



Sacramento City Unified School District

ALICE BIRNEY WALDORF-INSPIRED K-8 SCHOOL



Schools as Teaching Tools



Sustainable Sites



Water Efficiency



Energy & Atmosphere



Climate



Materials & Resources



Indoor Environmental Quality



Leadership, Education & Innovation

HIGH PERFORMANCE FACILITY ASSESSMENT

*Formula for Success:*

High Performing Education

+

High Performing Facilities

+

Community Partnerships

=

**HIGH PERFORMING STUDENTS**

**NTD**  
ARCHITECTURE

June 2012

## INTRODUCTION: 2012 SUSTAINABLE FACILITIES MASTER PLAN

The following is the **High Performance Facilities Assessment** document for the above mentioned school. The document has been prepared in conjunction with the District's 2012 Sustainable Facilities Master Plan. This document provides detailed school site assessments documenting the status of existing conditions/systems and highlighting the transformation opportunities within the format of the Collaborative for High Performance Schools (CHPS) Best Practices, consistent with the District's Board Policy Initiatives.

The Facilities Assessment document has been organized in the **Sustainable Categories** of:

*Leadership, Education & Innovation*  
*Sustainable Sites (All associated disciplines)*  
*Water Efficiency (Plumbing systems)*  
*Energy & Atmosphere (Mechanical systems)*  
*Climate*  
*Materials & Resources (Architectural systems)*  
*Indoor Air Quality (Electrical systems)*

Within each sustainable category the designated areas, systems, components, etc. have been grouped by similar scopes of work. The summaries of these groupings have been used to categorize project types which are identified in the final cost summary for this school.

The assessment template provides a matrix documenting the:

1. The **Date Last Reviewed** is included to allow the District and/or Consultant Team to continually review and maintain this as a "living document" as facilities improvements and/or needs come up through the life of the facility. It is expected that this document be used as a productive tool for planning & design, and maintenance & operation tasks.
2. The **Repair / Replace Level** records the level of repair or replacement required using a scale of 0-4.  
*Level 4 – New Replacement (Assumes 100% replacement)*  
*Level 3 - Major Repair (Assumes 50-75% repair)*  
*Level 2 – Minor Repair (Assumes 25-50% repair)*  
*Level 1 – Patch and Repair (Assumes 0-25% repair)*  
*Level 0 – No observed need to replace, repair or patch*
3. **Category** for site and building components are coded as:  
*C- Code / Life Safety / Access*  
*M – Maintenance / Operations*  
*HP – High Performance / Modernization / Transformation*
4. The **Relative Urgency** of the need to replace, repair or patch each site or building component is rated.  
*3 – Critical*  
*2 – Urgent, not critical*  
*1 – Moderate, recommended*  
*0 – No observed need*

The Project Cost Summary concludes the assessment with an estimated cost of projects within each of the Collaborative for High Performing Schools (CHPS) Best Practices categories. In addition each project will have a classification of costs based upon the categories of Code / Life Safety / Access, Maintenance & Operations and High Performance / Modernization / Transformation.

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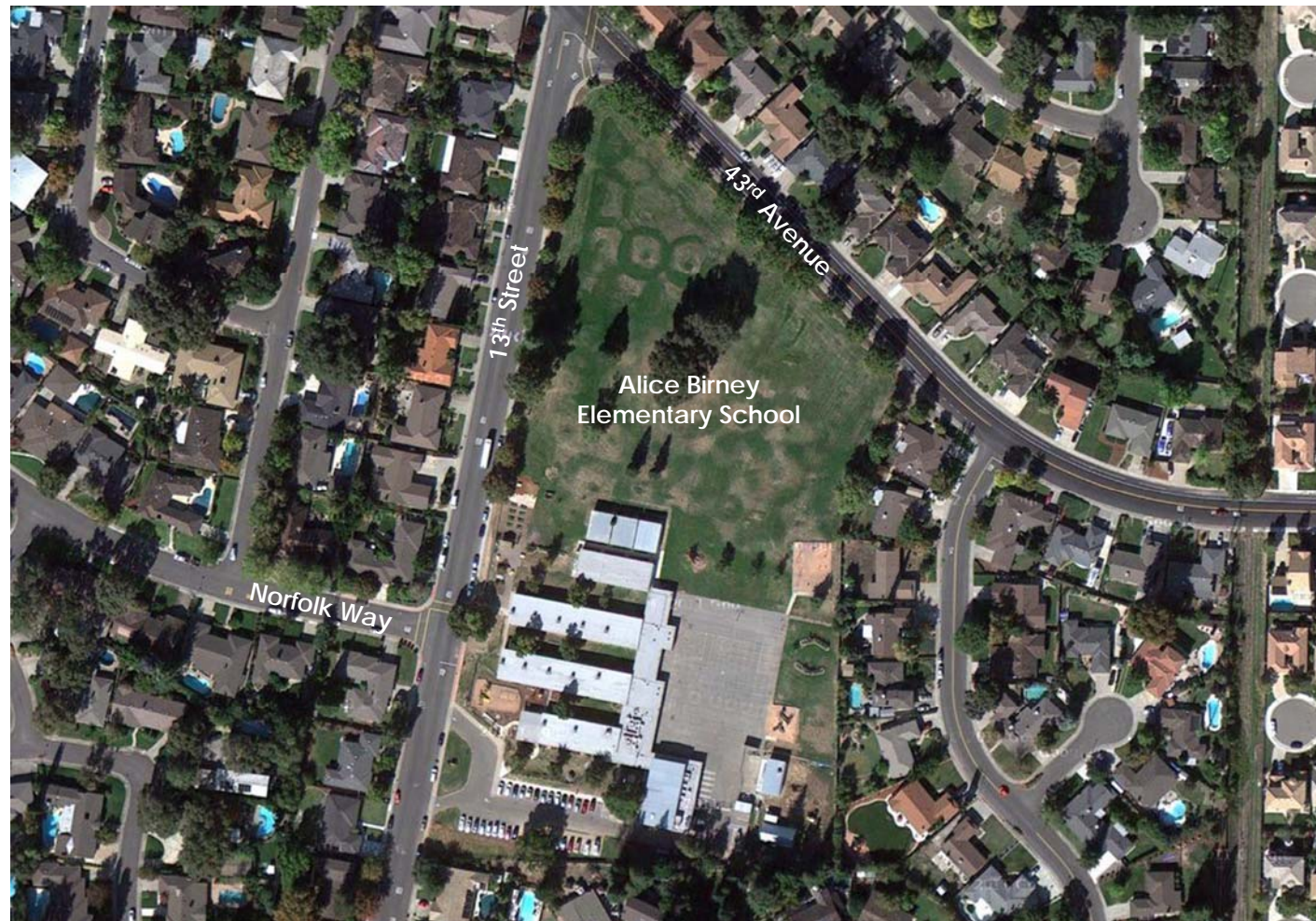
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Site Plan of Campus



**Narrative Summary**

Alice Birney Elementary was originally constructed in 1959 and has not received any known modernization over the last 10 years. There are still a number of areas that require improvement, especially since the school was unoccupied for a full year with little or no maintenance.

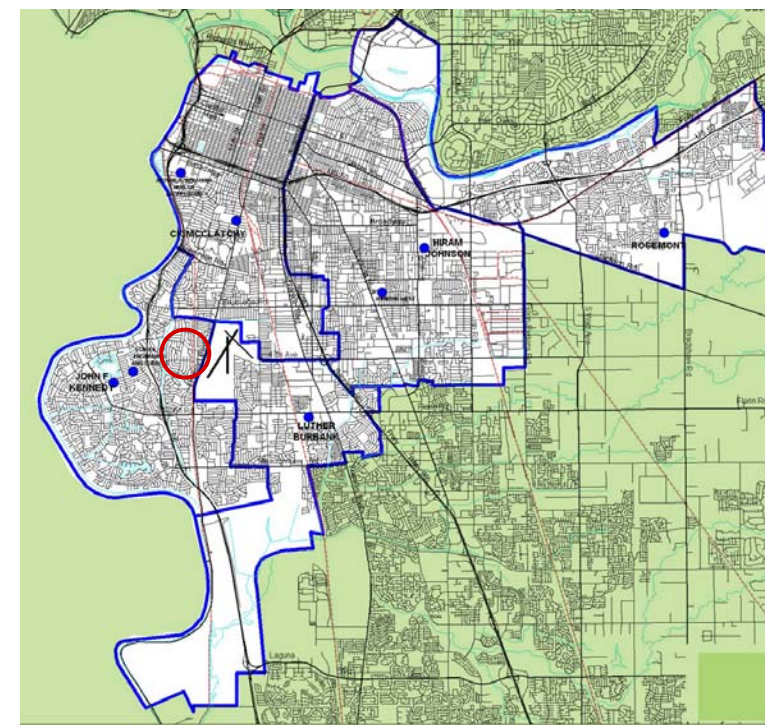
Even though there is a dedicated drop-off lane for parents and buses, it is not of adequate length and therefore is a safety issue. Also, the staff parking lot is inadequate in size. Storm drainage is a big issue with multiple swampy landscaping areas. More concrete walkways are needed between classroom relocatables and those that exist are not ADA accessible. Concrete walkways at raised relocatable classrooms currently do not have handrails which is a code path of travel violation.

Elsewhere on site, the hard-surface playground has some large cracking and needs a new overlay with striping. Covered walkways have major dry rot and holes. Irrigation water does not provide sufficient coverage to the landscaping. Graffiti and vandalism are big issues on this campus.

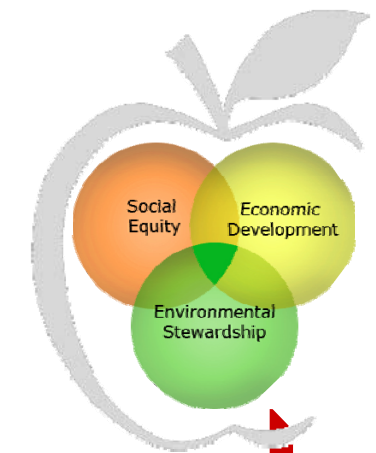
Specific to the building interiors, door signage is no longer ADA accessible, much of the door hardware needs to be upgraded to meet ADA standards, interior window shades are out-dated, and the kitchen should be refurbished. The HVAC system causes temperature issues throughout the campus and light fixtures need to be relamped. Relocatable classrooms have poor natural daylight. Furthermore, the student capacity exceeds the number of classrooms, so more classrooms are needed.



Campus Entry



School Location Legend



'Student Centered Education'

**School Mission Statement**

*The Alice Birney Waldorf-Inspired K-8 School Mission is to accept children with honor and respect, educate them with love, and prepare them for lives of freedom and responsibility.*

*Children of all capabilities will learn and develop their strengths, master their weaknesses and exit Alice Birney prepared to excel in all subject areas in the high school of their choice. By graduation, students are expected to be proficient in core academic areas as well as visual and performing arts as demonstrated in their culminating 8th grade projects. Alice Birney students will be prepared and motivated to continue as life-long learners.*



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**Sustainable Sites School Entry/Drop Off**  
*Safety concerns - not enough lane length, so parents drop off students on street.*



**Sustainable Sites Outdoor Activity**  
*Play surface is uneven and cracking, needs repair, slurry seal and re-striping.*



**Sustainable Sites Campus Core**  
*Shade is inadequate, more trees could create outdoor learning opportunities.*



**Water Efficiency Exterior**  
*Existing hose bib is at grade, filled with dirt and should not be used without back flow prevention.*



**Water Efficiency Interior**  
*Waste from the food wash sink has a direct sewer connection. This should have indirect connection.*



**Energy & Atmosphere**  
*Restrooms are not conditioned. They are only exhausted by dedicated ceiling exhaust fans.*



**Materials & Resources Exterior**  
*Water ponding on roof is contributing to the dry rot of the roofing structure.*



**Materials & Resources Interior**  
*Drainage issues include sidewalk slopes into the building, resulting in doors will not fully close.*



**Indoor Environmental Quality**  
*IDF makes loud motor sounds that disturbs the students and staff.*

## High Performance Transformation

### Leadership, Education & Innovation

*Encourage innovation in high performance school design creating safe, motivating and sustainable learning environments that reduce dependence on non-sustainable resources.*

### Sustainable Sites

*Create safe, barrier free outdoor learning environments incorporating efficient and effective storm water management, landscaping, lighting and surfaces.*

### Water Efficiency

*Improve the efficiency of fixtures, appliances and irrigation systems to reduce domestic water usage.*

### Energy & Atmosphere

*Optimize energy efficiency and performance to minimize environmental impacts and reduce operating costs associated with fossil fuels.*

### Materials & Resources

*Improve the learning environment and extend the life-cycle of facilities while encouraging the use of efficient sustainable materials and reducing waste.*

### Indoor Environmental Quality

*Enhance air quality, thermal comfort, natural light, acoustic performance and physical environments while reducing pollutants. Provide a safe, healthy, functional environment to help motivate students and encourage attendance.*

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**'Student Centered Education'**




The following is a site organizational concept of Alice Birney Elementary School to implement the *Strategic Plan 2010-2014: Putting Children First* and the Common Core Standards.

**SAFE & WELCOMING SCHOOL**




-  Dedicated Drop-Off
-  Visitor/Staff Parking
-  Garden/Quad/Outdoor Learning

**CAREER & COLLEGE READY**

**Core Academic Pathway Transformation**

-  Kindergarten (K)
-  Elementary; Lower 1-3, Upper 4-6
-  Middle: 7-8




**Project Lab Transformation (3,900 sf)**

-  Project Labs (PL)
-  Art/Science
-  Expansion (8,640sf)



**Support** Support Spaces – distributed

**FAMILY & COMMUNITY ENGAGEMENT**

**Technology Center (TC) Transformation (5,023 sf)**






-  Media Center & Computer Lab
-  Parent Center & Conference Room
-  Teacher Planning Center
- Note: Transformation of (C) MP*

**Multi-Purpose (MP) Expansion (7,536 sf)**

-  Dining / Gym / Assembly / Stage
-  Restrooms / Kitchen / Storage

**ORGANIZATIONAL TRANSFORMATION**

**Classroom Conversion / Expansion (21,888 sf)**

-  Portable to Permanent and CR
-  Expansion to meet optimized
-  Campus Capacity Goals of
-  782-928 students, 19 Classrooms
-  and Support Spaces

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Site Plan – Concept Study





### School Site Facility(s) Needs

The following list was provided by the school's principal which was generated from school site council and community meetings:

#### School Facility Needs

- Stop putting off maintenance
- School yard beautification, new paint, shade trees
- Technology
- Maintenance
- Meeting Hall
- More and new computers
- Tables and chairs that aren't broken and wobbly
- Clean: carpets, windows
- School yard safety: fill in gopher holes, level it out
- Paint-touch up and window washing
- Decent air conditioning that is kept clean
- Paint black top
- General beautification, grass, plants, new sign, murals, paint
- Dangerous concrete needs repair
- Improve Kinder playground

#### School Facility Desired Improvements

- Smaller class size
- Regulating AC/Heat
- Going More "Green"
- Parent pick up area reconfiguration
- Technology upgrades; document cameras, projectors, smart technology
- More security, especially on weekends

"Teacher's working conditions are students learning conditions"

### Project Cost Summary Matrix

	Code, Life Safety & Access	Maintenance & Operations	High Performance Transformation	Sustainable Category Total
Schools as Teaching Tools				
Sustainable Sites	\$657,670	\$836,810	\$1,162,460	\$2,656,940
Water Efficiency	\$60,970	\$38,870	\$40,690	\$140,530
Energy & Atmosphere	\$26,787	\$203,450	\$49,790	\$280,027
Materials & Resources	\$57,590	\$910,650	\$771,420	\$1,739,660
Indoor Environmental Quality	\$225,970	\$75,140	\$565,890	\$897,000
Leadership, Education & Innovation	\$0	\$0	\$6,151,210	\$19,177,210

**Assessment Total** \$1,058,987 \$2,064,920 \$21,767,460 \$24,891,367

Cost Summary reflects Total Project Cost Estimate, inclusive of Construction Cost and Soft Cost

### CHPS Summary

*Collaborative for High Performance Schools*

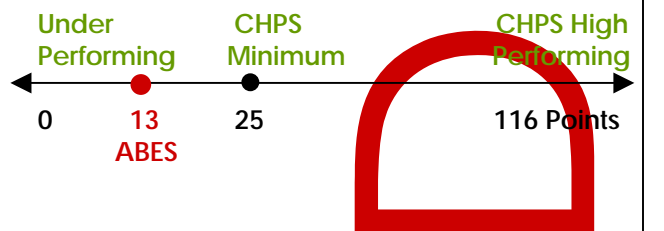
Supports the idea that "a well-designed facility can truly enhance performance and make education more enjoyable and rewarding...and a productive learning experience."

In accordance with the Green and Grid Neutral Model Schools Policy Initiative-BP 3511 and Resolution No. 2583; Adopting the Collaborative for High Performing Schools (CHPS) Criteria, the following summary characterizes how the Schools align with the Best Practices Criteria.



