



**East Ramapo Central  
School District**

# **Board Of Education Meeting**

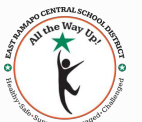
## **Building Condition Survey Review**

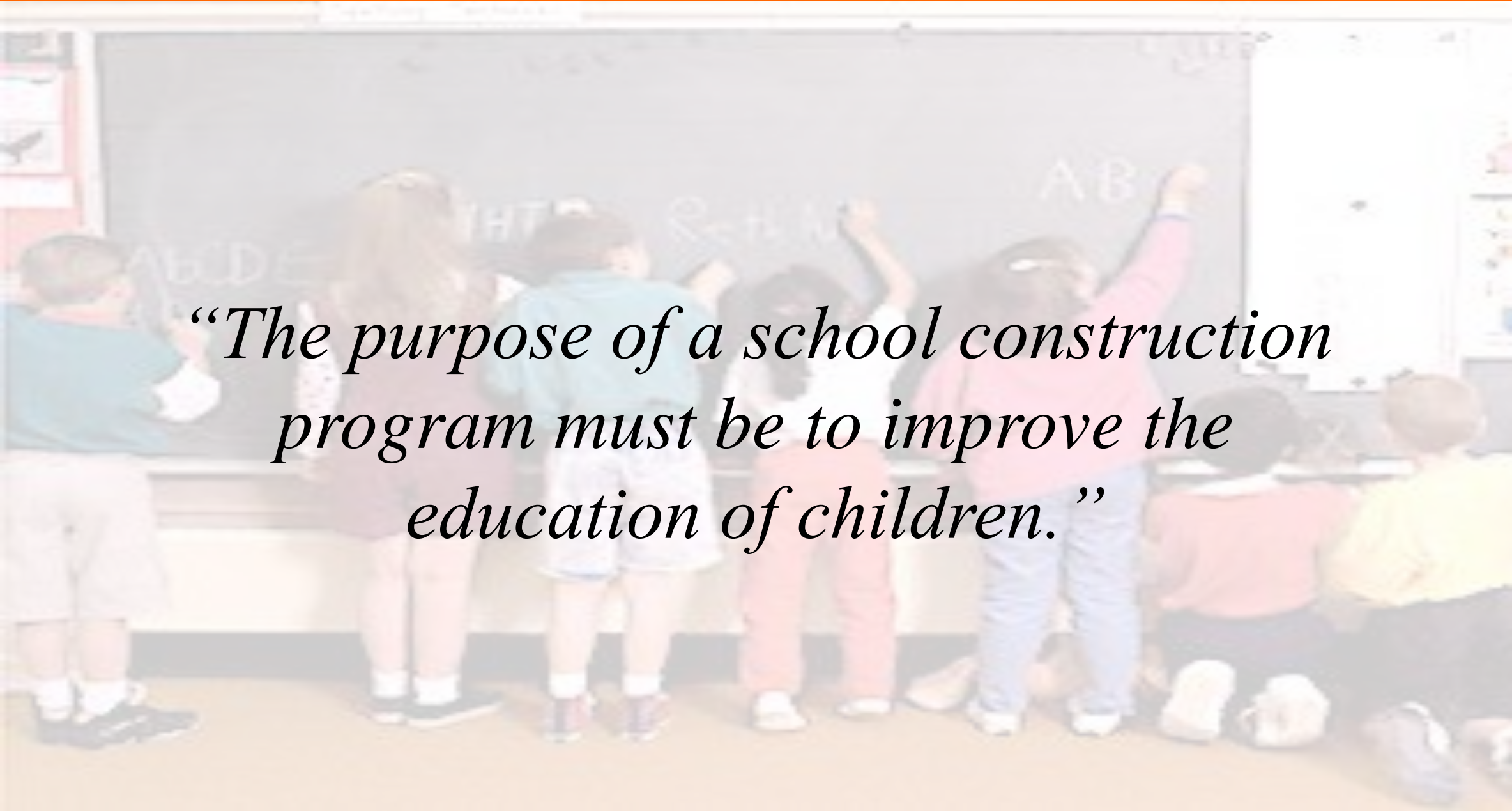
06.20.2023

CSARCH

# Agenda

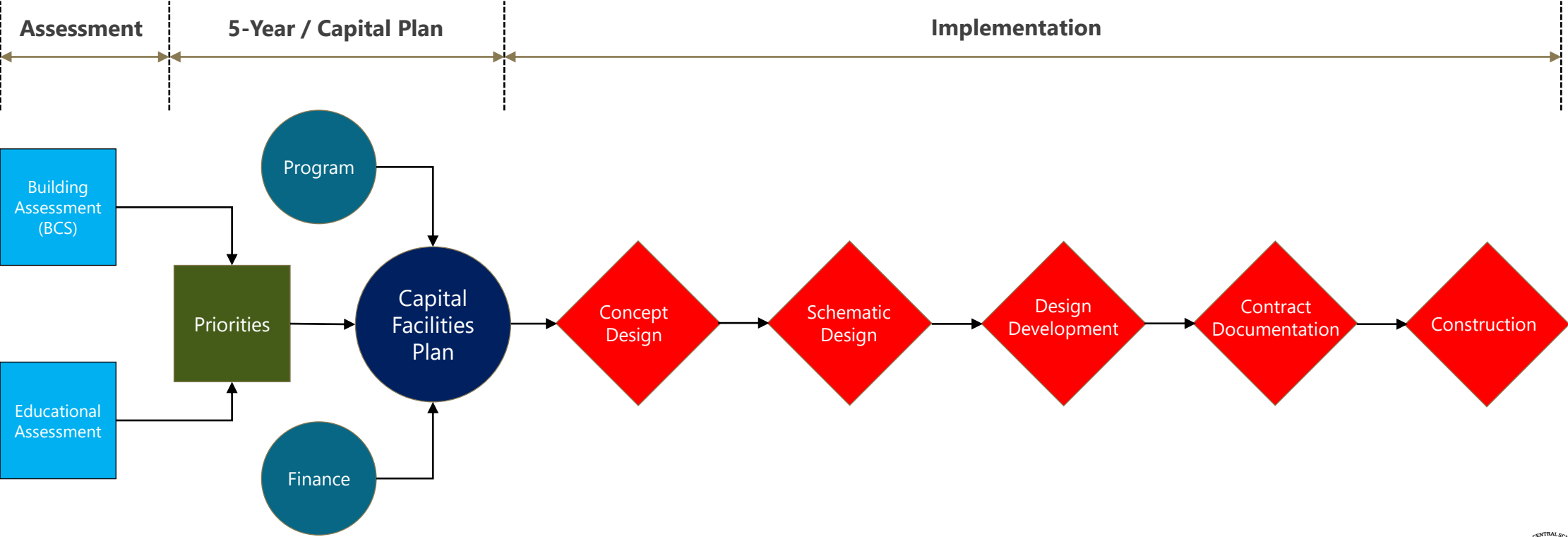
1. Introductions
2. Capital Planning Process
3. Building Condition Survey (BCS) Process
4. BCS Changes
5. BCS Findings



A group of children in a classroom are standing in front of a chalkboard. Some children have their arms raised, and there are faint markings on the board, including the letters 'AB' and 'ABDE'. The scene is slightly blurred, suggesting a candid moment in a classroom.

*“The purpose of a school construction program must be to improve the education of children.”*

# Capital Planning Process



# BCS Process

- The Building Condition Survey (BCS) is required by the New York State Education Department. It is one component of the 1998 RESCUE (*Rebuilding Schools to Uphold Education*) Regulations and is based upon the Commissioner of Education's Regulations Part 155.1, Part 155.3, and 155.4.
- These regulations require Boards of Education to:
  - Conduct Periodic Inspections & Provide Safety Ratings
  - Develop a Five-Year Capital Facilities Plans
  - Establish Monitoring Processes
  - Establish Comprehensive Maintenance Plans



*Ramapo High School*



# BCS Process

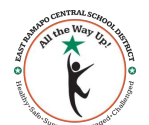
The BCS is intended to provide Districts with all the detailed information necessary to properly plan and prioritize capital improvements and allow the state to properly plan for building aid reimbursement to districts.

The survey instrument includes the following categories:

- General Building Information
- Program Spaces
- Site Utilities
- Other Site Features
- Substructure
- Building Envelope
- Interior Spaces
- Plumbing
- HVAC Systems
- Fire Safety Systems
- Accessibility
- Environment/Comfort/Health
- Indoor Air Quality
- American Red Cross



*Pomona Middle School*



# BCS Process

- Review the 2015 Building Conditions Survey Forms and any previous Visual Inspection Forms filed with NYSED
- Review existing reports and building plans
  - AHERA Reports, Building/Site Studies, As-Builts, etc.
- Survey existing buildings and sites
  - Establish building condition ratings
  - Establish budget estimates
- Review draft BCS with the School District's Facilities, Support Services, Business Finances, and Health & Safety Committees

