







Building Conditions Surveys vs. Technology Conditions Surveys: Systems Surveyed

Conducted every five years, a NYSED-mandated Building Conditions Survey (BCS) assesses the physical conditions of a district's Architectural, Mechanical, Electrical and Plumbing (AMEP) systems. It does not, however, include the technology infrastructure and related IP-based systems that move and use data throughout the district.

Conducted by Registered Communications Distribution Designers (RCDDs), our [Technology Conditions Surveys](#) (TCS) objectively assess the current conditions of a district's technology systems, and provides recommended improvements to meet district goals with a Rough Order of Magnitude budget for the recommendations. These findings create the foundation for the development of a district-wide, ten-year [Comprehensive Technology Plan](#) (CTP).

BUILDING CONDITIONS SURVEYS		TECHNOLOGY CONDITIONS SURVEYS		
Conducted by district's Architect Of Record (AOR)	Architectural Systems  Building Envelope, Exterior <ul style="list-style-type: none">• Structural Floors• Exterior Walls/Columns• Chimneys• Parapets• Exterior Doors• Exterior Steps, Stairs, Ramps• Fire Escapes• Windows• Roof and Skylights Building, Interior <ul style="list-style-type: none">• Interior Bearing Walls and Fire Walls• Other Interior Walls• Carpet• Resilient Tiles or Sheet Flooring• Hard Flooring• Wood Flooring• Ceilings• Lockers• Interior Doors• Interior Stairs• Cleanliness Other <ul style="list-style-type: none">• Site Utilities• Storm-water Management• Other Site Features (Pavement, Sidewalks, Grounds, etc.)• Substructure	Electrical Systems  <ul style="list-style-type: none">• Interior Electrical Distribution• Lighting Fixtures and Lighting Quality	Technology Systems 	Conducted by Archi-Technology as consultant to district's AOR
		Plumbing Systems  <ul style="list-style-type: none">• Water Distribution System• Plumbing Drainage System• Hot Water Heaters• Plumbing Fixtures	Technology Infrastructure <ul style="list-style-type: none">• Horizontal Cabling• Backbone Cabling• Pathways• Spaces including Communication Equipment Rooms (CERs)	
		HVAC Systems  <ul style="list-style-type: none">• Heat Generating Systems• Heating Fuel/Energy Systems• Cooling/Air Conditioning Generating Systems• Air Handling and Ventilation Equipment• Piped Heating and Cooling Distribution Systems• Ducted Heating & Cooling Distribution Systems• HVAC Control Systems• Environment/Comfort/Health	Data Network <ul style="list-style-type: none">• Network Hardware (Wired)• Wireless Network• Security• Monitoring	
		Life Safety Systems  <ul style="list-style-type: none">• Fire Safety Systems• Smoke Detection System• Fire Suppression Systems• Emergency/Exit Lighting Systems• Emergency/Standby Power Systems	Communications Systems <ul style="list-style-type: none">• Voice (Telephone)• Data Integrated Audio-Video <ul style="list-style-type: none">• Classroom Instruction• Cable Television• Conference Rooms and Auditoriums Distributed Audio-Video <ul style="list-style-type: none">• Public Address• Synchronized Clocks Security <ul style="list-style-type: none">• Video Surveillance• Access Control• Intrusion Detection	
5-YEAR DISTRICT CAPITAL PLAN		10-YEAR TECHNOLOGY PLAN		

Visit Archi-Technology.com for more information or call 585.286.4500 to discuss your organization's needs.