#### SUMMARY by CHPS Categories

	Eligible Points	Actual Points
Leadership, Education & Innovation	13	0
Sustainable Sites	14	4
Water Efficiency	9	0
Energy & Atmosphere	29	1
Climate	10	0
Materials & Resources	18	2
Indoor Environmental Quality	23/25	6
<b>TOTAL</b>	<b>116</b>	<b>13</b>



### Campus Assessment Summary

#### Sustainable Sites

- School Entry & Drop-off
- Parking & Drives
- Service Access
- Outdoor Activity
- Campus Core
- Utilities & Infrastructure

#### Water Efficiency

- Site Utilities & Infrastructure
- Plumbing Systems
- Specialty Systems
- Fire Protection Systems

#### Energy & Atmosphere

- Central Plant
- HVAC Systems
- Specialty Systems
- Alternative Energy Systems

#### Materials & Resources

- Signage
- Door Hardware
- Interior Space
- Exterior Finish

#### Indoor Environmental Quality

- Electrical Systems
- Lighting Systems
- Technology Systems
- Low Voltage Systems

#### Leadership, Education & Innovation

- Career & College Ready
- Family & Community Engagement
- Organizational Transformation

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Sustainable Facilities Master Plan

June 2012



**SCHOOL ASSESSMENT LOG**

DATE / DIVISION / DISCIPLINE	TASK LAST REVIEWED
04/12 NTD ARCHITECTURE	2012 SUSTAINABLE FACILITIES MASTER PLAN

**SCHOOL SITE SUMMARY**

School Name	Alice Birney Waldorf-Inspired K-8 School		
Address	6251 13th Street, Sacramento, CA 95831		
Grade Levels	K-8	Student Population	433**
Site Acreage	10.07*	Original Construction	1977**
Total Building Area- Permanent Structures	23,867 GSF*	Total Building Area- Portable Structures	8,640 GSF*
# Classrooms	11**	# Classrooms	6**

\* 2006 SCUSD Facilities Master Plan  
\*\* 2010-11 School Accountability Report Card

**CONTACTS**

	Affiliation	Name	Phone	E-Mail
District Representative	SCUSD	Kim Teague	919-643-2464	KimT@sac-city.k12.ca.us
School Principal	SCUSD	Mechelle Horning	916-433-5544	Mechelle-Horning@sac-city.k12.ca.us
Plant Manager	SCUSD	John Sanchez	916-433-5544	
Architect	NTD Architecture	Cody Carpino	530-888-0999	ccarpino@ntd.com
Landscape Architect	Yamasaki	Jeff Ambrosia	530-753-9606	jeff@yamasaki-la.com
Mechanical Engineer	Peters Engineering	Doug Peters	916-447-2841	gmercerc@peterseng.com
Electrical Engineer	Peters Engineering	Greg Mercer	916-447-2841	dpeters@peterseng.com
Cost Estimator	Cumming Corporation	Brooks Rehkopf	916-779-7149	brehkopf@ccorpUSA.com

**UTILITY PROVIDERS**

	Provider	Account #	Contact Name
Electric			
Gas			
Water			
Sewer			
Phone			
Internet / Cable			



<b>DOCUMENTATION AVAILABLE</b>		
<b>REPORTS</b>	<b>PREPARED BY:</b>	<b>DATE:</b>
<b>DRAWING SETS</b>		
<b>SPECIFICATIONS</b>		
<b>DSA CLOSEOUT STATUS</b>		
<b>DSA APP#</b>	<b>PROJECT DESCRIPTION</b>	<b>STATUS</b>
02-112008	Relocation of 1-Classroom Building (Relocatable)	OPEN, Approved 09/02/11
02-112007	Relocation of 1-Classroom Building (Relocatable)	OPEN, Approved 09/02/11
02-100257	CONSTRUCTION OF: 25 CLASSROOM BUILDINGS (RELOCATABLE)(1 EA. @ HUNTINGTON, BIRNEY, OAK RIDGE, PACIFIC, M L KING GOLDEN EMPIRE C GREENWOOD, B HARTE, HOLLYWOOD PARK, D LUBIN , J SLOAT, E WARREN, PARKWAY, E PHILLIPS, SEQUOIA, A M WINN, C WIRE ELEM SCHS) (Unable to verify address for projects, only 17 schools listed on website)	Certification & Close of File
59891	Constr. Ball Wall	Certification & Close of File
51443	Const. latch key A building and sitework	Close of File w/o Certification -
17026	M/U Bldg and yard storage building, 2 Classroom wings, Kindergarten Admin. Bldg	Certification & Close of File





**CHPS SUMMARY**

	Eligible Points	Actual Points
<b>SUSTAINABLE SITES</b>		
<b>Sustainable Sites Total</b>	14	4
<b>WATER EFFICIENCY</b>		
<b>Water Efficiency Total</b>	9	0
<b>ENERGY &amp; ATMOSPHERE</b>		
<b>Energy &amp; Atmosphere Total</b>	29	1
<b>CLIMATE</b>		
<b>Climate Total</b>	10	0
<b>MATERIALS &amp; RESOURCES</b>		
<b>Materials &amp; Resources Total</b>	18	2
<b>INDOOR ENVIRONMENTAL QUALITY</b>		
<b>Indoor Environmental Quality Total</b>	25	6
<b>LEADERSHIP, EDUCATION &amp; INNOVATION</b>		
<b>Leadership, Education &amp; Innovation Total</b>	13	0
<b>Totals per School</b>	118 Eligible Points	13 Actual Points



### CHPS SUMMARY: SUSTAINABLE SITES

Credit # / Title	Eligible Points	Actual Points	Notes:
<p><b>Eligible Points:</b> P- Prerequisite (Required), 1+ Per CHPS  <b>Actual Points:</b> Per Assessment</p>			

#### 1. Site Selection

SS1.0	Code Compliance	P	P	<i>Intent:</i> To select sites that are safe and healthy environments.
SS1.1	Environmentally Sensitive Land	1	0	<i>Intent:</i> Avoid development on environmentally sensitive sites to reduce impact of the building footprint.
SS1.2	Central Location	1	0	<i>Intent:</i> To make the school more accessible to its occupants, and to promote smart growth.
SS1.3	Joint-Use of Facilities	1	1	<i>Intent:</i> Allow for more community and neighborhood integration within the school facility.
SS1.4	Joint-Use of Parks	1	1	<i>Intent:</i> Allow for more community and neighborhood integration within the school grounds.
SS1.5	Reduced Footprint	1	0	<i>Intent:</i> Reduce the extent of land used for development.

#### 2. Transportation

SS2.1	Public Transportation	1	1	<i>Intent:</i> Encourage the use of public transportation.
SS2.2	Human Powered Transportation	1	0	<i>Intent:</i> Encourage alternative transportation methods to and from school that increase physical activity, improve health, and reduce dependence on fossil fuels.
SS2.3	Parking Minimization	1	0	<i>Intent:</i> Discourage the use of automobiles for transportation to and from school.

#### 3. Stormwater Management

SS3.0	Construction Site Runoff Control	P	P	<i>Intent:</i> Reduce erosion and negative impacts on water and air quality during construction.
SS3.1	Limit Stormwater Runoff	1	0	<i>Intent:</i> Manage stormwater runoff to limit disruption and pollution of natural waterways.
SS3.2	Treat Stormwater Runoff	1	0	<i>Intent:</i> Control and filter stormwater runoff to limit disruption and pollution of natural waterways.

#### 4. Outdoor Surfaces & Spaces

SS4.1	Reduce Heat Islands - Landscaping	1	0	<i>Intent:</i> Optimize landscape design to reduce the heat island effect.
SS4.2	Reduce Heat Islands - Cool Roofs	1	0	<i>Intent:</i> Employ cool or green roofs to reduce the heat island effect.
SS4.3	School Garden	1	1	<i>Intent:</i> To encourage schools to incorporate teaching gardens.

#### 5. Outdoor Lighting



SS5.1	Light Pollution Reduction	1	0	<i>Intent:</i> Reduce development impacts on the nocturnal environment.
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#### CHPS- Sustainable Sites: Summary

<b>Eligible Points</b>	<b>14</b>	<b>4</b>	<b>Actual Points</b>
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## SUSTAINABLE SITES

Scope	Date	Repair / Replace Level	Category	Urgency Score	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
<b>1. School Entry/Drop Off</b>						
.1	P.O.T./Sidewalks	03/12	4	C	3	Not ADA compliant
.2	Drive/Drop Off (Parent)	03/12	4	C	3	Safety concerns - not enough lane length, so parents drop students off on street.
.3	Drive/Drop Off (Bus)	03/12	4	C	3	Short bus drop-off, adjacent to multipurpose building. 
.4	Signage- Identification	03/12	1	C	1	
.5	Signage- Monument	03/12	2	M	2	Access panel is damaged 
.6	Fence	03/12	4	M	3	Non existing, should be added for security
.7	Gates	03/12	4	M	3	Non existing, should be added for security
.8	Site Lighting: Type/Condition	03/12	4	C	3	No site lighting at the School Entry/Drop Off area.
.9	Site Lighting: Efficiency/ Cut-off	03/12	2	HP	1	Need pole lighting fixture at the School Entry/Drop-off area.
.10	Building Mntd Lighting: Type/Condition	03/12	4	C	3	N/A, no building mounted lighting at the School Entry/Drop Off area.


Scope		Date	Repair / Replace Level	Category	Urgency Score	<p><b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch &amp; Repair, 0-No observed need to replace, repair or patch</p> <p><b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p><b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
.11	Building Mtd Lighting: Efficiency/ Cut-off	03/12	4	HP	1	N/A, no building mounted lighting needed at the School Entry/Drop Off area.
.12	Lighting Controls Condition	03/12	0	M	0	Lighting controlled by photo cell only.
.13	Lighting Controls Efficiency	03/12	2	HP	1	Lighting controlled by photo cell only, no timed off lighting fixtures per code.
.14	Planting - Trees Condition	03/12	4	M	1	None exist. 
.15	Planting - Trees Adequacy	03/12	4	HP	1	Planting is inadequate. Additional trees should be provided at the drop off, the drive isle and adjacent to the front entry.
.16	Planting-Shrub/Grndcvr Condition	03/12	3	M	1	Shrubs are healthy but severely pruned back. Turf has only a few bare spots, 95% coverage. However, a good percentage of turf is weed. Signs of some settling and compaction are present.
.17	Planting-Shrub/Grndcvr Adequacy	03/12	3	HP	1	Planting is inadequate. There are large gaps between individual shrubs from die back. Currently planting practices don't meet AB 1881 requirements. 
.18	Irrigation Condition	03/12	4	M	2	There exist a mix of systems with old and new heads with the old heads being replaced after failure. All valves are manual.
.19	Irrigation Efficiency	03/12	4	HP	1	Irrigation systems are inefficient. As old heads fail and are replaced with new heads, often the head radius is shorter than the previous head or requires more pressure than previously available. Current system design doesn't meet AB 1881 requirements.




Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.20	Storm Water Drainage	03/12	3	M	1	Storm water leaders drain either directly to landscape planters or drain across paving.  
.21	Site Furnishings	03/12	4	M	1	None exist.
.22	Other					


Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
<b>2. Parking &amp; Drives</b>						
.1	P.O.T./Sidewalks	03/12	1	C	1	Not ADA compliant 
.2	Drive	03/12	2	M	2	Cracked up, needs slurry and re-striping
.3	Staff Parking - Condition	03/12	2	M	2	Cracked up, needs slurry and re-striping
.4	Staff Parking - Adequacy	03/12	4	HP	1	
.5	Student Parking - Condition	03/12	-	-	-	N/A
.6	Student Parking - Adequacy	03/12	-	-	-	N/A
.7	Signage- Identification	03/12	0	C	0	
.8	Fence	03/12	-	-	-	N/A
.9	Gates	03/12	-	-	-	N/A
.10	Site Lighting: Type/Condition	03/12	0	M	0	No site lighting at the Parking and Drive area.
.11	Site Lighting: Efficiency/ Cut-off	03/12	2	HP	1	Need pole lighting at Parking area.
.12	Building Mntd Lighting: Type/Condition	03/12	0	M	0	Wall packs are in good condition
.13	Building Mtd Lighting: Efficiency/ Cut-off	03/12	2	HP	1	Need additional wall packs in Parking area.
.14	Lighting Controls Condition	03/12	0	M	0	Lighting controlled by photo cell only.
.15	Lighting Controls Efficiency	03/12	2	HP	1	Lighting controlled by photo cell only, no timed off lighting fixtures per code.









Scope		Date	Repair / Replace Level	Category	Urgency Score	<p><b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch &amp; Repair, 0-No observed need to replace, repair or patch</p> <p><b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p><b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
.16	Planting-Trees for Shade Condition	03/12	4	M	2	<p>Parking lot shade tree are in good to poor condition. Trees that are in poor condition are infested with mistletoe.</p> 
.17	Planting - Trees for Shade Adequacy	03/12	4	HP	1	Shading is inadequate. Only one existing tree is capable of shading the parking lot. The other trees are on the north side of and planted to far away from the curb to provide shade.
.18	Planting-Shrub/Grndcvr Condition	03/12	3	M	1	SHRUB condition is good, however, pruning practices need to be reviewed and corrected. Also die back has left large gaps in the planting bed that should be filled in. TURF coverage is good at about 95%, however, 25% of the turf consist of weeds.
.19	Planting-Shrub/Grndcvr Adequacy	03/12	3	HP	1	SHRUB coverage is inadequate. TURF coverage is adequate. Current planting practices don't meet AB 1881 requirements
.20	Irrigation Condition	03/12	4	M	2	There exist a mix of systems with old and new heads with the old heads being replaced after failure. All valves are manual. Booster pump is not connected to these systems.
.21	Irrigation Efficiency	03/12	4	HP	1	Irrigation systems are inefficient. As old heads fail and are replaced with new heads, often new head radius is shorter than the previous head or requires more pressure than previous head. Current system design doesn't meet AB 1881 requirements.
.22	Storm Water Drainage	03/12	3	M	1	Storm water leaders drain either directly to landscape planters or drain across paving.
.23	Other					
<b>3. Service Access (Fire/Maintenance/Trash Pick Up)</b>						
.1	Drive/Vehicle Access	03/12	2	M	1	Cracked up, needs slurry and re-striping

Scope		Date	Repair / Replace Level	Category	Urgency Score	
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.2	Trash/Recycle Area	03/12	4	M	3	Enclosure needed 
.3	Service Yard	03/12	2	M	2	Cracked up, needs slurry and re-striping
.4	Signage- Identification	03/12	-	-	-	N/A
.5	Fence	03/12	0	M	0	
.6	Gates	03/12	1	M	1	Need adjustment
.7	Site Lighting: Type/Condition	03/12	0	M	0	N/A no site lighting fixture at Service Access area.
.8	Site Lighting: Efficiency/ Cut-off	03/12	2	HP	1	Need pole lighting at Service Access area.
.9	Building Mntd Lighting: Type/Condition	03/12	-	-	-	N/A
.10	Building Mtd Lighting: Efficiency/ Cut-off	03/12	-	-	-	N/A
.11	Lighting Controls Condition	03/12	0	M	0	Lighting controlled by photo cell only.
.12	Lighting Controls Efficiency	03/12	0	HP	0	Lighting controlled by photo cell only, no timed off lighting fixtures per code.
.13	Planting-Trees for Shade Condition	03/12	3	M	2	Existing trees are in good to poor condition.
.14	Planting - Trees for Shade Adequacy	03/12	4	HP	2	Shading is inadequate. Additional trees should be provided adjacent to drive isle.
.15	Planting-Shrub/Grndcvr Condition	03/12	2	M	1	Only turf exist in this area.
.16	Planting-Shrub/Grndcvr Adequacy	03/12	2	HP	1	Planting is inadequate. Additional landscaping should be provided. Current landscaping doesn't meet requirements for AB 1881.
.17	Irrigation Condition	03/12	4	M	2	There exist a mix of systems with old and new heads with the old heads being replaced after failure. All valves are manual.







Scope	Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.18 Irrigation Efficiency	03/12	4	HP	1	Irrigation systems are inefficient. As old heads fail and are replaced with new heads, often the head radius is shorter than the previous head or requires more pressure than previously available. Current system design doesn't meet AB 1881 requirements.
.19 Storm Water Drainage	03/12	1	M	1	Noted some settling of existing grade which cause water puddle during storm events.
.20 Site Furnishings	03/12	0	M	0	None exists.
.21 Other					
<b>4. Outdoor Activity</b>					
.1 P.O.T./Walks	03/12	-	-	-	N/A
.2 Vehicle Access	03/12	1	M	1	
.3 Paved School Yard / Courts	03/12	3	M	2	Cracked up, needs slurry and re-stripping 
.4 Pool	03/12	-	-	-	N/A
.5 Signage- Identification	03/12	-	-	-	N/A
.6 Fence	03/12	1	M	1	Condition is rusty and old
.7 Gates	03/12	0	M	0	
.8 Site Lighting: Type/Condition	03/12	-	-	-	N/A
.9 Site Lighting: Efficiency/ Cut-off	03/12	-	-	-	N/A
.10 Building Mntd Lighting: Type/Condition	03/12	0	M	0	Wall Packs in good condition.
.11 Building Mtd Lighting: Efficiency/ Cut-off	03/12	2	HP	1	Wall packs are very efficient but are not cut-off fixtures by code.
.12 Lighting Controls Condition	03/12	0	M	0	Lighting controlled by photo cell only.
.13 Lighting Controls Efficiency	03/12	2	HP	1	Lighting controlled by photo cell only, no timed off lighting fixtures per code.


Scope	Date	Repair / Replace Level	Category	Urgency Score	<p><b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch &amp; Repair, 0-No observed need to replace, repair or patch</p> <p><b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p><b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
.14 Play Equipment-School-age	03/12	2	M	2	<p>Play equipment is in fair condition but showing signs of aging. Paint is faded, there is some rust evident and some of the coating is failing. No shade provided.</p> 
.15 Play Equipment-Kinder	03/12	2	M	2	<p>Play equipment is in fair condition but showing signs of aging. Paint is faded and protective coating on decking is showing signs of degradation. No shade provided.</p> 
.16 Sports / Fitness Equipments	03/12	2	M	1	<p>Basket ball hoops in fair condition. In need of new paint.</p> 
.17 Tennis Courts	03/12	0	M	0	None exist.
.18 Football Field	03/12	0	M	0	None exist.

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.19 Sports Field	03/12	3	M	1	<p>Soccer and baseball fields are in poor condition. There are many bare spots and weeds. Fields show signs of settling and compaction. Soccer goals are constructed from 4 to 6 inch square steel framing. Goals are in good condition but in need of paint. Baseball backstops are in fair to poor condition. The tops of the frames are bent and the chainlink is in need of repair.</p> <div style="display: flex; justify-content: space-around;">   </div>
.20 Other Turf Areas	03/12	3	M	1	Same as above.
.21 Outdoor Gathering / Seating Areas	03/12	0	M	0	<p>Outdoor gathering space is located in a covered location at the end of the classroom wings. Multiple wood tables have been provided for the students use. Additional seating has been provided under the overhangs adjacent to the buildings at the hardcourt area.</p> <div style="text-align: center;">  </div>




Scope	Date	Repair / Replace Level	Category	Urgency Score	<p><b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch &amp; Repair, 0-No observed need to replace, repair or patch</p> <p><b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p><b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
.22 Outdoor Learning Area	03/12	1	M	1	<p>Multiple areas have been provided for exploratory and self discovery throughout the campus. These pictures are examples of stumps and logs that have been placed in the lawn for the students to play with or on depending upon their imagination. However, dedicated space for this type of activity might better suit the needs of the maintenance department.</p> 
					
.23 Planting-Trees for Shade Condition	03/12	2	M	1	The trees exist between the hard court and the ball fields appear to be struggling a little bit. The growth is anemic and less than ideal. With time they may improve.
.24 Planting - Trees for Shade Adequacy	03/12	2	HP	1	There exist additional opportunity to provide additional shade.
.25 Planting-Shrub/Grndcvr Condition	03/12	3	M	1	Turf only.
.26 Planting-Shrub/Grndcvr Adequacy	03/12	3	HP	1	Turf is appropriate for this area of the campus.
.27 Irrigation - Fields Condition	03/12	4	M	1	A mix of new and old pop up rotor and impact heads. Field is irrigated with remote control valves and pressure is provided with booster bump.
.28 Irrigations - Fields Efficiency	03/12	4	HP	1	Irrigation system is inefficient. New rotor head radiuses and pressure requirements don't match up with the original irrigation design causing under spray in most instances.
.29 Irrigation - Other	03/12	0	M	0	N/A

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.30	Storm Water Drainage	03/12	2	M	1	Settling and field wear is causing puddling and standing water.
.31	Site Furnishings	03/12	0	M	0	See outdoor gathering/ seating areas above.
.32	School Garden	03/12	0	M	0	There is an existing outdoor garden which appears to be utilized effectively and is continually improved by staff and students as time allows.  
.33	Other					
<b>5. Campus Core</b>						
.1	P.O.T./Walks	03/12	4	C	3	Not ADA complaint
.2	Vehicle Access - Fire/Emergency	03/12	-	-	-	N/A
.3	Vehicle Access - Maintenance	03/12	3	M	2	Cracked and need to be slurred
.4	Signage- Identification	03/12	-	-	-	N/A
.5	Fence	03/12	1	M	1	Inconsistent heights, old and rusty
.6	Gates	03/12	1	M	1	
.7	Site Lighting: Type/Condition	03/12	-	-	-	N/A
.8	Site Lighting: Efficiency/ Cut-off	03/12	-	-	-	N/A
.9	Building Mntd Lighting: Type/Condition	03/12	0	M	0	Wall pack and surface canopy lighting in good condition.  