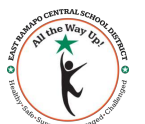
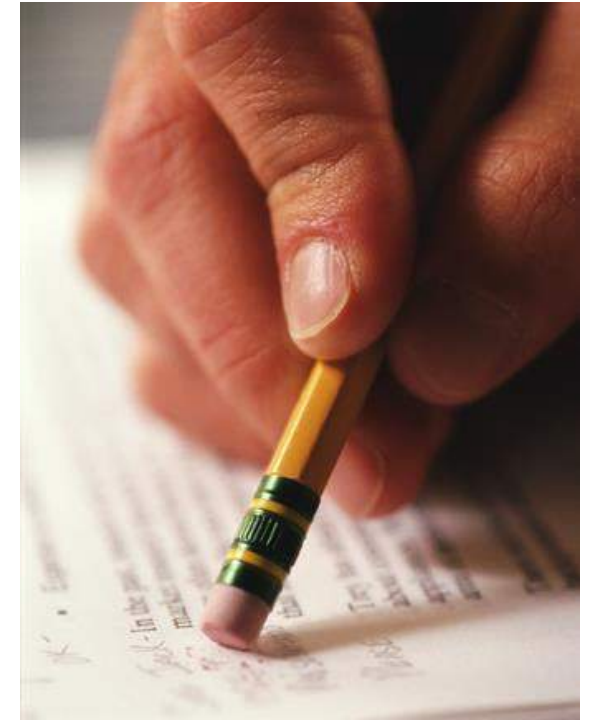


*Spring Valley High School*



# BCS Changes

- Building Condition Surveys (BCS) now staggered over a 5-year period, and based on a Calendar Year, January to December
- East Ramapo Central School District's BCS was scheduled for 2022, the third year of 5-year staggered schedule
- The 2022 BCS format has been made available by the New York State Education Department's Office of Facilities Planning
- Revisions to the BCS Forms include:
  - Report on the age of all building additions with the area of each respectively
  - Swimming Pool/Systems are now listed as "Health & Safety"
  - Interior Stairs was changed from a "Structural" to a "Health & Safety" system
  - Lighting Fixtures are now listed as a "Health & Safety" system
  - Plumbing Fixtures are now listed as a "Health & Safety" system
  - Added a section on Student Transportation Facilities
  - Indoor Air Quality categories are now listed as "Health & Safety"





# BCS Findings

## System and Building Ratings

- Only building systems or components that have been rated as Unsatisfactory (U), Non-Functioning (NF) or Critical Failure (CF) *or* have a useful life of five or less years are listed in the attached evaluations and will include a repair or replacement cost
- Any Health, Safety and/or Structural system that is rated "Unsatisfactory" results in an overall building rating of "Unsatisfactory"
- Any Health, Safety and/or Structural system that is rated "Non-functioning" or "Critical failure" results in an overall building rating of "Poor"



ID No.	System Category	SED Designation	Description	SVHS	HES	PMS	KSA	FWES	SPES	GVES	MES	RHS	LKES	EWES	CRMS	ELES	CA	TO	WH	BG	TG	BDKS	NCK	
Overall Building Rating - SED instruction, per definition				F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	U	U	U	U	U	U
39	Site Utilities	Health/Safety	Water	S	S	S	S	S	S	U	S	S	S	S	S	S	S	S	S	S	S	S	S	S
40	Site Utilities	Health/Safety	Site Sanitary	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
61	Building Structure	Health/Safety	Foundations	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
62	Building Structure	Health/Safety	Piers	N/A	N/A	S	S	N/A	S	S	S	S	S	S	S	S	S	N/A	S	S	S	S	S	S
63	Building Structure	Health/Safety	Columns	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	N/A
64	Building Structure	Structural	Footings	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
65	Building Structure	Structural	Structural Floors	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
66	Building Envelope	Structural	Exterior walls/Columns	U	S	S	S	S	U	S	S	S	S	S	S	S	S	S	S	S	U	U	U	S
67	Building Envelope	Structural	Chimneys	S	S	S	N/A	S	S	S	S	S	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	U	N/A	N/A	N/A
68	Building Envelope	Structural	Parapets	N/A	N/A	S	N/A	N/A	N/A	N/A	N/A	S	N/A	N/A	S	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
70	Building Envelope	Structural	Exterior Steps, Stairs, Ramps	S	S	U	U	N/A	N/A	N/A	N/A	U	N/A	N/A	U	N/A	N/A	U	U	S	U	S	S	S
71	Building Envelope	Structural	Fire Escapes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
73	Building Envelope	Structural	Roofs and Skylights	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	U	S	S	S	S
74	Building Interior	Health/Safety	Interior Bearing Walls and Fire Walls	S	S	S	S	S	S	S	S	U	S	S	S	S	S	S	N/A	S	S	S	S	S
80	Building Interior	Structural	Ceilings	S	S	U	U	S	S	U	U	S	S	U	S	S	S	S	U	S	U	S	S	S
83	Building Interior	Health/Safety	Interior Stairs	S	S	S	U	S	S	U	S	S	S	S	U	S	S	N/A	S	N/A	N/A	N/A	N/A	S
84	Building Interior	Health/Safety	Elevator, Lift and Escalators	NF	E	S	S	N/A	N/A	N/A	N/A	S	S	S	S	S	S	N/A	N/A	N/A	N/A	N/A	N/A	N/A
85	Building Interior	Health/Safety	Swimming Pool and Swimming Pool Systems	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**LEGEND**

