40	\$	1,554.00	EA					
	Wall Finishes	Acoustical Paneling Interior Wall	25	\$	12.00	SF					
		Ceramic Tile Interior Wall	40	\$	18.00	SF					
		Fiberglass Panel Interior Wall	50	\$	12.00	SF					
		Quarry Tile Interior Wall	50	\$	26.00	SF					
		Vinyl Interior Wall Covering	15	\$	2.50	SF					
		Wood Interior Wall Paneling	30	\$	12.00	SF					
	Modulars	Modular Bldg. - Classroom/Office - Basic	20	\$	115.00	SF					
Modular Bldg. - Classroom/Office - Standard		20	\$	225.00	SF						
Relocatables	Relocatable Bldg. - Classroom/Office - Basic	15	\$	110.00	SF						
	Relocatable Bldg. - Classroom/Office - Standard	15	\$	125.00	SF						
Site	Site	Asphalt Pavement - Pedestrian	30	\$	6.00	SF					
		Asphalt Pavement - Vehicular	25	\$	6.50	SF					
		Athletic Surface - Artificial Turf	20	\$	13.38	SF					
		Athletic Surface - Lawn Area	15	\$	0.48	SF					
		Concrete Pavement - Pedestrian	50	\$	8.00	SF					
		Concrete Pavement - Vehicular	50	\$	9.00	SF					
		Gravel Parking Lot	7	\$	1.40	SF					
		Pavers - Pedestrian	35	\$	33.00	SF					
		Pavers - Vehicular	30	\$	33.00	SF					
		Playground Surface - Packed Sand	20	\$	1.20	SF					
		Playground Surface - Rubber	20	\$	21.00	SF					
		Playground Surface - Rubber Chips	20	\$	4.98	SF					
		Playground Surface - Wood Chips	15	\$	0.90	SF					
		Sports Courts, Asphalt	15	\$	6.50	SF					
Sports Courts, Concrete	30	\$	12.00	SF							

Asset Density Guidance

System Group	System	Guidance Text
Electrical Distribution	Electrical Service - MDP - High Density	Technical high schools with dense laboratory configurations <i>could be</i> High Density , Assessor Discretion.
Electrical Distribution	Electrical Service - MDP - Low Density	Outbuildings, pavilions, etc with light electrical systems (like a handful of outlets) should be low density.
Electrical Distribution	Electrical Service - MDP - Medium Density	Most schools will be Medium Density
Electrical Distribution	Electrical Service - MDP/Gen/UPS - High Density	If the building has <i>both</i> a UPS system and a large generator, consider High Density , especially if a technical high school with labs.
Electrical Distribution	Electrical Service - MDP/Gen/UPS - Low Density	Outbuildings, pavilions, etc with light electrical systems (like a handful of outlets) but also have a small generator or UPS should be low density.
Electrical Distribution	Electrical Service - MDP/Gen/UPS - Medium Density	Most schools will be Medium Density , use this selection if they also have a generator and/or ups.
Electrical Distribution	Lighting - High Density & Standard Fixtures	Schools with primarily LED lighting fixtures should be considered High Density .
Electrical Distribution	Lighting - Low Density & Standard Fixtures	Schools with typical surface mounted fluorescent lighting and incandescent type bulb fixtures (even with LED or CF retrofits) can be considered Low Density .
Electrical Distribution	Lighting - Medium Density & Standard Fixtures	Schools with primarily suspended ceiling mounted fluorescent lighting fixtures (even with LED or CF retrofits) can be considered Low Density .
Electrical Distribution	Lighting - Very High Density or High-End Fixtures	Schools with premium quality fixtures and higher lighting density should be classified as Very High Density