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.10	Building Mtd Lighting: Efficiency/ Cut-off	03/12	2	HP	1	Wall packs are very efficiency but are not cut-off fixtures by code. Surface fixture are efficient.
.11	Lighting Controls Condition	03/12	0	M	0	Lighting controlled by photo cell only.
.12	Lighting Controls Efficiency	03/12	2	HP	1	Lighting controlled by photo cell only, no timed off lighting fixtures per code.
.13	Outdoor Gathering Quad	03/12	0	M	0	Outdoor gathering space is shared with the hard court area at the end of the classroom wings. This area has provided adequate seating.
.14	Outdoor Learning Area	03/12	0	M	0	See number 22, Outdoor Leaning Area above.
.15	Trees for Building & Courtyard Shading - Condition	03/12	2	M	1	The tree in the building courtyards are in good to fair condition.
.16	Trees for Building & Courtyard Shading - Adequacy	03/12	4	HP	1	Currently there exist some mature trees and some recent new additions. Shade is inadequate, more trees could still be provided to shade the courtyard and buildings.
						
.17	Planting-Shrub/Grndcvr Condition	03/12	3	M	1	Ninety percent of the campus core is turf. There has been an attempt by the school to introduce additional planting on the campus. Turf coverage is about 75% with a few bare spots but there are a lot of weeds in the turf. Signs of some settling and compaction.
.18	Planting-Shrub/Grndcvr Adequacy	03/12	3	HP	1	Planting is inadequate. Current planting practices don't meet AB 1881 requirements.
.19	Irrigation Condition	03/12	4	M	2	There exist a mix of systems with old and new heads with the old heads being replaced after failure. All valves are manual.
.20	Irrigation Efficiency	03/12	4	HP	2	Irrigation systems are inefficient. As old heads fail and are replaced with new heads, often the head radius is shorter than the previous head or requires more pressure than is available. Current system design doesn't meet AB 1881 requirements.
.21	Storm Water Drainage	03/12	2	M	1	Storm water leaders drain directly into landscape planters.





Scope		Date	Repair / Replace Level	Category	Urgency Score	
.22	Site Furnishings	03/12	0	M	0	<p>Original benches attached to building classroom wings. These benches are in good condition.</p> 
.23	Other					
<b>6. Utilities / Infrastructure</b>						
.1	Fire Service / Hydrants	03/12	0	C	0	Recently installed near admin and kinder
.2	Irrigation POC (meter & BFU)	03/12	4	C	3	The irrigation system is connected to the domestic water supply and must be separated. A backflow preventer and water meter were present.
.3	Irrigation Controls	03/12	4	M	2	Rainbird ESP irrigation controller services the ball fields only, the rest of the campus is operated with manual valves.
.4	Other					

### CHPS SUMMARY: WATER EFFICIENCY

Credit # / Title		Eligible Points	Actual Points	Notes
				<b>Eligible Points:</b> P- Prerequisite (Required), 1+ Per CHPS <b>Actual Points:</b> Per Assessment
<b>1. Outdoor Systems</b>				
WE1.0	Create Water Use Budget	P	P	<i>Intent:</i> To prevent excessive water use for irrigation.
WE1.1	Reduce Potable Water for Use for Non-Recreational Landscaping Area	1-2	0	<i>Intent:</i> Reduce or eliminate potable water use for landscape irrigation.
WE1.2	Reduce Potable Water for Recreational Area Landscaping	1	0	<i>Intent:</i> Reduce or eliminate potable water use for irrigating recreational areas.
WE1.3	Irrigation System Testing and Training	1	0	<i>Intent:</i> Verify that the sites irrigation systems and controls are operating as intended and that effective training has been provided.
<b>2. Indoor Systems</b>				
WE2.1	Reduce Sewage Conveyance from Toilets and Urinals	2	0	<i>Intent:</i> Reduce wastewater generated and/or the amount of potable water used for sewage conveyance.
WE2.2	Reduce Indoor Potable Water Use	1-2	0	<i>Intent:</i> Reduce the use of indoor potable water.
<b>3. Water Efficiency</b>				
WE3.1	Water Management System	1	0	<i>Intent:</i> Provide ongoing accountability and optimization of the building and site water performance over time.
<b>CHPS- Sustainable Sites: Summary</b>				
	<b>Eligible Points</b>	<b>9</b>	<b>0</b>	<b>Actual Points</b>




**WATER EFFICIENCY**

Scope	Date	Repair / Replace Level	Category	Urgency Score	
<p><b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch &amp; Repair, 0-No observed need to replace, repair or patch  <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation  <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>					
<b>Campus Systems</b>					
<b>1. Site Utilities &amp; Infrastructure</b>					
.1 Domestic Water Service: BFP	03/12	0	M	0	Existing 3" metered water service with reduced pressure backflow device found at west perimeter of the site. 
.2 Domestic Water Service: Other	03/12	4	M	3	Existing hose bib at grade. Cover missing, filled with dirt and should not be used without back flow prevention. These should be replaced with new wall mounted hose bibs with vacuum breakers. Suggest 1/2 dozen new hose bibs around campus could be needed. 
.3 Fire Protection: BFP	03/12	-	-	-	N/A
.4 Fire Protection: FDC	03/12	-	-	-	N/A
.5 Fire Protection: PIV	03/12	-	-	-	N/A
.6 Fire Protection: Other	03/12	-	-	-	N/A
.7 Sanitary Sewer: Condition	03/12	0	M	0	Unknown



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.8	Sanitary Sewer: Other	03/12	-	-	-	N/A
.9	Drinking Fountain: Condition	03/12	0	M	0	Exterior ADA hi/lo drinking fountains and some gang drinking fountains in good condition.
.10	Drinking Fountain: Efficiency	03/12	0	M	0	Ok.
.11	Other					
<b>Building - Administration</b>						
<b>1. Plumbing Systems</b>						
.1	Sink Condition	03/12	0	M	0	Good condition.
.2	Sink Efficiency	03/12	0	HP	0	Estimated at 2.0 gpm.
.3	Lavatories Condition	03/12	2	C	3	Some aerators missing and wrap on hot water supply and waste missing, for roughly half the fixtures.
.4	Lavatories Efficiency	03/12	2	HP	2	Estimated at 2.0 gpm, but some flow controller missing.
.5	Urinals Condition	03/12	-	-	-	N/A
.6	Urinals Efficiency	03/12	-	-	-	N/A
.7	Water Closets Condition	03/12	0	M	0	Good condition.
.8	Water Closets Efficiency	03/12	0	HP	0	1.6 gallons per flush.
.9	Showers Condition	03/12	-	-	-	N/A
.10	Showers Efficiency	03/12	-	-	-	N/A
.11	Drinking Fountain Cond	03/12	-	-	-	N/A
.12	Drinking Fountain Effic	03/12	-	-	-	N/A
.13	Floor Sinks	03/12	-	-	-	N/A
.14	Floor Drains	03/12	0	M	0	Gutter downspout system
.15	Gas Distribution	03/12	-	-	-	N/A
.16	Roof Drain / Overflow	03/12	4	C	3	There is a water heater with T&P relief pipe discharge straight onto slab floor. Route either outdoors or down into drain outlet of nearby floor sink.
.17	Condensate Drain	03/12	0	M	0	
.18	Other					
<b>2. Specialty Systems</b>						
.1	Acid Neutralization / Separation	03/12	-	-	-	N/A
.2	Clay Separation	03/12	-	-	-	N/A
.3	Other	03/12	-	-	-	N/A
<b>3. Fire Protection Systems</b>						
.1	Fire Systems	03/12	4	C	3	Existing storage rooms and custodial closets are not equipped with partial systems providing sprinkler heads.
.2	Other	03/12	-	-	-	N/A

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<b>Building - Multipurpose</b>						
<b>1. Plumbing Systems</b>						
.1	Sink Condition	03/12	-	-	-	N/A
.2	Sink Efficiency	03/12	-	-	-	N/A
.3	Lavatories Condition	03/12	-	-	-	N/A
.4	Lavatories Efficiency	03/12	-	-	-	N/A
.5	Urinals Condition	03/12	-	-	-	N/A
.6	Urinals Efficiency	03/12	-	-	-	N/A
.7	Water Closets Condition	03/12	-	-	-	N/A
.8	Water Closets Efficiency	03/12	-	-	-	N/A
.9	Showers Condition	03/12	-	-	-	N/A
.10	Showers Efficiency	03/12	-	-	-	N/A
.11	Drinking Fountain Cond	03/12	0	M	0	Ok, outside on wall.
.12	Drinking Fountain Effic	03/12	0	HP	0	Unknown
.13	Floor Sinks	03/12	-	-	-	N/A
.14	Floor Drains	03/12	-	-	-	N/A
.15	Gas Distribution	03/12	-	-	-	N/A
.16	Roof Drain / Overflow	03/12	0	M	0	Gutter and downspout system.
.17	Condensate Drain	03/12	-	-	-	N/A
.18	Other	03/12	-	-	-	N/A
<b>2. Specialty Systems</b>						
.1	Acid Neutralization / Separation	03/12	-	-	-	N/A
.2	Clay Separation	03/12	-	-	-	N/A
.3	Other	03/12	-	-	-	N/A
<b>3. Fire Protection Systems</b>						
.1	Fire Systems	03/12	4	C	3	Existing storage rooms and custodial closets are not equipped with partial systems providing sprinkler heads.
.2	Other	03/12	-	-	-	N/A
<b>Building - Kitchen</b>						
<b>1. Plumbing Systems</b>						
.1	Sink Condition	03/12	4	C	3	Condition of stainless steel sinks is good; but the waste from the food washing sink is a direct waste connection to sewer. This needs to be an indirect waste connection.
.2	Sink Efficiency	03/12	0	HP	0	Unknown.
.3	Lavatories Condition	03/12	2	C	3	Lav in kitchen restroom in good condition. Hot and cold water. Need wrap on hot water and waste. Room is not ADA accessible. There is no dedicated ADA hand wash lav so need to provide new.
.4	Lavatories Efficiency	03/12	0	HP	0	Non metered faucet.
.5	Urinals Condition	03/12	-	-	-	N/A

<b>Scope</b>		<b>Date</b>	<b>Repair / Replace Level</b>	<b>Category</b>	<b>Urgency Score</b>	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.6	Urinals Efficiency	03/12	-	-	-	N/A
.7	Water Closets Condition	03/12	2	C	1	Good Condition. Tank type. Toilet height is lower than 17" height.
.8	Water Closets Efficiency	03/12	0	HP	0	1.6 gallons per flush.
.9	Showers Condition	03/12	-	-	-	N/A
.10	Showers Efficiency	03/12	-	-	-	N/A
.11	Drinking Fountain Cond	03/12	-	-	-	N/A
.12	Drinking Fountain Effic	03/12	-	-	-	N/A
.13	Floor Sinks	03/12	0	M	0	Ok.
.14	Floor Drains	03/12	0	M	0	Ok.
.15	Gas Distribution	03/12	4	C	3	Gas is routed from outdoors underslab to rise through slab at equipment. This needs to be discontinued and new gas should be routed from overhead. 
.16	Roof Drain / Overflow	03/12	0	M	0	Gutter downspout system
.17	Condensate Drain	03/12	0	M	0	Galvanized iron piped system on roof from each AC unit.
.18	Other	03/12	4	HP	1	Kitchen served by existing electric 80 gallon water heater that appears in good shape and not too old. Replacement with high efficiency condensing type water heater should be considered with next renovation. A new location would be necessary to fit a new c
<b>2. Specialty Systems</b>						
.1	Acid Neutralization / Separation	03/12	-	-	-	N/A
.2	Clay Separation	03/12	-	-	-	N/A
.3	Other	03/12	0	M	0	There is a grease interceptor in kitchen floor which appears to be a 40 lb; 20 gpm unit.
<b>3. Fire Protection Systems</b>						
.1	Fire Systems	03/12	4	C	3	Custodial closet does not have a sprinkler head.
.2	Other	03/12	-	-	-	N/A



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<b>Building -Stage</b>					
<b>1. Plumbing Systems</b>					
.1	Sink Condition	03/12	-	-	- N/A
.2	Sink Efficiency	03/12	-	-	- N/A
.3	Lavatories Condition	03/12	-	-	- N/A
.4	Lavatories Efficiency	03/12	-	-	- N/A
.5	Urinals Condition	03/12	-	-	- N/A
.6	Urinals Efficiency	03/12	-	-	- N/A
.7	Water Closets Condition	03/12	-	-	- N/A
.8	Water Closets Efficiency	03/12	-	-	- N/A
.9	Showers Condition	03/12	-	-	- N/A
.10	Showers Efficiency	03/12	-	-	- N/A
.11	Drinking Fountain Cond	03/12	-	-	- N/A
.12	Drinking Fountain Effic	03/12	-	-	- N/A
.13	Floor Sinks	03/12	-	-	- N/A
.14	Floor Drains	03/12	-	-	- N/A
.15	Gas Distribution	03/12	-	-	- N/A
.16	Roof Drain / Overflow	03/12	-	-	- N/A
.17	Condensate Drain	03/12	-	-	- N/A
.18	Other	03/12	-	-	- N/A
<b>2. Specialty Systems</b>					
.1	Acid Neutralization / Separation	03/12	-	-	- N/A
.2	Clay Separation	03/12	-	-	- N/A
.3	Other	03/12	-	-	- N/A
<b>3. Fire Protection Systems</b>					
.1	Fire Systems	03/12	-	-	- N/A
.2	Other	03/12	-	-	- N/A
<b>Building - Staff Restrooms</b>					
<b>1. Plumbing Systems</b>					
.1	Sink Condition	03/12	-	-	- N/A
.2	Sink Efficiency	03/12	-	-	- N/A
.3	Lavatories Condition	03/12	0	M	0 Good condition. Hot and cold water faucets.
.4	Lavatories Efficiency	03/12	0	HP	0 Metering faucets at most staff restrooms.
.5	Urinals Condition	03/12	-	-	- N/A
.6	Urinals Efficiency	03/12	-	-	- N/A
.7	Water Closets Condition	03/12	0	M	0 Good condition flush valve floor mount.
.8	Water Closets Efficiency	03/12	0	HP	0 1.6 gallons per flush.
.9	Showers Condition	03/12	-	-	- N/A
.10	Showers Efficiency	03/12	-	-	- N/A

Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.11	Drinking Fountain Cond	03/12	-	-	-	N/A
.12	Drinking Fountain Effic	03/12	-	-	-	N/A
.13	Floor Sinks	03/12	1	M	1	There are two old boiler rooms where there are abandon unused floor sinks. These should be removed and floors patched.
.14	Floor Drains	03/12	-	-	-	N/A
.15	Gas Distribution	03/12	-	-	-	N/A
.16	Roof Drain / Overflow	03/12	-	-	-	N/A
.17	Condensate Drain	03/12	-	-	-	N/A
.18	Other	03/12	-	-	-	N/A
<b>2. Specialty Systems</b>						
.1	Acid Neutralization / Separation	03/12	-	-	-	N/A
.2	Clay Separation	03/12	-	-	-	N/A
.3	Other	03/12	-	-	-	N/A
<b>3. Fire Protection Systems</b>						
.1	Fire Systems	03/12	4	C	3	Closets and old boiler rooms are not equipped with partial system with one or two heads in each room off the domestic water system.
.2	Other	03/12	-	-	-	N/A
<b>Building - Student Restrooms</b>						
<b>1. Plumbing Systems</b>						
.1	Sink Condition	03/12	-	-	-	N/A
.2	Sink Efficiency	03/12	-	-	-	N/A
.3	Lavatories Condition	03/12	0	M	0	Good condition ADA compliant.
.4	Lavatories Efficiency	03/12	2	HP	1	Metered faucets. Many show 0.5 gpm. About half could use new aerators.
.5	Urinals Condition	03/12	0	M	0	Good condition ADA compliant.
.6	Urinals Efficiency	03/12	0	HP	0	1.0 gallons per flush
.7	Water Closets Condition	03/12	0	M	0	Good condition ADA compliant.
.8	Water Closets Efficiency	03/12	0	HP	0	1.6 gallons per flush.
.9	Showers Condition	03/12	-	-	-	N/A
.10	Showers Efficiency	03/12	-	-	-	N/A
.11	Drinking Fountain Cond	03/12	0	M	0	Good condition. These are generally found on exterior walls near the student restrooms.
.12	Drinking Fountain Effic	03/12	0	HP	0	Unknown
.13	Floor Sinks	03/12	-	-	-	N/A
.14	Floor Drains	03/12	3	C	2	There are access panels at some walls and others not; so it is hard to tell whether trap primers serve the floor drains. These were not required in years past as long as a hose bib could be used to prime traps. Hose bibs at these restrooms have no vacuum breaker

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.15 Gas Distribution	03/12	-	-	-	N/A
.16 Roof Drain / Overflow	03/12	-	-	-	N/A
.17 Condensate Drain	03/12	-	-	-	N/A
.18 Other	03/12	4	M	3	Hose bibs in restrooms need vacuum breakers.
<b>2. Specialty Systems</b>					
.1 Acid Neutralization / Separation	03/12	-	-	-	N/A
.2 Clay Separation	03/12	-	-	-	N/A
.3 Other	03/12	-	-	-	N/A
<b>3. Fire Protection Systems</b>					
.1 Fire Systems	03/12	-	-	-	N/A
.2 Other	03/12	-	-	-	N/A
<b>Building - Permanent Classrooms</b>					
<b>1. Plumbing Systems</b>					
.1 Sink Condition	03/12	0	M	0	Good condition.
.2 Sink Efficiency	03/12	0	HP	0	2.0 gpm.
.3 Lavatories Condition	03/12	-	-	-	N/A
.4 Lavatories Efficiency	03/12	-	-	-	N/A
.5 Urinals Condition	03/12	-	-	-	N/A
.6 Urinals Efficiency	03/12	-	-	-	N/A
.7 Water Closets Condition	03/12	-	-	-	N/A
.8 Water Closets Efficiency	03/12	-	-	-	N/A
.9 Showers Condition	03/12	-	-	-	N/A
.10 Showers Efficiency	03/12	-	-	-	N/A
.11 Drinking Fountain Cond	03/12	0	M	0	Bubblers in good condition.
.12 Drinking Fountain Effic	03/12	0	HP	0	Unknown
.13 Floor Sinks	03/12	-	-	-	N/A
.14 Floor Drains	03/12	-	-	-	N/A
.15 Gas Distribution	03/12	0	M	0	From overhead to serve each furnace/Ace unit.
.16 Roof Drain / Overflow	03/12	0	M	0	Gutter downspout system.
.17 Condensate Drain	03/12	0	M	0	Believed to be routed to sink tailpiece, some pumped.
.18 Other	03/12	-	-	-	N/A
<b>2. Specialty Systems</b>					
.1 Acid Neutralization / Separation	03/12	-	-	-	N/A
.2 Clay Separation	03/12	-	-	-	N/A
.3 Other	03/12	-	-	-	N/A
<b>3. Fire Protection Systems</b>					
.1 Fire Systems	03/12	-	-	-	N/A
.2 Other	03/12	-	-	-	N/A