- Failing
- Unsatisfactory
- Satisfactory, but nearing end of useful life

# DISTRICT WIDE BCS SUMMARY

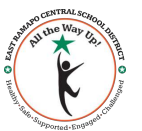


ID No.	System Category	SED Designation	Description	SVHS	HES	PMS	KSA	FWES	SPES	GVES	MES	RHS	LKES	EWES	CRMS	ELES	CA	TO	WH	BG	TG	BDKS	NCK	
Overall Building Rating - SED instruction, per definition				F	F	F	F	F	F	F	F	F	F	F	F	F	F	U	U	U	U	U	U	U
87	HVAC Systems	Health/Safety	Heat Generating Systems	S	S	S	S	S	S	S	S	S	U	S	S	U	S	S	S	U	S	S	S	S
88	HVAC Systems	Health/Safety	Ventilation System	U	S	U	U	U	U	U	U	U	U	U	S	U	S	S	S	S	S	N/A	S	S
90	HVAC Systems	Health/Safety	Piped Heating and Cooling Distribution Systems	S	S	S	S	S	S	S	S	S	S	S	U	S	S	N/A	N/A	S	U	N/A	N/A	N/A
91	HVAC Systems	Health/Safety	Ducted Heating and Cooling Distribution Systems	S	S	S	S	S	S	S	S	S	S	S	S	S	S	N/A	S	N/A	S	N/A	S	S
92	HVAC Systems	Health/Safety	HVAC Control Systems	U	S	U	U	U	U	U	U	U	U	U	S	U	U	N/A	S	U	S	S	S	S
93	Plumbing	Health/Safety	Water Supply System	S	U	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
94	Plumbing	Health/Safety	Sanitary System	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
95	Plumbing	Health/Safety	Storm Water Drainage System	S	S	S	S	S	S	S	S	S	S	S	S	S	S	N/A	N/A	N/A	S	N/A	N/A	N/A
96	Plumbing	Health/Safety	Hot Water Heaters	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
97	Plumbing	Health/Safety	Plumbing Fixtures	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	U	S	S
98	Plumbing	Health/Safety	Water Outlets / Taps for Drinking / Cooking Purposes	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	N/A	N/A	N/A	N/A	N/A	N/A	S
99	Fire Suppression Systems	Health/Safety	Fire Suppression System	S	S	S	S	S	S	S	S	S	S	S	S	S	N/A	N/A	N/A	N/A	N/A	N/A	N/A	S
100	Fire Suppression Systems	Health/Safety	Kitchen Hoods	S	S	S	S	U	U	U	S	S	U	S	S	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	S
101	Electrical Systems	Health/Safety	Electrical Power Distribution System	U	U	S	U	S	S	S	U	U	S	S	U	S	S	S	S	S	S	S	S	S
102	Electrical Systems	Health/Safety	Lighting Fixtures	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	U	S	S	S
103	Electrical Systems	Health/Safety	Emergency/Exit Lighting	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	U	S	S	S
104	Electrical Systems	Health/Safety	Emergency or Standby Power System	S	N/A	N/A	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
105	Electrical Systems	Health/Safety	Fire Alarm Systems	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	U	S	S	S
106	Electrical Systems	Health/Safety	Carbon Monoxide Alarm System	S	S	S	S	S	S	S	S	S	S	S	S	S	S	N/A	S	S	S	S	S	S
107	Electrical Systems	Health/Safety	Communication System	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

**LEGEND**

- Failing
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# DISTRICT WIDE BCS SUMMARY