Electrical Distribution	Security & Low Voltage Systems - Average Density	Most schools will be Average Density
Electrical Distribution	Security & Low Voltage Systems - High Density	Schools with sophisticated security systems or other Low Voltage systems may be High Density
Electrical Distribution	Switchgear w/Sub Panels - High Density	Technical high schools with dense laboratory configurations <i>could be</i> High Density , Assessor Discretion.
Electrical Distribution	Switchgear w/Sub Panels - Low Density	Outbuildings, pavilions, etc with light electrical systems (like a handful of outlets) should be low density.
Electrical Distribution	Switchgear w/Sub Panels - Medium Density	Most schools will be Medium Density
Electrical Distribution	Switchgear w/Sub Panels/Gen/UPS - High Density	If the building has <i>both</i> a UPS system and a large generator, consider High Density , especially if a technical high school with labs.
Electrical Distribution	Switchgear w/Sub Panels/Gen/UPS - Low Density	Outbuildings, pavilions, etc with light electrical systems (like a handful of outlets) but also have a small generator or UPS should be low density.
Electrical Distribution	Switchgear w/Sub Panels/Gen/UPS - Medium Density	Most schools will be Medium Density , use this selection if they also have a generator and/or ups.
Life Safety	Sprinkler System, High Density/Complexity	Generally, schools that have complete sprinkler coverage should be High Density .
Life Safety	Sprinkler System, Low Density/Complexity	Schools with primarily stand-pipe systems and few sprinkler heads should be considered Low Density

Life Safety	Sprinkler System, Medium Density/Complexity	Schools with partial sprinkler systems (like an addition that is fully sprinklered, while the original is not) should be Medium Density
Plumbing Fixtures	Supply & Sanitary, High Density (w/Fixtures)	Technical high schools with dense laboratory configurations <i>could be</i> High Density , Assessor Discretion.
Plumbing Fixtures	Supply & Sanitary, Low Density (w/Fixtures)	Most schools will be Low Density
Plumbing Fixtures	Supply & Sanitary, Medium Density (w/Fixtures)	Schools with Locker Rooms>Showers and science labs should be Medium Density .
Plumbing Fixtures	Supply & Sanitary, Very Low Density (w/Fixtures)	Outbuildings, pavilions, etc with light plumbing (like hose connections/and or drinking fountains) should be very low density.
Program Support Equipment	Commercial Kitchen Equipment - Cooking	A Cooking kitchen will be a “full kitchen” where food is stored, prepared, cooked and served.
Program Support Equipment	Commercial Kitchen Equipment - Serving Only	A Serving Only kitchen is where food is brought in from the outside and immediately served. There are no cooking or rewarming equipment.
Program Support Equipment	Commercial Kitchen Equipment - Warming Only	A Warming kitchen is where previously prepared and cooked food is brought in from the outside and where the food is then rewarmed and served on-site.
Program Support Equipment	Casework - Premium Quality	Premium quality casework is typically constructed of 100% solid $\frac{3}{4}$ ” wood or metal materials. It is durable and stout, sometimes with glass front cabinets and stone or synthetic stone counters, if equipped.
Program Support Equipment	Casework - Standard Quality	Standard quality Casework is typically MDF type materials of $\frac{3}{4}$ ” construction and may contain durable synthetic counters.

Program Support Equipment	Casework - Sub-Standard Quality	Sub-standard casework is constructed of materials ½” or less in thickness and may feature non-durable laminate or wood counters.
Modulars	Modular Bldg. - Classroom/Office - Basic	Modulars that are stand-alone, have “trailer” style finishes and lack typical building/classroom finishes will be considered Basic.
Modulars	Modular Bldg. - Classroom/Office - Standard	Most Modulars will be considered Standard if they feature typical building, finishes and are fairly indistinguishable from a typical building to the untrained eye.
Relocatables	Relocatable Bldg. - Classroom/Office - Basic	Relocatables that are stand-alone, have “trailer” style finishes and lack platform access and/or heating/cooling will be considered Basic.
Relocatables	Relocatable Bldg. - Classroom/Office - Standard	Most relocatables will be considered Standard if they feature skirting, platform access and typical building/classroom-type finishes.