Scope	Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch	
<b>Building - Library</b>						
<b>1. Plumbing Systems</b>						
.1	Sink Condition	03/12	0	M	0	Good condition.
.2	Sink Efficiency	03/12	0	HP	0	2.0 gpm.
.3	Lavatories Condition	03/12	-	-	-	N/A
.4	Lavatories Efficiency	03/12	-	-	-	N/A
.5	Urinals Condition	03/12	-	-	-	N/A
.6	Urinals Efficiency	03/12	-	-	-	N/A
.7	Water Closets Condition	03/12	-	-	-	N/A
.8	Water Closets Efficiency	03/12	-	-	-	N/A
.9	Showers Condition	03/12	-	-	-	N/A
.10	Showers Efficiency	03/12	-	-	-	N/A
.11	Drinking Fountain Cond	03/12	0	M	0	Bubblers in good condition.
.12	Drinking Fountain Effic	03/12	0	HP	0	Unknown
.13	Floor Sinks	03/12	-	-	-	N/A
.14	Floor Drains	03/12	-	-	-	N/A
.15	Gas Distribution	03/12	0	M	0	From overhead to furnace/Ace unit.
.16	Roof Drain / Overflow	03/12	0	M	0	Gutter downspout system.
.17	Condensate Drain	03/12	0	M	0	Believed to be routed to sink tailpiece, some pumped.
.18	Other	03/12	-	-	-	N/A
<b>2. Specialty Systems</b>						
.1	Acid Neutralization / Separation	03/12	-	-	-	N/A
.2	Clay Separation	03/12	-	-	-	N/A
.3	Other	03/12	-	-	-	N/A
<b>3. Fire Protection Systems</b>						
.1	Fire Systems	03/12	-	-	-	N/A
.2	Other	03/12	-	-	-	N/A
<b>Building - Portable Classrooms - Older</b>						
<b>1. Plumbing Systems</b>						
.1	Sink Condition	03/12	2	M	1	Good condition but old. ADA accessibility is questionable.
.2	Sink Efficiency	03/12	0	HP	0	2.0 gpm.
.3	Lavatories Condition	03/12	-	-	-	N/A
.4	Lavatories Efficiency	03/12	-	-	-	N/A
.5	Urinals Condition	03/12	-	-	-	N/A
.6	Urinals Efficiency	03/12	-	-	-	N/A
.7	Water Closets Condition	03/12	-	-	-	N/A
.8	Water Closets Efficiency	03/12	-	-	-	N/A
.9	Showers Condition	03/12	-	-	-	N/A

Scope	Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.10 Showers Efficiency	03/12	-	-	-	N/A
.11 Drinking Fountain Cond	03/12	0	M	0	Bubblers in good condition.
.12 Drinking Fountain Effic	03/12	0	HP	0	Unknown
.13 Floor Sinks	03/12	-	-	-	N/A
.14 Floor Drains	03/12	-	-	-	N/A
.15 Gas Distribution	03/12	0	M	0	Serves each furnace unit.
.16 Roof Drain / Overflow	03/12	0	M	0	Gutter downspout system.
.17 Condensate Drain	03/12	0	M	0	To grade from wall units.
.18 Other	03/12	-	-	-	N/A
<b>2. Specialty Systems</b>					
.1 Acid Neutralization / Separation	03/12	-	-	-	N/A
.2 Clay Separation	03/12	-	-	-	N/A
.3 Other	03/12	-	-	-	N/A
<b>3. Fire Protection Systems</b>					
.1 Fire Systems	03/12	-	-	-	N/A
.2 Other	03/12	-	-	-	N/A
<b>Building - Portable Classrooms - Newer</b>					
<b>1. Plumbing Systems</b>					
.1 Sink Condition	03/12	0	M	0	Good condition.
.2 Sink Efficiency	03/12	0	HP	0	2.0 gpm.
.3 Lavatories Condition	03/12	-	-	-	N/A
.4 Lavatories Efficiency	03/12	-	-	-	N/A
.5 Urinals Condition	03/12	-	-	-	N/A
.6 Urinals Efficiency	03/12	-	-	-	N/A
.7 Water Closets Condition	03/12	-	-	-	N/A
.8 Water Closets Efficiency	03/12	-	-	-	N/A
.9 Showers Condition	03/12	-	-	-	N/A
.10 Showers Efficiency	03/12	-	-	-	N/A
.11 Drinking Fountain Cond	03/12	0	M	0	Bubblers in good condition.
.12 Drinking Fountain Effic	03/12	0	HP	0	Unknown
.13 Floor Sinks	03/12	-	-	-	N/A
.14 Floor Drains	03/12	-	-	-	N/A
.15 Gas Distribution	03/12	-	-	-	N/A
.16 Roof Drain / Overflow	03/12	0	M	0	Gutter downspout system.
.17 Condensate Drain	03/12	0	M	0	To grade from wall units.
.18 Other	03/12	-	-	-	N/A

Scope	Date	Repair / Replace Level	Category	Urgency Score		
<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch						
<b>2. Specialty Systems</b>						
.1	Acid Neutralization / Separation	03/12	-	-	-	N/A
.2	Clay Separation	03/12	-	-	-	N/A
.3	Other	03/12	-	-	-	N/A
<b>3. Fire Protection Systems</b>						
.1	Fire Systems	03/12	-	-	-	N/A
.2	Other	03/12	-	-	-	N/A
<b>Building - Kindergarten</b>						
<b>1. Plumbing Systems</b>						
.1	Sink Condition	03/12	4	M	3	Classroom sink good condition. There is a teachers sink with water heater underneath which is non ADA and not safe from kids.
.2	Sink Efficiency	03/12	0	HP	0	2.0 gpm flow.
.3	Lavatories Condition	03/12	0	M	0	Good condition.
.4	Lavatories Efficiency	03/12	0	HP	0	2.0 gpm flow.
.5	Urinals Condition	03/12	-	-	-	N/A
.6	Urinals Efficiency	03/12	-	-	-	N/A
.7	Water Closets Condition	03/12	0	M	0	Good condition.
.8	Water Closets Efficiency	03/12	0	HP	0	1.6 gallons per flush.
.9	Showers Condition	03/12	-	-	-	N/A
.10	Showers Efficiency	03/12	-	-	-	N/A
.11	Drinking Fountain Cond	03/12	-	-	-	N/A
.12	Drinking Fountain Effic	03/12	-	-	-	N/A
.13	Floor Sinks	03/12	-	-	-	N/A
.14	Floor Drains	03/12	-	-	-	N/A
.15	Gas Distribution	03/12	0	M	0	From overhead to furnace units.
.16	Roof Drain / Overflow	03/12	0	M	0	Gutter and downspout system
.17	Condensate Drain	03/12	0	M	0	Pumped condensate believed to be routed to sink tailpiece.
.18	Other	03/12	-	-	-	N/A
<b>2. Specialty Systems</b>						
.1	Acid Neutralization / Separation	03/12	-	-	-	N/A
.2	Clay Separation	03/12	-	-	-	N/A
.3	Other	03/12	-	-	-	N/A
<b>3. Fire Protection Systems</b>						
.1	Fire Systems	03/12	-	-	-	N/A
.2	Other	03/12	-	-	-	N/A



Scope	Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch	
<b>Building - Portable 4R</b>						
<b>1. Plumbing Systems</b>						
.1	Sink Condition	03/12	0	M	0	Good condition
.2	Sink Efficiency	03/12	0	M	0	Estimate 2.0 gpm
.3	Lavatories Condition	03/12	0	M	0	Good condition
.4	Lavatories Efficiency	03/12	0	HP	0	Estimate 2.0
.5	Urinals Condition	03/12	-	-	-	N/A
.6	Urinals Efficiency	03/12	-	-	-	N/A
.7	Water Closets Condition	03/12	0	M	0	Good condition
.8	Water Closets Efficiency	03/12	0	HP	0	1.6 gallons per flush.
.9	Showers Condition	03/12	-	-	-	N/A
.10	Showers Efficiency	03/12	-	-	-	N/A
.11	Drinking Fountain Cond	03/12	0	M	0	Good condition
.12	Drinking Fountain Effic	03/12	0	HP	0	Unknown
.13	Floor Sinks	03/12	-	-	-	N/A
.14	Floor Drains	03/12	-	-	-	N/A
.15	Gas Distribution	03/12	-	-	-	N/A
.16	Roof Drain / Overflow	03/12	0	M	0	Gutter downspout system.
.17	Condensate Drain	03/12	0	M	0	Drops to grade.
.18	Other	03/12	4	C	3	Hose bib outside on cold water riser does not have vacuum breaker
<b>2. Specialty Systems</b>						
.1	Acid Neutralization / Separation	03/12	-	-	-	N/A
.2	Clay Separation	03/12	-	-	-	N/A
.3	Other	03/12	-	-	-	N/A
<b>3. Fire Protection Systems</b>						
.1	Fire Systems	03/12	-	-	-	N/A
.2	Other	03/12	-	-	-	N/A



**CHPS SUMMARY: ENERGY & ATMOSPHERE**

Credit # / Title	Eligible Points	Actual Points	Notes:
<b>Eligible Points:</b> P- Prerequisite (Required), 1+ Per CHPS <b>Actual Points:</b> Per Assessment			

**1. Energy Efficiency**

EE1.0	Minimum Energy Performance	P	P	<i>Intent:</i> Establish a minimum energy efficiency level.
EE1.1	Superior Energy Performance	1-15	0	<i>Intent:</i> Exceed the minimum energy performance beyond the prerequisite.
EE1.2	Energy Conservation Interlocks	1	0	<i>Intent:</i> Conserve energy loss through building openings with the use of interlocks connected to the HVAC system.
EE1.3	Natural Ventilation	3-4	0	<i>Intent:</i> Maximize natural ventilation (without mechanical cooling systems) by relying on outside air movement through classroom buildings.
EE1.4	Energy Management Systems	1-2	1	<i>Intent:</i> Provide ongoing accountability and optimization of the building energy performance over time.

**2. Alternate Energy Sources**

EE2.1	On-site Renewable Energy	1-5	0	<i>Intent:</i> Encourage on-site energy production with renewable sources.
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**3. Commissioning & Training**

EE3.0	Fundamental Commissioning	P	P	<i>Intent:</i> Verify that the building energy systems are designed, installed, calibrated and perform as intended and that effective training has been provided.
EE3.1	Enhanced Commissioning	1-2	0	<i>Intent:</i> Verify that the buildings energy systems are designed, installed, calibrated to perform as intended.



**CHPS- Sustainable Sites: Summary**


<b>Eligible Points</b>	<b>29</b>	<b>1</b>	<b>Actual Points</b>
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## ENERGY & ATMOSPHERE

Scope	Date	Repair / Replace Level	Category	Urgency Score	<p><b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch &amp; Repair, 0-No observed need to replace, repair or patch</p> <p><b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p><b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
<b>Site Utilities &amp; Infrastructure</b>					
<b>1. Central Plant</b>					
.1	Boiler: Condition	03/12	-	-	- NA
.2	Boiler: Efficiency	03/12	-	-	- NA
.3	Chiller: Condition	03/12	-	-	- NA
.4	Chiller: Efficiency	03/12	-	-	- NA
.5	Other	03/12	-	-	- NA
<b>Building - Administration</b>					
<b>1. HVAC Systems</b>					
.1	Equipment: Condition	03/12	2	C	2 Three Existing package gas heat/ electric cooling AC units with on roof. Estimated equipment age unknown, but relatively new and in good condition. One roof top unit has a vent to closed to intake outside air. Recommend relocate vent min 10' away from unit
					
.2	Equipment: Efficiency	03/12	0	HP	0 Existing package unit has R-22 refrigerant of efficiency relevant to time of installation.
.3	Ductwork	03/12	2	M	1 Supply air and return air duct above ceiling. Ceiling and wall supply and return air grilles. Some rooms do not have return air grilles. Recommend to add on if possible.
.4	Ventilation	03/12	0	M	0 Sufficient for min OSA ventilation. Units have power exhaust and economizer integral to units.




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.5 EMS Systems: Condition	03/12	2	M	1	<p>KMC control system for all three systems. Recommend to change to District's Standard controls. It seems it is Johnson Controls.</p> 
.6 EMS Systems: Efficiency	03/12	2	M	1	<p>KMC control system for all three systems. Could not verify if system is able to run economizer. Recommend to verify controls capability of economizer and or change to District's Standard controls.</p>
.7 Other	03/12	2	C	2	<p>Storage Room needs two FSD by code due to air been transfer into room and grille into space.</p>
.8 Other		2	M	1	<p>Two residential ranges in Staff Lounge Room need hood with exhaust to outdoor or hood with self contain hood-filter and recirculating air. Recommend to install hood with exhaust fan thru roof or a self contain residential type hood-filter recirculating un</p> 


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<b>2. Specialty Systems</b>					
.1	Dust Collection	03/12	-	-	- NA
.2	Fume Hoods	03/12	-	-	- NA
.3	Other	03/12	-	-	- NA
<b>3. Alternative Energy Systems</b>					
.1	Geo-Thermal	03/12	-	-	- NA
.2	Solar	03/12	-	-	- NA
.3	Other	03/12	-	-	- NA
<b>Building - Multi-Purpose Room</b>					
<b>1. HVAC Systems</b>					
.1	Equipment: Condition	03/12	0	M	0 Existing package gas heat/ electric cooling AC unit. Estimated equipment age unknown but relatively new and in good condition.
.2	Equipment: Efficiency	03/12	0	HP	0 Existing unit with efficiency relevant to its time of installation.
.3	Ductwork	03/12	0	M	0 Roof exposed supply air duct with above ceiling return air duct. Ceiling and wall supply and return air grilles.
.4	Ventilation	03/12	0	M	0 Sufficient for min OSA ventilation. Units have power exhaust and economizer integral to units.
.5	EMS Systems: Condition	03/12	2	M	1 KMC control system for all three systems. Recommend to change to District's Standard controls. It seems it is Johnson Controls.
					
.6	EMS Systems: Efficiency	03/12	2	M	1 KMC control system. Could not verify if system is able to run economizer. Recommend to verify controls capability of economizer and or change to District's Standard controls.
.7	Other	03/12	-	-	- NA

Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>Building - Kitchen</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	0	M	0	Existing package gas heat/ electric cooling AC unit. Estimated equipment age unknown but relatively new and in good condition.
.2	Equipment: Efficiency	03/12	0	HP	0	Existing unit with efficiency relevant to its time of installation.
.3	Ductwork	03/12	0	M	0	Roof exposed supply air duct with above ceiling return air duct. Ceiling and wall supply and return air grilles.
.4	Ventilation	03/12	0	M	0	Sufficient for min OSA ventilation. Unit has power exhaust and economizer integral to unit.
.5	EMS Systems: Condition	03/12	2	M	1	KMC control system. Recommend to change to District's Standard controls. It seems it is Johnson Controls.
.6	EMS Systems: Efficiency	03/12	2	M	1	KMC control system. Could not verify if system is able to run economizer. Recommend to verify controls capability of economizer and or change to District's Standard controls.
.7	Other	03/12	2	C	2	Janitors Closet does not have exhaust fan. Recommend to install one as needed per code.
.8	Other	03/12	2	C	2	There is no air curtain in the back exit of the kitchen. Recommend to install one as needed per code.
.9	Other	03/12	2	M	1	No supply, return, or transfer air in the storage room within the kitchen area. Recommend to install since it is been occupied by kitchen staff.
.10	Other	03/12	3	C	4	Use of griddle in kitchen requires a fire suppression system and a type I hood. Recommend to verify hood type and install a fire suppression system.





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<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>Building - Stage</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	0	M	0	Stage gets supply air from the Multi-Purpose Room.
.2	Equipment: Efficiency	03/12	0	HP	0	See Multi-Purpose Room.
.3	Ductwork	03/12	0	M	0	Supply air thru duct to Multi-purpose room. Return air thru multi-purpose room.
.4	Ventilation	03/12	0	M	0	See Multi-Purpose Room.
.5	EMS Systems: Condition	03/12	0	M	0	See Multi-Purpose Room.
.6	EMS Systems: Efficiency	03/12	0	M	0	See Multi-Purpose Room.
.7	Other		-	-	-	NA
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>Building - Staff Restrooms</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	2	M	1	Restrooms are not conditioned, they are only exhausted by dedicated ceiling or roof top exhaust fans. One female restroom does not have exhaust fan although it has open able windows. Recommend to install exhaust fan to serve restroom.
.2	Equipment: Efficiency	03/12	0	HP	0	Fans efficiency relevant to their time of installation.
.3	Ductwork	03/12	-	-	-	NA
.4	Ventilation	03/12	0	M	0	Appear to be sufficient.
.5	EMS Systems: Condition	03/12	-	-	-	NA


Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.6	EMS Systems: Efficiency	03/12	-	-	-	NA
.7	Other	03/12	-	-	-	NA
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>Building - Student Restrooms</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	2	M	1	Restrooms are not conditioned, they are only exhausted by dedicated ceiling exhaust fans. 
.2	Equipment: Efficiency	03/12	0	HP	0	Fans efficiency relevant to their time of installation.
.3	Ductwork	03/12	-	-	-	NA
.4	Ventilation	03/12	0	M	0	Appear to be sufficient.
.5	EMS Systems: Condition	03/12	0	M	0	Fan are interlocked with lights. They come on when lights are turned on.
.6	EMS Systems: Efficiency	03/12	-	-	-	NA
.7	Other	03/12	3	C	2	Storage room West of Cr 3 and East of Boys Student restrooms is been used as a wood work classroom. Room does not have any HVAC or exhaust to it. It does not have Ventilation to it. Room needs to be conditioned and have outside air If it is to be continuo

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<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>Building - Permanent Classrooms</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	0	M	0	Existing split systems gas furnaces with electric rooftop ACCUs and condensing Furnaces. Estimated equipment age unknown but relatively new and in good condition. Roof top ACCUs have vandalism guards cages that protects units very well.
.2	Equipment: Efficiency	03/12	0	HP	0	Existing split systems have Puron (R-410) refrigerant and efficiency relevant to their time of installation. Furnaces are condensing type 90%+ efficient.
.3	Ductwork	03/12	2	M	1	In soffit sidewall SA and RA ducts. Some return air grilles have furniture or other objects too close to grill not permitting return air to have free path back to furnaces. Recommend to keep at least 16 inches of free space in front of the return air grill
.4	Ventilation	03/12	0	M	0	Sufficient for min OSA ventilation could not determine if 100% economizer operations are possible.
.5	EMS Systems: Condition	03/12	2	M	1	KMC controls system in good working condition.
						