ID No.	System Category	SED Designation	Description	SVHS	HES	PMS	KSA	FWES	SPES	GVES	MES	RHS	LKES	EWES	CRMS	ELES	CA	TO	WH	BG	TG	BDKS	NCK	
Overall Building Rating - SED instruction, per definition				F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	U	U	U	U	U	U
112	Accessibility	Health/Safety	Exterior Accessible Route to Building	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No	Yes	
115	Accessibility	Health/Safety	Interior Accessible Route, Access to Goods, and Restrooms	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	
118	Environment/Comfort /Health	Health/Safety	Cleanliness	Fair	Good	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Good	Fair	Fair	Fair	Fair	Poor	Fair	Good
120	Environment/Comfort /Health	Health/Safety	Noise in classrooms from HVAC units, traffic, etc. that may impact education?	No	No	No	No	No	No	No	No	No	No	No	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
121	Environment/Comfort /Health	Health/Safety	Lighting Quality	Good	Fair	Fair	Fair	Fair	Good	Good	Fair	Fair	Good	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Poor	Good	Good
122	Environment/Comfort /Health	Health/Safety	Evidence of Vermin?	Yes	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	
123	Indoor Air Quality	Health/Safety	Mold?	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	
124	Indoor Air Quality	Health/Safety	Humidity / Moisture?	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Good	
125	Indoor Air Quality	Health/Safety	Ventilation: Fresh air intake locations, air filters, etc. near bus loading, truck delivery?	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	
126	Indoor Air Quality	Health/Safety	Indoor Air Quality Plan	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	
127	Indoor Air Quality	Health/Safety	Does the school practice Integrated Pest Management?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
128	Indoor Air Quality	Health/Safety	Does the school have a passive radon mitigation system installed?	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	

**LEGEND**

- Failing
- Unsatisfactory
- Satisfactory, but nearing end of useful life

# DISTRICT WIDE BCS SUMMARY



# BCS Findings

## Spring Valley High School – BCS Identified Conditions

- Closed Drainage Pipe Stormwater Management System
- Open Drainage Pipe Stormwater Management System
- Catch Basins / Drop Inlets / Manholes
- Culverts
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Exterior Walls/Columns (S)
- Exterior Steps, Stairs, and Ramps (S)
- Windows
- Interior Bearing walls and Fire Walls (S)
- Wood Flooring
- Ceilings (H)
- Lockers
- Interior Doors
- Elevators, Lift, and Escalators (H)
- Ventilation System (H)
- Mechanical Cooling / Air-Conditioning Systems
- Piped Heating and Cooling Distribution Systems (H)
- Ducted Heating and Cooling Distribution System (H)
- HVAC Control Systems (H)
- Plumbing Fixtures (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Water Supply System (H)
- Electrical Power Distribution System (H)
- Lighting Fixtures (H)
- Fire Alarm Systems (H)
- Carbon Monoxide Alarm System (H)



Courtyard Entrance



Exterior Retaining Walls

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Hempstead Elementary School – BCS Identified Conditions

- Site Water (H)
- **Site Electrical / Electrical Distribution**
- Closed Drainage Pipe Stormwater Management System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Exterior Walls/Columns (S)
- **Exterior Doors**
- **Exterior Steps, Stairs, and Ramps (S)**
- **Windows**
- **Resilient Tiles or Sheet Flooring**
- **Wood Flooring**
- **Interior Doors**
- Ventilation System (H)
- Piped Heating and Cooling Distribution Systems (H)
- HVAC Control Systems (H)
- **Water Supply System (H)**
- Storm Water Drainage System (H)
- **Water Outlets / Taps for Drinking/Cooking Purposes (H)**
- **Electrical Power Distribution System (H)**
- Lighting Fixtures (H)
- Emergency / Exit lighting Systems (H)
- **Emergency or Standby Power System (H)**
- Carbon Monoxide Alarm System (H)



Classroom Flooring / Casework



Window System

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Pomona Middle School – BCS Identified Conditions

- Site Water (H)
- **Site Electrical**
- **Closed Drainage Pipe Stormwater Distribution System**
- **Catch Basins / Drop Inlets / Manholes**
- **Pavement (Roadways and Parking Lots)**
- **Sidewalks**
- Athletic Fields and Play Fields
- Exterior Walls / Columns (S)
- **Exterior Doors**
- Windows
- **Ceilings (H)**
- **Interior Doors**
- **Ventilation System (H)**
- Mechanical Cooling / Air-Conditioning Systems
- Piped Heating and Cooling Distribution Systems (H)
- Ducted Heating and Cooling Distribution Systems (H)
- **HVAC Control Systems (H)**
- Plumbing Fixtures (H)
- **Water Outlets / Taps for Drinking/Cooking Purposes (H)**
- Electrical Power Distribution System (H)
- Lighting Fixtures (H)
- Emergency / Exit lighting Systems (H)
- Carbon Monoxide Alarm System (H)



Exterior Doors



Windows

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Kakiat STEAM Academy – BCS Identified Conditions

- Site Electrical and Electrical Distribution
- Closed Drainage Pipe Stormwater Management System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Athletic Fields and Play Fields
- Exterior Walls / Columns (S)
- Exterior Doors
- Exterior Steps, Stairs, and Ramps (S)
- Windows
- Resilient Tiles or Sheet Flooring
- Ceilings (H)
- Interior Doors
- Interior Stairs (H)
- Ventilation System (H)
- Piped Heating and Cooling Distribution Systems (H)
- HVAC Control System (H)
- Water Supply System (H)
- Plumbing Fixtures (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Electrical Power Distribution System (H)
- Lighting Fixtures (H)
- Emergency / Exit Lighting Systems (H)
- Emergency or Standby Power System (H)
- Carbon Monoxide Alarm System (H)



