

CHARGER PRIDE



SITE FUNCTIONALITY ASSESSMENT

CHERRY CHASE ELEMENTARY SCHOOL

LPA



SUNNYVALE SCHOOL DISTRICT | FACILITIES MASTER PLAN 2022



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SITE DATA



Cherry Chase Elementary School 1138 Heatherstone Way

Current Enrollment (2020/21): 670

Grades Served: K-5

Original Construction Date: (unverified)

Number of Portable Classrooms: 9

Recent Improvements:

- 2006/2007: New classroom wings (rooms 12-19)
- 2011: HVAC modernization including the space between the bottom of roof to top of ceiling
- 2011: New Multi-Use Building
- 2018: Windows and HVAC replacement in classrooms 21-26
- 2019: Play structure resurfacing
- 2020: New Kindergarten classrooms and play yard

PRINCIPAL SURVEY

Top Priorities:

1. Windows and doors
2. Utility infrastructure
3. Classroom modernization with technology upgrade

SITE USE AND FUNCTIONALITY

General Education Classrooms

principal rating: 4/5 stars

The principal noted the need for new windows in the classrooms.

Interior finishes were not included in the most recent modernization. Classrooms have an adjoining door per pair of classrooms in the finger wing buildings.

Special Education Classrooms

principal rating: 4/5 stars

The site hosts two (2) Mild/Moderate programs on campus, co-located with peer classes. Both SDC classrooms have adjoining toilet rooms.

Student Services / Counseling

principal rating: 4/5 stars

The principal noted the need for additional privacy within the counseling spaces. Currently, RSP and ELD are housed in traditional classroom spaces. OT and Intervention share a space equivalent to a half-classroom. Speech is also housed in a space equivalent to a half-classroom.

Staff and Administrative Spaces

principal rating: not provided

The principal did not provide a rating but did note the space as small.

Kitchen / Cafeteria / Food Service

principal rating: not provided

Student dining is housed with in the Multi-Purpose Room and at the Lunch Shelter.

Student Assembly

principal rating: 5/5 stars

Assemblies are held in the Multi-Purpose Room.

Library

principal rating: 5/5 stars

The principal suggests modernization of this space with new furniture. Currently, the furniture consists of round tables with chairs, all made of heavy wood. Book stacks are low and appropriately sized for the age group.

Physical Education / Athletics Buildings

principal rating: 5/5 stars

The principal indicated a need for PE equipment storage.

The Multi-Purpose Room is a shared community asset with a full-size basketball court with retractable backstops.

Outdoor Play Equipment / Hardcourts

Play equipment and rubber surfacing are in new condition in the Kindergarten play yard and at the lower primary play area and hardcourts.

The principal noted a need for new striping and basketball hoops.

Specialized Elective Spaces

The site has two (2) Program Rooms: one at the Kindergarten wing and one within a portable classroom.



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SITE USE AND FUNCTIONALITY, continued

Restrooms

The principal noted the restrooms function well.

Site

Spaces between the finger wing buildings are fully paved in asphalt with minimal shade or landscaping.

Parking is extremely limited on this site. The drop-off lane is short. The principal noted the desire for improved signage to improve traffic flow.

The site has an analogue marquee sign at the school frontage.

Technology

The Library has a ceiling-mount projector with pull-down screen.

Classrooms have mobile LCD screens and charging carts for student devices.

Kindergarten classrooms have a wall-mount LCD screen.

The Multi-Purpose Room will receive new technology in 2021.



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Shade Structure



Drop-Off Lane / Parking



Site Identification and Announcements



Kindergarten Play Yard



Hardcourts



Play Structure



Health Office



Administration Office



School Garden



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Typical Classroom



Special Education Classroom



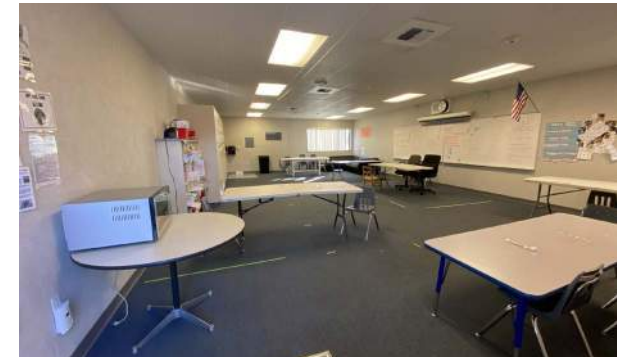
Kindergarten Classroom



Student Services / Counseling



Multi-Purpose Room



Program Room



Library



Food Service: Kitchen



Utilities at Covered Walkway



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existing site plan | CHERRY CHASE ELEMENTARY SCHOOL