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.6	EMS Systems: Efficiency	03/12	2	M	1	KMC control system. Could not verify if system is able to run economizer. Recommend to verify controls capability of economizer and change to District's Standard controls.
.7	Other	03/12	-	-	-	NA
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>Building - Library</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	0	M	0	Existing split system condensing gas furnace with electric rooftop ACCU. Estimated equipment age unknown but relatively new and in good condition. Roof top ACCU has a vandalism guards cage that protects unit very well.
.2	Equipment: Efficiency	03/12	0	HP	0	Existing split system has Puron (R-410) refrigerant and efficiency relevant to its time of installation. Furnace is condensing type 90%+ efficient.
.3	Ductwork	03/12	0	M	0	In soffit sidewall SA and RA ducts.
.4	Ventilation	03/12	0	M	0	Sufficient for min OSA ventilation could not determine if 100% economizer operations are possible.
.5	EMS Systems: Condition	03/12	2	M	1	KMC controls system in good working condition.
.6	EMS Systems: Efficiency	03/12	2	M	1	KMC control system. Could not verify if system is able to run economizer. Recommend to verify controls capability of economizer and change to District's Standard controls.
.7	Other	03/12	-	-	-	NA
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA



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<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>Building - Portable Classrooms Older (Cr 13, 14, 15)</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	0	M	0	Existing Gas self standing furnace for heating and window mounted cooling only AC units. Furnaces seem to be relatively old and window units relatively new and both in good condition.
.2	Equipment: Efficiency	03/12	0	HP	0	Existing units with efficiency relevant to their time of installation.
.3	Ductwork	03/12	-	-	-	NA
.4	Ventilation	03/12	0	M	0	No Ventilation air appear to serve the room or system. Open able windows do exist. Adequate size could not be verified.
.5	EMS Systems: Condition	03/12	2	M	1	Old residential type and unit controls.
						 
.6	EMS Systems: Efficiency	03/12	0		0	Recommend to change to District's Standard controls.
.7	Other	03/12	-	-	-	NA
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA


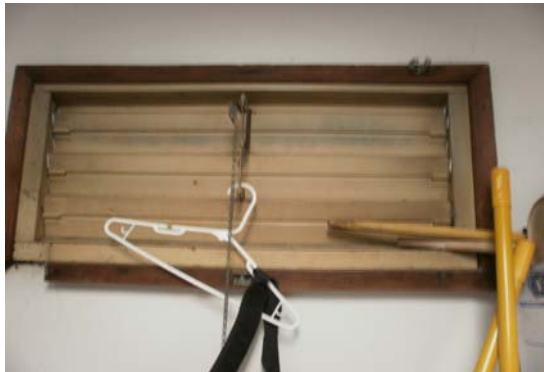
Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
<b>Building - Portable Classrooms Newer (Cr 16, 17, 18)</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	0	M	0	Newer portables have existing wall mounted package heat pumps. Equipment age unknown. Outdoor exposure has weathered the units, but units appear at half life expectancy. Recommendation to continue use and replace units as they expire.
.2	Equipment: Efficiency	03/12	0	HP	0	Existing units with efficiency relevant to their time of installation.
.3	Ductwork	03/12	-	-	-	NA
.4	Ventilation	03/12	0	M	0	Units have minimum OSA opening on them.
.5	EMS Systems: Condition	03/12	2	M	1	Bardd or Honeywell thermostat. 
.6	EMS Systems: Efficiency	03/12	2	HP	1	Recommend to change to District's Standard Control system. It seems to be Johnson Controls.
.7	Other	03/12	-	-	-	NA
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA

Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
<b>Building - Kindergarten</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	0	M	0	Existing split systems gas furnaces with electric rooftop ACCUs and condensing Furnaces. Estimated equipment age unknown but relatively new and in good condition. Roof top ACCUs have vandalism guards cages that protects units very well.
.2	Equipment: Efficiency	03/12	0	HP	0	Existing split systems have Puron (R-410) refrigerant and efficiency relevant to their time of installation. Furnaces are condensing type 90%+ efficient.
.3	Ductwork	03/12	2	M	1	In soffit sidewall SA and RA ducts. Return air grilles have furniture or other objects too close to grill not permitting return air to have free path back to furnaces. Recommend to keep at least 16 inches of free space in front of the return air grilles.
.4	Ventilation	03/12	0	M	0	Sufficient for min OSA ventilation could not determine if 100% economizer operations are possible.
.5	EMS Systems: Condition	03/12	2	M	1	KMC controls system in good working condition.
.6	EMS Systems: Efficiency	03/12	2	M	1	KMC control system. Could not verify if system is able to run economizer. Recommend to verify controls capability of economizer and change to District's Standard controls.
.7	Other	03/12	-	-	-	NA
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>Building - Portable Daycare 4th-R</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	0	M	0	Newest portable has existing roof top gas heating and electric cooling unit of age unknown but relatively new and in good condition.
.2	Equipment: Efficiency	03/12	0	HP	0	Existing unit with efficiency relevant to its time of installation.
.3	Ductwork	03/12	0	M	0	Ductwork above ceiling in good condition.
.4	Ventilation	03/12	0	M	0	Sufficient for min OSA ventilation.

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.5	EMS Systems: Condition	03/12	2	M	1	Bardd or Honeywell. Recommend to change to District's Standard Control system. It seems to be Johnson Controls.
.6	EMS Systems: Efficiency	03/12	2	HP	1	Recommend to verify controls capability of economizer and change to District's Standard controls.
.7	Other	03/12	-	-	-	NA
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>Building - A-Frame Storage Structure</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	0	M	0	Storage room has a Gas heater hanging from structure. It does not have cooling system serving space.
.2	Equipment: Efficiency	03/12	0	HP	0	Existing unit with efficiency relevant to its time of installation.
.3	Ductwork	03/12	-	-	-	N/A
.4	Ventilation	03/12	2	M	1	No ventilation serving space. Recommend to install if space is to be normally occupied.
.5	EMS Systems: Condition	03/12	0	M	0	Thermostat controlled gas furnace.
.6	EMS Systems: Efficiency	03/12	2	M	1	Thermostat is temperature set on/off operation. Recommend to update controls to District's Standard. It appears is Johnson Controls.
.7	Other	03/12	-	-	-	N/A



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<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	N/A
.2	Fume Hoods	03/12	-	-	-	N/A
.3	Other	03/12	-	-	-	N/A
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	N/A
.2	Solar	03/12	-	-	-	N/A
.3	Other	03/12	-	-	-	N/A
<b>Building - Boiler Room #3</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	3	C	2	Storage/Boiler room has a portable kiln. Room has some vent thru roof openings. Kiln may need to be exhausted out to exterior. Recommend to verify with manufacturer to use correctly. Install thru roof vent if needed.
.2	Equipment: Efficiency	03/12	-	-	-	NA
.3	Ductwork	03/12	-	-	-	NA
.4	Ventilation	03/12	2	C	1	No ventilation serving space. Recommend to install if space is to be normally occupied.
.5	EMS Systems: Condition	03/12	2	M	1	Thermostat controlled gas furnace.
.6	EMS Systems: Efficiency	03/12	2	M	1	Thermostat is temperature set on/off operation. Recommend to update controls to District's Standard. It appears is Johnson Controls.
.7	Other	03/12	-	-	-	NA
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA

Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
<b>Building - Plant Manger</b>						
<b>1. HVAC Systems</b>						
.1	Equipment: Condition	03/12	3	C	2	Room does not have HVAC or exhaust fan. There is water heater that does not have combustion air. Recommend to have install low and high combustion air for water heater and bring HVAC into room with outside air into room if room is to be occupied for long   
.2	Equipment: Efficiency	03/12	-	-	-	NA
.3	Ductwork	03/12	-	-	-	NA
.4	Ventilation	03/12	2	C	1	No ventilation serving space. Recommend to install if space is to be normally occupied.
.5	EMS Systems: Condition	03/12	-	-	-	NA
.6	EMS Systems: Efficiency	03/12	-	-	-	NA
.7	Other	03/12	-	-	-	NA
<b>2. Specialty Systems</b>						
.1	Dust Collection	03/12	-	-	-	NA
.2	Fume Hoods	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA
<b>3. Alternative Energy Systems</b>						
.1	Geo-Thermal	03/12	-	-	-	NA
.2	Solar	03/12	-	-	-	NA
.3	Other	03/12	-	-	-	NA



**CHPS SUMMARY: CLIMATE**

Credit # / Title		Eligible Points	Actual Points	Notes:
<p><b>Eligible Points:</b> P- Prerequisite (Required), 1+ Per CHPS  <b>Actual Points:</b> Per Assessment</p>				
<b>1. Greenhouse Gas Emission Reduction</b>				
CL1.1	Climate Change Action	1-3	0	<i>Intent:</i> Encourage the use of measures that reduce school contributions to greenhouse gas emissions from school design and construction projects.
<b>2. Greenhouse Gas Emission Reduction</b>				
CL2.1	Grid Neutral	2	0	<i>Intent:</i> Encourage grid neutral schools to conserve energy, and take advantage of clean, efficient renewable energy solutions.
CL2.2	Zero Net Energy	5	0	<i>Intent:</i> Encourage zero net energy schools to conserve energy, take maximum advantage of clean, efficient renewable energy solutions, and to minimize greenhouse gas emissions from primary energy use associated with buildings, typically space heating and cooling, lighting, water heating, and technology/plug loads, for example.
<b>CHPS- Sustainable Sites: Summary</b>				
<b>Eligible Points</b>		<b>10</b>	<b>0</b>	<b>Actual Points</b>



**CHPS SUMMARY: MATERIALS & RESOURCES**

Credit # / Title	Eligible Points	Actual Points	Notes:
<p><b>Eligible Points:</b> P- Prerequisite (Required), 1+ Per CHPS  <b>Actual Points:</b> Per Assessment</p>			
<b>1. Recycling</b>			
ME1.0	Storage and Collection of Recyclables	P P	<i>Intent:</i> Facilitate the separation and collection of materials for recycling
<b>2. Construction Waste Management</b>			
ME2.0	Minimum Construction Site Waste Management	P n/a	<i>Intent:</i> Divert construction and demolition waste from landfills.
ME2.1	Construction Site Waste Management	1-2 n/a	<i>Intent:</i> Divert the amount of construction and demolition waste beyond the prerequisite (ME2.0).
<b>3. Building Reuse</b>			
ME3.1	Building Reuse - Structure and Shell	1-2 1	<i>Intent:</i> Increase the reuse of existing building structure and shell.
ME3.2	Building Reuse - Interior Non-structural Elements	1 1	<i>Intent:</i> Increase the reuse of interior non-shell elements.
<b>4. Sustainable Materials - Single Attribute</b>			
ME4.1	Recycled Content	1-2 0	<i>Intent:</i> Specify and install recycled content products in order to reduce the environmental impacts associated with extraction and processing of virgin materials.
ME4.2	Rapidly Renewable and Organically Grown Materials	1-2 0	<i>Intent:</i> Specify and install materials that replenish themselves faster than traditional extraction demand and are organically grown.
ME4.3	Certified Wood	1 0	<i>Intent:</i> Specify and install sustainably harvested wood.
ME4.4	Salvaged Materials	1-2 0	<i>Intent:</i> Specify and install salvaged materials to limit waste and the use of raw materials.
<b>5. Sustainable Materials - Multi Attribute</b>			
ME5.1	Environmentally Preferable Products	1-2 0	<i>Intent:</i> Reward the use of sustainable materials by providing a more flexible option.
<b>6. Sustainable Materials - LCIA</b>			
ME6.1	Environmental Performance Reporting	1-4 0	<i>Intent:</i> Reward the use of materials that have undergone life cycle analysis (LCA) and/or life cycle impact analysis (LCIA) on the environment and human health.
<b>CHPS- Sustainable Sites: Summary</b>			
	<b>Eligible Points</b>	<b>18</b>	<b>Actual Points</b>
		<b>2</b>	








**MATERIALS & RESOURCES**

Scope	Date	Repair / Replace Level	Category	Urgency Score	
					<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch

**ELEMENTARY SCHOOL**  
**A. INTERIOR SPACE EVALUATION**  
**1. Administration**


.1	Signage	03/12	4	C	3	Not ADA compliant	
.2	Door Hardware	03/12	0	C	0		
.3	Interior Finishes: Floors Condition	03/12	1	M	1		
.4	Interior Finishes: Floors Aesthetic	03/12	3	HP	1		
.5	Interior Finishes: Walls Condition	03/12	1	M	1		
.6	Interior Finishes: Walls Aesthetic	03/12	0	HP	0		
.7	Interior Finishes: Ceilings Condition	03/12	2	M	1		
.8	Interior Finishes: Ceilings Aesthetic	03/12	0	HP	0		


<b>Scope</b>		<b>Date</b>	<b>Repair / Replace Level</b>	<b>Category</b>	<b>Urgency Score</b>	<b>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch &amp; Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</b>
.9	Interior Finishes: Casework Condition	03/12	4	M	3	Reception counter not ADA compliant
.10	Interior Finishes: Casework Aesthetic	03/12	4	HP	1	Not ADA compliant casework 
.11	Interior Finishes: Acoustics - Condition	03/12	1	M	1	
.12	Interior Finishes Acoustics - Performance	03/12	0	HP	0	
.13	Window Shades: Condition	03/12	0	M	0	
.14	Window Shades: Aesthetic	03/12	0	HP	0	
.15	Other					
<b>2. Kindergarten</b>						
.1	Signage	03/12	4	C	3	Not ADA compliant
.2	Door Hardware	03/12	0	C	0	
.3	Interior Finishes: Floors Condition	03/12	1	M	1	
.4	Interior Finishes: Floors Aesthetic	03/12	4	HP	1	Updated material and color
.5	Interior Finishes: Walls Condition	03/12	1	M	1	
.6	Interior Finishes: Walls Aesthetic	03/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	03/12	2	M	1	
.8	Interior Finishes: Ceilings Aesthetic	03/12	0	HP	0	
.9	Interior Finishes: Casework Condition	03/12	1	M	1	
.10	Interior Finishes: Casework Aesthetic	03/12	0	HP	0	
.11	Interior Finishes: Acoustics - Condition	03/12	0	M	0	



Scope	Date	Repair / Replace Level	Category	Urgency Score	
					<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.12 Interior Finishes Acoustics - Performance	03/12	0	HP	0	
.13 Window Shades: Condition	03/12	1	M	1	
.14 Window Shades: Aesthetic	03/12	4	HP	1	Out-dated and poor color match 
.15 Other					
<b>3. Classrooms</b>					
.1 Signage	03/12	4	C	3	Not ADA compliant
.2 Door Hardware	03/12	0	C	0	
.3 Interior Finishes: Floors Condition	03/12	1	M	1	
.4 Interior Finishes: Floors Aesthetic	03/12	4	HP	1	
.5 Interior Finishes: Walls Condition	03/12	1	M	1	
.6 Interior Finishes: Walls Aesthetic	03/12	0	HP	0	
.7 Interior Finishes: Ceilings Condition	03/12	2	M	1	
.8 Interior Finishes: Ceilings Aesthetic	03/12	0	HP	0	
.9 Interior Finishes: Casework Condition	03/12	1	M	1	
.10 Interior Finishes: Casework Aesthetic	03/12	0	HP	0	
.11 Interior Finishes: Acoustics - Condition	03/12	0	M	0	
.12 Interior Finishes Acoustics - Performance	03/12	0	HP	0	

Scope		Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.13	Window Shades: Condition	03/12	1	M	1	
.14	Window Shades: Aesthetic	03/12	4	HP	1	Update shades
.15	Other					
<b>4. Library</b>						
.1	Signage	03/12	4	C	3	Not ADA compliant
.2	Door Hardware	03/12	0	C	0	
.3	Interior Finishes: Floors Condition	03/12	1	M	1	
.4	Interior Finishes: Floors Aesthetic	03/12	0	HP	0	
.5	Interior Finishes: Walls Condition	03/12	1	M	1	
.6	Interior Finishes: Walls Aesthetic	03/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	03/12	1	M	1	
.8	Interior Finishes: Ceilings Aesthetic	03/12	0	HP	0	
.9	Interior Finishes: Casework Condition	03/12	1	M	1	
.10	Interior Finishes: Casework Aesthetic	03/12	0	HP	0	
.11	Interior Finishes: Acoustics - Condition	03/12	1	M	1	
.12	Interior Finishes Acoustics - Performance	03/12	0	HP	0	
.13	Window Shades: Condition	03/12	1	M	1	
.14	Window Shades: Aesthetic	03/12	4	HP	1	Update window shades
.15	Other					
<b>5. Multipurpose Room</b>						
.1	Signage	03/12	4	C	3	Not ADA compliant
.2	Door Hardware	03/12	1	C	1	
.3	Interior Finishes: Floors Condition	03/12	1	M	1	
.4	Interior Finishes: Floors Aesthetic	03/12	0	HP	0	
.5	Interior Finishes: Walls Condition	03/12	1	M	1	
.6	Interior Finishes: Walls Aesthetic	03/12	0	HP	0	



Scope	Date	Repair / Replace Level	Category	Urgency Score	
					<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.7 Interior Finishes: Ceilings Condition	03/12	2	M	2	Replace water stains on ceiling tiles 
.8 Interior Finishes: Ceilings Aesthetic	03/12	0	HP	0	
.9 Interior Finishes: Casework Condition	03/12	-	-	-	N/A
.10 Interior Finishes: Casework Aesthetic	03/12	-	-	-	N/A
.11 Interior Finishes: Acoustics - Condition	03/12	-	-	-	N/A
.12 Interior Finishes Acoustics - Performance	03/12	-	-	-	N/A
.13 Window Shades: Condition	03/12	-	-	-	N/A
.14 Window Shades: Aesthetic	03/12	-	-	-	N/A
.15 Other					
<b>6. Kitchen</b>					
.1 Signage	03/12	4	C	3	Not ADA compliant
.2 Door Hardware	03/12	1	C	1	
.3 Interior Finishes: Floors Condition	03/12	3	M	1	
.4 Interior Finishes: Floors Aesthetic	03/12	4	HP	1	Update material and color
.5 Interior Finishes: Walls Condition	03/12	1	M	1	
.6 Interior Finishes: Walls Aesthetic	03/12	0	HP	0	
.7 Interior Finishes: Ceilings Condition	03/12	1	M	1	
.8 Interior Finishes: Ceilings Aesthetic	03/12	0	HP	0	
.9 Interior Finishes: Casework Condition	03/12	4	C	3	Not ADA compliant