\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*



# BCS Findings

## Fleetwood Elementary School – BCS Identified Conditions

- Site Electrical and Exterior Distribution
- Closed Drainage Pipe Stormwater Distribution System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Playgrounds and Playground Equipment
- Athletic Fields and Play Fields
- Chimneys (S)
- Windows
- Roof and Skylights (S)
- Carpet
- Resilient Tiles or Sheet Flooring
- Hard Flooring
- Wood Flooring
- Ceilings (H)
- Interior Doors
- Interior Stairs (H)
- Ventilation System (H)
- Piped Heating and Cooling Distribution Systems (H)
- HVAC Control Systems (H)
- Water Supply System (H)
- Plumbing Fixtures (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Kitchen Hoods (H)
- Electrical Power Distribution System (H)
- Lighting Fixtures (H)
- Emergency / Exit Lighting Systems (H)
- Fire Alarm Systems (H)
- Carbon Monoxide Alarm System (H)



Cafetorium Stage



Classroom Flooring / Casework / Windows

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Summit Park Elementary School – BCS Identified Conditions

- Site Electrical and Electrical Distribution
- Closed Drainage Pipe Stormwater Distribution System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Playgrounds and Playground Equipment
- Exterior Walls / Columns (S)
- Exterior Doors
- Windows
- Interior Bearing Walls and Fire Walls (S)
- Other Interior Walls
- Carpet
- Resilient Tiles or Sheet Flooring
- Wood Flooring
- Interior Doors
- Interior Stairs (H)
- Ventilation System (H)
- Piped Heating and Cooling Distribution Systems (H)
- HVAC Control Systems (H)
- Water Supply System (H)
- Hot Water Heaters (H)
- Plumbing Fixtures (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Kitchen Hoods (H)
- Electrical Power Distribution Systems (H)
- Lighting Fixtures (H)
- Emergency / Exit Lighting Systems (H)
- Carbon Monoxide Alarm System (H)



Exterior Doors / Frames



Stage Flooring

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Grandview Elementary School – BCS Identified Conditions

- Site Water (H)
- Site Electrical and Electrical Distribution
- Closed Drainage Pipe Stormwater Distribution System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Exterior Walls / Columns (S)
- Chimneys (S)
- Exterior Doors
- Windows
- Carpet
- Resilient Tiles or Sheet Flooring
- Wood Flooring
- Interior Doors
- Ventilation System (H)
- Piped Heating and Cooling Distribution Systems (H)
- HVAC Control Systems (H)
- Water Supply System (H)
- Plumbing Fixtures (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Kitchen Hoods (H)
- Electrical Power Distribution System(H)
- Emergency / Exit Lighting Systems (H)
- Fire Alarm Systems (H)
- Carbon Monoxide Alarm System (H)



Exterior Walls / Columns



Windows / Casework

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Margetts Elementary School – BCS Identified Conditions

- Site Electrical and Electrical Distribution
- Closed Drainage Pipe Stormwater Distribution System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Playgrounds and Playground Equipment
- Exterior Doors
- Windows
- Carpet
- Wood Flooring
- Ceilings (H)
- Interior Doors
- Interior Stairs (H)
- Ventilation System (H)
- Piped Heating and Cooling Distribution Systems (H)
- HVAC Control Systems (H)
- Water Supply System (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Electrical Power Distribution System(H)
- Lighting Fixtures (H)
- Emergency / Exit Lighting Systems (H)
- Fire Alarm Systems (H)
- Carbon Monoxide Alarm System (H)



\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Ramapo High School – BCS Identified Conditions

- Site Electrical and Electrical Distribution
- Closed Drainage Pipe Stormwater Distribution System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Athletic Fields and Play Fields
- Exterior Steps, Stairs, Ramps (S)
- Windows
- Interior Bearing Walls and Fire Walls (S)
- Other Interior Walls
- Carpet
- Resilient Tiles or Sheet Flooring
- Hard Flooring
- Wood Flooring
- Ceilings (H)
- Lockers
- Interior Doors
- Interior Bleachers
- Ventilation System (H)
- Mechanical Cooling / Air Conditioning Systems
- Piped Heating and Cooling Distribution Systems (H)
- Ducted Heating and Cooling Distribution Systems (H)
- HVAC Control Systems (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Kitchen Hoods (H)
- Electrical Power Distribution System (H)
- Lighting Fixtures (H)
- Emergency / Exit Lighting Systems (H)
- Carbon Monoxide Alarm System (H)