Classrooms

#	Indicates Grade Level
PS	Preschool
TK	Transitional Kindergarten
K	Kindergarten
SDC	Special Education
M/M	Mild/Moderate
M/S	Moderate/Severe

Electives / Labs

CL	Computer Lab
PR	Program Room

Student Services

APE	Assistive PE
CHAC	Counseling & Mental Health Services
CO	Counselor
INT	Intervention
IS	Independent Study
OT	Occupational Therapy
PSY	Psychologist
RSP	Resource Specialist
RP	Reading Partners
SP	Speech
TLC	Therapeutic Learning Center

Shared Spaces

MULTI	Multi-Purpose Room
LIB	Library
ST	Stage

Admin / Faculty

CO	Conference
FL	Faculty Lounge
FW	Faculty Workroom
H	Health Room
KIT	Kitchen
M	Main Office / Front Desk
O	Office
PD	Professional Development
WR	Satellite Faculty Workroom

Leased Spaces / Other

AS	After School Care
DC	Day Care

Support Spaces

E	Elevator
K	Kin
S	Storage
R	Restroom
U	Utility
C	Custodian



Main Entry



Drop-Off



LS - Lunch Shelter



Portable Classrooms

Teaching Stations:

PS (Preschool)	0
TK (Transitional Kinder)	0
Kindergarten	4
Grades 1-3	14
Grades 4-5	10
SDC mild/mod	2
SDC mod/sev	0
Sub-Total:	30

Additional Spaces:

Enrichment Space (PR, CL)	2
Leased Child Care	3
Total:	35



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proposed master plan diagram | CHERRY CHASE ELEMENTARY SCHOOL



Classrooms

#	Indicates Grade Level
PS	Preschool
TK	Transitional Kindergarten
K	Kindergarten
SDC	Special Education
M/S	Moderate/Severe
CR	Classroom
ECD	Potential Early Childhood Development

Electives / Labs

ART	Art Room
CL	Computer Lab
FLEX	Flex Lab
MU	Music

Student Services

CO	Counselor
IS	Independent Study
LRC	Learning Resource Center
RSP	Resource Specialist

Shared Spaces

LMC	Library Media Center
MULTI	Multi-Purpose Room
ST	Stage

Admin / Faculty

CO	Conference
FL	Faculty Lounge
FW	Faculty Workroom
H	Health Room
KIT	Kitchen
M	Main Office / Front Desk
O	Office
PD	Professional Development
WR	Satellite Faculty Workroom

Leased Spaces

AS	After School Care
----	-------------------

Support Spaces

K	Kiln
X	Storage
T	Toilets
U	Utility
J	Janitor

- Drop-Off
- Main Entry
- Entry Plaza
- New Fencing with Gates
- Lunch Shelter
- Portable Classrooms
- Outdoor Learning/ Gardens

Teaching Stations:

PS (Preschool)	0
TK (Transitional Kinder)	0
Kindergarten	4
Grades 1-3	11
Grades 4-5	6
SDC mod/sev	2
Sub-Total:	23

Additional Spaces:

Electives (ART/MU, FLEX)	3
Learning Center (3 cr. eq.)	1
Leased Child Care	3
Total:	30



NO WORK



MODERNIZATION



RECONFIGURE



NEW CONSTRUCTION



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School Site Cost Summary

TOTAL PROJECT COST (2022\$)

01. Site-Wide: Modernize & Deferred Maintenance	6,220,000
02. Classrooms: Reconfigure	559,000
03. Classrooms: New Construction	8,189,000
04. Science, Arts & Electives Spaces	2,183,000
05. Multi-Purpose Room and Food Service	-
06. Library	751,000
07. Student Supports & Counseling Services	1,341,000
08. Administration & Staff Support	1,499,000
09. Physical Education Facilities	435,000
10. Building Systems: Restrooms & Power Access	906,000
11. Site Utilities	1,757,000
12. Safety & Security	723,000
13. Parking, Drop-off & Entry Plaza	-
14. Outdoor Learning Environments & Quads	2,457,000
15. Exterior Play Spaces & Hardcourts	550,000
16. Flexible Furniture	1,027,000
17. Technology Infrastructure & Equipment	1,653,000

TOTAL FMP PROJECT COST (2022\$)

30,250,000

The following items are excluded from this budget:

- Utility hook-up fees & City connection fees
- Off-site work and traffic signals
- Land acquisition costs
- Temporary classrooms
- Hazardous material surveys, abatement and disposal
- Escalation (costs are in 2022\$)

Costs reflected herein include a combination of repair needs and long-term visioning:

- Repair and replacement costs identified in the Facility Needs Assessments
- Campus improvements to align with the district's vision as developed through extensive stakeholder engagement and the Learning Space Design Standards (long-term visioning)



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School Site Educational Partner Priorities

Documented during the information-gathering phase at the initial Principal interviews and site visits.