Scope		Date	Repair / Replace Level	Category	Urgency Score		
		<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch					
.10	Interior Finishes: Casework Aesthetic	03/12	4	HP	1	Update	
.11	Interior Finishes: Acoustics - Condition	03/12	0	M	0		
.12	Interior Finishes Acoustics - Performance	03/12	0	HP	0		
.13	Window Shades: Condition	03/12	-	-	-	N/A	
.14	Window Shades: Aesthetic	03/12	-	-	-	N/A	
.15	Other						
<b>7. Stage</b>							
.1	Signage	03/12	4	C	3	Not ADA compliant	
.2	Door Hardware	03/12	1	C	1		
.3	Interior Finishes: Floors Condition	03/12	2	M	1		
.4	Interior Finishes: Floors Aesthetic	03/12	0	HP	0		
.5	Interior Finishes: Walls Condition	03/12	1	M	1		
.6	Interior Finishes: Walls Aesthetic	03/12	0	HP	0		
.7	Interior Finishes: Ceilings Condition	03/12	1	M	1		
.8	Interior Finishes: Ceilings Aesthetic	03/12	0	HP	0		
.9	Interior Finishes: Casework Condition	03/12	-	-	-	N/A	
.10	Interior Finishes: Casework Aesthetic	03/12	-	-	-	N/A	
.11	Interior Finishes: Acoustics - Condition	03/12	0	M	0		
.12	Interior Finishes Acoustics - Performance	03/12	0	HP	0		

Scope		Date	Repair / Replace Level	Category	Urgency Score	
<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch						
.13	Stage Curtain: Condition	03/12	1	M	1	
.14	Stage Curtain: Aesthetic	03/12	4	HP	1	Update curtain color and material 
.15	Other					
<b>8. Restrooms- Staff</b>						
.1	Signage	03/12	4	C	3	Not ADA compliant
.2	Door Hardware	03/12	1	C	1	
.3	Interior Finishes: Floors Condition	03/12	1	M	1	Modernization completed
.4	Interior Finishes: Floors Aesthetic	03/12	0	HP	0	
.5	Interior Finishes: Walls Condition	03/12	1	M	1	
.6	Interior Finishes: Walls Aesthetic	03/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	03/12	-	-	-	N/A
.8	Interior Finishes: Ceilings Aesthetic	03/12	-	-	-	N/A

Scope	Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.9 Interior Finishes: Casework Condition	03/12	-	-	-	N/A
.10 Interior Finishes: Casework Aesthetic	03/12	-	-	-	N/A
.11 Other					

### 9. Restrooms- Students

.1 Signage	03/12	4	C	3	Not ADA compliant
.2 Door Hardware	03/12	2	C	1	
.3 Interior Finishes: Floors Condition	03/12	1	M	1	Modernization complete
.4 Interior Finishes: Floors Aesthetic	03/12	0	HP	0	
.5 Interior Finishes: Walls Condition	03/12	1	M	1	
.6 Interior Finishes: Walls Aesthetic	03/12	0	HP	0	
.7 Interior Finishes: Ceilings Condition	03/12	1	M	1	
.8 Interior Finishes: Ceilings Aesthetic	03/12	-	-	-	N/A
.9 Interior Finishes: Casework Condition	03/12	-	-	-	N/A
.10 Interior Finishes: Casework Aesthetic	03/12	-	-	-	N/A
.11 Other					

### 10. Utility / Support Spaces

.1 Signage	03/12	4	C	3	Not ADA compliant
.2 Door Hardware	03/12	0	C	0	
.3 Interior Finishes: Floors Condition	03/12	1	M	1	
.4 Interior Finishes: Floors Aesthetic	03/12	0	HP	0	
.5 Interior Finishes: Walls Condition	03/12	1	M	1	
.6 Interior Finishes: Walls Aesthetic	03/12	0	HP	0	

Scope		Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.7	Interior Finishes: Ceilings Condition	03/12	1	M	1	
.8	Interior Finishes: Ceilings Aesthetic	03/12	-	-	-	N/A
.9	Interior Finishes: Casework Condition	03/12	-	-	-	N/A
.10	Interior Finishes: Casework Aesthetic	03/12	-	-	-	N/A
.11	Interior Finishes: Acoustics - Condition	03/12	-	-	-	N/A
.12	Interior Finishes Acoustics - Performance	03/12	-	-	-	N/A
.13	Window Shades: Condition	03/12	-	-	-	N/A
.14	Window Shades: Aesthetic	03/12	-	-	-	N/A
.15	Other					
<b>11. Portables - Classrooms Row #1</b>						
.1	Signage	03/12	4	C	3	Not ADA compliant
.2	Door Hardware	03/12	0	C	0	
.3	Interior Finishes: Floors Condition	03/12	1	M	1	
.4	Interior Finishes: Floors Aesthetic	03/12	0	HP	0	
.5	Interior Finishes: Walls Condition	03/12	1	M	1	
.6	Interior Finishes: Walls Aesthetic	03/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	03/12	1	M	1	
.8	Interior Finishes: Ceilings Aesthetic	03/12	0	HP	0	
.9	Interior Finishes: Casework Condition	03/12	-	-	-	N/A
.10	Interior Finishes: Casework Aesthetic	03/12	-	-	-	N/A
.11	Interior Finishes: Acoustics - Condition	03/12	-	-	-	N/A
.12	Interior Finishes Acoustics - Performance	03/12	-	-	-	N/A



Scope	Date	Repair / Replace Level	Category	Urgency Score	
					<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.13 Window Shades: Condition	03/12	-	-	-	N/A
.14 Window Shades: Aesthetic	03/12	-	-	-	N/A
.15 Other					

**12. Portables - Classrooms Row #2**

.1 Signage	03/12	4	C	3	Not ADA compliant
.2 Door Hardware	03/12	0	C	0	
.3 Interior Finishes: Floors Condition	03/12	1	M	1	
.4 Interior Finishes: Floors Aesthetic	03/12	0	HP	0	
.5 Interior Finishes: Walls Condition	03/12	1	M	1	
.6 Interior Finishes: Walls Aesthetic	03/12	0	HP	0	
.7 Interior Finishes: Ceilings Condition	03/12	1	M	1	
.8 Interior Finishes: Ceilings Aesthetic	03/12	0	HP	0	
.9 Interior Finishes: Casework Condition	03/12	1	M	1	
.10 Interior Finishes: Casework Aesthetic	03/12	0	HP	0	
.11 Interior Finishes: Acoustics - Condition	03/12	-	-	-	N/A
.12 Interior Finishes Acoustics - Performance	03/12	-	-	-	N/A
.13 Window Shades: Condition	03/12	-	-	-	N/A
.14 Window Shades: Aesthetic	03/12	-	-	-	N/A
.15 Other	03/12	4	M	3	Drainage issue, ponding water at rear of building

**13. Portable Classroom 4th R**

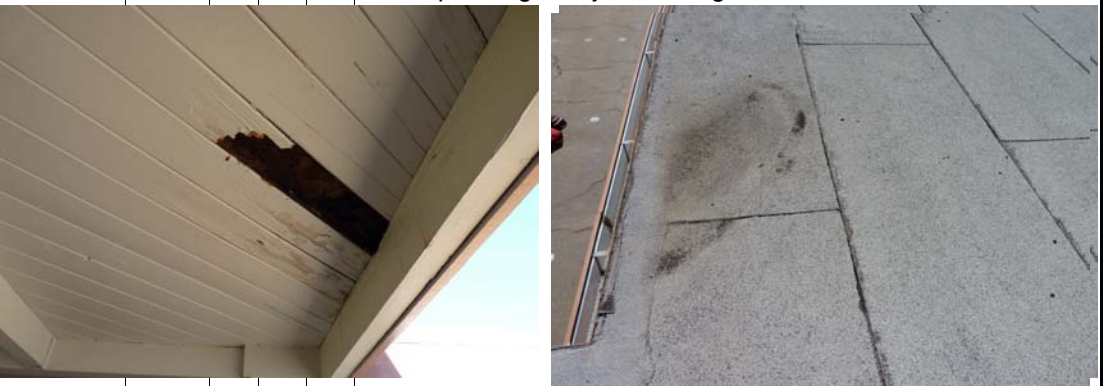
.1 Signage	03/12	4	C	3	Not ADA compliant
.2 Door Hardware	03/12	1	C	1	
.3 Interior Finishes: Floors Condition	03/12	1	M	1	
.4 Interior Finishes: Floors Aesthetic	03/12	4	HP	1	
.5 Interior Finishes: Walls Condition	03/12	1	M	1	



Scope	Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.6 Interior Finishes: Walls Aesthetic	03/12	0	HP	0	
.7 Interior Finishes: Ceilings Condition	03/12	1	M	1	
.8 Interior Finishes: Ceilings Aesthetic	03/12	0	HP	0	
.9 Interior Finishes: Casework Condition	03/12	1	M	1	
.10 Interior Finishes: Casework Aesthetic	03/12	0	HP	0	
.11 Interior Finishes: Acoustics - Condition	03/12	0	M	0	
.12 Interior Finishes Acoustics - Performance	03/12	0	HP	0	
.13 Window Shades: Condition	03/12	0	M	0	
.14 Window Shades: Aesthetic	03/12	0	HP	0	
.15 Other					


## B. EXTERIOR FINISH EVALUATION


### B. EXTERIOR FINISH EVALUATION

#### 1. Building: Administration & Kindergarten

.1 Roof: Condition	03/12	4	M	3	Dry rot roof failure pending, safety concerns
.2 Roof: Performance	03/12	4	HP	3	Water ponding in dry rot ceiling areas
					
.3 Skylights	03/12	-	-	-	N/A
.4 Walls / Finishes	03/12	1	M	1	
.5 Soffits / Overhangs	03/12	1	M	1	
.6 Gutters / Downspouts	03/12	1	M	1	
.7 Doors	03/12	1	M	1	
.8 Window Systems: Condition	03/12	1	M	1	Single glazed

Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.9	Window Systems: Performance	03/12	4	HP	1	
.10	Covered Walks	03/12	1	M	1	
.11	Paint Condition	03/12	1	M	1	
.12	Paint Aesthetic	03/12	0	HP	0	
.13	Other					
<b>2. Building: Classrooms</b>						
.1	Roof: Condition	03/12	2	M	1	Cap sheet shows areas of failure 
.2	Roof: Performance	03/12	4	HP	1	
.3	Skylights	03/12	-	-	-	N/A
.4	Walls / Finishes	03/12	1	M	1	
.5	Soffits / Overhangs	03/12	1	M	1	
.6	Gutters / Downspouts	03/12	1	M	1	
.7	Doors	03/12	1	M	1	
.8	Window Systems: Condition	03/12	1	M	1	Single glazed
.9	Window Systems: Performance	03/12	4	HP	1	
.10	Covered Walks	03/12	1	M	1	
.11	Paint Condition	03/12	1	M	1	
.12	Paint Aesthetic	03/12	0	HP	0	
.13	Other	03/12	4	M	3	Drainage issues, sidewalk slopes into the building, door will not fully open 

Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
<b>3. Building: Multi-Purpose</b>						
.1	Roof: Condition	03/12	3	M	2	Cap sheet failing exposing sub layers of material 
.2	Roof: Performance	03/12	4	HP	1	
.3	Skylights	03/12	-	-	-	N/A
.4	Walls / Finishes	03/12	1	M	1	
.5	Soffits / Overhangs	03/12	1	M	1	
.6	Gutters / Downspouts	03/12	1	M	1	
.7	Doors	03/12	1	M	1	
.8	Window Systems: Condition	03/12	1	M	1	Single glazed
.9	Window Systems: Performance	03/12	4	HP	1	
.10	Covered Walks	03/12	1	M	1	
.11	Paint Condition	03/12	1	M	1	
.12	Paint Aesthetic	03/12	0	HP	0	
.13	Other					
<b>4. Building: Portables - Row #1</b>						
.1	Roof: Condition	03/12	0	M	0	New cap sheet
.2	Roof: Performance	03/12	0	HP	0	
.3	Skylights	03/12	-	-	-	N/A
.4	Walls / Finishes	03/12	2	M	2	
.5	Soffits / Overhangs	03/12	1	M	1	
.6	Gutters / Downspouts	03/12	3	M	2	
.7	Doors	03/12	1	M	1	Non compliant, see accessibility survey
.8	Window Systems: Condition	03/12	1	M	1	Single glazed
.9	Window Systems: Performance	03/12	4	HP	1	
.10	Covered Walks	03/12	1	M	1	
.11	Paint Condition	03/12	2	M	1	
.12	Paint Aesthetic	03/12	0	HP	0	
.13	Other					

Scope	Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch	
<b>5. Building: Portables - Row #2</b>						
.1	Roof: Condition	03/12	1	M	1	Standing seam metal
.2	Roof: Performance	03/12	1	HP	1	
.3	Skylights	03/12	-	-	-	N/A
.4	Walls / Finishes	03/12	1	M	1	
.5	Soffits / Overhangs	03/12	1	M	1	
.6	Gutters / Downspouts	03/12	1	M	1	
.7	Doors	03/12	1	M	1	
.8	Window Systems: Condition	03/12	1	M	1	Single glazed
.9	Window Systems: Performance	03/12	4	HP	1	
.10	Covered Walks	03/12	1	M	1	
.11	Paint Condition	03/12	1	M	1	
.12	Paint Aesthetic	03/12	0	HP	0	
.13	Other	03/12	4	M	3	Drainage issues, water ponding at rear of building 
<b>6. Building: Portables - 4th R</b>						
.1	Roof: Condition	03/12	1	M	1	
.2	Roof: Performance	03/12	0	HP	0	
.3	Skylights	03/12	-	-	-	N/A
.4	Walls / Finishes	03/12	1	M		
.5	Soffits / Overhangs	03/12	-	-	-	N/A
.6	Gutters / Downspouts	03/12	-	-	-	N/A
.7	Doors	03/12	0	M		
.8	Window Systems: Condition	03/12	1	M	1	Single glazed
.9	Window Systems: Performance	03/12	4	HP	1	
.10	Covered Walks	03/12	-	-	-	N/A
.11	Paint Condition	03/12	1	M	1	
.12	Paint Aesthetic	03/12	0	HP	0	
.13	Other					



Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
<b>7. Building: A Frame</b>						
.1	Roof: Condition	03/12	2	M	1	Metal roof
.2	Roof: Performance	03/12	0	HP	0	
.3	Skylights	03/12	-	-	-	N/A
.4	Walls / Finishes	03/12	1	M	1	
.5	Soffits / Overhangs	03/12	-	-	-	N/A
.6	Gutters / Downspouts	03/12	-	-	-	N/A
.7	Doors	03/12	1	M	1	
.8	Window Systems: Condition	03/12	1	M	1	Single glazed
.9	Window Systems: Performance	03/12	0	HP	0	
.10	Covered Walks	03/12	-	-	-	N/A
.11	Paint Condition	03/12	1	M	1	
.12	Paint Aesthetic	03/12	0	HP	0	
.13	Other					



**CHPS SUMMARY: INDOOR ENVIRONMENTAL QUALITY**

<b>Credit # / Title</b>	<b>Eligible Points</b>	<b>Actual Points</b>	<b>Notes:</b>
			<b>Eligible Points:</b> P- Prerequisite (Required), 1+ Per CHPS <b>Actual Points:</b> Per Assessment

**1. Lighting and Daylighting**

EQ1.1	Daylighting	1-4	4	<i>Intent:</i> Provide high quality daylighting in classrooms to enhance student performance.
EQ1.2	View Windows	1	1	<i>Intent:</i> Provide a visual connection to the outdoors.
EQ1.3	Electric Lighting	1	0	<i>Intent:</i> Provide high quality and flexible classroom lighting.

**2. Indoor Air Quality and Thermal Comfort**

EQ2.0A	Minimum HVAC and Construction IEQ	P	P	<i>Intent:</i> Establish minimum HVAC standards and construction practices for indoor air quality.
EQ2.0B	ASHRAE 55 Thermal Comfort Code and Moisture Control	P	P	<i>Intent:</i> Provide a thermally comfortable environment with moisture controls.
EQ2.0C	Minimum Filtration	P	P	<i>Intent:</i> Provide minimum adequate air filtration to ensure good indoor air quality.
EQ2.1	Enhanced Filtration	1-2	0	<i>Intent:</i> Provide adequate air filtration to ensure good air quality.
EQ2.2	Low-Emitting Materials	1-4	0	<i>Intent:</i> Provide classrooms with acceptably low indoor air concentrations of harmful volatile organic chemicals that derive from
EQ2.3	Ducted Returns	1	1	<i>Intent:</i> Prevent dust and microbial growth issues associated with plenum returns.
EQ2.4	Thermal Displacement Ventilation	2	0	<i>Intent:</i> Provide effective delivery of ventilation air for improved occupant comfort, health and
EQ2.5	Controllability of Systems	1-4	0	<i>Intent:</i> Enable teachers to have control of the thermal environment within their classrooms.
EQ2.6	Chemical and Pollutant Source	1-2	0	<i>Intent:</i> Prevent building occupants from exposure to potentially hazardous chemicals.
EQ2.7	Mercury Reduction	1	0	<i>Intent:</i> Protect the health of school building occupants, and reduce disposal costs and liability associated with mercury.


**3. Acoustics**

EQ3.0	Minimum Acoustical Performance	P	P	<i>Intent:</i> Provide classrooms with adequate acoustical environments.
EQ3.1	Improved Acoustical Performance	1 or 3	0	<i>Intent:</i> Provide classrooms with superior acoustical environments.