Resilient Tile Flooring



Windows / Ventilation System

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

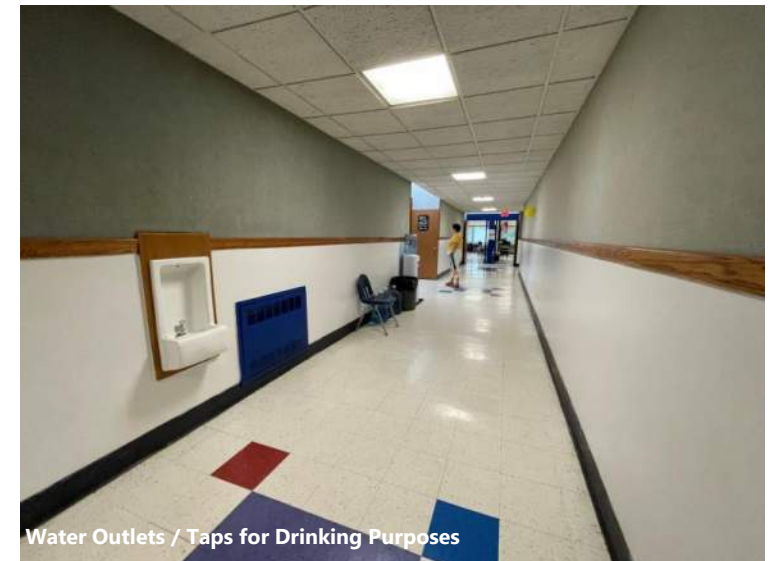
# BCS Findings

## Lime Kiln Elementary School – BCS Identified Conditions

- Site Electrical Distribution System
- Closed Drainage Pipe Stormwater Distribution System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Playgrounds and Playground Equipment
- Exterior Walls / Columns (S)
- Windows
- Other Interior Walls
- Carpet
- Resilient Tiles or Sheet Flooring
- Hard Flooring
- Interior Doors
- Interior Stairs (H)
- Heat Generating Systems (H)
- Ventilation System (H)
- Piped Heating and Cooling Distribution Systems (H)
- HVAC Control Systems (H)
- Water Supply System (H)
- Hot Water Heaters (H)
- Plumbing Fixtures (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Kitchen Hoods (H)
- Electrical Power Distribution System (H)
- Emergency / Exit lighting Systems (H)
- Carbon Monoxide Alarm System (H)



Exterior Walls / Columns



Water Outlets / Taps for Drinking Purposes

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Elmwood Elementary School – BCS Identified Conditions

- Site Electrical Distribution System
- Closed Drainage Pipe Stormwater Distribution System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Playgrounds and Playground Equipment
- Exterior Doors
- Windows
- Other Interior Walls
- Carpet
- Interior Doors
- Ventilation System (H)
- Piped Heating and Cooling Distribution Systems (H)
- HVAC Control Systems (H)
- Water Supply System (H)
- Hot Water Heaters (H)
- Plumbing Fixtures (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Electrical Power Distribution System (H)
- Lighting Fixtures (H)
- Emergency / Exit lighting Systems (H)
- Carbon Monoxide Alarm System (H)



\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Chestnut Ridge Middle School – BCS Identified Conditions

- Pavement (Roadways and Parking Lots)
- Sidewalks
- Athletic Fields and Play Fields
- Exterior Doors
- Exterior Steps, Stairs, and Ramps (S)
- Hard Flooring
- Ceilings (H)
- Lockers
- Interior Doors
- Interior Stairs (H)
- Mechanical Cooling / Air-Conditioning Systems
- Piped Heating and Cooling Distribution Systems (H)
- Ducted Heating and Cooling Distribution Systems (H)
- Water Supply System (H)
- Plumbing Fixtures (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Electrical Power Distribution System (H)
- Lighting Fixtures (H)
- Emergency / Exit lighting Systems (H)
- Fire Alarm Systems (H)
- Carbon Monoxide Alarm System (H)



Ceilings



Lockers

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*



# BCS Findings

## Eldorado Elementary School – BCS Identified Conditions

- Site Electrical Exterior Distribution
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Exterior Doors
- Windows
- Other Interior Walls
- Carpet
- Resilient Tiles or Sheet Flooring
- Hard Flooring
- Interior Doors
- Interior Stairs (H)
- Heat Generating Systems (H)
- Ventilation System (H)
- Piped Heating and Cooling Distribution Systems (H)
- HVAC Control Systems (H)
- Hot Water Heaters (H)
- Plumbing Fixtures (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Kitchen Hoods (H)
- Electrical Power Distribution System (H)
- Lighting Fixtures (H)
- Emergency / Exit lighting Systems (H)
- Carbon Monoxide Alarm System (H)



Interior Doors / Resilient Tiles



Exterior Doors

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Central Administration – BCS Identified Conditions