The priorities have been translated into scope-of-work categories.

- priority alignment to scope
- 2 occurs when 2 priorities align to the same scope
- indicates greatest overlap in priority

	Principals	Teachers & Staff	Students	Parents & Community	School Site Committee	FMP Committee
1. Site-Wide: Modernize & Deferred Maintenance		●		●		
2. Classrooms: Reconfigure	●					●
3. Classrooms: New Construction		●	●		●	
4. Science, Arts, & Electives					●	
5. Multi-Purpose Room & Food Service			●			
6. Library					●	
7. Student Support & Counseling					●	●
8. Administration & Staff Support						
9. Physical Education Facilities						
10. Building Systems: Restrooms & Power Access			●	●		
11. Site Utilities	●					
12. Safety & Security		●				
13. Campus Arrival: Parking, Drop-Off & Entry Plaza						
14. Outdoor Learning Environments & Quads				●		●
15. Exterior Play Spaces & Hardcourts						
16. Flexible Furniture						
17. Technology Infrastructure & Equipment	●					

FACILITY CONDITION ASSESSMENT



**BUREAU
VERITAS**

prepared for

Sunnyvale School District
819 West Iowa Avenue
Sunnyvale, California 94086



Cherry Chase Elementary School
1138 Heatherstone Way
Sunnyvale, California 94087

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BV PROJECT #:

143262.20R000-002.354

DATE OF REPORT:

May 10, 2021

ON SITE DATE:

August 5-6, 2020

Bureau Veritas

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1. Executive Summary

Campus Overview and Assessment Details

General Information	
Property Type	Elementary School
Number of Buildings	13
Main Address	1138 Heatherstone Way, Sunnyvale, California 94087, Santa Clara
Site Developed	CDC, Classrooms 1-2, Classrooms 3-6 and Computer Lab, Classrooms 8-11, Classroom 12-15, Kindergarten Building, Library, Main Office, Unknown development date/varies Classroom 7 1998 Classrooms 28-28 2006 Classrooms 16-19 2007 Multi-Use Building 2011 The Tunnel Renovated 2019
Current Occupants	Cherry Chase Elementary School Child Development Center (CDC): Catalyst Kids
Date(s) of Visit	August 5-6, 2020
Management Point of Contact	Sunnyvale School District, Rob Smiley, Chief Operations Officer 408.522.8225 Rob.Smiley@sesd.org
On-site Point of Contact (POC)	Brandt Burns
Assessment and Report Prepared By	Jonathan Levine
Reviewed By	Matt Anderson Program Manager Matt.Anderson@bvna.com 800.733.0660 x7613
AssetCalc Link	Full dataset for this assessment can be found at: https://www.assetcalc.net/

Campus Findings and Deficiencies

Historical Summary

The original construction date for Cherry Chase Elementary School is unknown. The school is believed to have been constructed in phases between the 1940s and 1960s. Classroom 7 was built in 1998, Classrooms 28-38 were built in 2006, Classrooms 16-19 were built in 2007, and the Multi-Use Building was constructed in 2011. The Kindergarten Building is in its final stage of construction and is to be completed by the end of 2020. The exterior of The Tunnel was renovated in 2019. All of the buildings are single-story with no basement. The buildings are all occupied by Cherry Chase Elementary School except for the Child Development Center (CDC) that is leased out to Catalyst Kids.