**CHPS- Sustainable Sites: Summary**

	<b>Eligible Points</b>	<b>25</b>	<b>6</b>	<b>Actual Points</b>
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## INDOOR ENVIRONMENTAL QUALITY

Scope	Date	Repair / Replace Level	Category	Urgency Score	<p><b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch &amp; Repair, 0-No observed need to replace, repair or patch</p> <p><b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p><b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>	
<b>Site Utilities &amp; Infrastructure</b>						
<b>1. Electrical Systems</b>						
.1	Utility Service, Main Switchboard	03/12	0	M	0	Existing 2000 amp 120/208 volt 3 phase 4 wire service installed in 2002 is in very good condition.
.2	Other					
<b>2. Technology Systems</b>						
.1	Utility MPOE/MDF	03/12	0	M	0	MDF in office area with IDF in library.
.2	Other					
<b>3. Low Voltage Systems</b>						
.1	Clock/PA Head End	03/12	0	M	0	District run clock system with PA system in office area.
.2	Fire Alarm Control Panel	03/12	0	M	0	Main panel located in boiler/storage room, sufficient.
.3	Access, Intrusion, Security Head End	03/12	0	M	0	Door contacts and motion sensors in most rooms.
<b>Building - Administration</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	-	-	-	N/A
.2	Panels and Gear:	03/12	0	M	0	New panels installed in 2001, located in Boiler #1. 
.3	Receptacles / Branch Circuiting	03/12	0	M	0	Sufficient.
.4	Other					

Scope	Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch	
<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	03/12	2	M	1	2'x4' troffers with 4-lamps and 4' wraparounds with 2-lamps, all in good condition. Fixtures need to be cleaned and relamped. Some fixtures have lamps with different temperature lamps.
.2	Light Fixtures: Efficiency	03/12	0	HP	0	Lighting levels are sufficient.
.3	Controls: Condition	03/12	2	C	1	On/off switching only, no occupancy sensor control per code.
.4	Controls: Efficiency	03/12	0	M	0	
.5	Life Safety / Egress	03/12	2	C	1	No egress light, only exit signs.
.6	Other					
<b>3. Technology Systems</b>						
.1	IDF	03/12	0	M	0	Sufficient, with room to grow.
.2	Infrastructure (Raceway, Cabling)	03/12	0	M	0	Cat 5 cabling.
.3	Workstation / Wireless	03/12	0	M	0	Wired workstations.
.4	AV Systems	03/12				N/A
.5	Other					
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	0	M	0	Sufficient.
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts and motion sensors.
.4	Other					
<b>Building - Multi-Purpose</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	0	M	0	Panels located in kitchen area.
.2	Panels and Gear:	03/12	2	M	1	New panels installed in 2002
.3	Receptacles / Branch Circuiting	03/12	0	M	0	Sufficient.
.4	Other					
<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	03/12	2	M	1	2'x4' troffers with 4-lamps in fair condition. Fixtures need to be cleaned and relamped. Some fixtures have lamps with different temperature lamps or lamps out.
.2	Light Fixtures: Efficiency	03/12	2	HP	1	Could use new 4-lamp fixtures with energy efficient T8 lamps.
.3	Controls: Condition	03/12	2	C	1	On/off switching only, no occupancy sensor control per code.
.4	Controls: Efficiency	03/12	0	M	0	


Scope	Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.5 Life Safety / Egress	03/12	2	C	1	No egress light, only exit signs.
.6 Other					
<b>3. Technology Systems</b>					
.1 IDF	03/12	-	-	-	N/A
.2 Infrastructure (Raceway, Cabling)	03/12	0	M	0	Cat 5 cabling.
.3 Workstation / Wireless	03/12	0	M	0	Wired workstations.
.4 AV Systems	03/12	-	-	-	N/A
.5 Other					
<b>4. Low Voltage Systems</b>					
.1 Clock / PA	03/12	0	M	0	Sufficient.
.2 Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3 Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts and motion sensors.
.4 Other					
<b>Building - Kitchen</b>					
<b>1. Electrical Systems</b>					
.1 Electrical Rooms, Equipment Location:	03/12	2	M	1	Electrical panels located in kitchen area.
.2 Panels and Gear:	03/12	2	M	1	Panels in poor condition.
.3 Receptacles / Branch Circuiting	03/12	0	M	0	Sufficient.
.4 Other					
<b>2. Lighting Systems</b>					
.1 Light Fixtures: Condition	03/12	2	M	1	2'x4' surface troffers with 3-lamps in fair condition. Fixtures need to be cleaned and relamped. Some fixtures have lamps with different temperature lamps or lamps out.
.2 Light Fixtures: Efficiency	03/12	2	HP	1	Could use new 3-lamp fixtures with energy efficient T8 lamps.
.3 Controls: Condition	03/12	2	C	1	On/off switching only, no occupancy sensor control per code.
.4 Controls: Efficiency	03/12	0	M	0	
.5 Life Safety / Egress	03/12	2	C	1	No egress light, only exit signs.
.6 Other					
<b>3. Technology Systems</b>					
.1 IDF	03/12	-	-	-	N/A
.2 Infrastructure (Raceway, Cabling)	03/12	0	M	0	Cat 5 cabling.
.3 Workstation / Wireless	03/12	0	M	0	Wired workstation.
.4 AV Systems	03/12	-	-	-	N/A
.5 Other					




Scope	Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch	
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	0	M	0	Sufficient.
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts and motion sensors.
.4	Other					
<b>Building -Stage</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	0	M	0	Electrical panels located on stage wall.
.2	Panels and Gear:	03/12	0	M	0	Panels in good condition.
.3	Receptacles / Branch Circuiting	03/12	0	M	0	Sufficient.
.4	Other	03/12	0	M	0	Good condition.
<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	31/12	2	M	1	4' wraparound lighting fixtures in fair condition and stage lighting in poor condition. Fixtures need to be cleaned and relamped. Some fixtures have lamps out.
.2	Light Fixtures: Efficiency	03/12	2	HP	1	Could use new 2-lamp fixtures with energy efficient T8 lamps.
.3	Controls: Condition	03/12	2	C	1	On/off switching only, no occupancy sensor control per code. Stage lighting is sufficient.
.4	Controls: Efficiency	03/12	0	M	0	
.5	Life Safety / Egress	03/12	2	C	1	No Egress lighting.
.6	Other					
<b>3. Technology Systems</b>						
.1	IDF	03/12	-	-	-	N/A
.2	Infrastructure (Raceway, Cabling)	03/12	0	M	0	Cat 5 cabling.
.3	Workstation / Wireless	03/12	0	M	0	Wired workstation.
.4	AV Systems	03/12	-	-	-	N/A
.5	Other					
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	0	M	0	Sufficient.
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts and motion sensors.
.4	Other					

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<b>Building - Staff Restrooms</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	0	M	0	Panels located in Boiler rooms.
.2	Panels and Gear:	03/12	0	M	0	Panels in good condition.
.3	Receptacles / Branch Circuiting	03/12	-	-	-	N/A
.4	Other					
<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	03/12	2	M	1	4' wraparounds with 2-lamps, all in fair condition. Fixtures need to be cleaned and relamped.
.2	Light Fixtures: Efficiency	03/12	0	HP	0	Could use new 2-lamp fixtures with energy efficient T8 lamps.
.3	Controls: Condition	03/12	2	C	1	On/off switching only, no occupancy sensor control per code.
.4	Controls: Efficiency	03/12	0	M	0	
.5	Life Safety / Egress	03/12	-	-	-	N/A
.6	Other					
<b>3. Technology Systems</b>						
.1	IDF	03/12	-	-	-	A
.2	Infrastructure (Raceway, Cabling)	03/12	-	-	-	N/A
.3	Workstation / Wireless	03/12	-	-	-	N/A
.4	AV Systems	03/12	-	-	-	N/A
.5	Other					
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	-	-	-	N/A
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts.
.4	Other					
<b>Building - Student Restrooms</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	0	M	0	Panels located in Boiler rooms.
.2	Panels and Gear:	03/12	0	M	0	Panels in good condition.
.3	Receptacles / Branch Circuiting	03/12	-	-	-	N/A
.4	Other					

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<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	03/12	2	M	1	4' wraparounds with 2-lamps, all in fair condition. Fixtures need to be cleaned and relamped.
.2	Light Fixtures: Efficiency	03/12	0	HP	0	Could use new 2-lamp fixtures with energy efficient T8 lamps.
.3	Controls: Condition	03/12	2	C	1	On/off switching only, no occupancy sensor control per code.
.4	Controls: Efficiency	03/12	0	M	0	
.5	Life Safety / Egress	03/12	2	C	1	No Egress lighting.
.6	Other					E- manual/automatic/low voltage
<b>3. Technology Systems</b>						
.1	IDF	03/12	-	-	-	N/A
.2	Infrastructure (Raceway, Cabling)	03/12	-	-	-	N/A
.3	Workstation / Wireless	03/12	-	-	-	N/A
.4	AV Systems	03/12	-	-	-	N/A
.5	Other					
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	-	-	-	N/A
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts.
.4	Other					
<b>Building - Permanent Classrooms</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	0	M	0	Panels located in Boiler rooms.
.2	Panels and Gear:	03/12	0	M	0	Panels in good condition.
.3	Receptacles / Branch Circuiting	03/12	0	M	0	Sufficient.
.4	Other					

Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	03/12	2	M	1	2'x4' troffers with 4-lamps and 4' wraparounds with 2-lamps, all in poor condition. Fixtures need to be cleaned and relamped. Some fixtures have lamps with different temperature lamps or lamps out. Latch broken on one fixture.
						
.2	Light Fixtures: Efficiency	03/12	2	HP	1	Could use new 3-lamp fixtures with energy efficient T8 lamps.
.3	Controls: Condition	03/12	2	M	1	On/off switching with ceiling occupancy sensor.
.4	Controls: Efficiency	03/12	2	C	1	No Egress lighting.
.5	Life Safety / Egress	03/12	2	C	1	No Egress lighting.
.6	Other					
<b>3. Technology Systems</b>						
.1	IDF	03/12	-	-	-	N/A
.2	Infrastructure (Raceway, Cabling)	03/12	0	M	0	Cat 5 cabling.
.3	Workstation / Wireless	03/12	0	M	0	Wired workstation.
.4	AV Systems	03/12	0	M	0	Television with VCR player.
.5	Other					
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	0	M	0	Sufficient.
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts and motion sensors.
.4	Other					
<b>Building - Library</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	0	M	0	Panels located in Boiler rooms.
.2	Panels and Gear:	03/12	0	M	0	Panels in good condition.

Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.3	Receptacles / Branch Circuiting	03/12	0	M	0	Sufficient.
.4	Other					
<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	03/12	2	M	1	2'x4' troffers with 4-lamps and 4' wraparounds with 2-lamps, all in poor condition. Fixtures need to be cleaned and relamped. Some fixtures have lamps with different temperature lamps or lamps out.
.2	Light Fixtures: Efficiency	03/12	2	HP	1	Could use new 3-lamp fixtures with energy efficient T8 lamps.
.3	Controls: Condition	03/12	0	M	0	On/off switching with ceiling occupancy sensor.
.4	Controls: Efficiency	03/12	0	M	0	
.5	Life Safety / Egress	03/12	2	C	1	No Egress lighting.
.6	Other					
<b>3. Technology Systems</b>						
.1	IDF	03/12	2	M	1	IDF - making loud motor sounds. 
.2	Infrastructure (Raceway, Cabling)	03/12	0	M	0	Cat 5 cabling.
.3	Workstation / Wireless	03/12	0	M	0	Wired workstations.
.4	AV Systems	03/12	-	-	-	N/A
.5	Other					
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	0	M	0	Sufficient.
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts and motion sensors.
.4	Other					



Scope	Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch	
<b>Building - Portable Classrooms</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	0	M	0	Panels located on back of building..
.2	Panels and Gear:	03/12	0	M	0	Panels in good condition.
.3	Receptacles / Branch Circuiting	03/12	0	M	0	Sufficient.
.4	Other					
<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	03/12	2	M	1	2'x4' troffers with 4-lamps and 4' wraparounds with 2-lamps, all in poor condition. Fixtures need to be cleaned and relamped. Some fixtures have lamps with different temperature lamps or lamps out.
.2	Light Fixtures: Efficiency	03/12	2	HP	1	Could use new 3-lamp fixtures with energy efficient T8 lamps.
.3	Controls: Condition	03/12	2	C	1	On/off switching only, no occupancy sensor control per code.
.4	Controls: Efficiency	03/12	0	M	0	
.5	Life Safety / Egress	03/12	2	C	1	No Egress lighting.
.6	Other					
<b>3. Technology Systems</b>						
.1	IDF	03/12	-	-	-	N/A
.2	Infrastructure (Raceway, Cabling)	03/12	0	M	0	Cat 5 cabling.
.3	Workstation / Wireless	03/12	0	M	0	Wired workstation.
.4	AV Systems	03/12	0	M	0	Television with VCR player.
.5	Other					
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	0	M	0	Sufficient.
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts and motion sensors.
.4	Other					
<b>Building - Kindergarten</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	0	M	0	Panels located in Boiler rooms.
.2	Panels and Gear:	03/12	0	M	0	Panels in good condition.
.3	Receptacles / Branch Circuiting	03/12	2	M	1	GFCI receptacle outlet located by the sink in classroom #1 keeps tripping.
.4	Other					

Scope	Date	Repair / Replace Level	Category	Urgency Score	Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch	
<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	03/12	2	M	1	2'x4' troffers with 3-lamps and 4' wraparounds with 2-lamps, all in good condition. Fixtures need to be cleaned and relamped.
.2	Light Fixtures: Efficiency	03/12	2	HP	1	Could use new 3-lamp fixtures with energy efficient T8 lamps.
.3	Controls: Condition	03/12	0	M	0	On/off switching only, no occupancy sensor control per code.
.4	Controls: Efficiency	03/12	2	C	1	No Egress lighting.
.5	Life Safety / Egress					
.6	Other					
<b>3. Technology Systems</b>						
.1	IDF	03/12	-	-	-	N/A
.2	Infrastructure (Raceway, Cabling)	03/12	0	M	0	Cat 5 cabling.
.3	Workstation / Wireless	03/12	0	M	0	Wired workstation.
.4	AV Systems	03/12	0	M	0	Television with VCR player.
.5	Other					
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	0	M	0	Sufficient.
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts and motion sensors.
.4	Other					
<b>Building - Portable 4th R</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	0	M	0	Panels located on back of building.
.2	Panels and Gear:	03/12	0	M	0	Panels in good condition.
.3	Receptacles / Branch Circuiting	03/12	0	M	0	Sufficient.
.4	Other					
<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	03/12	2	M	1	2'x4' troffers with 2-lamps and 4' wraparounds with 2-lamps, all in poor condition. Fixtures need to be cleaned and relamped.
.2	Light Fixtures: Efficiency	03/12	2	HP	1	Could use new 2-lamp fixtures with energy efficient T8 lamps.
.3	Controls: Condition	03/12	2	C	1	On/off switching only, no occupancy sensor control per code.

Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
.4	Controls: Efficiency	03/12	0	M	0	
.5	Life Safety / Egress	03/12	2	C	1	No Egress lighting.
.6	Other					
<b>3. Technology Systems</b>						
.1	IDF	03/12	-	-	-	N/A
.2	Infrastructure (Raceway, Cabling)	03/12	0	M	0	Cat 5 cabling.
.3	Workstation / Wireless	03/12	0	M	0	Wired workstations.
.4	AV Systems	03/12	-	-	-	N/A
.5	Other					
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	0	M	0	Sufficient.
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts and motion sensors.
.4	Other					
<b>Building - Boiler Rooms, Storage Rooms</b>						
<b>1. Electrical Systems</b>						
.1	Electrical Rooms, Equipment Location:	03/12	0	M	0	Panels located in boiler rooms.
.2	Panels and Gear:	03/12	0	M	0	Panels in good condition.
.3	Receptacles / Branch Circuiting	03/12	0	M	0	Sufficient.
.4	Other					
<b>2. Lighting Systems</b>						
.1	Light Fixtures: Condition	03/12	2	M	1	4' wraparounds with 2-lamps, all in poor condition. Fixtures need to be cleaned and relamped.
.2	Light Fixtures: Efficiency	03/12	2	HP	1	Could use new 2-lamp fixtures with energy efficient T8 lamps.
.3	Controls: Condition	03/12	2	C	1	On/off switching only, no occupancy sensor control per code.
.4	Controls: Efficiency	03/12	0	M	0	
.5	Life Safety / Egress	03/12	2	C	1	No Egress lighting.
.6	Other					
<b>3. Technology Systems</b>						
.1	IDF	03/12	-	-	-	N/A
.2	Infrastructure (Raceway, Cabling)	03/12	-	-	-	N/A
.3	Workstation / Wireless	03/12	-	-	-	N/A
.4	AV Systems	03/12	-	-	-	N/A
.5	Other					

Scope		Date	Repair / Replace Level	Category	Urgency Score	<b>Repair / Replace Level:</b> 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch
<b>4. Low Voltage Systems</b>						
.1	Clock / PA	03/12	-	-	-	N/A
.2	Fire Alarm (Devices, Appliances)	03/12	0	M	0	Sufficient.
.3	Access, Intrusion, Security	03/12	0	M	0	Exterior door contacts and motion sensors.
.4	Other					



**CHPS SUMMARY: LEADERSHIP, EDUCATION & INNOVATION**

Credit # / Title		Eligible Points	Actual Points	Notes:
				<b>Eligible Points:</b> P- Prerequisite (Required), 1+ Per CHPS <b>Actual Points:</b> Per Assessment
<b>1. Leadership</b>				
LEI1.1	District Level Commitment	2	0	<i>Intent:</i> Gain access to high performance tools and resources and integrate high performance goals into district planning.
LEI1.2	Integrated Design	2	0	<i>Intent:</i> Reduce or eliminate potable water use for landscape irrigation.
<b>2. Schools as Learning Tools</b>				
LEI2.0	Educational Display	P	P	<i>Intent:</i> Increase the school community's knowledge about the basics of high performance design using an educational display to serve as a three-dimensional textbook.
LEI2.1	Demonstration Areas	1	0	<i>Intent:</i> Provide students, teachers and staff with more in-depth knowledge for each aspect of high performance design on their school site, including sustainable sites, water conservation, energy and material efficiency, and indoor environmental quality.
<b>3. Innovation</b>				
LEI3.1	Innovation	4	0	<i>Intent:</i> Test, understand and implement innovative approaches to improving the health of school occupants and the performance of school facilities.
LEI3.2	Design for Adaptability, Durability and Disassembly	4	0	<i>Intent:</i> Reduce building material waste and promote local building material reuse during construction, renovation, repurposing of space, and disassembly. Provide spaces that are adaptable, durable, and flexible. Drive innovation in designing schools to support disassembly and reuse..
<b>CHPS- Leadership, Education &amp; Innovation: Summary</b>				
		<b>Eligible Points</b>	<b>13</b>	<b>Actual Points</b>
			<b>0</b>	