- Closed Drainage Pipe Stormwater Management System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Sidewalks
- Exterior Walls / Columns (S)
- Exterior Doors
- Windows
- Roof and Skylights (S)
- Carpet
- Resilient Tiles or Sheet Flooring
- Interior Doors
- Interior Stairs (H)
- Ventilation System (H)
- HVAC Control Systems (H)
- Water Outlets / Taps for Drinking/Cooking Purposes (H)
- Electrical Power Distribution System (H)
- Lighting Fixtures (H)
- Fire Alarm Systems (H)
- Carbon Monoxide Alarm System (H)



Windows



Carpet

\*Red Text = Non-Functioning Rating\*  
\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Transportation Office – BCS Identified Conditions

- Closed Drainage Pipe Stormwater Management System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Exterior Walls / Columns (S)
- Exterior Doors
- Exterior Steps, Stairs, and Ramps (S)
- Windows
- Roof and Skylights (S)
- Carpet
- Interior Doors



Exterior Steps, Stairs, and Ramps



Pavement (Roadways and Parking Lots)

\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Warehouse – BCS Identified Conditions

- Closed Drainage Pipe Stormwater Distribution System
- Catch Basins / Drop Inlets / Manholes
- Exterior Walls / Columns (S)
- Exterior Doors
- Exterior Steps, Stairs, and Ramps (S)
- Roof and Skylights (S)
- Resilient Tiles or Sheet Flooring
- Wood Flooring
- Heat Generating Systems (H)
- Lighting Fixtures (H)
- Fire Alarm Systems (H)
- Carbon Monoxide Alarm System (H)



\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Buildings and Grounds – BCS Identified Conditions

- Closed Drainage Pipe Stormwater Distribution System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Exterior Walls / Columns (S)
- Chimneys (S)
- Exterior Doors
- Exterior Steps, Stairs, Ramps (S)
- Carpet
- Resilient Tiles or Sheet Flooring
- Hard Flooring
- Ceilings (H)
- Interior Doors
- Heat Generating Systems (H)
- Piped Heating and Cooling Distribution Systems (H)
- HVAC Control Systems (H)
- Carbon Monoxide Alarm System (H)



Exterior Walls / Columns



Resilient Tiles or Sheet Flooring

\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Transportation Garage – BCS Identified Conditions

- Pavement (Roadways and Parking Lots)
- Exterior Walls / Columns (S)
- Exterior Doors
- Windows
- Roof and Skylights (S)
- Interior Bearing Walls and Fire Walls (S)
- Other Interior Walls
- Hard Flooring
- Ceilings (H)
- Interior Doors
- Lighting Fixtures (H)
- Emergency / Exit Lighting Systems (H)
- Fire Alarm Systems (H)
- Carbon Monoxide Alarm System (H)



\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## Book Depository / Kitchen Storage – BCS Identified Conditions

- Closed Drainage Pipe Stormwater Distribution System
- Catch Basins / Drop Inlets / Manholes
- Pavement (Roadways and Parking Lots)
- Exterior Walls / Columns (S)
- Carbon Monoxide Alarm System (H)



\*Red Text = Unsatisfactory Rating\*

# BCS Findings

## New Central Kitchen – BCS Identified Conditions

- Pavement (Roadways and Parking Lots)
- Sidewalks
- Exterior Steps, Stairs, and Ramps (S)
- Roof and Skylights (S)
- Hot Water Heaters (H)
- Carbon Monoxide Alarm System (H)



Hot Water Heaters



Pavement (Roadways and Parking Lots)

\*Red Text = Unsatisfactory Rating\*



# BCS Estimates

BUILDING	TOTAL
SVHS	\$ 21,359,698.93
HES	\$ 11,466,279.20
PMS	\$ 23,219,311.52
KSA	\$ 20,855,670.74
FWES	\$ 16,044,516.63
SPES	\$ 10,531,002.37
GVES	\$ 11,453,142.95
MES	\$ 11,304,117.81
RHS	\$ 25,616,657.06
LKES	\$ 12,233,499.15
EWES	\$ 12,250,631.67
CRMS	\$ 18,096,252.33
ELES	\$ 12,953,539.42
CA	\$ 11,282,101.14
TO	\$ 8,032,203.87
WH	\$ 1,975,580.31
BG	\$ 3,392,039.34
TG	\$ 1,693,467.60
BDKS	\$ 1,211,198.10
NCK	\$ 1,296,721.38

Budget Estimates reflect current 2023 construction values with 18 Months Escalation.

CATEGORY	TOTAL
ARCH	\$ 66,878,042.62
MEP	\$ 97,057,851.00
SITE	\$ 72,331,737.90
	<b>\$ 236,267,632</b>

CSARCH