Architectural

The Main Office, Classrooms 1-2, 3-6 and Computer Lab, 8-11, 12-15, 16-19, the Kindergarten Building, the Multi-Use Building, and the Library all consist of wood-framed structures on concrete slabs. Classroom 7, Classrooms 28-38, and the CDC are portable building structures also consisting of wood-framed structures. The Tunnel consists of masonry bearing walls with a wood-framed roof. The façades of Classrooms 1-2, 3-6 & Computer Lab, 8-11, 12-15 consist of painted stucco with steel windows. The windows are single-pane and should be replaced for energy efficiency modernization. The façades of the Kindergarten Building, Multi-Use Building, and Library consist of painted stucco with aluminum windows. The façades of the Main Office and Classrooms 16-19 consist of painted stucco with vinyl windows. The façades of Classroom 7, Classrooms 28-38, and the CDC consist of painted wood siding with aluminum windows. The façade of The Tunnel consists of painted CMU with aluminum windows. Exterior doors on all buildings consist of metal entry and service doors. Additionally, the Main Office also has fully glazed doors and the Multi-Use Building also has both fully glazed and fiberglass doors. The roofs on Classrooms 1-2, 3-6 & Computer Lab, 8-11, and 12-15 consist of gable constructions with asphalt shingles. Roof drainage consists of gutters and downspouts. The roofs on Classrooms 16-19, Kindergarten Building, and Library consist of gable constructions with a metal finish. The roofs on Classroom 7, Classrooms 28-38, and the CDC consist of flat metal roofing. The roof on The Tunnel consists of flat, modified bituminous roofing. The roof on the Main Office consists of a gable construction with asphalt shingles as well as mechanical equipment areas with a flat TPO/PVC membrane. The roof on the Multi-Use Building consists of a gable construction with a metal finish and a flat TPO/PVC membrane where the HVAC equipment sits. The TPO/PVC membrane on the Multi-Use Building is worn, cracked, and blistering. Roof drainage on the Main Office and Multi-Use Buildings consist of gutters, downspouts, and internal drains. The hard tile ceilings in the restrooms of Classrooms 1-2 and 12-15 are stained and falling down. Typical lifecycle-based interior and exterior finish replacements are budgeted and anticipated.

Mechanical, Electrical, Plumbing and Fire (MEPF)

Classrooms 1-2, 3-6 & Computer Lab, 8-11, and 12-15 are heated and cooled by a Daikin VRV system installed in 2018. Classrooms 16-19 are heated and cooled by split-system condensing units and furnaces original to the buildings construction in 2007. The library is also heated and cooled by a split-system replaced in 2002. The exact age and condition of the Library furnace could not be confirmed as the unit was inaccessible at the time of assessment. Classroom 7, Classrooms 28-38, and the CDC are heated and cooled by exterior wall-mounted heat pumps, mostly original to their respective buildings' construction. The Tunnel and Kindergarten buildings are heated and cooled by wall-mounted heat pumps replaced/installed in 2018 and 2020, respectively, located in each classroom. Supplemental heating and cooling is provided to the office in The Tunnel by a ductless split-system. Supplemental heating is provided to the hallway in The Tunnel by a suspended gas unit heater. The Main Office is heated and cooled by three roof-mounted packaged units which, according to the POC, were replaced sometime in the early 2000s. The exact age and condition of these units could not be confirmed as they were inaccessible during the time of assessment. The Multi-Use Building is heated and cooled by three roof-mounted packaged units original to construction. Supplemental heating and cooling is provided to the electrical room by a ductless split-system and to the kitchen by a roof-mounted make-up air unit.

The HVAC equipment was observed to be adequately maintained. The filter ratings were for MERV 11 and 13. It is recommended to install MERV 14 filters or highest compatible with the filter rack and seal the edges of the filter to limit bypass. Furthermore, make sure the HVAC equipment can overcome the additional pressure drop of the new filters and still maintain air flow at acceptable levels. It is recommended that these conditions are reviewed to improve the indoor air quality, performance, and lifespan of the equipment.

The plumbing systems are adequate for the facility and no major piping issues were found. Domestic hot water is provided to the Main Office by a gas-fired water heater replaced in 2016 located in the electrical room. Hot water is provided to Classrooms 1-2 by a gas-fired water heater replaced in 1993 located in a utility closet. Hot water is provided to Classrooms 3-6 & Computer Lab, 8-11, 12-15, and 16-19 by a gas-fired water heater replaced in 2002 located in the Classrooms 12-15 utility closet. Hot water is provided to the Multi-Use Building by a gas-fired water heater installed in 2012 located in the janitor room. There was no evidence suggesting any problems with the general plumbing and sewage systems.

The campus is served by four main switchboards spread around the site and in the Main Office electrical room. Individual main distribution panels serve each building. Interior lighting primarily consists of T-8 linear fluorescent fixtures. Electrical service equipment and systems are anticipated for lifecycle replacement.