**LEADERSHIP, EDUCATION & INNOVATION**

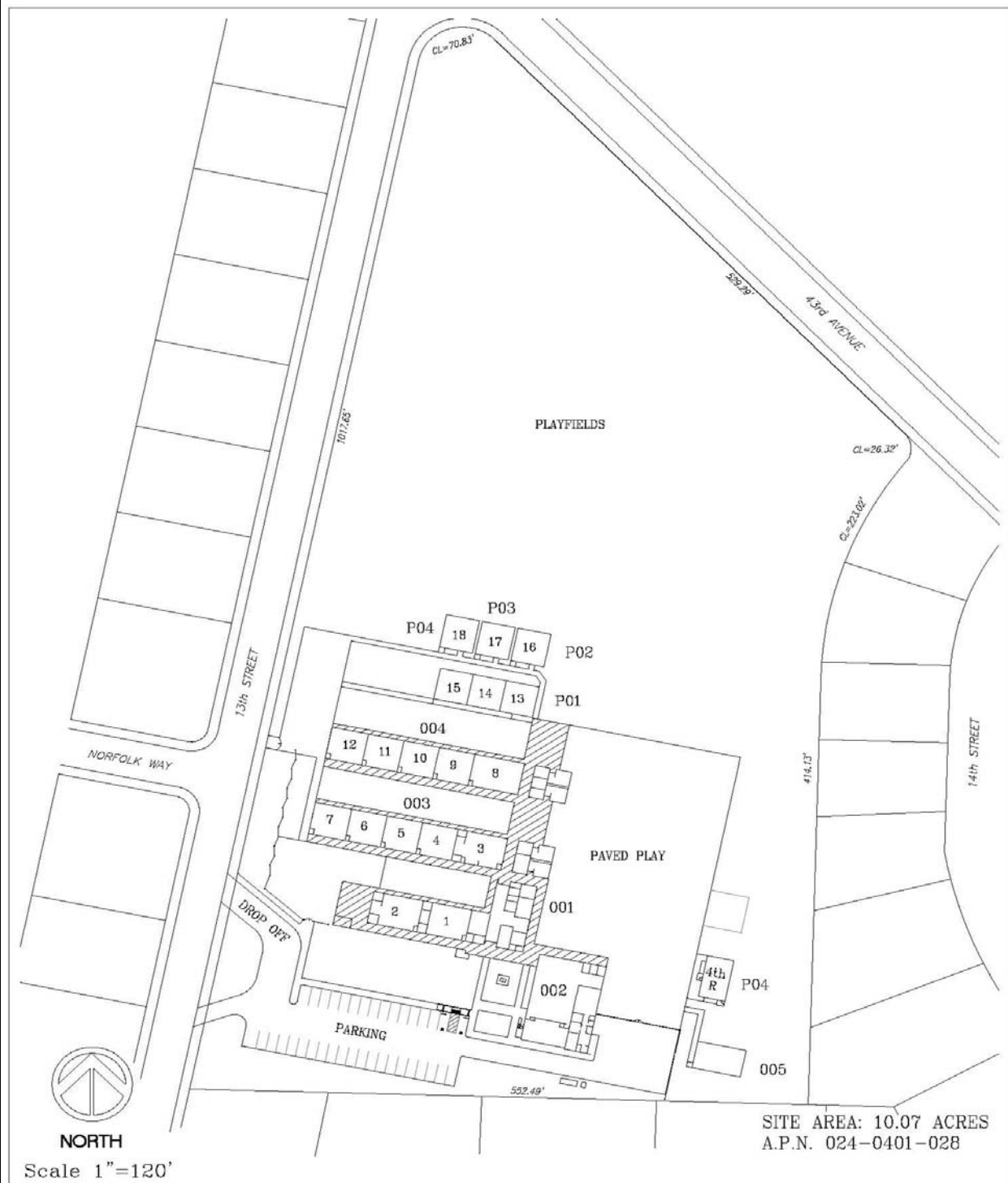
Scope	Date	Transformation / New	Category	Urgency Score		
<p><b>Transformation / New:</b> T- Transformation is associated to conversion of existing construction and N- New Addition/Expansion of new construction to meet new educational needs. <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need</p>						
<b>1. Career &amp; College Ready</b>						
.1	Core Academic & Learning Labs- Elementary Schools	06/12	T	HP	3	To align with the District's Strategic Plan 2010-2014 Putting Children First and the Common Core Standards it is recommended that 3,900sf of existing classrooms be transformed into two project lab classrooms to support Art/Science programs on campus, one for Grades 1-3 and one for Grades 4-6. Also, three classrooms shall be transformed into a Pre-Kindergarten and Kindergarten classroom to support the campus Master Plan.
.2	Core Academic-Transformation; Grades 7 & 8 (Middle School)	06/12	T	HP	3	To align with the District's Strategic Plan 2010-2014 Putting Children First and the Common Core Standards it is recommended that grades seven and eight (Middle School) be transformed in a series of two Academic Pathways. The campus organization would result in three Academic Pathways for each of the seventh and eighth grades each containing core academic and specialty learning lab spaces for science and technology. As part of this K-8 campus, new buildings will be constructed housing 8,640sf of lab spaces while new classrooms will be added to create flexibility of size and shape both would receive Technology Improvements to promote teaching and learning. Interim Housing allowance has been included to accommodate project phasing.
.3	Core Academic & Learning Lab- Furniture Replacement	06/12	T	HP	3	To align with the District's Strategic Plan 2010-2014 Putting Children First and the Common Core Standards it is recommended that Furniture Replacement be made to support teaching and learning while creating Student Centered spaces. Furniture replacement has been included based upon desired Classroom loading.
.4	Classroom / Lab Technology Equipment Replacement/ Expansion	06/12	T	HP	3	To align with the District's Strategic Plan 2010-2014 Putting Children First and the Common Core Standards it is recommended that Technology Equipment Replacement/Expansion be made to support teaching and learning. The scope and costs associated with the infrastructure is included within the transformation costs. This specifically addresses Equipment costs, which has a budget of \$595,000
.5	Support Spaces	06/12	-	-	-	n/a

Scope		Date	Transformation / New	Category	Urgency Score	<p><b>Transformation / New:</b> T- Transformation is associated to conversion of existing construction and N- New Addition/Expansion of new construction to meet new educational needs. <b>Category:</b> C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation <b>Urgency Score:</b> 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need</p>
<b>2. Family &amp; Community Engagement</b>						
.1	Technology Center K-8 Schools	06/12	T	HP	3	To align with the District's Strategic Plan 2010-2014 Putting Children First and the Common Core Standards it is recommended that a Technology Center be transformed from the existing 5,023sf multi-purpose room to support School and Community Use. It is anticipated that the Technology Center and/or its surrounding program spaces support the following functions; Media Center, Computer Lab, Parent Center, Conference Room & Teacher Planning Center.
.2	Multipurpose Center K-8 Schools	06/12	N	HP	3	To align with the District's Strategic Plan 2010-2014 Putting Children First and the Common Core Standards it is recommended that construction of a 7,536 sf Multipurpose Center expansion to address the needs of the existing Dining and Assembly seating capacity. It is anticipated that the Center would provide the following program spaces; Dining, Gym, Assembly, Platform/Stage, Restrooms, Kitchen and Storage.
<b>3. Organizational Transformation</b>						
.1	Classroom Conversion/Expansion	06/12	N	HP	3	To align with the District's Strategic Plan 2010-2014 Putting Children First it is recommended that all existing Classroom Portables be replaced and an expansion of 21,888sf of classrooms be constructed. The new construction will support 19 classrooms and support space to align with the District's student capacity goals of 782-928 students to optimize the campus operations for teaching and learning.



**TOTAL PROJECT COST SUMMARY**

	Code & Life Safety	Maintenance & Operations	High Performance Transformation	Total Includes: C, M/O & HP
<b>SUSTAINABLE SITES (SS)</b>				
1. School Entry/Drop Off	\$167,440	\$97,500	\$124,410	\$389,350
2. Parking & Drives	\$24,310	\$96,460	\$764,660	\$885,430
3. Service Access	\$3,510	\$63,050	\$51,480	\$118,040
4. Outdoor Activity	\$97,240	\$506,350	\$110,370	\$713,960
5. Campus Core	\$100,750	\$29,380	\$111,540	\$241,670
6. Utilities / Infrastructure	\$264,420	\$44,070	\$0	\$308,490
<b>SS Total</b>	<b>\$657,670</b>	<b>\$836,810</b>	<b>\$1,162,460</b>	<b>\$2,656,940</b>
<b>WATER EFFICIENCY (WE)</b>				
1. Site Utilities / Infrastructure	Irrigation Cost Shown in Sustainable Sites Above			
2. Plumbing Systems	\$39,650	\$38,870	\$40,690	\$119,210
3. Specialty Systems	\$0	\$0	\$0	\$0
4. Fire Protection Systems	\$21,320	\$0	\$0	\$21,320
<b>WE Total</b>	<b>\$60,970</b>	<b>\$38,870</b>	<b>\$40,690</b>	<b>\$140,530</b>
<b>ENERGY &amp; ATMOSPHERE (EA)</b>				
1. Central Plant	\$0	\$0	\$0	\$0
2. HVAC Systems	\$26,787	\$203,450	\$49,790	\$280,027
3. Specialty Systems	\$0	\$0	\$0	\$0
4. Alternative Energy	\$0	\$0	\$0	\$0
<b>EA Total</b>	<b>\$26,787</b>	<b>\$203,450</b>	<b>\$49,790</b>	<b>\$280,027</b>
<b>MATERIALS &amp; RESOURCES (MR)</b>				
1. Signage	\$32,500	\$0	\$0	\$32,500
2. Door Hardware	\$7,410	\$0	\$0	\$7,410
3. Interior Finishes	\$17,680	\$376,220	\$233,480	\$627,380
4. Exterior Finishes	\$0	\$534,430	\$537,940	\$1,072,370
<b>MR Total</b>	<b>\$57,590</b>	<b>\$910,650</b>	<b>\$771,420</b>	<b>\$1,739,660</b>
<b>INDOOR ENVIRONMENTAL QUALITY (IEQ)</b>				
1. Electrical Systems	\$910	\$24,050	\$0	\$24,960
2. Lighting Systems	\$255,060	\$50,180	\$565,890	\$871,130
3. Technology Systems	\$0	\$910	\$0	\$910
4. Low Voltage Systems	\$0	\$0	\$0	\$0
<b>IEQ Total</b>	<b>\$255,970</b>	<b>\$75,140</b>	<b>\$565,890</b>	<b>\$897,000</b>
<b>INNOVATION &amp; EDUCATION (IE)</b>				
1. Career & College Ready Transformation			\$6,151,210	\$6,151,210
2. Family & Community Engagement			\$4,728,490	\$4,728,490
3. Organizational Transformation			\$8,297,510	\$8,297,510
<b>IE Total</b>			<b>\$19,177,210</b>	<b>\$19,177,210</b>
	<b>Code &amp; Life Safety</b>	<b>Maintenance &amp; Operations</b>	<b>High Performance</b>	<b>Total per School</b>
<b>Total per Category</b>	<b>\$1,058,987</b>	<b>\$2,064,920</b>	<b>\$21,767,460</b>	<b>\$24,891,367</b>



SITE AREA: 10.07 ACRES  
A.P.N. 024-0401-028

Alice Birney Elementary School (004)  
6251 - 13th Street  
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

EXISTING SITE DIAGRAM  
NOVEMBER 2011







# **Our Vision for a Healthy and Environmentally-Friendly School**

## **Introduction**

We are a public Waldorf-inspired school located in an urban neighborhood. Our school teaches nature studies at every grade level, K – 8, so a Green Team makes perfect sense at Alice Birney. In early December, a small group met with Farrah McDill, the 2011 Center for Green Schools UTC Fellow for SCUSD. She talked to us about audits we could do at our school. Then, we all started meeting together at the end of March. In our first meeting, we went around in a circle and shared what we thought our school could do. We had many ideas such as: composting, school-wide recycling, rooftop gardens, and making a wetland behind one of our schools. But we soon realized Project Green was about bigger ideas than these. We started to talk about what things really bothered us at our school and we came up with three main problems:

1. Fluorescent lighting and small windows make it uncomfortable for our eyes and cause a glare on the chalkboards.
2. The flooding on our campus is dangerous and messy. Children slip and fall as they splash into their classrooms and onto the playground.
3. The drop-off and pick-up area in front of our school is barren. It looks like buffalo have trampled all over it and there is nowhere comfortable to wait for parents. Several parents will idle in their cars.

We have met every week during lunch and many days after school; sometimes from 2:15 p.m. until close to 5:00 p.m. to finish the audits, writing, and presentation for our project. During our lunch meetings we sometimes had 30 students attend and help out, but during the afterschool meetings there were about fourteen people that met. All of the students picked one of the three

problems they were most interested in and then they worked with the principal, a parent, or a teacher to complete audits, complete sketches of our ideas, and meet with professionals. Then, we made notes of everything we had learned. We wrote this paper as one team. Everyone shared their ideas and helped to decide what to write. Our writing shows how fixing the lighting, the irrigation, and the drop-off area's landscape will make our school and the students healthier and happier.

We have many people that have worked with us and who want to help us with our projects. We just need money, so we can get started. Our school has many children and parents who volunteer. This year we built an eight-bed vegetable garden and two small drought-tolerant gardens. Last year we created a xeroscape play yard for our kindergarten. Now we need all of the older kids to have a nice yard too.

## **Daylighting**

Our Green Team met with Harlan Smith from Harlan Smith Skylights, Steve Kent and Dan Besmer from Velux Skylights, our school's plant manager and Paul Breckenridge, from SCUSD facilities and maintenance department. Ms. Horning, our principal, led us in researching daylighting. The experts helped us audit our school interiors – classrooms, library, multi-purpose room, cafeteria, and office. They helped us calculate the lux in various areas. They also looked at the roofs and ceilings. Then, they helped us put a plan together of where the solar tubes and skylights with solar-powered and automatic shade should be placed.

Skylights and solar tubes will benefit our students' health. In our studies we have found that real sunlight decreases tooth decay by increasing Vitamin D. Natural light will also increase bone strength and in turn help us to grow taller and stronger. The natural day light will help us to see our boards better. This will help everyone, especially those with vision problems. Our

research says daylighting makes vision easier, more precise, and less stressful on the eye than artificial light.

Daylighting in schools has been shown to improve student performance. Several studies from the U.S. Department of Energy Laboratory (NREL) show that natural light can make children happier and help them to have a better attitude. Children will get along better and they will be able to focus and learn more. Stress hormones have been shown to be lower in children working in natural daylight. This causes more cooperation, less stress, and better concentration.

Kids concentrate better on their school work with natural light than unnatural light. Several NREL studies have shown that math scores increased by an average of 20 percent and reading scores by 26 percent in classrooms that had daylighting rather than those that did not.

Natural daylighting helps improve school attendance. The daylighting lowers viruses and bacteria in the classroom so kids won't get sick at school. It improves their overall health.

Not only does daylighting improve health but it will also improve the school's budget. It lowers electricity usage and heating and air conditioning costs. Daylighting can cut the schools electricity bills and usage in half, so we can use the money for something else like field trips. There is no reason for us to use artificial lights if we can use the sun during the day because we are not at school at night.

Skylights take less maintenance because they do not have light bulbs that need to be changed. Maintenance for the HVAC system will be reduced because it will be used less. It will save a lot of manpower. We will not have to pay for someone to change the lights or service the system.

For us to put skylights in all areas of our school, it will cost approximately \$451, 678. This will give us 81 skylights throughout the school. We will use a combination of tubular and curb mounted skylights to achieve our goal.

With more daylighting in our school, we will have more health benefits, reduce costs, save on energy consumption and ventilation usage. We think that it will improve our school quite a bit. We hope to get daylighting in our school so that we can have a better education, better health, grow taller, learn more, and be happier.

### **Irrigation**

After our audit, our Green Team also wanted to address irrigation and water usage at our school. We walked around and looked at problems on campus. We talked to the plant manager about the problems we have with irrigation on campus. We used the Project Green audit form as a guide for our discussions and observations. We took pictures of the problems. We consulted with Peter Quady, owner of Eiderland Works, Fianna Dietrich, a landscape architect student at UC Davis, Tiffanie Simpson, a researcher at UC Davis, Mona Robison, a resource scientist and botanist for state parks, and Becky Waegell, co-owner of Tiessen and Waegell Ranch.

We will save water by having less grass and having fewer sprinklers on our campus. The sprinklers we want smart sprinklers. Smart sprinklers can reduce water usage by up to 59 percent and reduce pollution from water run-off up to 71 percent. In Santa Clarita, the school district saved \$32,000 in the 12 months after switching to smart sprinklers.

We want to add drought-tolerant plants and mulch. There are areas of our playground that don't need grass. The grass just gets trampled. Instead of grass we'd like to have sandboxes, mulch, decomposed granite for a walkway (like they have in Curtis Park) and dirt mountains for

climbing. We also want more room to create a garden the whole school can work on. We would like to include plants that attract hummingbirds, bees, and butterflies. We might name this area Pollen Paradise. These areas with drought-tolerant plantings will provide habitat for frogs, lizards, and salamanders. We have already found salamanders and frogs on our campus.

If we plant native plants around our school they will be able to live off of the water that is provided. Natives use 30-40 percent less water than grass does. These habitats and native-plant areas can provide areas for us to read, study, relax, and play. They will become part of our outdoor classroom. Learning outside is important because it gets us ready for class. According to Richard Louv, author of *Last Child in the Woods*, “Nature inspires creativity in a child by demanding visualization and the full use of the senses...Much of our learning comes from doing, from making, from feeling with our hands; and though many would like to believe otherwise, the world is not entirely available from a keyboard.”

We need the school district to help us by re-grading parts of our school ground and removing grass from the yard. This would help with the uneven irrigation that causes swampy areas. Once we have the grass removed the long-term care for those areas would be done by parent and student volunteers as part of our curriculum. Also all the native planting areas would become areas for us to work and play. This would save the school district money in future years.

We think our playground would be more interesting if we had a mixture of grass, mulched area, rocks, stumps, wooden balance beams, and sandboxes. We don't need grass around those things because it all just turns into mud. Instead we need mulch and native plants. These changes would lead to money savings because we would not have to pay someone to mow, we would not have to pay to water the grass, and we would not have to pay for sprinkler



maintenance. Also, because there would be less water in the area, it would be safer. Children would no longer slip and fall in the mud and slippery sidewalks.

### **Drop Off and Pick-up Area**

When students come and go from school, parents often leave their cars idling while they wait for their children to get in or out of the car. The drop off and pick-up area at our school is very barren and uninviting. A third-grade class said that it looks like a bunch of buffalo trampled the area. One tree and bits of grass are the only life in this part of our school. Because the soil is so compact, it is very unsafe for children to play. When they fall, it really hurts. Also, the dirt in the area gets watered with our out-of-control sprinklers and it becomes very muddy and slippery. For this reason and because there isn't shade or rain cover or seating, many people don't like to get out of their cars and wait for their children.

We would like to put drought resistant grass and bushes around the edge of the fence. These plants will require very little irrigation. Taylor Lewis, the sales manager at Cornflower Nursery, has given us a list of native plants that are good for high-traffic areas and that also attract pollinators like bees, butterflies, and birds. Alex Morton, a natural resource specialist with USFWS, and Karleen Vollherbst, the Schoolyard Habitat Project Coordinator for USFWS, have also helped us decide which plants to use, where to plant them, and how to teach people about them. They will help us to create a beautiful pollinator path with the plants we will buy from Cornflower Nursery. Around the plants we would like to put a path made out of decomposed granite. This will make it an even walking surface where everyone can walk or roll a wheelchair.

To help with water drainage when it rains and to give waiting children a place to play, we would also like to install a fake river with a bridge over it. The water will be able to drain into the rocky area and away from the area where everyone is waiting. Near this river, we would like to put benches. They could be under the tree so people can sit comfortably in the shade. Lastly, we want to install a wooden kiosk in the drop-off, pick-up area so people can read about the plants, the people who helped us create the beautiful waiting area, and other school news.

With a nice area for people to wait for children, we think parents will stop idling their cars which will be better for the environment. In our audits, we saw almost 100 percent of waiting cars with parents in them idling during pick up time. Studies by the Consumer Energy Center show that 10 seconds of idling a car uses more fuel than restarting a car. They say that anyone in an idling car should turn it off if they will be waiting between 10 – 20 seconds. To remind everyone of this, we would like to put cute signs up that say – Don't Be Fuelish. Idling Makes No Cents.

We will also add bike racks to our school so that more people will ride their bikes instead of driving. An 18-bike rack costs around \$808. During our audits we found that right now, two teachers sometimes ride their bikes and only 20 kids ride their bikes to school. We would like to have bike racks available for people to park their bikes. Studies show that only 10 percent of children get at least 60 minutes of exercise every day. Riding a bike to school would help to get kids exercising.

We worked with Erin Darke, a local architect, to find the prices of many of these items. The decomposed granite costs \$63 for 15 cu yards and road base that needs to go under it costs \$725 for 20 cubic yards. Rolls of bender board to put on the edges of the walkway cost \$15.96

for a 20 foot roll. A 48"X27" bulletin board would cost \$604. A metal punch set and metal plant ID tags cost \$50. Recycled plastic benches cost \$650 each.

With the help of Project Green we could make a healthier campus that would be a good example of a water wise and people and animal-friendly campus for all of the community.