All of the buildings are protected by a fire alarm system however, only the Multi-Use Building is protected by a sprinkler suppression system. It is recommended a sprinkler suppression system be retrofit in the other buildings for safety systems modernization. Additionally, exit signs were not observed and should be installed in Classrooms 3-6 & Computer Lab, 8-11, 12-15, and 28-38.

There are no elevators on the campus however a wheelchair lift serves the stage in the Multi-Use Building. Its permit of operation is expired though and should be renewed.

Site

The site consists of the school buildings, outdoor play areas with play structures and sports fixtures, covered walkways with modified bituminous roofing, concrete and asphalt sidewalks/walkways, and asphalt parking areas. Site lighting consists building mounted fixtures on the building exteriors and under the covered walkways, and pole lights in the north parking area.

Recommended Additional Studies

No additional studies recommended at this time.

Facility Condition Index (FCI)

One of the major goals of the FCA is to calculate each building's Facility Condition Index (FCI), which provides a theoretical objective indication of a building's overall condition. By definition, the FCI is defined as the ratio of the cost of current needs divided by current replacement value (CRV) of the facility. The chart below presents the industry standard ranges and cut-off points.

FCI Ranges and Description

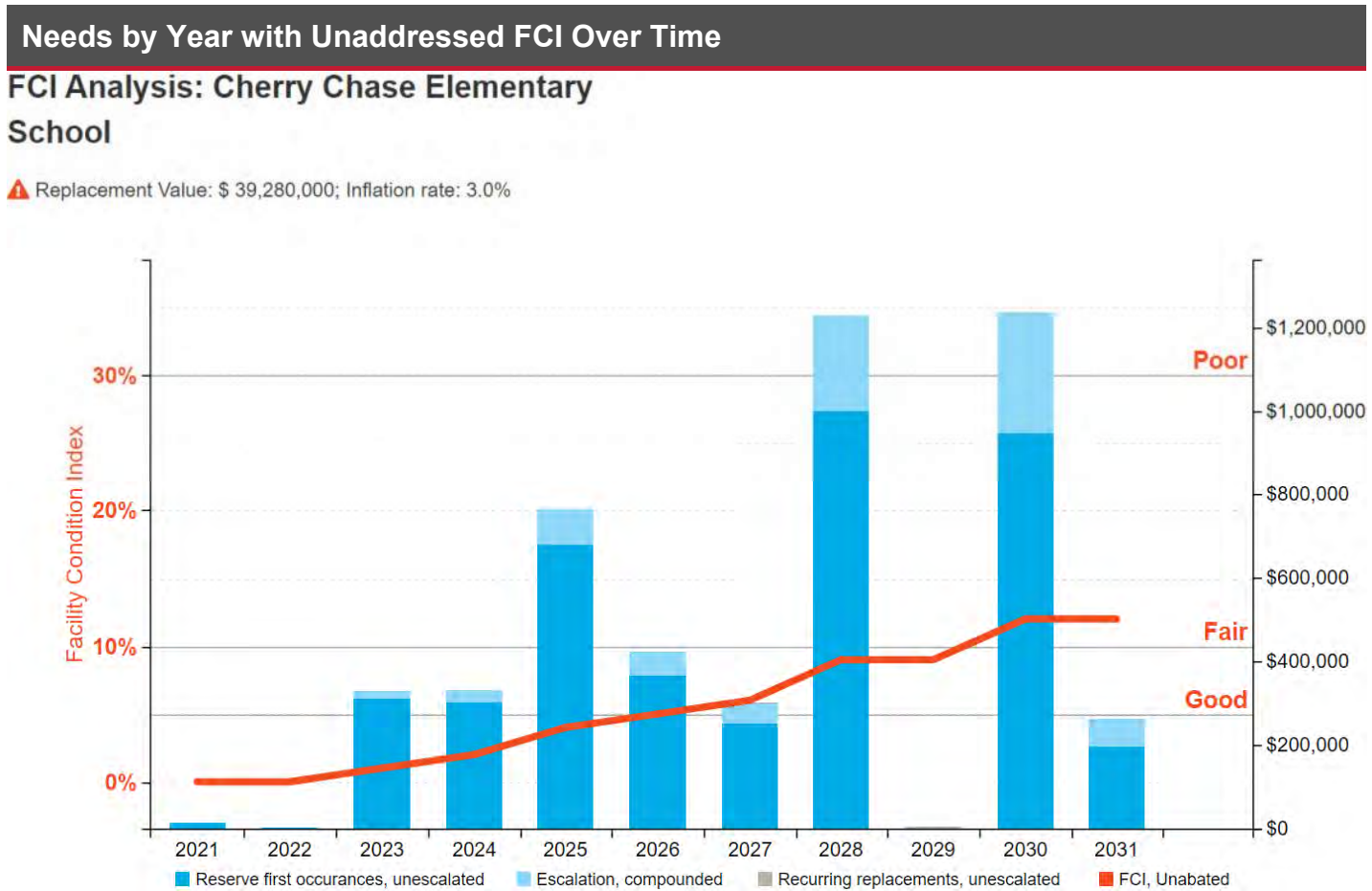
0 – 5%	In new or well-maintained condition, with little or no visual evidence of wear or deficiencies.
5 – 10%	Subjected to wear but is still in a serviceable and functioning condition.
10 – 30%	Subjected to hard or long-term wear. Nearing the end of its useful or serviceable life.
30% and above	Has reached the end of its useful or serviceable life. Renewal is now necessary.

The deficiencies and lifecycle needs identified in this assessment provide the basis for a portfolio-wide capital improvement funding strategy. In addition to the current FCI, extended FCI's have been developed to provide owners the intelligence needed to plan and budget for the "keep-up costs" for their facilities. As such the 3-year, 5-year, and 10-year FCI's are calculated by dividing the anticipated needs of those respective time periods by current replacement value. As a final point, the FCI's ultimately provide more value when used to relatively compare facilities across a portfolio instead of being over-analyzed and scrutinized as stand-alone values. The table below summarizes the individual findings for this FCA:

Facility	Cost/SF	Total SF	Replacement Value	Current	3-Year	5-Year	10-Year
Cherry Chase Elementary School / CDC	\$380	1,000	\$380,000	0.0%	1.4%	5.1%	5.5%
Cherry Chase Elementary School / Classroom 7	\$380	1,000	\$380,000	0.0%	5.1%	12.6%	34.6%
Cherry Chase Elementary School / Classrooms 1-2	\$740	3,400	\$2,516,000	0.0%	1.8%	6.0%	13.6%
Cherry Chase Elementary School / Classrooms 12-15	\$740	4,700	\$3,478,000	0.0%	1.8%	6.2%	13.5%
Cherry Chase Elementary School / Classrooms 16-19	\$740	4,700	\$3,478,000	0.0%	3.2%	4.3%	8.0%
Cherry Chase Elementary School / Classrooms 28-38	\$380	5,400	\$2,052,000	0.0%	3.6%	11.7%	15.5%
Cherry Chase Elementary School / Classrooms 3-6 & Computer Lab	\$740	6,200	\$4,588,000	0.0%	1.8%	6.0%	13.3%
Cherry Chase Elementary School / Classrooms 8-11	\$740	4,700	\$3,478,000	0.0%	1.6%	6.0%	13.5%
Cherry Chase Elementary School / Kindergarten Building (Classrooms KA-KF)	\$380	6,000	\$2,280,000	0.0%	1.4%	1.4%	4.1%
Cherry Chase Elementary School / Library	\$740	2,200	\$1,628,000	0.0%	1.8%	3.6%	9.2%
Cherry Chase Elementary School / Main Office	\$740	4,100	\$3,034,000	0.0%	0.8%	3.8%	8.2%
Cherry Chase Elementary School / Multi-Use Building	\$740	8,000	\$5,920,000	0.3%	0.3%	2.5%	9.6%
Cherry Chase Elementary School / The Tunnel (Classrooms 21-26)	\$740	9,200	\$6,808,000	0.0%	1.8%	2.9%	11.4%

Campus Level FCI:

The vertical bars below represent the year-by-year needs identified for the entire campus. The orange line in the graph below forecasts what would happen to the campus FCI (left Y axis) over time, assuming zero capital expenditures over the next ten years. The dollar amounts for each year (blue bars) are associated with the values along the right Y axis.



Similar graphs for the FCI and needs of each individual building over time are included in the separate report sections that follow.

Immediate Needs

Facility/Building	Total Items	Total Cost
Multi-Use Building	1	\$15,300
Total	1	\$15,300

Multi-Use Building

ID	Location	Location Description	UF Code	Description	Condition	Plan Type	Cost
2001078	Cherry Chase Elementary School / Multi-Use Building	Roof	B3010	Roofing, Single-Ply Membrane, TPO/PVC, Replace	Poor	Performance/Integrity	\$15,300
Total (1 items)							\$15,300

Key Findings

**Roofing in Poor condition.**

Single-Ply Membrane, TPO/PVC
Multi-Use Building Cherry Chase Elementary
School Roof

Uniformat Code: B3015
Recommendation: **Replace in 2021**

Priority Score: **88.9**

Plan Type:
Performance/Integrity

Cost Estimate: \$15,300

\$\$\$\$

Roofing is worn, cracked, and blistering - AssetCALC ID: 2001078

**Suspended Ceilings in Poor condition.**

Hard Tile, Replacement w/ ACT
Classrooms 12-15 Cherry Chase Elementary
School Restrooms

Uniformat Code: C1071
Recommendation: **Replace in 2022**

Priority Score: **81.8**

Plan Type:
Performance/Integrity

Cost Estimate: \$1,100

\$\$\$\$

Tiles are stained and falling off - AssetCALC ID: 2001220

No photo available

Fire Suppression System

Full System Install/Retrofit, Medium
Density/Complexity
Classrooms 16-19 Cherry Chase Elementary
School Throughout building

Uniformat Code: D4011
Recommendation: **Install in 2024**

Priority Score: **60.7**

Plan Type:
Modernization/Adaptation

Cost Estimate: \$23,500

\$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002988

No photo available

Fire Suppression System

Full System Install/Retrofit, Medium
Density/Complexity
Classrooms 3-6 & Computer Lab Cherry
Chase Elementary School Throughout building

Uniformat Code: D4011
Recommendation: **Install in 2024**

Priority Score: **60.7**

Plan Type:
Modernization/Adaptation

Cost Estimate: \$31,000

\$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002990

No photo available	Fire Suppression System	Priority Score: 60.7
	Full System Install/Retrofit, Medium Density/Complexity Classrooms 28-38 Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D4011 Recommendation: Install in 2024	Cost Estimate: \$27,000 \$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002989

No photo available	Fire Suppression System	Priority Score: 60.7
	Full System Install/Retrofit, Medium Density/Complexity CDC Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D4011 Recommendation: Install in 2024	Cost Estimate: \$5,000 \$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002984

No photo available	Fire Suppression System	Priority Score: 60.7
	Full System Install/Retrofit, Medium Density/Complexity Library Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D4011 Recommendation: Install in 2024	Cost Estimate: \$11,000 \$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002993

No photo available	Fire Suppression System	Priority Score: 60.7
	Full System Install/Retrofit, Medium Density/Complexity Main Office Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D4011 Recommendation: Install in 2024	Cost Estimate: \$20,500 \$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002994

No photo available	Fire Suppression System	Priority Score: 60.7
	Full System Install/Retrofit, Medium Density/Complexity Classrooms 8-11 Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D4011 Recommendation: Install in 2024	Cost Estimate: \$23,500 \$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002991

No photo available	Fire Suppression System	Priority Score: 60.7
	Full System Install/Retrofit, Medium Density/Complexity Classrooms 1-2 Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D4011 Recommendation: Install in 2024	Cost Estimate: \$17,000 \$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002986

No photo available	Fire Suppression System	Priority Score: 60.7
	Full System Install/Retrofit, Medium Density/Complexity The Tunnel (Classrooms 21-26) Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D4011 Recommendation: Install in 2024	Cost Estimate: \$46,000 \$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002995

No photo available	Fire Suppression System	Priority Score: 60.7
	Full System Install/Retrofit, Medium Density/Complexity Kindergarten Building (Classrooms KA-KF) Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D4011 Recommendation: Install in 2024	Cost Estimate: \$30,000 \$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002992

No photo available	Fire Suppression System	Priority Score: 60.7
	Full System Install/Retrofit, Medium Density/Complexity Classroom 7 Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D4011 Recommendation: Install in 2024	Cost Estimate: \$5,000 \$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002985

No photo available	Fire Suppression System	Priority Score: 60.7
	Full System Install/Retrofit, Medium Density/Complexity Classrooms 12-15 Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D4011 Recommendation: Install in 2024	Cost Estimate: \$23,500 \$\$\$\$

Building is not protected by a fire sprinkler suppression system - AssetCALC ID: 2002987

No photo available	Emergency and Exit Lighting	Priority Score: 54.7
	Exit Sign, LED Classrooms 28-38 Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D5045 Recommendation: Install in 2024	Cost Estimate: \$1,300 \$\$\$\$

Building does not have any exit signs - AssetCALC ID: 2001410

No photo available	Emergency and Exit Lighting	Priority Score: 54.7
	Exit Sign, LED Classrooms 8-11 Cherry Chase Elementary School Throughout building	Plan Type: Modernization/Adaptation
	Uniformat Code: D5045 Recommendation: Install in 2024	Cost Estimate: \$1,800 \$\$\$\$

Building does not have any exit signs - AssetCALC ID: 2001407

No photo available	Emergency and Exit Lighting Exit Sign, LED Classrooms 12-15 Cherry Chase Elementary School Throughout building Uniformat Code: D5045 Recommendation: Install in 2024	Priority Score: 54.7 Plan Type: Modernization/Adaptation Cost Estimate: \$1,800 \$\$\$\$
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Building does not have any exit signs - AssetCALC ID: 2001409

No photo available	Emergency and Exit Lighting Exit Sign, LED Classrooms 3-6 & Computer Lab Cherry Chase Elementary School Throughout building Uniformat Code: D5045 Recommendation: Install in 2024	Priority Score: 54.7 Plan Type: Modernization/Adaptation Cost Estimate: \$2,200 \$\$\$\$
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Building does not have any exit signs - AssetCALC ID: 2001408



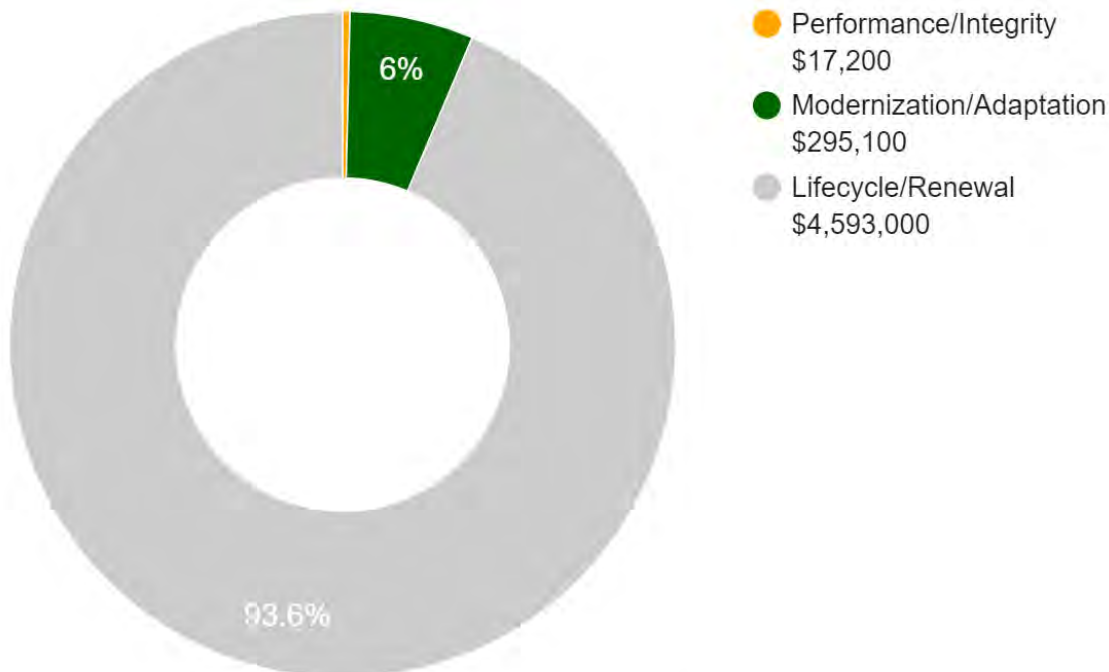
Plan Types

Each line item in the cost database is assigned a Plan Type, which is the primary reason or rationale for the recommended replacement, repair, or other corrective action. This is the “why” part of the equation. A cost or line item may commonly have more than one applicable Plan Type; however, only one Plan Type will be assigned based on the “best” fit, typically the one with the greatest significance.

Plan Type Descriptions

Safety	■	An observed or reported unsafe condition that if left unaddressed could result in injury; a system or component that presents potential liability risk.
Performance/Integrity	■	Component or system has failed, is almost failing, performs unreliably, does not perform as intended, and/or poses risk to overall system stability.
Accessibility	■	Does not meet ADA, UFAS, and/or other handicap accessibility requirements.
Environmental	■	Improvements to air or water quality, including removal of hazardous materials from the building or site.
Retrofit/Adaptation	■	Components, systems, or spaces recommended for upgrades in in order to meet current standards, facility usage, or client/occupant needs.
Lifecycle/Renewal	■	Any component or system that is not currently deficient or problematic but for which future replacement or repair is anticipated and budgeted.

Plan Type Distribution (by Cost)



10-YEAR TOTAL: \$4,905,300